

TABLE OF CONTENTS

FUEL RECOMMENDATION	1
BEFORE DRIVING	2
OPERATING YOUR VEHICLE	3
DRIVING TIPS	4
OTHER CONTROLS AND EQUIPMENT	5
VEHICLE LOADING AND TOWING	6
INSPECTION AND MAINTENANCE	7
EMERGENCY SERVICE	8
APPEARANCE CARE	9
GENERAL INFORMATION	10
SPECIFICATIONS	11

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 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 "INSPECTION AND MAINTENANCE" 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 or CB (Citizen's Band) radios may cause electronic interference with your vehicle's ignition system, resulting in vehicle performance problems. Consult your MARUTI SUZUKI dealer for advice on installing such mobile communication equipment.

WARNING

Severe damage may be caused by the use of either poor quality fuel and/or lubricants not recommended by MARUTI SUZUKI.

MAINTENANCE SERVICE RECORD

MODEL	CHASSIS NO.	ENGINE NO.	KEY NO.	DATE OF DELIVERY	MILEAGE (KM)	BATTERY	
						MAKE	SR.NO. BATCH CODE

OWNER'S NAME & ADDRESS _____ _____ _____ _____ TEL.NO. _____
--

ADRESS/STAMP OF SELLING DEALER	SELLING DEALER CODE
SHOWROOM	
WORKSHOP	IMPORTANT INFORMATION TO CUSTOMER Dear Customer, For any assistance with regard to our product, please contact General Manager/Works Manager at any of our Dealer or Authorised Service Station. For additional enquiry you may contact our Regional Office or Service Department. The Addresses and Phone nos. are given in Service Network Booklet provided along with the vehicle.

55KS0-74E

[illegible]

F: ... FREE SERVICE, P: ... PAID SERVICE, W: ... WARRANTY JOB, A: ... ACCIDENTAL JOB

0-4

6

55KS0-74E

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 an authorised Maruti Suzuki 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:

- (a) The Maruti Suzuki vehicle must be delivered by Maruti Suzuki authorised dealer and set-up, serviced by Maruti Suzuki authorised dealer / service station.
- (b) The warranty registration card in respect of each vehicle must be completed by the dealer at the time of delivery of the vehicle and dealer should retain the same.

(2) Term:

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

(3) Maruti's 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. The owner is responsible for any repair or replacements which are not covered by this warranty.

(4) Limitation:

This warranty shall not apply to:

- 1) normal maintenance service required other than the three free services, including without limitation, oil and fluid changes, headlight aiming, fastener retightening, wheel balancing, wheel alignment and tyre rotation, cleaning of injectors, adjustments of carburettor, ignition timing, clutch and valve clearance.
- 2) the replacement of normal wear 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).
- 3) any vehicle which has been used for competition or racing.
- 4) any repairs or replacement required as a result of accidents or collision.
- 5) any defects caused by misuse, negligence, abnormal use or insufficient care.
- 6) any vehicle which has been modified or altered, including without limitation, the installation of performance accessories.
- 7) any vehicle on which parts or accessories not approved by Maruti Suzuki have been used.
- 8) any vehicle which has not been operated in accordance with the operating instructions in the Maruti Suzuki Owner's Manual.
- 9) any vehicle which has not received, during the warranty term, the service inspections prescribed in the Maruti Suzuki Owner's Manual.
- 10) any vehicle which has been assembled, disassembled, adjusted or repaired by other than an Maruti Suzuki authorised dealer/service station.

- 11) any vehicle which has been used for purposes other than what it was designed for.
- 12) any damage or deterioration caused by industrial pollution and bird droppings.
- 13) insignificant defects which do not affect the function of the vehicle including without limitation, sound, vibration and fluid seep.
- 14) any natural wear and tear including without limitation, aging etc.
- 15) Installation and usage of domestic LPG gas/LPG Cylinder.
- 16) V-belts, hoses and gas leaks (For Maruti Suzuki AC vehicle).
- 17) Any vehicle retrofitted with LPG/CNG kits.

(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 on Maruti Suzuki's behalf.

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 any authorised Maruti Suzuki dealer.

(7) Owner's Warranty Responsibilities:

It is responsibility of each owner to:

- make certain that the warranty registration/PDI card was completed at the time of delivery of the vehicle;

- have performed, at his own expenses, by an Maruti Suzuki authorised dealer/service station 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.
- make certain that the Maruti Suzuki authorised dealer/service station performing the service inspection has certified the work on the "Maintenance Service Record" page in the "Owner's Manual and Service Booklet and
- present the Maruti Suzuki "Owner's Manual and Service Booklet to the authorised Maruti Suzuki dealer 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 authorised Maruti Suzuki 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 delivery 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 its dealer which leads to firm conclusions that the
 - a) Original settings have not been tempered 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 its dealer and results of the examination will be final and binding. If after examination, the warrantable condition is not established, Maruti Suzuki and its dealer 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 its dealer 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 dealer 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 dealer.
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 on the change of owner, provided all the documents are available.

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 preceeding 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 MGP (Maruti Genuine Part).
5. Vehicle tampered in an unauthorised manner.
6. Tampering with odometer so that the actual kilometer reading can not be read.
7. Use of adulterated fuel and/or unspecified oils (Engine oil, Transmission oil and Brake oil etc).

Annexure - A

List of parts 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. Distributor and internal parts.
6. Ignition Coil.
7. Canister Assembly.
8. Vapour Liquid Separator.
9. Fuel Tank and Filler Cap.
10. PCV (Positive Crankcase Ventilation) Valve.
11. Oil Filler Cap.
12. Catalytic Converter.
13. Exhaust Manifold.
14. All Fuel Injection System related SENSORS.
15. High Pressure Fuel Pump.
16. Glow Plug.
17. Glow Plug Controller.

FUEL RECOMMENDATION

FUEL RECOMMENDATION

1

Fuel Recommendation 1-1

FUEL RECOMMENDATION

Fuel Recommendation

Petrol Engine

You must use unleaded Petrol with an octane number (RON) of 91 or higher.

Petrol/Ethanol blends

Blends of unleaded petrol and ethanol (grain alcohol), also known as gasohol, are commercially available in some areas. Blends of this type may be used in your vehicle if they are no more than 5% ethanol. Make sure this petrol-ethanol blend has octane ratings no lower than those recommended for petrol.

Petrol/Methanol blends

Blends of unleaded Petrol and methanol (wood alcohol) are also commercially available in some areas. DO NOT USE fuels containing more than 5% methanol under any circumstances. Fuel system damage or vehicle performance problems resulting from the use of such fuels are not the responsibility of MARUTI SUZUKI and may not be covered under the New Vehicle Warranty. Fuels containing 5% or less methanol may be suitable for use in your vehicle if they contain cosolvents and corrosion inhibitors.

NOTE:

If you are not satisfied with the driveability or fuel economy of your vehicle when you are using a Petrol/alcohol blend, you should switch back to unleaded Petrol containing no 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 using an alternative non-automatic system, initial vent blowback occurs.

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.

Diesel Engine

The diesel fuel should be with Cetane Number (CN) higher than 51 and sulfur content less than 350 ppm (parts per million). MARUTI SUZUKI recommends to use the diesel fuel conformable to EN590. Do not use marine diesel fuel, heating oils and so forth.

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 using an alternative non-automatic system, initial vent blowback occurs.

NOTICE

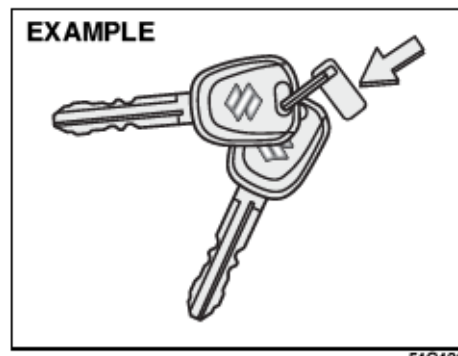
Be careful not to spill fuel containing alcohol while refueling. If fuel is spilled on the vehicle body, wipe it up immediately. Fuels containing alcohol can cause paint damage, which is not covered under the New Vehicle Limited Warranty.

BEFORE DRIVING

Keys	2-1
Door Locks	2-2
Central Door Locking System (if equipped)	2-2
Keyless Entry Cum Alarm System (if equipped)	2-5
Windows	2-14
Mirrors	2-16
Heated Rear Window Switch (if equipped)	2-17
Front Seats	2-17
Folding Rear Seat	2-20
Seat Belts and Child Restraint Systems	2-22
Driver's Seat Belt Reminder (if equipped)	2-26
Supplemental Restraint System (air bags) (if equipped)	2-31
Instrument Cluster	2-36
Warning and Indicator Lights	2-38
Speedometer	2-42
Tachometer (if equipped)	2-42
Fuel Gauge	2-43
Temperature Gauge	2-43
Brightness Control	2-44
Information Display	2-44
Lighting Control Lever	2-49
Front Fog Light Switch (if equipped)	2-50
Headlight Leveling Switch	2-51
Turn Signal Control Lever	2-51
Hazard Warning Switch	2-52
Windshield Wiper and Washer Lever	2-52
Tilt Steering Lock Lever	2-54
Horn	2-54

BEFORE DRIVING

Keys



Your vehicle comes with a pair of identical keys. 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. 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 which has an electronic identification code programmed into it. The key communicates the identification code to the vehicle when the ignition switch is turned to the "ON" position. If you need to make spare keys, contact your MARUTI SUZUKI dealer. The vehicle must be programmed with the correct identification code for the spare keys. A key made by an ordinary locksmith will not work.



If the immobilizer system light blinks when the ignition switch is in the "ON" position, the engine will not start.

NOTE:

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 with the ignition switch turned to the "ON" position, there may be something wrong with your key or with the

immobilizer system. Contact your MARUTI SUZUKI authorized dealer to inspect the system.

NOTE:

- *If you lose your immobilizer ignition key, contact your MARUTI SUZUKI dealer as soon as possible to have the lost one deactivated, then have the new key made by them.*
- *If you own other vehicles with immobilizer keys, keep those keys away from the ignition switch when using your vehicle, or the engine may not be started because they may interfere with your vehicle's immobilizer system.*

NOTICE

In case of attaching any metal objects to the immobilizer key, it may not start the engine. The immobilizer key is a sensitive electronic instrument. To avoid damaging the immobilizer key:

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

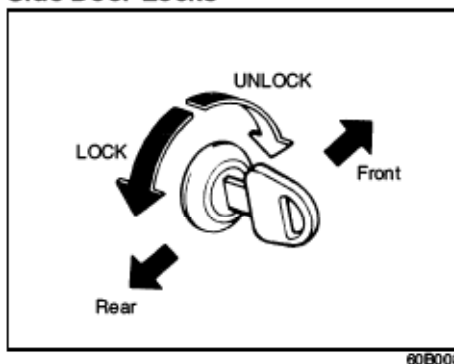
BEFORE DRIVING

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

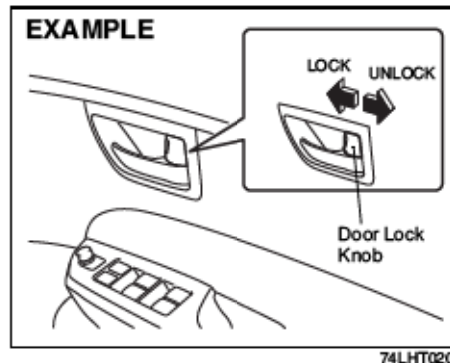
Side Door Locks



To lock a front door from outside the vehicle:

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

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



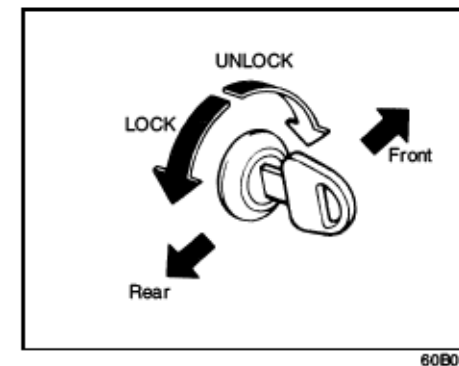
To lock a door from inside the vehicle, turn the lock knob forward. Turn the lock knob backward to unlock the door.

To lock a rear door from outside the vehicle, turn the lock knob forward and close the door.

NOTE:

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

Central Door Locking System (if equipped)

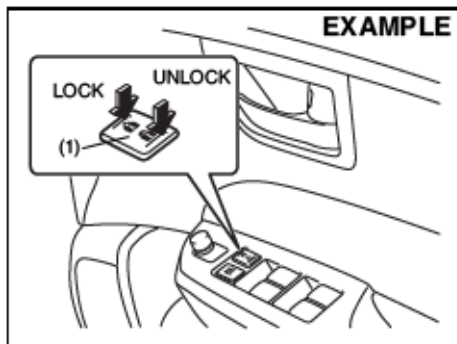


You can lock and unlock all 5 doors (Front, Rear and Back door) or 4 doors (Front and Rear only) (Depending upon the specification of the vehicle) simultaneously by using the key in the driver's door lock.

To lock all (4 or 5) doors simultaneously, insert the key in the driver's door lock and turn the top of the key anticlockwise.

To unlock all (4 or 5) doors simultaneously, insert the key in the driver's door lock and turn the top of the key clockwise.

BEFORE DRIVING



74LHT0202

You can also lock or unlock all (4 or 5) doors by depressing the front or rear of the switch (1), respectively.

Note:

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

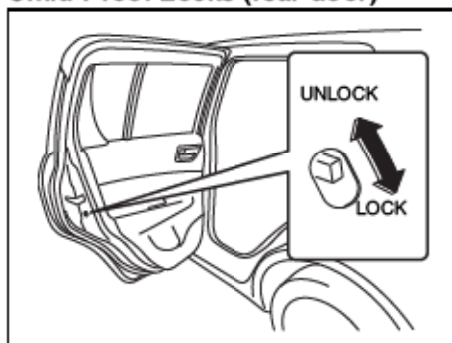
NOTE:

If your vehicle is equipped with the keyless entry system, you can also lock or unlock all doors by operating the transmitter. Refer to "Keyless Entry System Transmitter" in this section.

NOTE:

- All the doors are automatically closed for safety when the vehicle speed reaches 20 km/h.
- If your vehicle is equipped with security system, all doors are automatically unlocked when you turn the ignition switch to the "LOCK" position and pull out the key.

Child-Proof Locks (rear door)



68LM203

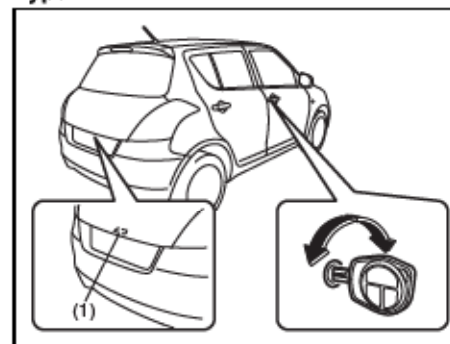
As illustrated, a child-proof lock is provided for both rear doors. When the lock lever is in position (1), the child-proof lock is locked, and when in position (2), the child-proof lock is unlocked. When the childproof lock is in the locked position, the rear door cannot be opened from the inside even if the inside door lock is unlocked but can be opened from the outside.

⚠ WARNING

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

Tailgate

Type1



74LHT0203

(1) Tailgate unlatch switch

You can lock and unlock the tailgate by using the key in the driver's door lock.

To open the tailgate, push and hold the tailgate unlatch switch (1) and lift the tailgate.

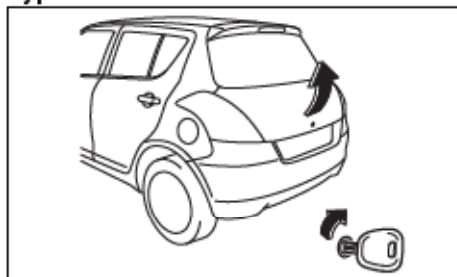
BEFORE DRIVING

NOTE:

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

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

Type2



68LM245

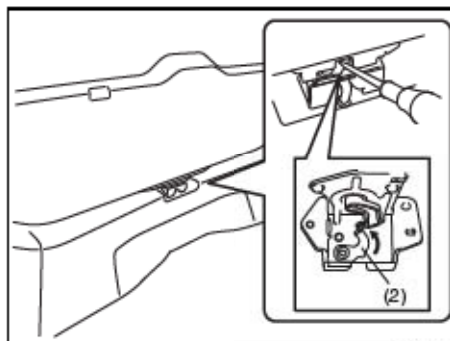
To open the tailgate, insert the key and turn it clockwise to unlatch and lift the tailgate.

⚠ WARNING

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

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) Fold the rear seat forward for easier access. Refer to "Folding Rear Seat" section for details on how to fold the rear seat forward.



68LM246

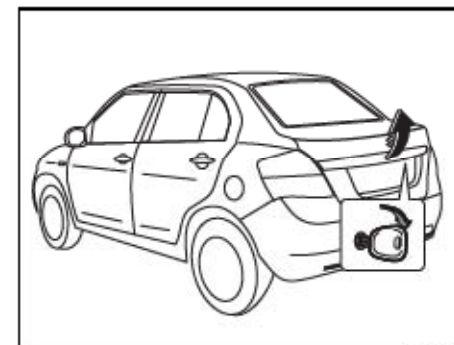
- 2) Push open the tailgate from inside by pushing up on the emergency lever (2) using a flat blade screwdriver or the jack handle. The tailgate will be latched again by closing the tailgate simply.

If the tailgate cannot be unlatched by pushing the unlatch switch (1), have the vehicle inspected by your MARUTI SUZUKI dealer.

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.

Trunk Lid (If equipped)



68LM246

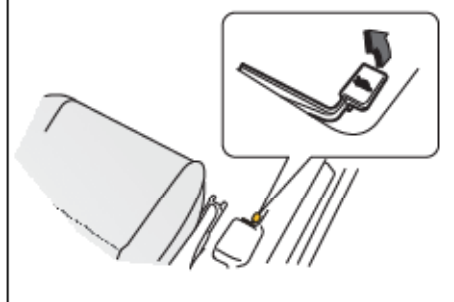
If the vehicle is equipped with a trunk lid keylock. You can open the trunk lid by using the key in the trunk lid lock. To open the trunk lid, insert the key and turn it clockwise to unlatch and lift the trunk lid.

BEFORE DRIVING

⚠ WARNING

Always make sure that the trunk lid is fully opened before using the luggage compartment.

EXAMPLE

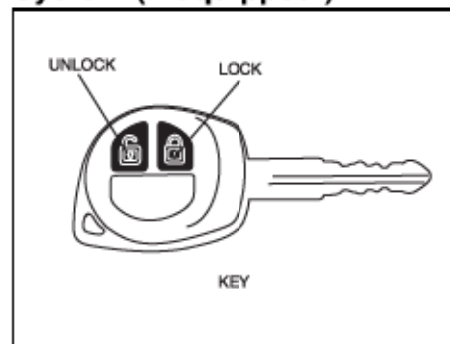


You can also unlatch the tailgate-trunklid by pulling the release lever (if equipped) located on the outboard side of the driver's seat.

⚠ WARNING

Always make sure that the trunk lid is fully opened before using the luggage compartment.

Keyless Entry Cum Alarm System (if equipped)



The Keyless Entry Cum Alarm System has two basic functions.

1. Keyless Entry
2. Alarm System

Keyless Entry

You can Lock/Unlock all doors simultaneously by operating the transmitter near the vehicle.

- To lock all doors, press "LOCK" button once. All indicator lights will flash once when doors are locked. In Alarm mode, there is one siren chirp, whereas in Valet mode, there is no siren chirp.
- To unlock all doors, press "UNLOCK" button once. All indicator lights will flash twice when doors are unlocked. In Alarm mode, there are two siren chirp, whereas in Valet mode, there is no siren chirp.

NOTE:

- The operating distance of the keyless entry system transmitter is about 20 meter, but this may vary depending on the surroundings, especially near other transmitting devices such as radio towers, condition of transmitter's battery.
- The door lock cannot be operated with the transmitter if the ignition key is inserted in the key cylinder or if any door is open.
- Be sure to close the doors before locking.
- If you lose any of the transmitters (keys), contact your MARUTI SUZUKI authorized dealer as soon as possible for erasing the transmitter ID from vehicle controller memory. In case you need a new transmitter, place an order with your dealer.

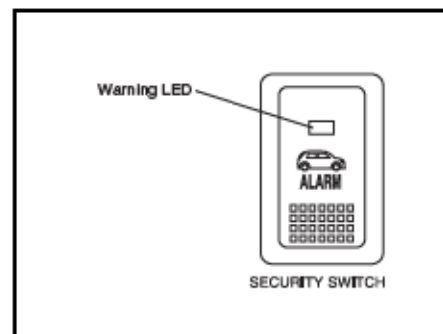
BEFORE DRIVING

- Key cylinder mentioned in this section is the key hole mounted on steering column, where key is inserted to start the vehicle.

NOTICE

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

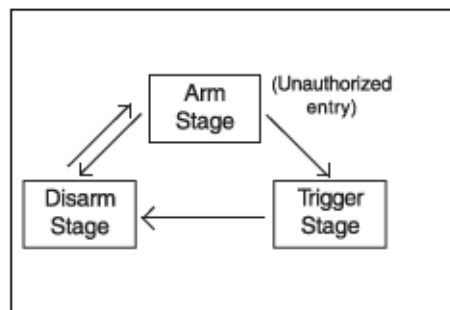
- Do not expose it to impacts, moisture, dust or high temperature such as leaving it on the dashboard under direct sunlight.
- Do not tamper with internal parts.
- Keep the transmitter away from magnetic objects such as a television.



ALARM MODE

The Alarm mode is designed to protect your vehicle from unauthorised entry. It operates in three stage :

- First : Arm Stage
Second : Trigger Stage
Third : Disarm Stage



68LM2

Arm Stage

In Arm Stage, your vehicle is monitored for any unauthorized entry. In order to arm: press the key LOCK button once:

As response to locking/arming:

- 1) Doors will get locked & vehicle will get armed. This is indicated by one siren chirp & one light flash of all indicator lights.
- 2) Visible theft warning LED on security switch will flash slowly.

NOTE:

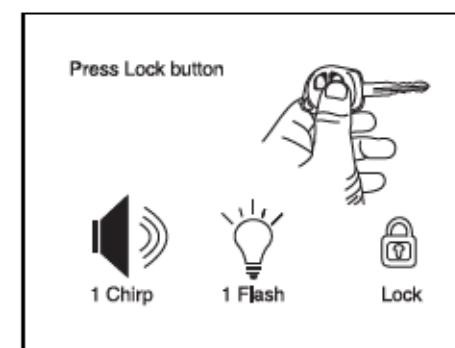
- 1) Three siren chirps and one light flash of all indicator lights will indicate that hood is open. However locking & arming of all doors take place.

Alarm System

The Alarm System has two basic modes of operation.

Valet Mode

In Valet Mode all the Security Alarm features of the system like arm/disarm, trigger are deactivated. In this mode, system will work as a Keyless Entry only. When the vehicle is given for servicing or valet parking, turn the system into Valet Mode.



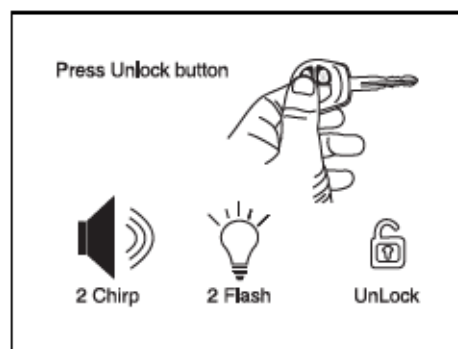
68LM2

BEFORE DRIVING

- 2) Be sure to close the doors and windows before locking/arming the vehicle.
- 3) System will not Lock/Arm in following conditions
 - a) If any of door is open (except Hood)
 - b) If key is in key cylinder.

Trigger Stage

In the event of any unauthorized entry (without unlocking/disarming) into the vehicle, the alarm triggers and all indicator lights flash. The triggering of the alarm is in two stages. First acting as a warning to the intruder and then full blast drawing the surrounding attention. In order to bring the system to disarm stage, press UNLOCK button on the key or enter the Emergency Pin. (Described in Emergency disarm section).



68LM2

Disarm Stage

System should be brought in Disarm Mode while you are entering the vehicle. In order to disarm: Press the key UNLOCK button once.

As response to unlocking/disarming:

- 1) Doors will unlock and vehicle will disarm. This is indicated by two siren chirps and two light flashes of all indicator lights.
- 2) Visible theft warning LED on security switch will flash faster than in arm stage indicating Auto rearm (described in auto rearm section).

Trigger Type	Alarm Cycle
Door Trigger (By Driver Door, Passenger Door, Hood & Back Door)	3 Cycle of 30 Sec each
Ignition Trigger	3 Cycle of 30 Sec each
Impact Trigger (Built in sensor Trigger)	1 Cycle of 30 sec

GENERAL FEATURES

Illuminated Entry

When vehicle is unlocked, the room lamp will turn ON to facilitate illuminated entry into the vehicle. If no door is opened in about 15 seconds of above operation, room lamp will fade out.

If any door is opened after 15 seconds, the room lamp turns ON again and after 15 seconds of closing all doors room lamp will fade out.

If within 15 seconds after closing all the doors the driver inserts the key into the key cylinder, then the room lamp will fade out.

Illuminated Exit

When key is removed from the key cylinder, the room lamp will turn ON to facilitate illuminated exit. If no door is opened in about 15 seconds of key removal from key cylinder, the room lamp will fade out.

When door is opened to exit the vehicle, the room lamp will turn ON again (if it has turned OFF after 15 seconds of key removal from key cylinder) and will turn OFF after 15 seconds of closing all the doors.

If within 15 seconds of all doors closure, vehicle is locked by pressing the LOCK button, the room lamp will fade out.

NOTE: Room lamp will fade out gradually approximately in 2 seconds.

Door Locks: 3, 5, 8

Windows: 3, 8

BEFORE DRIVING

Mute Lock/Unlock

To Arm/Disarm the vehicle without siren chirps use this function.

- Press and release the Key LOCK & UNLOCK buttons simultaneously.
- Press and release Key LOCK or UNLOCK button for desired function.

Example: To Lock/arm the system without the Siren chirp sound, press and release the Key LOCK & UNLOCK button simultaneously, then press and release the Key LOCK button once.

Auto Rearm

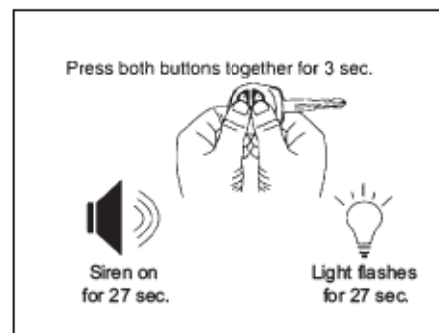
In case of accidental Unlock/Disarm of vehicle by Key, vehicle will automatically Lock & Arm within 30 sec. without any indication. Auto rearm cycle gets cancelled if user does any of the following operation within 30sec :

- Open any door (including back door).
- Open Hood.
- Key On.

NOTE: If the vehicle is in Valet mode, system will only lock the vehicle.

Radio Frequency Lock Out

Key Lock/Unlock/Panic will cease to function when Key is inside Key cylinder.



68LM2

Panic Alarm (Car Locator)

Panic Alarm feature can be used to bring the surrounding attention to the vehicle or to locate the vehicle in congested parking area.

- Press and hold the Key LOCK & UNLOCK button simultaneously for 3 seconds or more.
- Panic alarm will be activated and siren will sound and indicator lights will flash for 27 seconds.
- Press and release the Key LOCK & UNLOCK button simultaneously to cancel the Panic alarm.

Flashing LED Status

The flashing LED always reflects the status of the system as following.

SYSTEM CONDITION	LED STATUS
Disarmed condition	LED does not glow
Armed condition	Slow Flashes of LED
Auto Arming Condition	Fast Flashes

Intrusion Alert

The system gives a report if it has been intruded in your absence. Four chirps are given when UNLOCK button is pressed after an intrusion.

Diagnostic report	Visual-LED	Sound
Built in Shock Sensor Trigger	2 Flashes	Four Chirps
Door/Trunk/Hood Intrusion	3 Flashes	Four Chirps
Ignition	5 Flashes	Four Chirps

PROGRAMMABLE FEATURES

System has some features which can be programmed by user according to their choice.

Drive Lock Mode

Drive lock mode can be programmed by SPEED LOCK or can be turned OFF. If drive lock mode is programmed to SPEED

BEFORE DRIVING

LOCK, all the vehicle doors will lock when vehicle attains the speed of 20 Km/hr. If Drive Lock is programmed to OFF, no door will lock by speed.

NOTE:

In case of SPEED LOCK Mode, if any door is open while driving, it will get cancelled.

Once vehicle Speed crosses 20 Km/hr, the LED on Security Switch will blink for 5 seconds as indication of door open.

Drive Unlock Mode

Drive unlock can be programmed to KEY or can be turned OFF. When programmed to KEY, turning Ignition ON to OFF then removing the key from the key cylinder will unlock all the doors. If drive unlock is programmed to OFF then no door will unlock by removing key from key cylinder.

Siren Chirp ON/OFF feature

Siren Chirps can be programmed to ON or OFF. When siren chirp feature disabled, siren will not chirp after Arm/Disarm by LOCK/UNLOCK button.

Shock Sensor feature

This is a very important feature of security system. It enables protection of your vehicle against any major impact. If anybody tries to intrude into the vehicle, the alarm triggers. The triggering of the alarm is in two stages, first acting as a warning to the intruder and then at full blast. The sensitivity of shock sensor can be adjusted as desired by the user.

BEFORE DRIVING**PROCEDURE TO PROGRAM FEATURE**

No.	Feature	1 Chirp	2 Chirps	Default
1.	Drive Lock Mode	Speed	OFF	Speed
2.	Drive Unlock Mode	Key	OFF	Key
3.	Siren chirp ON/OFF	ON	OFF	ON
4.	Shock Sensor ON/OFF	ON	OFF	ON

Programming Drive Lock Mode

- Open the Driver Door of your vehicle.
- With your vehicle key in the Key cylinder, turn Ignition ON and then switch it OFF.
- Press and release the Security switch One time.
- Press and hold the Security switch.
- One chirp sound confirms entry into Drive Lock programming mode.
- Press the Key LOCK button (while holding the Security switch), a single chirp sound confirms mode changed to speed lock.
- Two-Siren chirp sound confirms Drive lock mode OFF.
- Release the Security switch.
- Turn the Ignition ON.

Programming Drive Unlock Mode

- Open the Driver Door of your vehicle.
- With your vehicle key in the Key cylinder, turn Ignition ON and then switch it OFF.
- Press and release the Security switch two times.
- Press and hold the Security switch.
- Two-chirp sound confirms entry into Drive unlock programming mode.
- Press the Key Lock button (while holding the Security switch), a single chirp sound confirms the mode changed to key Unlock.
- Two-siren chirp sound confirms the mode changed to Drive Unlock mode OFF.
- Release the Security switch.
- Turn the Ignition ON.

Programming Siren Chirp ON/OFF

- Open the Driver Door of your vehicle.
- With your vehicle key in the Key cylinder, turn Ignition ON and then switch it OFF.
- Press and release the Security switch Three times.
- Press and hold the Security switch.
- Three-chirp sound confirms entry into Siren Chirp ON/OFF programming mode.
- Press the Key Lock button (while holding the Security switch), a single chirp sound confirms the mode changed to Siren Chirp ON.
- Two-Siren chirp sound confirms the mode changed to Siren Chirp OFF.
- Release the Security switch.
- Turn the Ignition ON.

BEFORE DRIVING

Programming Shock Sensor ON/OFF

- a) Open the Driver Door of your vehicle.
- b) With your vehicle key in the Key cylinder, turn Ignition ON and then switch it OFF.
- c) Press and release the Security switch Four times.
- d) Press and hold the Security switch.
- e) Four-chirp sound confirms entry into Shock Sensor ON/OFF programming mode.
- f) Press the Key Lock button (while holding the Security switch), a single chirp sound confirms the mode changed to shock sensor ON.
- g) Two-Siren chirp sound confirms the mode changed to shock sensor OFF.
- h) Release the Security switch.
- i) Turn the Ignition ON.

Shock Sensor Sensitivity Adjustment via Key

Full Blast adjustment

Full Blast can be adjustment in 16 levels as mentioned below.

- a) Press Unlock button on Key to Unlock/Disarm the System.
- b) Press Lock button (within 2 seconds of key UNLOCK) on Key to Lock/Arm the System.
- c) Within 2 sec press Lock & Unlock button simultaneously for at least 3sec. Siren will give Long chirp to confirm entry into sensitivity adjustment mode
 - i) Press Lock button to adjust the sensitivity one step lower. Siren will give one chirp every time lock button is pressed till at level 1 where it will give a long chirp. When adjusted to level 1, Full Blast will turn OFF
 - ii) Press unlock button to adjust the sensitivity one step higher. Siren will give two chirp every time unlock button is pressed till at level 16 where it will give a long chirp.

Pre-warn Adjustment

Pre-warn can be adjusted in 16 levels as mentioned below:

- a) Press Lock button on Key to Lock/Arm the System
- b) Press Unlock button (within 2 seconds of key LOCK) on Key to Unlock/Disarm the System
- c) Within 2 sec press Lock & Unlock button simultaneously for at least 3sec. Siren will give Long chirp to confirm entry into Sensitivity Adjustment Mode.
 - i) Press Lock button to adjust the sensitivity one step lower. Siren will give one chirp every time lock button is pressed till at level 1 where it will give a long chirp. When adjusted to level 1, prewarn will turn OFF.
 - ii) Press Unlock button to adjust the sensitivity one step higher. Siren will give two Chirp every time Unlock button is pressed till at level 16 where it will give a long chirp.

BEFORE DRIVING

Mode Programming (Valet/Alarm)

The valet mode can be programmed as follows:

- Close the driver door.
- Turn Ignition ON-OFF quickly.
- Press and hold Security switch for 3 sec minimum.
- Change to valet mode is confirmed by LED ON for 1 minute.

The alarm mode can be programmed as follows:

Repeat step (i)-(iii) to program the system to alarm mode.

Change to alarm mode will be confirmed by one long siren chirp and LED OFF.

Program Customer Pincode (Personalised Pincode)

If transmitter is not working properly, then it is possible to disarm the system by personalised pin code.

The Personalised 4-digit number can be changed from the factory default to ensure Personalised Security.

Pin codmtry

- Disarm the system.
- Open the Driver Door.
- Turn Ignition ON then OFF.
- Within 5 seconds press and release Valet switch 5 times. A short chirp followed by long chirps confirms entry into Pin Code programming mode.
- Press Lock button on Key, after a single chirp enter the First digit (with in 1-9) by pressing Valet switch (for e.g. to enter 2 press and release Valet switch two times).
- Press Lock button on Key, after two chirp enter the Second digit (with in 1-9) by pressing Valet switch.
- Press Lock button on Key, after 3-chirps enter the Third digit (with in 1-9) by pressing Valet switch.
- Press Lock button on Key, after 4-chirps enter the Fourth digit (with in 1-9) by pressing Valet switch.

Emergency Disarm by personalised pin code

The Personalised 4- Digit Pin Code acts as a secret Key, to Emergency Disarm the vehicle.

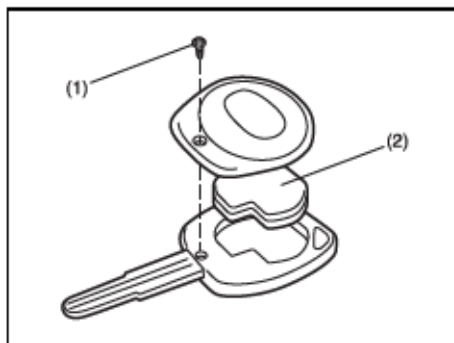
- Turn the Ignition ON, OFF and then ON.
- Enter the First digit (for e. g. to enter 2 press and release Valet switch twice)
- Turn the Ignition OFF then ON.
- Enter the Second digit.
- Turn the Ignition OFF and then ON.
- Enter the Third Digit.
- Turn the Ignition OFF and then ON
- Enter the Last Digit.
- Turn the Ignition OFF and then ON.
- The vehicle will get disarmed.

NOTE: The default pin will be provided by the dealer at the time of delivery. It is recommended to personalize the pin for increased security. The pin must be remembered as it is not possible to retrieve a lost pin.

BEFORE DRIVING

Transmitter battery

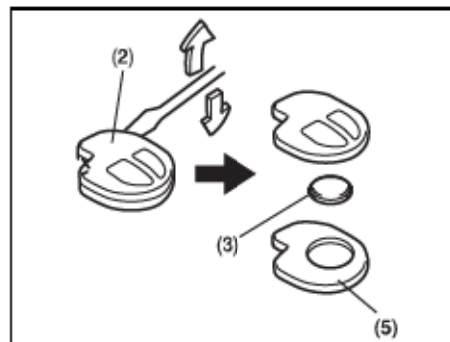
Replacement of the Battery



If the transmitter battery gets discharged, replace the battery with a new one.

To replace the battery of the transmitter:

- 1) Remove the screw (1), and open the transmitter cover.
- 2) Remove the transmitter (2).
- 3) Put the edge of a flat blade screw driver in the slot of the transmitter (2) and pry it open.
- 4) Replace the battery (3) (Lithium disc type CR1620) so that its +ve terminal faces the bottom cover of the transmitter (5).

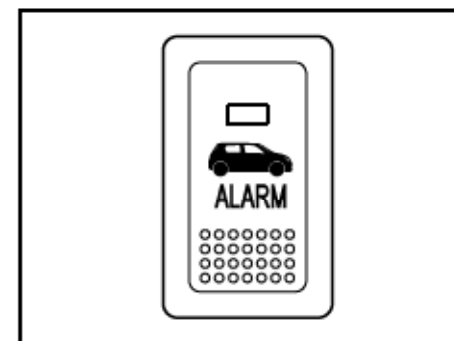


- 5) Close the transmitter and install it into the transmitter holder.
- 6) Close the transmitter cover, install and tighten the screw (1).
- 7) Make sure the door locks can be operated with the transmitter.

Note: Normal battery life is approximately 2 years, but varies depending on usage. It is advisable to get battery replaced from MARUTI SUZUKI Authorized workshop.

⚠ 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.



If your vehicle is equipped with the security system, contact your dealer for further information.

BEFORE DRIVING

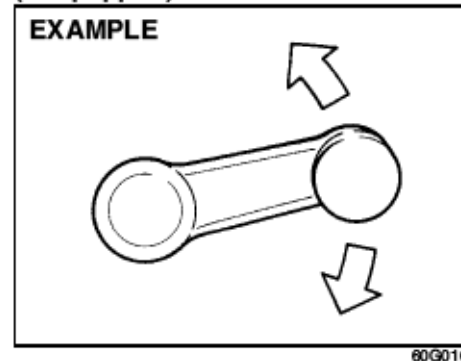
TROUBLESHOOTING

SYMPTOMS	PROBABLE CAUSES	REMEDIES
Transmitter function (Unlock/Lock/Panic)not working	1. Battery of the transmitter is weak. 2. Transmitter is exposed to water or it is wet. 3. D/L or Dome fuse for controller is blown in the vehicle. 4. In case if any door is open or door sensor is shorted with the body ground, remote will not activate the central locking/ alarm system.	1. Check the battery. 2. Dry the transmitter and check it. 3. Check and replace the D/L or Dome fuse. 4. Check if all doors are properly closed and door switch functioning is O.K.
Operation distance of the transmitter is less than 20m but still transmitter (Unlock/Lock/Panic) is not working	1. Battery of the transmitter is weak. 2. Strong RF interference. (e.g. Radio Towers, High Voltage Transmission line near by)	1. Check the battery. 2. Drive the vehicle away from the particular spot and re-test the control distance.
It is difficult to activate or deactivate the system in certain area using the transmitter.	1. The strong interference caused by excessive RF activity in a particular area	1. The interference is temporary and only while the vehicle is in that area.
Alarm is not triggered even if any door(s)/ hood/trunk opened in arm stage.	1. The contact point of the door(s), front bonnet or rear boot switch is faulty. 2. The connection of the door(s), front bonnet or rear boot switch is loose.	1. Replace the defective Switch. 2. Make proper connection.
Siren does not sound when alarm is triggered.	1. The connection of the siren wire is loose. 2. Siren is faulty.	1. Make proper connection. 2. Change the siren.

