

N E X A

S-CROSS

OWNER'S MANUAL & SERVICE BOOKLET

- Keep With Vehicle At All Times
- Contains Warranty policy and Important Information On Safety, Operation & Maintenance

Part No. 99011M64M14-74E
September, 2021

ENG

FOREWORD

This manual is an essential part of your vehicle and should remain with the vehicle when resold or otherwise transferred to a new owner or operator. Please read this manual carefully before operating your new MARUTI SUZUKI and review the manual from time to time. It contains important information on safety, operation and maintenance. You are invited to avail the three Free Inspection Services as described in the manual. Three free inspection coupons are attached to this manual. Please show this manual to your dealer workshop while you take your MARUTI SUZUKI for any Service.

To prolong the life of your vehicle and reduce maintenance cost, the periodic maintenance must be carried out according to "PERIODIC MAINTENANCE SCHEDULE" described in "INSPECTION AND MAINTENANCE" section of this manual. It is essential for preventing trouble and accidents to ensure your satisfaction and safety.

Daily inspection and care as per "DAILY INSPECTION CHECKLIST" described in the "OPERATING YOUR VEHICLE" section of this manual is essential for prolonging the life of the vehicle and for safe driving.

Vehicle and the available features/accessories therein should be used and plied by the owner/user in accordance with the applicable legal requirements.

MARUTI SUZUKI INDIA LIMITED believes in conservation and protection of Earth's natural resources.

To that end, we encourage every vehicle owner to recycle, trade-in or properly dispose of, as appropriate, used Engine Oil, coolant and other fluids, batteries and tyres etc.

MARUTI SUZUKI INDIA LIMITED

All information in this manual is based on the latest product information available at the time of publication. Due to improvements or other changes, there may be discrepancies between information in this manual and your vehicle. MARUTI SUZUKI INDIA LIMITED reserves the right to make production changes at any time, without notice and without incurring any obligation to make the same or similar changes to vehicles previously built or sold.

This vehicle may not comply with standards or regulations of other countries. Before attempting to register this vehicle in any other country, check all applicable regulations and make any necessary modifications.

IMPORTANT

WARNING/ **CAUTION/NOTICE/** *NOTE*

Please read this manual and follow its instructions carefully. To emphasize special information, the symbol and the words **WARNING**, **CAUTION**, **NOTICE** and **NOTE** have special meanings. Pay particular attention to messages highlighted by these signal words:

WARNING

Indicates a potential hazard that could result in death or serious injury.

CAUTION

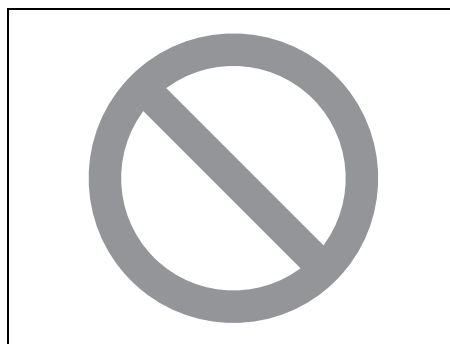
Indicates a potential hazard that could result in minor or moderate injury.

NOTICE

Indicates a potential hazard that could result in vehicle damage.

NOTE:

Indicates special information to make maintenance easier or instructions clearer.



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The circle with a slash in this manual means "Don't do this" or "Don't let this happen".

NOTE:

- *Words like car, model/variant are invariably used in this manual to denote the "Vehicle".*
- *Pictorial representations used in this manual are for reference purposes only.*

MODIFICATION WARNING

WARNING

Do not modify your vehicle. Modification could adversely affect safety, handling, performance, or durability and may violate governmental regulations. In addition, damage or performance problems resulting from modification shall not be covered under warranty.

NOTICE

Improper installation of mobile communication equipment such as cellular telephones, CB (Citizen's Band) radios may cause electronic interference with your vehicle's ignition system, resulting in vehicle performance problems. Consult your Maruti Suzuki authorised workshop or qualified service technician for advice on installing such mobile communication equipment.

NOTICE

The diagnostic connector of your vehicle is prepared only for the specific diagnostic tool for inspection and service purpose. Connecting any other tool or device may interfere with electronic parts operations and cause running out of batteries.

“WARNING”



Vehicle may **break-down**, meet with an **accident** or **catch fire** due to

1. Installation of
 - High wattage bulbs
 - Non genuine lamps / horns
 - Modified suspension / wheels
 - Non genuine parts / accessories etc.
2. Retrofitment of LPG / CNG fuel systems/kits.
3. Usage of domestic LPG.
4. Short circuiting due to tampering of wiring harness.

CAUTION: DO NOT STORE OR CARRY INFLAMMABLE MATERIALS IN THE VEHICLE.



Avoid driving into or starting the vehicle in a heavily water logged area. Vehicle may break-down or engine may fail due to

1. Water entry into the engine (which may lead to hydrostatic lock).
2. Short circuiting of the electrical systems.

If the vehicle is stuck in deep water, do not start / crank the vehicle until the level of water drops below the level of exhaust pipe.

NOTE:

IF THE VEHICLE IS SUBMERGED IN WATER, REPORT TO THE NEAREST AUTHORIZED WORKSHOP.

“CAUTION”

1. Retro-fitment of LPG / CNG kit may deteriorate vehicle performance, reduce engine & engine related component's life and also warranty will be null and void for such vehicles.
2. Do not use domestic LPG/LPG cylinder for your factory fitted LPG vehicles.
3. Usage of domestic LPG for running vehicles is prohibited as per law.
4. Do not remove company fitted LPG/CNG kit to install some other kit. It may affect vehicle performance and may cause fire.
5. Drive slowly on wet roads. Tires may slip while braking at higher speeds due to aquaplaning.(reduced contact area between tire and road due to presence of water)
6. Do not leave engine running in garages or confined areas, with passengers inside. This may result in accumulation of carbon-monoxide in cabin and may lead to suffocation or breathing problems.
7. Do not park vehicle on dry leaves or grass. This may lead to fire due to hot catalytic converter, igniting the dry leaves/grass.
8. If the vehicle is equipped with CNG/LPG, ensure availability of fire extinguisher in the vehicle all the time.
9. Always wear seat belt at all the times.
10. Do not use mobile phone while driving.
11. Avoid Smoking in the car, live bud thrown in car may cause fire.
12. Do not put any body part under the vehicle when it is supported on a Jack.
13. Do not use non-genuine accessories in your vehicle.
14. Do not fit accessories from unauthorized workshops/sources.
15. Usage of non-approved electrical accessories in your vehicle may result in spark, fire or personal injury.
16. Do not use camphor, incense sticks inside cabin room. Doing so may cause fire.
17. Avoid usage of cellular phones while refueling. Electric current and/or electronic interference from cellular phones can potentially ignite fuel vapors and cause fire.
18. Avoid entry inside vehicle immediately once after you have begun refueling. You can generate a build up of static electricity by touching, rubbing or sliding against any item or fabric capable of producing static electricity. Static electricity discharge can ignite fuel vapors and may causing a fire.
19. Do not check the engine room / open the hood near the fire area (Outside the vehicle). Fuel, washer fluid, etc. are flammable oils that may cause fire.
20. Avoid driving when vehicle has met with an accident . Before driving, Please contact with authorized MSIL dealership.

VIN:																					
MODEL:								OWNER NAME & ADDRESS													
VARIANT:																					
COLOUR:																					
ENGINE NO.:								CONTACT NO.													
KEY NO.:								E-mail ID:													
INVOICE DATE:								SELLING DEALER NAME & CODE													
ODOMETER READING																					KM
REGISTRATION NO.:																					
BATTERY MAKE:								DEALER SHOWROOM ADDRESS & CONTACT NO. (STAMP)													
BATTERY NO.:																					
BATTERY BATCH																					
TYRE	MAKE		BATCH CODE					CONTACT NO. FOR SERVICE APPOINTMENT & SUPPORT													
Front Right																					
Front Left																					
Rear Right																					
Rear Left																					
Spare																					
For any assistance with regard to our product, please contact General Manager/Works Manager at any of our Maruti Suzuki authorised Nexa dealer / Maruti Suzuki authorised workshop. For additional enquiry you may contact our Regional Office or Service Department. The addresses and phone numbers are given in Service Network section of this Manual.																					

CUSTOMER SERVICE MAINTENANCE RECORD (to be filled by customer)

INSPECTION SCHEDULE	DATE OF SERVICE	MILEAGE (KM)	NAME OF SERVICING WORKSHOP
1 st Free inspection service - 1000 KM / 1 Months			
2 nd Free inspection service - 5000 KM / 6 Months			
3 rd Free inspection service - 10000 KM / 12 Months			
1 st Paid inspection service - 20000 KM / 24 Months			
2 nd Paid inspection service - 30000 KM / 36 Months			
3 rd Paid inspection service - 40000 KM / 48 Months			
4 th Paid inspection service - 50000 KM / 60 Months			
5 th Paid inspection service - 60000 KM / 72 Months			
6 th Paid inspection service - 70000 KM / 84 Months			
7 th Paid inspection service - 80000 KM / 96 Months			
8 th Paid inspection service - 90000 KM / 108 Months			
9 th Paid inspection service - 100000 KM / 120 Months			
10 th Paid inspection service - 110000 KM / 132 Months			
11 th Paid inspection service - 120000 KM / 144 Months			
12 th Paid inspection service - 130000 KM / 156 Months			

Maruti Suzuki Network can be viewed by installing below Mobile Apps:

Maruti Suzuki Rewards app ensures a hassle free car ownership experience. Get easy access to all the services and information you need by downloading the app



1ST. FREE INSPECTION COUPON

(Customer's copy)

(1,000 KM or 1 MONTH)

Model Name											
Model Code*											
VIN											
Engine No.											
Mileage											
Invoice Date		D	D	M	M	Y	Y				
Date of Inspection		D	D	M	M	Y	Y				
Registration No.											
Customer Name											
Ph. No.											
Service workshop / MASS Code (fill below)											
				—				—			

COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMERWorkshop In charge
Signature**For periodic maintenance schedule,
refer to "Inspection and Maintenance"
section of this manual****1ST. FREE INSPECTION COUPON**

(Selling dealer copy)

(1,000 KM or 1 MONTH)

Model Name											
Model Code*											
VIN											
Engine No.											
Mileage											
Invoice Date		D	D	M	M	Y	Y				
Date of Inspection		D	D	M	M	Y	Y				
Registration No.											
Customer Name											
Ph. No.											
Service workshop / MASS Code (fill below)											
				—				—			

COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMERWorkshop In charge
Signature**1ST. FREE INSPECTION COUPON**

(Servicing W/S copy)

(1,000 KM or 1 MONTH)

Model Name											
Model Code*											
VIN											
Engine No.											
Mileage											
Invoice Date		D	D	M	M	Y	Y				
Date of Inspection		D	D	M	M	Y	Y				
Registration No.											
Customer Name											
Ph. No.											
Service workshop / MASS Code (fill below)											
				—				—			

COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMERWorkshop In charge
Signature

1ST. FREE INSPECTION COUPON

(Servicing W/S copy)

(1,000 KM or 1 MONTH)

Stamp of Selling dealer
(Code & Full Address)**For Servicing Workshop**

1. Please Fill up Model codes correctly.
2. Please fill up Complete VIN.
3. Please fill up customer name and Phone No. details legibly and correctly for the latest owner.
4. Free service coupon of selling dealer not operational at present, should be sent to MSIL on monthly basis.

FOR BAR CODE

Service Division
Maruti Suzuki India Limited**1ST. FREE INSPECTION COUPON**

(Selling dealer copy)

(1,000 KM or 1 MONTH)

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(Code & Full Address)**For Servicing Workshop**

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FOR BAR CODE

Service Division
Maruti Suzuki India Limited

2ND. FREE INSPECTION COUPON

(Customer's copy)

(5,000 KM or 6 MONTHS)

Model Name												
Model Code*												
VIN												
Engine No.												
Mileage												
Invoice Date												
Date of Inspection												
Registration No.												
Customer Name												
Ph. No.												
Service workshop / MASS Code (fill below)												

COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMERWorkshop In charge
Signature**For periodic maintenance schedule,
refer to "Inspection and Maintenance"
section of this manual****2ND. FREE INSPECTION COUPON**

(Selling dealer copy)

(5,000 KM or 6 MONTHS)

Model Name												
Model Code*												
VIN												
Engine No.												
Mileage												
Invoice Date												
Date of Inspection												
Registration No.												
Customer Name												
Ph. No.												
Service workshop / MASS Code (fill below)												

COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMERWorkshop In charge
Signature**2ND. FREE INSPECTION COUPON**

(Servicing W/S copy)

(5,000 KM or 6 MONTHS)

Model Name												
Model Code*												
VIN												
Engine No.												
Mileage												
Invoice Date												
Date of Inspection												
Registration No.												
Customer Name												
Ph. No.												
Service workshop / MASS Code (fill below)												

COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMERWorkshop In charge
Signature

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3. Please fill up customer name and Phone No. details legibly and correctly for the latest owner.
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FOR BAR CODE

Service Division
Maruti Suzuki India Limited

3RD. FREE INSPECTION COUPON

(Customer's copy) (10,000 KM or 12 MONTHS)

Model Name											
Model Code*											
VIN											
Engine No.											
Mileage											
Invoice Date			D	D	M	M	Y	Y			
Date of Inspection			D	D	M	M	Y	Y			
Registration No.											
Customer Name											
Ph. No.											
Service workshop / MASS Code (fill below)											
				-				-			

COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMER

Workshop In charge
Signature

**For periodic maintenance schedule,
refer to "Inspection and Maintenance"
section of this manual**

3RD. FREE INSPECTION COUPON

(Selling dealer copy) (10,000 KM or 12 MONTHS)

Model Name											
Model Code*											
VIN											
Engine No.											
Mileage											
Invoice Date			D	D	M	M	Y	Y			
Date of Inspection			D	D	M	M	Y	Y			
Registration No.											
Customer Name											
Ph. No.											
Service workshop / MASS Code (fill below)											
				-				-			

COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMER

Workshop In charge
Signature

3RD. FREE INSPECTION COUPON

(Servicing W/S copy) (10,000 KM or 12 MONTHS)

Model Name											
Model Code*											
VIN											
Engine No.											
Mileage											
Invoice Date			D	D	M	M	Y	Y			
Date of Inspection			D	D	M	M	Y	Y			
Registration No.											
Customer Name											
Ph. No.											
Service workshop / MASS Code (fill below)											
				-				-			

COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMER

Workshop In charge
Signature

3RD. FREE INSPECTION COUPON

(Servicing W/S copy) (10,000 KM or 12 MONTHS)

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3. Please fill up customer name and Phone No. details legibly and correctly for the latest owner.
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FOR BAR CODE

Service Division
Maruti Suzuki India Limited

WARRANTY POLICY

Maruti Suzuki India Limited (hereinafter called "Maruti Suzuki"), warrants that each new Maruti Suzuki vehicle distributed in India by Maruti Suzuki and sold by a Maruti Suzuki authorised dealer will be free, under normal use and service, from any defects in material and workmanship at the time of manufacture SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS:

(1) Qualification:

To qualify for this warranty the vehicle must be delivered by a Maruti Suzuki authorised dealer and set-up, and serviced by a Maruti Suzuki authorised workshop.

(2) Term:

The term of the warranty shall be twenty-four (24) months or 40,000 kilometers (whichever occurs first) from the date of invoice to the first owner.

NOTICE

Maruti Suzuki offers warranty of sixty (60) months or 1,00,000 kilometers (whichever occurs first) for Lithium-ion battery & Integrated Starter Generator (ISG) in petrol model from the date of invoice to the first owner.

(3) Maruti Suzuki Warranty Obligation:

If any defect(s) should be found in a Maruti Suzuki vehicle within the term stipulated above, Maruti Suzuki's only obligation is to repair or replace at its sole discretion any part shown to be defective, with a new part or the equivalent at no cost to the owner for parts or labour, when Maruti Suzuki acknowledges that such a defect is attributable to faulty material or workmanship at the time of manufacture. Such defective parts, which have been replaced, will become the property of Maruti Suzuki. The owner is responsible for any repair or replacements which are not covered by this warranty. The decision of Maruti Suzuki shall be final & binding.

(4) Limitation:

This warranty shall not apply to:

- (a) Normal maintenance service required other than the three free services, including without limitation, oil and fluid changes, Consumables, headlight aiming, fastener retightening, wheel balancing, wheel alignment and tyre rotation, cleaning of injectors, adjustments of clutch and valve clearance.
- (b) The normal wear of parts including without limitation, bulbs, tyres* and tubes, spark plugs, belts, hoses, filters, wiper blades, brushes, contact points, fuses, clutch disc, brake shoes, brake pads, cable and all rubber parts (except oil seal and glass run).
- (c) Any vehicle which has been used for competition, rallies or racing.
- (d) Any repairs or replacement arising from accidents or collision.
- (e) Any defect/ damage caused by misuse, negligence, abnormal use, insufficient care, vandalism, theft, riot, fire, flooding - not limited to entry of water in the components resulting in engine seizure, hydrostatic lock, etc. or external damages to the body/ components.
- (f) Any damage resulting due to usage of adulterated fuel/ lubricants/ oil/ coolant/ fluids/ polishing products and fuel/ lubricants/ oil/ coolant/ fluids used other than those specified in the Owner's Manual.
- (g) Any vehicle which has been modified or altered, including without limitation, the installation of performance accessories, enlargements of lights, other changes and external/ consequential reasons.
- (h) Any vehicle on which parts or accessories not approved by Maruti Suzuki (Non-MSGA, Non-MSGP) have been used.

(* - If there is a complaint related to tyre, the customer may contact respective tyre manufacturer.)

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- (i) Any vehicle which has not been operated in accordance with the operating instructions in this Owner's Manual and Service Booklet.
 - (j) Any vehicle which has not received the service inspections prescribed in this Owner's Manual and Service Booklet.
 - (k) Any vehicle which has been assembled, disassembled, adjusted or repaired by other than a Maruti Suzuki authorised workshop.
 - (l) Any vehicle which has been used for purposes other than what it was designed for.
 - (m) Any damage or deterioration caused by airborne fallout, industrial fallout, acid rain, hail or hail storm, wind storm, lightning, bird droppings, rodents bite / rat bite and such other thing that result in damage to the vehicle.
 - (n) Insignificant defects / noise which do not affect the function of the vehicle including without limitation, sound, vibration and fluid seep.
 - (o) Any natural wear and tear including without limitation, ageing, wear & tear or deterioration such as discoloration, fading, deformation or blurring and fabric discoloration.
 - (p) Installation and usage of domestic LPG gas/LPG Cylinder.
 - (q) V-belts, hoses and gas leaks.
 - (r) Any vehicle retrofitted with LPG/CNG kits.
 - (s) Repainting including patchwork, bodywork and mouldings and interior trims.
 - (t) Corrosion, rusting of body parts and/ or components.
 - (u) Any vehicle on which odometer has been changed unauthorisedly or odometer reading has been modified/ tampered with/ or not matching the service records.
 - (v) The damage(s) caused to the vehicle being unattended despite knowledge that the defect exists and ignorance by the owner/ user of the vehicle.
 - (w) Any damage(s) caused to vehicle including battery/ tyre due to parking of the vehicle in idle condition for long duration of time periods.

- (x) Any vehicle on which the retro-fitment is not authorized and/ or type approved as per the standards prescribed by the relevant authority including but not limited to Automotive Standards of India.
- (y) Any vehicle on which the retro-fitment is such which directly or indirectly causes any damage to the vehicle or affects the functions of the vehicle in any manner whatsoever.

(5) Extent of Warranty:

This warranty is the entire written warranty given by Maruti Suzuki for Maruti Suzuki vehicles and no dealer or its or his agent or employee is authorised to extend or enlarge this warranty and no dealer or its or his agent or employee is authorised to make any oral warranty or representation or assurance on behalf of Maruti Suzuki.

Maruti Suzuki reserves the right to add any improvements or change the design of any model at any time with no obligation to make the same changes on units previously sold.

(6) Warranty Service:

To obtain warranty service, the complete vehicle must be presented at the owner's expenses to Maruti Suzuki authorised workshop.

The customer shall be responsible for his belongings or accessories fitted in the vehicle at the time of presenting the vehicle for service and no claim shall be entertained in any manner under any circumstances.

(7) Owner's Warranty Obligations:

NOTICE

The owner shall not use the vehicle in a damaged condition and report the same immediately to the nearest Maruti Suzuki authorized workshop. This would result in early inspection and repair of the vehicle and any possible harm to the person or aggravation of damage to the vehicle can be prevented.

It is responsibility of each owner to:

- Have performed, at his own expenses, by a Maruti Suzuki authorised workshop all the service inspections specified in the Maruti Suzuki "Owner's Manual and Service Booklet" and maintain adequate proof that such service inspections have been performed.
- Update and maintain the 'Customer service maintenance records' page in the "Owner's Manual and Service Booklet", whenever service inspection or warranty service is carried out on the vehicle in a Maruti Suzuki authorised workshop.
- Present the Maruti Suzuki "Owner's Manual and Service Booklet" to the Maruti Suzuki authorised workshop whenever requesting service inspections or warranty service.

If the "Owner's Manual and Service Booklet" should be lost or destroyed the owner should consult the Maruti Suzuki authorised dealer from whom the vehicle was purchased for instructions concerning replacement of the "Owner's Manual and Service Booklet".

(8) Disclaimer of Consequential Damage:

Maruti Suzuki assumes no responsibility for loss of vehicle, loss of time, inconvenience or any other indirect incidental or consequential damage resulting from the vehicle not being available to the owner because of any defect covered by this warranty.

(9) Change of Owner

Even if ownership of the vehicle changes, the remaining warranty period is effective for the new owner.

This warranty is applicable only in India and not transferable to any other country.

NOTE:

Notwithstanding the warranty obligations, Maruti Suzuki may reuse reworked (refurbished) parts for undertaking rectification of recalled vehicles in terms of applicable laws.

EMISSION WARRANTY POLICY

Maruti Suzuki offers the Emission Warranty on all Maruti Suzuki vehicles (apart from the Regular Warranty and will run parallel to the regular product warranty) only in four metropolitan cities (**New Delhi, Kolkata, Mumbai and Chennai**) with effect from July 1st, 2001.

Terms:

The Emission Warranty will be applicable for **80,000 kms or 3 years** (Whichever comes earlier) from the date of invoice to the first owner. The remaining warranty terms will be valid in case of any change in ownership provided the production of all valid documents.

Conditions:

1. Under Emission Warranty, Warranty claims will be admitted for a prima-facie examination, in case vehicle fails to meet the Emission Standard as specified in sub rule (2) of rule no. 115 of Central Motor Vehicles Rules (CMVR), 1989.
2. The warranty claims will only be accepted after examination carried out by Maruti Suzuki or Maruti Suzuki authorised workshop which leads to firm conclusions that the
 - a) Original settings have not been tampered in any case.
 - b) Part (as given in Annexure - A) has a manufacturing defect.
 - c) Vehicle is unable to meet the Emission Standards (as given in 1.), in spite of the vehicle having been maintained and used in accordance with the instructions as specified in Owner's Manual and Service Booklet and the used fuel and different oils (Engine oil, Transmission oil, Brake oil etc.) are also as per specification.
3. The method of examination for deciding the warranty of the parts will be at the sole discretion of Maruti Suzuki and Maruti Suzuki authorised workshop and results of the examination will be final and binding. If after examination, the warrantable condition is not established, Maruti Suzuki and Maruti Suzuki authorised workshop has the right to charge all, or part of the cost of such examination.
4. Under Emission Warranty, the parts (as given in Annexure - A) will be changed free of cost, but the consumables will be charged as per actual.
5. If the part covered under Emission Warranty or the associated parts, are not independently replaceable, on account of these being integral parts of a complete assembly, Maruti Suzuki and Maruti Suzuki authorised workshop will have the sole discretion to replace either the entire assembly or by using some of the parts of the system through suitable repairs or modifications.
6. Any consequential repairs or replacement of parts which may be found necessary to establish compliance of Emission Warranty, will not be considered under warranty, unless the same is under product warranty. The consumable will be charged as per actual under such repair or replacement.
7. Maruti Suzuki will not be responsible for the cost of transportation of the vehicle to the nearest Maruti Suzuki authorised workshop or any loss due to non-availability of the vehicle during the period of lodging of a warranty claim and examination and/or repair by Maruti Suzuki authorised workshop.
8. Maruti Suzuki will not be responsible for any penalty that may be charged by statutory authorities on account of failure to comply with the EMISSION STANDARDS.
9. Emission Warranty will not be affected by the change of owner, provided all the documents are available.

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10. All maintenance actions (as specified in the Owner's Manual and Service Booklet) need to be followed and recorded in the manual for emission warranty.
 11. The customer needs to produce the PUC (Pollution Under Control) certificate valid for the period preceding the test during which the failure is discovered. The receipts (for the maintenance of the vehicle as per specification in Owner's Manual and Service Booklet from the date of original purchase of the vehicle) will also be required.

Conditions under which the Emission Warranty is not APPLICABLE

1. In the absence of valid PUC certificate.
2. Vehicle not serviced from Maruti Suzuki authorised workshop as per the schedule specified in the Owner's Manual.
3. Vehicle subjected to abnormal use (accident, motor race, rallies or for the purpose of establishing the records etc).
4. Use of non MSGP (Maruti Suzuki Genuine Part).
5. Vehicle that has been tampered with.
6. Tampering with odometer so that the actual kilometer reading cannot be determined.
7. Use of adulterated fuel and/or unspecified oils (Engine oil, Transmission oil and Brake oil etc).

Annexure - A

List of parts (if applicable) covered under Emission Warranty

1. Fuel Injection Assembly, Pressure Regulator, Throttle Body Assembly.
2. Electronic Control Module (ECM).
3. Intake Manifold.
4. EGR valve.
5. Ignition Coil.
6. Canister Assembly.
7. Vapour Liquid Separator.
8. Fuel Tank and Filler Cap.
9. PCV (Positive Crankcase Ventilation) Valve.
10. Oil Filler Cap.
11. Catalytic Converter.
12. Exhaust Manifold.
13. All Fuel Injection System related Sensors.
14. High Pressure Fuel Pump.
15. Glow Plug.
16. Glow Plug Controller.

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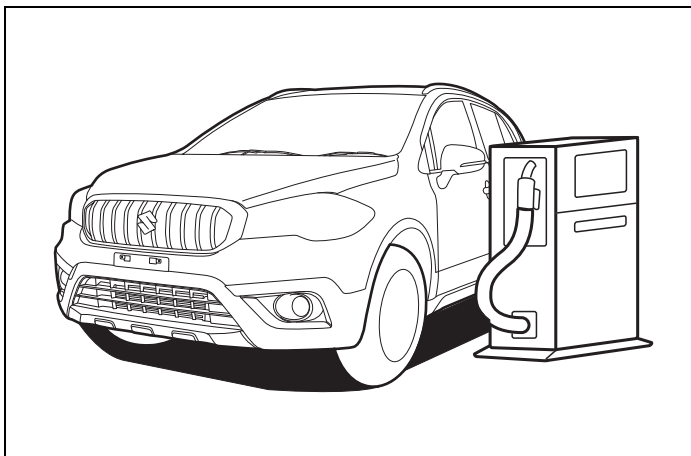
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FUEL RECOMMENDATION

FUEL RECOMMENDATION

1

Fuel Recommendation 1-1



64MM01000

FUEL RECOMMENDATION

Fuel Recommendation

To avoid damaging catalytic converter, you must use unleaded petrol with an octane number (RON) of 90 or higher.

Petrol/Ethanol blends

Blends of unleaded petrol and ethanol (grain alcohol), also known as gasohol, are commercially available in certain areas. Blends of this type may be used in your vehicle if they are no more than 10% ethanol. Make sure this petrol-ethanol blend has octane ratings no lower than those recommended for the petrol.

NOTE:

If you are not satisfied with the driveability or fuel economy of your vehicle when you use a petrol/alcohol blend, you should switch back to unleaded petrol containing no alcohol.

Petrol containing MTBE

Unleaded petrol containing MTBE (methyl tertiary butyl ether) may be used in your vehicle if the MTBE content is not greater than 15%. This oxygenated fuel does not contain alcohol.

CAUTION

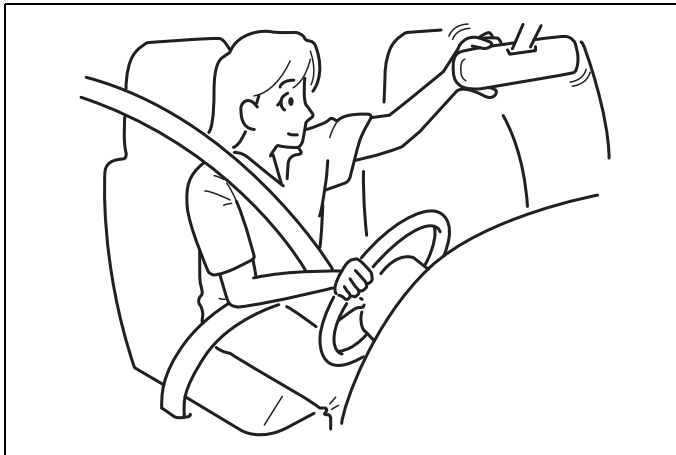
Use of spurious, low quality, adulterated fuel can cause damage to the engine & engine auxiliaries, affect functioning of engine and degrade engine performance including but not limited to engine seizure.

NOTICE

The fuel tank has an air space to allow for fuel expansion in hot weather. If you continue to add fuel after the filler nozzle has automatically shut off or an initial blowback occurs, the air chamber will become full. Exposure to heat when fully fuelled in this manner will result in leakage due to fuel expansion. To prevent such fuel leakage, stop filling after the filler nozzle has automatically shut off, or when initial vent blowback occurs, if using an alternative non-automatic system.

NOTICE

Be careful not to spill fuel containing alcohol while refueling. If fuel is spilled on the vehicle body, wipe it up immediately. Fuels containing alcohol can cause paint damage, which is not covered under the New Vehicle Limited Warranty.



60G404

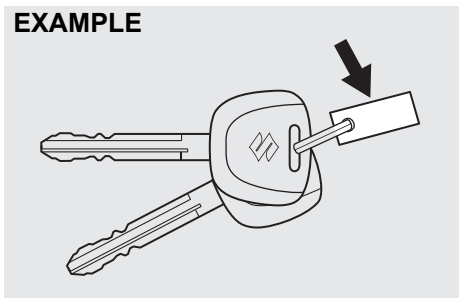
BEFORE DRIVING

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BEFORE DRIVING

Keys

EXAMPLE



54G489

Your vehicle comes with a pair of keys. The key(s) may or may not be equipped with a transmitter depending on model variant. Keep the spare key in a safe place. One key can open all of the locks on the vehicle.

The key identification number is stamped on a metal tag provided with the keys or on the keys. Keep the tag (if equipped) in a safe place. If you lose your keys, you will need this number to have new keys made. Write the number below for your future reference.

KEY NUMBER:

Immobilizer System

This system is designed to help prevent vehicle theft by electronically disabling the engine starting system.

The engine can be started only with your vehicle's original immobilizer ignition key or keyless push start system remote controller which has an electronic identification code programmed into it. The key or remote controller communicates the identification code to the vehicle when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON". If you need to make spare keys or remote controllers, see your Maruti Suzuki authorised workshop. The vehicle must be programmed with the correct identification code for the spare. A key made by an ordinary locksmith will not start the engine.



80JM122

If the immobilizer/keyless push start system warning light blinks when the ignition switch is in the "ON" position or the ignition mode is "ON", the engine will not start.

NOTE:

If the immobilizer/keyless push start system warning light blinks or comes on, a message may be shown on the information display.

NOTICE

Do not modify or remove the immobilizer system.

If modified or removed, the system cannot be properly operated.

This immobilizer system is maintenance-free.

For vehicles without keyless push start system

If this light blinks, turn the ignition switch to the "LOCK" position, then turn it back to the "ON" position.

If the light still blinks after the ignition switch is turned back to the "ON" position, there may be something wrong with your key or with the immobilizer system. Ask a Maruti Suzuki authorised workshop to have the system inspected.

For vehicles with keyless push start system

If this light blinks, change the ignition mode to "LOCK" (OFF), then change back to "ON". Also refer to "If the master warning indicator light blinks and the engine cannot be started" in "Starting the Engine (Vehicle with Keyless Push Start System)" in the "OPERATING YOUR VEHICLE" section.

If the light still blinks after the ignition mode is changed back to "ON", there may be something wrong with your key or with the immobilizer system. Ask a Maruti Suzuki

BEFORE DRIVING

authorised workshop to have the system inspected.

The immobilizer/keyless push start system warning light may also blink if the remote controller is not in the vehicle when you close the door or attempt to start the engine.

NOTE:

- If you lose your immobilizer ignition key or remote controller, see your Maruti Suzuki authorised workshop as soon as possible to have the lost one deactivated, then have the new key or remote controller made by them.
- If you own other vehicles with immobilizer keys, keep those keys away from the ignition switch or the engine switch when using your Vehicle, or the engine may not start because they may interfere with your vehicle's immobilizer system.
- If you attach any metal objects to the immobilizer key or remote controller, it may not start the engine.

NOTICE

The immobilizer key and remote controller are sensitive electronic instruments. To avoid damaging them:

- Do not expose them to impacts, moisture or high temperature such as on the dashboard under direct sunlight.
- Keep them away from magnetic objects.

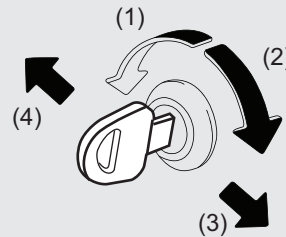
Ignition Key Reminder (if equipped)

A buzzer sounds intermittently to remind you to remove the ignition key if it is in the ignition switch when the driver's door is opened.

Door Locks

Side Door Locks

EXAMPLE



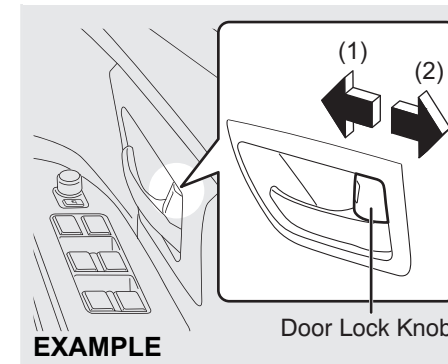
64MS018

- (1) LOCK
- (2) UNLOCK
- (3) Front
- (4) Rear

To lock a front door from outside the vehicle:

- Insert the key and turn the top of the key toward the rear of the vehicle, or
- Turn the lock knob forward, then pull and hold the door handle as you close the door.

To unlock a front door from outside the vehicle, insert the key and turn the top of the key toward the front of the vehicle.



64MM02002

- (1) LOCK
- (2) UNLOCK

To lock a door from inside the vehicle, turn the lock knob forward. Turn the lock knob rearward to unlock the door.

To lock a rear door from outside the vehicle, turn the lock knob forward and close the door. You do not need to pull and hold the door handle as you close the door.

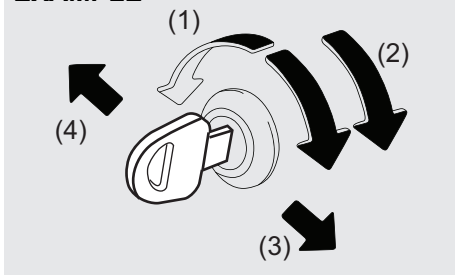
NOTE:

Be sure to hold the door handle when you close a locked front door, or the door will not remain locked.

BEFORE DRIVING

Central Door Locking System

EXAMPLE



64MS020

- (1) LOCK
- (2) UNLOCK
- (3) Front
- (4) Rear

You can lock and unlock all doors (including the tailgate) simultaneously by using the key in the driver's door lock.

To lock all doors simultaneously, insert the key in the driver's door lock and turn the top of the key toward the rear of the vehicle once.

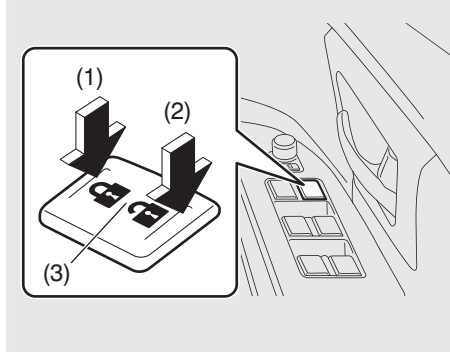
To unlock all doors simultaneously, insert the key in the driver's door lock and turn the top of the key toward the front of the vehicle twice.

NOTE:

You can switch the function that unlocks all doors from twice operations to once operation, and vice versa, via the setting mode of the information display. For details on how to use the information display, refer to "Information Display" in this section.

To unlock the driver's door only, insert the key in that door lock and turn the top of the key toward the front of the vehicle once.

EXAMPLE



64MM02003

- (1) LOCK
- (2) UNLOCK

You can also lock or unlock all doors by depressing the front or rear of the switch, (3) respectively.

Note:

- Individual doors can also be UNLOCKED anytime by using their respective "Door Lock Knob" inside the vehicle.
- If child proof locks are in locked position, rear doors cannot be opened from inside.

NOTE:

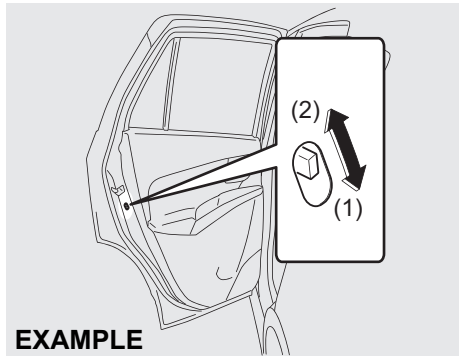
- You can also lock or unlock all doors by operating the transmitter or remote controller. Refer to "Keyless Push Start System Remote Controller/Keyless Entry System Transmitter" in this section.
- If your vehicle is equipped with the keyless push start system, you can also lock or unlock all doors by pushing the request switch. Refer to "Keyless Push Start System Remote Controller/Keyless Entry System Transmitter" in this section.

NOTE:

- All doors are automatically unlocked when you turn the ignition switch to the "LOCK" position and pull out the key, or press the engine switch to change the ignition mode to "LOCK" (OFF).
- All doors are automatically locked for safety when the vehicle speed reaches 15 km/h.
- You can change the automatic locking or unlocking function mentioned above via the setting mode of the information display. For details on how to use the information display, refer to "Information Display" in this section.

BEFORE DRIVING

Child-Proof Locks (rear door)



61MM0A046

- (1) LOCK
- (2) UNLOCK

Each of the rear doors is equipped with a child-proof lock which can be used to help prevent unwanted opening of the door from inside the vehicle. When the lock lever is in the LOCK position (1), the rear door can only be opened from outside. When the lock lever is in the UNLOCK position (2), the rear door can be opened from inside or outside.

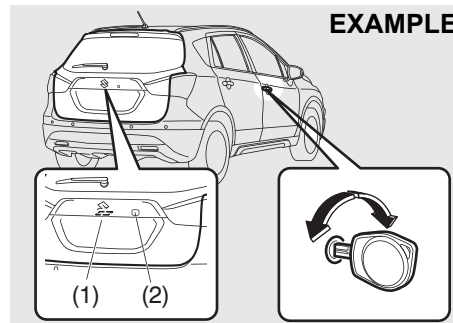
⚠ WARNING

Be sure to place the child-proof lock in the LOCK position whenever children are seated in the rear.

Tailgate

⚠ WARNING

Always make sure that the tailgate is closed and latched securely. Completely closing the tailgate helps prevent occupants from being thrown from the vehicle in the event of an accident. Completely closing it also helps keep exhaust gases from entering the vehicle.



64MS133

- (1) Tailgate unlatch switch
- (2) Request switch (if equipped)

Vehicle with keyless entry system

You can lock and unlock the tailgate by using the driver's door lock key. To open the tailgate, push and hold the tailgate unlatch switch (1) and lift the tailgate.

Vehicle with keyless push start system

You can lock or unlock the tailgate by pushing the request switch (2), when the keyless push start system remote controller is within the switch's operating range. For details refer to "Keyless Push Start System Remote Controller/Keyless Entry System Transmitter" in this section.

To open the tailgate push the tailgate unlatch switch (1) and lift the tailgate to open the trunk lid.

The tailgate unlatch switch (1) operates only to open the tailgate.

When all the doors are closed and if the keyless push start remote controller is left in the trunk, the tailgate will be automatically unlatched.

NOTE:

When the tailgate is closed incompletely, follow the procedure below:

- 1) Push the tailgate unlatch switch (1) and open the tailgate.
- 2) After a few seconds, close the tailgate.
- 3) Make sure that the tailgate is closed completely.

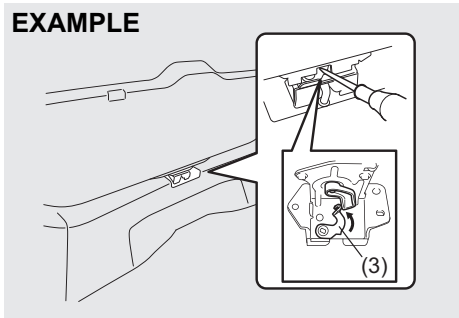
If you cannot unlatch the tailgate by pushing the unlatch switch (1) due to a discharged battery or malfunction, follow the procedures below to unlatch the tailgate from inside the vehicle.

- 1) Remove the luggage compartment cover (if equipped) and fold the rear seat forward for easier access. Refer to "Folding Rear Seats" section for details on how to fold the rear seat forward.

BEFORE DRIVING

- 2) Push open the tailgate from inside by pushing up on the emergency lever (3) using a flat blade screwdriver or the jack handle. The tailgate will be latched again by closing the tailgate simply.

EXAMPLE



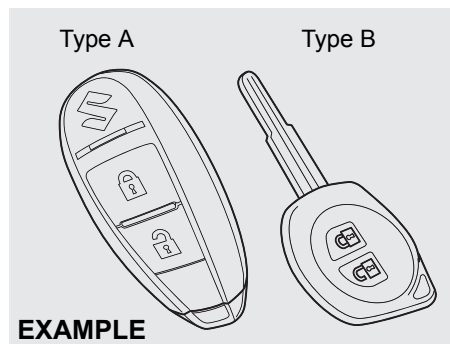
68LM246

If the tailgate cannot be unlatched by pushing the unlatch switch (1), have the vehicle inspected by a Maruti Suzuki authorised workshop.

CAUTION

- To avoid injury, do not use your finger to push the emergency lever.
- Make sure there is no one near the tailgate when pushing open the tailgate from inside the vehicle.

Keyless Push Start System Remote Controller/Keyless Entry System Transmitter (if equipped)



64MM02004

Your vehicle is equipped with either a keyless push start system remote controller (Type A) or a keyless entry system transmitter (Type B). The remote controller has a keyless entry system and a keyless push start system. The transmitter has only a keyless entry system. For details, refer to the following explanations.

WARNING

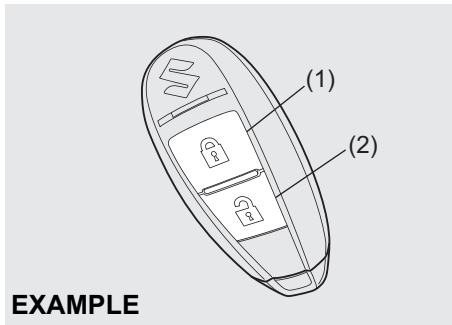
Radio waves from the keyless push start system antenna(s) may interfere with operation of electrical medical equipment such as pacemakers. Failure to take the precautions listed below can increase the risk of severe injury or death due to radio wave interference.

- Anyone who uses electrical medical equipment such as a pacemaker should consult the medical equipment supplier or their medical advisor about whether radio waves from the antenna(s) can interfere with the medical equipment.
- If radio wave interference is a concern, have the function of the antenna(s) disabled by a Maruti Suzuki authorised workshop.

Keyless Push Start System Remote Controller (Type A)

The remote controller enables the following operations:

- You can lock or unlock the doors by operating the LOCK/UNLOCK buttons on the remote controller. Refer to the explanation in this section.
- You can lock or unlock the doors by pushing the request switch. For details, refer to the explanation in this section.
- You can start the engine without using an ignition key. For details, refer to "Engine Switch" in the "OPERATING YOUR VEHICLE" section.



EXAMPLE

82PH02034

- (1) LOCK button
(2) UNLOCK button

You can lock or unlock all doors (including the tailgate) simultaneously by operating the remote controller near the vehicle.

Central door locking system

- To lock all doors, push the LOCK button (1) once.
- To unlock only the driver's door, push the UNLOCK button (2) once.
- To unlock other doors, push the UNLOCK button (2) once again.

NOTE:

You can switch the function that unlocks all doors from twice operations to once operation, and vice versa, via the setting mode of the information display. For details on how to use the information display, refer to "Information Display" in this section.

The turn signal lights will flash once and the siren will sound once when the doors are locked.

When the doors are unlocked:

- The turn signal lights will flash twice and the siren will sound twice.
- If the interior light switch is in the DOOR position, the interior light will turn on for about 15 seconds and then fade out. If you press the engine switch during this time, the light will start to fade out immediately.

Be sure the doors are locked after you operate the LOCK button (1).

If no door is opened within about 30 seconds after the UNLOCK button (2) is operated, the doors will automatically lock again.

Car locator function

This function helps in locating the vehicle. Push both of the LOCK button (1) and UNLOCK button (2) for more than 3 seconds. The turn signal lights will blink for about 27.5 seconds. Also, the siren will sound for about 27.5 seconds at the same time.

To cancel the car locator function, press any button (LOCK or UNLOCK). You can also change the ignition mode to "ON" to cancel the car locator function. You can also cancel the car locator function by any of the following operations.

- Press the engine switch to change the ignition mode to ON (if car is unlocked).
- Bring the remote controller with you and press the request switch (if car is locked).

NOTE:

The car locator function will not activate when the ignition mode is "ACC" or "ON" or pre warning / full blast warning by shock sensor or alarm is in activated condition.

NOTE:

- *If you lock the doors using the remote controller when the engine hood is open, the siren will sound 3 times to remind you.*
- *If the security system was triggered due to an unauthorized entry into the vehicle and then you unlock the doors using the remote controller, the siren will sound 4 times to remind you. If this happens, check whether your vehicle has been broken into while you were away from it.*

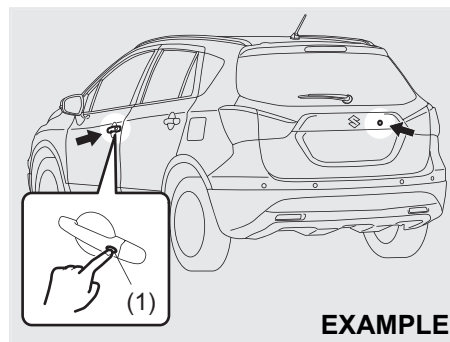
BEFORE DRIVING

- Once you push both of the LOCK button (1) and UNLOCK button (2), then you push one of the buttons within 5 seconds, the siren will not sound. However, if you push one of the buttons twice within 5 seconds, or push one of the buttons 5 seconds later, the siren will sound.
- You can set whether the siren sounds when locking or unlocking the door(s) via the setting mode of the information display. For details on how to use the information display, refer to "Information Display" in this section.

NOTE:

- The maximum operating distance of the remote controller is about 5 m (16 ft.), but this can vary depending on the surroundings, especially near other transmitting devices such as radio towers or CB (Citizen's Band) radios.
- The door locks cannot be operated with the remote controller if the ignition mode is other than the "LOCK" (OFF).
- When any door is open, if you push the LOCK button on the remote controller, the exterior buzzer will sound and doors cannot be locked.
- If you lose one of the remote controllers, ask a Maruti Suzuki authorised workshop as soon as possible for a replacement. Be sure to have your dealer program the new remote controller code in your vehicle's memory so that the old code is erased.

Keyless unlocking/locking using the request switches



EXAMPLE

When the remote controller is within the operating range described in this section, you can lock or unlock the doors (including the tailgate) by pushing the request switch (1) on the driver's door handle, front passenger's door handle or tailgate.

To lock all doors when all doors are unlocked:

- To lock all doors, push one of the request switches once.

The turn signal lights will flash once and the siren will sound once when the doors are locked.

To unlock a door or all doors:

- Push one of the request switches once to unlock only one door.
- Push one of the request switches twice to unlock all doors.

NOTE:

You can switch the function that unlocks all doors from twice operations to once operation, and vice versa, via the setting mode of the information display. For details on how to use the information display, refer to "Information Display" in this section.

When the doors are unlocked:

- The turn signal lights will flash twice and the siren will sound twice.
- If the interior light switch is in the door position, the interior light will turn on for about 15 seconds and then fade out. If you press the engine switch during this time, the light will start to fade out immediately.

Be sure the doors are locked after you operate the request switch to lock the doors.

NOTE:

- If you lock the doors using the request switch when the engine hood is open, the siren will sound 3 times to remind you.
- If the security system was triggered due to an unauthorized entry into the vehicle and then you unlock the doors using the request switch, the siren will sound 4 times to remind you. If this happens, check whether your vehicle has been broken into while you were away from it.
- You can set whether the siren sounds when locking or unlocking the door(s) via the setting mode of the information display. For details on how to use the infor-

BEFORE DRIVING

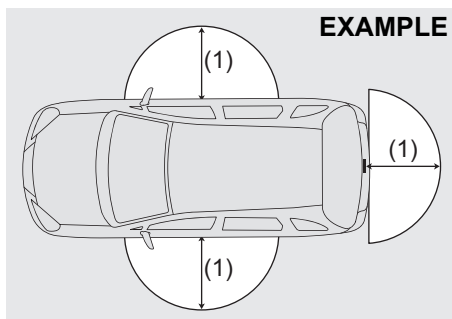
information display, refer to “Information Display” in this section.

NOTE:

- The door locks cannot be operated by the request switch under the following conditions:
 - If any door is open or is not completely closed.
 - If the ignition mode is other than “LOCK” (OFF).
- If no doors are opened within about 30 seconds after unlocking the doors by pushing the request switch, the doors will be locked again automatically.

NOTICE

- Do not operate request switch with sharp metal object.
- Do not use high pressure water on request switch.



EXAMPLE

80J056

(1) 80 cm (2 1/2 feet)

When the remote controller is within approximately 80 cm (2 1/2 feet) from a front door handle or the tailgate switch, you can lock or unlock the doors by pushing the request switch.

NOTE:

- If the remote controller is outside the request switch operating range described above, you will not be able to operate the request switch.
- If the battery of the remote controller runs down or there are strong radio waves or noise, the request switch operating range may be reduced or the remote controller may be inoperative.
- If the remote controller is too close to the door glass, the request switches may not operate.
- If a spare remote controller is in the vehicle, the request switches may not operate normally.
- The remote controller will only operate a request switch if it is within the switch's operating range. For example, if the remote controller is within the operating range of the driver's door request switch but not the front passenger's door request switch or the tailgate request switch, the driver's door switch can be operated but the front passenger's door switch or tailgate switch cannot be operated.
- Avoid operations of switch with sharp objects.

NOTICE

The remote controller is a sensitive electronic instrument. To avoid damaging the remote controller:

- Do not expose it to impacts, moisture or high temperature such as by leaving it on the dashboard under direct sunlight.
- Keep the remote controller away from magnetic objects such as a television.

NOTE:

The keyless push start system may not function correctly in certain environments or under certain operating conditions such as the following:

- When there are strong signals coming from a television, power station or a cellular phone.
- When the remote controller is in contact with or covered by a metal object.
- When a radio wave type remote keyless entry is used nearby.
- When the remote controller is placed near an electronic device such as personal computer.

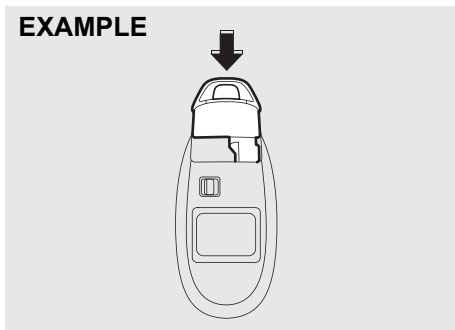
Some additional precautions you should take and information you should be aware of are:

- Make sure the key is stowed in the remote controller. If the remote controller becomes unreliable, you will not be able to lock or unlock the doors.

BEFORE DRIVING

- Be sure that the driver always carries the remote controller.
- If you lose one of the remote controllers, ask a Maruti Suzuki authorised workshop as soon as possible for a replacement. Be sure to have your dealer program the new remote controller code in your vehicle's memory so that the old code is erased.
- You can use up to four remote controllers and the keys for your vehicle. Ask a Maruti Suzuki authorised workshop for details.
- The battery life of the remote controller is about two years, but it can vary depending on usage conditions.

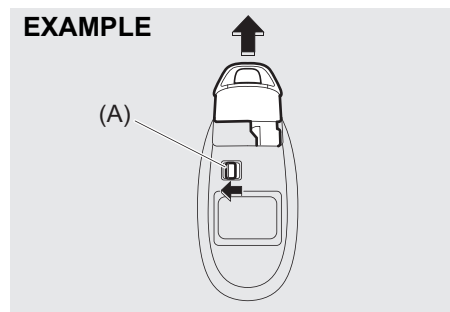
EXAMPLE



57L21016

To stow the key into the remote controller, push the key in the remote controller until you hear a click.

EXAMPLE



68LM247

To remove the key from the remote controller, push the button (A) in the direction of the arrow and pull the key out from the remote controller.

Request switch warning buzzer

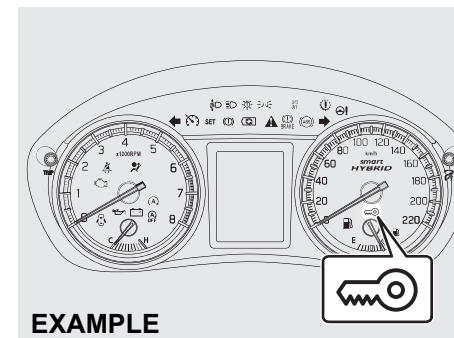
This exterior buzzer beeps for about 2 seconds in the following conditions to warn you that the request switch is not working:

- The request switch is pressed after all doors are closed with the ignition mode changed to "ACC" or "ON" position by pressing the engine switch when the controller is outside the vehicle.
- The request switch is pressed in any of the following conditions after changing the ignition mode to "LOCK" (OFF) by pressing the engine switch.
 - The remote controller is left inside the vehicle.
 - Any door (including the tailgate) is open.

Press the request switch again after doing the following:

With the ignition mode changed to "LOCK" (OFF) by pressing the engine switch, bring out the remote controller if it is inside the vehicle and check that all doors are completely closed.

Reminder function



EXAMPLE

64MM02016

If the remote controller is not in the vehicle under the following conditions, the buzzer sounds intermittently for about 2 seconds and the immobilizer/keyless push start system warning light on the instrument cluster blinks, under the following condition:

- When one or more doors are opened and all of the doors are later closed with the ignition mode is other than "LOCK".

The immobiliser/keyless push start system warning light will turn off within several seconds after the remote controller is

BEFORE DRIVING

returned to an area of the vehicle other than the rear luggage area.

If the remote controller is left in the vehicle and you lock the driver's door or front passenger's door as described below, the door will be automatically unlocked.

- If you open the driver's door and lock the door by turning the lock knob forward or pushing the power door locking switch, the driver's door will be automatically unlocked.
- If you open the front passenger's door and lock the door by turning the lock knob forward or pushing the power door locking switch, the front passenger's door will be automatically unlocked.

NOTE:

- *The reminder will not operate when the remote controller is on the instrument panel, in the glove box, in a storage compartment, in the sun visor or on the floor etc.*
- *Be sure that the driver always carries the remote controller.*
- *Do not leave the remote controller in the vehicle when leaving the vehicle.*

Battery replacement

If the remote controller becomes unreliable, replace the battery.

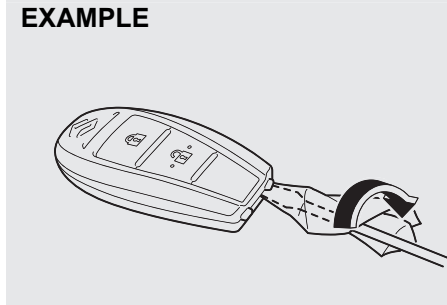
NOTICE

When replacing the battery, do not touch the electronic component in the remote controller with wet or oil-stained hands. Otherwise, the remote controller may be damaged.

To replace the battery of the remote controller:

- 1) Pull the key out from the remote controller.

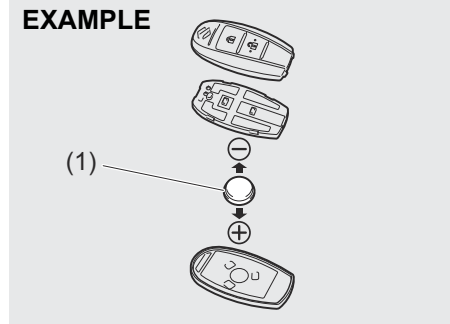
EXAMPLE



71LMT0201

- 2) Insert a flat blade screwdriver covered with a soft cloth in the slot of the remote controller and pry it open.

EXAMPLE



68LM210

- (1) Lithium disc type battery: CR2032 or equivalent

- 3) Replace the battery (1) so its + terminal faces the bottom of the case as shown in the illustration.
- 4) Close the remote controller firmly.
- 5) Make sure the door locks can be operated with the remote controller.
- 6) Dispose of the used battery properly according to applicable rules or regulations. Do not dispose of lithium batteries with ordinary household trash.

⚠ WARNING

Swallowing a lithium battery may cause serious internal injury. Do not allow anyone to swallow a lithium battery. Keep lithium batteries away from children and pets. If swallowed, contact a physician immediately.

BEFORE DRIVING

NOTICE

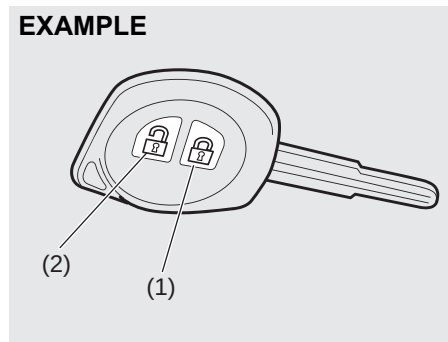
- The remote controller is a sensitive electronic instrument. To avoid damaging it, do not expose it to dust or moisture or tamper with internal parts.
- When replacing the battery by yourself, the remote controller could be damaged affected by static electricity. Discharge the static electricity built up in your body by touching metal before replacing the battery.

NOTE:

Used batteries must be disposed properly according to applicable rules or regulations and must not be disposed with ordinary household trash.

Keyless Entry System Transmitter (Type B)

EXAMPLE



66RM02001

- (1) LOCK button
- (2) UNLOCK button

You can lock or unlock all doors (including the tailgate) simultaneously by operating the transmitter near the vehicle.

Central door locking system

- To lock all doors, push the LOCK button (1) once.
- To unlock only the driver's door, push the UNLOCK button (2) once.
- To unlock other doors, push the UNLOCK button (2) once again.

NOTE:

You can switch the function that unlocks all doors from twice operations to once operation, and vice versa, via the setting mode of the information display. For details on

how to use the information display, refer to "Information Display" in this section.

The turn signal lights will flash once and the siren (if your vehicle is equipped with the security system) will sound once when the doors are locked.

When the doors are unlocked:

- The turn signal lights will flash twice and the siren (if your vehicle is equipped with the security system) will sound twice.
- If the interior light switch is in the DOOR position, the interior light will turn on for about 15 seconds and then fade out. If you insert the key into the ignition switch during this time, the light will start to fade out immediately.

Be sure the doors are locked after you operate the lock button (1).

NOTE:

If no door is opened within about 30 seconds after the unlock button (2) is operated, the doors will automatically lock again.

NOTE:

(For models with security system)

- If you lock the doors using the transmitter when the engine hood is open, the siren will sound 3 times to remind you.
- If the security system was triggered due to an unauthorized entry into the vehicle and then you unlock the doors using the transmitter, the siren will sound 4 times to remind you. If this happens, check

BEFORE DRIVING

whether your vehicle has been broken into while you were away from it.

- Once you push both of the LOCK button (1) and UNLOCK button (2), then you push one of the buttons within 5 seconds, the siren will not sound. However, if you push one of the buttons twice within 5 seconds, or push one of the buttons 5 seconds later, the siren will sound.
- You can set whether the siren sounds when locking or unlocking the door(s) via the setting mode of the information display. For details on how to use the information display, refer to "Information Display" in this section.

NOTE:

- The maximum operating distance of the keyless entry system transmitter is about 5 m (16 ft.), but this can vary depending on the surroundings, especially near other transmitting devices such as radio towers or CB (Citizen's Band) radios.
- The door locks cannot be operated with the transmitter, if the ignition key is inserted in the ignition switch.
- When any door is open, the door locks can be operated only by unlocking with the transmitter. With this unlocking operation, the turn signal lights will flash twice and the siren (if your vehicle is equipped with the security system) will sound twice.

- If you lose one of the transmitters, ask a Maruti Suzuki authorised workshop as soon as possible for a replacement. Be sure to have your dealer program the new transmitter code in your vehicle's memory so that the old code is erased.

NOTICE

The transmitter is a sensitive electronic instrument. To avoid damaging the transmitter:

- Do not expose it to impacts, moisture or high temperature such as by leaving it on the dashboard under direct sunlight.
- Keep the transmitter away from magnetic objects such as a television.

Car locator function (if equipped)

This function helps in locating the vehicle. Push both of the LOCK button (1) and UNLOCK button (2) for more than 3 seconds. The turn signal lights will blink for about 27.5 seconds. Also, the siren will sound for about 27.5 seconds at the same time.

To cancel the car locator function, press any button (LOCK or UNLOCK). You can also turn the ignition switch to the "ON" position to cancel the car locator function.

NOTE:

The car locator function will not activate when the key is in the ignition switch or pre warning / full blast warning by shock sensor or alarm is in activated condition.

Battery replacement

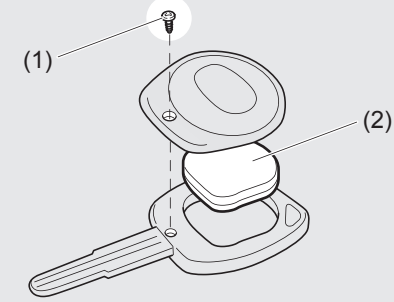
If the transmitter becomes unreliable, replace the battery.

NOTICE

When replacing the battery, do not touch the electronic component in the transmitter with wet or oil-stained hands. Otherwise, the transmitter may be damaged.

To replace the battery of the transmitter:

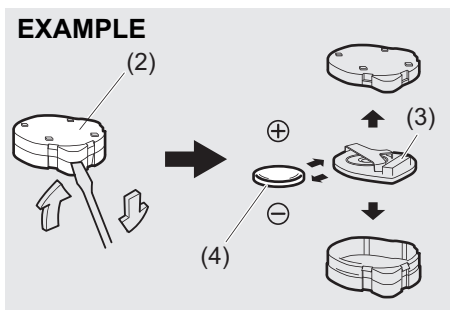
EXAMPLE



68LM248

- 1) Remove the screw (1), and open the transmitter cover.
- 2) Remove the transmitter (2).

BEFORE DRIVING



64MS197

- (4) Lithium disc type battery: CR1620 or equivalent
- 3) Put the edge of a flat blade screwdriver in the slot of the transmitter (2) and pry it open.
- 4) Hold the cover around the electric component (3), insert a precision screwdriver covered with insulating tape in the space between the cover and the component, and then remove the component.
- 5) Replace the battery (4) so its + terminal faces the "+" mark of the transmitter. Insert the battery all the way into the holder.
- 6) Close the transmitter and install it into the transmitter holder.
- 7) Close the transmitter cover, install and tighten the screw (1).
- 8) Make sure the door locks can be operated with the transmitter.

- 9) Dispose of the used battery properly according to applicable rules or regulations. Do not dispose of lithium batteries with ordinary household trash.

⚠ WARNING

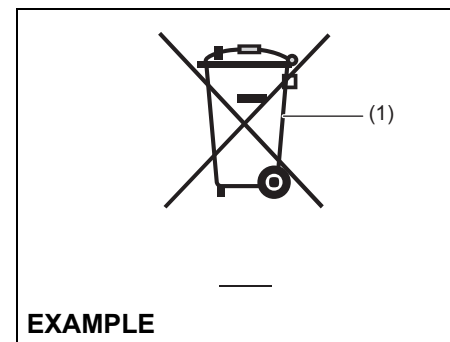
Swallowing a lithium battery may cause serious internal injury. Do not allow anyone to swallow a lithium battery. Keep lithium batteries away from children and pets. If swallowed, contact a physician immediately.

NOTICE

- **The transmitter is a sensitive electronic instrument. To avoid damaging it, do not expose it to dust or moisture or tamper with internal parts.**
- **When replacing the battery by yourself, the transmitter could be damaged affected by static electricity. Discharge the static electricity built up in your body by touching metal before replacing the battery.**

NOTE:

Used batteries must be disposed properly according to applicable rules or regulations and must not be disposed with ordinary household trash.



80JM133

EXAMPLE

- (1) Crossed-out wheeled bin symbol

The crossed-out wheeled bin symbol (1) indicates that a used battery should be collected separately from ordinary household trash.

By ensuring the used battery is disposed of or recycled correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate battery disposal. The recycling of materials will help to conserve natural resources. For more detailed information about disposing of or recycling the used battery, consult a Maruti Suzuki authorised workshop.

BEFORE DRIVING

Security System (if equipped)

The security system is armed after you lock all doors (including the engine hood and tailgate) by using the keyless entry system transmitter, keyless push start system remote controller or request switch.

Once the system is armed, any attempt to open a door by using any other means (*) than the keyless entry system transmitter, keyless push start system remote controller or request switch, or open the engine hood, will cause the alarm to be triggered.

* These means include the following:

- The key
- The lock knob on a door
- The central door locking switch

Also, in case that you have set the shock sensor to enabled state and set sensitivity of the pre-warning function and full blast warning function to a level other than 0, the warning will be triggered if any attempt is made to tamper with the vehicle. The shock sensor can be selected to enabled or disabled state, and sensitivity of each warning can be adjusted as desired. To set the shock sensor, ask a Maruti Suzuki authorised workshop or use the setting mode of the information display.

NOTE:

- The default setting of the shock sensor is in the disabled state. Set to the enabled state and adjust sensitivity of each warning according to your preference. For details on how to use the infor-

mation display, refer to “Information Display” in this section.

- Your dealer may have already set the shock sensor of the vehicle to the enabled state before you purchase it. Consult your dealer for further information.

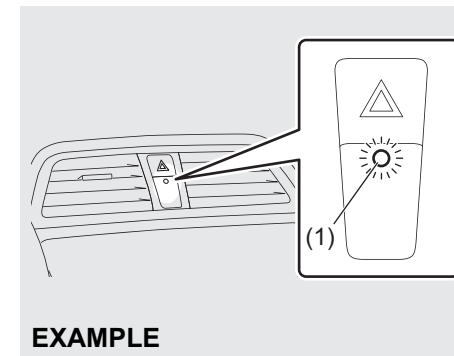
NOTE:

- The security system generates alarms when any of the predetermined conditions is met. However, the system does not have any function of blocking unauthorized entry into the vehicle.
- Always use the keyless entry system transmitter, keyless push start system remote controller or request switch to unlock the doors when the security system has been armed. Using a key instead will trigger the alarm.
- If a person who does not know the security system is going to drive the vehicle, we recommend you explain the system and its operation to the person.
- Even if the security system is armed, you should still be careful to guard against theft. Do not leave money or things of value in the vehicle.

How to arm the security system

Lock all doors (including the engine hood and tailgate) using the keyless entry system transmitter, keyless push start system remote controller or request switch.

When the system is armed, the security system indicator (1) continues to blink at intervals of approximately 2 seconds.



61MM0A134

EXAMPLE

NOTE:

- To prevent the alarm from being accidentally triggered, avoid arming it while anyone remains inside the vehicle. The alarm will be triggered if any person inside opens the door, tailgate, engine hood, or warning may be triggered if anyone swings the vehicle (if the shock sensor is in the enabled state).
- The security system is not armed when all doors are locked using the key from outside, or using the door lock knobs or

BEFORE DRIVING

the central door locking switch from inside.

- If any door is not operated within approximately 30 seconds after the doors have been unlocked using the keyless entry system transmitter, keyless push start system remote controller or request switch, the doors are automatically locked again. When the doors are locked, the security system will be armed.
- If the security system indicator (1) blinks when the ignition switch is in the "ON" position or the ignition mode is "ON", there may be something wrong with the security system. Ask a Maruti Suzuki authorised workshop to inspect the system.

How to disarm the security system

Simply unlock the doors using the keyless entry system transmitter, keyless push start system remote controller or request switch. The security system indicator will go out, indicating that the security system is disarmed.

How to stop the alarm

Should the alarm be triggered accidentally, unlock the doors using the keyless entry system transmitter, keyless push start system remote controller or request switch, or in case of emergency, insert the key in the ignition switch and turn it to "ON" position, or press the engine switch to change the ignition mode to "ON". The alarm will then stop.

NOTE:

- Even after the alarm has stopped, if you lock the doors using the keyless entry system transmitter, keyless push start system remote controller or request switch, the security system will be rearmed.
- If you disconnect the battery while the security system is in the armed condition or the alarm is actually in operation, the alarm will be re-triggered when the battery is then reconnected.
- Even after the alarm has stopped at the end of the predetermined operation time, it will be triggered again if any of the doors, tailgate or engine hood is opened, or the warning may be triggered if the vehicle feels a shock (if the shock sensor is in the enabled state), without disarming the security system.

Checking whether the alarm has been triggered during parking

If the alarm was triggered and you then turn the ignition switch to "ON" position, or press the engine switch to change the ignition mode to "ON", the security system indicator will blink rapidly for about 8 seconds and a buzzer will beep 4 times during this period. If this happens, check whether the vehicle has been broken into while you were away from it.

Security system indication

- If any of the doors are opened without unlocking by the keyless entry system transmitter, keyless push start system remote controller or request switch, all turn signal lights start to blink and the interior buzzer beeps intermittently. After 5 seconds, the siren will sound for about 27.5 seconds. The security system indicator continues to blink during this time.
- If the engine hood is opened, all turn signal lights blink, and the siren sounds for about 27.5 seconds. The security system indicator continues to blink during this time.
- If the shock sensor is in enabled state and the vehicle feels a shock higher than the pre-warning sensitivity, the siren sounds for about 2 seconds (pre-warning). If the vehicle feels a shock higher than full blast warning sensitivity, siren will sound for about 4.5 seconds (full blast warning). The security system indicator continues to blink during this time.

NOTE:

If you set the full blast warning sensitivity higher than the pre-warning sensitivity in the setting mode of the information display, or the vehicle feels such shock as to be able to trigger the full blast warning, the full blast warning will be triggered preferentially. In this case, the pre-warning will not be triggered.

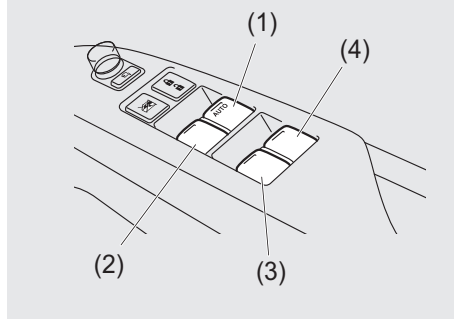
Windows

Electric Window Controls

The electric windows can only be operated when the ignition switch is in the "ON" position or the ignition mode is "ON".

Driver's side

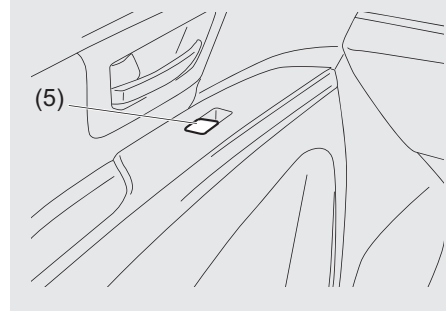
EXAMPLE



The driver's door has a switch (1) to operate the driver's window, and a switch (2) to operate the front passenger's window and there are switches (3), (4), to operate the rear left and right passenger windows, respectively.

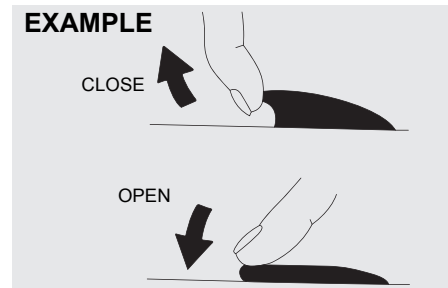
Passenger's door

EXAMPLE



The passenger's door has a switch (5) to operate the passenger's window.

EXAMPLE

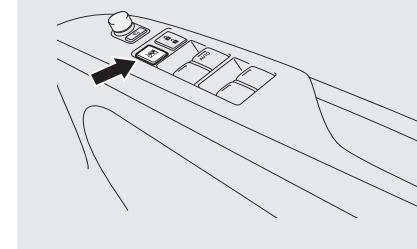


To open a window, push the top part of the switch and to close the window lift up the top part of the switch.

The driver's window has AUTO-DOWN and AUTO-UP features for added convenience (at toll booths or drive-through restaurants, for example). This means the driver can open or close the window without holding the window switch in the DOWN or UP position. Press down or lift up the driver's window switch completely and release it. To stop the window before it reaches the full-down or full-up position, pull up or push down the switch briefly.

Lock switch

EXAMPLE



The driver's door also has a lock switch for the passenger's window(s). When you push in the lock switch, the passenger's window(s) cannot be raised or lowered by operating any of the switches (2), (3), (4) or (5). To restore normal operation, release the lock switch by pushing again.

BEFORE DRIVING

WARNING

- You should always lock the passenger's window operation when there are children in the vehicle. Children can be seriously injured if they get part of their body caught by the window during operation.
- To avoid injuring an occupant by window entrapment, be sure no part of the occupant's body such as hands or head is in the path of the electric windows when closing them.
- Always remove the ignition key or take the keyless push start system remote controller with you when leaving the vehicle even if only for a short time. Also do not leave children alone in a parked vehicle. Unattended children may operate the electric window switches and get trapped by the window.

NOTE:

If you drive with one of the rear windows open, you may hear a loud sound caused by air vibration. To reduce the sound, open the driver's or front passenger's window, or narrow the rear window opening.

Pinching Prevention Function

The driver's window is equipped with the pinching prevention function. The function detects a foreign object caught in the window while being closed by the AUTO-UP feature, which you can close the window without holding the window switch in the UP position, and stops the window closing to prevent damage.

WARNING

To avoid injuring an occupant by window entrapment, be sure no part of the occupant's body such as hands or head is in the path of the electric window when closing it. The function may not detect the object depending on size, hardness, and position of the object caught by the closing window.

CAUTION

- The pinching prevention function does not act while you are holding the window switch in the "UP" position.
- The pinching prevention function may not detect an object caught in the window just before the window is fully closed.

NOTE:

Even if you cannot close the window by the AUTO-UP feature because there may be something wrong with the pinching prevention function, you can close the window by holding the window switch in the UP position.

If you drive in extreme off-road condition, the pinching prevention function may operate accidentally because the window react to vehicle jolting.

The Pinching Prevention Function Initialization

When you disconnect and re-connect the battery or replace the fuse, the function will be deactivated. In this condition, the AUTO-DOWN feature will be deactivated, while the AUTO-UP feature may remain being activated. The pinching prevention function needs to be initialized.

To initialize the pinching prevention function, use the following procedure:

- 1) Turn the ignition switch to the "ON" position or press the engine switch to change the ignition mode to "ON".
- 2) Open the driver's window fully by holding the window switch in the DOWN position.
- 3) Close the driver's window by holding the switch in the UP position, and keep holding the switch for 2 seconds after the window fully closed.
- 4) Check the driver's window if the AUTO-DOWN/UP feature work.

⚠ WARNING

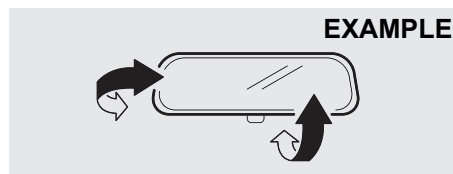
Whenever you disconnect and reconnect the battery or replace the fuse, the pinching prevention function needs to be initialized. The pinching prevention function will not be activated until the initialization complete.

If the AUTO-DOWN/UP feature would not work after initialization, there might be something wrong with the pinching prevention function. Have your vehicle inspected by a Maruti Suzuki authorised workshop.

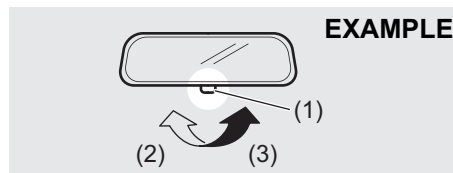
Mirrors**⚠ WARNING**

Failure to observe following point may result in loss of vehicle control and cause an accident, leading to death or serious injury. Always follow below points while driving.

- Do not adjust the mirrors while driving.
- Always unfold all the outside rear-view mirrors and adjust properly before driving.
- Do not place objects in the rear of the vehicle which may hinder visibility or interfere with your vision from the rear window glass.

Inside Rearview Mirror

68LMT0205



68LMT0206

- (2) Day driving
(3) Night driving

You can adjust the inside rearview mirror by hand so as to see the rear of your vehicle in the mirror. To adjust the mirror, set the selector tab (1) to the day position, then move the mirror up, down or sideways by hand to obtain the best view.

When driving at night, you can move the selector tab to the night position to reduce glare from the headlights of vehicles behind you.

⚠ WARNING

- Always adjust the mirror with the selector set to the day position.
- Only use the night position if it is necessary to reduce glare from the headlights of vehicles behind you. Be aware that in this position you may not be able to see some objects that could be seen in the day position.

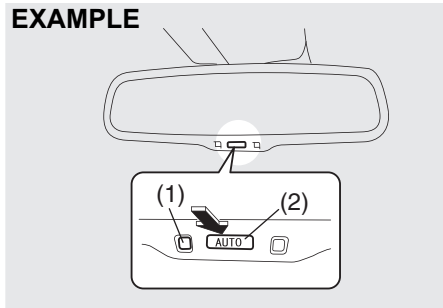
⚠ CAUTION

Do not modify the inside rearview mirror or install a non-genuine wide mirror. It could result in injury during accident.

BEFORE DRIVING

Auto Dimming Rearview Mirror (if equipped)

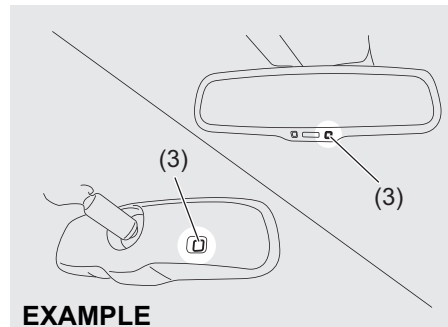
EXAMPLE



57L30019

You can adjust the auto dimming rearview mirror by hand so you can see to the rear of your vehicle in the mirror. This rearview mirror has a function of automatically reducing glare from the lights of vehicles behind you. The function works when the ignition mode has been changed to "ON" by pressing the engine switch.

- The mirror is always set to the automatic dimming mode when the engine switch is in the "ON" mode.
- When the "AUTO" switch (2) is pushed, the green indicator (1) is lit, indicating that the mirror is set to the automatic dimming mode. To cancel the automatic dimming mode, push the "AUTO" switch (2); the indicator (1) then goes out.
- The auto dimming rearview mirror is automatically deactivated while the gear-shift lever is in the "R" position.



57L30020

⚠ WARNING

Do not touch or cover the sensor (3) since this may impair normal operation of the system. Blocking glare from the sensor with an object such as a shade, sticker, accessory or baggage may also impair proper operation of the system

⚠ CAUTION

The electrolyte may come out when the mirror is broken. Do not allow it come into contact with your skin or eyes. If it accidentally comes in contact with eyes or skin, flush with water and consult a doctor immediately.

NOTICE

Do not hook anything heavy on the mirror, or the mirror may break under the weight.

NOTE:

Auto dimming system may not work in any of the following cases:

- *Light from the rear is not directly focused to the sensor (3).*
- *Rear window glass is not transparent enough or is dark tinted glass.*

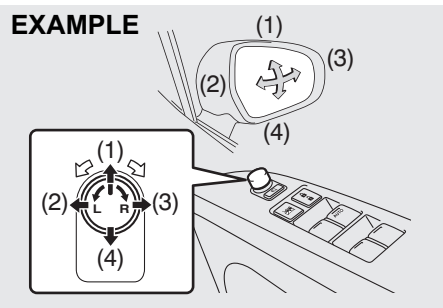
Outside Rearview Mirrors

Adjust the outside rearview mirrors so you can just see the side of your vehicle in the mirrors.

⚠ WARNING

Be careful when judging the size or distance of a vehicle or other object seen in the side convex mirror. Be aware that objects look smaller and appear farther away than when seen in a flat mirror.

BEFORE DRIVING



The switch to control the electric mirrors is located on the driver's door panel. You can adjust the mirrors when the ignition switch is in the "ACC" or "ON" position, or the ignition mode is "ACC" or "ON". To adjust the mirrors:

- 1) Move the selector switch to the left or right to select the mirror you wish to adjust.
- 2) Press the outer part of the switch that corresponds to the direction in which you wish to move the mirror.
- 3) Return the selector switch to the center position to help prevent unintended adjustment.

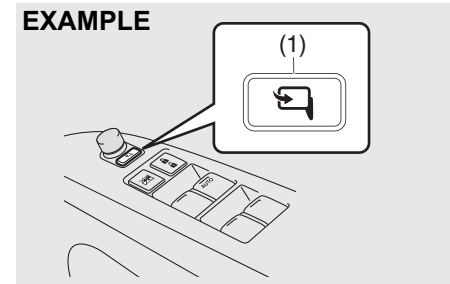
NOTICE

- The electric type outside rearview mirror operates even though the ignition switch is in the ACC position. However, to prevent unnecessary battery discharge, do not adjust the mirrors longer than necessary while the engine is not running
- The mirrors stop moving when they reach the maximum adjusting angles, but the motor continues to operate while the switch is pressed. Do not continue to press the switch in such a situation, as the motor may be damaged.
- Do not attempt to adjust the outside rearview mirror by hand which may cause damage to the motor.

Outside Rearview Mirrors Folding Switch (if equipped)

NOTICE

Do not fold the electrical foldable outside rearview mirror by hand. It could cause motor failure.



You can fold the mirrors when you park the vehicle in a narrow space. When the ignition switch is in the "ACC" or "ON" position, or the ignition mode is "ACC" or "ON", push the folding switch (1) to fold and unfold the mirrors. Make sure the mirrors are completely unfolded before you start driving.

