

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.

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

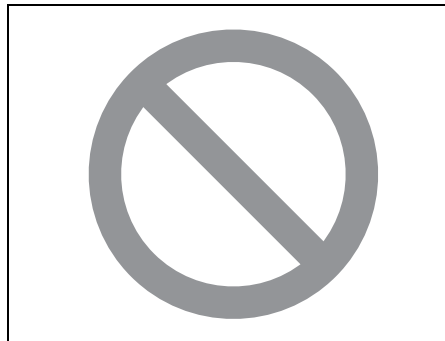
Indicates a potential hazard that could result in minor or moderate injury.

NOTICE

Indicates a potential hazard that could result in vehicle damage.

NOTE:

Indicates special information to make maintenance easier or instructions clearer.



75F135

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

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 may 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.

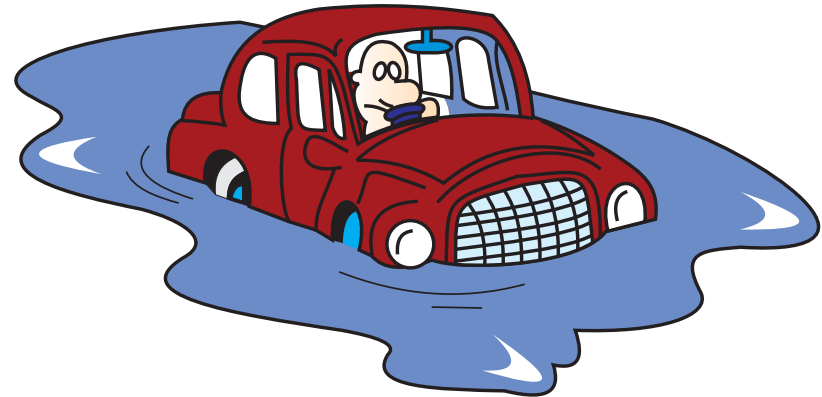
“WARNING”



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.
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.

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																					
<p>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.</p>																					

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:**For Arena Models:****Maruti care****For Nexa Models:****Nexa**

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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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			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)											

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Signature**For periodic maintenance schedule,
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(Selling dealer copy)

(5,000 KM or 6 MONTHS)

Model Name											
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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)											

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(Servicing W/S copy)

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Model Name											
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VIN											
Engine No.											
Mileage											
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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 CUSTOMERWorkshop 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)												

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

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Model Code*												
VIN												
Engine No.												
Mileage												
Invoice Date			D	D	M	M	Y	Y				
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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.
- (i) Any vehicle which has not been operated in accordance with the operating instructions in this Owner's Manual and Service Booklet.

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- (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 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.

(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 Responsibilities:

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.

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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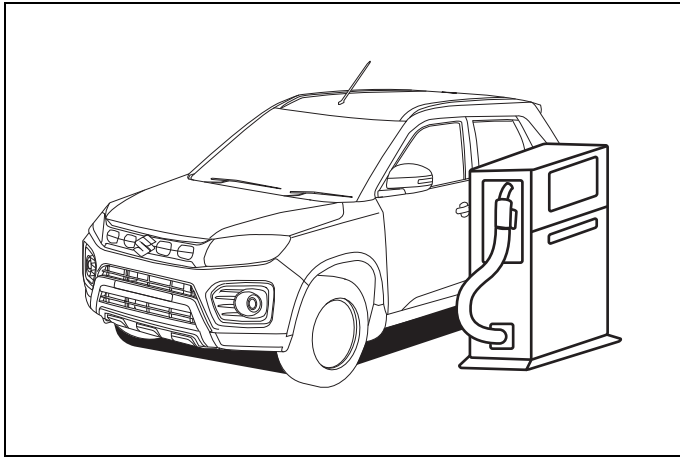
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BEFORE DRIVING	2
OPERATING YOUR VEHICLE	3
DRIVING TIPS	4
OTHER CONTROLS AND EQUIPMENT	5
VEHICLE LOADING AND TOWING	6
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FUEL RECOMMENDATION

FUEL RECOMMENDATION

Fuel Recommendation 1-1

1



82PM01001

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

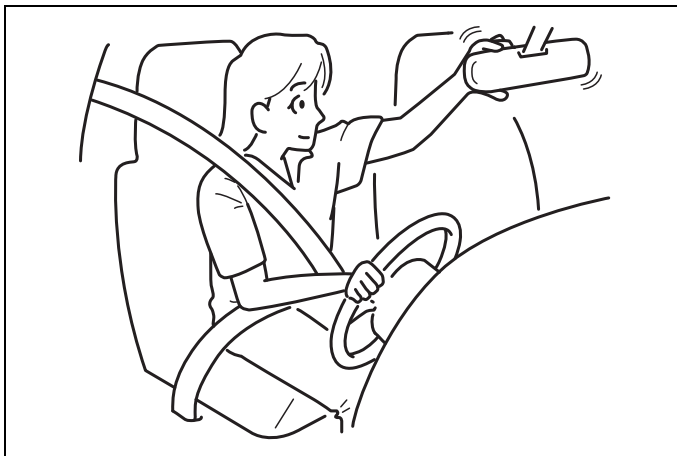
Unleaded petrol containing MTBE (methyl tertiary butyl ether) may be used in your vehicle if the MTBE content is not greater than 15%. This oxygenated fuel does not contain alcohol.

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.



60MHM2T001

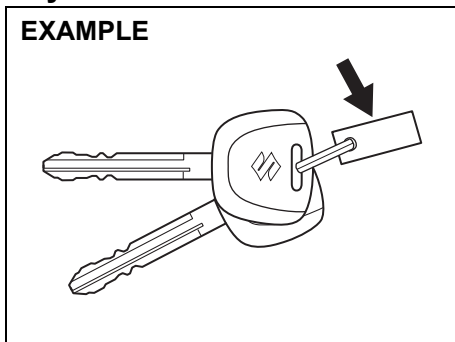
BEFORE DRIVING

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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.

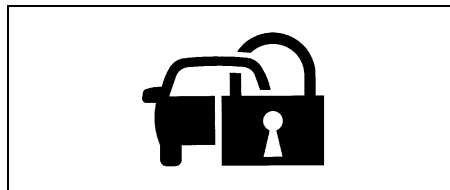
KEY NUMBER:

2-1

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 work.



65D239

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.

NOTICE

Do not modify or remove the immobilizer system. If modified or removed, the system cannot be operated properly.

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 your 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 PUSH 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 your Maruti Suzuki authorised workshop to have the system inspected.

BEFORE DRIVING

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, ask a Maruti Suzuki authorised workshop as soon as possible to deactivate the lost one, and to make a new key or remote controller.
- If you own other vehicles with immobilizer keys, keep those keys away from the ignition switch or the engine switch when using your MARUTI SUZUKI vehicle. Otherwise, or the engine may not be started because they may interfere with your MARUTI SUZUKI vehicle's immobilizer system.
- If you attach any metal objects to the immobilizer key or remote controller, it may not start the engine.
- This immobilizer system is maintenance-free.

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

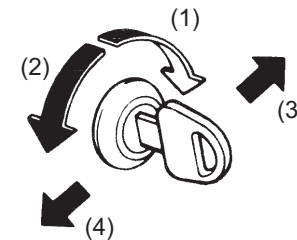
A buzzer sounds intermittently to remind you to remove the ignition key if it is in the ignition switch when the driver's door is opened.

Door Locks

Side Door Locks

Driver's door

EXAMPLE



79MH0201

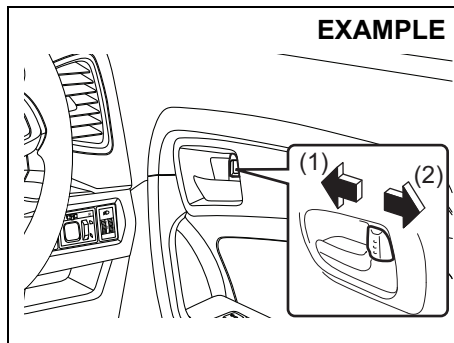
- (1) LOCK
- (2) UNLOCK
- (3) Front
- (4) Rear

To lock a front door from outside the vehicle:

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

To unlock a driver's door from outside the vehicle, insert the key and turn the top of the key toward the rear of the vehicle.

BEFORE DRIVING



- (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.

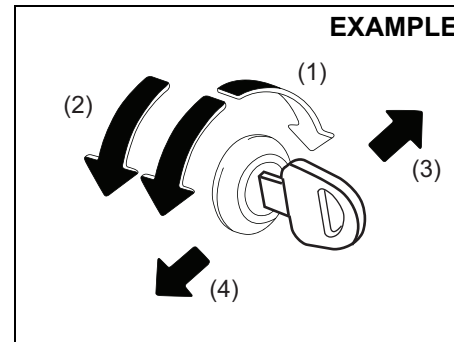
To lock a rear door from outside the vehicle, turn the inside lock knob forward and close the door. You do not need to pull and hold the door handle as you close the door.

NOTE:

Be sure to hold the door handle when you close the front door to lock it, or the door will not lock.

Central Door Locking System

Driver's door



- (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.

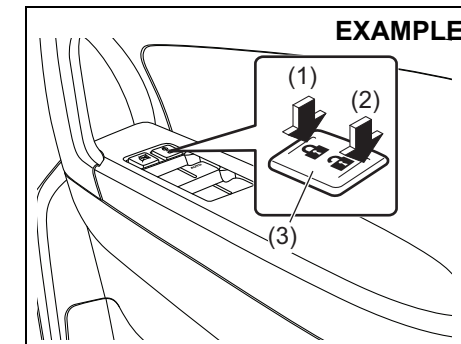
To lock all doors simultaneously, insert the key in the driver's door lock and turn the top of the key toward the front of the vehicle once.

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



- (1) LOCK
- (2) UNLOCK

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

BEFORE DRIVING

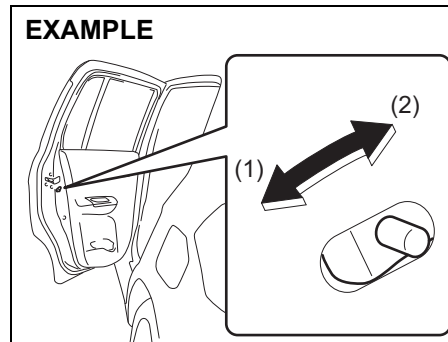
NOTE:

- 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 (if equipped)" 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 (if equipped)" in this section.

NOTE:

- All doors are automatically unlocked when you change the ignition mode to "LOCK" (OFF) or turn the ignition switch to "LOCK" position and pull out the key.
- 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.

Child-Proof Locks (rear door)



76MH0A021

- (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

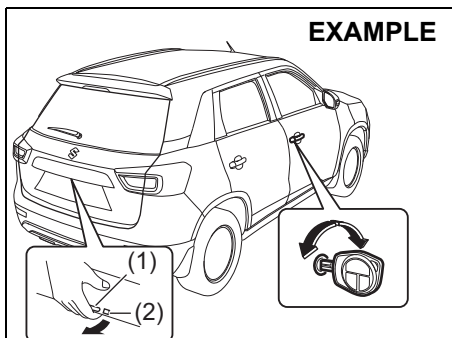
Place the child-proof lock in the lock position whenever children are seated in the rear.

BEFORE DRIVING

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 to keep the exhaust gases from entering the vehicle.



- (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.

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

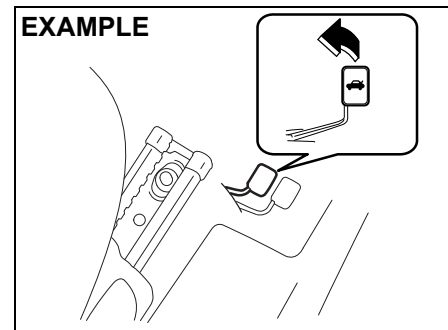
When all the doors are closed and if the keyless push start remote controller is left in the trunk, the tailgate will be automatically unlatched.

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.

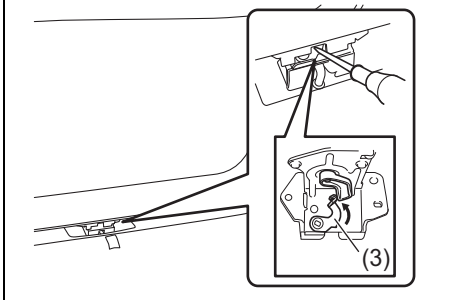
EXAMPLE



You can also unlatch the tailgate by pulling the release lever located on the outboard side of the driver's seat.

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.

EXAMPLE

82PH02030

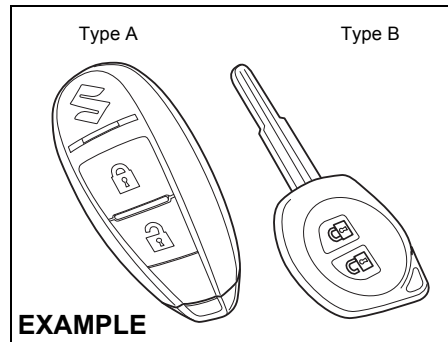
- 2) Push open the tailgate from inside by pushing up on the emergency lever (3) using a flat blade screwdriver or the jack handle. The tailgate will be latched again by closing the tailgate simply.

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)



82PH02035

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.

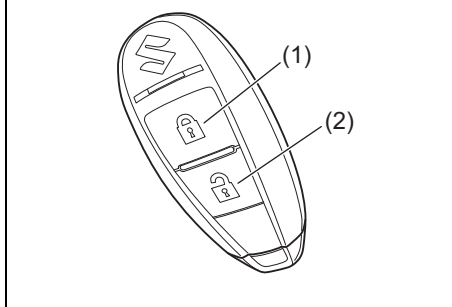
BEFORE DRIVING

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.

2-7

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.

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.*
- *If you push both the lock button (1) and unlock button (2) simultaneously, then you push any 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.*

BEFORE DRIVING

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 your 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.

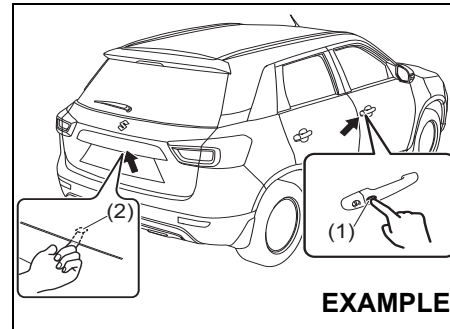
Car locator function

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.

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.

Keyless unlocking/locking using the request switches



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 (2).

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 or the lock switch on the keyless push start system remote controller when the engine hood is open, the siren will sound 3 times to remind you.

BEFORE DRIVING

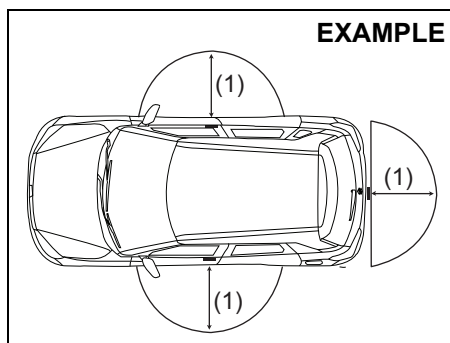
- If the security system was triggered due to an unauthorized entry into the vehicle and then you unlock the doors using the request switch, the siren will sound 4 times to remind you. If this happens, check whether your vehicle has been broken into while you were away from it.
- You can set whether 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 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.



(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.

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.

BEFORE DRIVING

NOTE:

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

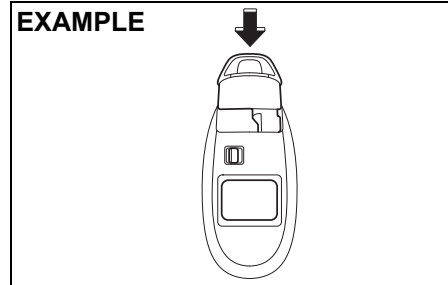
- When there are strong signals coming from a television, power station or a cellular phone.
- When the remote controller is in contact with or covered by a metal object.
- When a radio wave type remote keyless entry is used nearby.
- When the remote controller is placed near an electronic device such 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.
- Be sure that the driver always carries the remote controller.
- If you lose one of the remote controllers, ask your 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 your 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.

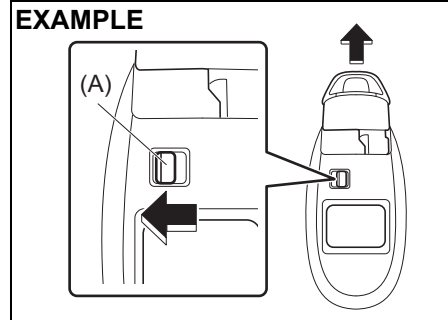
EXAMPLE



57L21016

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

EXAMPLE



54P000263

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 will not work:

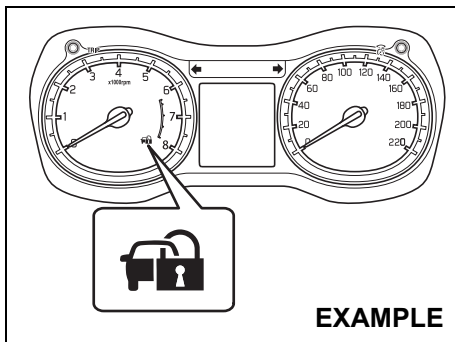
- The request switch is pressed after all doors are closed with the ignition mode changed to "ACC" or "ON" position by pressing the engine switch when the controller is outside the vehicle.
- The request switch is pressed in any of the following conditions after changing the ignition mode to "LOCK" (OFF)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

BEFORE DRIVING

Reminder function



82PH019

If the remote controller is not in the vehicle, the buzzer sounds intermittently for about 2 seconds and the immobilizer system 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 other than "LOCK".

The immobilizer system light will turn off within several seconds after the remote controller is 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 function 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.

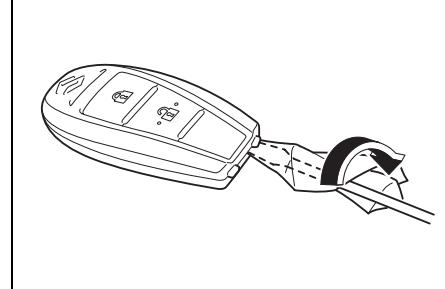
NOTICE

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

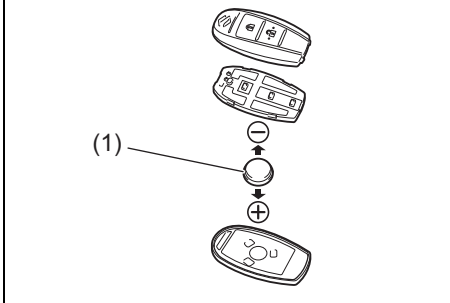


71LMT0201

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

BEFORE DRIVING

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.

NOTICE

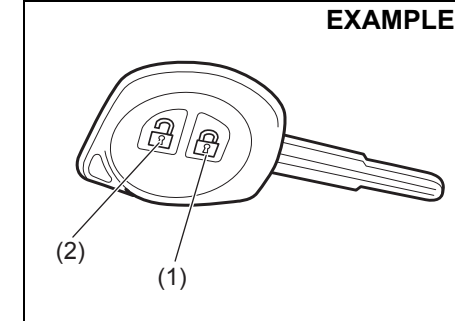
- The remote controller is a sensitive electronic instrument. To avoid damaging it, do not expose it to dust or moisture or tamper with internal parts.
- When replacing the battery by yourself, the remote controller could be damaged affected by static electricity. Discharge the static electricity built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



76MS011

- (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.

BEFORE DRIVING

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 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:

- 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 trans-

mitter, 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.

- 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 will sound twice.
- If you lose one of the transmitters, ask your 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

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.

BEFORE DRIVING

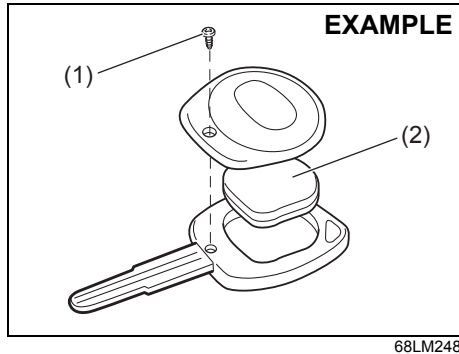
Battery replacement

If the transmitter becomes unreliable, replace the battery.

NOTICE

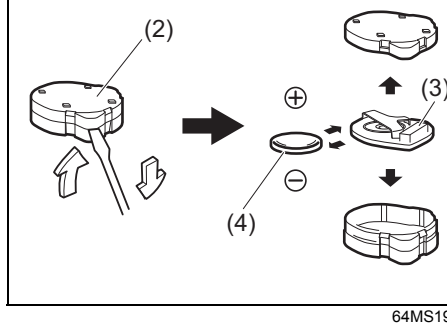
When replacing the battery, do not touch the electronic component in the transmitter with wet or oil-stained hands. Otherwise, the transmitter may be damaged.

To replace the battery of the transmitter:



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

EXAMPLE



- (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.

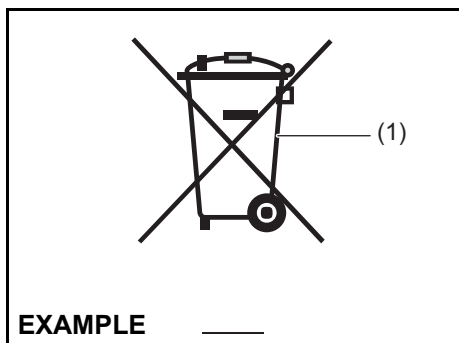
NOTICE

- 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.

BEFORE DRIVING



80JM133

(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.

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 in case of any attempt 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 your 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 information 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.

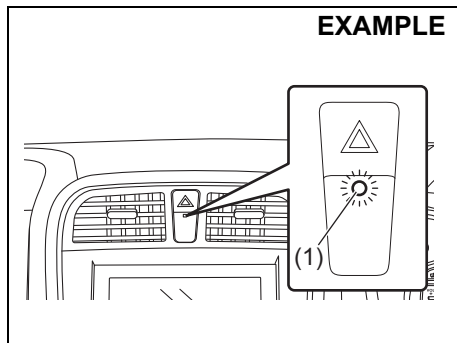
NOTE:

- 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. Mistakenly triggering the alarm may cause a nuisance to others.
- 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.

BEFORE DRIVING

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



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 will be triggered if swings the vehicle (if the shock sensor is in 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

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 your 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, the alarm will stop by the following operations.

- Press the engine switch to change the ignition mode to "ON" or turn the ignition switch to "ON" position in case of emergency.

- Unlock the doors using the keyless entry system transmitter, keyless push start system remote controller or request switch.

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.

BEFORE DRIVING

Security system indication

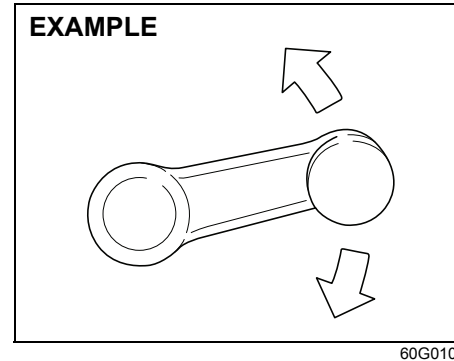
- If any of the doors are opened without unlocking by the keyless entry system transmitter, keyless push start system remote controller or request switch, all turn signal lights start to blink and the interior buzzer beeps intermittently. After 5 seconds, the siren will sound for about 27.5 seconds. 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 the enabled state and the vehicle feels a shock, the siren sounds for about 2 seconds (pre-warning). If the vehicle continues to feel a shock, the 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

Manual Window Control (if equipped)

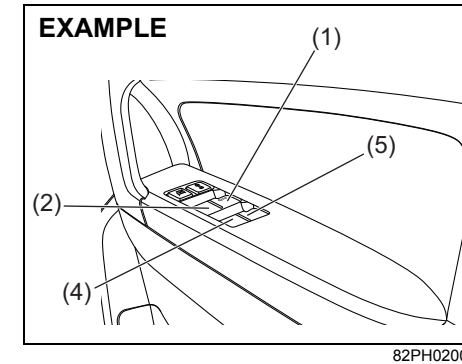


Raise or lower the door windows by turning the handle located on the door panel.

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".

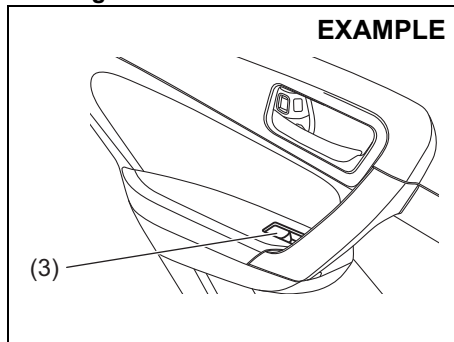
Driver's door



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 (4), (5), to operate the rear left and right passenger windows, respectively.

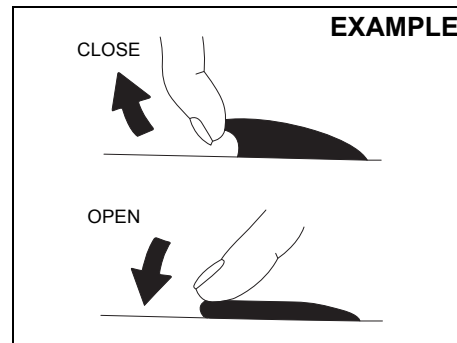
BEFORE DRIVING

Passenger's door



82PH02013

The passenger's door has a switch (3) to operate that passenger's window.

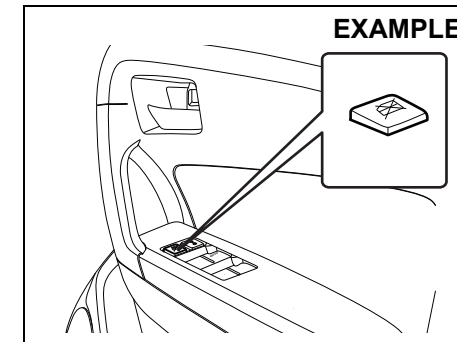


81A009

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 feature and AUTO-UP feature 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



82PM02011

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 it 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 could use 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

If the driver's window has the AUTO-UP feature, the driver's window is also equipped with the pinching prevention function. The function detects a foreign object caught in the window while being closed by the AUTO-UP feature (by 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 power window fuse (20A), 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:

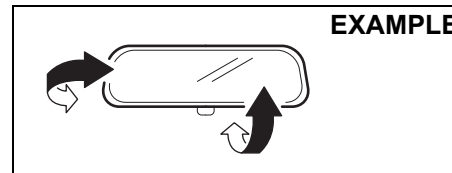
- 1) Turn the ignition switch to the "ON" position or press the engine switch to change the ignition mode to "ON".
- 2) Open the driver's window fully by holding the window switch in the DOWN position.
- 3) Close the driver's window by holding the switch in the UP position, and keep holding the switch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

⚠ WARNING

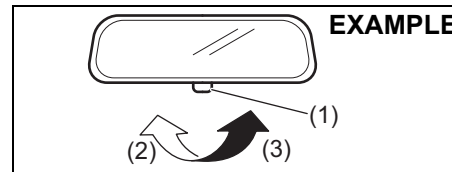
Whenever you disconnect and reconnect the battery or replace the power window fuse (20A), the pinching prevention function needs to be initialized.

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**Inside Rearview Mirror**

68LMT0205



82PH02039

- (2) Day driving
(3) Night driving

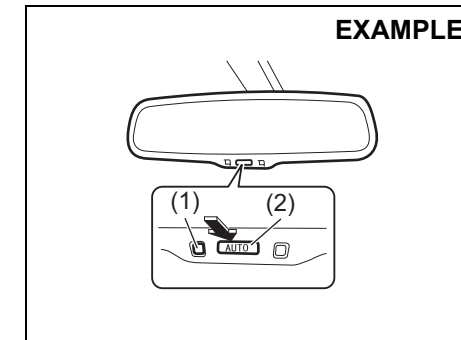
You can adjust the inside rearview mirror by hand so as to see the rear of your vehicle in the mirror.

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.

Auto Dimming Rearview Mirror (if equipped)

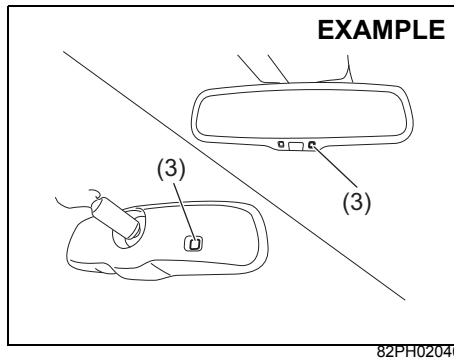
82PH02040

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

BEFORE DRIVING

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 ignition switch is in the "ON" position or the ignition mode is "ON".
- When the 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 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.



⚠ 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.

NOTICE

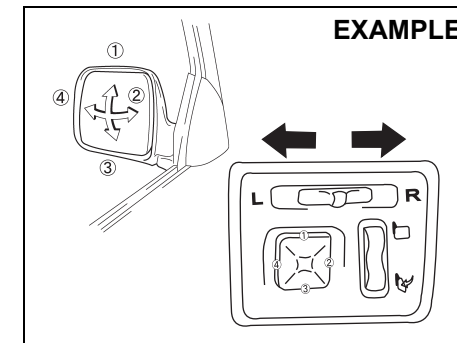
Do not hook anything heavy on the mirror, or the mirror may break under the weight.

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.



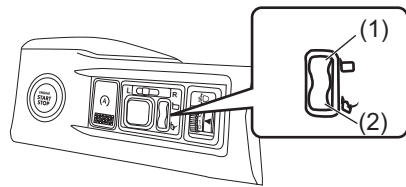
The switch to control the electric mirrors is located on the instrument panel. You can adjust the mirrors when the ignition switch is in the "ACC" or "ON" position, or the ignition mode is "ACC" or "ON". To adjust the mirrors:

- 1) Move the selector switch (L - R knob) to the left or right to select the mirror you wish to adjust.
- 2) Press the control knob of the switch in the direction 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.

BEFORE DRIVING

Outside Rearview Mirrors Folding Switch (if equipped)

EXAMPLE



82PM02009

You can fold the mirrors when you park the vehicle in a narrow space. When the ignition mode is "ACC" or "ON", push the lower part (2) of the folding switch to fold the mirrors. To unfold the mirrors, push the upper part (1) of the switch. Make sure the mirrors are completely unfolded before you start 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.

Remote Folding Mirrors (if equipped)

When the outside rearview mirrors folding switch is in the unfolded position, the outside rearview mirrors are folded or unfolded in conjunction with the door locking or engine switch operation.

- When you lock the doors (including the tailgate) by using the remote controller or pushing the request switch, the mirrors will be folded automatically.
- To unfold the mirrors, push the engine switch to change the ignition mode to "ACC" or "ON".
- The factory setting is that the function is enabled. You can switch the function from enabled to disabled, and vice versa. To switch the function for your preference, refer to "How to switch the remote folding mirrors function".

NOTICE

In cold conditions when the mirrors are frozen, disable the function. If the mirrors are folded and unfolded repeatedly without thawing, the mirrors may be damaged.

NOTE:

- If the doors are locked by using the key, lock knob on the door or power door locking switch, the mirrors will not be folded automatically.
- If the outside rearview mirrors folding switch is in the folded position, the mirrors will not be unfolded automatically, even when the engine switch is pushed to change the ignition mode to ACC or ON.

rors will not be unfolded automatically, even when the engine switch is pushed to change the ignition mode to ACC or ON.

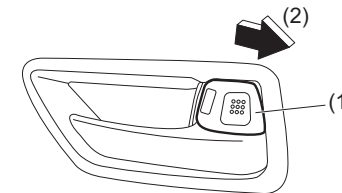
- If any of the doors is not opened within about 30 seconds after the doors are unlocked by using the keyless push start system remote controller or request switch, the doors will be locked again and the mirrors will be folded automatically.

How to switch the remote folding mirrors function

When the ignition mode is "LOCK (OFF)", you can switch the function from the enabled state to the disabled state, and vice versa, using the following method.

- 1) Sit in the driver's seat and make sure that all doors are closed.
 - If any door is open, the open door warning light comes on.

EXAMPLE



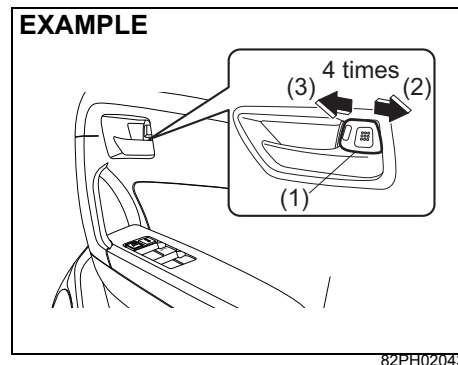
82PH02042

BEFORE DRIVING

- 2) Turn the lock knob (1) on the driver's door rearward (2).

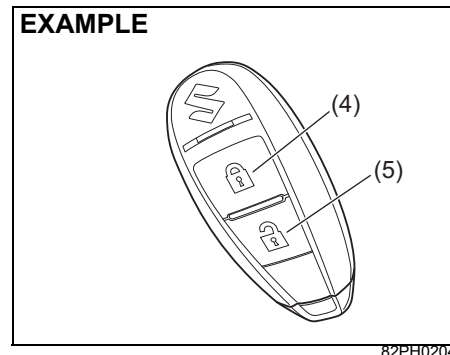
NOTE:

All operations included in the following steps 3) and 4) must be completed within 15 seconds.



- 3) Turn the lock knob (1) on the driver's door towards forward (3) (lock) & rearward (2) (unlock). Repeat the operations of this step for 4 times.

EXAMPLE



- (4) Lock button
(5) Unlock button

- 4) Push any of the buttons on the keyless push start system remote controller 3 times.
- Push either lock button or unlock button described above you like.
 - During operation, the doors are not locked or unlocked.

Every time you perform the series of the above steps, the state of the remote folding mirrors function changes from the currently selected one to the other. You can check whether the system is enabled or disabled by the number of interior buzzer beeps at the end of the procedure as follows.

System state	Number of beeps
Disabled	Once
Enabled	2 times

- If you cannot complete the operations in step 3) and 4) within 15 seconds correctly, the state of the remote folding mirrors function will not change and the interior buzzer does not beep. Perform the procedure again from the beginning.

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.

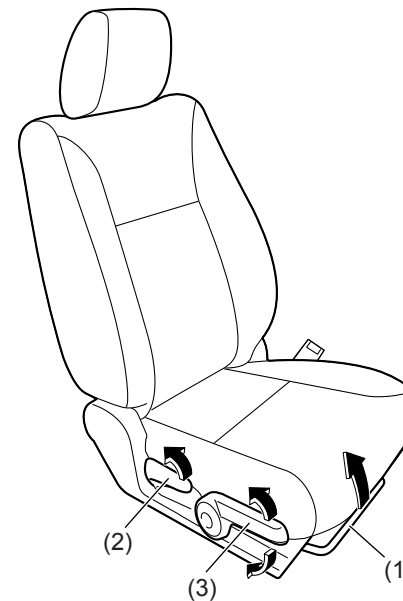
⚠ WARNING

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.

EXAMPLE



82PM02012

BEFORE DRIVING

Seat position adjustment lever (1)

Pull the lever up and slide the seat.

Seatback angle adjustment lever (2)

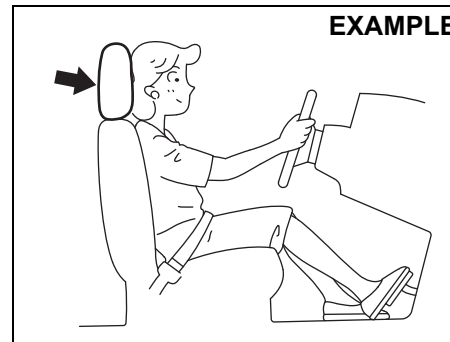
Pull the lever up and move the seatback.

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.

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.

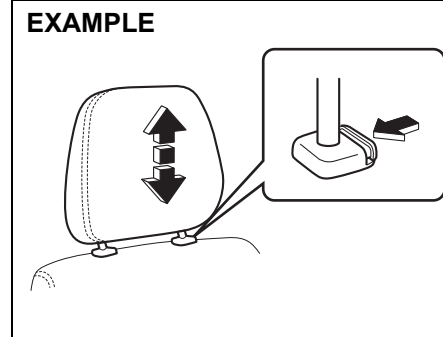
⚠ WARNING

- **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 seatback to provide enough overhead clearance to remove the head restraint.

Front



61MM0A032

To raise the front head restraint, pull upward on the restraint until it clicks. To lower the restraint, push down on 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

Head Restraints (if equipped)

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.

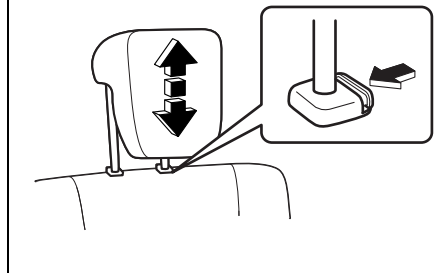
NOTE:

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



61MM0A033

To raise the rear head restraint, pull upward on the restraint until it clicks. To lower the restraint, push down on 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.

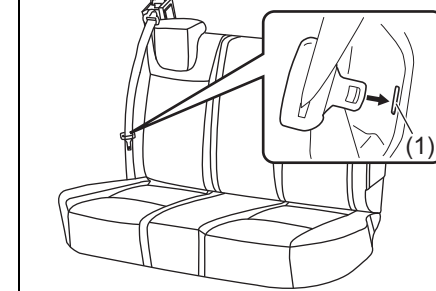
When installing a child restraint system, raise the head restraint to the most upper position.

Folding Rear Seats

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

To fold the rear seats forward:

EXAMPLE



82PH02020

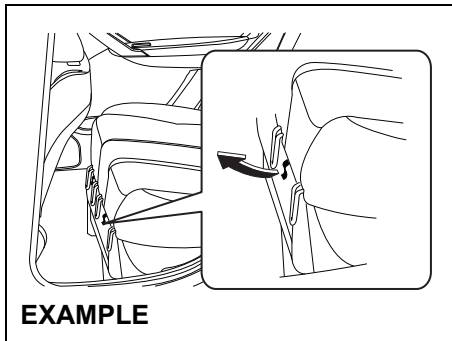
- 1) Insert the latch plate of the outboard lap-shoulder belts into the slit (1).

NOTICE

- When you move a seatback, make sure the latch plate is inserted into the slit securely so the seat belts are not caught by the seatback, seat hinge, or seat latch. This helps prevent damage to the belt system.
- Make sure the belt webbing is not twisted.

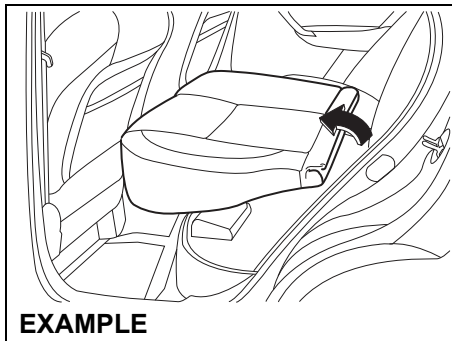
BEFORE DRIVING

- 2) Set the front seat back to upright position and if necessary, slide the front seat forward.

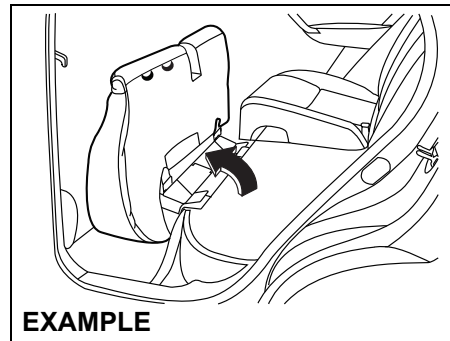


82PH02021

- 3) Lift the front portion of the seat cushion.

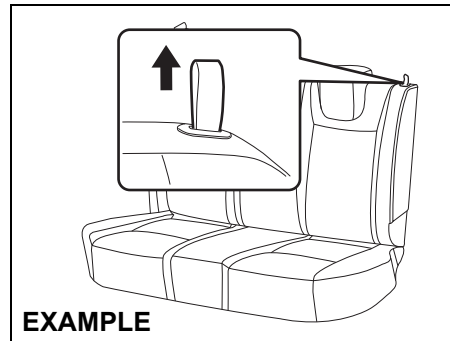


82PH02026



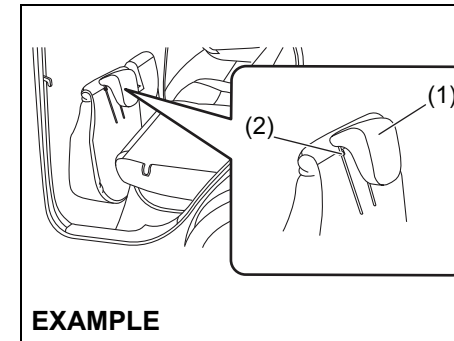
82PH02022

- 4) Lift the rear portion of seat cushion to upright position.
5) Remove the head restraint (if equipped) from the seatback(s).



82PH02023

- 6) Pull up the release straps on the top of the seat(s), and fold the seatback forward.



82PH02024

- 7) Insert the head restraint(s) (if equipped) rod (1) into the loop (2) provided on the cushion(s).

NOTICE

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

BEFORE DRIVING

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.

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

WARNING

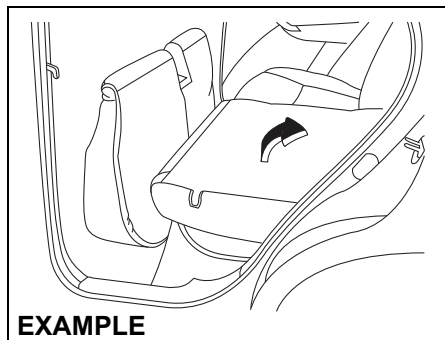
When returning the rear seatback to the normal position, make sure that there is nothing around the striker. Any foreign materials prevent the seatback from being locked securely.

CAUTION

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

NOTE:

When returning the seat(s) to normal position, place the rear safety belt and buckles to proper position. Ensure that the safety belts are not twisted or pinched under the rear seat cushion.



- 1) Raise the seatback until it locks into place.

After returning the seat, try moving the seatback to make sure they are securely latched.

CAUTION

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

- 2) Install the head restraint(s) (if equipped) on the seat back.
- 3) Move the seat cushion to its original position. Push the front part of the seat cushion down to latch it in place.

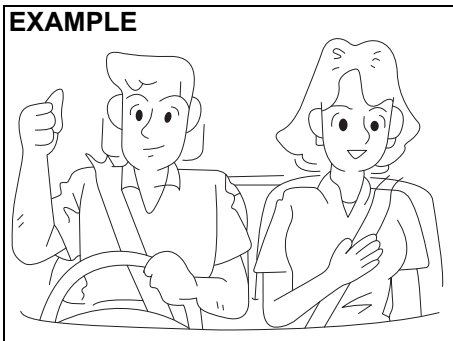
NOTICE

- 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.

BEFORE DRIVING

Seat Belts and Child Restraint Systems

EXAMPLE



65D231

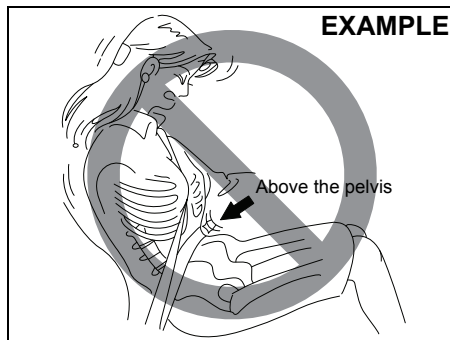
⚠ WARNING

Wear Your Seat Belts at All Times.

⚠ WARNING

An air bag 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, whether or not an air bag is mounted at their seating position, to minimize the risk of severe injury or death in the event of a crash.

EXAMPLE



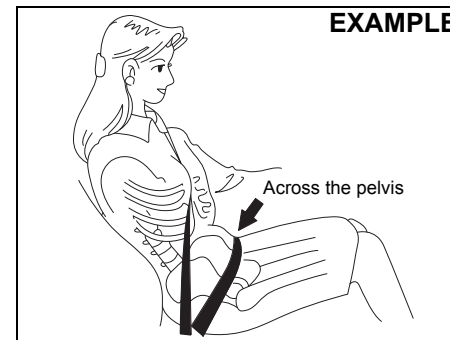
65D606S

⚠ 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.
- 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)

EXAMPLE



65D201A

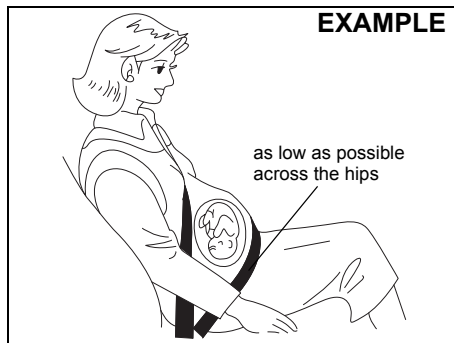
⚠ WARNING

(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)

BEFORE DRIVING



65D199A

⚠ 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 your seat belt over hard or breakable objects in your pockets or on your clothing. If an accident occurs, objects such as glasses, pens, etc. under the seat belt can cause injury.

(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)

⚠ WARNING

(Continued)

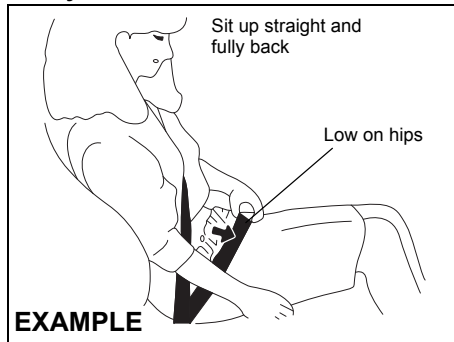
- For children, if the shoulder belt irritates the neck or face, move the child closer to the center of the vehicle.
- Avoid contamination of seat belt webbing by polishes, oils, chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water.
- Do not insert any 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.

BEFORE DRIVING

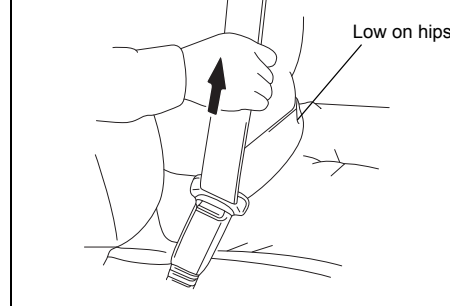
Lap-Shoulder Belt Emergency Locking Retractor (ELR)

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



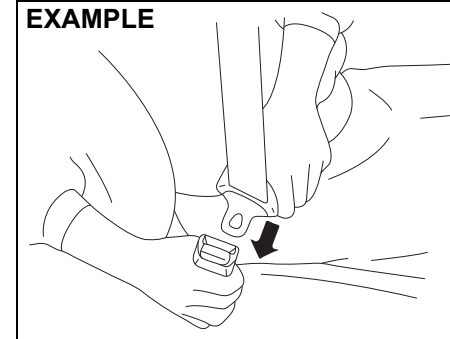
EXAMPLE



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.

All Seat Belts Except Rear Center

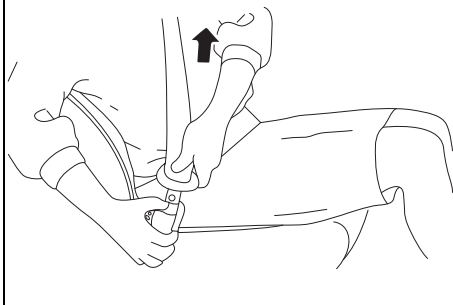
All seat belts except rear center are the lap-shoulder belt.



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.

BEFORE DRIVING

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.

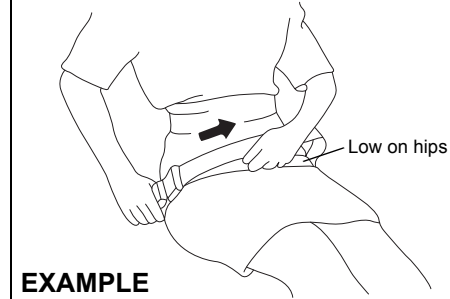
Lap belt

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

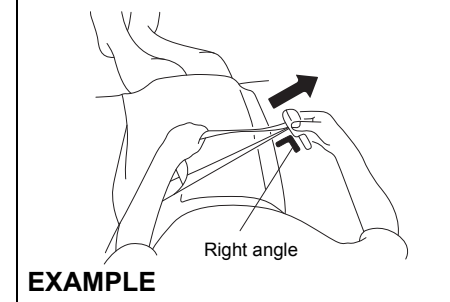


80JS028

EXAMPLE

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

TO LOOSEN



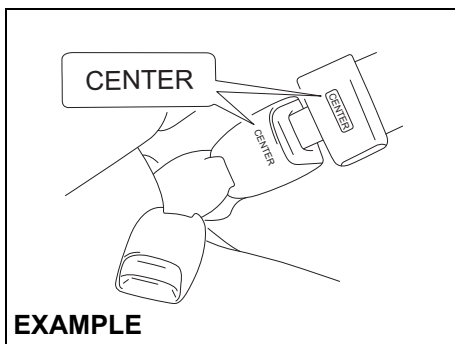
80JS029

EXAMPLE

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 refitted into the buckle and the belt tightened as previously described.