BEFORE DRIVING

Windows

Manual Window Control (if equipped)

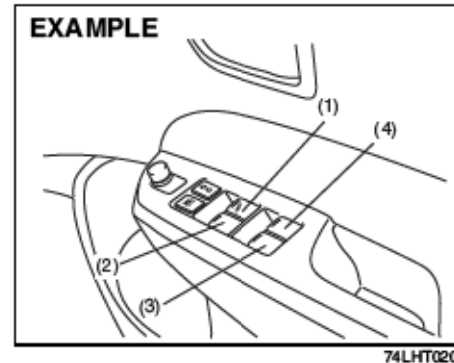


Raise or lower the door windows by turning the handle located on the door panel.

Electric Window Controls (if equipped)

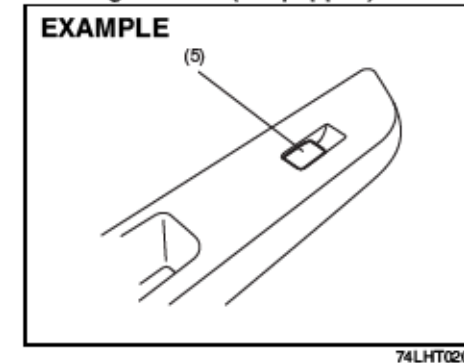
The electric windows can only be operated when the ignition switch is in the "ON" position.

Driver's door



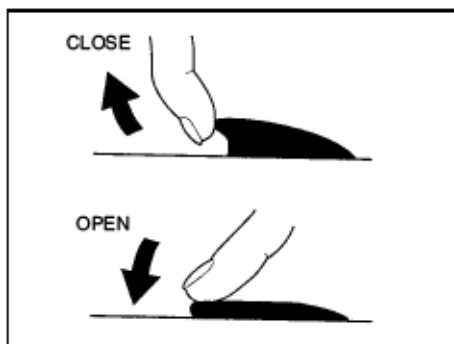
The driver's door has a switch (1) to operate the driver's window, and a switch (2) to operate the front passenger's window or there are switches (3), (4), to operate the rear left and right passenger windows, respectively.

Passenger's door (if equipped)



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

BEFORE DRIVING

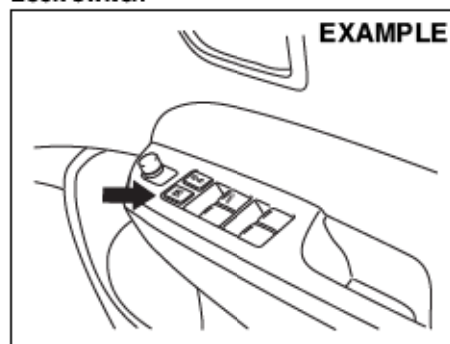


81A009

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 an "auto-down" feature for added convenience (at toll booths or drive-through restaurants, for example). This means you can open the window without holding the window switch in the "Down" position. Press the driver's window switch completely down and release it. To stop the window before it reaches the bottom, pull the switch up briefly.

Lock switch



74LHT0206

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

⚠ 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 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.

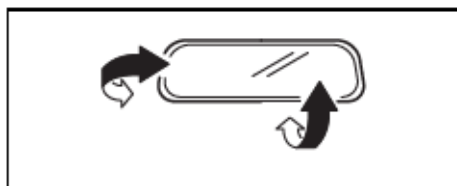
BEFORE DRIVING

Mirrors

Inside Rearview Mirror

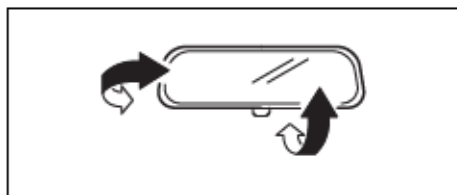
You can adjust the inside rearview mirror by hand so as to see the rear of your vehicle in the mirror. To adjust the mirror, move the mirror up, down or side ways by hand to obtain the best view.

Type1

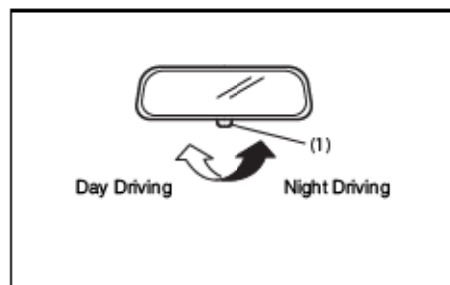


74LHT0235

Type2



68LMT0205



68LMT0206

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.

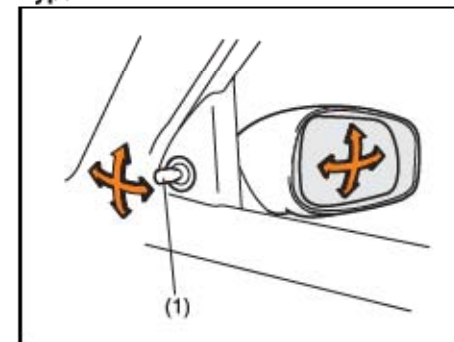
Outside Rearview Mirrors

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.

Type1

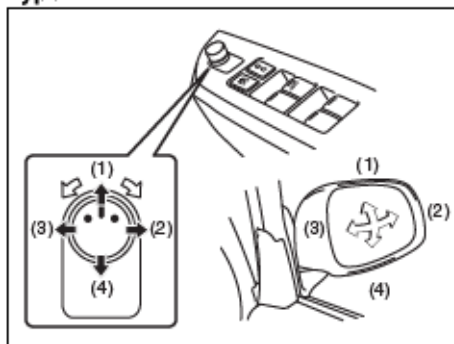


75J003

You can adjust the outside rearview mirrors by hand with the knob (1) located on the driver's or front passenger's door panel.

BEFORE DRIVING

Type2



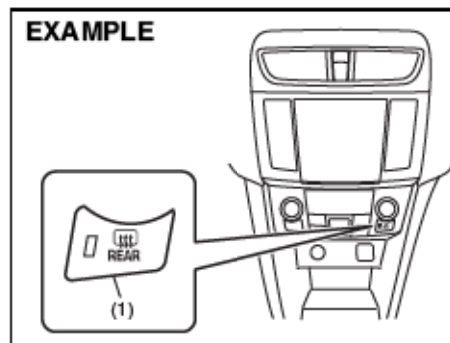
74LHT0207

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

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

Heated Rear Window Switch (if equipped)

EXAMPLE



74LHT0234

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 (1) 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.

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

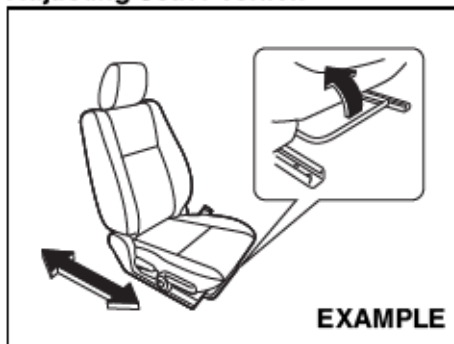
To avoid excessive seat belt slack, which reduces the effectiveness of the seat belts as a safety device, make sure that the seats are adjusted before the seat belts are fastened.

NOTICE

Do not rest your feet on the seat adjustment lever or push it down. This may affect the performance of the seat adjusters.

BEFORE DRIVING

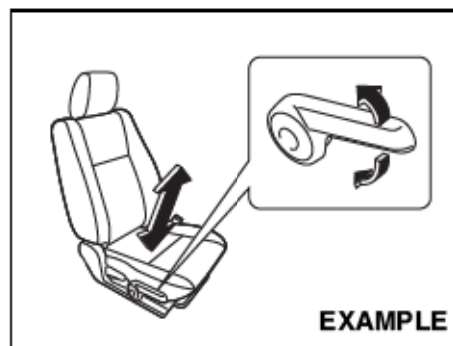
Adjusting Seat Position



The adjustment lever for each front seat is located under the front of the seat. To adjust the seat position, pull up on the adjustment lever and slide the seat forward or rearward.

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

Seat Height Adjuster (if equipped)



If the driver's seat is equipped with a seat height adjuster lever on the outboard side of the seat, raise or lower the seat by pulling up or down the adjuster lever.

Adjusting Seatbacks

WARNING

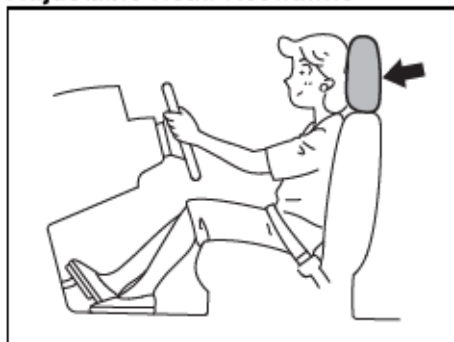
All seatbacks should always be in an upright position when driving, or seat belt effectiveness may be reduced. Seat belts are designed to offer maximum protection when seatbacks are in the upright position.



To adjust the seatback angle of front seats, pull up the lever on the outboard side of the seat, move the seatback to the desired position, and release the lever to lock the seatback in place.

BEFORE DRIVING

Adjustable Head Restraints



63J246

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.

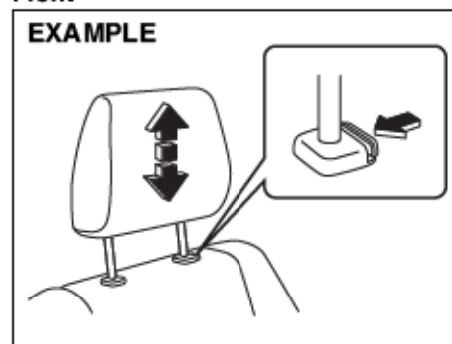
⚠ WARNING

- 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



80J9082

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.

Rear Seats

Adjustable 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:

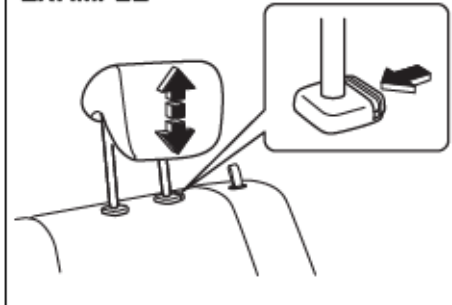
It may be necessary to fold forward the seatback to provide enough overhead clearance to remove the head restraint.

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.

BEFORE DRIVING

Rear (If equipped)

EXAMPLE



74LHT0211

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.

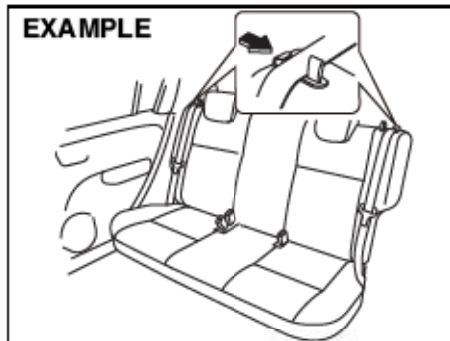
When installing a child restraint system, raise the head restraint to the most upper position.

Folding Rear Seat (If equipped)

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

To fold the rear seat forward:

EXAMPLE



74LHT0212

- 1) Hook the webbing of the outboard lap-shoulder belts in the belt hangers.

NOTICE

- When you move a seatback, make sure the belt webbing is hooked in the seat belt hangers 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.

- 2) Lower the adjustable head restraint fully.
- 3) Store the center buckle in the seat back slit.

EXAMPLE



74LHT0239

- 4) Pull up the both release straps on the top of seat, and fold the seatback forward.

BEFORE DRIVING

NOTICE

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

⚠ WARNING

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

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

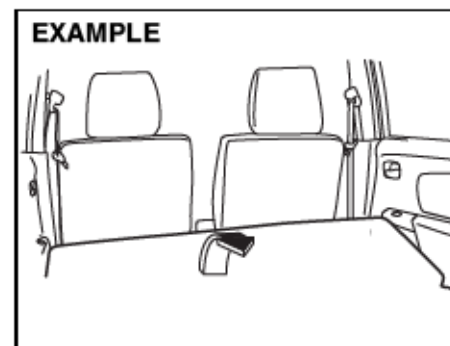
CAUTION

- 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.

NOTICE

- When returning the rear seatback to the normal position, make sure that there is nothing around the striker. Any foreign materials prevent the seatback from being locked securely.
- When you move a seatback, make sure the belt webbing is hooked in the seat belt hangers so the seat belts are not caught by the seatback, seat hinge, or seat latch. This helps prevent damage to the belt system.

EXAMPLE



74LHT0213

Raise the seatback until it locks into place.

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

BEFORE DRIVING

CAUTION

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

NOTICE

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

Seat Belts and Child Restraint Systems



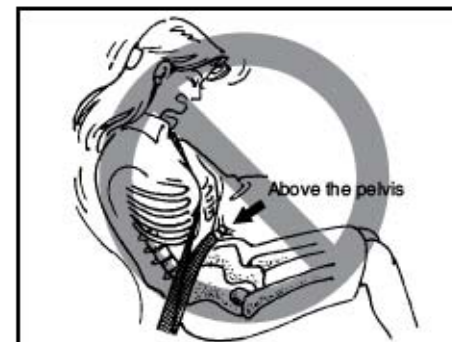
65D231S

⚠ 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.



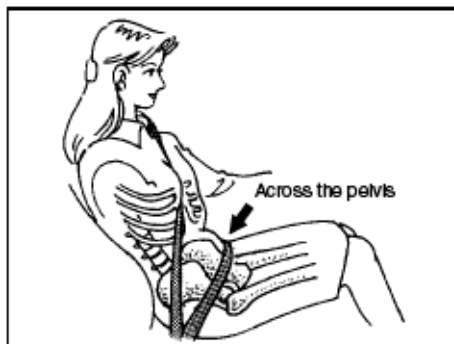
65D606

⚠ WARNING

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

(Continued)

BEFORE DRIVING



65D201



65D199

⚠ 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 one which is snug.
- 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)

⚠ 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)

BEFORE DRIVING

WARNING

(Continued)

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

Lap-Shoulder Belt

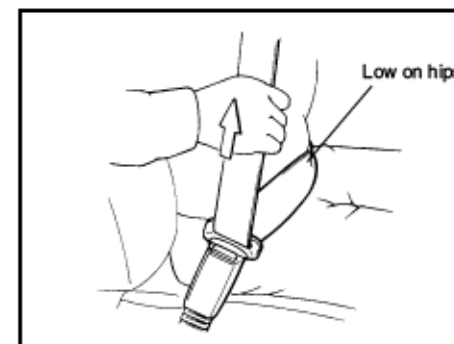
Emergency Locking Retractor (ELR) (if equipped)

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

Safety reminder



60A038

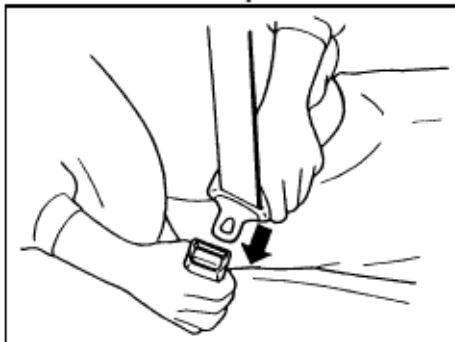


60A040

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

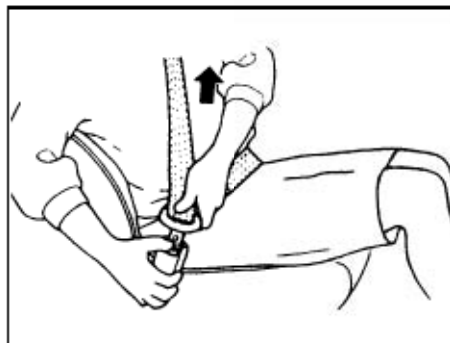
BEFORE DRIVING

All Seat Belts Except Rear Center



60A036

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

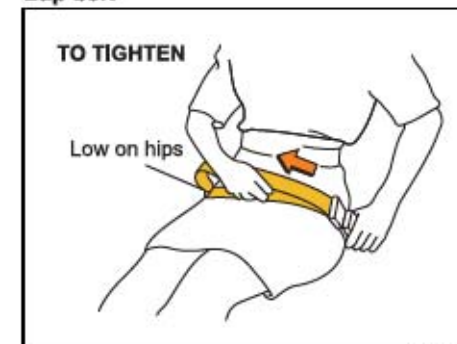


60A039

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

Rear Center Seat Belt

Lap belt

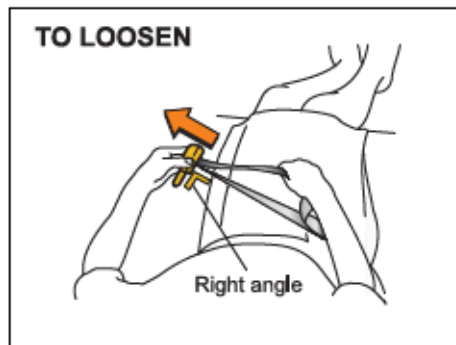


60JS028

Sit up straight and well back in the seat. 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.

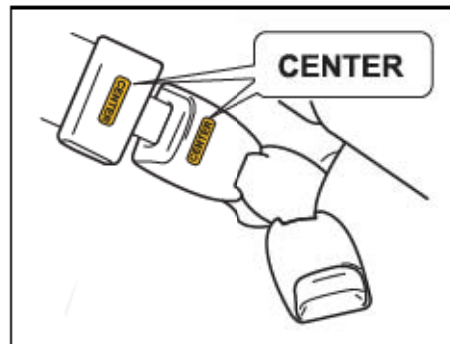
To tighten the belt, pull the free end of the belt across alongside the lap strap.

BEFORE DRIVING



60A046

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.

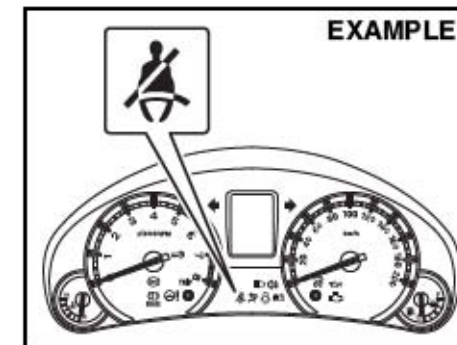


63J017

NOTE:

The word "CENTER" is molded on the buckle and latch plate of the centre lap belt. The buckles are designed so a latch plate can not be inserted into the wrong buckle.

Driver's Seat Belt Reminder (if equipped)



74LHT0214

When the driver does not buckle his or her seat belt with the ignition switch in the "ON" position, the driver's seat belt reminder light in the instrument cluster will blink until the driver's seat belt is buckled.

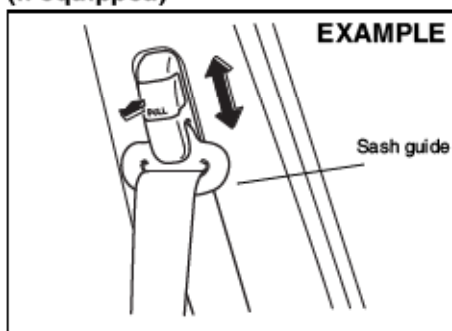
The reminder will be automatically canceled when the driver's seat belt is buckled or the ignition switch is turned off.

BEFORE DRIVING

⚠ WARNING

It is absolutely essential that the driver and passengers wear their seat belts at all times. Persons who are not wearing 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.

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 upward, slide the anchor up by pushing through the Sash guide. To 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 Hanger (if equipped)

EXAMPLE



74LHT0212

NOTICE

When you move a seatback, make sure the belt webbing is hooked in the seat belt hangers so the seat belts are not caught by the seatback, seat hinge, or seat latch. This helps prevent damage to the belt system.

Seat Belt Inspection

EXAMPLE



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 pretensioners were activated (that is, if the front air bags were activated).

BEFORE DRIVING

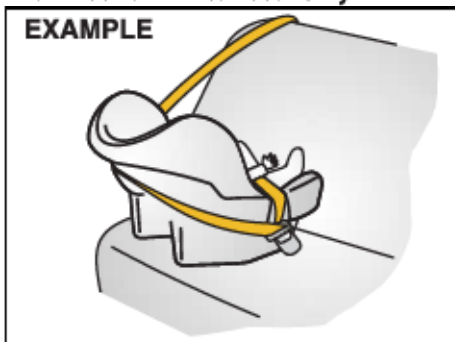
Child Restraint Systems



60G332S

Infant restraint - rear seat only

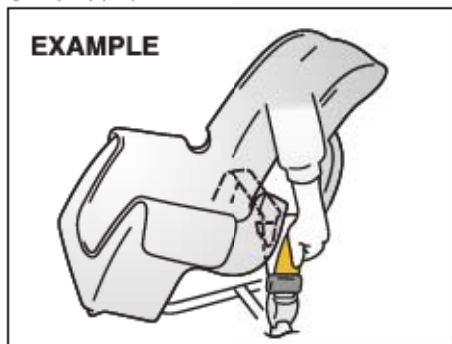
EXAMPLE



80JC007

Child restraint

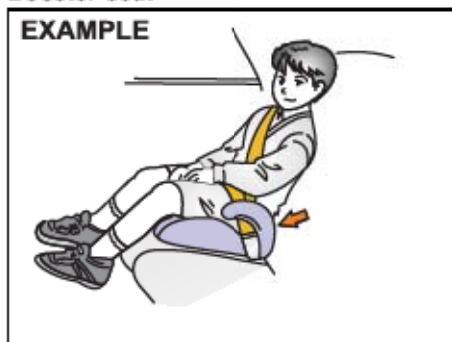
EXAMPLE



80JC016

Booster seat

EXAMPLE



80JC008

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

All child restraint systems are designed to be secured in vehicle seats by either seat belts (lap belts or the lap portion of lap-shoulder belts). Whenever possible, MARUTI SUZUKI recommends that child restraint systems be installed on the rear seat. According to accident statistics, children are safer when properly restrained in rear seating positions than in front seating positions.

If you must use a front-facing child restraint in the front passenger's seat, adjust the passenger's seat as far back as possible.

NOTE:

Observe any statutory regulation about child restraints.

BEFORE DRIVING



65D607

⚠ WARNING

If your vehicle is equipped with a front passenger air bag, do not install a rear-facing child restraint in the front passenger's seat. If the passenger's air bag inflates, a child in a rear-facing child restraint could be killed or seriously injured. The back of a rear-facing child restraint would be too close to the inflating air bag.

⚠ WARNING

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



65D608

⚠ WARNING

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

Installation with Lap-Shoulder Seat Belts

NOTICE

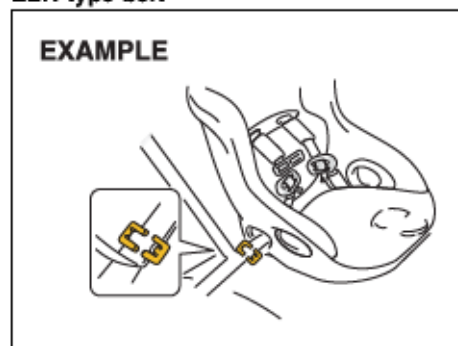
Before installing a child restraint system in the rear seat, raise the head restraint (if equipped) to the most upper position.



65D609

BEFORE DRIVING

ELR type belt

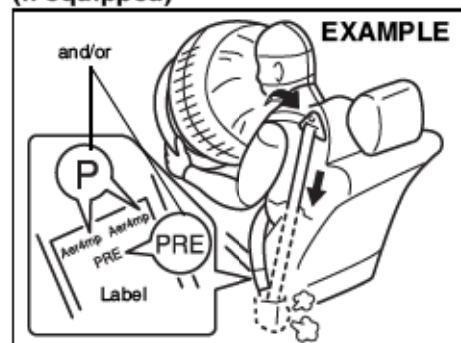


Install your child restraint system according to the instructions provided by the child restraint system manufacturer.

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.

Seat Belt Pretensioner System (if equipped)



⚠ WARNING

This section of the owner's manual describes your MARUTI SUZUKI'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. When the air bags are triggered, the pretensioners are also triggered. 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.

BEFORE DRIVING

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

Sit fully back in the seat; sit up straight; do not lean forward or sideways. Adjust the belt so the lap portion of the belt is worn low across the pelvis, not across the waist. Please refer to the "Seat Adjustment" section and the instructions and precautions about the seat belts in this "Seat Belts and Child Restraint Systems" section for details on proper seat and seat belt adjustments.

Please note that the pretensioners along with the air bags will activate in severe frontal collisions. They are not designed to activate in rear impacts, side 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 serviced by an authorized MARUTI SUZUKI dealer as soon as possible.

If the "AIR BAG" light on the instrument cluster does not blink or come on briefly when the ignition switch is turned to the "ON" position, stays on for more than 10 seconds, or comes on while driving, the pretensioner system or the air bag system may not work properly. Have both systems

inspected by an authorized MARUTI SUZUKI dealer as soon as possible.

Service on or around the pretensioner system components or wiring must be performed only by an authorized MARUTI SUZUKI dealer who is specially trained. Improper service could result in unintended activation of pretensioners or could render the pretensioner inoperative. Either of these two conditions may result in personal injury.

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

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 MARUTI SUZUKI, ask your MARUTI SUZUKI dealer, body repair shop, or scrap yard for assistance.

Supplemental Restraint System (air bags) (if equipped)

WARNING

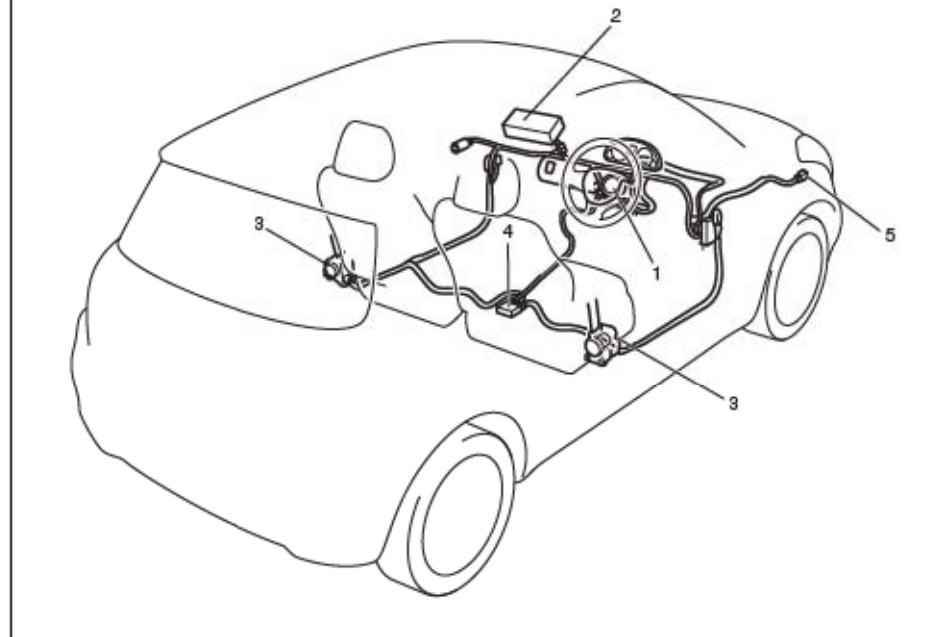
This section of the owner's manual describes the protection provided by your MARUTI SUZUKI's SUPPLEMENTAL RESTRAINT SYSTEM (air bags).

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 (if equipped)
2. Front passenger's front air bag module (if equipped)
3. Seat belt pretensioners (if equipped)
4. Air bag controller (if equipped)
5. Forward crash sensor (if equipped)

EXAMPLE



74LHT0215

BEFORE DRIVING

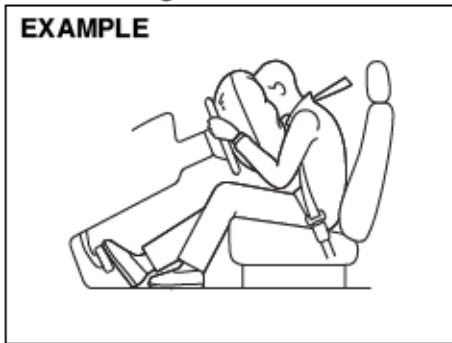


63J030

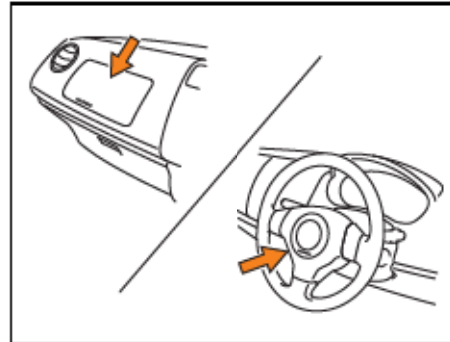
If the "AIR BAG" light on the instrument cluster does not blink or come on when the ignition switch is first turned to the "ON" position, or the "AIR BAG" light stays on, or comes on while driving, the air bag system (or the seat belt pretensioner system) may not work properly. Have the air bag system inspected by an authorized MARUTI SUZUKI dealer as soon as possible.

Front Air Bags

EXAMPLE



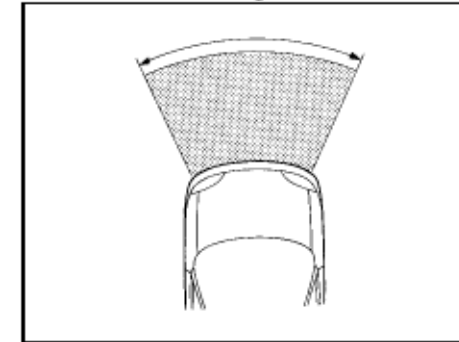
63J113



74LHT0237

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 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.

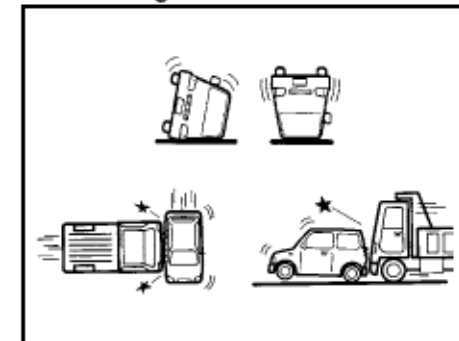
Frontal collision range



60G032

Front air bags are designed to inflate in severe frontal collisions.

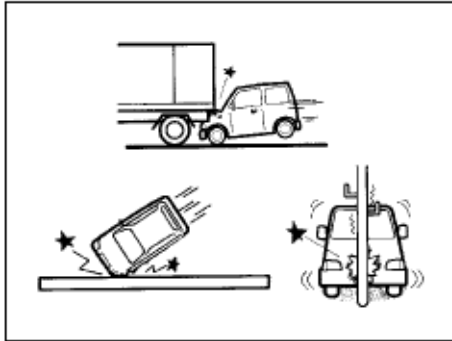
Front air bags will not inflate



65D236

BEFORE DRIVING

Front air bags will probably not inflate



65D237

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.

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.

WARNING

Do not install a rear-facing child restraint in the front passenger's seat. If the passenger's front air bag inflates, a child in a rear-facing child restraint could be killed or severely injured. The back of a rear-facing child restraint would be too close to the inflating air bag.

If you must use a front-facing child restraint in the front passenger's seat, be sure to move the front passenger's seat as far back as possible. Please refer to "Seat Belts and Child Restraint Systems" in this section for details on securing your child.



65D607

Air bag symbol (if equipped) meaning

EXAMPLE



67LH029

You may find this label on the sun visor.

⚠ WARNING

Do not use a rearward facing child restraint on a seat protected by an active airbag in front of it.

⚠ WARNING

If the AIR BAG light in the instrument cluster ever comes on and stays on, it means that something may be wrong with the air bag system. If this ever happens, have the vehicle serviced immediately, because the air bags may not offer the protection for which they were designed.

How the System Works

In a frontal collision, the crash sensors will detect rapid deceleration, and if the controller judges that the deceleration represents a severe frontal crash, the controller will trigger the inflators. The inflators inflate the appropriate 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 against a front air bag. 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 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. Front occupants should not lean on or sleep against the door. Please refer to the "Seat Adjustment" section and the "Seat Belts and Child Restraint Systems" in this section for details on proper seat and seat belt adjustments.



65D610

BEFORE DRIVING



65D610

⚠ WARNING

- The driver should not lean over the steering wheel. The front passenger should not rest his or her body against the dashboard, or otherwise get too close to the dashboard. In these situations, the out-of-position occupant would be too close to an inflating air bag, 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 air bag and the driver or front passenger. These objects may interfere with air bag operation or may be propelled by the air bag in the event of a crash. Either of these conditions may cause severe injury.

Note that even though your vehicle may be moderately damaged in a collision, the collision may not have been severe enough to trigger the air bags to inflate. If your vehicle sustains ANY front-end or side damage, have the air bag system inspected by an authorized MARUTI SUZUKI dealer 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.

Servicing the air bag system

If the air bags inflate, have the air bags and related components replaced by an authorized MARUTI SUZUKI dealer 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 the MARUTI SUZUKI dealer as soon as possible.

Special procedures are required for servicing or replacing an air bag. For that reason, only an authorized MARUTI SUZUKI dealer should be allowed to service or replace your air bags. Please remind anyone who services your MARUTI SUZUKI that it has air bags.

Service on or around air bag components or wiring must be performed only by an authorized MARUTI SUZUKI dealer. 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 for at least 90 seconds before performing any electrical service work on your MARUTI SUZUKI. 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.

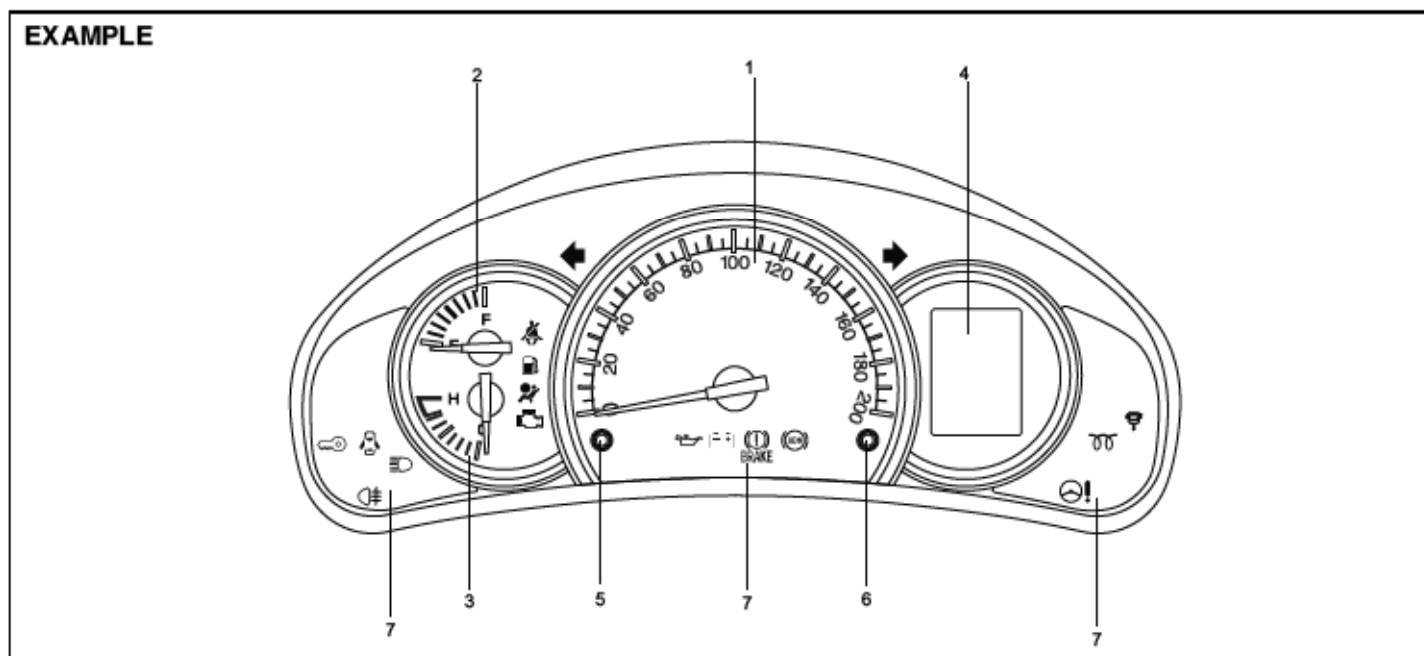
Scrapping a vehicle that has an uninflated air bag can be hazardous. Ask your dealer, body repair shop or scrap yard for help with disposal.

According to accident statistics, children are safer when properly restrained on rear seats than front passenger's seat whenever possible, MARUTI SUZUKI recommends that child restraint systems be installed the rear seat.

Instrument Cluster (without Tachometer)

1. Speedometer
2. Fuel gauge
3. Temperature gauge
4. Information display
5. Trip meter selector knob
6. Indicator selector knob
7. Warning and indicator lights

EXAMPLE

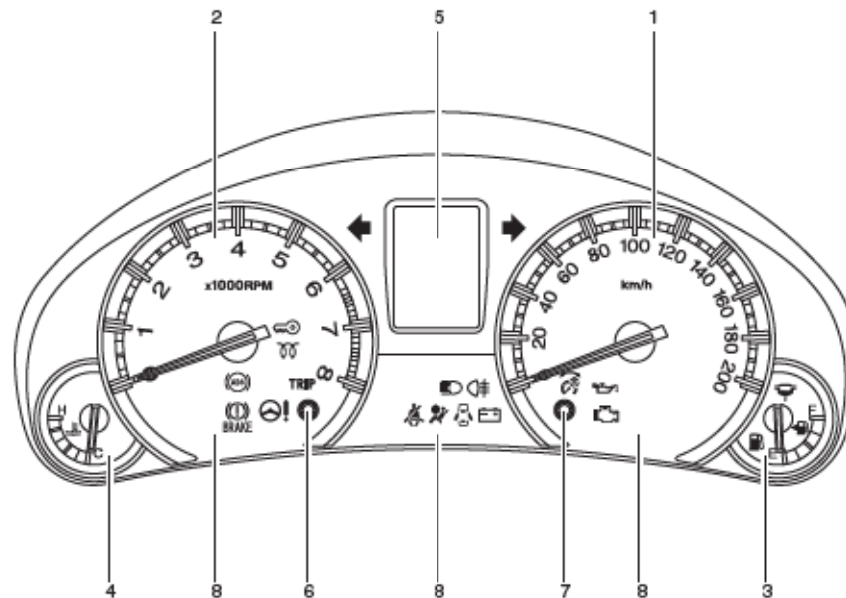


BEFORE DRIVING

Instrument Cluster (with Tachometer)

1. Speedometer
2. Tachometer
3. Fuel gauge
4. Temperature gauge
5. Information display
6. Trip meter selector knob
7. Indicator selector knob
8. Warning and indicator lights

EXAMPLE



74LHT0236

Warning and Indicator Lights

Brake System Warning Light



65D477

For working check of this light, there are following three different type operations depending on the vehicle's specification.

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

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

The light should go out after starting the engine and fully releasing the parking brake, if the fluid level in the brake fluid reservoir is adequate.

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

- 1) Pull off the road and stop carefully.

WARNING

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

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

WARNING

If any of the following conditions occur, you should immediately ask your MARUTI SUZUKI dealer to inspect the brake system.

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

NOTE:

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

BEFORE DRIVING

Anti-Lock Brake System (ABS) Warning Light (if equipped)



65D529

When the ignition switch is turned to the "ON" position, 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" 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 in the system.

If the light and the brake system warning light stay on, or come on simultaneously when driving, your ABS system is equipped with the rear brake force control function (proportioning valve function) and there may be something wrong with both the rear brake force control function and anti-lock function of the ABS system.

If one of these happens, have the system inspected by your MARUTI SUZUKI dealer.