BEFORE DRIVING



CAUTION

Moving mirrors can pinch and injure a hand. Do not allow any one's hand to get near the mirrors when folding and unfolding the mirrors.

NOTE:

- *If you press the folding switch to open the outside rearview mirrors and simultaneously start the engine, then the outside rearview mirrors may get stuck during that moment. In such a situation, to open the outside rearview mirrors completely, again press the folding switch after starting the engine.*
- *Slight time difference in opening of both outside rearview mirrors is due to angular positioning of the driver seat.*

Front Seats

Seat Adjustment

WARNING

Never attempt to adjust the driver's seat or seatback while driving. The seat or seatback could move unexpectedly, causing loss of control. Make sure that the driver's seat and seatback are properly adjusted before you start driving.

WARNING

To avoid excessive seat belt slack, which reduces the effectiveness of the seat belts as a safety device, make sure that the seats are adjusted before the seat belts are fastened.

WARNING

All seatbacks should always be in an upright position when driving, or seat belt effectiveness may be reduced. Seat belts are designed to offer maximum protection when seatbacks are in the upright position.

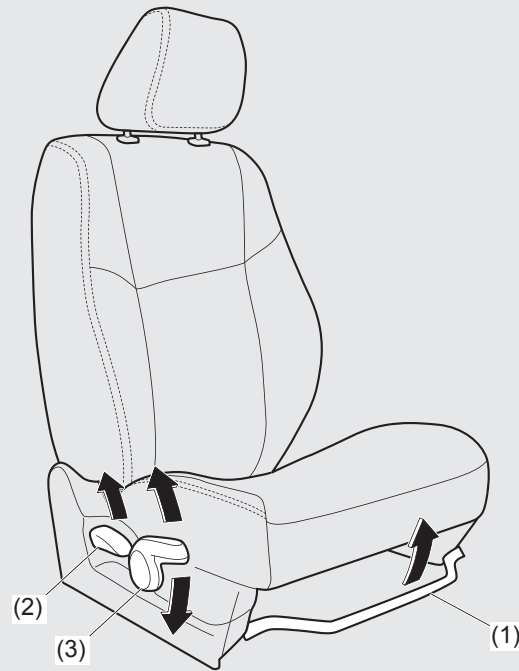
CAUTION

Do not place any object under the front seat. If an object gets stuck under the front seat, the seat shall not be latched properly and may cause injury.

Also, the lithium-ion battery, located under the front left side seat in a model equipped with ENG A-STOP system will be damaged.

BEFORE DRIVING

EXAMPLE



64MS154

Seat position adjustment lever (1)

Pull the lever up and slide the seat.

Seatback angle adjustment lever (2)

Pull the lever up and move the seatback.

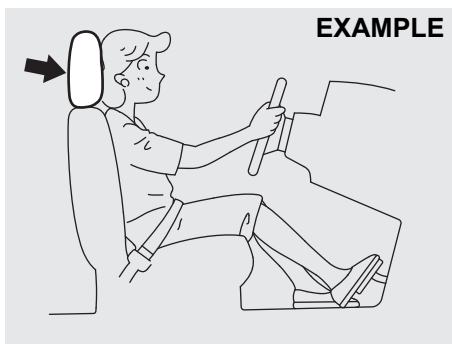
Seat height adjustment lever (3) (if equipped)

Pull the lever up to raise the seat. Push the lever down to lower the seat.

After adjustment, try to move the seat and seatback forward and rearward to ensure that it is securely latched.

NOTE:

To operate the seat back smoothly, pull the seat back adjustment lever (2) in upward direction. Ensure to move seat back only after lever is moved to fully up position. After adjustment of seat back, release the lever gently. Check that seat back is locked by moving it forward and backward.

Head Restraints

80J001

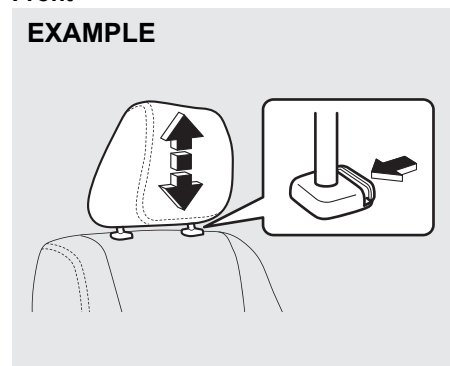
Head restraints are designed to help reduce the risk of neck injuries in the case of an accident. Adjust the head restraint to the position which places the center of the head restraint closest to the top of your ears. If this is not possible for very tall passengers, adjust the head restraint as high as possible.

⚠ WARNING

- **Never drive the vehicle with the head restraints removed.**
- **Do not attempt to adjust the head restraint while driving.**

NOTE:

It may be necessary to recline the seat-back to provide enough overhead clearance to remove the head restraint.

Front

64MS163

To raise the front head restraint, pull upward on the restraint until it clicks. To lower the restraint, push down the restraint while holding in the lock lever. If a head restraint must be removed (for cleaning, replacement, etc.), push in the lock lever and pull the head restraint all the way out.

BEFORE DRIVING

Rear Seats

Seat Adjustment

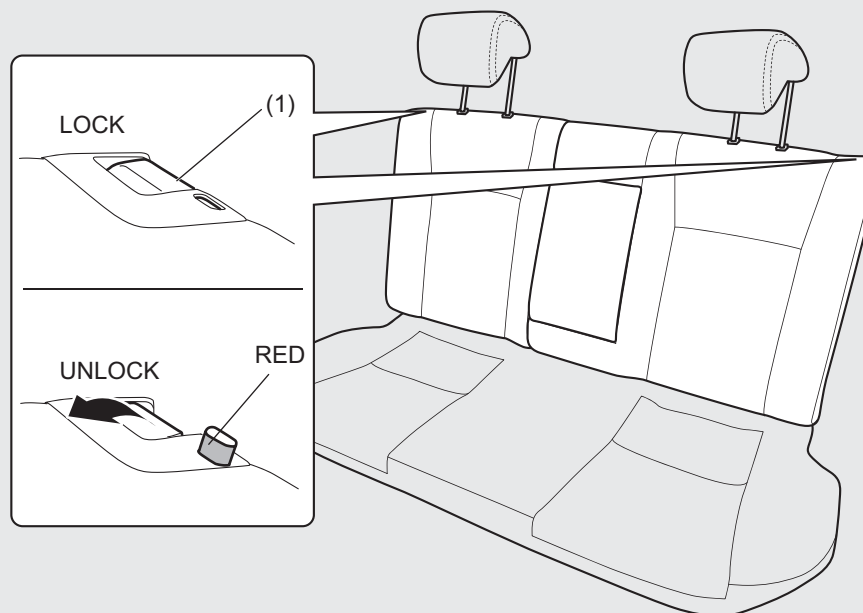
WARNING

To avoid excessive seat belt slack, which reduces the effectiveness of the seat belts as a safety device, make sure that the seats are adjusted before the seat belts are fastened.

WARNING

All seatbacks should always be in an upright position when driving, or seat belt effectiveness may be reduced. Seat belts are designed to offer maximum protection when seatbacks are in the upright position.

EXAMPLE



64MS155

BEFORE DRIVING

Seatback angle adjustment lever (1) (if equipped)

Pull the lever up and move the seatback. After adjustment, try to move the seatback forward and rearward to ensure that it is securely latched.

⚠ CAUTION

After securing the rear seatback, make sure that it is locked securely. If it is not, red will appear beside the lever.

Head Restraints

Head restraints are designed to help reduce the risk of neck injuries in the case of an accident.

⚠ WARNING

- Never drive the vehicle with the head restraints removed.
- Do not attempt to adjust the head restraint while driving.

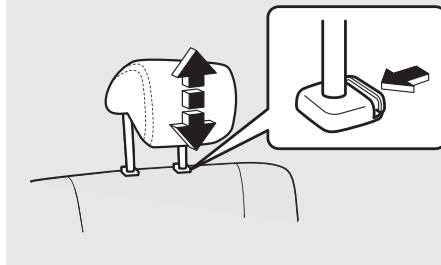
NOTE:

It may be necessary to fold forward the seatback to provide enough overhead clearance to remove the head restraint.

Adjust the head restraint to the position which places the center of the head restraint closest to the top of your ears. If this is not possible for very tall passengers, adjust the head restraint as high as possible.

Rear

EXAMPLE



64MS156

To raise the rear head restraint, pull upward on the restraint until it clicks. To lower the restraint, push down the restraint while holding in the lock lever. If a head restraint must be removed (for cleaning, replacement, etc.), push in the lock lever and pull the head restraint all the way out.

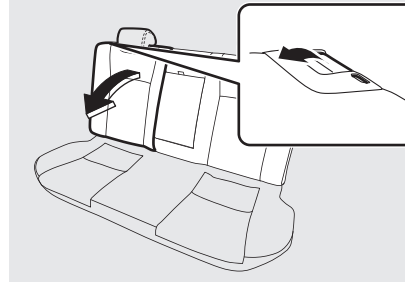
When installing a child restraint system, raise the head restraint to the most upper position.

Folding Rear Seat(s)

The rear seat(s) of your vehicle can be folded forward to provide additional cargo space.

To fold the rear seat(s) forward:
1) Lower the head restraint fully.

EXAMPLE



64MS157

- 2) Pull the release lever on the top of each split seat, and fold the seatback(s) forward.

NOTICE

After folding the rear seatback forward, do not allow any foreign material to enter the lock opening. This may cause damage to the inside of the lock and prevent the seatback from being locked securely.

⚠ WARNING

If you need to carry cargo in the passenger compartment with the rear seat back folded forward, be sure to secure the cargo or it may be thrown about, causing injury. Never pile cargo higher than the seatbacks.

BEFORE DRIVING

To return the seat to the normal position, follow the procedure below.

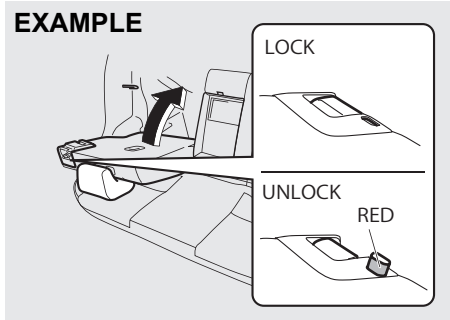
⚠ CAUTION

When returning the rear seatback to the normal position, be careful that your finger is not caught between the lock and the striker.

NOTICE

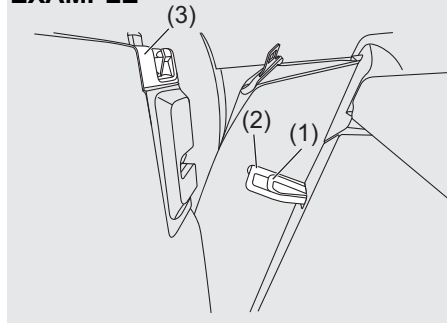
When returning the rear seatback to the normal position, make sure that there is nothing around the striker. Any foreign materials prevent the seatback from being locked securely.

EXAMPLE



Raise the seatback until it locks into place.

EXAMPLE



The rear seatback (3) will lock in two positions (1) and (2) (if equipped). You can lock the rear seatback in position (2) to increase the luggage compartment area. After returning the seat, try to move the seatback forward and rearward to ensure that it is securely latched.

⚠ CAUTION

Do not put your hand into the rear seatback lock opening, or your finger may get caught and be injured.

⚠ CAUTION

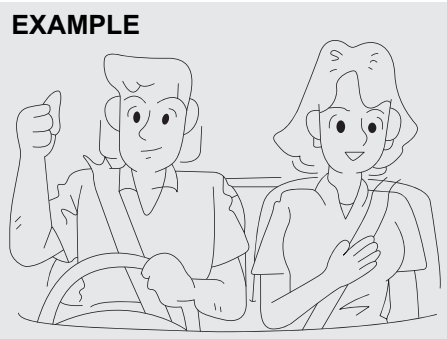
After securing the rear seatback, make sure that it is locked securely. If it is not, red will appear beside the release lever.

NOTICE

- When returning the rear seatback to the normal position, do not allow any foreign material to enter the lock opening. This may prevent the seatback from being locked securely.
- When returning the rear seatback to the normal position, be sure to handle it carefully by hand to avoid any damage to the lock itself. Do not push it by using some material or by applying excessive force.
- As the lock is designed exclusively for securing the rear seatback, do not use it for any other purpose. Incorrect use of it may cause damage to the inside of the lock and prevent the seatback from being locked securely.

Seat Belts and Child Restraint Systems

EXAMPLE



65D231S

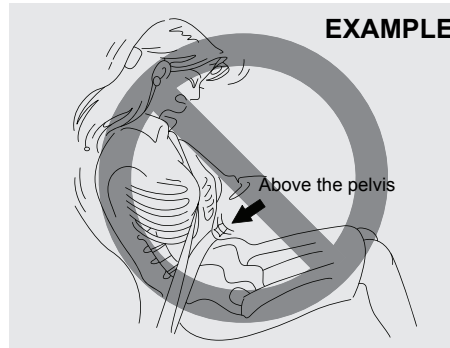
⚠ WARNING

Wear Your Seat Belts at All Times.

⚠ WARNING

An airbag supplements, or adds to, the frontal crash protection offered by seat belts. The driver and all passengers must be properly restrained by wearing seat belts at all times even if driving for a very short distance, whether or not an airbag is mounted at their seating position, to minimize the risk of severe injury or death in the event of a crash.

EXAMPLE



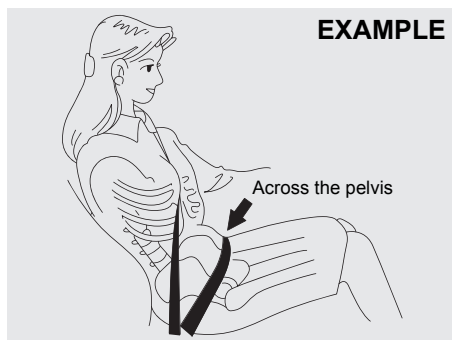
65D606

⚠ WARNING

- Never allow persons to ride in the cargo area of a vehicle. In the event of an accident, there is a much greater risk of injury for persons who are not riding in a seat with their seat belt securely fastened.
- Ensure that all seat belts are worn correctly. An improperly worn seat belt increases the risk of injury or death if a collision occurs.
- Seat belts should always be adjusted as follows:
 - the lap portion of the belt should be worn low across the pelvis, not across the waist.
 - the shoulder straps should be worn on the outside shoulder only, and never under the arm.
 - the shoulder straps should be away from your face and neck, but not falling off your shoulder.

(Continued)

BEFORE DRIVING



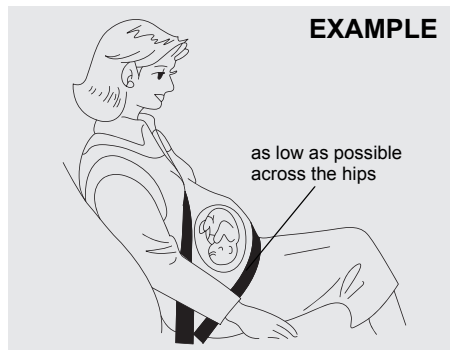
65D201

⚠ WARNING

(Continued)

- Seat belts should never be worn with the straps twisted and should be adjusted as tightly as is comfortable to provide the protection for which they have been designed. A slack belt will provide less protection than a snug belt.
- Make sure that each seat belt buckle is inserted into the proper buckle catch. It is possible to cross the buckles in the rear seat.

(Continued)



65D199

⚠ WARNING

(Continued)

- Pregnant women should use seat belts, although specific recommendations about driving should be made by the woman's medical advisor. Remember that the lap portion of the belt should be worn as low as possible across the hips, as shown in the diagram.
- Do not wear seat belts over hard, fragile, or sharp items such as pens, keys, eyeglasses, etc. in pockets or on clothing. The pressure from seat belt on such items can cause injury in case of an accident.

(Continued)

⚠ WARNING

(Continued)

- Never use the same seat belt on more than one occupant and never attach a seat belt over an infant or child being held on an occupant's lap. Such seat belt use could cause serious injury in the event of an accident.
- Periodically inspect seat belt assemblies for excessive wear and damage. Seat belts should be replaced if webbing becomes frayed, contaminated, or damaged in any way. It is essential to replace the entire seat belt assembly after it has been worn in a severe impact, even if damage to the assembly is not obvious.
- Children age 12 and under should ride properly restrained in the rear seat.
- Infants and small children should never be transported unless they are properly restrained. Restraint systems for infants and small children can be purchased locally and should be used. Make sure that the system you purchase meets applicable safety standards. Read and follow all the directions provided by the manufacturer.

(Continued)

BEFORE DRIVING

WARNING

(Continued)

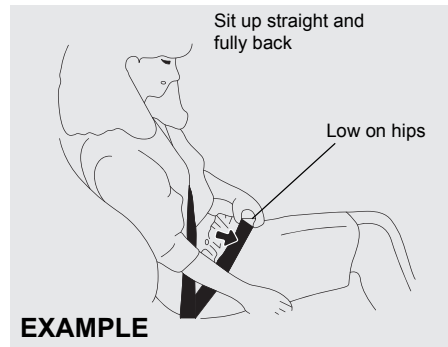
- **For children, if the shoulder belt irritates the neck or face, move the child closer to the center of the vehicle.**
- **Avoid contamination of seat belt webbing by polishes, oils, chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water.**
- **Do not insert any items such as coins, clips, etc. into the seat belt buckles, and be careful not to spill liquids into these parts. If foreign materials get into a seat belt buckle, the seat belt may not work properly.**
- **All seatbacks should always be in an upright position when driving, or seat belt effectiveness may be reduced. Seat belts are designed to offer maximum protection when seatbacks are in the upright position.**

Lap-Shoulder Belt

Emergency Locking Retractor (ELR)

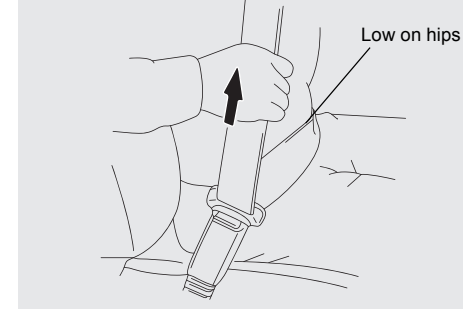
The seat belt has an emergency locking retractor (ELR), which is designed to lock the seat belt only during a sudden stop or impact. It also may lock if you pull the belt across your body very quickly. If this happens, let the belt go back to unlock it, then pull the belt across your body more slowly.

Safety reminder



60A038

EXAMPLE



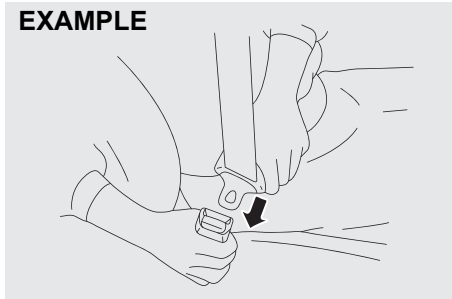
To reduce the risk of sliding under the belt during a collision, position the lap portion of the belt across your lap as low on your hips as possible and adjust it to a snug fit by pulling the shoulder portion of the belt upward through the latch plate. The length of the diagonal shoulder strap adjusts itself to allow freedom of movement.

BEFORE DRIVING

All Seat Belts Except Rear Center

All seat belts except rear center are the lap-shoulder belt.

EXAMPLE



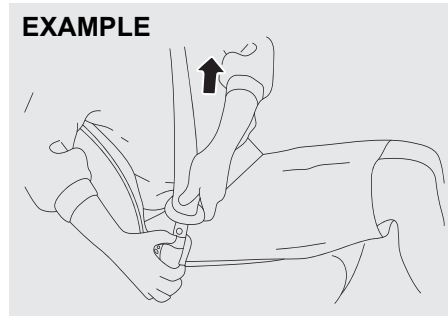
60A036

To fasten the seat belt, sit up straight and well back in the seat, pull the latch plate attached to the seat belt across your body and press it straight into the buckle until you hear a click.

NOTE:

If the seat belt cannot be pulled from its fully retracted position, firmly pull the belt and release it. Then smoothly pull the belt out of the retractor

EXAMPLE



60A039

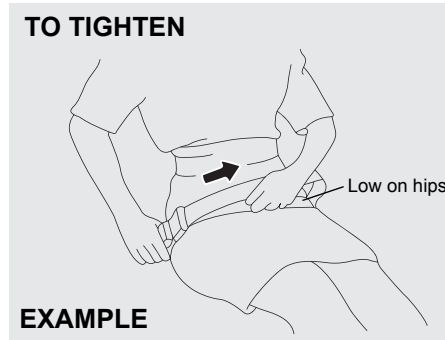
To unfasten the seat belt, push the button on the buckle and retract the belt slowly while attaching a hand to the belt or/and the latch plate.

Rear Center Seat Belt

Rear center seat belt is the lap belt.

To fasten the belt, pull the latch plate attached to the seat belt across your hips and press it straight into the buckle until you hear a click. To reduce the risk of sliding under the belt during a collision, position the belt across your lap as low on your hips as possible and adjust it to a snug fit.

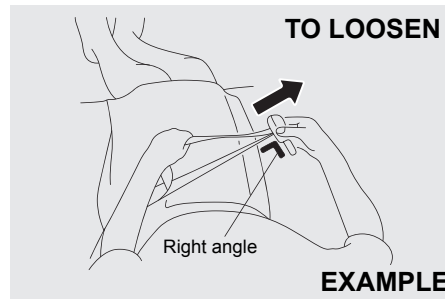
TO TIGHTEN



80JS028

To tighten the belt, pull the free end of the belt across alongside the lap strap.

EXAMPLE



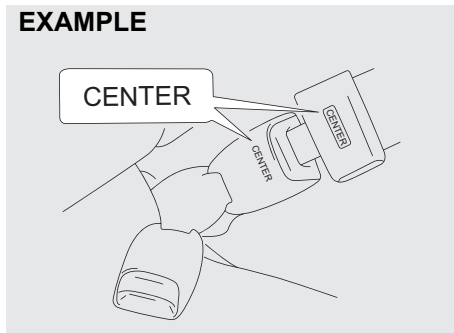
80JS029

To lengthen, release the latch plate from the buckle, pull the latch plate (adjuster) in the direction of the arrow, at right angles to the belt. The latch plate should then be

BEFORE DRIVING

refitted into the buckle and the belt tightened as previously described.
To unfasten the belt, press the release button on the buckle catch.

EXAMPLE

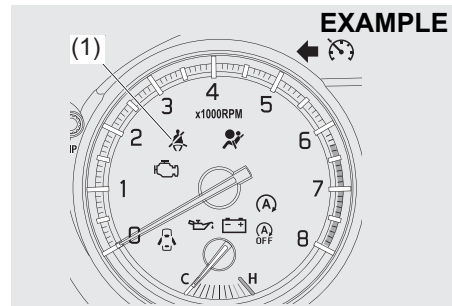


80JS031

NOTE:

To identify the center seat belt buckle and latch plate in the rear seat, "CENTER" is marked on the buckle and latch plate of the center lap belt. The buckles are designed so a latch plate cannot be inserted into the wrong buckle.

Driver's Seat Belt Warning Light / Front Passenger's Seat Belt Warning Light



64MM02012

(1) Driver's / Front passenger's seat belt reminder light

Driver's seat belt reminder

When the driver and / or front passenger do / does not fasten their seat belts, the seat belt reminder light will come on or blink and a buzzer will sound to remind the driver and/or passenger to fasten their seat belts. For more details, refer to the explanation below.

⚠ WARNING

It is absolutely essential that the driver and passengers fasten their seat belts at all times. Persons who are not fastening seat belts have a much greater risk of injury if an accident occurs. Make a regular habit of buckling your seat belt before putting the key in the ignition or pressing the engine switch.

NOTE:

The driver's seat belt reminder light / front passenger's seat belt reminder light is for both the driver and front passenger.

Driver's seat belt reminder

If the driver's seat belt remains unbuckled when the ignition switch is in the "ON" position or the ignition mode is "ON", the reminder works as follows:

1. The driver's seat belt reminder light will come on.
2. After the vehicle's speed has reached about 15 km/h, the driver's seat belt reminder light will blink and a buzzer will sound for about 95 seconds.
3. The reminder light will remain on until the driver's seat belt is buckled.

If the driver has buckled his or her seat belt and later unbuckles the seat belt, the seat belt reminder system will be activated from step 1) or step 2) according to vehicle's speed. When the vehicle's speed is less than 15 km/h, the reminder will start from

BEFORE DRIVING

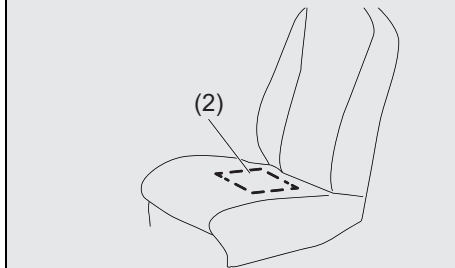
step 1). When the vehicle's speed is more than 15 km/h, the reminder will start from step 2).

The reminder will be automatically canceled when the driver's seat belt is buckled or the ignition switch is turned off or ignition mode is switched to "OFF" position.

Front passenger's seat belt reminder

If there is a person sitting on the front passenger seat and the front passenger seat belt is unbuckled when the ignition switch is in the "ON" position or the ignition mode is "ON", the front passenger's seat belt reminder will activate.

EXAMPLE



(2) The sensor of the front passenger's seat belt reminder

The seat belt reminder sensor (2) detects whether a person is sitting in the front seat. The sensor of the front passenger's seat belt reminder is located in the seat cushion. The front passenger's seat belt

reminder works in the same manner as the driver's seat belt reminder.

NOTICE

- The sensor of the front passenger's seat belt reminder is located in the seat cushion. If heavy or sharp objects are put on the seat cushion, or a removal, disassembly and modification of the passenger's seat are performed, the sensor may not work properly or can be damaged. Do not put heavy or sharp objects on the seat cushion. Do not remove, disassemble and modify the passenger's seat.
- Depending on the variety of seat cover, operation of the sensor may be adversely affected. MARUTI SUZUKI highly recommends that you use MARUTI SUZUKI genuine seat cover exclusively for this vehicle.
- If you spill liquid such as liquid aromatics, soft drinks or juice on the front passenger's seat cushion, the sensor of the front passenger's seat belt reminder located in the seat cushion can be damaged. Immediately wipe it dry with a soft cloth when spilled.

(Continued)

NOTICE

(Continued)

- When sitting on the front passenger's seat, it is very important that the passenger sits upright, leaning against the seat backrest and centered on the seat cushion in order for the seatbelt reminder system to function effectively. An occupant sitting improperly (slouches, turns sideways, sits forward or sideways) may hamper the functioning of this system as it may not detect the occupant.

NOTE:

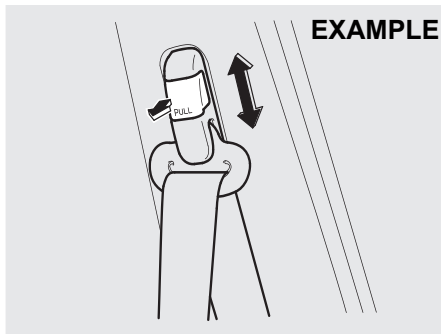
- If you put an object on the passenger's seat, the weight of the object will be sensed by the sensor and the front passenger's seat belt reminder light will come on and then the interior buzzer may beep.
- If a child or a small sized person sits on the front passenger's seat or the cushion is put on the front passenger's seat, the weight may not be sensed by the sensor and the interior buzzer may not beep.

NOTE:

Maruti Suzuki recommends use of Maruti Suzuki Genuine accessory of "Seat cover".

BEFORE DRIVING

Shoulder Anchor Height Adjuster

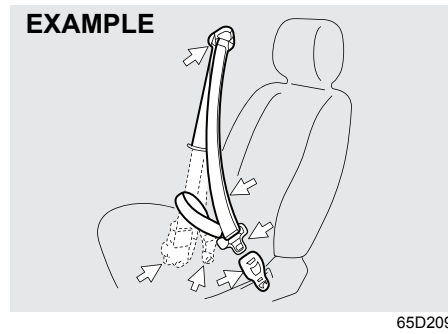


Adjust the shoulder anchor height so that the shoulder belt rides on the center of the outboard shoulder. To move upward, slide the anchor up. To move downward, slide the anchor down while pulling the lock knob out. After adjustment, make sure that the anchor is securely locked.

WARNING

Be sure that the shoulder belt is positioned on the center of the outside shoulder. The belt should be away from your face and neck, but not falling off your shoulder. Misadjustment of the belt could reduce the effectiveness of the safety belt in a crash.

Seat Belt Inspection

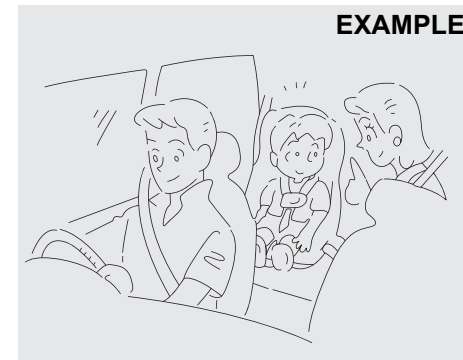


Periodically inspect the seat belts to make sure they work properly and are not damaged. Check the webbing, buckles, latch plates, retractors, anchorages, and guide loops. Replace any seat belts which do not work properly or are damaged.

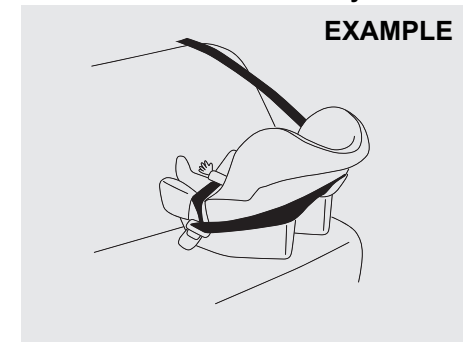
WARNING

Be sure to inspect all seat belt assemblies after any collision. Any seat belt assembly which was in use during a collision (other than a very minor one) should be replaced, even if damage to the assembly is not obvious. Any seat belt assembly which was not in use during a collision should be replaced if it does not function properly, it is damaged in any way or the seat belt pretensioners were activated (that is, if the front airbags were activated).

Child Restraint Systems



Infant restraint - rear seat only



BEFORE DRIVING

Child restraint

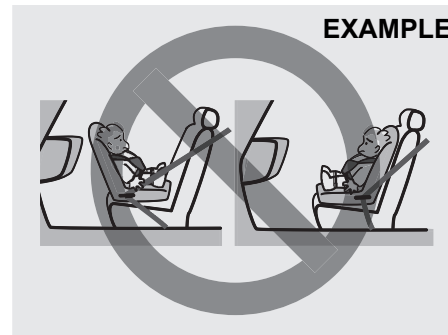


64MM02025

All child restraint systems are designed to be secured on vehicle seats by either seat belts (lap belts or the lap portion of lap-shoulder belts).

NOTE:

Observe any statutory regulation about child restraints.



61M0241

Booster seat



80JC008

MARUTI SUZUKI highly recommends that you use a child restraint system to restrain infants and small children. Many different types of child restraint systems are available; make sure that the restraint system you select meets applicable safety standards.

2-35

⚠ WARNING

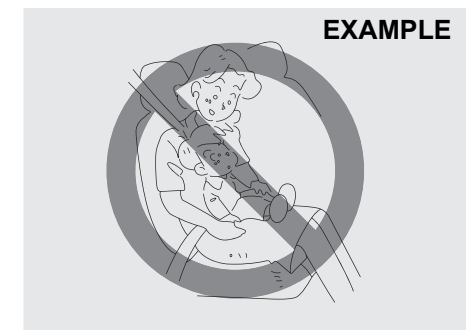
If you install a child restraint system in the rear seat, slide the front seat far enough forward so that the child's feet do not touch the front seatback. This will help avoid injury to the child in the event of an accident.



65D608

⚠ WARNING

Do not install a child restraint system on the front passenger's seat since a child restraint system cannot be installed appropriately.



65D609

BEFORE DRIVING

⚠ WARNING

Children could be endangered in a crash if their child restraint systems are not properly secured in the vehicle. When installing a child restraint system, follow the instructions below. Secure the child in the restraint system according to the manufacturer's instructions.

⚠ WARNING

In an accident or sudden stop, the rear seat armrest (if equipped) could fall forward. If there is a child in a rear-facing child restraint in the rear center seating position, the falling armrest could injure the child. Do not install a rear-facing child restraint in the rear center seating position.

⚠ WARNING

Do not hold a child on a passenger's lap when the vehicle is in motion. Even if the passenger holds the child tightly, he/she would not be supported enough in the event of an accident and it could result in a serious injury of the child.

Installation with Lap-Shoulder Seat Belts

NOTICE

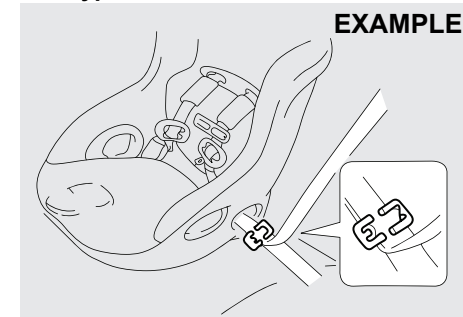
If you can adjust the position of rear head restraint, adjust the height of the rear head restraint or remove it for fitting the child restraint, as necessary. However, if a booster cushion not equipped with the head restraint is fitted, the rear seat head restraint should not be removed. If the rear head restraint is removed for fitting the child restraint, you need to install it again after removing the child restraint.

If the child restraint is fitted improperly, a child sitting in it could be injured in a crash.

NOTE:

Stow the removed head restraint in the luggage compartment so it will not inconvenience the occupants.

ELR type belt



80JC021

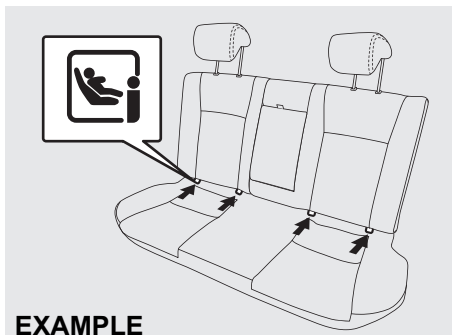
Install your child restraint system according to the instructions provided by the child restraint system manufacturer.

Make sure that the seat belt is securely latched.

Move the child restraint system in all directions to check that it is securely installed. When you put your child in the child restraint system, appropriately slide the front seat forward not to touch a part of your child's body.

BEFORE DRIVING

Installation with ISOFIX type anchorages



64MM02001

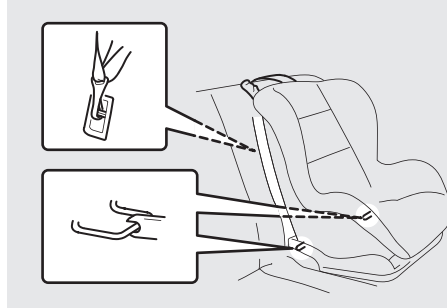
Your vehicle is equipped with the lower anchorages in the rear seat outboard seating positions for securing a ISOFIX type of child restraints with the connecting bars. The lower anchorages are located where the rear of the seat cushion meets the bottom of the seatback.

⚠ WARNING

Install the ISOFIX type of child restraint(s) in the only outboard seating positions, not in the central position for the rear seat.

Install the ISOFIX type child restraint system according to the instructions provided by the child restraint system manufacturer. After installation, try moving the child restraint system in all directions especially forward to check that connecting bars are securely latched to the anchorages.

EXAMPLE



Your vehicle is equipped with the top tether anchorages. Use the top tether strap of the child restraint according to the instructions provided by the child restraint system manufacturer.

Here is a general instruction:

⚠ CAUTION

Adjust the height of the rear head restraint or remove it for fitting the child restraint, as necessary.

(Continued)

⚠ CAUTION

(Continued)

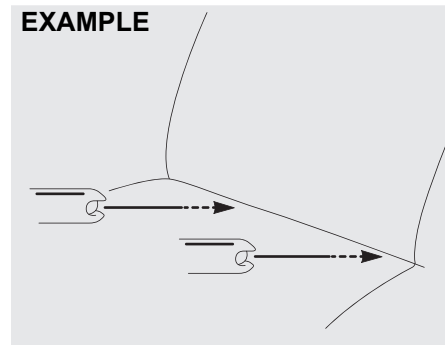
However, if a booster cushion not equipped with the head restraint is fitted, the rear seat head restraint should not be removed. If the rear head restraint is removed for fitting the child restraint, you need to install it again after removing the child restraint.

If the child restraint is fitted improperly, a child sitting in it could be injured in a crash.

NOTE:

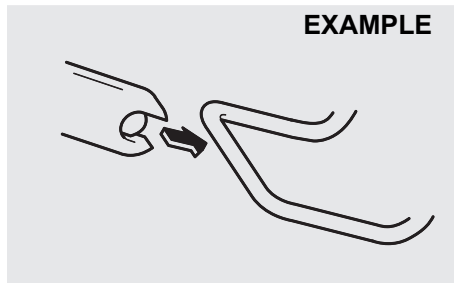
Stow the removed head restraint in the luggage compartment so it will not cause inconvenience to the occupants.

EXAMPLE



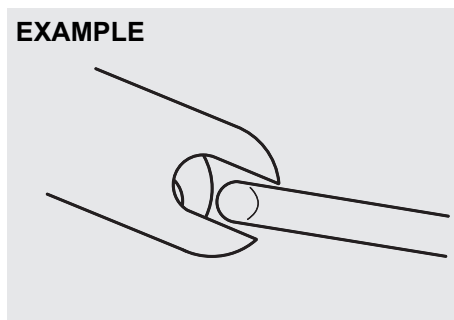
BEFORE DRIVING

- 1) Place the child restraint in the rear seat, inserting the connecting bars to the anchorages between the seat cushion and the seatback.



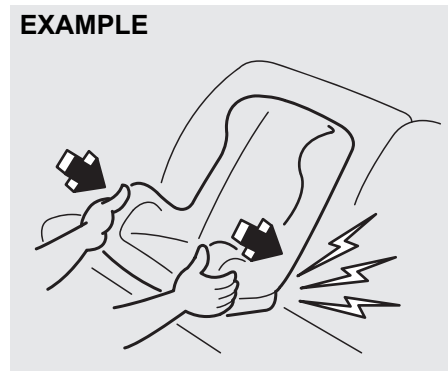
68LM268

- 2) Use your hands to carefully align the connecting bar tips with the anchorages. Take care not to pinch your fingers.



54G184

- 3) Push the child restraint toward the anchorages so that the connecting bar tips are partially hooked to the anchorages. Use your hands to confirm the position.



54G185

- 4) Grasp the front of the child restraint and push the child restraint forcefully to latch the connecting bars. Check that they are securely latched by trying to move the child restraint system in all directions, especially forward.
- 5) Attach the top tether strap referring to "Installation of child restraint with top tether" section below. When you put your child in the child restraint system, appropriately slide the front seat forward not to touch a part of your child's body.

NOTICE

When installing a child restraint system to the rear seat, adjust the front seat position so that the front seat does not interfere with the child restraint system.

BEFORE DRIVING

Installation of child restraint with top tether

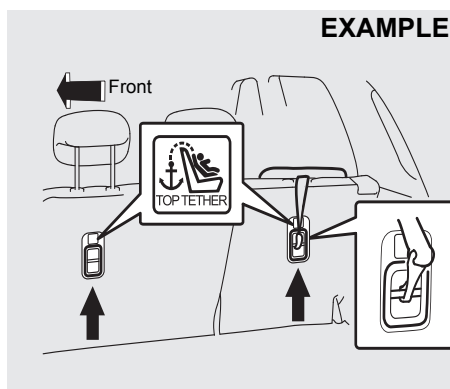
⚠ CAUTION

Adjust the height of the rear head restraint or remove it for fitting the child restraint, as necessary. However, if a booster cushion not equipped with the head restraint is fitted, the rear seat head restraint should not be removed. If the rear head restraint is removed for fitting the child restraint, you need to install it again after removing the child restraint.

If the child restraint is fitted improperly, a child sitting in it could be injured in a crash.

NOTE:

Stow the removed head restraint (if equipped) in the luggage compartment so it will not cause inconvenience to the occupants.



Some child restraint systems require the use of a top tether strap. Top tether anchorage brackets are provided in your vehicle at the locations shown in the illustrations.

The number of the top tether anchorage brackets provided in your vehicle depends on the vehicle specification. Install the child restraint system as follows:

- 1) Remove the luggage compartment cover (if equipped).
- 2) Raise the head restraint to the upper most position or remove the head restraint (Refer to "Head restraints" section for details on how to remove the head restraint).
- 3) Secure the child restraint on the rear seat using the procedure described

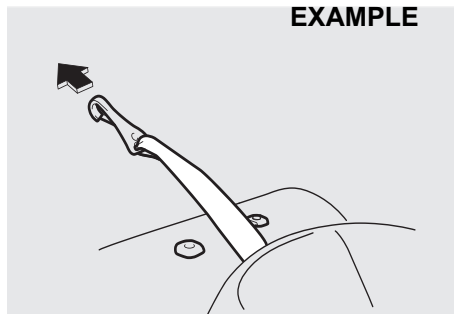
above for securing a restraint system that does not require a top tether strap.

- 4) Hook the top tether strap to the top tether anchorage bracket and tighten the top tether strap according to the instructions provided by the child restraint system manufacturer. Attach the top tether strap to the corresponding top tether anchorage bracket located directly behind the child restraint. Do not attach the top tether strap to the luggage restraint loops (if equipped).

⚠ WARNING

Do not attach the child restraint top tether strap to the luggage restraint loops (if equipped). Incorrectly attached top tether strap will reduce the intended effectiveness of the child restraint system.

BEFORE DRIVING



54P000264

- 5) When routing the top tether strap, pass the top tether strap as shown in the illustration.
- 6) Check that cargo does not interfere with routing of the top tether strap.

NOTICE

When installing a child restraint system to the rear seat, adjust the front seat position so that the front seat does not interfere with the child restraint system.

NOTE:

Maruti Suzuki recommends use of Maruti Suzuki Genuine accessory of "Child seat, ISOFIX".

BEFORE DRIVING

Child Restraint System for India

Child Restraint

The suitability of each passenger's seat position for carriage of children and fitting of child restraint system is shown in the table below. Whenever you carry children up to 12 years of age, properly use the child restraints which conform to AIS 072, the standard for child restraints, referring to the table.

MASS GROUP	Seating position (or other site)				
	Front Passenger	Rear Outboard	Rear Centre	Intermediate Outboard	Intermediate Centre
Group 0 Up to 10 kg	X	U	X	N.A.	N.A.
Group 0+ Up to 13 kg	X	U	X	N.A.	N.A.
Group I 9 to 18 kg	X	U	X	N.A.	N.A.
Group II 15 to 25 kg	X	U	X	N.A.	N.A.
Group III 22 to 36 kg	X	U	X	N.A.	N.A.

Key of letters to be inserted in the above table:

U =Suitable for 'universal' category restraints approved for use in this mass group

X =Seat position not suitable for children in this mass group

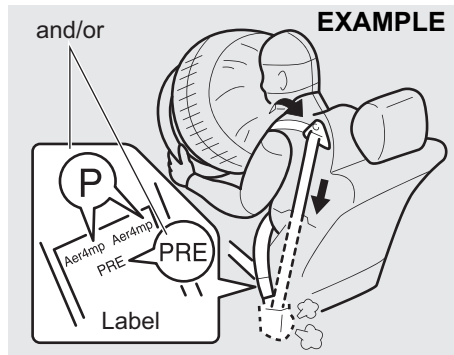
N.A = Seat position not available for children in this mass group.

NOTE: 'universal' is the category in the AIS 072.

: 'Outboard' indicates window side seat.

BEFORE DRIVING

Seat Belt Pretensioner System



WARNING

This section of the owner's manual describes your Vehicle's SEAT BELT PRETENSIONER SYSTEM. Please read and follow ALL these instructions carefully to minimize your risk of severe injury or death.

To determine if your vehicle is equipped with a seat belt pretensioner system at the front seating positions, check the label on the front seat belt at the bottom part. If the letters "p" and/or "PRE" appear as illustrated, your vehicle is equipped with the seat belt pretensioner system. You can use the pretensioner seat belts in the same manner as ordinary seat belts.

Read this section and the "Supplemental Restraint System (airbags)" section to learn more about the pretensioner system.

The seat belt pretensioner system works with the supplemental restraint system (AirBags). The crash sensors and the electronic controller of the airbag system also control the seat belt pretensioners. The pretensioners are triggered only when there is a frontal crash severe enough to trigger the airbags and the seat belts are fastened. For precautions and general information including servicing the pretensioner system, refer to the "Supplemental Restraint System (airbags)" section in addition to this "Seat Belt Pretensioner System" section, and follow all those precautions.

The pretensioner is located in each front seat belt retractor. The pretensioner tightens the seat belt so the belt fits the occupant's body more snugly in the event of a frontal crash. The retractors will remain locked after the pretensioners are activated. Upon activation, some noise will occur and some smoke may be released. These conditions are not harmful and do not indicate a fire in the vehicle.

The driver and all passengers must be properly restrained by wearing seat belts at all times, whether or not a pretensioner is equipped at their seating position, to minimize the risk of severe injury or death in the event of a crash.

Sit fully back in the seat; sit up straight; do not lean forward or sideways. Adjust the belt so the lap portion of the belt is worn low across the pelvis, not across the waist. Please refer to the "Seat Adjustment" section and the instructions and precautions about the seat belts in this "Seat Belts and Child Restraint Systems" section for details on proper seat and seat belt adjustments. Please note that the pretensioners along with the airbags will activate in severe frontal collisions. They are not designed to activate in side impacts, rear impacts, roll-overs, or minor frontal collisions. The pretensioners can be activated only once. If the pretensioners are activated (that is, if the airbags are activated), have the pretensioner system serviced by a Maruti Suzuki authorised workshop as soon as possible.

The pretensioner system or the airbag system may not work properly if any of the following conditions occur:

- 1) If the air bag light on the instrument cluster does not come on briefly, when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON".
- 2) If the air bag light comes on and stays on for more than 10 seconds, when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON".
- 3) If the air bag light comes on while driving.

BEFORE DRIVING

Have both systems inspected by a Maruti Suzuki authorised workshop as soon as possible.

Service on or around the pretensioner system components or wiring must be performed only by a Maruti Suzuki authorised workshop who is specially trained. Improper service could result in unintended activation of pretensioners or could render the pretensioner inoperative. Either of these two conditions may result in personal injury.

To prevent damage or unintended activation of the pretensioners, be sure the battery is disconnected and the ignition switch has been in the "LOCK" position or the ignition mode has been "LOCK" (OFF) for at least 90 seconds before performing any electrical service work on your vehicle.

Do not touch pretensioner system components or wiring. The wires are wrapped with yellow tape or yellow tubing. When scrapping your vehicle, ask your Maruti Suzuki authorised workshop, body repair shop, or scrap yard for assistance.

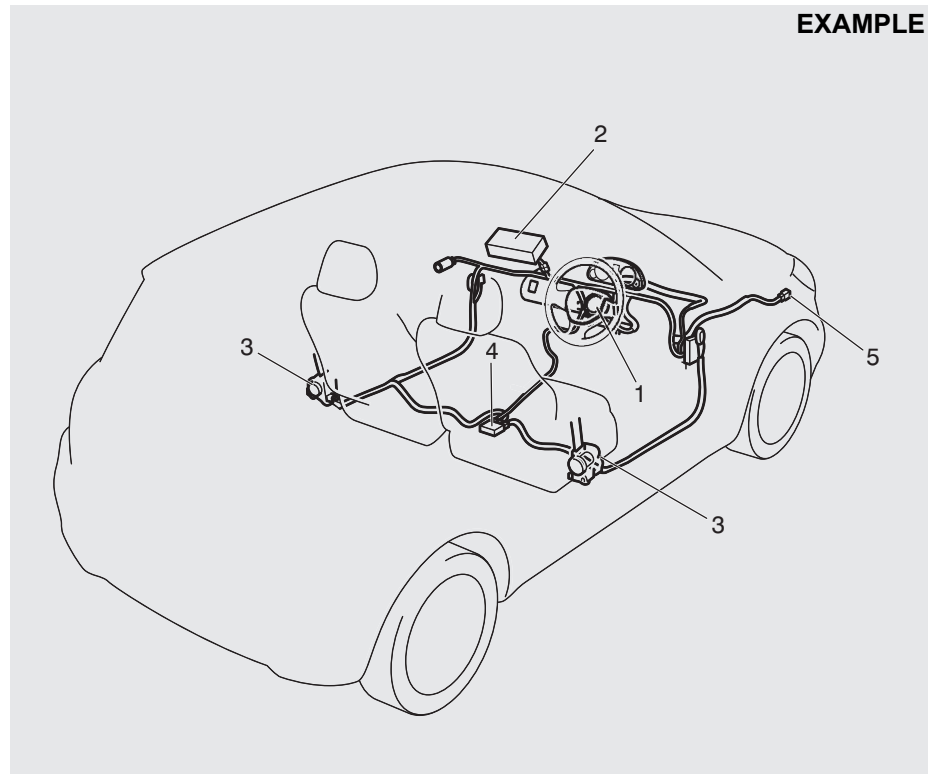
Supplemental Restraint System (airbags)

WARNING

This section of the owner's manual describes the protection provided by your Vehicle's supplemental restraint system (airbags). Please read and follow all these instructions carefully to minimize your risk of severe injury or death in the event of a collision.

Your vehicle is equipped with a Supplemental Restraint System consisting of the following components in addition to a lap-shoulder belt at each front seating position.

1. Driver's front airbag module
2. Front passenger's front airbag module
3. Seat belt pretensioners
4. Airbag controller
5. Forward crash sensor



76MH026

BEFORE DRIVING

⚠ WARNING

An airbag supplements, or adds to, the crash protection offered by seat belts. The driver and all passengers must be properly restrained by wearing seat belts at all times, whether or not an airbag is mounted at their seating position, to minimize the risk of severe injury or death in the event of a crash.

AIRBAG light



63J030

If the AIRBAG light on the instrument cluster does not blink or come on when the ignition switch is first turned to the "ON" position, or the ignition mode is first changed to "ON", or the AIRBAG light stays on, or comes on while driving, the airbag system (or the seat belt pretensioner system (if equipped) may not work properly. Have the airbag system inspected by a Maruti Suzuki authorised workshop as soon as possible.

Airbag symbol meaning

EXAMPLE



72M00150

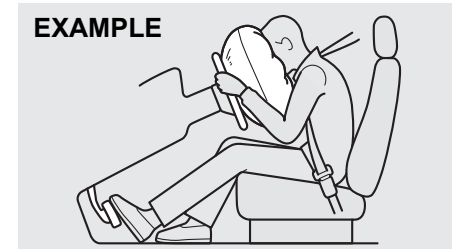
You may find this label on the sun visor.

⚠ WARNING

NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.

Front AirBags

EXAMPLE



63J113

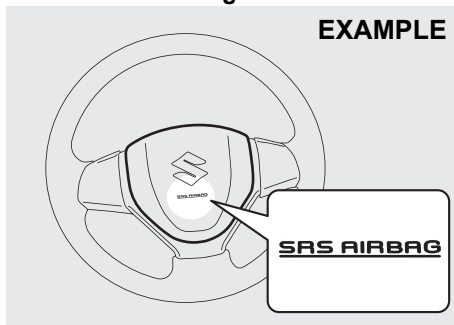
Front airbags are designed to inflate in severe frontal collisions when the ignition switch is in the "ON" position or the ignition mode is "ON".

Front airbags are not designed to inflate in rear impacts, side impacts, rollovers or minor frontal collisions, since they would offer no protection in those types of accidents. Remember, since an airbag deploys only one time during an accident, seat belts are needed to restrain occupants from further movements during the accident.

Therefore, an airbag is NOT a substitute for seat belts. To maximize your protection, ALWAYS WEAR YOUR SEAT BELTS. Be aware that no system can prevent all possible injuries that may occur in an accident.

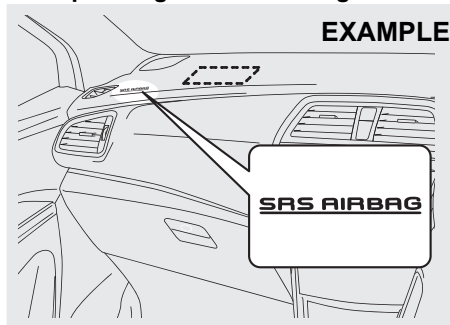
BEFORE DRIVING

Driver's front airbag



61M0020

Front passenger's front airbag



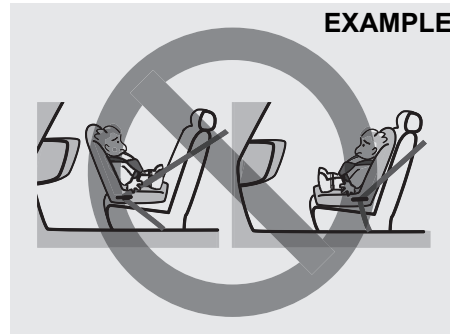
64MS117

The driver's front airbag is located behind the center pad of the steering wheel and the front passenger's front airbag is located behind the passenger's side of the dashboard.

The words "SRS AIRBAG" are molded into the airbag covers to identify the location of the airbags.

WARNING

If the airbag location is damaged or cracked, the airbag system may not work properly, which could result in serious injury in the event of a collision. Have your vehicle inspected by a Maruti Suzuki authorised workshop.



61M0241

⚠ WARNING

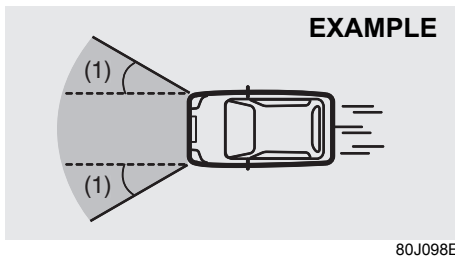
Do not install a child restraint system on the front passenger's seat since a child restraint system cannot be installed appropriately.

BEFORE DRIVING

Conditions of front airbags deployment (inflation)



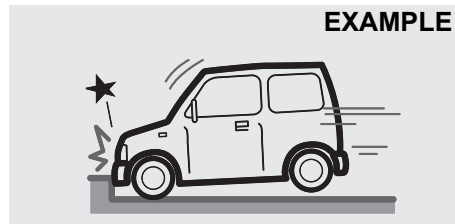
- In frontal collisions with a fixed wall that does not move or deform at more than about 25 km/h.



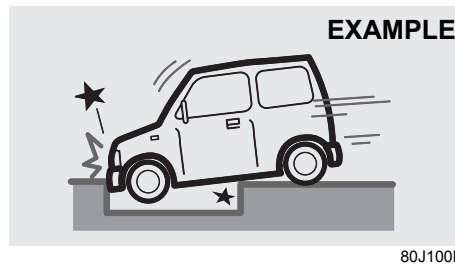
- Strong impact equivalent to frontal collision such as above at left and right angles of about 30 degrees (1) or less from the front of your vehicle.

Conditions when front airbags may inflate

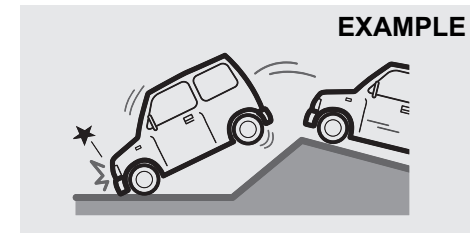
Receiving a strong impact to the lower body of your vehicle, the front airbags may inflate.



- Hitting a curb or medial strip.



- Falling into a deep hole or ditch.



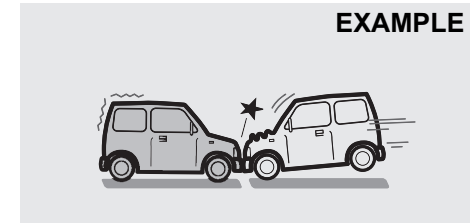
- Landing hard or falling.

Front airbags may not inflate

The front airbags may not inflate when a strong impact has not occurred since the collision object was (including living being like animals) easy to be deformed or moved, or the collided portion of your vehicle was easy to be deformed.

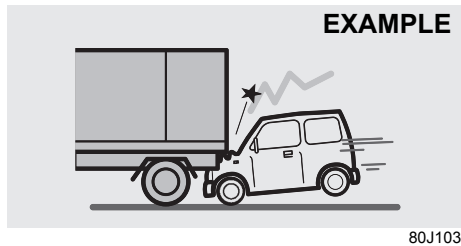
Also, front airbags may not inflate in many cases when the collision angle is greater than about 30 degrees at left and right angles from the front of your vehicle.

Also, in certain collisions at low speed, the air bags may not inflate.

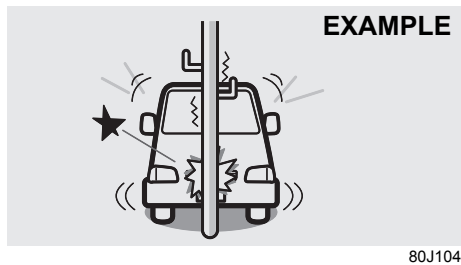


BEFORE DRIVING

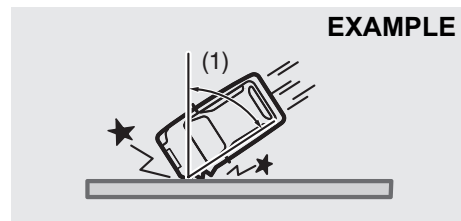
- Frontal collision to a stopped vehicle at less than about 50 km/h.



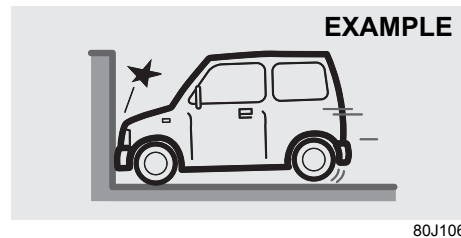
- Collision that the front of your vehicle goes under the bed of a truck etc.



- Collision with a utility pole or stumpage.



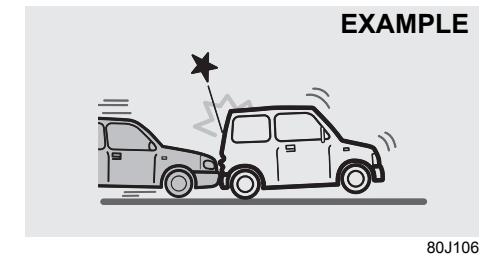
- Collision with a fixed wall or guardrail at left and right angles of greater than about 30 degrees (1) from the front of your vehicle.



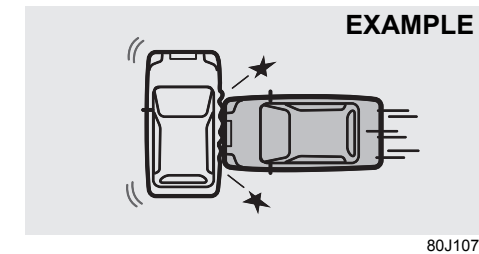
- Frontal collision with a fixed wall that does not move or deform at less than about 25 km/h.

Front airbags do not inflate

Front airbags do not inflate in rear impacts, side impacts or rollovers, etc. However, these might inflate in a strong impact.

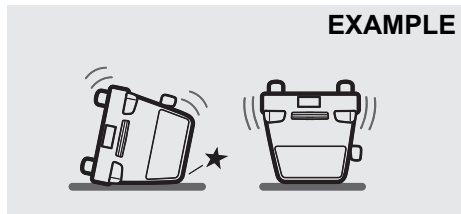


- Impact from the rear.



- Impact from the side.

BEFORE DRIVING



80J110

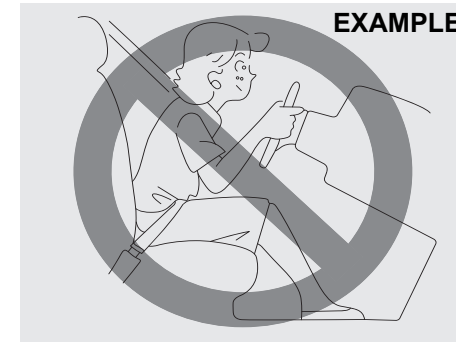
- Vehicle rollover.

How the System Works

In a frontal collision, the crash sensors will detect rapid deceleration, and if the controller judges that the deceleration represents a severe frontal crash, the controller will trigger the inflators. The inflators inflate the appropriate airbags with nitrogen or argon gas. The inflated airbags provide a cushion for your head and upper body. The airbag inflates and deflates so quickly that you may not even realize that it has activated. The airbag will neither hinder your view nor make it harder to exit the vehicle.

Airbags must inflate quickly and forcefully in order to reduce the chance of serious or fatal injuries. However, an unavoidable consequence of the quick inflation is that the airbag may irritate bare skin, such as the facial area against a front airbag. Also, upon inflation, a loud noise will occur and some powder and smoke will be released. These conditions are not harmful and do not indicate a fire in the vehicle. Be aware, however, that some airbag components may be hot for a while after inflation.

A seat belt helps keep you in the proper position for maximum protection when an airbag inflates. Adjust your seat as far back as possible while still maintaining control of the vehicle. Sit fully back in your seat; sit up straight; do not lean over the steering wheel or dashboard. Front occupants should not lean on or sleep against the door. Please refer to the "Front Seat" section and the "Seat Belts and Child Restraint Systems" section in this section for details on proper seat and seat belt adjustments.



65D610

▲ WARNING

- The driver should not lean over the steering wheel. The front passenger should not rest his or her body against the dashboard, or otherwise get too close to the dashboard. In these situations, the out-of-position occupant would be too close to an inflating airbag, and may suffer severe injury.
- Do not attach any objects to, or place any objects over, the steering wheel or dashboard. Do not place any objects between the airbag and the driver or front passenger. These objects may interfere with airbag operation or may be propelled by the airbag in the event of a collision. Also, these objects may move when you start moving vehicle or while vehicle is moving, they may interfere with driver's view or safe driving. In each conditions may cause severe injury.
- Do not strike or apply significant levels of impact to the air bag component areas. It can cause the air bags to malfunction.

WARNING

- Do not modify the system in any way including replacing the steering wheel, placing stickers on the steering wheel pad, painting the steering wheel, or covering the steering wheel with a cover.
- Do not place stickers on or paint the instrument panel. Do not install and set up accessories, air fresheners, ETC readers, or portable navigation systems. Do not stand umbrellas or similar in front of airbags.
- Excluding Maruti Suzuki genuine parts, do not attach accessories to the front windshield or the rearview mirror.

Note that even though your vehicle may be moderately damaged in a frontal collision, the collision may not have been severe enough to trigger the airbags to inflate. If your vehicle sustains any front-end damage, have the airbag system inspected by a Maruti Suzuki authorised workshop to ensure that it works properly.

Your vehicle is equipped with a diagnostic module which records information about the airbag system if the airbags deploy in a crash. The module records information about overall system status, which sensors activated the deployment.

Servicing the airbag system

If the airbags inflate, have the airbags and related components replaced by a Maruti Suzuki authorised workshop as soon as possible.

If your vehicle ever gets in deep water and the driver's floor is submerged, the airbag controller could be damaged. If it does, have the airbag system inspected by a Maruti Suzuki authorised workshop as soon as possible.

Special procedures are required for servicing or replacing an airbag. For that reason, only a Maruti Suzuki authorised workshop should be allowed to service or replace your airbags. Please remind anyone who services your Vehicle that it has airbags.

Service on or around airbag components or wiring must be performed only by a Maruti Suzuki authorised workshop. Improper service could result in unintended airbag deployment or could render the airbag inoperative. Either of these two conditions may result in severe injury.

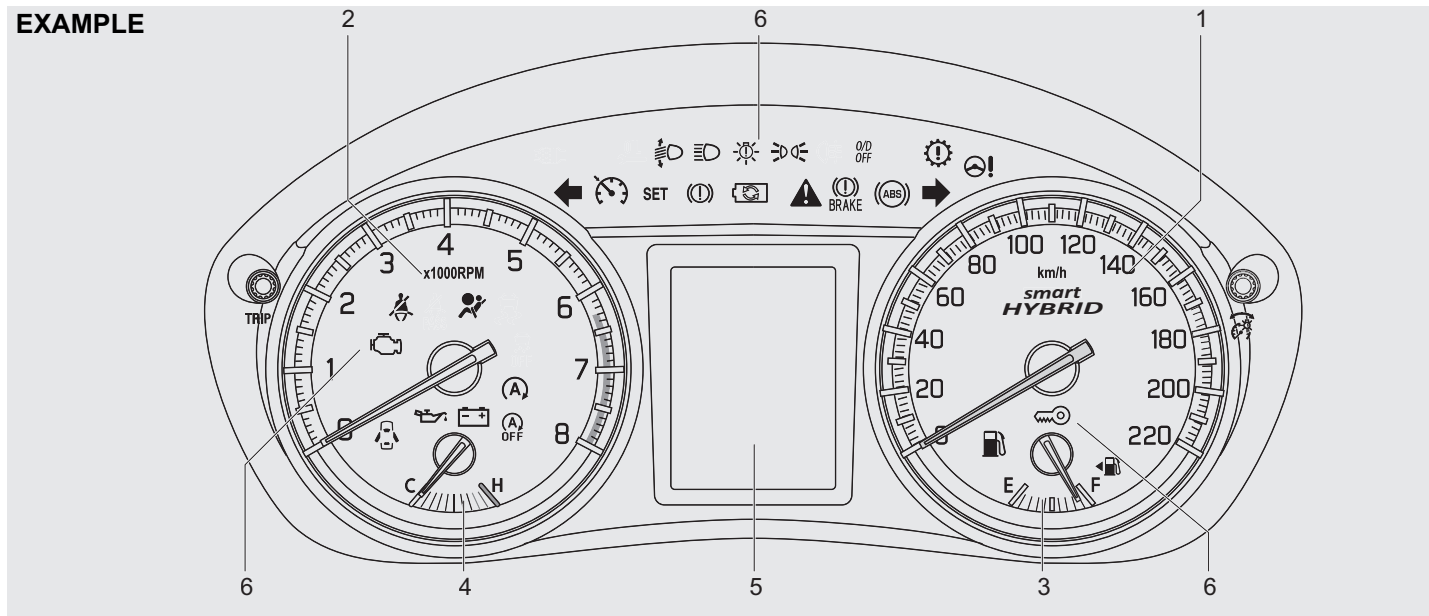
BEFORE DRIVING

To prevent damage or unintended inflation of the airbag system, be sure the battery is disconnected and the ignition switch has been in the "LOCK" position or the ignition mode has been "LOCK" (OFF) for at least 90 seconds before performing any electrical service work on your vehicle. Do not touch airbag system components or wires. The wires are wrapped with yellow tape or yellow tubing, and the couplers are yellow for easy identification.

Scrapping a vehicle that has an uninflated airbag can be hazardous. Ask a Maruti Suzuki authorised workshop, body repair shop or scrap yard for help with disposal.

Instrument Cluster

1. Speedometer
2. Tachometer
3. Fuel gauge
4. Temperature gauge
5. Information display
6. Warning and indicator lights



64MM02017

BEFORE DRIVING

Speedometer

The speedometer indicates vehicle speed.

Speed Alert System

The speed alert system gives audible warning for alert of over-speed to driver. When vehicle speed exceeds about 80 km/h, primary level warning with two beeps will sound every minute. When the vehicle speed exceeds about 120 km/h, secondary level warning with continuous beeps will sound. If the vehicle speed is slowed down to about 118 km/h, primary warning will resume. If the vehicle is slowed down to about 78 km/h, speed alert warning will stop. This buzzer does not indicate any malfunction in vehicle.

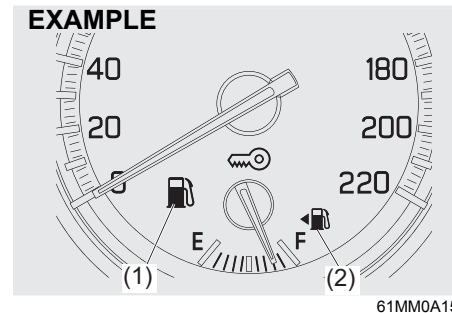
Tachometer

The tachometer indicates engine speed in revolutions per minute.

NOTICE

Never drive the vehicle with the engine revving in the red zone or severe engine damage can result. Keep the engine speed below the red zone even when downshifting to a lower gear position. Refer to "Downshifting maximum allowable speeds" in the "OPERATING YOUR VEHICLE" section.

Fuel Gauge



When the ignition switch is in the "ON" position or the ignition mode is "ON", this gauge gives an approximate indication of the amount of fuel in the fuel tank. "F" stands for full and "E" stands for empty.

If the indicator gets off the graduation of "E" (not character "E"), refill the tank as soon as possible.

NOTICE

To minimize the possibility of damage to catalytic converter or other components of the vehicle, avoid driving the vehicle near empty fuel tank level.

NOTE:

The indicator moves a little depending on road conditions (for example, slope or curve) and driving conditions because of fuel moving in the tank.

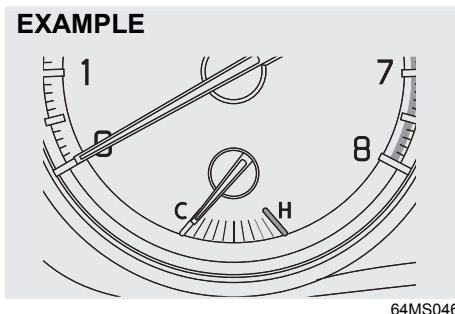
If the low fuel warning light (1) comes on, fill the fuel tank immediately.

Refer to "Low Fuel Warning Light" in "Warning and Indicator Lights" in this section for details.

The mark (2) indicates that the fuel filler door is located on the left side of the vehicle.

BEFORE DRIVING

Temperature Gauge

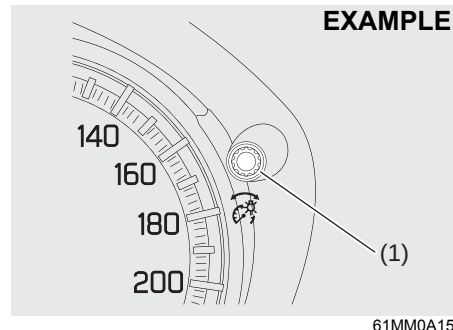


When the ignition switch is in the "ON" position or the ignition mode is "ON", this gauge indicates the engine coolant temperature. Under normal driving conditions, the indicator should stay within the normal, acceptable temperature range between "H" and "C". If the indicator approaches "H", overheating is indicated. Follow the instructions for engine overheating in the "EMERGENCY SERVICE" section.

NOTICE

Continuing to drive the vehicle when engine overheating is indicated can result in severe engine damage.

Brightness Control



When the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON", the instrument cluster lights come on.

Your vehicle has a system to automatically dim the brightness of the instrument panel lights when the position lights or headlights are on.

You can change the brightness of the instrument panel lights regardless of whether the position lights or headlights are off or on.

To increase the brightness of the instrument panel lights, turn the indicator selector knob (1) clockwise.

To reduce the brightness of the instrument panel lights, turn the indicator selector knob (1) counterclockwise.

⚠ WARNING

If you attempt to adjust the brightness of the instrument panel lights while driving, you could lose control of the vehicle.

NOTE:

- If you do not turn the knob for more than 5 seconds while activating the brightness control, the brightness control display will be canceled automatically.
- When you reconnect the battery, the brightness of the instrument panel lights will be reinitialized. Readjust the brightness according to your preference.

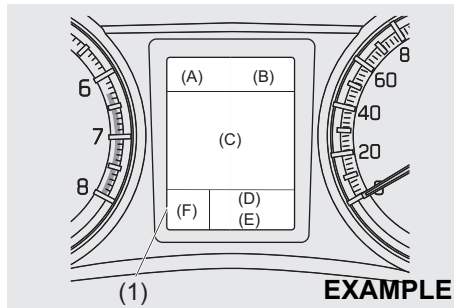
NOTE:

If you select the high brightness level when the position lights or headlights are on, the instrument panel lights are not dimmed. *Instantaneous Fuel Consumption / Average Fuel Consumption /*

BEFORE DRIVING

Information Display

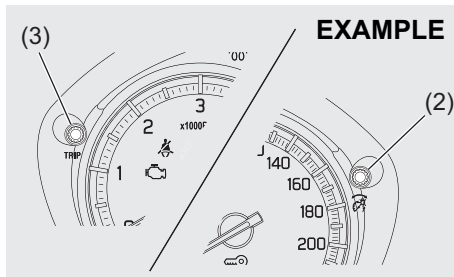
The information display is shown when the ignition switch is in the "ON" position or the ignition mode is "ON".



EXAMPLE

64MM02013

(1) Information display



EXAMPLE

64MMU2U14

(2) Indicator selector knob
(3) Trip meter selector knob

The information display shows the following information.

Display (A)

Clock

Display (B)

Thermometer

Display (C)

Warning and indicator messages / Instantaneous fuel consumption / Average fuel consumption / Driving range / Average speed / Total idling stop time / Total idling fuel saved / Energy flow indicator

Display (D)

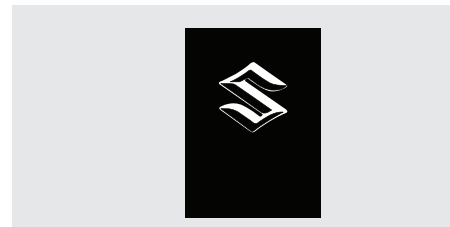
Trip meter

Display (E)

Odometer

Display (F)

Gear shift indicator



When the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON", the message shown in the above

illustration will appear on the display for several seconds.

Some warning and indicator messages may appear on the display when the ignition switch is in the "ACC" or "LOCK" position, or the ignition mode is "ACC" or "LOCK" (OFF).

Clock

The display (A) shows the time.

To set the clock, follow the "Setting mode" instructions in this section.

Thermometer

The display (B) shows the thermometer.

The thermometer indicates the outside temperature.



61MM0A160

If the outside temperature nears freezing, the message shown in the above illustration will appear on the display.

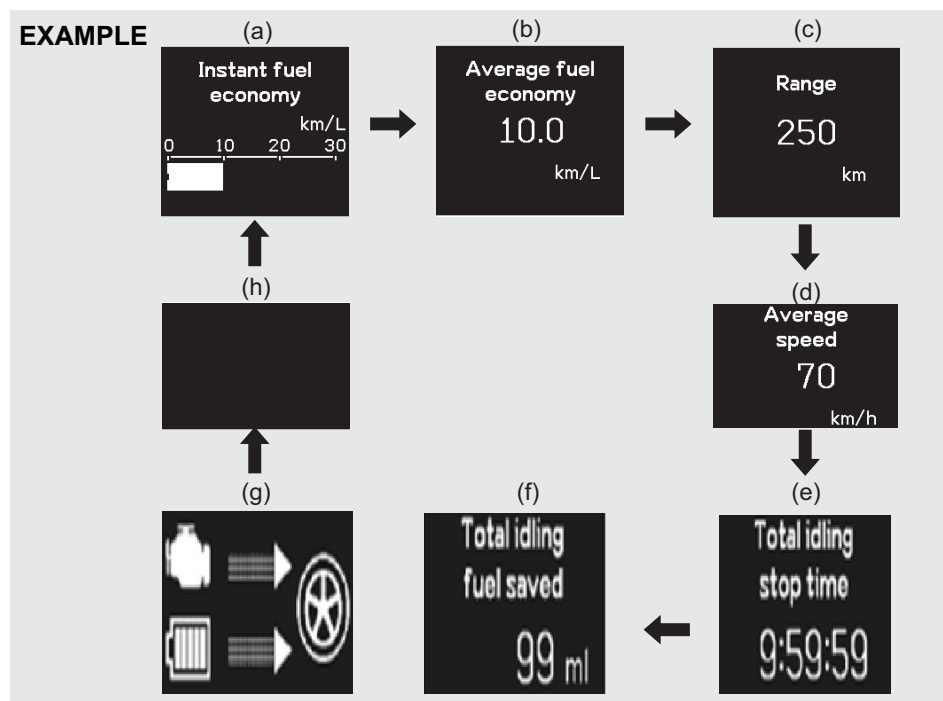
NOTE:

The outside temperature indication is not the actual outside temperature when driving at low speed, or when stopped.

BEFORE DRIVING

Driving Range / Average Speed / Total idling stop time / Total idling fuel saved / Energy flow indicator

When there are no warning or indicator messages on the display (C), you can select one of the following indications to appear on the display: instantaneous fuel consumption, average fuel consumption, driving range, average speed, total idling stop time, total idling fuel saved, energy flow indicator or no indication.



64MS058

- (a) Instantaneous fuel consumption
- (b) Average fuel consumption
- (c) Driving range
- (d) Average speed
- (e) Total idling stop time
- (f) Total idling fuel saved
- (g) Energy flow indicator
- (h) No indication

To switch the display indication (C), push the indicator selector knob (2) quickly.

NOTE:

The value of fuel consumption, driving range and average speed shown in the display are affected by conditions such as the following:

- road condition
- surrounding traffic condition
- driving condition
- vehicle condition
- a malfunction which causes the malfunction indicator light to come on or blink

BEFORE DRIVING

Instantaneous fuel consumption

The display shows instantaneous fuel consumption with a bar graph only when the vehicle is moving.

NOTE:

- *The display does not show the bar graph unless the vehicle is moving.*
- *Depending on the vehicle's specification, the fuel consumption units of initial setting are indicated as L/100km, km/L, MPG (UK) or MPG (US).*
- *For "L/100km" or "km/L" setting, the indicated maximum value of instantaneous fuel consumption is 30. No more than 30 will be indicated on the display even if the actual instantaneous fuel consumption is higher.*
- *For "MPG (UK)" setting, the indicated maximum value of instantaneous fuel consumption is 80. No more than 80 will be indicated on the display even if the actual instantaneous fuel consumption is higher.*
- *For "MPG (US)" setting, the indicated maximum value of instantaneous fuel consumption is 60. No more than 60 will be indicated on the display even if the actual instantaneous fuel consumption is higher.*
- *The indication on the display may be delayed if fuel consumption is greatly affected by driving conditions.*
- *The display shows estimated values. Indications may not be the same as actual values.*

Average fuel consumption

If you selected average fuel consumption the last time you drove the vehicle, the display shows the last value of average fuel consumption from previous driving when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON". Unless you reset the value of average fuel consumption, the display indicates the value of average fuel consumption which includes average fuel consumption during previous driving.

NOTE:

When you reconnect the negative (–) terminal to the battery, the value of average fuel consumption will be shown after driving for a period of time.

You can select when the value of average fuel consumption is reset from among the following three methods;

- **Reset after refuel:** the value of average fuel consumption will be reset automatically by refueling.
- **Reset with trip A:** the value of average fuel consumption will be reset automatically by resetting trip meter A.
- **Reset manually:** the value of average fuel consumption will be reset by pushing and holding the indicator selector knob (2) when the display indicates the average fuel consumption.

To change when the value of average fuel consumption is reset, refer to "Setting Mode" later in this section.

NOTE:

If you add only a small amount of fuel when you select "Reset after refuel", the average fuel consumption value may not be reset.

Driving range

If you selected driving range the last time you drove the vehicle, the display indicates "---" for a few seconds and then indicates the current driving range when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON".

The driving range shown in the display is an indicative unit of the approximate distance you can drive until the fuel gauge indicates "E", based on current driving conditions and the current fuel level in the fuel tank.

When the low fuel warning light comes on, the display "---" will appear. If the low fuel warning light comes on, fill the fuel tank immediately.

As the driving range after refueling is calculated based on the most recent driving condition, the value is different each time you refuel.

BEFORE DRIVING

NOTE:

- If you refuel when the ignition switch is in the "ON" position or the ignition mode is "ON", the driving range may not indicate the correct value.
- When you reconnect the negative (-) terminal to the battery, the value of driving range will be shown after driving for a period of time.
- If there are substantial changes in the driving pattern or vehicle usage, the displayed range may vary significantly.

Average Speed

If you selected average speed the last time you drove the vehicle, the display indicates the last value of average speed from previous driving when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON". Unless you reset the value of average speed, the display indicates the value of average speed which includes average speed during previous driving.

To reset the value of average speed, push and hold the indicator selector knob (2) for about 2 seconds when the display indicates an average speed. The display shows "---" and then indicates a new average speed after driving for a short time.

NOTE:

When you reconnect the negative (-) terminal to the battery, the value of average speed will be shown after driving for a period of time.

Total idling stop time

The display shows the total length (in hours, minutes and seconds) of engine stopping time by ENG A-STOP system since the indication was reset.

- To reset the total idling stop time to zero, push and hold the indicator selector knob (2) for a while when the display shows the idling stop time.

NOTE:

- The indicated maximum value of the total idling stop time is 99:59:59.
- When you reconnect the negative (-) terminal to the lead-acid battery, the value of the total idling stop time will be reset.

Total idling fuel saved

The display shows the total amount (in milliliters) of fuel conservation by ENG A-STOP system since the indication was reset.

- To reset the total idling fuel saved to zero, push and hold the indicator selector knob (2) for a while when the display shows the total idling fuel saved.

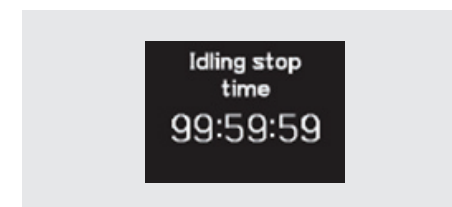
NOTE:

When you reconnect the negative (-) terminal to the lead-acid battery, the value of the total idling fuel saved will be reset.

Energy flow indicator

Refer to "ENG A-STOP system (engine auto stop start system)" in the "OPERATING YOUR VEHICLE" section.

Idling Stop Time



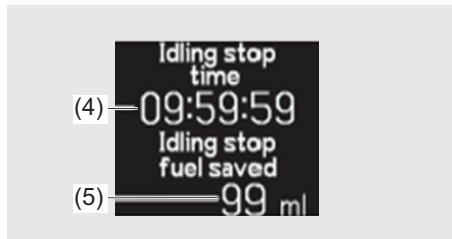
64MM02027

When the engine is stopped automatically by ENG A-STOP system, the display (D) will show the length (in hours, minutes and seconds) of engine stopping time. After the engine is restarted, the display will be switched to original indication.

BEFORE DRIVING

Eco-driving Driving

When you turn the ignition switch to “LOCK” position or press the engine switch to change the ignition mode to LOCK (OFF), the following information appears for several seconds on the display (D) of the information display.



(4) Idling stop time:

- The display shows the length (in hours, minutes and seconds) of engine stopping time by ENG A-STOP system for one drive.
- (5) Idling stop fuel saved:
- The display shows the amount (in milliliters) of fuel conservation by the ENG A-STOP system for one drive.

NOTE:

- You can change the setting so that the Eco-driving display will not be displayed. For details on the setting mode, refer to “Setting Mode” in the section.