To unfasten the belt, press the release button on the buckle catch.

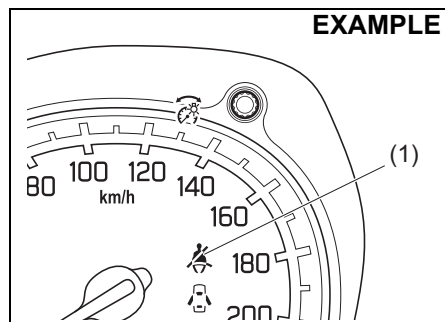
BEFORE DRIVING



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



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

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 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 reminder system will be activated from Step 1) or 2) according to the vehicle's speed. When the vehicle's speed is less than 15 km/h, the reminder will start from

BEFORE DRIVING

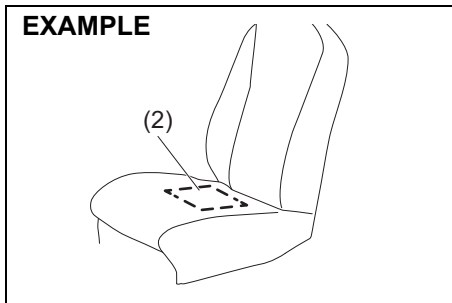
Step 1). When the vehicle's speed is more than 15 km/h, the reminder will start from Step 2).

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



69RH203

(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:

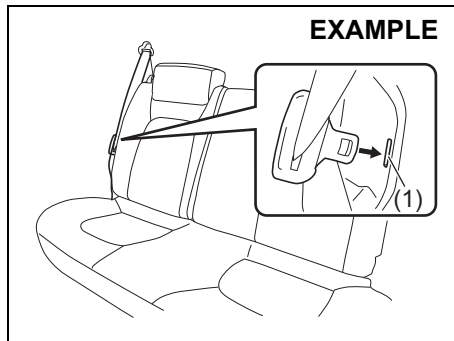
- If you put an object on the passenger's seat, the weight of the object will be sensed by the sensor and the front passenger's seat belt reminder light will come on and then the interior buzzer may beep.
- If a child or a small sized person sits on the front passenger's seat or the cushion is put on 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

Rear Seat Belt Hanger

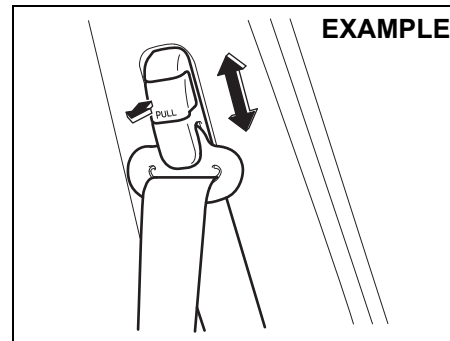


76MH0A028

NOTICE

- When you move a seatback, make sure the latch plate is inserted into the slit (1) securely so the seat belts are not caught by the seatback, seat hinge, or seat latch. This helps prevent damage to the belt system.
- Make sure the belt webbing is not twisted.

Shoulder Anchor Height Adjuster (if equipped)



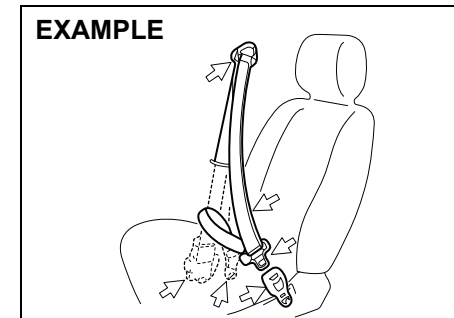
64J198

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



65D209S

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.

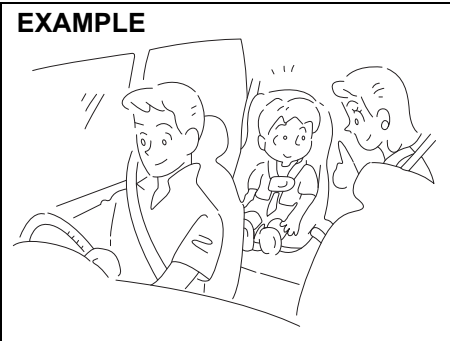
⚠ WARNING

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 pretensioner was activated.

BEFORE DRIVING

Child Restraint Systems

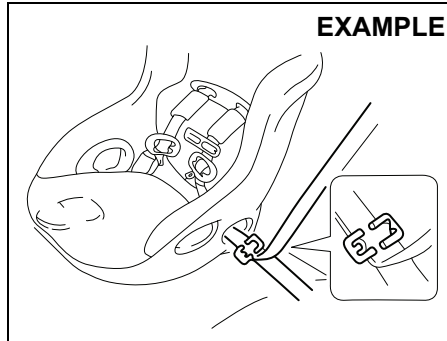
EXAMPLE



60G332S

Child restraint

EXAMPLE



80JC021

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; check that the restraint system you select meets applicable safety standards.

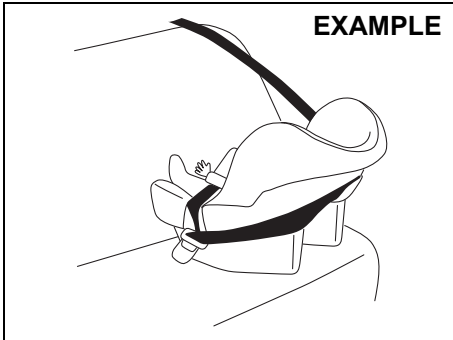
All child restraint systems are designed to be secured on vehicle seats by either seat belts or by special rigid lower anchor bars built into the seat.

NOTE:

Observe any statutory regulation about child restraints.

Infant restraint

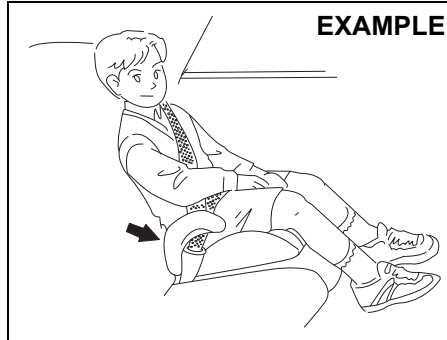
EXAMPLE



79J221

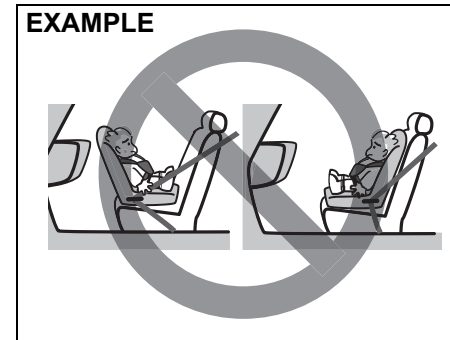
Booster seat

EXAMPLE



79J223

EXAMPLE



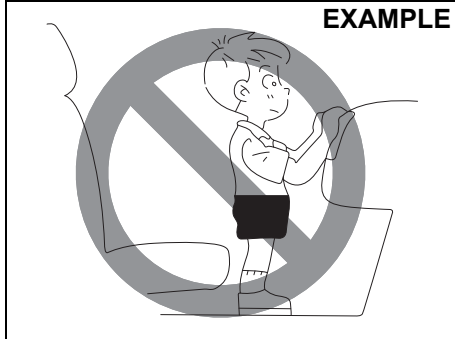
61M0241

BEFORE DRIVING

⚠ WARNING

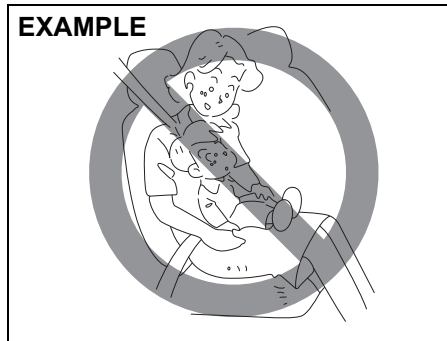
- Do not install a child restraint system on the front passenger's seat since a child restraint system cannot be installed appropriately.
- If you install a child restraint system in the rear seat, slide the front seat far enough forward so that the child's feet do not touch the front seatback. This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

EXAMPLE



65D608D

EXAMPLE



65D609S

⚠ WARNING

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

Installation with Lap-Shoulder Seat Belts

NOTICE

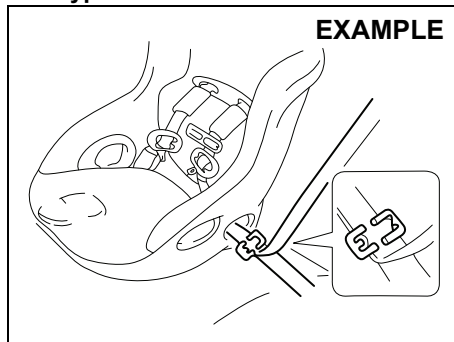
If you can adjust the position of rear head restraint (if equipped), adjust the height of the rear head restraint or remove it for fitting the child restraint, as necessary. However, if a booster cushion not equipped with the head restraint is fitted, the rear seat head restraint should not be removed. 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 inconvenience the occupants.

BEFORE DRIVING

ELR type belt

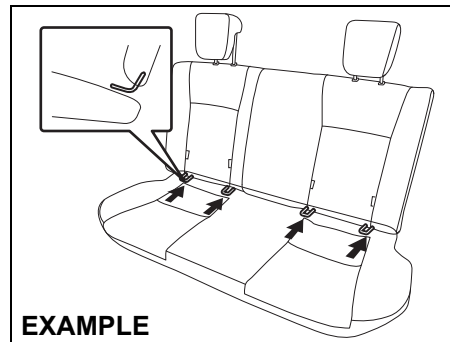


Install your child restraint system according to the instructions provided by the child restraint system manufacturer.

Make sure that the seat belt is securely latched.

Try to move the child restraint system in all directions to make sure it is securely installed.

Installation with ISOFIX type anchorages

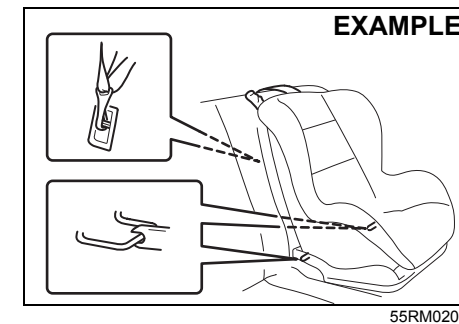


Your vehicle is equipped with the lower anchorages in the rear seat outboard seating positions for securing a ISOFIX type of child restraints with the connecting bars. The lower anchorages are located where the rear of the seat cushion meets the bottom of the seatback.

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.



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.

BEFORE DRIVING

Here is a general instruction:

⚠ CAUTION

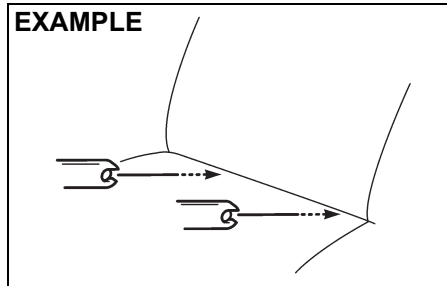
If your vehicle is equipped with the rear head restraint, adjust the height of the rear head restraint or remove it for fitting the child restraint, as necessary. However, if a booster cushion not equipped with the seatback is fitted, the rear seat head restraint should not be removed. If the rear head 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.

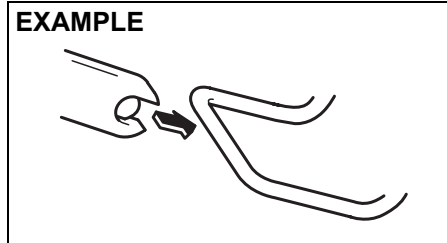
EXAMPLE



78F114

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

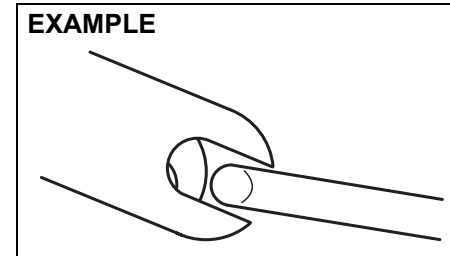
EXAMPLE



68LM268

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

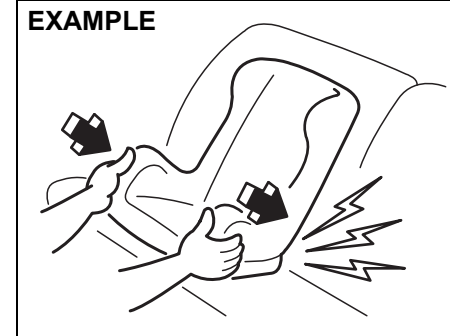
EXAMPLE



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.

EXAMPLE



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

BEFORE DRIVING

- 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.
- 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.

Installation of child restraint with top tether

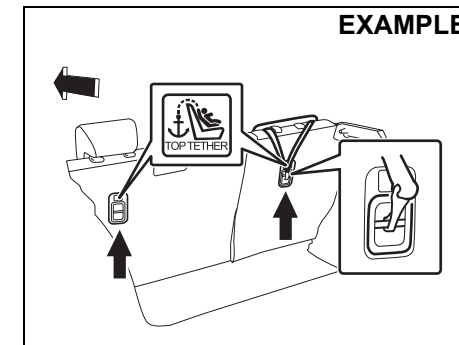
CAUTION

If your vehicle is equipped with the 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 seatback 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.



82PM02002

Some child restraint systems require the use of a top tether strap. Top tether anchor 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.
- 2) 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.
- 3) 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 correspond-

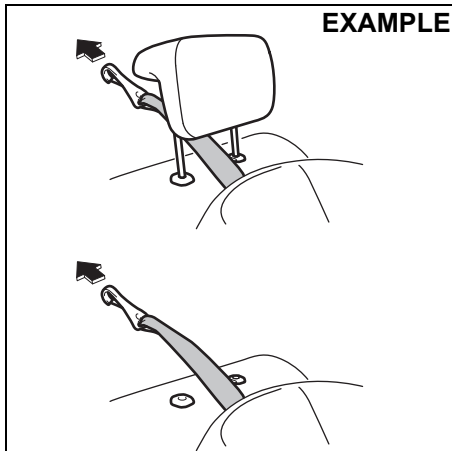
BEFORE DRIVING

ing 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.

EXAMPLE



55RM02028

- 4) When routing the top tether strap, pass the top tether strap as shown in the illustration. (Refer to “Head restraints (if equipped)” section for details on how to adjust the height of head restraint (If equipped) or remove it.)
- 5) 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”

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

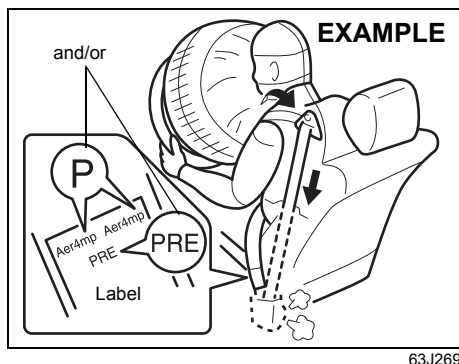
N.A = Seat position not available for children in this mass group.

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 (air bags)" section to learn more about the pretensioner system.

The seat belt pretensioner system works with the SUPPLEMENTAL RESTRAINT SYSTEM (Air Bags). The crash sensors and the electronic controller of the air bag system also control the seat belt pretensioners. The pretensioners are triggered only when there is a frontal crash severe enough to trigger the air bags and the seat belts are fastened. For precautions and general information including servicing the pretensioner system, refer to the "Supplemental Restraint System (air bags)" 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.

BEFORE DRIVING

Please note that the pretensioners along with the air bags 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 air bags are activated), have the pretensioner system replaced by a Maruti Suzuki authorised workshop as soon as possible.

The pretensioner system or the air bag 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.

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 unin-

tended 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 Maruti Suzuki authorised workshop.

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

BEFORE DRIVING

Supplemental Restraint System (air bags)

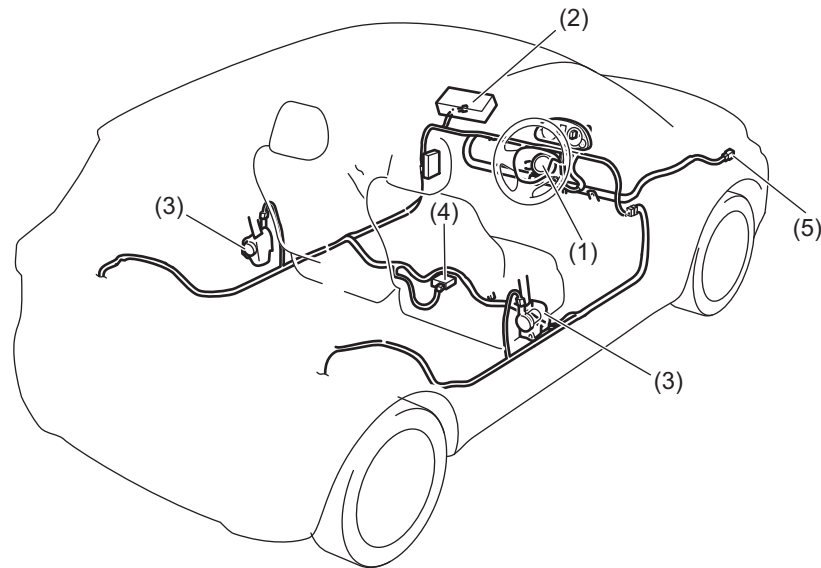
WARNING

This section of the owner's manual describes the protection provided by your Vehicle's **SUPPLEMENTAL RESTRAINT SYSTEM** (air bags). 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 air bag module
- (2) Front passenger's front air bag module
- (3) Seat belt pretensioners
- (4) Air bag controller
- (5) Forward crash sensor

EXAMPLE



82PH02036

⚠ WARNING

An air bag 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 air bag is mounted at their seating position, to minimize the risk of severe injury or death in the event of a crash.

Air bag light

63J030

If the air bag 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 air bag light stays on, or comes on while driving, the air bag system (or the seat belt pretensioner system) may not work properly. Have the air bag system inspected by a Maruti Suzuki authorised workshop as soon as possible.

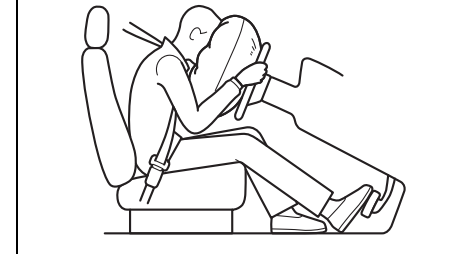
Air bag symbol meaning**EXAMPLE**

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 Air Bags**EXAMPLE**

63J259

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

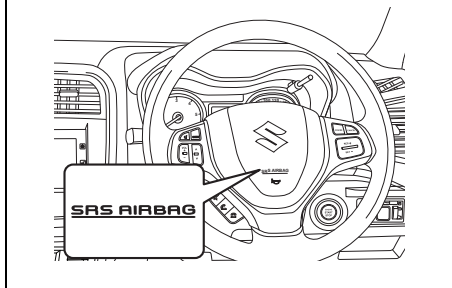
Front air bags are not designed to inflate in rear impacts, side impacts, rollovers or minor frontal collisions, since they would offer no protection in those types of accidents. Remember, since an air bag deploys only one time during an accident, seat belts are needed to restrain occupants from further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

Therefore, an air bag 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 air bag

EXAMPLE



82PH02008

located behind the passenger's side of the dashboard.
The words "SRS AIRBAG" are molded into the air bag covers to identify the location of the air bags.

⚠ 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.

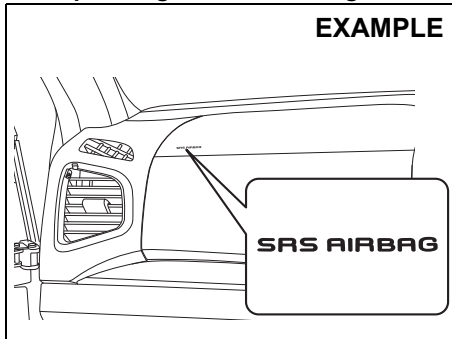
⚠ WARNING

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

Please refer to the "Seat Belts and Child Restraint Systems" section in this section for details on securing your child.

Front passenger's front air bag

EXAMPLE



82PH02009

The driver's front air bag is located behind the center pad of the steering wheel and the front passenger's front air bag is

EXAMPLE

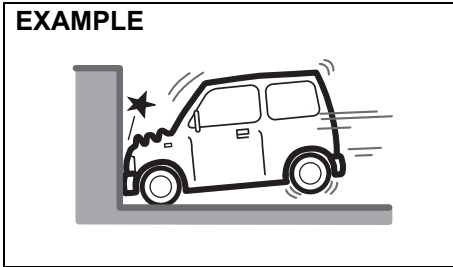


61M0241

BEFORE DRIVING

Conditions of front airbags deployment (Inflation)

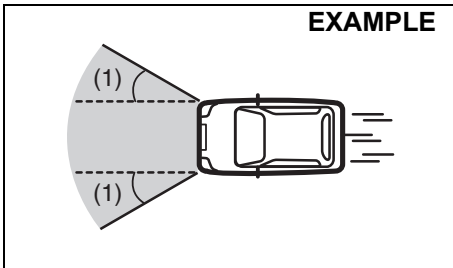
EXAMPLE



80J097

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

EXAMPLE



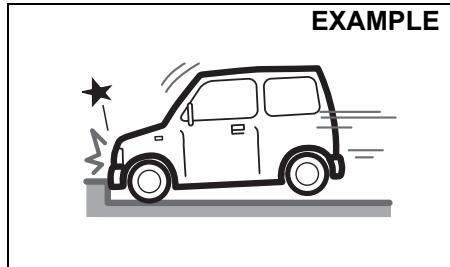
80J098E

- 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.

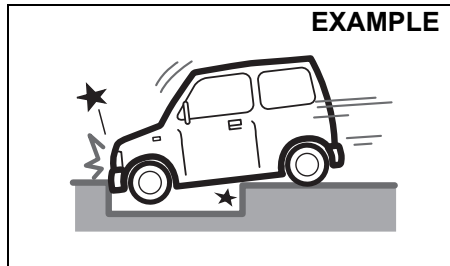
EXAMPLE



80J099

- Hitting a curb or medial strip

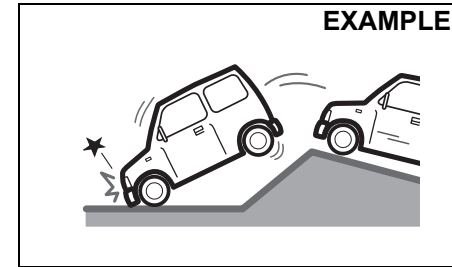
EXAMPLE



80J100E

- Falling into a deep hole or ditch

EXAMPLE



80J101

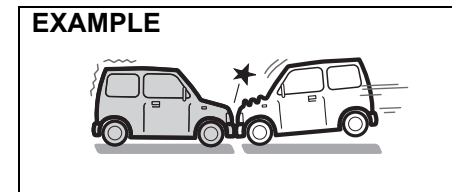
- Landing hard or falling

Front airbags may not inflate

The front airbags may not inflate when a strong impact has not occurred since the collision object was 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.

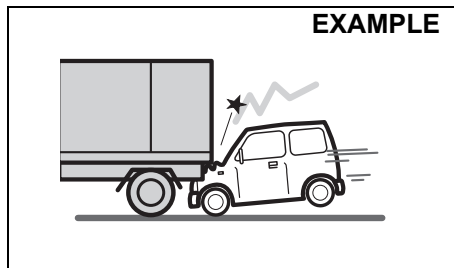
EXAMPLE



80J102

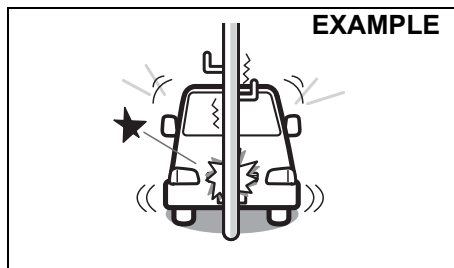
- Frontal collision to a stopped vehicle at less than about 50 km/h

BEFORE DRIVING



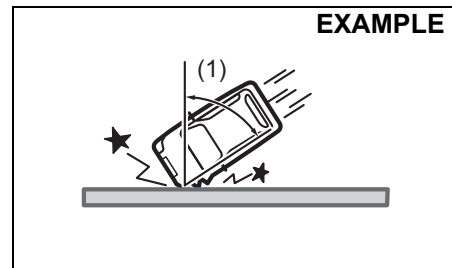
80J103

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



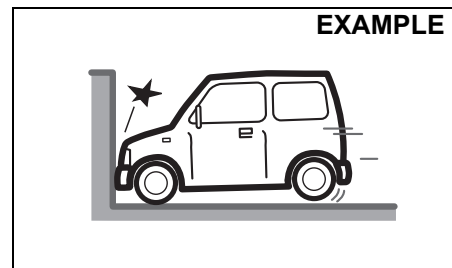
80J104

- Collision with a utility pole or stumpage



80J105E

- 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

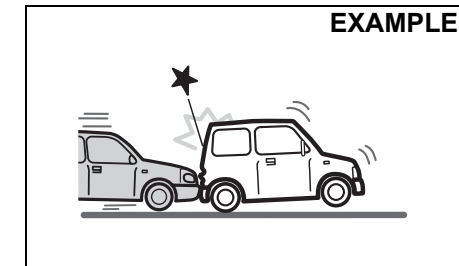


80J106

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

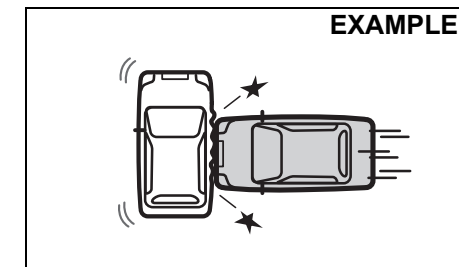
Front airbags do not inflate

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



80J120

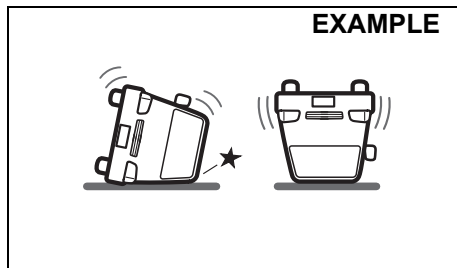
- Impact from the rear



80J119

- 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 air bags with nitrogen or argon gas. The inflated air bags provide a cushion for your head and upper body. The air bag inflates and deflates so quickly that you may not even realize that it has activated. The air bag will neither hinder your view nor make it harder to exit the vehicle.

Air bags 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 air bag may irritate bare skin, such as the facial area. 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 air bag components may be hot for a while after inflation.

A seat belt helps to keep you in the proper position for maximum protection when an air bag 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. Please refer to the "Front Seat" section and the "Seat Belts and Child Restraint Systems" in this section for details on proper seat and seat belt adjustments.



65D610S

⚠ 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.

BEFORE DRIVING

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 air-bags.
- 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 air bags to inflate. If your vehicle sustains ANY front-end damage, have the air bag system inspected by a Maruti Suzuki authorised workshop to ensure it is in proper working order.

Your vehicle is equipped with a diagnostic module which records information about the air bag system if the air bags deploy in a crash. The module records information about overall system status, which sensors activated the deployment, and for a certain

vehicle only, whether the driver's seat belt was in use.

Servicing the air bag system

If the air bags inflate, have the air bags 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 air bag controller could be damaged. If it does, have the air bag system inspected by a Maruti Suzuki authorised workshop as soon as possible.

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

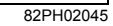
Service on or around air bag components or wiring must be performed only by a Maruti Suzuki authorised workshop. Improper service could result in unintended air bag deployment or could render the air bag inoperative. Either of these two conditions may result in severe injury.

To prevent damage or unintended inflation of the air bag 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 air bag 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 air bag can be hazardous. Ask a Maruti Suzuki authorised workshop, body repair shop or scrap yard for help with disposal.

Instrument Cluster

- ### EXAMPLE



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 speed is slowed down to about 78 km/h, speed alert warning will stop. This buzzer does not indicate any malfunction in vehicle.

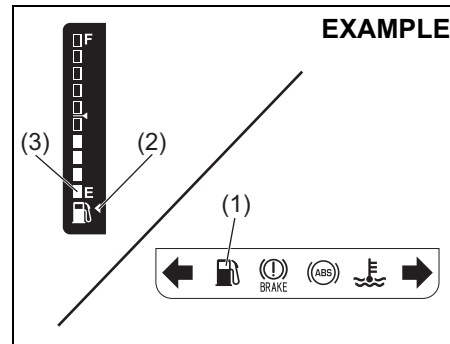
Tachometer

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



82PH02033

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 fuel meter indicator shows only one segment to "E", refill the tank as soon as possible.

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

NOTE:

If the last segment (3) blinks, it means that the fuel is almost empty.

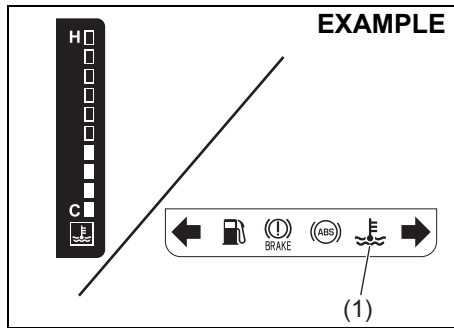
NOTE:

The activation point of the low fuel warning light (1) varies depending on road conditions (for example, slope or curve) and driving conditions because of fuel moving in the tank.

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.

Temperature Gauge



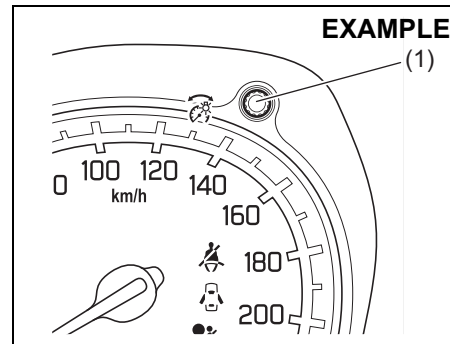
82PH02037

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. When the engine overheats, the Engine Coolant Temperature Light (1) will be ON. Refer to Engine Coolant Temperature Light section. 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



72PH02038

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.

When the position lights and/or headlights are "ON", you can control the meter illumination intensity.

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

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

EXAMPLE



60MH025

WARNING

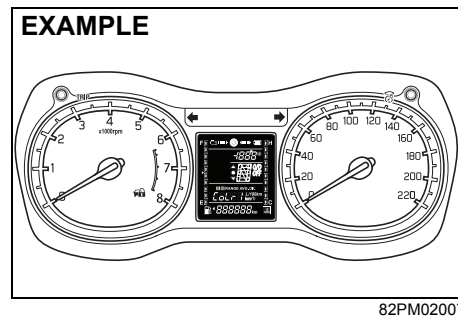
If you attempt to adjust the display while driving, you could lose control of the vehicle. Do not attempt to adjust the display while driving.

NOTE:

- If you do not turn the brightness control knob within about 10 seconds of activating the brightness control display, the brightness control display will be canceled automatically. If you want to exit before 10 seconds (auto exit) then Press "Trip Meter Selector Knob" in this mode.
- When you reconnect the battery, the brightness of the instrument panel lights will be reinitialized. Readjust the brightness according to your preference.

BEFORE DRIVING

Multi-Colour Illumination Display (if equipped)



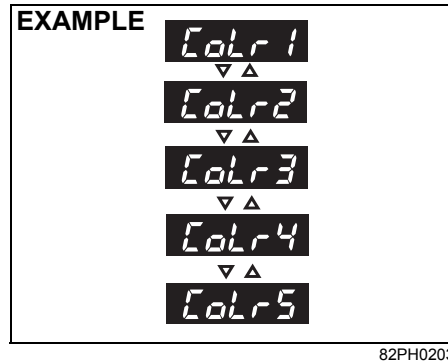
When the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to ON, the instrument panel lights come on.

Your vehicle has a multi-colour illumination display. The colour of the instrument panel can be selected from the five preset colour.

To enter the colour change mode of instrument panel, rotate the indicator selector knob in the clockwise or counter-clockwise direction. The last selected colour will be displayed.

To change the colour, press the indicator selector knob.

EXAMPLE



When you have selected the colour of your choice, press the trip meter selector knob to exit the colour change mode.

⚠ WARNING

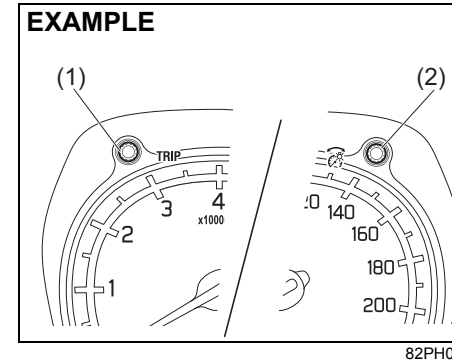
**If you attempt to adjust the display while driving, you could lose control of the vehicle.
Do not attempt to adjust the display while driving.**

NOTE:

- If you do not press indicator selector knob within about ten seconds of the color change, display will be canceled automatically.
- When you reconnect the battery, the colour of the instrument cluster will be reinitialized. Readjust the colour according to your preference.

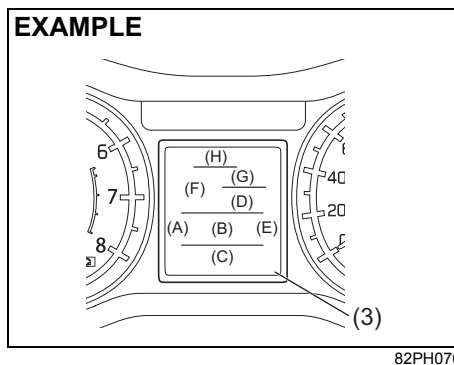
Information Display

When the ignition switch is in the "ON" position or the ignition mode is "ON".



- (1) Trip meter selector knob
(2) Indicator selector knob

BEFORE DRIVING



(3) Information display

the information display shows the following information.

Display (A)
Fuel gauge

Display (B)
Trip meter / Instantaneous / Average Fuel consumption / Driving range

Display (C)
Odometer

Display (D)
Selector position, O/D OFF (for automatic transaxle vehicles) / Gearshift indicator (for manual transaxle vehicles)

Display (E)
Temperature gauge

Display (F)
Parking sensor indication (if equipped)

Display (G)
Thermometer / Clock (if equipped)

Display (H)
Energy flow display (if equipped)

Fuel Gauge
When the ignition switch is in the “ON” position or the ignition mode is “ON”, the display (A) shows the fuel gauge.



Refer to “Fuel Gauge” in this section.

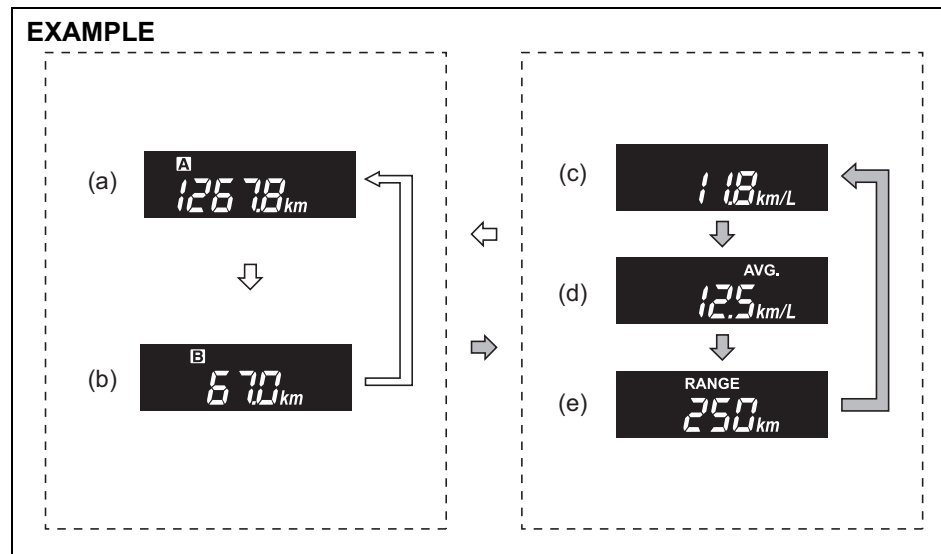
BEFORE DRIVING

Trip Meter / Instantaneous / Average Fuel Consumption / Driving Range

When the ignition switch is in the "ON" position or the ignition mode is "ON", the display (B) shows one of the indications described below.

To switch the display indication (B), push the trip meter selector knob (1) or the indicator selector knob (2) quickly.

	Push the trip meter selector knob (1).
	Push the indicator selector knob (2).



82PM02001

- (a) Trip meter A
- (b) Trip meter B
- (c) Instantaneous fuel consumption
- (d) Average fuel consumption
- (e) Driving range

WARNING

If you attempt to adjust the display while driving, you could lose control of the vehicle.
Do not attempt to adjust the display while driving.

NOTE:

- Indications will change when you push and release a knob.
- The display shows estimated values. Indications may not be the same as actual values.

BEFORE DRIVING

Trip meter A (a) / Trip meter B (b)

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 (1) for a while when the display shows the trip meter.

NOTE:

The indicated maximum value of the trip meter is 9999.9. When you run past the maximum value, the indicated value will return to 0.0.

Instantaneous fuel consumption (c)

The display shows the value of instantaneous fuel consumption only when the vehicle is moving.

NOTE:

- The display does not show the value unless the vehicle is moving.
- 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.
- 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.
- You can change the units that instantaneous fuel consumption is displayed in. Refer to "Average fuel consumption" in this section.

Average fuel consumption (d)

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.

To reset the average fuel consumption to zero, push and hold the indicator selector knob (2) for a while when the display shows the average fuel consumption.

NOTE:

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

To change the unit of average fuel consumption, while pushing and holding the trip meter selector knob (1), turn the indicator selector knob (2).

EXAMPLE



82PH024

NOTE:

- When you change the units that average fuel consumption is displayed in, the instantaneous fuel consumption units will be changed automatically.
- When you reconnect the negative (–) terminal to the battery, the unit of the average fuel consumption will be reinitialized. Change the unit again to your preference.

BEFORE DRIVING

Driving range (e)

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 the approximate distance you can drive until the fuel gauge indicates “E”, based on current driving conditions.

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 regardless of the value of driving range shown in the display.

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

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 while.
- If there are substantial changes in the driving pattern or vehicle usage, the displayed range may vary significantly.

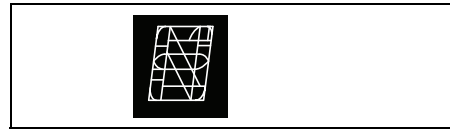
Odometer

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

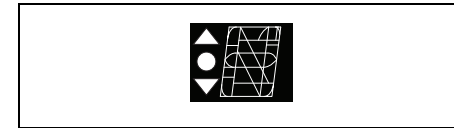
For details on how to use the transaxle, refer to “Using transaxle” in “OPERATING YOUR VEHICLE” section.

O/D OFF (for automatic transaxle vehicles)



This light comes on when you press the overdrive off switch to on.

Gearshift Indicator (for manual transaxle vehicles)



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

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

Temperature Gauge

When the ignition switch is in the “ON” position or the ignition mode is “ON”, the display (E) shows the Temperature gauge. Refer to “Temperature Gauge” in this section.

BEFORE DRIVING

Parking Sensor Indication (if equipped)

Refer to “Parking Sensors” in the “OPERATING YOUR VEHICLE” section.

Thermometer (if equipped)

When the ignition switch is in the “ON” position or the ignition mode is “ON”, the display (G) shows the thermometer. The thermometer indicates the outside temperature.

EXAMPLE



82PH025

If the outside temperature nears freezing, the mark (h) will appear on the display.

NOTE:

- The outside temperature indication is not the actual outside temperature when driving at low speed, or when stopped.
- If there is something wrong with the thermometer, or just after the ignition switch is turned to the “ON” position or the engine switch is pressed to change the ignition mode to “ON”, the display may not indicate the outside temperature.

When the display (B) shows the driving range, you can change the unit of temperature.

To change the unit of temperature, while pushing and holding the trip meter selector knob (1), turn the indicator selector knob (2).

EXAMPLE



82PH026

NOTE:

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

NOTE:

When you reconnect the negative (–) terminal to the battery, the unit of temperature will be reinitialized. Change the unit again to your preference.

Clock (if equipped)

When the ignition switch is in the “ON” position or the ignition mode is “ON”, the display (G) shows the time.

To change the time indication:

- 1) Push the trip meter selector knob (1) and the indicator selector knob (2) together.
- 2) To change the hour indication, turn the indicator selector knob (2) left or right repeatedly when the hour indication blinks. 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 will blink.
- 3) To change the minute indication, turn the indicator selector knob (2) left or right repeatedly when the minute indication blinks. 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).

⚠ WARNING

**If you attempt to adjust the display while driving, you could lose control of the vehicle.
Do not attempt to adjust the display while driving.**

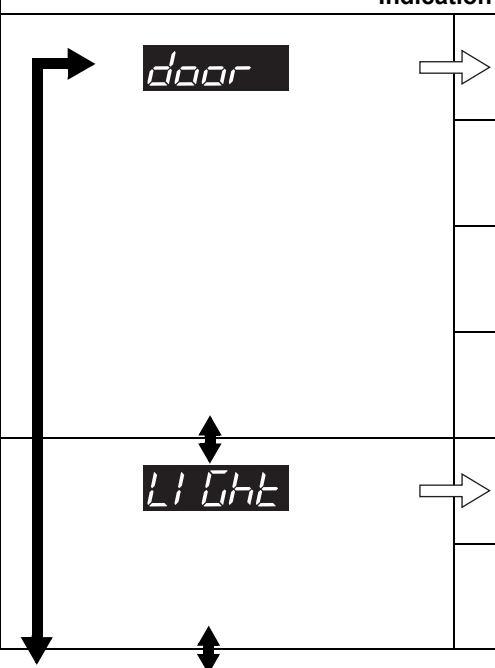
NOTE:

When you reconnect the negative (–) terminal to the battery, the clock indication will be reinitialized. Change the indication again to your preference.

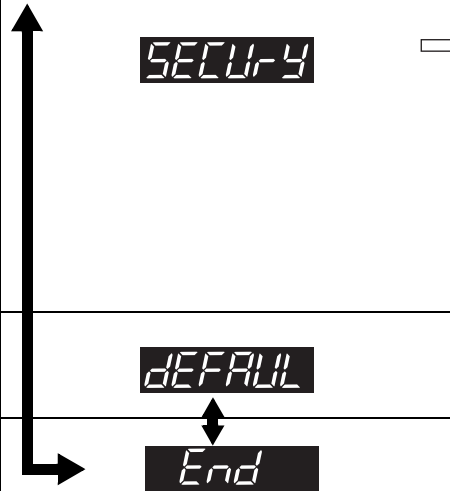
BEFORE DRIVING

Setting Mode



In the setting mode, you can set up the following functions.

Indication		Functions
 door	d1	Central door locking system “d1”
	d2	Automatic door locking function “d2”
	d3	Automatic door unlocking function “d3”
	d5	Door locking and unlocking siren “d5”
LIGHT	L1	Footwell light setting “L1”
	L2	Additional flashes of the turn signal “L2”

BEFORE DRIVING

Indication		Functions
 SECURITY	52	Shock sensor "52"
	53	Pre-warning sensitivity of the shock sensor "53"
	54	Full blast warning sensitivity of the shock sensor "54"
DEFAULT	de-on	Initialization setting "de-on"
End		Exit the setting mode "End"

BEFORE DRIVING

	Turn the indicator selector knob (2).
	Push the indicator selector knob (2).

NOTE:

Depending on vehicle's specifications, some items may not be displayed.

How to operate the setting mode:

- 1) Push and hold the indicator selector knob (2) until the display shows "door".
- 2) Turn and/or push the indicator selector knob (2) to select a function that you want to set up according to the above chart.
- 3) Turn and/or push the indicator selector knob (2) to register settings of the following functions.

Central door locking system "d1"

- d1-SL1: Unlock all doors by turning the key, pushing the keyless entry system transmitter, keyless push start system remote controller or request switch once
- d1-SL2: Unlock all doors by turning the key, pushing the keyless entry system transmitter, keyless push start system remote controller or request switch twice (default setting)

Automatic door locking function "d2"

- d2-SL1: Disable the automatic door locking function
- d2-SL2: Lock all doors when the vehicle speed reaches 15 km/h (default setting)
- d2-SL3: (For automatic transaxle vehicle)
Lock all door when the gearshift lever is in other than "P"

Automatic door unlocking function "d3"

- d3-SL1: Disable the automatic door unlocking function (default setting of vehicle with keyless push start system)
- d3-SL2: (For automatic transaxle vehicle)
Unlock all doors when the gearshift lever is moved to the "P" from other position
- d3-SL3: (Vehicle with keyless entry system) Unlock all doors when the key is pulled out from the

ignition switch (default setting of vehicle with keyless entry)

(Vehicle with keyless push start system) Unlock all doors when the ignition mode is "LOCK" (OFF)

Door locking and unlocking siren "d5"

- d5-SL1: Siren sounds when the door(s) is(are) locked or unlocked by using the keyless entry system transmitter, keyless push start system remote controller or request switch (default setting)
- d5-SL2: Siren does not sound when the door(s) is(are) locked or unlocked by using the keyless entry system transmitter, keyless push start system remote controller or request switch

Footwell light setting "L1"

- L1-SL1: Footwell light comes on when any of doors is open or headlights are on
- L1-SL2: Footwell light comes on when any of doors is open (default setting)
- L1-SL3: Disable the footwell light

Additional flashes of the turn signal "L2"

- L2-SL1: Turn signal flashes three times after the turn signal lever is returned (default setting)
- L2-SL2: Disable the additional flashes of turn signal

BEFORE DRIVING

Shock sensor “52”

- 52-5L 1: Enable the shock sensor
- 52-5L 2: Disable the shock sensor (default setting)

Pre-warning sensitivity of the shock sensor “53”

- 53-L00: Disable the pre-warning
- 53-L01 to L15:
Adjust the pre-warning sensitivity of shock sensor (Lowest sensitivity level is L01 and highest is L15, and default setting is L14)

Full blast warning sensitivity of the shock sensor “54”

- 54-L00: Disable the full blast warning
- 54-L01 to L15:
Adjust the full blast warning sensitivity of shock sensor (Lowest sensitivity level is L01 and highest is L15, and default setting is L09)

Initialization setting “dE-on”

- dE-on: Initialize all settings

EXAMPLE

A B
d2-5L2

76MH0017

NOTE:

- As shown in the above illustration, “**A B**” on the display indicates the current setting.
 - To go back to the higher level display during operation, turn the indicator selector knob (2) to display “bRCH” or “-bRC” and then push the indicator selector knob (2).
- 4) To exit the setting mode, switch the display to show “End” and then push the indicator selector knob (2).

Warning and Indicator Lights

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.

BEFORE DRIVING

The brake system warning light 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 the vehicle on the shoulder of the road.
- 3) If you determine that it is safe, drive the vehicle cautiously at low speed to the nearest Maruti Suzuki authorised workshop for repairs or tow the vehicle to the nearest Maruti Suzuki authorised workshop for repairs.

WARNING

If any of the following conditions occur, you should immediately ask your 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 "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:

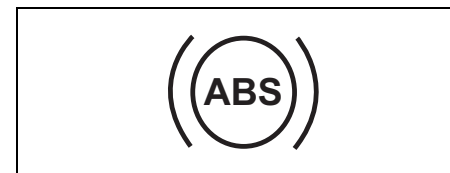
Because the brake system is self-adjusting, the fluid level will drop as the brake pads / linings become worn. Replenishing the brake fluid reservoir is considered normal periodic maintenance.