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

Oil Pressure Light



50G051

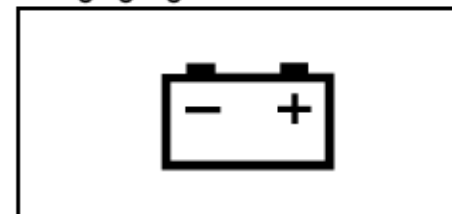
This light comes on when the ignition switch is turned to the "ON" position, and goes out when the engine is started. The light will come on and remain on if there is insufficient oil pressure. If the light comes on when driving, pull off the road as soon as you can and stop the engine.

Check the oil level and add oil if necessary. If there is enough oil, the lubrication system should be inspected by your MARUTI SUZUKI dealer 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

This light comes on when the ignition switch is turned to the "ON" position, and goes out when the engine is started. The light will come on and remain on if there is something wrong with the battery charging system. If the light comes on when the engine is running, the charging system should be inspected immediately by your MARUTI SUZUKI dealer.

BEFORE DRIVING

Seat Belt Warning Light (if equipped)



60G049

This light blinks as a reminder until the driver's seat belt is buckled.

"AIR BAG" Light (if equipped)



63J030

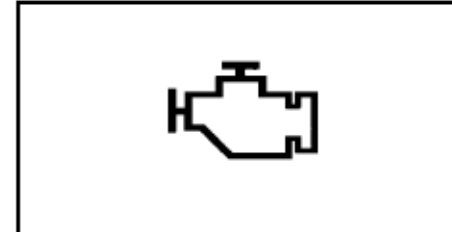
This light blinks or comes on for several seconds when the ignition switch is turned to the "ON" position so you can check if the light is working.

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 the "AIR BAG" light does not blink or come on briefly when the ignition switch is turned to the "ON" position, 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. Have both systems inspected by an authorized MARUTI SUZUKI dealer.

Malfunction Indicator Light



66D530

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

If the malfunction indicator light comes on or blinks when the engine is running, there is a damage in the emission control system.

Bring the vehicle to your MARUTI SUZUKI dealer to have the problem corrected.

BEFORE DRIVING

NOTICE

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

Immobilizer System Light



80JM122

When the ignition switch is turned to the "ON" position, this light comes on briefly so you can check that the light is working. If this light blinks with the ignition switch turned to the "ON", the engine will not start.

NOTE:

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 with the ignition switch turned to the "ON" position, there may be something wrong with your key or with the immobilizer system. Ask your MARUTI SUZUKI dealer to inspect the system.

Open Door Warning Light



54G391

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

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

Low Fuel Warning Light



54G343

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

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

If you do not fill the fuel, a ding sounds every time when the ignition switch is turned to the "ON" position.

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.

BEFORE DRIVING

Electric Power Steering Light



79J039

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

If this light comes on while driving, the power steering system may not work properly. Have the system inspected by your MARUTI SUZUKI dealer.

NOTE:

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

NOTE:

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

Rear Fog Light Indicator Light (if equipped)



54G491

The rear fog light indicator light comes on when the rear fog light operates.

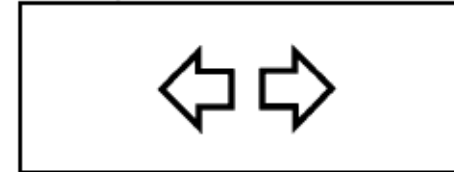
Transmission Warning Light (if equipped)



81A262

This light comes on for several seconds when the ignition switch is turned to the "ON" position so you can check the light is working. If this light comes on, there is the problem with the transmission system. Ask your MARUTI SUZUKI dealer to have the system inspected.

Turn Signal Indicators



50G055

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

BEFORE DRIVING

Water in Fuel Filter Warning Light (For Diesel only)

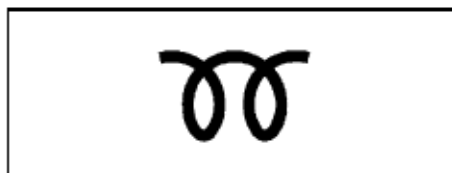


60A541

This light comes on for several seconds when the ignition switch is turned to the "ON" position so you can check the light is working.

If the light comes on when driving, there is a possibility to have water in the fuel filter. Drain water as soon as possible. For details of draining water, refer to "Fuel Filter" in the "INSPECTION AND MAINTENANCE" section.

Glow Plug Indicator Light (For Diesel only)



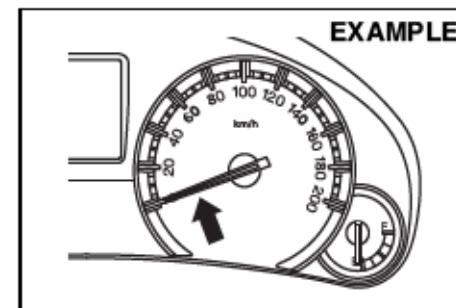
60A543

If the coolant temperature is cool enough, this light comes on when the ignition switch is turned to the "ON" position and goes out when the glow plug is heated enough for engine starting.

NOTE:

Following the repair on engine control unit (ECU) in the starting system, the glow plug indicator light comes on for approximately 10 seconds before the engine starts. This is not the engine malfunction.

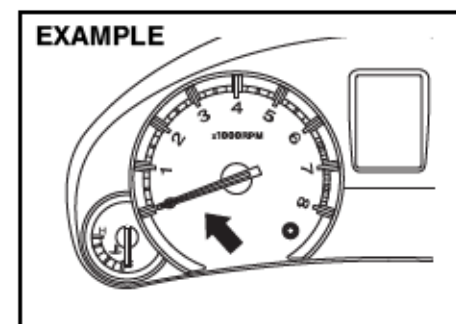
Speedometer



68LM223

The speedometer indicates vehicle speed in km/h.

Tachometer (if equipped)



68LM224

The tachometer indicates engine speed in revolutions per minute.

BEFORE DRIVING

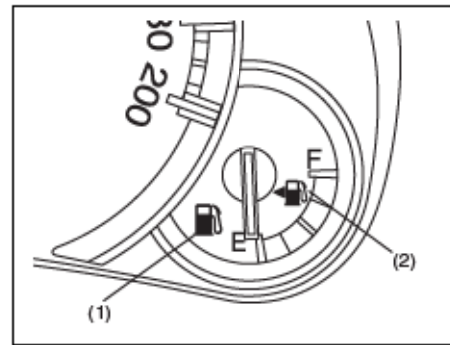
NOTICE

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.

NOTE:

Maximum engine speed is limited at approximately 5000 revolutions per minute by the fuel cut control when you press the accelerator pedal while the gearshift is in "N" (Neutral).

Fuel Gauge



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

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

NOTE:

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

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

When the low fuel warning light (1) comes on, a ding sounds once to remind you to fill the fuel.

If you do not fill the fuel, a ding sounds every time when the ignition switch is turned to "ON" position.

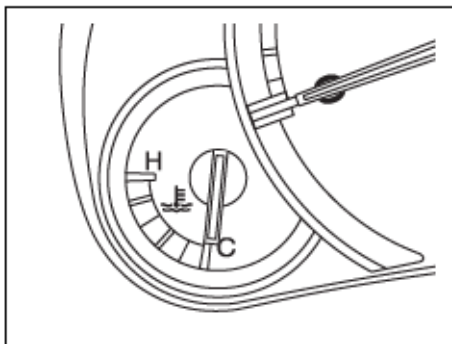
NOTE:

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.

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

BEFORE DRIVING

Temperature Gauge



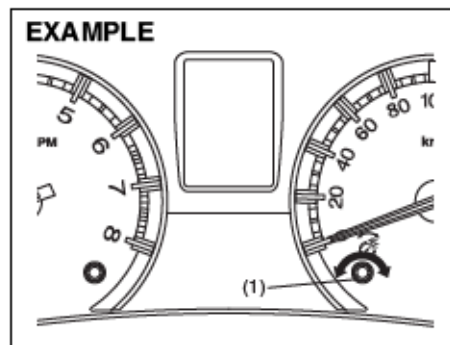
74LHT0221

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

NOTICE

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

Brightness Control



68LM227

When the ignition switch is turned to the "ON" position, the pointer 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.

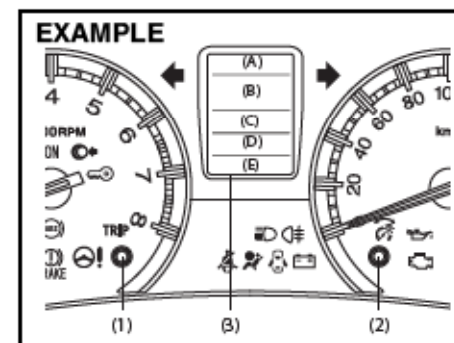
To increase the brightness of the instrument panel lights, turn the brightness control knob (1) clockwise.

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

NOTE:

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

Information Display



- (1) Trip meter selector knob
- (2) Indicator selector knob
- (3) Information display

When the ignition switch is in the "ON" position, the information display shows the following information.

BEFORE DRIVING

Display (A)
Thermometer

Display (B) (For automatic transmission)

Transmission selector Position Indicator

Display (C)

Trip meter / Instantaneous fuel consumption / Average fuel consumption / Driving range

Display (D)

Odometer

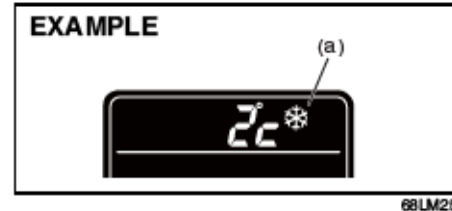
Display (E)

Clock

Thermometer (if equipped)

When the ignition switch is in the "ON" position, the display (A) shows the thermometer.

The thermometer indicates the outside temperature.



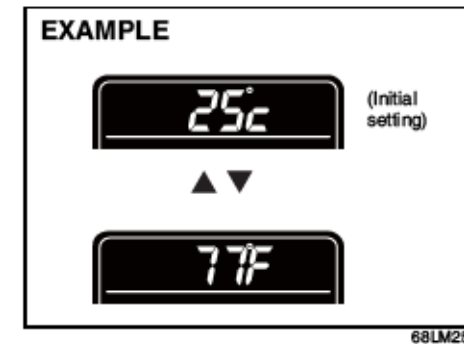
If the outside temperature nears freezing, the mark (a) will appear on the display.

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, 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).

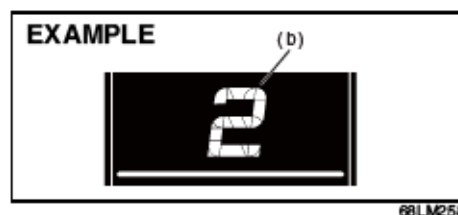


NOTE:

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

BEFORE DRIVING

Transmission selector position indicator (for automatic transmission vehicles)



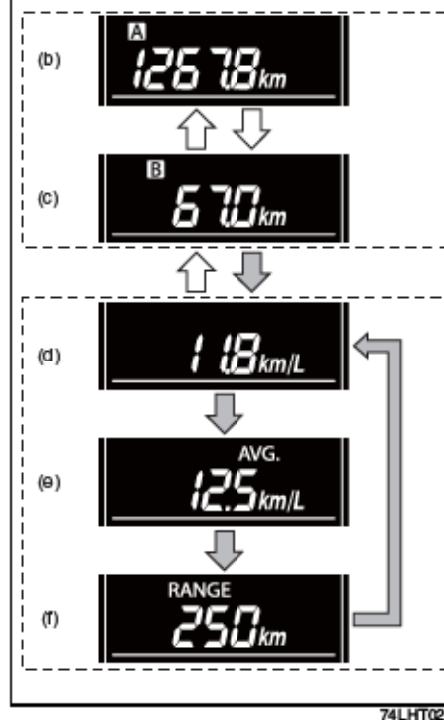
When the ignition switch is in the "ON" position or the ignition mode is "ON" the display (B) indicates the gear position (b). For details on how to use the transmission refer to "Using the transmission in the "OPERATING YOUR VEHICLE" section.

Trip meter / Instantaneous fuel consumption / Average fuel consumption / Driving range

When the ignition switch is in the "ON" position, the display (B) shows one of the following five indications, trip meter A, trip meter B, Instantaneous fuel consumption, Average fuel consumption or Driving range.

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

EXAMPLE



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

- (b) Trip meter A
- (c) Trip meter B
- (d) Instantaneous Fuel Consumption
- (e) Average fuel consumption
- (f) 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

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

If you selected instantaneous fuel consumption the last time you drove the vehicle, the display does not show the last value of instantaneous fuel consumption from previous driving when the ignition switch is turned to the "ON" position. The display shows the value only when the vehicle is moving.

NOTE:

- The display does not show the value unless the vehicle is moving.
- Depending on the vehicle's specification, the initial setting for the fuel consumption unit is indicated as L/100km, km/L or MPG.
- For "L/100km" or "km/L" setting, the indicated maximum value of instantaneous fuel consumption is 30. No more than 30 will be indicated on the display even if the actual instantaneous fuel consumption is higher.
- For "MPG" setting, the indicated maximum value of instantaneous fuel consumption is 99.9. No more than 99.9 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.

- For "L/100km" or "km/L" setting, you can change the units that instantaneous fuel consumption is displayed in. Refer to "Average fuel consumption" in this section.

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 indication of the instantaneous fuel consumption will be reinitialized. Change the indication again to your preference.

BEFORE DRIVING

Average fuel consumption

If you selected average fuel consumption the last time you drove the vehicle, the display shows the last value of average fuel consumption from previous driving when the ignition switch is turned to the "ON" position. 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.

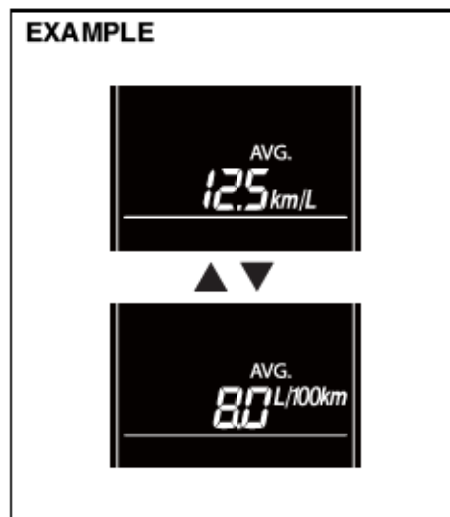
NOTE:

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.

For "L/100 KM" or "KM/L" setting

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



68LM262

NOTE:

Depending on the vehicle's specification, the fuel consumption units of initial setting are indicated as km/L or L/100km.

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.

Driving range

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

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, 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.

Odometer

When the ignition switch is in the "ON" position, 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.

Clock

When the ignition switch is in the "ON" position, the display (D) 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).

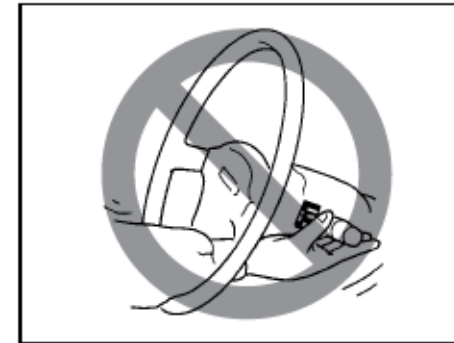
⚠ WARNING

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.

Lighting Control Lever

65D611

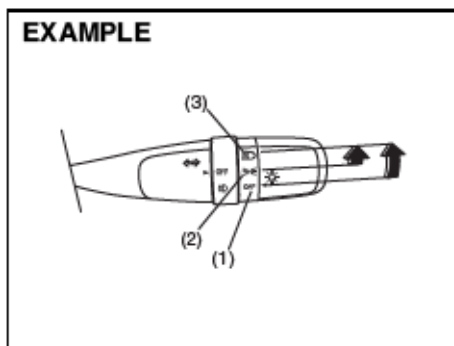
⚠ WARNING

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

BEFORE DRIVING

Lighting Operation

EXAMPLE



74LHT0224

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.

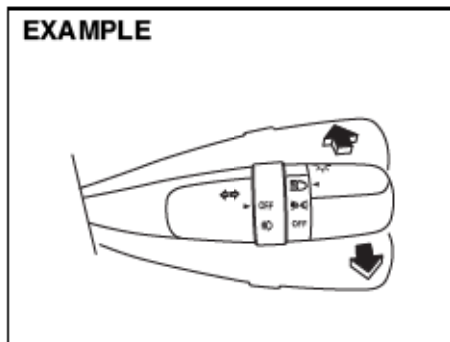
☞ (2)

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



74LHT0225

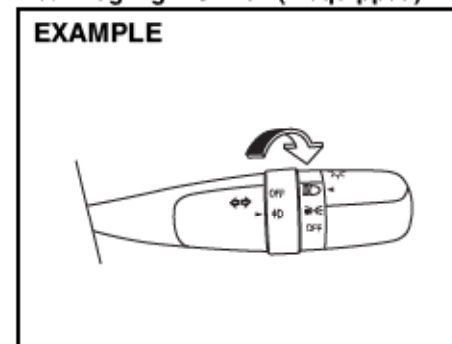
With the headlights on, push the lever forward to switch to the high beams (main beams) or pull the lever toward you to switch to the low beams. When the high beams (main beams) are on, a light on the instrument panel will come on. To momentarily activate the high beams (main beams) as a passing signal,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

Light Reminder Buzzer (if equipped)

A buzzer sounds to remind you to turn off the lights if they are left on when the ignition key is removed and the driver's door is opened.

Rear Fog Light Switch (if equipped)

EXAMPLE

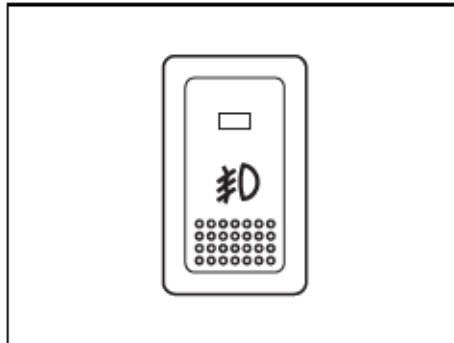


74LHT0226

To turn the rear fog light on, twist the knob as shown in the illustration with the headlights are on. When the rear fog light is on, an indicator light on the instrument cluster will come on.

BEFORE DRIVING

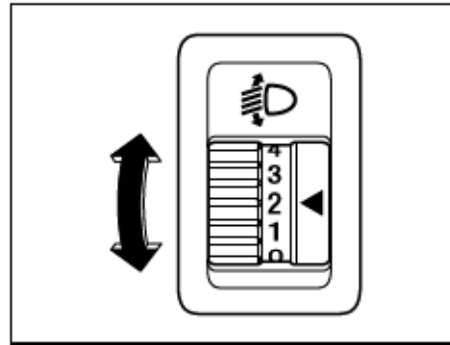
Front Fog Light Switch (if equipped)



64J058

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

Headlight Leveling Switch



8QJM040

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)	1
Driver + 4 passengers, no cargo	2
Driver + 4 passengers, cargo added	2
Driver + full cargo	3

BEFORE DRIVING

Turn Signal Control Lever



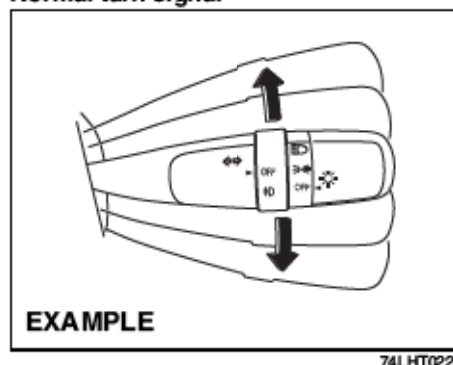
WARNING

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, move the lever up or down to activate the left or right turn signals.

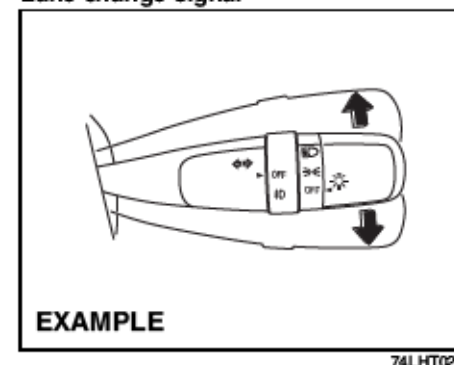
Normal turn signal



EXAMPLE

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

Lane change signal

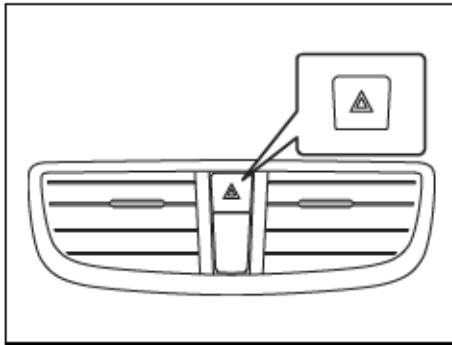


EXAMPLE

Some times, such as when changing lanes, the steering wheel is not turned far enough to cancel the turn signal. For convenience, you can flash the turn signal by moving the lever part way and holding it there. The lever will return to its normal position when you release it.

BEFORE DRIVING

Hazard Warning Switch



74LHT0229

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

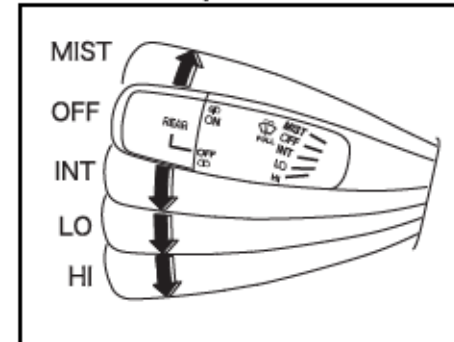


57L21128

WARNING

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

Windshield Wipers



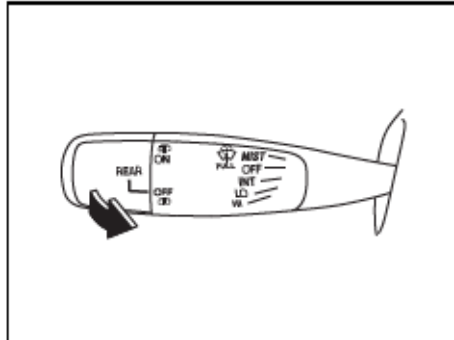
74LHT0230

To turn the windshield wipers on, move the lever down to one of the three operating positions. In the "INT" position, the wipers operate with "LO" speed & with a gap between two wipes/wipe cycle. 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 Washer



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

WARNING

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

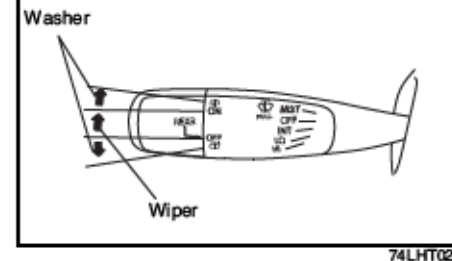
NOTICE

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

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

Rear Window Wiper/Washer Switch (if equipped)

EXAMPLE



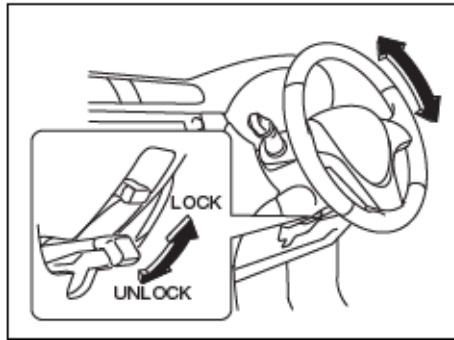
To turn the rear wiper on, twist the rear wiper switch on the end of the lever forward to the "ON" position. To turn the rear wiper off, twist the switch rearward to the "OFF" position.

To spray window washer fluid, twist the switch rearward from the "OFF" position, or twist the switch forward from the "ON" position. The rear wiper will turn on automatically while spraying the 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



74LHT0333

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

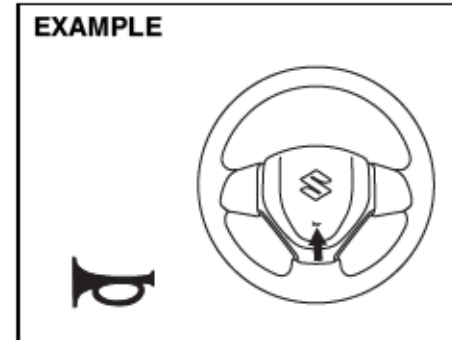
- 1) Push down the lock lever to unlock the steering column.
- 2) Adjust the steering wheel to the desired height and lock the steering column by pulling up the lock lever.
- 3) Try moving the steering wheel up and down to make sure it is securely locked in position.

WARNING

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

Horn

EXAMPLE



68LM240

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

BEFORE DRIVING

MEMO

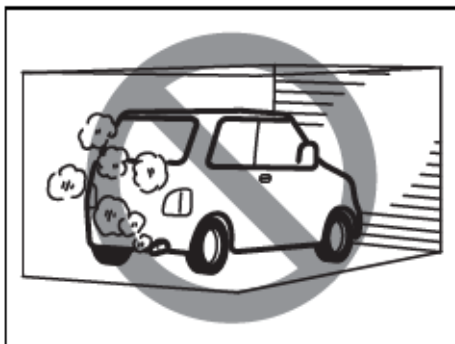
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OPERATING YOUR VEHICLE

Exhaust Gas Warning	3-1
Daily Inspection Checklist	3-1
Engine Oil Consumption	3-2
Ignition Switch	3-3
Parking Brake Lever	3-4
Pedal	3-6
Starting the Engine	3-6
Using the Transmission	3-7
Braking	3-8

OPERATING YOUR VEHICLE

Exhaust Gas Warning



52D334

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 the air intake selector is set to "FRESH AIR" and the blower is at high speed.
- Avoid operating the vehicle with the tailgate or trunk open. If it is necessary to operate the vehicle with the tailgate or trunk open, make sure 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 grille in front of the windshield clear of snow, leaves or other obstructions at all times.
- Keep the exhaust tailpipe area clear of snow and other material to help reduce the buildup of exhaust gases under the vehicle. This is particularly important when parked in blizzard conditions.
- Have the exhaust system inspected periodically for damage and leaks. Any damage or leaks should be repaired immediately.

Daily Inspection Checklist

Before Driving



60A187S

- 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 bolts
 - existence of foreign material such as nails, stones, etc.
- 3) Look for fluid and oil leaks.

NOTE:

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

**Daily Inspection Checklist: NO
Engine Oil Consumption:**

- 4) Make sure the bonnet is fully closed and latched.
- 5) Check the headlights, turn signal lights, brake lights and horn for proper operation.
- 6) Adjust the seat and adjustable 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.
- 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) Battery solution level
- 5) Windshield washer fluid level
- 6) Bonnet latch operation

Pull the bonnet release handle inside the vehicle. Make sure that you cannot open the bonnet all the way without releasing the secondary latch. Be sure to close the bonnet securely after checking for proper latch operation. See "All latches, hinges and locks" of "CHASSIS AND BODY" in the "Periodic Maintenance Schedule" in the "INSPECTION AND MAINTENANCE" section for lubrication schedule.

⚠ WARNING

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

Once a month, or each time you fill your fuel tank, check the tire pressure using a tire pressure gauge. Also check the tire pressure of the spare tire.

OPERATING YOUR VEHICLE

Engine Oil Consumption

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

The amount of engine oil consumed depends on the viscosity of the oil, the quality of the oil and the conditions the vehicle is driven under.

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 (3000 miles) driving.

OPERATING YOUR VEHICLE

Oil consumption: Max. 1.0 L per 1000 km (1 Qt. per 600 miles)

When judging the amount of oil consumption, note that the oil may become diluted and make it difficult to accurately judge the true 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 (600 miles) or more of driving. This is because the oil is gradually becoming diluted with fuel or moisture, making it appear that the oil level has not changed.

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

Ignition Switch



65D611

WARNING

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

EXAMPLE



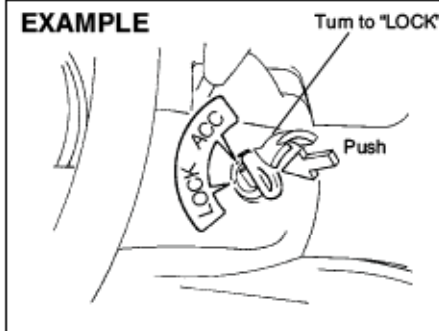
60B041

The ignition switch has the following four positions:

LOCK

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

EXAMPLE



60G033

Manual Transmission 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.

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.

OPERATING YOUR VEHICLE

Automatic Transmission Vehicles

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

ACC

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

ON

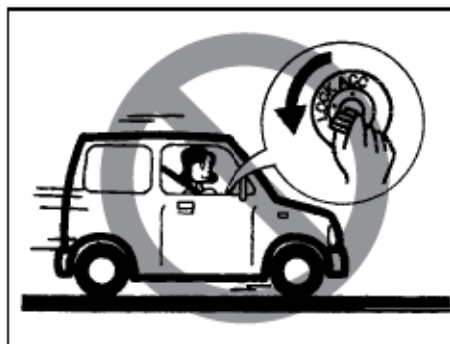
This is the normal operating position. All electrical systems are on.

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.



81A297S

⚠ WARNING

- Never return the ignition switch to the "LOCK" position and remove the ignition key while the vehicle is moving. The steering wheel will lock and you will not be able to steer the vehicle.

(Continued)

⚠ WARNING

(Continued)

- Always 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 could cause accidental movement of the vehicle or could tamper with power windows. They also could suffer from heat stroke in warm or hot weather. These could result in severe injury or even death.

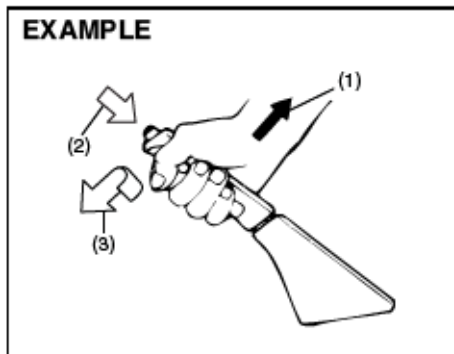
NOTICE

- Do not use the starter motor for more than 15 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 MAR-UTI SUZUKI dealer.
- Do not leave the ignition switch in the "ON" position if the engine is not running as the battery will discharge.

OPERATING YOUR VEHICLE

Parking Brake Lever

EXAMPLE



54G039

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

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

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

When preparing to drive the vehicle, move the gearshift lever out of the "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 an authorized MARUTI SUZUKI dealer.

⚠ WARNING

Always set the parking brake fully before leaving your vehicle or it may move, causing injury or damage. When parking, make sure the gearshift lever for manual transmission vehicles is in 1st gear or "R" (Reverse) and the gearshift lever for automatic transmission vehicles is in "P" (Park). Remember, even though the transmission is in gear or in Park, you must set the parking brake fully.

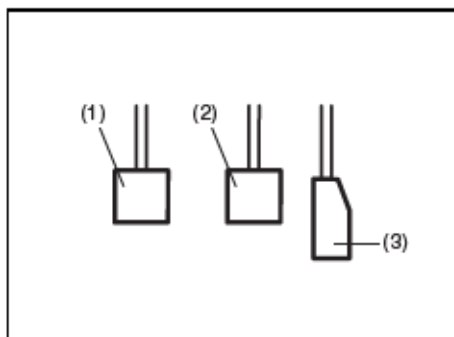
⚠ WARNING

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

- 1) Set the parking brake.
- 2) Manual transmission - turn off the engine, then shift into reverse or first gear.
Automatic transmission - 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.

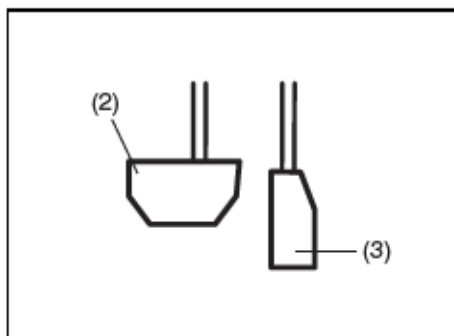
OPERATING YOUR VEHICLE

Pedal



80J2121

Automatic Transmission



80J2121

Clutch Pedal (1)

The clutch pedal is used to disengage the drive to the wheels when starting the engine, stopping, or shifting the gearshift lever. Depressing the pedal disengages the clutch.

⚠ WARNING

- Do not drive with your foot resting on the clutch pedal. It could result in excessive clutch wear, clutch damage, or unexpected loss of engine braking.

NOTICE

- Do not pump the clutch pedal repeatedly. It may result in pressure built up in the clutch circuit and damage to the clutch system.

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 cold, wet, snow, etc.

⚠ WARNING

If brake squeal is excessive and occurs each time the brakes are applied, you should have the brakes checked by your MARUTI SUZUKI dealer.

⚠ WARNING

Do not "ride" the brakes by applying them continuously or resting your foot on the pedal. This will result in overheating of the brakes which could cause unpredictable braking action, longer stopping distances, or permanent brake damage.

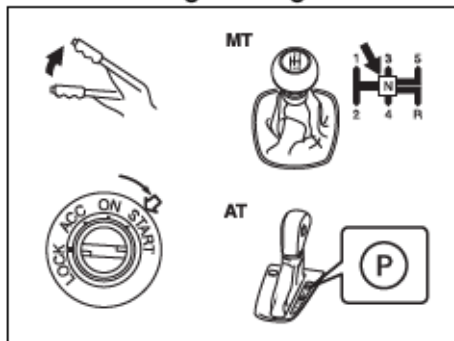
Accelerator Pedal (3)

This pedal controls the speed of the engine. Depressing the accelerator pedal increases power output and speed.

OPERATING YOUR VEHICLE

Starting the Engine

Before Starting the Engine



71LMT0301

- 1) Make sure the parking brake is set fully.
- 2) Manual transmission – Shift into “N” (Neutral) and depress the clutch pedal all the way to the floor. Hold the clutch pedal while starting the engine.
Automatic transmission – If the gear-shift 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 transmission vehicles have a starter interlock device which is designed to keep the starter from operating if the transmission is in any of the drive positions.

⚠ WARNING

Make sure that the parking brake is set fully and the transmission is in Neutral before attempting to start the engine.

Starting a Cold and Warm Engine (For Petrol Engine Model)

With your foot 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 15 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 15 seconds of cranking, wait about 15 seconds, then press down the accelerator pedal to 1/3 of its travel and try cranking the engine again. Release the key and 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. This should clear the engine if it is flooded.

(For Diesel Engine Model)

Cold engine

Turn the ignition switch to the “ON” position and wait until the glow plug indicator goes out if it comes on. 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 15 seconds at a time. If the engine doesn't start on the first try, wait about 15 seconds before trying again.

Warm engine

Crank the engine by turning the ignition key to “START”. Release the key when the engine starts.

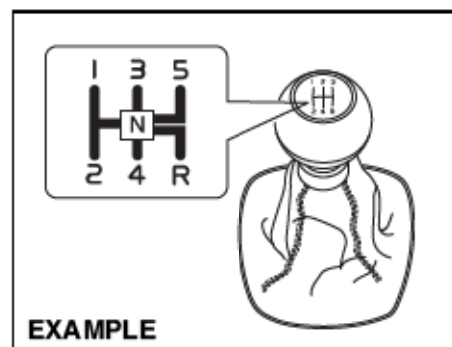
OPERATING YOUR VEHICLE

Caution when stopping the engine with turbocharger

When stopping the engine after climbing or high speed driving, let the engine idle for about one minute or more (if it is not prohibited) to cool down the turbocharger and engine oil. This is to prevent the engine oil from over-deteriorating. Deteriorated engine oil will damage the bearings of the turbocharger.

Restarting diesel engine after fuel-empty stop

The engine stops and the malfunction indicator light comes on if the engine feels fuel emptiness. To restart the engine, stop the vehicles, hold the ignition key in "ON" position for 5–10 seconds to feed fuel, then perform above engine starting procedure. Have the indicator light turned off by your MARUTI SUZUKI dealer.

Using the Transmission Manual Transmission

68LM324

Starting off

To start off, push 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.

Gear changing

All forward gears are synchronized, which provides for quiet, and easy changing. Always depress the clutch pedal all the way to the floor before shifting gears. Maintain the engine speed, so it does not get into the red zone of tachometer.

Downshifting maximum allowable speeds**For Petrol engine**

Downshifting	Km/h
2nd to 1st	20
3rd to 2nd	54
4th to 3rd	80
5th to 4th	112*

For Diesel engine

Downshifting	Km/h
2nd to 1st	24
3rd to 2nd	60
4th to 3rd	92
5th to 4th	125*

***NOTE:**

You may not accelerate to the maximum allowable speed because of the driving situation and/or the vehicle condition.

OPERATING YOUR VEHICLE

NOTICE

When downshifting to a lower gear, make sure not to downshift at the speed faster than the maximum allowable speeds for the next lower speed, or severe engine damage 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.

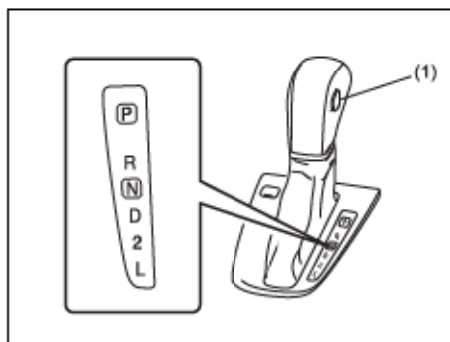
NOTICE

- Make sure that the vehicle is completely stationary before you shift into reverse.

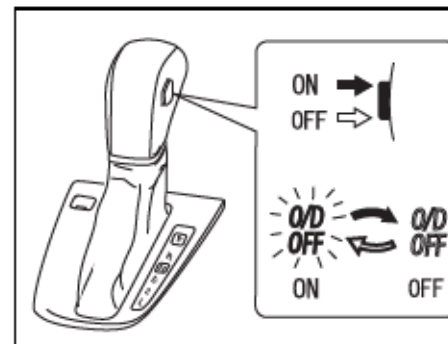
NOTICE

- 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 to smooth shifting.

4-Speed Automatic Transmission



(1) Overdrive off switch



68LM324

Overdrive off switch

The transmission is a 4-speed (3-speed plus overdrive) automatic transmission. By operating the overdrive off switch, the transmission can be converted to a 3-speed automatic transmission that will not move to the overdrive position. To convert the transmission to the 3-speed mode, push in the overdrive off switch and release it.

To return the transmission to the 4-speed mode, push in the overdrive off switch again.

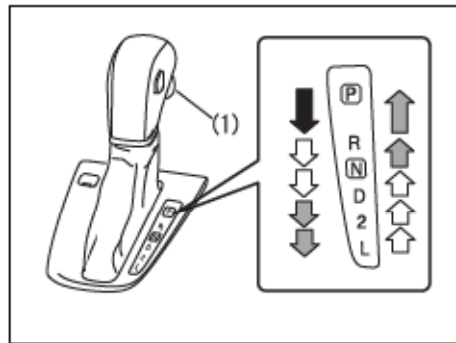
When the ignition switch is turned to the "ACC" position or the engine switch is pressed to change the ignition mode to "ACC", the transmission in the 3-speed mode is converted to the 4-speed mode automatically.

OPERATING YOUR VEHICLE

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



68LM324

(1) knob button

The gearshift lever is designed so that it cannot be shifted out of the "P" position unless the ignition switch is in the "ON" position or the ignition mode is "ON" and the brake pedal is depressed.

⚠ 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 transmission 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.

OPERATING YOUR VEHICLE

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.

NOTICE

Be sure to take the following precautions to help avoid damage to the automatic transmission :

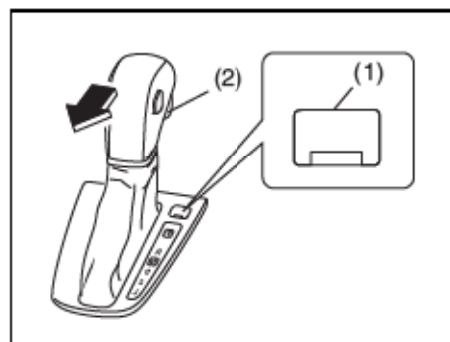
- Make sure that the vehicle is completely stationary before shifting into "P" or "R".
- Do not shift from "P" or "N" to "R", "D", "2", or "L" when the engine is running above idle speed.
- Do not rev the engine with the transmission in a drive position ("R", "D", "2", or "L") and the front wheels not moving.