- The total amount of fuel conservation by the ENG A-STOP system and total idling stop time can be displayed in the information display when the ignition switch is in “ON” position or the ignition mode is ON.

Trip Meter

The display (D) shows the trip meter.

The trip meter can be used to measure the distance traveled on short trips or between fuel stops.

You can use the trip meter A or trip meter B independently.

To reset the trip meter to zero, push and hold the trip meter selector knob (3) for about 2 seconds when the display shows the trip meter.

Odometer

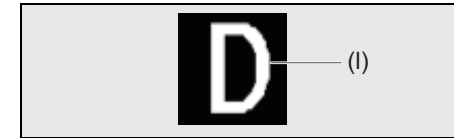
The display (E) shows the odometer.

The odometer records the total distance the vehicle has been driven.

NOTICE

Keep track of your odometer reading and check the maintenance schedule regularly for required services. Increased wear or damage to certain parts can result from failure to perform required services at the proper mileage intervals.

Selector Position (for automatic transaxle vehicles) / Gearshift Indicator (for manual transaxle vehicles)



Selector Position (for automatic transaxle vehicles)

When the engine switch is pressed to change the ignition mode to “ON”, the display (D) indicates the gear position (I).

For details on how to use the transaxle, refer to “Using transaxle” in “OPERATING YOUR VEHICLE” section.

Gearshift Indicator (for manual transaxle vehicles)

Refer to “Gearshift Indicator” in “OPERATING YOUR VEHICLE” section.

Setting Mode

When the ignition switch is in the “ON” position or the ignition mode is “ON” and the vehicle is stationary, you can enter the setting mode of the information display by pushing and holding the indicator selector knob (2) for more than 3 seconds.

- To select the setting that you want to change, turn the indicator selector knob (2) left or right.
- To change the setting, push the indicator selector knob (2).
- To exit the setting mode, select “Back” and push the indicator selector knob (2).

EXAMPLE



NOTE:

The currently selected setting item is indicated enclosed by a frame.

NOTE:

- If you push and hold the indicator selector knob (2) to enter the setting mode when the display (D) shows average fuel consumption or average speed, the value will be reset simultaneously. If you do not want to reset the value, push the indicator selector knob quickly to switch the indication of the display.
- If you turn the ignition switch, press the engine switch or start to move the vehicle when the display is in the setting mode, the setting mode will be canceled automatically.

Distance unit

(Odometer/tripmeter distance units setting)

You can change the units in which odometer/tripmeter distance is displayed in.

Fuel economy

(Fuel consumption units setting)

You can change the units that fuel consumption is displayed in.

Language

You can change the language of the information display.

Fuel reset (Average fuel consumption reset setting)

You can change when the value of average fuel consumption is reset.

Temperature

(Temperature units setting)

You can change the units that temperature is displayed in.

NOTE:

When you change the units that temperature is displayed in, the automatic heating and air conditioning system (if equipped) temperature display units will be changed automatically.

Set Sensors

(Parking sensors setting)

The parking sensor can be switched between the normal mode and trailer mode.

BEFORE DRIVING

Clock setting

- To change the hour indication, turn the indicator selector knob (2) left or right repeatedly when the hour indication appears as reversed color. To change the hour indication quickly, turn and hold the indicator selector knob (2). To set the hour indication, push the indicator selector knob (2) and the minute indication appears as reversed color.
- To change the minute indication, turn the indicator selector knob (2) left or right repeatedly when the minute indication appears as reversed color. To change the minute indication quickly, turn and hold the indicator selector knob (2). To set the minute indication, push the indicator selector knob (2).

You can also switch the time indication between 12-hour and 24-hour format.

Door Lock (Door lock setting)

• Door Unlock

- All Doors:
Unlock all doors by turning the key, or operating the keyless entry system transmitter, keyless push start system remote controller or request switch once
- Driver Door:
Unlock all doors by turning the key, or operating the keyless entry system transmitter, keyless push start system remote controller or request switch twice (default setting)

• Auto Lock

- Manual Lock:
Disable the automatic door locking function
- Speed Syncro:
Lock all doors when the vehicle speed reaches 15 km/h (default setting)

• Auto Unlock

- Syncro Off:
Disable the automatic door unlocking function (default setting for the vehicle with the keyless push start system)
- IG-OFF Sync:
Unlock all doors when the key is pulled out from the ignition switch or the engine switch is pressed to change the ignition mode to LOCK (OFF) (default setting for the vehicle without the keyless push start system)

• Alarm

You can turn off or on the siren sound when the door(s) is (are) locked or unlocked.

Lights (Light setting)

• Foot Lights (Foot well lights setting) (if equipped)

The foot well lights can be programmed for interlocked operation with either lighting control or door operation and for no lighting. (default setting is door operation)

• Lane Change (Turn signal lights setting)

The turn signal and its indicator can be set whether they flash three times even if you return the turn signal control lever immediately after moving it. (default setting is enabled state)

Anti theft

• Shock Sensor

You can switch the shock sensor from the disabled state to the enabled state, and vice versa. (default setting is disabled state)

• Shock Sens P

You can adjust the pre-warning sensitivity of shock sensor. (default setting level is 14)

• Shock Sens F

You can adjust the full blast warning sensitivity of shock sensor. (default setting level is 9)

BEFORE DRIVING

(Idling disp setting)

You can switch whether the information display shows the Eco-driving display when the ignition switch is turned to "LOCK" position or the ignition mode is changed to LOCK (OFF).

(Idling warn setting)

You can switch whether the information display shows the warning and indicator messages related on the ENG A-STOP system.

(Regen disp setting)

You can choose that the declaration energy regenerating indicator light comes on or does not come on.

IS A/C (ENG A-STOP system setting) (if equipped)

- When using the automatic heating and air conditioning system, you can select one of the following engine auto stop settings.
 - Standard
 - Economy
 - Comfort
- When "Economy" is selected, engine auto stop condition is eased, compared with "Standard". Engine auto stop condition will occur more frequently, the stop time will be longer, leading to reduction of fuel consumption.

- When "Comfort" is selected, engine auto stop condition becomes severe, compared with "Standard". Engine auto stop condition will occur less frequently, the stop time will be shorter, leading to more comfortable cabin condition by air conditioner.

Default (initialization setting)

If you select "Yes" and push the indicator selector knob (2), all settings will be reinitialized.

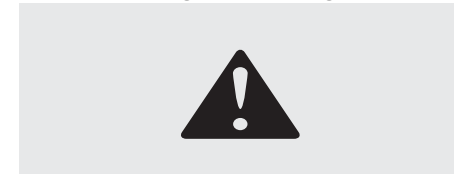
Warning and Indicator Messages

The display shows warning and indicator messages to let you know about certain vehicle problems.

A tone may also sound to alert you.

If warning and indicator messages appear on the display, follow the messages.

Master warning indicator light



78K049

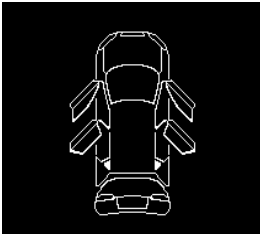
When the display shows warning and indicator messages, the master warning indicator light may also blink.

NOTE:

- When the problem that causes a message to appear is corrected, the message will disappear.
- If a message is displayed, and other problems requiring a message occur, the message for each of the problems will be alternately displayed about every 5 seconds.
- When you push and hold the indicator selector knob (2) for about 2 seconds while a message is displayed, the message will disappear temporarily. If the problem that caused the message is not corrected, the message will appear again after 5 seconds.

BEFORE DRIVING

Warning and indicator messages

Warning and Indicator Message	Master Warning Indicator Light	Sound	Cause and Remedy
 61MM0A162	Blinks (only while vehicle is in motion) 	Beep (one time from interior buzzer; only while vehicle is in motion)	A door or tailgate is not properly closed. Stop in a safe place and close the door or tailgate properly.
 61MM0A178	Blinks 	Beep (one time from interior buzzer)	The steering lock is not disengaged. While lightly turning the steering wheel in both directions, press the engine switch again.

BEFORE DRIVING

Warning and Indicator Message	Master Warning Indicator Light	Sound	Cause and Remedy
Keyless Push Start System  61MM0A166	Off	Off	The engine switch is pressed without depressing the brake and clutch pedals. Try again as instructed by the message.  WARNING Engine can be started only after depressing the clutch pedal. However, before depressing the clutch pedal make sure that the transaxle is in Neutral and brake pedal is depressed.
Keyless Push Start System  61MM0A168	Blinks 	Beep (one time from interior buzzer)	There is a problem with the steering lock system. Have your vehicle inspected by a Maruti Suzuki authorised workshop.
Keyless Push Start System  61MM0A168	Blinks 	Beep (one time from interior buzzer)	There is a problem with the Immobilizer/keyless push start system. Also, the vehicle battery voltage may be decreased. If this message is displayed even if you start the engine with normal voltage of the vehicle battery, have your vehicle inspected by a Maruti Suzuki authorised workshop.

BEFORE DRIVING

Warning and Indicator Message	Master Warning Indicator Light	Sound	Cause and Remedy
Keyless Push Start System  61MM0A170  61MM0A171	Blinks 	Series of beeps under certain conditions (for about 2 seconds from exterior and/or interior buzzers)	The remote controller may be outside the vehicle or its battery may have become discharged. Locate the remote controller or touch the engine switch with the remote controller. If the message still appears, replace the remote controller battery.

BEFORE DRIVING

Warning and Indicator Message	Master Warning Indicator Light	Sound	Cause and Remedy
 LIGHTS ON 61MM0A172	Blinks 	Continuous beep (from interior buzzer)	The headlights and/or the position lights are left on. Turn them off.
Keyless Push Start System  IGNITION SWITCH POSITION 61MM0A173	Off	Off	This message is displayed when the ON position is selected as the power supply position. (#1)
 LOW FUEL 61MM0A174S	Off	Beep (one time from interior buzzer)	Fuel is low. Refill immediately. (#1)

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

BEFORE DRIVING

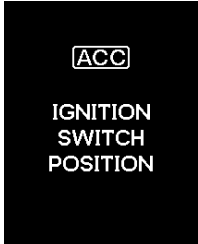
Warning and Indicator Message	Master Warning Indicator Light	Sound	Cause and Remedy
 61MM0A176	Off	Off	The road may be icy. Drive very carefully. (#1)
Keyless Push Start System  61MM0A177	Blinks 	Beep (one time from interior buzzer)	The remote controller battery is about to become flat. Replace the battery. (#1)

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

BEFORE DRIVING

Warning and Indicator Message	Master Warning Indicator Light	Sound	Cause and Remedy
Automatic transaxle  64MM02018	Off	Off	The engine switch is pressed with the gear-shift lever in a position other than “P” or “N” and depressing the brake pedal. Try again as instructed by message.
Automatic transaxle  64MM02019	Off	Off	The engine switch is pressed with the gear-shift lever in a position other than “P”. Try again as instructed by the message.
Hill hold control system  64MM02020	Blinks 	Beep (one time from interior buzzer)	There may be a problem with hill hold control system (if equipped). Have your vehicle inspected by a Maruti Suzuki authorised workshop.

BEFORE DRIVING

Warning and Indicator Message	Master Warning Indicator Light	Sound	Cause and Remedy
Keyless Push Start System  61MM0A163	Off	Off	This message is displayed when the ACC position is selected as the power supply position. (#1)
Keyless Push Start System  61MM0A164	Off	Off	The clutch pedal is depressed. Press the engine switch to start the engine.
 61MM0A180	Blinks 	Beep (one time from interior buzzer)	If this message is displayed, have your vehicle inspected by a Maruti Suzuki authorised workshop.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

NOTE:

Your vehicle is equipped with a parking sensor system, the information display also indicates warning and indicator messages related to the system. For information on these messages, refer to "Parking Sensors" in the "OPERATING YOUR VEHICLE" section.

Warning and Indicator Lights

NOTE:

If warning and indicator lights blink or come on, the corresponding messages may be shown on the information display.

Brake System Warning Light (red color)



65D477

Three different types of operations exist depending on the vehicle's specification.

- 1) The light comes on briefly when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON".
- 2) The light comes on when the parking brake is engaged with the ignition switch in the "ON" position or the ignition mode "ON".
- 3) The light comes on when under either or both of above two conditions.

The light also comes on when the fluid in the brake fluid reservoir falls below the specified level.

The light should go out after starting the engine and fully releasing the parking

brake, if the fluid level in the brake fluid reservoir is adequate.

The brake system warning light (red color) comes on together with the ABS warning light when the rear brake force control function (proportioning valve function) of the ABS system fails.

If the brake system warning light (red color) comes on while you are driving the vehicle, it may mean that there is something wrong with the vehicle's brake system. If this happens, you should:

- 1) Pull off the road and stop carefully.

⚠ WARNING

Remember that stopping distance may be longer, you may have to push harder on the pedal, and the pedal may go down farther than normal.

- 2) Test the brakes by carefully starting and stopping on the shoulder of the road.
- 3) If you determine that it is safe, drive cautiously at low speed to the nearest dealer for repairs or have the vehicle towed to the nearest Maruti Suzuki authorised workshop for repairs.

⚠ WARNING

If any of the following conditions occur, you should immediately ask a Maruti Suzuki authorised workshop to inspect the brake system.

- If the brake system warning light (red color) does not go out after the engine has been started and the parking brake has been fully released.
- If the brake system warning light (red color) does not come on when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON".
- If the brake system warning light (red color) comes on at any time during vehicle operation.

NOTE:

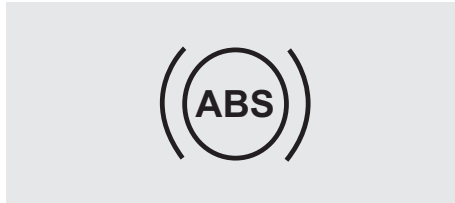
Because the brake system is self-adjusting, the fluid level will drop as the brake pads become worn. Replenishing the brake fluid reservoir is considered normal periodic maintenance.

NOTE:

(Parking Brake Reminder Buzzer)
A buzzer sounds intermittently to remind you to release the parking brake if you start the vehicle without releasing the parking brake. Make sure that the parking brake is fully released and the brake system warning light (red color) turns off.

BEFORE DRIVING

Anti-Lock Brake System (ABS) Warning Light



65D529

When the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON", the light comes on briefly so you can check that the light is working.

If the light stays on, or comes on when driving, there may be something wrong with the ABS.

If this happens:

- 1) Pull off the road and stop carefully.
- 2) Turn the ignition switch to "LOCK" or change the ignition mode to "LOCK" (OFF) by pressing the engine switch and then start the engine again.

If the warning light comes on briefly then turns off, the system is normal. If the warning light still stays on.

If the ABS warning light and the brake system warning light (red color) stay on, or come on simultaneously when driving, your ABS system is equipped with the rear brake force control function (proportioning

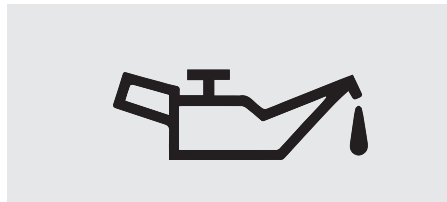
valve function) and there may be something wrong with both the rear brake force control function and anti-lock function of the ABS system.

If one of these happens, have the system inspected by a Maruti Suzuki authorised workshop.

If the ABS becomes inoperative, the brake system will function as an ordinary brake system that does not have this ABS system.

For details of ABS system, refer to "Anti-Lock Brake System (ABS)" in the "OPERATING YOUR VEHICLE" section.

Oil Pressure Warning Light



50G051A

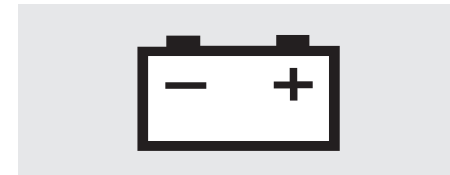
This light comes on when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON", and goes out when the engine is started. The light will come on and remain on if there is insufficient oil pressure. If the light comes on when driving, pull off the road as soon as you can and stop the engine.

Check the oil level and add oil if necessary. If there is enough oil, the lubrication system should be inspected by a Maruti Suzuki authorised workshop before you drive the vehicle again.

NOTICE

- If you operate the engine with this light on, severe engine damage can result.
- Do not rely on the oil pressure warning light to indicate the need to add oil. Be sure to periodically check the engine oil level.

Charging Warning Light



50G052

This light comes on when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON", and goes out when the engine is started. The light will come on and remain on if there is something wrong with the battery charging system. If the light comes on when the engine is running, the charging system should be inspected immediately by a Maruti Suzuki authorised workshop.

BEFORE DRIVING

Driver's / Front Passenger's Seat Belt Warning Light



60G049

When the driver and/or front passenger do not fasten their seat belt, light will come on and a buzzer will sound to remind the driver and/or front passenger to fasten their seat belts.

For details of the seat belt reminder, refer to "Seat belts and child restraint systems" in this section.

NOTICE

When sitting on the driver and/or co-driver seat, it is very important that the passenger sits upright, leaning against the seat backrest and centered on the seat cushion in order for the seatbelt reminder system to function effectively. An occupant sitting improperly (slouches, turns sideways, sits forward or sideways) may hamper the functioning of this system as it may not detect the occupant.

AirBag Light



63J030

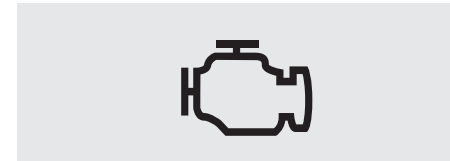
This light blinks or comes on for several seconds when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON" so you can check if the light is working.

The light will come on and stay on if there is a problem in the airbag system or the seat belt pretensioner system.

⚠ WARNING

If the AIRBAG light does not blink or come on briefly when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON", stays on for more than 10 seconds, or comes on while driving, the airbag system or the seat belt pretensioner system may not work properly. Have both systems inspected by a Maruti Suzuki authorised workshop.

Malfunction Indicator Light



65D530

Your vehicle has a computer-controlled emission control system. A malfunction indicator light is provided on the instrument panel to indicate when it is necessary to have the emission control system serviced. The malfunction indicator light comes on when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON" to let you know the light is working and goes out when the engine is started.

If the malfunction indicator light comes on or blinks when the engine is running, there is a damage in the emission control system. Bring the vehicle to a Maruti Suzuki authorised workshop to have the damage fixed.

NOTICE

Continuing to drive the vehicle when the malfunction indicator light is on or blinking can cause permanent damage to the vehicle's emission control system, and can affect fuel economy and driveability.

BEFORE DRIVING

Immobilizer/Keyless Push Start System Warning Light



80JM122

When the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON", the light comes on briefly so you can check that the light is working. If this light still stays on even if you start the engine with normal voltage of the vehicle battery, ask a Maruti Suzuki authorised workshop to have the system inspected.

Open Door Warning Light



54G391

This light remains on until all doors (including the tailgate) are completely closed.

If any door (including the tailgate) is open when the vehicle is moving, a ding sounds to remind you to close all doors completely.

Low Fuel Warning Light



54G343

If this light comes on, fill the fuel tank immediately.

When this light comes on, a ding sounds once to remind you to fill the fuel. If you do not fill the fuel, a ding sounds every time when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON".

NOTE:

The activation point of this light varies depending on road conditions (for example, slope or curve) and driving conditions because of fuel moving in the tank.

Electric Power Steering Light



79J039

This light comes on when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON", and goes out when the engine is started.

If this light comes on while driving, the power steering system may not work properly. Have the system inspected by a Maruti Suzuki authorised workshop.

NOTE:

While parking or driving at very low speed greater steering effort is required. This is not a malfunction of the steering system but power steering control system limiting power assist in order to prevent it from over heating.

- *The steering wheel is operated very often.*
- *The steering wheel is kept in a fully turned position for a long while.*

When the power steering control system cools down, the power steering system is restored back to the original condition.

BEFORE DRIVING

However, repeating these operations could cause damage to the power steering system.

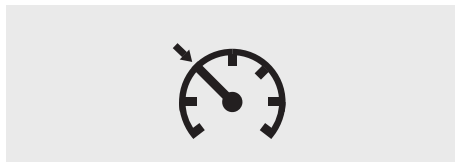
NOTE:

If the power steering system does not work properly, you will feel heavier to steer but you still will be able to steer.

NOTE:

If the steering is operated, you may hear a noise. This is normal and indicates that the power steering system works properly.

Cruise Indicator Light (if equipped)



64MM02015

When the cruise control system is on, this light will be on.

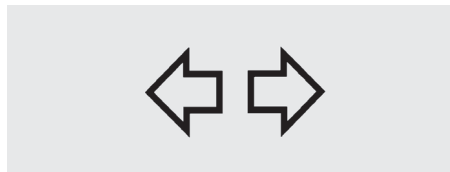
“SET” Indicator Light (if equipped)



65D474

When a cruising speed of the cruise control is set, this light will be on.

Turn Signal Indicators



50G055

When you turn on the left or right turn signals, the corresponding green arrow on the instrument panel will flash along with the respective turn signal lights. When you turn on the hazard warning switch, both arrows will flash along with all of the turn signal lights.

NOTE:

If any abnormality of the turn signals is observed, such as fast blinking, there may be malfunction in the turn signal system. Ask your Maruti Suzuki authorised workshop to inspect the system.

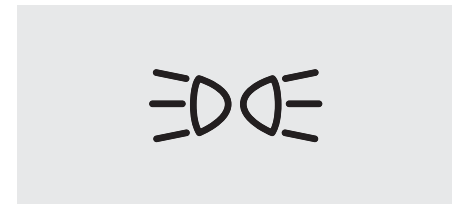
Main Beam (high beam) Indicator Light



50G056

This indicator comes on when headlight main beams (high beams) are turned on.

Illumination Indicator Light



64J045

This indicator light comes on while the position lights, tail light and/or the headlights are on.

Master Warning Indicator Light



78K049

When the ignition switch is turned to “ON” position or the engine switch is pressed to change the ignition mode to “ON”, this light comes on briefly so you can check that the light is working.

When the information display shows warning and indicator messages, this indicator light may also comes on or blink. For details, refer to “Information Display” in this section.

BEFORE DRIVING

ENG A-STOP Indicator Light

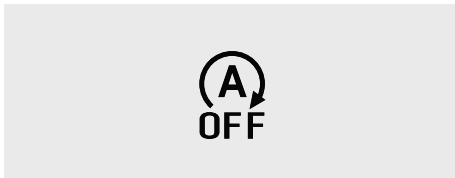


72M00032

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

When the engine is stopped by the "ENG A-STOP" system, this light comes on. For details, refer to "ENG A-STOP System (Engine Auto Stop Start System)" in the "OPERATING YOUR VEHICLE" section.

ENG A-STOP OFF Light



72M00159

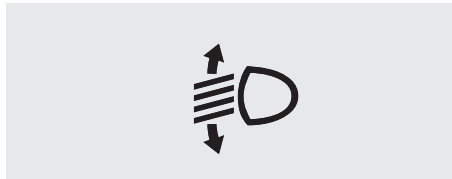
When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

When you push the "ENG A-STOP OFF" switch, this light comes on.

If this light blinks when driving, there may be something wrong with the ENG A-STOP system or the smart HYBRID system. You should have the system inspected by a Maruti Suzuki authorised workshop.

For details, refer to "ENG A-STOP System (Engine Auto Stop Start System)" and "smart HYBRID" in the "OPERATING YOUR VEHICLE" section.

Automatic headlight leveling system warning light (if equipped)

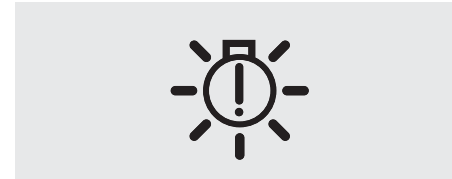


64J046

When the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

If this light comes on, there is a problem with the automatic headlight leveling system. Bring the vehicle inspected by a Maruti Suzuki authorised workshop to have the problem corrected.

LED headlight warning light (if equipped)



54P000234

When the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

If this light comes on, there is a problem with the LED headlight. Park the vehicle in a safe place and consult a Maruti Suzuki authorised workshop to have the problem corrected.

Transaxle Warning Light (if equipped)



64MM02021

When the ignition is pushed to "ON" mode, this light comes on for several seconds so you can check that the light is working.

BEFORE DRIVING

If this light comes on when the engine is running, there is a problem with the automatic transaxle system. Ask a Maruti Suzuki authorised workshop to have the system inspected.

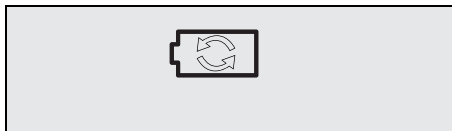
O/D OFF light (For Automatic Transaxle) (if equipped)



64MM02022

This light comes on when you press the overdrive off switch to on. For details refer to "4 Speed Automatic Transaxle" in "OPERATING YOUR VEHICLE" section.

"RE-GEN" Indicator Light (if equipped)



64MM02023

This light comes on for several seconds when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON" so you can check that the light is working.

When the deceleration energy regenerating function is working, this indicator light will come on.

Brake System Warning Light (amber color) (if equipped)



64MM02024

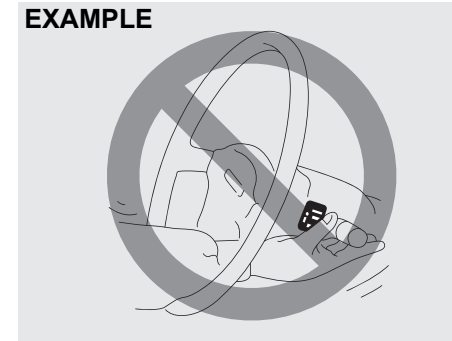
When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

If this light comes on, there may be a problem with the hill hold control system. Have your vehicle inspected by a Maruti Suzuki authorised workshop.

For details, refer to "Hill Hold Control System" in the "OPERATING YOUR VEHICLE" section.

Lighting Control Lever

EXAMPLE



65D611

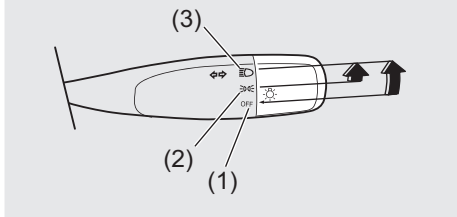
⚠ WARNING

To avoid possible injury, do not operate controls by reaching through the steering wheel.

BEFORE DRIVING

Lighting Operation

EXAMPLE



60MK011

To turn the lights on or off, twist the knob on the end of the lever. There are three positions:

OFF (1)

All lights are off.

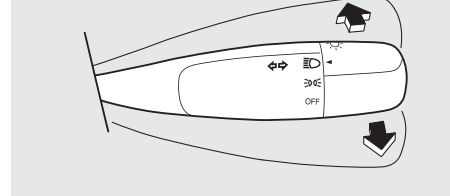
☞ (2)

Front position lights, tail lights, license plate light and instrument lights are on, but headlights are off.

☞☞ (3)

Front position lights, tail lights, license plate light, instrument lights and headlights are on.

EXAMPLE

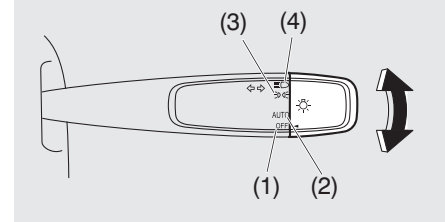


60MK012

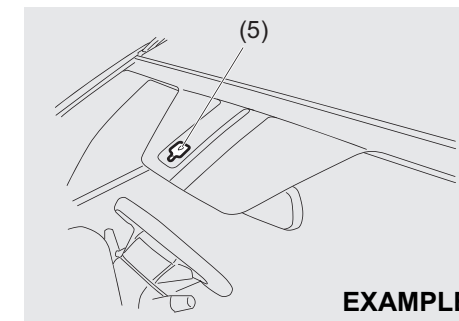
With the headlights on, push the lever forward to switch to the high beams (main beams) or pull the lever toward you to switch to the low beams. When the high beams (main beams) are on, a light on the instrument panel will come on. To momentarily activate the high beams (main beams) as a passing signal, pull the lever slightly toward you and release it when you have completed the signal.

Automatic Lights Operation (if equipped)

EXAMPLE



64MS059



EXAMPLE

64MS060

Your vehicle's lighting system is controlled by two main systems: the Lighting switch and the Auto-On Headlight System (when the lighting switch is in the "AUTO" position).

The two systems work together to operate your lights as shown in the following chart:

BEFORE DRIVING

ON: Lights ON

LIGHT: When it is light around the light sensor (5).

DARK: When it is dark around the light sensor (5).

Lighting switch position	Main lights to be operated	Ignition mode “LOCK” (OFF) or “ACC”		Ignition mode “ON”	
		LIGHT	DARK	LIGHT	DARK
(1) OFF	Position lights, Tail lights	–	–	–	–
	Headlights	–	–	–	–
(2) AUTO	Position lights, Tail lights	–	–	–	ON
	Headlights	–	–	–	ON
(3) 304	Position lights, Tail lights	ON	ON	ON	ON
	Headlights	–	–	–	–
(4) 3D	Position lights, Tail lights	ON	ON	ON	ON
	Headlights	ON	ON	ON	ON

To turn the lights on or off, twist the knob on the end of the lever. There are four positions:

OFF (1)

All lights are off.

AUTO (2)

This function works when it on mode has been changed to ON by pressing the engine switch. The headlights and position lights are turned on and off automatically according to the amount of outside light detected by a sensor. They go out automatically when you change the ignition mode to “ACC” or “LOCK” (OFF) by pressing the engine switch.

The light sensor (5) for sensing the amount of outside light is installed on the upper part of the windshield. It also serves as the rain sensor for the rain-sensing wipers.

⚠ CAUTION

If the light sensor area of the windshield is covered with mud, ice, or other similar substances, the headlights and position lights may be turned on even when it is still light outside. Before removing such substances from the windshield, always set the wiper control lever to the “OFF” position. If the lever is left in the “AUTO” position, the wipers could unexpectedly operate and cause injury, and could also be damaged.

BEFORE DRIVING

NOTE:

- Avoid covering the light sensor area of the windshield with a sticker. The sticker may impair the performance of the sensor and make the system unable to control operation of the lights correctly.
- If you changed the ignition mode to "ON" by pressing the engine switch and the "AUTO" position remains selected, the headlights and position lights come on automatically as the outside gets dark even with the engine not running. Leaving the lights lit for a long time may lead to a completely discharged battery.

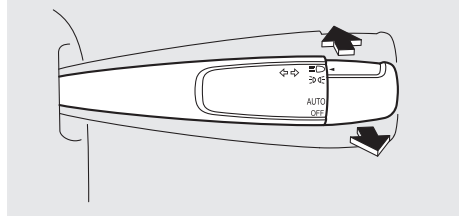
☞ (3)

Front position lights, tail lights, license plate light and instrument lights are on, but headlights are off.

☞ (4)

Front position lights, tail lights, license plate light, instrument lights and headlights are on.

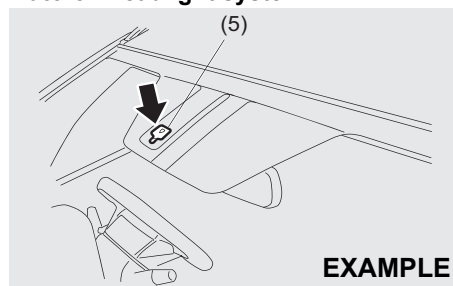
EXAMPLE



64MS061

With the headlights on, push the lever forward to switch to the high beams (main beams) or pull the lever toward you to switch to the low beams. When the high beams (main beams) are on, a light on the instrument panel will come on. To momentarily activate the high beams (main beams) as a passing signal, pull the lever slightly toward you and release it when you have completed the signal.

Auto-on headlight system



64MS062

The Auto-on headlight system automatically turns on all lights that are operated by the lighting control lever on the steering column, when the following three conditions are all met.

Conditions for Auto-on headlight system operation:

- 1) It is dark around the light sensor (5).
- 2) The lighting control lever is in the "AUTO" position.
- 3) You press the engine switch to change the ignition mode to "ON".

This system is operated by a signal from the light sensor (5) on the front windshield. Do not cover the sensor (5). If you do, the system will not work correctly.

⚠ WARNING

It takes about 5 seconds for the light sensor to react to a change in lighting conditions. To help avoid an accident due to reduced visibility, turn on your headlights before driving into a tunnel, parking structure or the like.

NOTE:

The light sensor is sensitive to infrared rays, so it may operate incorrectly in the region of strong infrared rays.

Reprogramming the automatic light function

The following settings of the automatic light function can be customized to your preference. Please contact a Maruti Suzuki authorised workshop if you want the function reprogrammed.

Sensitivity of the light sensor

The amount of outside light needed to turn the lights on and off is pre-set at the factory. The sensitivity of the light sensor can be adjusted so that the lights are turned on and off when it is:

- Lighter outside than the pre-set condition, or
- Darker outside than the pre-set condition

BEFORE DRIVING

Rain-triggered automatic lighting operation

The setting of the auto-on headlight system can be changed to make it turn on the headlights:

- when the rain sensor senses heavy rainfall.
- when the rain sensor senses light and heavy rainfall (in coordination with rain-sensing wiper operation), or
- independently from rain-sensing wiper operation.

Light Reminder Buzzer

The interior buzzer continuously beeps if you open the driver's door without turning off the headlights and position lights. This function is triggered under the following condition:

The headlights and/or position lights are on even after the ignition switch is turned off, or the engine switch is pressed to change the ignition mode to "LOCK" (OFF).

The buzzer stops sounding when you turn off the headlights and position lights.

NOTE:

A message is indicated on the information display in the instrument cluster while the buzzer is sounding.

Daytime Running Light (D.R.L.) System (if equipped)

When the engine is started, the daytime running lights are turned on by this system.

Conditions for D.R.L. system operation

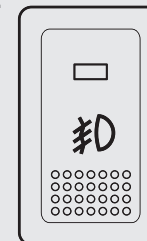
- 1) The engine is running.
- 2) Headlights and front fog light (if equipped) are off.

NOTE:

Brightness of the daytime running lights is different from the brightness of the position lights, but it is not a malfunction.

Front Fog Light Switch (if equipped)

EXAMPLE



64J058

The front fog light comes on when the fog light switch is pushed in with the position lights, tail lights and/or the headlights are on. An indicator light above the switch will be lit when the front fog light is on.

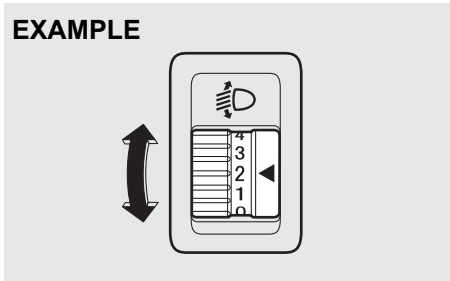
NOTE:

In some countries the lighting operation may be different from the above description according to local regulations.

BEFORE DRIVING

Headlight Leveling Switch (if equipped)

EXAMPLE



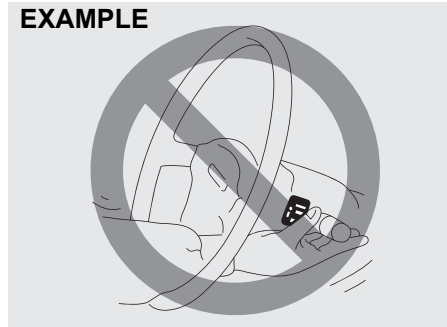
80JM040

Level the headlight beam according to the load condition of your vehicle by turning this switch. The chart below shows the appropriate switch position for different vehicle-load conditions.

Vehicle Load Condition	Switch Position
Driver only	0
Driver + 1 passenger (in front seat)	0
Driver + 4 passengers, no cargo	2
Driver + 4 passengers, cargo added	3
Driver + full cargo	4

Turn Signal Control Lever

EXAMPLE



65D611

⚠ WARNING

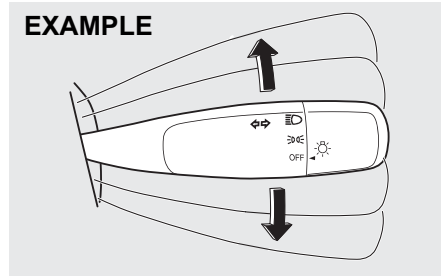
To avoid possible injury, do not operate controls by reaching through the steering wheel.

Turn Signal Operation

With the ignition switch in the "ON" position or the ignition mode "ON", move the lever up or down to activate the right or left turn signals.

Normal turn signal

EXAMPLE

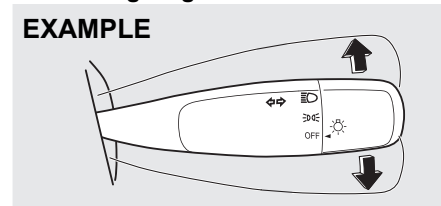


60MK013

Move the lever all the way upward or downward to signal. When the turn is completed, the signal will cancel and the lever will return to its normal position.

Lane change signal

EXAMPLE



60MK014

Move the lever part-way in the direction to turn and hold it there.

- The turn signal and its indicator flash while the lever is held at the moved position.

The turn signal and its indicator flash three times even if you return the lever immediately after moving it.

NOTE:

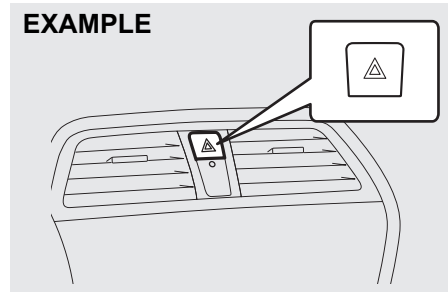
The turn signal and its indicator can be set whether they flash three times after the turn signal lever is returned via the information display. Refer to "Information Display" in this section.

NOTE:

You can customize the setting for the number of times of flashing of the turn signal and its indicator (1 to 4 times). Please ask a Maruti Suzuki authorised workshop for the customization.

Hazard Warning Switch

EXAMPLE



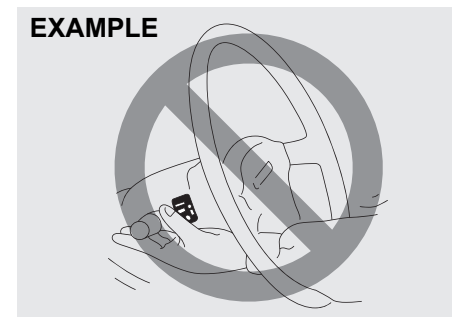
61M0163

Push in the hazard warning switch to activate the hazard warning lights. All turn signal lights and both turn signal indicators will flash simultaneously. To turn off the lights, push the switch again.

Use the hazard warning lights to warn other traffic during emergency parking or when your vehicle could otherwise become a traffic hazard.

Windshield Wiper and Washer Lever

EXAMPLE



57L21128

⚠ WARNING

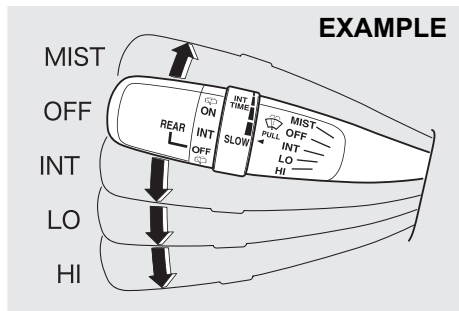
To avoid possible injury, do not operate controls by reaching through the steering wheel.

Wiper and Washer Operation

When the ignition switch is in the "ON" position or the ignition mode is "ON", you can use the wiper/washer lever or switch (if equipped).

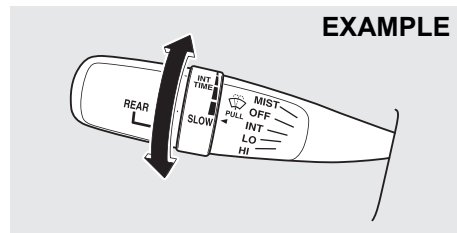
BEFORE DRIVING

Windshield Wipers



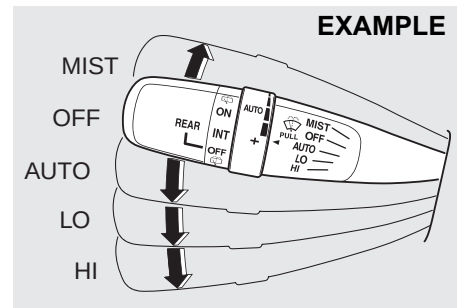
To turn the windshield wipers on, move the lever down to one of the three operating positions. In the “INT” position, the wipers operate intermittently. The “INT” position is very convenient for driving in mist or light rain. In the “LO” position, the wipers operate at a steady low speed. In the “HI” position, the wipers operate at a steady high speed. To turn off the wipers, move the lever back to the “OFF” position.

Move the lever up and hold it to the “MIST” position, the windshield wipers will turn on continuously at low speed.



If the lever is equipped with the “INT TIME” control, turn the control forward or rearward to adjust the intermittent wiper operation to the desired interval.

Windshield Wipers with Rain Sensing Function (if equipped)

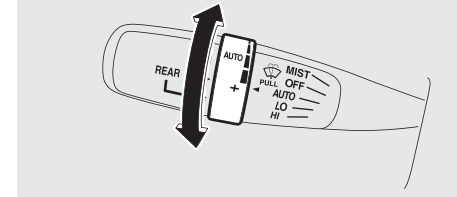


Press the engine switch to change the ignition mode to “ON”. To turn the rain-sensing wipers on, move the lever down to one of the three operating positions. In the “AUTO” position (if provided), the wipers

automatically operate when the wiper system senses rain or snow. In the “LO” position, the wipers operate at a steady low speed. In the “HI” position, the wipers operate at a steady high speed. To turn off the wipers, move the lever back to the “OFF” position.

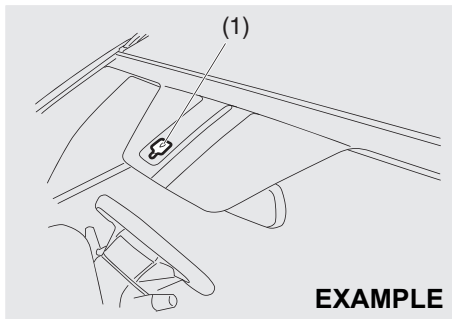
Move the lever up and hold it to the “MIST” position; the wipers will operate continuously at low speed for as long as you hold the lever in the “MIST” position.

EXAMPLE



If the control lever has an “AUTO” position, you can change the system’s sensitivity to rain/snow by turning the knob of the control lever forward for increased sensitivity or rearward for decreased sensitivity.

BEFORE DRIVING



EXAMPLE

61M0219

(1) Rain sensor

⚠ CAUTION

- Observe the following instructions when the wiper lever is set to the "AUTO" position with the engine switch in the "ON" mode. Otherwise, the wipers could unexpectedly operate and cause injury, and could also be damaged.
 - Do not touch or wipe the rain sensor area of the windshield with a cloth.
 - Do not hit the windshield or rain sensor.
- Set the wiper control lever to the "OFF" position before washing the vehicle in an automatic car wash or cleaning the windshield.

NOTE:

- Under the following conditions, the rain sensor may not be able to sense rain or snow correctly, and thus the rain-sensing wiper function may not work or may work incorrectly. (Use a position other than "AUTO" under these conditions.)
 - Rain or snow does not hit the rain sensor area of the windshield, or the snow is not of a type that is able to be detected by the sensor.
 - The rain sensor area is covered with mud, ice or other similar substance. You should remove any foreign substance.
 - There were already raindrops on the windshield before starting rain-sensing wiper operation. You should remove the raindrops by operating the wipers under manual control.
 - The rain sensor is hotter than 80°C (176°F) in the sun or lower than -10°C (14°F) in freezing weather. (The wipers do not operate under this condition.)
 - The windshield is coated with a water-repellent substance, which causes raindrops to run down quickly. This will give a clearer view and the wipers may seem to operate too frequently. In this case, decrease the system's sensitivity.
 - The sensor area is covered with a sticker.
 - The wiper blades are damaged. You should replace them.

- The vehicle is running on bad road conditions.
- The following conditions may indicate problems with the rain-sensing wiper system. If your system exhibits any of the following conditions, have it inspected by a Maruti Suzuki authorised workshop.
 - Rainfall/snowfall rate varies but the wiping interval remains constant.
 - Rain/snow is falling but the wipers do not operate.

Reprogramming the rain-sensing wiper function

The "AUTO" position operation of the rain-sensing wiper function can be customized to your preference by reprogramming its setting as follows. Please contact a Maruti Suzuki authorised workshop for this customization.

Full-automatic wiping (factory setting)

The system automatically selects the most appropriate of the following wiping modes: no wiping, intermittent wiping, low-speed wiping, and high-speed wiping.

Semi-automatic wiping

The system automatically selects the most appropriate of the following wiping modes: intermittent wiping, low-speed wiping, or high-speed wiping. (The wipers do not stop automatically.)

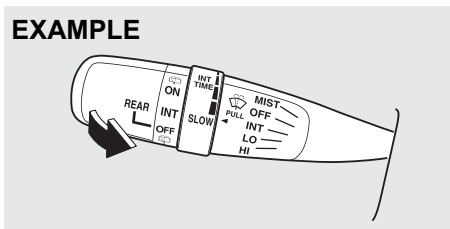
BEFORE DRIVING

Intermittent wiping

The wipers operate only in the intermittent wiping mode. The wiping interval can be changed with the knob on the control lever.

Windshield Washer

EXAMPLE



64MS067

To spray windshield washer fluid, pull the lever toward you. The windshield wipers will automatically turn on at low speed if they are not already on and the "INT" position is equipped.

⚠ WARNING

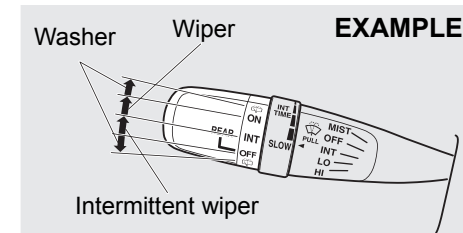
- To prevent windshield icing in cold weather, turn on the defroster to heat the windshield before and during windshield washer use.
- Do not use radiator antifreeze in the windshield washer reservoir. It can severely impair visibility when sprayed on the windshield, and can also damage your vehicle's paint.

NOTICE

To help prevent damage to the windshield wiper and washer system components, you should take the following precautions:

- Do not continue to hold in the lever when there is no windshield washer fluid being sprayed or the washer motor can be damaged.
- Do not attempt to remove dirt from a dry windshield with the wipers or you can damage the windshield and the wiper blades. Always wet the windshield with washer fluid before operating the wipers.
- Clear ice or packed snow from the wiper blades before using the wipers.
- Check the washer fluid level regularly. Check it often when the weather is bad.
- Only fill the washer fluid reservoir 3/4 full during cold weather to allow room for expansion if the temperature falls low enough to freeze the solution.

Rear Window Wiper/Washer Switch (if equipped)



64MS068

To turn the rear wiper on, twist the rear wiper switch on the end of the lever forward to the "ON" position. If your vehicle is equipped the "INT" position, the rear wiper operates intermittently when you twist the switch forward to the "INT" position. To turn the rear wiper off, twist the switch rearward to the "OFF" position.

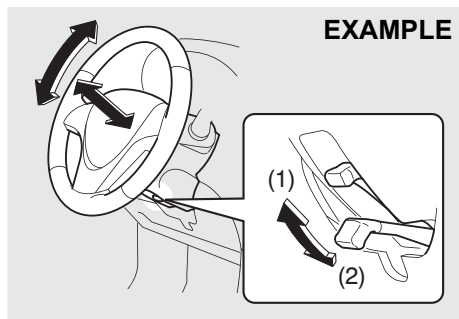
With the rear wiper in the "OFF" position, twist the switch rearward and hold it there to spray window washer fluid.

With the rear wiper in the "ON" position, turn the switch forward and hold it there to spray window washer fluid.

NOTICE

Clear ice or snow from the rear window and rear wiper blade before using the rear wiper. Accumulated ice or snow could prevent the wiper blade from moving, causing damage to the wiper motor.

Tilt/Telescoping (if equipped) Steering Lock Lever



61MM0A085

- (1) LOCK
(2) UNLOCK

The lock lever is located under the steering column. To adjust the steering wheel height and fore-aft position:

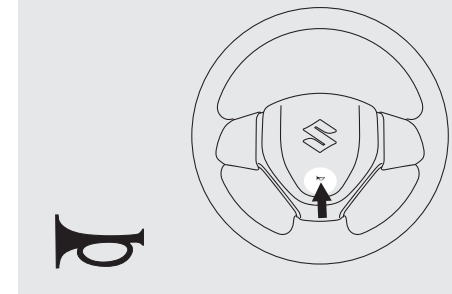
- 1) Push down the lock lever to unlock the steering column.
- 2) Adjust the steering wheel to the desired height and fore-aft position and lock the steering column by pulling up the lock lever.
- 3) Try moving the steering wheel up and down and back and forth to make sure it is securely locked in position.

WARNING

Never attempt to adjust the steering wheel while the vehicle is moving or you could lose control of the vehicle.

Horn

EXAMPLE



68LM240

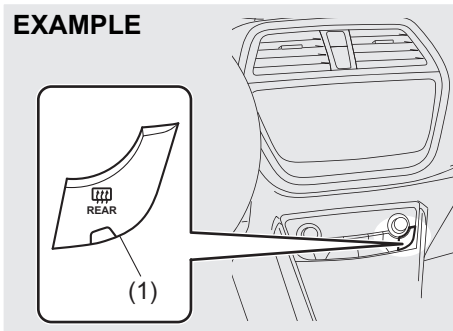
Press the horn button of the steering wheel to sound the horn. The horn will sound with the ignition switch in any position or any ignition mode.

BEFORE DRIVING

Heated Rear Window Switch (if equipped)

Type A

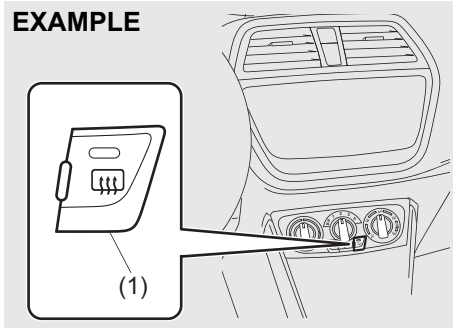
EXAMPLE



64MM02009

Type B

EXAMPLE



64MM02010

When the rear window is misted, push this switch (1) to clear the mist from the window.

An indicator light will be lit when the defogger is on. The defogger will work only when the engine is running. To turn off the defogger, push the switch (1) again.

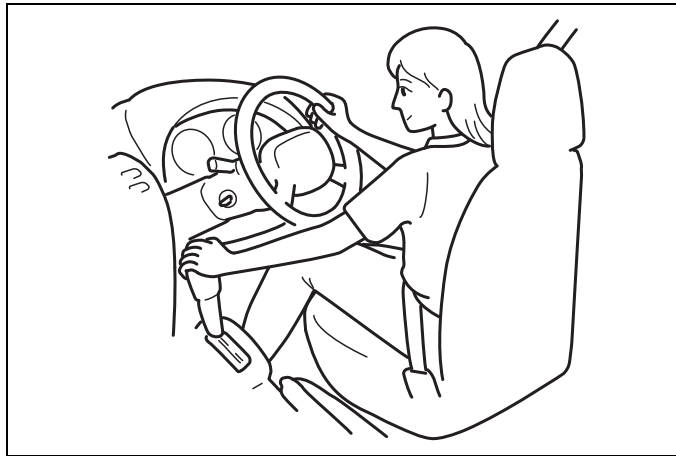
NOTICE

The heated rear window uses a large amount of electricity. Turn off after the window and mirrors have become clear.

NOTE:

- The defogger will work only when the engine is running.

The defogger will automatically turn off after the defogger remains on for 15 minutes to prevent discharging of the battery.



60G408

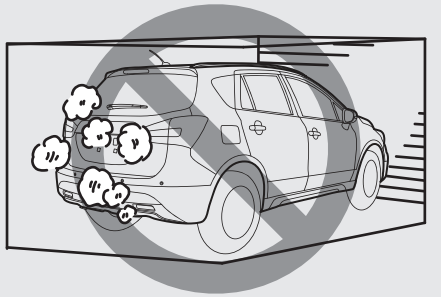
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OPERATING YOUR VEHICLE

Exhaust Gas Warning

EXAMPLE



64MM03007

⚠ WARNING

Avoid breathing exhaust gases. Exhaust gases contain carbon monoxide, a potentially lethal gas that is colorless and odorless. Since carbon monoxide is difficult to detect by itself, be sure to take the following precautions to help prevent carbon monoxide from entering your vehicle.

- Do not leave engine running in garages or confined areas, with passengers inside. This may result in accumulation of carbon-monoxide in cabin and may lead to suffocation or breathing problems and lead to death.
- Do not park with the engine running for a long period of time, even in an open area. In case of long periods, danger of choking and death on being inside the vehicle is a possibility when the engine is running. If it is necessary to sit for a short time in a parked vehicle with the engine running, make sure the air intake selector is set to "FRESH AIR" and the blower is at high speed.

(Continued)

⚠ WARNING

(Continued)

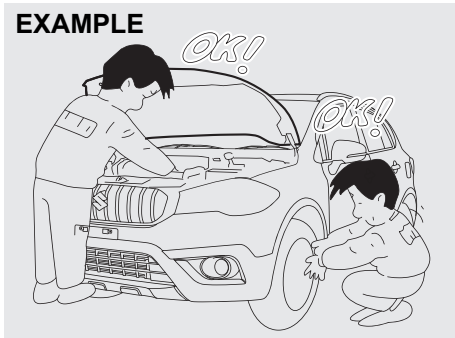
- Avoid operating the vehicle with the tailgate open. If it is necessary to operate the vehicle with the tailgate open, make sure all windows are closed, and the blower is at high speed with the air intake selector set to the fresh air position.
- To allow proper operation of your vehicle's ventilation system, keep the air inlet grille in front of the windshield clear of snow, leaves or other obstructions at all times.
- Keep the exhaust tailpipe area clear of snow and other material to help reduce the buildup of exhaust gases under the vehicle. This is particularly important when parked in blizzard conditions.
- Have the exhaust system inspected periodically for damage and leaks. Any damage or leaks should be repaired immediately.

OPERATING YOUR VEHICLE

Daily Inspection Checklist

Before Driving

EXAMPLE



64MM03006

- 1) Make sure that windows, mirrors, lights and reflectors are clean and unobstructed.
- 2) Visually check the tires for the following points:
 - the depth of the tread groove
 - abnormal wear, cracks and damage
 - loose wheel nuts
 - existence of foreign material such as nails, stones, etc.Refer to “Tires” in “INSPECTION AND MAINTENANCE” section for details.
- 3) Look for fluid and oil leaks.

NOTE:

It is normal for water to drip from the air conditioning system after use.

- 4) Make sure the hood is fully closed and latched.
- 5) Check the headlights, turn signal lights, brake lights and horn for proper operation.
- 6) Adjust the seat and head restraint.
- 7) Check the brake pedal and the parking brake lever.
- 8) Adjust the mirrors.
- 9) Make sure that you and all passengers have properly fastened the seat belts.
- 10) Make sure that all warning lights come on as the ignition switch is turned to the “ON” position or the engine switch is pressed to change the ignition mode to “ON”.
- 11) Check all gauges.
- 12) Make sure that the brake system warning light (red color) turns off when the parking brake is released.

Once a week, or each time you fill your fuel tank or before a long distance driving (like highway driving), perform the following under-hood checks:

- 1) Engine oil level
- 2) Coolant level
- 3) Brake fluid level
- 4) Battery fluid (acid) level
- 5) Windshield washer fluid level
- 6) Hood latch operation

Pull the hood release handle inside the vehicle. Make sure that you cannot open the hood all the way without releasing the secondary latch. Be sure to close the hood securely after check-

ing for proper latch operation. See the item “All latches, hinges and locks” of “chassis and body” in the “Periodic Maintenance Schedule” in the “INSPECTION AND MAINTENANCE” section for lubrication schedule.

WARNING

Make sure the hood is fully closed and latched before driving. If it is not, it can fly up unexpectedly during driving, obstructing your view and resulting in an accident.

Once a month, or each time you fill your fuel tank or before a long distance driving (like highway driving), check the tire pressure using a tire pressure gauge. Also check the tire pressure of the spare tire.

OPERATING YOUR VEHICLE

Engine Oil Consumption

It is normal for the engine to consume some engine oil during normal vehicle operation.

The amount of engine oil consumed depends on viscosity and quality of the oil and your driving conditions.

More oil is consumed during high-speed driving and when there is frequent acceleration and deceleration. Under high loads, your engine also will consume more oil.

A new engine also consumes more oil, since its pistons, piston rings and cylinder walls have not yet become conditioned. New engines reach the normal level of oil consumption only after approximately 5000 km driving.

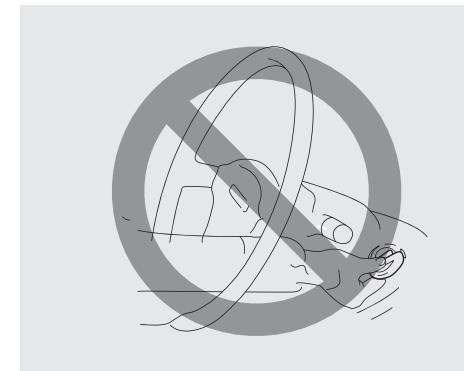
Oil consumption:
Max. 1.0 L per 1000 km

When judging the amount of oil consumption, note that the oil may become diluted and make it difficult to judge accurate oil level.

As an example, if a vehicle is used for repeated short trips, and consumes a normal amount of oil, the dipstick may not show any drop in the oil level at all, even after 1000 km or more of driving. This is because the oil is gradually becoming diluted with fuel or moisture, making it appear that the oil level has not changed.

You should also be aware that the diluting ingredients evaporate out when the vehicle is subsequently driven at high speeds, such as on an expressway, making it appear that oil is excessively consumed after high-speed driving.

Ignition Switch (Vehicle without Keyless Push Start System)

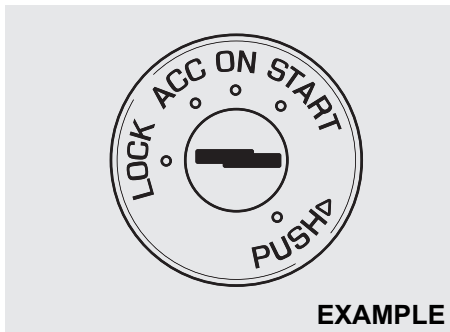


65D611S

WARNING

To avoid possible injury, do not operate controls by reaching through the steering wheel.

OPERATING YOUR VEHICLE



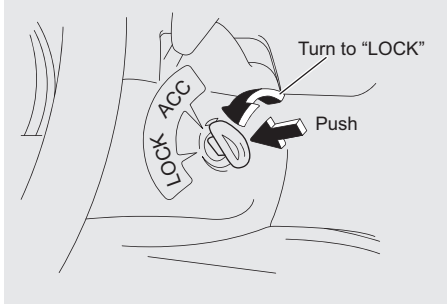
52KM052

The ignition switch has the following four positions:

LOCK

This is the normal parking position. It is the only position in which the key can be removed.

EXAMPLE



64MM03008

Manual Transaxle vehicles

You must push in the key to turn it to "LOCK" position. It locks the ignition, and prevents normal use of the steering wheel after the key is removed.

To release the steering lock, insert the key and turn it clockwise to one of the other positions. If you have trouble turning the key to unlock the steering, try turning the steering wheel slightly to the right or left while turning the key.

ACC

Accessories such as the radio can operate, but the engine is off.

ON

This is the normal operating position. All electrical systems are on.

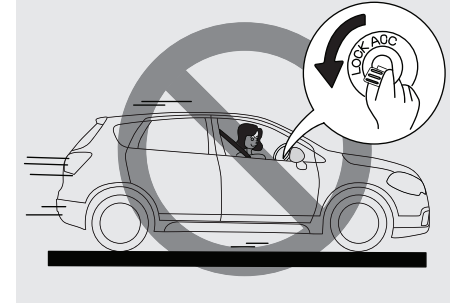
START

This is the position for starting the engine using the starter motor. The key should be released from this position as soon as the engine starts.

Ignition key reminder (if equipped)

A buzzer sounds intermittently to remind you to remove the ignition key if it is in the ignition switch when the driver's door is opened.

EXAMPLE



⚠ WARNING

- **Never return the ignition switch to the "LOCK" position and remove the ignition key while the vehicle is moving. The steering wheel will lock and you will not be able to steer the vehicle.**
- **Always return the ignition switch to "LOCK" position and remove the ignition key when leaving the vehicle even if only for a short time. Also do not leave children alone in a parked vehicle. Unattended children may be able to start the vehicle or shift the transaxle into neutral, which could result in an accident.**

(Continued)

OPERATING YOUR VEHICLE

WARNING

(Continued)

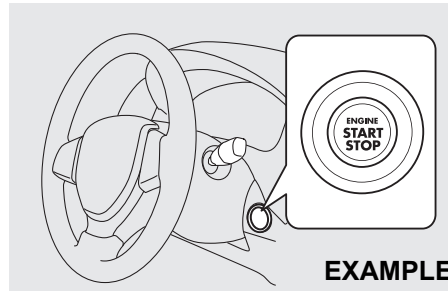
There is also a danger that children may injure themselves by playing with the power windows or other moving features of the vehicle.

- In addition, heat build-up or extremely cold temperatures inside the vehicle can be fatal to children.

NOTICE

- Do not use the starter motor for more than 12 seconds at a time. If the engine does not start, wait 15 seconds before trying again. If the engine does not start after several attempts, check the fuel and ignition systems or consult your Maruti Suzuki authorised workshop.
- Do not leave the ignition switch in the "ON" position if the engine is not running as the battery will discharge.

Engine Switch (Vehicle with Keyless Push Start System)



61MM0B001

LOCK (OFF)

This mode is for parking the vehicle. When this mode is selected by pressing the engine switch and then any door (including the tailgate) is opened or closed, the steering will be locked automatically.

ACC

Press the engine switch to select this ignition mode to use such electric equipment as the audio system, outside rearview mirrors and accessory socket, etc. with the engine off. When this position is selected, the information display in the instrument cluster shows the following message: "ACC" IGNITION SWITCH POSITION. Refer to "Information Display" in the "BEFORE DRIVING" section for details.

ON

• **With the engine off**

You can use such electric equipment as the power windows and wipers with the engine off. When this ignition mode is selected by pressing the engine switch, the information display in the instrument cluster shows the following message: "ON" IGNITION SWITCH POSITION.

• **With the engine on**

All electric equipment is operational. The vehicle can be driven when you have selected this ignition mode by pressing the engine switch.

START

Manual transaxle - Provided you have the keyless push start system remote controller with you, the engine automatically starts when you press the engine switch to select this ignition mode after shifting to "N" (Neutral) and depressing the brake and clutch pedals.

Automatic transaxle – Provided you have the keyless push start system remote controller with you, the engine automatically starts when you press the engine switch to select this ignition mode after placing the gearshift lever in "P" position and depressing the brake pedal. (If you need to re-start the engine while the vehicle is moving, shift into "N".)

NOTE:

You do not need to keep the engine switch pressed until the engine starts.

NOTICE

Do not leave the engine switch in the “ACC” or “ON” mode when the engine is not running. Avoid using the radio or other electric accessories for a long time when the engine switch is in the “ACC” or “ON” mode when the engine is not running, otherwise the battery may discharge.

NOTE:

In the presence of strong radio signals or noise, you may not be able to change the ignition mode to “ACC” or “ON” or to start the engine using the engine switch. In this case, the information display on the instrument cluster will show the following message: KEY FOB NOT DETECTED.

Unreleased Steering Lock Warning

If the steering lock remains engaged when you press the engine switch to change the ignition mode to “ON”, the information display in the instrument cluster shows the message: “TRN. STEERING WHEEL TO RELEASE LOCK”. Refer to “Information Display” in the “BEFORE DRIVING” section for details.

NOTE:

- *The steering lock may not be released if some load is acting on the steering wheel. If this happens, turn the steering wheel to the right or left to relieve it from the load before you press the engine switch again to change to the desired ignition mode.*
- *In the presence of strong radio wave or noise, you may not be able to change the ignition mode to “ACC” or “ON” or to start the engine using the engine switch.*

Keyless Push Start System (if equipped)

Provided the keyless push start system remote controller is within the “interior workable area” (refer to the related explanation in this section), you can use the engine switch for starting the engine and selecting an ignition mode (“ACC” or “ON”). In addition, the following functions can be used:

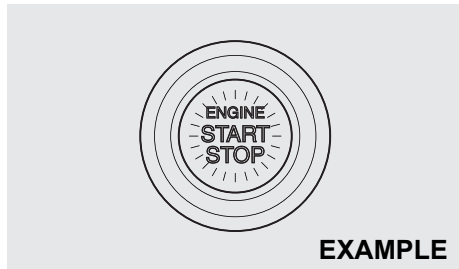
- Keyless entry function. Refer to “Keyless Push Start System Remote Controller / Keyless Entry System Transmitter” in the “BEFORE DRIVING” section for details.
- Locking and unlocking doors (including the tailgate) using a request switch. Refer to “Keyless Push Start System Remote Controller / Keyless Entry System Transmitter” in the “BEFORE DRIVING” section for details.
- Immobilizer (anti-theft) function. Refer to “Immobilizer System” in the “BEFORE DRIVING” section for details.

OPERATING YOUR VEHICLE

Engine Switch Illumination

The engine switch is illuminated (lit) in the following situations:

- When the engine is off and the driver's door is open or for 15 seconds after the driver's door is closed. The illumination will fade out after 15 seconds pass.
- When the engine is off and the position lights are on. The illumination will go out when the position lights are turned off.
- When the engine is on and the position lights and/or the headlights are on. The illumination will go out when the position lights and/or the headlights are turned off.



82K253

NOTE:

To save the lead-acid battery, the illumination will be automatically turned off when both of the following conditions are simultaneously met:

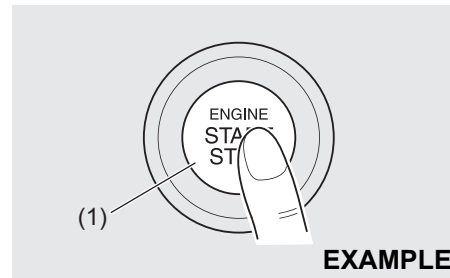
- The headlights and position lights are turned off.

- A period of 15 minutes has elapsed after opening the driver's door.

Selection of Ignition Modes

Press the engine switch to select the "ACC" or "ON" mode as follows when you use an electric accessory or check the operation of instruments without running the engine.

- 1) Bring the keyless push start system remote controller with you and sit in the driver's seat.

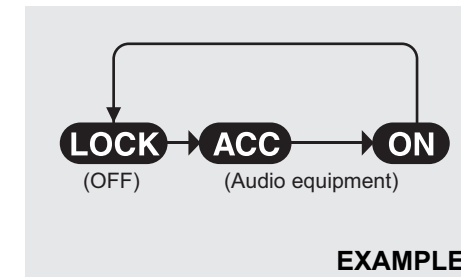


82K254

- 2) Manual transaxle - Without depressing the clutch pedal, press the engine switch (1).
Automatic transaxle - Without depressing the brake pedal, press the engine switch (1).

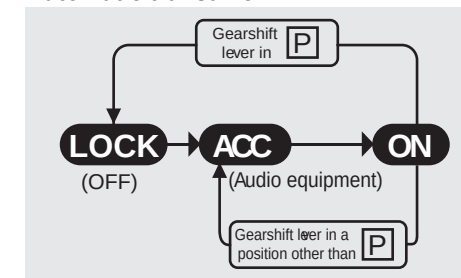
Every time you press the engine switch, the ignition mode changes as follows.

Manual transaxle



68PH00322

Automatic transaxle



57L31006

NOTE:

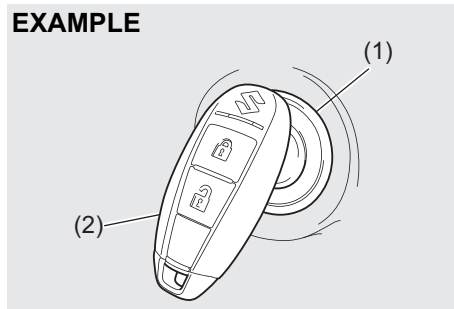
Automatic transaxle – If the gearshift lever is in any position other than "P", or if the knob button is pushed when the gearshift lever is in P position, the ignition mode cannot be returned to "LOCK" (OFF).

OPERATING YOUR VEHICLE

If the MASTER WARNING indicator light blinks and the ignition modes cannot be selected

Your keyless push start system remote controller may not be sensed as being within the interior workable area (refer to the related explanation in this section). Try again after making sure you have the remote controller with you. If the ignition modes still cannot be selected, the battery of the remote controller may be discharged. To be able to select an ignition mode, you must then use the following method:

EXAMPLE



58MST0302

- 1) Without depressing the brake pedal and the clutch pedal, push the engine switch (1).
- 2) The master warning indicator light in the instrument cluster blinks and the message "PLACE KEY FOB ON START SWITCH" appears on the information display, within about 10 seconds, touch the engine switch with

LOCK button end of remote controller (2) for about 2 seconds.

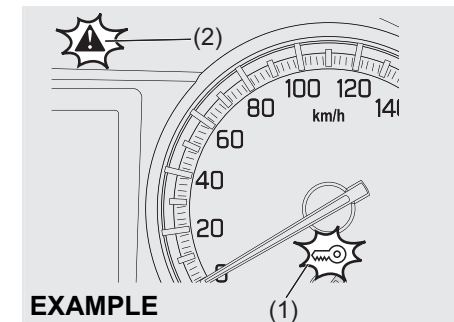
NOTE:

- If you still cannot select the ignition modes, there may be some problem with the keyless push start system. Contact a Maruti Suzuki authorised workshop for an inspection of the system.
- The immobilizer/keyless push start system warning light will come on for about 5 seconds while the master warning indicator light is blinking. In addition, the information display in the instrument cluster will show a message during this time. Refer to "Information Display" in the "BEFORE DRIVING" section for details.
- You may customize the system to cause the interior buzzer to sound once for the remote controller out of sensing range warning. To incorporate this customization, please contact a Maruti Suzuki authorised workshop.
- If the battery of the remote controller is about to become completely discharged, the corresponding message will appear on the information display when you press the engine switch to change the ignition mode to ON. Refer to "Information Display" in the "BEFORE DRIVING" section for details. For details on replacing the battery, refer to the "Keyless Push Start System Remote Controller" in the "BEFORE DRIVING" section.

REMOTE CONTROLLER OUTSIDE Warning

When either of the conditions described below is met, the system issues the REMOTE CONTROLLER OUTSIDE warning by sounding the interior and exterior buzzers. At the same time, the immobilizer/keyless push start system warning light comes on and the master warning indicator light blinks.

- Any door is opened and then closed while the remote controller is not inside the vehicle and the engine is running or the ignition mode has been changed to "ACC" or "ON" by pressing the engine switch.
- The remote controller is not inside the vehicle when you attempt to start the engine after changing the ignition mode to "ACC" or "ON" by pressing the engine switch.



EXAMPLE

61MM0A182

OPERATING YOUR VEHICLE

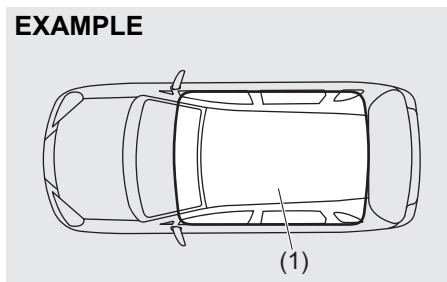
- (1) Immobilizer/keyless push start system warning light (blinks)
- (2) Master warning indicator light (blinks)

NOTE:

- If the warning is given, relocate the remote controller as soon as possible.
- Any attempt to start the engine will fail while the warning is active. The message appearing on the information display in the instrument cluster will also indicate this condition. Refer to "Information display" in the "BEFORE DRIVING" section for details.
- Normally, the immobilizer/keyless push start system warning light should go out and the master warning indicator light should stop blinking shortly after the remote controller is brought back inside the vehicle. If they remain lit and blinking, change the ignition mode to "LOCK" (OFF) by pressing the engine switch and then perform the engine starting operation. Refer to "Starting the Engine" in this section.
- Always keep the remote controller with you as the driver.

Interior Workable Area for Engine Starting, Ignition Mode Selection and "Remote Controller Outside" Warning

EXAMPLE



61MM0B002

(1) Interior workable area

The "interior workable area" for these functions is defined as all the interior spaces except for the space above the instrument panel.

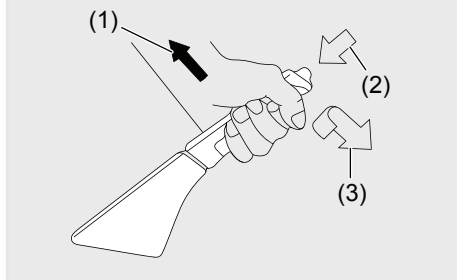
NOTE:

- Even when the remote controller is in the "interior workable area", if it is in any of the following conditions, you may not be able to start the engine or select the ignition modes, and the REMOTE CONTROLLER OUTSIDE warning may be given.
 - The remote controller's battery is low.
 - The remote controller is affected by strong radio signals or noise.
 - The remote controller is in contact with or covered by a metallic object.

- The remote controller is in stowage like the glove box or a door pocket.
- The remote controller is in the sun visor pocket or on the floor.
- Even when the remote controller is outside the "interior workable" area, if it is in any of the following conditions, you may be able to start the engine or select the ignition mode. The REMOTE CONTROLLER OUTSIDE warning may not be given at that time.
 - The remote controller is outside the vehicle but very close to a door.
 - The remote controller is on the instrument panel.

Parking Brake Lever

EXAMPLE



64MS185

- (1) To set
- (2) To release
- (3) To release

The parking brake lever is located between the front seats. To set the parking brake, depress the brake pedal and pull the parking brake lever all the way up. To release the parking brake, depress the brake pedal and pull up the parking brake lever slightly, push the button on the end of the lever with your thumb, and lower the lever to its original position.

For automatic transaxle vehicles, always set the parking brake before moving the gearshift lever to P (PARK) position. If you park on an incline and shift into "P" before setting the parking brake, the weight of the vehicle may make it difficult to shift out of

"P" when you are ready to drive the vehicle.

When preparing to drive the vehicle, move the gearshift lever out of P position before releasing the parking brake.

⚠ WARNING

- Never drive your vehicle with the parking brake on: rear brake effectiveness can be reduced from overheating, brake life may be shortened, or permanent brake damage may result.
- If the parking brake does not hold the vehicle securely or does not fully release, have your vehicle inspected immediately by a Maruti Suzuki authorised workshop.
- When parking on an uphill, turn the steering wheel so that the front wheels point to the center of the road.
- When parking on a downhill, turn the steering wheel so that the front wheels point to the curb.

⚠ WARNING

Whenever parking, make sure the gearshift lever for manual transaxle vehicles is in 1st gear or "R" (Reverse) and the gearshift lever for automatic transaxle vehicles is in "P" (Park). Remember, even though the transaxle is in gear or in Park, you must set the parking brake fully.

⚠ WARNING

When parking the vehicle in extremely cold weather, the following procedure should be used:

- 1) Set the parking brake.
- 2) Manual transaxle - turn off the engine, then shift into reverse or first gear.
Automatic transaxle - shift into "P" (Park) and turn off the engine.
- 3) Get out of the vehicle and put chocks under the wheels.
- 4) Release the parking brake.
When you return to your vehicle, you must remember to first set the parking brake, then remove the wheel chocks.

⚠ WARNING

Do not leave cigarette lighters, spray cans, soft drink cans or plastic articles (such as glasses, CD cases, etc.) in sun-heated vehicle. The temperature inside the vehicle may cause as follows:

- Gas may leak from a cigarette lighter or spray can and may lead to a fire.
- The glasses, plastic cards or CD cases, etc. may deform or crack.
- Soft drink cans may fracture.

OPERATING YOUR VEHICLE

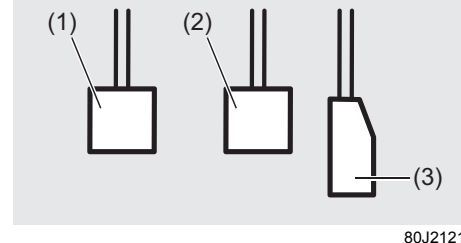
Parking Brake Reminder Buzzer

A buzzer sounds intermittently to remind you to release the parking brake if you start the vehicle without releasing the parking brake. Make sure that the parking brake is fully released and the brake system warning light turns off.

Pedal

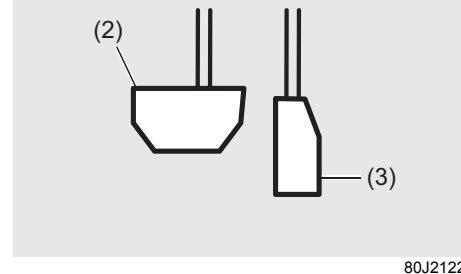
Manual Transaxle

EXAMPLE



Automatic Transaxle

EXAMPLE



Clutch Pedal (1) (For manual transaxle)

The clutch pedal is used to disengage the driving force to the wheels when starting the engine, stopping, or shifting the gearshift lever. Depressing the pedal disengages the clutch.

⚠ WARNING

Do not drive with your foot resting on the clutch pedal. It could result in excessive clutch wear, clutch damage, or unexpected loss of engine braking.

Brake Pedal (2)

Your vehicle is equipped with front and rear disc brakes. Depressing the brake pedal applies both sets of brakes.

You may hear occasional brake squeal when you apply the brakes. This is a normal condition caused by environmental factors such as temperature, humidity, snow or dust, etc.

Automatic Transaxle – You may hear occasional sound when you release brake pedal while vehicle is in “D” (Drive) mode and about to move. This is a normal phenomenon.

⚠ WARNING

If brake squeal is excessive and occurs each time the brakes are applied, you should have the brakes checked by your Maruti Suzuki authorised workshop.

OPERATING YOUR VEHICLE

WARNING

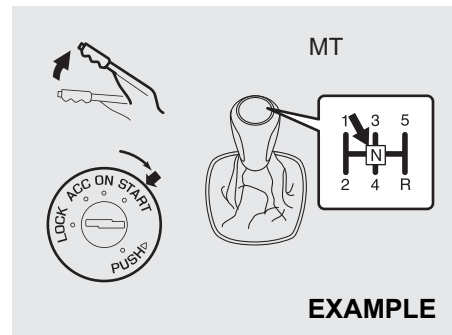
Do not apply brakes continuously or rest your foot on the brake pedal. This will result in overheating of the brakes which could cause unpredictable braking action, longer stopping distances, or permanent brake damage.

Accelerator Pedal (3)

An accelerator pedal controls the speed of the engine. Depressing the accelerator pedal increases power output and speed.

Starting the Engine (Vehicle without Keyless Push Start System)

Before Starting the Engine



- 1) Make sure the parking brake is set fully.
- 2) Manual transaxle - Shift into "N" (Neutral) and fully depress the clutch pedal. Hold the clutch and brake pedals fully depressed.

WARNING

Make sure that the parking brake is set fully and the transaxle is in Neutral before attempting to start the engine.

Starting a Cold and Warm Engine

With your foot taken off the accelerator pedal, crank the engine by turning the ignition key to "START". Release the key when the engine starts.

NOTICE

- Stop turning the starter immediately after the engine has started or the starter system can be damaged.
- Do not crank the engine for more than 12 seconds at a time. If the engine doesn't start on the first try, wait about 15 seconds before trying again.

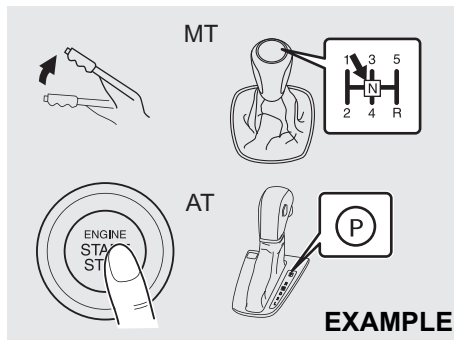
If the engine does not start after 12 seconds of cranking, wait 15 seconds, and then press down the accelerator pedal to 1/3 of its stroke and try cranking the engine again. Release the key and accelerator pedal when the engine starts.

If the engine still does not start, depress the accelerator pedal all the way to the floor while cranking.

OPERATING YOUR VEHICLE

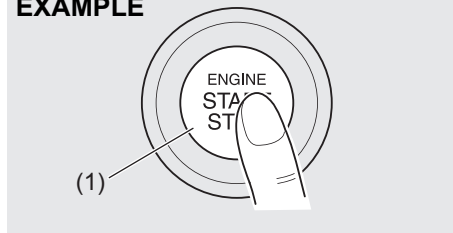
Starting the Engine (Vehicle with Keyless Push Start System)

Before Starting the Engine



- 1) Make sure the parking brake is set fully.
- 2) Manual transaxle - Shift into "N" (Neutral) and fully depress the clutch pedal. Hold the clutch and brake pedals fully depressed.
Automatic transaxle – If the gearshift lever is not in P (Park) position, shift it to "P" or "N". Hold the brake pedal fully depressed.

EXAMPLE



- 3) The "PUSH START SWITCH" message will appear on the information display in the instrument cluster. Push the engine switch (1). When the engine is started, the starter motor will automatically stop.

WARNING

Make sure that the parking brake is set fully and the transaxle is in Neutral (or Park for vehicles with an automatic transaxle) before attempting to start the engine.

NOTICE

- Do not depress the accelerator during the engine starting procedure.

(Continued)

NOTICE

(Continued)

- If the engine does not respond when you try to start it with the engine switch or if the engine switch repeats cycling through the "LOCK" (OFF) - "ACC" - "ON" mode, the vehicle lead-acid battery may be discharged. Check the voltage of the vehicle lead-acid battery before trying again.

NOTE:

- You do not need to keep the engine switch pressed to start the engine.
- The engine of a manual transaxle vehicle will not start unless the clutch pedal is depressed.
- Automatic transaxle vehicles have a starter interlock device which is designed to keep the starter from operating if the transaxle is in any of the drive positions.
- During the engine starting procedure, messages on the information display will help you. Refer to "Information Display" in the "BEFORE DRIVING" section for details.
- You should turn off such loads as the headlights and air conditioning system to facilitate starting of the engine.
- Even if you fail to start the engine, the starter motor will stop operating automatically after a short time. After the starter motor has stopped or if there is some problem with the system, the

OPERATING YOUR VEHICLE

starter motor will rotate only while the engine switch is being pressed.

Stopping the engine

- Depress the engine switch to stop the engine after the vehicle stopped completely.
- In case of emergency, you can stop the engine by quickly pushing the engine switch more than 3 times, or pushing and holding the engine switch more than 2 seconds while the vehicle is in motion.