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.

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, there is something wrong with the ABS system.

If the ABS warning light and the brake system warning light (red color) stay on, or come on simultaneously when driving,

BEFORE DRIVING

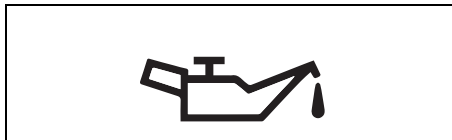
your ABS system is equipped with the rear brake force control function (proportioning valve function) and there may be something wrong with both the rear brake force control function and anti-lock function of the ABS system.

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 Light



50G051

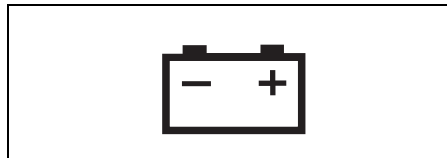
When the ignition switch is turned to “ON” position or the engine switch is pressed to change the ignition mode to “ON”, this light comes on. When the engine is started, the light goes out. The light will come on and remain on if there is insufficient oil. If the light comes on when driving, pull off 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 Light to indicate the need to add oil. Be sure to periodically check the engine oil level.

Charging Light



50G052

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. When the engine is started, the light goes out. 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.

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



60G049

When the driver or front passenger does not buckle his or her seat belt, this light will come on and/or blink.

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

Air Bag Light



63J030

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

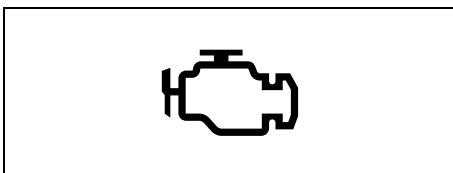
BEFORE DRIVING

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

WARNING

If AIR BAG light does not blink or come on briefly when the ignition switch is turned to "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 air bag system or the seat belt pretensioner system may not work properly, which could result in serious injury in the event of a crash. Have both systems inspected by a Maruti Suzuki authorised workshop.

Malfunction Indicator Light



63J031

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. 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. When the engine is started, the light goes out.

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

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

NOTICE

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

Transaxle Warning Light (if equipped)

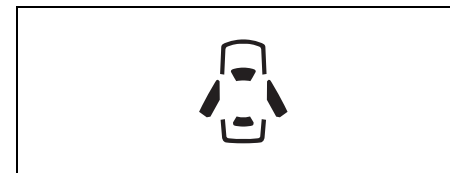


80J219

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 for several seconds so you can check that the light is working.

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.

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 reminder with ding sound comes along with open door warning light to remind you to close all doors completely.

BEFORE DRIVING

Low Fuel Warning Light



54G343

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

When this light comes on, a reminder with ding sounds once to remind you to fill the fuel.

If you do not fill the fuel, a reminder with ding sound comes 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

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. When the engine is started, the light goes out.

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:

The following steering wheel operations may gradually take more effort while parking or driving at a very low speed. This is not a malfunction of the steering system, but the power steering control system limits the power assist in order to prevent it from overheating.

- *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 will return to its original condition.

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

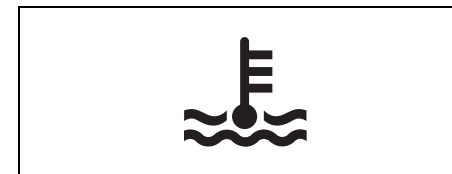
NOTE:

If the power steering system does not work properly, it will require greater effort to steer, but you still will be able to steer.

NOTE:

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

High Engine Coolant Temperature Warning Light (red color)



54G344

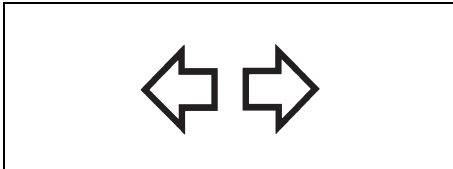
When the ignition switch is turned to the "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working. If this light blinks while driving, it means the engine is running hot. Avoid driving conditions that may lead to actual overheating. If the light stays on without blinking, then the engine is overheating. Follow the instructions in the "Engine trouble: Overheating" of "EMERGENCY SERVICE" section.

NOTICE

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

BEFORE DRIVING

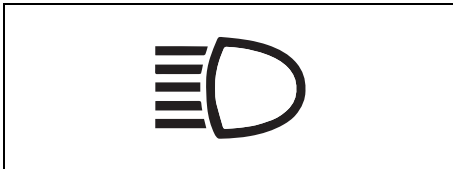
Turn Signal Indicators



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.

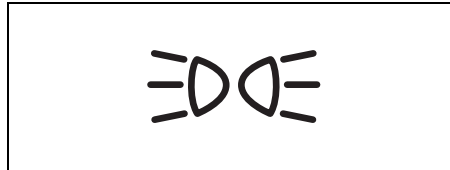
Main Beam (high beam) Indicator Light



50G056

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

Illumination Indicator Light (if equipped)



64J045

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

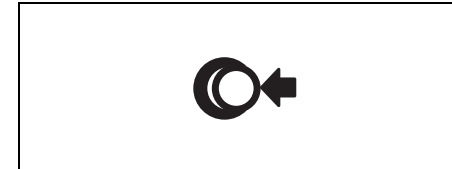
Front Fog Light Indicator Light (if equipped)



82PH045

The front fog light indicator light comes on when the front fog light is ON.

PUSH Indicator Light (if equipped)



82K174

If this light comes on when depressing the brake pedal for automatic transaxle vehicles, or the clutch pedal for manual transaxle vehicles, you can start the engine.

“ACC” Indicator Light (if equipped)



82K097

This light comes on when the ignition mode is “ACC”.

BEFORE DRIVING

Ignition “ON” Indicator Light (if equipped)



82K098

This light comes on when the ignition mode is “ON” with the engine off.

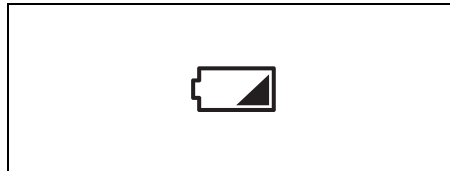
Immobilizer System Light



65D239

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 stays on or blinks, there is a problem with the system and the vehicle may not start. In such situations, have the vehicle inspected by a Maruti Suzuki authorised workshop.

Keyless Push Start System Remote Controller Battery Consumption Warning Light (if equipped)



70K122

If the remote controller becomes unreliable, this light comes on for several seconds when the engine switch is pressed to change the ignition mode to “ON”.

“CRUISE” Indicator Light (if equipped)



52D113

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

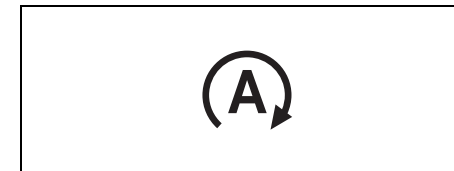
“SET” Indicator Light (if equipped)



65D474

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

ENG A-STOP Indicator Light (if equipped)



72M0032

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 “OPERATING YOUR VEHICLE” section.

BEFORE DRIVING

ENG A-STOP OFF Light (if equipped)



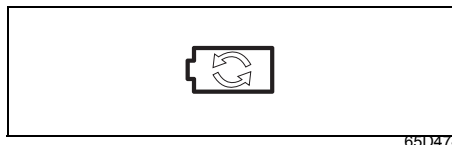
When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

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 "OPERATING YOUR VEHICLE" section.

"RE-GEN" Indicator Light (if equipped)



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 regeneration function is working, this indicator light will come on.

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



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.

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



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.

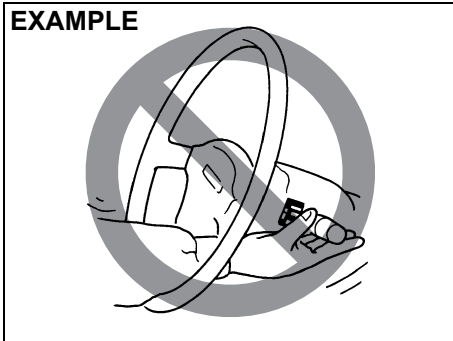
If this light comes on, there may be a problem with the hill hold control system. Have your vehicle inspected by a Maruti Suzuki authorised workshop.

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

BEFORE DRIVING

Lighting Control Lever

EXAMPLE



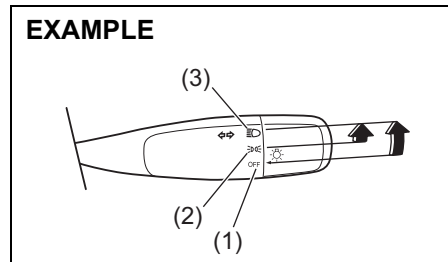
65D611

⚠ WARNING

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

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.

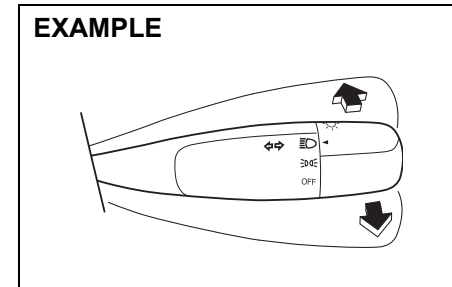
☞ (2)

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

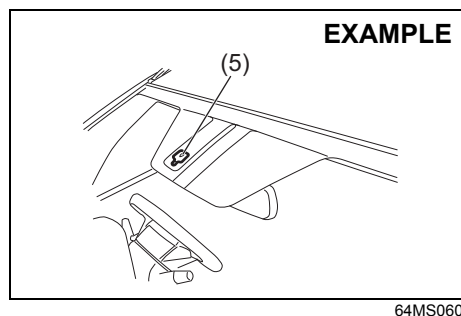
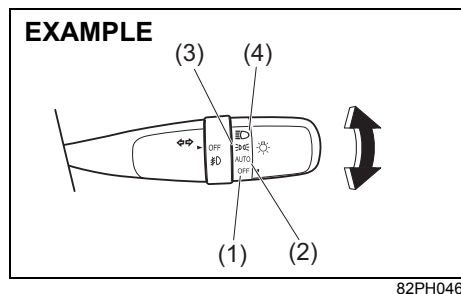


60MK012

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.

BEFORE DRIVING

Automatic Lights Operation (if equipped)



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:

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) 3000	Position lights, Tail lights	ON	ON	ON	ON
	Headlights	—	—	—	—
(4) 3000	Position lights, Tail lights	ON	ON	ON	ON
	Headlights	ON	ON	ON	ON

BEFORE DRIVING

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 the ignition 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.

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.

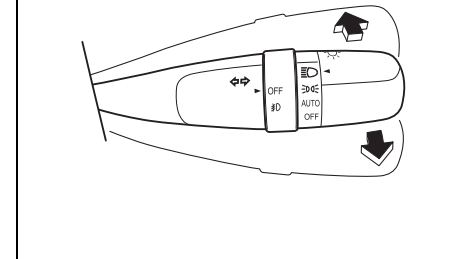
☞ (3)

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

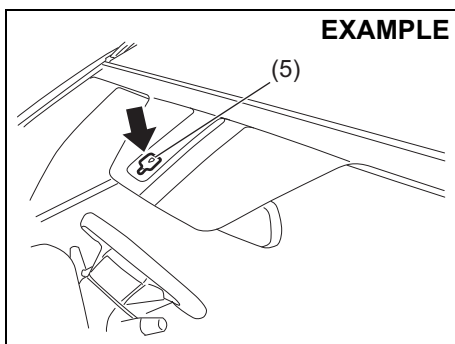


82PH047

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.

BEFORE DRIVING

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 reacts even to infrared rays, so it may operate incorrectly when there are 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

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.

BEFORE DRIVING

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

When the engine is started, this system turns on the daytime running lights.

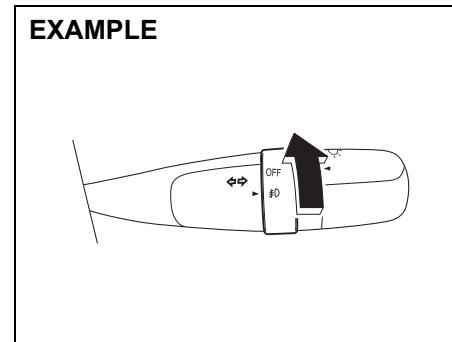
Conditions for D.R.L. system operation

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

NOTE:

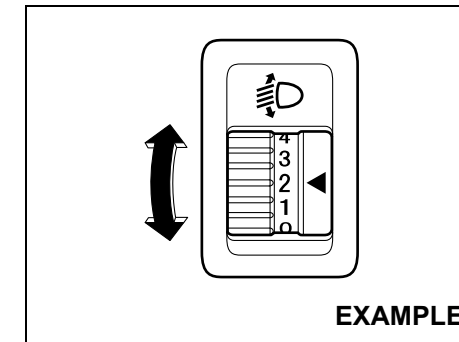
- *Brightness of the daytime running lights is different from the brightness of the position lights, but it is not a malfunction.*
- *In LED Headlamp, daytime running light/position light remains OFF, when the turn indicator/hazard function is active. This is not a malfunction.*

Front Fog Light Switch (if equipped)



The front fog light comes on when the fog light switch is twisted as shown in the illustration with the position lights, tail lights and/or the headlights are on. The front fog indicator light will come on the speedometer when the front fog light is on.

Headlight Leveling Switch

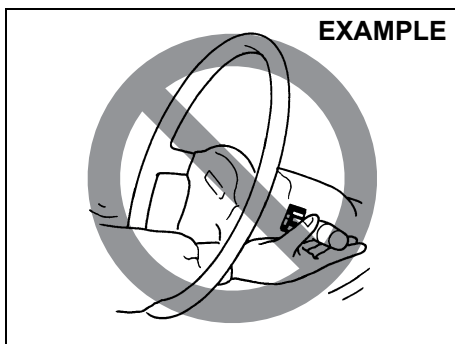


Level the headlight beam according to the load condition of your vehicle by turning this switch. The chart below shows the appropriate switch position for different vehicle-load conditions.

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

BEFORE DRIVING

Turn Signal Control Lever



65D611

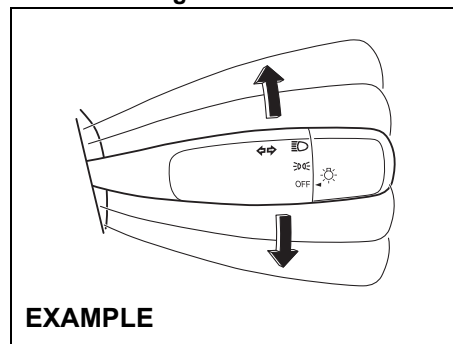
WARNING

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.

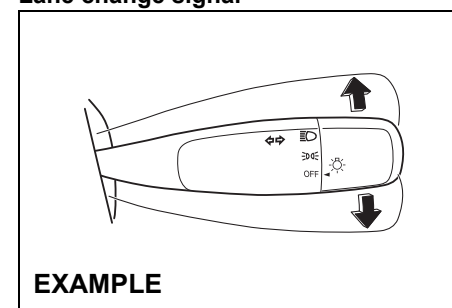
Normal turn signal



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



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:

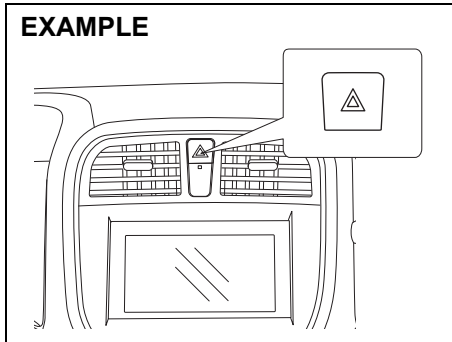
The turn signal and its indicator can be set whether they flash three times after the turn signal lever is returned via the information display. Refer to “Information Display” in this section.

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



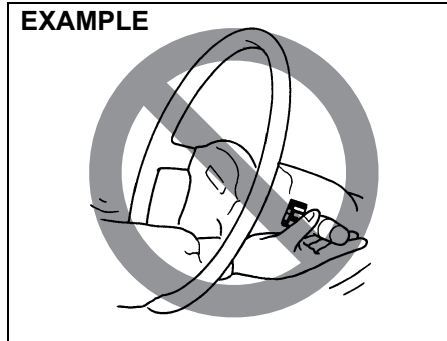
82PH02015

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



65D611

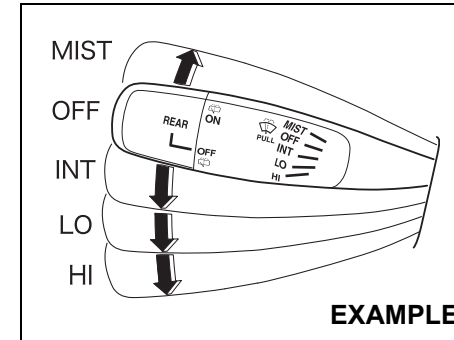
⚠ WARNING

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).

Windshield Wipers



EXAMPLE

76MH0A049

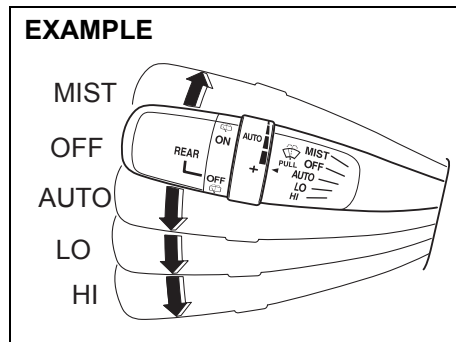
To turn the windshield wipers on, move the lever down to one of the three operating positions. In the "INT" position, the wipers operate intermittently. The "INT" position is very convenient for driving in mist or light rain. In the "LO" position, the wipers operate at a steady low speed. In the "HI"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

BEFORE DRIVING

Windshield Wipers with Rain Sensing Function (if equipped)

EXAMPLE

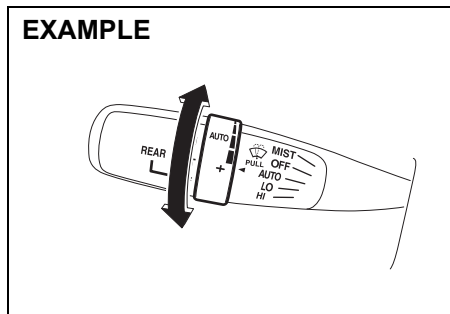


64MS065

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.

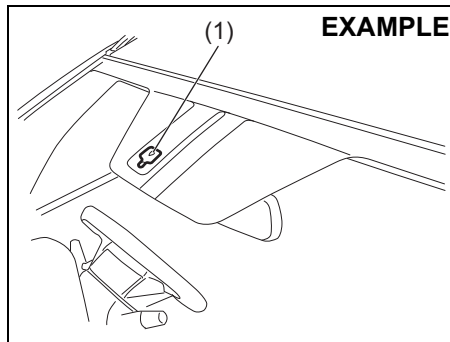
Move the lever up and hold it to the "MIST" position; the wipers will operate continuously at low speed for as long as you hold the lever in the "MIST" position.

EXAMPLE



64MS066

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.



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.
- Be sure to 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

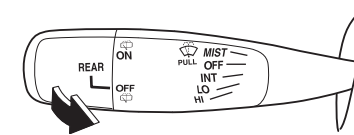
The system automatically selects the most appropriate of the following wiping modes: intermittent wiping, low-speed wiping, or high-speed wiping. (In this mode, the wipers do not stop automatically.)

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



76MH0A050

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 your vehicle is equipped with the "INT" / "AUTO" position.

⚠ 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.

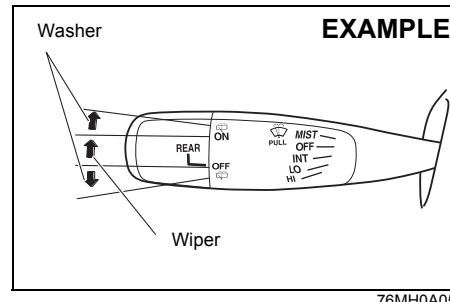
BEFORE DRIVING

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)



To turn the rear wiper on, twist the rear wiper switch on the end of the lever forward to the "ON" 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.

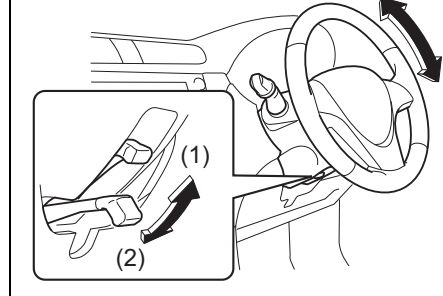
With the rear wiper in the "ON" position, turn the switch forward and hold it there to spray window washer fluid.

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 Steering Lock Lever

EXAMPLE



The lock lever is located under the steering column. To adjust the steering wheel height:

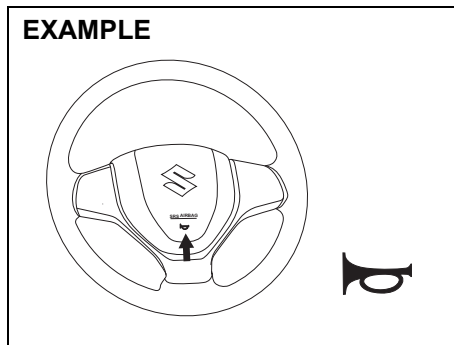
- 1) Push down the lock lever to position (2) to unlock the steering column.
- 2) Adjust the steering wheel to the desired height and lock the steering column by pulling up the lock lever to position (1).
- 3) Try moving the steering wheel up and down to make sure it is securely locked in position.

⚠ WARNING

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

BEFORE DRIVING

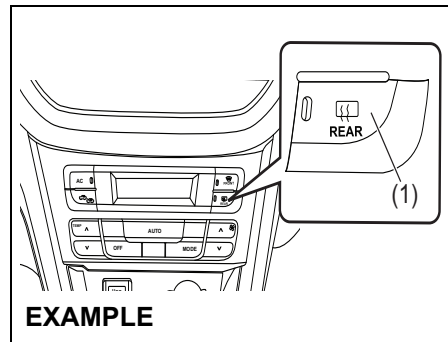
Horn



82PH02017

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.

Heated Rear Window Switch (if equipped)



82PH02010

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

NOTICE

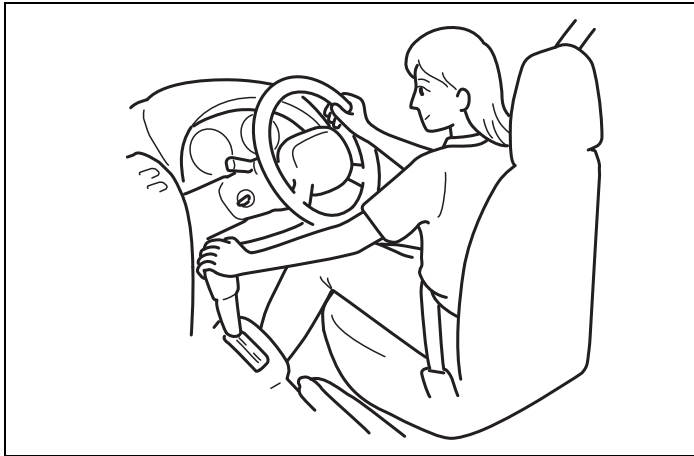
The heated rear window uses a large amount of electricity. Be sure to turn off after the window has become clear.

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.

BEFORE DRIVING

OPERATING YOUR VEHICLE



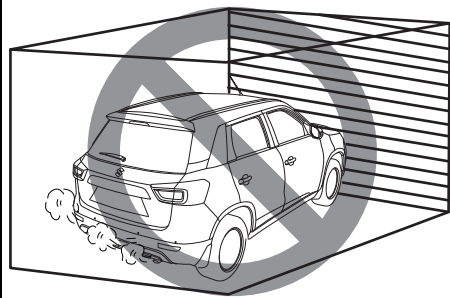
60MHMT3001

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OPERATING YOUR VEHICLE

Exhaust Gas Warning

EXAMPLE



82PM03003

⚠ 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 the engine running in garages or other confined areas.

(Continued)

⚠ WARNING

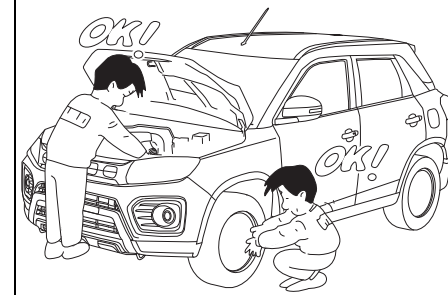
(Continued)

- Do not park with the engine running for a long period of time, even in an open area. If it is necessary to sit for a short time in a parked vehicle with the engine running, make sure that the air intake selector is set to "FRESH AIR" and the blower is at high speed.
- Avoid operating the vehicle with the tailgate open. If it is necessary to do so, make sure that all windows are closed, and the blower is at high speed with the air intake selector set to "FRESH AIR".
- To allow proper operation of your vehicle's ventilation system, keep the air inlet grill 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 leakage. Any damage or leakage should be repaired immediately.

Daily Inspection Checklist

Before Driving

EXAMPLE



82PM03004

- 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.

OPERATING YOUR VEHICLE

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 (if equipped).
- 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 your seat belts.
- 10) Make sure that all warning lights come on as the key 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 turns off when the parking brake is released.

Once a week, or each time you fill your fuel tank, perform the following under-hood checks:

- 1) Engine oil level
- 2) Coolant level
- 3) Brake fluid level
- 4) Windshield washer fluid level
- 5) Battery fluid (acid) level
- 6) Hood latch operation
Pull the hood release handle inside the vehicle. Check that you cannot open the

hood further without releasing the secondary latch. Close the hood securely after checking for proper latch operation. See the item "All latches, hinges and locks" of "Chassis, body and others" in "Maintenance schedule" in "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, check the tire pressure using a tire pressure gauge. Also check the tire pressure of the spare tire.

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

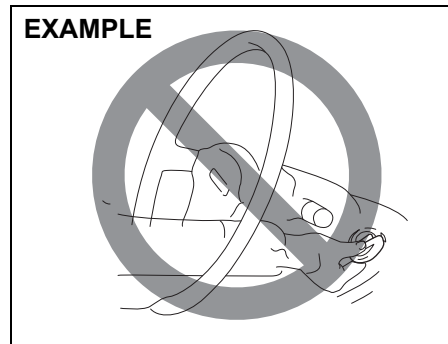
When judging the amount of oil consumption, note that the oil may become diluted and it is difficult to judge the accurate oil level.

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.

OPERATING YOUR VEHICLE

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.

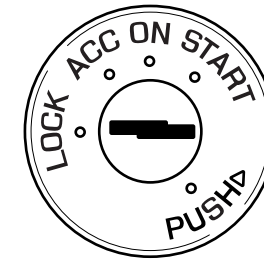
Ignition Switch (Vehicle without Keyless Push Start System)



WARNING

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

EXAMPLE



52KM052

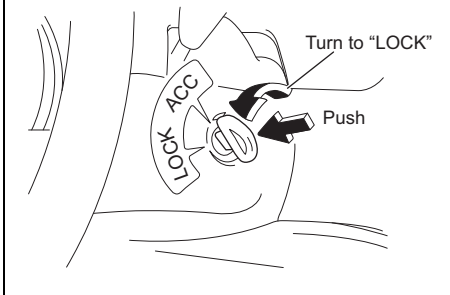
The ignition switch has the following four positions:

LOCK

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

OPERATING YOUR VEHICLE

EXAMPLE



64MM03008

Manual Transaxle vehicles

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

Automatic Transaxle vehicles

The gearshift lever must be in "P" (Park) position to turn the key to "LOCK" position. It locks the ignition and prevents normal use of the steering wheel and gearshift lever

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.

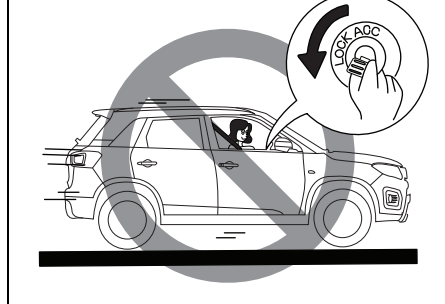
START

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

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



82PM03005

⚠ WARNING

- Never return the ignition switch to "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. 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.

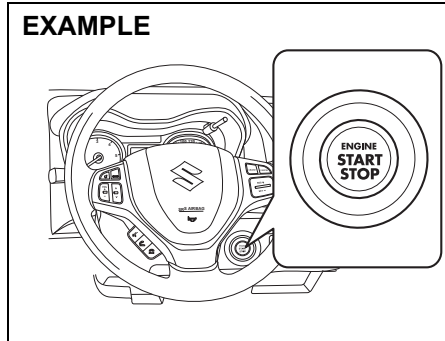
OPERATING YOUR VEHICLE

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 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)

EXAMPLE



82PH03001

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 accessory socket, etc. with the engine off. When this position is selected, the "ACC" indicator light in the instrument cluster comes on. Refer to "Warning and Indi-

cator Lights" 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 ignition "ON" indicator light in the instrument cluster will come on.

• 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 to start the engine.

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:

- *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 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.*

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:

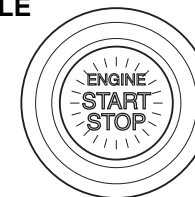
- Keyless entry function. Refer to “Keyless Push Start System Remote Controller” in the “BEFORE DRIVING” section for details.
- Locking and unlocking doors (including the tailgate) using a request switch. Refer to “Keyless Push Start System Remote Controller” in the “BEFORE DRIVING” section for details.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

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.

EXAMPLE



82K253

NOTE:

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

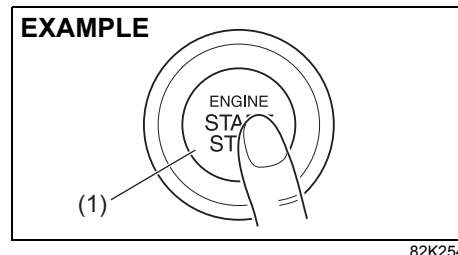
- *The headlights and position lights are turned off.*
- *15 minutes has elapsed since opening the driver’s door.*

OPERATING YOUR VEHICLE

Selection of Ignition Modes

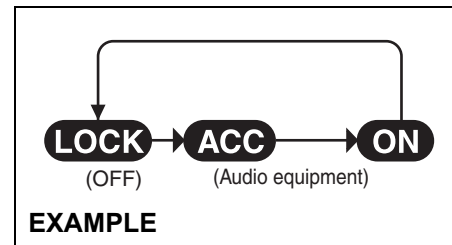
Press the engine switch to select the “ACC” or “ON” mode as follows when you use an electric accessory or check the operation of instruments without running the engine.

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

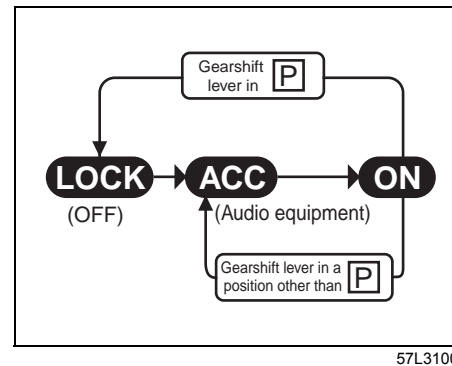


Every time you press the engine switch, the ignition mode changes as follows.

Manual transaxle



Automatic transaxle

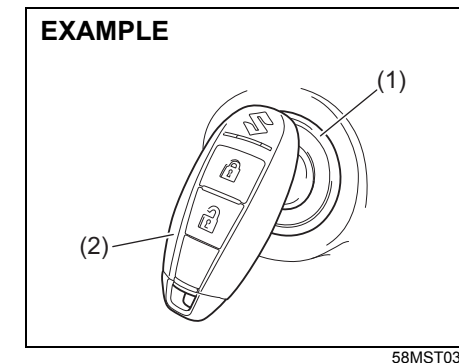


NOTE:

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).

If the “PUSH” 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:



OPERATING YOUR VEHICLE

- 1) Without depressing the brake pedal and clutch pedal, push the engine switch (1).
- 2) Within about 10 seconds during which the "PUSH" indicator light in the instrument cluster is blinking, touch the engine switch with the "LOCK" button end of the remote controller (2) for about 2 seconds.

NOTE:

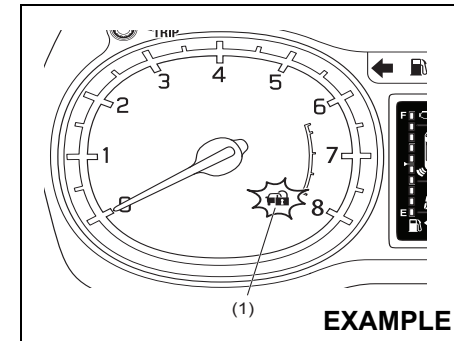
- If you still cannot select the ignition modes, there may be some problems with the keyless push start system. Contact a Maruti Suzuki authorised workshop for an inspection of the system.
- The immobilizer keyless push start system warning system light will come on for about 5 seconds while the "PUSH" indicator light is blinking. Refer to "Warning and Indicator Lights" 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 keyless push start system remote controller battery consumption warning light in the instrument cluster will come on for a few seconds when you press the engine switch to change the ignition mode to "ON". Refer to "Warning and

Indicator Lights" 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 system 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.



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

NOTE:

- If the warning is given, locate the remote controller as soon as possible.
- Any attempt to start the engine will fail while the warning is active. Blinking of the immobilizer/keyless push start system warning light in the instrument cluster will indicate this condition. Refer to "Warning and Indicator Lights" in the "BEFORE DRIVING" section for details.
- Normally, the immobilizer/keyless push start system warning light should stop blinking shortly after the remote controller is brought back inside the vehicle. If the immobilizer/keyless push start system warning light does not stop blinking, change the ignition mode to "LOCK" (OFF) by pressing the engine switch and

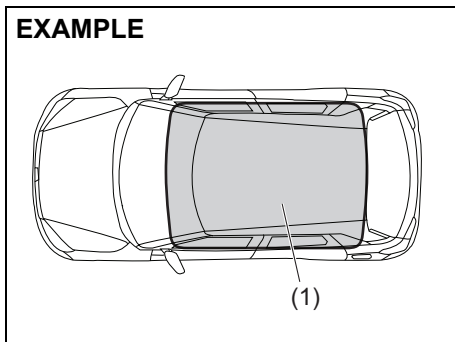
OPERATING YOUR VEHICLE

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

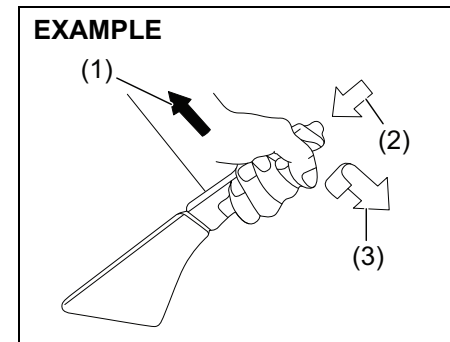
The "interior workable area" for these functions is defined as all the interior spaces except for the space above the instrument panel.

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



60MHM03001

- (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

OPERATING YOUR VEHICLE

“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.

Parking Brake Reminder Buzzer

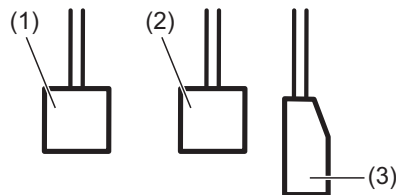
A buzzer sounds intermittently to remind you to release the parking brake if you start the vehicle without fully releasing the parking brake. Make sure that the parking brake is fully released and the brake system warning light turns off.

OPERATING YOUR VEHICLE

Pedal

Manual Transaxle

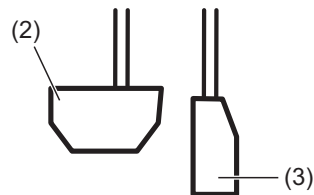
EXAMPLE



80J2121

Automatic Transaxle

EXAMPLE



80J2122

Clutch Pedal (1) (For manual transaxle)

A clutch pedal is used to disengage the driving force to the wheels when starting the engine, stopping, or shifting the gear-shift 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 MARUTI SUZUKI vehicle is equipped with front disc brakes and rear drum 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 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 a Maruti Suzuki authorised workshop.

⚠ WARNING

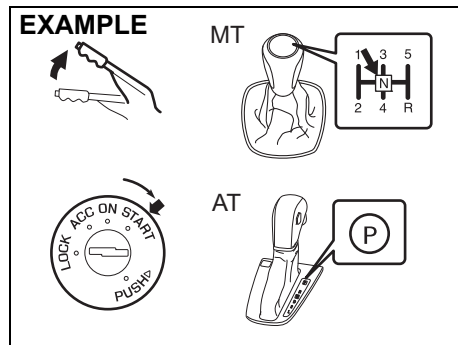
Do not apply brakes continuously or rest your foot on the brake pedal. This will result in overheating of the brakes which could cause unpredictable braking action, longer stopping distances, or permanent brake damage.

Accelerator Pedal (3)

This 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.
Automatic transaxle - If the gearshift lever is not in "P" (Park) position, shift into "P" (Park). (If you need to re-start the engine while the vehicle is moving, shift into "N".)

NOTE:

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.

⚠ 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.

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

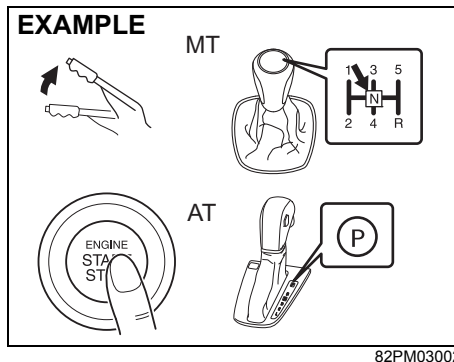
- Stop turning the starter immediately after the engine has started or the starter system can be damaged.
- Do not crank the engine for more than 12 seconds at a time. If the engine doesn't start on the first try, wait about 15 seconds before trying again.

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

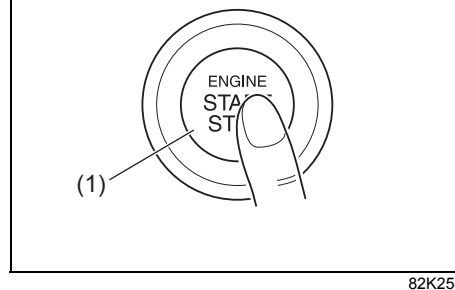
Starting the Engine (Vehicle with Keyless Push Start System)

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" indicator light in the instrument cluster will come on. 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.
- 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 battery may be discharged. Check the voltage of the vehicle 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.
- 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 turning automatically after a short time. After the starter motor has stopped or if there is some problem with the system, the starter

OPERATING YOUR VEHICLE

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 in motion.

NOTE:

Except in cases of emergency, do not stop the engine while the vehicle is in motion. The steering and braking operation will require more efforts when the engine 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.

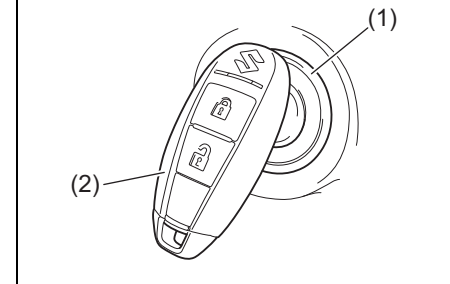
If you are unable to start the engine using this procedure, consult a Maruti Suzuki authorised workshop.

If the "PUSH" 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 making sure 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" indicator light in the instrument cluster will come on. Press the engine switch (1).

OPERATING YOUR VEHICLE

- 4) Within about 10 seconds of blinking of the "PUSH" indicator light in the 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 "PUSH" indicator light is blinking.
- 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 customisation.
- If the battery of the remote controller is about to be completely discharged, the keyless push start system remote controller battery consumption warning light in the instrument cluster will come on for a few seconds 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 gearshift lever 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 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.

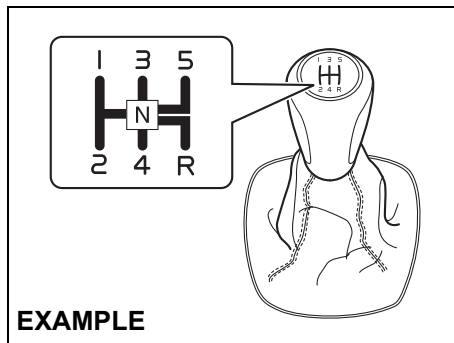
Steering lock warning buzzer

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 push in the clutch pedal fully before shifting gears. Keep the engine speed so it does not rise into the red zone of the tachometer.

Downshifting maximum allowable speeds

Downshifting	Speed (km/h)
2nd to 1st	20
3rd to 2nd	75
4th to 3rd	110
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".

If it is difficult to engage reverse gear "R", follow below procedure:-

- 1) Put gear lever in neutral "N".
- 2) Release the clutch pedal once.
- 3) Again depress the clutch pedal, and shift from "N" to "R".

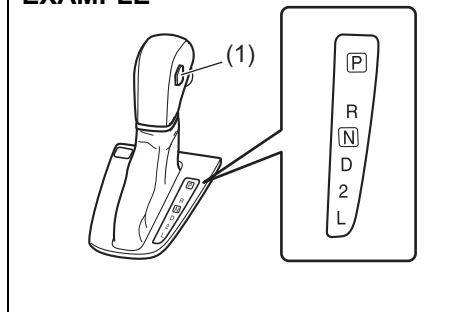
OPERATING YOUR VEHICLE

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

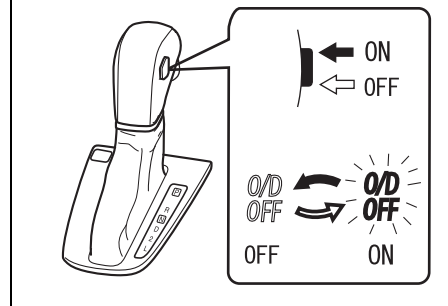
EXAMPLE



73R0068

(1) Overdrive off switch

EXAMPLE



73R0072

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.

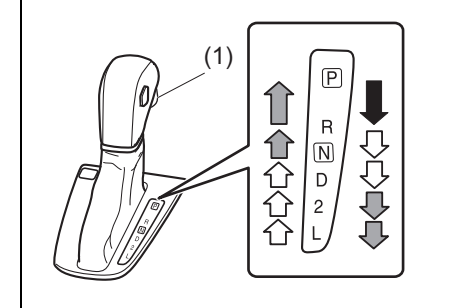
When the ignition switch is turned to ACC position or the engine switch is pressed to change the ignition mode to "ACC", the transaxle in the 3-speed mode is converted to the 4-speed mode automatically.

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



73R0069

(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.

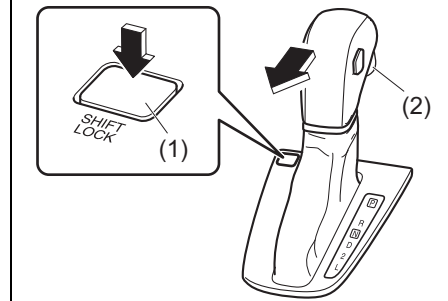
OPERATING YOUR VEHICLE

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



73R0070

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.

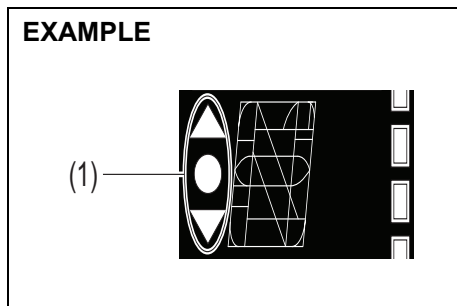
- 1) Be sure the parking brake is firmly applied.
- 2) If the engine is running, stop the engine.
- 3) Make sure the key is in ON or ACC position, or the ignition mode is “ON” or “ACC”.

- 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



82PM02008

(1) Gearshift indicator

In the following cases, the gearshift indicator is indicated on the information display while the vehicle is running.

- When the gearshift lever is in a position other than "N" (Neutral).
- For vehicles equipped with the cruise control, when the system is not in use.

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 is indicated on the display while driving, we recommend you to shift up or down the gear until the arrow goes off. 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 arrow is indicated, the UP arrow will go off.
- 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.

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.
	Current gear position is optimal for the vehicle speed and/or engine revolution.
	Higher gear position is selected for the vehicle speed and/or engine revolution. Changing to a lower gear position is recommended.

OPERATING YOUR VEHICLE

Smart Hybrid (if equipped)

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



72RM03003

While decelerating your vehicle, the ISG generates electricity without engine power. This reduces engine loads and improves fuel consumption.

While decelerating your vehicle, deceleration energy regenerating function will be activated when the following conditions are satisfied.

- Gearshift lever is not in “N” (Neutral).
- Clutch pedal is not depressed.
- Engine speed is more than 950 rpm.
- 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



72RM03004

While the vehicle is running, ISG assists engine power as a motor in the following

limited condition. This reduces engine loads and improves fuel consumption.

While the vehicle is running with the engine speed at approximately 4000 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 brake pedal is not depressed.
- ABS is not activated.
- Accelerator pedal is excessively depressed.
- Lead-acid battery and lithium-ion battery are fully 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.

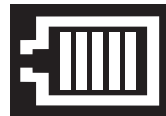
The starting with the ISG is quiet compared with starting by the conventional starter motor.

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.

Lithium-ion Battery Indication

EXAMPLE



72R0099

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



52RM30460

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.

OPERATING YOUR VEHICLE

ENG A-STOP System (Engine Auto Stop Start System) (if equipped)

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.

CAUTION

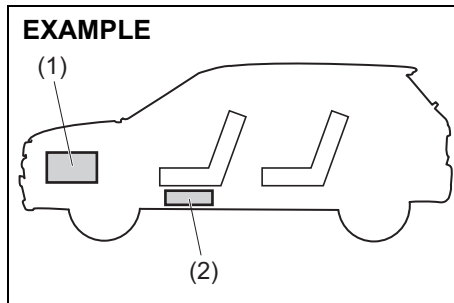
- Do not get out of the vehicle while the engine is automatically stopped by the ENG A-STOP system. Doing so may lead to an unexpected accident. If the driver's seat belt is unfastened or the driver's door is opened, the engine will restart.
- If the engine does not restart automatically after having been stopped automatically by the ENG A-STOP system, start the engine using the ignition switch or engine switch. 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.

Lithium-ion Battery



72R100

- (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 in "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.

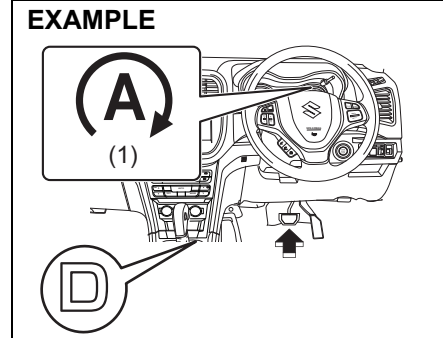
WARNING

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.**

Automatic Stopping/Restarting of the Engine

- 1) With the brake pedal depressed, decelerate the vehicle.



72R0146

- 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".
 - 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,

OPERATING YOUR VEHICLE

“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:

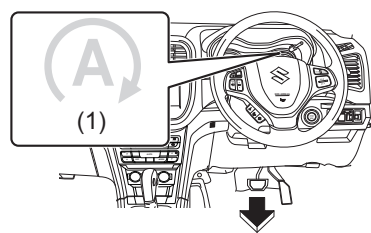
- *Engine auto stop function will be ready once the vehicle runs at a speed exceeding 1km/h after restart of the engine.*

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



72R0147

- 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.
- 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.

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 fully 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.
- 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 bat-

tery 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) or "D" (Drive) mode.
- The brake pedal is depressed.
- The vehicle has stopped.
- The accelerator pedal is not depressed.
- ABS is not in operation.
- The negative pressure of the brake booster is normal.

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 brake pedal is released.
- 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 accelerator pedal depressed (#).
- The gearshift lever is put in "P" or "R" (#).
- After the gearshift lever is shifted to "N", it is returned to "D" (#).
- The driver releases the seat belt (#).
- The driver's door is opened (#).
- 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 (#).

<Vehicle equipped with automatic heating & air conditioner system>

- The temperatures at air conditioner outlets have changed considerably after the automatic engine stop to the point of

OPERATING YOUR VEHICLE

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 (#).

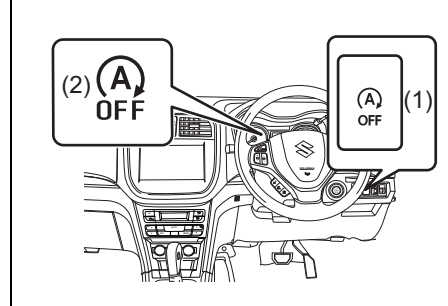
The ENG A-STOP indicator light (green) will blink and then go off.