NOTICE

- Do not use the accelerator to hold the vehicle on a hill. Use the vehicle's brakes.

If You Cannot Shift Automatic transmission Gearshift Lever Out of "P" (PARK)

Automatic transmission

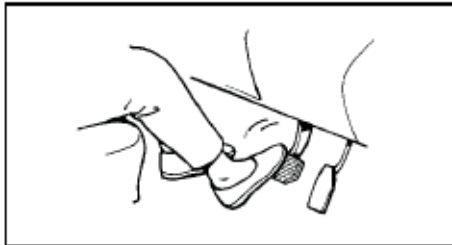


Vehicles with an automatic transmission have an electrically operated parklock feature. If the vehicle's battery is discharged, or there is some other electrical failure, the automatic transmission cannot be shifted out of Park in the normal way. Jump starting may correct the condition. If not, follow the procedure described below. This procedure will permit shifting the transmission 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 the "ON" or "ACC" position, or the ignition mode is "ON" or "ACC".
- 4) Remove the cover (1) over the button.
- 5) With the release button (1) pushed by the key or the flat end rod, 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 your dealer for repair.

Braking



60G165S

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 (37 mph) will be approximately 4 times greater than the braking distance needed at 30 km/h (19 mph). Start to brake the vehicle when there is plenty of distance between your vehicle and the stopping point, and slow down gradually.

WARNING

If water gets into the brake drums, 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.

Power-Assisted Brakes (if equipped)

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.

Brake Assist System (if equipped)

When you slam the brakes on, the brake assist system judges as an emergency stop and provides more powerful braking for a driver who cannot hold down the brake pedal firmly.

NOTE:

If you quickly and forcefully depress the brakes, you may hear a clicking sound in the brake pedal. This is normal and indicates that the brake assist system is activated properly.

OPERATING YOUR VEHICLE

Anti-Lock Brake System (ABS) (if equipped)

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 (6mph).

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.

(Continued)

WARNING

(Continued)

- 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 faster than conditions will safely allow.



(1)



(2)

63J081

- (1) ABS warning light
(2) Brake system warning light

⚠ 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. Contact your MARUTI SUZUKI dealer 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.
- If the ABS warning light (1) and the Brake system warning light (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. Contact your MARUTI SUZUKI dealer 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 after a stop, you may hear a momentary motor or clicking noise as the system resets or checks itself.

⚠ 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

MEMO

DRIVING TIPS

Running-in	4-1
Catalytic Converter	4-1
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
Do's and Dont's for Safe Driving	4-6

DRIVING TIPS



52D078S

⚠ WARNING

- **Wear Your Seat Belts at All Times.** Even though air bags are equipped at the front seating positions, the driver and all passengers should be properly restrained at all times, using the seat belts provided. Refer to the "Seat Belts and Child Restraint Systems" section for instructions on proper use of the seat belts.
- **Never drive while 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

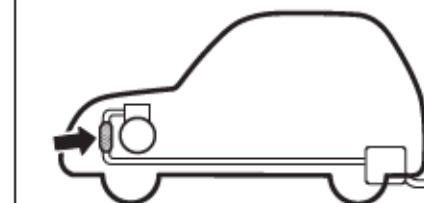
NOTICE

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 initial 960 km (600 miles) 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 (200 miles) of driving.
- Do not drive slowly with the trans-axle in a high gear.
- Drive the vehicle at moderate engine speeds.

Catalytic Converter

EXAMPLE



80G106

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 catalyst. This may result in permanent heat damage to the catalyst and other vehicle components.

DRIVING TIPS

NOTICE

To minimize the possibility of catalyst 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 transmission is in gear and the vehicle is in motion.
- Do not try to start the engine by pushing or towing the vehicle, or coasting down a hill.
- Do not idle the engine with any spark plug wires disconnected or removed, such as during diagnostic testing.
- Do not idle the vehicle for prolonged periods if idling seems rough or there are other malfunctions.
- Do not allow the fuel tank to get near the empty level.



54G584S

⚠ 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 are to wait for more than a minute while you are parked, stop the engine and start it again later. When warming up a cold engine, allow the engine to idle until the temperature gauge pointer comes up to the "C" position (if the idling is not prohibited). In this position, the engine is sufficiently warm for starting off.

Avoid "fast" starts

Fast starts away from lights or stop signs will consume fuel unnecessarily and shorten engine life. Start off slowly.

Avoid unnecessary stops

Avoid unnecessary deceleration and stopping. Try to maintain a slow, steady speed whenever possible. Slowing down and then accelerating again uses more fuel.

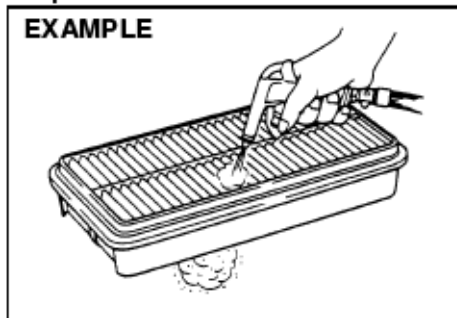
Keep a steady cruising speed

Keep as constant a speed as road and traffic conditions will permit.

DRIVING TIPS

Keep the air cleaner clean

EXAMPLE



60A188S

A dirty air cleaner will cause the fuel supply system to supply too much fuel to the engine for the amount of air being supplied. The result is waste of fuel due to incomplete combustion.

(Diesel Engine)

No cleaning is required. Replace as per periodic maintenance schedule.

Keep weight to a minimum

The heavier the load, the more fuel the vehicle consumes. Take out any luggage or cargo when it is not necessary.

Keep tyre pressures correct

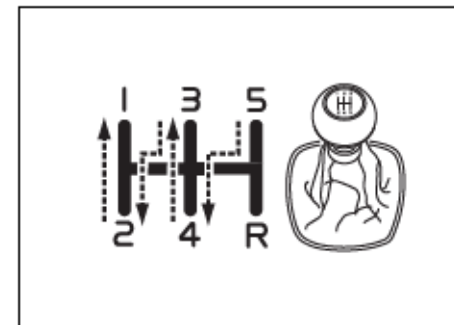
Underinflation of the tyres can waste fuel due to increased running resistance of the tyres. Keep your tyres inflated to the correct pressure shown on the label on the driver's side door or the driver's door lock pillar.

Highway Driving

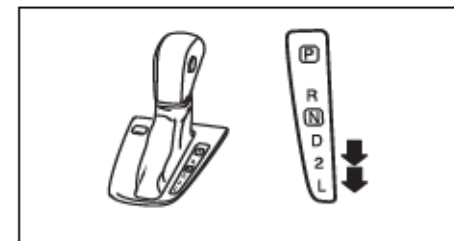
When driving at highway speeds, pay attention to the following:

- Stopping distance progressively increases with vehicle speed. Apply the brakes far enough ahead of the stopping point to allow for the extra stopping distance.
- On rainy days, "Aquaplaning" can occur. "Aquaplaning" 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 while "Aquaplaning" 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



71LMT0401



71LMT0401

- When climbing steep hills, the vehicle may begin to slow down and show a lack of power. If this happens, you should shift to a lower gear so that the engine will again be operating in its normal power range. Shift rapidly to prevent the vehicle from losing momentum.

DRIVING TIPS

- When driving down a hill, the engine should be used for braking by shifting to next lower gear.

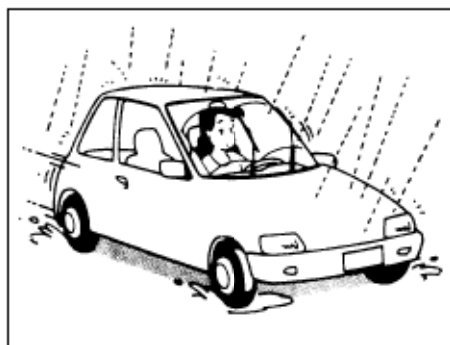
⚠ WARNING

Try not to 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 down hill, **NEVER** turn the ignition key to the "OFF" position. Emission control system and automatic transmission damage may result.

Driving on Slippery Roads



Under wet road conditions you should drive at a lower speed than 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.

If Your Vehicle Gets Stuck

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

- 1) Change back and forth between first gear and reverse. This will create a rocking motion which may give you enough momentum to free the vehicle. Press gently on the accelerator to keep wheel spinning to a minimum wheel rpm. Remove your foot from the accelerator while changing gear. 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, get another vehicle to pull your vehicle out.

⚠ 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 (25 mph) on the speedometer. Personal injury and/or vehicle damage may result from spinning the wheels too fast.

DRIVING TIPS

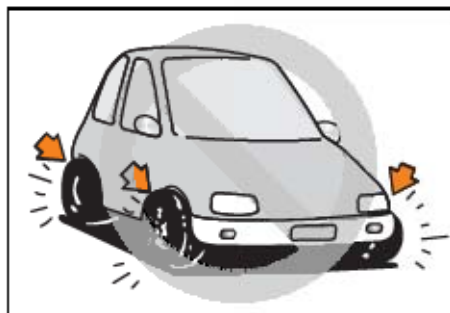
NOTICE

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

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 till water level drops.
- Water is incompressible substance, water inside engine is harmful to the engine."



54G074S

⚠ WARNING

In addition to following the driving tips in this section, it is important to observe the following precautions.

- Make sure your tyres are in good condition and always maintain the specified tyre pressure. Refer to "Tyres" in the "INSPECTION AND MAINTENANCE" section for details.
- Do not use tyres other than those specified by MARUTI SUZUKI. Never use different sizes or types of tyres on the front and rear wheels. For information regarding the specified tyres, refer to the Tyre Inflation Pressure Label located on the driver's side door pillar.

(Continued)

⚠ WARNING

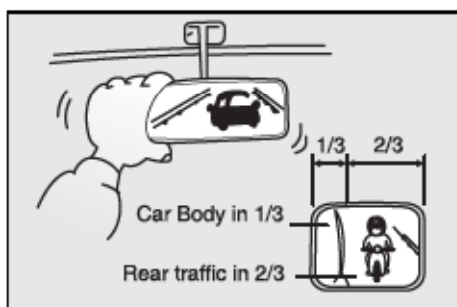
(Continued)

- Never use oversized tyres or special shock absorbers and springs to raise (jack up) your vehicle. This will change the handling characteristics. Oversized tyres may also rub against the fender over bumps, causing vehicle damage or tyre 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.

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.

This section contains basic rules for safe driving. Read it carefully for good understanding of the content so that you can enjoy safe and pleasant driving in your Maruti Suzuki vehicle.



72F-08-002

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.
- 3) Before moving off, look forward and back to confirm safety.
- 4) Don't start quickly, since it is dangerous and wastes fuel.

General driving

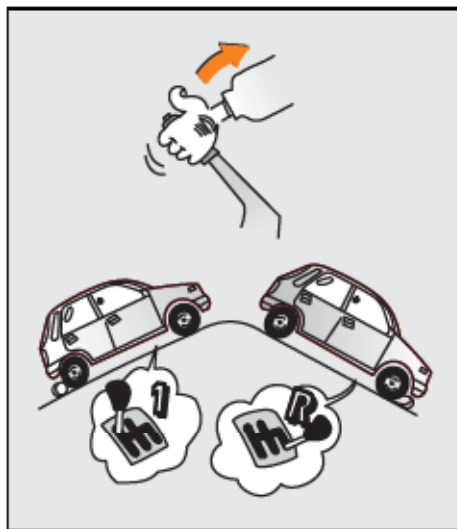
- 1) Be sure to stop before the stop light and stop sign. When moving into the inter-section without any traffic lights or signs, drive slowly to confirm safety.



72F-08-002

- 2) Always follow other vehicles at a safe distance in order to prevent a rear-end collision, in case the vehicle ahead make a sudden stop.
- 3) Turn ON the turn signal at least 30 meters before making a turn or changing the lane so as not to be hit from behind.
- 4) Before entering a corner, decelerate to a safe speed. Don't apply brakes during cornering, or a cornering skid may occur.
- 5) When overtaking other vehicles, watch out for the oncoming vehicle and carefully confirm the safety.
- 6) Don't attempt zigzag driving which will hinder your control over the vehicle and cause an accident.

DRIVING TIPS



72F-06-011

Braking

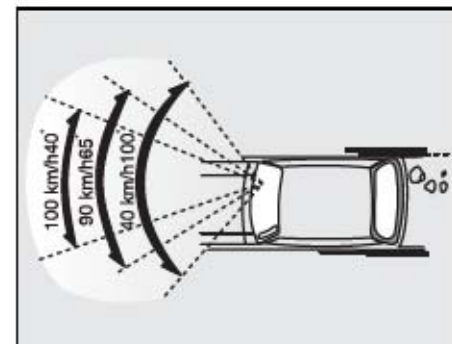
- 1) Use the parking brake when parking your vehicle and shift the gear shift lever into the first gear or reverse gear position for the sake of safety.
- 2) Don't use handbraking unless unavoidable. It causes the vehicle to skid and a rearend collision occur. It is especially dangerous when the tyres are worn, for they allow a larger skid.



72F-06-012

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 on a downhill, try not to apply the brake but use the engine brake effectively. Overuse of the foot-brake may result in total brake failure.
- 4) Avoid reckless high speed driving and try to drive at a safe speed suitable for the road conditions while maintaining a constant speed.



72F-06-015

- 5) 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 much fatigued.
- 6) Never do sharp handling during high speed driving. You will lose your control over your vehicle.
- 7) When overtaking or changing the lane while driving at a high speed, keep an ample vehicle-to-vehicle distance.

DRIVING TIPS

Long distance driving

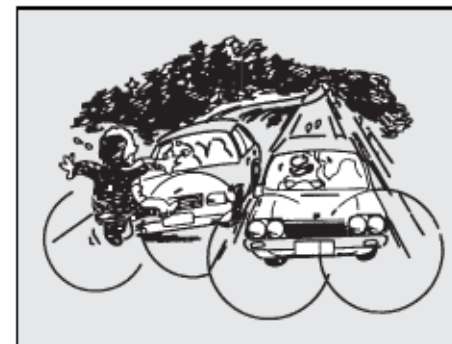
- 1) Be sure to perform safety checks before starting a trip.
- 2) Take rest at certain intervals to prevent an accident which may occur when you are sleepy or tired.



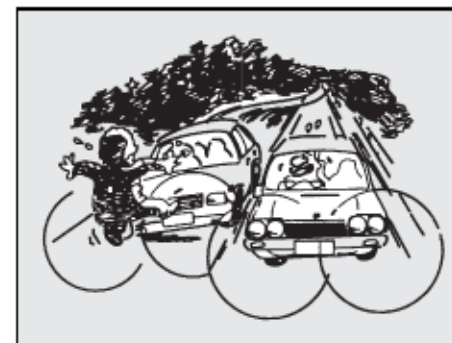
72F-08-015

Night time driving

- 1) Drive more slowly at night than in the daytime, for the visual range is restricted at night.
- 2) Don't overtake other vehicles at night. Darkness bothers your sense of speed and hinders your judgement on the vehicle-to-vehicle distance.
- 3) Don't use the high headlight beam unless its use is inevitable. Its dazzle may blitz the driver of the oncoming vehicle, thus causing an accident.
- 4) Always keep the window glasses clean. Don't operate the windshield wiper when the windshield glass is dry or the wiper blade and glass may get dam-aged.



72F-08-021



72F-08-022

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 make quick start, hard steering or sudden stops.
- Allow an ample time in the driving schedule.
- 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, prolongs its life, gives more mileage and ensures a comfortable driving experience.

Follow the do's and don'ts listed, and driving will never be the same again.

OTHER CONTROLS AND EQUIPMENT

OTHER CONTROLS AND EQUIPMENT

Heating and Air Conditioning System (if equipped)	5-1
Manual Heating and Air Conditioning System (if equipped)	5-3
Automatic Heating and Air Conditioning System (Climate Control) (if equipped)	5-7
Radio Antenna	5-11
Installation of Radio Frequency Transmitters	5-12
Audio System (if equipped)	5-12
Fuel Filler Cap	5-45
Engine Bonnet	5-46
Sun Visor	5-47
Interior Light Switch	5-48
Luggage Compartment Light (if equipped)	5-48
Accessory Socket (if equipped)	5-49
Assist Grips	5-49
Glove Box	5-50
Cup Holder and Storage Area	5-50
Front Seat Back Pocket (if equipped)	5-51
Floor Mats (if equipped)	5-51
Shopping Hook (if equipped)	5-52
Luggage Compartment Cover (if equipped)	5-52
Frame Hooks	5-53

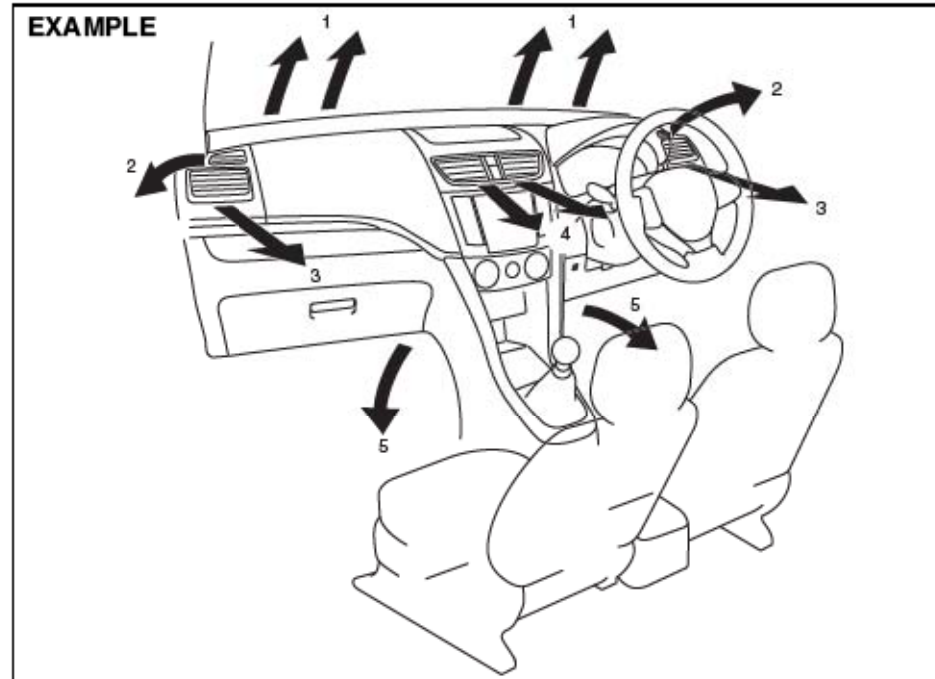
OTHER CONTROLS AND EQUIPMENT

Heating and Air Conditioning System (if equipped)

There are two types of heating and air conditioning systems as follows:

- Manual Heating and Air Conditioning System (if equipped)
- Automatic Heating and Air Conditioning System (Climate Control) (if equipped)

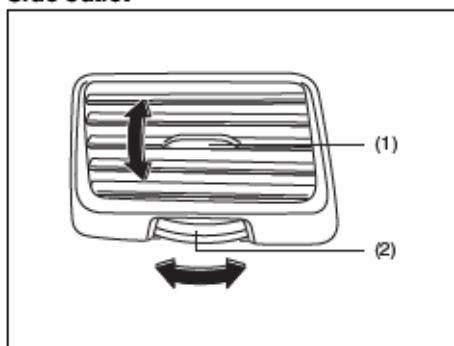
Air Outlet



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

OTHER CONTROLS AND EQUIPMENT

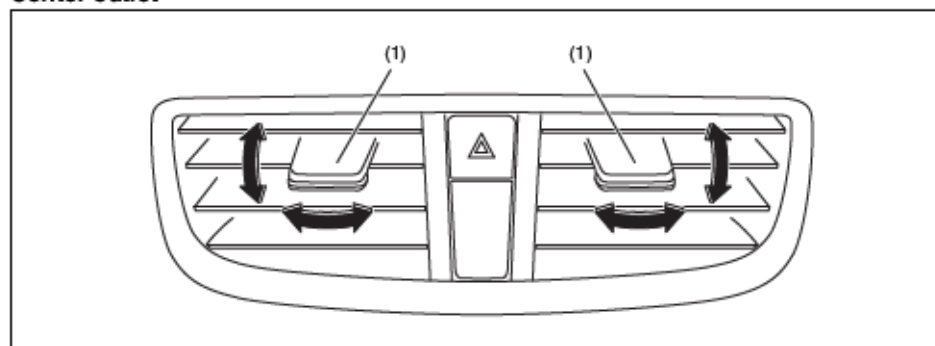
Side outlet



68LM502

Move the knob (1) vertically and the dial (2) horizontally, to adjust the direction of airflow as desired. When "Open", air comes out from the side outlets regardless of the airflow selector position.

Center outlet



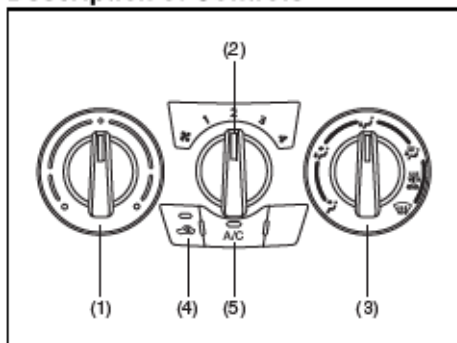
74LHT0502

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

OTHER CONTROLS AND EQUIPMENT

Manual Heating and Air Conditioning System (if equipped)

Description of Controls



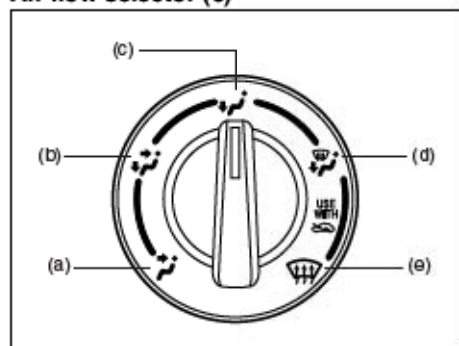
Temperature selector (1)

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)



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

Ventilation (a)



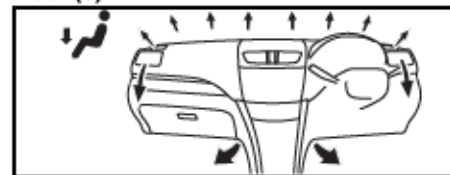
Temperature-controlled air comes out of the center and side air outlets.

Bi-level (b)



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.

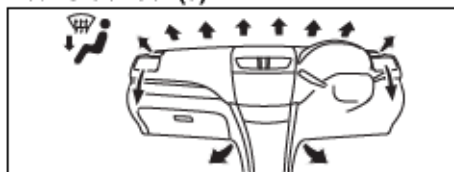
Heat (c)



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

OTHER CONTROLS AND EQUIPMENT

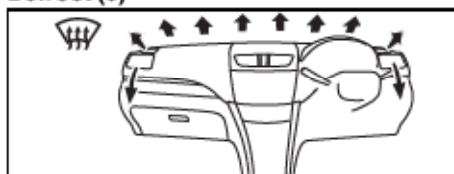
Heat & defrost (d)



74LHT0507

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

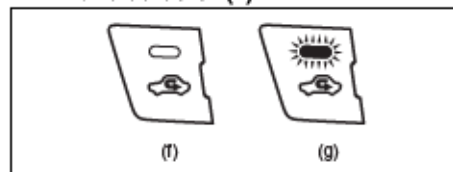
Defrost (e)



74LHT0508

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

Air intake selector (4)



88LM511

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.

"FRESH AIR" and "RECIRCULATED AIR" are switched alternately each time the air intake selector is pushed.

NOTE:

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

Air conditioning switch (5)

To turn on the air conditioning system, push in the "A/C" switch and set the blower speed selector to a position other than "OFF". With this "A/C" switch operation, a indicator light will come on when the air conditioning system is on. To turn off the air conditioning system, push the "A/C" switch again.

During operation of the air conditioner, you may notice slight changes in engine speed. These changes are normal, the system is designed so that the compressor turns on or off to maintain the desired temperature.

Less operation of the compressor results in better fuel economy.

OTHER CONTROLS AND EQUIPMENT

System Operating Instructions

Natural ventilation

Select "VENTILATION" and "FRESH AIR", the temperature selector to the desired temperature position, and the blower speed selector to "OFF". Fresh air will flow through the vehicle during driving.

Forced ventilation

The control settings are the same as for natural ventilation except you set the blower speed selector to a position other than "OFF".

Normal heating (using outside air)

Select "HEAT" and "FRESH AIR", the temperature selector to the desired temperature position and the blower speed selector to the desired blower speed position. Setting the blower speed selector to a higher blower speed position increases heating efficiency.

Quick heating (using recirculated air)

The control settings are the same as for normal heating except you select "RECIRCULATED AIR". 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.

Cool face/warm feet

Select "BI-LEVEL" and "FRESH AIR", the temperature selector to the desired temperature position, and the blower speed selector to the desired blower speed position. Unless the temperature selector is in the fully COLD position or fully HOT position, the air that comes out of the center and side outlets will be cooler than the air that comes out of the floor outlets.

Normal cooling

Turn on the "A/C" switch, set the air flow selector to "VENTILATION", 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 cooling efficiency.

You can switch the air intake selector to either "FRESH AIR" or "RECIRCULATED AIR" as you desire. Choosing "RECIRCULATED AIR" increases cooling efficiency.

Quick cooling (using recirculated air)

The control settings are the same as for normal cooling except you select "RECIRCULATED AIR" and the highest blower speed.

NOTE:

- If you select "RECIRCULATED AIR" for an extended period of time, the air in the vehicle can become contaminated. Therefore, you should occasionally select "FRESH AIR".
- If your vehicle has been left in the sun with the windows closed, it will cool faster if you open the windows briefly while you operate the air conditioner with the air intake selector at "FRESH AIR" and the blower at high speed.

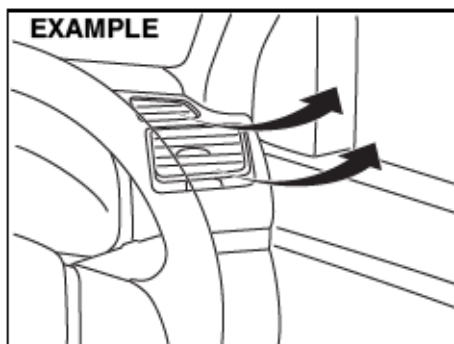
Dehumidifying

Turn on the "A/C" switch, set the air flow selector to a desired air flow selector position, and select "FRESH AIR", the temperature selector to the desired temperature position, and the blower speed selector to the desired blower speed position.

NOTE:

Because the air conditioner dehumidifies the air, turning it on will help keep the windows clear, even when blowing heated air using the "DEMIST" or "HEAT & DEMIST" functions.

OTHER CONTROLS AND EQUIPMENT



74LHT0509

NOTE:

If you need maximum defrosting:

- select "DEFROST" and "FRESH AIR",
- turn on the "A/C" switch,
- set the blower speed selector to HIGH,
- adjust the temperature selector to the HOT end, 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.

NOTE:

Your vehicle uses the air conditioning refrigerant HFC-134a, commonly called "R-134a". Only R-134a should be used in your vehicle.

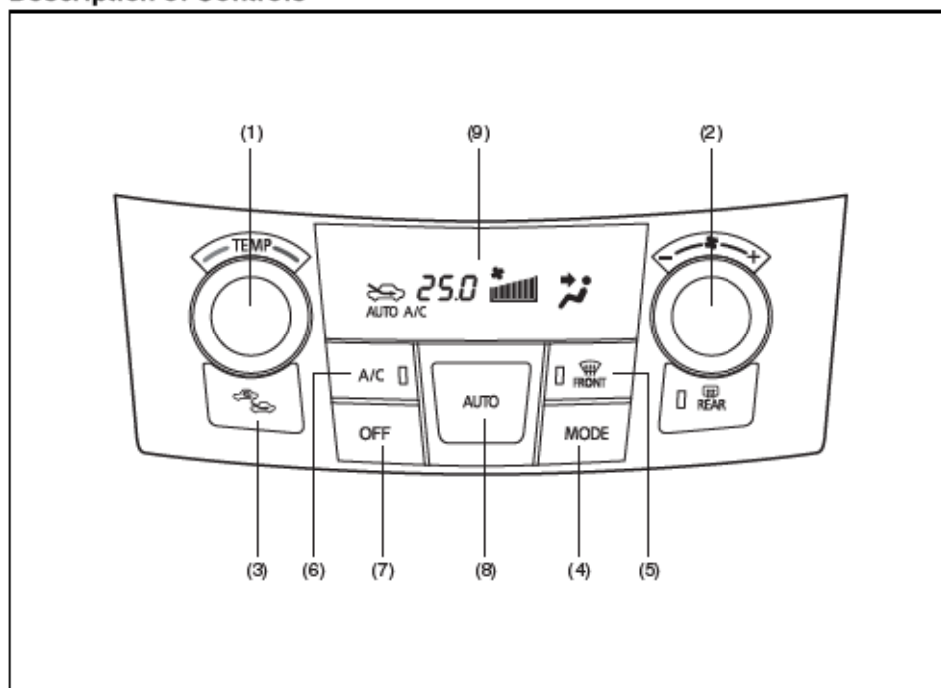
NOTICE

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) (if equipped)

Description of Controls

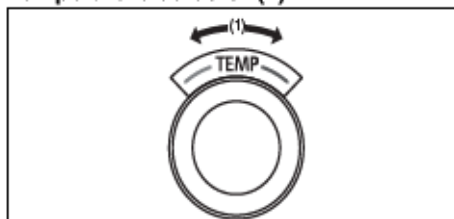


- (1) Temperature selector
- (2) Blower speed selector
- (3) Air intake selector
- (4) Air flow selector
- (5) Defrost switch
- (6) Air conditioning switch
- (7) "OFF" switch
- (8) "AUTO" switch
- (9) Display

71LST0504

OTHER CONTROLS AND EQUIPMENT

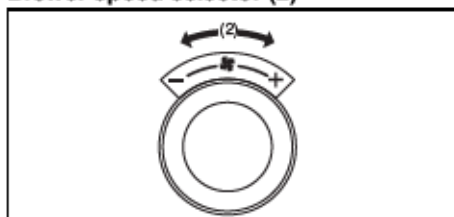
Temperature selector (1)



68LM514

Turn the temperature selector (1) to adjust the temperature. You can set the temperature between 18°C and 32°C. The selected temperature is shown in the display.

Blower speed selector (2)

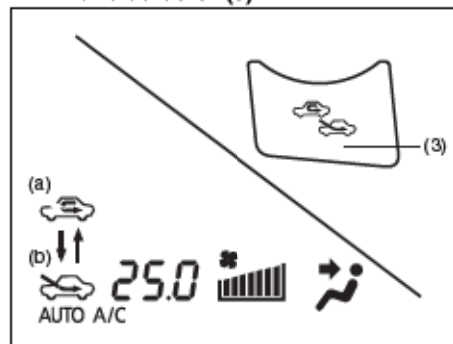


68LM515

The blower speed selector (2) is used to turn on the blower and to select blower speed. The selected blower speed is shown in the display.

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)



71LST0505

Push the air intake selector (3) to change between the FRESH AIR or RECIRCULATED AIR mode.

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)

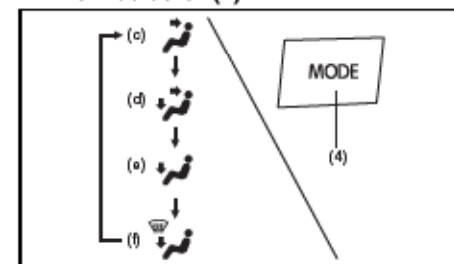
When this mode is selected, outside air is introduced.

"FRESH AIR" and "RECIRCULATED AIR" are selected alternately each time the air intake selector is pushed.

NOTE:

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

Air flow selector (4)



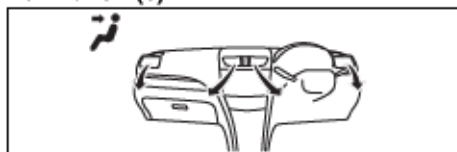
68LM517

Push the air flow selector (4) to change among the following functions. The indication of the selected mode appears on the display.

If the "AUTO" switch (8) is pushed, the air flow will vary automatically as the climate control system maintains the selected temperature.

OTHER CONTROLS AND EQUIPMENT

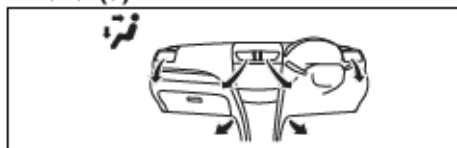
Ventilation (c)



74LHT0504

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

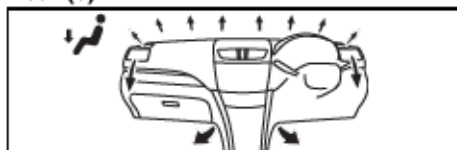
Bi-level (d)



74LHT0505

Temperature-controlled air comes out of the floor outlets and cooler air comes out of the center and side outlets. When the temperature selector (1) is in the fully COLD position or fully HOT position, however, the air from the floor outlets and the air from the center and side outlets will be the same temperature.

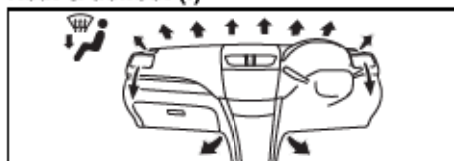
Heat (e)



74LHT0506

Temperature-controlled air comes out of the floor outlets and the side outlets, a small amount of air comes out of the windshield defroster outlets and also comes slightly out of the side demister outlets.

Heat & defrost (f)



74LHT0507

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

Defrost switch (5)

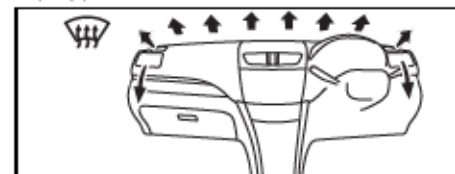


68LM518

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

This is used to clear the windscreen and side windows by Pushing the switch when the defroster switch is ON, the indicator light above the defroster switch will come ON and the defroster display is shown is the display.

Defrost



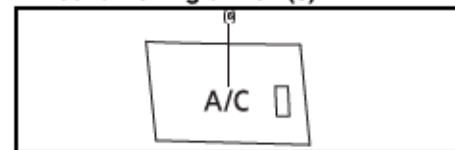
74LHT0508

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

NOTE:

When the defrost switch (5) is pushed to turn on the defroster, the air conditioning system will come on and the "FRESH AIR" mode will be selected automatically. In very cold weather, however, the air conditioning system will not turn on.

Air conditioning switch (6)



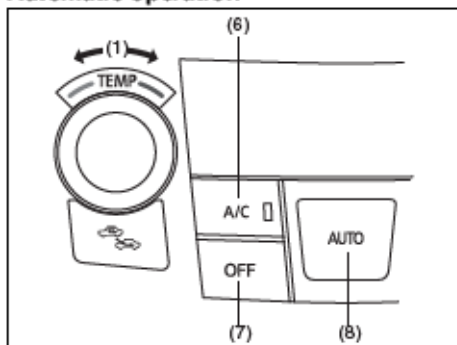
68LM555

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

OTHER CONTROLS AND EQUIPMENT

System Operating Instructions

Automatic operation



68LM520

You can let the climate control system work automatically. To set the system for fully-automatic operation, follow the procedure below.

- 1) Start the engine.
- 2) Push the "AUTO" switch (8).
- 3) Set the desired temperature by turning the temperature selector (1).

The blower speed, air intake and air flow are controlled automatically to maintain the set temperature.

NOTE:

When you select the recirculated air mode, the automatic operation system is deactivated if you push the "AUTO" switch (8).

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.

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

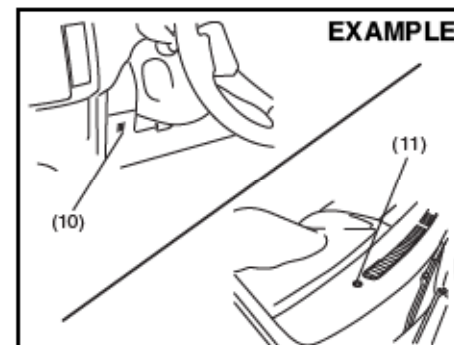
NOTE:

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 an authorized SUZUKI dealer.

NOTE:

- To find the temperature at which you are most comfortable, start with the 25°C (75°F) setting.
- If you turn the temperature selector (1) until "HI" or "LO" appears on the display, the climate control system will operate at maximum heating or cooling and the blower will run at full speed.
- To avoid blowing cold air in cold weather or hot air in hot weather, the system will delay turning on the blower until warmed or chilled air is available.
- If your vehicle has been left in the sun with the windows closed, it will cool faster if you open the windows briefly.

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



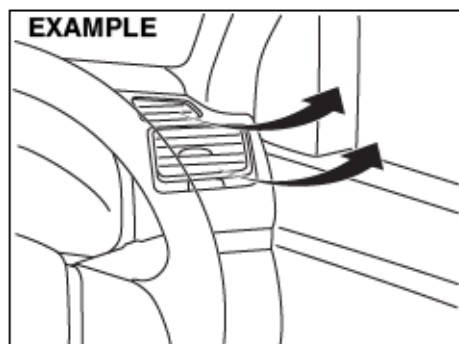
74LHT0510

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 driver's side dashboard. These sensors are used by the automatic system to regulate temperature. Even if the engine is turned OFF, the temperature Setting remains in the memory.

OTHER CONTROLS AND EQUIPMENT

Manual operation

You can manually control the climate control system. Set the selectors to the desired positions.



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" mode will be selected automatically),
- set the blower speed selector to HIGH,
- adjust the temperature selector to the "HI" indication on the display, and
- adjust the side outlets so the air blows on the side windows.

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 opti-

mum 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.

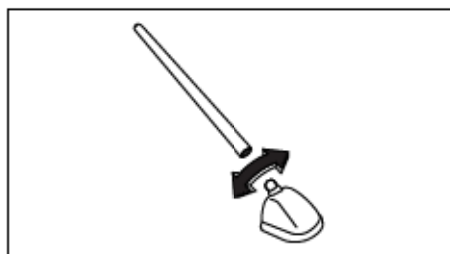
NOTE:

Your vehicle uses the air conditioning refrigerant HFC-134a, commonly called "R-134a". 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



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:

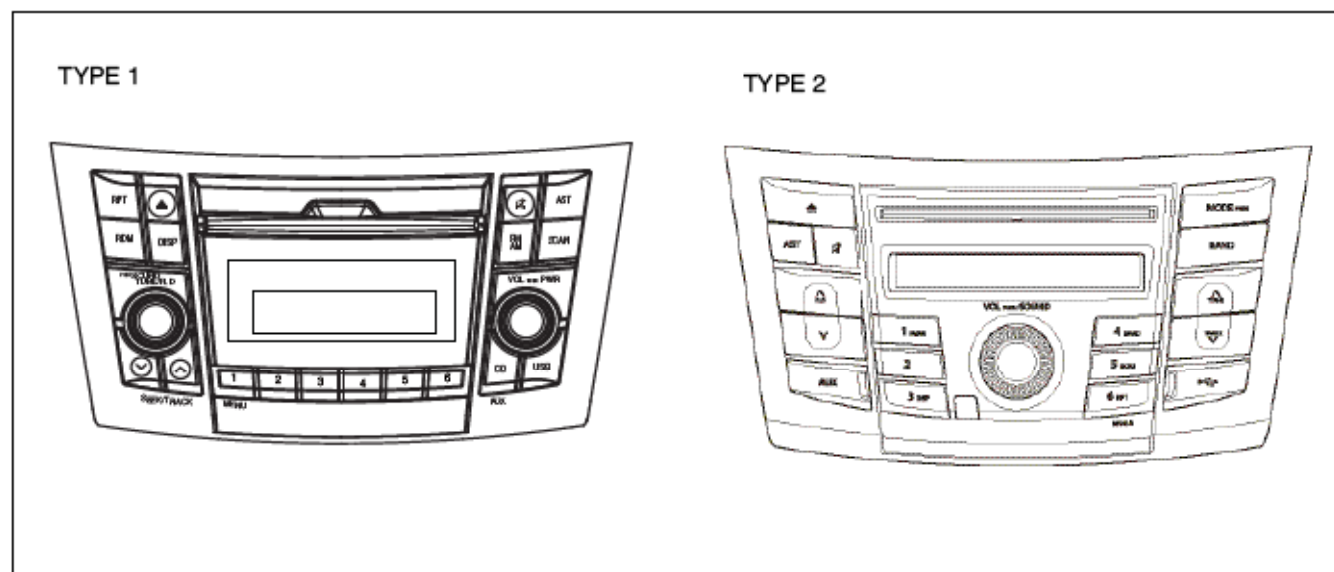
- Remove the antenna when using an automatic car wash.
- Remove the antenna when the antenna hits anything such as a low ceiling in a parking garage or putting a car cover over your vehicle.