NOTE:

Except in case of emergency, do not stop the engine while the vehicle is in motion. The steering and braking operation will require more effort when the engine is stopped.

Refer to "Braking" in this section.

NOTICE

If you stop the engine while the vehicle is in motion, the automatic transaxle may be damaged. Avoid stopping the engine while driving.

- If the engine remains stopped for while after it was stopped unexpectedly or was raced before stopping, a clicking sound may be heard from around the engine when it is restarted. This is not a malfunction. Always let the engine idle before stopping it.

Starting a Cold and Warm Engine

With your foot taken off the accelerator pedal, crank the engine by pressing the engine switch to change the ignition mode to "START".

NOTICE

Do not crank the engine for more than 12 seconds at a time. If the engine does not start on the first try, wait 15 seconds before trying again.

After pressing the engine switch to change the ignition mode to "START", the starter cranks the engine for about 12 seconds before it can start the engine. If the engine fails to start at the first attempt, wait 15 seconds, and then try again while keeping the engine switch pressed while pressing down the accelerator pedal to 1/3 of its stroke. Release the accelerator pedal when the engine starts.

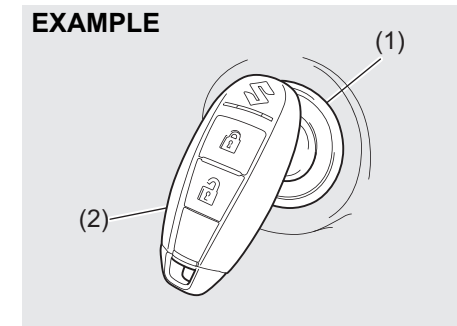
If the engine still does not start, try holding the accelerator pedal all the way to the floor while cranking.

If you are unable to start the engine using this procedure, consult a Maruti Suzuki authorised workshop.

If the master warning indicator light blinks and the engine cannot be started
Your keyless push start system remote controller may not be sensed as being within the interior workable area. Try again

after ensuring that you have the remote controller with you. If the engine still cannot be started, the battery of the remote controller may be discharged. You must then use the following method to be able to start the engine.

EXAMPLE



58MST0302

- 1) Make sure the parking brake is set fully.
- 2) Manual transaxle - Shift into "N" (Neutral) and fully depress the clutch pedal. Hold the clutch and brake pedals fully depressed. Automatic transaxle - If the gearshift lever is not in the "P" (Park) position, shift it to "P". Hold the brake pedal fully depressed.
- 3) The "PUSH START SWITCH" message will appear on the information display in the instrument cluster. Press the engine switch (1).
- 4) Within about 10 seconds of blinking of the master warning indicator light in the

OPERATING YOUR VEHICLE

instrument cluster, touch the engine switch with the lock button end of the remote controller (2) for about 2 seconds.

NOTE:

- *If you still cannot start the engine after several attempts using the above method, there may be a problem elsewhere, such as a low battery. Contact your Maruti Suzuki authorised workshop for inspection.*
- *The immobilizer/keyless push start system warning light will come on for about 5 seconds while the master warning indicator light is blinking. In addition, the information display will show a certain message during this time. Refer to "Information Display" in the "BEFORE DRIVING" section for details.*
- *You may customize the system to cause the interior buzzer to sound once for the remote controller out of sensing range warning. Please contact a Maruti Suzuki authorised workshop for the customization.*
- *If the battery of the remote controller is about to be completely discharged, a message warning this will appear on the information display when the ignition mode is changed to "ON" by pressing the engine switch. For details on replacing the battery, refer to the "Keyless Push Start System Remote Controller" in the "BEFORE DRIVING" section.*

Returning the ignition mode to "LOCK" (OFF)

Automatic Transaxle – To ensure safety, the ignition mode can be returned to "LOCK" (OFF) by pressing the engine switch only when the is placed in "P" position without pressing the knob button.

NOTE:

In the case of an automatic transaxle model, the ignition mode cannot be returned to "LOCK" (OFF) mode if the gearshift lever is in any other position than "P".

Certain problems like a fault in engine system may prevent the engine switch from going back to "LOCK" (OFF) mode. If this happens, have the vehicle inspected by a Maruti Suzuki authorised workshop after doing the following:

- *Lock the doors using the key to prevent theft. (The request switches and the keyless push start system remote controller cannot be used to lock them.)*
- *Disconnect the negative cable from the lead-acid battery to prevent discharge.*

LOCK (OFF) mode reminder buzzer

If the driver's door is opened without returning the ignition mode to "LOCK" (OFF) by pressing the engine switch, a buzzer sounds to warn you of this state.

- If you open the driver's door after pressing the engine switch to change the ignition mode to "ACC", the interior buzzer beeps intermittently.
- The buzzer will stop sounding if you then push the engine switch twice, thus bringing it back the ignition mode to "LOCK" (OFF).

NOTE:

Whenever you leave the vehicle, make sure you have returned the ignition mode to "LOCK" (OFF) using the engine switch and then lock the doors. Without returning the ignition mode to "LOCK" (OFF), you cannot use a request switch or keyless push start system remote controller to lock the doors.

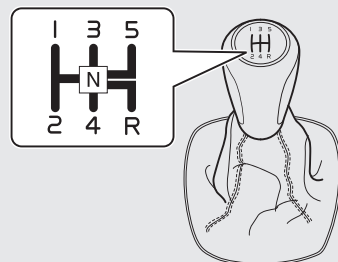
Steering lock warning buzzer

If the steering lock fails to engage due to a fault in the system when the ignition mode is turned to "LOCK" (OFF) by pressing the engine switch and then any door (including the tailgate) is opened or closed, the interior buzzer will warn you of this condition with repeated short beeps. If this happens, have the vehicle inspected by a Maruti Suzuki authorised workshop.

Using the Transaxle Manual Transaxle

⚠ WARNING

Do not hang any items on the gearshift lever and do not use the gearshift lever as a handrest. Otherwise, it could prevent proper operation of the gearshift lever and cause its malfunction, resulting in an accident.



EXAMPLE

79MH0303

Starting off

To start off, depress the clutch pedal all the way to the floor and shift into 1st gear. After releasing the parking brake, gradually release the clutch. When you hear a change in the engine's sound, slowly press the accelerator while continuing to gradually release the clutch.

Shifting

All forward gears are synchronized, which provides for quiet, and easy shifting. Always depress the clutch pedal all the way to the floor before shifting gears. Ensure that the engine rpm does not rise to the red zone of the tachometer.

Downshifting maximum allowable speeds

Downshifting	km/h
2nd to 1st	20
3rd to 2nd	80
4th to 3rd	115
5th to 4th	150*

*NOTE:

You may not accelerate to the maximum allowable speed because of the driving situation and/or the vehicle condition.

NOTICE

Do not downshift to a lower gear at the speed faster than the maximum allowable speeds for the next lower speed, or severe damage to engine and transaxle can result.

⚠ WARNING

- Reduce your speed and downshift to a lower gear before going down a long or steep hill. A lower gear will allow the engine to provide braking. Avoid riding the brakes or they may overheat, resulting in brake failure.
- When driving on slippery roads, be sure to slow down before downshifting. Excessive and/or sudden changes in engine speed may cause loss of traction, which could cause you to lose control.

NOTICE

Before engaging reverse gear [R], check that the vehicle is completely stationary and gear lever is in neutral [N] position. After depressing clutch pedal fully, shift to [R].

NOTE:

If it is difficult to engage reverse gear [R], follow below procedure.

1. Put gear lever in neutral [N].
2. Release clutch pedal once.
3. Again depress the clutch pedal and shift from [N] to [R].

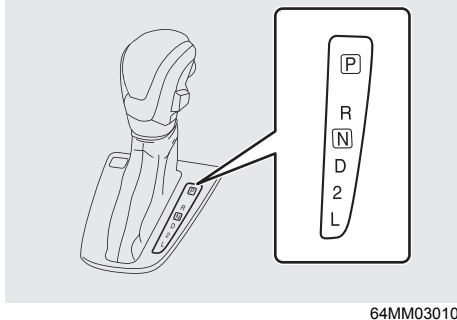
OPERATING YOUR VEHICLE

NOTICE

- To help avoid clutch damage, do not use the clutch pedal as a foot-rest while driving or use the clutch to keep the vehicle stationary on a slope. Depress the clutch fully when shifting.
- When shifting or starting off, do not race the engine. Racing the engine can shorten engine life and affect smooth shifting.

4-Speed Automatic Transaxle

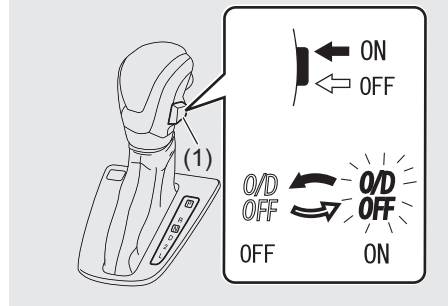
EXAMPLE



64MM03010

(1) Overdrive off switch

EXAMPLE



64MM03011

Overdrive off switch

The transaxle is a 4-speed (3-speed plus overdrive) automatic transaxle. By operating the overdrive off switch, the transaxle can be converted to a 3-speed automatic transaxle that will not move to the overdrive position. To convert the transaxle to the 3-speed mode, push in the overdrive off switch and release it.

To return the transaxle to the 4-speed mode, push in the overdrive off switch again.

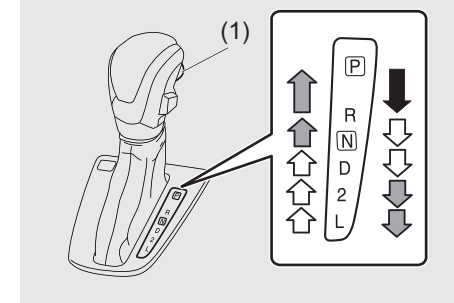
When the ignition switch is turned to ACC position or the engine switch is pressed to change the ignition mode to "ACC", the transaxle in the 3-speed mode is converted to the 4-speed mode automatically.

The 3-speed mode is suitable for the following driving conditions:

- Driving on hilly, winding roads
 - You can drive more smoothly with less frequent gear changing
- Going down a steep hill
 - Some engine braking is provided

Gearshift lever

EXAMPLE



64MM03012

(1) Knob button

The gearshift lever is designed so that it cannot be shifted out of "P" position unless the ignition switch is in "ON" position or the ignition mode is "ON" and the brake pedal is depressed.

OPERATING YOUR VEHICLE

WARNING

Always depress the brake pedal before shifting from “P” (Park) (or “N” (Neutral) if the vehicle is stationary) to a forward or reverse gear, to help prevent the vehicle from moving unexpectedly when you shift.

The gearshift lever has a lock mechanism to help prevent accidental shifting. To shift the gearshift lever:

	Shift with the knob button (1) pushed in and the brake pedal depressed.
	Shift with the knob button (1) pushed in.
	Shift without the knob button (1) pushed in.

NOTE:

- *Always shift the gearshift lever without pushing in the knob button (1) except when you shift from “P” to “R”, from “D” to “2”, from “2” to “L”, from “N” to “R” or from “R” to “P”. If you always push in the knob-button (1) when shifting the gearshift lever, you could shift into “P”, “R”, “2”, or “L” by mistake.*
- *If driver’s or passenger’s knee hits the gearshift lever while driving, the lever*

could move and the gear could be changed unexpectedly.

Use the gearshift lever positions as described below:

P (Park)

Use this position to lock the transaxle when the vehicle is parked or when starting the engine. Shift into Park only when the vehicle is completely stationary.

R (Reverse)

Use this position to reverse the vehicle from stop. Make sure that vehicle is completely stationary before shifting into Reverse.

N (Neutral)

Use this position for starting the engine if the engine stalls and you need to restart it while the vehicle is moving. You may also shift into Neutral and depress the brake pedal to hold the vehicle stationary during idling.

D (Drive)

Use this position for all normal driving.

With the gearshift lever in “D” range you can get an automatic downshift by pressing the accelerator pedal. The higher the vehicle speed is, the more you need to press the accelerator pedal to get a downshift.

2 (Low 2)

Use this position to provide extra power when climbing hills, or to provide engine braking when going down hills.

L (Low 1)

Use this position to provide maximum power when climbing steep hills or driving through deep snow or mud, or to provide maximum engine braking when going down steep hills.

NOTE:

If you move the gearshift lever to a lower gear while driving faster than the maximum allowable speed for the lower gear, the transaxle will not actually downshift until your speed drops below the maximum speed for the lower gear.

CAUTION

For the vehicles with the keyless push start system, if you cannot press the engine switch firmly, the engine may not start. Even if you shift the gearshift lever into “R” or “D” position without the engine running, the vehicle does not move.

If you try to move your vehicle under the above mentioned condition, the vehicle may move in unexpected directions on a slope, etc. This may cause an accident.

(Continued)

OPERATING YOUR VEHICLE

⚠ CAUTION

(Continued)

When starting the engine, press the engine switch firmly. Also, make sure that the engine is running by checking engine sound or warning and indicator lights.

NOTE:

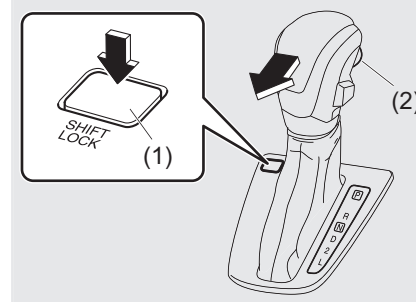
When you shift the gearshift lever into "P" and stop the engine before depressing the parking brake pedal, if you try to restart the engine and shift the gearshift lever into the position other than "P", it may reduce gearshift lever capability, or unusual sound and shock may occur. However, this is not abnormal.

NOTICE

- Do not shift the gearshift lever into "R" while moving forward, or the transaxle may be damaged. If you shift into "R" when the vehicle speed is over 11 km/h, the transaxle will not shift into reverse.
- Be sure to take the following precautions to help avoid damage to the automatic transaxle:
 - Make sure that the vehicle is completely stationary before shifting into "P" or "R".
 - Do not shift from "P" or "N" to "R", "D", "2", or "L" when the engine is running above idle speed.
 - Do not rev the engine with the transaxle in a drive position ("R", "D", "2", or "L") and the front wheels not moving.
 - Do not use the accelerator to hold the vehicle on a hill. Use the vehicle's brakes.

If You Cannot Shift Automatic Transaxle Gearshift Lever Out of "P" (PARK)

EXAMPLE



64MM03013

Vehicles with an automatic transaxle have an electrically operated park-lock feature. If the vehicle's battery is discharged, or there is some other electrical failure, the automatic transaxle cannot be shifted out of Park in the normal way. Jump starting may correct the condition. If not, follow the procedure described below. This procedure will permit shifting the transaxle out of Park.

- 1) Be sure the parking brake is firmly applied.
- 2) If the engine is running, stop the engine.
- 3) Make sure the key is in ON or ACC position, or the ignition mode is "ON" or "ACC".

OPERATING YOUR VEHICLE

- 4) With the release button (1) pushed, push the knob button (2) and shift the gearshift lever to the desired position.

This procedure is for emergency use only. If repeated use of this procedure is necessary, or the procedure does not work as described, take the vehicle to a Maruti Suzuki authorised workshop for repair.

Gearshift Indicator (if equipped)

EXAMPLE



68PH02218

In the following cases, the gearshift indicator is indicated on the information display when the ignition switch is in the "ON" position or the ignition mode is "ON".

- When cruise control system is not in use (for vehicle equipped with cruise control).
- When the gearshift lever is in a position other than "N" (Neutral).

The electronic control system monitors driving condition (such as vehicle speed and/or engine revolution), and it shows

which gear position is optimal for your driving with the indication on the display.

If UP/DOWN arrow and the gear position other than currently selected are indicated on the display while driving, we recommend you to shift up or down the gear to indicated position. It is the optimal gear position for a driving condition that reduces the over revolution and stress to the engine, and improves fuel consumption.

For details on how to use the transaxle, refer to "Using the Transaxle" in this section.

WARNING

The gearshift indicator is designed to indicate optimal gear position for your driving, however, a driver will not be relieved from the duty of care of driving operation or gear change with this indicator.

To drive safe, do not gaze the gearshift indicator, pay attention to your driving situation and shift up or down if necessary.

NOTE:

- *The gearshift indicator is not indicated when the gear position is in "N" (Neutral).*
- *If you depress the clutch pedal while UP/DOWN arrow is indicated, the indication will disappear.*
- *If you release your foot from the accelerator pedal while UP/DOWN arrow is indicated, the indication will display the currently selected gear position.*
- *The indication of gearshift indicator timing may differ depending on the vehicle condition and/or driving situation even in the same vehicle speed and engine revolution.*

OPERATING YOUR VEHICLE

Example of the gearshift indicator

Indication	Description
	Lower gear position is selected for the vehicle speed and/or engine revolution. Changing to a higher gear position is recommended. In this case, shifting up to 4th gear position is recommended.
	Currently selected gear position is indicated. In this case, your vehicle is running in 3rd gear position.
	Higher gear position is selected for the vehicle speed and/or engine revolution. Changing to a lower gear position is recommended. In this case, shifting down to 2nd gear position is recommended.

Smart Hybrid

Smart Hybrid has an Integrated Starter Generator (ISG) instead of conventional generator to get a better fuel consumption.

Integrated Starter Generator (ISG) is a generator which incorporated a motor function.

The ISG has the following 3 functions.

- Deceleration energy regenerating function
- Engine power assist function.
- Starter motor function.

Deceleration Energy Regenerating Function

EXAMPLE



64MM03014

While decelerating your vehicle, the ISG generates electricity without engine power. This reduces engine loads and improves fuel consumption.

OPERATING YOUR VEHICLE

While decelerating your vehicle, deceleration energy regenerating function will be activated when the following conditions are satisfied.

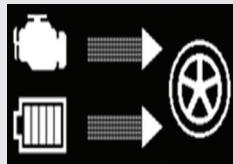
- Gearshift lever is not in “N” (Neutral).
- Engine speed is more than 1050 rpm (for manual transaxle) or more than 950 rpm (for automatic transaxle).
- Inside temperature of lead-acid battery is in normal condition.
- Lithium-ion battery is not fully charged and inside temperature is in normal condition etc.

NOTE:

The deceleration energy regenerating function may not work depending on vehicle conditions.

Engine Power Assist Function

EXAMPLE



64MM03015

While the vehicle is running, ISG assists engine power as a motor in limited condi-

tion. This reduces engine loads and improves fuel consumption.

While the vehicle is running with the engine speed at approximately 3900 rpm or less, engine power assist function will be activated when all of the following conditions are satisfied.

- Smart Hybrid system and ENG A-STOP system are working properly. (“ENG A-STOP OFF” indicator light is not blinking.)
- The clutch pedal is not depressed (for manual transaxle) or the brake pedal is not depressed (for automatic transaxle).
- ABS is not activated.
- Accelerator pedal is excessively depressed.
- Lead-acid battery and lithium-ion battery are sufficiently charged and each inside temperature is in normal condition.
- Engine coolant temperature is in normal condition.
- ISG inside temperature is in normal condition.

NOTE:

The engine power assist function may not work depending on vehicle conditions.

Starter Motor Function

After the engine auto stop by the ENG A-STOP system, the engine will be restarted using a cranking power of the ISG.

The starting with the ISG is quiet compared with starting by the conventional starter motor.

NOTE:

When you restart the engine by turning the ignition switch or by pushing the engine switch, the conventional starter motor is used and you will hear a gear engagement sound.

OPERATING YOUR VEHICLE

Lithium-ion Battery Indication

EXAMPLE



64MM03016

The segments in the lithium-ion battery indicator give an approximate indication of the charge of the lithium-ion battery. The number of segments that appear in the indication increases or decreases with the charge of the lithium-ion battery.

NOTE:

The indicator gives an approximate indication. The indication may be delayed or differ from the actual charge of the lithium-ion battery under certain conditions, for example, when the outside temperature is low. Also, the minimum segment is 1 bar and the bar will never be 0. Even when 1 bar is shown, the battery level may be close to be flat.

ENG A-STOP OFF Indicator

EXAMPLE



64MM03017

If this indicator blinks when driving, there may be something wrong with the ENG A-STOP system or the Smart Hybrid system. You should have the system inspected by a Maruti Suzuki authorised workshop.

ENG A-STOP System (Engine Auto Stop Start System)

The ENG A-STOP system (engine auto stop start system) automatically stops the engine while waiting briefly at a traffic light, etc., and automatically restarts the engine afterward. This system helps reduce emissions, improve fuel consumption and lower engine noise.

This system stops the engine temporarily under specific conditions. Before parking the vehicle for an extended period of time or leaving the vehicle, properly apply the parking brake and stop the engine with the ignition switch or engine switch.

Once the specific conditions are met, the engine will stop automatically after the vehicle has stopped. However, the engine will not be stopped automatically until confirmation of the system function is finished.

NOTE:

If your vehicle is equipped with the auto air conditioning system, you can change the automatic engine stop condition via the information display. Refer to "Information display" in "BEFORE DRIVING" section.

⚠ CAUTION

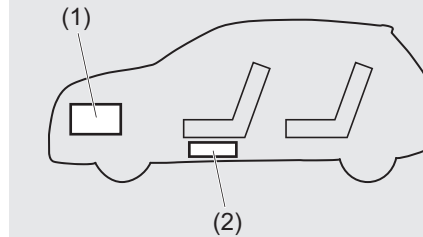
- Do not get out of the vehicle while the engine is automatically stopped by the ENG A-STOP system. Doing so may lead to an accident.
 - Manual transaxle vehicle – If the driver's seat belt is unfastened and the driver's door is opened, the vehicle will stall.
 - Automatic transaxle vehicle – If the driver's seat belt is unfastened, even if the brake pedal is pressed down, or the driver's door is opened, the engine will be restarted to warn you that the engine was stopped automatically by the ENG A-STOP system.
- If the engine does not restart automatically after having been stopped automatically by the ENG A-STOP system, push the engine switch to start the engine. Trying to move the vehicle when the engine has not yet restarted requires a strong force to turn the steering wheel or depress the brake pedal, potentially leading to an accident.

NOTICE

- The vehicle equipped with this system uses a dedicated high-performance lead-acid battery that supports ENG A-STOP system. Accordingly, observe the instructions listed below. If these instructions are not observed, the system may not actuate properly or the lead-acid battery may die prematurely.
- When replacing the lead-acid battery, use a MARUTI SUZUKI genuine battery specified in the Specification.
 - Do not draw power from the lead-acid battery terminals for electrical products.
 - If the vehicle key is in "ACC" position or ignition mode is "ACC" for extended duration, the vehicle may enter a state where the Audio / Navigation equipment may shut off. In any such event, turn the key to OFF position or ignition mode to LOCK (OFF), and after that start the engine and let both the batteries charge for at least 30 Minutes. It is to enable better functioning of both the batteries.

Lithium-ion Battery

EXAMPLE



64MM03019

- (1) Battery (lead-acid battery)
(2) Lithium-ion battery

This lithium-ion battery is used exclusively for the vehicle equipped with ENG A-STOP system or Smart Hybrid, and located below the front left side seat.

- Just like a battery (lead-acid battery), the lithium-ion battery also discharges gradually. To prevent the lithium-ion battery from dying, you must charge the lithium-ion battery by driving continuously for at least 30 minutes once a month.
- Vehicle should not be left with the ignition mode is "ON" or "ACC" for extended periods of time.
- Do not add any external electrical load to lithium-ion battery.
- The lithium-ion battery is maintenance-free.
- To replace or dispose of the lithium-ion battery, consult a Maruti Suzuki authorised workshop.

OPERATING YOUR VEHICLE

WARNING

Wrong handling of the lithium-ion battery may result in fire, electric shock or system malfunction. Accordingly, observe the instructions listed below:

- Do not dismount or disassemble the lithium-ion battery.
- Do not let the lithium-ion battery come in contact with water or other liquids.
- Do not apply strong impact on the lithium-ion battery.
- Do not step on the lithium-ion battery or put articles on the lithium-ion battery.
- Do not disconnect the lithium-ion battery terminals or draw power from the terminals for electrical products.
- If lithium-ion battery gets submerged under water, it can lead to fire.

NOTE:

Lithium-ion battery, if not disposed in an eco-friendly manner and in accordance with the applicable laws, may pose safety and environmental hazard.

Maruti Suzuki ensures proper disposal of this battery through established channels in an eco-friendly manner. Owner shall return this lithium-ion battery to Maruti Suzuki authorized dealerships as soon as

it is not fit for use in vehicle. Once the owner returns the lithium-ion battery, Maruti Suzuki will ensure proper disposal in compliance with the laws to avoid legal implications to owners.

If batteries are not returned to Maruti Suzuki, it will become owners' responsibility and accountability to ensure proper disposal in accordance with the applicable laws. Maruti Suzuki will not take any responsibility for consequences such as accidents or damages arising due to the abandonment, resale, inappropriate use, modification, dismantling and improper disposal of Lithium-ion battery.

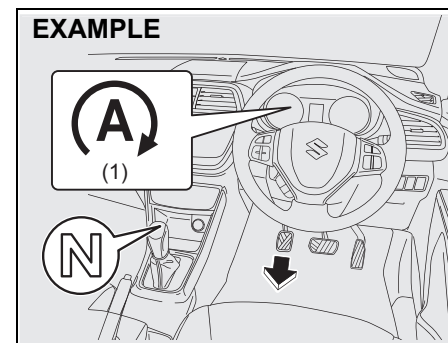
Contact your nearby Maruti Suzuki authorized workshop to dispose the used lithium-ion battery. 'Battery Recycling Information' and necessary handling instructions are also affixed on the battery pack. For more information, connect Maruti Suzuki customer care.

Automatic Stopping/Restarting of the Engine

Manual transaxle vehicle

- 1) With the brake pedal depressed, decelerate the vehicle.

EXAMPLE



64MM03022

- 2) After the vehicle has stopped with the clutch pedal depressed and the gear-shift lever shifted to "N", and then release the clutch pedal, the engine will stop automatically.

The ENG A-STOP indicator light (green) (1) will come on.

- The ENG A-STOP system will not stop the engine automatically if all the automatic engine stop conditions are not met. For details, refer to the section, "Automatic engine stop conditions".

OPERATING YOUR VEHICLE

- During the automatic engine stop, the engine may shut down, accompanied by an interior buzzer or restarted, to ensure safety.

For details, refer to the section, “Points to note during the automatic engine stop”.

NOTICE

During the automatic engine stop, do not shift the gearshift lever to a position other than “N” without depressing the clutch pedal. If the gear shift lever is in a position other than “N”, the engine will not restart automatically even if the clutch pedal is depressed.

NOTE:

The ENG A-STOP system will not operate and engine does not stop automatically under the following condition:

- *Engine auto stop function will be ready once the vehicle runs at a speed exceeding 3 km/h after restart of the engine.*

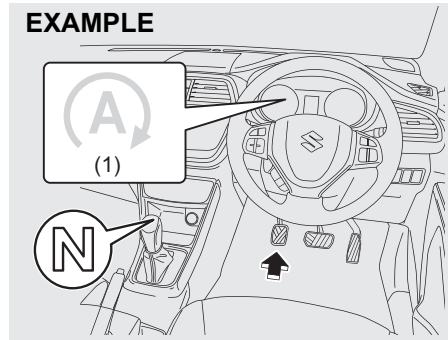
NOTE:

Conditions to note during the automatic engine stop:

- *The audio and other electrical component can be used during the automatic engine stop, but the air conditioner will switch to the fan mode.*
- *The fan speed will be limited during the automatic engine stop (only in the auto*

control mode) to keep the cabin air-conditioned for a longer time.

EXAMPLE



64MM03020

- 3) Regardless of whether the vehicle has stopped or not, depressing the clutch pedal will restart the engine and ENG A-STOP indicator light (green) (1) will go off.

While the engine is stopped automatically, depressing the clutch pedal will restart the engine consuming fuel. Therefore, for fuel economy, it is recommended to depress the clutch pedal just before the vehicle start.

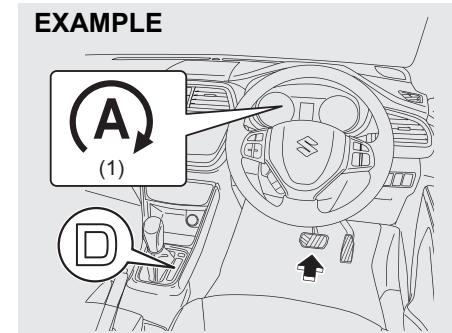
- Without depressing the clutch pedal, the engine may restart automatically if the automatic engine restart conditions are met.

For details, refer to the section, “Automatic engine restart conditions”.

Automatic transaxle vehicle

- 1) With the brake pedal depressed, decelerate the vehicle.

EXAMPLE



64MM03021

- 2) While depressing the brake pedal, place the gearshift lever in “D” or “N” position.

The ENG A-STOP indicator light (green) (1) will come on.

- The ENG A-STOP system will not stop the engine automatically if all the automatic engine stop conditions are not met. For details, refer to the section, “Automatic engine stop conditions”.

OPERATING YOUR VEHICLE

- During the automatic engine stop, the engine may shut down, accompanied by an interior buzzer or restarted, to ensure safety.
For details, refer to the section, "Points to note during the automatic engine stop".

NOTE:

The ENG A-STOP system will not operate and engine does not stop automatically under the following condition:

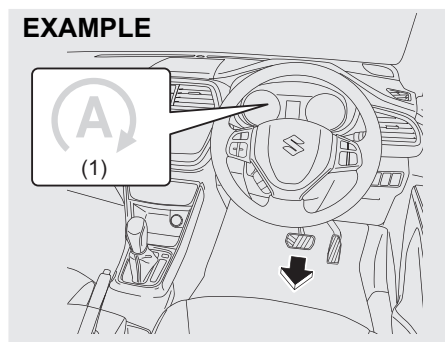
- *Engine auto stop function will be ready once the vehicle runs at a speed exceeding 1 km/h after restart of the engine.*

NOTE:

Conditions to note during the automatic engine stop:

- *The audio and other electrical component can be used during the automatic engine stop, but the air conditioner will switch to the fan mode.*
- *The fan speed will be limited during the automatic engine stop (only in the auto control mode) to keep the cabin air-conditioned for a longer time.*

EXAMPLE



64MM03023

- 3) Remove your foot from the brake pedal. "ENG A-STOP" indicator light (green) (1) in the instrument cluster will be turned off and the engine will restart automatically.

When restarting the engine, keeping brake force temporarily prevents the vehicle from moving forward by the creeping function. Also, this prevents the vehicle from rolling downward on a hill. For details, refer to the section "Hill hold control system".

NOTE:

When the engine is restarted automatically, the following conditions may be found as the hill hold control system is activated, but this is not a malfunction.

- *You may hear a sound from the engine room.*
- *As brake pedal becomes heavy, it may be difficult for you to depress it.*

Points to note during the automatic engine stop

When the following operations are performed during the automatic engine stop, the engine may shut down, accompanied by an interior buzzer or restarted, to ensure safety.

- When the hood is opened, an interior buzzer will sound intermittently and the engine will come out of the automatic engine stop mode and shut down. The ENG A-STOP indicator light (green) will go off.
- For AT vehicle: When the driver releases the seat belt or opens the driver's door, the engine will restart automatically. The ENG A-STOP indicator light (green) will blink for approximately 5 seconds and then go off.
- For MT vehicle: During the automatic engine stop, if the gearshift lever is shifted to a position other than "N" without depressing the clutch pedal or open the driver's door with the driver's seat belt unfastened, an interior buzzer will sound and the engine will shut down without control of automatic engine stop. The ENG A-STOP indicator light (green) will go off.

NOTE:

The power steering warning light, oil pressure warning light and charge warning light on the meter panel do not come on during the automatic engine stop, but they will come on once the engine shuts down.

Actuation conditions for ENG A-STOP system

Standby conditions

When all of the following conditions are met while the vehicle is traveling, ENG A-STOP system will be permitted:

- The engine is started with the hood completely closed.
- The ENG A-STOP OFF switch has not been pressed to deactivate the ENG A-STOP system.
- The lead-acid battery and the lithium-ion battery are sufficiently charged and the temperature inside the lead-acid battery or the lithium-ion battery is within the specified range (#1).
- The engine has warmed up and the engine coolant temperature is within the specified range.
- The driver is wearing seat belts.
- The driver's door is completely closed.
- The hood is completely closed.
- No electronically controlled system besides the ENG A-STOP system is issuing a signal to inhibit stopping of the engine (#2).
- The temperatures at air-conditioner outlets are sufficiently low in the cooling mode or sufficiently high in the heating mode.
- The defroster is turned off.

#1 If the vehicle has not been in use for an extended period of time or the audio or other electrical component was used for an extended period of time while the

engine was stopped, the lead-acid battery may have discharged and it may take some time before the standby mode is achieved.

#2 If any of the warning and indicator lights affecting the ENG A-STOP system come on, the engine will not be stopped automatically.

Automatic engine stop conditions

When all of the following conditions are met under the standby conditions, the engine will stop automatically after the vehicle has stopped:

- The gearshift lever is in "N" (Neutral) position (for manual transaxle vehicle).
- The clutch pedal is released (for manual transaxle vehicle).
- The vehicle has stopped.
- The accelerator pedal is not depressed.
- ABS is not in operation.
- The negative pressure of the brake booster is normal.
- The gearshift lever is in "D" or "N" mode (for automatic transaxle vehicle).
- When the vehicle has stopped without depressing the brake pedal (for automatic transaxle vehicle).

OPERATING YOUR VEHICLE

Automatic engine restart conditions

If one of the following operations is performed or the vehicle enters one of the following modes during the automatic engine stop, the engine will restart automatically and the ENG A-STOP indicator light (green) will go off:

Common

- The clutch pedal is depressed.
- The ENG A-STOP OFF switch is pressed to deactivate the ENG A-STOP system.
- The lead-acid battery or the lithium-ion battery has discharged substantially (#).
- A malfunction of the system is detected (#).
- The negative pressure of the brake booster has dropped (#).
- The temperatures at air conditioner outlets have changed considerably after the automatic engine stop to the point of affecting the cooling/heating performance (#).
- The temperature selector has been turned considerably to the COOL side in the cooling mode or to the HOT side in the heating mode (#).
- The defroster is turned on (#).
- The accelerator pedal depressed (for automatic transaxle vehicle) (#).
- The gearshift lever is put in "P" or "R" (for automatic transaxle vehicle) (#).
- After the gearshift lever is shifted to "N", it is returned to "D" (for automatic transaxle vehicle) (#).

- The driver releases the seat belt (for automatic transaxle vehicle) (#).
- The driver's door is opened (for automatic transaxle vehicle) (#).
- The vehicle starts to move on a slope, etc. (#).
- Some time (3 minutes or so) has elapsed after the start of the automatic engine stop (#).

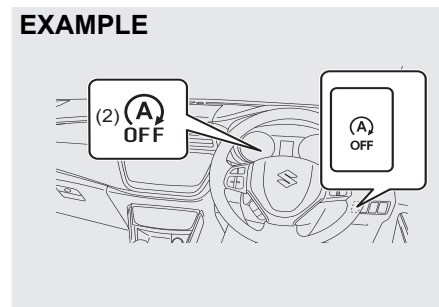
The ENG A-STOP indicator light (green) will blink and then go off.

ENG A-STOP OFF Switch

The ENG A-STOP system can be deactivated.

- To deactivate the system, press the ENG A-STOP OFF switch (1) to turn on ENG A-STOP OFF light (2).
- To activate the system once again, press the switch (1) again to turn off the indicator.
- Every time the engine is stopped manually, the system is enabled again and the ENG A-STOP OFF light (2) goes off.

EXAMPLE

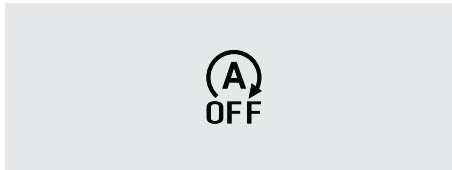


64MM03024

NOTE:

Pressing the ENG A-STOP OFF switch (1) during the automatic engine stop will restart the engine automatically and the ENG A-STOP OFF light (2) will come on.

ENG A-STOP OFF Light



64MM03017

This indicator comes on in the instrument cluster.

- This indicator comes on when the ENG A-STOP system is deactivated.
- The indicator blinks when the engine switch is pressed to change the ignition mode to ON, if one of the conditions listed below is met.

The ENG A-STOP system or the Smart Hybrid system does not actuate correctly while the indicator is blinking. Have the system inspected by a Maruti Suzuki authorised workshop.

- There may be something wrong with the ENG A-STOP system or the Smart Hybrid system.
- An engine component (ISG) or the lead-acid battery is due for replacement.

NOTE:

If the indicator blinks during the automatic engine stop, the engine may shut down.

Cruise Control (if equipped)

The cruise control system allows you to maintain a steady speed without keeping your foot on the accelerator pedal. The controls for operating the cruise control system are on the steering wheel.

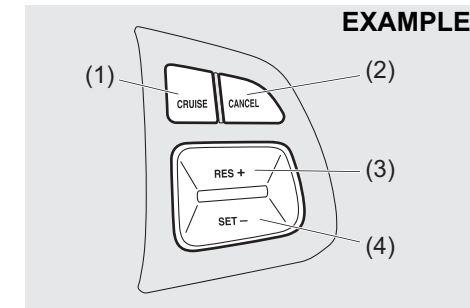
You can use the cruise control system under the following conditions:

- For manual transaxle vehicle, the gear position is in 3rd, 4th or 5th.
- For automatic transaxle vehicle, the gear lever is in "D" position.
- The vehicle speed is about 40 km/h or higher.

⚠ WARNING

To help avoid loss of vehicle control, do not use the cruise control system when driving in heavy traffic, on slippery or winding roads, or on steep downgrades.

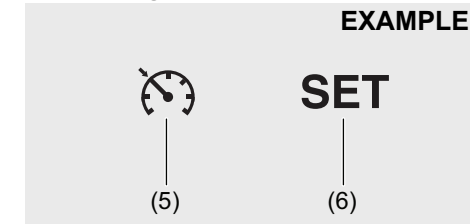
Cruise Control switch



61MS416

- (1) "CRUISE" switch
- (2) "CANCEL" switch
- (3) "RES +" switch
- (4) "SET -" switch

Indicator lights



64MM02011

- (5) Cruise indicator light
- (6) "SET" indicator light

OPERATING YOUR VEHICLE

To Set Cruising Speed

- 1) Turn on the cruise control system by pushing the "CRUISE" switch (1). When the cruise indicator light (5) comes on, you can set cruising speed.
- 2) Accelerate or decelerate to the desired speed.
- 3) Push the "SET –" switch (4), "SET" indicator light (6) comes on or appear on the instrument cluster. Take your foot off the accelerator pedal and the set speed will be maintained.

WARNING

If the cruising speed is set by accident, you cannot decelerate or could lose control of the vehicle. This could lead to an accident, resulting in severe injury or death.

Turn off the cruise control system and check that the cruise indicator light is off when the system is not in use.

NOTE:

Established cruising speed may differ a little from the speed meter indication depending on the road conditions.

To Change Speed Temporarily

When the cruising speed is maintained, you can temporarily accelerate or decelerate.

To accelerate, depress the accelerator pedal. When you take your foot off the pedal, your vehicle will return to the set speed.

To decelerate, depress the brake pedal. The set speed will be canceled and "SET" indicator light will go off.

To resume the previously set speed, push the "RES +" switch (3) and turn on the "SET" indicator light again when vehicle speed is above 40 km/h. The vehicle will accelerate to the previously set speed and maintain its speed.

To Change Cruising Speed

Using the accelerator pedal

To reset at a faster cruising speed, accelerate to the desired speed using the accelerator pedal and push the "SET –" switch (4). The new speed will be maintained.

Using the brake pedal

To reset at a slower cruising speed, decelerate to the desired speed using the brake pedal and push the "SET –" switch (4). The new speed will be maintained.

NOTE:

When the brake pedal is depressed, the "SET" indicator light goes off until the cruising speed is reset.

Using the "RES +" switch or the "SET –" switch

To reset at a faster cruising speed, press repeatedly or hold push the "RES +" switch (3). Vehicle speed will steadily increase. When you release the switch, the new speed will be maintained.

To reset at a slower cruising speed, press repeatedly or hold push the "SET –" switch (4) until the vehicle has slowed to the desired speed, then release the switch. The new speed will be maintained.

NOTE:

You can adjust the set speed by approximately 1.6 km/h by pushing the "RES +" switch (3) or the "SET –" switch (4) quickly.

Cancellation of the Cruise Control

The "SET" indicator light will go off and the cruise control will be canceled temporarily with following conditions:

- Push the "CANCEL" switch (2).
- Depress the brake pedal.
- Depress the clutch pedal.
- The vehicle speed falls more than about 20 percent from the set speed.
- Any time the vehicle speed falls below 40 km/h.

To resume the previously set speed, push the "RES +" switch (3) and turn on the "SET" indicator light. Besides, the vehicle speed has to be above 40 km/h when the vehicle is not in the above conditions.

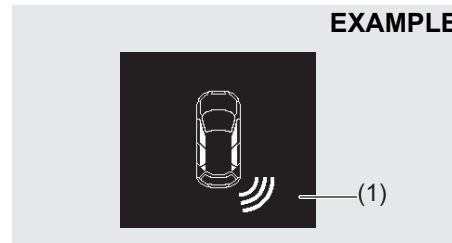
To turn off the cruise control system, push the "CRUISE" switch (1) and check that the cruise indicator light is off.

Also, if the malfunction indicator light in the instrument cluster comes on or blinks, the cruise control system will be turned off.

NOTE:

If you turn off the cruise control system, the previously set speed in the memory is cleared. Reset your cruising speed again

Parking Sensors



61MM0A192

- (1) Symbol representing an obstacle detected by parking sensor*

*This symbol represents an obstacle that is located to the right rear at the vehicle.

- The parking sensor system uses ultrasonic sensors to detect obstacles near the rear bumper. If obstacles are sensed while you are parking or moving the vehicle slowly, the system warns you by sounding a buzzer and displaying symbols representing the obstacles on the information display in the instrument cluster.
- The system emits an ultrasonic wave and the relevant sensor detects the return of the wave reflected by an obstacle. The system measures the time taken by the ultrasonic wave to reach the obstacle and return from it, from which it determines the obstacle's position.

- The parking sensor function can be used when the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON", the gearshift lever is in "R" position. This function is helpful in the following cases: pulling over to the curb; parallel-parking the vehicle; steering the vehicle into a garage; driving along an alley; and moving slowly in a place with obstacles.

⚠ WARNING

- The parking sensor warns you of obstacles with buzzers and by showing you the location of the obstacles on the information display. However, you must still have to pay attention while driving.
- The sensors can detect obstacles only within a limited area and only when the vehicle is moving within a limited speed range. So, in tricky areas, you must move the vehicle slowly while checking around it using your direct vision or rearview mirrors. There is increased risk of an accident if you control the vehicle relying only on the parking sensor.

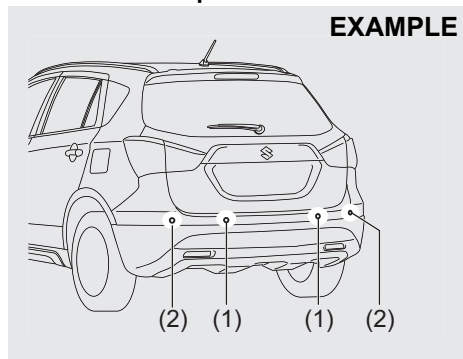
NOTICE

Parking sensors are only for driver's assistance.

OPERATING YOUR VEHICLE

Sensor Locations

On the rear bumper



64MS170

- (1) Rear center sensors (2 places)
- (2) Rear corner sensors (2 places)

NOTICE

- Avoid hitting the sensor areas or directing the nozzle of a high-pressure car washer onto the sensor areas. Otherwise, the sensors may be damaged.
- If the bumper hits a hard object, the sensors on it may not work properly. If this occurs, have the sensors inspected by a Maruti Suzuki authorised workshop.

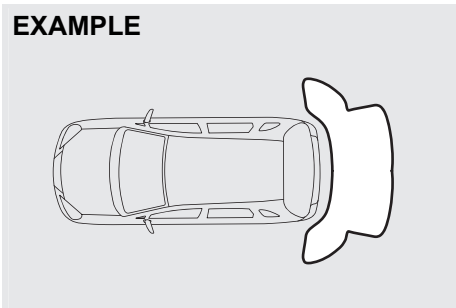
OPERATING YOUR VEHICLE

Working sensors

The sensors that work depends on the position of the gearshift lever as follows:

Gearshift lever position		Manual transaxle		Automatic transaxle	
		R	N, 1st – 5th	R	N, D, 2 or L
Rear sensors	Center	On	Off	On	Off
	Corner	On	Off	On	Off

Approximate areas where obstacles can be detected



- Any obstacle within about 20 cm (8 in) from the sensor or just below the sensor is not detectable.
- The sensors can detect an obstacle up to about 1.5 m (5 ft) from the rear of vehicle.

OPERATING YOUR VEHICLE

WARNING

- Under the following conditions, the parking sensor system may not work normally because the sensors cannot detect obstacles correctly.
 - Sensors are covered with mud, ice or other materials. (Such materials must be removed for normal operation.)
 - Sensors are wet from water splashes or heavy rain.
 - Sensors are covered by a hand, sticker, accessory, etc.
 - There is an accessory or other object attached within the sensor's sensing area.
 - Items such as tow hooks, commercially available corner poles, radio antenna, etc. are installed on the bumper.
 - The height of the bumper is changed due to alteration to the suspension or other causes.
 - The sensor areas are extremely hot from direct sunlight or cold due to freezing weather.
 - The vehicle is on a rough surface, slope, gravel road or grass field.
 - The vehicle is at a steep angle.
 - Sensors have intercepted ultrasonic noise from another vehicle's horn, engine air braking system (large vehicles), or parking sensor.

(Continued)

WARNING

(Continued)

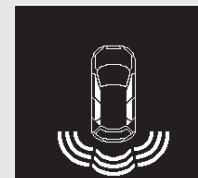
- Obstacles are too close to the sensors.
- Sensors are at an angle to a highly reflective object such as glass. (Ultrasonic waves are not reflected back from the obstacle.)
- Sensors may not be able to correctly
- Sensors may not be able to correctly detect the following types of obstacles:
 - Objects made of a thin material like wire netting and ropes
 - Square-shaped curbstones or other objects with sharp edges
 - all objects with a large upper part like a road sign
 - Low-profile objects such as curbstones
 - Sound-absorbing objects such as cotton and snow

NOTE:

- Thin poles or obstacles lower than the sensors may become undetectable as the vehicle moves closer to them even if they have been detected from longer distances.
- The system may calculate the distance to a road sign or similar obstacle to be shorter than actual distance.

Obstacle Indication by Parking Sensor

EXAMPLE



(2) (1) (2)

64MS008

- (1) Obstacle detected by rear center sensors
- (2) Obstacle detected by rear corner sensors

OPERATING YOUR VEHICLE

Upon detecting an obstacle, the parking sensor causes an interior buzzer to sound and a symbol representing the obstacle appears on the information display in the instrument cluster.

- A different symbol is displayed depending on the direction and distance of the obstacle.
- A buzzer located behind the rear seat sounds when a sensor at the rear detects an obstacle.
- Warnings when obstacles are detected by corner sensors.

Distance (approx.)	Buzzer	Symbol
45 – 60 cm (18 – 24 in)	Short beeps at short intervals	Three lines
35 – 45 cm (14 – 18 in)	Short beeps at very short intervals	Two lines
Less than 35 cm (14 in)	Continuous beep	One line

- Warnings when obstacles are detected by center sensors

Distance (approx.)	Buzzer	Symbol
60 – 150 cm (24 – 59 in)	Short beeps at long intervals	Three lines
45 – 60 cm (18 – 24 in)	Short beeps at short intervals	
35 – 45 cm (14 – 18 in)	Short beeps at very short intervals	Two lines
Less than 35 cm (14 in)	Continuous beep	One line

NOTE:

- Symbols are displayed with a short delay after the detection of obstacles.
- If the system detects multiple obstacles simultaneously, the display shows all of their positions using the corresponding symbols. However, the buzzers will sound only for the nearest obstacles.

Set Sensors

You can select either the normal or trailer mode of the parking sensor via the information display. Refer to “Information Display” in the “BEFORE DRIVING” section.

Normal mode

All sensors operate. Use this mode under normal conditions.

Trailer mode

The rear corner and rear center sensors are inhibited from operating. Use this mode when towing a trailer.

NOTICE

Make sure the normal mode is selected with the parking sensor when steering the vehicle into a garage. If the parking sensor is left in the trailer mode, the rear corner and rear center sensors are not functioning.

OPERATING YOUR VEHICLE

Warning and Indicator Messages

If there is a problem or warning regarding the parking sensor system, a message is displayed on the information display in the instrument cluster and a symbol blinks. If a message is displayed, follow its instruction.

Message	Symbol	Probable cause and remedy
	Two blinking lines in a sensor location.	There may be problem with the parking sensor system. Have your vehicle inspected by a Maruti Suzuki authorised workshop.
	One blinking line in a sensor location.	The indicated sensor is contaminated. Wipe it clean with a soft cloth.

Rearview Camera (if equipped)

When the gearshift lever is shifted to the “R” position while the ignition switch is in the “ON” position or the ignition mode is “ON”, the rearview camera system automatically shows the view behind the vehicle on the display.

WARNING

The distance viewed in the rearview camera may differ from the actual distance according to the condition of road or the load the vehicle is carrying. Since the camera display area is also limited, backing up by only looking at the display may cause an accident or crash with an object.

The rearview camera cannot replace the driver's attention. The driver alone is responsible for parking and similar driving maneuvers.

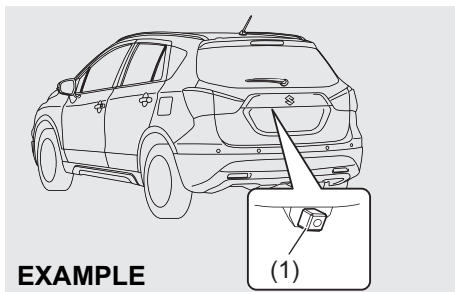
- Use the rearview camera only to provide driving assistance.
- Always drive carefully confirming the safety of the rear and the surrounding conditions by looking directly with your eyes and using the rear view mirror.
- Make sure that the tailgate is securely closed when backing up.

OPERATING YOUR VEHICLE

NOTICE

If you use the rearview camera for a long time when the ignition switch is in the “ON” position or the ignition mode is “ON”, but the engine is not running, the battery may discharge. Do not leave the ignition switch in the “ON” position or the ignition mode “ON” for a long time when the engine is not running.

Rearview Camera Location



64MS144

(1) Rearview camera

The rearview camera is installed beside the license plate light.

NOTICE

The rearview camera is a precision instrument. If you strike the camera, it may break and cause damage resulting in fire or a malfunction.

- Do not strike the camera.
- Do not remove snow or mud on the camera lens with a stick.

NOTICE

If water enters the rearview camera, it may cause a malfunction or catch fire. Do not use high pressure water around the camera.

NOTICE

The camera lens is hard coated to prevent damage or discoloration. Damage or discoloration of lens may obscure the image.

- Do not use a brush to clean lens.
- Do not use alcohol, benzene or thinner to clean the lens.
- Do not use wax on the camera lens.

NOTE:

If body wax does get on the camera lens, wipe off the wax with a clean cloth dampened with mild detergent diluted with water, then wipe the lens with a dry cloth.

How to Use Rearview Camera

- 1) Turn the ignition switch to the “ON” position or press the engine switch to change the ignition mode to “ON”.
- 2) Shift the gearshift lever in the “R” position.
 - The display automatically shows the view behind the vehicle.
 - When the gearshift lever is shifted from “R” to another gearshift lever position, the display returns to the previous display.

NOTE:

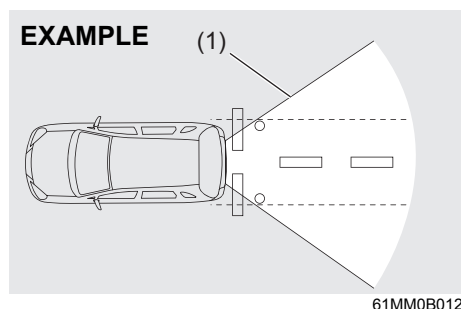
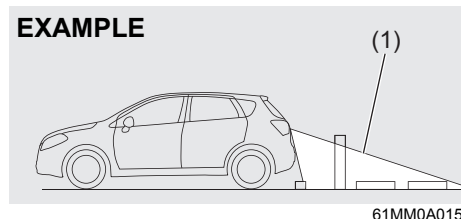
- The colors of objects on the rearview camera may differ from the actual object colors.
- The rearview camera display has first priority in any display mode. However, the rearview camera display does not show the rear view while the system is initializing.

OPERATING YOUR VEHICLE

Display Range of Rearview Camera

The rearview camera display shows the area behind the rear end of the tailgate. The display cannot show objects which are close to the bumper or under the bumper. The rearview camera display cannot show obstacles which are higher than the camera. Upper parts of tall objects such as road signs cannot be viewed on the display.

Example of display range of rearview camera



(1) Display range

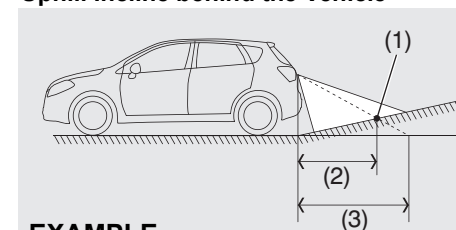
NOTE:

- Images shown on the display from the rearview camera are reversed images (mirror images).
- The colors of objects on the rearview camera may differ from the actual object colors.
- The rearview camera display may be difficult to see under the following conditions, but this is not a system malfunction.
 - In dark areas, on a rainy day or at night.
 - When the temperature around the lens is too high/low, or the camera is wet such as on a rainy day or during periods of high humidity (dew condensation may occur on the camera lens).
 - When a foreign object such as mud or a drop of water is stuck around the camera lens.
 - When strong light directly enters the camera (vertical lines may be seen on the display).
 - Under fluorescent light. (The display may flicker.)
 - When the outside temperature is low (the image on the display may be darkened).

Rearview camera screen indication

The distance viewed in the rearview camera may differ from the actual distance according to the condition of the road or the load the vehicle is carrying.

Uphill Incline behind the Vehicle

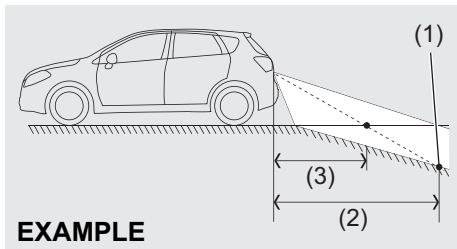


EXAMPLE

- (1) Object
- (2) Actual distance
- (3) Distance on the display

When there is an uphill incline behind the vehicle, the object shown on the display appears farther away than the actual distance.

Downhill Incline behind the vehicle



- (1) Object
- (2) Actual distance
- (3) Distance on the display

When there is a downhill incline behind the vehicle, the object shown on the display appears closer than the actual distance.

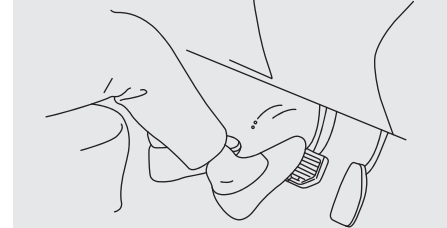
If the rear view from the rearview camera is not shown or there is a poor image

- If the rear view from the rearview camera is not shown.
 - Check to make sure that the ignition switch is in the “ON” position or the ignition mode is “ON”.
 - Check that the gearshift lever is shifted to the “R” position.
- If the image from the rearview camera is poor.
 - Check that the camera lens is not dirty.
 - Check that light from the sun or the beam of the headlights from the vehicle behind is not shining directly into the lens.

If the rearview camera system is still not working properly after checking the above, have the system inspected by a Maruti Suzuki authorised workshop as soon as possible.

Braking

EXAMPLE



The distance needed to bring any vehicle to a halt increases with the speed of the vehicle. The braking distance needed, for example, at 60 km/h will be approximately 4 times greater than the braking distance needed at 30 km/h. Start to depress the brake pedal when there is plenty of distance between your vehicle and the stopping point, and slow down gradually.

⚠ WARNING

If water gets into the brake devices, brake performance may become poor and unpredictable. After driving through water or washing the under side of the vehicle, test the brakes while driving at a slow speed to see if they have maintained their normal effectiveness. If the brakes are less effective than normal, dry them by driving slowly until the brakes have regained their normal effectiveness.

OPERATING YOUR VEHICLE

Power-Assisted Brakes

Your vehicle has power-assisted brakes. If power assistance is lost due to a stalled engine or other failures, the system is still fully operational on reserve power and you can bring the vehicle to a complete stop by pressing the brake pedal once and holding it down. The reserve power is partly used up when you depress the brake pedal and reduces each time the pedal is pressed. Apply smooth and even pressure to the pedal. Do not pump the pedal.

WARNING

Even without reserve power in the brake system, you can still stop the vehicle by pressing the brake pedal harder than normally required. However, the stopping distance may be longer.

Anti-Lock Brake System (ABS)

ABS will help you avoid skidding by electronically controlling braking pressure. It will also help you maintain steering control when braking on slippery surfaces or when braking hard.

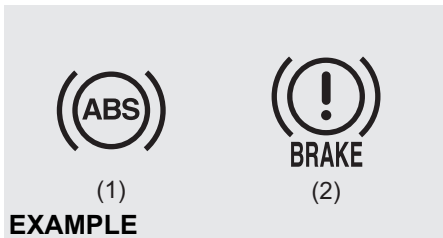
The ABS works automatically, so you do not need any special braking technique. Just push the brake pedal down without pumping. The ABS will operate whenever it senses that the wheels are locking up. You may feel the brake pedal move a little while the ABS is operating.

NOTE:

- The ABS will not work if vehicle speed is under about 9 km/h.
- If the ABS system is activated, you may hear a clunking noise and/or feel pulsating in the brake pedal. This is normal and indicates that the brake fluid pressure is being controlled properly.
- You may hear an operation sound when you start the engine or after the vehicle begins to move. This means that the above systems are in the self-check mode. This sound does not indicate a malfunction.

WARNING

- On some types of loose surfaces (such as gravel, snow-covered roads, etc.), the stopping distance required for a vehicle with ABS may be slightly greater than the one required for a comparable vehicle with a conventional brake system. With a conventional brake system, skidding tires are able to plow the gravel or snow layer, shortening the stopping distance. ABS minimizes this resistance effect. Allow for extra stopping distance when driving on loose surfaces.
- On regular paved roads, some drivers may be able to obtain slightly shorter stopping distances with conventional brake systems than with ABS.
- In both of the above conditions, ABS will still offer the advantage of helping you maintain directional control. However, remember that ABS will not compensate for bad road or weather conditions or poor driver judgment. Use good judgment and do not drive too fast.



63J081

- (1) ABS warning lights
(2) Brake system warning light (red color)

⚠ WARNING

- If the ABS warning light (1) on the instrument panel comes on and stays on while driving, there may be a problem with the ABS system. Ask your Maruti Suzuki authorised workshop to inspect the ABS system immediately. If the ABS system becomes inoperative, the brake system will function as an ordinary brake system that has no ABS.

(Continued)

⚠ WARNING

(Continued)

- If the ABS warning light (1) and the Brake system warning light (red color) (2) on the instrument panel simultaneously stays on or comes on when driving, both anti-lock function and rear brake force control function (proportioning valve function) of the ABS system may have failed. If so, the rear wheels may easily skid or the vehicle can even spin in the worst case when braking on a slippery road or when hard braking even on a dry paved road. Ask your Maruti Suzuki authorised workshop to inspect the ABS system immediately. Drive carefully, avoiding hard braking as much as possible.

How the ABS Works

A computer continuously monitors wheel speed. The computer compares the changes in wheel speed when braking. If the wheels slow suddenly, indicating a skidding situation, the computer will change braking pressure several times each second to prevent the wheels from locking. When you start your vehicle or when you accelerate after a hard stop, you may hear a momentary motor or clicking noise as the system resets or checks itself. "This is absolutely normal and indicates that ABS is functioning properly".

⚠ WARNING

The ABS may not work properly if tires or wheels other than those specified in the owner's manual are used. This is because the ABS works by comparing changes in wheel speed. When replacing tires or wheels, use only the size and type specified in this owner's manual.

OPERATING YOUR VEHICLE

Hill Hold Control System (if equipped)

The hill hold control system is designed to assist you in starting to move up hills. When you start to move up a hill, the system helps to prevent the vehicle from rolling downward (for approximately 2 seconds) while you move your foot from the brake pedal to the accelerator pedal.

WARNING

- Do not rely excessively on the hill hold control system. The hill hold control system may not prevent the vehicle from rolling downward on a hill under all load or road conditions. Always be prepared to depress the brake pedal to prevent the vehicle from rolling downward. Failure to pay attention and depress the brake pedal to hold the vehicle on a hill when necessary, may result in loss of control or an accident.
- The hill hold control system is not designed to stop the vehicle on a hill.

(Continued)

⚠ WARNING

(Continued)

- After you release your foot from the brake pedal, accelerate the vehicle to move up immediately. If you release your foot from the brake pedal over 2 seconds, the hill hold control system will be canceled. If so, the vehicle may roll downward, which can result in an accident depending on the degree of slope. And, the engine may stall and the power assist for the steering and brakes will not work so steering and braking will be much harder than usual which can result in an accident or vehicle damage.

The hill hold control system activates for a maximum of about 2 seconds if your foot is moved from the brake pedal when the following conditions are all met.

- 1) The gearshift lever is in a forward gear or reverse gear.
- 2) The parking brake is released.
- 3) The vehicle is on an upward incline.

On models equipped with the ENG A-STOP system, the hill hold control system is activated when the engine is restarted after being stopped automatically, even if the previous conditions are not met.

NOTE:

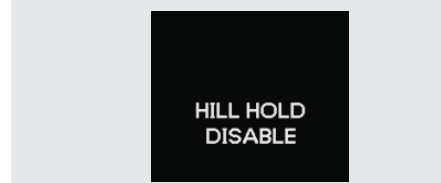
When the hill hold control system is activated, the following conditions may be found, but this is not a malfunction.

- You may hear a sound from the engine room.
- As brake pedal becomes heavy, it may be difficult for you to depress it.

NOTE:

If the brake pedal is not fully depressed, the hill hold control may not work and the vehicle may retract.

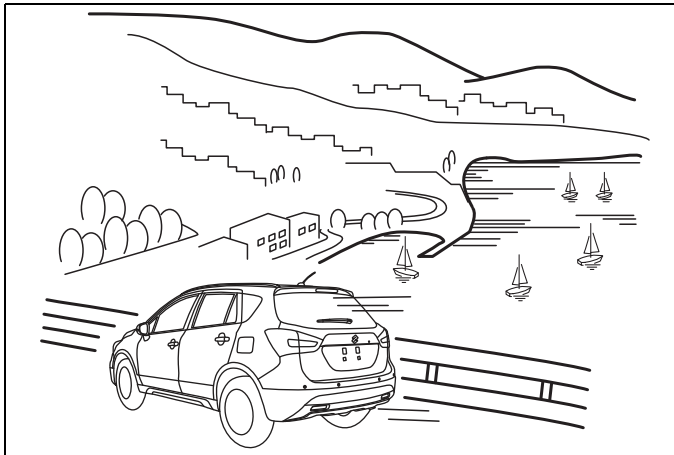
EXAMPLE



64MM03027

If the message shown in the above illustration appears on the information display, there may be a problem with the hill hold control system. Have your vehicle inspected by a Maruti Suzuki authorised workshop.

The hill hold control system will not activate while this message is displayed.



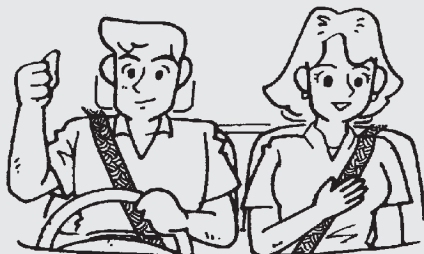
64MM04000

DRIVING TIPS

Running-in	4-1
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DRIVING TIPS

EXAMPLE



65D231

⚠ WARNING

- **WEAR YOUR SEAT BELTS AT ALL TIMES.** Even though air bags are equipped at the front seating positions, the driver and all passengers should be properly restrained at all times, using the seat belts provided. Refer to “Seat belts and child restraint systems” section for instructions on proper use of the seat belts.
- **Never drive under the influence of alcohol or other drugs.** Alcohol and drugs can seriously impair your ability to drive safely, greatly increasing the risk of injury to yourself and others. You should also avoid driving when you are tired, sick, irritated or under stress.

Running-in

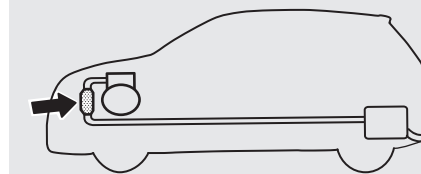
NOTICE

The future performance and reliability of the engine depends on the care and restraint exercised during its early life. It is especially important to observe the following precautions during the first 960 km of vehicle operation.

- After starting, do not race the engine. Warm it up gradually.
- Avoid prolonged vehicle operation at a constant speed. Moving parts will break in better if you vary your speed.
- Start off from a stop slowly. Avoid full throttle starts.
- Avoid hard braking, especially during the first 320 km of driving.
- Do not drive slowly with the trans-axle in a high gear.
- Drive the vehicle at moderate engine speeds.
- Do not tow a trailer during the first 960 km of the vehicle operation.

Catalytic converter

EXAMPLE



64MM04002

The purpose of the catalytic converter is to minimize the amount of harmful pollutants in your vehicle's exhaust. Use of leaded fuel in vehicles equipped with catalytic converters is prohibited, because lead deactivates the pollutant-reducing components of the catalyst system.

The converter is designed to last the life of the vehicle under normal usage and when unleaded fuel is used. No special maintenance is required on the converter. However, it is very important to keep the engine properly tuned. Engine misfiring, which can result from an improperly tuned engine, may cause overheating of the catalytic converter. This may result in permanent heat damage to the catalytic converter and other vehicle components.

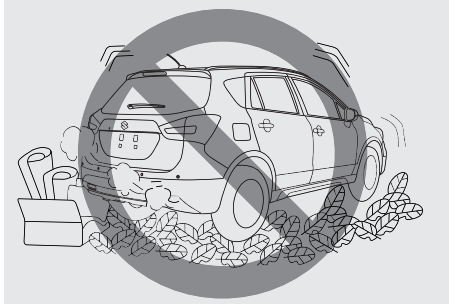
DRIVING TIPS

NOTICE

To minimize the possibility of catalytic converter or other vehicle damage:

- Maintain the engine in the proper operating condition.
- In the event of an engine malfunction, particularly one involving engine misfire or other apparent loss of performance, have the vehicle serviced promptly.
- Do not turn off the engine or interrupt the ignition when the transaxle is in gear and the vehicle is in motion.
- Do not try to start the engine by pushing or towing the vehicle, or coasting down a hill.
- Do not idle the engine with any spark plug wires disconnected or removed, such as during diagnostic testing.
- Do not idle the vehicle for prolonged periods if idling seems rough or there are other malfunctions.
- Do not allow the fuel tank to get near the empty level.
- Avoid driving your vehicle at excessively high engine speed in or around the red zone of the tachometer.

EXAMPLE



64MM04003

⚠ WARNING

Be careful where you park and drive; the catalytic converter and other exhaust components can get very hot. As with any vehicle, do not park or operate this vehicle in areas where combustible materials such as dry grass or leaves can come in contact with a hot exhaust system.

Improving fuel economy

NOTE:

Fuel economy (mileage) of the vehicle may vary due to several factors i.e., driving habits - gear change pattern, usage of A.C, Air pressure in the tyres, wind speed, traffic conditions, fuel quality- non adulterated standard fuel, maintenance of vehicle, road conditions, braking etc.

The following instructions will help you improve fuel economy.

Avoid excessive idling

If you are to wait for more than a minute while you are parked, stop the engine and start it again later. When warming up a cold engine, do not allow the engine to idle or apply full throttle until the engine has reached operating temperature. Allow the engine to warm up by driving.

Avoid sudden acceleration

Sudden acceleration starting from rest or while driving will consume fuel unnecessarily and shorten engine life. Start off slowly.

Avoid unnecessary stops

Avoid unnecessary deceleration and stopping. Try to maintain a slow, steady speed whenever possible. Slowing down and then accelerating again uses more fuel.

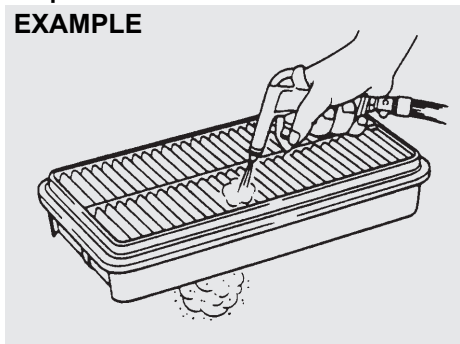
Keep a steady cruising speed

Drive at a constant speed that road and traffic conditions will permit.

DRIVING TIPS

Keep the air cleaner clean

EXAMPLE



60A183S

If the air cleaner is clogged with dust, there will be greater intake resistance, resulting in decreased power output and increased fuel consumption.

Keep weight to a minimum

The heavier the load is, the more fuel the vehicle consumes. Unload any unnecessary luggage or cargo.

Keep tire pressures correct

Under-inflation of the tires can waste fuel due to increased running resistance of the tires. Keep your tires inflated to the correct pressure shown on the label on the driver's side door or the driver's door lock pillar.

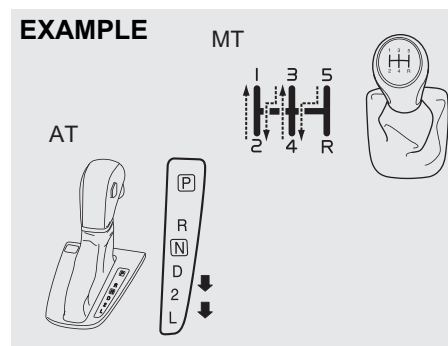
Highway driving

When driving at highway speeds, pay attention to the following:

- Stopping distance progressively increases with vehicle speed. Apply the brakes far enough ahead of the stopping point to allow for the extra stopping distance.
- On rainy days, hydroplaning can occur. Hydroplaning is the loss of direct contact between the road surface and the vehicle's tires due to a water film forming between them. Steering or braking the vehicle during hydroplaning can be very difficult, and loss of control can occur. Keep speed down when the road surface is wet.
- At high speeds, the vehicle may be affected by side winds. Therefore, reduce speed and be prepared for unexpected buffeting, which can occur at the exits of tunnels, when passing by a cut of a hill, or when being overtaken by large vehicles, etc.

Driving on hills

EXAMPLE



64MM04011

- When climbing steep hills, the vehicle may begin to slow down and show a lack of power. If this happens, you should shift to a lower gear so that the engine will again be operating in its normal power range. Shift rapidly to prevent the vehicle from losing momentum.
- When driving down a hill, the engine should be used for braking by shifting to the next lower gear.

DRIVING TIPS

While moving uphill/gradient from a stand still condition - For manual transaxle

- Apply the parking brake firmly so that the vehicle does not roll backwards.
- Depress the Clutch pedal and Shift the gearshift lever to 1st Select position.
- Do not slip the clutch.
- When ready to start, press accelerator pedal and slowly release the clutch pedal simultaneously. When the vehicle starts to move, gradually release the parking brake.

WARNING

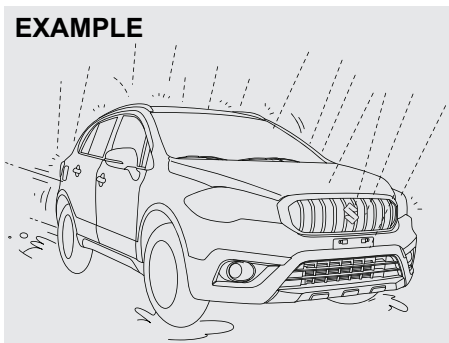
Do not hold the brake pedal down too long or too often while going down a steep or long hill. This could cause the brakes to overheat, resulting in reduced braking efficiency. Failure to take this precaution could result in loss of vehicle control.

NOTICE

When descending a downhill, never turn the ignition key to “LOCK” position or press the engine switch to change the ignition mode to LOCK (OFF). Emission control system and automatic transaxle (if equipped) damage may result.

Driving on slippery roads

EXAMPLE



64MM04004

On wet roads, you should drive at a lower speed than you do on dry roads due to possible slippage of tires during braking. When driving on icy, snow-covered or muddy roads, reduce your speed and avoid sudden acceleration, abrupt braking, or sharp steering movements.

Tire chains

Tire chains should only be used if they are needed to increase traction or are required by law. Check that the chains you use are the correct size for your vehicle's tires. Also check that there is enough clearance between the fenders and the chains as installed on the tires.

Install the chains on the front tires tightly, according to the chain manufacturer's instructions. Retighten the chains after driving about 1.0 km if necessary. With the chains installed, drive slowly.

NOTICE

- If you hear the chains hitting against the vehicle body while driving, stop and tighten them.
- If your vehicle is equipped with full wheel caps, remove the wheel caps before installing the chains or the wheel caps can be damaged by the chain bands.

DRIVING TIPS

Stuck vehicle

If your vehicle gets stuck in snow, mud or sand, follow the directions below:

- 1) Shift the transaxle back and forth between the first gear and reverse. This will create a rocking motion which may give you enough momentum to free the vehicle. Press gently on the accelerator to keep wheel spinning to a minimum wheel rpm. Remove your foot from the accelerator while shifting.
Do not race the engine. Excessive wheel spin will cause the tires to dig deeper, making it more difficult to free the vehicle.
- 2) If your vehicle remains stuck after a few minutes of rocking, we recommend you to consult your Maruti Suzuki authorised workshop or a roadside assistance service. If a towing service is not available in an emergency, your vehicle may be temporarily towed by a towing cable or chain secured to the towing hook either on the front of the vehicle or on the rear of the vehicle. Refer to "Frame hooks" in the "OTHER CONTROLS AND EQUIPMENT" section.

⚠ WARNING

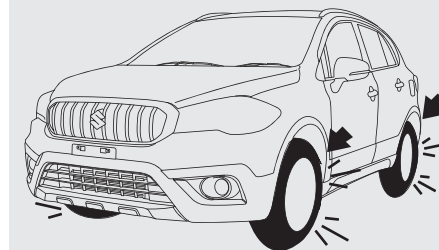
Do not allow anyone to stand near the vehicle when you are rocking it, and do not spin the wheels faster than an indicated 40 km/h on the speedometer. Personal injury and/or vehicle damage may result from spinning the wheels too fast.

NOTICE

Do not continue rocking the vehicle for more than a few minutes. Prolonged rocking can cause engine overheating or transaxle damage.

Driving on wet roads

EXAMPLE



64MM04001

NOTICE

- When driving on wet roads, avoid driving through large amount of standing water on the road. Large amount of water entering the engine compartment may cause damage to the engine and or electrical components.
- If stuck in deep water, do not start the engine.
- Water is incompressible substance, water inside engine is harmful to the engine.

⚠ WARNING

In addition to following the driving tips in this section, it is important to observe the following precautions.

- Check that your tires are in good condition and always maintain the specified tire pressure. Refer to "Tires" in the "INSPECTION AND MAINTENANCE" section for details.
- Do not use tires other than those specified by MARUTI SUZUKI. Never use different sizes or types of tires on the front and rear wheels. For information regarding the specified tires, refer to the tire information label located on the driver's door lock pillar.
- Never use oversized tires or special shock absorbers and springs to raise (jack up) your vehicle. This will change the handling characteristics. Oversized tires may also rub against the fender over bumps, causing vehicle damage or tire failure.
- After driving through water, test the brakes while driving at a slow speed to see if they have maintained their normal effectiveness. If the brakes are less effective than normal, dry them by repeatedly applying the brakes while driving slowly until the brakes have regained their normal effectiveness.

Off-road Driving

Do not drive in the field covered with grown grass.

If you drive in the field covered with grass, it may cause unexpected accident or vehicle damage by getting caught in grown grass.

When Encountering a Flooded Area

EXAMPLE



79MM04011

Avoid driving in a flooded area or a deep puddle. If driving in a flooded area is unavoidable, go slowly in the lowest gear. In case that you have driven in a flooded area, stop the vehicle in a safe and non flooded place while checking the brake effectiveness. Then, ask a Maruti Suzuki authorised workshop to check the following inspection items.

- Function of brake
- Function of electrical components
- Changes of oil level and quality for engine, transaxle and differential. In case that the oil is turbid whitely, water has been mixed in the oil and an oil change is required.
- Lubricant condition of the bearings, suspension joints, etc.

NOTICE

- Avoid driving in a flooded area or a deep puddle. It may cause an engine stall, short in electrical components, engine and transaxle damages, etc.
- If the vehicle get stuck in deep water do not start the engine.

DRIVING TIPS

Do's and Dont's for safe driving

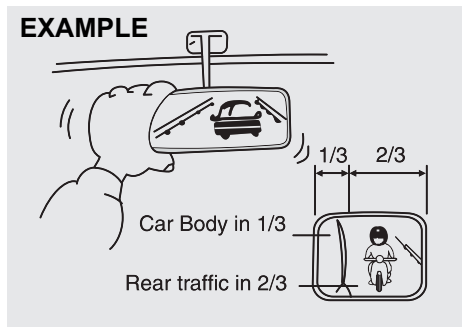
Exercise care in handling your vehicle. Be conscious of not only your own safety but also the safety of others on the road, and thus enjoy the best and most comfortable driving experience.

Following are basic rules for safe driving. Read them carefully for good understanding of the content so that you can enjoy safe and pleasant driving in your vehicle.

Starting

- 1) Adjust the driver's seat for the proper driving posture.
- 2) Adjust the rear view mirror so as to obtain the best possible rear view.

EXAMPLE



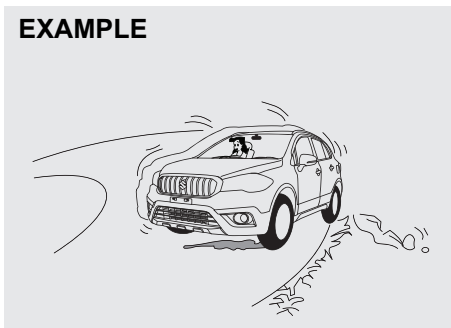
72F-08-001

- 3) Before moving, look around your vehicle to confirm safety.
- 4) Don't accelerate suddenly, since it is dangerous and wastes fuel.

General Driving

- 1) Be sure to stop before a stop light or stop sign. When moving into an intersection without any traffic lights or signs, drive slowly to confirm safety.
- 2) Always follow other vehicles at a safe distance in order to prevent a rear-end collision, in case the vehicle ahead makes a sudden stop.

EXAMPLE

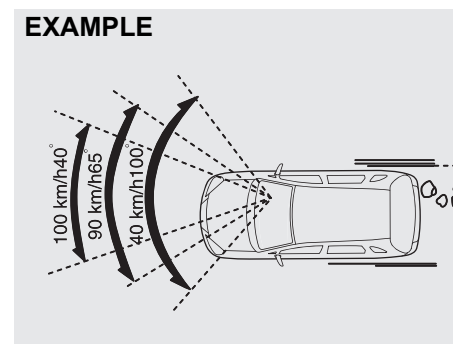


64MM04005

- 3) Turn ON the turn signal at least 30 meters before making a turn or changing the lane so as not to be hit.
- 4) Before entering a corner, decelerate to a safe speed. Don't apply brakes during cornering, or skidding may occur.

- 5) When overtaking other vehicles, watch out for oncoming vehicles and carefully ensure safety.
- 6) Don't attempt zigzag driving as it will hinder your control over the vehicle and may cause an accident.
- 7) Avoid reckless high speed driving and try to drive at a safe speed suitable for the road conditions while maintaining a constant speed.
- 8) The higher the speed, the narrower the driver's visual range becomes. In such a state, it is difficult to anticipate any hazard and the driver feels fatigued.

EXAMPLE

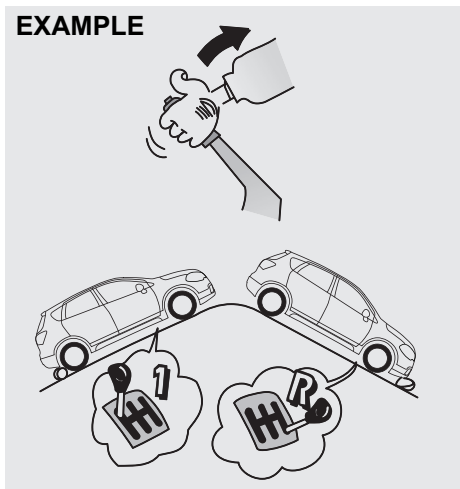


64MM04008

- 9) Do not attempt sharp handling during high speed driving. You may lose your control over your vehicle.
- 10) When overtaking or changing lanes while driving at a high speed, keep ample vehicle-to-vehicle distance.

Braking

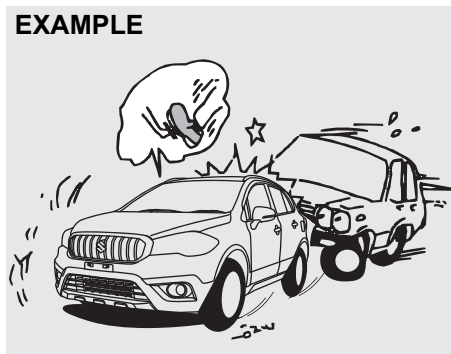
EXAMPLE



64MM04006

- 1) Use the parking brake when parking your vehicle and shift the gear shift lever into the first gear or reverse gear position for the sake of safety.
- 2) Don't use hand-braking unless unavoidable. It causes the vehicle to skid and a collision may occur. It is especially dangerous when the tires are worn out as they skid more.

EXAMPLE



64MM04007

Use foot brake in three stages

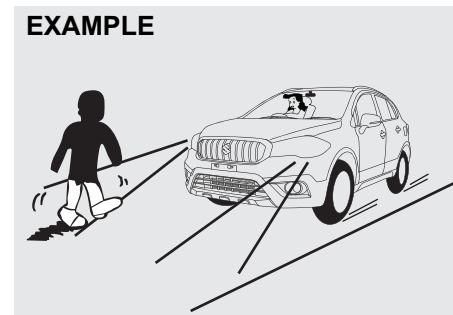
1. Warn the vehicle behind you.
 2. Gradually apply the brake.
 3. Bring the vehicle to a halt.
- 3) When driving downhill, try not to apply the brake but use the engine brake effectively. Overuse of the foot-brake may result in reduction of brake effectiveness.

Long Distance Driving

- 1) Be sure to perform safety checks before starting a trip.
- 2) Take rest at regular intervals to prevent accidents which may occur due to feeling sleepy or tired.