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



72SM03006

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 Indicator Light

EXAMPLE



52RM30460

This indicator comes on in the information display.

- 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.

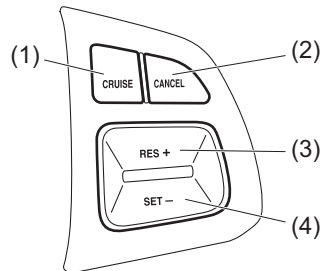
You can use the cruise control system with the following conditions:

- The gear position is in 3rd, 4th or 5th.
- The vehicle speed is about 43 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 gradient.

EXAMPLE



61MS416

- (1) "CRUISE" switch
- (2) "CANCEL" switch
- (3) "RES +" switch
- (4) "SET -" switch

To Set Cruising Speed

- 1) Turn on the cruise control system by pushing the "CRUISE" switch (1). When the "CRUISE" indicator light comes on, you can set cruising speed.
- 2) Accelerate or decelerate to the desired speed.
- 3) Push the "SET -" switch (4) and turn on the "SET" indicator light. Take your foot off the accelerator pedal and the set speed will be maintained.

⚠ WARNING

If the cruising speed is set by accidentally set, you cannot decelerate or could loose control of the vehicle. This could lead to an accident, resulting in severe injury or death. Turn off the cruise control system and make sure 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.

"CRUISE" Indicator Light

CRUISE

52D113

When you push the "CRUISE" switch, the system is on and a "CRUISE" indicator light on the instrument cluster comes on.

"SET" Indicator Light

SET

65D474

When the vehicle's speed is controlled by the cruise control system, a "SET" indicator light on the instrument cluster comes on.

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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 "SET" indicator light will be turned ON again when vehicle speed is above 43 km/h. The vehicle will accelerate to and maintain the previously set 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 reset the cruising speed.

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 procedures:

- 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 43 km/h.

To resume the previously set speed, push the "RES +" switch (3) and "SET" indicator light will be turned ON. Besides, the vehicle speed has to be above 43 km/h when the vehicle is not in the above conditions.

To turn off the cruise control system, push the "CRUISE" switch (1) and make sure the "CRUISE" indicator light is off.

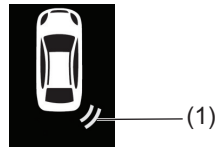
Also, if the malfunction indicator light in the instrument cluster comes on or blinks, the cruise control system will be turned off.

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

EXAMPLE



82PH03009

(1) Symbol representing an obstacle detected by parking sensor*

* This symbol represents an obstacle that is located to the right rear of 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 / In reverse gear, 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 you turn the ignition switch to the "ON" position or press the engine switch

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

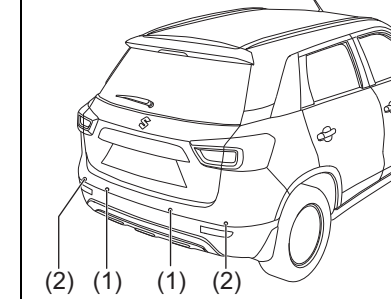
- The parking sensor warns you of obstacles with buzzers and by showing you the location of the obstacles on the information display. However, you must still pay full attention yourself while driving.
- The sensors can detect obstacles only within a limited area and only when the vehicle is moving within 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 sensor are only for driver's assistance.

Sensor Locations

EXAMPLE



82PH03002

- (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

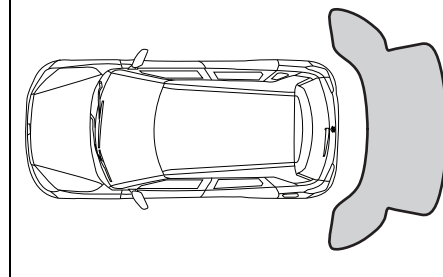
Working sensors

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

EXAMPLE



82PH03003

- An obstacle within about 20 cm (8 in) from a sensor or just below a 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.

(Continued)

WARNING

(Continued)

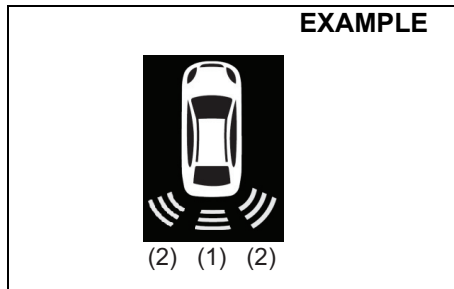
- Sensors have intercepted ultrasonic noise from another vehicle's horn, engine, air braking system (large vehicles), or parking sensor.
- Obstacles are too close to the sensors.
- Sensors are at an angle to a highly reflective object such as glass. (Ultrasonic waves are not reflected back from the obstacle.)
- Sensors may not be able to correctly 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
 - Tall 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 the actual distance.*

OPERATING YOUR VEHICLE

Obstacle Indication by Parking Sensor



- (1) Obstacle detected by rear center sensors
- (2) Obstacle detected by rear corner sensors

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 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.

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 and the buzzer sounds. If a message is displayed, follow its instruction.

Text Message	Symbol	Buzzer	Probable cause and remedy
 82PH03011	 82PH03013 Two Blinking lines in a sensor location.	Series of Double Beeps	There may be some problem with the parking sensor system. Have your vehicle inspected by a Maruti Suzuki authorised workshop.
 82PH03012	 82PH03014 One blinking line in a sensor location.	Series of Single Beeps	The indicated sensor is contaminated. Clean the sensor with a soft cloth.
No text indication	 82PH03015 All line blinking in sensor location.	No Buzzer Beeps	There may be some problem with the parking sensor system. Have your vehicle inspected by a Maruti Suzuki authorised workshop.

OPERATING YOUR VEHICLE

Rearview Camera (if equipped)

When the gearshift lever is shifted to the "R" position while the ignition mode is "ON", the rearview camera system automatically shows the view behind the vehicle on the display.

WARNING

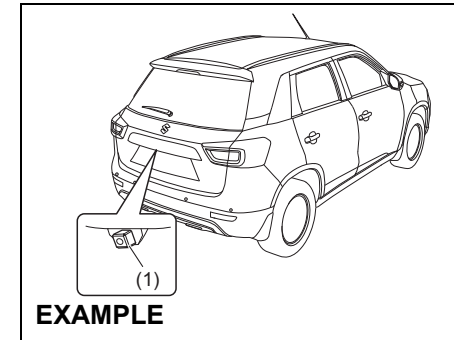
The distance viewed in the rearview camera may differ from the actual distance according to the condition of road or the load the vehicle is carrying. Since the camera display area is also limited, backing up by only looking at the display may cause an accident or a collision with an object. The rearview 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.

NOTICE

If you use the rearview camera for a long time when the ignition mode is ON, but the engine is not running, the battery may discharge. Do not leave the ignition mode ON for a long time when the engine is not running.

Rearview Camera Location



82PH03004

(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 be broken and cause damage resulting in a catching fire or a malfunction.

- Do not strike the camera.
- Do not remove snow or mud on the camera lens with a stick.

OPERATING YOUR VEHICLE

NOTICE

If water enters the rearview camera, it may cause a malfunction or catching fire.

Do not use high pressure water around the camera.

NOTICE

This 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 with a dry cloth.

How to Use Rearview Camera

- 1) 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:

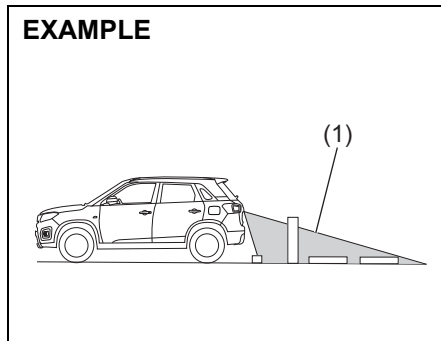
The rearview camera display has first priority in any display mode. However, the rearview camera display does not show the rear view while the system is initializing.

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.

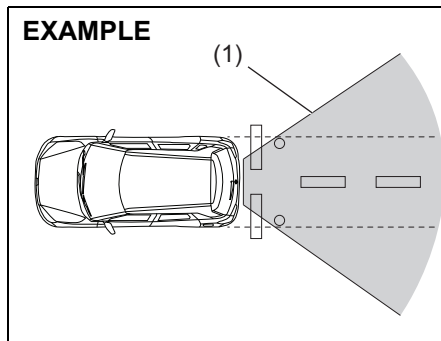
Example of display range of rearview camera

EXAMPLE



82PH03005

EXAMPLE



82PH03006

(1) Display range

OPERATING YOUR VEHICLE

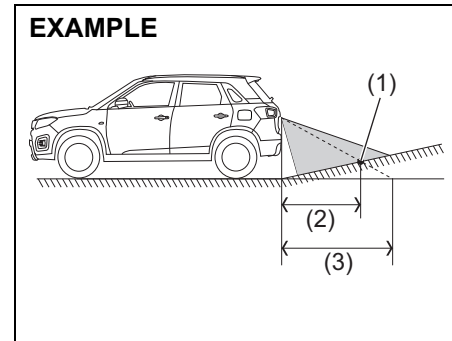
NOTE:

- 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).

Example of 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.

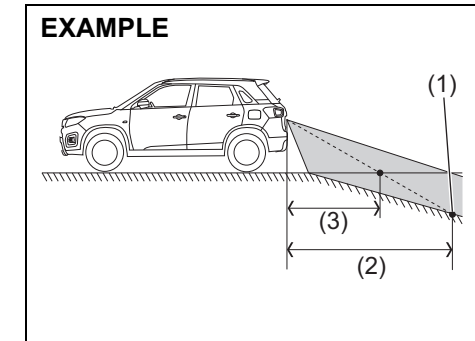
Uphill Incline behind the Vehicle



- (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.

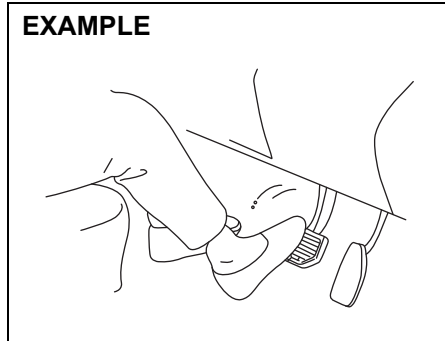
If the rear view from the rearview camera is not shown or there is a poor image

- If the rear view from the rearview camera is not shown.
 - Check that the ignition mode is “ON”.
 - Check that the gearshift lever is shifted to “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



60G165A

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 brake the vehicle when there is plenty of distance between your vehicle and the desired 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 underside 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 repeatedly applying the brakes while 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 moves a little while the ABS is operating.

NOTE:

- The ABS will not work if vehicle speed is under about 10 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 an ABS-equipped vehicle may be slightly greater than 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 fast.

EXAMPLE



63J081

- (1) ABS warning light
(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 indicate 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.

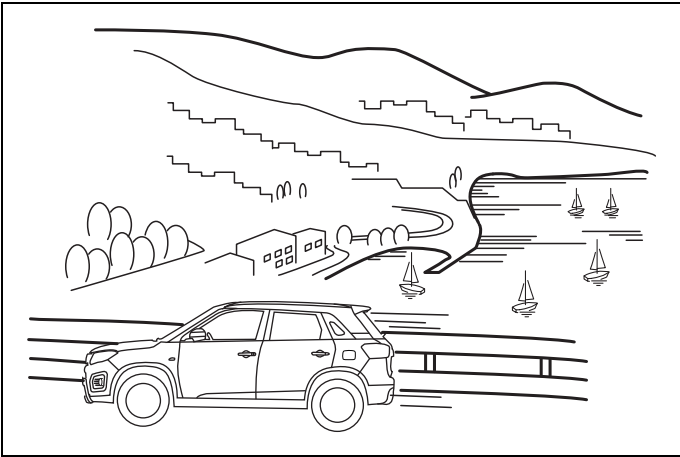
Brake system warning light (amber color)



65D474

If the brake system warning light (amber color) comes on and stays on, there may be a problem with the hill hold control system. Have your vehicle inspected by a Maruti Suzuki authorized workshop.

DRIVING TIPS



60G409A

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Improving Fuel Economy 4-2

Highway Driving 4-3

Driving on Hills 4-3

Driving on Slippery Roads 4-4

Driving on Wet Roads 4-5

Off-road Driving 4-6

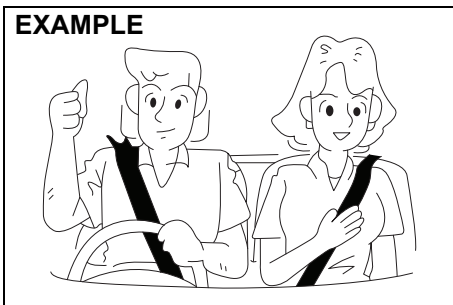
When Encountering a Flooded Area 4-6

Do's and Dont's for Safe Driving 4-6

Margin for Safety 4-9

DRIVING TIPS

EXAMPLE



55RM04002

⚠ WARNING

- Fasten 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

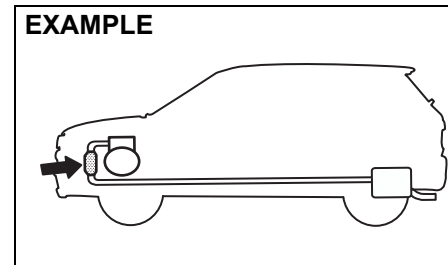
NOTICE

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.

Catalytic converter

EXAMPLE



82PM04001

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.

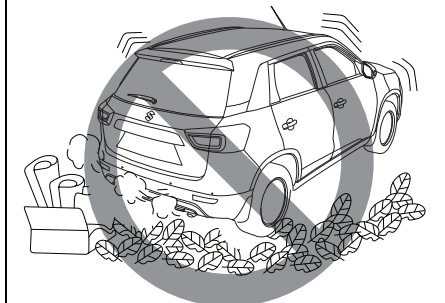
DRIVING TIPS

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 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



82PM04002

⚠ 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

The following instructions will help you improve fuel economy.

Avoid excessive idling

If you park your vehicle for more than one minute, 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 moderate, steady speed whenever possible. Slowing down and then accelerating again uses more fuel.

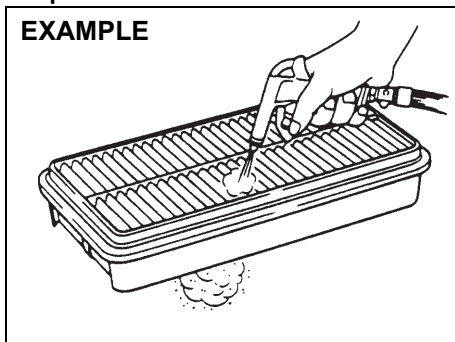
Keep a steady cruising speed

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 rolling resistance of the tires. Keep your tires inflated to the correct pressure shown in the label on the driver's door lock pillar.

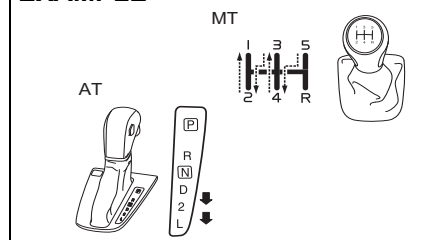
Highway Driving

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



72RM04008

- When driving on 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 higher 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.

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

DRIVING TIPS

starts to move, gradually release the parking brake.

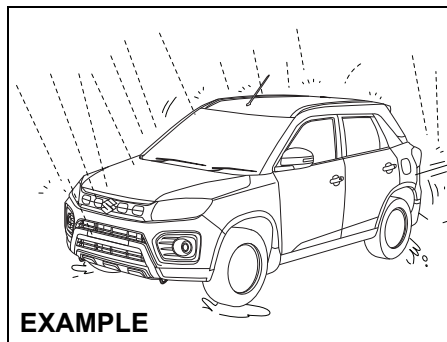
WARNING

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



55RM04004

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.

Stuck vehicle

If your vehicle gets stuck in snow, mud or sand, follow the directions below:

- 1) Shift the transaxle back and forth between a forward range (or first gear for manual transaxle) 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 a Maruti Suzuki authorised workshop or a roadside assistance service. If a towing service is not available in an emergency, your vehicle may be

DRIVING TIPS

temporarily towed by other vehicle with 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 "OTHER CONTROLS AND EQUIPMENT" section.

⚠ WARNING

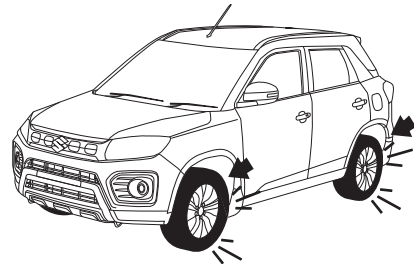
Do not allow anyone to stand near the vehicle when you are rocking it, and do not spin the wheels faster than an indicated 40 km/h on the speedometer. Personal injury and/or vehicle damage may result from spinning the wheels too fast.

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



82PM04004

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.

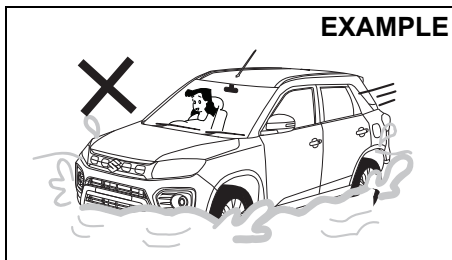
DRIVING TIPS

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



72RM04007

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 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.**

Do's and Dont's for Safe Driving

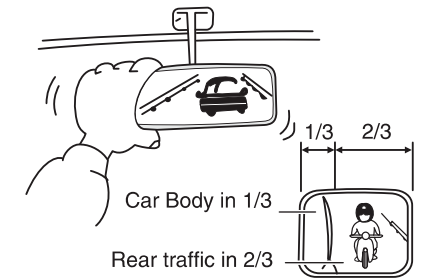
Exercise care in handling your vehicle. Be conscious of not only your own safety but also the safety of others on the road, and thus enjoy the best and most comfortable driving experience.

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

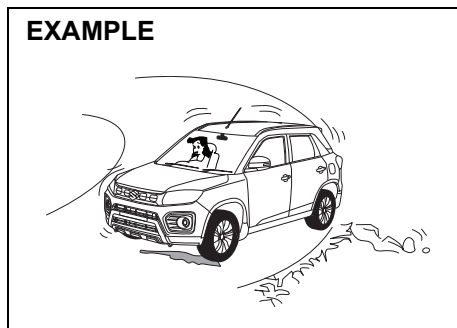
DRIVING TIPS

- 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



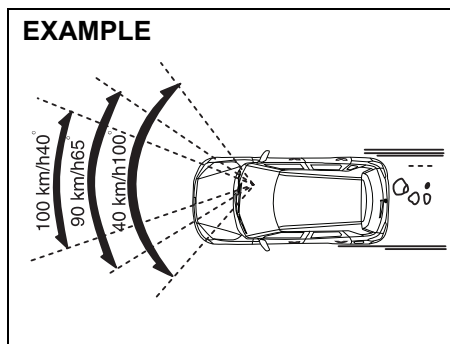
82PM04005

- 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.

4-7

- 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

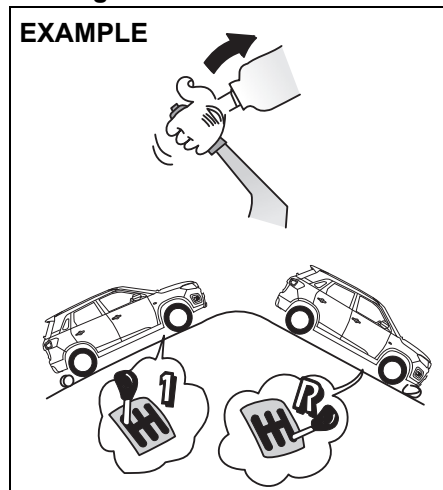


82PM04006

- 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



82PM04007

- 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 tyres are worn out as they skid more.

EXAMPLE



82PM04008

Use foot brake in three stages

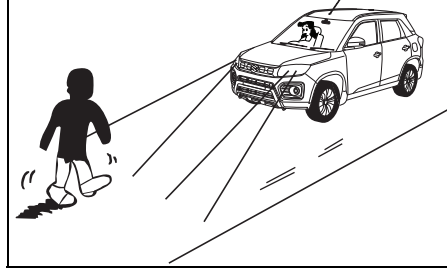
1. Warn the vehicle behind you.
2. Gradually apply the brake.
3. Bring the vehicle to a halt.
- 3) When driving downhill, try not to apply the brake but use the engine brake effectively. Overuse of the foot-brake may result in reduction of brake effectiveness.

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

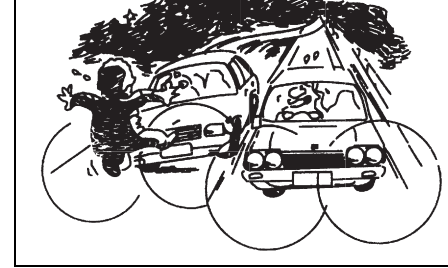
EXAMPLE



82PM04009

- 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.

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.

DRIVING TIPS

Margin for safety

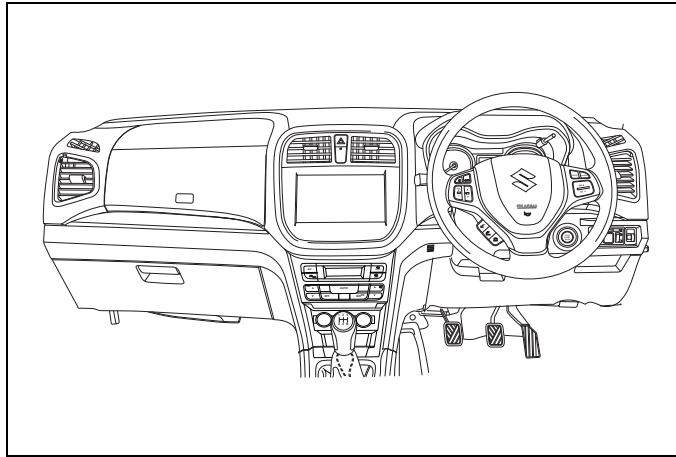
It is important to allow yourself a margin for safety during driving so that you can cope with erroneous or unexpected driving of other drivers. For that, observe the following.

- 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 endeavour 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.



82PM05005

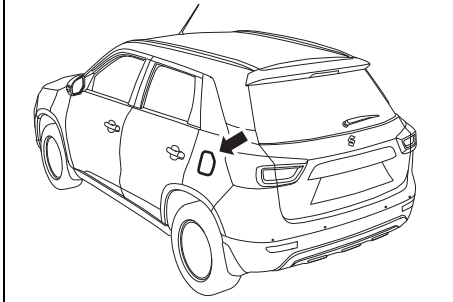
OTHER CONTROLS AND EQUIPMENT

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OTHER CONTROLS AND EQUIPMENT

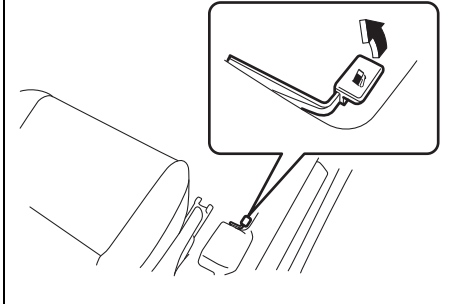
Fuel Filler Cap

EXAMPLE



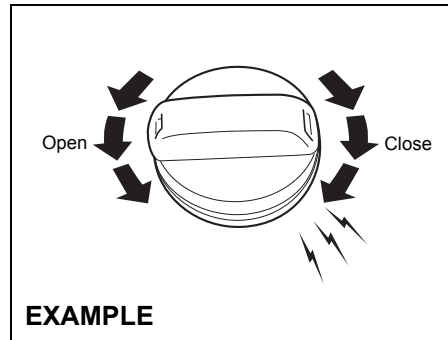
82PH05001

EXAMPLE



74LHT0511

The fuel filler cap is located on the left rear side of the vehicle. The fuel filler door 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.



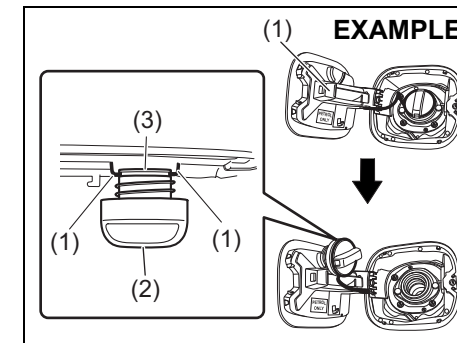
68KN048

To remove the fuel filler cap:

- 1) Open the fuel filler door.
- 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.



82PM05003

NOTE:

The cap holder (1) hold the fuel filler cap (2) by hooking the cap to the groove (3) when refueling.

To reinstall the fuel filler cap:

- 1) Turn the cap clockwise until you hear several clicks.
- 2) Close the fuel filler door.

WARNING

Fuel is extremely flammable. Do not smoke when refueling, and make sure there are no open flames or sparks in the area.

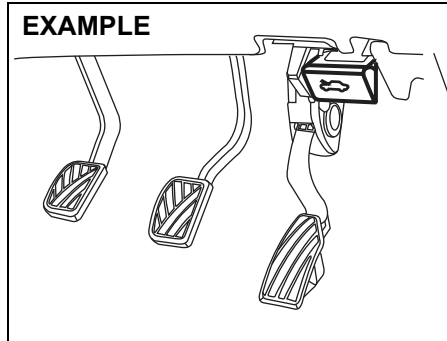
OTHER CONTROLS AND EQUIPMENT

WARNING

If you need to replace the fuel 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

EXAMPLE

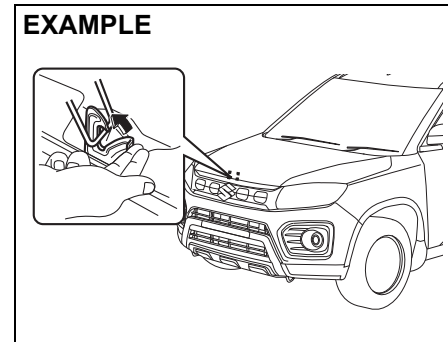


82PH05038

To open the engine hood:

- 1) Pull the hood release handle located on the outboard side of the driver's side. This will disengage the engine hood lock halfway.

EXAMPLE



82PH05039

- 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.

CAUTION

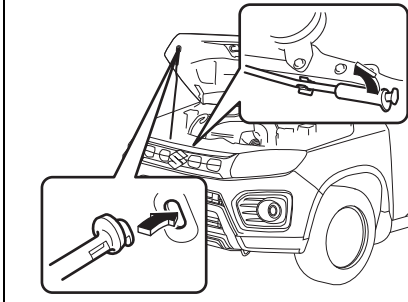
The release lever can be hot enough to burn your finger right after driving. Touch the lever after it becomes cool enough.

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

EXAMPLE



82PH05041

- 3) While holding the hood, pull the prop rod out from the holding clip, then insert the end of the rod into the designated hole in the hood.

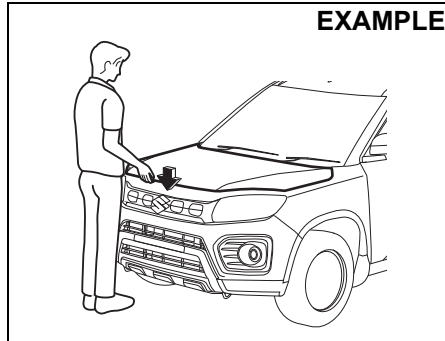
⚠ CAUTION

- 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 slip out when the hood is blown by 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.

EXAMPLE



82PH05040

- 2) Lower the hood to about 20 cm above the hood latch, 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

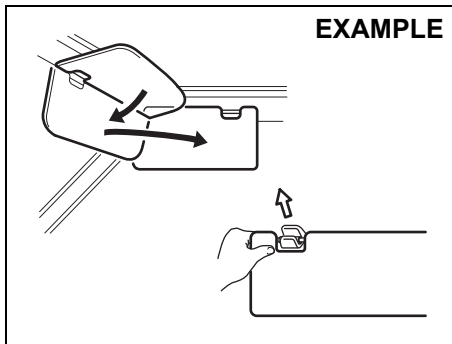
To avoid injury, be sure no part of the occupant's body such as hands or head is in the path of the hood when closing it.

NOTICE

Pressing the hood from above may damage the hood.

OTHER CONTROLS AND EQUIPMENT

Sun Visor



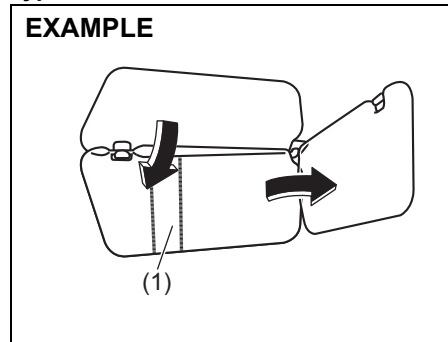
The sun visors can be pulled down to block glare coming through the windshield, or they can be unhooked and turned to the side to block glare coming through the side window.

NOTICE

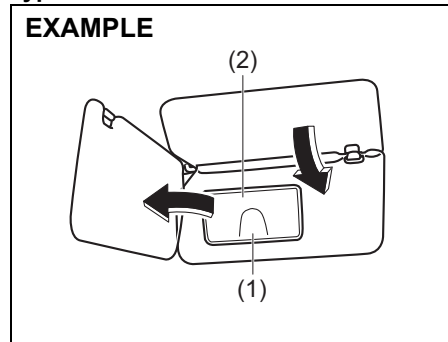
When unhooking and hooking a sun visor, be sure to handle it by the hard plastic parts or the sun visor can be damaged.

Card holder (if equipped)

Type A



Type B



- (1) Card holder
- (2) Mirror cover

You can put a card in the card holder (1) on the back of the sun visor if equipped with ticket holder.

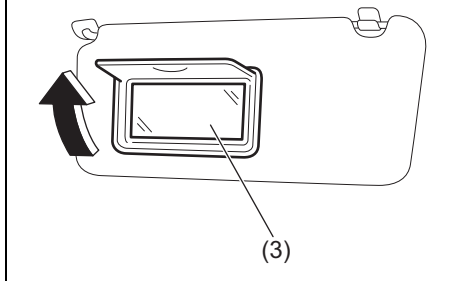
NOTICE

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.

OTHER CONTROLS AND EQUIPMENT

Vanity mirror (if equipped)

EXAMPLE



(3) Vanity mirror

To use the vanity mirror (3) on the back of the sun visor, pull up the mirror cover (2).

⚠ WARNING

- Do not use the vanity mirror while driving. Doing so may result in an accident due to failure to pay attention to the road in front of you.
- Do not place any weight on or come too close to the locations where an 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 the airbag.

(Continued)

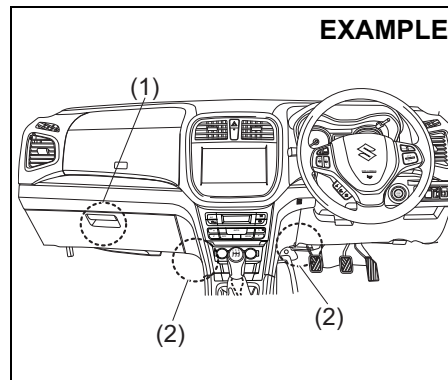
⚠ WARNING

(Continued)

- When using the vanity mirror, do not move too close to a front airbag location or lean against it. If the front airbag is accidentally inflated, it could hit you hard.

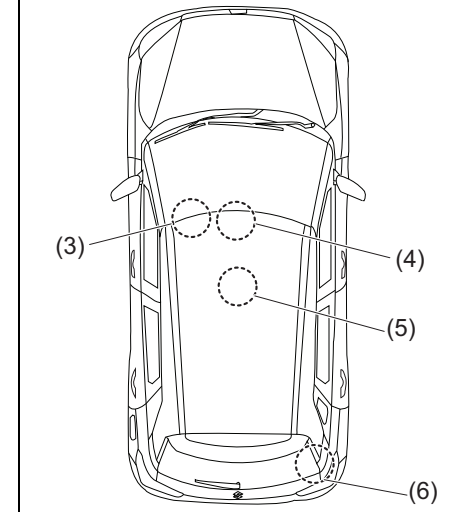
Interior Light

EXAMPLE



- (1) Glove box light (if equipped)
(2) Footwell lights (if equipped)

EXAMPLE



- (3) Vanity mirror light (if equipped)
(4) Front (if equipped)
(5) Center
(6) 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)

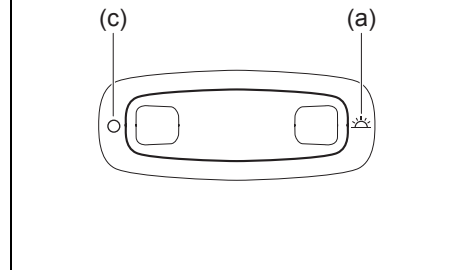
The footwell lights are provided in the leg space in front of each front seat. The light comes on when any door (including the tailgate) is opened. After closing all doors, the light will remain on for about 15 seconds and then fade out. If you insert the key, or press the engine switch to change the ignition mode to ACC or ON during this time, the light will start to fade out immediately. After removing the key from the ignition switch, the light will turn on for about 15 seconds and then fade out.

NOTE:

You can change the footwell lights operation via the information display. Refer to "Information Display" in the "BEFORE DRIVING" section.

Vanity Mirror Light (if equipped) (3)

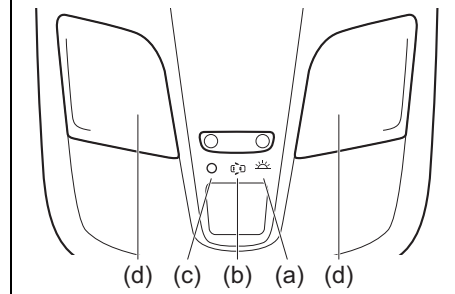
EXAMPLE



82PH014

Front (if equipped) (4)

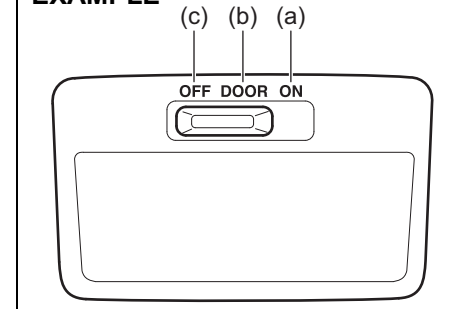
EXAMPLE



64MS119

Center (5)

EXAMPLE



61MM0A107

These light switches have three or four positions which 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, the light will be automatically turned off when a period of 15 minutes has elapsed after the light is on.

DOOR (b)

- The light comes on when the door is opened. After closing all doors, the light will remain on for about 15 seconds and then fade out. If you insert the key, or press the engine switch to change the ignition mode to ACC or ON during this time, the light will start to fade out immediately.

OTHER CONTROLS AND EQUIPMENT

diately. After removing the key from the ignition switch, the light will turn on for about 15 seconds and then fade out.

- Regardless of whether the door is open or closed, the light comes on 15 seconds and then fade out when the ignition mode is changed to LOCK (OFF) or the ignition switch is turned to the "LOCK" position.

OFF (c)

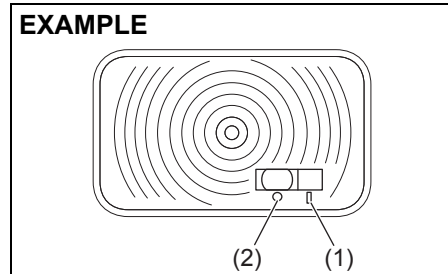
The light remains off even when the door is opened.

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) (6)

EXAMPLE



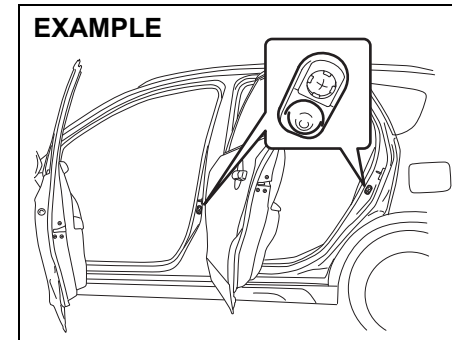
When you open the tailgate with the luggage compartment light switch in the ON position (1), the light comes on and remains on as long as you keep the tailgate open.

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



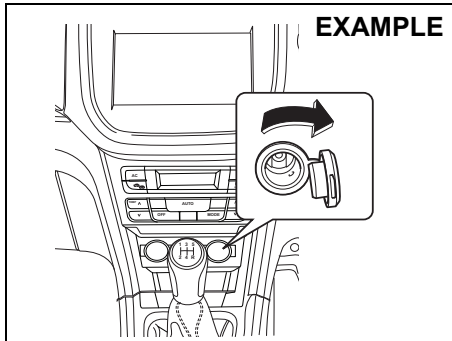
NOTE:

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.

OTHER CONTROLS AND EQUIPMENT

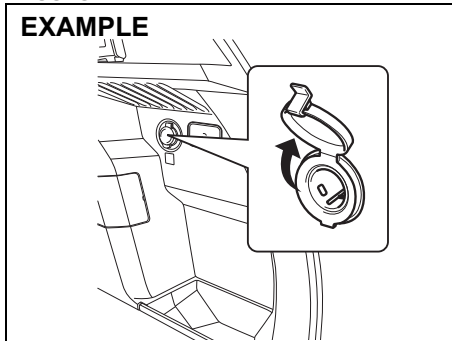
Accessory Socket

Center console



82PH05004

Luggage compartment (if equipped)



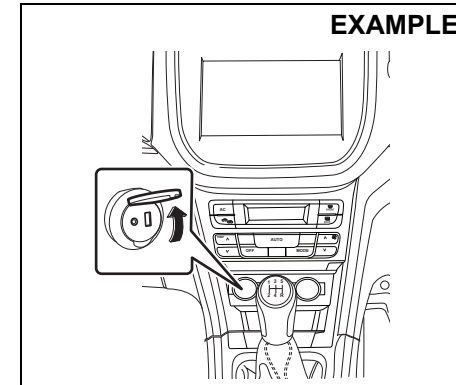
82PH05005

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.

AUX/USB Socket (if equipped)



82PM05004

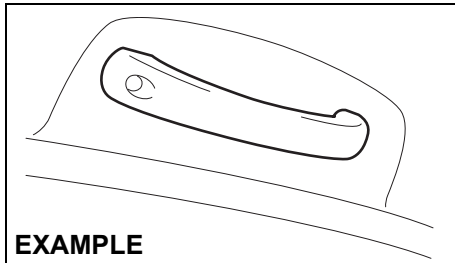
Connect your portable digital music player, etc. to this socket to enjoy music through the vehicle's audio system using it as a source. Refer to “Audio System” in this section.

NOTICE

Always close the lid when not in use, since entry of foreign material, dust, water, conductive liquids may damage the audio system or USB device.

OTHER CONTROLS AND EQUIPMENT

Assist Grips (if equipped)



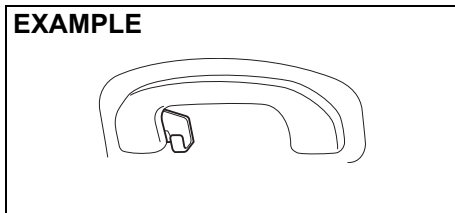
76MH0A072

Assist grips are provided for convenience.

NOTICE

To avoid damaging the assist grip and the molded headlining, do not hang down the assist grip.

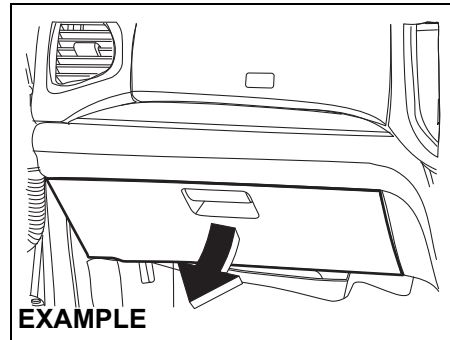
Coat Hooks (if equipped)



61MM0B025

You can hang clothing on the coat hooks. These hooks are not designed for large or heavy items.

Glove Box

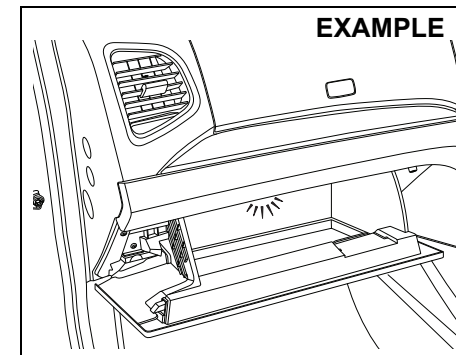


82PH05007

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.

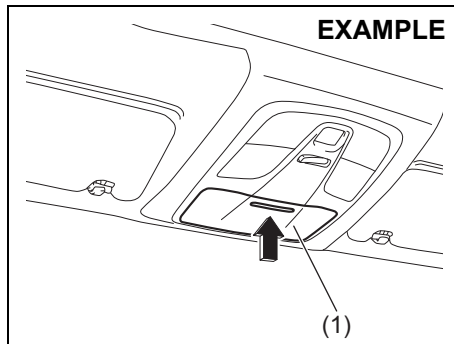


82PH05008

The glove box light (if equipped) stays on while the lid is open.

OTHER CONTROLS AND EQUIPMENT

Overhead Console (if equipped)



82PH05055

Use this stowage to keep small articles. You can open the lid (1) by pressing the depressed portion on it.

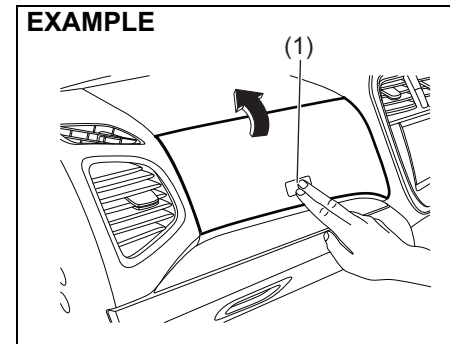
WARNING

- Do not drive with the overhead console lid open, or the articles stowed inside could fall down during braking, acceleration or in the event of a collision. Always close the lid after putting something into or taking something out of the console.
- 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 or other plastic items 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.

Instrument Panel Upper Box (if equipped)



82PM050002

To open the instrument panel upper box, push the button (1) at the center with two fingers.

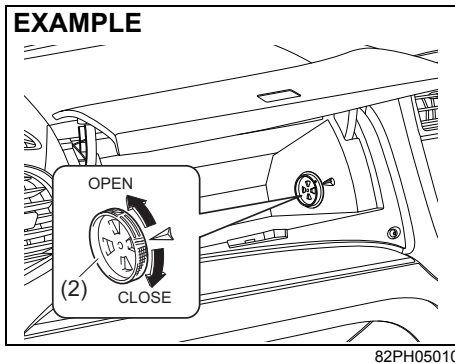
Keep the lid closed except when you put or remove an object.

WARNING

Never drive with the instrument panel upper box lid open. It could cause personal injury in an accident.

OTHER CONTROLS AND EQUIPMENT

Cool Box (if equipped)



When the air conditioning system is operated with the ventilation position, you can keep items such as drinks cool in the cool box. Turn the shut dial (2) to open or close the air outlet.

- To cool the box, turn the dial counter-clockwise when the air conditioning system is on.
- To stop cooling, turn the dial clockwise.

Keep the shut dial (2) in closed position if the cool feature is not in use.

NOTICE

- The cooling effectiveness of the cool box will be reduced if items placed in the cool box block the air outlet.
- When cooling function is being used, condensed moisture can damage any papers, documents, electronic equipment etc., kept in the cool box.
- Do not leave a carbonated drink can if you park your vehicle outdoors in direct sunlight or in hot weather, where inside of the cool box can get very hot. The carbonated drink can may explode.
- Do not place an opened-can which contains drink. The cool box may be damaged if it is spilled out.
- Do not put perishable food items in the cool box as it may not maintain necessary consistent temperature to keep the food fresh.
- Do not put items with strong odour in the cool box. The odour may spread inside the passenger cabin.

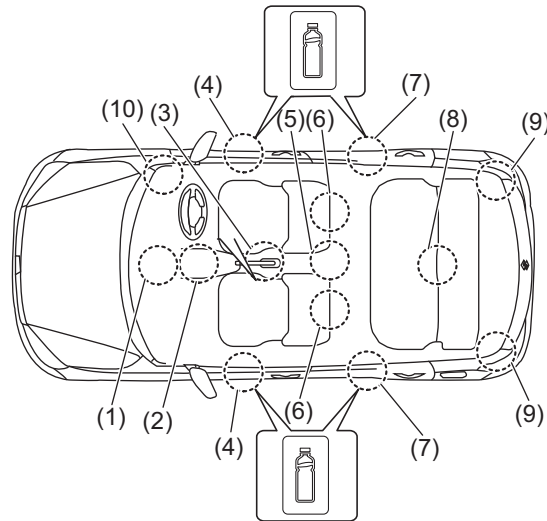
NOTE:

The temperature of the air that comes into the box is almost the same as the ventilation air flow temperature. The temperature in the box cannot be cooler than the temperature of the air that comes into the box.

OTHER CONTROLS AND EQUIPMENT

Cup Holder and Storage Area

EXAMPLE



82PH05011

Instrument Panel Pocket (1) / Driver Side Pocket (10)

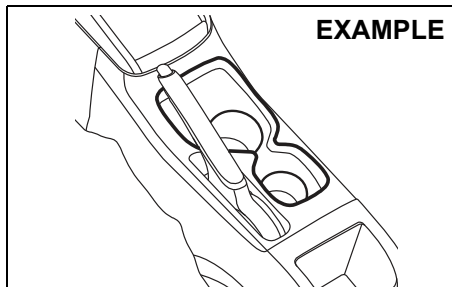
⚠ WARNING

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.

- | | |
|--|--|
| (1) Instrument panel pocket | (2) Front cup holders |
| (3) Front armrest with console box (if equipped) | (4) Front door pocket |
| (5) Rear Console Pocket (if equipped) | (6) Front seat back pocket |
| (7) Rear door pocket | (8) Rear armrest with cup holder (if equipped) |
| (9) Luggage compartment pocket | (10) Driver side Pocket |

OTHER CONTROLS AND EQUIPMENT

Front Cup Holders (2)



82PH05052

⚠ WARNING

Failure to take the precautions listed below could cause personal injury or vehicle damage.

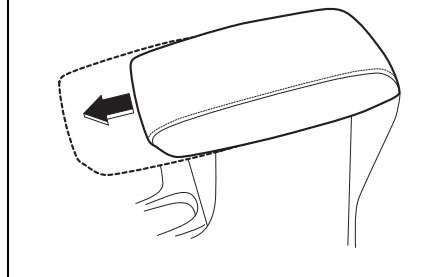
- Be careful when you are using the cup holders to hold a cup containing hot liquid. Spilling out hot liquid can cause burn injury.
- Do not use the cup holders to hold sharp-edged, hard, or breakable objects. Objects in the cup holders may be thrown about during a sudden stop or impact, and could cause 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.

Front Armrest with Console Box (if equipped) (3)

NOTICE

To avoid damage to the armrest, do not lean on it or allow a child to sit on it.

EXAMPLE



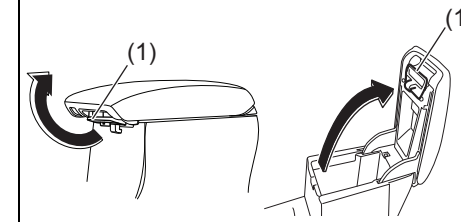
82PH05042

The armrest can be slide 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



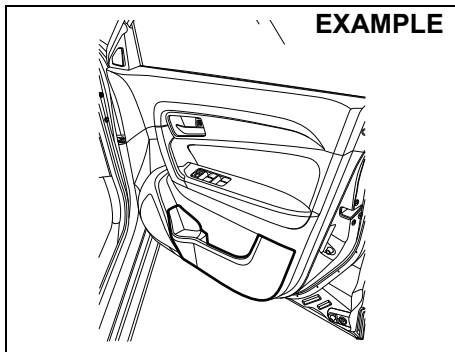
82PH05043

Always close the lid after you put something into or take something out of the box.

OTHER CONTROLS AND EQUIPMENT

Front Door Pocket (4) / Rear Door Pocket (7)

This pocket is provided for holding light and small items.