Installation of Radio Frequency Transmitters

We recommend that you always ask a SUZUKI dealer 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



AM/FM CD PLAYER

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 an authorized SUZUKI dealer.

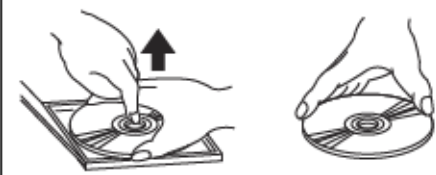
Cautions on Handling



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

No other discs can be played.

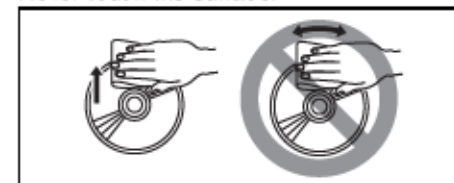
Removing the disc Proper way to hold the compact disc



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.

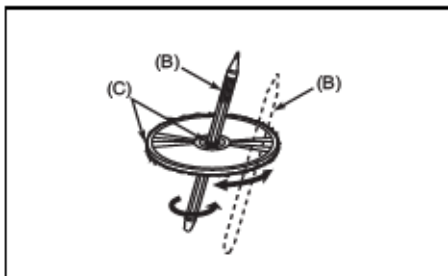
Always handle the compact disc by the edges.

Never touch the surface.



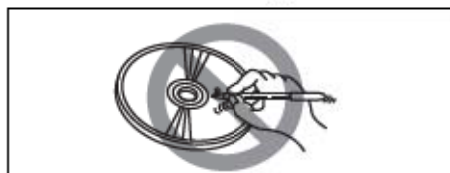
To remove fingermarks and dust, use a soft cloth, and wipe in a straight line from the center of the compact disc to the circumference.

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

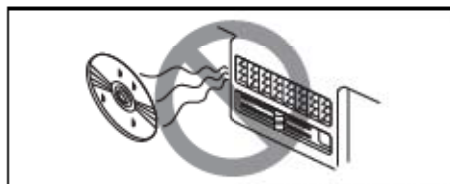


Do not use any solvents such as commercially available cleaners, anti-static spray, or thinner to clean compact discs.

- CD-RW discs cannot be played with this unit.



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.

⚠ WARNING

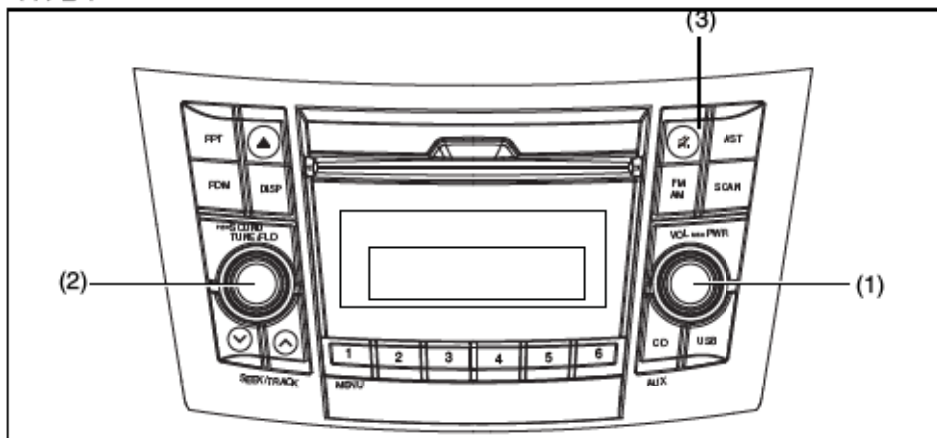
This is a class I laser product. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Do not open covers and do not attempt to repair this unit by yourself. Refer servicing to qualified personnel.

OTHER CONTROLS AND EQUIPMENT

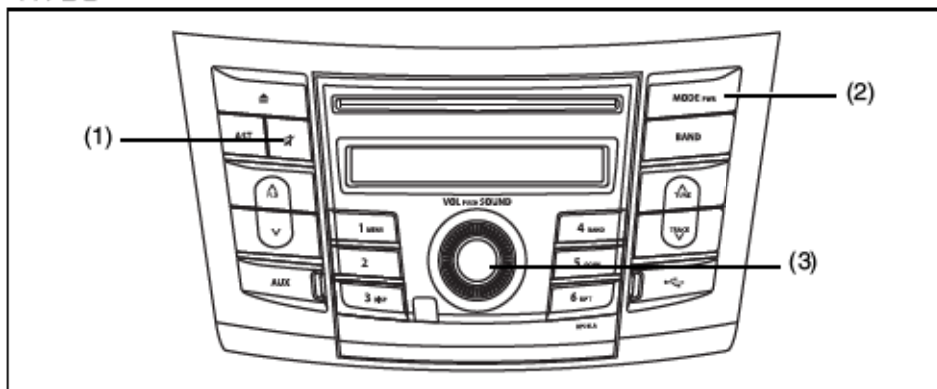
Basic Operations

TYPE 1



- (1) VOL PUSH POWER knob
- (2) TUNE FOLDER PUSH SOUND knob
- (3) MUTE button

TYPE 2



- (1) MUTE button
- (2) MODE PWR button
- (3) VOL PUSH SOUND knob

OTHER CONTROLS AND EQUIPMENT

Turning power on/off

TYPE 1:

Press the VOL PUSH POWER knob (1).
The unit starts in the function mode it was in when the power was turned off last.

TYPE 2:

Press the MODE PWR button (2).
The unit starts in the function mode it was in when the power was turned off last.
When the power is ON, holding down the MODE PWR button for 2 seconds or longer turns the power OFF.

Adjusting the volume

TYPE 1:

Turn the VOL PUSH POWER knob (1).

TYPE 2

Turn the VOL PUSH SOUND knob (3):

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.

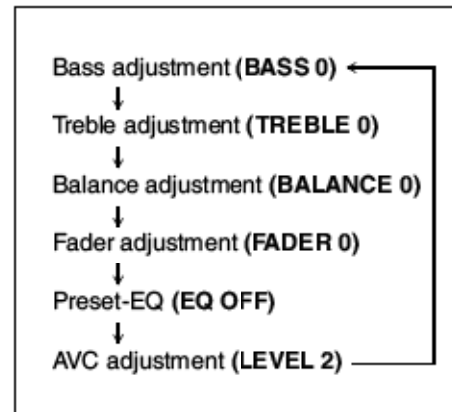
Mute

Press the MUTE button (3) to mute the sound. To cancel the mute, press the MUTE button (3) again.

Adjusting bass/treble/balance /fader

TYPE 1:

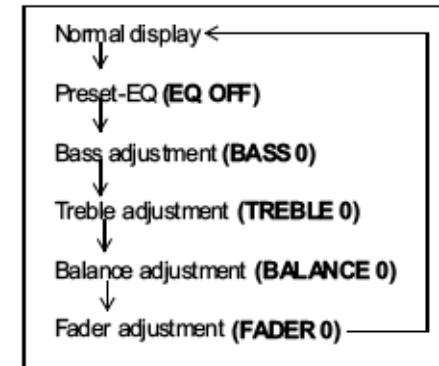
1) Press the TUNE FOLDER PUSH SOUND knob (2).
Each time the knob is pressed, sound adjustment will change as follows:



2) Turn the TUNE FOLDER PUSH SOUND knob (2) to adjust the sound.

TYPE 2:

1) Press the VOL PUSH SOUND knob (3).
Each time the knob is pressed, sound adjustment will change as follows:



2) Turn the VOL PUSH SOUND knob (3) to adjust the sound.

Adjusting the AVC (if equipped)

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

1) Press the TUNE FOLDER PUSH SOUND knob (2) until the AVC adjustment mode is selected.

OTHER CONTROLS AND EQUIPMENT

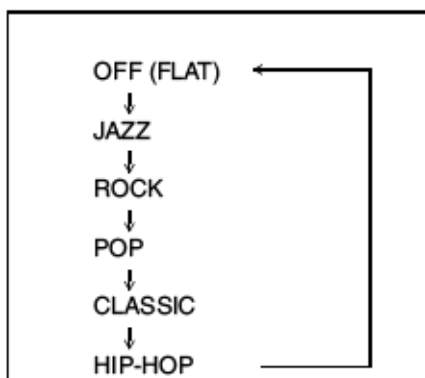
- 2) Turn the TUNE FOLDER PUSH SOUND knob (2) to select the desired AVC adjustment level. (Initial setting: LEVEL 2)

Preset-EQ

TYPE 1:

Preset-EQ calls up various sound types in accordance with the listening music type.

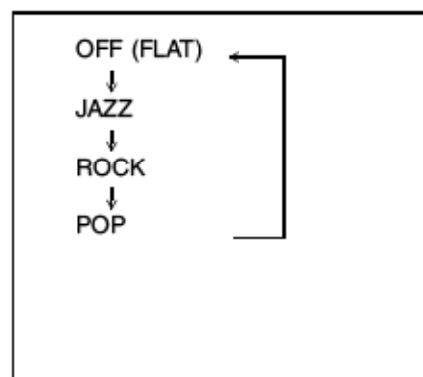
- 1) Press the TUNE FOLDER PUSH SOUND knob (2) several times until "PRESET-EQ" appears.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (2). Each time the knob is turned, preset EQ mode will change as follows:



TYPE 2:

Preset-EQ calls up various sound types in accordance with the listening music type.

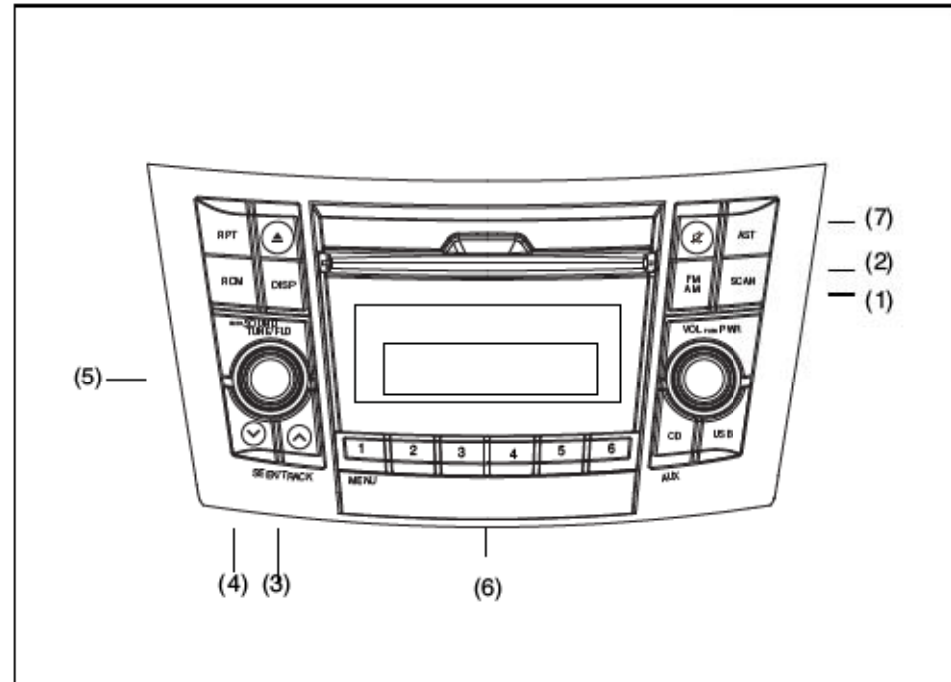
- 1) Press the VOL PUSH SOUND knob (3) several times until "PRESET-EQ" appears.
- 2) Turn the VOL PUSH SOUND knob (3). Each time the knob is turned, preset EQ mode will change as follows:



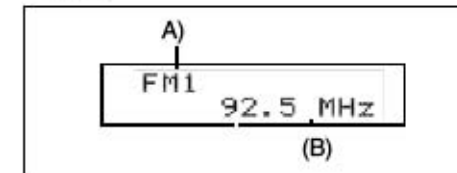
OTHER CONTROLS AND EQUIPMENT

Listening to the Radio

TYPE 1



Display

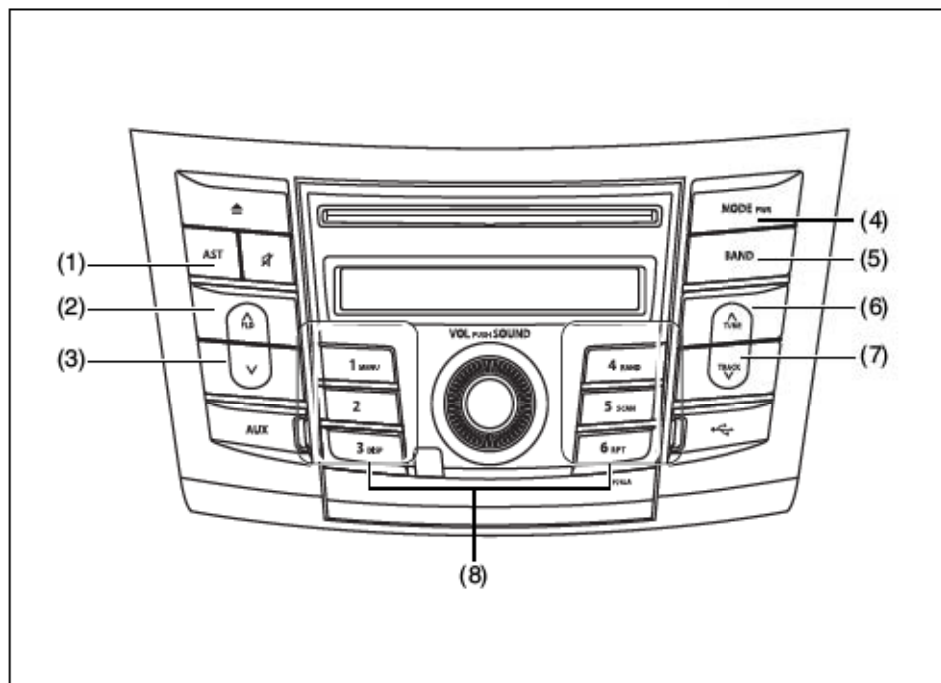


- (1) FM/AM button
- (2) SCAN button
- (3) Up button
- (4) Down button
- (5) TUNE FOLDER PUSH SOUND knob
- (6) Preset buttons ([1] to [6])
- (7) AST button

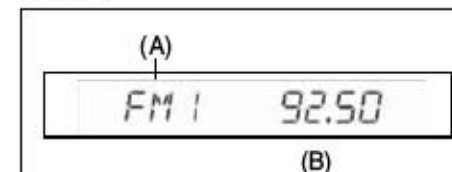
- (A) Band
- (B) Frequency

OTHER CONTROLS AND EQUIPMENT

TYPE 2



Display



- (1) AST button
- (2) SCAN Up button
- (3) SCAN Down button
- (4) MODE PWR button
- (5) BAND button
- (6) TUNE Up button
- (7) TUNE Down button
- (8) Preset buttons ([1] to [6])

- (A) Band
- (B) Frequency

OTHER CONTROLS AND EQUIPMENT

Selecting the reception band

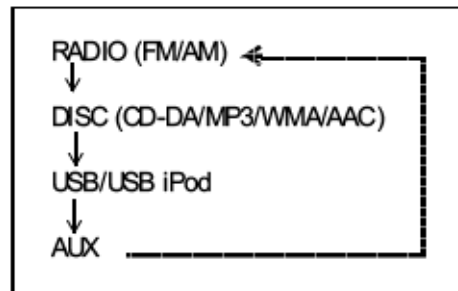
TYPE 1:

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



TYPE 2:

Press the MODE PWR button (4).
Each time the button is pressed, the mode will change as follows:



When you switch to RADIO (FM/AM) mode, the radio automatically enters the same radio mode you used last time.
Each time the BAND button (5) is pressed, the reception band will change as follows.



Seek tuning

TYPE 1:

Press the seek Up button (3) or the seek Down button (4).

TYPE 2:

Hold down the TUNE Up button (6) or the TUNE Down button (7) for 1 second or longer.

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

Manual tuning

TYPE 1:

Turn the TUNE FOLDER PUSH SOUND knob (5).

TYPE 2:

Press the TUNE Up button (6) or the TUNE Down button (7).

The frequency being received is displayed.

Scan

TYPE 1:

Press the SCAN button (2).
It starts seeking upward (higher frequency), and pauses for 5 seconds to receive the band, and sequentially repeats seeking and play.

NOTE:

- When the SCAN button (2) is pressed while pausing for receiving, it cancels the scan operation and continuously receives the station.
- When the SCAN button (2) is pressed while searching, it cancels the scan operation and stops at next receivable station.

TYPE 2:

Press the SCAN Up button (2) or the SCAN Down button (3).
It starts seeking, and pauses for 5 seconds to receive the band, and sequentially repeats seeking and play.

NOTE:

- When the radio detects a station and pauses during a Scan Up search, if you press the SCAN Up button (2), Scan Up search mode is released and the radio stays on that station.

OTHER CONTROLS AND EQUIPMENT

- When the radio detects a station and pauses during a Scan Down search, if you press the SCAN Down button (3), Scan Down search mode is released and the radio stays on that station.
- If you press the SCAN Up button (2) during a Scan Up search, Scan Up search mode is released and the radio tunes in the next receivable station.

If you press the SCAN Down button (3) during a Scan Down search, Scan Down search mode is released and the radio tunes in the next receivable station.

Preset memory

- 1) Select the desired station.
- 2) Hold down a desired button ([1] to [6]) of the Preset buttons (6) to which you want to store the station for 2 seconds or longer.

Auto store

Hold down the AST button (7) for 2 seconds or longer.

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

NOTE:

- Auto store can be released by pressing AST button (7) while auto store is under way.

- When the auto store is performed, the station previously stored in the memory at the position is overwritten.
- When there are fewer than 6 stations that can be stored even if 1 round of auto store operation is performed, no station will be stored at the remaining Preset buttons (6).
- 6 stations can be preset for FM1 and FM2 in common, and 6 stations for AM in auto store mode.

Auto store mode on/off

Press the AST button (7).

Each time the button is pressed, the mode is switched as follows:

AST mode on → AST mode off



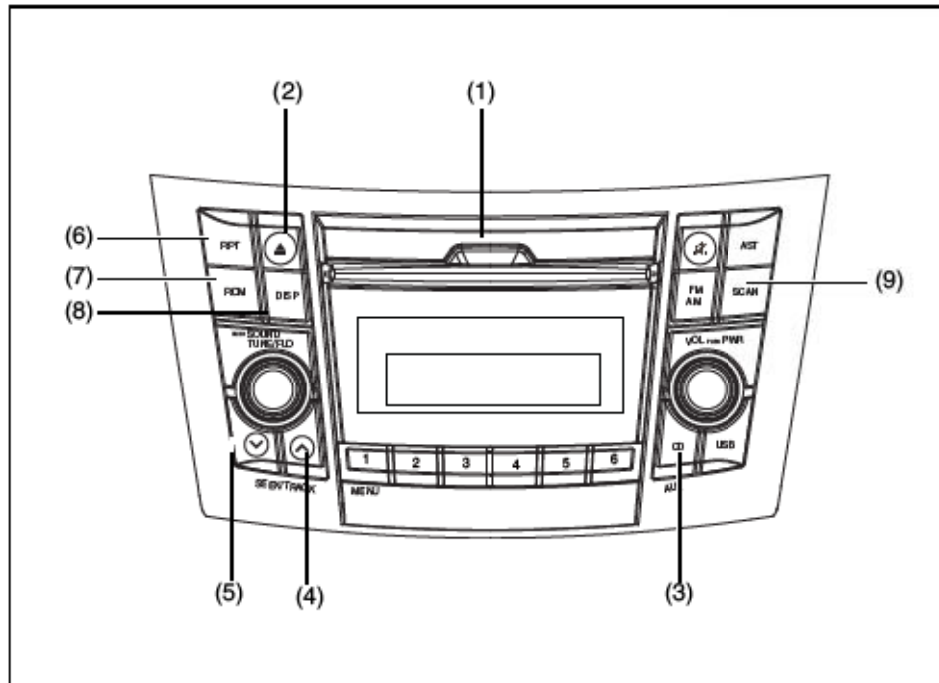
Radio Reception

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.

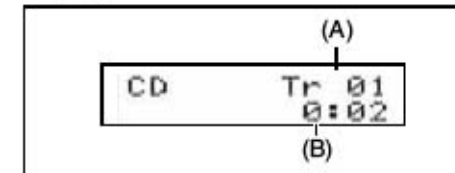
OTHER CONTROLS AND EQUIPMENT

Listening to a CD

TYPE 1



Display



- (1) Insertion slot
- (2) Eject button
- (3) CD button
- (4) Up button
- (5) Down button
- (6) RPT button
- (7) RDM button
- (8) DISP button
- (9) SCAN button

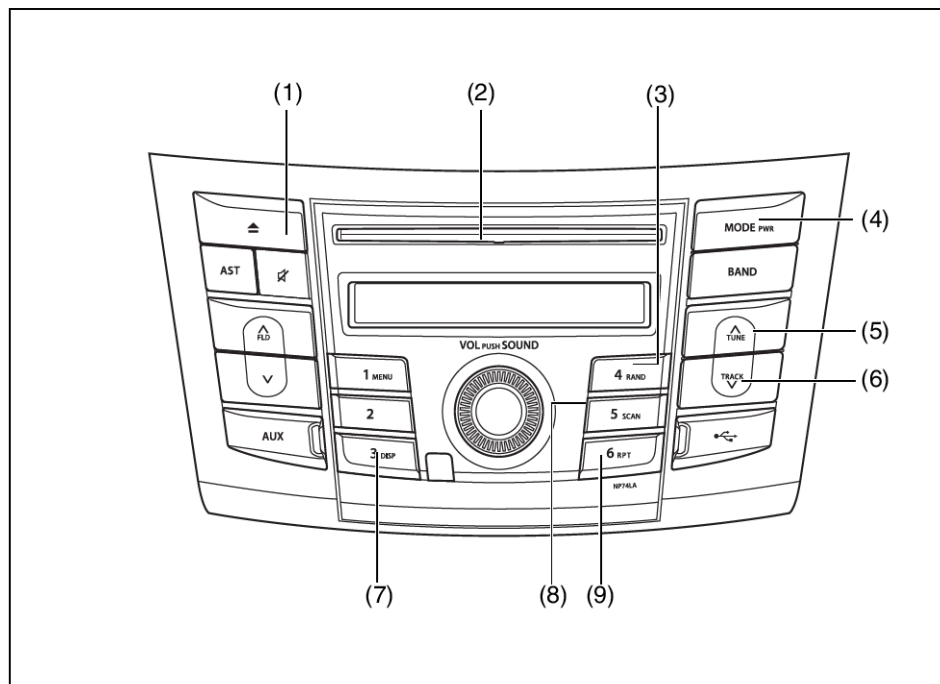
- (A) Track number
- (B) Play time

NOTE:

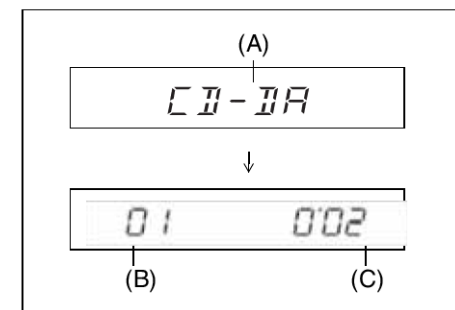
This product does not support 8 cm CD (sometimes called as "mini single CD", "3-inch CD", "CD3", etc.).

OTHER CONTROLS AND EQUIPMENT

TYPE 2



Display



- (1) Eject button
- (2) Insertion slot
- (3) RAND button
- (4) MODE PWR button
- (5) TRACK Up button
- (6) TRACK Down button
- (7) DISP button
- (8) SCAN button
- (9) RPT button

- (A) Disc type
- (B) Track number
- (C) Play time

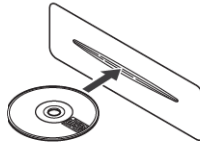
NOTE:

This product does not support 8 cm CD (sometimes called as "mini single CD", "3-inch CD", "CD3", etc.).

OTHER CONTROLS AND EQUIPMENT



- 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.



- A CD is to be inserted with its label side up.
- When there is a CD already in the unit, it is impossible to insert another CD without ejecting the CD in the unit. Do not use force to insert a CD into the CD insertion slot.

NOTICE

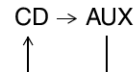
- **Never insert your finger or hand into the CD insertion slot. Never insert foreign objects.**
- **Never insert a CD with glue coming out from adhesive tape or a rental CD label or with a trace indicating that adhesive tape or a rental CD label has been removed. This may cause the CD not to eject or result in a malfunction.**

Selecting a CD mode

TYPE 1:

Press the CD button (3).

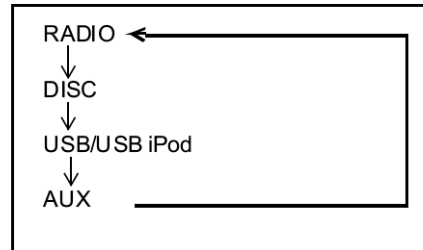
Each time the button is pressed, the mode will change as follows:



TYPE 2:

Press the MODE PWR button (4).

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



When the system enters DISC mode, the disc starts playing automatically.

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.

OTHER CONTROLS AND EQUIPMENT

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

TYPE 1:

When a CD is inserted, playback will automatically start.

When a CD is already inside the unit, press the CD button (3) to start playback.

TYPE 2:

When a CD is inserted, playback will automatically start.

To start playing the disc, press the MODE PWR button (4) and switch the unit into DISC mode when a CD is already inside the unit.

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.

Track scan play

Press the SCAN button (9).

The first 10 seconds of each track in the disc is played in sequence.

NOTE:

When the scan play is done for one round, the normal playback starts.

To cancel the scan play, press the SCAN button (9) again.

Random playback

TYPE 1:

Press the RDM button (7).

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

OFF → TRACK RANDOM

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

TYPE 2:

Press the RAND button (3).

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

OFF → TRACK RANDOM

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

Repeat playback

TYPE 1:

Press the RPT button (6).

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

OFF → TRACK REPEAT

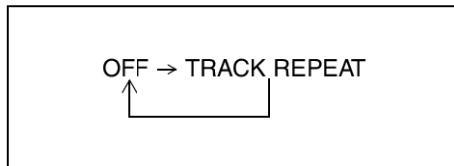
TRACK REPEAT

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

OTHER CONTROLS AND EQUIPMENT

TYPE 2:

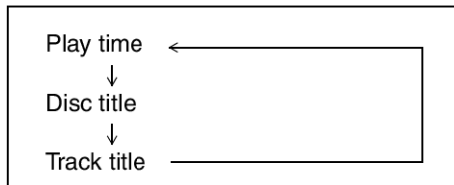
Press the RPT button (9).
Each time the button is pressed, the mode will change as follows:



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

Display change

Press the DISP button
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.

TYPE 1:

If text data contains more than 12 characters, the ">" mark will appear at the right end. Holding down the DISP button (8) for 1 second or longer can display the next page.

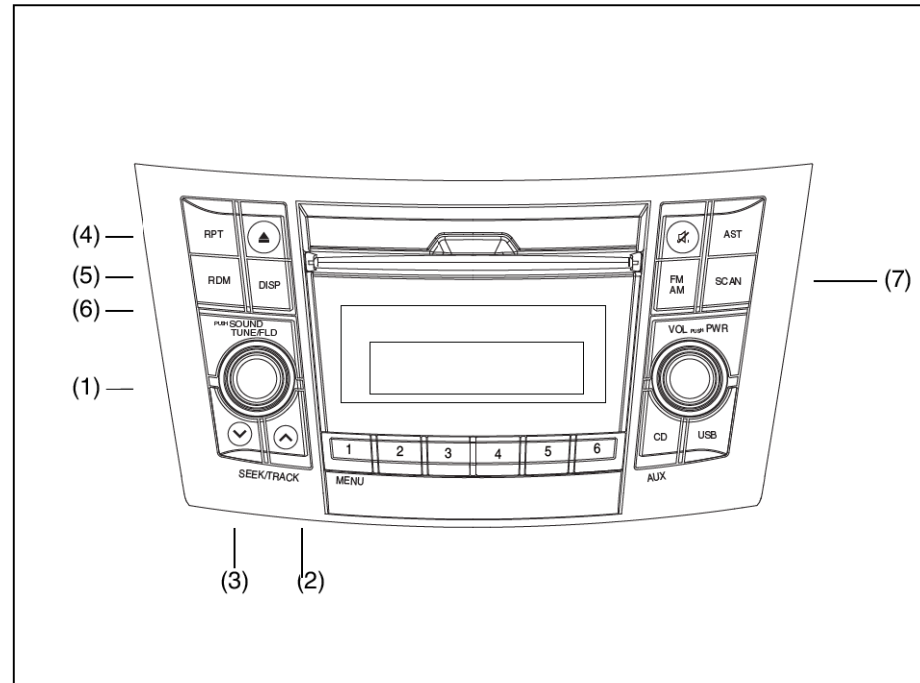
TYPE 2:

If text data contains more than 10 characters, holding down the DISP button (7) for 2 second or longer can display the next page.

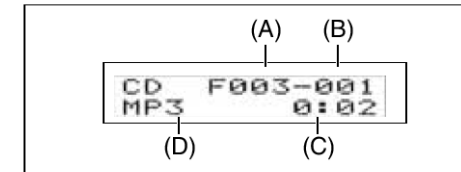
OTHER CONTROLS AND EQUIPMENT

Listening to an MP3/WMA/AAC(if equipped) Disc

TYPE 1



Display



(1) TUNE FOLDER PUSH SOUND knob

(2) Up button

(3) Down button

(4) RPT button

(5) RDM button

(6) DISP button

(7) SCAN button

(A) Folder number

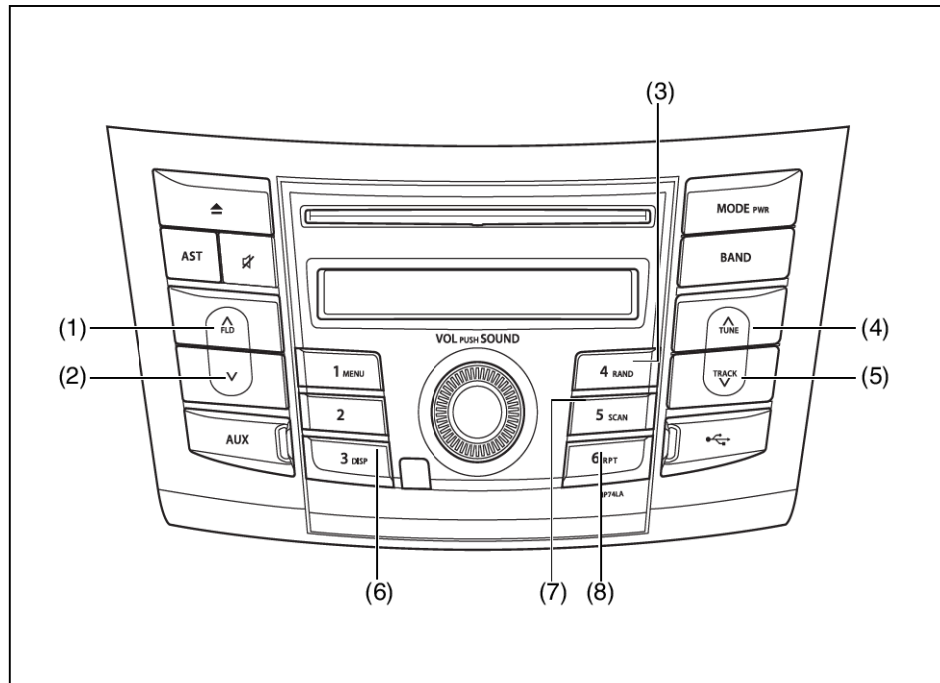
(B) Track number

(C) Play time

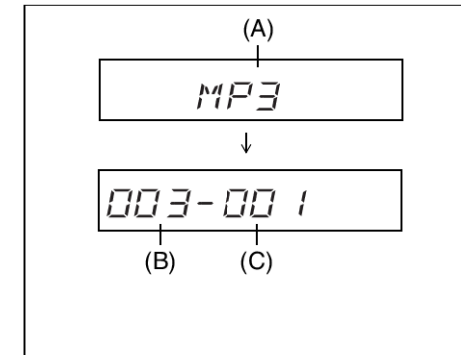
(D) MP3/WMA indicator

OTHER CONTROLS AND EQUIPMENT

TYPE 2



Display



- (1) FOLDER Up button
- (2) FOLDER Down button
- (3) RAND button
- (4) TRACK Up button
- (5) TRACK Down button
- (6) DISP button
- (7) SCAN button
- (8) RPT button

- (A) DISC type
- (B) Folder number
- (C) File number

OTHER CONTROLS AND EQUIPMENT

Selecting a folder

TYPE 1

Turn the TUNE FOLDER PUSH SOUND knob (1) to select a folder.

TYPE 2

Press the FOLDER Up button (1) to jump to the next folder.

Press the FOLDER Down button (2) to jump to the previous folder.

Selecting a track

Press the Up button to listen to the next track.

Press the Down button twice to listen to the previous track. When the Down button is pressed once, the track currently being played will start from the beginning again.

Fast forwarding/Rewinding a track

Hold down the Up button to fast forward the track.

Hold down the Down button to fast rewind the track.

Scan play

FILE SCAN

Press the SCAN button (7).

The first 10 seconds of each file in the currently playing folder is played in sequence.

FOLDER SCAN

TYPE 1:

Press the SCAN button (7) for 1 second or longer.

TYPE 2:

Press the SCAN button (7) for 2 second or longer. The first 10 seconds of the first file in each folder stored in the disc is played in sequence.

NOTE:

When the scan play is done for one round, the normal playback starts. To cancel the scan play, press the SCAN button (7) again.

Random playback

TYPE 1:

Press the RDM button (5).

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

FOLDER RANDOM

The random indicator "RDM.F" will light. The tracks in the current folder will be played in random order.

ALL RANDOM

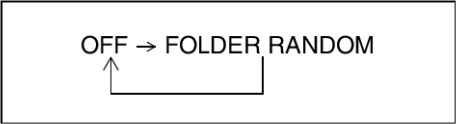
The random indicator "RDM" will light. The tracks in the loaded disc will be played in random order.

TYPE 2:

FOLDER RANDOM

Each time you press the RAND button (3) for less than 2 seconds, the mode will change as follows.

OFF → FOLDER RANDOM



The random indicator "FLD RAND" will light. The files in the current folder will be played in random order.

- ALL RANDOM

Each time you hold down the RAND button (3) for 2 seconds or longer, the mode will change as follows.

OFF → ALL RANDOM



The random indicator "RAND" will light. The files in the loaded disc will be played in random order.

Repeat playback

TYPE 1:

Press the RPT button (4).

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

OTHER CONTROLS AND EQUIPMENT

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 "RPT.F" will light.
All tracks in the currently selected folder will be played repeatedly.

TYPE 2:

- **FILE REPEAT**
Each time you press the RPT button (8) for less than 2 seconds, the mode will change as follows.

OFF → FILE REPEAT

The repeat indicator "RPT" will light.
The file currently being played will be played repeatedly.

• FOLDER REPEAT

Each time you hold down the RPT button (8) for 2 seconds or longer, the mode will change as follows.

OFF → FOLDER REPEAT

The repeat indicator "FLD RPT" will light.
All files in the currently selected folder will be played repeatedly.

Display change

TYPE 1:

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

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

NOTE:

"NO TITLE" will be displayed when there is no text information in the disc currently

being played.

If text data contains more than 12 characters, the ">" mark will appear at the right end. Holding down the DISP button (6) for 1 second or longer can display the next page.

TYPE 2

Press the DISP button (6).

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

Folder No, File No
↓
Play time
↓
Folder name
↓
File name
↓
Album name (MP3, AAC only)
↓
Title name
↓
Artist name

OTHER CONTROLS AND EQUIPMENT

NOTE:

"NO TITLE" will be displayed when there is no text information in the disc currently being played.

TYPE 2:

If text data contains more than 10 characters, holding down the DISP button (6) for 2 second or longer can display the next page.

Notes on MP3/WMA/AAC(if equipped)

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.

What is AAC?

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

Points to remember when making MP3/WMA/AAC files

Common

High bit rate and high sampling frequency are recommended for high quality sounds. Selecting VBR (Variable Bit Rate) is not recommended. Selecting VBR may cause display of incorrect playing time and jumpiness of playback.

Playback sound quality varies depending on the encoding environment. For details, refer to the user manual of the encoding software and the writing software in use.

NOTICE

Never assign the ".mp3", ".wma", or ".m4a" file name extension to a file if it is not in the MP3/WMA/AAC format file. Failure to observe this may result in damage to the speaker due to noise production..

Recording MP3/WMA/AAC files on a CD media

It is recommended not to write both CD-DA files and MP3/WMA/AAC files on a disc.

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

When storing both MP3 data and WMA data on the same disc, sort and place them in different folders. Do not write files other than MP3/WMA/AAC files and unnecessary folders on a disc.

MP3/WMA/AAC files should be named to meet the standards and the file system specifications as shown below.

The file extension ".mp3", ".wma" or ".m4a" should be assigned to files based on their format independently.

You may encounter a trouble in playing MP3/WMA/AAC files or displaying information of MP3/WMA/AAC files depending on the writing software or CD recorder in use.

This unit does not have a play list function. It is recommended to write discs in Disc at-Once mode even though Multi-session mode is supported.