Night Time Driving

EXAMPLE

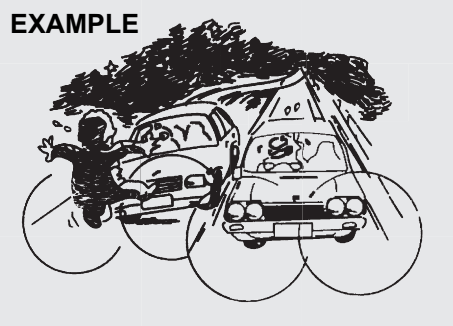


64MM04010

- 1) Drive at lower speeds during the night than in the daytime, as the visual range is restricted at night.
- 2) Avoid overtaking other vehicles at night. Darkness bothers your sense of speed and hinders your judgment of vehicle-to-vehicle distance.

DRIVING TIPS

EXAMPLE



72F-08-021

- 3) Don't use headlights on high beam unless its use is inevitable. It may cause visual impairment to the driver of the oncoming vehicle or the vehicle ahead of you, which may cause an accident.
- 4) Always keep the window glasses clean. Don't operate the windshield wiper when the windshield glass is dry else the wiper blade and glass may get damaged.

Margin for safety

It is important to allow yourself a margin for safety during driving so that you can cope with erroneous or unexpected driving of other drivers. For that, observe the following.

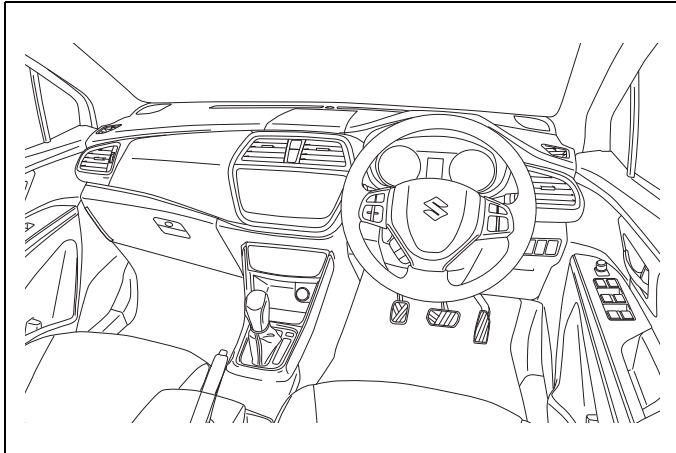
- Drive at a safe speed.
- Maintain a sufficient distance between your vehicle and the vehicle ahead.
- Don't force yourself to overtake other vehicles.
- Don't accelerate suddenly, steer sharply or stop suddenly.
- Keep ample gaps between driving schedules.
- Observe traffic rules and regulations.

Conclusion

A perfect driver does not exist. The endeavor of every motorist should be to strive for perfection. Safety consciousness not only ensures your safety and the safety of other road users, it also helps reduce the wear and tear on your vehicle, lengthens its life, gives better fuel efficiency and ensures a comfortable driving experience.

Follow the do's and don'ts listed, and driving will never be the same again.

OTHER CONTROLS AND EQUIPMENT



64MM05000

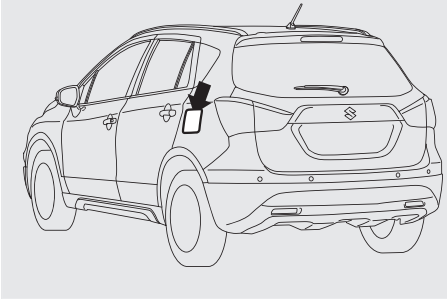
OTHER CONTROLS AND EQUIPMENT

Fuel Filler Cap	5-1
Engine Hood	5-2
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OTHER CONTROLS AND EQUIPMENT

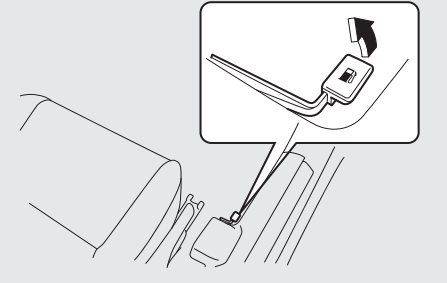
Fuel Filler Cap

EXAMPLE



64MS137

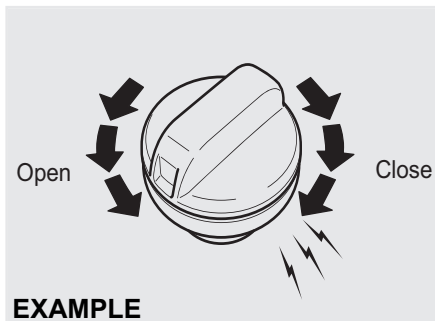
EXAMPLE



64MS070

The fuel filler cap is located on the left rear side of the vehicle. The fuel filler lid can be unlocked by pulling up the opener lever located on the outboard side of the driver's seat and locked by simply closing the door.

5-1



57L51093

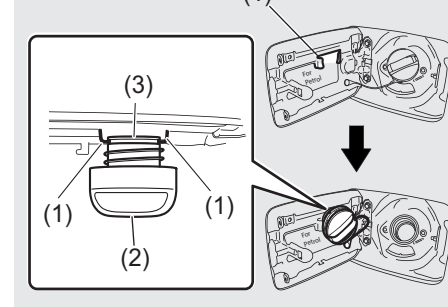
To remove the fuel filler cap:

- 1) Open the fuel filler lid.
- 2) Remove the cap by turning it counter-clockwise.

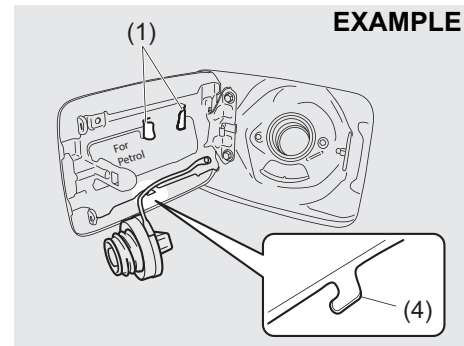
CAUTION

Remove the fuel filler cap slowly. The fuel may be under pressure and may spray out, causing injury.

EXAMPLE



61MM0B104



64MM05001

NOTE:

The cap holder (1) holds the fuel filler cap (2) by hooking the cap to the groove (3), or the hook (4) also holds the fuel filter cap when refueling.

OTHER CONTROLS AND EQUIPMENT

To reinstall the fuel filler cap:

- 1) Turn the cap clockwise until you hear several clicks.
- 2) Close the fuel filler lid.

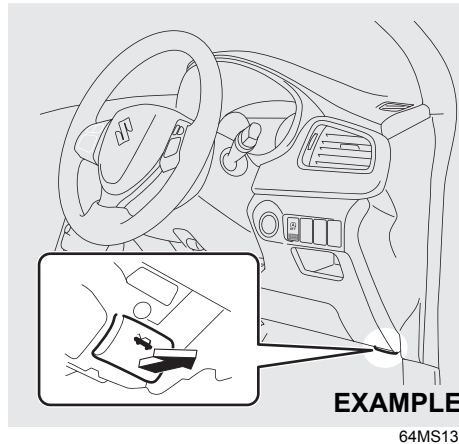
WARNING

Fuel is extremely flammable. Do not smoke when refueling, and make sure there are no open flames or sparks in the area.

WARNING

If you need to replace the fuel filler cap, use a MARUTI genuine cap. Use of an improper cap can result in a malfunction of the fuel system or emission control system. It may also result in fuel leakage in the event of an accident.

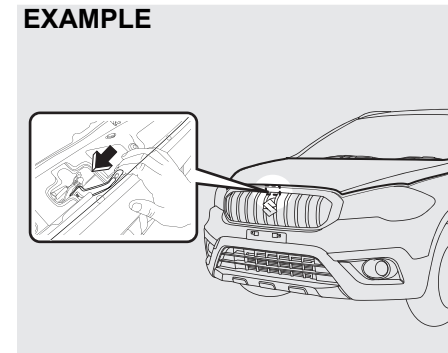
Engine Hood



To open the engine hood:

- 1) Pull the hood release handle located on the outboard side of the driver's side of the instrument panel. This will disengage the engine hood lock halfway.

EXAMPLE



- 2) Push the under-hood release lever sideways with your finger, as shown in the illustration. While pushing the lever, lift up the engine hood with the other hand.

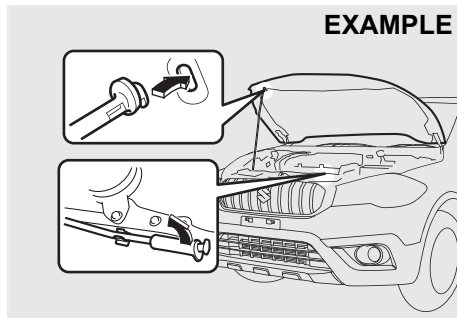
CAUTION

The release lever can be hot enough to burn your finger right after driving. Touch the lever after it becomes cool enough.

NOTICE

Make sure that the wiper arms are not raised before you lift up the engine hood to avoid damaging the wiper arms and the engine hood.

OTHER CONTROLS AND EQUIPMENT



64MM05003

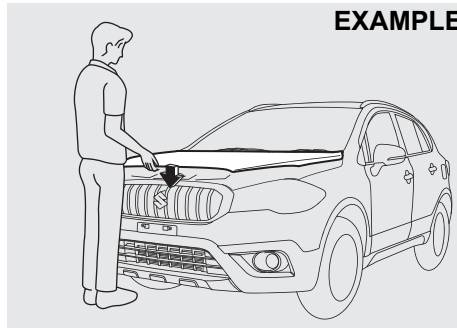
- 3) While holding the hood, pull the prop rod out from the holding clip, and then insert the end of the rod into the designated hole in the hood.

⚠ CAUTION

- The prop rod can be hot enough to burn your finger right after driving. Touch the rod after it becomes cool enough.
- Insert the end of the rod into the hole securely. If the rod drops off, your body may be caught in the hood.
- The rod may drop off when the hood is hit by a wind. Be careful on windy days.

To close the engine hood:

- 1) Lift the hood up slightly and remove the prop rod from the hole. Put the prop rod back to the holding clip.



64MM05004

- 2) Lower the hood to about 20 cm above the hood latch, and then let it drop down. Make sure the hood is securely latched after closing.

⚠ WARNING

Make sure the hood is fully closed and latched before driving. If it is not, it can fly up unexpectedly during driving, obstructing your view and resulting in an accident.

⚠ CAUTION

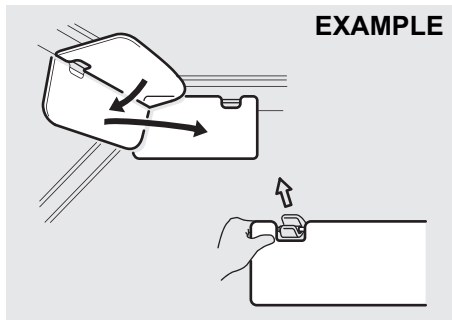
To avoid injury, be sure no part of the occupant's body such as hands or head is in the path of the hood when closing it.

NOTICE

Pressing the hood from above may damage the hood.

OTHER CONTROLS AND EQUIPMENT

Sun Visor



77PH004

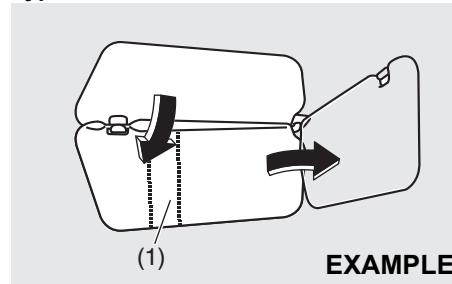
The sun visors can be pulled down to block glare coming through the windshield, or they can be unhooked and turned to the side to block glare coming through the side window.

NOTICE

When unhooking and hooking a sun visor, be sure to handle it by the hard plastic part or the sun visor may get damaged.

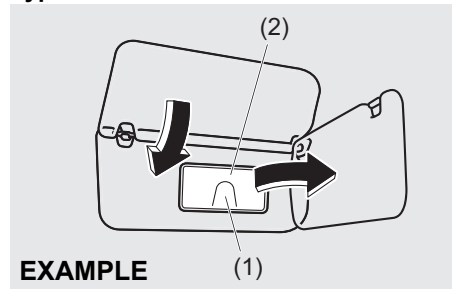
Card holder (if equipped)

Type A



67LH064

Type B



64MS172

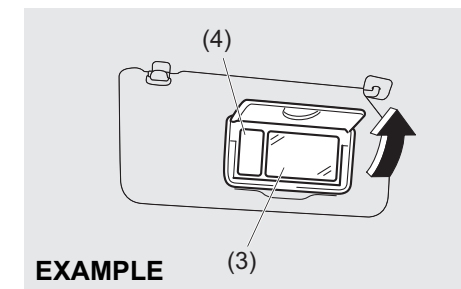
- (1) Card holder
- (2) Mirror cover

You can put a card in the card holder (1) on the back of the sun visor.

NOTICE

When you park your vehicle outdoors in direct sunlight or in hot weather, do not leave plastic cards in the holder. The heat may distort them.

Vanity mirror (if equipped)



64MS076

- (3) Vanity mirror
- (4) Vanity mirror light (if equipped)

To use the vanity mirror (3) on the back of the sun visor, pull up the mirror cover (1).

The vanity mirror light (4) comes on when the mirror cover (1) is opened.

OTHER CONTROLS AND EQUIPMENT

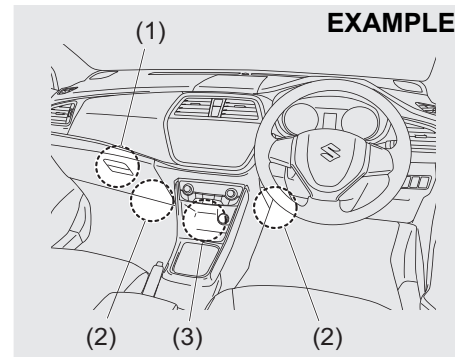
WARNING

- Do not use the vanity mirror while driving otherwise you could lose control of the vehicle.
- When using the vanity mirror, do not move too close to a front air bag location or lean against it. If the front air bag is accidentally inflated, it could hit you hard.
- Do not place any object on the location where an airbag is stored or come close to the location where airbag is stored, when using a vanity mirror. Doing so may cause the airbag to deploy and cause serious injury due to the impact of airbag

NOTICE

If the vanity mirror has the light, do not leave the mirror cover open for a long time, or the battery will get discharged.

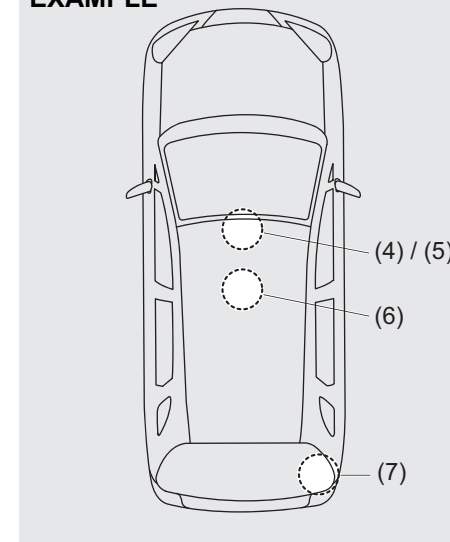
Interior Light



64MS118

- (1) Glove box light (if equipped)
- (2) Footwell lights (if equipped)
- (3) Instrument panel pocket light (if equipped)

EXAMPLE



64MS078

- (4) Front (without overhead console)
- (5) Front (with overhead console)
- (6) Center
- (7) Luggage compartment (if equipped)

OTHER CONTROLS AND EQUIPMENT

Glove Box Light (if equipped) (1)

Refer to "Glove Box" in this section.

Footwell Lights (if equipped) (2)

A footwell light is provided in the leg space in front of each front seat. When any door (including the tailgate) is open, the footwell lights on both sides light automatically.

NOTE:

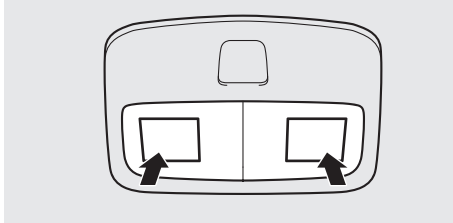
You can change the footwell lights operation via the information display. Refer to "Information Display" in the "BEFORE DRIVING" section.

Instrument Panel Pocket Light (if equipped) (3)

This light comes on when the position lights, tail light and/or the headlights are on.

Front (without overhead console) (4)

EXAMPLE

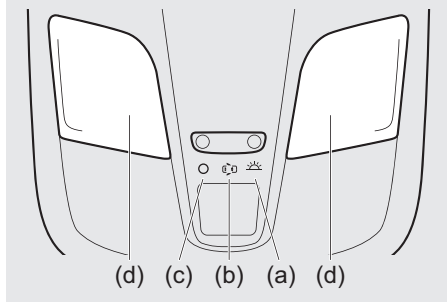


61MM0A205

Push the switch to turn on the light and push it again to turn off the light.

Front (with overhead console) (5)

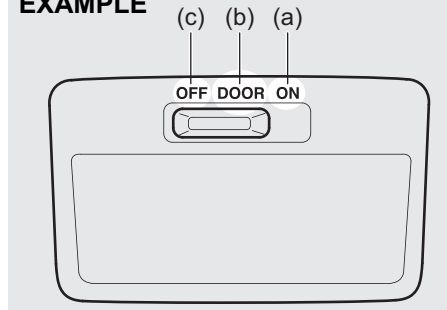
EXAMPLE



64MS119

Center (6)

EXAMPLE



61MM0A107

These light switches have three or four positions with function as described below:

ON (a)

- The light comes on and stays on regardless of whether the door is open or closed.
- To save the battery from discharging, the light will be automatically turned off when a period of 15 minutes has elapsed after the light is on and other features are not done.

DOOR (b)

- The light comes on while any of the doors is opened. After closing all doors, the light will remain on for about 15 seconds and then fade out.
- If all doors are closed, the light comes on for about 15 seconds when the ignition key is pulled out from the ignition switch or the engine switch is pressed to change the ignition mode from "ON" to "LOCK" (OFF). After 15 seconds, the light will fade out.
- To save the battery, the light will be automatically turned off when a period of 15 minutes has elapsed after any of the doors is opened and other operations are not done.

If you perform any of the following procedures before the light fading out, the light will start to fade out immediately.

- Inserting the ignition key into the ignition switch or pressing the engine switch to change the ignition mode to "ACC" or "ON".
- Locking all doors by operating the key, keyless entry transmitter, keyless push

OTHER CONTROLS AND EQUIPMENT

start system remote controller, power door locking switch or request switch.

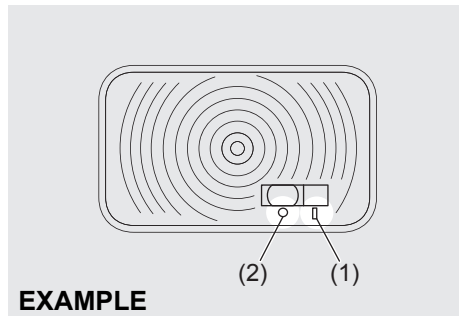
OFF (c)

The light remains off even when the door is opened.

SPOT LIGHT (d)

When the light switch is in the DOOR or OFF position, push the switch to turn on the light and push it again to turn off the light.

Luggage Compartment (if equipped) (7)



When you open the tailgate with the luggage compartment light switch in the ON position (1), the light comes on and remains on as long as you keep the tailgate open.

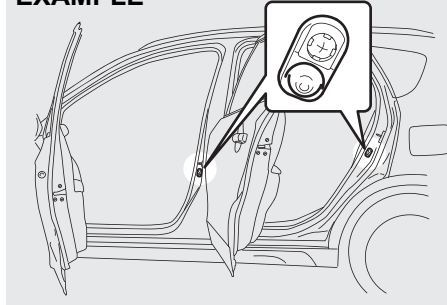
When the luggage compartment light switch is in the OFF position (2), the light

remains off regardless of whether the tailgate is open or close.

NOTICE

Do not leave the tailgate open with the luggage compartment light switch in the ON position for a long time, or the battery will discharge.

EXAMPLE

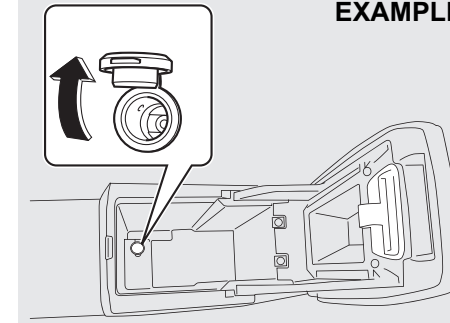


NOTE:

The number of doors involved in the lighting operation of the interior light depends on the vehicle specification. If there is a switch (rubber projection) at the door opening as shown, the door is involved in the lighting operation. The tailgate is also involved in this operation even without the rubber projection.

Accessory Socket

Front armrest console box (if equipped) EXAMPLE

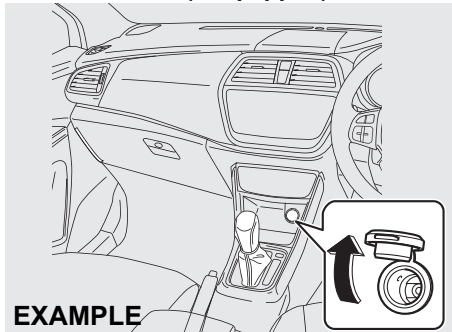


NOTICE

Do not place any objects in front armrest console box which may spill water or liquid. Spilling of liquid on accessory socket can cause damage malfunction of accessory socket.

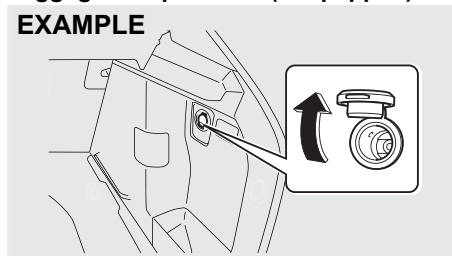
OTHER CONTROLS AND EQUIPMENT

Center console (if equipped)



64MM05014

Luggage compartment (if equipped)



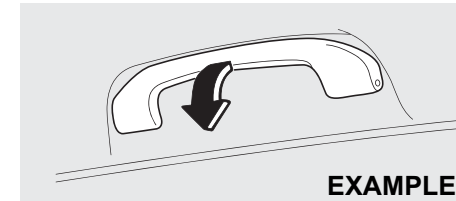
64MS147

The accessory socket will work when the ignition switch is in the "ACC" or "ON" position, or the ignition mode is "ACC" or "ON". Each socket can be used to provide 12 volt/120 watt/10 ampere power for electrical accessories when used alone. Make sure that the cap remains on the socket when the socket is not in use.

NOTICE

- To prevent the fuse from being blown, when using sockets at the same time, do not exceed the total combined power capacity of 12 volt/120 watt/10 ampere.
- Use of inappropriate electrical accessories can cause damage to your vehicle's electrical system. Make sure that any electrical accessories you use are designed to plug into this type of socket.

Assist Grips



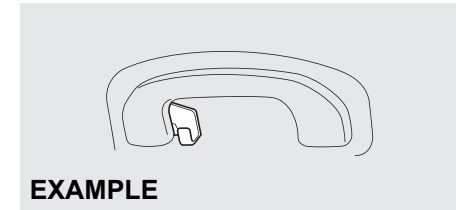
54G249

Assist grips are provided for convenience.

NOTICE

To avoid damaging the assist grip and the molded headlining, do not hang down on the assist grip.

Coat Hooks



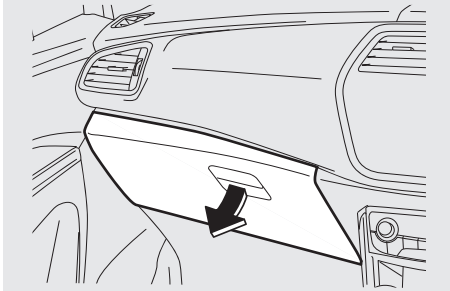
61MM0B025

You can hang clothing on the coat hooks. These hooks are not designed for large or heavy items.

OTHER CONTROLS AND EQUIPMENT

Glove Box

EXAMPLE



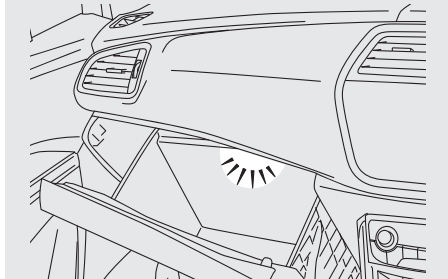
64MS120

To open the glove box, pull the latch lever. To close it, push the lid until it latches securely.

⚠ WARNING

Never drive with the glove box lid open. It could cause injury if an accident occurs.

EXAMPLE

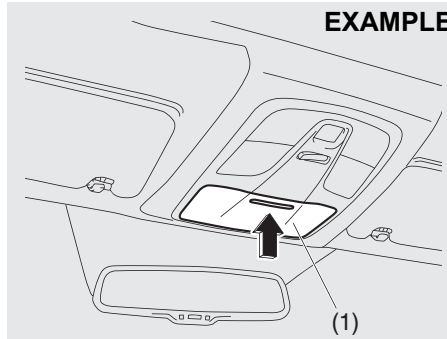


64MS148

The glove box light (if equipped) stays on while the lid is open.

Overhead Console (if equipped)

EXAMPLE



64MS121

Use this stowage to keep small articles.

You can open the lid (1) by pressing the raised portion on it.

⚠ WARNING

- Do not drive with the overhead console lid open, or the articles stowed inside may fall down during braking, acceleration or in the event of a collision. Always close the lid after usage.
- If you park your vehicle outdoors in direct sunlight or in hot weather, the overhead console can get very hot since it is close to the roof. So, when parking in such conditions:
 - Do not leave eyeglasses in the overhead console. The heat may distort plastic lenses or frames.
 - Do not place flammable items, such as a lighter, in the overhead console. The heat may cause a fire.

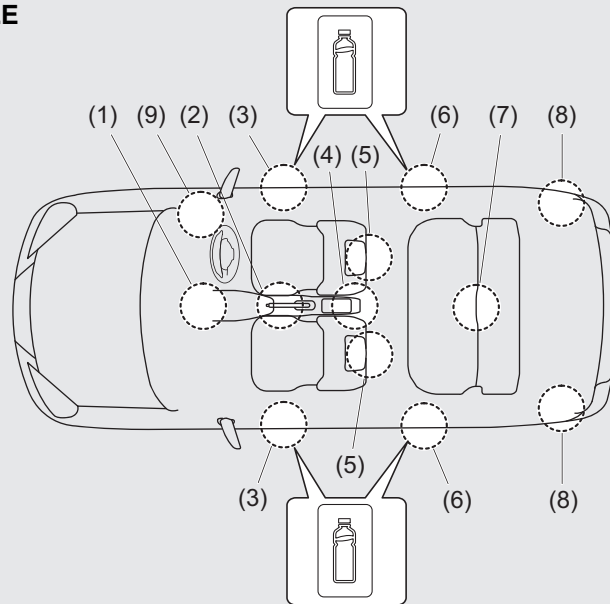
NOTICE

- Do not apply undue force to the lid when closing it. Doing so could break the lid and articles inside.
- Place glasses in a case when stowing them in the overhead console, or the lenses may be damaged.

OTHER CONTROLS AND EQUIPMENT

Cup Holder and Storage Area

EXAMPLE



64MM02008

- | | |
|---|--|
| (1) Instrument panel pocket | (2) Front cup holders |
| (3) Front bottle holder | (4) Front armrest with console box (if equipped) |
| (5) Front seat back pocket | (6) Rear bottle holder |
| (7) Rear armrest with cup holders (if equipped) | (8) Luggage compartment pocket |
| (9) Driver side pocket | |

Instrument Panel Pocket (1) / Driver's Pocket (9)

⚠ WARNING

Do not place any objects which may fall out from the pocket when the vehicle is moving. Failure to take the precaution may result in an object interfering with the pedals and causing a loss of vehicle control or an accident.

Front Cup Holders (2)

⚠ WARNING

Failure to take the precautions listed below could cause personal injury or vehicle damage.

- Be careful when you are using the cup holders to hold a cup containing hot liquid. Spilling out hot liquid can cause burn injury.
- Do not use the cup holders to hold sharp-edged, hard, or breakable objects. Objects in the cup holders may be thrown about during a sudden stop or impact, and could cause personal injury.
- Be careful not to spill liquid or insert any foreign materials into the moving part of the gearshift lever, or any electrical components. Liquid or foreign materials may damage these parts.

OTHER CONTROLS AND EQUIPMENT

Front Bottle Holder (3) / Rear Bottle Holder (6)

Always place the bottle with its cap closed in the bottle holder.

NOTE:

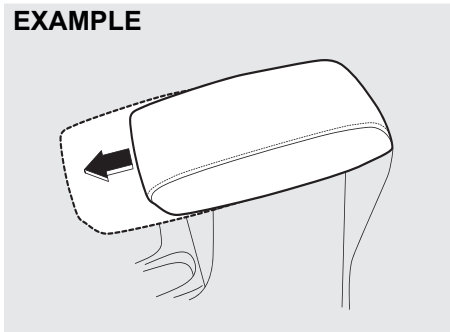
Maruti Suzuki recommends to use maximum 1 liter capacity of bottle.

Front Armrest with Console Box (if equipped) (4)

NOTICE

To avoid damage to the armrest, do not lean on it or allow a child to sit on it.

EXAMPLE

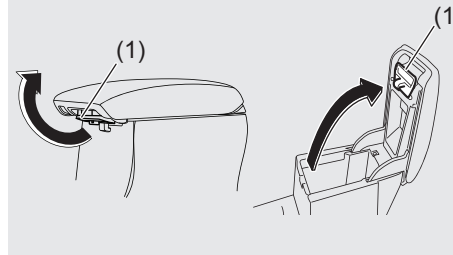


The armrest can be slid forward.

Console box

Use this stowage for keeping small items. Open the compartment by raising the top lid while keeping the lever (1) up.

EXAMPLE

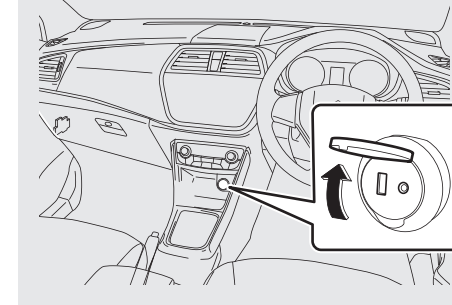


NOTE:

Always close the lid after you put something into or take something out of the box.

AUX/USB socket (if equipped)

EXAMPLE



The AUX/USB socket is provided in the center console.

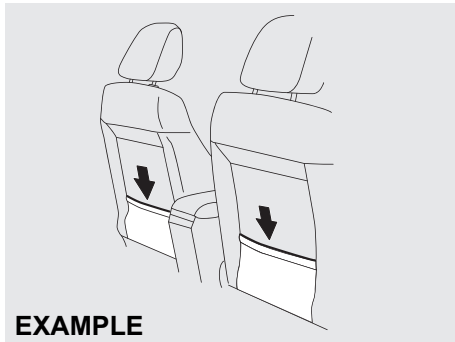
Connect your portable digital music player, etc. to this socket to enjoy music through the vehicle's audio system. Refer to "Audio System (if equipped)" in this section.

⚠ WARNING

Do not pay too much attention to operate AUX/USB socket while driving, an accident may occur.

OTHER CONTROLS AND EQUIPMENT

Front Seat Back Pocket (5)



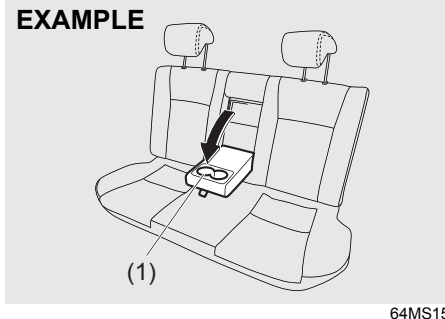
64MS083

This pocket is provided for holding light and soft things such as gloves, newspapers or magazines.

CAUTION

Do not put hard or breakable objects in the pocket. If an accident occurs, objects such as bottles, cans, etc. can injure the occupants in the rear seat.

Rear Armrest with Cup Holders (if equipped) (7)



64MS158

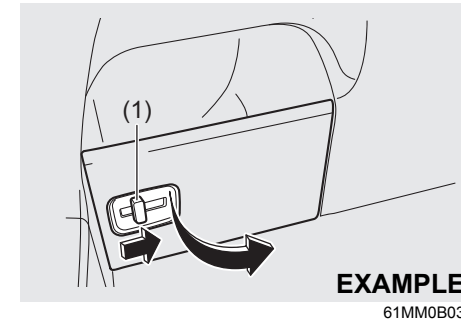
(1) Cup holders

The rear armrest is stowed in the center of the seatback. Tilt it down forward to use.

WARNING

- If the seat belt is obstructed by any part of the armrest when fastened, it cannot provide the intended protection. After fastening the seat belt, always check that the armrest is not interfering with the belt.
- In an accident or sudden stop, the rear seat armrest could fall forward. If there is a child in a rear-facing child restraint in the rear center seating position, the falling armrest could injure the child. Do not install a rear-facing child restraint in the rear center seating position.

Luggage Compartment Pocket (8)

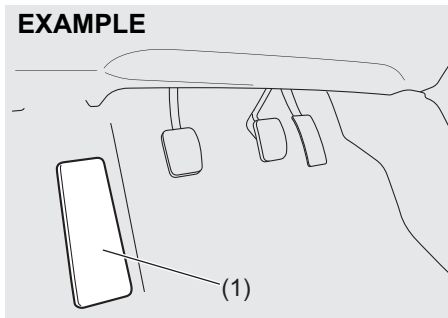


61MM0B034

To open the lid, slide the lever (1) and pull the lid.

OTHER CONTROLS AND EQUIPMENT

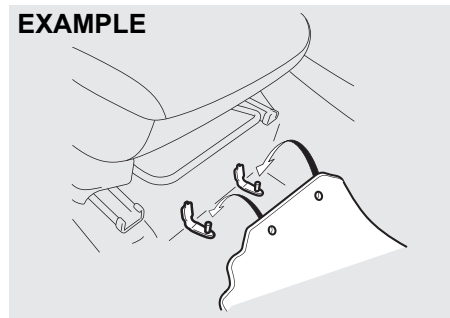
Footrest (if equipped)



58MST0509

Use the footrest (1) (for driver side only) as a support for your left foot only.

Floor Mats



64MS085

To prevent the driver's side floor mat from sliding forward and possibly interfering with the operation of the pedals, MARUTI genuine floor mats are recommended.

Whenever you put the driver's side floor mat back in the vehicle after it has been removed, be sure to hook the floor mat grommets to the fasteners and position the floor mat properly in the footwell.

When you replace the floor mats in your vehicle with a different type such as all-weather floor mats, we highly recommend to use MARUTI genuine floor mats for proper fitting.

WARNING

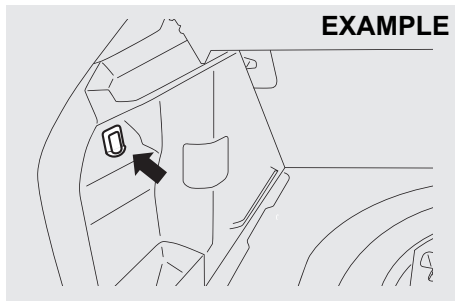
Failure to take the following precautions may result in the driver's side floor mat interfering with the pedals and causing a loss of vehicle control or an accident.

- Make sure that the floor mat grommets are hooked to the fasteners.
- Never place additional floor mats on top of the existing floor mat.
- Never use a floor mat which does not fit the floor as the same may cause hindrance/damage in vehicle and its functioning.
- Never use damaged floor mats.

OTHER CONTROLS AND EQUIPMENT

Luggage Compartment Hooks

Shopping Hook



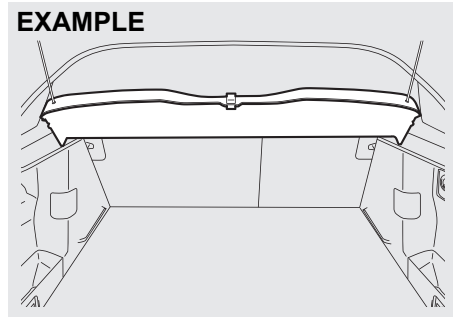
64MS086

You can hang the shopping bag or other suitable objects on the hook. This hook is not designed for large or heavy items.

NOTICE

To avoid breaking the hook, do not hang items heavier than following weight.
Shopping hook: 2 kg (4.4 lbs)

Luggage Compartment Cover (if equipped)



64MS087

Luggage or other cargo placed in the luggage compartment is hidden from view by a luggage compartment cover.

⚠ WARNING

Do not carry items on top of the luggage compartment cover, even if they are small and light. Objects on top of the cover could be thrown out in an accident, causing injury, or could obstruct the driver's rear view.

NOTICE

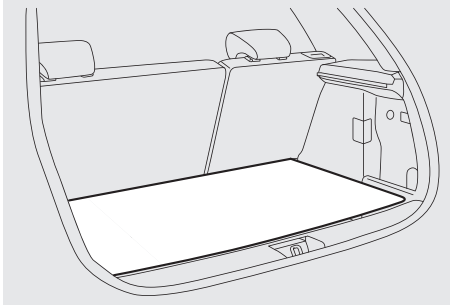
To avoid damaging the luggage compartment cover:

- Do not push down on it or lean on it.
- Handle it carefully when installing or removing.

OTHER CONTROLS AND EQUIPMENT

Luggage Compartment Board

EXAMPLE



64MS088

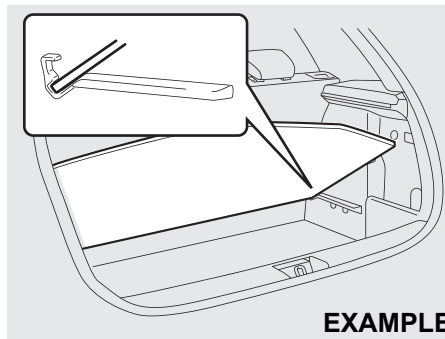
Your vehicle is equipped with the luggage compartment board in the luggage compartment. You can place luggage or other cargo on the board or under the board. You can also place tall luggage by removing the board from the luggage compartment.

WARNING

Objects that extend higher than the luggage compartment cover (if equipped) can obstruct the driver's rear view, which can cause an accident. These objects can also become damaged or can damage the tailgate. Do not carry items that extend higher than the luggage compartment cover.

CAUTION

If you are not careful when handling the luggage board, you could be injured. Handle the luggage board carefully when removing or installing it.



EXAMPLE

61MM0B036

The luggage compartment board can be held open as shown in the illustration.

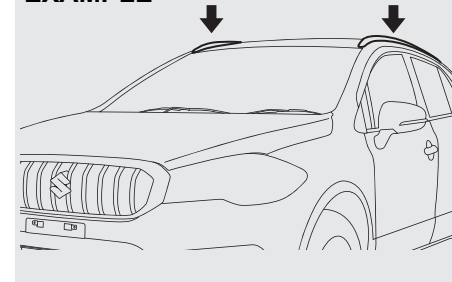
NOTICE

Do not apply undue force to the board which is held open, and do not hold open the board while driving. Doing so could break the board or the interior.

Roof Rails or Roof Rack Anchors (if equipped)

Roof rails

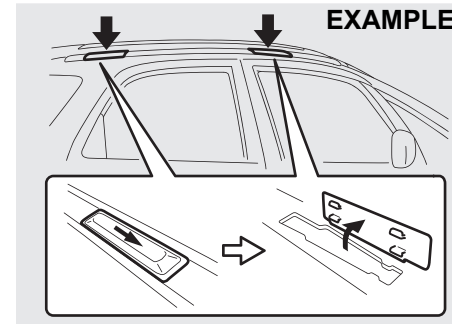
EXAMPLE



64MM05005

Roof rack anchors

EXAMPLE



80J082

You can use the roof rails or the roof rack anchors to attach the optional roof rack

OTHER CONTROLS AND EQUIPMENT

which is available at your Maruti Suzuki authorised workshop. If you use a roof rack, observe the instructions and precautions in this section and provided with the roof rack.

- Make sure the roof rack is securely installed.
- Do not mount cargo directly on the roof panel. The cargo can damage the roof panel.
- The gross weight of the roof rack plus cargo must not exceed the loading capacity.
 - Roof rails: 40 kg (88 lbs)
 - Roof rack anchors: 40 kg (88 lbs)

Also, do not let the gross vehicle weight (fully loaded vehicle including driver, passengers, cargo, roof load and trailer tongue weight) exceed the Gross Vehicle Weight Rating (GVWR) listed in the "SPECIFICATIONS" section of this manual.

- Mount and secure the cargo onto the roof rack properly according to the instructions provided. Be sure to stow the heaviest items at the bottom and distribute the cargo as evenly as possible.
- Do not carry items so large that they hang over the bumpers or the sides of the vehicle, or block your view.
- Secure the front and rear ends of long items – such as wood panels, surfboards and so forth – to both the front and rear of the vehicle. You should protect the painted surfaces of the vehicle from scuffing caused by tie-down ropes.

- Check periodically to make sure the roof rack is securely installed and free from damage.
- For vehicles with roof rack anchors, make sure the anchors are covered with the caps when not in use.

WARNING

- **Abrupt maneuvers or failure to properly secure cargo can allow the cargo to fly off the vehicle and hit others, causing personal injury or property damage.**
- **Mount cargo securely and avoid abrupt maneuvers such as jackrabbit starts, sharp turns, fast cornering and sudden braking. Check periodically to make sure that cargo is securely fastened.**
- **Large, bulky, long, or flat items can affect vehicle aerodynamics or be caught by the wind, and can reduce vehicle control resulting in an accident and personal injury. Drive cautiously at a safely reduced speed when carrying this type of cargo.**

Frame Hooks

It is not recommended to use the frame hooks for towing another vehicle. Your vehicle was originally designed to be towed on the road in case of emergency towing. If your vehicle needs to be towed in an emergency, refer to "Towing" in "EMERGENCY SERVICE" section.

WARNING

Observe the following instructions when using frame hooks. The towing hook or vehicle body may break and cause serious injury or damage.

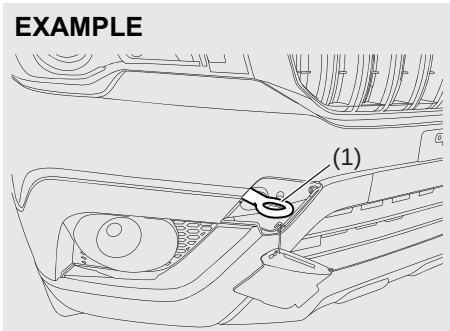
- **Do not use the frame hooks for towing another vehicle.**
- **Avoid pulling the vehicle to get out of severe snowy, muddy or sandy conditions, sudden starts or erratic driving maneuvers which could cause excessive stress on the towing hook.**

In such case, we recommend that you contact professional services.

OTHER CONTROLS AND EQUIPMENT

Front

EXAMPLE

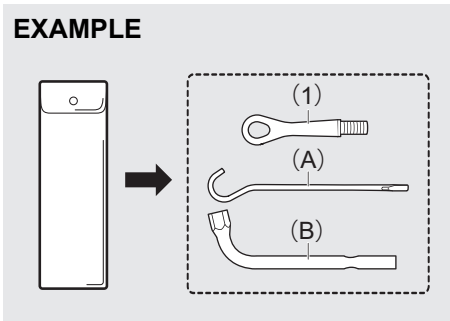


64MM05006

The towing hook (1) is provided on the front of the vehicle for use in emergency situations only.

To install the hook (1), follow the procedure below.

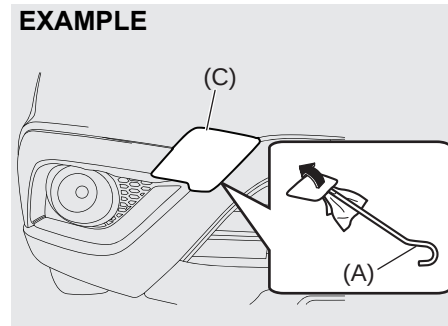
EXAMPLE



56RM05011

- 1) Pick up the towing hook (1), jack handle (A) and wheel brace (B) stowed in the luggage compartment.

EXAMPLE



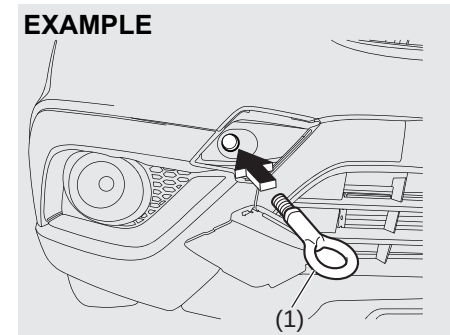
64MM05007

- 2) Remove the cover on front bumper (C) by using a jack handle (A) covered with a soft cloth as shown in the illustration.

NOTE:

Do not use excessive force as it may damage the cover strap.

EXAMPLE



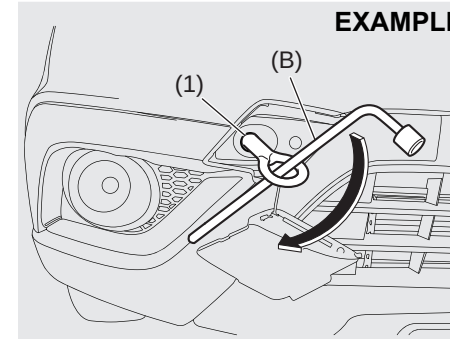
64MM05008

- 3) Screw the towing hook (1) by hand.

NOTE:

We recommend to fasten the cover with tape to prevent damage during towing.

EXAMPLE



64MM05009

OTHER CONTROLS AND EQUIPMENT

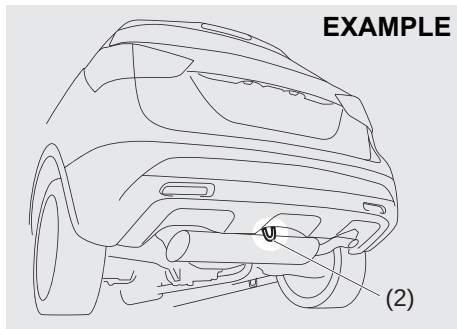
- 4) To tighten the towing hook (1), turn it clockwise by using a wheel brace (B) until the hook (1) is securely installed.

To remove the towing hook (1), reverse the procedure used to install the towing hook.

NOTICE

To prevent damage to the vehicle, never use the towing hook (1) for trailer / train shipping and sea shipping purposes.

Rear



64MS140

The frame hook (2) is provided on the rear of the vehicle for use in emergency situations and sea shipping purposes only.

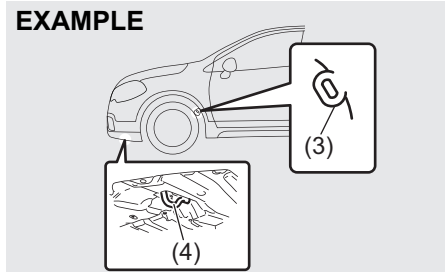
NOTICE

When you use the frame hook (2), avoid driving that gives significant physical shock on hook. Such operation can damage the hook, the vehicle body or the drive system.

- Do not accelerate suddenly.
- Do not tow the vehicle heavier than your vehicle.

Other Hooks

EXAMPLE



64MM05011

The hooks (3) are provided for trailer/train shipping purposes only. The hooks (4) are provided for sea shipping purpose only.

⚠ WARNING

Do not use the hooks (3) and (4) for towing purpose. These hooks may break and cause serious injury or damage.

OTHER CONTROLS AND EQUIPMENT

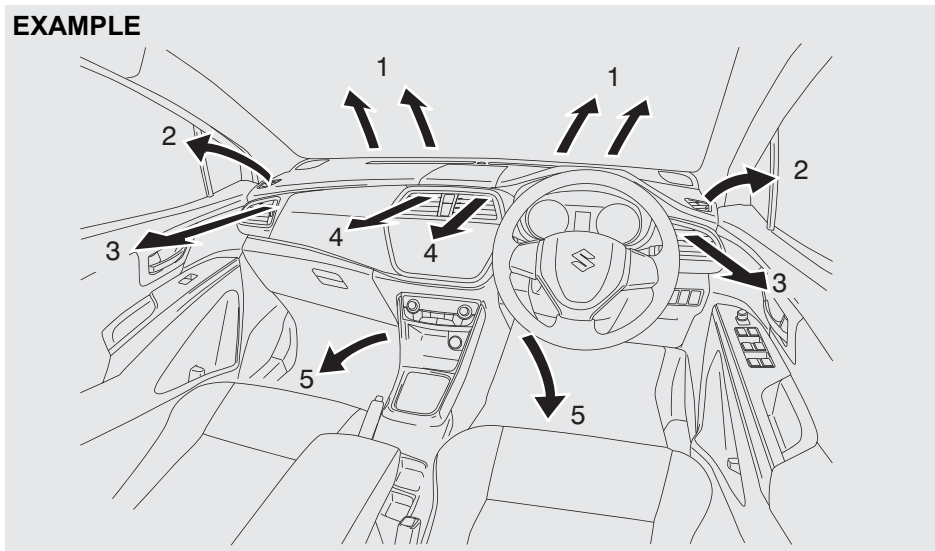
Heating and Air Conditioning System

There are two types of heating and air conditioning systems as follows:

- Manual Heating and Air Conditioning System
- Automatic Heating and Air Conditioning System (Climate Control)

Air Outlet

EXAMPLE

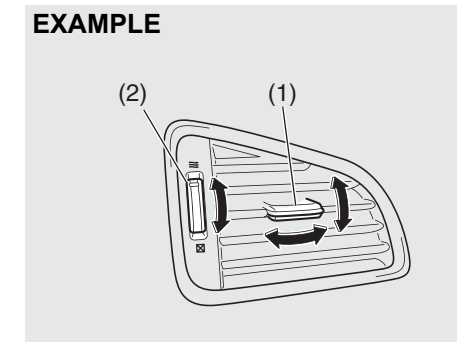


64MM05010

1. Windshield defroster outlet
2. Side defroster outlet
3. Side outlet
4. Center outlet
5. Floor outlet

Side outlet

EXAMPLE

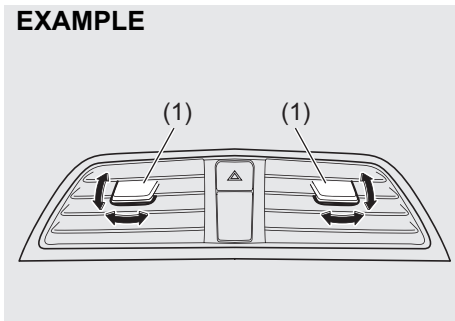


60M0014

Move the knob (1) vertically or horizontally, to adjust the direction of airflow as desired. The side outlet opens when you turn the dial (2) upward and close when you turn it downward.

OTHER CONTROLS AND EQUIPMENT

Center outlet EXAMPLE



61MM0B047

Move the knob (1) vertically or horizontally to adjust the direction of airflow as desired.

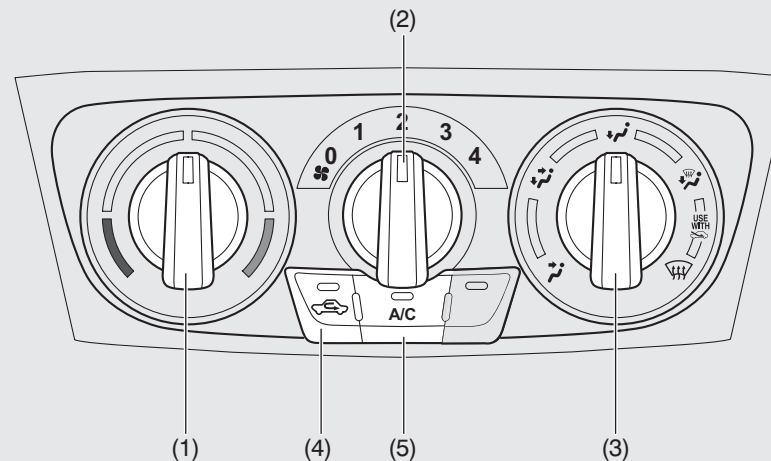
CAUTION

Prolonged exposure to hot air from the heater or air conditioner could result in low temperature burns. All vehicle occupants, particularly children, the elderly, those with special needs, individuals with delicate skin, and sleeping individuals, should maintain sufficient distance from the air outlets to prevent prolonged exposure to hot airflow.

Manual Heating and Air Conditioning System

Description of Controls

EXAMPLE



61MM0A018

- (1) Temperature selector
- (2) Blower speed selector
- (3) Air flow selector
- (4) Air intake selector
- (5) Air conditioning ("A/C") switch

OTHER CONTROLS AND EQUIPMENT

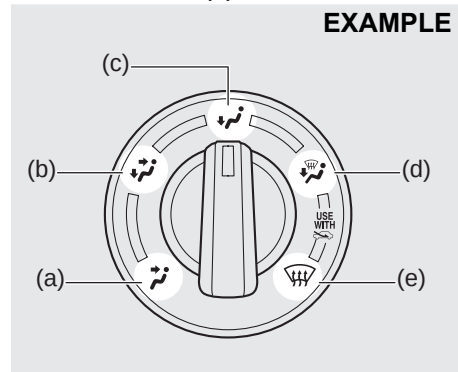
Temperature selector (1)

This is used to select the temperature by turning the selector.

Blower speed selector (2)

This is used to turn on the blower and to select blower speed by turning the selector.

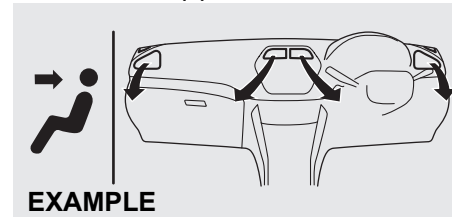
Air flow selector (3)



61MM0A019

This is used to select one of the functions described below.

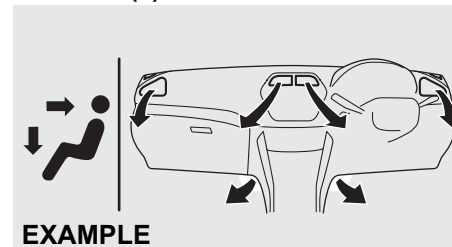
VENTILATION (a)



61M0100

Temperature-controlled air comes out of the center and side air outlets.

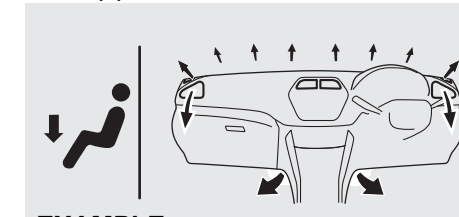
BI-LEVEL (b)



61M0101

Temperature-controlled air comes out of the floor outlets and cooler air comes out of the center and side outlets. When the temperature selector (1) is in the fully COLD position or fully HOT position, however, the air from the floor outlets and the air from the center and side outlets will be the same temperature.

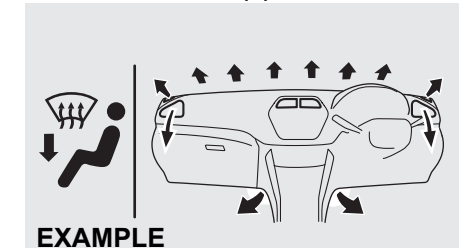
HEAT (c)



61M0102

Temperature-controlled air comes out of the floor outlets and the side outlets, also comes out of the windshield defroster outlets and also comes slightly out of the side defroster outlets.

HEAT & DEFROST (d)

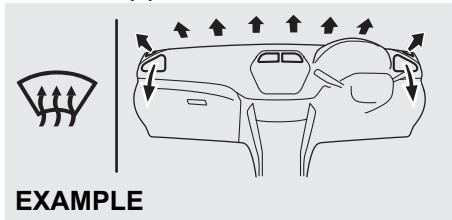


64MS036

Temperature-controlled air comes out of the floor outlets, the windshield defroster outlets, the side defroster outlets and the side outlets.

OTHER CONTROLS AND EQUIPMENT

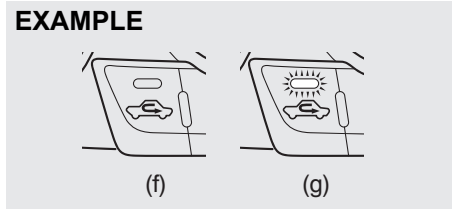
DEFROST (e)



64MS090

Temperature-controlled air comes out of the windshield defroster outlets, the side defroster outlets and the side outlets.

Air intake selector (4)



61MM0A020

This selector is used to select the following modes.

FRESH AIR (f)

When this mode is selected, the indicator light will go off and outside air is primarily circulated inside the cabin.

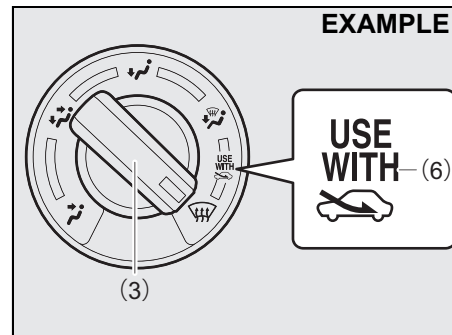
RECIRCULATED AIR (g)

When this mode is selected, the indicator light will come on, outside air is shut out and inside air is recirculated. This mode is suitable when driving through dusty or polluted air such as in a tunnel, or when attempting to quickly cool down the interior or to reduce unwanted odor from entering the vehicle.

The FRESH AIR and RECIRCULATED AIR are switched alternately each time the air intake selector is pushed.

NOTE:

If you select the RECIRCULATED AIR position (g) for an extended period of time, the air in the vehicle may become contaminated. Therefore, you should occasionally select the FRESH AIR.



64MM05013

The mark of "USE WITH" (6) To clear fog on the windshield and/or the side windows quickly, set the air flow selector (3) to HEAT & DEFROST or DEFROST and air intake selector (4) to FRESH AIR. These positioning will clear the fogged windshield and/or the side windows faster than the RECIRCULATED AIR.

Air conditioning ("A/C") switch (5)

To turn on the air conditioning system, set the blower speed selector to the desired blower speed position and push in the "A/C" switch (5). With the air conditioning switch operation, a indicator light will come on when the air conditioning system is on. To turn off the air conditioning system, push the "A/C" switch again.

During operation of the air conditioner, you may notice slight changes in engine speed. These changes are normal, the system is designed so that the compressor turns on or off to maintain the desired temperature.

Less operation of the compressor results in better fuel economy.

OTHER CONTROLS AND EQUIPMENT

System Operating Instructions

Natural ventilation

Select the VENTILATION and FRESH AIR, the temperature selector to the desired temperature position, and turn off the blower. Fresh air will flow through the vehicle during driving.

Forced ventilation

The control settings are the same as for natural ventilation except turning the blower speed selector to turn on the blower.

Normal heating (using outside air)

Select the HEAT and FRESH AIR, the temperature selector to the desired temperature position and the blower speed selector to the desired blower speed position. Setting the blower speed selector to a higher blower speed position increases heating efficiency.

Quick heating (using recirculated air)

The control settings are the same as for normal heating except selecting the RECIRCULATED AIR. If you use this heating method for an extended period of time, the air in the vehicle may become contaminated and the windows can become misty. Therefore, use this method only for quick heating and change to the normal heating method as soon as possible.

Head cooled/Feet warmed heating

Select the BI-LEVEL and FRESH AIR, the temperature selector to the desired temperature position, and the blower speed selector to the desired blower speed position. Unless the temperature selector is in the fully COLD position or fully HOT position, the air that comes out of the center and side outlets will be cooler than the air that comes out of the floor outlets.

Normal cooling

Set the air flow selector to the VENTILATION, the temperature selector to the desired temperature position and the blower speed selector to the desired blower speed position, and push in the "A/C" switch to turn on the air conditioning system. Setting the blower speed selector to a higher blower speed position increases cooling efficiency.

You can switch the air intake selector to either the FRESH AIR or RECIRCULATED AIR as you desire. Choosing the RECIRCULATED AIR increases cooling efficiency.

Quick cooling (using recirculated air)

The control settings are the same as for normal cooling except selecting the RECIRCULATED AIR and the highest blower speed.

NOTE:

- If you select the RECIRCULATED AIR for an extended period of time, the air in the vehicle may become contaminated.

Therefore, you should occasionally select the FRESH AIR.

- If your vehicle has been left in the sun with the windows closed, it will cool faster if you open the windows briefly while you operate the air conditioner with the air intake selector at the FRESH AIR and the blower at high speed.

Dehumidifying

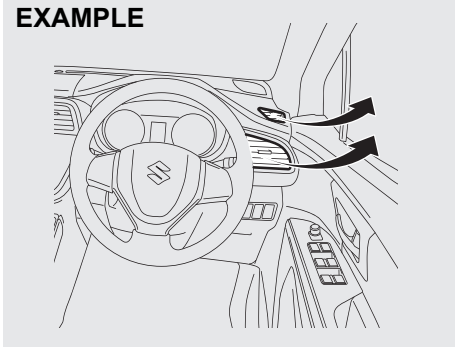
Set the air flow selector to a desired air flow selector position, the temperature selector to the desired temperature position and the blower speed selector to the desired blower speed position. Also select the FRESH AIR and push in the "A/C" switch to turn on the air conditioning system.

NOTE:

Because the air conditioner dehumidifies the air, turning it on will help keep the windows clear, even when blowing heated air using the DEFROST or HEAT & DEFROST functions.

OTHER CONTROLS AND EQUIPMENT

EXAMPLE



64MS091

NOTE:

If you need maximum defrosting:

- *select the DEFROST and FRESH AIR,*
- *set the blower speed selector to HIGH,*
- *adjust the temperature selector to the HOT end,*
- *push in the "A/C" switch, and*
- *adjust the side outlets so the air blows on the side windows.*

During operation of ENG A-STOP system

- If the air conditioning performance can no longer perform at a sufficient level due to automatically stopping the engine, press the ENG A-STOP OFF switch to deactivate the ENG A-STOP system. (The engine will automatically restart and the air conditioning performance will be restored.)
- If the windshield and/or the driver's side/passenger side door windows are fogged during automatically stopping the engine, stop the ENG A-STOP system and restart the engine. Then, turn the Air flow selector (3) to change the air flow to the HEAT & DEFROST or DEFROST to defog the windows.

Maintenance

If you do not use the air conditioner for a long period, such as during winter, it may not give the best performance when you start using it again. To help maintain optimum performance and durability of your air conditioner, it needs to be run periodically. Operate the air conditioner at least once a month for one minute with the engine idling. This circulates the refrigerant and oil and helps protect the internal components.

If your air conditioner is equipped with air filters, clean or replace them as specified in the "Maintenance Schedule" in the "INSPECTION AND MAINTENANCE" section.

NOTE:

Your vehicle uses the air conditioning refrigerant HFC-134a, commonly called "R-134a". R-134a replaced R-12 around 1993 for automotive applications. Other refrigerants are available, including recycled R-12, but only R-134a should be used in your vehicle.

NOTICE

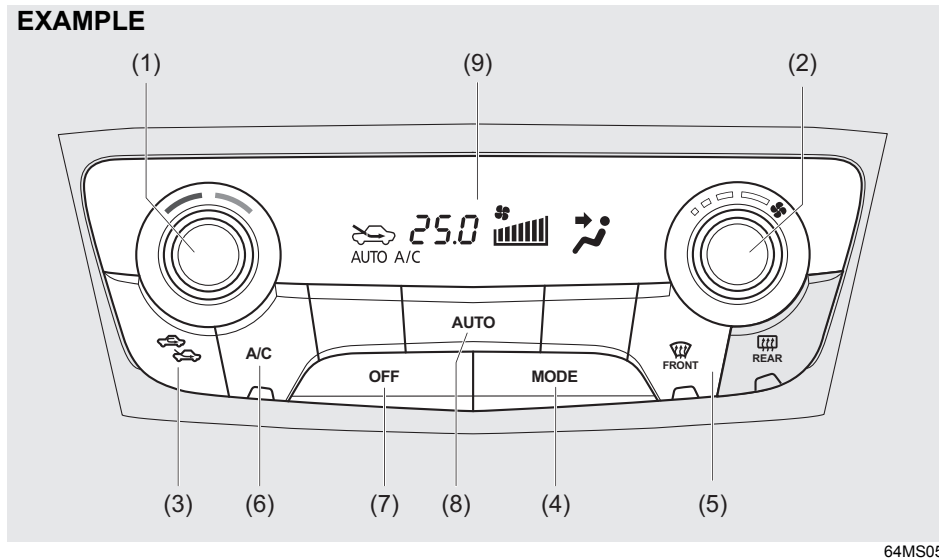
Using the wrong refrigerant may damage your air conditioning system. Use R-134a only. Do not mix or replace the R-134a with other refrigerants.

OTHER CONTROLS AND EQUIPMENT

Automatic Heating and Air Conditioning System (Climate Control)

Description of Controls

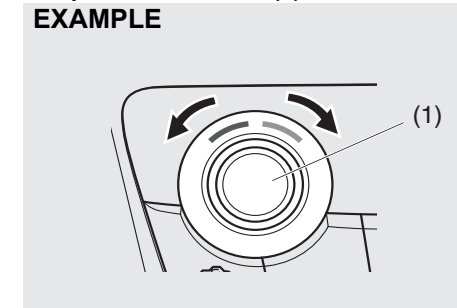
EXAMPLE



- (1) Temperature selector
- (2) Blower speed selector
- (3) Air intake selector
- (4) Air flow selector ("MODE") switch
- (5) Defrost switch
- (6) Air conditioning ("A/C") switch
- (7) "OFF" switch
- (8) "AUTO" switch
- (9) Display

Temperature selector (1)

EXAMPLE



64MS051

Turn the temperature selector (1) to adjust the temperature. The display (9) shows the selected temperature.

NOTE:

If you turn the temperature selector (1) until "HI" or "LO" appears on the display, the climate control system will operate at maximum heating or cooling. The temperature of the air from the outlets may change suddenly while "LO" or "HI" is displayed, but this is normal.

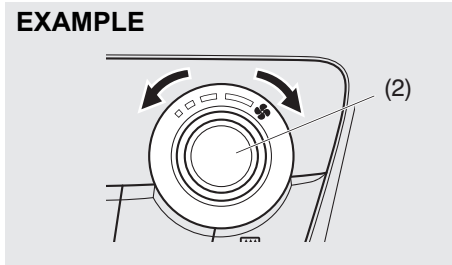
NOTE:

When you change the units of temperature in the information display, the automatic heating and air conditioning system temperature display units will be changed automatically. Refer to "Information Display" in the "BEFORE DRIVING" section for details.

OTHER CONTROLS AND EQUIPMENT

Blower speed selector (2)

EXAMPLE



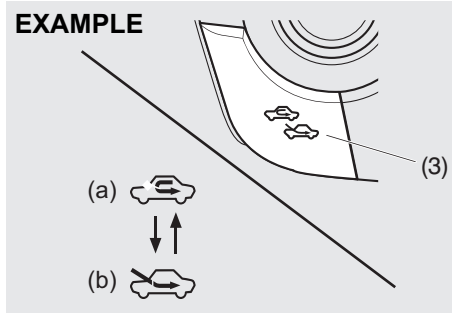
64MS052

The blower speed selector (2) is used to turn on the blower and to select blower speed.

If the "AUTO" switch (8) is pushed, the blower speed will vary automatically as the climate control system maintains the selected temperature.

Air intake selector (3)

EXAMPLE



64MS053

Push the air intake selector (3) to change between the following modes.

If the "AUTO" switch (8) is pushed, the air intake will vary automatically as the climate control system maintains the selected temperature.

NOTE:

When you select the recirculated air mode, the automatic operation system is deactivated if you push the "AUTO" switch (8).

RECIRCULATED AIR (a)

This mode is suitable when driving through dusty or polluted air such as a tunnel, or when attempting to quickly cool down the vehicle or to reduce unwanted odor from entering the vehicle.

FRESH AIR (b)

When this mode is selected, outside air is introduced.

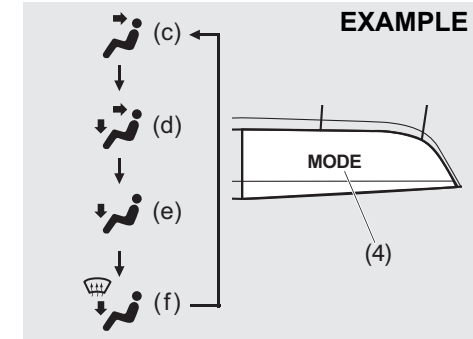
The FRESH AIR and RECIRCULATED AIR are selected alternately each time the air intake selector is pushed.

NOTE:

If you select the RECIRCULATED AIR position (a) for an extended period of time, the air in the vehicle may become contaminated. Therefore, you should occasionally select the FRESH AIR.

Air flow selector ("MODE") switch (4)

EXAMPLE



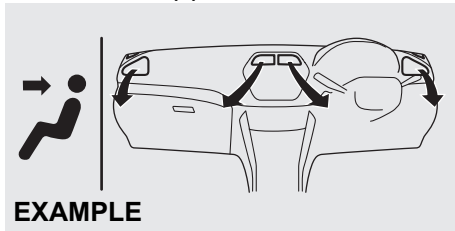
64MS054

Push the "MODE" switch (4) to change among the following functions. The indication of the selected mode appears on the display.

If the "AUTO" switch (8) is pushed, the air flow will vary automatically as the climate control system maintains the selected temperature.

OTHER CONTROLS AND EQUIPMENT

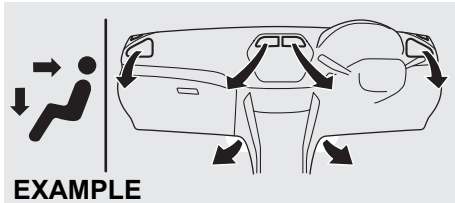
VENTILATION (c)



61M0100

Temperature-controlled air comes out of the center and side outlets.

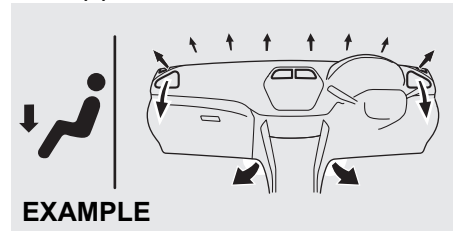
BI-LEVEL (d)



61M0101

Temperature-controlled air comes out of the floor outlets and cooler air comes out of the center and side outlets. When the temperature selector (1) is in the fully cold position or fully hot position, however, the air from the floor outlets and the air from the center and side outlets will be the same temperature.

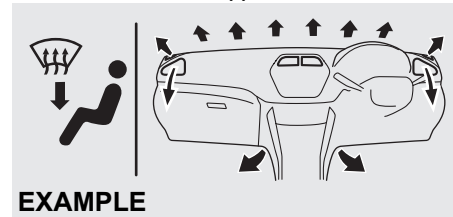
HEAT (e)



61M0102

Temperature-controlled air comes out of the floor outlets, also comes out of the windshield defroster outlets and also comes slightly out of the side defroster outlets and the side outlets.

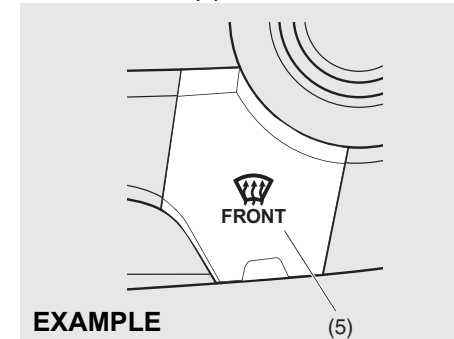
HEAT & DEFROST (f)



61M0103

Temperature-controlled air comes out of the floor outlets, the windshield defroster outlets, the side defroster outlets and the side outlets.

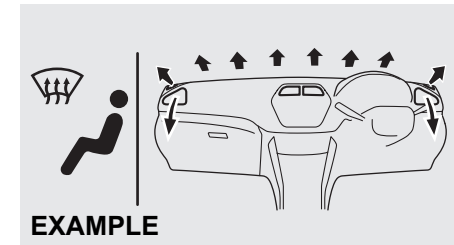
Defrost switch (5)



64MS038

Push the defrost switch (5) to turn on the defroster.

DEFROST



61M0106

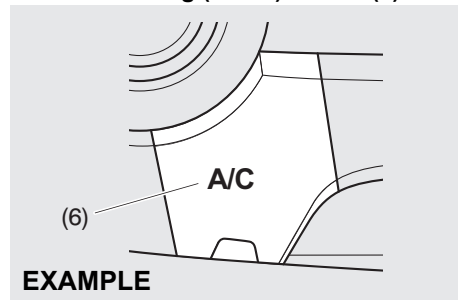
Temperature-controlled air comes out of the windshield defroster outlets, the side defroster outlets and the side outlets.

OTHER CONTROLS AND EQUIPMENT

NOTE:

When you push the defrost switch (5), the fresh air position (b) will be automatically selected and the air conditioning switch will automatically turn on ("A/C" will appear on the display). In cold weather, air flows out of the defroster outlets but the air conditioning does not turn on even though the A/C indicator comes on as well as the defrost indicator.

Air conditioning ("A/C") switch (6)



64MS055

The "A/C" switch (6) is used to turn on and off the air conditioning system only when the blower is on. To turn on the air conditioning system, push in the switch and "A/C" will appear on the display. To turn off the air conditioning system, push in the switch again and "A/C" will go off.

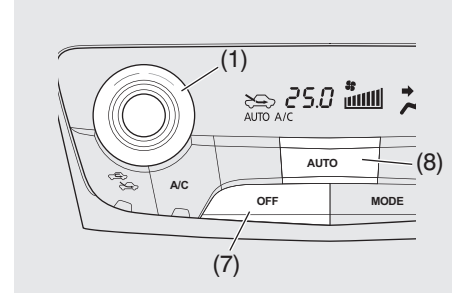
You can use the "A/C" switch (6) to manually turn the air conditioner on or off according to your preference. When you turn the air conditioning switch off, the climate control

system cannot lower the inside temperature below outside temperature.

System Operating Instructions

Automatic operation

EXAMPLE



64MM05012

You can let the climate control system work automatically. To set the system for fully-automatic operation, follow the procedure below.

- 1) Start the engine.
- 2) Push the "AUTO" switch (8).
- 3) Set the desired temperature by turning the temperature selector (1).

The blower speed, air intake and air flow are controlled automatically to maintain the set temperature. However, the air flow is not changed to the DEFROST position automatically.

To turn the climate control system off, push the "OFF" switch (7).

NOTE:

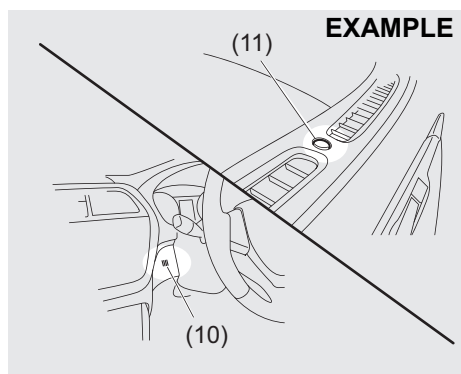
If "AUTO" in the display blinks, there is a problem in the heating system and/or air conditioning system. You should have the system inspected by a Maruti Suzuki authorised workshop.

NOTE:

- To find the temperature at which you are most comfortable, start with the 25°C (75°F) setting, for example.
- If you turn the temperature selector (1) until "HI" or "LO" appears on the display, the climate control system will operate at maximum heating or cooling and blower will run at full speed.
- To avoid blowing cold air in cold weather or hot air in hot weather, the system will delay turning on the blower until warmed or chilled air is available.
- If your vehicle has been left in the sun with the windows closed, it will cool faster if you open the windows briefly.
- Even under automatic operation, you can set individual selectors to the manual mode. The manually selected functions are maintained, and the other functions remain under automatic operation.
- If the windshield and/or the front door windows are fogged, push the defrost switch (5) to turn on the defroster, or push the "MODE" switch (4) to change the air flow to the HEAT & DEFROST position to defog the windows.

OTHER CONTROLS AND EQUIPMENT

- To return the blower speed selector (2), air intake selector (3), and air flow selector (4) to automatic operation, push the "AUTO" switch (8).

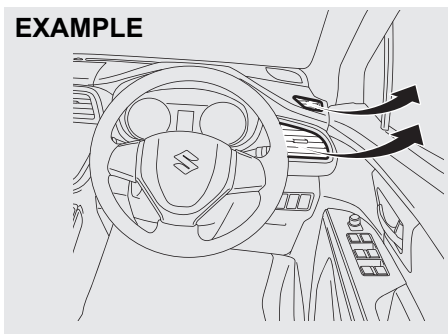


Be careful not to cover the interior temperature sensor (10) located between the steering wheel and the climate control panel, or the solar sensor (11) located at the top of the central part of the dashboard. These sensors are used by the automatic system to regulate temperature.

Manual operation

You can manually control the climate control system. Set the selectors to the desired positions.

EXAMPLE



NOTE:

If you need maximum defrosting:

- push the DEFROST switch to turn on the defroster (the air conditioning system will come on and the FRESH AIR mode will be selected automatically),
- set the blower speed selector to HIGH,
- adjust the temperature selector to the "HI" indication on the display, and
- adjust the side outlets so the air blows on the side windows.

During operation of ENG A-STOP system

- If the air conditioning performance can no longer perform at a sufficient level due to automatically stopping the engine, press the ENG A-STOP OFF switch to deactivate the ENG A-STOP system. (The engine will automatically restart and the air conditioning performance will be restored.)
- If the windshield and/or the driver's side/passenger side door windows are fogged during automatically stopping the engine, stop the ENG A-STOP system and restart the engine. Then, turn the Air flow selector (3) to change the air flow to the HEAT & DEFROST or DEFROST to defog the windows.

Maintenance

If you do not use the air conditioner for a long period, such as during winter, it may not give the best performance when you start using it again. To help maintain optimum performance and durability of your air conditioner, it needs to be run periodically. Operate the air conditioner at least once a month for one minute with the engine idling. This circulates the refrigerant and oil and helps protect the internal components.

If your air conditioner is equipped with air filters, clean or replace them as specified in the "Maintenance Schedule" in the "INSPECTION AND MAINTENANCE" section. Have this job done by a Maruti Suzuki

OTHER CONTROLS AND EQUIPMENT

authorised workshop as the glove box must be lowered for this job.

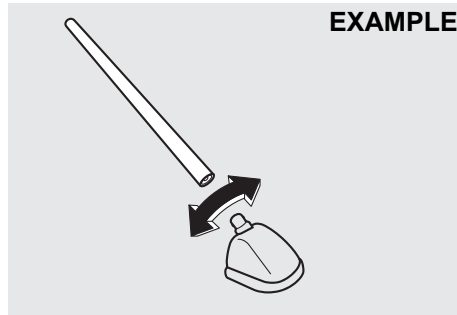
NOTE:

Your vehicle uses the air conditioning refrigerant HFC-134a, commonly called "R-134a". R-134a replaced R-12 around 1993 for automotive applications. Other refrigerants are available, including recycled R-12, but only R-134a should be used in your vehicle.

NOTICE

Using the wrong refrigerant may damage your air conditioning system. Use R-134a only. Do not mix or replace the R-134a with other refrigerants.

Radio Antenna



63J055

The radio antenna on the roof is removable. To remove the antenna, turn it counterclockwise. To reinstall the antenna, turn it clockwise firmly by hand.

NOTICE

To avoid damage to the radio antenna:

- Remove the antenna when using an automatic car wash.
- Remove the antenna when the antenna hits anything such as a low ceiling in a parking garage or putting a car cover over your vehicle.

Installation of Radio Frequency Transmitters

We recommend that you always ask a Maruti Suzuki authorised workshop about frequency band, max output power, antenna position at vehicle and specific conditions for installation and/or use before installing a radio transmitter in your vehicle. Such equipments may cause the electronic control system to malfunction if they are incorrectly installed or they are not suited for the vehicle.

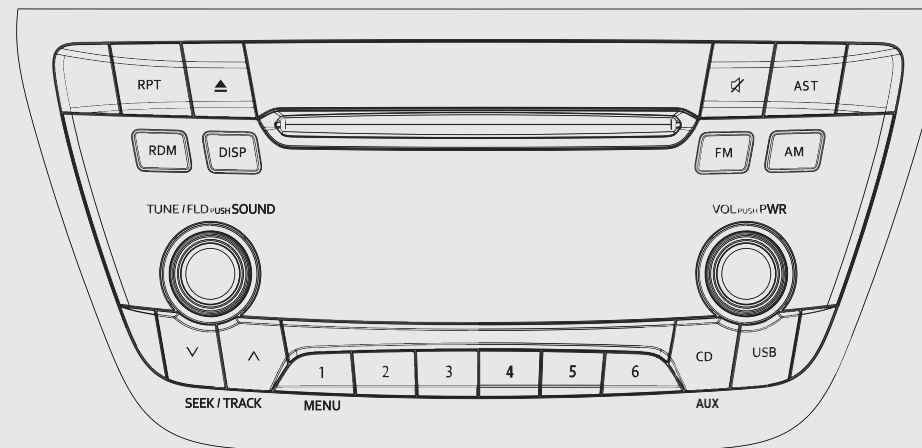
NOTICE

Improper installation of mobile communication equipment such as cellular telephones, CB (Citizen's Band) radios or any other wireless transmitters may cause electronic interference with your vehicle's ignition system, resulting in vehicle performance problems. Consult your Maruti Suzuki authorised workshop or qualified service technician for advice.

OTHER CONTROLS AND EQUIPMENT

Audio System (if equipped)

EXAMPLE



64MS186

AM/FM CD PLAYER

NOTE:

For vehicle equipped with SMARTPLAY INFOTAINMENT SYSTEM, refer to the audio manual available with the vehicle. Remote controller is not provided with the vehicles equipped with SMARTPLAY INFOTAINMENT SYSTEM.

OTHER CONTROLS AND EQUIPMENT

Safety information

WARNING

If you pay extended attention to operating the audio system or viewing the audio system display while driving, an accident can occur. If you set the sound volume too loud, it could prevent you from being aware of road and traffic conditions.

- Keep your eyes on the road and your mind on the drive. Avoid paying extended attention to operating the audio system or viewing the audio system display.
- Familiarize yourself with the audio system controls and operation of the audio system before driving.
- Preset your favorite radio stations before driving so that you can quickly tune to them using the pre-sets.
- Set the sound volume to a level that will allow you to continue to be aware of road and traffic conditions while driving.