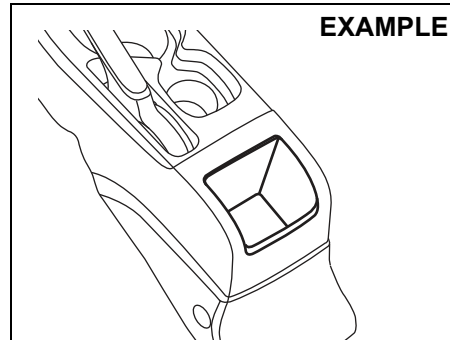


82PH05056

Bottle holder

You should hold a bottle with a cap in the holder.

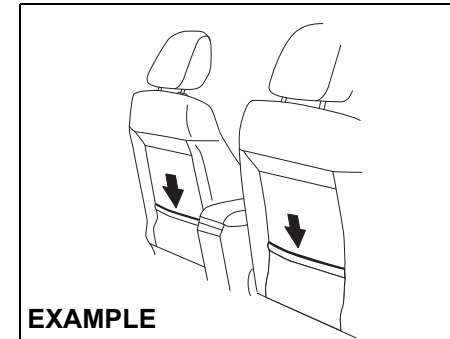
Rear Console Pocket (if equipped) (5)



82PH05051

Open the top to use the cup holder.

Front Seat Back Pocket (6)



82PH05045

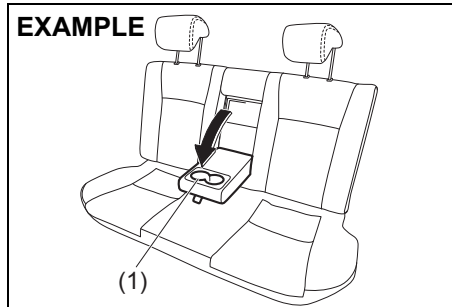
This pocket is provided for holding light and soft things such as gloves, newspapers or magazines.

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.

OTHER CONTROLS AND EQUIPMENT

Rear Armrest with Cup Holders (if equipped) (8)



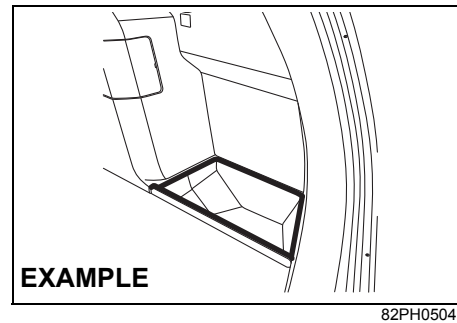
(1) Cup holders

The rear armrest is stowed in the center of the seatback. Tilt it down forward to use.

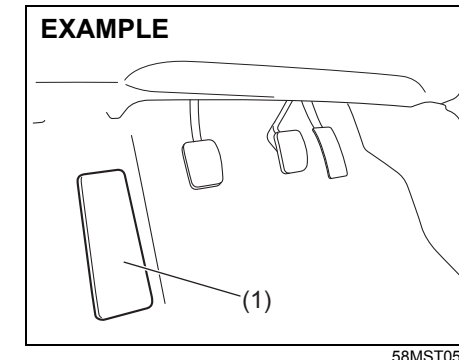
WARNING

- 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 (9)



Footrest

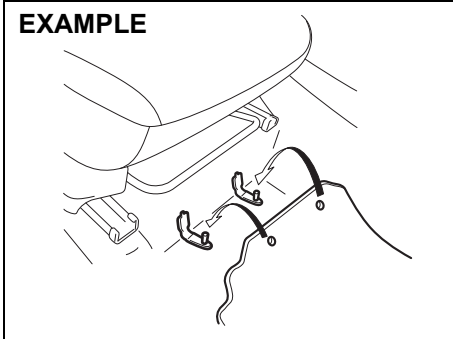


Use the footrest (1) as a support for your left foot (for drive side only).

OTHER CONTROLS AND EQUIPMENT

Floor Mats (if equipped)

EXAMPLE



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 grommet(s) to the fastener(s) 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 using MARUTI genuine floor mats for proper fitting.

⚠ WARNING

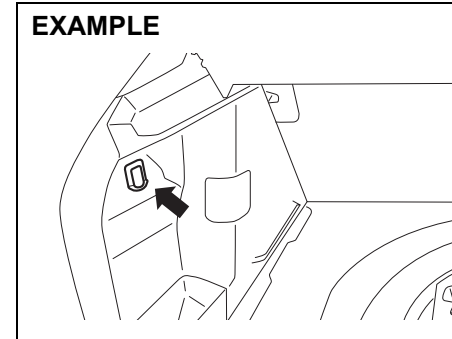
Failure to take the following precautions may result in the driver's side floor mat interfering with the pedals and causing a loss of vehicle control or an accident.

- Make sure that the floor mat grommet(s) is(are) hooked to the fastener(s).
- Never place additional floor mats on top of the existing floor mat.
- Never use a floor mat which does not fit the floor.
- Never use damaged floor mats.

Shopping Hook (if equipped)

Luggage Compartment (if equipped)

EXAMPLE



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: 1 kg

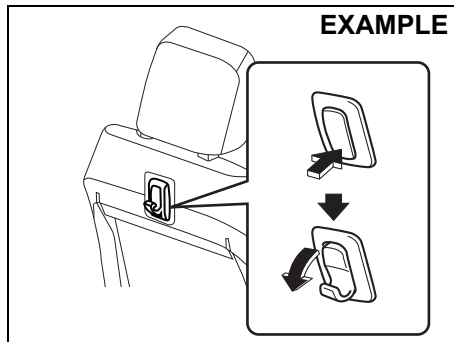
OTHER CONTROLS AND EQUIPMENT

Behind Driver Seat (if equipped)

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 3 kg.

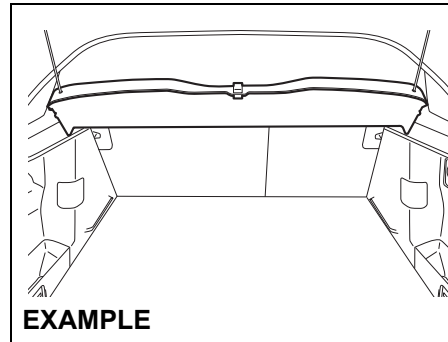


82PH05049

NOTICE

Make sure the weight is not hung on the front seat back hook during the reclining of driver seat.

Luggage Compartment Cover (if equipped)



82PH05048

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 about in an accident, causing injury, or could obstruct the driver's rear view.

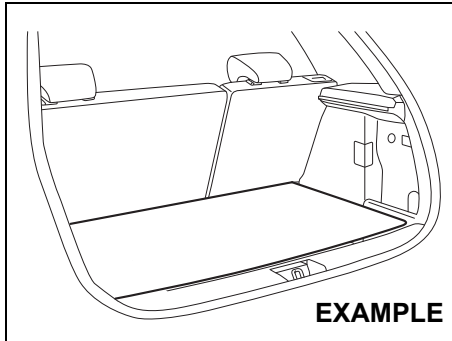
NOTICE

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



64MS088

Your vehicle is equipped with the luggage compartment board in the luggage compartment.

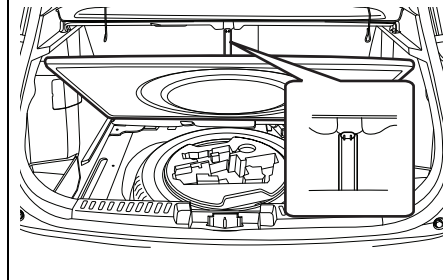
⚠ WARNING

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



82PH05012

If the vehicle is equipped with the luggage compartment cover, then the luggage compartment board can be held open as shown in the illustration.

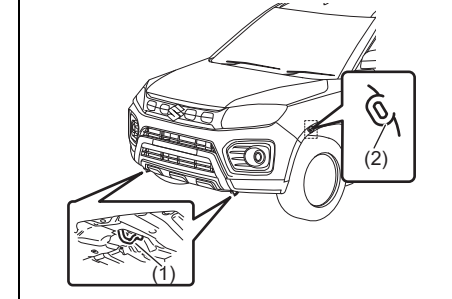
NOTICE

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.

Frame Hooks

Front

EXAMPLE



82PH05050

The frame hooks (1) is provided on the front of the vehicle for use in emergency situations and train/trailer shipping purposes only. The hooks (2) are provided for sea shipping purpose only.

To tow your vehicle on the road or highway, follow the instruction of "Towing" in "EMERGENCY SERVICE" section.

⚠ WARNING

Do not use the frame hooks to tow another vehicle or to have your vehicle towed on the road or highway. The hook (1) is designed for use in emergency situations only, such as if your vehicle or another vehicle gets stuck in deep mud or snow.

OTHER CONTROLS AND EQUIPMENT

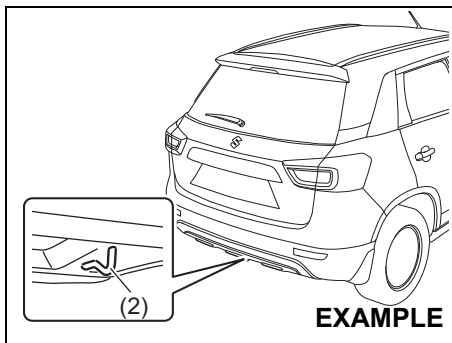
NOTICE

When you use the frame hook (1), avoid the driving that gives significant physical shock on hook. Such operation can damage the hook, or the vehicle body.
Do not accelerate suddenly.

⚠ WARNING

Do not use the frame hooks to tow another vehicle or to have your vehicle towed on the road or highway. The hook (2) is designed for use in emergency situations only, such as if your vehicle or another vehicle gets stuck in deep mud or snow.

Rear



EXAMPLE

82PH05013

The frame hook (2) is provided on the rear of the vehicle for use in emergency situations and train/sea shipping purposes only.

To tow your vehicle on the road or highway, follow the instruction of "Towing" in "EMERGENCY SERVICE" section.

NOTICE

When you use the frame hook (2), avoid the 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 CONTROLS AND EQUIPMENT

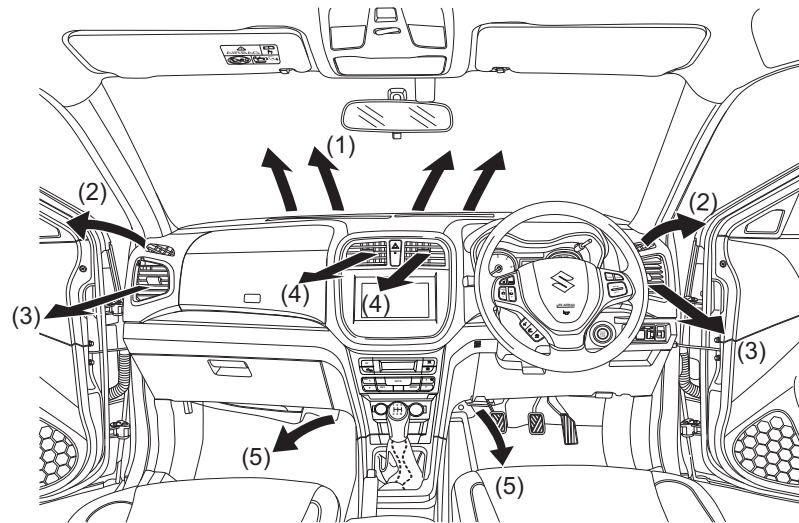
Heating and Air Conditioning System

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



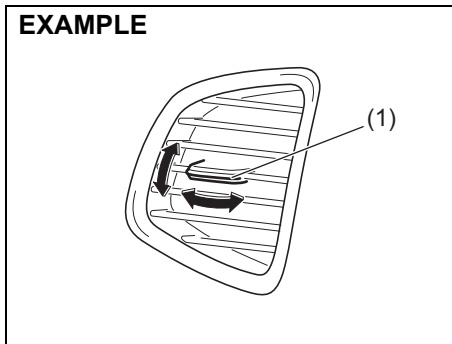
82PH05014

1. Windshield defroster outlet
2. Side defroster outlet
3. Side outlet
4. Center outlet
5. Floor outlet

OTHER CONTROLS AND EQUIPMENT

Side outlet

EXAMPLE

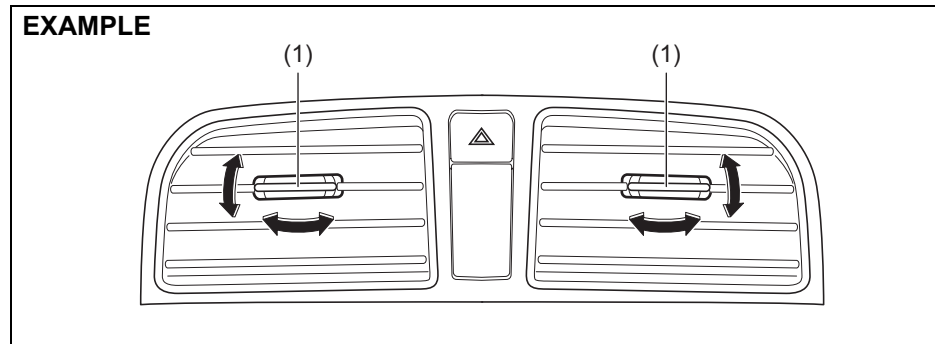


82PH049

Move the knob (1) vertically or horizontally, to adjust the direction of airflow as desired.

Center outlet

EXAMPLE



82PH050

Move the knob (1) vertically or horizontally to adjust the direction of airflow as desired.

CAUTION

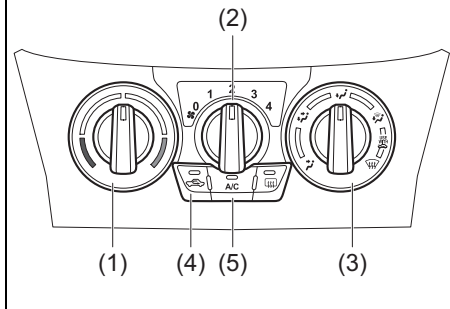
Prolonged exposure to hot air from the heater or air conditioner could result in low temperature burns. All vehicle occupants, particularly children, the elderly, those with special needs, individuals with delicate skin, and sleeping individuals, should maintain sufficient distance from the air outlets to prevent prolonged exposure to hot airflow.

OTHER CONTROLS AND EQUIPMENT

Manual Heating and Air Conditioning System

Description of Controls

EXAMPLE



82PH051

1. Temperature selector
2. Blower speed selector
3. Air flow selector
4. Air intake selector
5. Air conditioning switch

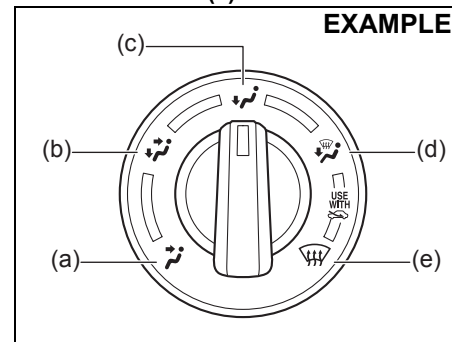
Temperature selector (1)

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.

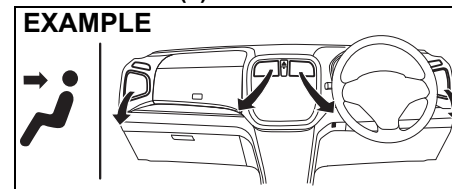
Air flow selector (3)



61MM0A019

This is used to select one of the functions described below.

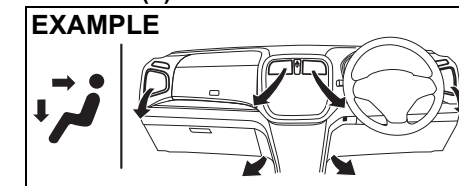
VENTILATION (a)



82PH05015

Temperature-controlled air comes out of the center and side air outlets.

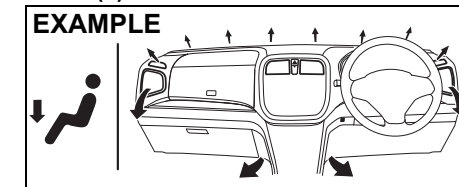
BI-LEVEL (b)



82PH05016

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)

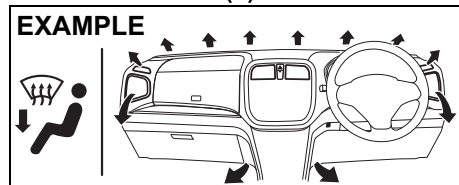


82PH05017

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.

OTHER CONTROLS AND EQUIPMENT

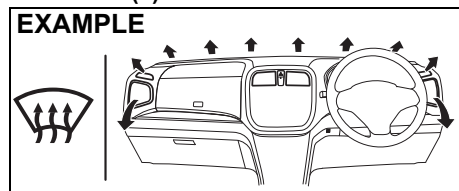
HEAT & DEFROST (d)



82PH05018

Temperature-controlled air comes out of the floor outlets, the windshield defroster outlets, the side defroster outlets and the side outlets.

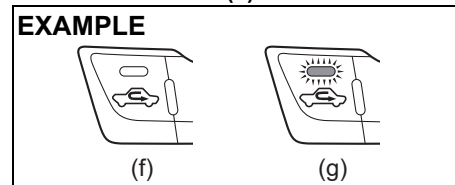
DEFROST (e)



82PH05019

Temperature-controlled air comes out of the windshield defroster outlets, the side defroster outlets and the side outlets.

Air intake selector (4)



82PH015

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 used.

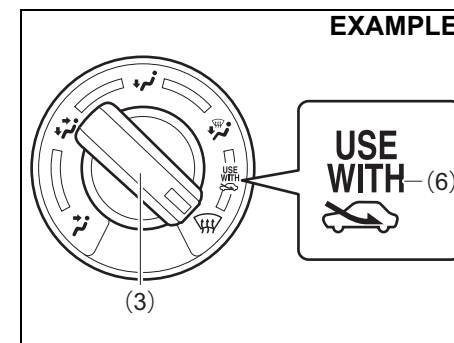
RECIRCULATED AIR (g)

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.

The fresh air position (f) and recirculated air position (g) 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 can become contaminated. Therefore, you should occasionally select the FRESH AIR position (f).



52RS50181

NOTE:

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 switch (5)

To turn on the air conditioning system, set the blower speed selector to the desired blower speed position and push in the air conditioning 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 air conditioning switch again.

OTHER CONTROLS AND EQUIPMENT

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.

System Operating Instructions

Natural ventilation

Select the VENTILATION position (a) and FRESH AIR position (f), 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 position (c) and FRESH AIR position (f), 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 position (g). If you use this heating method for an extended period of time, the air in the vehicle can 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 position (b) and FRESH AIR position (f), 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 position (a), the temperature selector to the desired temperature position and the blower speed selector to the desired blower speed position, and push in the air conditioning switch (5) 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 position (f) or RECIRCULATED AIR position (g) as you desire. Choosing the recirculated air position (g) increases cooling efficiency.

Quick cooling (using recirculated air)

The control settings are the same as for normal cooling except selecting the RECIRCULATED AIR position (g) and the highest blower speed.

OTHER CONTROLS AND EQUIPMENT

NOTE:

- If you select the **RECIRCULATED AIR** position (g) for an extended period of time, the air in the vehicle can become contaminated. Therefore, you should occasionally select the **FRESH AIR** position (f).
- 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** position (f) and the blower at high speed.

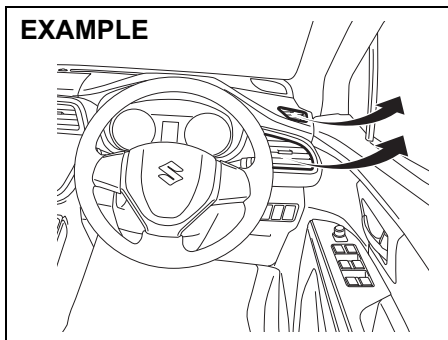
Dehumidifying

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** position (f) and push in the air conditioning switch (5) 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** position (e) or **HEAT & DEFROST** position (d).

EXAMPLE



64MS091

NOTE:

If you need maximum defrosting:

- select the **DEFROST** position (e) and **FRESH AIR** position (f),
- set the blower speed selector to high,
- adjust the temperature selector to the hot end,
- push in the air conditioning switch (5) to turn on the air conditioning system, and
- adjust the side outlets so the air blows on the side 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 authorised workshop as the lower 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.

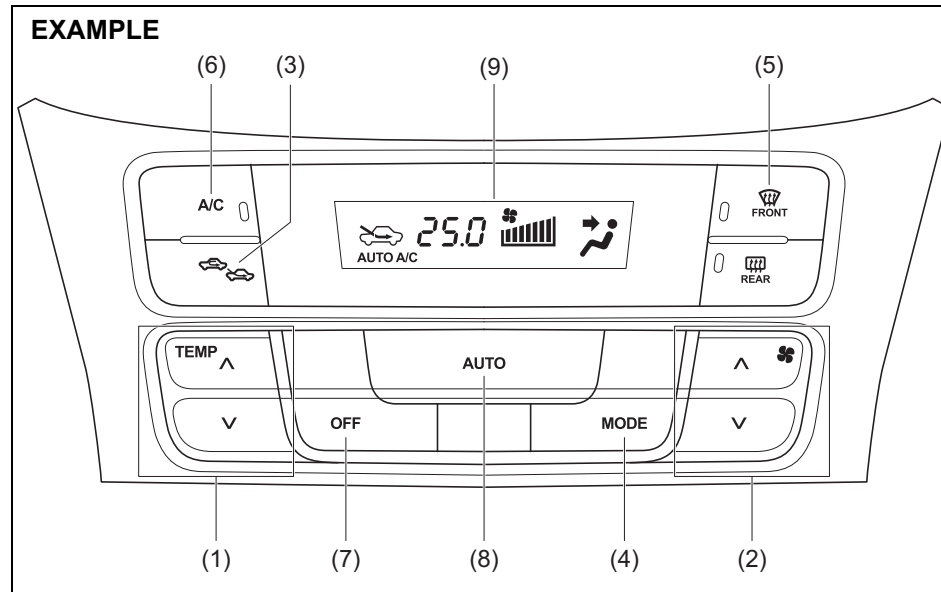
NOTICE

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.

OTHER CONTROLS AND EQUIPMENT

Automatic Heating and Air Conditioning System (Climate Control)

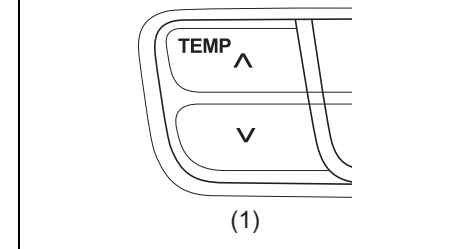
Description of Controls



- | | |
|---------------------------|-----------------------------|
| (1) Temperature selector | (6) Air conditioning switch |
| (2) Blower speed selector | (7) "OFF" switch |
| (3) Air intake selector | (8) "AUTO" switch |
| (4) "MODE" switch | (9) Display |
| (5) Defrost switch | |

Temperature selector (1)

EXAMPLE



Push upper part or lower part of the temperature selector (1) to adjust the temperature. The display (9) shows the selected temperature.

NOTE:

If you push 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.

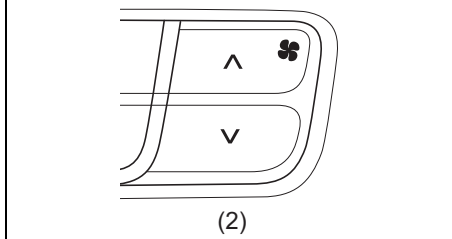
NOTE:

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



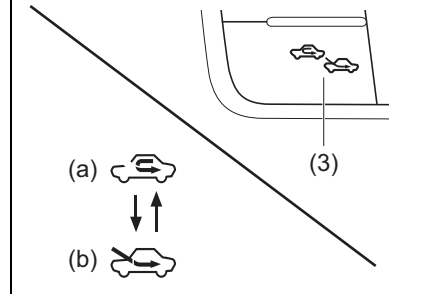
82PH054

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



82PH055

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)

When this mode is selected, outside air is shut off and inside air is recirculated. This mode is suitable when driving through an area with polluted air such as a tunnel, or when attempting to quickly cool down the vehicle.

FRESH AIR (b)

When this mode is selected, outside air is introduced.

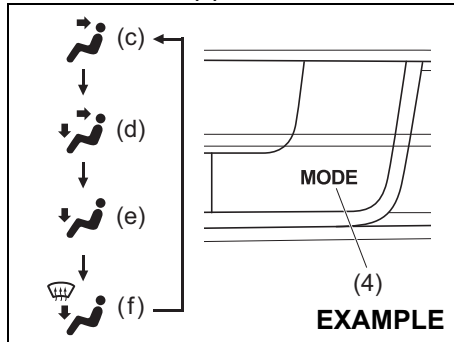
The FRESH AIR position (b) and RECIRCULATED AIR position (a) are selected alternately each time the air intake selector is pushed.

NOTE:

If you select the RECIRCULATED AIR position (a) for an extended period of time, the air in the vehicle can become contaminated. Therefore, you should occasionally select the FRESH AIR position (b).

OTHER CONTROLS AND EQUIPMENT

“MODE” switch (4)



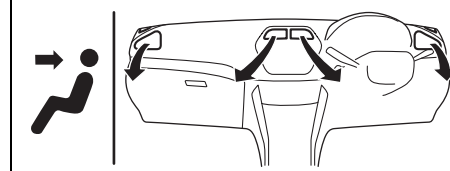
82PH056

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.

VENTILATION (c)

EXAMPLE

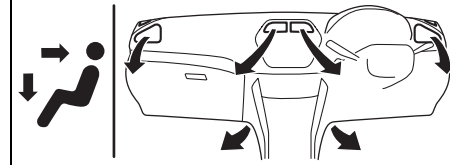


61M0100

Temperature-controlled air comes out of the center and side outlets.

BI-LEVEL (d)

EXAMPLE

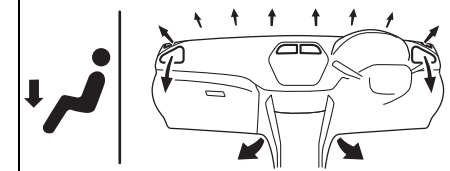


61M0101

Temperature-controlled air comes out of the floor outlets and cooler air comes out of the center, side and rear 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, side and rear outlets will be the same temperature

HEAT (e)

EXAMPLE

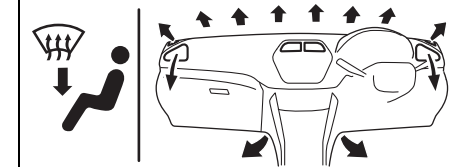


61M0102

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)

EXAMPLE



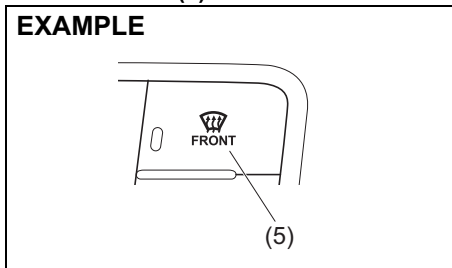
61M0103

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 switch (5)

EXAMPLE

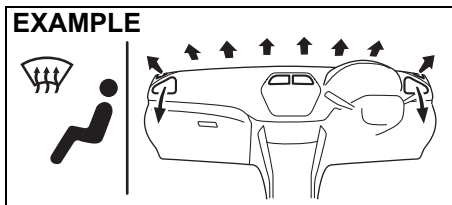


82PH057

Push the defrost switch (5) to turn on the defroster.

DEFROST

EXAMPLE



61M0106

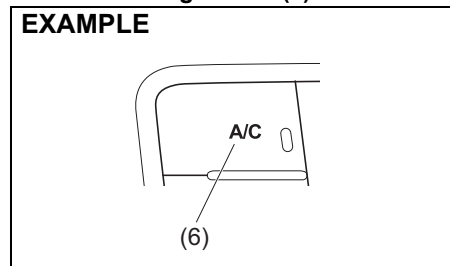
Temperature-controlled air comes out of the windshield defroster outlets, the side defroster outlets and the side outlets.

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 switch (6)

EXAMPLE



82PH058

The air conditioning 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; "A/C" will appear on the display and the indicator on the switch will come on. To turn off the air conditioning system, push in the switch again; "A/C" and the indicator will go off.

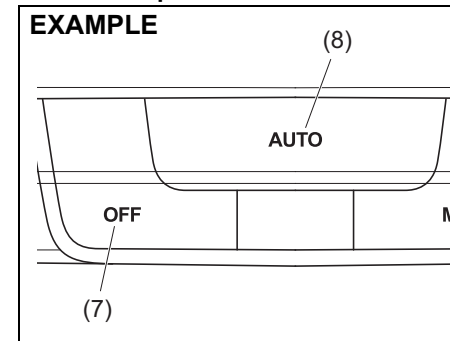
You can use the air conditioning switch (6) to manually turn the air conditioner on or off according to your preference. When you

turn the air conditioning switch off, the climate control system cannot lower the inside temperature below outside temperature.

System Operating Instructions

Automatic operation

EXAMPLE



82PH059

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 pushing 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.

OTHER CONTROLS AND EQUIPMENT

To turn the climate control system off, push the "OFF" switch (7).

NOTE:

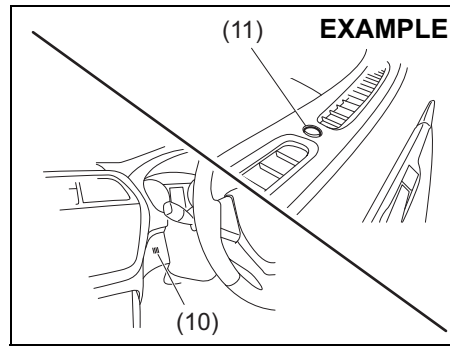
If the "AUTO" on the display blinks, there is a problem in the heating system and/or air conditioning system. You should have the system inspected by a Maruti Suzuki authorised workshop.

NOTE:

- To find the temperature at which you are most comfortable, start with the 25°C (75°F) setting, for example.
- If you push the temperature selector (1) until "HI" or "LO" appears on the display, the climate control system will operate at maximum heating or cooling.
- 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 (f) to defog the windows.

- To return the blower speed selector (2), air intake selector (3), and "MODE" switch (4) to automatic operation, push the "AUTO" switch (8).



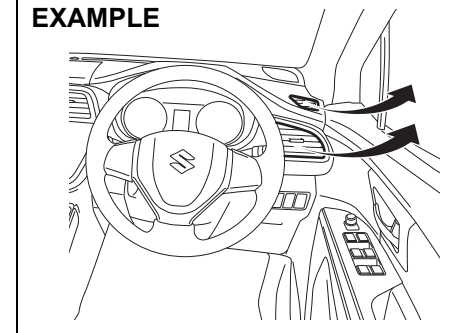
64MS149

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



64MS091

NOTE:

If you need maximum defrosting:

- push the defrost switch (5) to turn on the defroster (the air conditioning system will come on and the FRESH AIR position (b) 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.

OTHER CONTROLS AND EQUIPMENT

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 authorised workshop as the lower glove box must be lowered for this job.

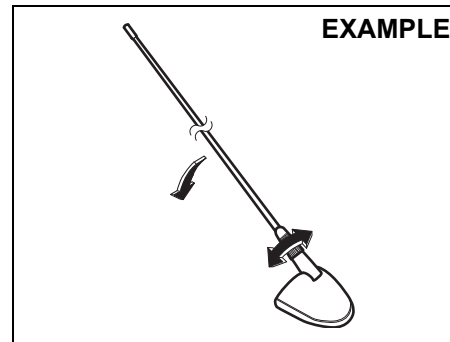
NOTE:

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



68KN028

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.

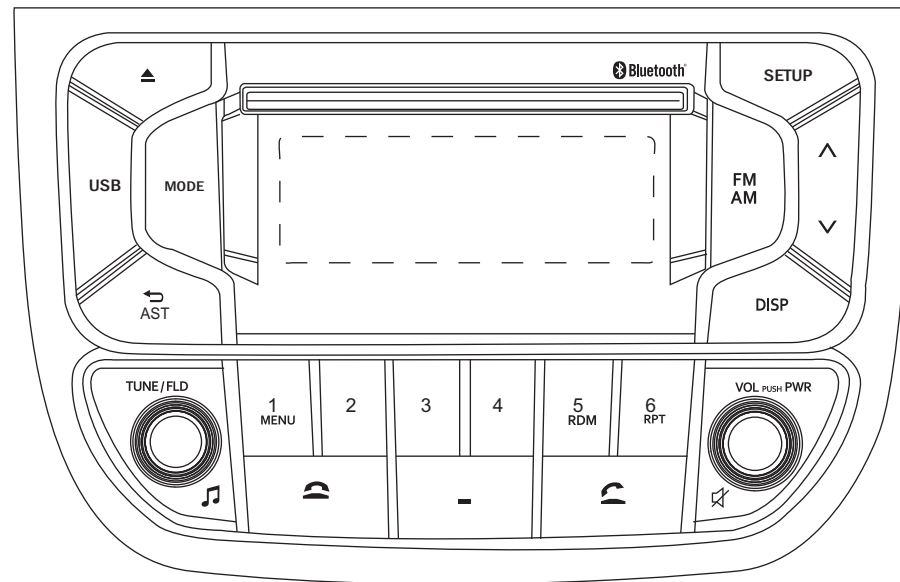
Installation of Radio Frequency Transmitters

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.

OTHER CONTROLS AND EQUIPMENT

Audio System (if equipped)

EXAMPLE



AM / FM / USB / BT / 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 presets.
- 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 sound 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.

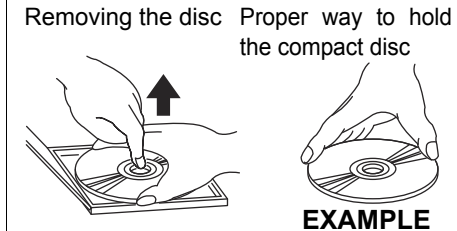
Cautions on Handling

EXAMPLE



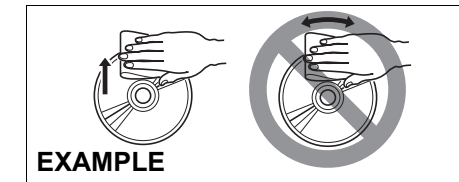
This unit has been designed specifically for playback of compact discs bearing mark (A) shown above.

No other discs can be played.



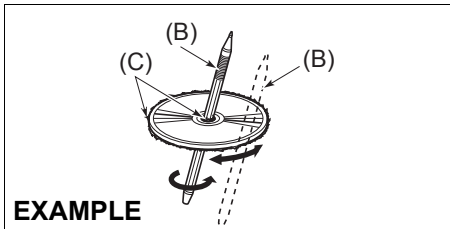
To remove the compact disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.

Always handle the compact disc by the edges. Never touch the surface.

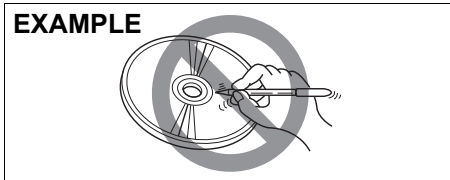


To remove fingermarks and dust, use a soft cloth, and wipe in a straight line from the center of the compact disc to the circumference.

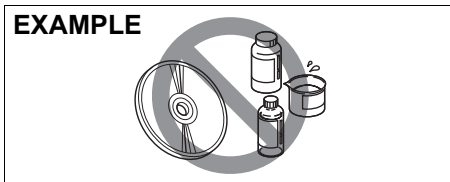
OTHER CONTROLS AND EQUIPMENT



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.



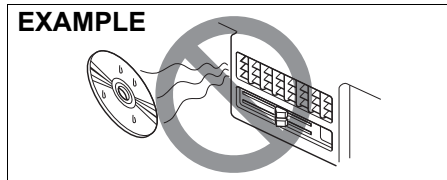
Never stick labels on the surface of the compact disc or write on the surface with a pencil or pen.



Do not use any solvents such as commercially available cleaners, anti-static spray, or thinner to clean compact discs.



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.



Do not expose compact discs to direct sunlight or any heat source.

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 be impossible 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 servicing to qualified personnel.

Bluetooth®

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.

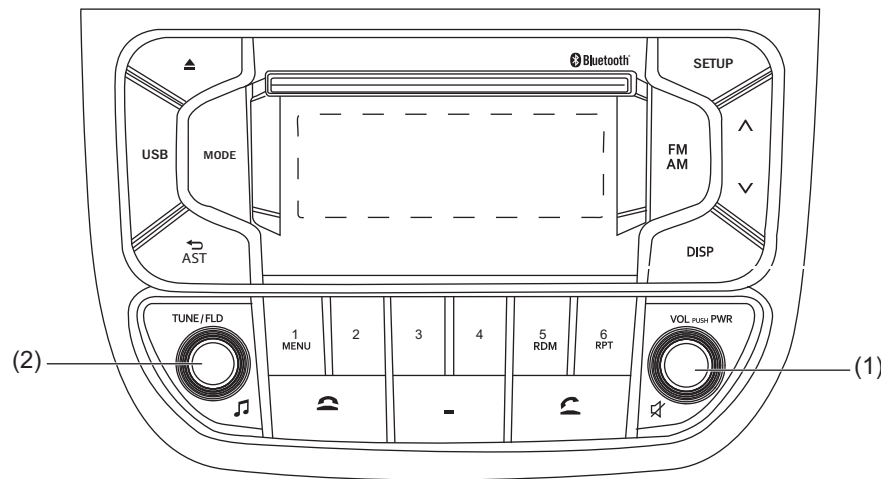
This unit shares the communication frequency with other private or public wireless communication equipment such as a wireless LAN and other wireless communication radios.

You should stop using this unit whenever you are notified that your unit disturbs other wireless communication immediately.

OTHER CONTROLS AND EQUIPMENT

Basic Operations

EXAMPLE



- (1) VOL PUSH POWER, knob
(2) TUNE FOLDER, knob

Turning power on/off

Long 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.

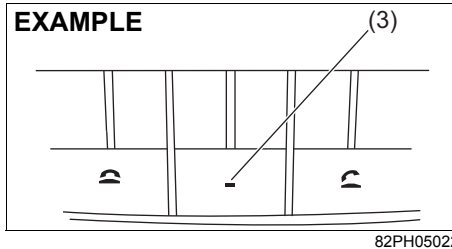
Mute

Press the VOL PUSH POWER, knob (1) to mute the sound. To cancel the mute, press the VOL PUSH POWER, knob (1) again.

82PH05023

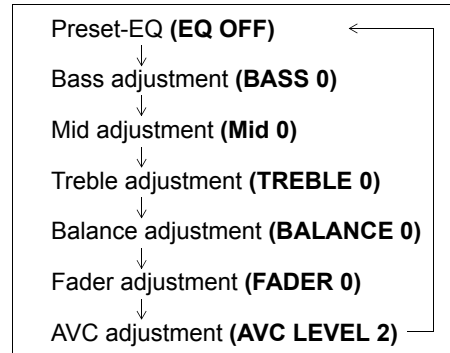
OTHER CONTROLS AND EQUIPMENT

Bluetooth® Mic *(3)



Adjusting bass /mid /treble /balance / fader

- 1) Press the TUNE FOLDER, knob (2). Each time the knob is pressed, sound adjustment will change as follows:



- 2) Turn the TUNE FOLDER, knob (2) to adjust the sound.

Adjusting the AVC (Auto volume control)

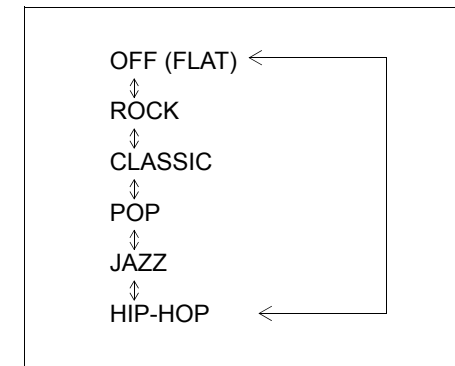
The Auto Volume Control (AVC) function automatically adjusts (increases/decreases) the sound volume in accordance with vehicle speed. The AVC control is provided with three selectable levels (LEVEL OFF, 1, 2, 3). The range of volume adjustment increases together with the LEVEL number.

- 1) Press the TUNE FOLDER, knob (2) several times until the AVC adjustment mode is selected.
- 2) Turn the TUNE FOLDER, 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.

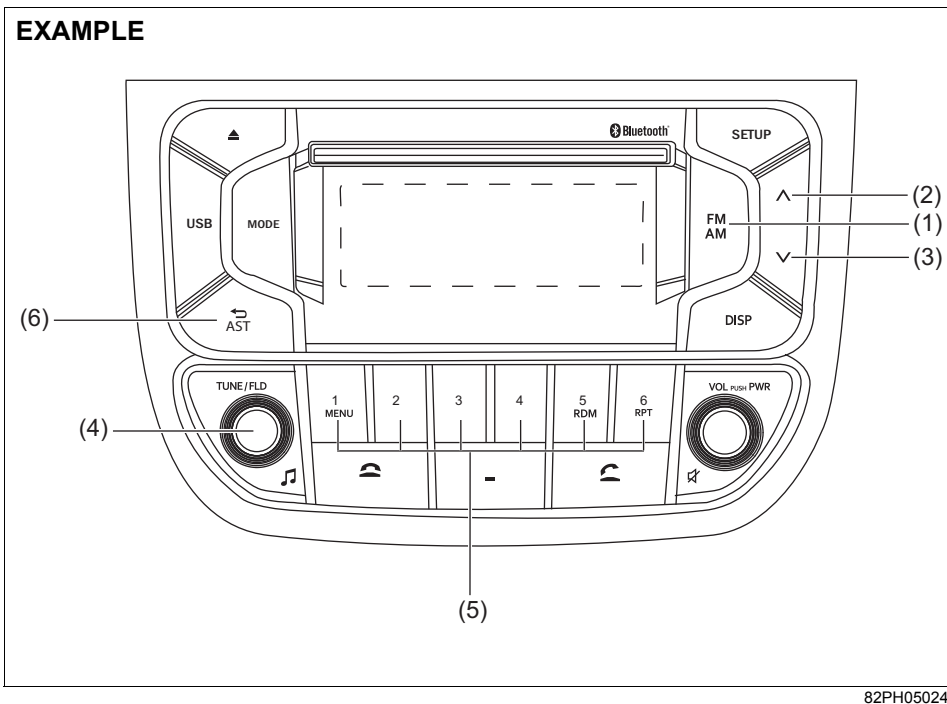
- 1) Press the TUNE FOLDER, knob (2) several times until "EQ" appears.
- 2) Turn the TUNE FOLDER, knob (2). Each time the knob is turned, preset EQ mode will change as follows:



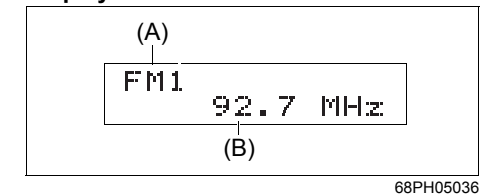
OTHER CONTROLS AND EQUIPMENT

Listening to the Radio

EXAMPLE



Display



OTHER CONTROLS AND EQUIPMENT

Selecting the FM/AM band

Press the FM/AM button (1). Each time the button is pressed, the reception band will change as follows:



Seek tuning

Press the seek Up button (2) or the seek Down button (3).

The unit stops searching for a station at a frequency where a broadcast station is available.

Manual tuning


Turn the TUNE FOLDER,  knob (4).

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 (5) to which you want to store the station for 2 seconds or longer.

Auto store

Hold down the /AST button (6) for 1 second or longer.

Six stations in good reception will automatically be stored to the Preset buttons (5) in order, starting from a station whose frequency is the lowest.

NOTE:

- Auto store can be released by pressing AST button (6) 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). Remaining preset displays “-----”.
- 6 stations can be preset for FM1 and FM2 in common, and 6 stations for AM in auto store mode.

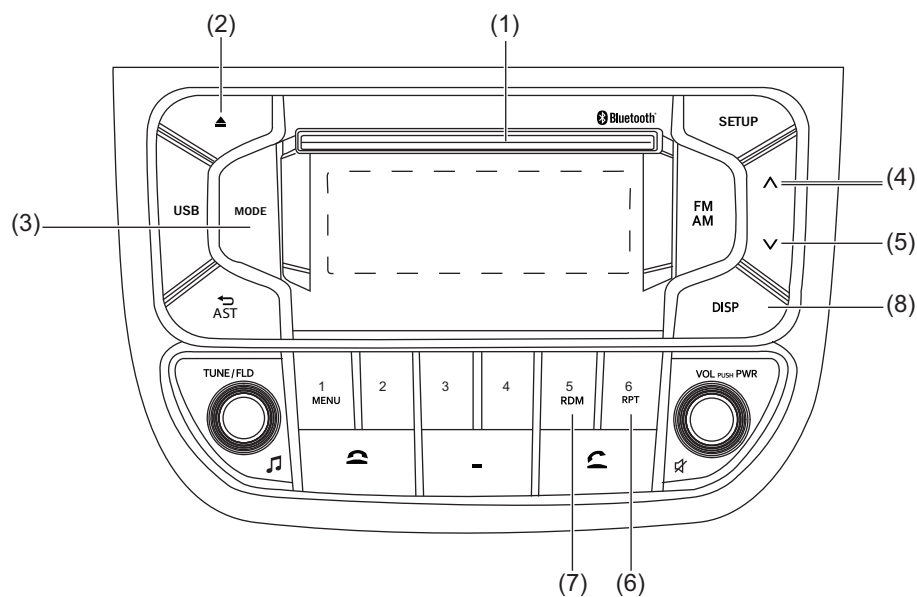
Radio Reception

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

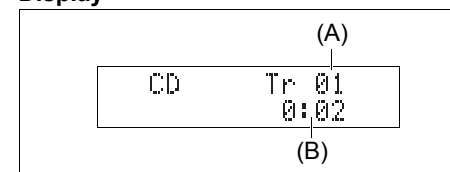
Listening to a CD

EXAMPLE



82PH05025

Display



- (1) Insertion slot
- (2) Eject button
- (3) Mode 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.).

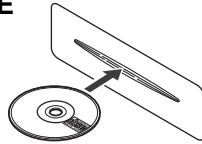
OTHER CONTROLS AND EQUIPMENT

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.

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", 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 off.

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 MODE button (3) to enter the CD mode & 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.

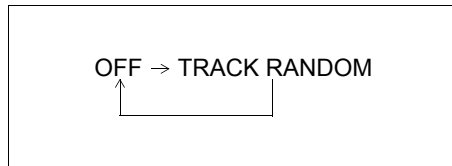
Fast forwarding/Rewinding a track

- Hold down the Up button (4) to fast forward the track.
- Hold down the Down button (5) to fast rewind the track.

OTHER CONTROLS AND EQUIPMENT

Random playback

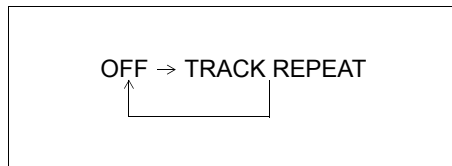
Press the RDM button (7).
Each time the button is pressed, the mode will change as follows:



- **TRACK RANDOM**
The random indicator "RDM" will light.
The tracks in the loaded disc will be played in random order.

Repeat playback

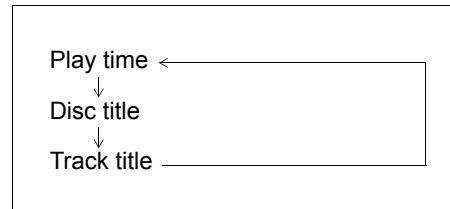
Press the RPT button (6).
Each time the button is pressed, the mode will change as follows:



- **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:



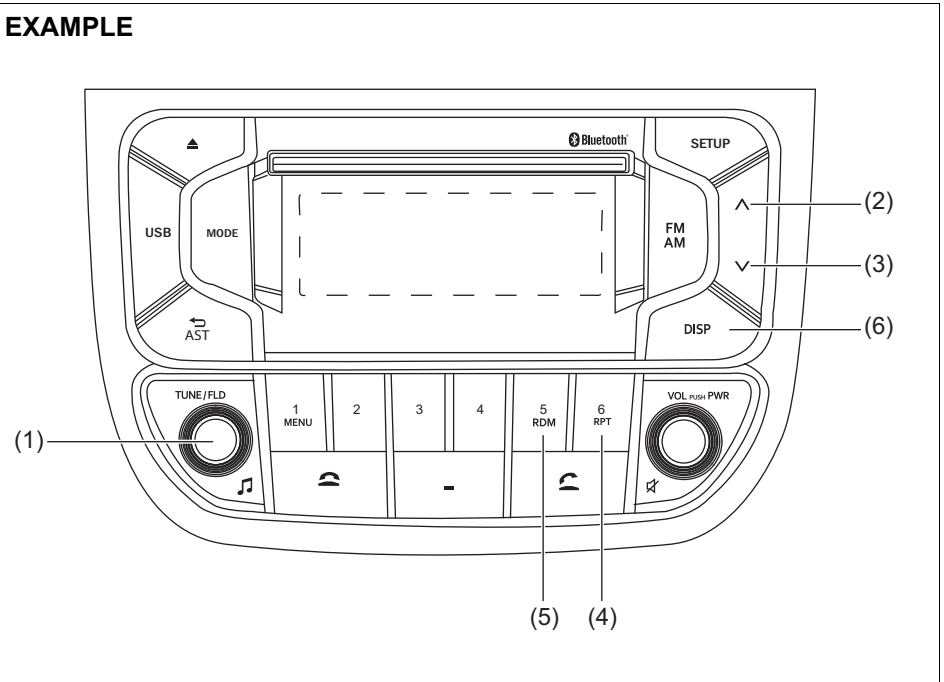
NOTE:

- "NO TITLE" will be displayed when there is no text information in the disc currently being played.
- If text data contains more than 15 characters, the ">" mark will appear at the right end. Audio displays text information three times automatically. Later holding down the DISP button (8) for 1 second or longer can display the next page for one time only.