OTHER CONTROLS AND EQUIPMENT

Compression formats

TYPE 1

MP3

- Bit rate:
MPEG1 Audio Layer III: 64 k - 320 kbps
MPEG2 Audio Layer III: 64 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
WMA (Ver.7, Ver.8)
- Bit rate: CBR 48 k - 192 kbps
- Sampling frequency: 32 k/44.1 k/48 kHz
WMA (Ver. 9*)
- Bit rate: CBR 48 k - 320 kbps
- Sampling frequency: 32 k/44.1 k/48 kHz
- *WMA 9 Professional/LossLess/Voice are not supported

TYPE 2

MP3

- Bit rate:
MPEG1 : 32 k - 384 kbps
MPEG2 : 8 k - 160 kbps
MPEG2.5 : 8 k - 160 kbps
- Sampling frequency:
MPEG1 : 32 k/44.1 k/48 kHz
MPEG2 : 16 k/22.05 k/24 kHz
MPEG2.5 : 8 k/11.025 k/12 kHz
WMA (Ver. 7, Ver. 8, Ver. 9*)
- Bit rate: 5 k - 384 kbps
- Sampling frequency: 8 k/11.025 k/16 k/22.05 k/32 k/44.1 k/48 kHz

- *Compliant with WMA Ver.9 Standard
AAC
- Bit rate
monoral: 8 k - 160 kbps
stereo : 16 k - 320 kbps
- Sampling frequency: 8 k/11.025 k/12 k/16 k/22.05 k/24 k/32 k/44.1 k/48 kHz

Supported file systems

ISO 9660 Level 1/Level 2, Joliet, Romeo

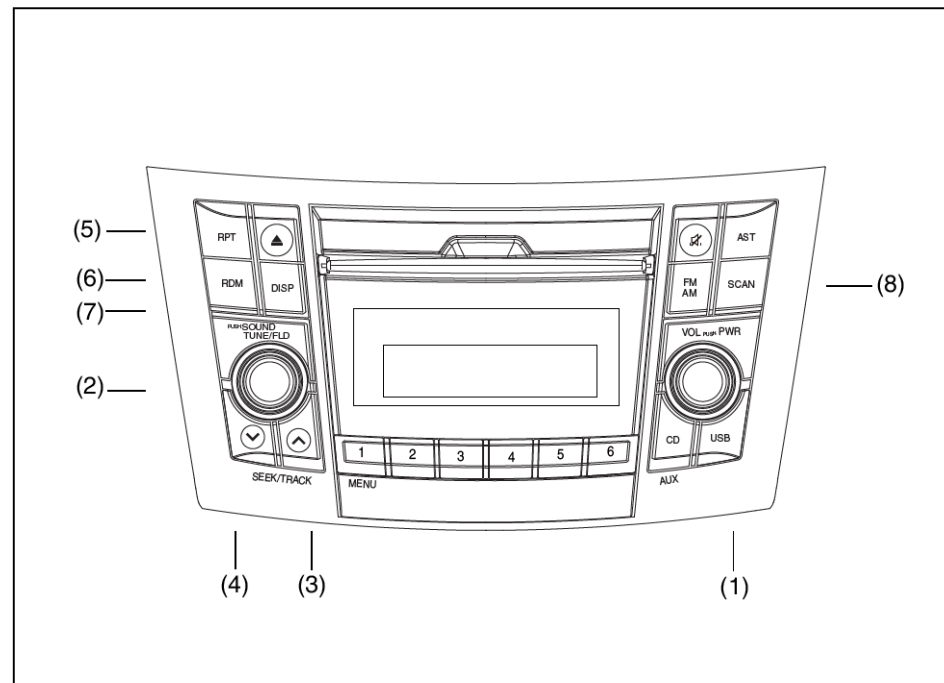
Maximum number of files/folders

- Maximum number of files: 512 (files + folders)
- Maximum number of files in a folder: 512
- Maximum depth of tree structure: 8
- Maximum number of folders: 255
(Root folder is included.)

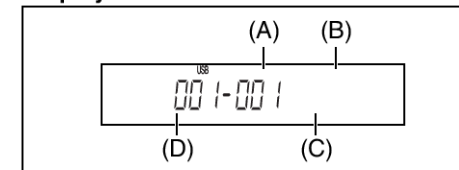
OTHER CONTROLS AND EQUIPMENT

Listening to files stored in a USB device

TYPE 1



Display

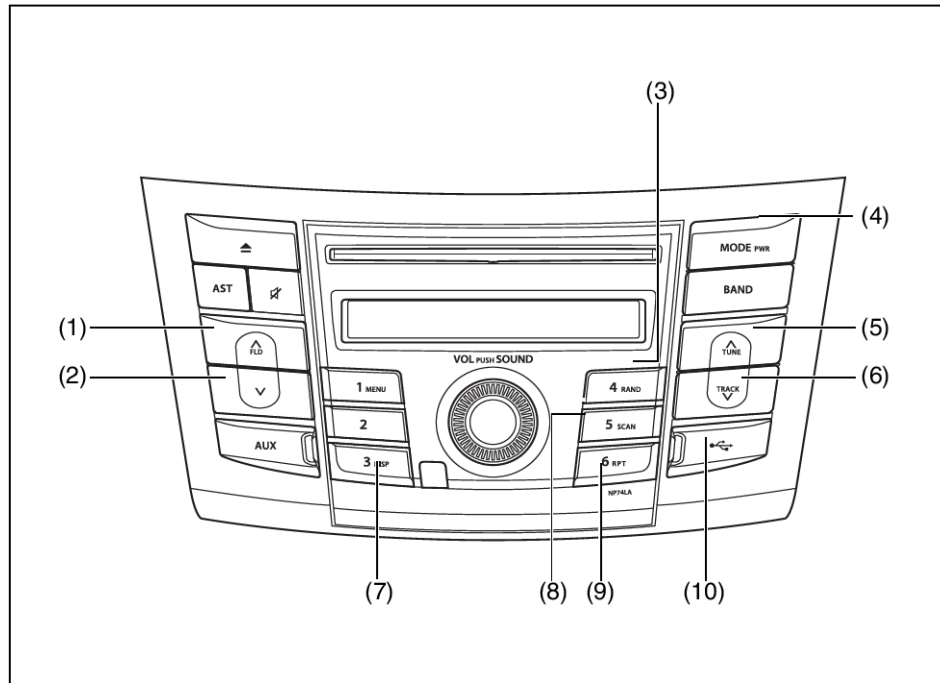


- (1) USB button
- (2) TUNE FOLDER PUSH SOUND knob
- (3) Up button
- (4) Down button
- (5) RPT button
- (6) RDM button
- (7) DISP button
- (8) SCAN button

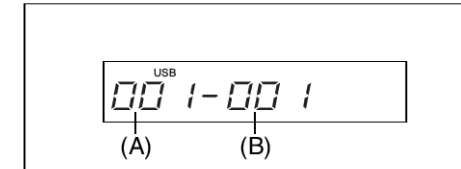
- (A) Folder number
- (B) Track number
- (C) Play time
- (D) MP3/WMA indicator

OTHER CONTROLS AND EQUIPMENT

TYPE 2



Display



- (1) FOLDER Up button
- (2) FOLDER Down button
- (3) RAND button
- (4) MODE PWR button
- (5) TRACK Up button
- (6) TRACK Down button
- (7) DISP button
- (8) SCAN button
- (9) RPT button
- (10) USB connector

- (A) Folder number
- (B) File number

OTHER CONTROLS AND EQUIPMENT

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.

Selecting a USB device mode

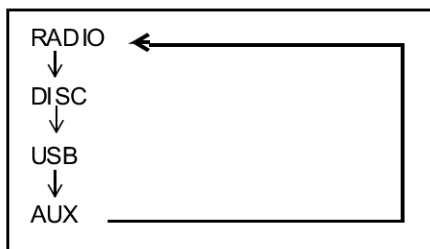
TYPE 1:

Press the USB button (1).

TYPE 2:

Press the MODE PWR button (4).

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



When the system enters USB mode, playback starts automatically.

Selecting a folder

TYPE 1:

Turn the TUNE FOLDER PUSH SOUND knob (2) to select the desired folder.

TYPE 2:

Press the FOLDER Up button (1) to jump to the next folder.

Press the FOLDER Down button (2) to jump to the previous folder.

Selecting a track

Press the Up button to listen to the next track.

Press the Down button twice to listen to the previous track.

When the Down button is pressed once, the track currently being played will start from the beginning again.

Fast forwarding/Rewinding a track

Hold down the Up button to fast forward the track.

Hold down the Down button to fast rewind the track.

Scan play

FILE SCAN

Press the SCAN button (8).

The first 10 seconds of each file in the currently playing folder is played in sequence

FOLDER SCAN

TYPE 1:

Press the SCAN button (8) for 1 second or longer.

TYPE 2:

Press the SCAN button (8) for 2 second or longer.

The first 10 seconds of the first file in each folder stored in the USB is played in sequence.

NOTE:

When the scan play is done for one round, the normal playback starts.

To cancel the scan play, press the SCAN button (8) again.

Random playback

TYPE 1:

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 "RDM.F" will light. The tracks in the currently selected folder will be played in random order.

- ALL RANDOM

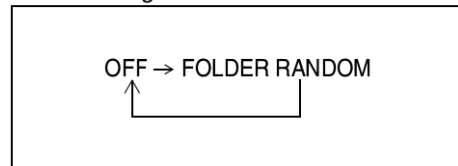
The random indicator "RDM" will light.

OTHER CONTROLS AND EQUIPMENT

The tracks in the connected USB device will be played in random order.

TYPE 2:

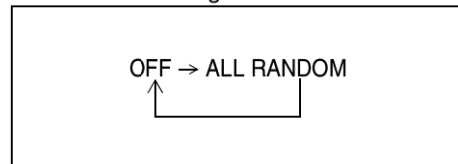
- **FOLDER RANDOM**
Each time you press the RAND button (3) for less than 2 seconds, the mode will change as follows.



The random indicator “FLD RAND” will light.

The files in the currently selected folder will be played in random order.

- **ALL RANDOM**
Each time you hold down the RAND button (3) for 2 seconds or longer, the mode will change as follows.



The random indicator “RDM” will light.
The files in the connected USB device will be played in random order.

Repeat playback

TYPE 1:

Press the RPT button (5).

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



- **FILE REPEAT**

The repeat indicator “RPT” will light.
The track currently being played will be played repeatedly.

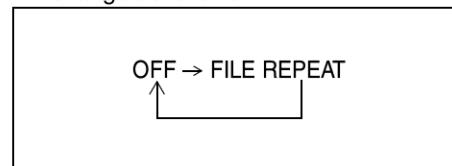
- **FOLDER REPEAT**

The repeat indicator “RPT.F” will light.
All the tracks in the folder currently selected will be played repeatedly.

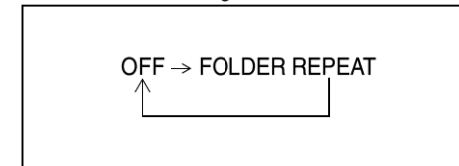
TYPE 2:

- **FILE REPEAT**

Each time you press the RPT button (9) for less than 2 seconds, the mode will change as follows.



- The repeat indicator “RPT” will light.
The file currently being played will be played repeatedly.
- **FOLDER REPEAT**
Each time you hold down the RPT button (9) for 2 seconds or longer, the mode will change as follows.



The repeat indicator “FLD RPT” will light.

All the files in the folder currently selected will be played repeatedly.

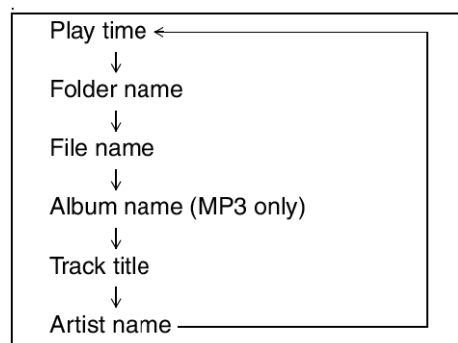
Display change

TYPE 1:

Press the DISP button (7).

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

OTHER CONTROLS AND EQUIPMENT



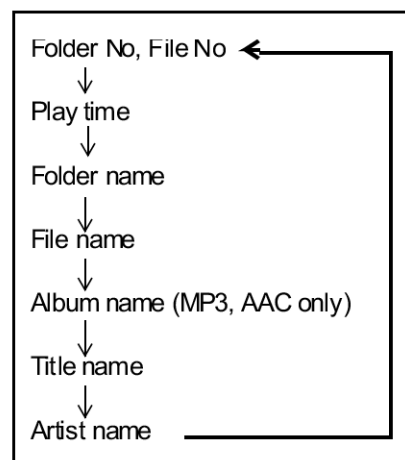
NOTE:

"NO TITLE" will be displayed when there is no text information in the disc currently being played.

If text data contains more than 12 characters, the ">" mark will appear at the right end. Holding down the DISP button (7) for 1 second or longer can display the next page.

TYPE 2:

Press the DISP button (7). 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 10 characters, holding down the DISP button (7) for 2 second or longer can display the next page.

Notes on USB device

TYPE 1:

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 FAT16/32
- Maximum current less than 500 mA
- Capacity less than 4 GB (1 partition)

TYPE 2:

- USB Mass Storage Class
For details as to whether your USB memory/USB Audio is compatible with USB Mass Storage Class, please contact the USB memory/USB Audio manufacturer.
- USB Standard Compatibility 1.1/2.0 Full Speed
- File System FAT12/16/32, VFAT
- Maximum current less than 1 A

USB device connection

- When connecting a USB device, make sure that the connector is pushed all the way into the port.

OTHER CONTROLS AND EQUIPMENT

- 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 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

TYPE 1

MP3

- Bit rate:
 - MPEG1 Audio Layer III: 64 k - 320 kbps
 - MPEG2 Audio Layer III: 64 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

WMA (Ver.7, Ver.8)

- Bit rate: CBR 48 k - 192 kbps
- Sampling frequency: 32 k/44.1 k/48 kHz

WMA (Ver.9*)

- Bit rate: CBR 48 k - 320 kbps
- Sampling frequency: 32 k/44.1 k/48 kHz
- * WMA 9 Professional/LossLess/Voice are not supported.

TYPE 2:

MP3

- Bit rate:
 - MPEG1 : 32 k - 384 kbps
 - MPEG2 : 8 k - 160 kbps
 - MPEG2.5 : 8 k - 160 kbps
- Sampling frequency:
 - MPEG1 : 32 k/44.1 k/48 kHz
 - MPEG2 : 16 k/22.05 k/24 kHz
 - MPEG2.5 : 8 k/11.025 k/12 kHz

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

- Bit rate: 5 k - 384 kbps
- Sampling frequency: 8 k/11.025 k/16 k/22.05 k/32 k/44.1 k/48 kHz
- Compliant with WMA Ver.9 Standard

AAC

- Bit rate
 - monoral: 8 k - 160 kbps
 - stereo : 16 k - 320 kbps
- Sampling frequency: 8 k/11.025 k/12 k/16 k/22.05 k/24 k/32 k/44.1 k/48 kHz

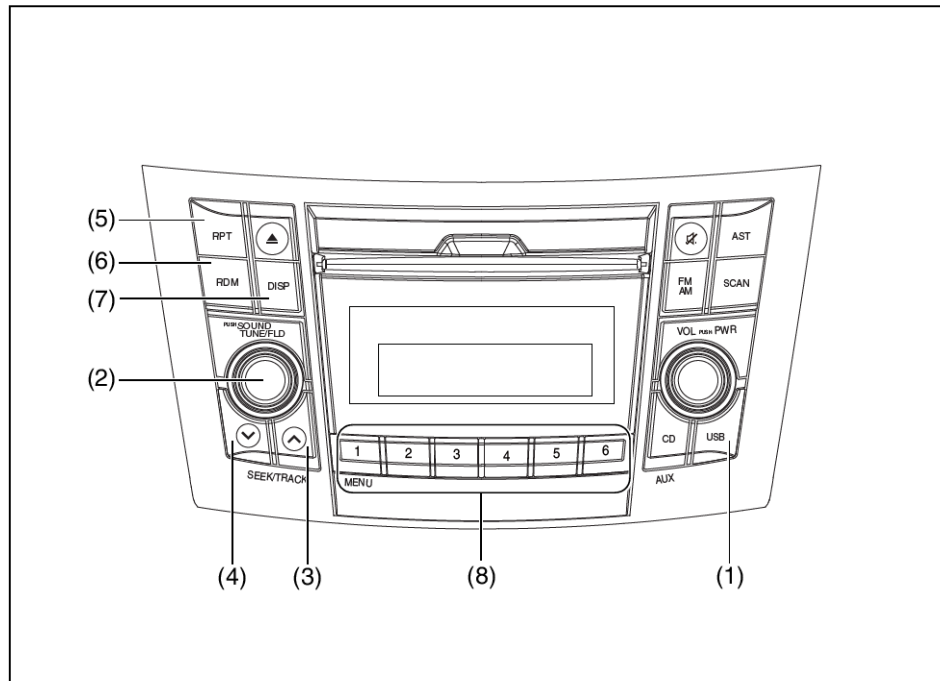
Maximum number of files/folders

- Maximum number of files: 2500 (files + folders)
- Maximum number of files in a folder: 255
- Maximum depth of tree structure: 8
- Maximum number of folders: 255 (Root folder is included.)

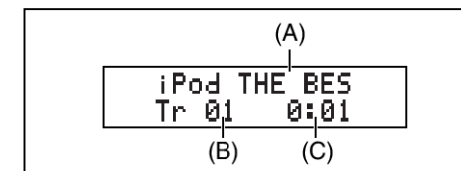
OTHER CONTROLS AND EQUIPMENT

Listening to an iPod®

TYPE 1



Display

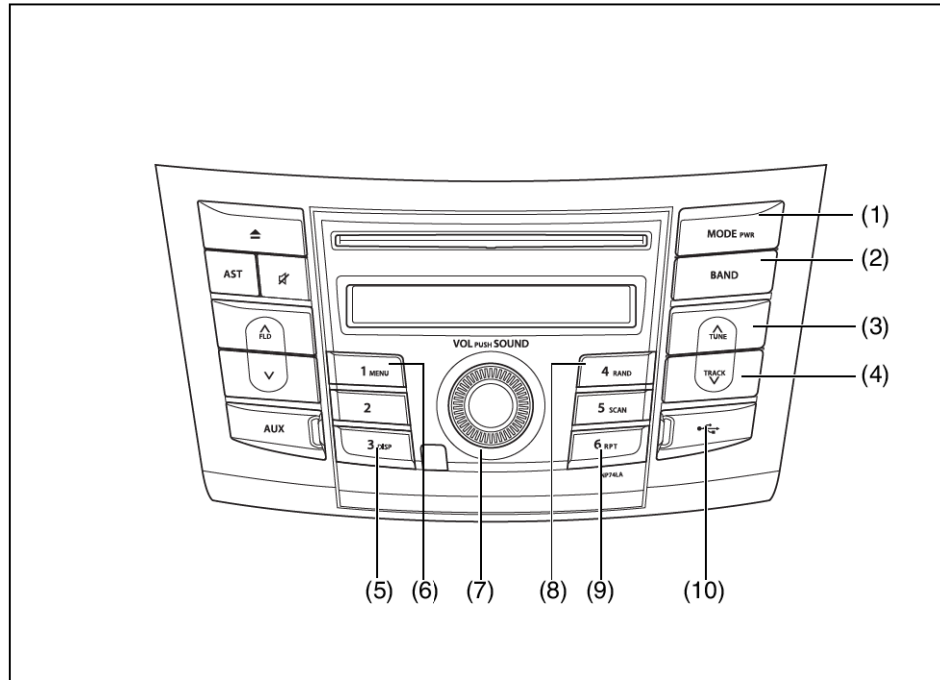


- (1) USB button
- (2) TUNE FOLDER PUSH SOUND knob
- (3) Up button
- (4) Down button
- (5) RPT button
- (6) RDM button
- (7) DISP button
- (8) Preset buttons ([1] to [6])

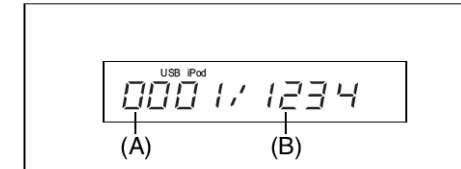
- (A) Track title
- (B) Track number
- (C) Play time

OTHER CONTROLS AND EQUIPMENT

TYPE 2



Display



- (1) MODE PWR button
- (2) BAND button
- (3) TRACK Up button
- (4) TRACK Down button
- (5) DISP button
- (6) MENU button
- (7) VOL PUSH SOUND knob
- (8) RAND button
- (9) RPT button
- (10) USB connector

- (A) Song number
- (B) Number of song in title

OTHER CONTROLS AND EQUIPMENT

Selecting an iPod® mode

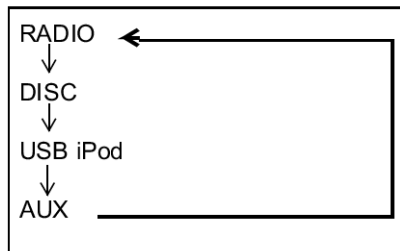
TYPE 1:

Press the USB button (1).

TYPE 2:

Press the MODE PWR button (1).

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



When the system enters USB iPod mode, playback starts automatically

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

TYPE 1:

Press the RDM button (6).

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

OFF → SONG RANDOM → ALBUM RANDOM

- **SONG RANDOM**
The random indicator “RDM” will light. The tracks in the iPod® will be played in random order.
- **ALBUM RANDOM**
The random indicator “D.RDM” will light. The albums in the iPod® will be played in random order.

TYPE 2:

- **SONG RANDOM**
Each time you press the RAND button (8) for less than 2 seconds, the mode will

change as follows.

OFF → SONG RANDOM

The random indicator “RAND” will light. The files in the iPod® will be played in random order.

- **ALBUM RANDOM**
Each time you hold down the RAND button (8) for 2 seconds or longer, the mode will change as follows.

OFF → ALBUM RANDOM

The random indicator “RAND” starts flashing. The albums in the iPod® will be played in random order.

Repeat playback

TYPE 1:

Press the RPT button (5).

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

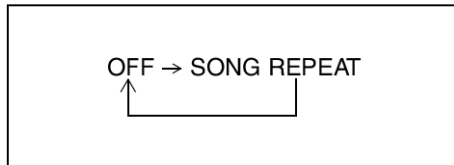
OTHER CONTROLS AND EQUIPMENT



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

TYPE 2:

Press the RPT button (9).
Each time the button is pressed, the mode will change as follows:

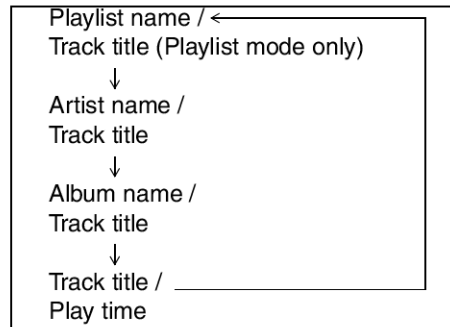


- **SONG REPEAT**
The repeat indicator "RPT" will light.
The track currently being played will be played repeatedly.

Display change

TYPE 1:

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

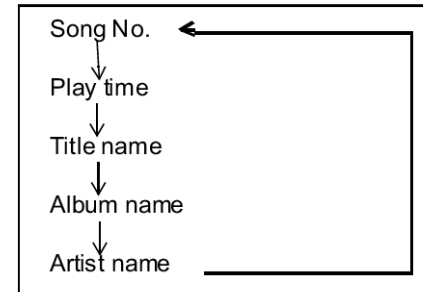


NOTE:

If text data contains more than 12 characters, the ">" mark will appear at the right end. Holding down the DISP button (7) for 1 second or longer can display the next page.

TYPE 2:

Press the DISP button (5).
Each time the button is pressed, display will change as follows:



NOTE:

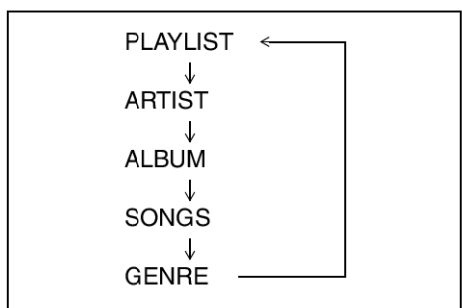
If text data contains more than 10 characters, holding down the DISP button (5) for 2 second or longer can display the next page.

Playing Mode selection

TYPE 1:

- 1) Press the button numbered [6] of the Preset buttons (8) for 1 second or longer.
- 2) Turn the TUNE FOLDER PUSH SOUND knob (2).
Each time the knob is turned, the mode will change as follows:

OTHER CONTROLS AND EQUIPMENT



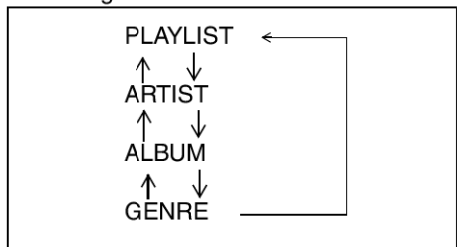
- 3) Press the TUNE FOLDER PUSH SOUND knob (2) to select the desired mode.

NOTE:

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

TYPE 2:

- 1) Press the MENU button (6).
- 2) Turn the VOL PUSH SOUND knob (7). Each time the knob is turned, the mode will change as follows:



Notes on iPod®

Supported iPod

TYPE 1:

- iPod® touch
- iPod® classic
- iPod® nano (4th generation)
- iPod® nano (3rd generation)
- iPod® nano (2nd generation)
- iPod® nano (1st generation)
- iPod® (5th generation)
- iPhone®
- iPhone® 3G

TYPE 2:

- iPod® touch (4th generation)
- iPod® touch (3rd generation)
- iPod® touch (2nd generation)
- iPod® touch (1st generation)
- iPod® classic
- iPod® nano (6th generation)
- iPod® nano (5th generation)
- iPod® nano (4th generation)
- iPod® nano (3rd generation)
- iPod® nano (2nd generation)
- iPod® nano (1st generation)
- iPod® (5th generation)
- iPhone® 4
- iPhone® 3GS
- iPhone® 3G
- iPhone®

Some functions may not be available depending on the model of iPod®. iPod® is a trademark of Apple Inc., registered in the U.S. and other countries. iPhone® is a trademark of Apple Inc., registered in the

U.S. and other countries. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

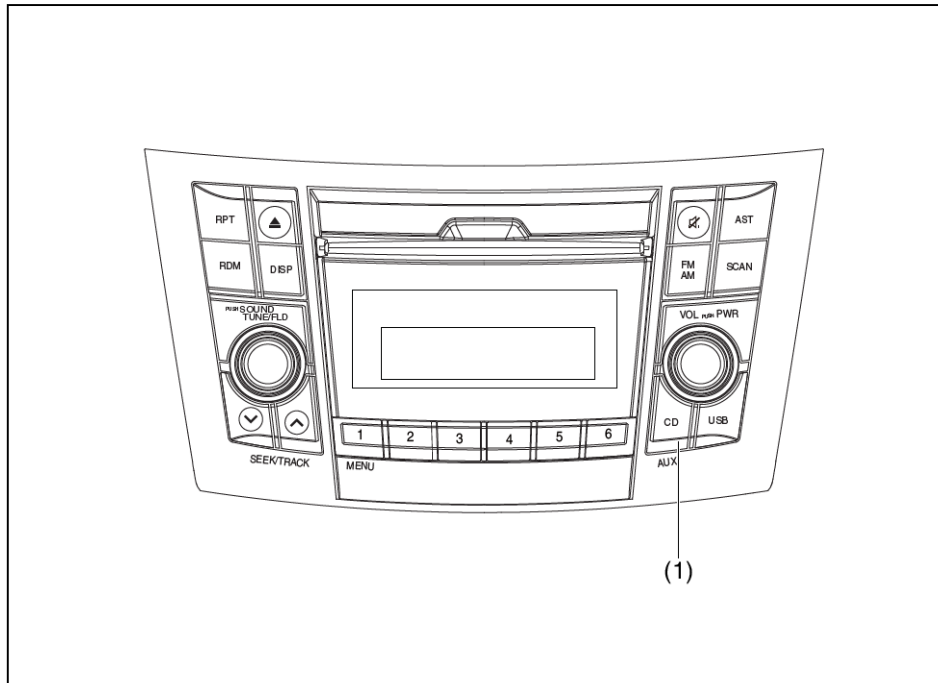
iPod® connection

Make sure to detach the iPod® after pressing the engine switch to change the ignition mode to LOCK. 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

TYPE 1



(1) AUX (CD) button

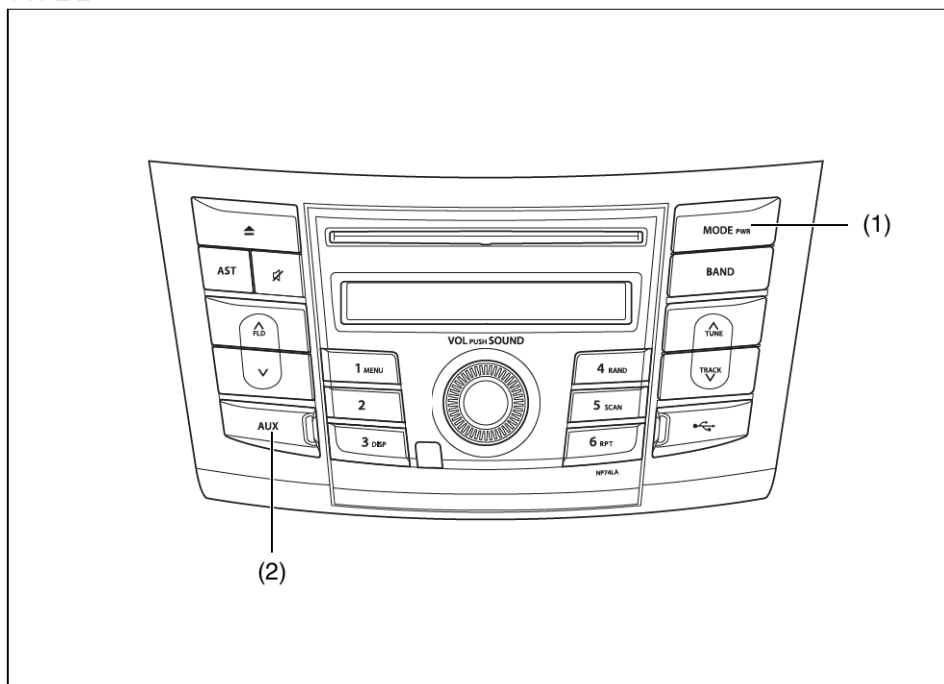
AUX connection

To listen to auxiliary audio sources (sold separately) through the unit, follow the instruction below.

- 1) Press the AUX (CD) button (1).
- 2) Connect the auxiliary audio source to the AUX/USB socket (separately attached) with an AUX cable.

OTHER CONTROLS AND EQUIPMENT

TYPE 2



(1) MODE PWR button

(2) AUX socket

AUX connection

To listen to auxiliary audio sources through the unit, follow the instruction below.

- 1) Press the MODE PWR button (1).
- 2) Connect the auxiliary audio source to the AUX socket (2).

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.

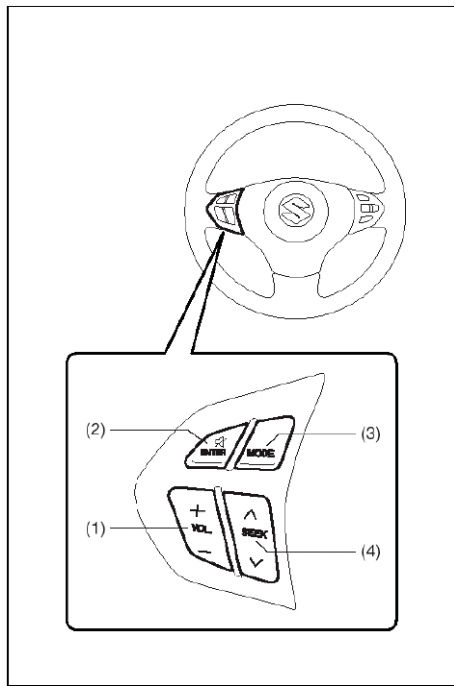
NOTE:

- The volume and tone controls of the auxiliary audio source can be adjusted on the unit.
- In AUX mode, the volume setting is different from another mode.

OTHER CONTROLS AND EQUIPMENT

Remote Audio Controls (if equipped)

Controlling of basic functions of the audio system is available using the switches on the steering wheel.