Notes on Discs

Precautions

- When the inside of the vehicle is very cold and the player is used soon after switching on the heater, condensation may form on the disc or the optical parts of the player and proper playback may not be possible. If condensation forms on the disc, wipe it off with a soft cloth. If condensation forms on the optical parts of the player, do not use the player for about one hour. This will allow the condensation to disappear normally.
- Driving on extremely bumpy roads which cause severe vibrations may cause track to skip.
- This unit uses a precision mechanism. Even in the event that trouble arises, never open the case, disassemble the unit, or lubricate the rotating parts. Please bring the unit to a Maruti Suzuki authorised workshop.

Cautions on Handling

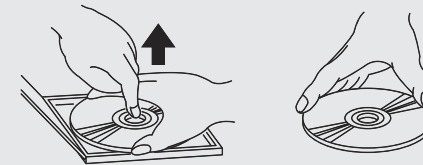
EXAMPLE



This unit has been designed specifically for playback of compact discs bearing mark (A) shown above.

No other discs can be play

Removing the disc Proper way to hold the compact disc



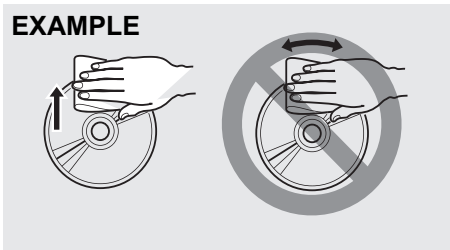
EXAMPLE

To remove the compact disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.

Always handle the compact disc by the edges.
Never touch the surface.

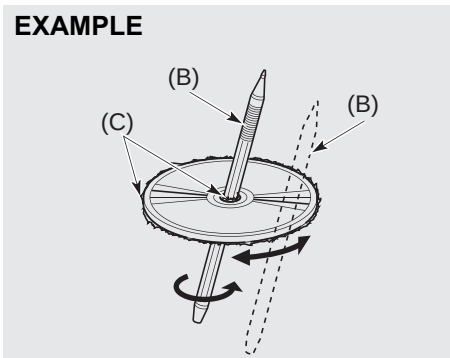
OTHER CONTROLS AND EQUIPMENT

EXAMPLE



To remove fingermarks and dust, use a soft cloth, and wipe in a straight line from the center of the compact disc to the circumference.

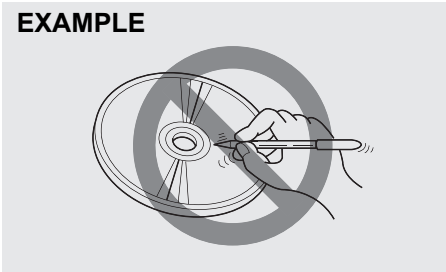
EXAMPLE



New discs may have some roughness around the edges. The unit may not work or the sound may skip if such discs are used. Use a ball-point pen (B), etc. to

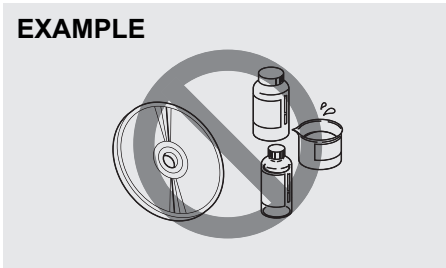
remove the roughness (C) from the edges of the disc before inserting it into the unit.

EXAMPLE



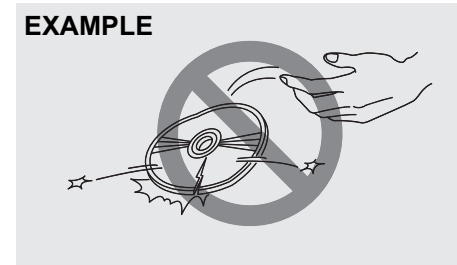
Never stick labels on the surface of the compact disc or write on the surface with a pencil or pen.

EXAMPLE



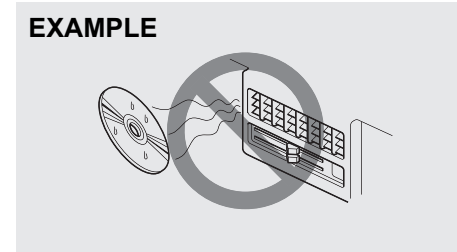
Do not use any solvents such as commercially available cleaners, anti-static spray, or thinner to clean compact discs.

EXAMPLE



Do not use compact discs that have large scratches, are misshaped, or cracked, etc. Use of such discs will cause damage or prevent the system from operating properly.

EXAMPLE



Do not expose compact discs to direct sunlight or any heat source.

OTHER CONTROLS AND EQUIPMENT

NOTE:

- Do not use commercially available CD protection sheets or discs equipped with stabilizers, etc.
These may get caught in the internal mechanism and damage the disc.
- It may not be possible to play CD-R discs with this unit due to the recording conditions.
- CD-RW discs cannot be played with this unit.

⚠ WARNING

This is a class I laser product. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Do not open covers and do not attempt to repair this unit by yourself. Refer a qualified personnel for servicing.

Bluetooth® (If equipped)

The Bluetooth® word mark and logo are registered trademarks and are owned by the Bluetooth SIG, Inc.

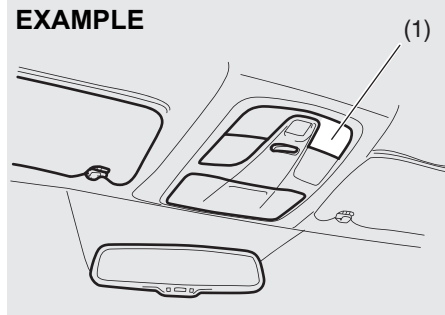
Stop using this unit and a Bluetooth® ready device whenever requested.

This unit shares the communication frequency with other private or public wireless communication equipment such as a wireless LAN and other wireless communication radios.

You should stop using this unit whenever you are notified that your unit disturbs other wireless communication immediately.

Bluetooth® Mic (1) (if equipped)

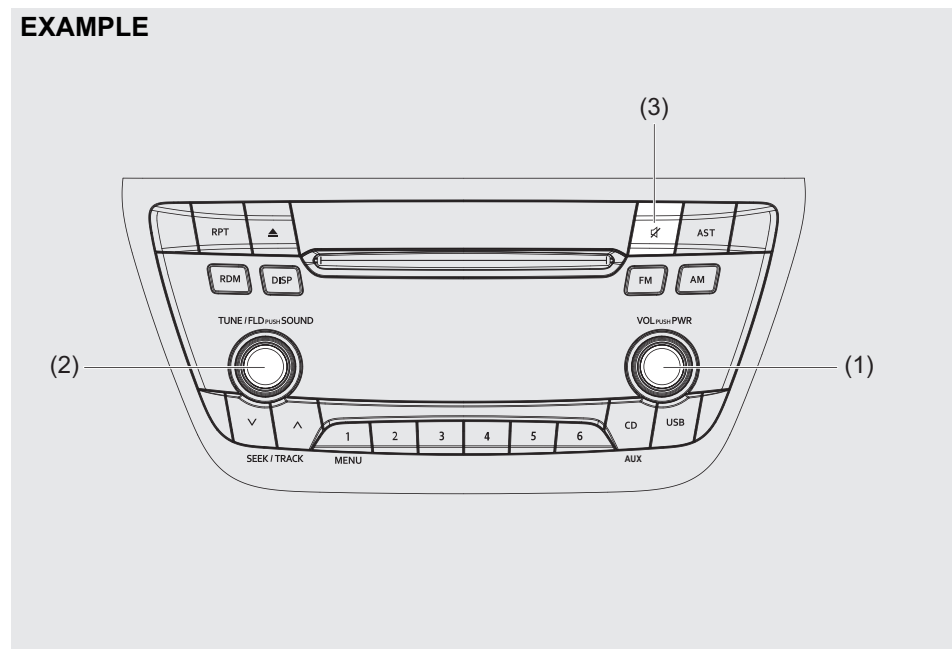
EXAMPLE



OTHER CONTROLS AND EQUIPMENT

Basic Operations

EXAMPLE



64MS187

- (1) VOL PUSH POWER knob
- (2) TUNE FOLDER PUSH SOUND knob
- (3) MUTE button

Turning power on/off

Press the VOL PUSH POWER knob (1). The unit starts in the function mode it was in when the power was turned off last.

Adjusting the volume

Turn the VOL PUSH POWER knob (1). Turning it clockwise increases the volume; turning it counterclockwise decreases the volume.

NOTE:

While driving, adjust the volume to an extent that sound and/or noise coming from outside the vehicle can be heard.

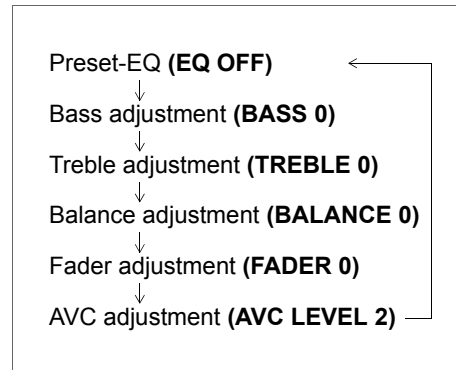
OTHER CONTROLS AND EQUIPMENT

Mute

Press the MUTE button (3) to mute the sound. To cancel the mute, press the MUTE button (3) again.

Adjusting bass/treble/balance /fader

- 1) Press the TUNE FOLDER PUSH SOUND knob (2).
Each time the knob is pressed, sound adjustment will change as follows:

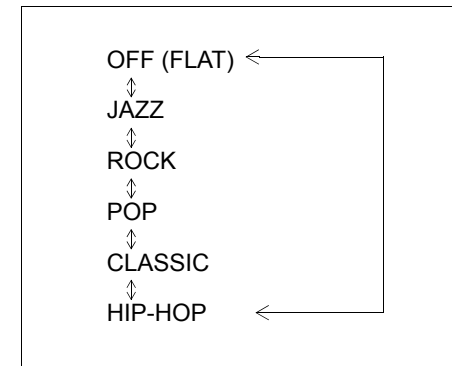


- 2) Turn the TUNE FOLDER PUSH SOUND knob (2) to adjust the sound.

Adjusting the AVC (Auto volume control)

The Auto Volume Control (AVC) function automatically adjusts (increases/decreases) the sound volume in accordance with vehicle speed. The AVC control is provided with three selectable levels (LEVEL OFF, 1, 2, 3). The range of volume adjustment increases together with the LEVEL number.

- 1) Press the TUNE FOLDER PUSH SOUND knob (2) until the AVC adjustment mode is selected.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (2) to select the desired AVC adjustment level. (Initial setting: LEVEL 2)



Preset-EQ

Preset-EQ calls up various sound types in accordance with the listening music type.

- 1) Press the TUNE FOLDER PUSH SOUND knob (2) several times until "PRESET-EQ" appears.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (2).
Each time the knob is turned, preset EQ mode will change as follows:

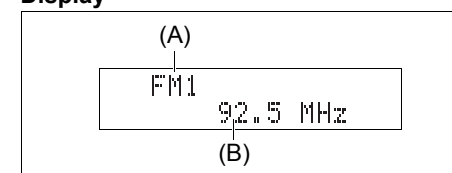
Listening to the Radio

EXAMPLE

The diagram shows a car stereo control panel with the following components labeled with callouts:

- (1) Points to the **FM** and **AM** radio buttons.
- (2) Points to the **FM** and **AM** radio buttons.
- (3) Points to the **SEEK / TRACK** buttons (marked with up and down arrows).
- (4) Points to the **SEEK / TRACK** buttons.
- (5) Points to the **TUNE / FLD PWR / SOUND** knob.
- (6) Points to the **MENU** button.
- (7) Points to the **RPT** (Repeat) and **AST** (Auto Stop) buttons.

Display

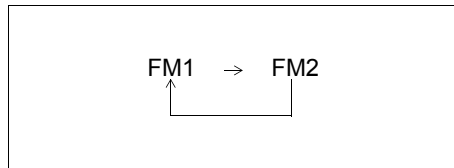


- (1) FM button
 - (2) AM button
 - (3) Up button
 - (4) Down button
 - (5) TUNE FOLDER PUSH SOUND knob
 - (6) Preset buttons ([1] to [6])
 - (7) AST button
- (A) Band
(B) Frequency

OTHER CONTROLS AND EQUIPMENT

Selecting the FM band

Press the FM button (1).
Each time the button is pressed, the reception band will change as follows:



Selecting the AM band

Press the AM button (2).

Seek tuning

Press the seek Up button (3) or the seek Down button (4).
The unit stops searching for a station at a frequency where a broadcast station is available.

Manual tuning

Turn the TUNE FOLDER PUSH SOUND knob (5).
The frequency being received is displayed

Preset memory

- 1) Select the desired station.
- 2) Hold down a desired button ([1] to [6]) of the Preset buttons (6) to which you want to store the station for 2 seconds or longer.

Auto store

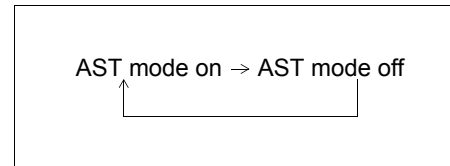
Hold down the AST button (7) for 2 seconds or longer.
Six stations in good reception will automatically be stored to the Preset buttons (6) in order, starting from a station whose frequency is the lowest.

NOTE:

- Auto store can be released by pressing AST button (7) while auto store is under way.
- When the auto store is performed, the station previously stored in the memory at the position is overwritten.
- When there are fewer than 6 stations that can be stored even if 1 round of auto store operation is performed, no station will be stored at the remaining Preset buttons (6).
- 6 stations can be preset for FM1 and FM2 in common, and 6 stations for AM in auto store mode.

Auto store mode on/off

Press the AST button (7).
Each time the button is pressed, the mode is switched as follows:



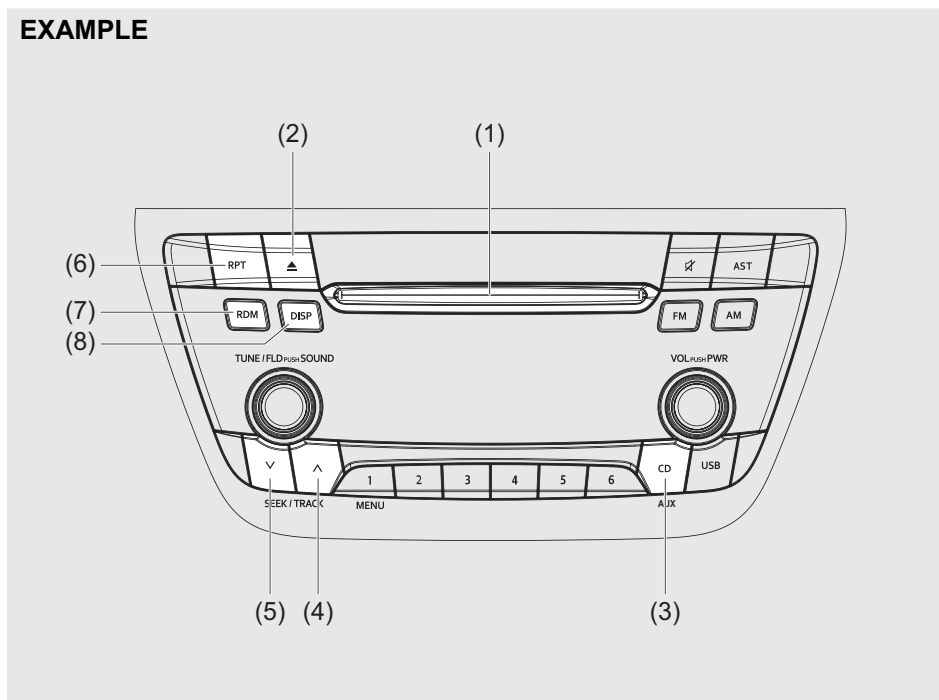
Radio Reception

Radio reception can be affected by environment, atmospheric conditions, or radio signal's power and distance from the station. Nearby mountains and buildings may interfere or deflect radio reception, causing poor reception. Poor reception or radio static can also be caused by electric current from overhead wires or high voltage power lines.

OTHER CONTROLS AND EQUIPMENT

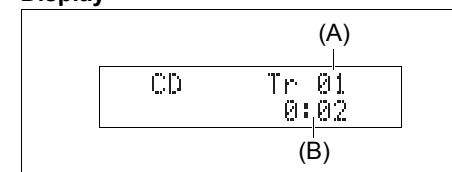
Listening to a CD

EXAMPLE



64MS189

Display



- (1) Insertion slot
- (2) Eject button
- (3) CD button
- (4) Up button
- (5) Down button
- (6) RPT button
- (7) RDM button
- (8) DISP button

- (A) Track number
- (B) Play time

NOTE:

This product does not support 8 cm CD (sometimes called as "mini single CD", "3-inch CD", "CD3", etc.).

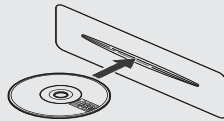
OTHER CONTROLS AND EQUIPMENT

EXAMPLE



- CDs or CD-ROMs carrying no mark (A) cannot be used.
- Some discs recorded in CD-R/CD-RW format may sometimes be impossible to use.

EXAMPLE



- A CD is to be inserted with its label side up.
- When there is a CD already in the unit, it is impossible to insert another CD without ejecting the CD in the unit. Do not use force to insert a CD into the CD insertion slot.

NOTICE

- **Never insert your finger or hand into the CD insertion slot. Never insert foreign objects.**
- **Never insert a CD with glue coming out from adhesive tape or a rental CD label or with a trace indicating that adhesive tape or a rental CD label has been removed. This may cause the CD not to eject or result in a malfunction.**

Selecting a CD mode

Press the CD button (3). Each time the button is pressed, the mode will change as follows:

CD ←
↓
Bluetooth® audio (if equipped)
↓
AUX (if equipped)

Loading a CD

Insert a CD in the Insertion slot (1). When a CD is loaded, play starts.

Ejecting a CD

Press the Eject button (2). When the ignition mode is LOCK (OFF) or the ignition switch is in the "LOCK" position, the CD remained ejected for around

15 seconds or longer will automatically be drawn inside the unit. (Auto reload function)

The backup eject function:

This function allows you to eject a CD by pressing the Eject button (2) even when the ignition mode is "LOCK" (OFF) or the ignition switch is in the "LOCK" position.

NOTICE

If you forcefully try to push an ejected CD inside the unit before auto reloading, the disc surface might be scratched.

When reloading a CD, remove it from the unit completely before reloading.

Listening to a CD

When a CD is inserted, playback will automatically start.

When a CD is already inside the unit, press the CD button (3) to start playback.

Selecting a track

- Press the Up button (4) to listen to the next track.
- Press the Down button (5) twice to listen to the previous track.

When the Down button (5) is pressed once, the track currently being played will start from the beginning again.

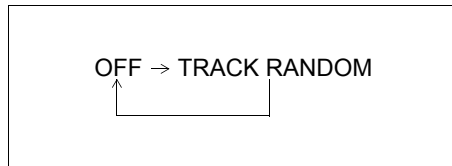
OTHER CONTROLS AND EQUIPMENT

Fast forwarding/Rewinding a track

- Hold down the Up button (4) to fast forward the track.
- Hold down the Down button (5) to fast rewind the track.

Random playback

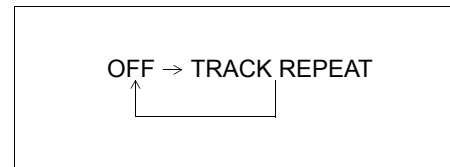
Press the RDM button (7).
Each time the button is pressed, the mode will change as follows:



- **TRACK RANDOM**
The random indicator "RDM" will light.
The tracks in the loaded disc will be played in random order.

Repeat playback

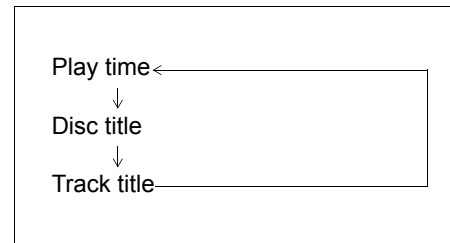
Press the RPT button (6).
Each time the button is pressed, the mode will change as follows:



- **TRACK REPEAT**
The repeat indicator "RPT" will light.
The track currently being played will be played repeatedly.

Display change

Press the DISP button (8).
Each time the button is pressed, display will change as follows:



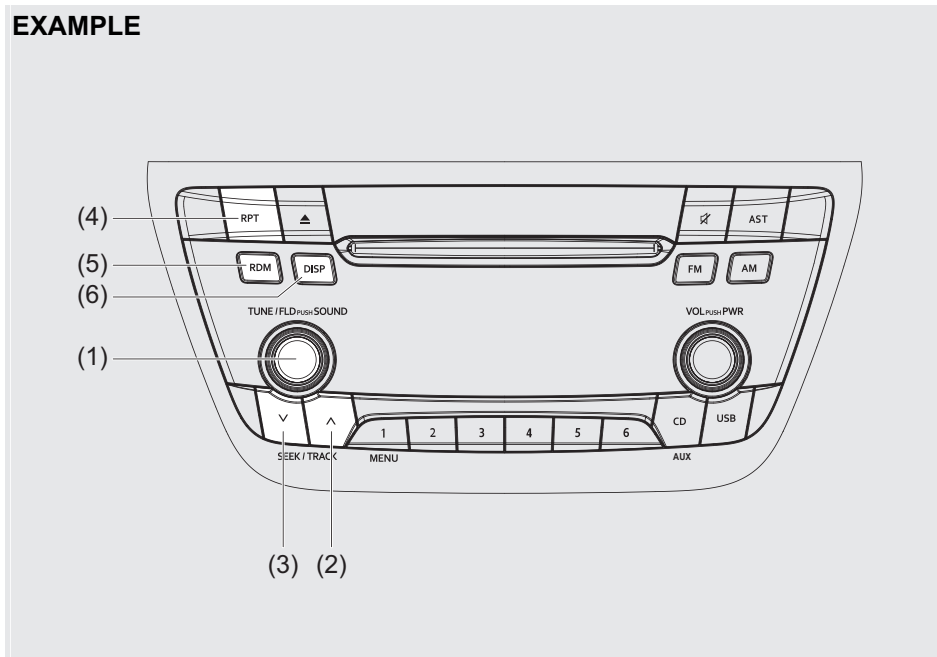
NOTE:

- "NO TITLE" will be displayed when there is no text information in the disc currently being played.
- If text data contains more than 12 characters, the ">" mark will appear at the right end. Holding down the DISP button (8) for 1 second or longer can display the next page.

OTHER CONTROLS AND EQUIPMENT

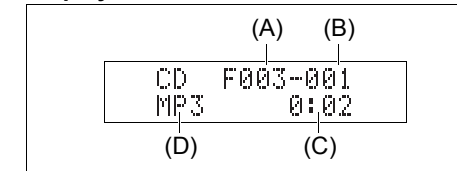
Listening to an MP3/WMA/AAC Disc

EXAMPLE



64MS190

Display



- (1) TUNE FOLDER PUSH SOUND knob
- (2) Up button
- (3) Down button
- (4) RPT button
- (5) RDM button
- (6) DISP button
- (A) Folder number
- (B) Track number
- (C) Play time
- (D) DISC type

OTHER CONTROLS AND EQUIPMENT

Selecting a folder

Turn the TUNE FOLDER PUSH SOUND knob (1) to select a folder.

Selecting a track

- Press the Up button (2) to listen to the next track.
- Press the Down button (3) twice to listen to the previous track.

When the Down button (3) is pressed once, the track currently being played will start from the beginning again.

Fast forwarding/Rewinding a track

- Hold down the Up button (2) to fast forward the track.
- Hold down the Down button (3) to fast rewind the track.

Random playback

Press the RDM button (5).

Each time the button is pressed, the mode will change as follows:

OFF → FOLDER RANDOM → ALL RANDOM

- FOLDER RANDOM
The random indicator “F.RDM” will light. The tracks in the current folder will be played in random order.
- ALL RANDOM
The random indicator “RDM” will light. The tracks in the loaded disc will be played in random order.

Repeat playback

Press the RPT button (4).

Each time the button is pressed, the mode will change as follows:

OFF → FILE REPEAT → FOLDER REPEAT

- FILE REPEAT
The repeat indicator “RPT” will light. The track currently being played will be played repeatedly.
- FOLDER REPEAT
The repeat indicator “F.RPT” will light. All tracks in the currently selected folder will be played repeatedly.

Display change

Press the DISP button (6).

Each time the button is pressed, display will change as follows:

Play time ←
↓
Folder name
↓
File name
↓
Album name (MP3, AAC only)
↓
Track title
↓
Artist name

NOTE:

- “NO TITLE” will be displayed when there is no text information in the disc currently being played.
- If text data contains more than 12 characters, the “>” mark will appear at the right end. Holding down the DISP button (6) for 1 second or longer can display the next page.

Notes on MP3/WMA/AAC

What is MP3?

- MP3 (MPEG audio layer3) is an audio compression format that has become the standard format among PC users. Its merit is that the original audio data is compressed to approximately 1/10 and high sound quality is maintained. This means that it is possible to store the data of approximately 10 music CDs on a single CD-R/RW disc, which in turn makes it possible to play music for a long time without having to change the disc.

What is WMA?

- An abbreviation of “Windows Media Audio,” WMA is an audio compression format developed by Microsoft.
- WMA files for which the DRM (Digital Rights Management) function is ON cannot be played.
- Windows Media™ and the Windows® logo are trademarks or registered trademarks of Microsoft Corporation in the United States and other countries.

OTHER CONTROLS AND EQUIPMENT

What is AAC?

- An abbreviation of “Advanced Audio Coding,” AAC is an audio compression format used by MPEG2 and MPEG4.

Points to remember when making MP3/WMA/AAC files

Common

- High bit rate and high sampling frequency are recommended for high quality sounds.
- Selecting VBR (Variable Bit Rate) is not recommended. Selecting VBR may cause display of incorrect playing time and jumpiness of playback.
- Playback sound quality varies depending on the encoding environment. For details, refer to the user manual of the encoding software and the writing software in use.

NOTICE

Never assign the “.mp3”, “.wma”, or “.m4a” file name extension to a file if it is not in the MP3/WMA/AAC format file. Failure to observe this may result in damage to the speaker due to noise production.

Recording MP3/WMA/AAC files on a CD media

- It is recommended not to write both CD-DA files and MP3/WMA/AAC files on a disc.
- If both CD-DA files and MP3/WMA/AAC files are on the same disc, tracks may not be played in the correct order or some tracks may not be played at all.
- When storing both MP3 data and WMA data on the same disc, sort and place them in different folders.
- Do not write files other than MP3/WMA/AAC files and unnecessary folders on a disc.
- MP3/WMA/AAC files should be named to meet the standards and the file system specifications as shown below.
- The file extension “.mp3”, “.wma” or “.m4a” should be assigned to files based on their format independently.
- You may encounter a trouble in playing MP3/WMA/AAC files or displaying information of MP3/WMA/AAC files depending on the writing software or CD recorder in use.
- This unit does not have a play list function.
- It is recommended to write discs in Disc-at-Once mode even though Multi-session mode is supported.

Compression formats

MP3

- Bit rate:
 - MPEG1 Audio Layer III: 32 k - 320 kbps
 - MPEG2 Audio Layer III: 8 k - 160 kbps
 - MPEG2.5 Audio Layer III: 8 k - 160 kbps
- Sampling frequency:
 - MPEG1 Audio Layer III: 32 k/44.1 k/48 kHz
 - MPEG2 Audio Layer III: 16 k/22.05 k/24 kHz
 - MPEG2.5 Audio Layer III: 8 k/11.025 k/12 kHz

WMA (Ver. 7, Ver. 8, Ver. 9*)

- Bit rate: CBR 32 k - 320 kbps
- Sampling frequency: 32 k/44.1 k/48 kHz
- * WMA 9 Professional/LossLess/Voice are not supported.

AAC*

- Bit rate: ABR 16k - 320 kbbs
- Sampling frequency: 32 k/44.1 k/48 kHz
- * Apple Lossless is not supported.

Supported file systems

ISO 9660 Level 1/Level 2, Joliet, Romeo

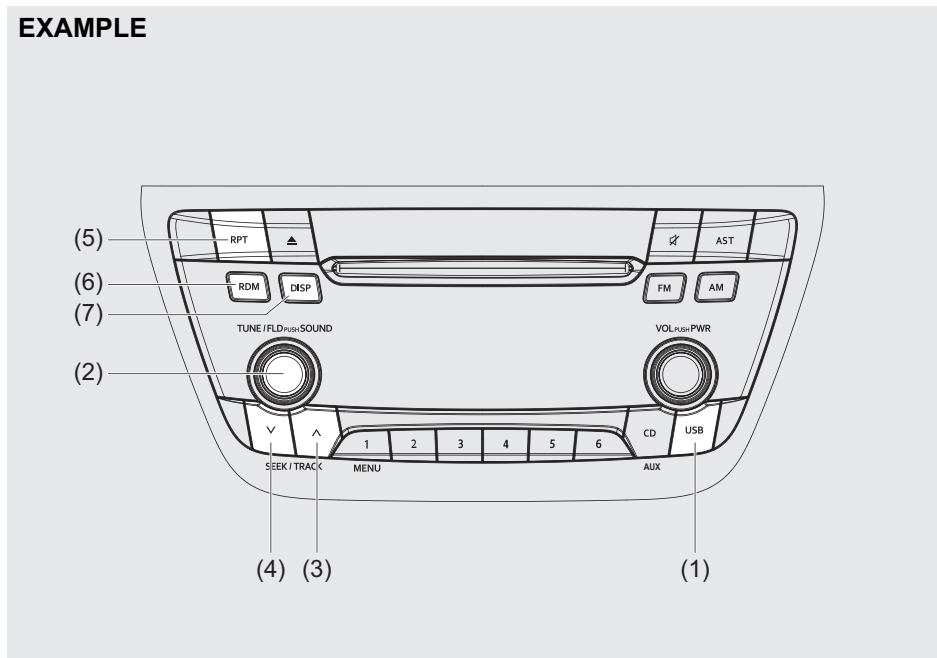
Maximum number of files/folders

- Maximum number of files: 512 (files + folders)
- Maximum number of files in a folder: 255
- Maximum depth of tree structure: 8
- Maximum number of folders: 255 (Root folder is included.)

OTHER CONTROLS AND EQUIPMENT

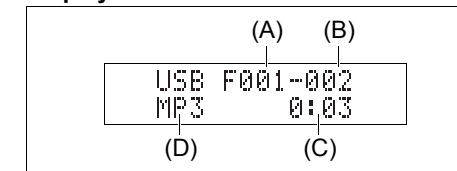
Listening to files stored in a USB device (if equipped)

EXAMPLE



64MS191

Display



- (1) USB button
- (2) TUNE FOLDER PUSH SOUND knob
- (3) Up button
- (4) Down button
- (5) RPT button
- (6) RDM button
- (7) DISP button

- (A) Folder number
- (B) Track number
- (C) Play time
- (D) File type

NOTICE

Do not connect any USB device other than a USB memory or a USB audio player. Do not connect multiple USB devices to the USB connector using a USB hub, etc. Supplying power to multiple USB devices from the connector could cause overheating and smoking.

OTHER CONTROLS AND EQUIPMENT

Selecting a USB device mode

Press the USB button (1).

Selecting a folder

Turn the TUNE FOLDER PUSH SOUND knob (2) to select the desired folder.

Selecting a track

- Press the Up button (3) to listen to the next track.
 - Press the Down button (4) twice to listen to the previous track.
- When the Down button (4) is pressed once, the track currently being played will start from the beginning again.

Fast forwarding/Rewinding a track

- Hold down the Up button (3) to fast forward the track.
- Hold down the Down button (4) to fast rewind the track.

Random playback

Press the RDM button (6).

Each time the button is pressed, the mode will change as follows:

OFF → FOLDER RANDOM → ALL RANDOM

- FOLDER RANDOM
The random indicator "F.RDM" will light. The tracks in the currently selected folder will be played in random order.

- ALL RANDOM
The random indicator "RDM" will light. The tracks in the connected USB device will be played in random order.

Repeat playback

Press the RPT button (5).

Each time the button is pressed, the mode will change as follows:

OFF → FILE REPEAT → FOLDER REPEAT

- FILE REPEAT
The repeat indicator "RPT" will light. The track currently being played will be played repeatedly.
- FOLDER REPEAT
The repeat indicator "F.RPT" will light. All the tracks in the folder currently selected will be played repeatedly.

Display change

Press the DISP button (7).

Each time the button is pressed, display will change as follows:

Play time ←
↓
Folder name
↓
File name
↓
Album name (MP3, AAC only)
↓
Track title
↓
Artist name

NOTE:

- "NO TITLE" will be displayed when there is no text information in the disc currently being played.
- If text data contains more than 12 characters, the ">" mark will appear at the right end. Holding down the DISP button (7) for 1 second or longer can display the next page.

OTHER CONTROLS AND EQUIPMENT

Notes on USB device

Compatible USB devices

- USB Mass Storage Class
For details as to whether your USB memory/USB Audio is compatible with USB Mass Storage Class, please contact the USB memory/USB Audio manufacturer.
- USB Standard Compatibility 1.1/2.0 Full Speed
- File System FAT12/16/32, VFAT
- Maximum current less than 1.0 A
- If devices such as USB hub, extension cable are connected to the audio system, it may not be recognized. In such case connect the USB device directly to the audio system.
- Devices such as MP3 player/Mobile phone/digital camera may not be recognized by the audio system for playing music.

USB device connection

- When connecting a USB device, make sure that the connector is pushed all the way into the port.
- Do not leave the USB device for long periods of time in places inside the vehicle where the temperature can rise too high.
- Back up any important data beforehand. We cannot accept responsibility for any lost data.
- It is recommended not to connect a USB device that contains data files other than MP3/WMA/AAC format.

Recording MP3/WMA/AAC files on a USB device

- Playback or display may not be possible depending on the type of USB device in use or the condition of the recording.
- Depending on the connected USB memory, the files may be played in different order from the order that the files were stored.

Compression formats

MP3

- Bit rate:
MPEG1 Audio Layer III: 32 k - 320 kbps
MPEG2 Audio Layer III: 8 k - 160 kbps
MPEG2.5 Audio Layer III: 8 k - 160 kbps
- Sampling frequency:
MPEG1 Audio Layer III: 32 k/44.1 k/48 kHz
MPEG2 Audio Layer III: 16 k/22.05 k/24 kHz
MPEG2.5 Audio Layer III: 8 k/11.025 k/12 kHz

WMA (Ver. 7, Ver. 8, Ver. 9*)

- Bit rate: CBR 32 k - 320 kbps
- Sampling frequency: 32 k/44.1 k/48 kHz
- * WMA 9 Professional/LossLess/Voice are not supported.

AAC*

- Bit rate: ABR 16k - 320 kbbs
- Sampling frequency: 32 k/44.1 k/48 kHz
- * Apple Lossless is not supported.

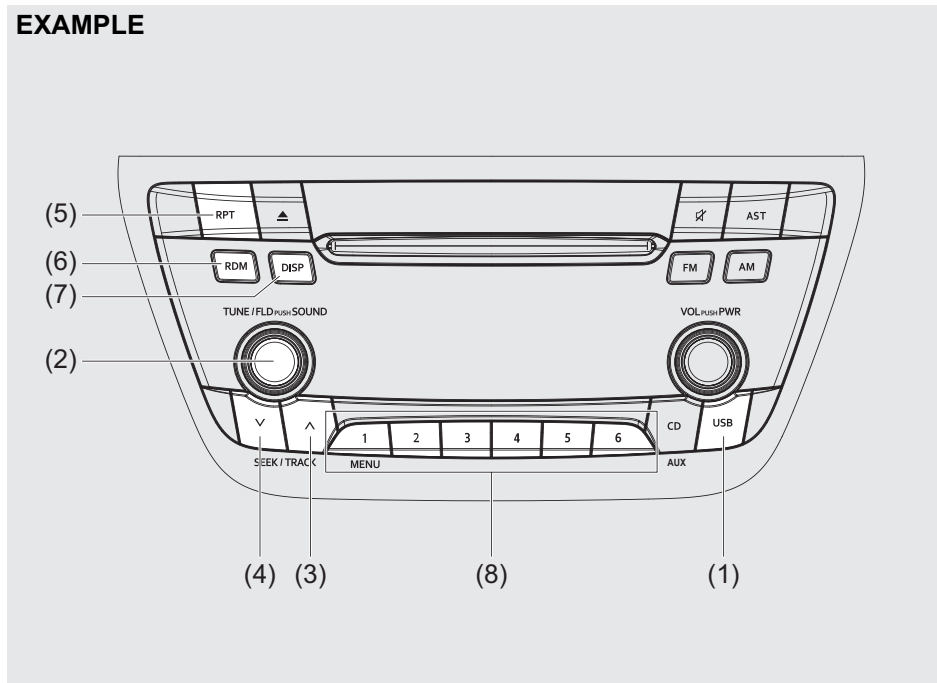
Maximum number of files/folders

- Maximum number of files: 2500 (files + folders)
- Maximum number of files in a folder: 255
- Maximum depth of tree structure: 8
- Maximum number of folders: 255 (Root folder is included.)

OTHER CONTROLS AND EQUIPMENT

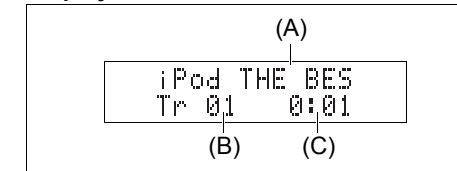
Listening to an iPod® (if equipped)

EXAMPLE



64MS192

Display



- (1) USB button
- (2) TUNE FOLDER PUSH SOUND knob
- (3) Up button
- (4) Down button
- (5) RPT button
- (6) RDM button
- (7) DISP button
- (8) Preset buttons ([1] to [6])

- (A) Track title
- (B) Track number
- (C) Play time

OTHER CONTROLS AND EQUIPMENT

Selecting an iPod® mode

Press the USB button (1).

Selecting a track

- Press the Up button (3) to listen to the next track.
- Press the Down button (4) twice to listen to the previous track.
When the Down button (4) is pressed once, the track currently being played will start from the beginning again.

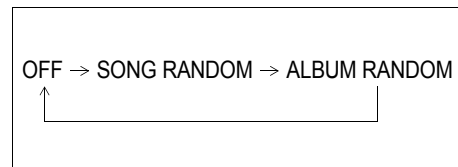
Fast forwarding/Rewinding a track

- Hold down the Up button (3) to fast forward the track.
- Hold down the Down button (4) to fast rewind the track.

Random playback

Press the RDM button (6).

Each time the button is pressed, the mode will change as follows:

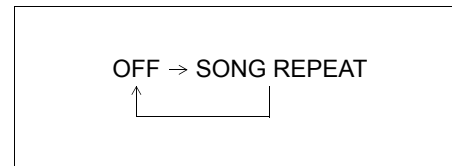


- **SONG RANDOM**
The random indicator “RDM” will light. The tracks in the iPod® will be played in random order.
- **ALBUM RANDOM**
The random indicator “F.RDM” will light. The albums in the iPod® will be played in random order.

Repeat playback

Press the RPT button (5).

Each time the button is pressed, the mode will change as follows:

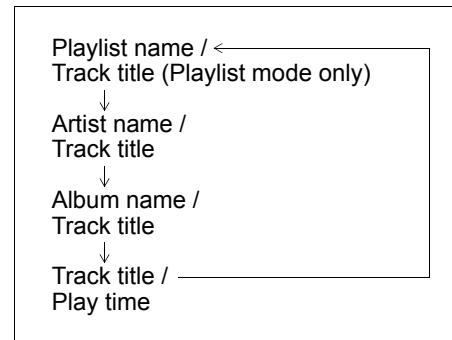


- **SONG REPEAT**
The repeat indicator “RPT” will light. The track currently being played will be played repeatedly.

Display change

Press the DISP button (7).

Each time the button is pressed, display will change as follows:



NOTE:

If text data contains more than 12 characters, the “>” mark will appear at the right end. Holding down the DISP button (7) for 1 second or longer can display the next page.

Playing Mode selection

- 1) Press the button numbered [6] of the Preset buttons (8) for 1 second or longer.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (2). Each time the knob is turned, the mode will change as follows:



- 3) Press the TUNE FOLDER PUSH SOUND knob (2) to select the desired mode.

NOTE:

When the button numbered [6] of the Preset buttons (8) is pressed, the previous mode will be displayed.

OTHER CONTROLS AND EQUIPMENT

Notes on iPod®

Supported iPod®

- iPod® touch (5th generation)
- iPod® touch (4th generation)
- iPod® touch (3rd generation)
- iPod® touch (2nd generation)
- iPod® touch (1st generation)
- iPod® classic
- iPod® nano (7th generation)
- iPod® nano (6th generation)
- iPod® nano (5th generation)
- iPod® nano (4th generation)
- iPod® nano (3rd generation)
- iPod® nano (2nd generation)
- iPod® nano (1st generation)
- iPod® (5th generation)
- iPod® (6th generation)
- iPod® (6thPlus generation)
- iPhone® 6 / 6 plus
- iPhone® 5
- iPhone® 4S
- iPhone® 4
- iPhone® 3GS
- iPhone® 3G
- iPhone®

* Some functions may not be available depending on the model of iPod®.

* iPod® is a trademark of Apple Inc., registered in the U.S. and other countries.

* iPhone® is a trademark of Apple Inc., registered in the U.S. and other countries.

* Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

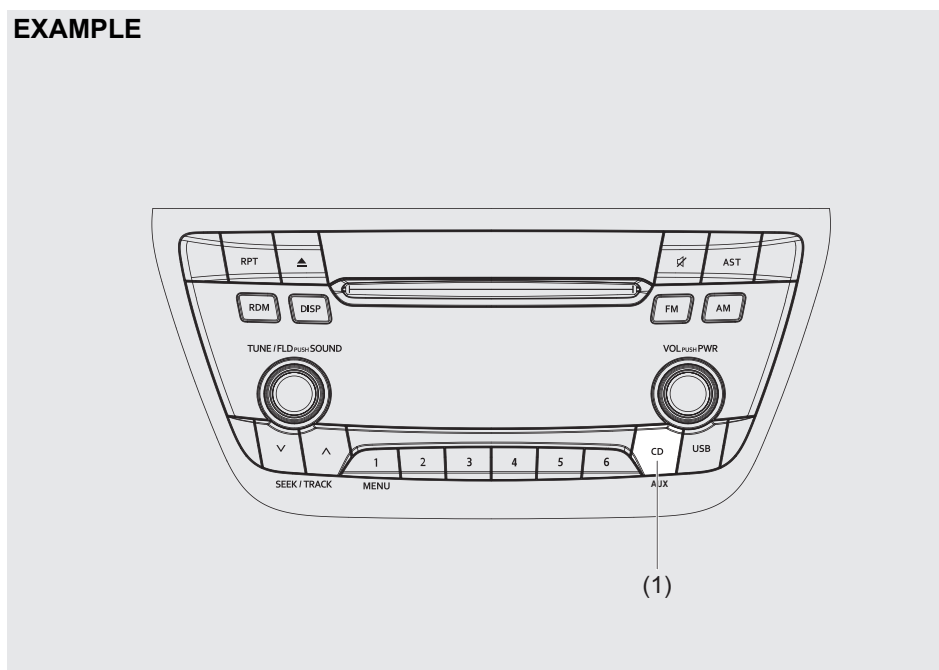
iPod® connection

- Make sure to detach the iPod® after pressing the engine switch to change the ignition mode to “LOCK” (OFF) or the ignition switch is turned to the “LOCK” position. The iPod® may not be shut down when it is being connected and may result in battery depletion.
- Please do not connect iPod® accessories such as an iPod® remote control or headphones while connecting the iPod® with the unit. The unit may not operate correctly.

OTHER CONTROLS AND EQUIPMENT

AUX Function

EXAMPLE



(1) CD button

64MS193

AUX connection

To listen to auxiliary audio sources (sold separately) through the unit, follow the instruction below.

- 1) Connect the auxiliary audio source to the AUX/USB socket (separately attached) with an AUX cable.
- 2) Press the CD button (1).
Each time the button is pressed, the mode will change as follows:

CD ←
↓
Bluetooth® audio (if equipped)
↓
AUX (if equipped)

⚠ CAUTION

- Before connection, mute the unit, and also keep the volume of the auxiliary audio source within a range that will not cause distortion.
- When the audio source is turned off, noise may be emitted. Be sure to turn off the unit or switch to another mode before turning off the audio source.

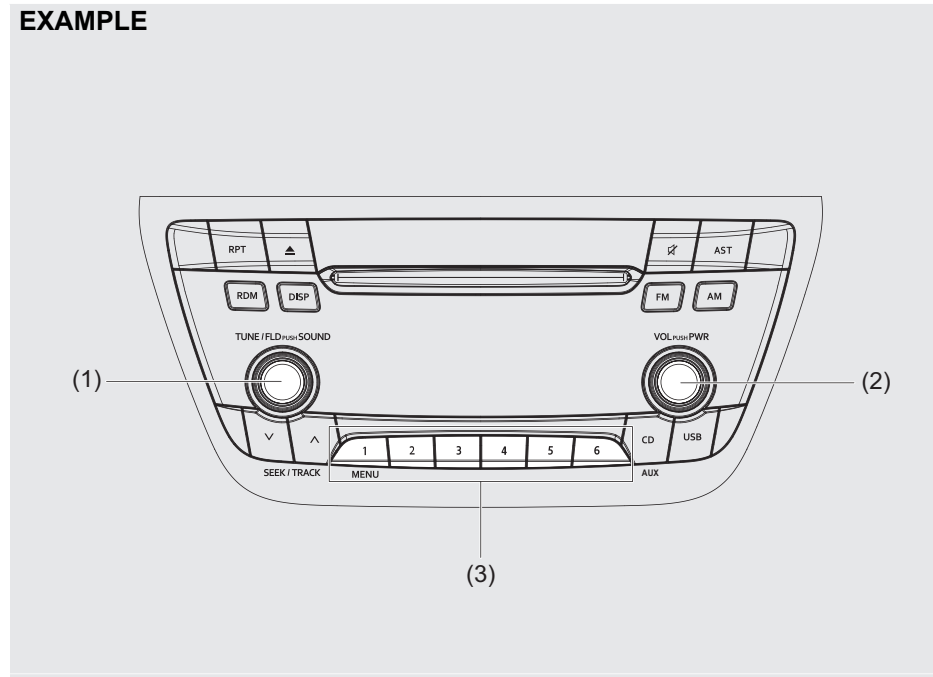
OTHER CONTROLS AND EQUIPMENT

NOTE:

- Please consult your place of purchase for details about whether a given auxiliary audio source can be connected and the proper auxiliary cord to use.
- The volume and tone controls of the auxiliary audio source can be adjusted on the unit.
- In AUX mode, the volume setting is different from another mode.

Bluetooth® Hands-Free (if equipped)

EXAMPLE



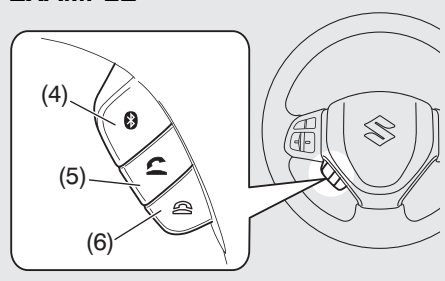
64MS194

- (1) TUNE FOLDER PUSH SOUND knob
- (2) VOL PUSH POWER knob
- (3) Preset buttons

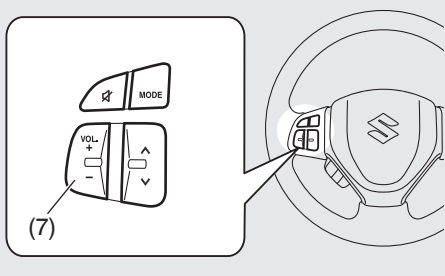
OTHER CONTROLS AND EQUIPMENT

Steering switch

EXAMPLE



EXAMPLE



- (4) Bluetooth® setup button
- (5) Off Hook button
- (6) On Hook button
- (7) VOL switch

Phone registration

To use the hands-free function with this unit, it is required to register the phone in advance.

NOTE:

- Up to 5 phones can be registered.
 - To set up a new phone, disconnect the audio player from the unit. Connect the audio player again after phone setup is completed if necessary.
 - When failed to establish the pairing within 120 seconds, the connecting operation will be canceled. Please try again or refer to the manual of the phone in use for how to establish the pairing with the phone.
 - Some Bluetooth® enabled phones may not be compatible fully and or partially with the audio unit.
 - Bluetooth / Telephone setup mode can be entered only when the vehicle is stationary.
- 1) Press the Bluetooth® setup button (4). The Bluetooth® setup menu will be displayed.
 - 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
 - 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Pairing", and press the knob (1) to determine the selection.

- 4) Select "CAR AUDIO" from the Bluetooth® menu of the phone and establish the pairing. Refer to the manual of the phone in use for further information.
- 5) Enter the Passkey displayed on the unit to the phone. (For phones with Bluetooth® version 2.1 or above passkey input is not required.)
- 6) Press the On Hook button (6).

NOTE:

- When selecting "Go Back", the previous menu will be displayed.
- When additionally registering a phone, operate the same step from 1).
- Some phones may not re-connect automatically. For such cases, follow steps 1) to 5) of "Reconnecting already registered phone (Select Phone)" mentioned in further pages of this section.
- In case phone does not re-connect after following above steps, delete your phone from registered list of phones by following steps 1) to 7) of "Deletion of phone information (Delete phone)" mentioned in further pages of this section. Register the phone again by referring to "Phone registration" and follow steps 1) to 6).

OTHER CONTROLS AND EQUIPMENT

Receiving a call

Press the Off Hook button (5) to receive a call.

Ending a call

Press the On Hook button (6) to end a call.

Rejecting a call (only for supported models)

Press the On Hook button (6) to reject a incoming call.

Adjusting the listening volume

- Turn the VOL PUSH POWER knob (2) during a call.
Turning it clockwise increases the volume; turning it counterclockwise decreases the volume.
- Press the VOL switch (7) during a call. Pressing “+” of the switch increases the volume, pressing “-” of the switch decreases the volume.

Adjusting the ring volume

- Turn the VOL PUSH POWER knob (2) while a call coming in.
Turning it clockwise increases the volume; turning it counterclockwise decreases the volume.
- Press the VOL switch (7) during a call. Pressing “+” of the switch increases the volume, pressing “-” of the switch decreases the volume.

Adjusting the call or ringtone volume

Follow the instructions below to adjust the call or ringtone volume.

- 1) Press the Bluetooth® setup button (4).
The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Sound Setting”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Call Volume” or “Ringtone Volume”, and press the knob (1) to determine the selection.
The current call or ringtone volume will be displayed.
- 5) Turn the TUNE FOLDER PUSH SOUND knob (1) to select desired call or ringtone volume, and press the knob (1) to determine the selection.

NOTE:

When selecting “Go Back”, the previous menu will be displayed.

Selecting the Ringtone

Follow the instructions below to select a ringtone.

- 1) Press the Bluetooth® setup button (4).
The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Sound Setting”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Ringtone”, and press the knob (1) to determine the selection.
The current ringtone will be sounded.
- 5) Turn the TUNE FOLDER PUSH SOUND knob (1) to select desired ringtone, and press the knob (1) to determine the selection.

NOTE:

When selecting “Go Back”, the previous menu will be displayed.

OTHER CONTROLS AND EQUIPMENT

Dialing using Missed/Incoming/Outgoing Calls

Follow the instructions below to dial to the last dialed number again.

NOTE:

Up to 10 phone numbers of the latest calls can be stored. (10 each for dialed, received and missed call)

- 1) Press the Off Hook button (5).
The Bluetooth® phonebook menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Missed Calls”, “Incoming Calls” or “Outgoing Calls”, and press the knob (1) to determine the selection.
To dial from the dialed history or the received history, select “Missed Calls”, “Incoming Calls” or “Outgoing Calls” respectively.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select the desired number, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Dial”, and press the knob (1) or the Off Hook button (5) to dial to the selected number.

NOTE:

- When selecting “Go Back”, the previous menu will be displayed.
- Pressing “Confirm” after selecting “Add Speed Dial” can register the selected number in the speed dial.

- Pressing “Confirm” after selecting “Delete” can delete the selected number from the call history.

Deletion of call history

Follow the instructions below to delete a missed/incoming/outgoing call history.

- 1) Press the Off Hook button (5).
The Bluetooth® phonebook menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Setup Phonebook”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Delete History”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Missed Calls”, “Incoming Calls”, or “Outgoing Calls”, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER PUSH SOUND knob (1) to select a number to be deleted or “ALL”, and press the knob (1) to determine the selection.
- 6) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Delete?” or “Delete All?”, and press the knob (1) to determine the selection.
- 7) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Confirm”, and press the knob (1) to complete the deletion.

NOTE:

When selecting “Go Back”, the previous menu will be displayed.

Registration in Phonebook

Registration of numbers in the phonebook. Follow the instructions below to register phone numbers in the Phonebook of the unit.

- 1) Press the Bluetooth® setup button (4).
The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Setup Phonebook”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Add Contacts”, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Overwrite All” or “Add One Contact”, and press the knob (1) to determine the selection.
The “Rest of Memory XXXX: Ok?” will be displayed.
- 6) Press or turn the TUNE FOLDER PUSH SOUND knob (1) to select “Confirm”, and press the knob (1) to determine the selection.

OTHER CONTROLS AND EQUIPMENT

- 7) Transfer contacts from the phone.
When the registration is completed, the “Setup Phonebook” will be displayed.

NOTE:

- When selecting “Go Back” the previous menu will be displayed.
- Up to 1000 numbers can be registered in Phonebook.

Transfer of call history (Call History)

Follow the instructions below to transfer call history of the registered phone.

- 1) Press the Bluetooth® setup button (4).
The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Call History”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Call History?”, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Confirm”, and press the knob (1) to transfer the call history from the phone.

NOTE:

When selecting “Go Back”, the previous menu will be displayed.

Making a call by Phonebook

Follow the instructions below to dial a number registered in Phonebook.

- 1) Press the Off Hook button (5).
The Bluetooth® phonebook menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Phonebook”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select the initial of the name you would like to make a call, and press the knob (1) to determine the selection.
The registered numbers will be displayed in sequence. If names have been registered together with numbers, the names will be displayed.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Dial”, and press the knob (1) to determine the selection.
- 5) Press the Off Hook button (5).
The displayed number or the number registered with the displayed name will be dialed.

Deletion of registered data (Delete Entry)

Follow the instructions below to delete a number registered in Phonebook.

- 1) Press the Bluetooth® setup button (4).
The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Setup Phonebook”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Delete Contacts”, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER PUSH SOUND knob (1) to select a number to be deleted, and press the knob (1) to determine the selection.
- 6) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Delete?”, and press the knob (1) to determine the selection.
- 7) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Confirm”, and press the knob (1) to complete the deletion.

NOTE:

When selecting “Go Back”, the previous menu will be displayed.

OTHER CONTROLS AND EQUIPMENT

Registration in speed dial

Follow the instructions below to assign a number to one of the Preset buttons to use as the speed dial.

- 1) Press the Bluetooth® setup button (4). The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Setup Phonebook”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Add Speed Dial”, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER PUSH SOUND knob (1) to select a number to be assigned, and press the knob (1) to determine the selection.
- 6) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Choose Preset”, and press the knob (1) to determine the selection.
- 7) Press one of the Preset buttons (3) to which the selected number is to be assigned. If a number is already assigned to the selected button, a confirmation message will be displayed. Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Confirm”, and press the knob (1) to complete the assignment.

When the assignment is completed, the “Setup Phonebook” will be displayed.

NOTE:

When selecting “Go Back”, the previous menu will be displayed.

One-touch call (Speed dial)

Follow the instructions below to dial the number assigned to each of the Preset buttons (3).

- 1) Press the Off Hook button (5). The Bluetooth® phonebook menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Speed Dials”, and press the knob (1) to determine the selection.
- 3) Press one of the Preset buttons (3). When no number is assigned, “No Entry” is displayed.
- 4) Press the Off Hook button (5). The selected number will be dialed.

Deletion of speed dial (Del Speed Dial)

To delete a number assigned for the speed dial, follow the instructions below.

- 1) Press the Off Hook button (5). The Bluetooth® phonebook menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Speed Dials”, and press the knob (1) to determine the selection.
- 3) Press one of the Preset buttons (3) to which the number to be deleted is assigned. “No Entry” appears if the number is not registered.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Delete”, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Del Speed Dial”, and press the knob (1) to determine the selection.
- 6) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Confirm”, and press the knob (1) to complete the deletion.

NOTE:

When selecting “Go Back”, the previous menu will be displayed.

OTHER CONTROLS AND EQUIPMENT

Display of device data (Device Name)

Follow the instructions below to display the BD (Bluetooth® Device) address and device name.

- 1) Press the Bluetooth® setup button (4).
The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Bluetooth Info", and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Device Name" or "Device Address", and press the knob (1) to display the device name or the BD (Bluetooth® Device) address.

NOTE:

When selecting "Go Back", the previous menu will be displayed.

Reset to the factory defaults

Follow the instructions below to reset all the settings to the factory defaults.

- 1) Press the Bluetooth® setup button (4).
The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Initialize", and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "All Initialize", and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Confirm", and press the knob (1) to start the reset.

NOTE:

When selecting "Go Back", the previous menu will be displayed.

List of phones (List Phones)

Follow the instructions below to display the names of the registered phones in sequence.

- 1) Press the Bluetooth® setup button (4).
The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "List Phone", and press the knob (1) to determine the selection.
The names of the registered phones are displayed in sequence.

NOTE:

When selecting "Go Back", the previous menu will be displayed.

OTHER CONTROLS AND EQUIPMENT

Re-connecting already registered phone (Select Phone)

Follow the instructions below to select a phone to be paired with from the registered phones.

- 1) Press the Bluetooth® setup button (4).
The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "List Phone", and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select a phone to be paired with, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Select", and press the knob (1) to determine the selection.

NOTE:

- When selecting "Go Back", the previous menu will be displayed.
- The Bluetooth® ready audio device will be disconnected when the phone is selected.

Passkey setting (Set Passkey)

Follow the instructions below to set the security number (Passkey).

- 1) Press the Bluetooth® setup button (4).
The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Passkey", and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "New Passkey", and press the knob (1) to determine the selection.
- 5) Press or turn the TUNE FOLDER PUSH SOUND knob (1) to select "Confirm".
- 6) Turn the TUNE FOLDER PUSH SOUND knob (1) to select a number for the first digit, and press the knob (1) to determine the selection. Select and determine numbers for the second, third and fourth digits in order in the same manner. When not entering up to the eighth digit, enter blanks for the successive digits.
- 7) Turn the TUNE FOLDER PUSH SOUND knob (1) to determine the passkey setting.

NOTE:

When selecting "Go Back", the previous menu will be displayed.

Deletion of phone information (Delete Phone)

Follow the instructions below to delete the registered information of the phone.

- 1) Press the Bluetooth® setup button (4).
The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "List Phone", and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER PUSH SOUND knob (1) to select a phone to be deleted, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Delete Phone", and press the knob (1) to determine the selection.
- 6) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Delete?", and press the knob (1) to determine the selection.
- 7) Turn the TUNE FOLDER PUSH SOUND knob (1) to select "Confirm", and press the knob (1) to determine the selection.

OTHER CONTROLS AND EQUIPMENT

NOTE:

When selecting “Go Back”, the previous menu will be displayed.

BT function on/off (BT Power)

Follow the instructions below to turn on/off the Bluetooth® function.

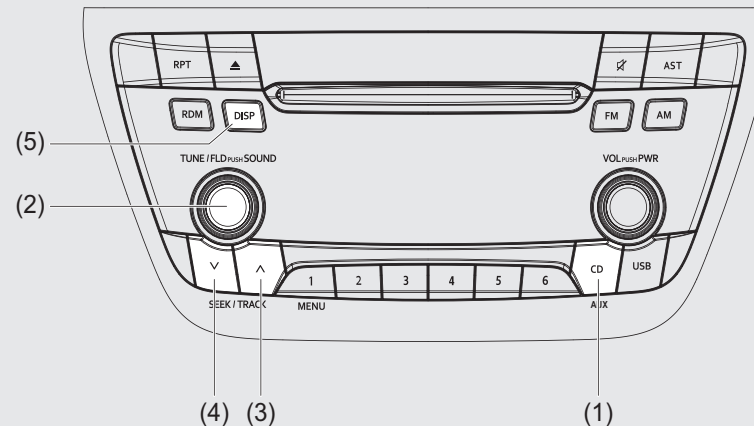
- 1) Press the Bluetooth® setup button (4).
The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “Setup Bluetooth”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (1) to select “BT Power”, and press the knob (1) to determine the selection.
- 4) Press the TUNE FOLDER PUSH SOUND knob (1) to select “BT Power On” or “BT Power Off”.

NOTE:

- When the BT function is turned off, the connection between this unit and the registered phone in use will be disconnected.
- When selecting “Go Back”, the previous menu will be displayed.

Bluetooth® audio (if equipped)

EXAMPLE

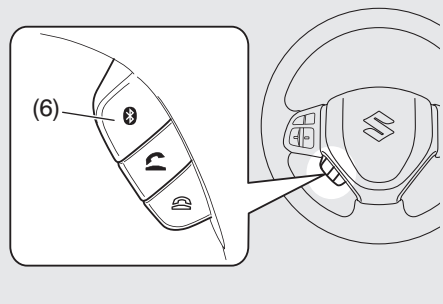


64MS195

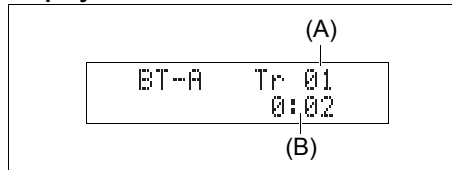
OTHER CONTROLS AND EQUIPMENT

Steering switch

EXAMPLE



Display



- (1) CD button
- (2) TUNE FOLDER PUSH SOUND knob
- (3) Up button
- (4) Down button
- (5) DISP button
- (6) Bluetooth® setup button
- (A) Track number
- (B) Play time

Registration of audio devices

To use Bluetooth® ready audio devices with this unit, it is required to register the devices.

NOTE:

- To set up a new audio player, disconnect the phone from the unit. Connect the phone after audio player setup is completed if necessary.
- When failed to establish the connection within 120 seconds, the connecting operation will be canceled. Please try again or refer to the audio player manual for assistance with the pairing process.
- Some Bluetooth® enabled audio device may not be compatible fully and or partially with the audio unit.
- Bluetooth / Telephone setup mode can be entered only when the vehicle is stationary.

- 1) Press the Bluetooth® setup button (6). The Bluetooth® setup menu will be displayed.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (2) to select "Setup Bluetooth", and press the knob (2) to determine the selection.
- 3) Turn the TUNE FOLDER PUSH SOUND knob (2) to select "Pairing", and press the knob (2) to determine the selection.
- 4) Select "CAR AUDIO" from the Bluetooth® menu of the audio player and establish the pairing.

Refer to the manual of the audio player in use for further information.

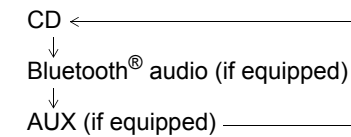
- 5) Enter the Passkey displayed on the unit to the audio player.

NOTE:

- When selecting "Go Back", the previous menu will be displayed.
- When additionally registering audio devices, operate the same step from 1).

Selecting the Bluetooth® audio mode

Press the CD button (1). Each time the button is pressed, the mode will change as follows:



Selecting a group (only for supported models)

Turn the TUNE FOLDER PUSH SOUND knob (2) to select a group.

Selecting a track

- Press the Up button (3) to listen to the next track.
 - Press the Down button (4) twice to listen to the previous track.
- When the Down button (4) is pressed once, the track currently being played will start from the beginning again.

OTHER CONTROLS AND EQUIPMENT

Fast forwarding/Rewinding a track

- Hold down the Up button (3) to fast forward the track.
- Hold down the Down button (4) to fast rewind the track.

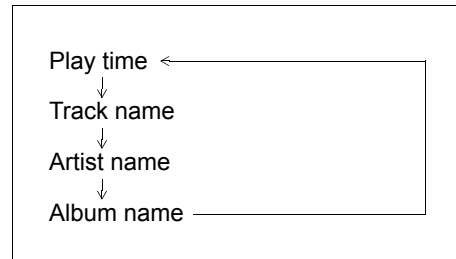
NOTE:

Some functions may not be available depending on Bluetooth® audio.

Display change

Press the DISP button (5).

Each time the button is pressed, display will change as follows:



NOTE:

If text data contains more than 12 characters, the ">" mark will appear at the right end. Holding down the DISP button (5) for 1 second or longer can display the next page.

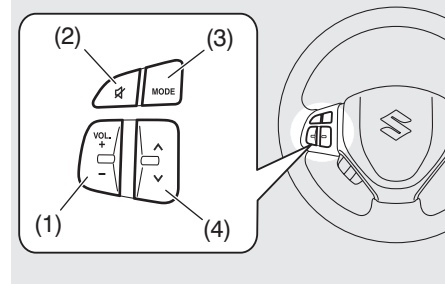
Disclaimer for Bluetooth® function

- Depending on the mobile phone models, some phones may not be compatible fully or partially (some function may be restricted).
- Media playback through third-party applications may have limited support.
- Playback, display contents, connectivity or voice quality etc. may get affected depending on circumstances.
- After the ignition switch is turned to the "ON" position, the audio system takes few seconds to detect and connect to the Bluetooth® device (if already paired).
- Make sure that you are aware of all applicable lock laws and accordingly use Bluetooth® device.

Remote Audio Controls (if equipped)

Controlling of basic functions of the audio system is available using the switches on the steering wheel.

EXAMPLE



Adjusting the volume

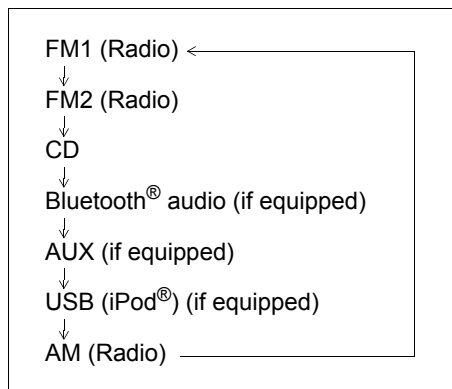
- To increase the volume, hold down "+" of the VOL switch (1). The volume will keep on being increased until the switch is released.
- To decrease the volume, hold down "-" of the VOL switch (1). The volume will keep on being decreased until the switch is released.
- To mute the sound, press the switch (2).

Selecting the mode

Press the switch (3).

Each time the button is pressed, the mode will change as follows:

OTHER CONTROLS AND EQUIPMENT



It is possible to turn on the audio system by pressing the switch (3).

Selecting the radio station (FM1, FM2, AM mode)

- To select the next preset station, press “^” of the switch (4) only for a moment.
- To select the previous preset station, press “v” of the switch (4) only for a moment.
- To scan a higher frequency radio station, press “^” of the switch (4) for 1 second or longer.
- To scan a lower frequency radio station, press “v” of the switch (4) for 1 second or longer.

Selecting the track (CD, USB (iPod®), Bluetooth® audio mode)

- To skip to the next track, press “^” of the switch (4) only for a moment.
- To skip to the previous track, press “v” of the switch (4) twice only for a moment. When the switch (4) is pushed down once only for a moment, the track currently being played will start from the beginning again.

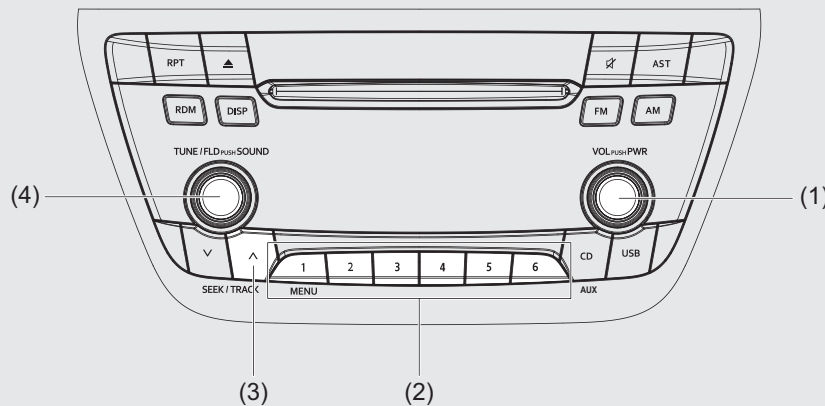
Fast forwarding/Rewinding a track

- To fast forward, press “^” of the switch (4) for 1 second or longer.
- To fast rewind, press “v” of the switch (4) for 1 second or longer.

OTHER CONTROLS AND EQUIPMENT

Anti-Theft Feature

EXAMPLE



64MS196

- (1) VOL PUSH POWER knob
- (2) Preset buttons ([1] to [6])
- (3) Up button
- (4) TUNE FOLDER PUSH SOUND knob

The anti-theft function is intended to discourage thefts, such as that the audio system becomes inoperable when it is installed on other vehicles.

This function works by entering a Personal Identification Number (PIN).

When the unit is disconnected from its power source, such as when the audio system is removed or the battery is disconnected, the unit will become inoperable until the PIN is reentered.

Setting the Anti-Theft Function

- 1) Press the VOL PUSH POWER knob (1) to power off.
- 2) Hold down the buttons numbered [1] and [6] of the Preset buttons (2) and press the VOL PUSH POWER knob (1).
- 3) Press the Up button (3) and the button numbered [1] of the Preset buttons (2) simultaneously.
- 4) Enter a 4-digit number to be registered as PIN using the buttons numbered [1] - [4] of the Preset buttons (2).
- 5) Hold down the TUNE FOLDER PUSH SOUND knob (4) for 1 second or longer to set the anti-theft function.

NOTE:

Take a note of the registered PIN and keep it for the future use.

OTHER CONTROLS AND EQUIPMENT

Canceling the anti-theft feature

To cancel the anti-theft function, delete the registered PIN.

- 1) Press the VOL PUSH POWER knob (1) to power off.
- 2) Hold down the buttons numbered [1] and [6] of the Preset buttons (2) and press the VOL PUSH POWER knob (1).
“PIN ENTRY” will be displayed.
- 3) Press the Up button (3) and the button numbered [1] of the Preset buttons (2) simultaneously.
- 4) Enter a 4-digit number to be registered as PIN using the buttons numbered [1] - [4] of the Preset buttons (2).
- 5) Hold down the TUNE FOLDER PUSH SOUND knob (4) for 1 second or longer to delete the registered PIN. The indication “----” will be displayed and the anti-theft function will be canceled.

NOTE:

To change your PIN, first delete your current PIN, then set a new one.

Confirming the Personal Identification Number (PIN)

When the main power source is disconnected such as when the battery is replaced, etc, it is required to enter the PIN to make the unit operable again.

- 1) Set the ignition switch to the “ACC” position.
“SECURITY” will be displayed.
- 2) Press the Up button (3) and the button numbered [1] of the Preset buttons (2) simultaneously.
- 3) Enter a 4-digit number to be registered as PIN using the buttons numbered [1] - [4] of the Preset buttons (2).
- 4) Hold down TUNE FOLDER PUSH SOUND knob (4) for 1 second or longer.

When the PIN same as registered is entered, the power of the audio system will be turned off automatically and it will become operable again.

NOTE:

If an incorrect PIN is entered, “ERROR” and the total number of incorrect entry attempts will be displayed.

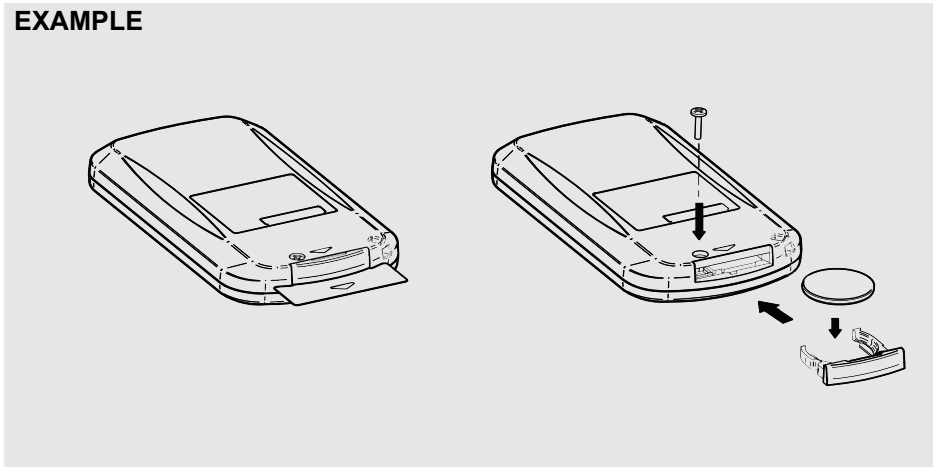
If an incorrect PIN is entered 10 times or more, “HELP” will be displayed and the audio system will become inoperable.

OTHER CONTROLS AND EQUIPMENT

Battery Installation

Install a lithium battery (CR2025) with the poles facing the correct direction.

EXAMPLE



Battery replacement timing

- When battery power is depleted, the button may not be operable. If the remote controller does not operate, replace the battery and check the operation.

Caution on battery

- Be sure to follow the instructions to prevent battery leakage, over-heating, ignition or explosion.

⚠ WARNING

- Do not expose the battery to flame. Do not short circuit, disassemble, or heat the battery.
 - Do not charge the battery.
 - Use the specified type battery.
 - Keep the button-shaped battery away from children to prevent accidental swallowing.
- If the battery is swallowed, contact a doctor immediately.

⚠ CAUTION

- Install the battery with the poles facing the correct direction.
- When not in use for a long period of time, or if the battery is dead, remove the battery from the remote controller.

If battery leakage has occurred, wipe the container first then install a new battery. If the battery solution contacts the skin, wash off with water completely.

Caution on Remote Controller

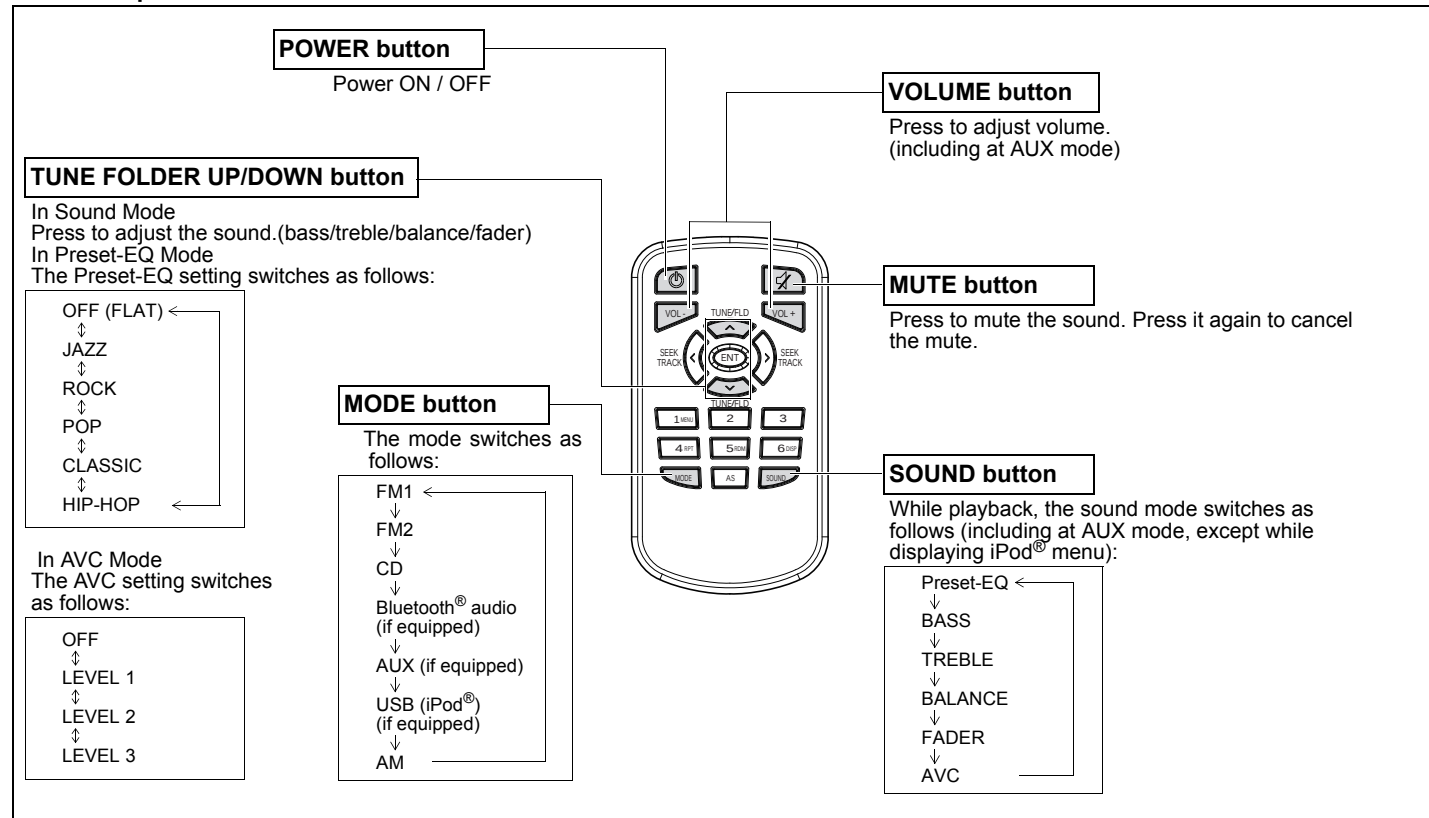
- Do not leave the remote controller in an area exposed to direct sunlight, such as on the dashboard or steering wheel. The remote controller may deform because of the heat, (Be especially careful of the dashboard exposed to direct sunlight in the summer, as it will become extremely hot).

OTHER CONTROLS AND EQUIPMENT

- When the vehicle is parked in an area exposed to direct sunlight, Ensure the remote controller is placed in an area not exposed to direct sunlight. For example: Glove box.
Under direct sunlight, signal reception from the remote controller weakens. If this happens, hold the remote controller close to the signal receptor on the front panel.

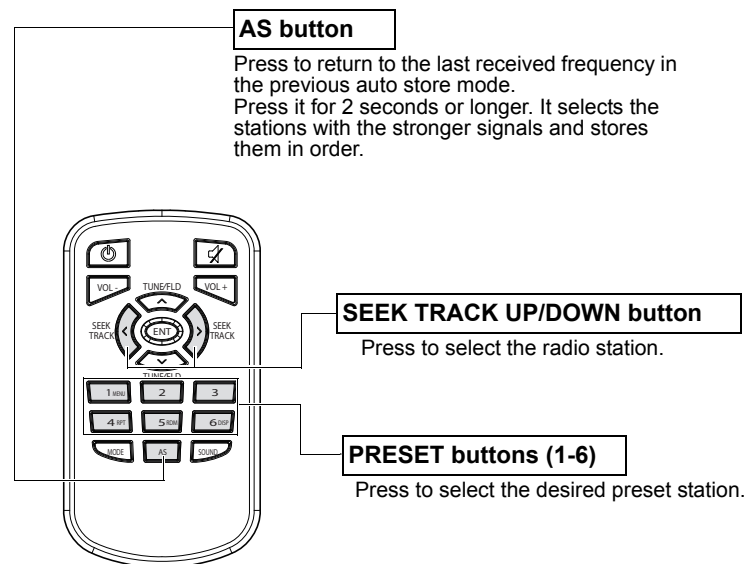
OTHER CONTROLS AND EQUIPMENT

Remote Controller (if equipped) Common operations



OTHER CONTROLS AND EQUIPMENT

Radio operations



NOTE:

When there are fewer than 6 stations that can be stored even if 1 round of auto store operation is performed, no station will be stored at the remaining preset buttons.

OTHER CONTROLS AND EQUIPMENT

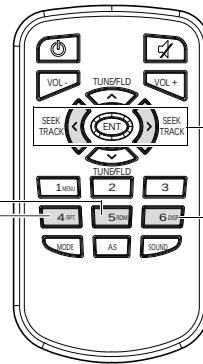
CD operations

RDM (5) button

Press to play the current track randomly.
Press it again to cancel.

RPT (4) button

Press to plays the current track repeatedly.
Press it again to cancel.



SEEK TRACK UP/DOWN button

Press to skip to the next/previous track.
Press it for 1 second or longer to fast-forward/fast-rewind the track.

DISP (6) button

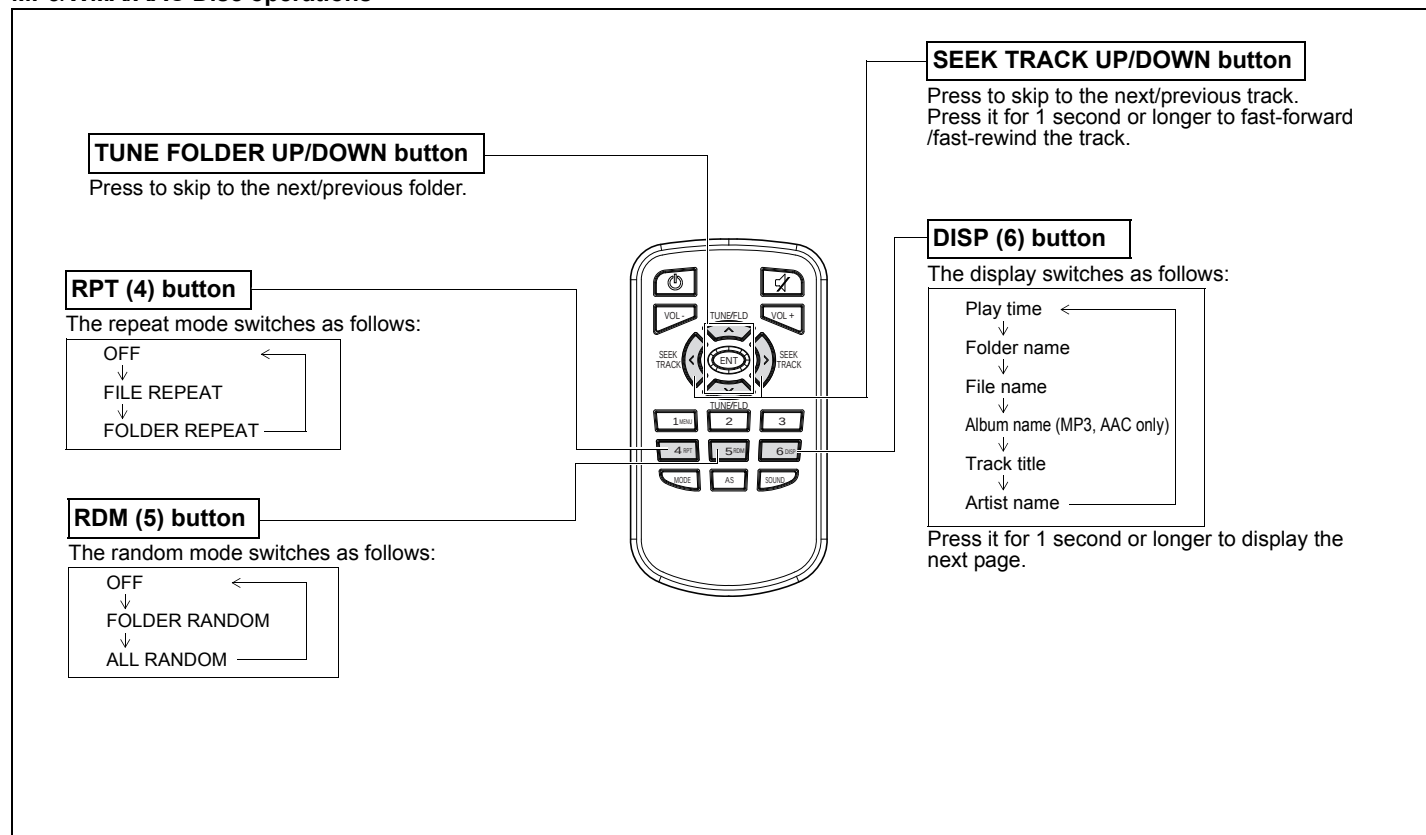
The display switches as follows:

Play time ←
↓
Disc title
↓
Track title

Press it for 1 second or longer to display the next page.