OTHER CONTROLS AND EQUIPMENT

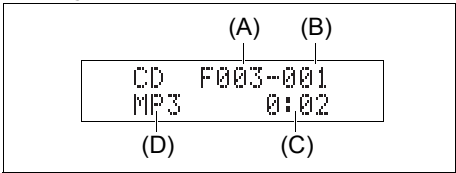
Listening to an MP3/WMA Disc

EXAMPLE



82PH05026

Display



- (1) TUNE FOLDER, 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,  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
↑

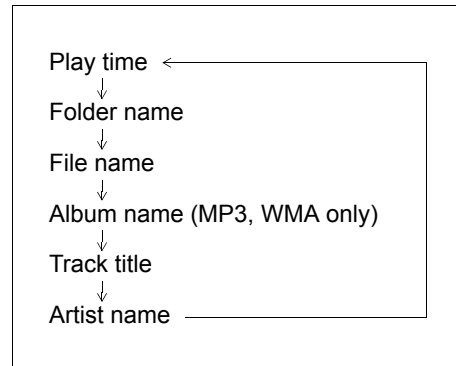
- FILE REPEAT
The repeat indicator “RPT” will light.
The track currently being played will be played repeatedly.
- FOLDER REPEAT
The repeat indicator “F.RPT” will light.
All tracks in the currently selected folder will be played repeatedly.

OTHER CONTROLS AND EQUIPMENT

Display change

Press the DISP button (6).

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 15 characters, the ">" mark will appear at the right end. Audio displays text information three times automatically. Later holding down the DISP button(6) or 1 second or longer can display the next page for one time only.

Notes on MP3/WMA

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.

Points to remember when making MP3/WMA 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", or ".wma" file name extension to a file if it is not in the MP3/WMA format file. Failure to observe this may result in damage to the speaker due to noise production.

Recording MP3/WMA files on a CD media

- It is recommended not to write both CD-DA files and MP3/WMA files on a disc.
- If both CD-DA files and MP3/WMA files are on the same disc, tracks may not be played in the correct order or some tracks may not be played at all.

OTHER CONTROLS AND EQUIPMENT

- 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 files and unnecessary folders on a disc.
- MP3/WMA files should be named to meet the standards and the file system specifications as shown below.
- The file extension “.mp3”, or “.wma” should be assigned to files based on their format independently.
- You may encounter a trouble in playing MP3/WMA files or displaying information of MP3/WMA 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
 - MPEG1 Audio Layer III: 8 k/11.025 k/12 kHz

WMA (Ver. 7, Ver. 8, Ver. 9*)

- Bit rate: 5 ~ 384 kbps
- Sampling frequency: 32 k/44.1 k/48 kHz

Supported file systems

ISO 9660 Level 1/Level 2, Joliet, Romeo

Maximum number of files/folders

- Maximum number of files: 999
- Maximum number of files in a folder: 999
- Maximum depth of tree structure: 99
- Maximum number of folders: 99
(Root folder is included.)

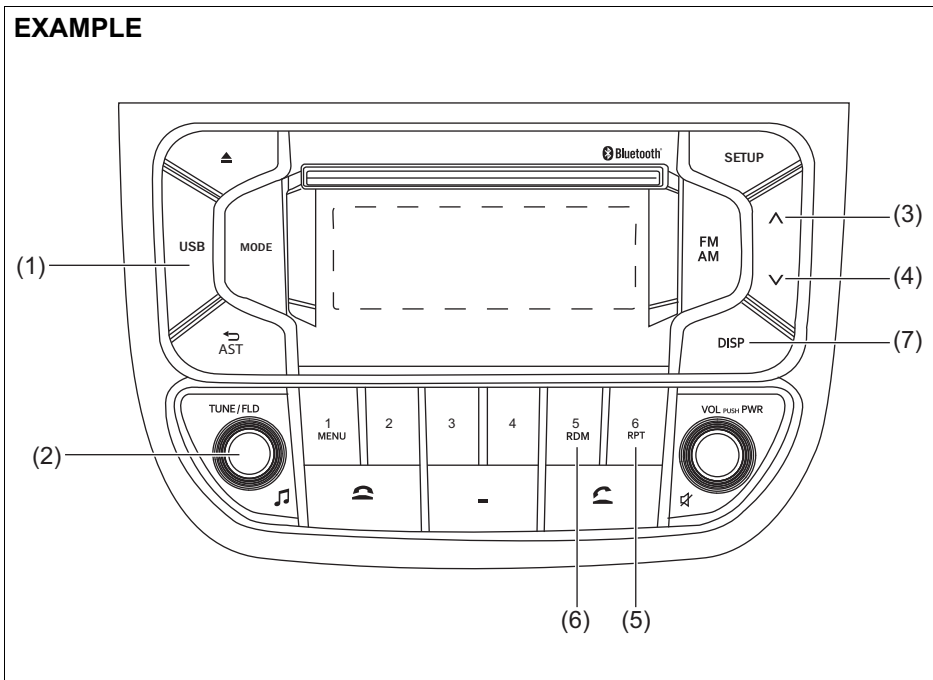
Recording MP3/WMA files on a CD

- Playback or display may not be possible depending on the type of CD in use or the condition of the recording.
- Depending on the connected CD memory, the files may be played in different order from the order that the files were stored.

OTHER CONTROLS AND EQUIPMENT

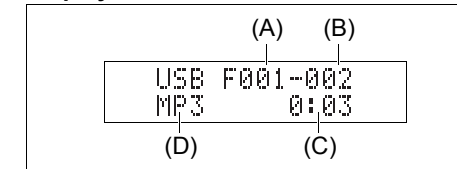
Listening to files stored in a USB device

EXAMPLE



82PH05027

Display



- (1) USB button
- (2) TUNE FOLDER, 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 device mode (1).

Selecting a folder

Turn the TUNE FOLDER,  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, WMA, AAC only)
↓
Track title
↓
Artist name

NOTE:

- “NO TITLE” will be displayed when there is no text information in the file currently being played.
- If text data contains more than 15 characters, the “>” mark will appear at the right end. Audio displays text information three times automatically. Later holding down the DISP button (7) for 1 second or longer can display the next page for one time only.

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
- 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.
- Device (Smart phone) featuring Media Transfer protocol (MTP), music search can take long time. This depends on the device (Smart phone) type and the files/folders present in the device (Smart phone).

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
MPEG1 Audio Layer III: 8 k/11.025 k/12 kHz

WMA (Ver. 7, Ver. 8, Ver. 9*)

- Bit rate: 5 ~ 384 kbps
- Sampling frequency: 32 k/44.1 k/48 kHz

AAC (compliant to ISO/IEC 14496-3)

- Bit rate: 8k - 384 kbps including VBR
Sampling frequency: 8 - 96 kHz

Maximum number of files/folders

- Maximum number of files: 5000
- Maximum number of files in a folder: 5000
- Maximum depth of tree structure: 1000
- Maximum number of folders: 1000
(Root folder is included.)

Notes on AAC

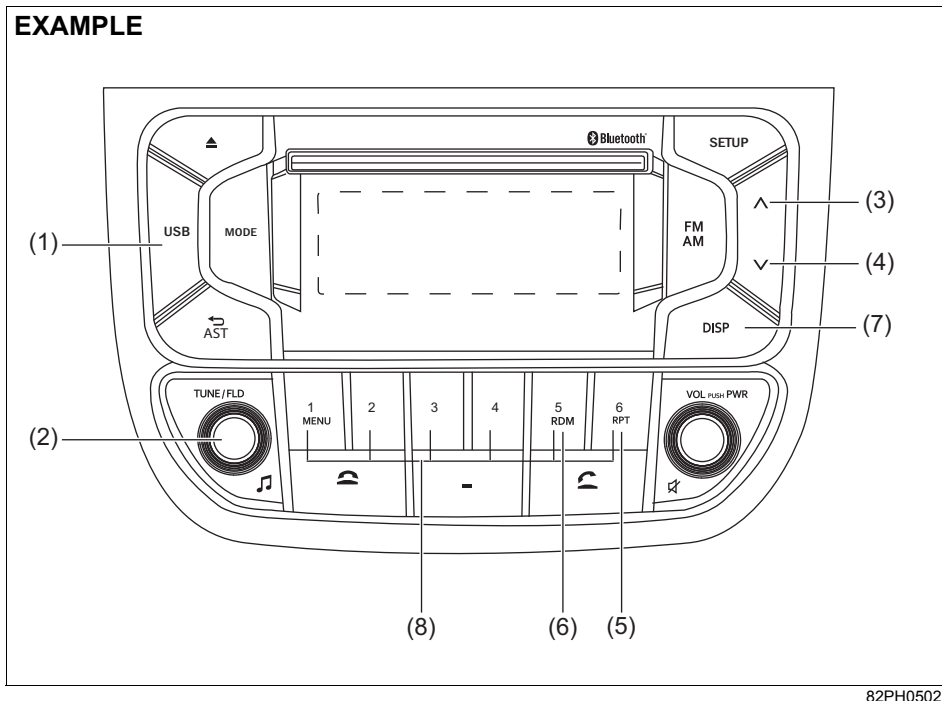
What is AAC?

An abbreviation of "Advanced Audio Coding," AAC is an audio compression format used by MPEG2 and MPEG4.

OTHER CONTROLS AND EQUIPMENT

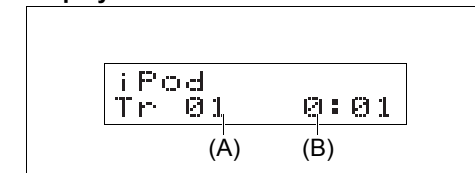
Listening to an iPod®

EXAMPLE



82PH05028

Display



82PH05035

- (1) USB button
- (2) TUNE FOLDER, knob
- (3) Up button
- (4) Down button
- (5) RPT button
- (6) RDM button
- (7) DISP button
- (8) Preset buttons ([1] to [6])

- (A) Track number
- (B) Play time

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.

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.

Random playback

Press the RDM button (6). Each time the button is pressed, the mode will change as follows:

OFF → SONG RANDOM



- SONG RANDOM
The random indicator "RDM" will light.
The tracks 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:

OFF → SONG REPEAT



- SONG REPEAT
The repeat indicator "RPT" will light.
The track currently being played will be played repeatedly.

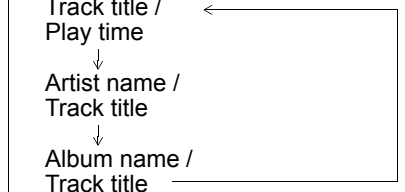
Display change

Press the DISP button (7). Each time the button is pressed, display will change as follows:

Track title /
Play time

↓
Artist name /
Track title

↓
Album name /
Track title




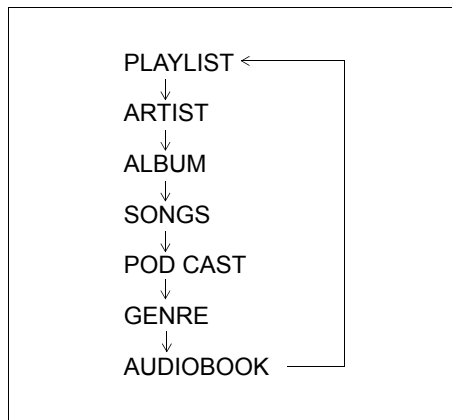
NOTE:

If text data contains more than 15 characters, the ">" mark will appear at the right end. Audio displays text information three times automatically. Later holding down the DISP button (7) for 1 second or longer can display the next page for one time only.

OTHER CONTROLS AND EQUIPMENT

Playing Mode selection

- 1) Press the menu button numbered [1] of the Preset buttons (8) for 1 second or longer.
- 2) Turn the TUNE FOLDER,  knob (2). Each time the knob is turned, the mode will change as follows:



- 3) Press the TUNE FOLDER,  knob (2) to select the desired mode.

NOTE:

- When the button numbered [5] or [6] of the Preset buttons (8) is pressed, the previous mode will be displayed.

Notes on iPod®

Supported iPod®

- iPod® touch (6th generation)
- 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)
- iPhone® 6 Plus
- iPhone® 6
- iPhone® 5S
- iPhone® 5
- iPhone® 4S
- iPhone® 4
- iPhone® 3GS

* 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.

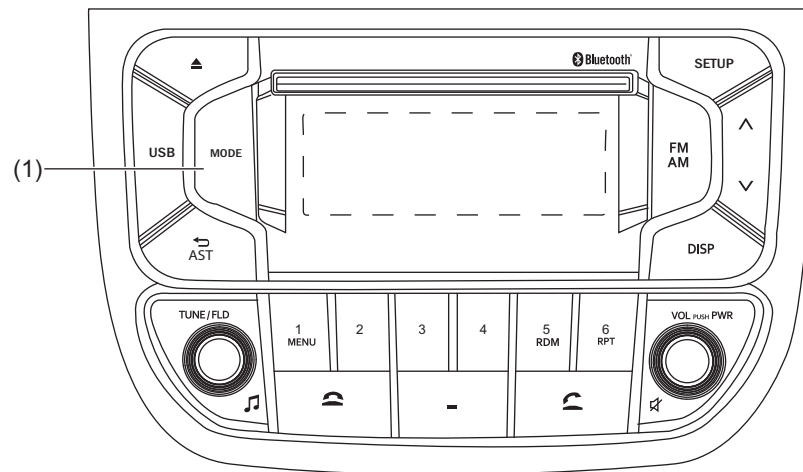
iPod® connection

- Make sure to detach the iPod® after turning the ignition switch 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



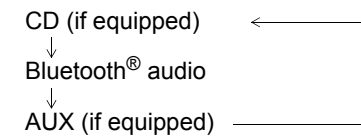
82PH05029

(1) MODE button

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) Each time the button is pressed, the mode will change as follows:



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

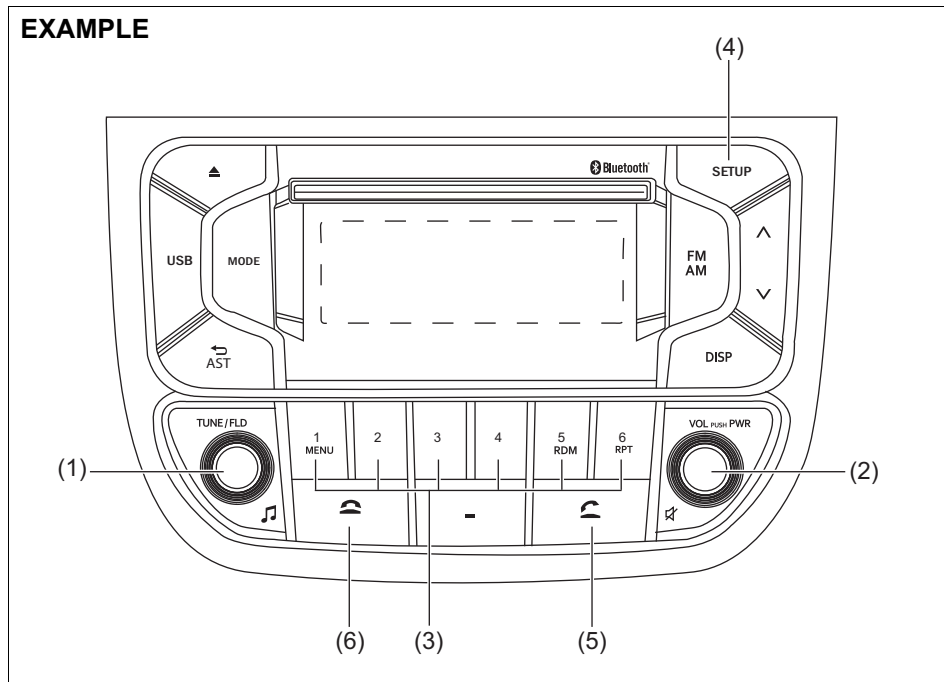
NOTE:

- *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.*

OTHER CONTROLS AND EQUIPMENT

Bluetooth® Hands-Free (if equipped)

EXAMPLE

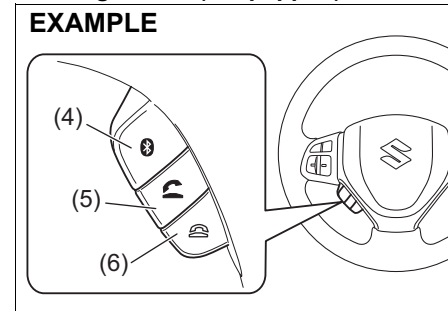


- (1) TUNE FOLDER, knob
- (2) VOL PUSH POWER, knob
- (3) Preset buttons

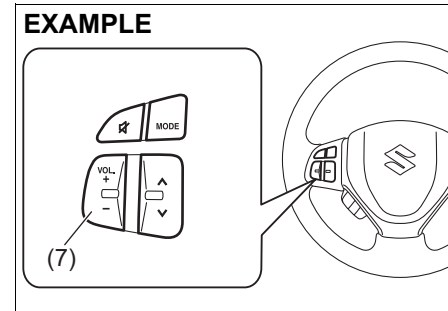
82PH05030

Steering switch (if equipped)

EXAMPLE



EXAMPLE



- (4) Bluetooth® setup button
- (5) Off Hook button
- (6) On Hook button
- (7) VOL switch


OTHER CONTROLS AND EQUIPMENT

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 current audio player from the unit, Connect the device again after phone setup is completed if necessary.
- When failed to establish the pairing within 60 seconds, the connecting operation will be canceled. "Connection failed" will be displayed. 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,  knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Select "Pairing", and press the knob (1) to determine the selection.
- 4) Select "Maruti Suzuki" 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, if required.
- 6) Press the On Hook button (6) to exit BT Setup menu.

NOTE:

- When selecting "Go Back" option or  button, 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).

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.

Mute of hands-free microphone


Press the VOL PUSH POWER,  knob (2) to mute the microphone. To cancel the mute, press the VOL PUSH POWER,  knob (2) again.

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.





OTHER CONTROLS AND EQUIPMENT

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,  knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select “Sound Setting”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER,  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,  knob (1) to select desired call or ringtone volume, and press the knob (1) to determine the selection.

NOTE:


When selecting “Go Back” option or  button, 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,  knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select “Sound Setting”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER,  knob (1) to select “Ringtone”, and press the knob (1) to determine the selection. The current ringtone will be displayed.
- 5) Turn the TUNE FOLDER,  knob (1) to select desired ringtone, and press the knob (1) to determine the selection.

NOTE:

When selecting “Go Back” option or  button, 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,  knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select “Setup Phonebook”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER,  knob (1) to select “Add Contacts”, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER,  knob (1) to select “Overwrite All” and press the knob (1) to determine the selection.
- 6) Press or turn the TUNE FOLDER,  knob (1) to select “Confirm”, and press the knob (1) to determine the selection.
- 7) When contacts are transferred, “Transferred” will be displayed followed by “Setup Phonebook” display.



OTHER CONTROLS AND EQUIPMENT

NOTE:

- When selecting “Go Back” option or  button 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,  knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select “Call History”, and press the knob (1) to determine the selection.
- 4) Select “Overwrite Call History?”, and press the knob (1) to determine the selection.
- 5) Select “Confirm”, and press the knob (1) to transfer the call history from the phone.

NOTE:

When selecting “Go Back” option or  button, 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. Press the knob (1) to determine the selection.
- 2) Turn the TUNE FOLDER,  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 name will be displayed in sequence. If name have been registered together with numbers, the names will be displayed.
- 3) Turn the TUNE FOLDER,  knob (1) to select “Dial”, and press the knob (1) to determine the selection.
- 4) The number registered with the displayed name will be dialed.

NOTE:

- In case phonebook contact have more than one number then audio will ask for particular number selection.


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,  knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select “Setup Phonebook”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER,  knob (1) to select “Add Speed Dial”, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER,  knob (1) to select the initial of a registered contact to be assigned, and press the knob (1) to determine the selection.
- 6) “Choose Preset” will be displayed.
Press one of the Preset buttons (3) to which the selected number is to be assigned. “Registered” will be displayed.
- 7) If a number is already assigned to the selected button, a confirmation message will be displayed. Turn the TUNE FOLDER,  knob (1) to select “Confirm”, and press the knob (1) to complete the assignment.
When the assignment is completed, the “Add Speed Dial” will be displayed.


OTHER CONTROLS AND EQUIPMENT

NOTE:

- *Call waiting feature is not available.*
- *When selecting "Go Back" option or  button, the previous menu will be displayed.*
- *In case phonebook contact have more than one number then audio will ask for particular number selection.*



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,  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 knob (1) "DIAL" will be displayed. Press the knob (1) to determine the selection.

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,  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,  knob (1) to select "Delete", and press the knob (1) to determine the selection.
- 5) Select "Del Speed Dial", and press the knob (1) to determine the selection.
- 6) Select "Confirm", and press the knob (1) to complete the deletion.

NOTE:



When selecting "Go Back" option or  button, the previous menu will be displayed

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,  knob (1) to select "Outgoing Calls", "Incoming Calls" or "Missed Calls", and press the knob (1) to determine the selection.
To dial from the dialed history or the received history, select "Outgoing Calls", "Incoming Calls" or "Missed Calls" respectively.
- 3) Turn the TUNE FOLDER,  knob (1) to select the desired number or registered name and press the knob (1) to determine the selection.
- 4) Press the knob (1) to dial to the selected number.






OTHER CONTROLS AND EQUIPMENT


NOTE:

- When selecting “Go Back” option or  button, the previous menu will be displayed.
- Pressing “Choose Preset” 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 Bluetooth® setup button (4).
Turn the TUNE FOLDER,  knob (1). Select “Setup telephone” and press the knob (1) to determine the selection.
- 2) Turn the TUNE FOLDER,  knob (1) to select “Setup Phonebook”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select “Delete History”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER,  knob (1) to select “Outgoing Calls”, “Incoming Calls”, “Missed Calls” or “ALL Calls”, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER,  knob (1) to select a number to be deleted or “ALL Calls”, and press the knob (1) to determine the selection.
- 6) Select “Delete?” or “Delete All?”, in case of “ALL” will be selected and press the knob (1) to determine the selection.






- 7) Turn the TUNE FOLDER,  knob (1) to select “Confirm”, and press the knob (1) to complete the deletion.

NOTE:

When selecting “Go Back” option or  button, the previous menu will be displayed.

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,  knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select “Setup Phonebook”, and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER,  knob (1) to select “Delete Contacts”, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER,  knob (1) to select the initial of the name of the registered number to be deleted or “ALL” and press the knob (1) to determine the selection.
- 6) Select “Delete?” or “Delete All?”, and press the knob (1) to determine the selection.
- 7) Turn the TUNE FOLDER,  knob (1) to select “Confirm”, and press the knob (1) to complete the deletion.

NOTE:

When selecting “Go Back” option or  button, the previous menu will be displayed.

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,  knob (1) to select “Setup Bluetooth”, and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select “Bluetooth Info”, and press the knob (1) to determine the selection.
- 4) 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” option or  button, the previous menu will be displayed.


OTHER CONTROLS AND EQUIPMENT

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,  knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select "Initialize", and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER,  knob (1) to select "All Initialize", and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER,  knob (1) to select "Confirm", and press the knob (1) to start the reset "initialized" will be displayed.

NOTE:

When selecting "Go Back" option or  button, 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,  knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select "List Phone", and press the knob (1) to determine the selection.
The names of the registered phones are displayed.

NOTE:

When selecting "Go Back" option or  button, the previous menu will be displayed.





Automatic connection with the Bluetooth® device

Turning the ignition switch to ACC will automatically connect the registered Bluetooth® device.


With the automatic connection, the Bluetooth® device that was connected last will be prioritized.

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,  knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select "List Phone", and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER,  knob (1) to select a phone to be paired with, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER,  knob (1) to select "Select", and press the knob (1) to determine the selection.





NOTE:

- *When selecting "Go Back" option or  button, the previous menu will be displayed.*
- *The Bluetooth® ready audio device will be disconnected when the phone is selected.*


OTHER CONTROLS AND EQUIPMENT

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,  knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select "Passkey", and press the knob (1) to determine the selection.
- 4) Select "New Passkey", and press the knob (1) to determine the selection.
- 5) Press the TUNE FOLDER,  knob (1) to select "Confirm".
- 6) Turn the TUNE FOLDER,  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.
- 7) After entering fourth digit, press knob (1) to confirm. Passkey "XXXX" will be displayed.

NOTE:


When selecting "Go Back" option or  button, 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,  knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select "List Phone", and press the knob (1) to determine the selection.
- 4) Turn the TUNE FOLDER,  knob (1) to select a phone to be deleted, and press the knob (1) to determine the selection.
- 5) Turn the TUNE FOLDER,  knob (1) to select "Delete", and press the knob (1) to determine the selection.
- 6) Select "Delete?", and press the knob (1) to determine the selection.
- 7) Turn the TUNE FOLDER,  knob (1) to select "Confirm", and press the knob (1) to determine the selection.

NOTE:


When selecting "Go Back" option or  button, 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,  knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (1) to select "BT Power", and press the knob (1) to determine the selection.
- 4) Press the TUNE FOLDER,  knob (1) to select "BT Power On" or "BT Power Off".

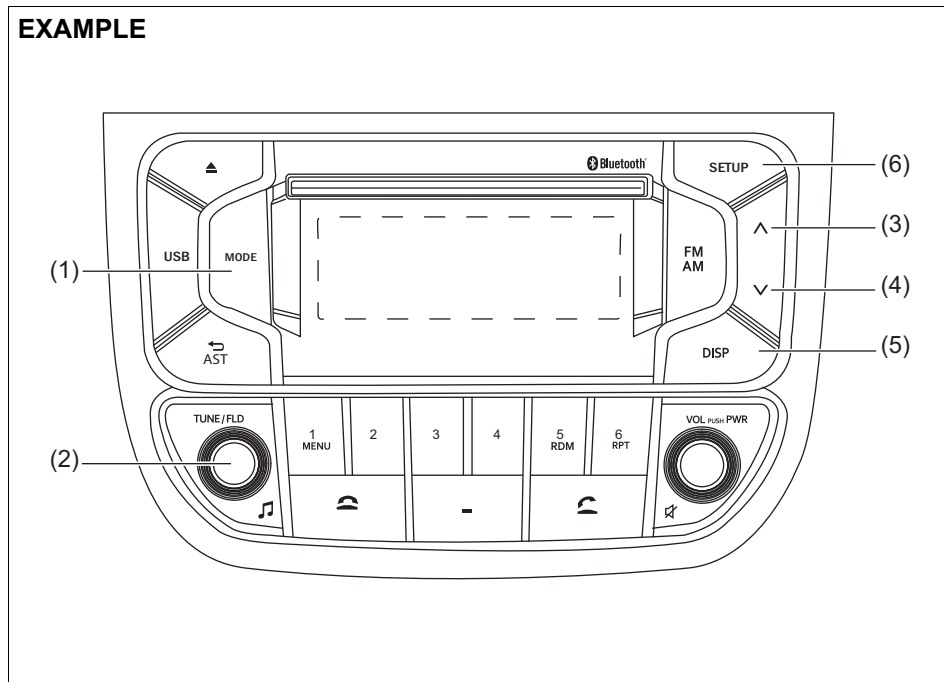
NOTE:

- 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" option or  button, the previous menu will be displayed.

OTHER CONTROLS AND EQUIPMENT

Bluetooth® audio (if equipped)

EXAMPLE

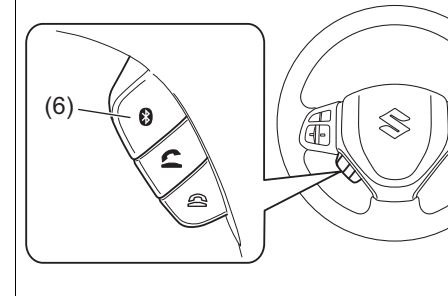


82PH05031

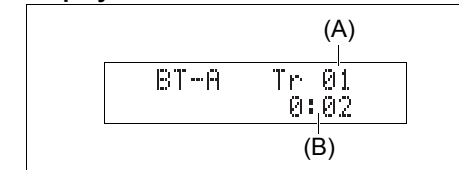
NOTE:
Applicable for Bluetooth® audio version 2.1 + EDR

Steering switch (If equipped)

EXAMPLE



Display



- (1) MODE button
- (2) TUNE FOLDER, knob
- (3) Up button
- (4) Down button
- (5) DISP button
- (6) Bluetooth® setup button

- (A) Track number
- (B) Play time



OTHER CONTROLS AND EQUIPMENT

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 60 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,  knob (2) to select "Setup Bluetooth", and press the knob (2) to determine the selection.
- 3) Turn the TUNE FOLDER,  knob (2) to select "Pairing", and press the knob (2) to determine the selection.
- 4) Select "Maruti Suzuki" 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. (For phones with Bluetooth version 2.1 or above passkey input is not required).

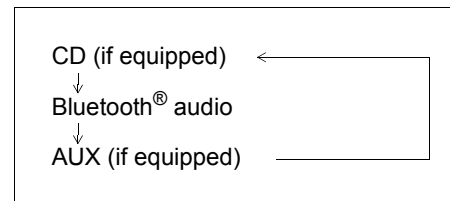
NOTE:

- When selecting "Go Back" option or  button, the previous menu will be displayed.
- When additionally registering audio devices, operate the same step from 1).

Selecting the Bluetooth® audio mode

Press the MODE button (1).

Each time the button is pressed, the mode will change as follows:



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.

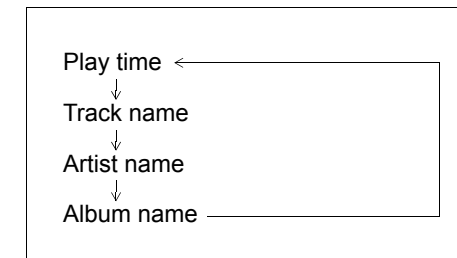
NOTE:

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 15 characters, the ">" mark will appear at the right end. Audio displays text information three times automatically. Later holding down the DISP button (5) for 1 second or longer can display the next page for one time only.

OTHER CONTROLS AND EQUIPMENT

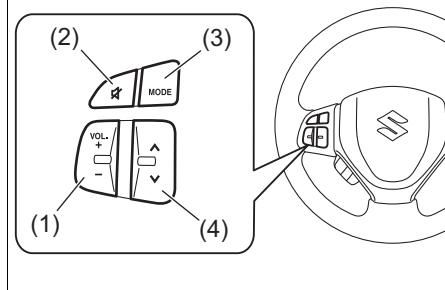
Disclaimer for Bluetooth® function

- 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 local 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:

FM1 ←
↓
FM2
↓
AM
↓
CD (if equipped)
↓
Bluetooth® audio (if equipped)
↓
AUX (if equipped)
↓
USB (iPod®) (if equipped)

It is possible to turn on the audio system by pressing the switch (3).

OTHER CONTROLS AND EQUIPMENT

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.

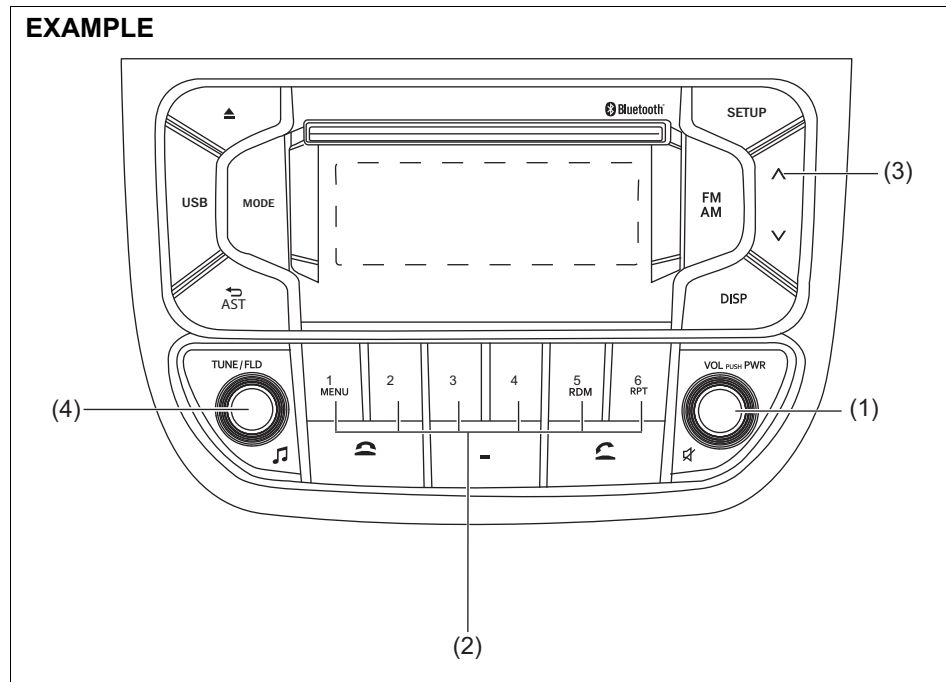
Fast forwarding/Rewinding a track

- 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



82PH05032

- (1) VOL PUSH POWER, knob
- (2) Preset buttons ([1] to [6])
- (3) Up button
- (4) TUNE FOLDER, knob



OTHER CONTROLS AND EQUIPMENT

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) Long press the VOL PUSH POWER,  knob (1) to power off.
- 2) Hold down the buttons numbered [1] and [6] of the Preset buttons (2) simultaneously, "SECURITY" 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,  knob (4) for 1 second or longer to set the anti-theft function. "Complete" will be displayed".

NOTE:

Take a note of the registered PIN and keep it for the future use.

Canceling the anti-theft feature

To cancel the anti-theft function, delete the registered PIN.


- 1) Long press the VOL PUSH POWER,  knob (1) to power off.
- 2) Hold down the buttons numbered [1] and [6] of the Preset buttons (2) simultaneously, "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,  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,  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:

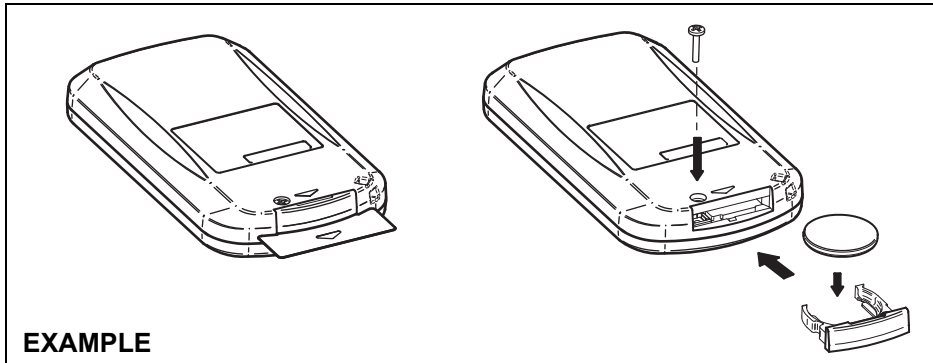
If an incorrect PIN is entered, "ERROR" and the total number of incorrect entry attempts will be displayed.

If an incorrect PIN is entered 10 times, "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.



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.

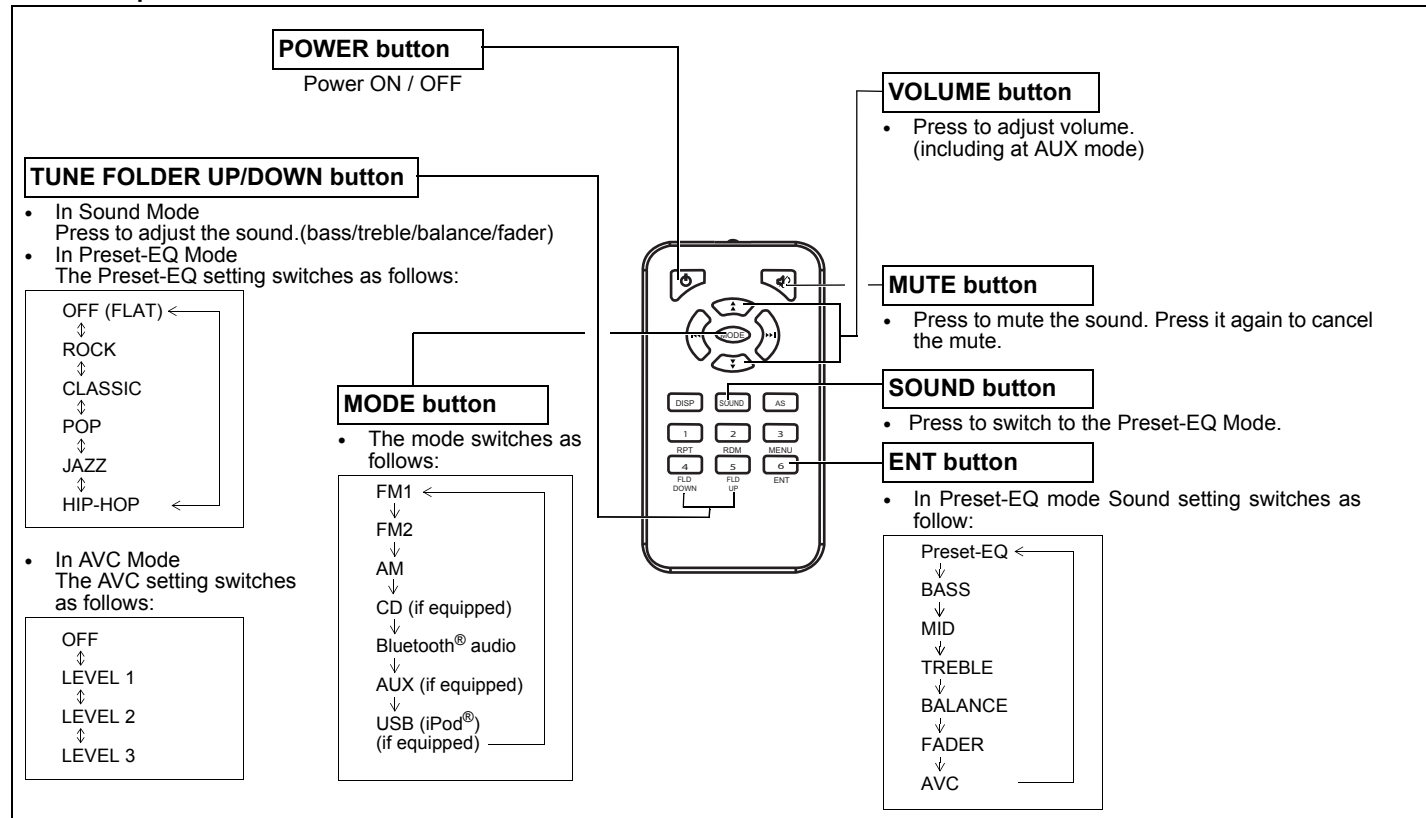
OTHER CONTROLS AND EQUIPMENT

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).
- 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 Common operations



OTHER CONTROLS AND EQUIPMENT

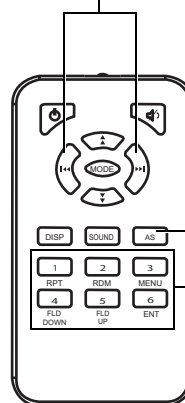
Radio operations

SEEK TRACK UP/DOWN button

- Press to select the radio station.

AS button

- Press to return to the last received frequency in the previous auto store mode.
- Press it for 2 seconds or longer. It selects the stations with the stronger signals and stores them in order.



PRESET buttons (1-6)

- Press to select the desired preset station.

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

DISP button

- The display switches as follows:

Play time ←
↓
Disc title
↓
Track title

- Press it for 1 second or longer to display the next page.

RPT (1) button

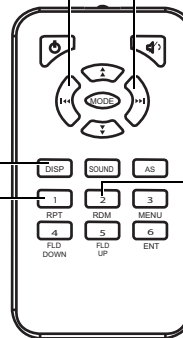
- Press to play the current track repeatedly. Press it again to cancel.

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.

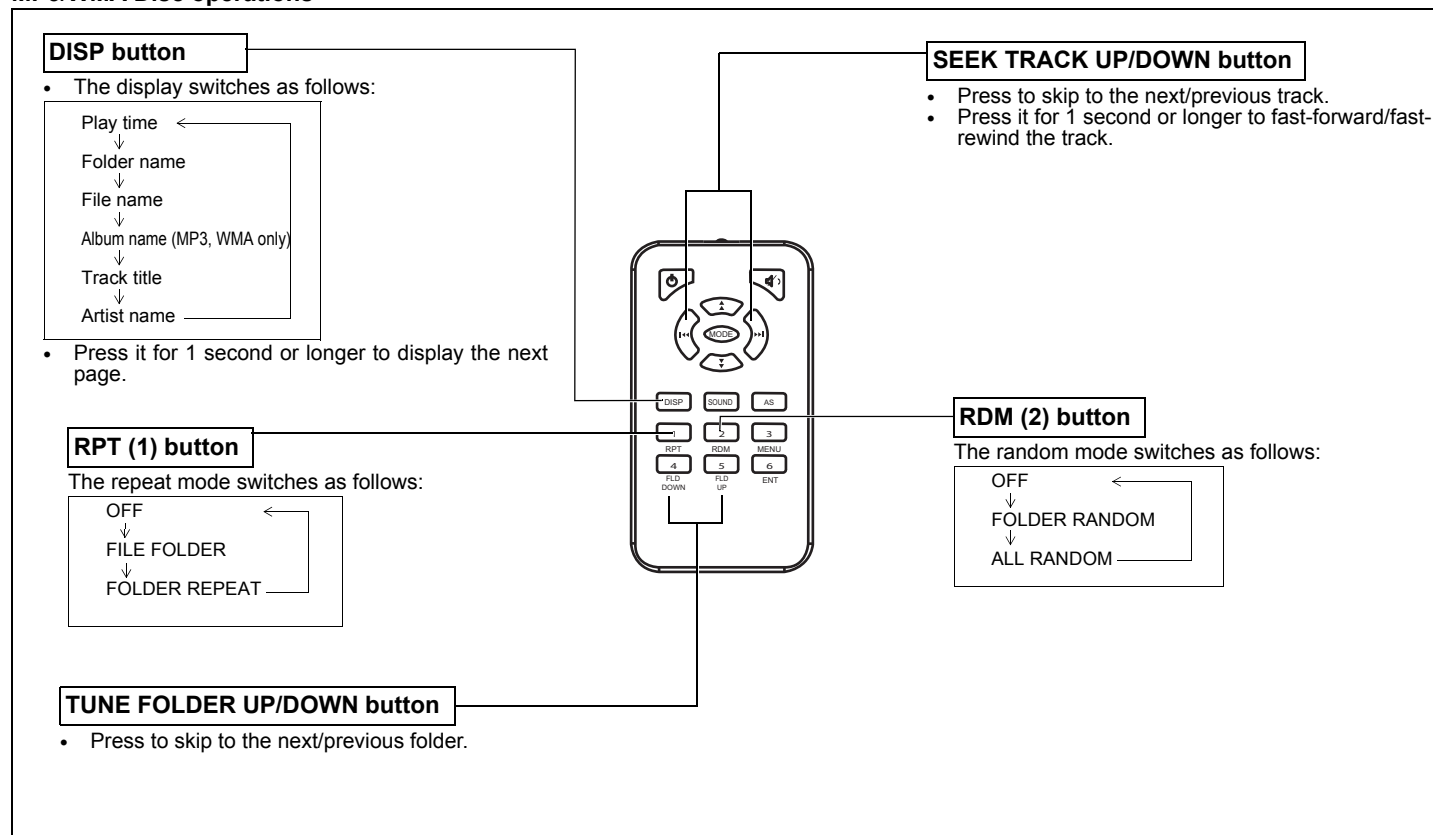
RDM (2) button

- Press to play the current track randomly. Press it again to cancel.



OTHER CONTROLS AND EQUIPMENT

MP3/WMA Disc operations



OTHER CONTROLS AND EQUIPMENT

USB operations

DISP button

- The display switches as follows:

Play time
 ↓
 Folder name
 ↓
 File name
 ↓
 Album name (MP3, WMA, AAC only)
 ↓
 Track title
 ↓
 Artist name

- Press it for 1 second or longer to display the next page.

RPT (1) button

The repeat mode switches as follows:

OFF
 ↓
 FILE REPEAT
 ↓
 FOLDER REPEAT

TUNE FOLDER UP/DOWN button

- Press to skip to the next/previous folder.

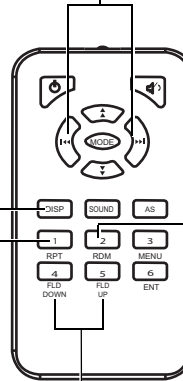
SEEK TRACK UP/DOWN button

- Press to skip to the next/previous file.
- Press it for 1 second or longer to fast-forward/fast-rewind the file.

RDM (2) button

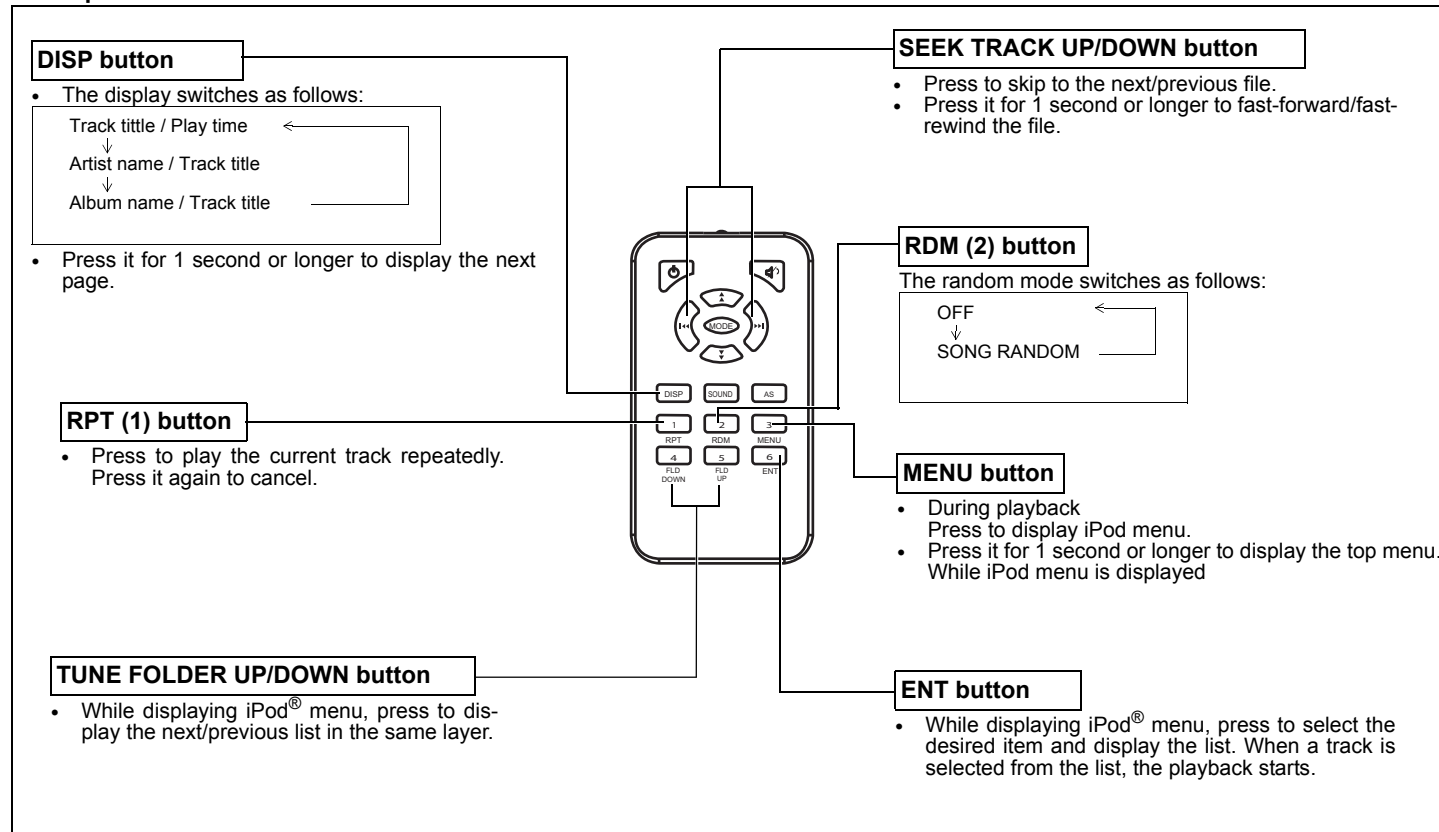
The random mode switches as follows:

OFF
 ↓
 FOLDER RANDOM
 ↓
 ALL RANDOM



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

High 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	CD Error - Data Error & Mount Error (due to scratch) - Unsupported UDF - Open Session Disc	Check the CD
ERROR 2	CD Error - Load Fail - Eject Fail	When the CD is in the unit, press the CD eject button to remove the disc. When the disc cannot be ejected, Press the CD eject for 4-5 seconds
NO MUSIC	There is no playable file on CD	Check the CD

USB/iPod®

ERROR 1	USB Mount Error - Unsupported File-System - Fail to read file - Fail to read folder	Check the connection of the USB device.
ERROR 2	USB device Error	Unplug the USB device and plug it again. Check the USB device.
ERROR 2 and random indicator "USB" is blinking	When MTP supported device (Smart phone) is connected via USB and if the device (Smart phone) is security locked.	Unlock the device (Smart phone)
NO MUSIC	There is no playable file on USB & I-pod	Check the USB device.