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 (Radio) ←
↓
FM2 (Radio)
↓
CD
↓
AUX
↓
USB (iPod®)
↓
AM (Radio) —→
```

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®) 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.

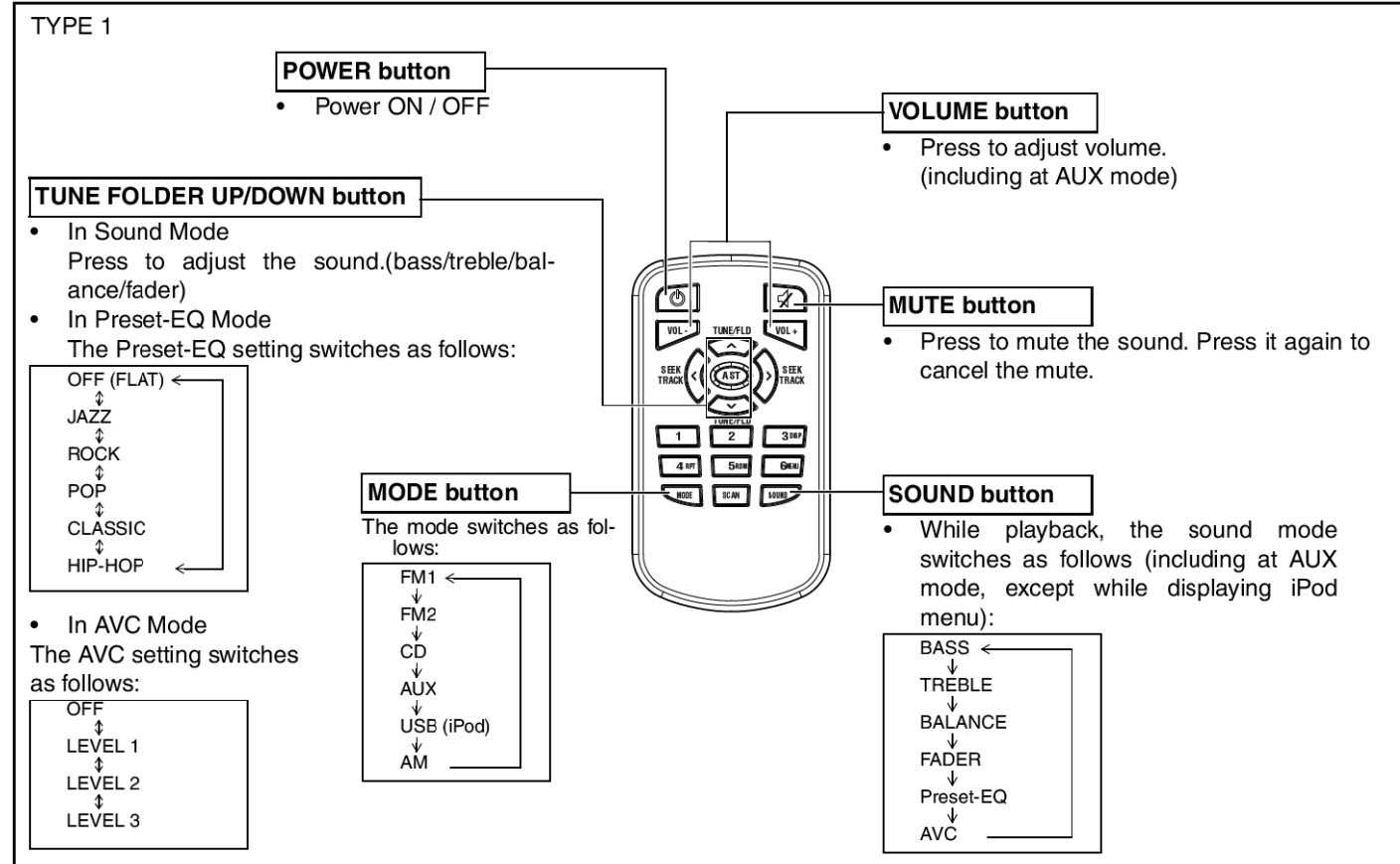
Fast forwarding/Rewinding a track

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

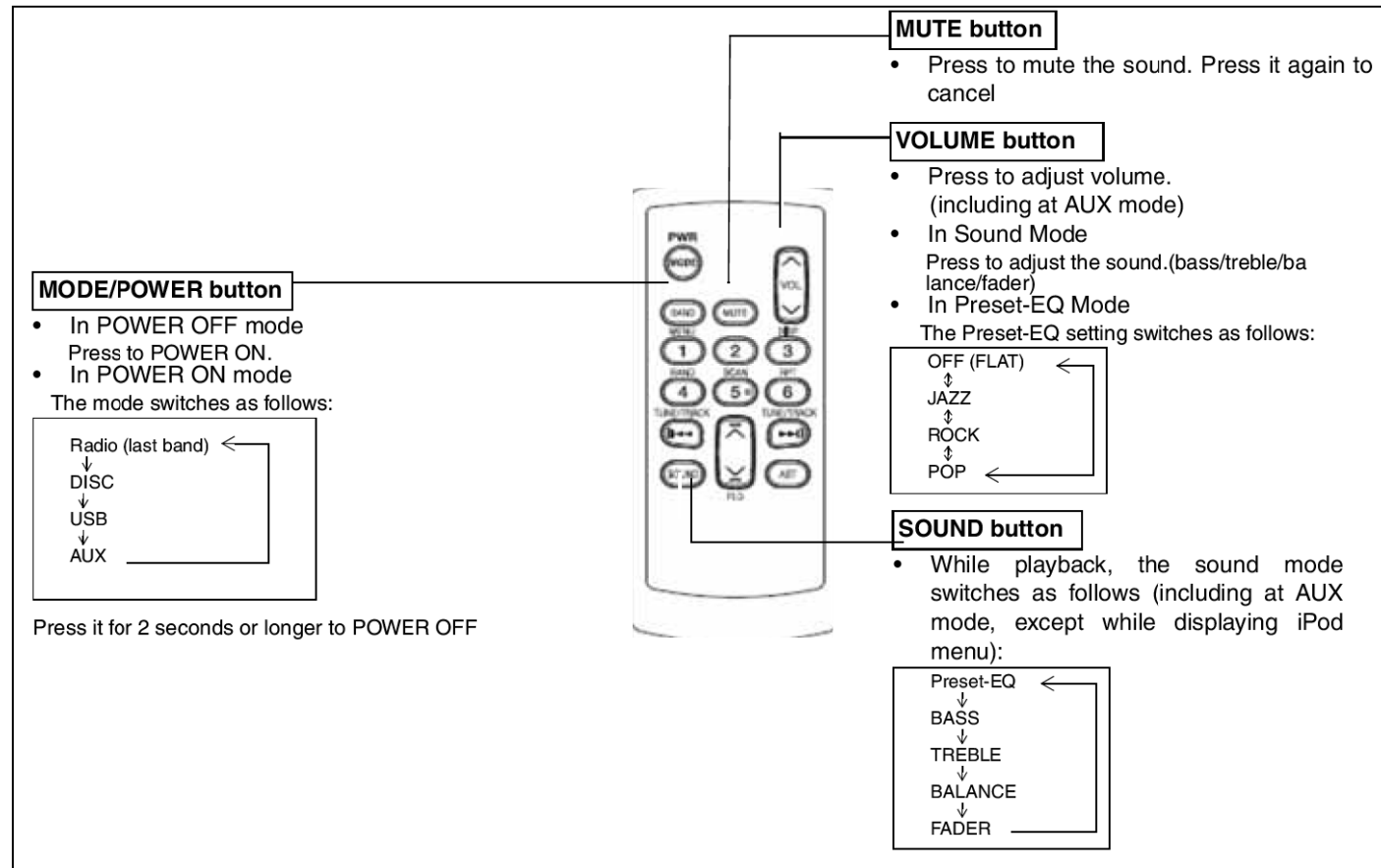
Remote Controller

Common operations



OTHER CONTROLS AND EQUIPMENT

TYPE 2



OTHER CONTROLS AND EQUIPMENT

Radio operations

TYPE 1

SCAN button

- Press to start the scan play. It starts seeking upward (higher frequency), and pauses for 5 seconds to receive the band, and sequentially repeats seeking and play.

AST button

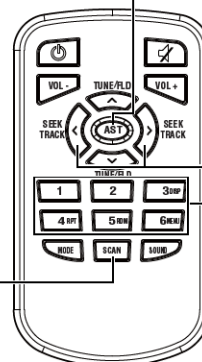
- Press to return to the last received frequency in the previous auto store mode.
- Press it for 2 seconds or longer. It selects the stations with the stronger signals and stores them in order.

SEEK TRACK UP/DOWN button

- Press to select the radio station.

PRESET buttons (1-6)

- Press to select the desired preset sta-

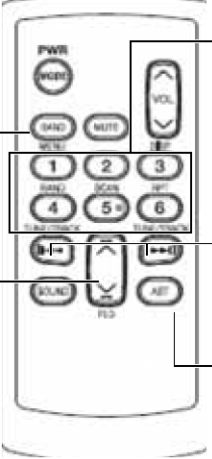


NOTE:

- When the SCAN button is pressed while pausing for receiving, it cancels the scan operation and continuously receives the station.
- When the SCAN button is pressed while searching, it cancels the scan operation and stops at next receivable station.
- 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

TYPE 2



The diagram shows a car stereo control panel with the following buttons and callouts:

- BAND button**
 - Press to change the Radio band as follows:
 - FM1 ←
 - ↓
 - FM2
 - ↓
 - AM
- UP/DOWN button**
 - Press to scan up/down.
- PRESET buttons (1-6)**
 - Press to select the desired preset station.
- TUNE TRACK UP/DOWN button**
 - Press to select the radio station.
- AST button**
 - Press to return to the last received frequency in the previous manual mode.
 - Press it for 2 seconds or longer. It selects the stations with the stronger signals and stores them in order.

NOTE:

- When the UP/DOWN button is pressed while pausing for receiving, it cancels the scan operation and continuously receives the station.
- When the UP/DOWN button is pressed while searching, it cancels the scan operation and stops at next receivable station.
- 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

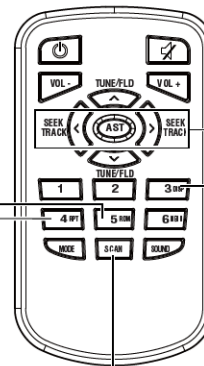
TYPE 1

RDM (5) button

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

RPT (4) 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.

DISP (3) button

- The display switches as follows:

Play time ←
↓
Disc title
↓
Track title

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

SCAN button

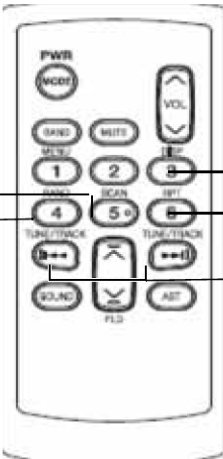
- Press to play the first 10 seconds of each track in the disc sequentially.

NOTE:

- When the scan play is done for one round, the normal playback starts.
- To cancel the scan play, press the SCAN button again.

OTHER CONTROLS AND EQUIPMENT

TYPE 2



SCAN (5) button

- Press to play the first 10 seconds of each track in the disc sequentially.

RAND (4) button

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

DISP (3) 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 (6) button

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

TUNE 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.

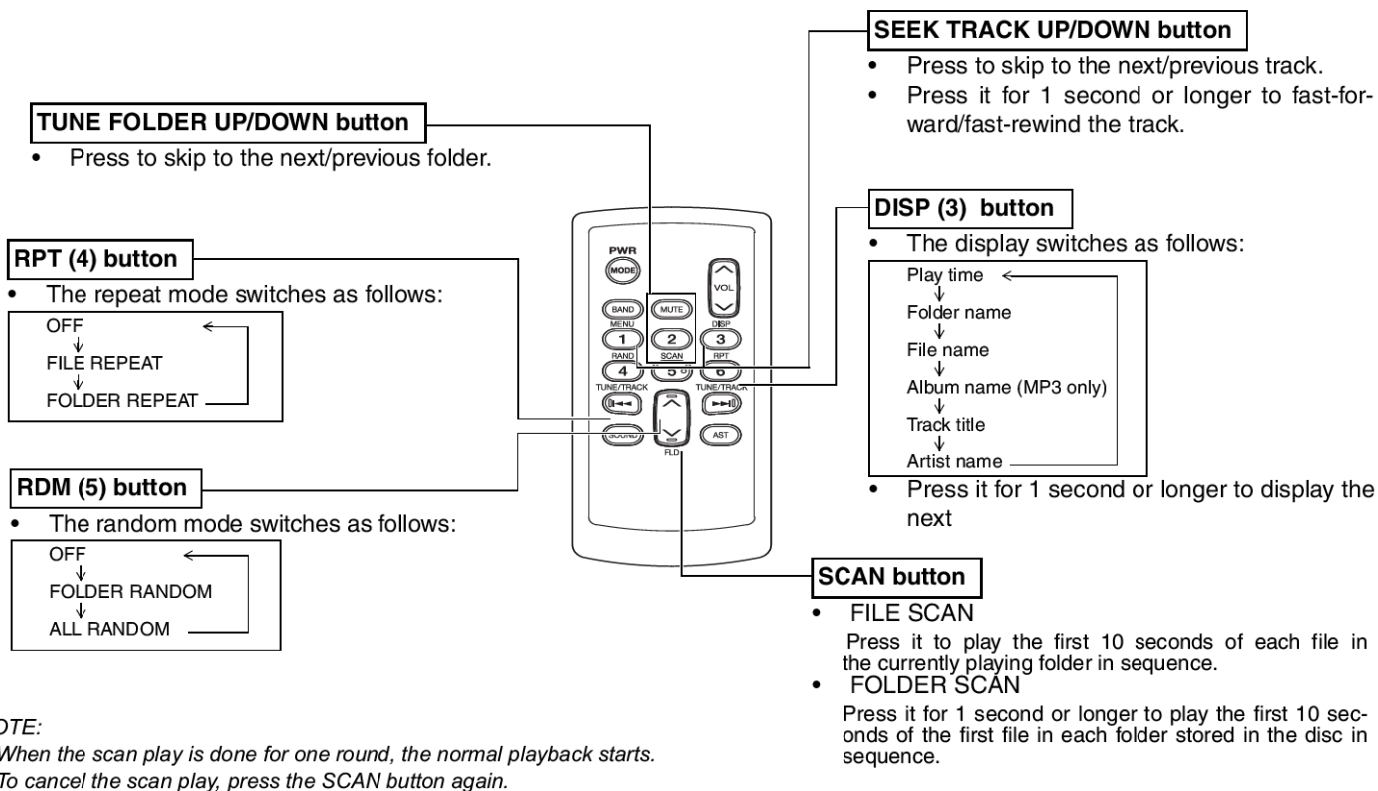
NOTE:

- When the scan play is done for one round, the normal playback starts.
- To cancel the scan play, press the SCAN button again.

OTHER CONTROLS AND EQUIPMENT

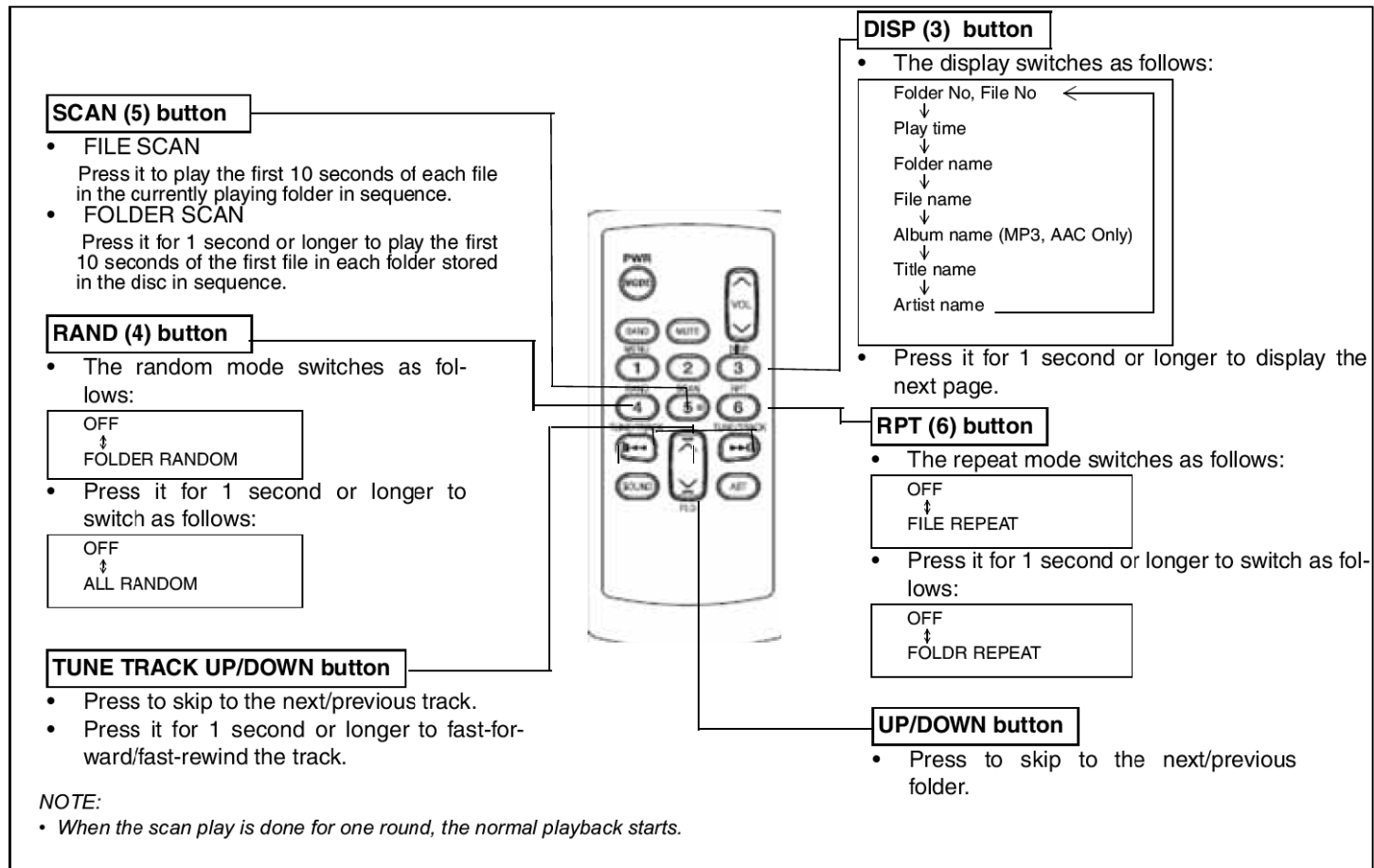
MP3/WMA/AAC (if equipped) Disc operations

TYPE 1



OTHER CONTROLS AND EQUIPMENT

TYPE 2



OTHER CONTROLS AND EQUIPMENT

USB operations

TYPE 1

TUNE FOLDER UP/DOWN button

- Press to skip to the next/previous

RPT (4) button

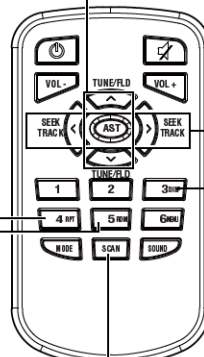
- The repeat mode switches as follows:

OFF
↓
FILE REPEAT
↓
FOLDER REPEAT

RDM (5) button

- The random mode switches as follows:

OFF
↓
FOLDER RANDOM
↓
ALL RANDOM



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.

DISP (3) button

- The display switches as follows:

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

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

SCAN button

- FILE SCAN

Press it to play the first 10 seconds of each file in the currently playing folder in sequence.

- FOLDER SCAN

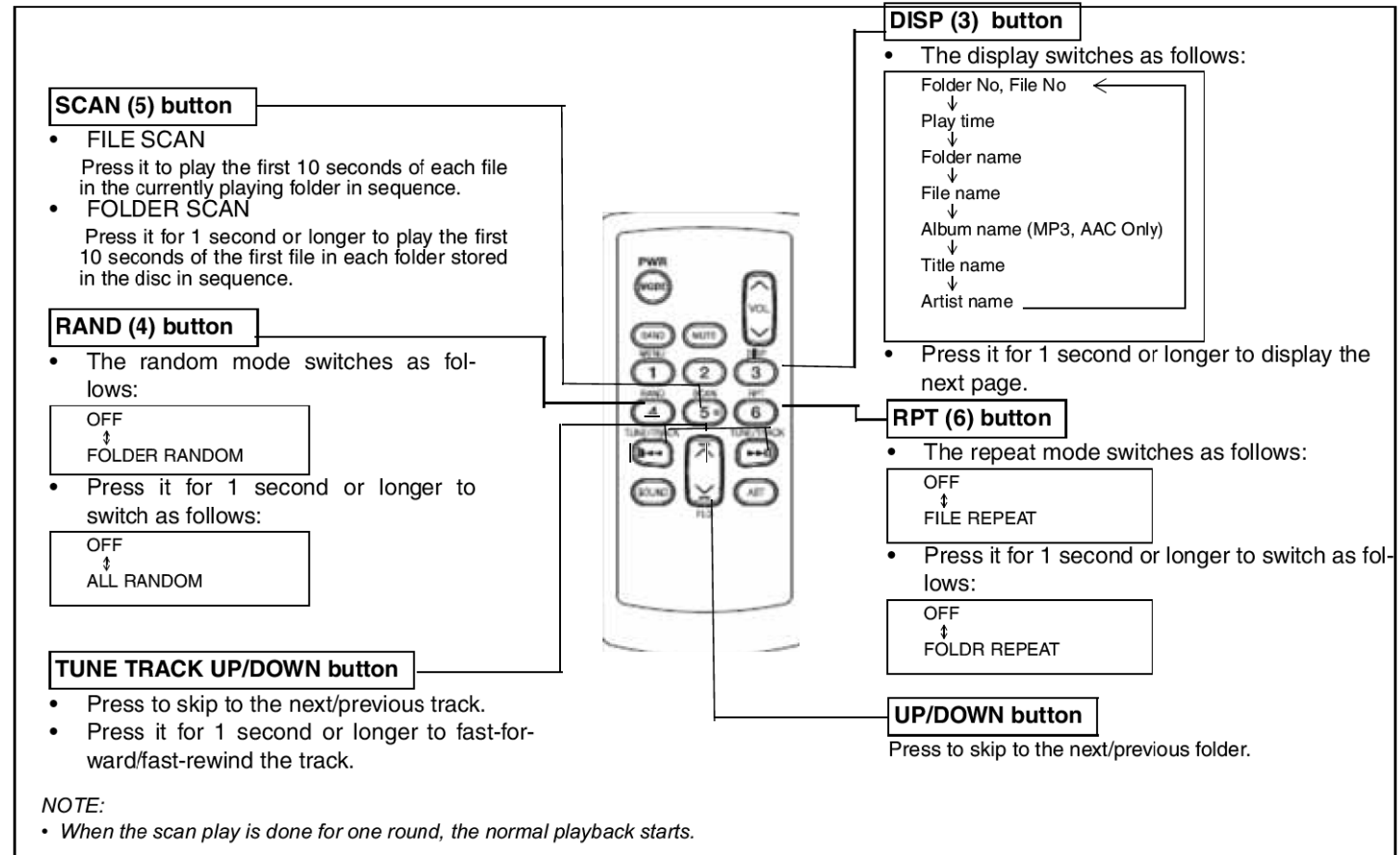
Press it for 1 second or longer to play the first 10 seconds of the first file in each folder stored in the disc in sequence.

NOTE:

- When the scan play is done for one round, the normal playback starts.
- To cancel the scan play, press the SCAN button again.

OTHER CONTROLS AND EQUIPMENT

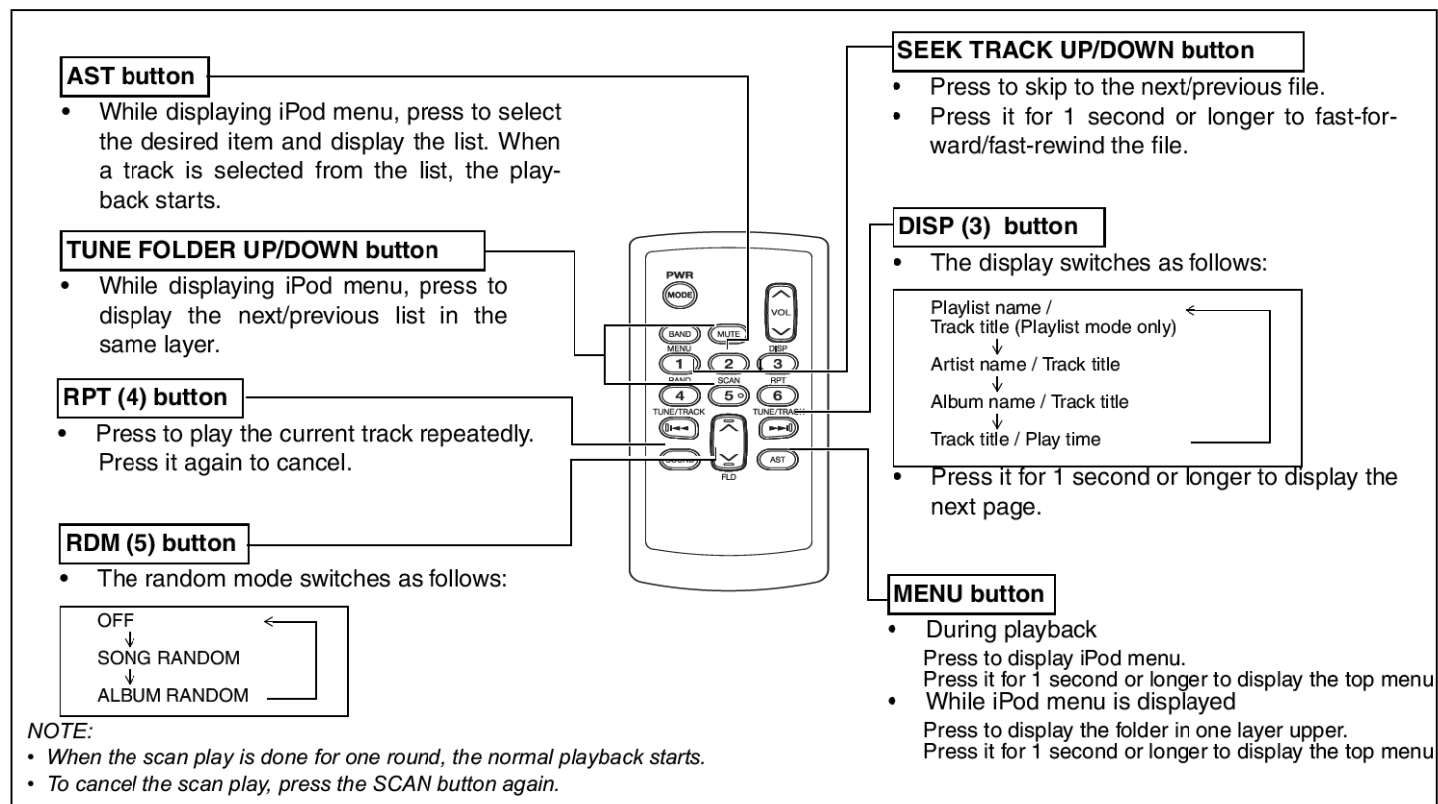
TYPE 2



OTHER CONTROLS AND EQUIPMENT

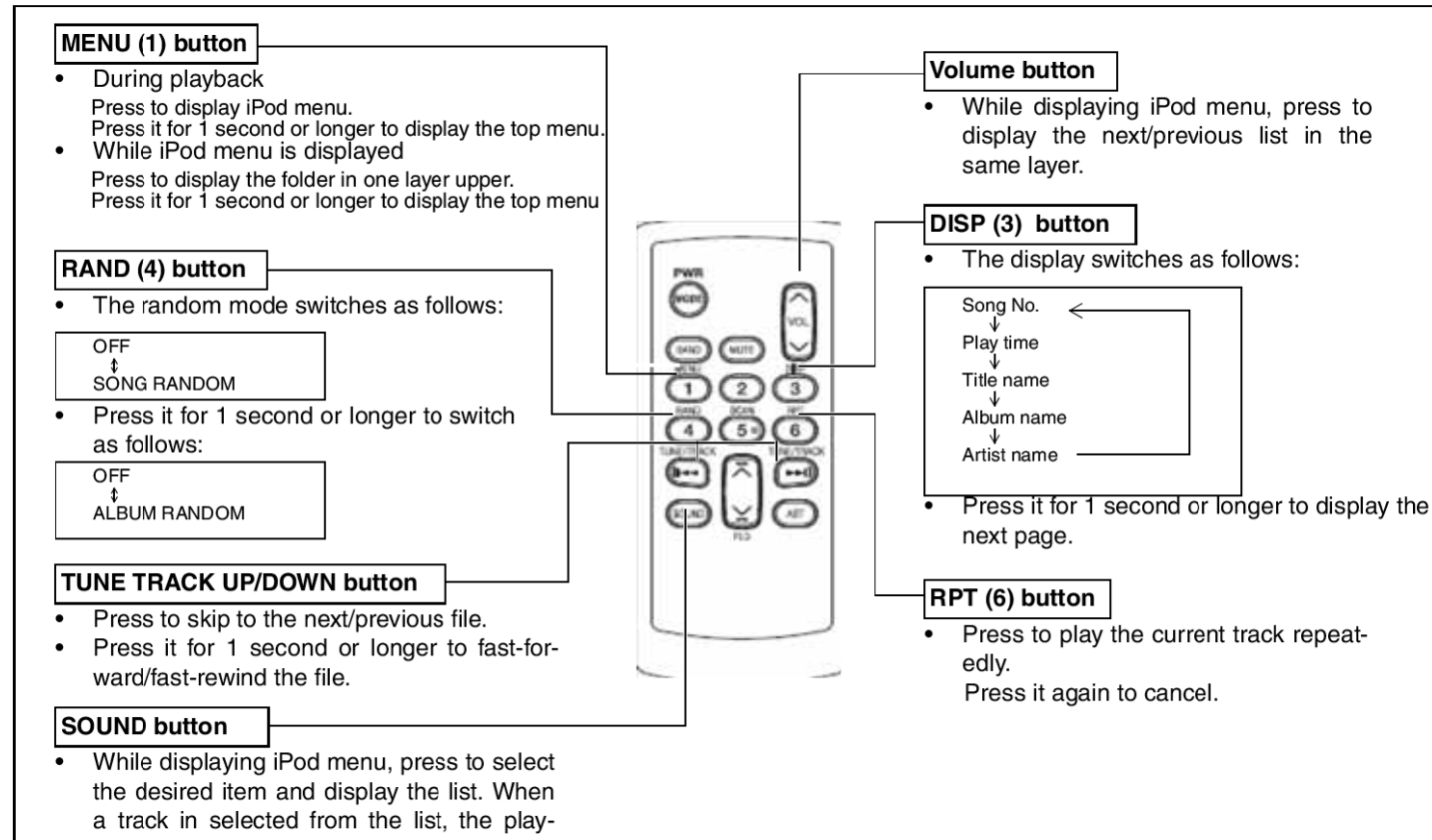
iPod operation

TYPE 1



OTHER CONTROLS AND EQUIPMENT

TYPE 2



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 authorized MARUTI SUZUKI dealer.

Problem	Possible cause	Possible solution
---------	----------------	-------------------

Common

Unable to turn on the power (no sound). (No sound is produced)	Fuse is blown.	Contact your authorized MARUTI SUZUKI dealer.
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Radio

Much noise	It may not be exactly tuned in to the station.	Tune it in exactly to the station.
Unable to receive by auto tuning	There may be no station emitting signals powerful enough.	Pick up a station by manual tuning.

CD

Sound skips or noise produced	The disc is dirty.	Wipe the disc with a soft cloth.
	The disc has a major scratch or is warped.	Replace the disc with the one with no scratch and also not warped.

OTHER CONTROLS AND EQUIPMENT

Problem	Possible cause	Possible solution
---------	----------------	-------------------

MP3/WMA

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 A.	Use an USB device with a current consumption lower than 1 A.

OTHER CONTROLS AND EQUIPMENT

Error Display Messages

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

CD

E 1, E 2	The disc cannot be read.	Insert the disc with its label side up. Check the disc if it is not warped or is free of flaws. When E 1, E 2 does not disappear even when a normal disc is inserted, contact your dealer.
E 3	The player developed an error of an unidentified cause.	When the CD is in the unit, press the CD eject button to remove the disc. When the disc cannot be ejected, contact your dealer.

USB/iPod®

TYPE 1

ERROR 1	Inoperable due to an unidentified cause.	Unplug the USB device and plug it again. When ERROR 1 does not disappear, contact your dealer.
ERROR 3	The USB device is disconnected.	Check the connection of the USB device.
ERROR 4	The current consumption of the USB device exceeds 500 mA.	Check the USB device.

OTHER CONTROLS AND EQUIPMENT

TYPE 2

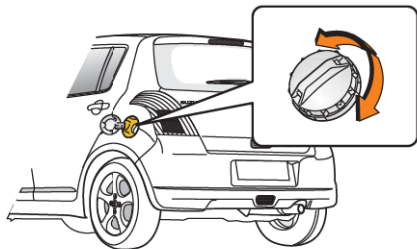
Display	Possible cause	Possible solution
E 1, E 6	Inoperable due to an unidentified cause.	Unplug the USB device and plug it again. When E 1, E 6 does not disappear, contact your dealer.
E 2	The current consumption of the USB device exceeds 1 A.	Check the USB device.
E 3	The USB device is disconnected.	Check the connection of the USB device.

OTHER CONTROLS AND EQUIPMENT

Fuel Filler Cap

Swift

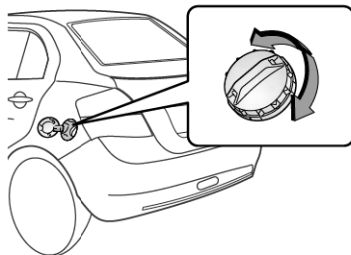
EXAMPLE



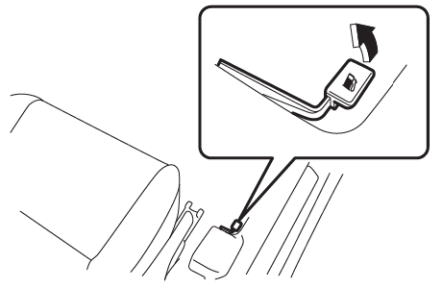
68LM522

Dzire

EXAMPLE

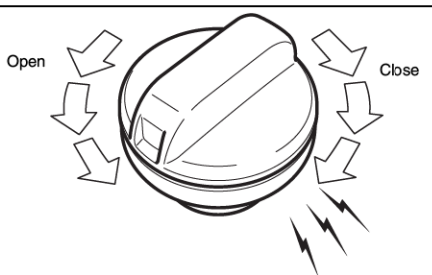


EXAMPLE



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.



EXAMPLE

57I51093

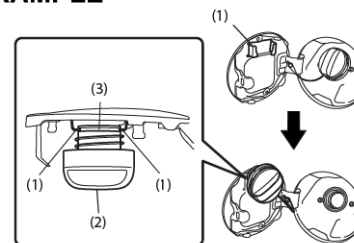
To remove the fuel filler cap:

- 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.

EXAMPLE



68MLT0503

NOTE:

The cap holder (1) holds the fuel filler cap (2) by hooking 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.

OTHER CONTROLS AND EQUIPMENT

⚠ WARNING

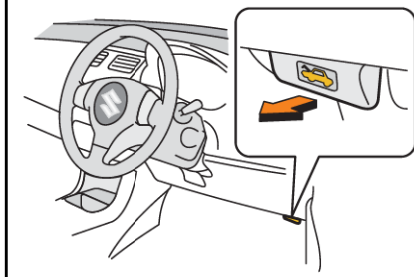
Fuel is extremely flammable. Do not smoke when refueling, and make sure there are no open flames or sparks in the area.

⚠ WARNING

If you need to replace the fuel cap, use a genuine MARUTI SUZUKI 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 Bonnet

EXAMPLE

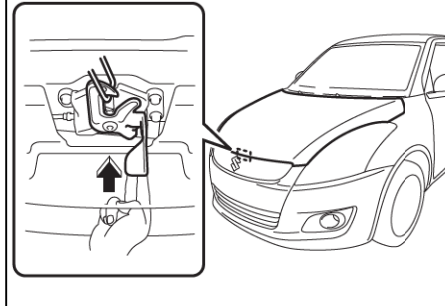


63J063

To open the engine hood:

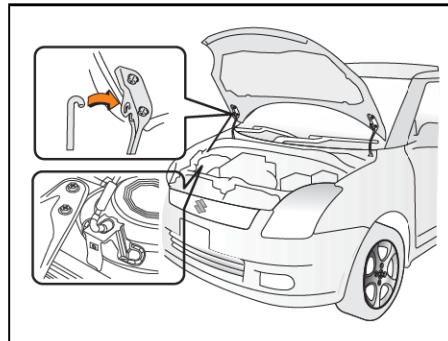
- 1) Pull the hood release handle located on the outboard side of the driver's side of the instrument panel. This will disengage the engine hood lock halfway.

EXAMPLE



74LHT0514

- 2) Push the under-hood release lever up with your finger, as shown in the illustration. While pushing the lever, lift up the engine hood.



63J065

- 3) Continue to lift up the hood until it is high enough to support with the prop rod.

To close the engine hood:

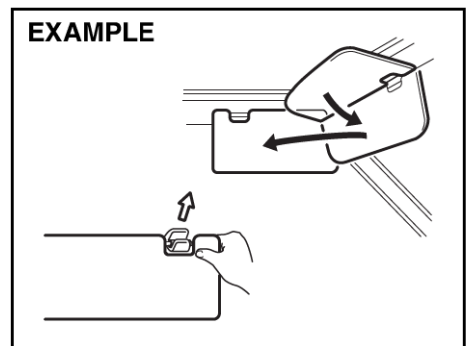
- 1) Lift the hood up slightly and remove the prop rod from the hole. Put the prop rod back to the holding clip.
- 2) Lower the hood close to the bumper, then let it drop down. Make sure the hood is securely latched after closing.

⚠ 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.

OTHER CONTROLS AND EQUIPMENT

Sun Visor



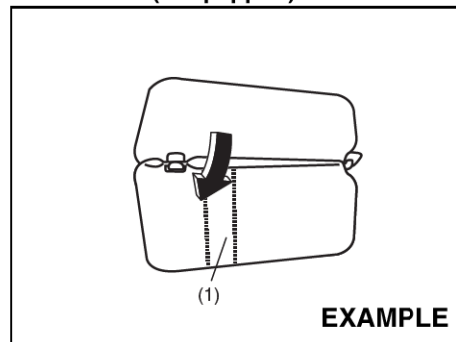
79J161

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)



74LHT0516

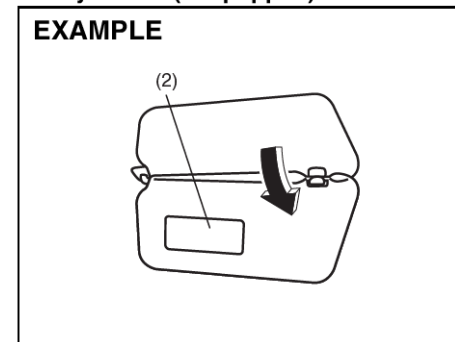
(1) Card holder

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

NOTICE

When you park your vehicle outdoors in direct sunlight or in hot weather, do not leave plastic cards in the holder. The heat may distort them.

Vanity mirror (if equipped)



74LHT0532

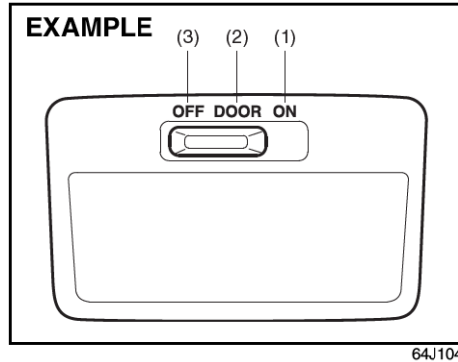
(2) Vanity mirror

⚠ WARNING

- Do not use the mirror while driving your vehicle or could lose control of the vehicle.
- When using the vanity mirror, do not move too close to a front air bag location or lean against it. If the front air bag is accidentally inflated, it could hit you hard.

OTHER CONTROLS AND EQUIPMENT

Interior Light Switch



This light switch has three positions which function as described below:

ON (1)

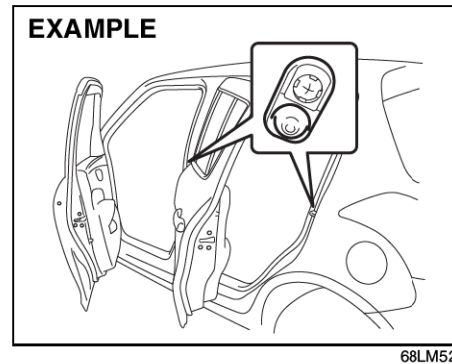
The light comes on and stays on regardless of whether the door is open or closed.

DOOR (2)

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 into the ignition switch 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.

OFF (3)

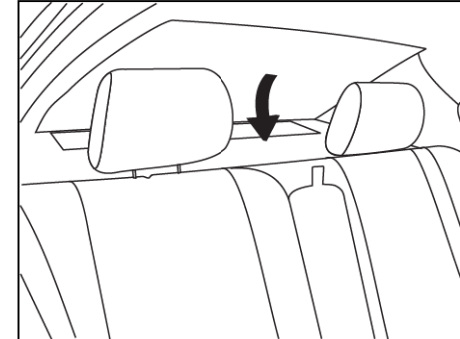
The light remains off even when the door is opened.



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.

Trim Partition (if equipped)

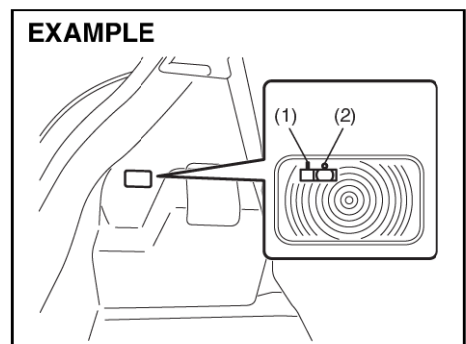


⚠ WARNING

Do not carry items on top of the Trim partition 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.

OTHER CONTROLS AND EQUIPMENT

Luggage Compartment Light (if equipped)



71LMT0505

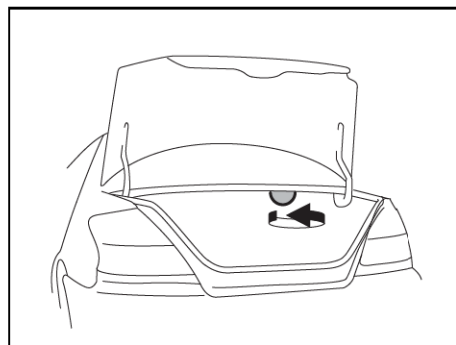
When you open the tailgate with the luggage compartment light switch in the "ON" position (1), the light comes on and remains on as long as you keep the tailgate open.

When the luggage compartment light switch is in the "OFF" position (2), the light remains off regardless of whether the tailgate is opened or closed.

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.

Trunk Light (if equipped)



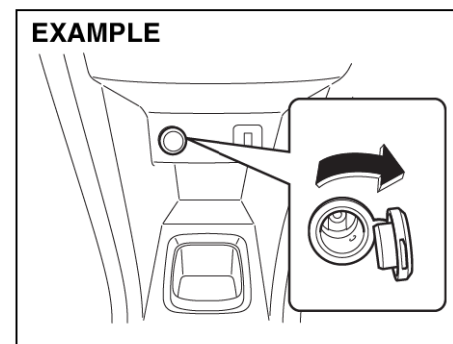
74LHT0517

When you open the trunk lid, the trunk light comes on and remains on as long as you keep the lid open.

NOTICE

Do not leave the trunk lid open for a long time, or the battery will discharge.

Accessory Socket (if equipped)



74LHT0517

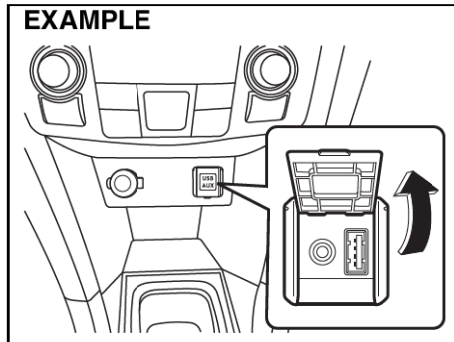
This socket can be used to provide 12 volt/120 watt power for electrical accessories.

NOTICE

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.

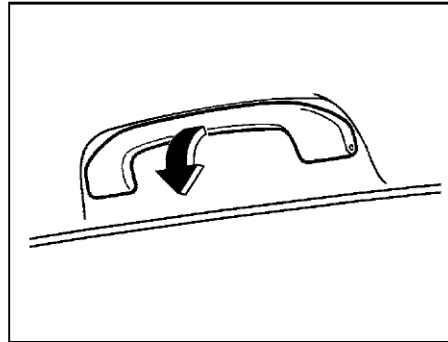
OTHER CONTROLS AND EQUIPMENT

AUX/USB Socket (if equipped)



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 the "OTHER CONTROL AND EQUIPMENT" section.

Assist Grips



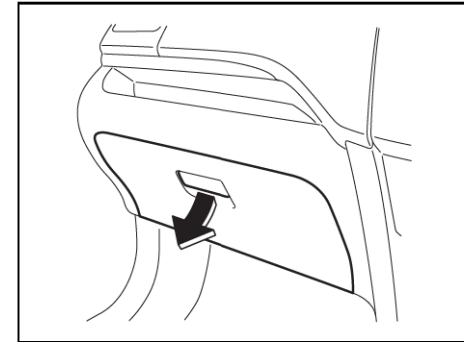
Assist grips are provided for passenger convenience.

NOTICE

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

Assist grips is not provided on driver seat.

Glove Box



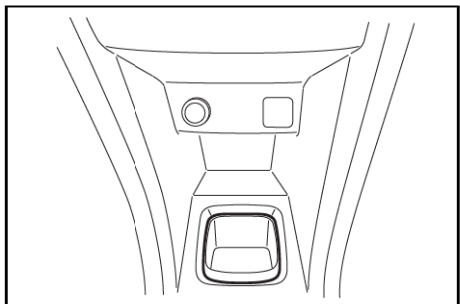
To open the glove box, pull the latch lever. To close it, push the lid until it latches securely.

⚠ WARNING

Never drive with the glove box lid open. It could cause injury if an accident occurs.

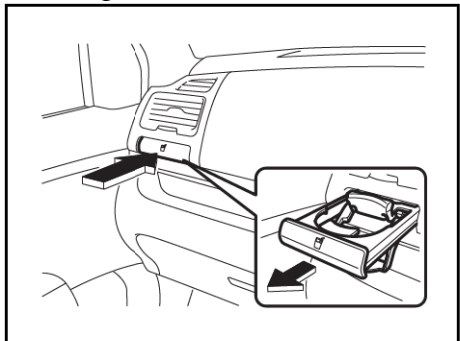
OTHER CONTROLS AND EQUIPMENT

Cup Holder and Storage Area (if equipped) Front



74LHT0520

Passenger side

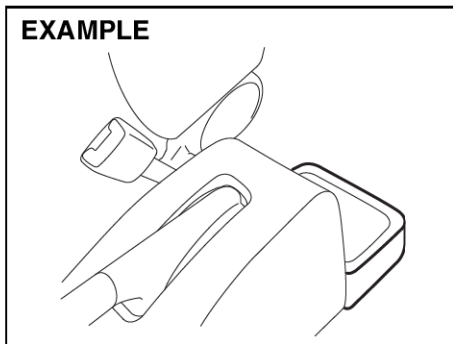


74LHT0529

To use the cup holder, push it. The cup holder slides out automatically. After using the holder, push it back to return it.

Rear

EXAMPLE



74LHT0527

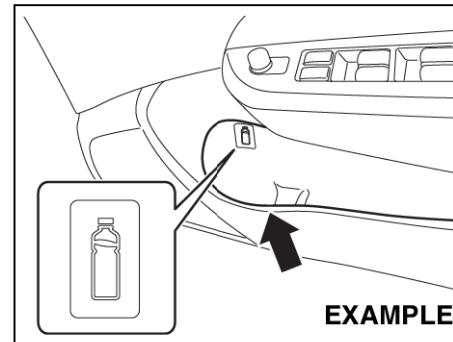
The storage area is provided in the center console.

CAUTION

Do not use the cup holder to hold cups containing hot liquids, or sharp-edged, hard or breakable objects. Objects in the cup holder may be thrown about during a sudden stop or impact, and could cause personal injury.

Bottle holder

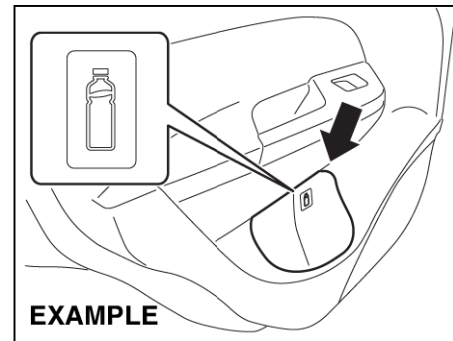
Front



EXAMPLE

74LHT0522

Rear



EXAMPLE

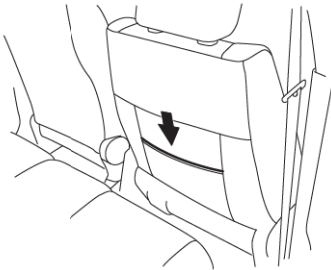
68LM542

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

OTHER CONTROLS AND EQUIPMENT

Front Seat Back Pocket (if equipped)

EXAMPLE



74LHT0535

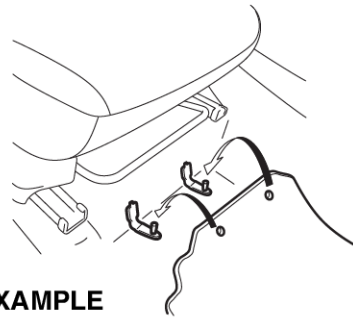
This pocket is provided for holding light and soft things such as gloves, newspapers or magazines.

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.

Floor Mats (if equipped)

EXAMPLE



74LHT0534

To prevent the driver's side floor mat from sliding forward and possibly interfering with the operation of the pedals, genuine MARUTI SUZUKI floor mats are recommended.

Whenever you put the driver's side floor mat back in the vehicle after it has been removed, be sure to hook the floor mat grommets to the fasteners and position the floor mat properly in the footwell.

When you replace the floor mats in your vehicle with a different type such as all-weather floor mats, we highly recommend using genuine MARUTI SUZUKI floor mats for proper fitting.

⚠ WARNING

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

- Make sure that the floor mat grommets are hooked to the fasteners.
- Never place additional floor mats on top of the existing floor mats.

Shopping Hook (if equipped)

The shopping hooks are located on the both sides of the luggage compartment. You can hang the shopping bag or other suitable objects on the hook.

This hook is not designed for large or heavy items.

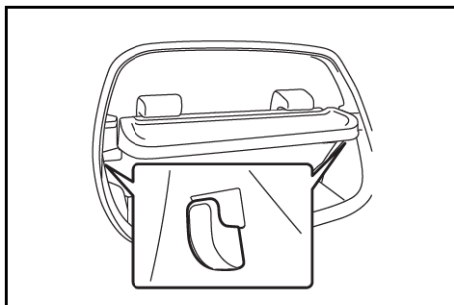
NOTICE

To avoid breaking the hook, do not hang items heavier than following weight.

- Shopping hook: 2 kg (4.4 lbs)

OTHER CONTROLS AND EQUIPMENT

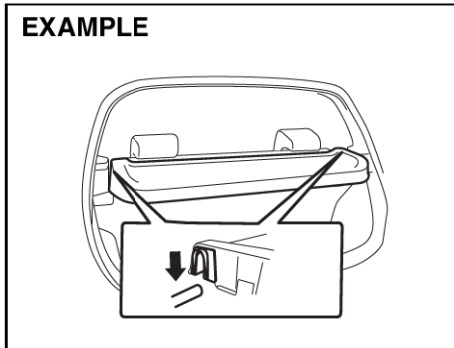
Rear



74LHT0524

**Luggage Area Cover
(if equipped)**

EXAMPLE



74LHT0525

Luggage or other cargo placed in the luggage area is hidden from view by a luggage area cover.

⚠ WARNING

Do not carry items on top of the luggage area 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

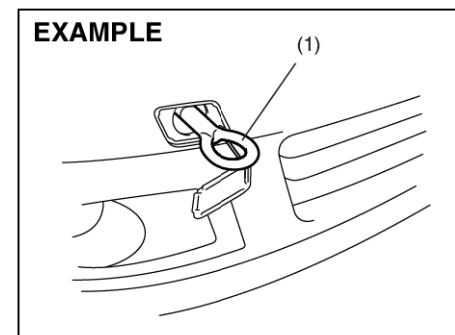
To avoid damaging the luggage area cover:

- Do not push down on it or lean on it
- Handle it carefully when installing or removing.

Frame Hooks

Front

EXAMPLE



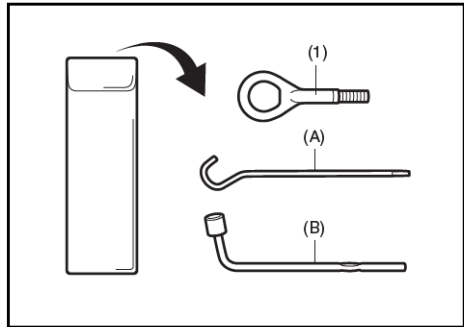
63J117

The towing hook (1) is provided on the front of the vehicle for use in emergency situations only.

To install the hook (1), follow the procedure below.

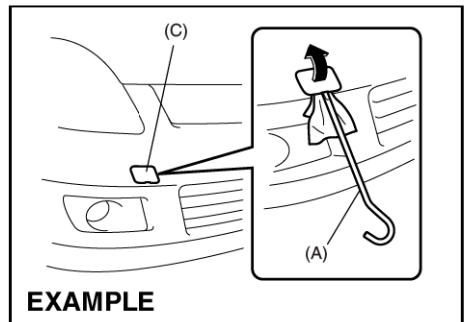
OTHER CONTROLS AND EQUIPMENT

(with spare tyre)



74LHT0528

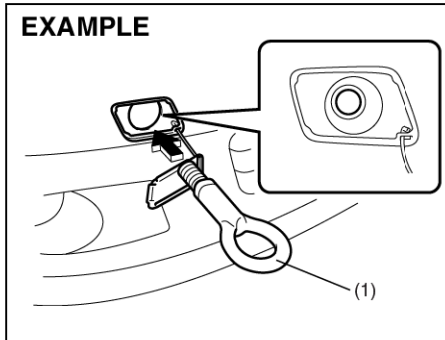
- 1) Pick up the towing hook (1), jack handle (A) and wheel brace (B) kept in the storage bag under the spare tyre in the luggage compartment



68LM546

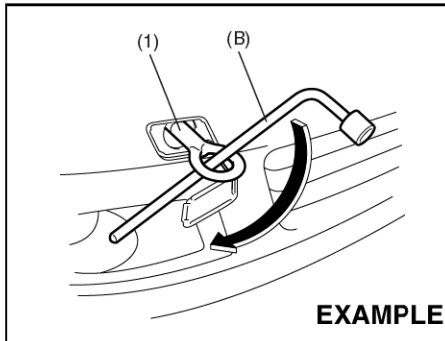
- 2) Remove the cover (C) by using a jack handle (A) covered with a soft cloth as shown in the illustration.

EXAMPLE



63J120

- 3) Install the towing hook (1) by hand.



62J161

- 4) To tighten the towing hook (1), turn it clockwise by using a wheel brace (B) until the hook (1) is securely installed.

NOTICE

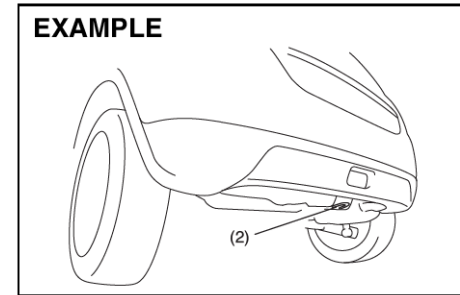
When you use the towing hook (1), avoid the driving that gives significant physical shock on hook. Such operation can damage the hook, or the vehicle body.

Do not sudden accelerate.

To remove the towing hook (1), reverse the procedure used to install the towing hook.

Rear

EXAMPLE



68LM547

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

OTHER CONTROLS AND EQUIPMENT

NOTICE

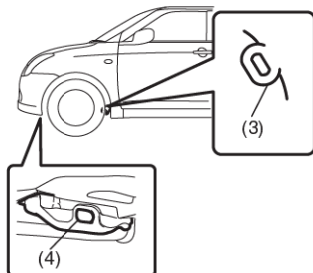
When you use the frame hook (2), avoid the driving that gives significant physical shock on hook. Such operation can damage the hook, the vehicle body or the drive system.

- Do not sudden accelerate.
- Do not tow the vehicle heavier than your vehicle.

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

Other Hooks

EXAMPLE



74LHT0536

The hooks (3) (if equipped) is provided for trailer/train shipping purposes only. The hooks (4) are provided for sea shipping purpose only.

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. The hook (2) is designed for use in emergency situations and trailer/train shipping only.

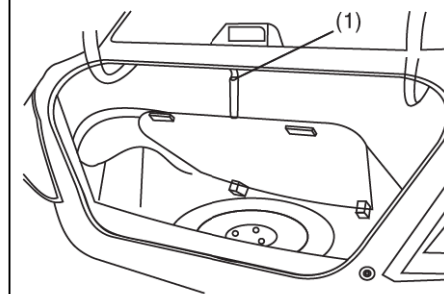
The hooks (3) (if equipped) is provided for trailer/train shipping purposes only. The hooks (4) are provided for sea shipping purpose only.

NOTICE

Never use the hooks (1) for trailer/train shipping and sea shipping purposes to prevent damage to the vehicle.

Luggage carpet hook (if equipped)

EXAMPLE



The hook (1) is provided in the luggage compartment area to hang the luggage carpet.

VEHICLE LOADING AND TOWING

Vehicle Loading 6-1

Trailer Towing 6-1

Vehicle/Trailer Loading 6-2

Additional Trailer Towing Warnings 6-3

Towing Your Vehicle 6-5

Towing Instruction Table 6-5

Towing Method A 6-6

Towing Method B 6-7

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 Gross Axle Weight Rating (GAWR, front and rear). The GVWR and GAWR (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).

GAWR – (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 GAWR (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 Gross Axle Weight Rating (GAWR).

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

Some countries have regulations which specifically allow trailer towing up to a specified maximum trailer weight (registered or statutory towing capacity, whichever is smaller); vehicles sold in these countries can be used to tow a light trailer, provided the trailer does not exceed the maximum trailer weight specified in the country's regulations.

If you use your MARUTI SUZUKI to tow a trailer, you should always observe the requirements and recommendations in this section. If you intend to tow a trailer, it is essential to select a trailer and trailer towing equipment which are compatible. A reputable towing specialist can help you. and fuel economy.

NOTICE

Trailer towing puts additional stress on the engine, drive train, and brakes of your vehicle. Never tow a trailer during the first 960 km (600 miles) of vehicle operation.

VEHICLE LOADING AND TOWING

Brakes

WARNING

If trailer brakes are used, you should follow all instructions provided by the manufacturer. Never connect to the brake system of your vehicle and never take an electrical supply directly from the wiring harness.

Tyres

WARNING

When towing a trailer, it is very important for your vehicle and trailer to have properly inflated tyres. Your vehicle's tyres should be inflated to the pressures listed on your vehicles Tyre Information label. If laden pressures are listed on the label, the tyres should be inflated to the laden pressures. Inflate trailer tyres according to the specifications provided by the trailer manufacturer.

Mirrors

Check to see if your vehicle's mirrors meet local requirements for mirrors used on towing vehicles. If they do not, you must install the required mirrors before you tow.

Vehicle/Trailer Loading

To load your vehicle and trailer properly, you must know how to measure gross trailer weight and trailer nose weight.

Gross Trailer Weight is the weight of the trailer plus all the cargo in it. You can measure gross trailer weight by putting the fully loaded trailer on a vehicle scale.