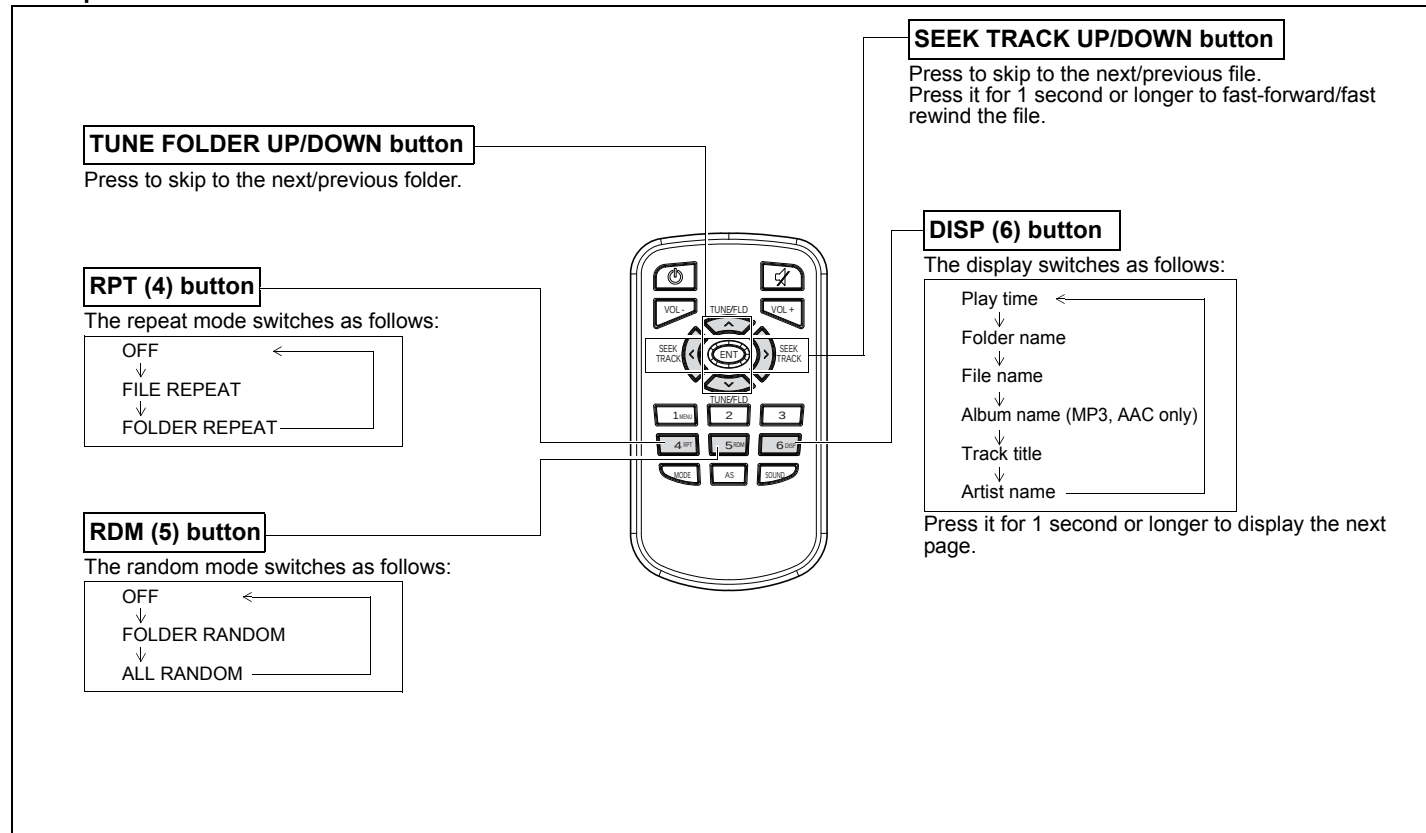
OTHER CONTROLS AND EQUIPMENT

MP3/WMA/AAC Disc operations



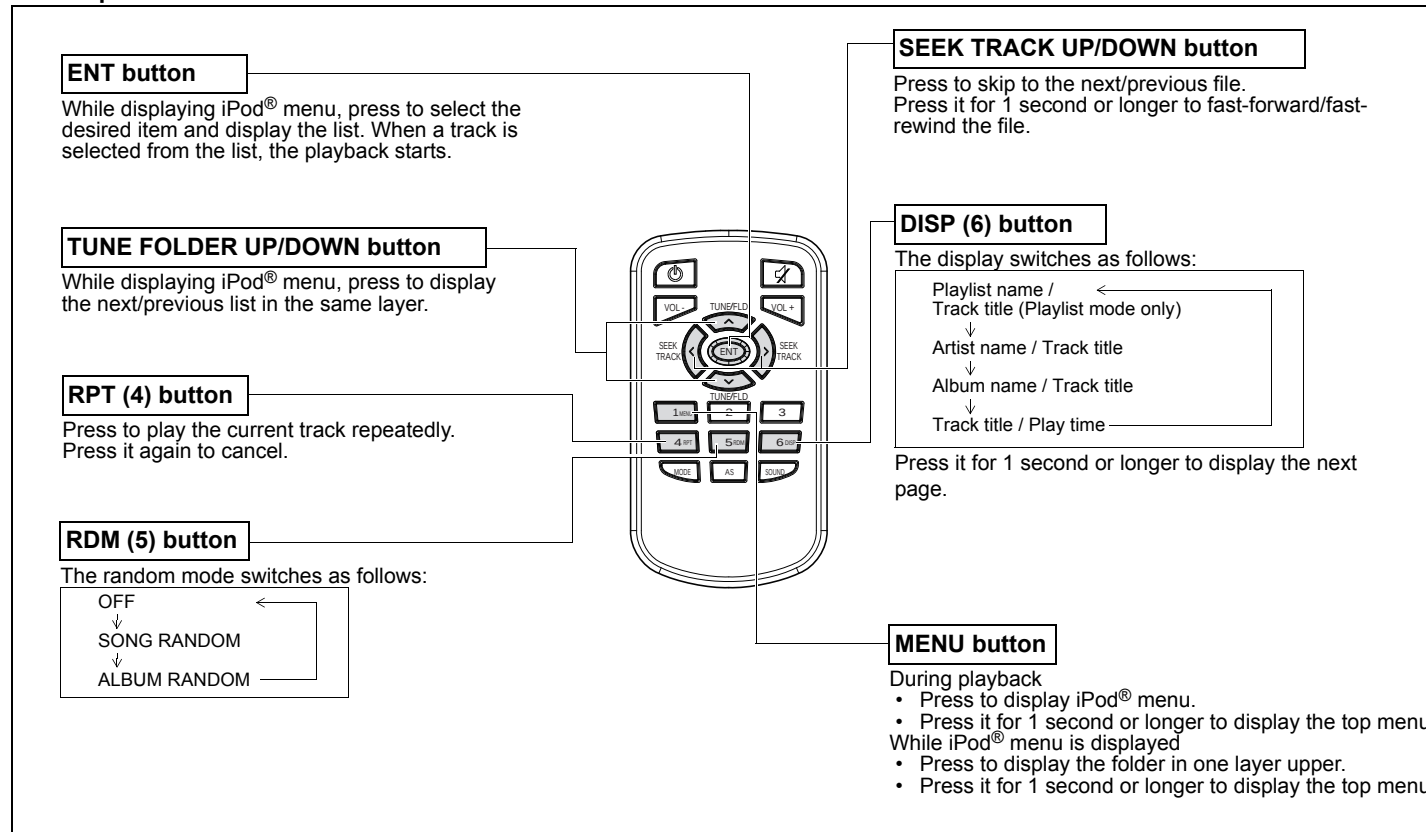
OTHER CONTROLS AND EQUIPMENT

USB operations



OTHER CONTROLS AND EQUIPMENT

iPod® operations



OTHER CONTROLS AND EQUIPMENT

Troubleshooting

When encountered a problem, check and follow the instructions as described below.

If the described suggestions do not solve the problem, it is recommended to take the unit to your Maruti Suzuki authorised workshop.

Problem	Possible cause	Possible solution
---------	----------------	-------------------

Common

Unable to operate	The security function is on.	When "SECURITY" is displayed, enter the ID. When "HELP" is displayed, contact your Maruti Suzuki authorised workshop.
Unable to turn on the power (no sound). (No sound is produced)	Fuse is blown.	Contact your Maruti Suzuki authorised workshop.

Radio

Much noise	It may not be exactly tuned in to the station.	Tune it in exactly to the station.
Unable to receive by auto tuning	There may be no station emitting signals powerful enough.	Pick up a station by manual tuning.

CD

Sound skips or noise produced	The disc is dirty.	Wipe the disc with a soft cloth.
	The disc has a major scratch or is warped.	Replace the disc with the one with no scratch and also not warped.

OTHER CONTROLS AND EQUIPMENT

Problem	Possible cause	Possible solution
---------	----------------	-------------------

MP3/WMA/AAC

No playback	The disc contains unsupported formatted data.	Check the file format.
Sound skips or noise produced	Sound skipping may occur when playing VBR (Variable Bit Rate) files.	It is not recommended to play VBR files.

USB

Playback does not start when the USB device is connected.	There is no supported format file to play on this unit.	Check the file format.
	The current consumption of the USB device exceeds 1.0 A.	Use an USB device with a current consumption lower than 1.0 A.

Bluetooth®

Pairing failed	The distance between this unit and the Bluetooth® ready device is too far, or a metallic object may be located between the Bluetooth® ready device and this unit.	Change the location of the Bluetooth® ready device.
	The Bluetooth® function of the Bluetooth® ready device is off.	Refer to the manual of the Bluetooth® ready device. (Some devices have the power saving function that automatically activates after a certain time.)
Unable to receive a call.	Your current location may be out of service area.	Drive your vehicle to the service area of the phone.
The voice quality of hands-free is low (Distortion, noise etc.).	Another wireless device may be located near the unit.	Switch off the wireless device or keep it away from the unit.

OTHER CONTROLS AND EQUIPMENT

Error Display Messages

Display	Possible cause	Possible solution
---------	----------------	-------------------

CD

ERROR 1	The disc cannot be read.	Insert the disc with its label side up. Check the disc if it is not warped or is free of flaws. When ERROR 1 does not disappear even when a normal disc is inserted, contact your Maruti Suzuki authorised workshop.
ERROR 3	The player developed an error of an unidentified cause.	When the CD is in the unit, press the CD eject button to remove the disc. When the disc cannot be ejected, contact your Maruti Suzuki authorised workshop.

USB/iPod®

ERROR 1	The USB device is disconnected.	Check the connection of the USB device.
ERROR 2	Impossible to communicate correctly with the USB device.	Unplug the USB device and plug it again. Check the USB device.
ERROR 3	Inoperable due to an unidentified cause.	Unplug the USB device and plug it again. When ERROR 3 does not disappear, contact your Maruti Suzuki authorised workshop.
ERROR 4	The current consumption of the USB device exceeds 1.0 A.	Check the USB device.

OTHER CONTROLS AND EQUIPMENT

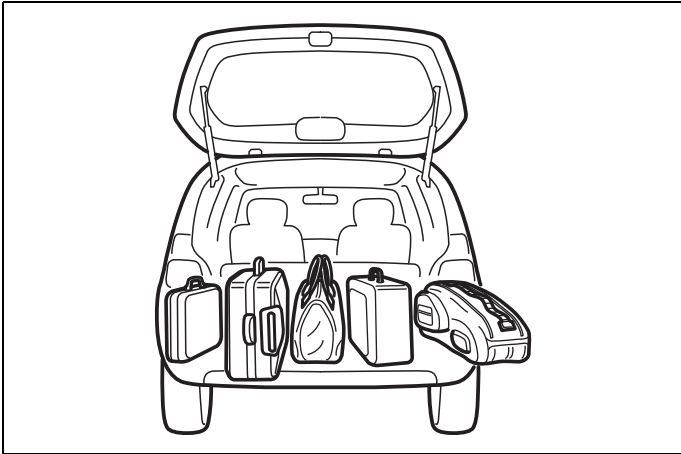
Display	Possible cause	Possible solution
---------	----------------	-------------------

Bluetooth®

ERROR 1	The player developed an error of an unidentified cause.	Disconnect the Bluetooth® ready device and connect it again. When ERROR 1 does not disappear, contact your Maruti Suzuki authorised workshop.
Failed	Failed to establish pairing	Try to establish the pairing again.
Memory Full	Reached the limit for the number of connected device information	Delete information of unnecessary devices and try to establish the pairing again.
Not Avail.	Inoperable during driving	Operate the system after pulling over your vehicle.
Not Linked	Phone is disconnected	Try to establish the pairing again.

VEHICLE LOADING AND TOWING

Vehicle Loading 6-1
Trailer Towing 6-1



54G215

VEHICLE LOADING AND TOWING

Vehicle Loading

Your vehicle was designed for specific weight capacities. The weight capacities of your vehicle are indicated by the Gross Vehicle Weight Rating (GVWR) and the Permissible maximum Axle Weight (PAW, front and rear). The GVWR and PAW (front and rear) are listed in the "SPECIFICATIONS" section.

GVWR – Maximum permissible overall weight of the fully loaded vehicle (including all the occupants, accessories and cargo plus the trailer nose weight if towing a trailer).

PAW – (Front and Rear) Maximum permissible weight on an individual axle.

Actual weight of the loaded vehicle and actual loads at the front and rear axles can only be determined by weighing the vehicle. Compare these weights to the GVWR and PAW (front and rear). If the gross vehicle weight or the load on either axle exceeds these ratings, you must remove enough weight to bring the load down to the rated capacity.

WARNING

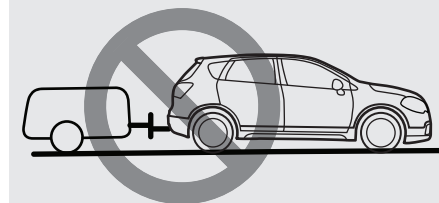
Never overload your vehicle. The gross vehicle weight (sum of the weights of the vehicle, all the occupants, accessories, cargo plus trailer nose weight if towing a trailer) must never exceed the Gross Vehicle Weight Rating (GVWR). In addition, never distribute a load so that the weight on either the front or rear axle exceeds the Permissible maximum Axle Weight (PAW).

WARNING

Always distribute cargo evenly. To avoid personal injury or damage to your vehicle, always secure cargo to prevent it from shifting if the vehicle moves suddenly. Place heavier objects on the floor and as far forward in the cargo area as possible. Never pile cargo higher than the top of the seat backs.

Trailer Towing

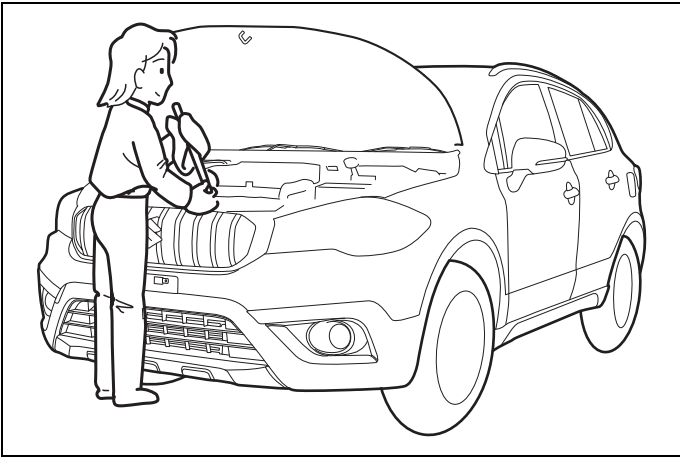
EXAMPLE



64MM06001

Your Vehicle was originally designed to carry people and a normal amount of cargo, not to tow a trailer. MARUTI SUZUKI does not recommend you use your vehicle to tow a trailer. Towing a trailer can adversely affect handling, durability, and fuel economy.

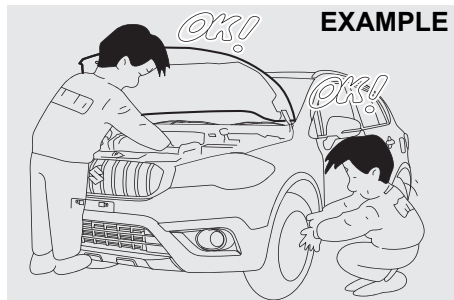
INSPECTION AND MAINTENANCE



64MM07000

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INSPECTION AND MAINTENANCE



64MM03006

WARNING

Take extreme care when working on your vehicle to prevent accidental injury. Carefully observe the following precautions:

(Continued)

WARNING

(Continued)

- To prevent damage or unintended activation of the air bag system be sure the lead-acid battery is disconnected and the ignition switch has been in the “LOCK” position or ignition mode has been in “LOCK” (OFF) for at least 90 seconds before performing any electrical service work on your MARUTI SUZUKI vehicle. Do not touch air bag system components, pretensioner system components or wires. The wires are wrapped with yellow tape or yellow tubing, and the couplers are yellow for easy identification.
- Do not leave the engine running in garages or other confined areas.
- When the engine is running, keep hands, clothing, tools, and other objects away from the fan and drive belt. Even though the fan may not be moving, it can automatically turn on without warning.
- When it is necessary to perform service work with the engine running, check that the parking brake is set fully and the transaxle is in Neutral (for manual transaxle vehicles) or Park (for automatic transaxle vehicles).

(Continued)

WARNING

(Continued)

- Do not touch ignition wires or other ignition system parts when starting the engine or when the engine is running, or you could receive an electric shock.
- Be careful not to touch a hot engine, exhaust manifold and pipes, muffler, radiator and water hoses.
- Do not allow smoking, sparks, or flames around fuel or the lead-acid battery. Flammable fumes are present.
- Do not get under your vehicle if it is supported only with the portable jack provided in your vehicle.
- Be careful not to cause accidental short circuits between the positive and negative lead-acid battery terminals.
- Keep used oil, coolant, and other fluids away from children and pets. Dispose of used fluids properly; never pour them on the ground, into sewers, etc.

INSPECTION AND MAINTENANCE

Maintenance Schedule

The following table shows the times when you should perform regular maintenance on your vehicle. This table shows in kilometers and months when you should perform inspections, adjustments, lubrication and other services.

WARNING

MARUTI SUZUKI recommends that maintenance on your vehicle should be performed by a Maruti Suzuki authorised workshop.

NOTICE

Whenever it becomes necessary to replace parts on your vehicle, it is recommended that you use MARUTI genuine replacement parts or their equivalent.

Periodic Maintenance Schedule

“C”: Clean

“R”: Replace or Change

“I”: Inspect, clean, adjust, lubricate or replace as necessary

“L”: Lubricate

“T”: Tighten to Specified Torque

“O”: Rotate

NOTE:

This table includes services as scheduled up to 80,000 km mileage. Beyond 80,000 km, carry out the same services at the same intervals respectively.

INSPECTION AND MAINTENANCE

Interval: This interval should be judged by odometer reading or months, whichever comes first.		FREE INSPECTION			PERIODIC MAINTENANCE AT COST							
		km (x1000)	1	5	10	20	30	40	50	60	70	80
		months	1	6	12	24	36	48	60	72	84	96
ENGINE												
1-1.	ISG Belt	–	–	I	I	R	I	I	R	I	I	
1-2.	Engine Coolant (Level, Leakage)	I	I	I	R	I	R	I	R	I	R	
1-3.	Engine oil, engine oil filter and drain plug gasket (Level, Leakage)	I	I	R	R	R	R	R	R	R	R	
1-4.	Cooling system hoses and connections (Leakage and Damage)	I	I	I	I	I	I	I	I	I	I	
1-5.	Engine Mounting & manifold fixing (Loose, Damage)	–	–	I	–	I	–	I	–	I	–	
1-6.	Valve Clearance	–	–	–	–	I	–	–	I	–	–	
1-7.	Exhaust System (Noise, Leakage etc.)	–	I	–	I	–	I	–	I	–	I	
1-8.	Positive Crank Case Ventilation System (Hoses, Connections and Valve)	–	I	–	I	–	I	–	I	–	I	
IGNITION												
2-1.	Ignition wire (Damage, Deterioration)	–	–	–	I	–	I	–	I	–	I	
2-2.	Spark plug	–	–	–	–	–	R	–	–	–	R	
FUEL												
3-1.	Air cleaner filter element	Paved-road	Clean every 5,000 KM. Replace after every 40,000 KM.									
		Dusty Condition	Clean every 2,500 KM or as required. Replace after every 40,000 KM.									
			Replace more frequently if dust condition is severe.									
3-2.	Fuel tank cap, fuel lines and connections (Leakage and Damage)	-	I	-	-	-	I	-	-	-	I	
3-3.	Fuel filter	-	-	-	-	-	R	-	-	-	R	
CLUTCH AND TRANSAXLE												
4-1.	Clutch fluid (Level, Leakage)	I	I	I	R	I	R	I	R	I	R	
4-2.	Clutch slipping (Dragging or Excess Damage)	I	I	I	I	I	I	I	I	I	I	
4-3.	Manual transaxle oil (Level, Leakage)	I	I	I	I	I	I	I	I	I	I	
4-4.	Automatic Transaxle Fluid (Level, Leakage)	Replace at 1,65,000 km or 11 years whichever comes first										
4-5.	Automatic Transaxle cooling system hoses and pipe (Leakage and Damage)	I	I	I	I	I	I	I	I	I	I	
4-6.	Gear shifter (Operation)	I	I	I	I	I	I	I	I	I	I	
DRIVE SHAFT												
5-1.	Drive shaft noise	I	I	I	I	I	I	I	I	I	I	
5-2.	Drive shaft boot (Damage)	-	I	I	I	I	I	I	I	I	I	

INSPECTION AND MAINTENANCE

Interval: This interval should be judged by odometer reading or months, whichever comes first.		FREE INSPECTION				PERIODIC MAINTENANCE AT COST						
		km (x1000)	1	5	10	20	30	40	50	60	70	80
		months	1	6	12	24	36	48	60	72	84	96
BRAKE												
6-1.	Brake fluid (Level, Leakage)	I	I	I	R	I	R	I	R	I	R	
6-2.	Brake pedal (Pedal - floor carpet clearance)	I	I	I	I	I	I	I	I	I	I	
6-3.	Parking brake lever and cable (Play, Damage)	I	I	I	I	I	I	I	I	I	I	
6-4.	Brake disc and pad (Wear)	-	I	I	I	I	I	I	I	I	I	
6-5.	Master cylinder (Fluid leakage), caliper piston (Fluid leakage, Boot/Seal damage)	I	I	I	I	I	I	I	I	I	I	
6-6.	Brake hoses and pipes (Fluid leakage, Damage)	I	I	I	I	I	I	I	I	I	I	
WHEEL												
7-1.	Tires (Air pressure, Abnormal wear, Crack and Rotation)	I	I&O	I&O	I&O	I&O	I&O	I&O	I&O	I&O	I&O	
7-2.	Wheels (Damage)	I	I	I	I	I	I	I	I	I	I	
7-3.	Front/Rear wheel bearing (Loose, Damage)	I	I	I	I	I	I	I	I	I	I	
FRONT / REAR SUSPENSION												
8-1.	Suspension strut (Oil leakage, Damage)	I	I	I	I	I	I	I	I	I	I	
8-2.	Suspension arms / Knuckle support and Torsion rods (Loose, Damage)	-	I	I	I	I	I	I	I	I	I	
8-3.	Rear spring (Damage)	I	I	I	I	I	I	I	I	I	I	
8-4.	Shock absorbers (Oil leakage, Damage)	I	I	I	I	I	I	I	I	I	I	
8-5.	All bolts and nuts (Loose)	-	T	T	T	T	T	T	T	T	T	
STEERING												
9-1.	Steering wheel (Play, Loose)	I	I	I	I	I	I	I	I	I	I	
9-2.	All rods and arms (Loose, Damage, Wear)	I	I	I	I	I	I	I	I	I	I	
9-3.	Tilt steering (Operation)	I	I	I	I	I	I	I	I	I	I	
ELECTRICAL												
10-1.	Battery - Electrolyte (Level, Leakage) and voltage	I	I	I	I	I	I	I	I	I	I	
10-2.	Wiring harness connection (Loose, Damage)	-	I	I	I	I	I	I	I	I	I	
10-3.	Lighting system (Operation, Stains, Damage)	I	I	I	I	I	I	I	I	I	I	
10-4.	Wiper (Operation)	I	I	I	I	I	I	I	I	I	I	
10-5.	Horn (Operation)	I	I	I	I	I	I	I	I	I	I	
10-6.	Accessory and AUX, USB socket (if equipped) (Operation)	-	I	I	I	I	I	I	I	I	I	

7-4

INSPECTION AND MAINTENANCE

Interval: This interval should be judged by odometer reading or months, whichever comes first.		FREE INSPECTION			PERIODIC MAINTENANCE AT COST							
		km (x1000)	1	5	10	20	30	40	50	60	70	80
		months	1	6	12	24	36	48	60	72	84	96
BODY												
11-1.	All chassis bolts and nuts (Tighten)	-	T	T	T	T	T	T	T	T	T	
11-2.	All latches, hinges and locks (Function)	I	I&L	I&L	I&L	I&L	I&L	I&L	I&L	I&L	I&L	
ROAD TEST												
12-1.	Operation of Brakes, gear shifting and speedometer	I	I	I	I	I	I	I	I	I	I	
12-2.	Body and chassis noise	I	I	I	I	I	I	I	I	I	I	
AIR CONDITIONER												
13-1.	Check belt tension	I	I	I	I	I	I	I	I	I	I	
13-2.	Tighten compressor mounting bolt	-	T	T	T	T	T	T	T	T	T	
13-3.	All hose joint (Check, Tighten)	I	I	I	I	I	I	I	I	I	I	
13-4.	Check functioning of recirculating flap	I	I	I	I	I	I	I	I	I	I	
13-5.	Clean condenser with low pressure water	-	C	C	C	C	C	C	C	C	C	
13-6.	Check belt for frayed edges	I	I	I	I	I	I	I	I	I	I	
13-7.	Check all mounting bolts	I	I	I	I	I	I	I	I	I	I	
13-8.	Air conditioner filter element	I	I	I	I	R	I	I	R	I	I	

INSPECTION AND MAINTENANCE

Drive Belt

WARNING

When the engine is running, keep hands, hair, clothing, tools, etc. away from the moving fan and drive belts.

The drive belt tension is adjusted automatically.

If the belt is too loose, insufficient lead-acid battery charging, engine overheating, poor air conditioning, or excessive belt wear can result.

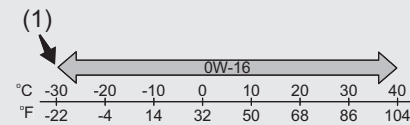
The belts should also be examined to ensure that they are not damaged.

If you need to replace or adjust the belt have it done by a Maruti Suzuki authorised workshop.

Engine Oil and Filter

Specified Oil

EXAMPLE



64MM07025

(1) Recommended

Check that the engine oil you use comes under the quality classification of SN. Select the appropriate oil viscosity according to the above chart.

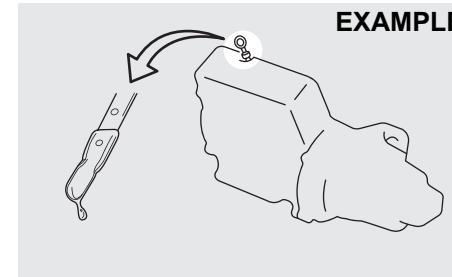
SAE 0W-16 (1) is the best choice for good fuel economy and good startability in cold weather.

NOTE:

We recommend that you use MARUTI SUZUKI genuine oil. To purchase it, visit a Maruti Suzuki authorised workshop.

Oil Level Check

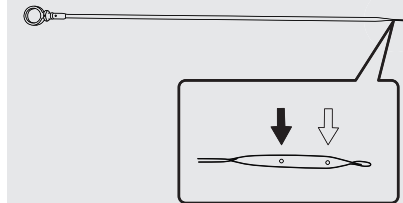
EXAMPLE



64MM07026

EXAMPLE

Upper →
Lower ⇨



64MM07027

- (1) MIN
- (2) MAX
- (3) Engine oil dipstick

It is important to keep the engine oil at the correct level for proper lubrication of your vehicle's engine. Check the oil level with

INSPECTION AND MAINTENANCE

the vehicle on a level surface. The oil level indication may be inaccurate if the vehicle is on a slope. The oil level should be checked either before starting the engine or at least 5 minutes after stopping the engine.

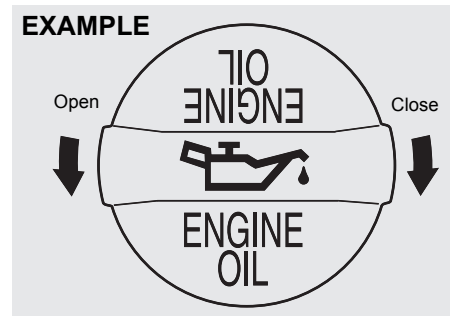
The handle of the engine oil dipstick is colored yellow for easy identification.

Pull out the oil dipstick, wipe oil off with a clean cloth, insert the dipstick all the way into the engine, then remove it again. The oil on the stick should be between the upper and lower limits shown on the stick. If the oil level indication is near the lower limit, add enough oil to raise the level to the upper limit.

NOTICE

Failure to check the oil level regularly could lead to serious engine trouble due to insufficient oil.

Refilling

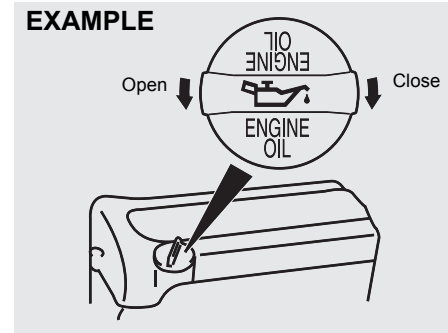


64MM07028

Remove the oil filler cap and pour oil slowly through the filler hole to bring the oil level to the upper limit on the dipstick. Be careful not to overfill. Too much oil is almost as bad as too little oil. After refilling, start the engine and allow it to idle for about a minute. Stop the engine, wait about 5 minutes and check the oil level again.

Changing Engine Oil and Filter

Drain the engine oil while the engine is still warm.



64MM07030

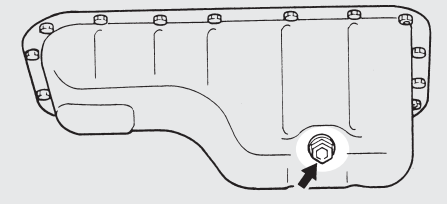
- 1) Remove the oil filler cap.
- 2) Place a drain pan under the drain plug.
- 3) Using a wrench, remove the drain plug and drain out the engine oil.

CAUTION

The engine oil temperature may be high enough to burn your fingers when the drain plug is loosened. Wait until the drain plug is cool enough to touch with your bare hands.

INSPECTION AND MAINTENANCE

EXAMPLE



60G306

Tightening torque for drain plug
35 Nm (3.6 kg-m, 25.8 lb-ft)

⚠ WARNING

- Engine oil can be hazardous. Children and pets may be harmed by swallowing new or used oil. Keep new and used oil and used oil filters away from children and pets.
- Repeated, prolonged contact with used engine oil may cause skin cancer.
- Brief contact with used oil may irritate skin.
- To minimize your exposure to used oil, wear a long-sleeve shirt and moisture-proof gloves (such as dishwashing gloves) when changing oil. If oil contacts your skin, wash thoroughly with soap and water.
- Launder any clothing or rags if it is with oil.

(Continued)

⚠ WARNING

(Continued)

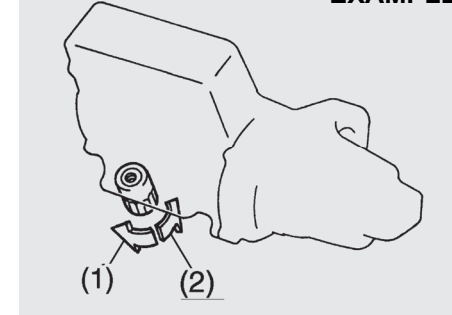
- **Recycle or properly dispose of used oil and oil filters.**

- 4) Reinstall the drain plug and gasket. Tighten the plug with a wrench to the specified torque.

Oil Filter Replacement

- 1) Using an oil filter wrench, turn the oil filter counterclockwise and remove it.
- 2) Using a clean rag, wipe off the mounting surface on the engine where the new filter will be seated.
- 3) Smear a small amount of engine oil around the rubber gasket of the new oil filter.
- 4) Screw the new filter by hand until the filter gasket contacts the mounting surface.

EXAMPLE

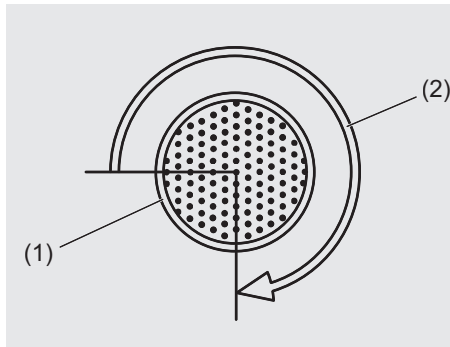


64MM07029

- (1) Loosen
- (2) Tighten

INSPECTION AND MAINTENANCE

Tightening (viewed from filter top)



- (1) Oil filter
(1) 3/4 turn

NOTICE

To tighten the oil filter properly, it is important to accurately identify the position at which the filter gasket first contacts the mounting surface.

- 5) Tighten the filter as specified below from the point of contact with the mounting surface (or to the specified torque) using an oil filter wrench.

Tightening torque for oil filter
3/4 turn or
14 Nm (1.4 kg-m, 10.3 lb-ft)

NOTICE

To prevent oil leakage, make sure that the oil filter is tight, but do not over-tighten it.

Refill with Oil and Oil Leakage Check

- 1) Pour oil through the filler hole and install the filler cap. For the approximate capacity of the oil, refer to "Capacities" in "SPECIFICATIONS" section.
- 2) Start the engine and carefully check the oil filter and the drain plug for leakage. Run the engine at various speeds for at least 5 minutes.
- 3) Stop the engine and wait about 5 minutes. Check the oil level again and add oil if necessary. Check for leakage again.

NOTICE

- When replacing the oil filter, it is recommended that you use a MARUTI genuine replacement filter. If you use an after market filter, make sure it is of equivalent quality and follow the manufacturer's instructions.
- Oil leakage from periphery of the oil filter or drain plug indicate incorrect installation or gasket damage. If you find any leakage or are not sure that the filter has been properly tightened, have the vehicle inspected by a Maruti Suzuki authorised workshop.

Engine Coolant

Selection of Coolant

To maintain optimum performance and durability of your engine, use MARUTI Genuine Coolant or equivalent.

This type of coolant is the best for cooling system for the following reasons:

- The coolant helps to maintain proper engine temperature.
- It gives proper protection against freezing and boiling.
- It gives proper protection against corrosion and rust.

Failure to use the proper coolant can damage your cooling system. Your Maruti Suzuki authorised workshop can help you select the proper coolant.

NOTICE

To avoid damaging your cooling system:

- Always use a high quality ethylene glycol base non-silicate type coolant diluted with distilled water at the correct mixture concentration.
- Make sure that the proper mix is 30/70 coolant to distilled water and in no case higher than 70/30. Concentrations greater than 70/30 coolant to distilled water will cause overheating conditions.

(Continued)

NOTICE

(Continued)

- Do not use straight coolant nor plain water.
- Do not add extra inhibitors or additives. They may not be compatible with your cooling system.
- Do not mix different types of base coolants. Doing so may result in accelerated seal wear and/or the possibility of severe overheating and extensive engine damage.

Coolant Level Check

Check the coolant level at the reservoir tank, not at the radiator. With the engine cool, the coolant level should be between the "FULL" and "LOW" marks.

Adding Coolant

⚠ WARNING

Swallowing engine coolant can cause severe injury or death. Inhaling coolant mist or vapors or getting coolant in your eyes could result in severe injury.

- Do not drink antifreeze or coolant solution. If swallowed, do not induce vomiting. Immediately contact a poison control center or a physician.

(Continued)

⚠ WARNING

(Continued)

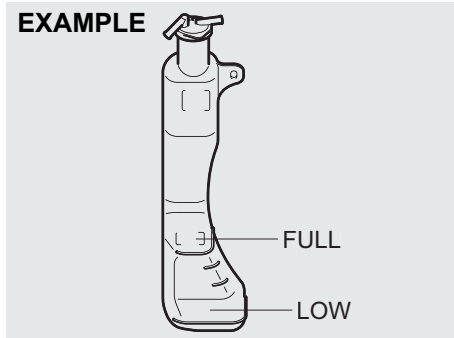
- Avoid inhaling coolant mist or hot vapors. If inhaled, remove to a fresh air area.
- If coolant gets in the eyes, flush with water and seek medical attention.
- Wash thoroughly after handling coolant.
- Keep engine coolant out of the reach of children and pets.

NOTICE

- The mixture you use should contain 50% concentration of antifreeze.
- If the lowest ambient temperature in your area is expected to be -35°C (-31°F) or below, use higher concentrations up to 60% following the instructions on the antifreeze container.

INSPECTION AND MAINTENANCE

EXAMPLE



64MM07031

If the coolant level is below the “LOW” mark, more coolant should be added. While the engine is cool, remove the reservoir tank cap and add coolant until reservoir tank level reaches “FULL” mark. Never fill the reservoir tank above the “FULL” mark.

NOTICE

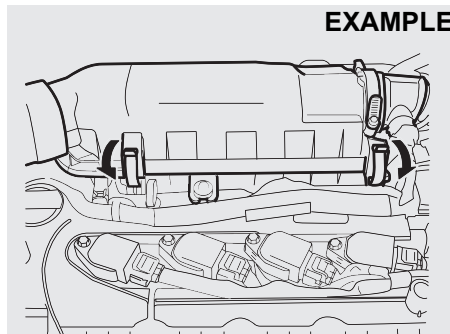
When putting the cap on the reservoir tank, line up the mark on the cap and the mark on the tank. Failure to follow this can result in coolant leakage.

Coolant Replacement

Since special procedures are required, we recommend you take your vehicle to your Maruti Suzuki authorised workshop for coolant replacement.

Air Cleaner

If the air cleaner is clogged with dust, there will be greater intake resistance, resulting in decreased power output and increased fuel consumption.



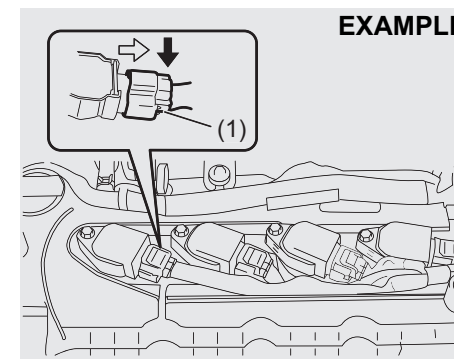
EXAMPLE

64MM07032

- 1) Unclamp the side clamps and remove the element from the air cleaner case. If it appears to be dirty, replace it with a new one.
- 2) Clamp the side clamps securely.

Spark Plugs

For nickel spark plugs (traditional type): You should inspect spark plugs periodically for carbon deposits. When carbon accumulates on a spark plug, a strong spark may not be produced. Remove carbon deposits with a wire or pin.



EXAMPLE

64MM07033

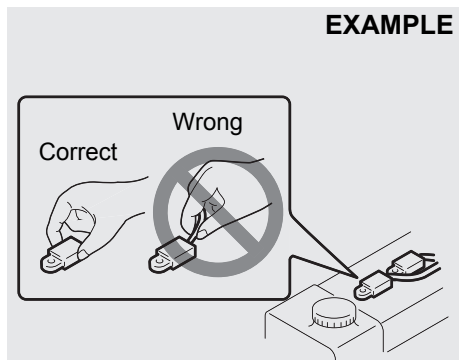
To access the spark plug:

- 1) If necessary, disconnect the coupler (1) while pushing the release lever.
- 2) Remove the ignition coil bolts.
- 3) Pull the spark plug boots out.

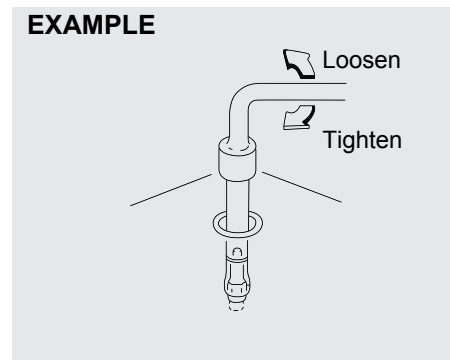
NOTE:

During installation, make sure that the wires, couplers, sealing rubber of air cleaner assembly and washers, are correctly returned in place.

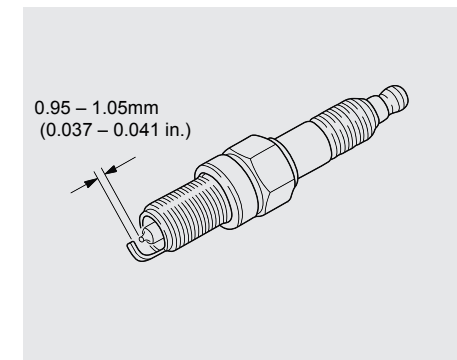
INSPECTION AND MAINTENANCE



64MM07034



64MM07035



64MM07036

NOTICE

- When pulling out the ignition coils, do not pull on the cable. Pulling on the cable can damage it.
- When servicing the iridium/platinum spark plugs (slender center electrode type plugs), do not touch the center electrode, as it is easy to damage.

NOTICE

- When installing the spark plugs, screw them in with your fingers to avoid stripping the threads. Tighten the spark plugs with a torque wrench to 17.5 Nm (1.8 kgm, 13.0 lb-ft). Do not allow contaminants to enter the engine through the spark plug holes when the plugs are removed.
- Never use spark plugs with the wrong thread size.

NOTICE

- When replacing spark plugs, you should only use the brand and type specified for your vehicle. For the specified plugs, refer to “SPECIFICATIONS” section in the end of this manual.

INSPECTION AND MAINTENANCE

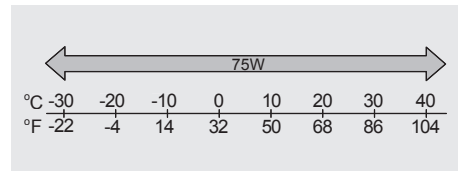
Gear Oil

Specified gear oil

When adding gear oil, use gear oil with the appropriate viscosity and grade as shown in the chart below.

We highly recommend you use:
“MARUTI GENUINE GEAR OIL 75W” for manual transaxle gear oil.

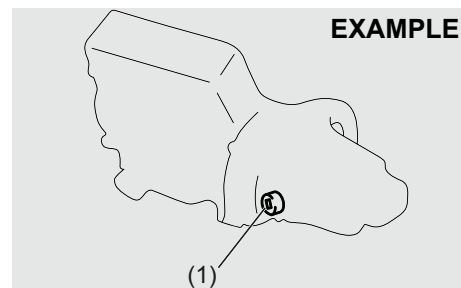
Manual Transaxle Oil



64MM07037

Gear Oil Level Check

Manual Transaxle



64MM07038

(1) Oil filler and level plug

To check the gear oil level, use the following procedure:

- 1) Park the vehicle on a level surface with the parking brake applied. Then, stop the engine.
- 2) Remove the oil filler and level plug (1).
- 3) If gear oil flows from the plug hole, the oil level is correct. Reinstall the plug. If gear oil does not flow from the plug hole, add oil through the filler plug hole until oil flows a little from the plug hole.
- 4) If the oil level is low, add gear oil through the oil filler and level plug hole (1) until the oil level reaches the bottom of the filler hole, then reinstall the plug.

Tightening torque for oil filler and level plug (1):

Manual Transaxle:

21 Nm (2.1 kg-m, 15.5 lb-ft)

CAUTION

After driving the vehicle, the gear oil temperature may be high enough to burn you. Wait until the oil filler and level plug is cool enough to touch with your bare hands before inspecting gear oil level.

NOTICE

When tightening the plug, apply the following sealing compound or equivalent to the plug threads to prevent oil leakage.

MARUTI SUZUKI Bond No. “1216E” or “1217G”

Gear Oil Change

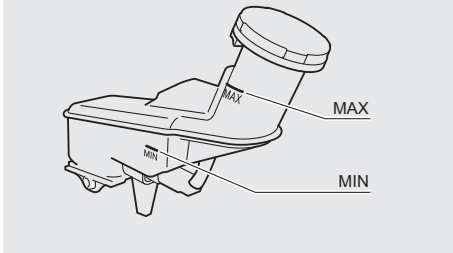
Since special procedures, materials and tools are required, ask a Maruti Suzuki authorised workshop for this job.

INSPECTION AND MAINTENANCE

Clutch Pedal

Fluid Control Clutch

EXAMPLE



64MM07039

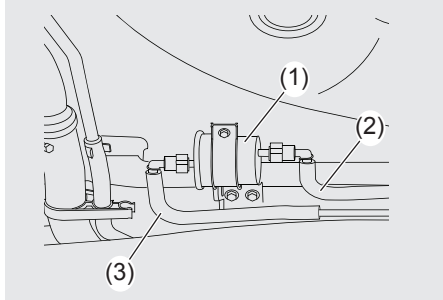
Check the clutch pedal for smooth operation and clutch fluid level from time to time. If clutch dragging is felt with the pedal fully depressed, have the clutch inspected by a Maruti Suzuki authorised workshop. If the clutch fluid level is near the “MIN” line, fill it up to the “MAX” line with Maruti Genuine Brake Fluid (MGBF) or DOT 3.

We highly recommend to use “Maruti Genuine Brake Fluid” (MGBF).

Fuel Filter

The fuel filter is located on the way of the fuel hose line under the vehicle body.

EXAMPLE



64MM07040

- (1) Fuel filter
- (2) Fuel inlet hose
- (3) Fuel outlet hose

Replace the fuel filter

Since special procedure are required, we recommend you take your vehicle to a Maruti Suzuki authorised workshop for fuel filter replacement.

Automatic Transaxle (AT) Fluid

Specified Fluid

Use an automatic transaxle fluid SUZUKI AT OIL AW-1.

Fluid Level Check

NOTICE

Driving with too much or too little fluid can damage the transaxle.

You must check the fluid level with the automatic transaxle fluid at normal operating temperature.

To check the fluid level:

- 1) To warm up the transaxle fluid, drive the vehicle or idle the engine until the engine coolant temperature light (blue color) goes off.
- 2) Then drive for ten more minutes.

NOTICE

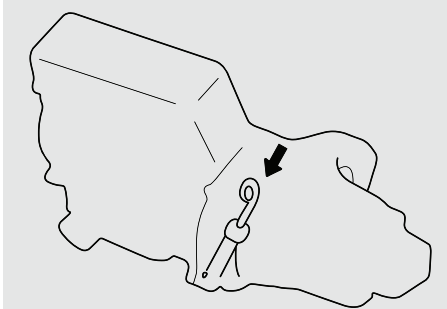
Be sure to use the specified automatic transaxle fluid. Using automatic transaxle fluid other than SUZUKI AT OIL AW-1 may damage the automatic transaxle of your vehicle.

INSPECTION AND MAINTENANCE

NOTE:

Do not check the fluid level if you have just driven the vehicle for a long time at high speed, if you have driven in city traffic in hot weather. Wait until the fluid cools down (about 30 minutes), or the fluid level indication will not be correct.

EXAMPLE



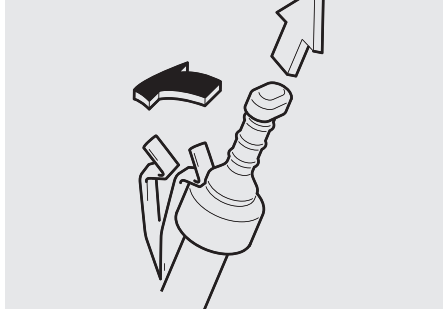
64MM07041

- 3) Park your vehicle on level ground.
- 4) Apply the parking brake and then start the engine in "P" (Park). Let it idle for two minutes and keep it running during the fluid level check.
- 5) With your foot on the brake pedal, move the gearshift lever through each gear position, pausing for about three seconds in each position. Then move it back to "P" (Park) position.

⚠ WARNING

Be sure to depress the brake pedal when moving the gearshift lever, or the vehicle can move suddenly.

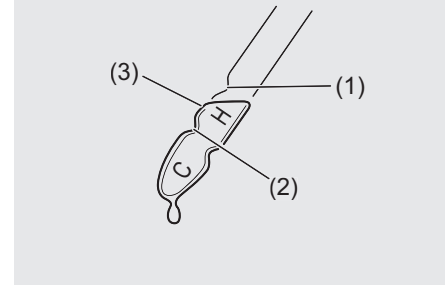
EXAMPLE



64MM07042

- 6) The handle of the A/T fluid dipstick is colored red for easy identification. Remove the dipstick, wipe the oil off with a clean cloth and push it back in until the cap seats. Then pull out the dipstick.
- 7) Check both sides of the dipstick, and read the lowest level. The fluid level should be between the two marks in hot range on the dipstick.

EXAMPLE



64MM07043

- (1) FULL HOT
- (2) LOW HOT
- (3) The lowest point = Fluid level

- 8) Add just enough specified fluid through the dipstick hole to fill the transaxle oil to the proper level.

NOTICE

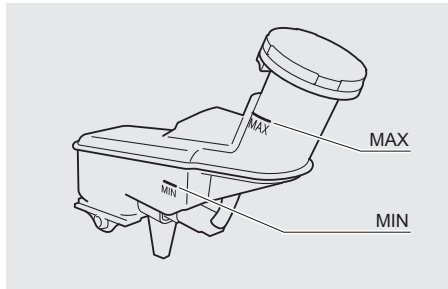
After checking or adding oil, be sure to insert the dipstick securely.

Changing Oil

Since special procedures, materials, and tools are required to change the automatic transaxle oil, ask a Maruti Suzuki authorised workshop for this job.

Brakes

Brake Fluid



64MM07044

Check the brake fluid level by looking at the reservoir in the engine compartment. Check that the fluid level is between the "MAX" and "MIN" lines. If the brake fluid level is near the "MIN" line, fill it up to the "MAX" line with Maruti Genuine Brake Fluid (MGBF) or DOT 3 brake fluid. We highly recommend to use "Maruti Genuine Brake Fluid" (MGBF).

NOTICE

If your brake fluid level is near the "MIN" line, there is a possibility of brake pad and/or shoe wear and brake fluid leakage. Consult with your Maruti Suzuki authorised workshop regarding this possibility before filling the reservoir.

⚠ WARNING

Failure to follow the guidelines below can result in personal injury or serious damage to the brake system.

- If the brake fluid in the reservoir drops below a certain level, the brake warning light on the instrument panel will come on (the engine must be running with the parking brake fully disengaged). Should the light come on, immediately ask your Maruti Suzuki authorised workshop to inspect the brake system.
- A rapid fluid loss indicates leakage in the brake system which should be inspected by a Maruti Suzuki authorised workshop immediately.
- Do not use any fluid other than Maruti Genuine Brake Fluid (MGBF) or DOT 3 brake fluid. Do not use reclaimed fluid or fluid that has been stored in old or open containers. It is essential that foreign particles and other liquids are kept out of the brake fluid reservoir.

⚠ CAUTION

Brake fluid can harm your eyes and damage painted surfaces. Use caution when refilling the reservoir.

⚠ WARNING

Brake fluid is harmful or fatal if swallowed, and harmful if it comes in contact with skin or eyes. If swallowed, do not induce vomiting. Immediately contact a poison control center or a physician. If brake fluid gets in eyes, flush eyes with water and seek medical attention. Wash thoroughly after handling. Solution can be poisonous to animals. Keep out of the reach of children and animals.

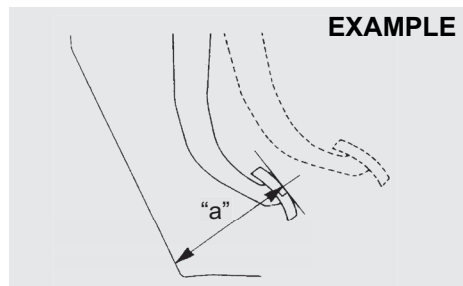
NOTE:

- The fluid level can be expected to gradually fall as the brake pads and/or shoe wear.
- Brake fluid absorbs water over time and brake fluid with high water content may cause vapor lock or brake system malfunction. Replace your brake fluid in accordance with the maintenance schedule in this Owner's Manual.

INSPECTION AND MAINTENANCE

Brake Pedal

Check if the brake pedal stops at the regular height without spongy feeling when you depress it. If not, have the brake system inspected by your Maruti Suzuki authorised workshop. If you doubt the brake pedal for the regular height, check it as follows:



54G108

Pedal to floor carpet minimum distance "a": 53 mm (2.08 in.)

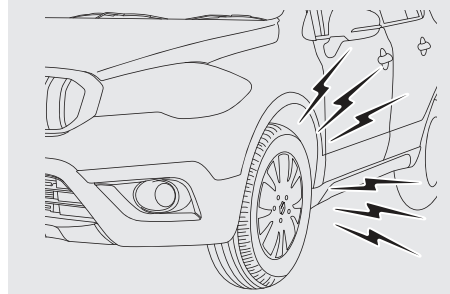
With the engine running, measure the distance between the brake pedal and floor carpet when the pedal is depressed with approximately 30 kg (66 lbs) of force. The minimum distance required is as specified. Since your vehicle's brake system is self-adjusting, there is no need for pedal adjustment.

If the pedal to floor carpet distance as measured above is less than the minimum distance required, have your vehicle inspected by your Maruti Suzuki authorised workshop.

NOTE:

When measuring the distance between the brake pedal and floor wall, be sure not to include the floor mat or rubber on the floor wall in your measurement.

EXAMPLE



64MM07024

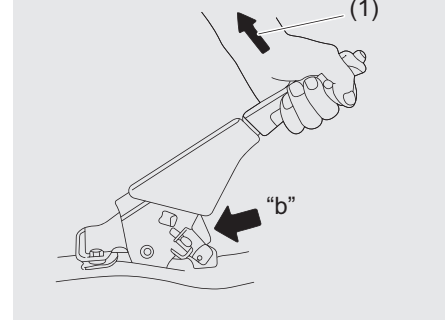
⚠ WARNING

If you experience any of the following problems with your vehicle's brake system, have the vehicle inspected immediately by a Maruti Suzuki authorised workshop.

- **Poor braking performance**
- **Uneven braking (brakes not working uniformly on all wheels.)**
- **Excessive pedal travel**
- **Brake dragging**
- **Excessive noise**

Parking Brake

EXAMPLE



64MM07018

Ratchet tooth specification "b":

4th – 9th

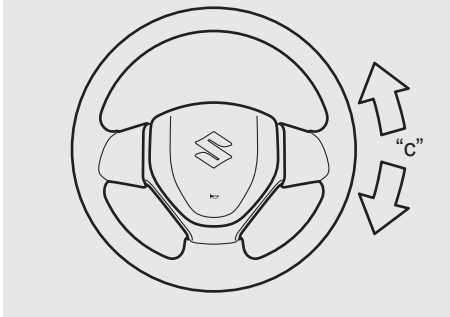
Lever pull force (1):

200 N (20 kg, 45 lbs)

Check the parking brake for proper adjustment by counting the number of clicks made by the ratchet teeth as you slowly pull up on the parking brake lever to the point of full engagement. The parking brake lever should stop between the specified ratchet teeth and the rear wheels should be securely locked. If the parking brake is not properly adjusted or the brakes drag after the lever has been fully released, have the parking brake inspected and/or adjusted by a Maruti Suzuki authorised workshop.

Steering

EXAMPLE



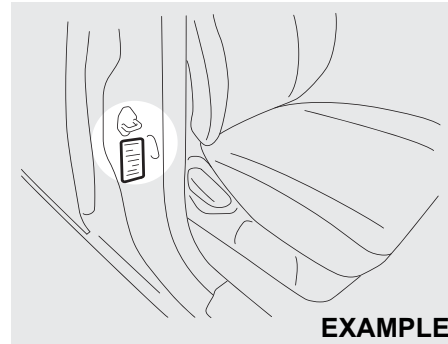
68LM708

**Steering wheel play "c":
0 – 30 mm (0.0 – 1.2 in.)**

Check the play of the steering wheel by gently turning it from left to right and right to left, with wheels in straight ahead position and engine in OFF condition. Measure the distance that the steering moves before you feel slight resistance. The play should be between the specified values.

Check that the steering wheel turns easily and smoothly without rattling by turning it all the way to the right and to the left while driving very slowly in an open area. If the amount of free play is not as specified or you find anything else to be wrong, an inspection must be performed by your Maruti Suzuki authorised workshop.

Tires



EXAMPLE

74LHT0704

The front and rear tire pressure specifications for your vehicle are listed on the Tire Information Label. Both the front and rear tires should have the specified tire pressure.

Tire Inspection

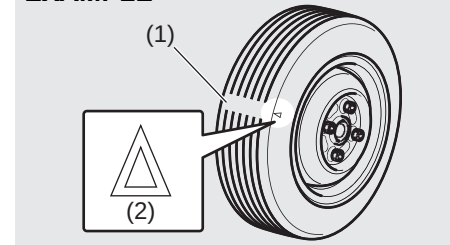
Inspect your vehicle's tires at least once a month or before long trip by performing the following checks:

- 1) Measure the tire pressure with a tire gauge. Adjust the pressure if necessary. Remember to check the spare tire, too.

⚠ WARNING

- Air pressures should be checked when the tires are cold or you may get inaccurate readings.
- Check the inflation pressure from time to time while inflating the tire gradually, until the specified pressure is obtained.
- Never under-inflate or over-inflate the tires. Under inflation can cause unusual handling characteristics or can cause the rim to slip on the tire bead, resulting in an accident or damage to the tire or rim. Overinflation can cause the tire to burst, resulting in personal injury. Overinflation can also cause unusual handling characteristics which may result in an accident.

EXAMPLE



52KM110

- (1) Tread wear indicator
- (2) Indicator location mark

INSPECTION AND MAINTENANCE

- 2) Check that the depth of the tread groove is more than 1.6 mm (0.06 in.). To help you check this, the tires have molded-in tread wear indicators in the grooves. When the indicators appear on the tread surface, the remaining depth of the tread is 1.6 mm (0.06 in.) or less and the tire should be replaced.
- 3) Check for abnormal wear, cracks and damage. Any tires with cracks or other damage should be replaced. If any tires show abnormal wear, have them inspected by a Maruti Suzuki authorised workshop.

⚠ CAUTION

Hitting curbs and running over rocks can damage tires and affect wheel alignment. Have tires and wheel alignment checked periodically by a Maruti Suzuki authorised workshop.

- 4) Check for loose wheel nuts.
- 5) Check that there are no nails, stones or other objects sticking into the tires.

⚠ WARNING

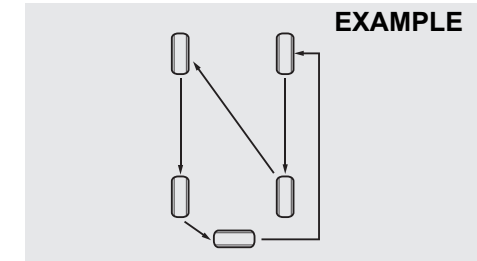
- Your MARUTI SUZUKI vehicle is equipped with tires which are all the same type and size. This is important to ensure proper steering and handling of the vehicle. Never mix tires of different size or type on the four wheels of your vehicle. The size and type of tires used should be only those approved by MARUTI SUZUKI as standard or optional equipment for your vehicle.
- Replacing the wheels and tires equipped on your vehicle with certain combinations of aftermarket wheels and tires can significantly change the steering and handling characteristics of your vehicle.
- Therefore, use only those wheel and tire combinations approved by MARUTI SUZUKI as standard or optional equipment for your vehicle.

NOTICE

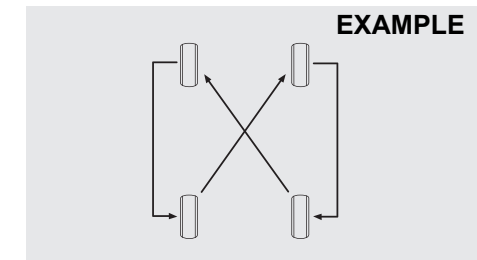
Replacing the original tires with tires of a different size may result in false speedometer or odometer readings. Check with a Maruti Suzuki authorised workshop before purchasing replacement tires that differ in size from the original tires.

Tire Rotation

5-tire rotation



4-tire rotation



To avoid uneven wear of your tires and to prolong their life, rotate the tires as illustrated. Tires should be rotated as mentioned in periodic maintenance schedule. After rotation, adjust front and rear tire pressures to the specification listed on your vehicle's Tire Information Label.

Wheel Balancing

If the vehicle vibrates abnormally on smooth road, have the wheel balanced at Maruti Suzuki authorised Workshop.

Wheel Alignment

In case of abnormal tire wear or pulling towards one side, have the wheel aligned at Maruti Suzuki authorised Workshop.

Tubeless Tires (If equipped)

The vehicle is equipped with Tubeless Tires. In tubeless tire, a thin layer of butyl rubber is used for lining the inside of the tubeless tire. This layer is to prevent air loss and fulfilling the purpose of tube. The air pressure is maintained by the sealing between tire bead and wheel rim. Tubeless tires are having advantage of slow air loss and preventing sudden deflation while driving.

Care and maintenance tips for tubeless tires

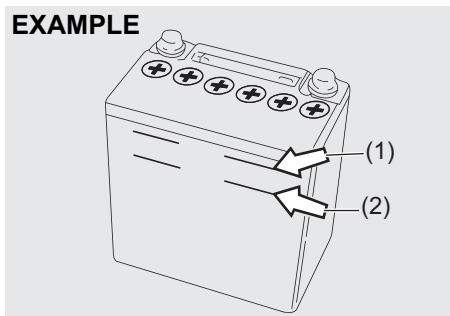
- 1) Always maintain recommended inflation pressure. Driving continuously at low inflation pressure can lead to tire damage.
- 2) In case any leakage is found, check for any nail penetration/valve core damage or rim bent. Damaged wheel must not be used.
- 3) In case tire has run at low pressure, it must be inspected for any defect.
- 4) Whenever new tire is fitted, replace the valve.
- 5) If continuous high speed driving is required, increase tires pressure by 5 psi over recommended inflation pressure.
- 6) Never run the tire beyond TWI (Tread wear indicator). The tire is recommended to be replaced when the remaining tread has worn to this point. The indicators are spaced across the tread around the tire marked by a triangular symbol (TWI).
- 7) Always prefer tubeless tire mounting machine. In case of manual mounting-tire/wheel rim damage may occur.
- 8) In case of any problem, please get in touch with Maruti Suzuki authorised workshop.

Lead-acid Battery**⚠ WARNING**

- Batteries produce flammable hydrogen gas. Keep flames and sparks away from the lead-acid battery or an explosion may occur. Never smoke when working in the vicinity of the lead-acid battery.
- When checking or servicing the lead-acid battery, disconnect the negative cable. Be careful not to cause a short circuit by allowing metal objects to contact the lead-acid battery posts and the vehicle at the same time.
- To avoid harm to yourself or damage to your vehicle or lead-acid battery, follow the jump starting instructions in the "EMERGENCY SERVICE" section of this manual if it is necessary to jump start your vehicle.
- Diluted sulfuric acid spilled from lead-acid battery can cause blindness or severe burns. Use proper eye protection and gloves. Flush eyes or body with ample water and get medical care immediately if suffered. Keep lead-acid batteries out of the reach of children.

INSPECTION AND MAINTENANCE

EXAMPLE



56RM07007

For maintenance-free lead-acid battery (cap-less type), you need not add water. For traditional type lead-acid battery, which has water filler caps, the level of the lead-acid battery solution must be kept between the upper level line (1) and lower level line (2) at all times. You should periodically check the lead-acid battery, lead-acid battery terminals, and lead-acid battery hold-down bracket for corrosion. Remove corrosion using a stiff brush and ammonia mixed with water, or baking soda mixed with water. After removing corrosion, rinse with clean water.

If your vehicle is not going to be driven for a month or longer, disconnect the cable from the negative terminal of the lead-acid battery to help prevent discharge.

⚠ WARNING

If the lead-acid battery is used with lead-acid battery level being less than the lower level line (2), it may cause reduced lead-acid battery life, an exothermic heat, or an explosion by hydrogen gas occurring from the lead-acid battery. Do not use the lead-acid battery with liquid level being less than the lower level line (2).

NOTICE

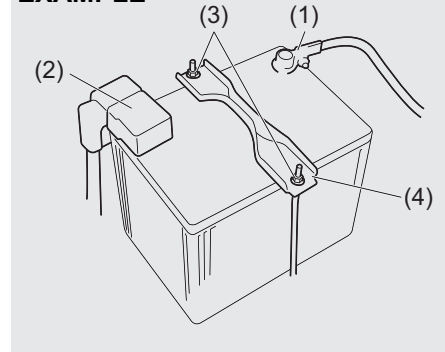
If the lead-acid battery liquid is added more than the upper level line (1), liquid may leak by vibrations during driving or liquid may spray out in some case depending on the condition of lead-acid battery charging. These may cause damage to the parts near the lead-acid battery. If the lead-acid battery liquid overflows, immediately wash away with water. Do not add the lead-acid battery liquid more than the upper level line (1).

NOTE:

The lead-acid battery liquid is consumed when the lead-acid battery is used. If the level is found to be less than the center of upper level (1) and lower level (2), add distilled water till it reaches the upper level line (1).

Replacement of the lead-acid battery

EXAMPLE



64MM07045

To remove the lead-acid battery:

- 1) Disconnect the negative cable (1).
- 2) Disconnect the positive cable (2).
- 3) Remove the retainer nuts (3) and remove retainer (4)
- 4) Remove the lead-acid battery.

To install the lead-acid battery:

- 1) Install the lead-acid battery in the reverse order of removal.
- 2) Tighten the bracket bolt, retainer nuts and lead-acid battery cables securely.

INSPECTION AND MAINTENANCE

NOTE:

- When the lead-acid battery is disconnected, some of the vehicle's functions will be initialized and/or deactivated. These functions are required to be reset after the lead-acid battery is reconnected.
- Do not disconnect the lead-acid battery terminals for at least one minute after the ignition switch is turned off, or the engine switch is pressed to change the ignition mode to "LOCK" (OFF).

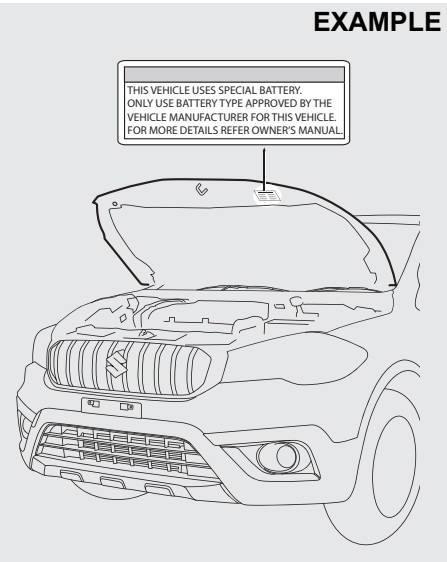
⚠ WARNING

Lead-acid batteries contain toxic substances including sulfuric acid and lead. They could have potential negative consequences for the environment and human health. Used batteries must be disposed of or recycled according to applicable rules or regulations and must not be disposed of with ordinary household trash. Make sure not to tip over the lead-acid battery when you remove it from the vehicle. Otherwise, sulfuric acid could run out and you might get injury.

NOTICE

Do not use regular battery in ISG vehicle. use only Exide CONSERVO N55 battery, else it may deteriorate smart HYBRID system performance.

EXAMPLE



64MM07007

You may find this label on the inside of hood.

Fuses

Your vehicle has three types of fuses, as described below:

Main fuse

The main fuse takes current directly from the lead-acid battery.

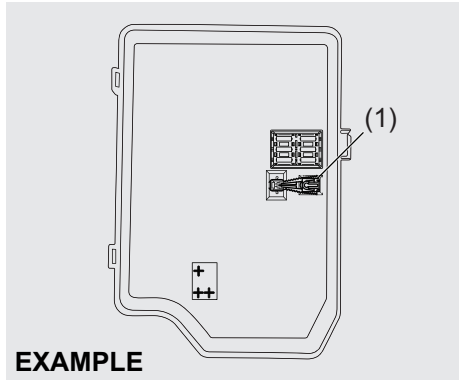
Primary fuses

These fuses are between the main fuse and individual fuses, and are for electrical load groups.

Individual fuses

These fuses are for individual electrical circuits.

To remove a fuse, use the fuse puller (1) provided in the back of relay box cover.



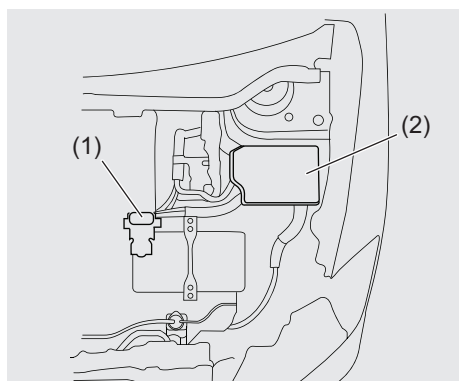
64MM07017

INSPECTION AND MAINTENANCE

NOTE:

- "Blank" indicates that fuse is not applicable in the variant, even though name of fuse might be available on cover of fuse-box of your vehicle.
- Some fuse may not be applicable to your vehicle according to the variant of vehicle, even though it is not mentioned as blank.

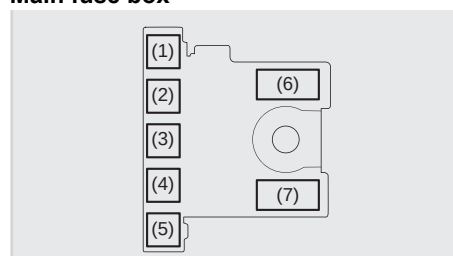
Fuses in the Engine Compartment



64MM07046

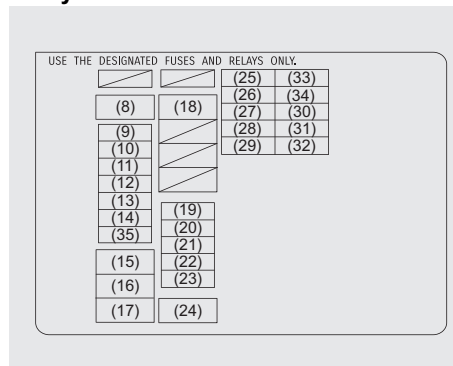
- (1) Main fuse box
(2) Relay box

Main fuse box



61MM0B068

Relay box



64MM07008

MAIN FUSE / PRIMARY FUSE		
(1)	50 A	FL7
(2)	50 A	FL6
(3)	100 A	FL5

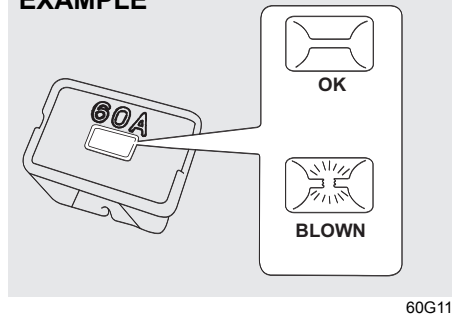
(4)	80 A	FL4
(5)	100 A	FL3
(6)	200 A	FL2
(7)	-	Blank
(8)	30 A	CDSR
(9)	20 A	FR FOG (front fog)
(10)	7.5 A	H/L (headlight)
(11)	25 A	H/L HI (headlight high)
(12)	25 A	ABS2 (ABS control module)
(13)	25 A	H/L LO (headlight low)
(14)	30 A	B/U (back up)
(15)	40 A	IGN (ignition switch)
(16)	40 A	ABS MOT (ABS motor)
(17)	30 A	ST (starting signal)
(18)	30 A	RDTR (radiator fan)
(19)	-	Blank
(20)	-	Blank
(21)	-	Blank
(22)	10 A	CPRSR (air compressor)
(23)	-	Blank
(24)	30 A	BLW (blower fan)
(25)	15 A	T/M2 (auto transaxle)

INSPECTION AND MAINTENANCE

MAIN FUSE / PRIMARY FUSE		
(26)	15 A	FI (fuel injection)
(27)	7.5 A	ST SIG (starting signal)
(28)	15 A	H/L L (headlight left)
(29)	15 A	H/L HI L (headlight high left)
(30)	7.5 A	IG1 SIG2 (ignition signal-2)
(31)	15 A	H/L R (headlight right)
(32)	15 A	H/L HI R (headlight high right)
(33)	15 A	IG COIL2 (ignition coil 2)
(34)	10 A	MTR2 (meter 2)
(35)	30 A	SUB BAT (sub battery)

The main fuse, primary fuses and some of the individual fuses are located in the engine compartment. If the main fuse blows, no electrical component will function. If a primary fuse blows, no electrical component in the corresponding load group will function. When replacing the main fuse, a primary fuse or an individual fuse, use a Maruti genuine part. To remove a fuse, use the fuse puller provided in the fuse box. The amperage of each fuse is shown in the back of the fuse box cover.

EXAMPLE



60G111

⚠ WARNING

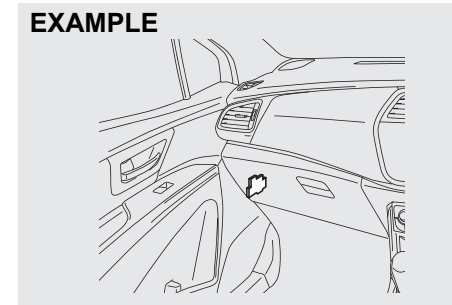
If the main fuse or a primary fuse blows, have your vehicle inspected by a Maruti Suzuki authorised workshop. Always use a Maruti genuine part. Never use a substitute such as a wire even for a temporary repair, or extensive electrical damage and a fire can result.

NOTE:

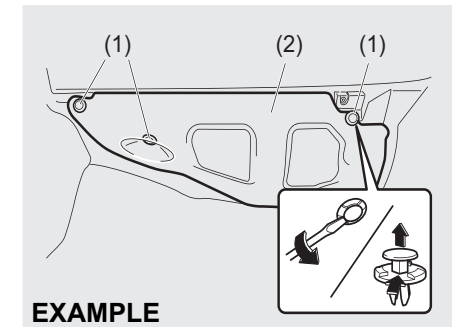
Make sure that the relay box cover always carries spare fuses and fuse puller.

Fuses under the Dash Board

EXAMPLE



64MS153



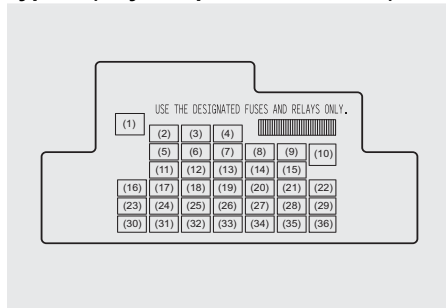
64MS112

NOTE:

To approach the fuses, remove the clips (1) by prying it off with a flat blade screwdriver as shown in the illustration, then remove the cover (2).

INSPECTION AND MAINTENANCE

Type A (Keyless push start model)



68LM701

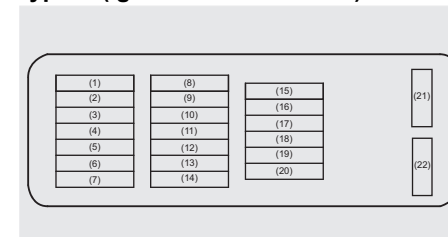
PRIMARY FUSE		
(1)	30 A	BELT
(2)	20 A	P/W T (power window timer)
(3)	15 A	STL (steering lock)
(4)	20 A	RR DEF (rear defogger)
(5)	20 A	S/R (sunroof*)
(6)	10 A	DRL (day-time running light)
(7)	10 A	MRR HTR (heated mirror*)
(8)	7.5 A	ST SIG (starting signal)
(9)	15 A	ACC2 (accessory2)
(10)	30 A	P/W (power window)

(11)	10 A	HAZ (hazard warning light)
(12)	7.5 A	BCM
(13)	15 A	IG COIL (ignition coil)
(14)	10 A	ABS (ABS control module)
(15)	15 A	ACC (accessory)
(16)	10 A	A-STOP (auto-stop)
(17)	15 A	HORN
(18)	10 A	STOP (stop light)
(19)	10 A	A/B (Air bag)
(20)	10 A	BACK (back-up light)
(21)	15 A	WIP (wiper / washer)
(22)	30 A	FR WIP (front wiper)
(23)	10 A	DOME (dome light)
(24)	15 A	4WD*
(25)	7.5 A	RR FOG (RR fog lamp*)
(26)	–	Blank
(27)	7.5 A	IG1 SIG (ignition-1 signal)
(28)	15 A	RADIO 2
(29)	10 A	ACC3 (accessory-3)
(30)	15 A	RADIO

(31)	10 A	TAIL (tail lamp)
(32)	20 A	D/L (door lock)
(33)	7.5 A	CRUISE (cruise control)
(34)	10 A	MTR (meter)
(35)	7.5 A	IG2 SIG (ignition-2 signal)
(36)	20 A	S/H (seat heater*)

*Feature not available in the vehicle.

Type B (Ignition switch model)



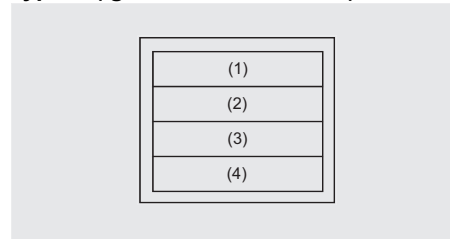
64MM07047

INDIVIDUAL FUSE		
(1)	7.5 A	IG SIG (ignition signal)
(2)	–	Blank
(3)	10 A	A/B (air bag)
(4)	10 A	BACK (back-up light)
(5)	10 A	METER

INSPECTION AND MAINTENANCE

INDIVIDUAL FUSE		
(6)	15 A	IG COIL (ignition coil)
(7)	7.5 A	ST SIG (starting signal)
(8)	15 A	WIP (wiper / washer)
(9)	30 A	FR WIP (front wiper)
(10)	7.5 A	IG2 SIG (ignition-2 signal)
(11)	20 A	D/L (door lock)
(12)	10 A	HAZ (hazard warning light)
(13)	10 A	STOP (stop light)
(14)	10 A	ABS (ABS control module)
(15)	10 A	DOME (dome light)
(16)	7.5 A	BCM
(17)	15 A	HORN
(18)	10 A	TAIL (tail lamp)
(19)	15 A	ACC1 (accessory-1)
(20)	15 A	ACC2 (accessory-2)
(21)	30 A	P/W (power window)
(22)	20 A	P/W T (power window timer)

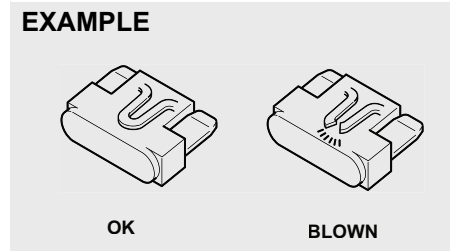
Type B (Ignition switch model)



64MM07048

INDIVIDUAL FUSE		
(1)	–	Blank
(2)	15 A	RADIO 2
(3)	10 A	A-STOP (auto-stop)
(4)	–	Blank

EXAMPLE



81A283

⚠ WARNING

Always be sure to replace a blown fuse with a fuse of the correct amperage. Never use a substitute such as aluminum foil or wire to replace a blown fuse. If you replace a fuse and the new one blows in a short period of time, you may have a major electrical problem. Have your vehicle inspected immediately by a Maruti Suzuki authorised workshop.

NOTE:

According to the vehicle specifications, fuse setting may be different from the specifications which are shown in the above tables.

INSPECTION AND MAINTENANCE

Headlight Aiming

Since special procedures are required, we recommend you take your vehicle to a Maruti Suzuki authorised workshop for headlight alignment.

Bulb Replacement

⚠ CAUTION

- Light bulbs can be hot enough to burn your finger right after being turned off. This is true especially for halogen headlight bulbs. Replace the bulbs after they become cool enough.
- The headlight bulbs are filled with pressurized halogen gas. They can burst and injure you if they are hit or dropped. Handle them carefully.
- To avoid injury by sharp-edged parts of the body, wear gloves and a long-sleeved shirt when replacing light bulbs.

NOTICE

The oils from your skin may cause a halogen bulb to overheat and burst when the lights are on. Grasp a new bulb with a clean cloth.

NOTICE

- **Frequent replacement of a bulb indicates the need for an inspection of the electrical system. This should be carried out by your Maruti Suzuki authorised workshop.**
- **During bulb replacement always use same bulb number as used in vehicle which is imprinted on the said bulb/unit and/or mentioned in SPECIFICATIONS.**

NOTE:

Mist may form on the lenses of exterior lights (Headlight, Rear combination light etc.) during or after driving in the rain or after car washing. This is a natural phenomenon which occurs due to temperature difference between lamp inside and outside. Temporary mist on the lens is not a malfunction and will not cause any discomfort during vehicle driving.

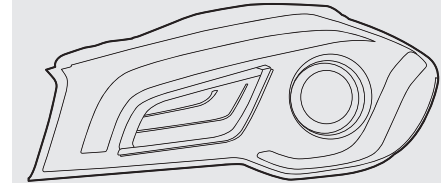
The mist would get cleared when the environmental condition change to sunny or when headlamp is kept on. However if there is water leakage inside the lamp, contact a Maruti Suzuki authorised workshop.

Headlights

Vehicle with LED headlights

Since special procedures are required, we recommend you take your vehicle to a Maruti Suzuki authorised workshop for lamp replacement.