OTHER CONTROLS AND EQUIPMENT

Display	Possible cause	Possible solution
---------	----------------	-------------------

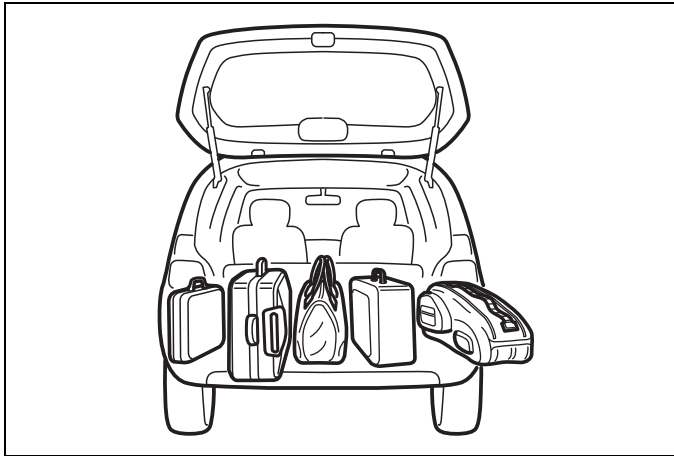
Bluetooth®

Connection Failed	Failed to establish pairing	Try to establish the pairing again.
NO MUSIC	There is no playable file on BT device	Check the BT device

VEHICLE LOADING AND TOWING

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).

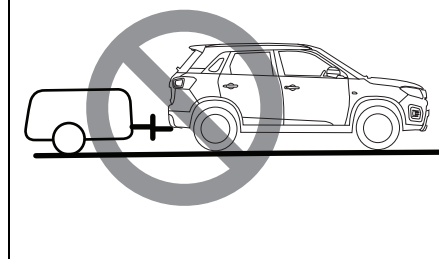
⚠ WARNING

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

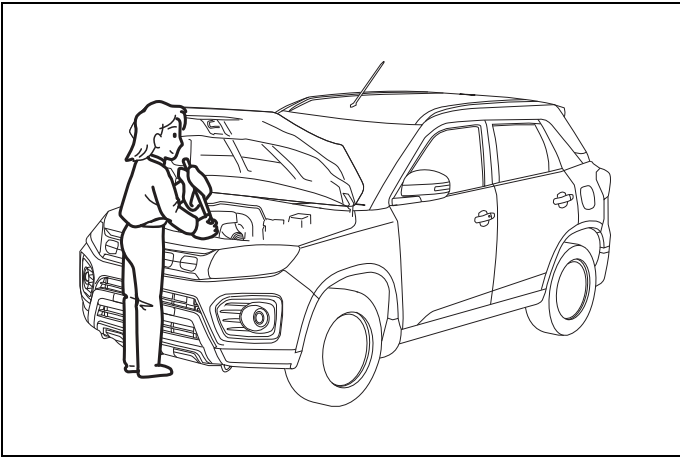
Your vehicle was originally designed to carry people and a normal amount of cargo, not to tow a trailer. MARUTI SUZUKI does not recommend that you use your vehicle to tow a trailer. Towing a trailer can adversely affect handling, durability, and fuel economy.

EXAMPLE



82PM06001

INSPECTION AND MAINTENANCE

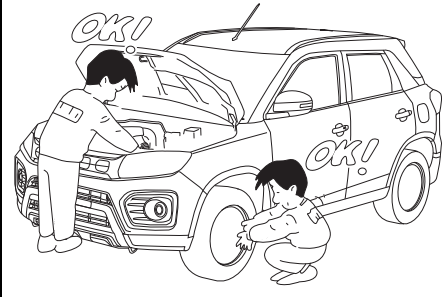


82PM07035

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INSPECTION AND MAINTENANCE

EXAMPLE



82PM03004

⚠ WARNING

You should take extreme care when working on your vehicle to prevent accidental injury. Here are a few precautions that you should be especially careful to observe:

(Continued)

⚠ WARNING

(Continued)

- To prevent damage or unintended activation of the air bag system or seat belt pretensioner 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 MARUTI SUZUKI vehicle. Do not touch air bag system components, seat belt 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.

(Continued)

⚠ WARNING

(Continued)

- When it is necessary to do service work with the engine running, make sure that the parking brake is set fully and the transaxle is in Neutral (for manual transaxle vehicles) or Park (for automatic transaxle vehicles).
- 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 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 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 Maruti Suzuki vehicle should be performed by 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.	Water pump drive belt (Tension, Wear) (Non-ISG)	–	–	I	I	I	I	I	I	I	R	
1-2.	ISG Belt (ISG)	–	–	I	I	R	I	I	R	I	I	
1-3.	Engine Coolant (Level, Leakage)	I	I	I	R	I	R	I	R	I	R	
1-4.	Engine oil, engine oil filter and drain plug gasket (Level, Leakage)	I	I	R	R	R	R	R	R	R	R	
1-5.	Cooling system hoses and connections (Leakage and Damage)	I	I	I	I	I	I	I	I	I	I	
1-6.	Engine Mounting & manifold fixing (Loose, Damage)	–	–	I	–	I	–	I	–	I	–	
1-7.	Valve Clearance	–	–	–	–	I	–	–	I	–	–	
1-8.	Exhaust System (Noise, Leakage etc.)	–	I	–	I	–	I	–	I	–	I	
1-9.	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 after every 5,000 KM. Replace after every 40,000 KM.									
		Dusty Condition	Clean after 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	

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
5-2.	Drive shaft boot (Boot damage)	–	I	I	I	I	I	I	I	I	I	I
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	I
6-3.	Parking brake lever and cable (Play, Damage)	I	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	I
6-5.	Brake drum and shoes (Wear)	–	–	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	I
6-7.	Master cylinder, wheel cylinder and caliper piston (Fluid leakage, Boot/Seal damage)	I	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	I&O
7-2.	Wheels (Damage)	I	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	I
FRONT / REAR SUSPENSION												
8-1.	Suspension strut (Oil leakage, Damage)	I	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	I
8-3.	Rear spring (Damage)	I	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	I
8-5.	All bolts and nuts (Loose)	–	T	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	I
9-2.	All rods and arms (Loose, Damage, Wear)	I	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	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
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.	AUX, USB and accessory socket (if equipped) (Operation)	–	I	I	I	I	I	I	I	I	I	
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.

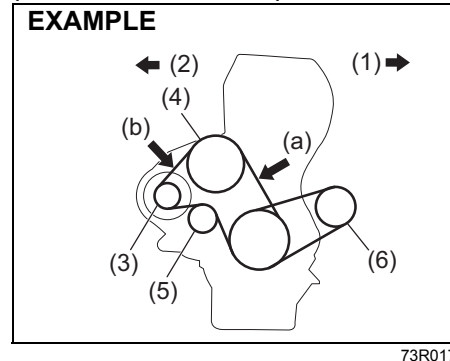
Check that the drive belt tension is correct while the engine is stopped. If the belt is too loose, insufficient battery charging, engine overheating, poor air conditioning, or excessive belt wear can result. When you push the belt with your thumb midpoint between the pulleys, there should be a deflection according to the following chart.

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.

The drive belts tension is adjusted automatically.

(For without ISG model)



- 1) Vehicle front
- 2) Vehicle rear
- 3) Generator
- 4) Water pump
- 5) Tensioner pulley
- 6) Air conditioner compressor

**Drive belt deflection
(100 N (10 kg, 22 lbs) press)**

(a) New:
4.8 - 5.9 mm (0.19 - 0.23 in.)
Readjustment:
7.2 - 8.2 mm (0.28 - 0.32 in.)

(b) New:
3.2 - 3.9 mm (0.12 - 0.15 in.)
Readjustment:
4.8 - 5.6 mm (0.19 - 0.22 in.)

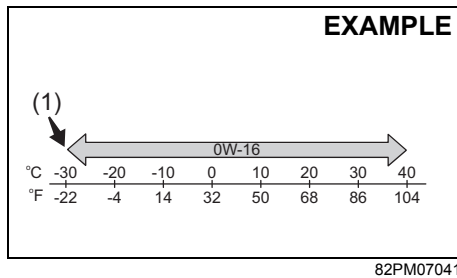
(For with ISG model)

The drive belts tension is adjusted automatically.

INSPECTION AND MAINTENANCE

Engine Oil and Filter

Specified Oil



(1) Recommended

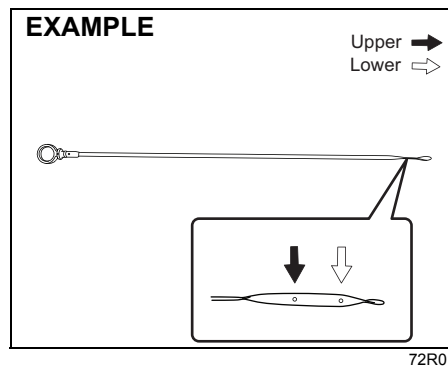
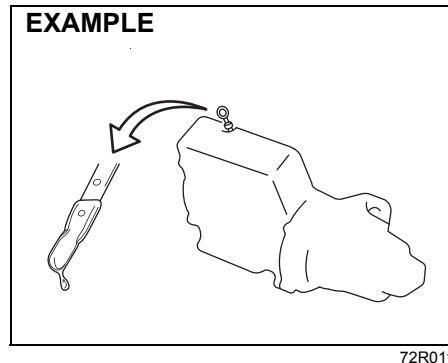
Check that the engine oil you use comes under the quality classification of SN. Select the appropriate oil viscosity according to the above chart.

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



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 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.

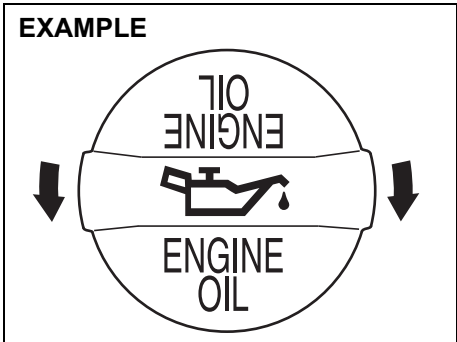
NOTICE

Failure to check the oil level regularly could lead to serious engine trouble due to insufficient oil.

INSPECTION AND MAINTENANCE

Refilling

EXAMPLE



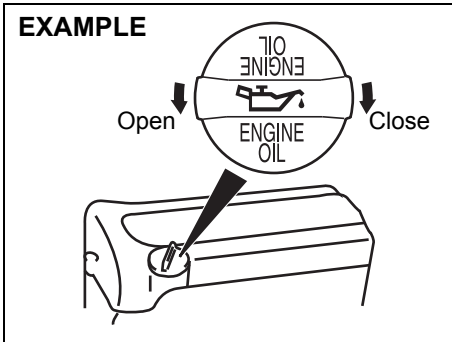
72SM06005

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.

EXAMPLE



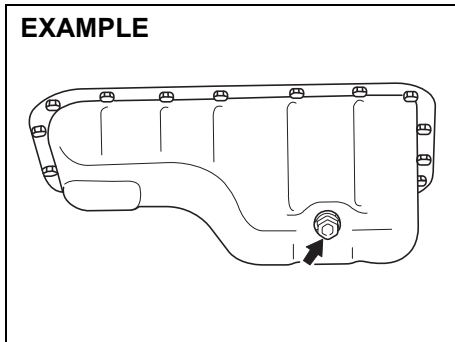
72SM06006

- 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.

EXAMPLE



68PH00705

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.

(Continued)

INSPECTION AND MAINTENANCE

WARNING

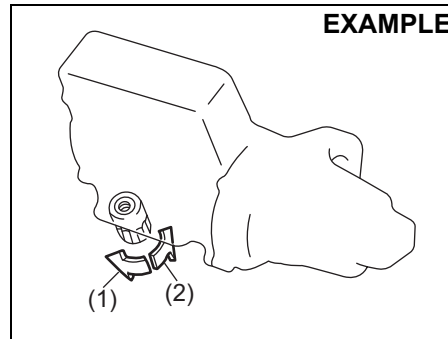
(Continued)

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 wet with oil. Recycle or properly dispose of used oil and filters.

- 4) Reinstall the drain plug with new gasket. Tighten the plug with a wrench to the specified torque.

Oil Filter Replacement

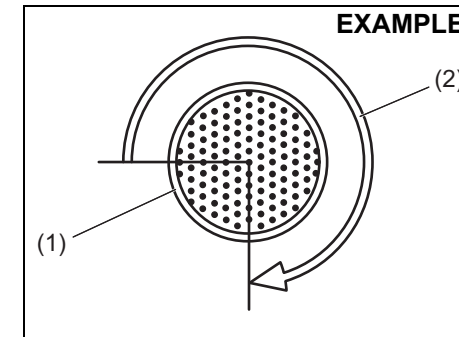
- 1) Using an oil filter wrench, turn the oil filter counterclockwise and remove it.
- 2) Using a clean rag, wipe off the mounting surface on the engine where the new filter will be seated.
- 3) Smear a small amount of engine oil around the rubber gasket of the new oil filter.
- 4) Screw the new filter by hand until the filter gasket contacts the mounting surface.



54G092

- (1) Loosen
- (2) Tighten

Tightening (viewed from filter top)



54G093

- (1) Oil filter
- (2) 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.

INSPECTION AND MAINTENANCE

- 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 SUZUKI genuine replacement filter. If you use an aftermarket filter, make sure it is of equivalent quality and follow the manufacturer's instructions.
- Oil leakage from the 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 best for your cooling system as it:

- Helps maintain proper engine temperature.
- Gives proper protection against freezing and boiling.
- 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.

INSPECTION AND MAINTENANCE

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.
- Check that the proper mix is 30/70 and in no case higher than 70/30. Concentrations greater than 70/30 coolant to distilled water will cause overheating conditions.
- 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

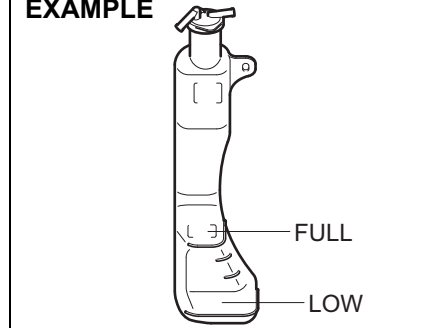
Swallowing engine coolant can cause severe injury or death. Inhaling coolant mist or vapors or getting coolant in your eyes could result in severe injury.

- Do not drink antifreeze or coolant solution. If swallowed, do not induce vomiting. Immediately contact a poison control center or a physician.
- 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.

EXAMPLE



73R0110

If the coolant level is below "LOW" mark, coolant should be added. While the engine is cool, remove the reservoir tank cap and add coolant until the reservoir tank level reaches "FULL" mark. Never fill the reservoir tank above "FULL" mark.

INSPECTION AND MAINTENANCE

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.

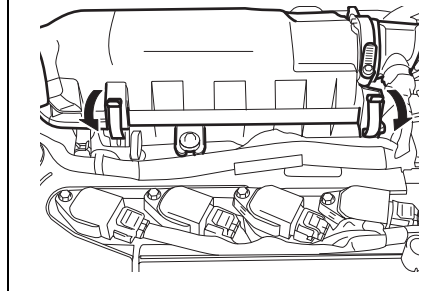
Coolant Replacement

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



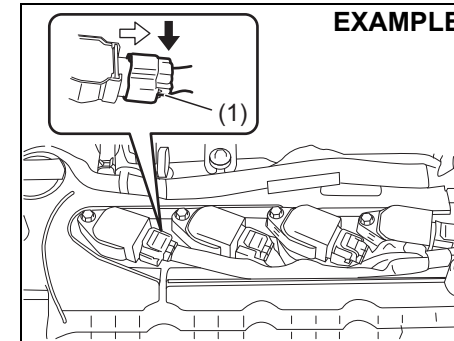
73R0112

- 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



73R0119

To access the spark plug:

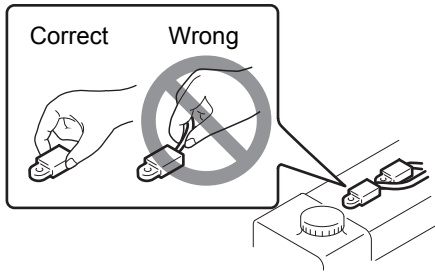
- 1) If necessary, disconnect the coupler (1) while pushing the release lever.
- 2) Remove the ignition coil bolts.
- 3) Pull the spark plug boots out.

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

EXAMPLE

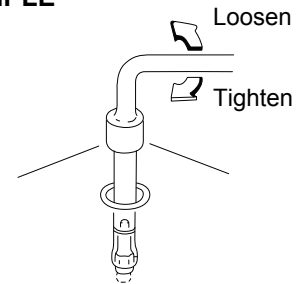


78K179

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.

EXAMPLE

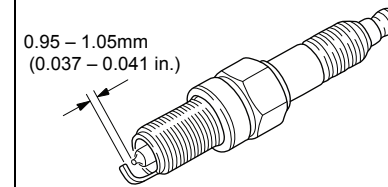


60G160S

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 kg-m, 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.

EXAMPLE



80G093

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 book.

INSPECTION AND MAINTENANCE

Gear Oil

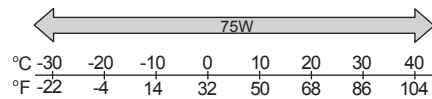
Specified Gear Oil

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 GEAR OIL 75W” for manual transaxle gear oil.

Manual transaxle oil

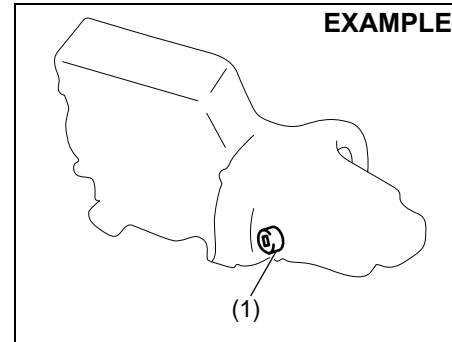
EXAMPLE



68LM728

Gear Oil Level Check

Manual Transaxle



60MH047

(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 transaxle oil temperature may be high enough to burn your skin. Wait until the oil filler plug is cool enough to touch with your bare hands before inspecting gear oil.

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

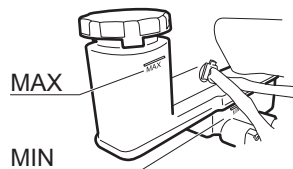
Since special procedures, materials and tools are required, ask a Maruti Suzuki authorised workshop for this job.

INSPECTION AND MAINTENANCE

Clutch Pedal

Fluid Control Clutch (if equipped)

EXAMPLE

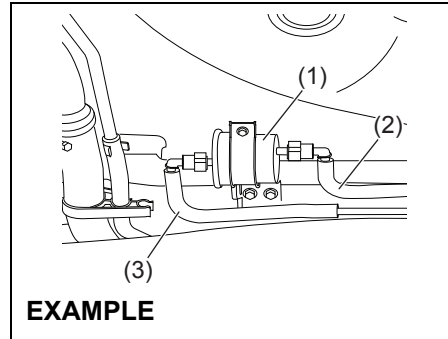


64MS141

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.



72R0124

- (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

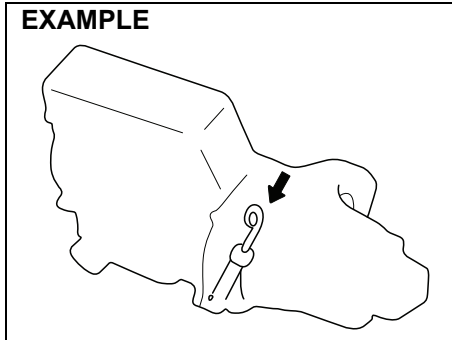
Be sure to use the specified automatic transaxle fluid. Using automatic transaxle fluid other than SUZUKI AT OIL AW-1 may damage the automatic transaxle of your vehicle.

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



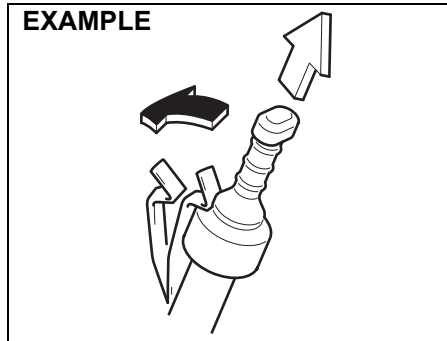
63J125

- 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

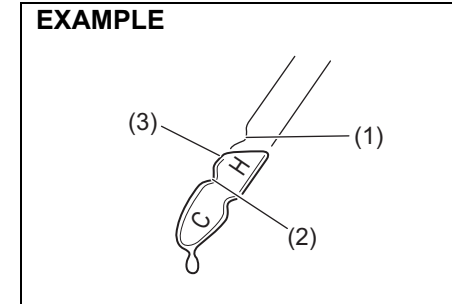


80J2071

- 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



73R0208

- (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

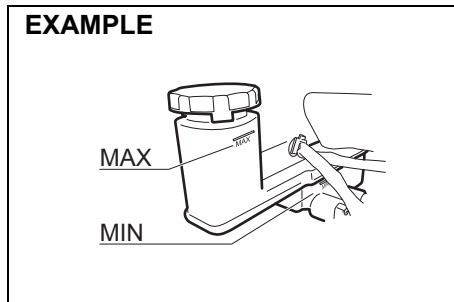
Since special procedures, materials, and tools are required to change the automatic transaxle oil, ask a Maruti Suzuki authorised workshop for this job.

INSPECTION AND MAINTENANCE

Brakes

Brake Fluid

EXAMPLE



64MS141

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 a leak 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:

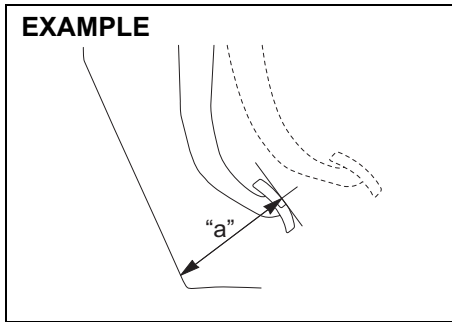
- The fluid level can be expected to gradually fall as the brake pads and/or shoe wear.
- Brake fluid absorbs water over time and brake fluid with high water content may cause vapor lock or brake system malfunction. Replace your brake fluid in accordance with the periodic maintenance schedule in this Owner's Manual.

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 a Maruti Suzuki authorised workshop. If you doubt the brake pedal for the regular height, check it as follows:

INSPECTION AND MAINTENANCE

EXAMPLE



54G108

Pedal to floor carpet minimum distance "a":
63 mm (2.48 in.)

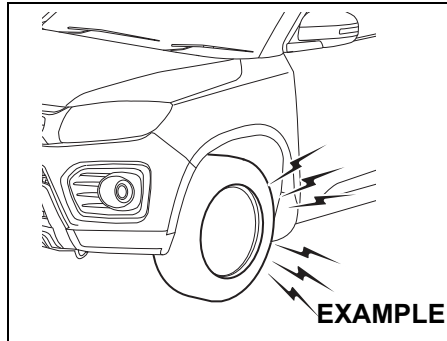
With the engine running, measure the distance between the brake pedal and floor carpet when the pedal is depressed with approximately 30 kg (66 lbs) of force. The minimum distance required is as specified. Since your vehicle's brake system is self-adjusting, there is no need for pedal adjustment.

If the pedal to floor carpet distance as measured above is less than the minimum distance required, have your vehicle inspected by a 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.



82PM07031

EXAMPLE

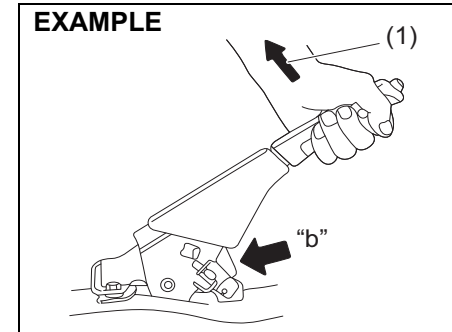
⚠ WARNING

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**
- **Pedal pulsation (pedal pulsates when depressed.)**

Parking Brake

EXAMPLE



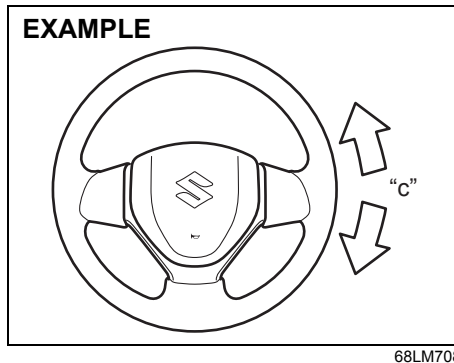
54G109

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.

INSPECTION AND MAINTENANCE

Steering

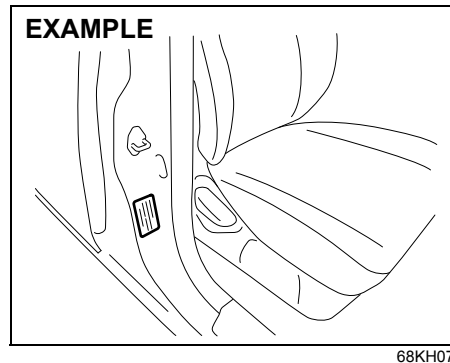


Steering wheel play "c":
0 – 30 mm (0.0 – 1.2 in.)

Check the play of the steering wheel by gently turning it from left to right and measuring the distance that it 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 outside the specification or you find anything else to be wrong, an inspection must be performed by a Maruti Suzuki authorised workshop.

Tires



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.

Note that the value does not apply to the spare tire, if equipped.

Tire Inspection

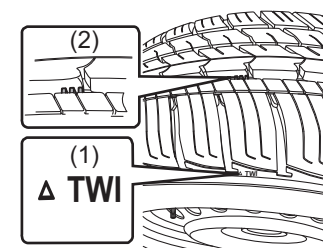
Inspect your vehicle's tires at least once a month by performing the following checks:

- 1) Measure the air 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.
Over inflation can cause the tire to burst, resulting in personal injury. Over inflation can also cause unusual handling characteristics which may result in an accident.

EXAMPLE



INSPECTION AND MAINTENANCE

- (1) Tread wear indicator
- (2) Indicator location mark

- 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 (Except spare tire which may be dependent on vehicle variant). 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.

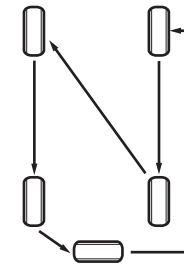
NOTICE

Replacing the original tires with tires of a different size may result in false speedometer or odometer readings. Check with your Maruti Suzuki authorised workshop before purchasing replacement tires that differ in size from the original tires.

Tire Rotation

5-tire rotation

EXAMPLE



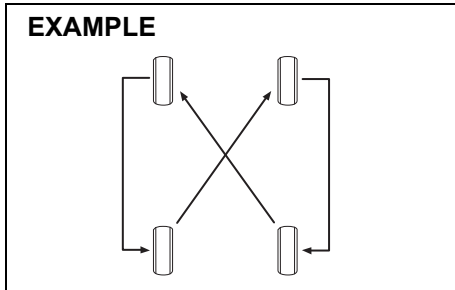
80JK040

If your vehicle is equipped with a spare tire which is a different wheel type than the wheels on the vehicle, you must use a 4-tire rotation as shown in the example below.

INSPECTION AND MAINTENANCE

4-tire rotation

EXAMPLE



54G114

To avoid uneven wear of your tires and to prolong their life, rotate the tires as illustrated. Tires should be rotated every 10000 km. 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

The vehicle is equipped with Tubeless Tyres. 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.

Temporary Spare Tire (if equipped)

Your vehicle comes equipped with the temporary spare tire. It is only intended for temporary emergency use, until the conventional tire can be repaired or replaced. The inflation pressure of the temporary spare tire should be checked at least monthly. At the same time, check that the tire is stored securely. If it is not, tighten it.

Note that two or more temporary spare tires should not be used on one vehicle simultaneously.

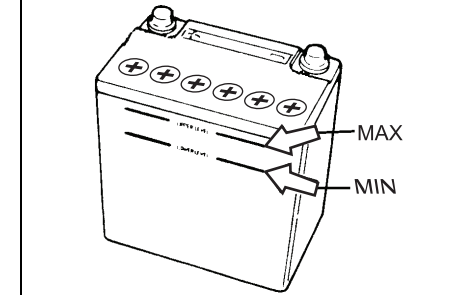
⚠ WARNING

The temporary spare tire and wheel are intended for temporary emergency use only. Continuous use of this spare can result in tire failure and loss of control. Always observe these precautions when using this spare:

- Your vehicle will handle differently with this temporary spare.
- Do not exceed 120 km/h speed (only vehicle with 215/60R16 95H tire).
- Replace this spare with a standard tire and wheel as soon as possible.
- Use of this spare may reduce ground clearance.
- Set the specified tire pressure indicated on the tire information label located on the driver's door lock pillar.
- Do not use tire chains on the temporary spare. If you must use tire chains, rearrange the wheels so standard tires and wheels are fitted to the front axle.
- The temporary spare tire may have shorter tread life than the conventional tires on your vehicle. Replace the tire as soon as the tread wear indicator appears.
- When replacing the temporary spare tire, use a replacement tire with the exact same size and construction.

Lead-acid Battery**⚠ WARNING**

- Batteries produce flammable hydrogen gas. Keep flames and sparks away from the battery or an explosion may occur. Never smoke when working in the vicinity of the battery.
- When checking or servicing the battery, disconnect the negative cable. Be careful not to cause a short circuit by allowing metal objects to contact the battery posts and the vehicle at the same time.
- To avoid harm to yourself or damage to your vehicle or 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 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 batteries out of the reach of children.

EXAMPLE

54GM701

For maintenance-free battery (cap-less type), you need not add water. For traditional type battery, which has water filler caps, the level of the battery fluid must be kept between the "MAX" and the "MIN" level lines at all times. You should periodically check the battery, battery terminals, and 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 battery to help prevent discharge.

INSPECTION AND MAINTENANCE

⚠ WARNING

If the battery is used with battery level being less than the lower level line "MIN", it may cause reduced battery life, an exothermic heat, or an explosion by hydrogen gas occurring from the battery. Do not use the battery with battery level being less than the lower level line "MIN".

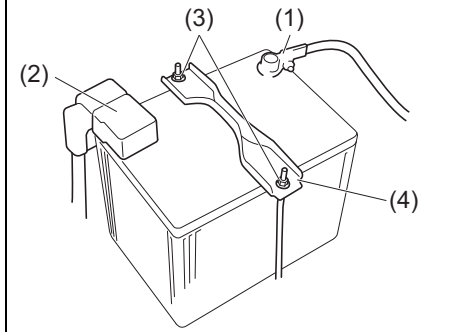
NOTICE

If the battery liquid is added more than the upper level line "MAX", liquid may leak by vibrations during driving or liquid may spray out in some case depending on the condition of battery charging. These may cause damage to the parts near the battery. If the battery liquid over-spills, immediately wash away with water. Do not add the battery liquid more than the upper level line "MAX".

NOTE:

The battery liquid is consumed when the battery is used. If the level is found to be less than the center of upper level "MAX" and lower level "MIN", add distilled water till it reaches the upper level line "MAX".

EXAMPLE



68PH00720

To remove the 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 battery.

To install the battery:

- 1) Install the battery in the reverse order of removal.
- 2) Tighten the bracket bolt, retainer nuts and battery cables securely.

NOTE:

- When the battery is disconnected, some of the vehicle's functions will be initialized and/or deactivated. These functions are required to be reset after the battery is reconnected.
- Do not disconnect the 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

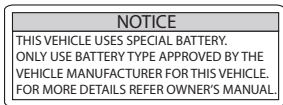
Batteries contain toxic substances including sulfuric acid and lead. They could have potential negative consequences for the environment and human health. Used batteries must be disposed of or recycled according to applicable rules or regulations and must not be disposed of with ordinary household trash. Make sure not to tip over the battery when you remove it from the vehicle. Otherwise, sulfuric acid could run out and you might get injury.

INSPECTION AND MAINTENANCE

NOTICE

Do not use regular battery in ISG Vehicle. Use only Exide Conservo N55 battery, else it may deteriorate Smart Hybrid performance.

EXAMPLE



72RM06005

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 battery.

Primary fuses

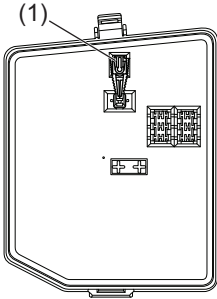
These fuses are between the main fuse and individual fuses, and are for electrical load groups.

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.

EXAMPLE



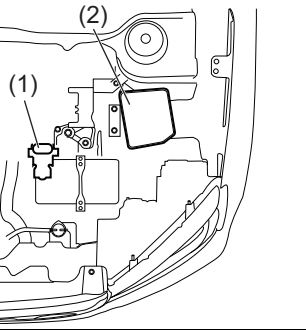
82PM07028

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

EXAMPLE

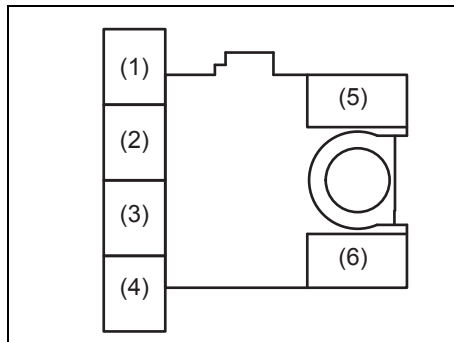


82PM07043

- (1) Main fuse box
- (2) Relay box

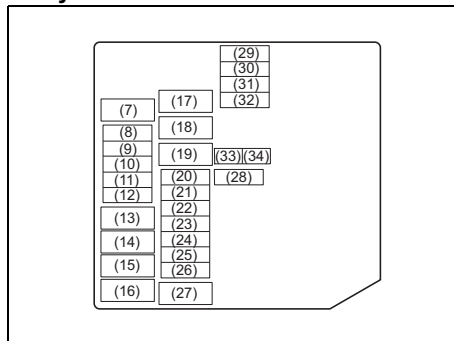
INSPECTION AND MAINTENANCE

Main fuse box



61MM0B068

Relay box



82PH065

MAIN FUSE/PRIMARY FUSE/ INDIVIDUAL FUSE

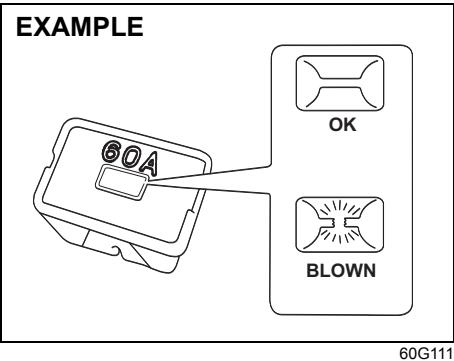
(1)	50 A	FL5
-----	------	-----

(2)	100 A	FL4
(3)	80 A	FL3
(4)	100 A	FL2
(5)	–	Blank (Non-ISG)
	200 A	FL6 (ISG)
(6)	120 A	FL1 (Non-ISG)
	–	Blank (ISG)
(7)	50 A	IGN2 (ignition switch-2)
(8)	10 A	A-STOP (auto-stop)
(9)	15 A	T/M (auto transaxle)
(10)	30 A	SUB BAT (sub battery)
(11)	10 A	CPRSR (A/C compressor)
(12)	15A	FI (fuel injection)
(13)	–	Blank
(14)	–	Blank
(15)	30 A	RDTR (radiator fan)
(16)	–	Blank
(17)	30 A	BLW (blower fan)
(18)	30 A	ST (starting signal)
(19)	40 A	ABS1 (ABS motor)
(20)	30 A	B/U (battery backup)
(21)	10 A	STOP (stop light)
(22)	15 A	H/L LO L (headlight low left)

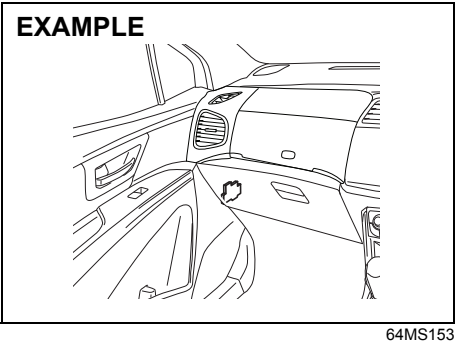
(23)	25 A	ABS2 (ABS control module)
(24)	15 A	H/L LO R (headlight low right)
(25)	10 A	FR FOG (front fog)
(26)	25 A	H/L HI (headlight high)
(27)	40 A	IGN (ignition switch)
(28)	7.5 A	ST SIG 2 (starting signal-2)
(29)	15 A	H/L HI L (headlight high left)
(30)	15 A	H/L HI R (headlight high right)
(31)	15 A	IG COIL 2 (ignition coil-2)
(32)	10 A	MTR 2 (meter-2)
(33)	–	Blank
(34)	5 A	Spare

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.

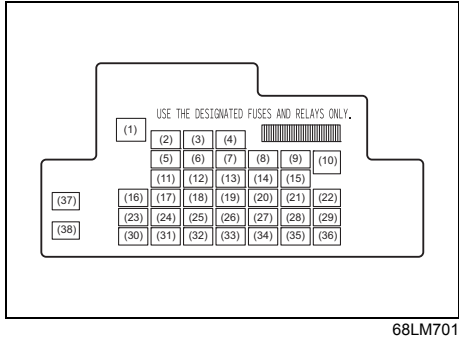
To remove a fuse, use the fuse puller provided in the back of relay box cover. The amperage of each fuse is shown in the back of the relay box cover.



Fuses under the Dash Board



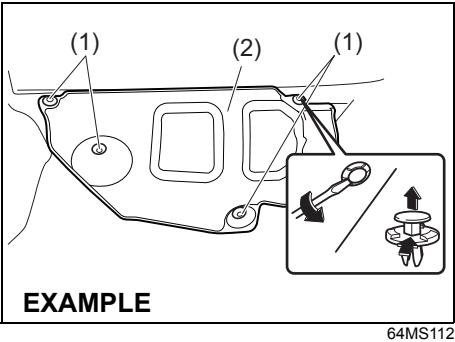
Type A



⚠ WARNING

If the main fuse or a primary fuse blows, be sure to 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.



NOTE:
To approach the fuses, remove the clips (1) by prying it off with a flat blade screw-driver as shown in the illustration, then remove the cover (2).

PRIMARY FUSE/INDIVIDUAL FUSE		
(1)	–	Blank
(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 (daytime running light)
(7)	10 A	MRR HTR (heated mirror*)
(8)	7.5 A	ST SIG (starting signal)
(9)	15 A	ACC2 (accessory-2)

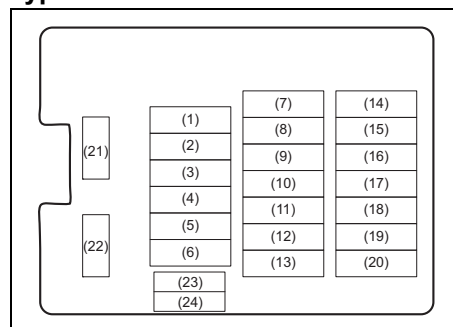
INSPECTION AND MAINTENANCE

(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 (backup light)
(21)	15 A	WIP (wiper washer)
(22)	30 A	FR WIP (front wiper)
(23)	10 A	DOME (DOME light)
(24)	5 A	GW (or) CONT (controller gateway)
(25)	—	Blank
(26)	—	Blank
(27)	7.5 A	IG1 SIG (Ignition-1 signal)
(28)	15 A	RADIO 2
(29)	10 A	ACC 3 (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*)
(37)	15 A	T/M 2 (auto transaxle-2)
(38)	15 A	FI2 (fuel injection-2)

* Feature not available in the vehicle

Type B



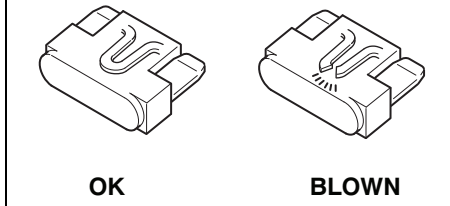
82PM07033

PRIMARY FUSE/INDIVIDUAL FUSE		
(1)	15 A	Radio 2
(2)	15 A	ACC (accessory)
(3)	15 A	ACC2 (accessory-2)
(4)	20 A	RR DEF (rear defogger)
(5)	15 A	HORN
(6)	10 A	TAIL (tail light)
(7)	7.5 A	ST SIG (starting signal)
(8)	20 A	P/W T (power window timer)
(9)	10 A	HAZ (hazard warning light)
(10)	20 A	D/L (door lock)
(11)	7.5 A	IG2 SIG (ignition-2 signal)
(12)	15 A	WIP (wiper washer)
(13)	30 A	FR WIP (front wiper)
(14)	10 A	DOME (DOME light)
(15)	5 A	GW (or) CONT (controller gateway)
(16)	10 A	ABS (ABS control module)
(17)	7.5 A	IG1 SIG (ignition-1 signal)

INSPECTION AND MAINTENANCE

(18)	10 A	A/B (air bag)
(19)	10 A	BACK (Backup light)
(20)	10 A	MTR (meter)
(21)	–	Blank
(22)	30A	P/W (power window)
(23)	15 A	RADIO (Non-ISG)
		T/M2 (auto transaxle-2) (ISG)
(24)	15 A	IG COIL (ignition coil) (Non-ISG)
		FI2 (fuel injection-2) (ISG)

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.

Headlight Aiming

Since special procedures are required, we recommend you take your vehicle to your 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.

INSPECTION AND MAINTENANCE

NOTICE

- Frequent bulb replacement indicates the need for an inspection of the electrical system. This should be carried out by a Maruti Suzuki authorised workshop.
- During bulb replacement, always use same bulb number as used in the vehicle

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.

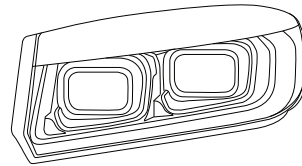
The mist would get cleared when the environmental condition change to sunny or when headlamp is kept on. However if there is water leakage inside the lamp, contact your authorised Maruti Suzuki workshop.

Headlights

LED headlights

Since special procedures are required, we recommend you take your vehicle to your Maruti Suzuki authorised workshop for lamp replacement.

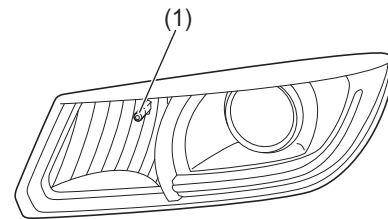
EXAMPLE



82PM07044

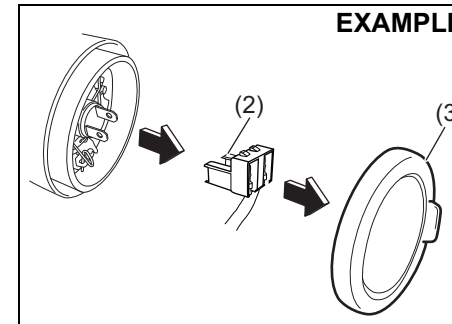
Halogen headlights High beam (1)

EXAMPLE



82PH068

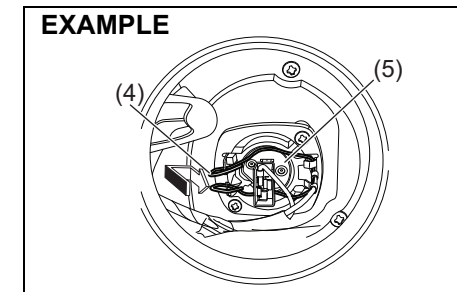
EXAMPLE



82PM07006

- 1) Open the engine hood. Remove the sealing rubber (3) and disconnect the coupler (2).

EXAMPLE



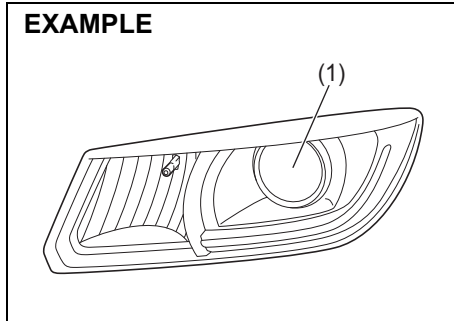
82PM07009

- 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.

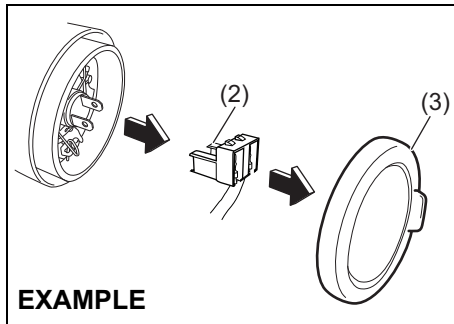
INSPECTION AND MAINTENANCE

Low beam (1)

EXAMPLE



82PH068

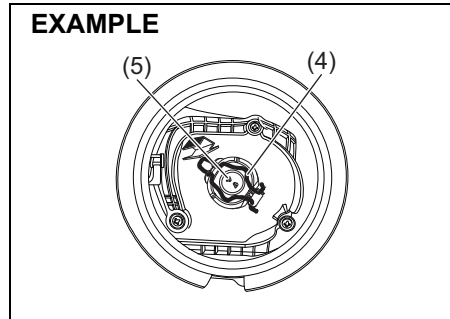


EXAMPLE

82PM07006

- 1) Open the engine hood. Remove the sealing rubber (3) and disconnect the coupler (2).

EXAMPLE



82PM07007

- 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.

Side Turn Signal Light

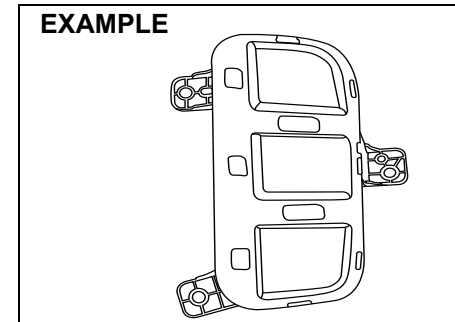
LED is used. It is recommended that you take your vehicle to a Maruti Suzuki authorised workshop for lamp replacement.

Front Position Light

LED is used. It is recommended that you take your vehicle to a Maruti Suzuki authorised workshop for lamp replacement.

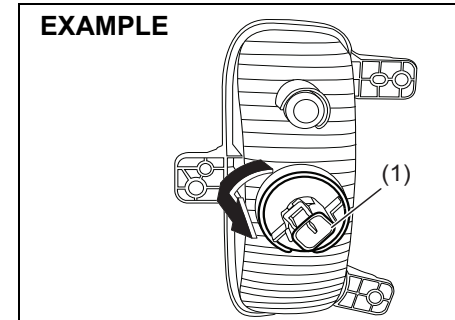
Front Turn Signal Light (if equipped)

EXAMPLE



82PM07010

EXAMPLE

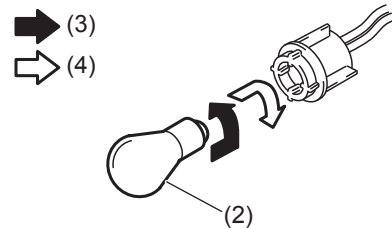


82PM07011

- 1) Open the engine hood and disconnect the connector. To remove the bulb holder of the front turn signal light (1) from the light housing, turn the holder counterclockwise and pull it out.

INSPECTION AND MAINTENANCE

EXAMPLE



82PM07012

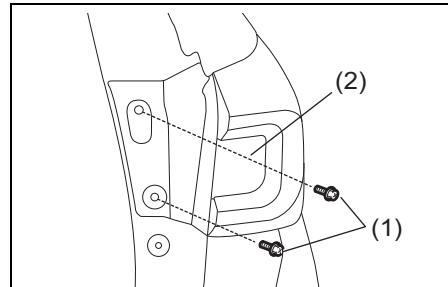
- (3) Removal
- (4) Install

- 2) To remove the bulb of the front turn signal light (2) from the bulb holder, push in the bulb and turn it counterclockwise. To install a new bulb, push it in and turn it clockwise.

Front Fog Light (if equipped)

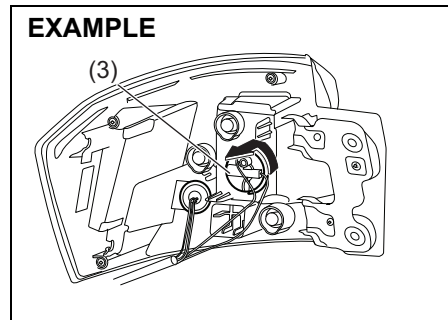
LED is used. It is recommended that you take your vehicle to a Maruti Suzuki authorised workshop for front fog light replacement.

Rear Combination Light



82PM07014

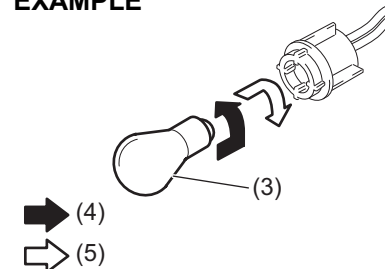
- 1) Remove the bolts (1) and pull the light housing (2) straight.



82PM07015

- 2) To remove the bulb holder of the turn signal light (3) from the light housing, turn the holder counterclockwise and pull it out.

EXAMPLE

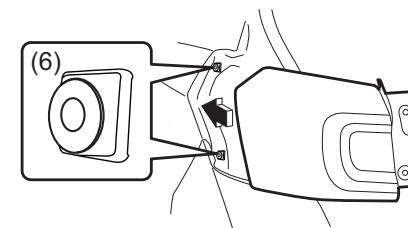


82PM07016

- (4) Removal
- (5) Install

- 3) To remove the bulb of the turn signal light (3) from bulb holder, push the bulb and turn it counterclockwise. To install a new bulb, push it in and turn it clockwise.

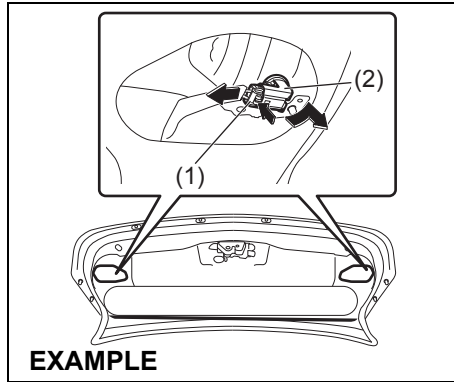
EXAMPLE



82PM07017

NOTE:

When reinstalling the light housing, make sure the clips (6) are properly attached.

Reversing Light

82PM07018

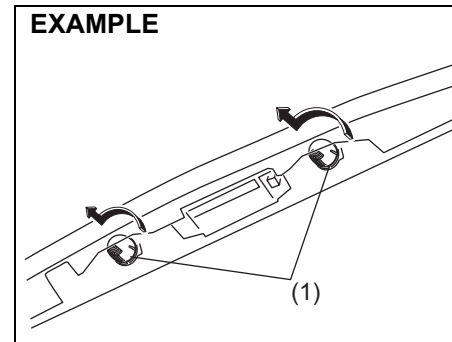
Open the trunk lid and remove the back door trim. Disconnect the coupler (1) by pushing the lock release. Turn the bulb holder (2) counterclockwise and remove it. Pull the bulb to remove. To install a new bulb, push it in and turn the bulb holder in clockwise.

Brake / Tail Light

LED is used. It is recommended that you take your vehicle to a Maruti Suzuki authorised workshop for lamp replacement.

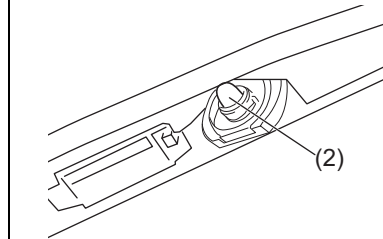
Rear Position Light -Back Door

LED is used. It is recommended that you take your vehicle to a Maruti Suzuki authorised workshop for lamp replacement.

License Plate Light

68PH00742

1) Turn the lens (1) counterclockwise to remove it.

EXAMPLE

68PH00743

2) To remove and install the bulb of the license plate light (2), simply pull out or push in the bulb.

Daytime Running Light (DRL) (if equipped)

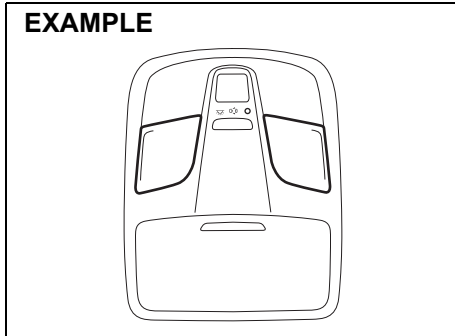
LED is used. It is recommended that you take your vehicle to a Maruti Suzuki authorised workshop for DRL replacement.

INSPECTION AND MAINTENANCE

Interior Light

Front (if equipped)

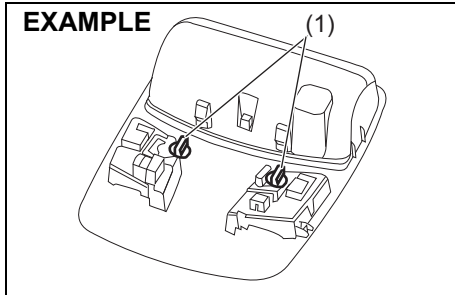
EXAMPLE



82PM07020

- 1) Open the stowing box and remove the bolt. Pull out the spot light assembly from the front dome while releasing the locks.
- 2) Disconnect the connector from the spot light.

EXAMPLE

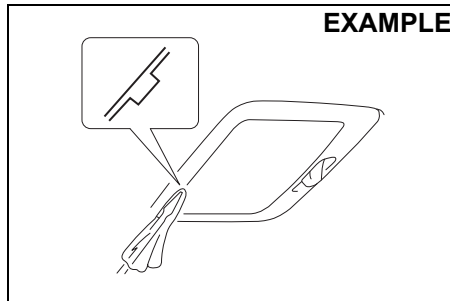


82PM07021

- 3) Rotate and remove the spot light bulb (1) from the socket. Install a new bulb in the reverse order of removal.

Rear

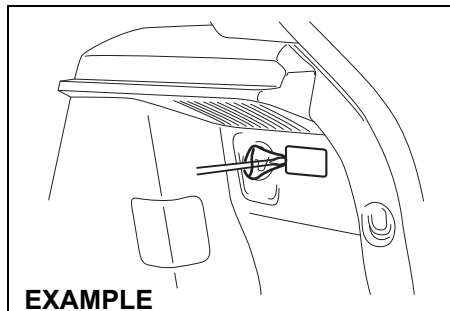
EXAMPLE



56RM07011

Remove the lens by using a flat blade screwdriver covered with a soft cloth as shown. To install it, simply push it back in.

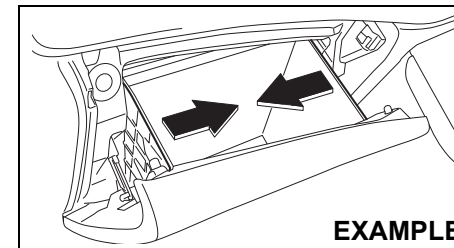
Luggage compartment (if equipped)



61MM0B072

Glove Box Light (if equipped)

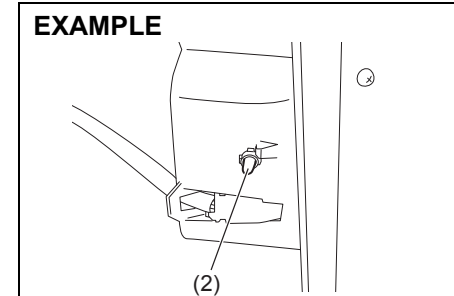
Since special procedures are required, we recommend you take your vehicle to your Maruti Suzuki authorised workshop for bulb replacement.



61M0108

- 1) Press inward on both side of the glove box to unclamp it.

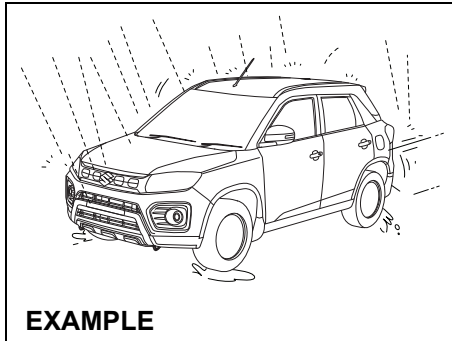
EXAMPLE



64MS096

- 2) To remove and install the bulb of the glove box light (2), simply pull out or push in the bulb.

Wiper Blades



82PM07032

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

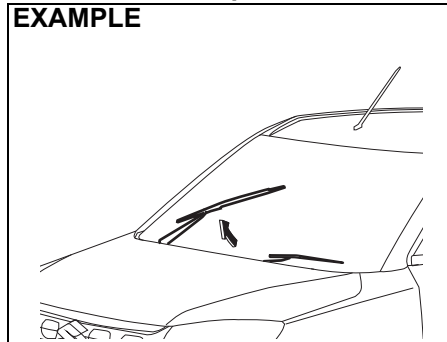
To avoid scratching or breaking the window, do not let the wiper arm strike the window while replacing the wiper blade.

NOTE:

Some wiper blades may be different from the ones described here depending on vehicle specifications. If so, consult your Maruti Suzuki authorised workshop for proper replacement method.

For windshield wipers:

EXAMPLE



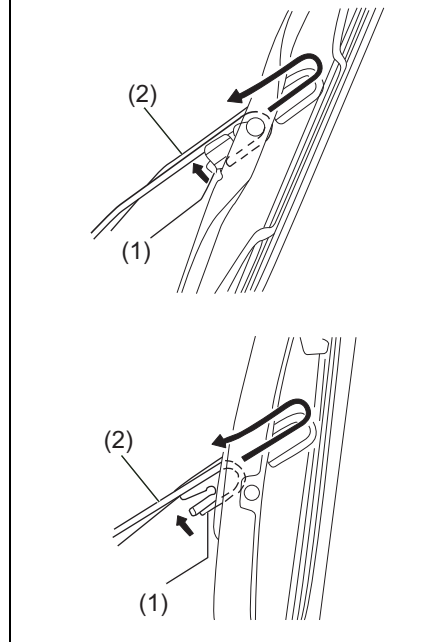
82PM07034

- 1) Hold the wiper arm away from the window.

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.

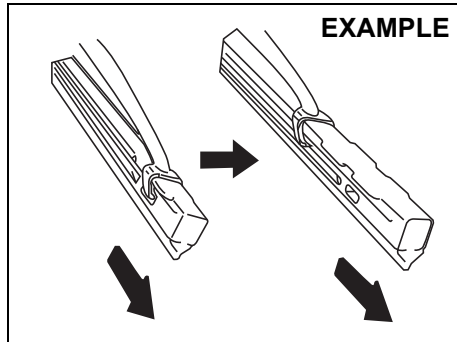
EXAMPLE



- 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.

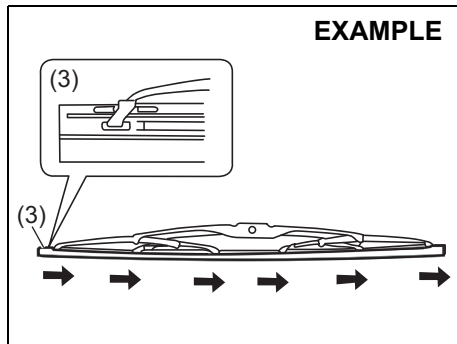
INSPECTION AND MAINTENANCE

Removal



68PH00751

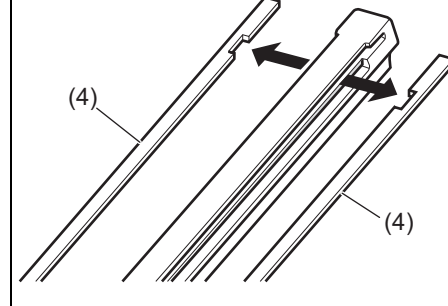
Installation



68PH00752

(3) Locked end

EXAMPLE

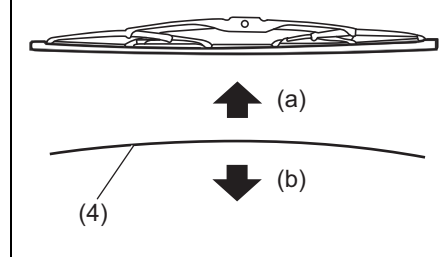


68PH00754

(4) Retainer

4) If the new blade is provided without the two metal retainers (4), move them from the old blade to the new one.

EXAMPLE



60MH072

(a) Up
(b) Down

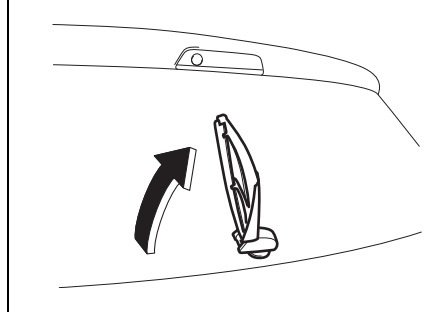
NOTE:

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. Check that the blade is properly retained by all the hooks. Lock the blade end into place.
- 6) Reinstall wiper frame to arm, checking that the lock lever is snapped securely into the arm.

For rear wipers:

EXAMPLE

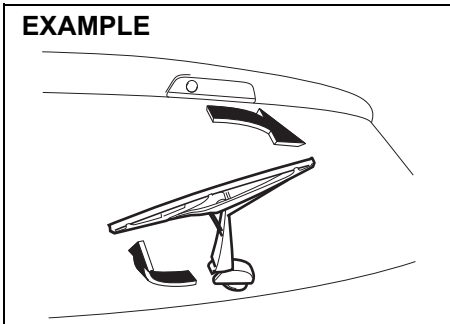


82PM07038

- 1) Hold the wiper arm away from the window.

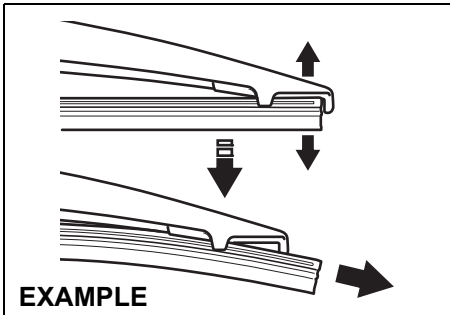
INSPECTION AND MAINTENANCE

EXAMPLE



82PM07039

- 2) Remove the wiper frame from the wiper arm after rotating the wiper frame clockwise.



EXAMPLE

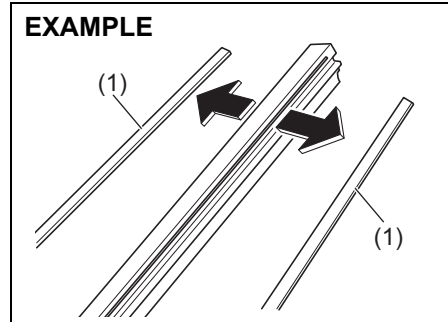
55RM07020

- 3) Slide the blade out as shown.

NOTE:

Do not flex the wiper blade frame end more than necessary. If you do, it can break off.

EXAMPLE



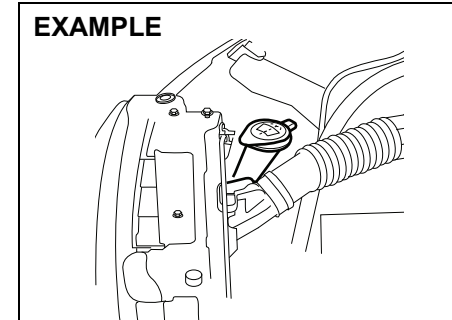
55RM07021

- (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

EXAMPLE



82PM07036

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 in the windshield washer reservoir. This can severely impair visibility when sprayed on the windshield, and can also damage your vehicle's paint.

NOTICE

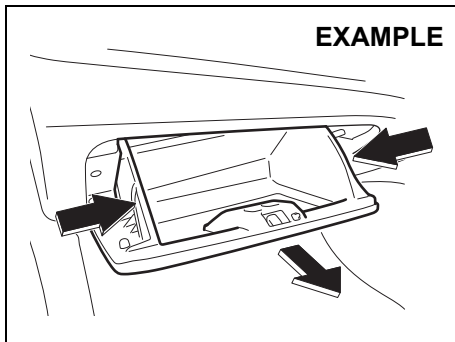
Damage may result if the washer motor is operated with no fluid in the washer tank.

INSPECTION AND MAINTENANCE

Air Conditioning System

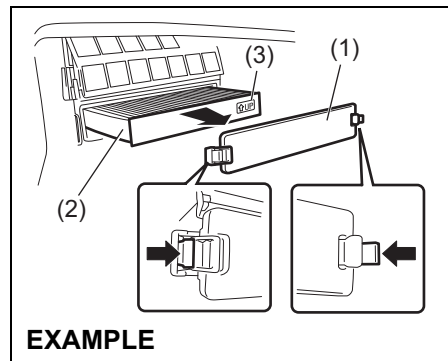
If you do not use the air conditioner for a long period, such as during winter, it may not give the best performance when you start using it again. To help maintain optimum performance and durability of your air conditioner, it needs to be run periodically. Operate the air conditioner at least once a 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)



68PH00757

- 1) To approach the air conditioner filter, press inward on both sides of the glove box, pull it frontward and remove it.



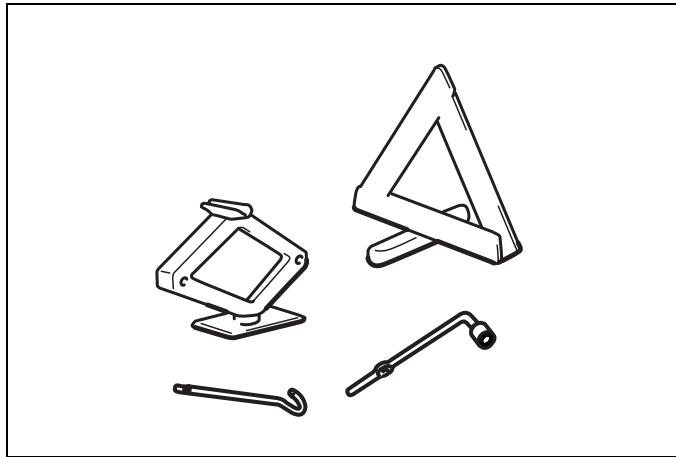
68PH00758

- 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



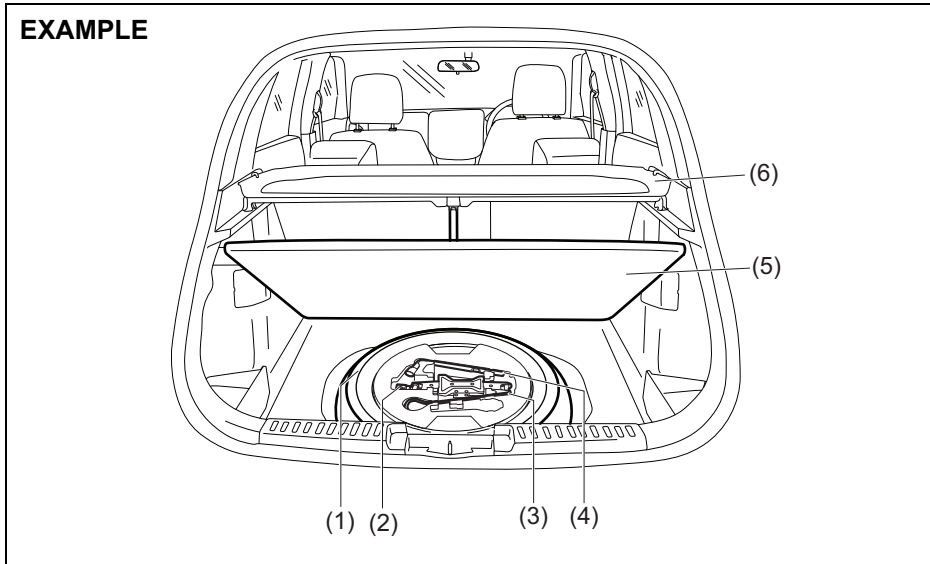
60G411A

Tire Changing Tool	8-1
Jacking Instructions	8-2
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



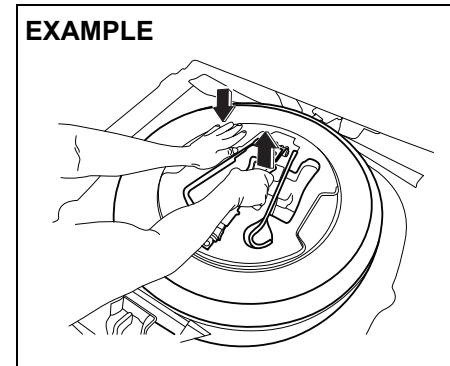
82PM08001

- (1) Spare tire
- (2) Jack
- (3) Jack handle
- (4) Wheel Brace
- (5) Luggage Compartment Board
- (6) Luggage Compartment Tray (if equipped)

The tire changing tools are stowed in the luggage compartment below the luggage compartment board.

Pull the thread of the luggage compartment board upwards. It can be held open as shown in the above illustration, if the vehicle is equipped with luggage compartment board.

EXAMPLE



82PM08005

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

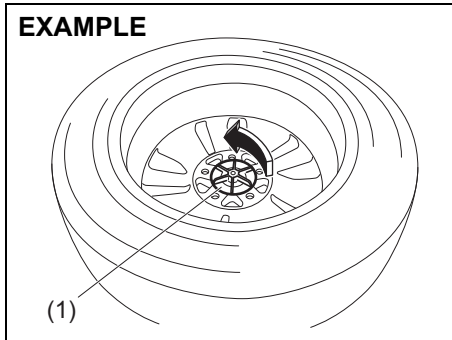
After using the tire changing tools, be sure to stow them securely or they can cause injury if an accident occurs.

⚠ 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

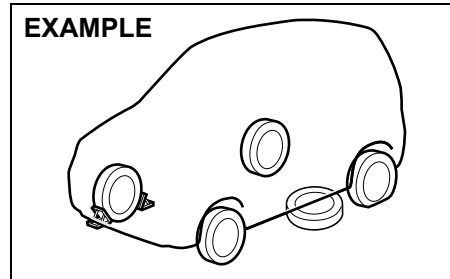
To remove the spare tire, turn its holder bolt (1) counterclockwise and remove it. While replacing alloy wheel make sure to remove the wheel cap before keeping the tire in the trunk.

NOTICE

Be sure that spare tire does not move after tightening the holder bolt

Jacking Instructions

EXAMPLE



52KM119

- 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.

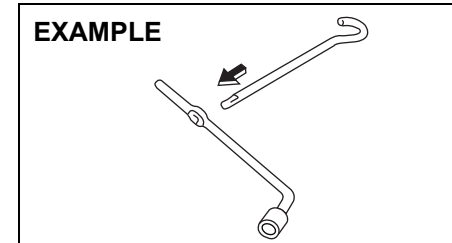
⚠ WARNING

- 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.

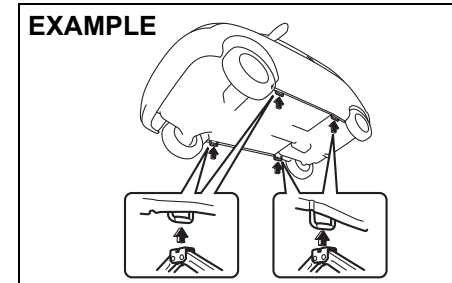
- 4) Block the front and rear of the wheel diagonally opposite of the wheel being lifted.
- 5) Place the spare wheel near the wheel being lifted as shown in the illustration in case that the jack slips.

EXAMPLE



66RM08006

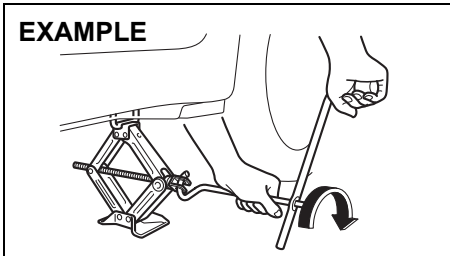
EXAMPLE



63J100

EMERGENCY SERVICE

EXAMPLE



63J101

- 6) Position the jack vertically 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

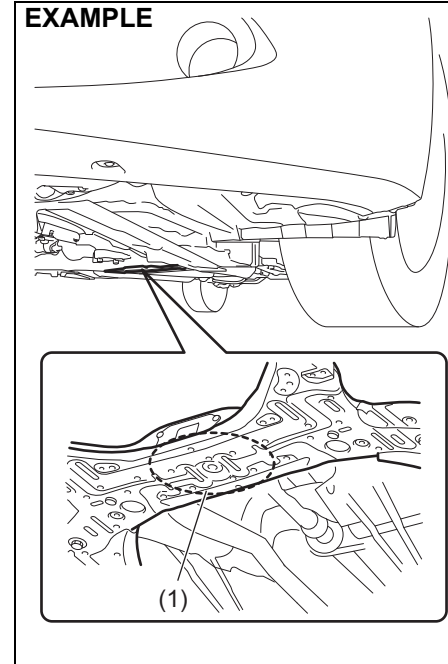
- Use the jack only to change wheels on level, hard ground.
- Never jack up the vehicle on an inclined surface.
- Never raise the vehicle with the jack in a location other than the specified jacking point (shown in the illustration) near the wheel to be changed.
- Make sure that the jack is raised at least 51 mm (2 inches) before it contacts the flange. Use of the jack when it is within 51 mm (2 inches) of being fully collapsed may result in failure of the jack.
- Never get under the vehicle when it is supported by the 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)

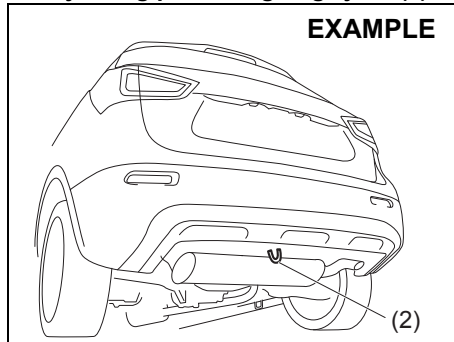
EXAMPLE



82PM08003

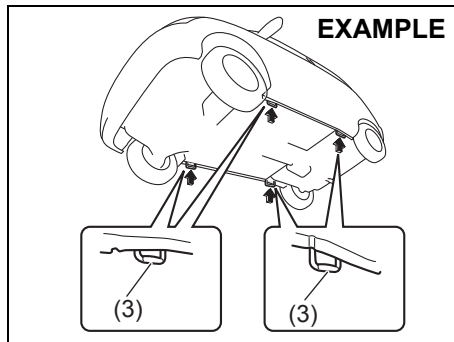
EMERGENCY SERVICE

Rear jacking point for garage jack (2)



64MS140

Application point for jack stand (3) or two-column lift



61MM0B103

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

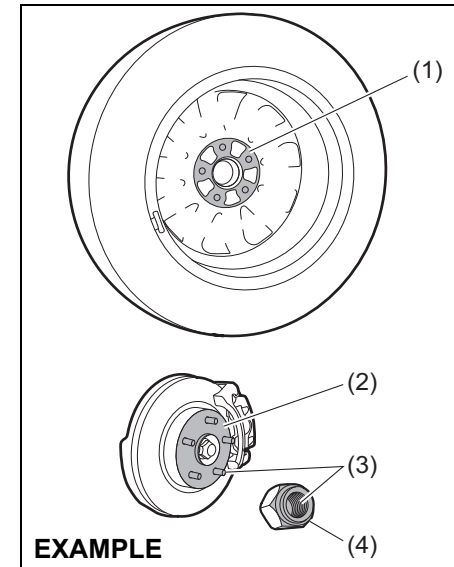
To change a wheel, use the following procedure:

- 1) Remove the jack, tools and spare wheel from the vehicle.
- 2) Loosen, but do not remove the wheel nut.
- 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 transaxle in "N" (Neutral). Otherwise, unstable jack may cause an accident.

- 4) Remove the wheel nuts and wheel.

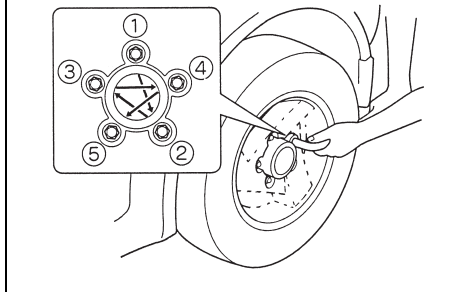


65J4033

- 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.

EMERGENCY SERVICE

EXAMPLE



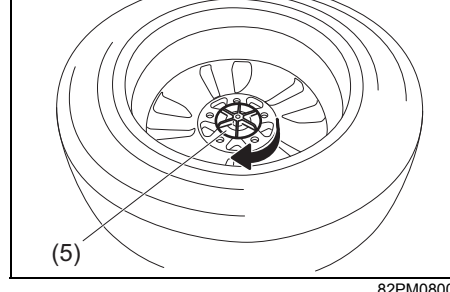
Tightening torque for wheel nut
100 Nm (10.2 kg-m, 73.8 lb-ft)

- 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



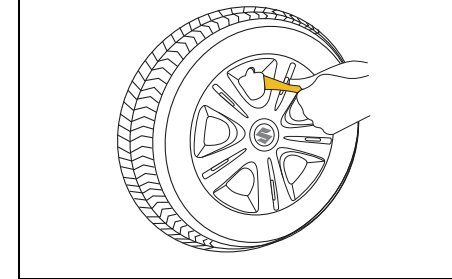
Return the spare tire back into the luggage compartment in the reverse order of removal and tighten its bolt (5) clockwise as shown in the above illustration.

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.

Full Wheel Cover (if equipped)

EXAMPLE



Insert a piece of cloth between the spokes of the wheel cover and try to pull the cover outward (as shown in figure). Take out the detached wheel cover from the wheel rim. For installation first match the slot at the wheel cover with the air filling nozzle of the wheel. Apply equal pressure at the circumference of the wheel cover to fix it in the wheel rim.

EXAMPLE



When installing the cover, make sure that it is positioned so that it does not cover or foul the air valve.

Jump-starting instructions

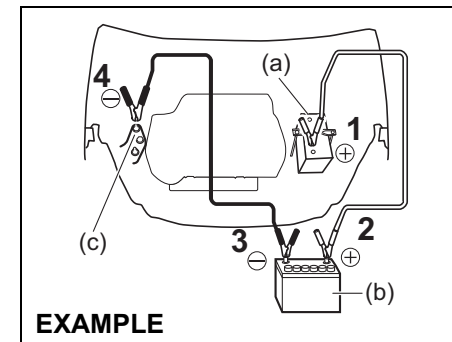
⚠ WARNING

- 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 discharged battery.

- 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, check that two vehicles do not touch each other. 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).



- 3) Connect jump leads as follows:
 1. Connect one end of the first jump lead to the positive (+) terminal of the discharged 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 discharged battery (1).

EMERGENCY SERVICE

WARNING

Never connect the jump lead directly to the negative (–) terminal of the discharged 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 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. Your dealer 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, Check 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 "ACC" position) (vehicle with keyless push start system - 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.

EMERGENCY SERVICE

Engine Trouble: Starter Does Not Operate

- 1) Try turning the ignition switch to "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 discharged 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 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, 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 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) Run the engine at a normal idle speed for a few minutes until the high engine coolant temperature warning light goes off.

WARNING

If you see or hear escaping steam, stop the vehicle in a safe place and immediately turn off the engine to cool it. 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 high engine coolant temperature warning light does not go off:

- 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 "LOW" line, check radiator, water pump, radiator hoses and heater hoses for leakage.

EMERGENCY SERVICE

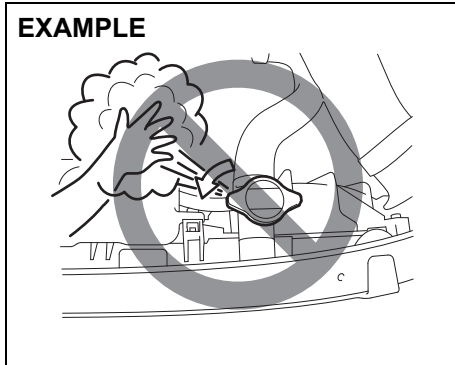
If leakage that may cause overheating is found, do not run the engine until these problems have been corrected.

- 3) If leakage is not found, carefully add coolant to the reservoir and then the radiator, if necessary. (Refer to "Engine coolant" in "INSPECTION AND MAINTENANCE" section.)

NOTE:

If engine overheats and you are not sure what to do, contact your Maruti Suzuki authorised workshop.

EXAMPLE



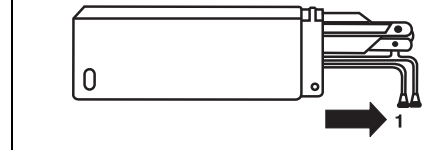
79J007

⚠ WARNING

- It is hazardous to remove the radiator 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

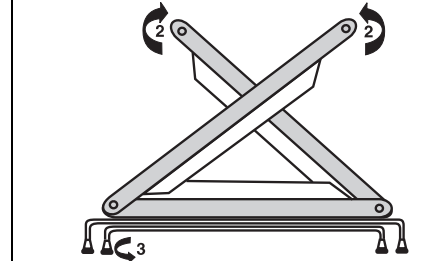
EXAMPLE



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.

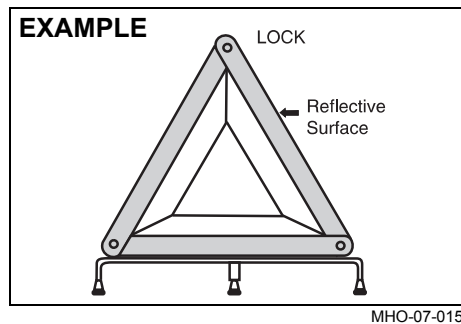
EXAMPLE



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.



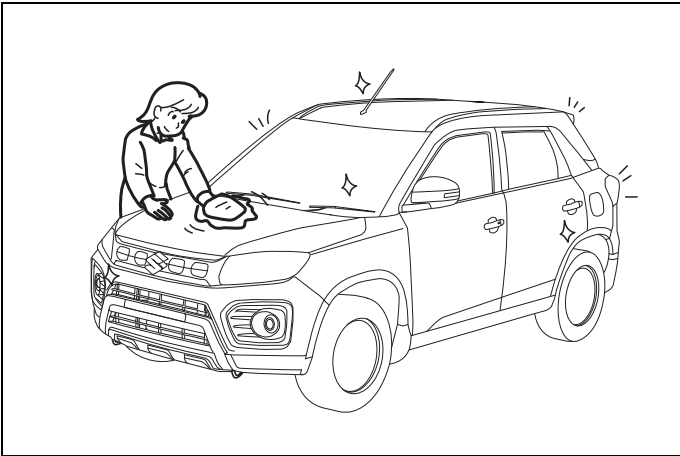
EMERGENCY SERVICE

8-11

82PM06-74E

APPEARANCE CARE

Corrosion Prevention 9-1
Vehicle Cleaning 9-2



82PM09004

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 under-body or frame.
- 2) Chipping, scratches and any damage to treated or painted metal surfaces resulting from minor accidents or abrasion by stones and gravel.

Environmental conditions which accelerate corrosion

- 1) Road salt, dust control chemicals, sea air 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 promote 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 the "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. Be sure 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 off road or in wet weather.

Certain cargo such as chemicals, fertilizers, cleaners, salts, etc. are extremely corrosive by nature. These products should be transported in sealed containers. If a

APPEARANCE CARE

spill or leak does occur, clean and dry the area immediately.

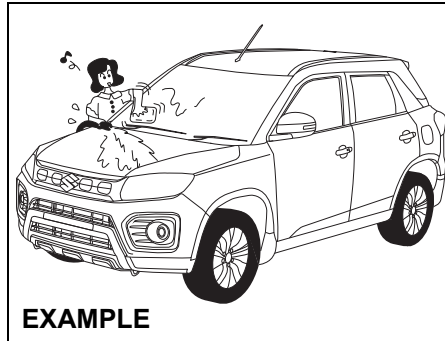
Park your vehicle in a dry, well-ventilated area

Do not park your vehicle in a damp, poorly ventilated area. If you often wash your vehicle in the garage or if you frequently drive it in when wet, 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, exhaust pipes, etc. A fire could be started if the undercoating substance becomes overheated.

Vehicle Cleaning



82PM09001

⚠ WARNING

When cleaning the interior or exterior of the vehicle, NEVER USE flammable solvents such as lacquer thinners, gasoline, benzene or cleaning materials such as bleaches or strong household detergents. The materials could cause personal injury or damage to the vehicle.

Cleaning the Interior

Vinyl upholstery

Prepare a solution of soap or mild detergent mixed with 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.

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.

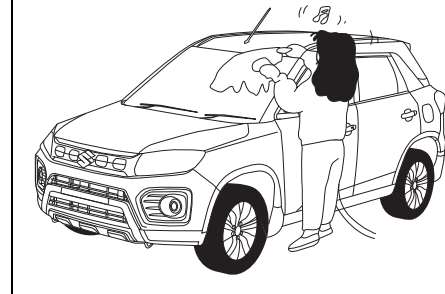
Washing

⚠ 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, you should 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 make sure they have maintained their normal effectiveness.

Washing by hand

EXAMPLE



82PM09002

APPEARANCE CARE

CAUTION

If your vehicle is equipped with the rain-sensing wiper system, place the wiper control lever in the “OFF” position. If the lever is left in the “AUTO” position, the wipers could unexpectedly operate and cause an injury, and could also be damaged.

When washing the vehicle, park it 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.
- To avoid damaging request switch (if equipped), do not use pressurized water.

- 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. Be sure to follow 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

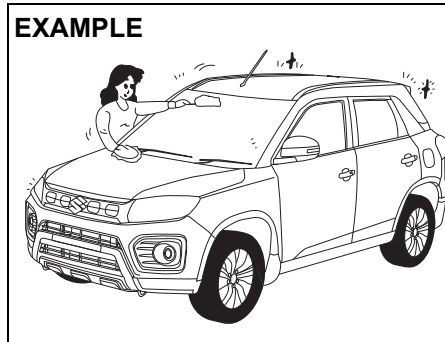
NOTICE

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

EXAMPLE



82PM09003

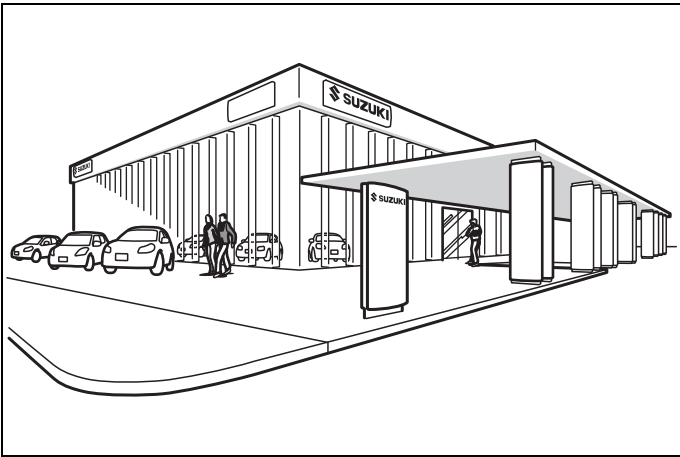
After washing the vehicle, waxing and polishing are recommended to further protect and beautify the paint.

- Only use waxes and polishes of good quality.
- When using waxes and polishes, observe the precautions specified by the manufacturers.

APPEARANCE CARE

9-7

82PM06-74E



84MM01001

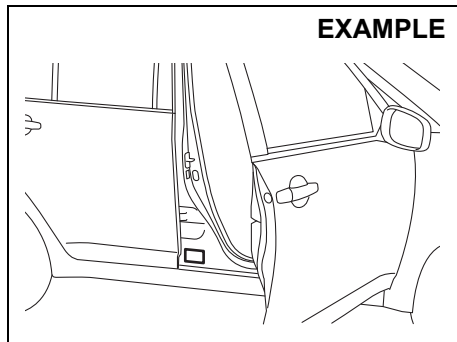
GENERAL INFORMATION

Vehicle Identification 10-1
FASTag (if equipped) 10-1
High Security Registration Plate (HSRP) (if applicable)... 10-3

GENERAL INFORMATION

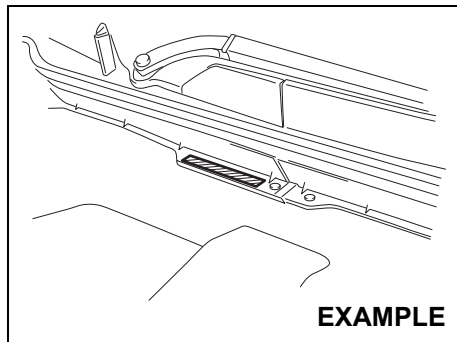
Vehicle Identification

Chassis Serial Number



EXAMPLE

79MH0A01



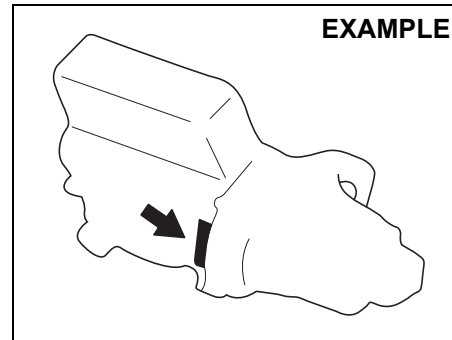
EXAMPLE

82PM100001

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

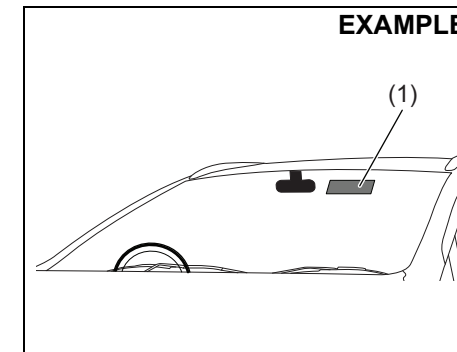
60G128

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.

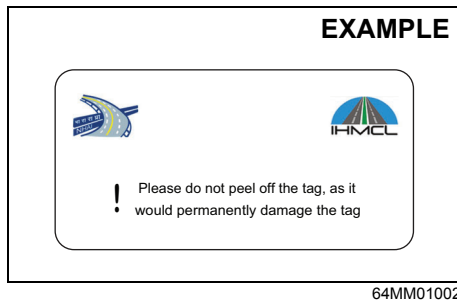


EXAMPLE

64MM01001

GENERAL INFORMATION

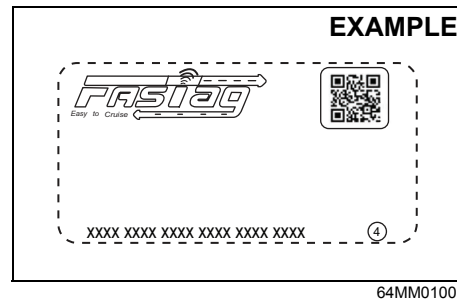
As seen from inside of the vehicle



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



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

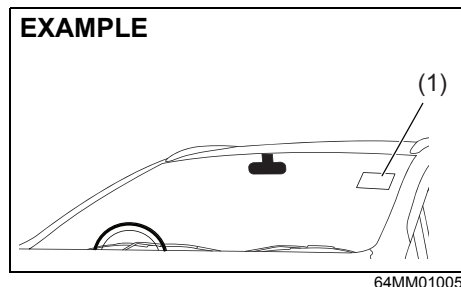
High Security Registration Plate (HSRP)

As per Ministry of Road Transport and Highways, every new vehicle must have HSRP.

HSRP contains;

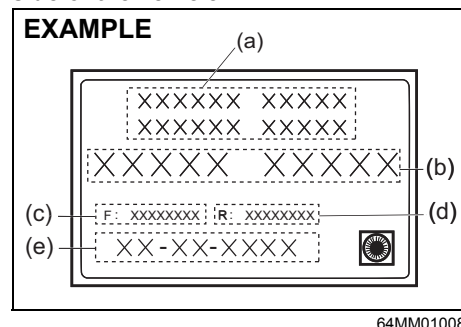
- Front and rear HSRP, which will be fitted with 2 snap-locks each on number plate area.
- Third license plate on front windshield.

Third License Plate



(1) Third license plate

Third license plate - As seen from outside of the vehicle



- (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)

NOTE:

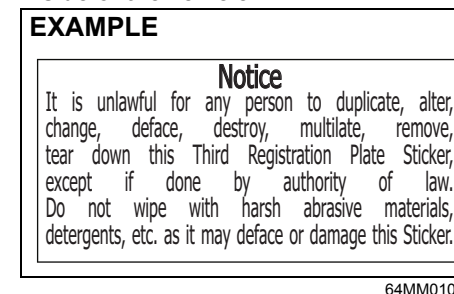
The picture shown is for indicative purpose only. Internal structure of actual label mounted on vehicle may be different.

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



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.

M/T: Manual transaxle

A/T: Automatic transaxle

ITEM: Dimensions		UNIT: mm
Overall length		3995
Overall width		1790
Overall height		1640
Wheelbase		2500
Track	Front	1535
	Rear	1505

ITEM: Mass (weight)		UNIT: kg	
Curb mass (weight)	5M/T	1110 - 1130	
	AT	1135 - 1150	
Gross vehicle mass (weight) rating	5 M/T	1600	
	AT	1600	
Permissible maximum Axle Weight	5M/T	Front	890
		Rear	870
	AT	Front	890
		Rear	870

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82PH0-74E

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	ISG
	12V ISS N55 ^{*1}
Lithium-ion battery	Non-ISG
	12V 34B19L
Fuses	Maintenance free ^{*2}
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	High beam	Halogen	12V 55W	H1
		LED	LED	
	Low beam	Halogen	12V 55W	H7
		LED	LED	
Front fog light (if equipped)			LED	
Daytime running light (DRL) (if equipped)			LED	
Position light			LED	
Turn signal light	Front	Halogen	12V 21W	PY21W (silver vision)
		LED	LED	
	Rear		12V 21W	PY21W
Side turn signal light (ORVM mounted)			LED	
Brake/tail light			LED	
Tail light			LED	
High mount stop light			LED	
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)		LED	
	Vanity mirror light (if equipped)		12V 5W	W5W
	Front (if equipped)		12V 5W	W5W
	Center		12V 10W	—
	Luggage compartment (if equipped)		12V 5W	W5W

SPECIFICATIONS

ITEM: Wheels and Tires		
Tire size		205/60R16 92H ^{*1} , 215/60R16 95H ^{*1}
Rim size		205/60R16 92H tire: 16 × 6J (Steel) 215/60R16 95H tire: 16 × 6 1/2J (Alloy)
Tire pressures		For the specified tire pressure, see the Tire Information Label located on the driver's door lock pillar.
Tire size spare/ Rim size spare	For vehicle equipped with 215/60R16	215/60R16 ^{*2} (steel wheel)/16 × 6J
	For vehicle equipped with 205/60R16	205/60R16 ^{*2} (steel wheel)/16 × 6J

*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")

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)	M/T	See "INSPECTION AND MAINTENANCE" section.	5.1 L
	AT		5.0 L
Transaxle oil	M/T	"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.