EXAMPLE

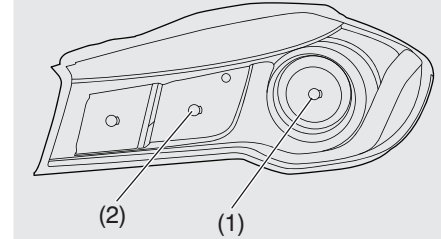


64MM07009

If there is any malfunction/problem in the LED headlight, a 'LED headlight warning light' will appear in the instrument cluster to warn the driver.

Vehicle with halogen headlights

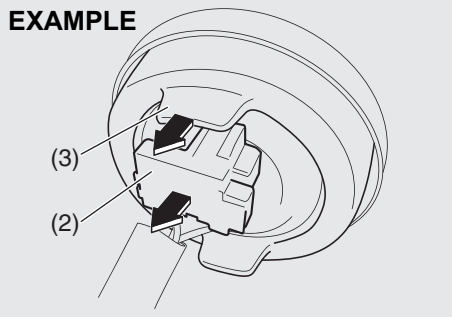
EXAMPLE



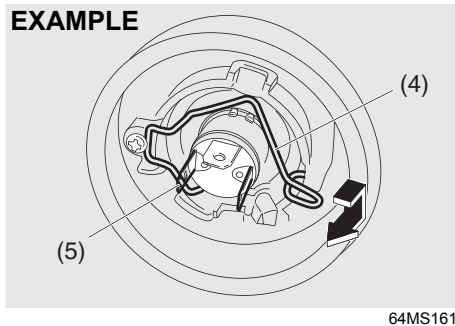
64MM07010

INSPECTION AND MAINTENANCE

- (1) Headlight (Low beam)
- (2) Headlight (High beam)

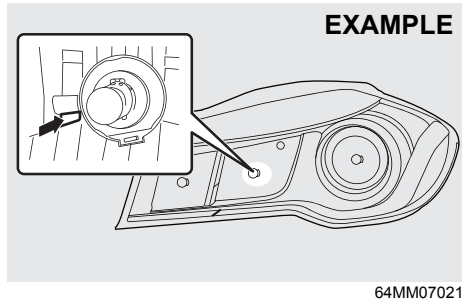


- 1) Open the engine hood. Disconnect the coupler (2). Remove the sealing rubber (3).



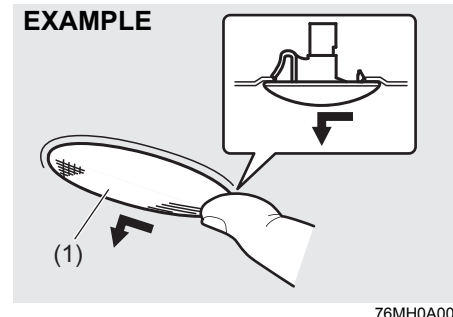
- 2) Push the retaining spring (4) forward and unhook it. Then remove the

- bulb (5). Install a new bulb in the reverse order of removal.

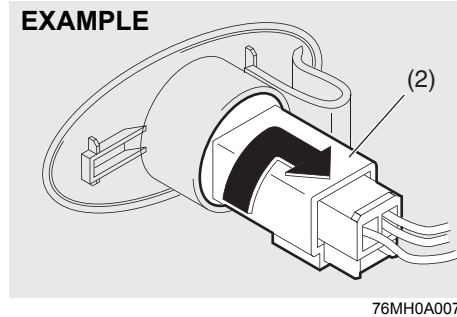


NOTE:
You can see the position of retaining spring from the hole of headlight.

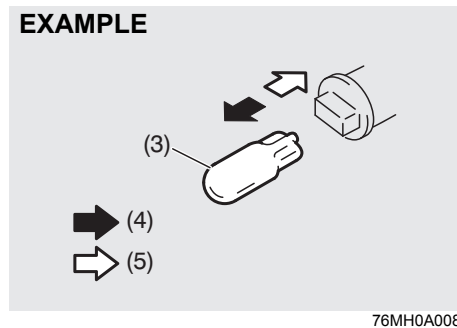
Side Turn Signal Light (if equipped)



- 1) Remove the light housing (1) by sliding to left with your finger.



- 2) Turn the bulb holder (2) clockwise and pull it out from the light housing.

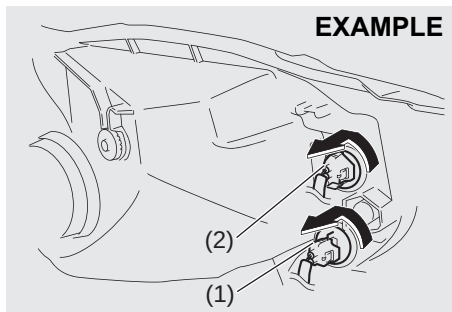
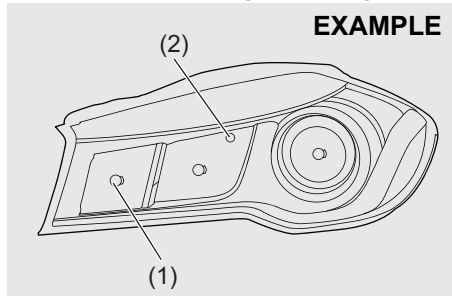


- (4) Removal
 - (5) Install
- 3) To remove and install the bulb of the turn signal light (3), simply pull out or push in the bulb.

INSPECTION AND MAINTENANCE

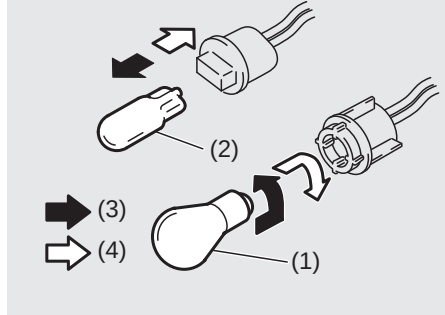
Front Turn Signal Light (1) Front Position Light (2)

Vehicle with the halogen headlights



- 1) Open the engine hood. To remove the bulb holder of the front turn signal light (1) or the front position light (2) from the light housing, turn the holder counterclockwise and pull it out.

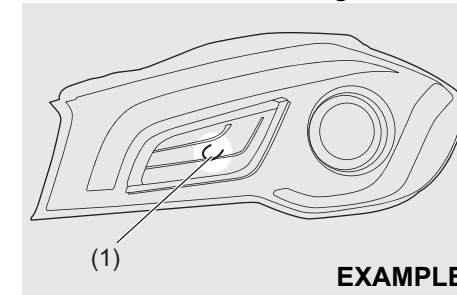
EXAMPLE



- (3) Removal
- (4) Install

- 2) To remove the bulb of the front turn signal light (1) from the bulb holder, push in the bulb and turn it counterclockwise. To install a new bulb, push it in and turn it clockwise. To remove and install the bulb of the front position light (2), simply pull out or push in the bulb.

Vehicle with the LED headlights



To replace the bulb of the front turn signal light (1), follow the procedure for the front turn signal light bulb replacement of the vehicle with the halogen headlights.

NOTE:

Position function in LED headlights is LED type, which is non replaceable.

Daytime Running Light (DRL) (if equipped)

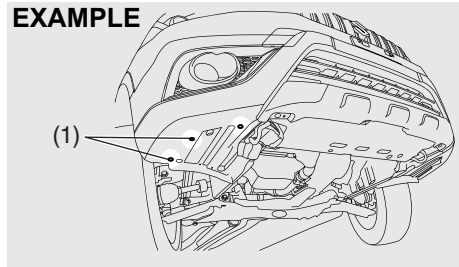
For DRL replacement, we recommend you to take your vehicle to the authorised Maruti Suzuki workshop as special procedure for the same is required.

INSPECTION AND MAINTENANCE

Front Fog Light (if equipped)

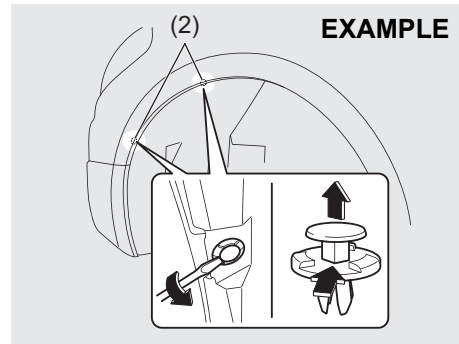
- 1) Start the engine. Turn the steering wheel to rotate the tires to the opposite side of the fog light that requires replacement. Then turn off the engine.

EXAMPLE



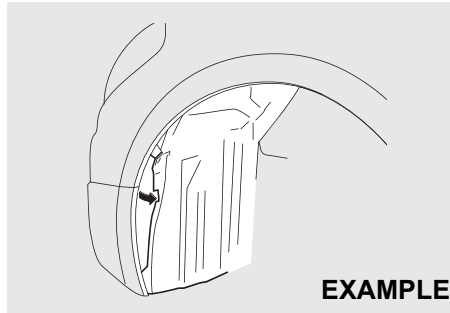
64MM07016

- 2) Remove the screws (1).



61MM0B080

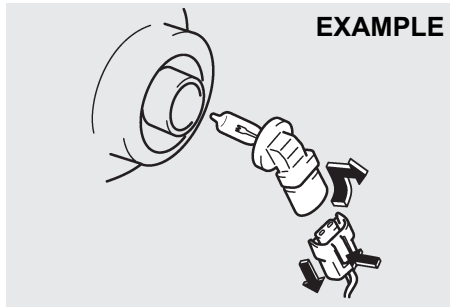
- 3) Remove the clips (2) by prying it off with a flat blade screwdriver as shown in the illustration.



EXAMPLE

61MM0B081

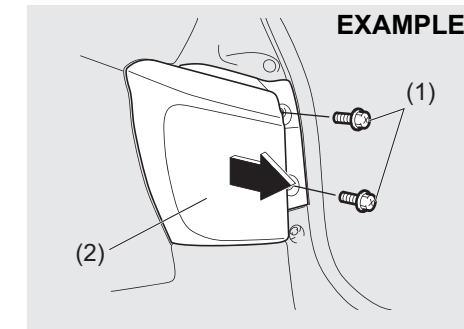
- 4) Open the end of the cover inside the fender.



80JM071

- 5) Disconnect the coupler by pushing the lock release. Turn the bulb holder counterclockwise and remove it.

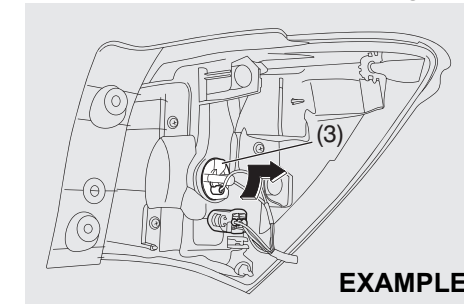
Rear Combination Light



64MM07012

- 1) Remove the bolts (1) and pull the light housing (2) straight.

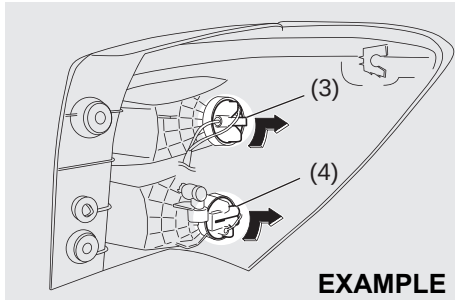
For vehicle with LED tail / brake light



64MM07015

INSPECTION AND MAINTENANCE

For vehicle with halogen tail / brake light

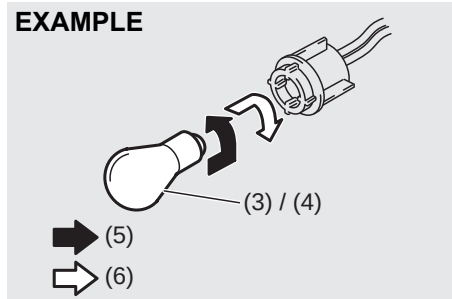


EXAMPLE

61MM0B083

- 2) To remove the bulb holder of the rear turn signal light (3) or the tail/brake light (4) from the light housing, turn the holder counterclockwise and pull it out.

EXAMPLE

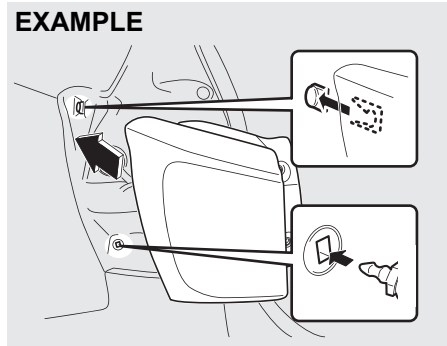


61MM0B084

- (5) Removal
(6) Install

- 3) To remove the bulb of the rear turn signal light (3) or the tail/brake light (4) from bulb holder, push in the bulb and turn it counterclockwise. To install a new bulb, push it in and turn it clockwise.

EXAMPLE



64MM07013

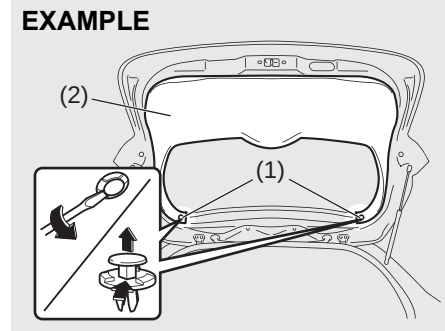
NOTE:

When reinstalling the light housing, make sure the clips are properly attached.

Since special procedure are required for replacement of LED tail / brake light bulb, we recommend you take your vehicle to a Maruti Suzuki authorised workshop.

Reversing Light

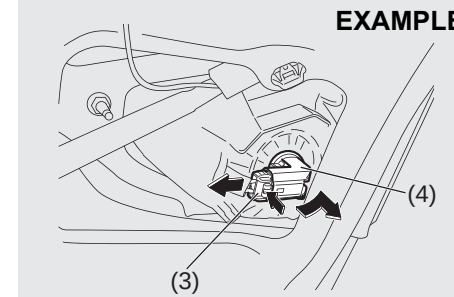
EXAMPLE



61MM0B088

- 1) Open the tailgate. Remove the clips (1) by prying it off with a flat blade screwdriver as shown in the illustration. Then, pull out the trim (2).

EXAMPLE

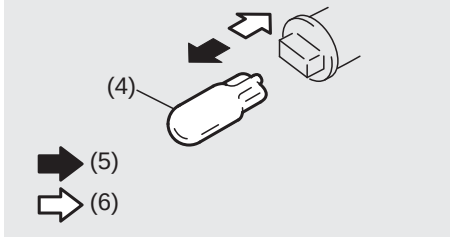


61MM0B089

INSPECTION AND MAINTENANCE

- 2) Disconnect the coupler (3) by pushing the lock release. Turn the bulb holder of the reversing light (4) counterclockwise and remove it.

EXAMPLE



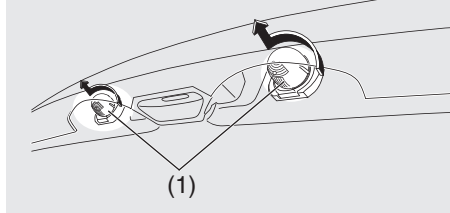
61MM0B090

- (5) Removal
- (6) Install

- 3) To remove and install the bulb of the reversing light (4), simply pull out or push in the bulb.

License Plate Light

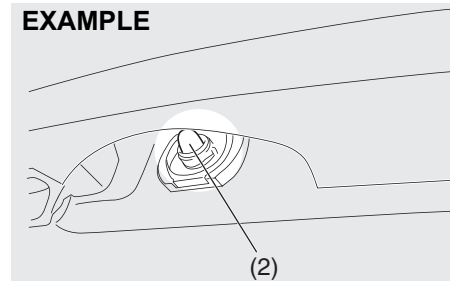
EXAMPLE



61MM0B086

- 1) Turn the cover (1) counterclockwise to remove it.

EXAMPLE

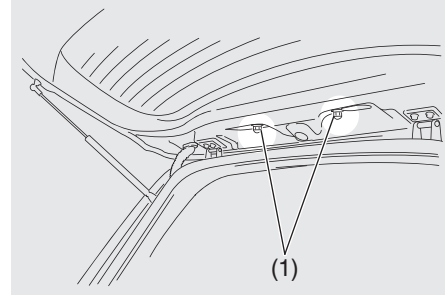


61MM0B087

- 2) To remove and install the bulb of the license plate light (2), simply pull out or push in the bulb.

High-mount Stop Light

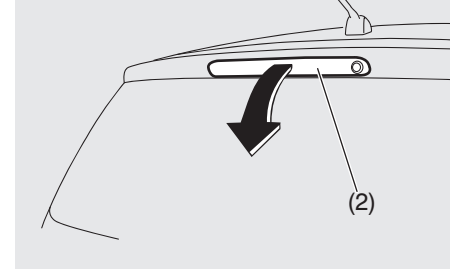
EXAMPLE



80J100

- 1) Open the tailgate, and remove the nuts (1) as shown in the illustration.

EXAMPLE

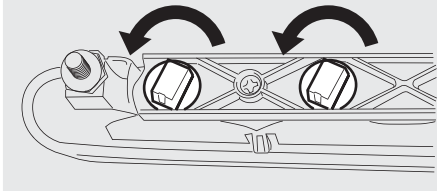


63J127

- 2) Close the tailgate. Remove the high-mount stop light housing (2) from the tailgate.

INSPECTION AND MAINTENANCE

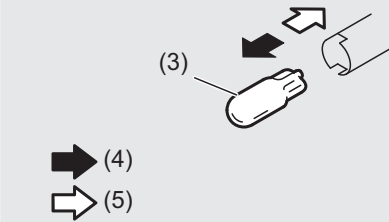
EXAMPLE



68KS063

- 3) Remove the bulb holder as shown in the illustration.

EXAMPLE



76MH0A128

- (4) Removal
(5) Install

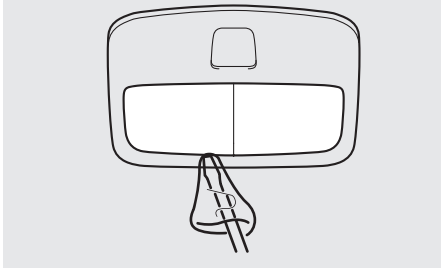
- 4) To remove and install the bulb of the high-mount stop light (3), simply pull out or push in the bulb.

Interior Light

Remove the lens by using a flat blade screwdriver covered with a soft cloth as shown. To install it, simply push it back in.

Front (without overhead console)

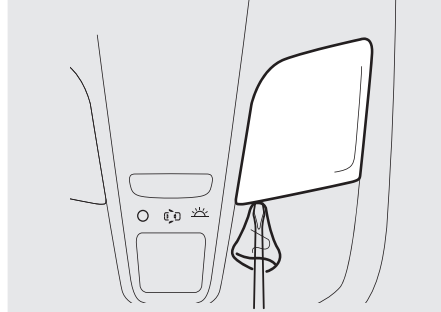
EXAMPLE



61MM0A207

Front (with overhead console)

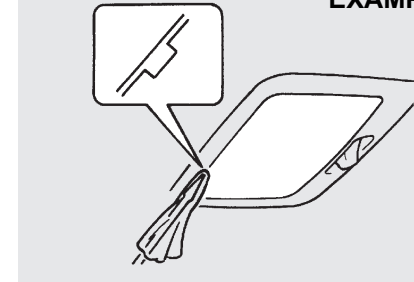
EXAMPLE



64MS123

Center

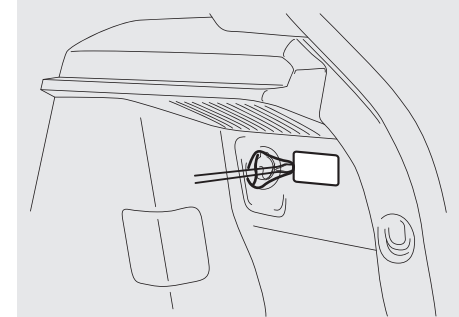
EXAMPLE



60G115

Luggage compartment (if equipped)

EXAMPLE



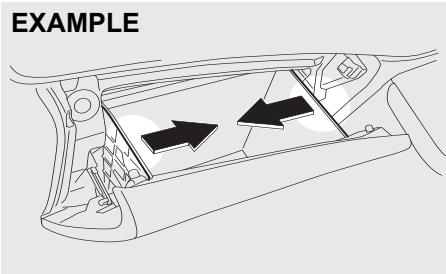
61MM0B072

INSPECTION AND MAINTENANCE

Glove Box Light (if equipped)

Since special procedures are required, we recommend you take your vehicle to a Maruti Suzuki authorised workshop for bulb replacement.

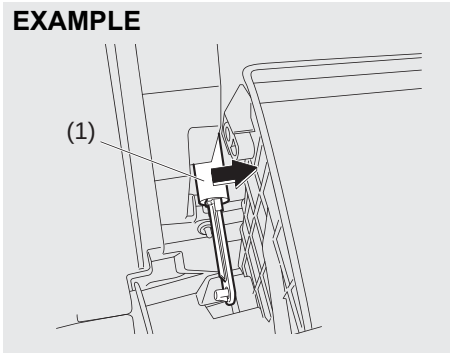
EXAMPLE



61M0108

- 1) Press inward on both side of the glove box to unclamp it.

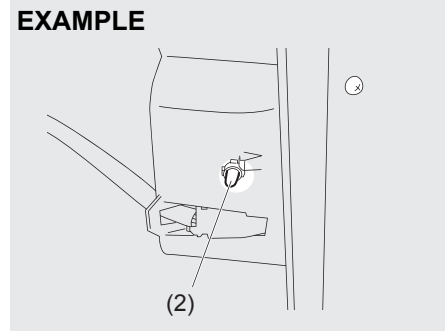
EXAMPLE



61M0109

- 2) Push the damper (1) (if equipped) rightward to remove the glove box.

EXAMPLE

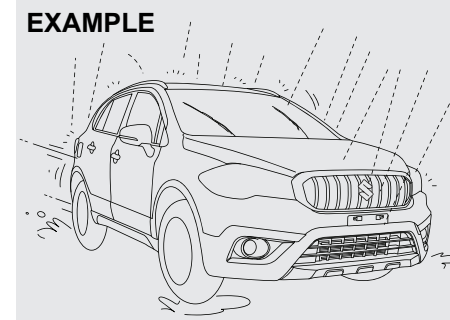


64MS096

- 3) To remove and install the bulb of the glove box light (2), simply pull out or push in the bulb.

Wiper Blades

EXAMPLE



64MM07019

If the wiper blades become brittle or damaged, or make streaks when wiping, replace the wiper blades.

To install new wiper blades, follow the procedures below.

NOTICE

To avoid scratching or breaking the windshield, do not let the wiper arm strike the windshield while replacing the wiper blade.

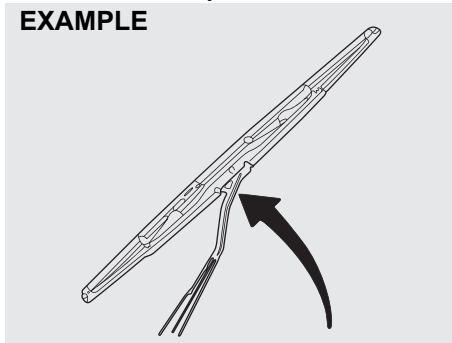
NOTE:

Some wiper blades may be different from the ones described here depending on vehicle specifications. If so, consult a Maruti Suzuki authorised workshop for proper replacement method.

INSPECTION AND MAINTENANCE

For windshield wipers:

EXAMPLE



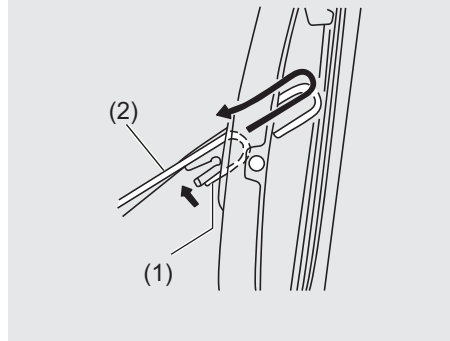
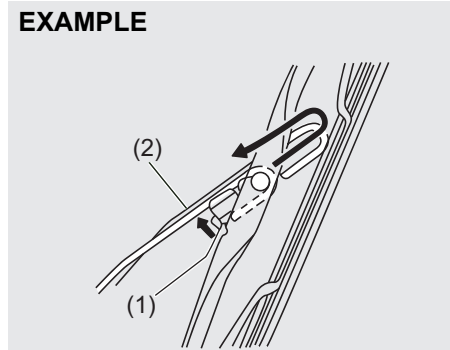
64MM07020

- 1) Hold the wiper arm away from the windshield.

NOTE:

When raising both of the front wiper arms, pull the driver's side wiper arm up first. When returning the wiper arms, lower the passenger's side wiper arm first. Otherwise, the wiper arms may interfere with each other.

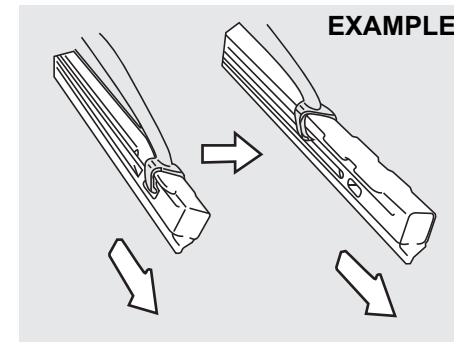
EXAMPLE



68PH00750

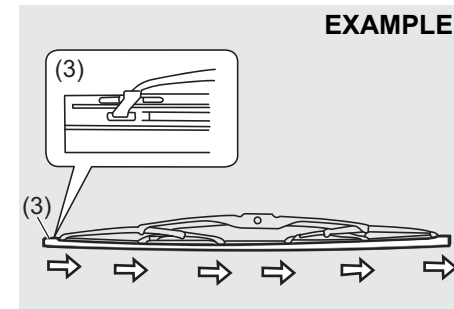
- 2) Squeeze lock (1) towards wiper arm (2) and remove the wiper frame from the arm as shown.
- 3) Unlock the lock end of the wiper blade and slide the blade out as shown.

Removal



68PH00751

Installation

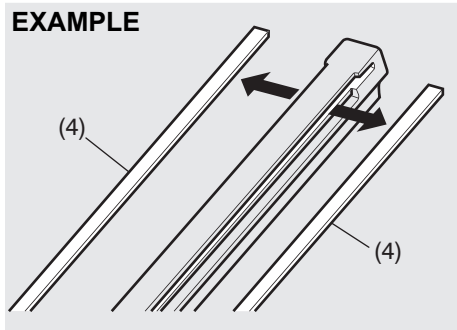


68PH00752

- (3) Locked end

INSPECTION AND MAINTENANCE

EXAMPLE

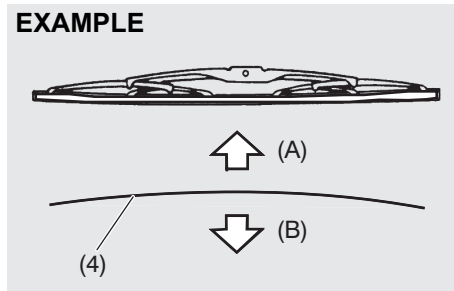


68PH00765

(4) Retainer

- 4) If the new blade is provided without the two metal retainers, move them from the old blade to the new one.

EXAMPLE



60MH072

(A) Up
(B) Down

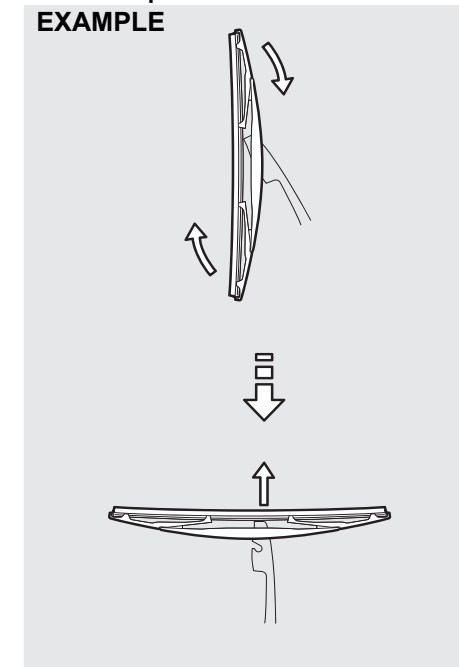
NOTE:

When you install the metal retainers (4), make sure the direction of metal retainers as shown in the above illustrations.

- 5) Install the new blade in the reverse order of removal, with the locked end positioned toward the wiper arm. Make sure the blade is properly retained by all the hooks. Lock the blade end into place.
- 6) Reinstall wiper frame to arm, making sure that the lock lever is snapped securely into the arm.

For rear wipers:

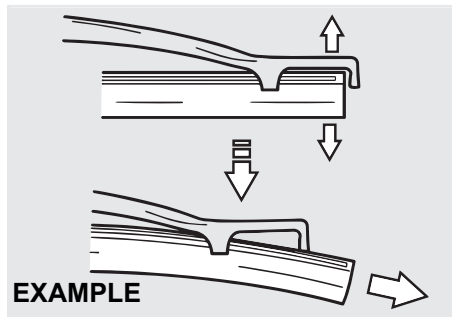
EXAMPLE



80G146

- 1) Hold the wiper arm away from the windshield.
- 2) Remove the wiper frame from the arm as shown.
- 3) Slide the blade out as shown.

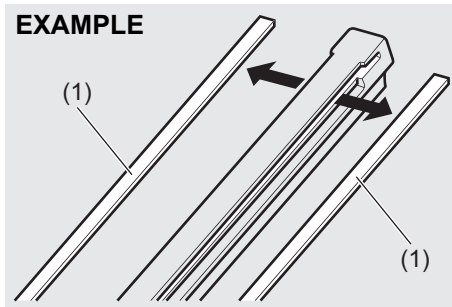
INSPECTION AND MAINTENANCE



65D151

NOTE:

Do not flex the wiper blade frame end more than necessary. If you do, it can break off.

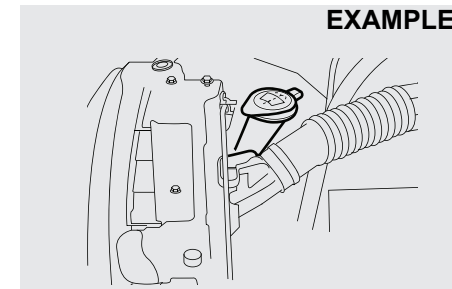


54G135

(1) Retainer

- 4) If the new blade is provided without the two metal retainers, move them from the old blade to the new one.
- 5) Install the new blade in the reverse order of removal. Make sure the blade is properly retained by all the hooks.
- 6) Reinstall wiper frame to arm in the reverse order of removal.

Windshield Washer Fluid



64MM07014

Visually inspect that there is washer fluid in the tank. Refill it if necessary. Use a good quality windshield washer fluid, diluted with water as necessary.

⚠ WARNING

Do not use radiator antifreeze solution in the windshield washer reservoir. This can severely impair visibility when sprayed on the windshield, and also damage your vehicle's paint.

NOTICE

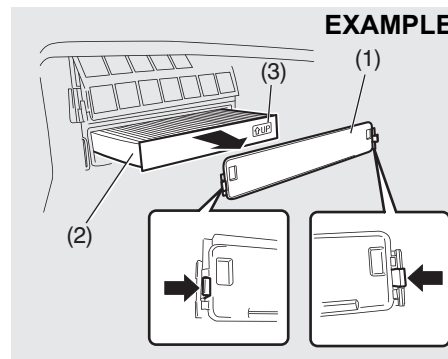
Damage may result if the washer motor is operated with no fluid in the washer tank.

Air Conditioning System

If you do not use the air conditioner for a long period, such as during winter, it may not give the best performance when you start using it again. To help maintain optimum performance and durability of your air conditioner, it needs to be run periodically. Operate the air conditioner at least once a month for one minute with the engine idling. This circulates the refrigerant and oil and helps protect the internal components.

Replacement of the Air Conditioner Filter (if equipped)

- 1) To access the air conditioner filter, remove the glove box. Refer to the procedure for the bulb replacement of the "Glove Box Light" in this section.

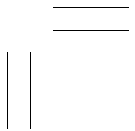
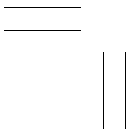
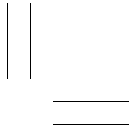
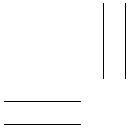


79MH0761

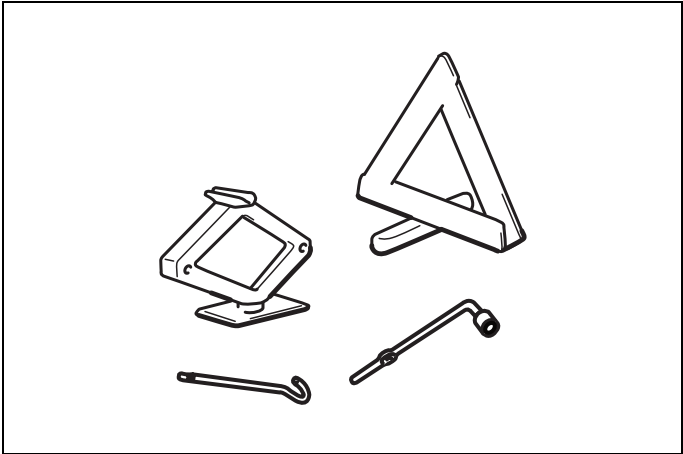
- 2) Remove the cover (1) and pull out the air conditioner filter (2).

NOTE:

When you install a new filter, make sure the UP mark (3) faces upward.



EMERGENCY SERVICE



60G411A

Tire Changing Tool 8-1

Jacking Instructions 8-2

Changing Wheels 8-4

Jump Starting Instructions 8-6

Towing 8-7

Engine trouble: Starter does not operate 8-8

Engine trouble: Flooded engine 8-8

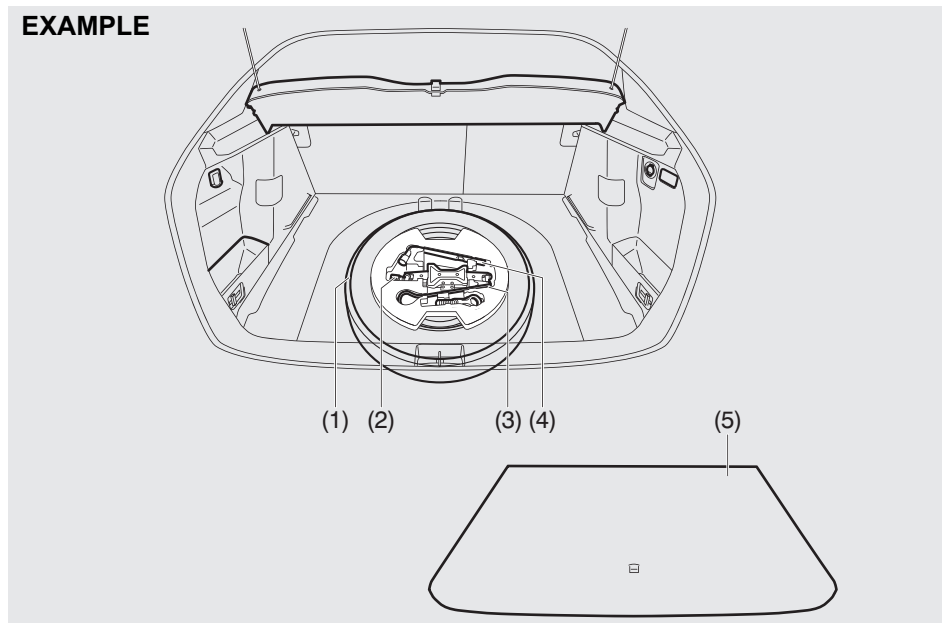
Engine trouble: Overheating 8-8

Warning Triangle..... 8-9

EMERGENCY SERVICE

Tire Changing Tool

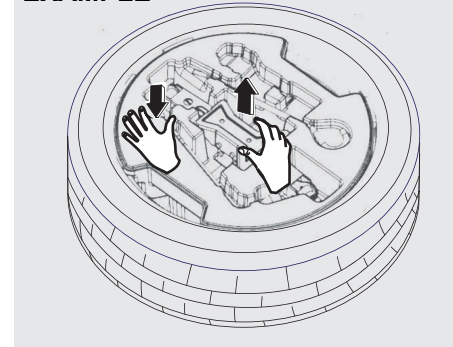
EXAMPLE



- (1) Spare tire
- (2) Jack
- (3) Jack handle
- (4) Wheel Brace
- (5) Luggage Compartment Board

The tire changing tools are stowed in the luggage compartment below the luggage compartment board.

EXAMPLE



64MM08002

To remove the jack, hold the tire changing tool storage with one hand while pulling the jack from the centre as shown in the above illustration.

⚠ WARNING

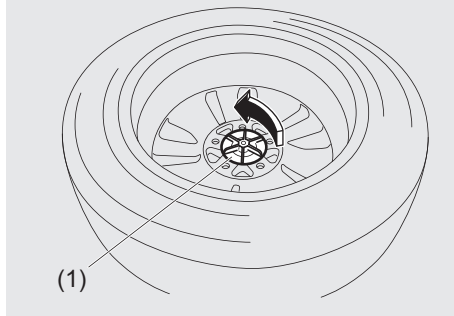
After using the tire changing tools, be sure to stow them securely or they can cause injury if an accident occurs.

⚠ CAUTION

The jack should be used only to change wheels. It is important to read the jacking instructions in this section before attempting to use the jack.

EMERGENCY SERVICE

EXAMPLE



64MS142

To remove the spare tire, turn its bolt (1) counterclockwise and remove it.

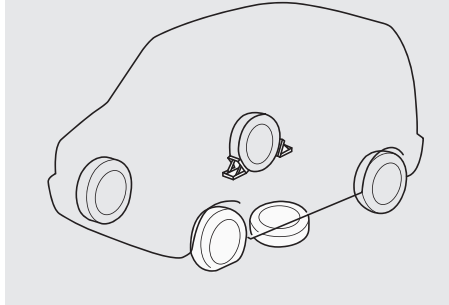
While replacing alloy wheel make sure to remove wheel cap before keeping the tire in the trunk.

NOTICE

Be sure that spare tire does not move after tightening the holder bolt.

Jacking Instructions

EXAMPLE



75F062

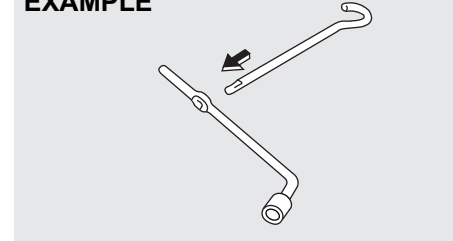
- 1) Place the vehicle on level, hard ground.
- 2) Set the parking brake firmly and shift into "P" (Park) if your vehicle has an automatic transaxle, or shift into "R" (Reverse) if your vehicle has a manual transaxle.

⚠ WARNING

- Be sure to shift into "P" (Park) for an automatic transaxle vehicle, or into "R" (Reverse) for a manual transaxle vehicle when you jack up the vehicle.
- Never jack up the vehicle with the transaxle in "N" (Neutral). Otherwise, unstable jack may cause an accident.

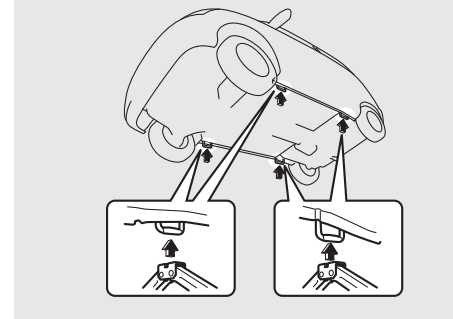
- 3) Turn on the hazard warning flasher if your vehicle is near traffic.
- 4) Block the front and rear of the wheel diagonally opposite of the wheel being lifted.
- 5) Place the spare wheel near the wheel being lifted as shown in the illustration in case the jack slips.

EXAMPLE



66RM08006

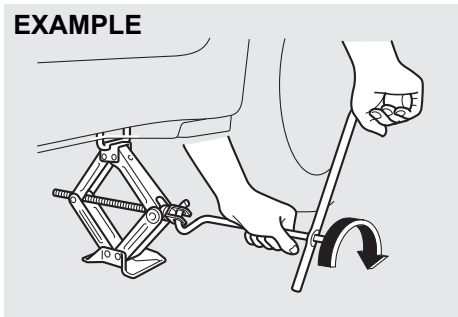
EXAMPLE



63J100

EMERGENCY SERVICE

EXAMPLE



63J101

- 6) Position the jack vertically as shown in the illustration and raise the jack by turning the jack handle clockwise until the jack-head groove fits around the jacking bar beneath the vehicle body.
- 7) Continue to raise the jack slowly and smoothly until the tire clears the ground. Do not raise the vehicle more than necessary.

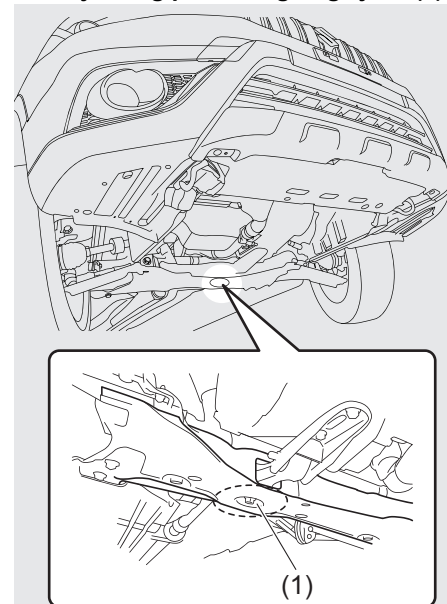
⚠ WARNING

- Use the jack only to change wheels on level, hard ground.
- Never jack up the vehicle on an inclined surface.
- Never raise the vehicle with the jack in a location other than the specified jacking point (shown in the illustration) near the wheel to be changed.
- Make sure that the jack is raised at least 25 mm (1 inch) before it contacts the flange. Use of the jack when it is within 25 mm (1 inch) of being fully collapsed may result in failure of the jack.
- Do not use wooden blocks or similar objects as a jack underlay.
- Never get under the vehicle when it is supported by the jack. Never place your hands and feet under the raised vehicle when it is supported by a jack.
- Never run the engine when the vehicle is supported by the jack and never allow passengers to remain in the vehicle.

To Raise the Vehicle with a Garage Jack

- Apply the garage jack to one of the points indicated below.
- Always support the raised vehicle with jack stands (commercially available) at the points indicated below.

Front jacking point for garage jack (1)

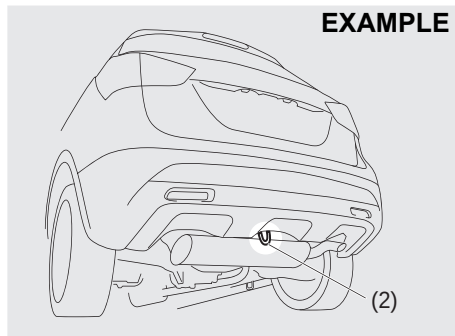


EXAMPLE

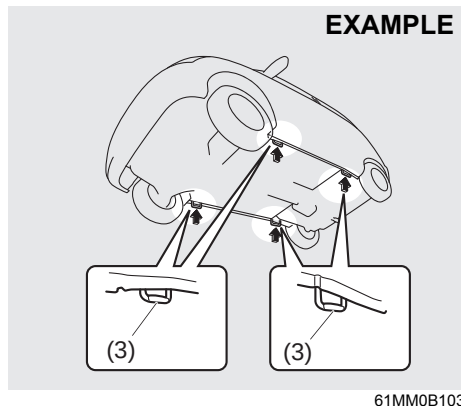
64MM08001

EMERGENCY SERVICE

Rear jacking point for garage jack (2)



Application point for jack stand (3) or two-column lift



NOTICE

Never apply a garage jack to the exhaust pipe, side under spoiler (if equipped), engine undercover or rear torsion beam.

NOTE:

For more details, please contact a Maruti Suzuki authorised workshop.

Changing Wheels

⚠ WARNING

Never change a wheel in traffic lane. Always move the vehicle off the road on level, hard ground away from traffic for changing a wheel. For any further assistance contact your nearest Maruti Suzuki authorised workshop.

To change a wheel, use the following procedure:

- 1) Remove the jack, tools and spare wheel from the vehicle.
- 2) Loosen, but do not remove the wheel nuts.
- 3) Jack up the vehicle (follow the jacking instructions in this section).

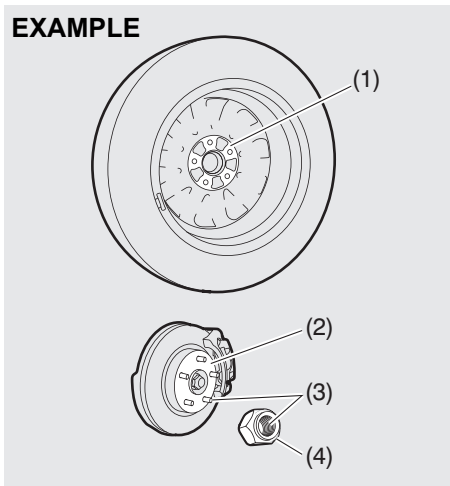
⚠ WARNING

- Shift into "P" (Park) for an automatic transaxle, or into "R" (Reverse) for a manual transaxle vehicle when you jack up the vehicle.
- Never jack up the vehicle with the transmission in "N" (Neutral). Otherwise, unstable jack may cause an accident.

- 4) Remove the wheel nuts and wheel.

EMERGENCY SERVICE

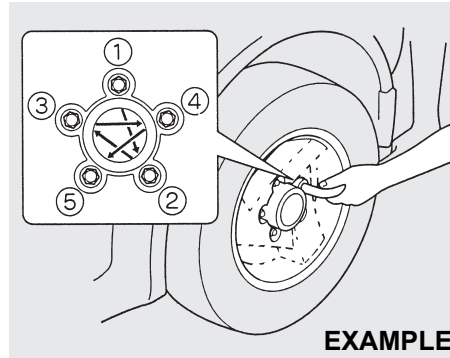
EXAMPLE



65J4033

- 5) Before installing the new wheel, clean any mud or dirt off from the surface of the wheel (1), hub (2), thread part (3) and surface of the wheel nuts (4) with a clean cloth. Clean the hub carefully; it may be hot from driving.

- 6) Install the new wheel and replace the wheel nuts with their cone shaped end facing the wheel. Tighten each nut snugly by hand until the wheel is securely seated on the hub.



EXAMPLE

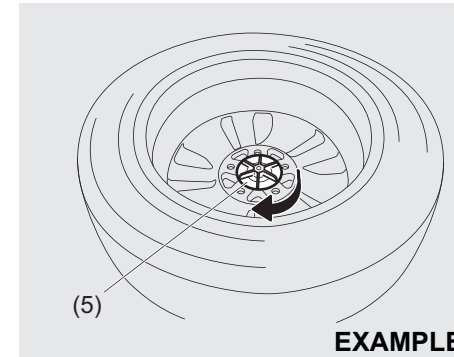
81A057

Tightening torque for wheel nut
100 Nm (10.1 kg-m, 73.8 lb-ft)

- 7) Lower the jack and fully tighten the nuts in a crisscross fashion with a wrench as shown in the illustration.

⚠ WARNING

Use genuine wheel nuts and tighten them to the specified torque as soon as possible after changing wheels. Incorrect wheel nuts or improperly tightened wheel nuts may come loose or fall off, which can result in an accident. If you do not have a torque wrench, have the wheel nut torque checked by a Maruti Suzuki authorised workshop.



EXAMPLE

82PM08006

EMERGENCY SERVICE

Return the spare tire back into the luggage compartment in the reverse order of removal and tighten its bolt (5) clockwise as shown in the above illustration.

NOTICE

Make sure that the spare tire is fixed securely on the floor. Loosely fixed tire may cause noise during driving and damage paint on vehicle body.

Jump starting instructions

⚠ WARNING

- Never attempt to jump-start your vehicle if the battery appears to be frozen. Batteries in this condition may explode.
- When making jump lead connections, check that your hands and the jump leads remain clear from pulleys, belts or fans.
- Batteries produce flammable hydrogen gas. Keep flames and sparks away from the battery or an explosion may occur. Never smoke when working near the battery.
- If the booster battery you use for jump-starting is installed in another vehicle, check that the two vehicles are not touching each other.
- If your battery discharges repeatedly, for no apparent reason, have your vehicle inspected by a Maruti Suzuki authorised workshop.
- To avoid harm to yourself or damage to your vehicle or battery, follow the jump-starting instructions below.

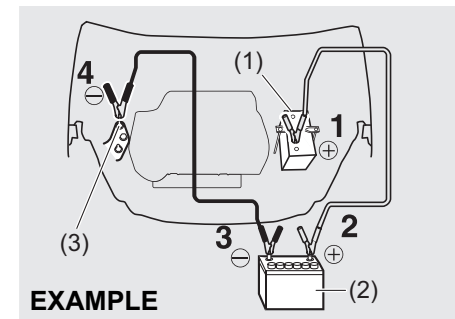
If you are in doubt, call for qualified road service.

NOTICE

Your vehicle should not be started by pushing or towing. This starting method could result in permanent damage to the catalytic converter. Use jump leads to start a vehicle with a weak or flat battery.

When Jump Starting Your Vehicle, Use the Following Procedure:

- 1) Use only a 12-volt battery to jump start your vehicle. Position the good 12-volt battery close to your vehicle so that the jump leads will reach both batteries. When using a battery installed on another vehicle, DO NOT LET THE VEHICLES TOUCH. Set the parking brakes fully on both vehicles.
- 2) Turn off all vehicle accessories, except those necessary for safety reasons (for example, headlights or hazard lights).



54MN259

EMERGENCY SERVICE

3) Make jump lead connections as follows:

1. Connect one end of the first jump lead to the positive (+) terminal of the discharged lead-acid battery (1).
2. Connect the other end to the positive (+) terminal of the booster battery (2).
3. Connect one end of the second jump lead to the negative (–) terminal of the booster battery (2).
4. Make the final connection to an unpainted, heavy metal part (i.e. engine mount bolt (3)) of the engine of the vehicle with the flat battery (1).

WARNING

Never connect the jump lead directly to the negative (–) terminal of the discharged lead-acid battery, or an explosion may occur.

CAUTION

Connect the jump lead to the engine mount bracket securely. If the jump lead disconnects from the engine mount bracket because of vibration at the start of the engine, the jump lead could be caught in the drive belts.

- 4) If the booster battery you are using is fitted to another vehicle, start the engine of the vehicle with the booster battery. Run the engine at moderate speed.
- 5) Start the engine of the vehicle with the discharged lead-acid battery.

6) Remove the jump leads in the exact reverse order in which you connected them.

Towing

If you need to have your vehicle towed, contact a professional service. Maruti Suzuki authorised workshop can provide you with detailed towing instructions.

NOTICE

Observe the following instructions when towing your vehicle.

- To help avoid damage to your vehicle during towing, proper equipment and towing procedures must be used.
- Using the frame hook, tow your vehicle on paved roads for short distances at low speed.

2-Wheel Drive (2WD) Automatic Transaxle

Automatic transaxle vehicles may be towed using either of the following methods.

- 1) From the front, with the front wheels lifted and the rear wheels on the ground. Before towing, make sure that the parking brake is released.
- 2) From the rear, with the rear wheels lifted and a dolly under the front wheels.

NOTICE

Towing your vehicle with the front wheels on the ground can result in damage to the automatic transaxle.

2-Wheel Drive (2WD) Manual Transaxle

Manual transaxle vehicles may be towed using either of the following methods.

- 1) From the front, with the front wheels lifted and the rear wheels on the ground. Before towing, make sure that the parking brake is released.
- 2) From the rear, with the rear wheels lifted and the front wheels on the ground, provided the steering and drivetrain are in operational condition. Before towing, make sure that transaxle is in neutral, the steering wheel is unlocked (vehicle without keyless push start system - the ignition key should be in the “ACC” position) (vehicle with keyless push start system - the ignition mode is ACC), and the steering wheel is secured with a clamping device designed for towing service.

NOTICE

The steering column is not strong enough to withstand shocks transmitted from the front wheels during towing. Always unlock the steering wheel before towing.

Engine trouble: Starter does not operate

- 1) Try turning the ignition switch to the "START" position or try pressing the engine switch to change the ignition mode to "START" with the headlights turned on to determine the battery condition. If the headlights go excessively dim or go off, it usually means that either the battery is flat or the battery terminal contact is poor. Recharge the battery or correct battery terminal contact as necessary.
- 2) If the headlights remain bright, check the fuses. If the reason for failure of the starter is not obvious, there may be a major electrical problem. Have the vehicle inspected by a Maruti Suzuki authorised workshop.

Engine trouble: Flooded engine

If the engine is flooded with the fuel, it may be hard to start. If this happens, press the accelerator pedal all the way to the floor and hold it there while cranking the engine. Do not operate the starter motor for more than 30 seconds.

NOTE:

For keyless push start system, if the engine refuses to start, the starter motor automatically stops after a certain period of time. After the starter motor has automatically stopped or if there is anything abnormal in the engine starting system, the starter motor runs only while the engine switch is held pressed.

Engine trouble: Overheating

The engine could overheat temporarily under severe driving conditions. If the high engine coolant temperature warning light comes on as overheating during driving:

- 1) Turn off the air conditioner, if equipped.
- 2) Take the vehicle to a safe place and park.
- 3) Let the engine run at the normal idle speed for a few minutes until the indicator is within the normal, acceptable temperature range between "H" and "C".

WARNING

If you see or hear escaping steam, stop the vehicle in a safe place and immediately turn off the engine to let it cool. Do not open the hood when steam is present. When the steam can no longer be seen or heard, open the hood to see if the coolant is still boiling. If it is, you must wait until it stops boiling before you proceed.

If the temperature indication does not come down to within the normal, acceptable range:

- 1) Turn off the engine and check that the water pump belt and pulleys are not damaged or slipping. If any abnormality is found, correct it.
- 2) Check the coolant level in the reservoir. If it is found to be lower than the "LOW" line, look for leaks at the radiator, water pump, and radiator and heater hoses. If

EMERGENCY SERVICE

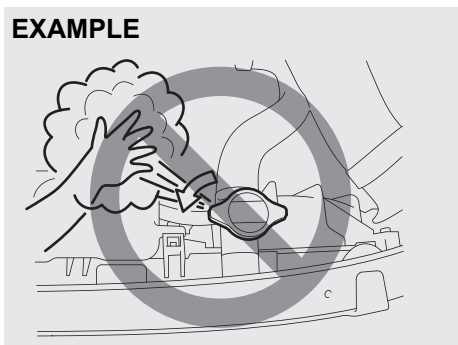
you locate any leaks that may have caused the overheating, do not run the engine until these problems have been corrected.

- 3) If you do not find a leak, carefully add coolant to the reservoir and then the radiator, if necessary. (Refer to "Engine Coolant" in the "INSPECTION AND MAINTENANCE" section.)

NOTE:

If your engine overheats and you are unsure what to do, contact a Maruti Suzuki authorised workshop.

EXAMPLE



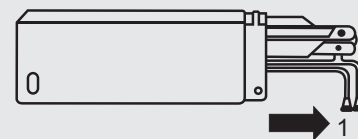
65D350D

⚠ WARNING

- It is hazardous to remove the degassing tank cap when the water temperature is high, because scalding fluid and steam may be blown out under pressure. The cap should only be taken off when the coolant temperature has lowered.
- To help prevent personal injury, keep hands, tools and clothing away from the engine cooling fan and air-conditioner fan (if equipped). These electric fans can automatically turn on without warning.

Warning Triangle

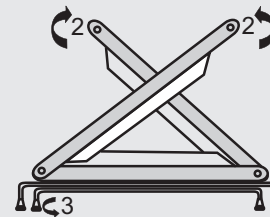
EXAMPLE



MHO-07-001

In case of vehicle break-down or during emergency stopping, where, your vehicle could become a potential traffic hazard, keep the warning triangle, provided with your vehicle, on the road free from any obstacles behind your vehicle so as to warn the approaching traffic, at an approximate distance of 50-100 m. The reflecting side of the triangle should face the on coming traffic. Please activate the hazard warning lamps before alighting the vehicle to keep the warning triangle.

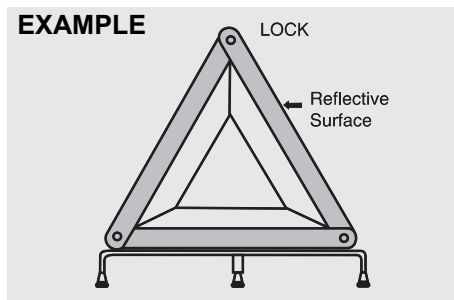
EXAMPLE



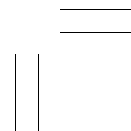
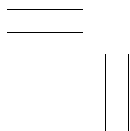
MHO-07-014

EMERGENCY SERVICE

- Remove the warning triangle carefully from the cover as shown by arrow 1.
- Open both the reflector arms as shown by arrow and lock the arms with each other with the clip provided in the right arm. Open the bottom stand in counter clock-wise direction as shown by arrow 3. Position the warning triangle behind the vehicle on a plain surface.
- Reverse the removal procedure for keeping inside the cover.

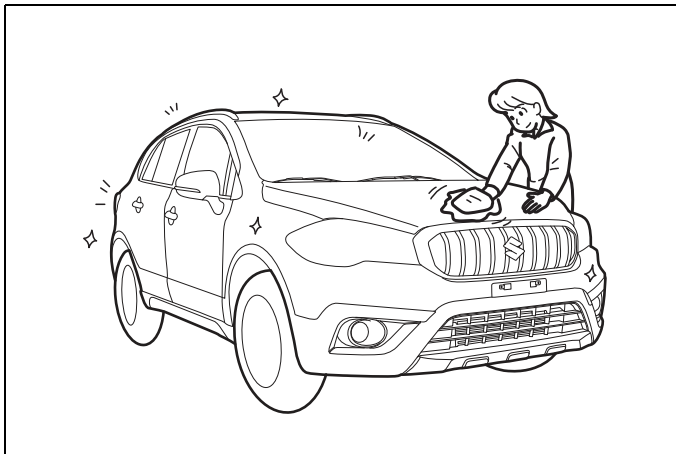


MHO-07-015



APPEARANCE CARE

Corrosion prevention	9-1
Vehicle cleaning	9-2



64MM09000

APPEARANCE CARE

Corrosion prevention

It is important to take good care of your vehicle to protect it from corrosion. Listed below are instructions for how to maintain your vehicle to prevent corrosion. Please read and follow these instructions carefully.

Important information about corrosion

Common causes of corrosion

- 1) Accumulation of road salt, dirt, moisture or chemicals in hard-to-reach areas of the vehicle underbody or frame.
- 2) Chipping, scratches and any damage to treated or painted metal surfaces resulting from minor accidents or abrasion by stones and gravel.
- 3) Any or all of the below mentioned points:
 - Continuous exposure to sunlight
 - Hard water and sea water coming in contact with vehicle.
 - Foot rubbing (skirting).

Environmental conditions which accelerate corrosion

- 1) Road salt, dust control chemicals, sea breeze or industrial pollution will all accelerate the corrosion of metal.
- 2) High humidity will increase the rate of corrosion particularly when the temperature range is just above the freezing point.
- 3) Moisture in certain areas of a vehicle for an extended period of time may pro-

mote corrosion even though other body sections may be completely dry.

- 4) High temperatures will cause an accelerated rate of corrosion to parts of the vehicle which are not well-ventilated to permit quick drying.

This information illustrates the necessity of keeping your vehicle (particularly the underbody) as clean and dry as possible. It is equally important to repair any damage to the paint or protective coatings as soon as possible.

How to help prevent corrosion

Wash your vehicle frequently

The best way to preserve the finish on your vehicle and to help avoid corrosion is to keep it clean with frequent washing.

Wash your vehicle at least once during the winter and once immediately after the winter. Keep your vehicle, particularly the underside, as clean and dry as possible.

If you frequently drive on salted roads, your vehicle should be washed at least once a month during the winter. If you live near the ocean, your vehicle should be washed at least once a month throughout the year.

For washing instructions, refer to "Vehicle cleaning" section.

Remove foreign material deposits

Foreign material such as salts, chemicals, road oil or tar, tree sap, bird droppings and industrial fall-out may damage the finish of

your vehicle if it is left on painted surfaces. Remove these types of deposits as quickly as possible. If these deposits are difficult to wash off, an additional cleaner may be required. Check that any cleaner you use is not harmful to painted surfaces and is specifically intended for your purposes. Follow the manufacturer's directions when using these special cleaners.

Repair finish damage

Carefully examine your vehicle for damage to the painted surfaces. Should you find any chips or scratches in the paint, touch them up immediately to prevent corrosion from starting. If the chips or scratches have gone through to the bare metal, have a qualified body shop make the repair.

Keep passenger and luggage compartments clean

Moisture, dirt or mud can accumulate under the floor mats and may cause corrosion. Occasionally, check under these mats to ensure that this area is clean and dry. More frequent checks are necessary if the vehicle is used for off-road driving or in wet weather.

Certain cargos such as chemicals, fertilizers, cleaners, salts, etc. are extremely corrosive by nature. These products should be transported in sealed containers. If they are spilled or leaked, clean and dry the area immediately.

APPEARANCE CARE

Park your vehicle in a dry, well-ventilated area

Park your vehicle to save it from continuous exposure to direct sunlight.

Do not park your vehicle in a damp, poorly-ventilated area. If you often wash your vehicle in the garage and place it there in wet condition, your garage may be damp. The high humidity in the garage may cause or accelerate corrosion. A wet vehicle may corrode even in a heated garage if the ventilation is poor.

WARNING

Do not apply additional undercoating or rust preventive coating on or around exhaust system components such as the catalytic converter and exhaust pipes. A fire could be started if the undercoating substance becomes overheated.

Vehicle cleaning



64MM09003

WARNING

When cleaning the interior or exterior of the vehicle, do not use flammable solvents such as lacquer thinners, petrol and benzene. Also, do not use cleaning materials such as bleaches and strong household detergents. The materials could cause personal injury or damage to the vehicle.

Cleaning interior

Vinyl upholstery

Prepare a solution of soap or mild detergent dissolved in warm water. Apply the solution to the vinyl with a sponge or soft cloth and let it soak for a few minutes to loosen dirt.

Rub the surface with a clean, damp cloth to remove dirt and the soap solution. If some dirt still remains on the surface, repeat this procedure.

Fabric upholstery (Except front passenger seat)

Remove loose dirt with a vacuum cleaner. Using a mild soap solution, rub stained areas with a clean damp cloth. To remove soap, rub the areas again with a cloth dampened with water. Repeat this until the stain is removed, or use a commercial fabric cleaner for tougher stains. If you use a fabric cleaner, carefully follow the manufacturer's instructions and precautions.

APPEARANCE CARE

CAUTION

- Do not spill liquid or semi-solid on the front passenger's seat. If you spill it on the front passenger's seat, immediately wipe it dry with a soft cloth. Contact of liquid with sensor may impact the function of seat belt reminder sensor.
- Do not place any sharp or heavy object on passenger seat which can penetrate through seat upholstery and can cause damage to sensor.

Fabric upholstery (For front passenger seat)

Do not use liquid for cleaning as it may penetrate the fabric and damage the seat sensor.

Leather upholstery

Remove loose dirt with a vacuum cleaner. Using a mild soap or saddle soap solution, wipe dirt off with a clean damp soft cloth. To remove soap, wipe the areas again with a soft cloth dampened with water. Wipe the areas dry with a soft dry cloth. Repeat this until the dirt or stain is removed, or use a commercial leather cleaner for tougher dirt or stains. If you use a leather cleaner, carefully follow the manufacturer's instructions and precautions. Do not use solvent type cleaners or abrasive cleaners.

NOTE:

- In order to keep leather upholstery looking good, it should be cleaned at least twice a year.
- If leather upholstery becomes wet, immediately wipe it dry with tissue paper or a soft cloth. Water may cause leather to harden and shrink if it is not wiped off.
- When parking on sunny days, select a shady place or use a sunshade. If leather upholstery is exposed to direct sunlight for a long time, it may discolor and shrink.
- As is common with natural materials, leather is inherently irregular in grain and cowhide has spots in its natural state. These do not affect the performance of the leather in any way.

CAUTION

- Do not spill liquid or semi-solid on the front passenger's seat. If you spill it on the front passenger's seat, immediately wipe it dry with a soft cloth. Contact of liquid with sensor may impact the function of seat belt reminder sensor.
- Do not place any sharp or heavy object on passenger seat which can penetrate through seat upholstery and can cause damage to sensor.

Seat belts

Clean seat belts with a mild soap and water. Do not use bleach or dye on the belts. They may weaken the fabric in the belts.

Vinyl floor mats

Ordinary dirt can be removed from vinyl with water or mild soap. Use a brush to help loosen dirt. After the dirt is loosened, rinse the mat thoroughly with water and dry it in the shade.

Carpets

Remove dirt and soil as much as possible with a vacuum cleaner. Using a mild soap solution, rub stained areas with a clean damp cloth. To remove soap, rub the areas again with a cloth dampened with water. Repeat this until the stain is removed, or use a commercial carpet cleaner for tougher stains. If you use a carpet cleaner, carefully follow the manufacturer's instructions and precautions.

Instrument panel and console

Remove loose dirt with a vacuum cleaner. Gently wipe dirt off with a tightly squeezed damp clean cloth. Repeat this until the dirt is removed.

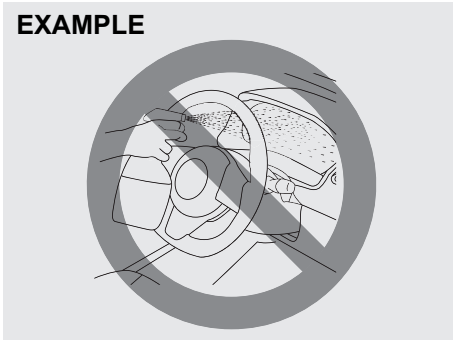
APPEARANCE CARE

NOTICE

Do not use chemical products that contain silicon to wipe electrical components such as the air conditioning system, audio system or other switches. These will cause damage to the components.

Do not spray water or any liquid directly on instrument cluster or any other electrical or electronic components. This may cause damage and/or lead to non-functioning of the part.

EXAMPLE



68PM09004

NOTICE

- Liquid such as liquid aromatics, soft drinks or juice may cause discoloration, wrinkles, and cracking to resin-based parts and textiles. Immediately wipe it dry with tissue paper or a soft cloth.
- Do not leave leather products with color, fur or vinyl products, etc. in your vehicle for long periods. It may cause discoloration or deterioration of interior.

Cleaning exterior

NOTICE

It is important that your vehicle be kept clean and free from dirt. Failure to keep your vehicle clean may result in fading of the paint or corrosion to various parts of the vehicle body.

Caring for aluminum wheels

NOTE:

- Do not use an acidic or alkaline detergent, or a cleaner containing petroleum solvent to wash aluminum wheels. These types of cleaner will cause permanent spots, discoloration and cracks on finished surfaces and damage to center caps.

- Do not use a bristle brush and soap containing an abrasive material. These will damage finished surfaces.

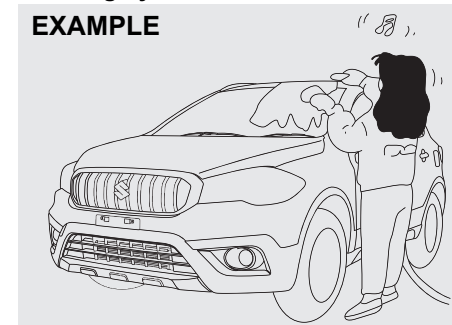
Washing

⚠ WARNING

- Never attempt to wash and wax your vehicle with the engine running.
- When cleaning the underside of the body and fender, where there may be sharp-edged parts, wear gloves and a long-sleeved shirt to protect your hands and arms from being cut.
- After washing your vehicle, carefully test the brakes before driving to check that they have maintained their normal effectiveness.

Washing by hand

EXAMPLE



64MM09001

APPEARANCE CARE

When washing the vehicle, park it in the place where direct sunlight does not fall on it and follow the instructions below:

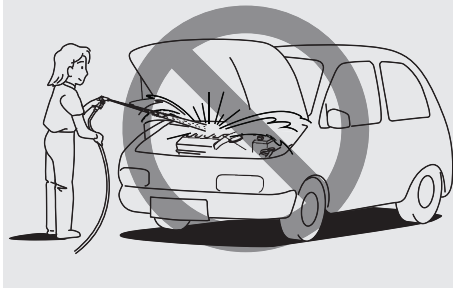
- 1) Flush the underside of body and wheel housings with pressurized water to remove mud and debris. Use plenty of water.

NOTICE

When washing the vehicle:

- Avoid directing steam or hot water of more than 80°C (176°F) on plastic parts.
- To avoid damaging engine components, do not use pressurized water in the engine compartment.

EXAMPLE



68PM09005

- 2) Rinse the body to loosen the dirt. Remove dirt and mud from the body exterior with running water. You may use a soft sponge or brush. Do not use

hard materials which can scratch the paint or plastic. Remember that the headlight covers or lenses are made of plastic in many cases.

NOTICE

To avoid damage to the paint or plastic surface, do not wipe the dirt off without ample water. Follow the above procedure.

- 3) Wash the entire exterior with a mild detergent or car wash soap using a sponge or soft cloth. The sponge or cloth should be frequently soaked in the soap solution.

NOTICE

When using a commercial car wash product, observe the cautions specified by the manufacturer. Never use strong household detergents or soaps.

- 4) Once the dirt has been completely removed, rinse off the detergent with running water.
- 5) Wipe off the vehicle body with a wet chamois or cloth and allow it to dry in the shade.
- 6) Check carefully for damage to painted surfaces. If there is any damage, touch up the damage following the procedure below:

1. Clean all damaged spots and allow them to dry.
2. Stir the paint and touch up the damaged spots lightly using a small brush.
3. Allow the paint to dry completely.

Washing by an automatic car wash

NOTICE

If you use an automatic car wash, check that your vehicle's body parts, such as spoilers, cannot be damaged. If you are in doubt, consult the car wash operator for advice.

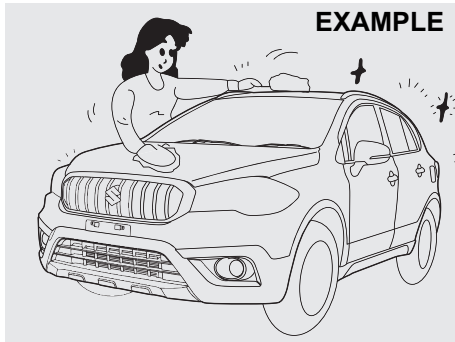
Washing by a high-pressure cleaner

NOTICE

If you use a high-pressure cleaner, keep away the nozzle from your vehicle sufficiently.

- Bringing the nozzle to your vehicle too close or pointing the nozzle to the opening of front grill or bumper etc. can cause damage and malfunction of the vehicle body and parts.
- Pointing the nozzle to the weather-strip of door glasses, doors and the sunroof (if equipped) can allow water to enter the cabin.

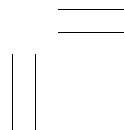
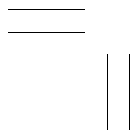
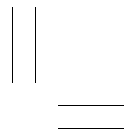
Waxing



64MM09002

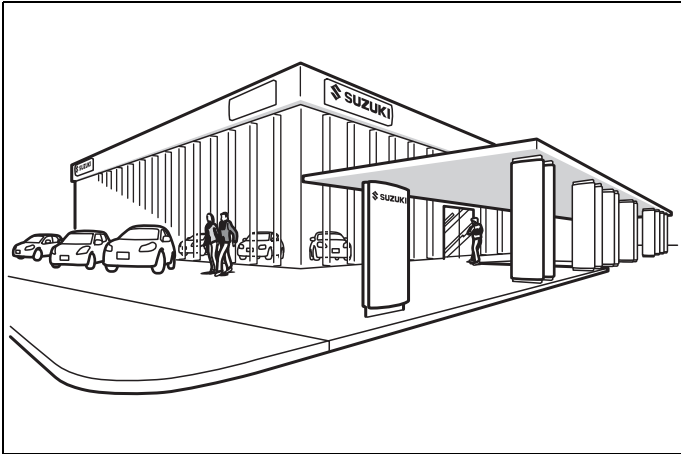
After washing the vehicle, waxing and polishing are recommended to further protect and beautify the paint.

- Only use waxes and polishes of good quality.
- When using waxes and polishes, observe the precautions specified by the manufacturers.



GENERAL INFORMATION

Vehicle Identification 10-1
FASTag (if equipped) 10-1
High Security Registration Plate (HSRP) 10-3



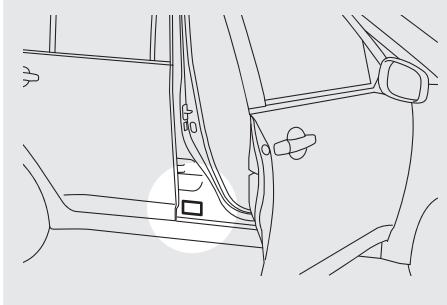
84MM01001

GENERAL INFORMATION

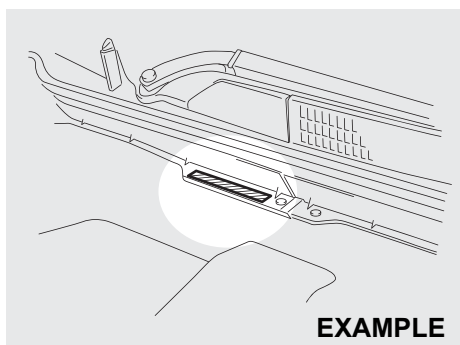
Vehicle Identification

Chassis Serial Number

EXAMPLE



79MH0A01



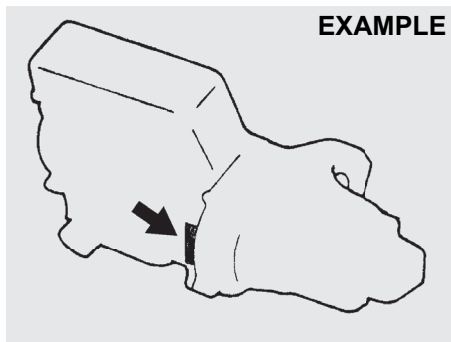
64MS179

The chassis and/or engine serial numbers are used to register the vehicle. They are

also used to assist your dealer when ordering or referring to special service information. Whenever you have occasion to consult your Maruti Suzuki authorised workshop, remember to identify your vehicle with this number. Should you find the number difficult to read, you will also find it on the identification plate.

Engine Serial Number

EXAMPLE



60G128

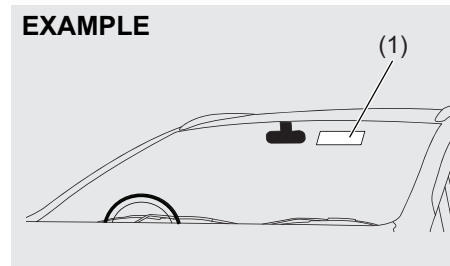
The engine serial number is stamped on the cylinder block as shown in the illustration.

FASTag (if equipped)

As per Ministry of Road Transport and Highways, the FASTag (1) is mandatory for each vehicle for the purpose of electronic toll collection or any other purpose as may be defined by the Government of India.

In case of any damage to FASTag or replacement of front windscreen, please contact your nearest Maruti Suzuki authorised workshop.

EXAMPLE

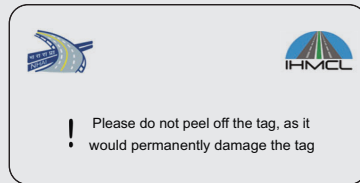


64MM01001

GENERAL INFORMATION

As seen from inside of the vehicle

EXAMPLE



64MM01002

NOTE:

The picture shown is for indicative purpose only. Internal structure of actual device mounted on vehicle may be different.

As seen from outside of the vehicle

EXAMPLE



64MM01003

NOTE:

The picture shown is for indicative purpose only. Internal structure of actual device mounted on vehicle may be different.

NOTE:

- Any attempt to remove the tag from the windscreen will result in permanent damage to the tag.
- Use of chemical cleaners to clean the windscreen area where the tag is mounted can damage the tag.
- Use of any sharp objects on the tag can damage the tag.

GENERAL INFORMATION

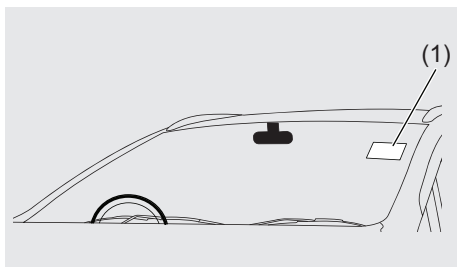
High Security Registration Plate (HSRP)

As per Ministry of Road Transport and Highways, every new vehicle must have HSRP.

HSRP contains;

- Front and rear HSRP, which will be fitted with 2 snap-locks each on number plate area.
- Third license plate on front windshield.

Third License Plate

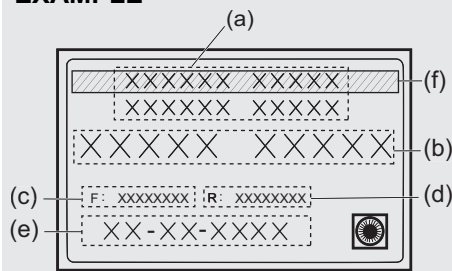


64MM01005

(1) Third license plate

Third license plate - As seen from outside of the vehicle

EXAMPLE



64MM01008

- (a) HSRP issuing authority name
- (b) Vehicle registration number
- (c) Unique laser number - Front plate
- (d) Unique laser number - Rear plate
- (e) Date of 1st registration (in DD-MM-YYYY format)
- (f) Green strip (BS6 vehicle)

NOTE:

The picture shown is for indicative purpose only. Internal structure of actual label mounted on vehicle may be different.

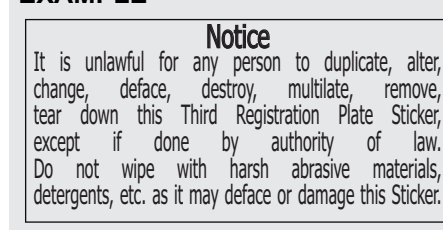
NOTE:

- Any attempt to remove the third license plate from the windscreen will result in permanent damage to the label.
- Use of chemical cleaners to clean the windscreen area where the label is mounted can damage the same.
- Use of any sharp objects on the label can damage the label.

- In the event of any replacement of the third license plate, may please contact the approved authority.

Third license plate - As seen from inside of the vehicle

EXAMPLE



64MM01009

NOTE:

The picture shown is for indicative purpose only.

NOTE:

Color of third license plate (back) is as per HSRP regulation as defined by Ministry of Road Transport and highways.

SPECIFICATIONS

SPECIFICATIONS

NOTE:

Specifications are subject to change without notice.

MT: Manual Transaxle

AT: Automatic Transaxle

ITEM: Dimensions		UNIT: mm
Overall length		4300
Overall width		1785
Overall height		1595
Wheelbase		2600
Track	Front	1535
	Rear	1505

ITEM: Mass (weight)		UNIT: kg
Curb mass (weight)	MT	1130 ~ 1160
	AT	1160 ~ 1170
Gross vehicle mass (weight) rating		1640
Permissible maximum Axle Weight	Front	870
	Rear	890

SPECIFICATIONS

ITEM: Engine	
Type	K15B (DOHC)
Number of cylinders	4
Bore	74.0 mm
Stroke	85.0 mm
Piston displacement	1462 cm ³
Compression ratio	10.5 : 1

ITEM: Electrical	
Standard spark plug	NGK KR6A-10
Lead-acid battery	12V ISS N55 ^{*1}
Lithium-ion battery	Maintenance free ^{*2}
Fuses	See "INSPECTION AND MAINTENANCE" section.

*1 When battery replacement is necessary, use only N55 (Exide Conservo) battery. Else it may deteriorate performance of Smart Hybrid system.

*2 If the lithium-ion battery is completely discharged, the battery cannot be recharged. When replacing or disposing the lithium-ion battery, consult your Maruti Suzuki authorised workshop.

SPECIFICATIONS

ITEM: Lights			WATTAGE	BULB No.
Headlight	Halogen	High beam	12V 55W	H7
		Low beam	12V 55W	H11
	LED		LED	—
Front fog light (if equipped)			12V 19W	H16
Position light (vehicle with halogen headlights)			12V 5W	W5W
Position light & Daytime running light (vehicle with LED headlights)			LED	—
Turn signal light	Front	12V 21W	PY21W	
	Rear	12V 21W	PY21W	
Side turn signal light (on fender)			12V 5W	WY5W
Side turn signal light (on outside rearview mirror)			LED	—
Tail/brake light	Halogen	12V 21/5W	P21/5W	
	LED	LED	—	
High mount stop light			12V 5W	W5W
Reversing light			12V 16W	W16W
License plate light			12V 5W	W5W
Interior light	Glove box light (if equipped)		12V 1.4W	—
	Footwell light (if equipped) / Instrument panel pocket light (if equipped)		LED	—
	Center		12V 10W	—
	Other lights		12V 5W	W5W

SPECIFICATIONS

ITEM: Wheels and Tires	
Tire size, front and rear	215/60R16 95V * ¹
Tire size, spare * ² * ³	For vehicle equipped with 215/60R16 95 V tire 215/60R16 95V (Steel wheel)
Rim size	215/60R16 95V tire: 16X6 1/2J
Tire pressures	For the specified tire pressure, see the Tire Information Label located on the driver's door lock pillar.

*1: When tire replacement is necessary and if the specified load index and speed rated tire is not available, then use a tire of higher load index and speed rating.

*2: The spare wheel provided with alloy wheel variant is steel wheel rim, hence follow 4 tire rotation only. (Refer: Section "Inspection and maintenance")

*3: The provision of different spare wheel is as per government notification/regulation (MORTH notification vide GSR 625 (E)).

ITEM: Recommended Fuel/Lubricants and Capacities (approx.)			
Fuel		See "FUEL RECOMMENDATION" section.	48 L [#]
Engine oil		Classification: API SN Viscosity: SAE 0W-16	3.1 L (replacement with oil filter)
Coolant (including reservoir tank)	MT	See "INSPECTION AND MAINTENANCE" section.	4.7 L
	AT		4.6 L
Transaxle oil	MT	"MARUTI GENUINE GEAR OIL 75W"	2.6 L
	AT	"SUZUKI AT OIL AW-1"	5.0 L
Brake fluid / Clutch fluid		MARUTI GENUINE BRAKE FLUID (MGBF) or DOT 3	Refill to the proper oil level according to the instructions in the "INSPECTION AND MAINTENANCE" section.

The fuel tank capacity is slightly more than the recommended quantity of fuel that you can fill. The additional voluminous space is provided for safety and scientific reasons.

Service Division

MARUTI SUZUKI INDIA LIMITED

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