Nose Weight is the downward force exerted on the tow bar by the trailer coupler, with the trailer fully loaded and the coupler at its normal towing height. This weight can be measured using a bathroom scales.

The weight of your loaded trailer (Gross Trailer Weight) should never exceed the "Towing capacity".

Distribute cargo in your trailer so that nose weight is about 10% of gross trailer weight, but does not exceed "Maximum vertical load on trailer hitch point". You should measure gross trailer weight and nose weight before towing to make sure that your load is properly distributed.

WARNING

Improper weight distribution of your trailer may result in poor vehicle handling and swaying of the trailer. Always make sure that trailer nose weight is about 10% of gross trailer weight, but does not exceed "Maximum vertical load on trailer hitch point". Also make sure that the cargo is properly secured. Failure to observe this requirement may result in an accident.

WARNING

Never overload your trailer or your vehicle. Gross trailer weight must never exceed the "Towing capacity". Gross vehicle weight (sum of the weights of the vehicle, all the occupants, accessories including tow bars and a trailer hitch, cargo and trailer nose weight) must never exceed the Gross Vehicle Weight Rating (GVWR) listed in the "SPECIFICATIONS" section.

VEHICLE LOADING AND TOWING

Additional Trailer Towing Warnings

WARNING

Connect trailer lights and hook up safety chains every time you tow.

NOTICE

Because towing a trailer puts additional stress on your vehicle, more frequent maintenance will be required than under normal driving conditions.

WARNING

Your vehicle will handle differently when towing a trailer. For your safety and the safety of others, you should observe the following precautions:

- Practice turning, stopping, and reversing before you begin towing in traffic. Do not tow in traffic until you are confident that you can handle the vehicle and trailer safely.
- Never exceed towing speed limits or 80 km/h (50 mph), whichever is lower.
- Never drive at a speed that causes shaking or swaying of the trailer. If you notice even the slightest sign of shaking or swaying, slow down.
- When roads are wet, slippery or rough, drive at a slower speed than you would on dry, smooth roads. Failure to slow down when road conditions are bad can result in loss of control.
- Always have someone guide you when reversing.
- Allow adequate stopping distance. Stopping distance is increased when you tow a trailer. For each 16

(Continued)

WARNING

(Continued)

km/h (10 mph) of speed, allow at least one vehicle and trailer length between you and the vehicle ahead. Follow at a greater distance if roads are wet or slippery.

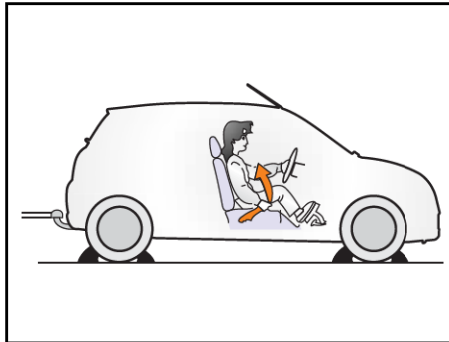
- If the trailer has over-run brakes, apply the brakes gradually to avoid snatching caused by the trailer wheels locking.
- Slow down before corners and maintain a steady speed while cornering. Deceleration or acceleration while cornering can result in loss of control. Remember that a larger than normal turning radius is needed because the trailer wheels will be closer than vehicle wheels to the inside of the turn.
- Avoid sudden acceleration and stopping of the vehicle. Do not make quick maneuvers unless they are necessary.
- Slow down in cross winds and be prepared for gusts of wind from large passing vehicles.

(Continued)

VEHICLE LOADING AND TOWING

WARNING

- Be careful when overtaking other vehicles. Be sure to allow enough room for your trailer before you change lanes, and signal well in advance.
- Slow down and change into a lower gear before you reach long or steep downhill grades. It is hazardous to attempt changing down while you are descending a hill.
- Avoid “riding” the brakes. This could cause the brakes to overheat resulting in reduced braking efficiency. Use engine braking as much as possible.
- Because of the added trailer weight, your engine may overheat on hot days when going up long or steep hills. Pay attention to your engine temperature gauge. If it indicates overheating, pull off the road and stop in a safe place. Refer to “If the Engine Overheats” in “EMERGENCY SERVICE” section.



60A186

WARNING

(Continued)

When starting out after parking:

- 1) Depress the clutch and start the engine.
- 2) Change into gear, release the parking brake, and slowly pull away from the chocks.
- 3) Stop, apply the brakes firmly and hold them.
- 4) Have another person remove the chocks.

WARNING

When parking your vehicle and connected trailer, always use the following procedure:

- 1) Apply the vehicle's brakes firmly.
- 2) Have another person place wheel chocks under the wheels of the vehicle and the trailer while you are holding the brakes.
- 3) Slowly release the brakes until the wheel chocks absorb the load.
- 4) Fully engage the parking brake.
- 5) Change the manual transmission into reverse or first gear and turn off the engine.

(Continued)

VEHICLE LOADING AND TOWING

Towing Your Vehicle

Your vehicle may be towed behind another vehicle (such as a motorhome), provided your vehicle is 2 wheel drive (2WD) and you use the proper towing method specified for your vehicle.

Use the towing instruction table to select the proper towing method for your vehicle, and carefully follow the corresponding instructions. Be sure to use proper towing equipment designed for recreational towing and make sure that towing speed does not exceed 90 km/h (55 mph)

WARNING

When you tow your vehicle, follow the instructions below to avoid accidents and damage to your vehicle. In addition, be sure to observe government and local requirements regarding vehicle lighting and trailer hitches or tow bars.

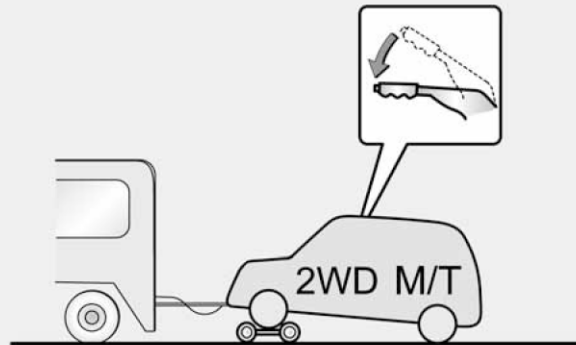
TOWING INSTRUCTION TABLE

DRIVE TRAIN	TRANS MISSION	TOWING METHOD
2WD	M/T (MANUAL)	A/B

VEHICLE LOADING AND TOWING

TOWING METHOD A

FROM THE FRONT:
FRONT WHEELS ON A DOLLY
AND REAR WHEELS ON THE GROUND



75J019

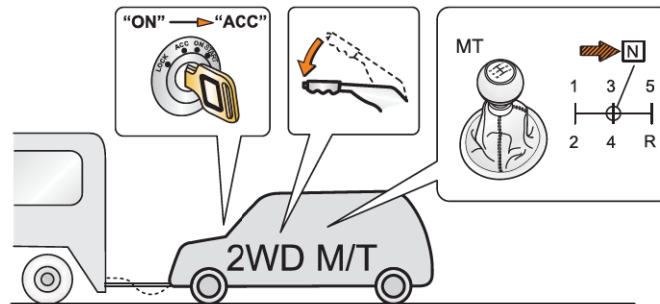
A: 2WD VEHICLES WITH MANUAL TRANSMISSION

- 1) Secure the front wheels on a towing dolly according to the instructions provided by the dolly manufacturer.
- 2) Release the parking brake.

VEHICLE LOADING AND TOWING

TOWING METHOD B

FROM THE FRONT:
FOUR WHEELS ON THE GROUND



77J046

B: 2WD VEHICLES WITH MANUAL TRANSMISSION

- 1) Shift the manual transmission lever into neutral.
- 2) Turn the ignition key to the "ACC" position to unlock the steering wheel.
- 3) Release the parking brake.

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.

INSPECTION AND MAINTENANCE

Maintenance Schedule	7-2
Periodic Maintenance Schedule	7-2
Drive Belt	7-6
Engine Oil and Filter	7-6
Engine Coolant	7-11
Air Cleaner	7-13
Spark Plugs	7-13
Gear Oil	7-15
Clutch Pedal	7-16
Fuel Filter (Diesel engine)	7-16
Brakes	7-17
Steering	7-19
Tyres	7-19
Battery	7-21
Fuses	7-23
Bulb Replacement	7-26
Wiper Blades	7-29
Windshield Washer Fluid	7-32
Air Conditioning System	7-32

INSPECTION AND MAINTENANCE



60B128S

⚠ 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:

- 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 for at least 90 seconds before performing any electrical service work on your 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.

(Continued)

⚠ WARNING

(Continued)

- When the engine is running, keep hands, clothing, tools, and other objects away from the fan and drive belt. Even though the fan may not be moving, it can automatically turn on without warning.
- When it is necessary to do service work with the engine running, make sure that the parking brake is set fully and the transmission is in Neutral.
- 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.

(Continued)

⚠ WARNING

(Continued)

- 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 miles, 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/Service station.

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

“A” : Adjust
“C” : Clean
“R” : Replace or Change
“I” : Inspect and correct or replace if 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.

Periodic Maintenance Schedule: 1, 2, 3, 4, 5, 6, 9, 10

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 (Tension, Wear)	Petrol	-	-	-	-	-	I	-	-	-	I	
1-2	Engine Coolant (Level, Leakage)		I	I	I	R	I	R	I	R	I	R	
1-3	Engine oil and engine oil filter		-	-	R	R	R	R	R	R	R	R	
1-4	Cooling system hoses and connections (Leakage and Damage)		I	I	I	I	I	I	I	I	I	I	
1-5	Engine bolts (All cylinder head and manifold fixings)		-	-	T	-	T	-	T	-	T	-	
1-6	Engine Mounting (All Cylinder head and manifold fixings)		-	-	T	-	T	-	T	-	T	-	
1-7	Valve Clearance	Petrol	-	-	-	-	I	-	-	I	-	-	
1-8	Exhaust System (Noise, Leakage etc.)		-	I	-	I	-	-	-	-	-	I	
1-9	Positive Crank Case Ventilation System (Hoses, Connections and Valve)		-	I	-	I	-	-	-	-	-	I	
1-10	Exhaust Gas Recirculation Valve	Diesel	-	-	-	-	C	-	-	C	-	-	
Ignition													
2-1.	Ignition wiring (Damage, Deterioration)		-	-	-	I	-	I	-	I	-	I	
2-2.	Spark Plug (Clean and adjust the gap)	Petrol	-	-	-	-	-	R	-	-	-	R	
Fuel													
3-1.	Air cleaner filter element	Paved-road	Petrol	Clean after every 5,000 KM. Replace after every 40,000 KM.									
			Diesel	Replace after every 20,000 KM. Cleaning not required.									
		Dusty Condition	Petrol	Clean after every 2,500 KM or as required. Replace after every 40,000 KM.									
			Diesel	Replace after every 20,000 KM. Cleaning not required. More frequent replacement if dust condition is severe.									
3-2.	Fuel tank cap, fuel lines and connections (Leakage and Damage)		-	I	-	-	-	I	-	-	-	I	
3-3.	Fuel Filter (Leakage)	Petrol	-	-	-	-	-	R	-	-	-	R	
3-4.	Fuel Filter and Water Draining	Diesel	I	I	I	R	I	R	I	R	I	R	
Clutch and Transmission													
4-1.	Clutch Pedal (Play)	Petrol	I	I	I	I	I	I	I	I	I	I	
4-2.	Clutch fluid (level, leakage)	Diesel	I	I	I	R	I	R	I	R	I	R	
4-3.	Clutch slipping (Dragging or Excess Damage)		I	I	I	I	I	I	I	I	I	I	
4-4.	Manual Transmission/Transfer or Differential Oil (Level, Leakage)		I	I	I	R	I	R	I	R	I	R	

Periodic Maintenance Schedule: 1, 2, 3, 4, 5, 6, 9, 10

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
4-5.	Automatic Transmission Fluid (Level, Leakage)		Replace at 1,65,000 km or 11years whichever comes first									
4-6.	Hose, Automatic Transmission Fluid											
Drive shaft												
5-1.	Drive shaft boot (boot damage)		-									
BRAKE												
6-1.	Brake Fluid (Level, Leakage)					R		R		R		R
6-2.	Brake pedal (pedal - wall clearance)											
6-3.	Parking brake lever and cable (Play, damage)											
6-4.	Brake disc and pad (Wear)		-									
6-5.	Brake drum and shoes (Wear)		-	-								
6-6.	Master cylinder/wheel cylinder/calliper (Oil leakage, boot cut) Replace Piston and Boot kits							R				R
6-7.	Brake hoses and pipes (Leakage, damage)											
WHEEL												
7-1.	Tyres (air pressure, abnormal wear, crack and rotation)			I&O	I&O	I&O	I&O	I&O	I&O	I&O	I&O	I&O
7-2.	Wheels (Damage)											
7-3.	Front/Rear wheel bearing (Loose, damage)											
FRONT / REAR SUSPENSION												
8-1.	Suspension strut (Oil leakage, damage)											
8-2.	Suspension arms / Knuckle support (Loose, damager)		-									
8-3.	Rear spring (Damage)											
8-4.	Shock absorbers (Oil leakage, damage)											
8-5.	All bolts and nuts (Loose)		-	T	T	T	T	T	T	T	T	T
8-6.	Suspension arms and torsion rods		-									
STEERING												
9-1.	Steering wheel (Play, loose)											

Drive Belt: 1, 2
Engine Oil and Filter: 1, 2

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
9-2.	All rods and arms (Loose, damage, wear)											
ELECTRICAL												
10-1.	Battery electrolyte (Level, leakage)											
10-2.	Wiring harness connection (Loose, damage)	–										
10-3.	Lightening system (Operation, stains, damage)											
10-4.	Horn (Operation)											
10-5.	System Voltage											
BODY												
11-1.	All chassis bolts and nuts (Tighten)	–		T	T	T	T	T	T	T	T	
11-2.	All latches, hinges and locks (Function))		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											
12-2.	Body and chassis noise											
AIR CONDITIONER (If equipped)												
13-1.	Check belt tension											
13-2.	Tighten compressor mounting bolt	–	T	T	T	T	T	T	T	T	T	
13-3.	All hose joint (Check, tighten)											
13-4.	Check functioning of Recirc flap											
13-5.	Clean condensor with low pressure water	–	C	C	C	C	C	C	C	C	C	
13-6.	Check belt for frayed edges											
13-7.	Check all mounting bolts											

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.

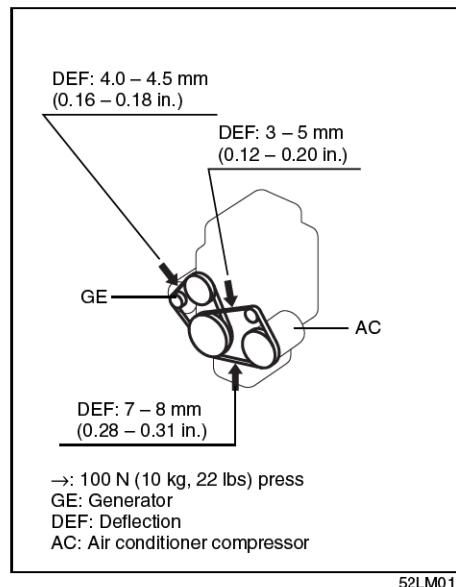
(For Petrol Engine Model)

Make sure the drive belt tension is correct. If the belt is too loose, insufficient battery charging, engine overheating, poor power steering, poor air conditioning, or excessive belt wear can result. When you press the belt with your thumb midway 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 your MARUTI SUZUKI dealer.

(For Petrol Engine Model)



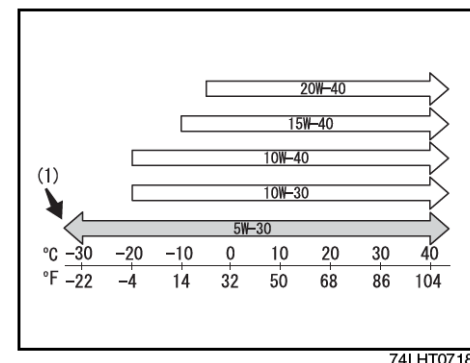
(For Diesel Engine Model)

The drive belts tension adjusted automatically.

Engine Oil and Filter

Specified Oil

(For Petrol Engine Model)

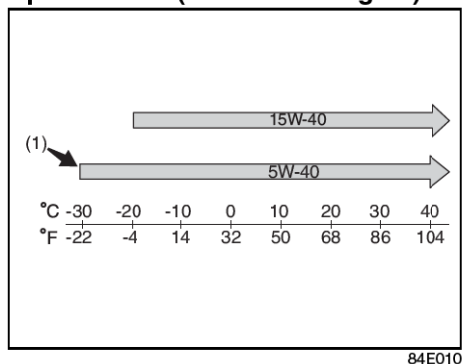


(1) Preferred

Be sure that the engine oil you use comes under the quality classification of SG+, SJ or SL. The recommended Engine Oil is SG+ 5W30.

INSPECTION AND MAINTENANCE

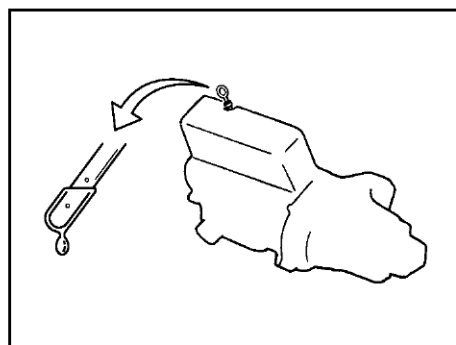
Specified Oil (For Diesel Engine)



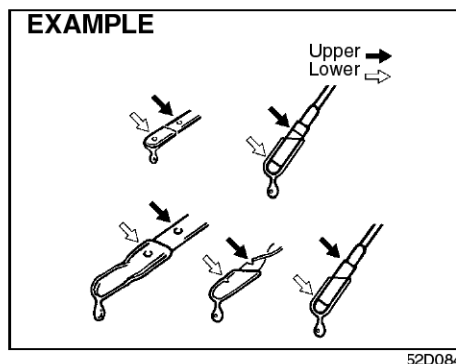
(1) Preferred

Be sure that the engine oil you use comes under the quality classification of ACEA A3/B3. Select the appropriate oil viscosity according to the above chart.

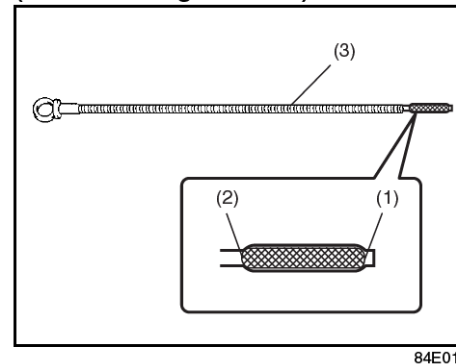
Oil Level Check (For Petrol Engine Model)



EXAMPLE



(For Diesel Engine Model)



- (1) MIN
- (2) MAX
- (3) Engine oil dipstick

It is important to keep the engine oil at the correct level for proper lubrication of your vehicle's engine. Check the oil level with 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.

INSPECTION AND MAINTENANCE

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

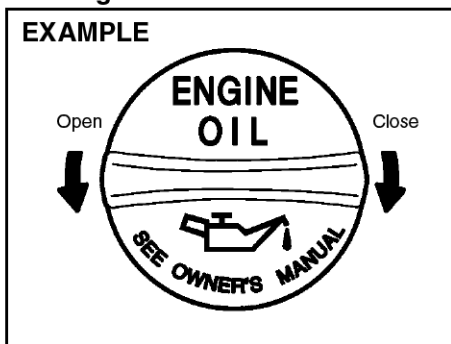
Failure to check the oil level regularly could lead to serious engine trouble due to insufficient oil.

NOTICE

(For Diesel Engine Model)
Do not top up the oil over the MAX limit. Too much oil causes serious engine trouble.

Refilling

EXAMPLE



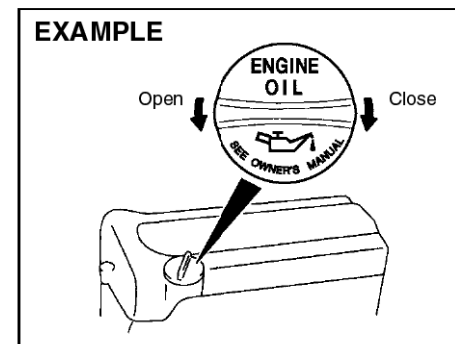
81A147

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



56KN054

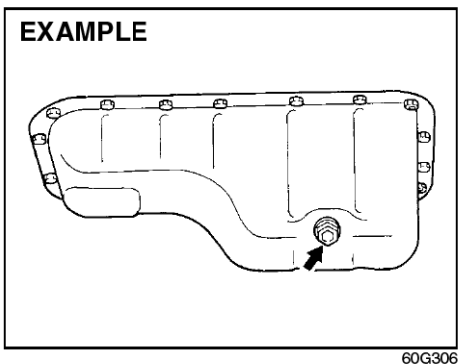
- 1) Remove the oil filler cap.
- 2) Place a drain pan under the drain plug.
- 3) Using a wrench, remove the drain plug and drain out the engine oil.

CAUTION

The engine oil temperature may be high enough to burn your fingers when the drain plug is loosened. Wait until the drain plug is cool enough to touch with your bare hands.

INSPECTION AND MAINTENANCE

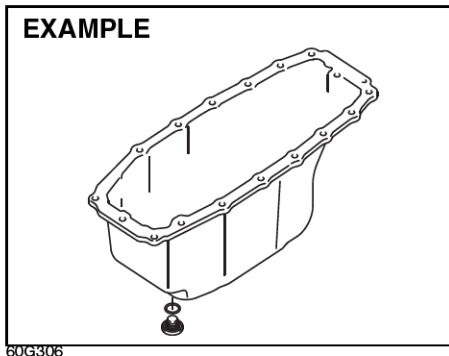
EXAMPLE



Tightening torque for drain plug
Petrol engine:
35 Nm (3.5 kg-m, 25.3 lb-ft)

For Diesel Engine

EXAMPLE



For Diesel Engine
20 Nm (2.0 kg-m, 14.5 lb-ft)

Note: Washer (1) should be replaced every time when opened.

⚠ WARNING

New and used 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.

(Continued)

⚠ WARNING

(Continued)

Continuous contact with used engine oil may cause skin cancer laboratory animals

Brief contact with used oil may irritate skin.

To minimize your exposure to used oil, wear a long-sleeve shirt and moisture-proof gloves (such as dish-washing gloves) when changing oil. If oil contacts your skin, wash thoroughly with soap and water.

Laundry any clothing or rags if wet with oil.

Recycle or properly dispose of used oil and filters.

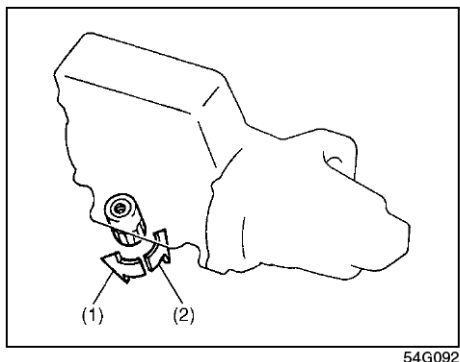
- 4) Reinstall the drain plug and gasket. Tighten the plug with a wrench to the specified torque.

INSPECTION AND MAINTENANCE

Replace the Oil Filter

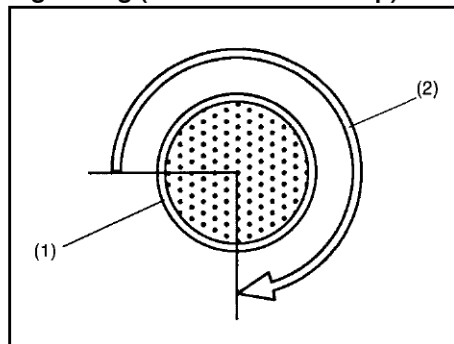
- 1) Using an oil filter wrench, turn the oil filter counterclockwise and remove it.
- 2) Using a clean rag, wipe off the mounting surface on the engine where the new filter will be seated.
- 3) Smear a little engine oil around the rubber gasket of the new oil filter.
- 4) Screw on the new filter by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

(For Petrol Engine Model)



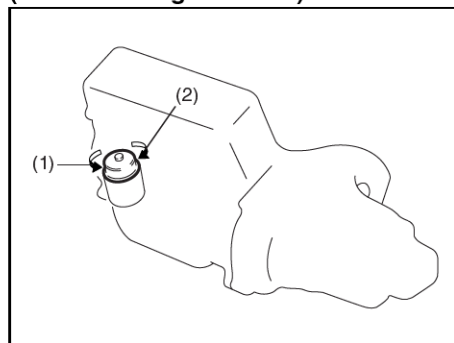
- (1) Loosen
(2) Tighten

Tightening (viewed from filter top)



- (1) Oil filter
(2) 3/4 turn

(For Diesel Engine Model)



- (1) Loosen
(2) Tighten

NOTICE

To tighten the oil filter properly, it is important to accurately identify the position at which the filter gasket first contacts the mounting surface.

- 5) Tighten the filter specified turn 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

Petrol engine:

14 Nm (1.4 kg-m, 10.1 lb-ft)

Diesel engine:

25 Nm (2.5 kg-m, 18.5 lb-ft)

NOTICE

To prevent oil leakage, make sure that the oil filter is tight, but do not over-tighten it.

NOTE:

- Replace ring along with the new filter
- Never use the old ring in the new filter.

INSPECTION AND MAINTENANCE

Refill with Oil and Check for Leaks

- 1) Pour oil through the filler hole and install the filler cap.
For the approximate capacity of the oil, refer to the "Capacities" item in the "SPECIFICATIONS" section.
- 2) Start the engine and look carefully for leaks at the oil filter and drain plug. 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 leaks again.

NOTICE

- When replacing the oil filter, it is recommended that you use a MARUTI genuine replacement filter.
- Oil leaks from around the oil filter or drain plug indicate incorrect installation or gasket damage. If you find any leaks or are not sure that the filter has been properly tightened, have the vehicle inspected by your MARUTI SUZUKI dealer.

Engine Coolant

Selection of Coolant

To maintain optimum performance and durability of your engine, use MARUTI SUZUKI 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 authorized MARUTI SUZUKI dealer can help you select the proper coolant.

NOTICE

To avoid damaging your cooling system:

- Always use a high quality ethylene glycol base non-silicate type coolant diluted with distilled water at the correct mixture concentration.
- Make sure that the proper mix is 50/50 coolant to distilled water (Diesel) and 30/70 (Petrol). Concentrations greater than this may cause overheating conditions.
- Neither use 100% coolant nor 100% 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/automatic transaxle damage.

Automatic Transaxle (AT) Fluid: 10
Engine Coolant: 1, 2

INSPECTION AND MAINTENANCE

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

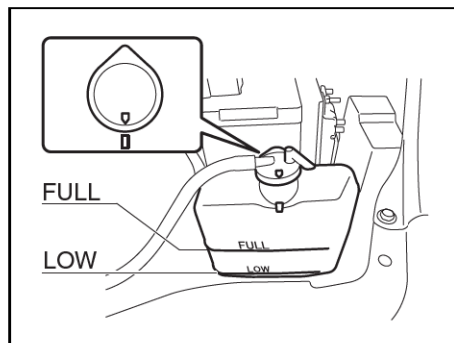
⚠ WARNING

Engine coolant is harmful or fatal if swallowed or inhaled. Do not drink antifreeze or coolant solution. If swallowed, do not induce vomiting. Immediately contact a poison control center or a physician. Avoid inhaling mist or hot vapors; if inhaled, remove to fresh air. If coolant 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.

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.

(For Petrol Engine Model)



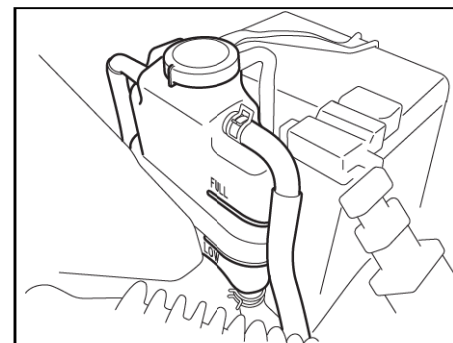
68LMT0701

If the coolant level is below the "LOW" mark, more coolant should be added. When the engine is cool, remove the degassing tank cap by turning it anticlockwise slowly to release any pressure. Add coolant until the reservoir tank level reaches the "FULL" mark. Never fill the reservoir tank above the "FULL" mark.

NOTICE

When putting the cap on the reservoir tank, line up the mark on the cap and the mark on the tank. Failure to follow this can result in coolant leakage.

(For Diesel Engine Model)



74LHT0705

⚠ WARNING

It is hazardous to remove the reservoir tank cap (degassing tank cap) for a diesel engine when the water temperature is high, because scalding fluid and steam may be blown out under pressure. Wait until the coolant temperature has lowered before removing the cap.

If the coolant level is below the "LOW" mark, more coolant should be added. When the engine is cool, remove the degassing tank cap by turning it anticlockwise slowly to release any pressure. And add coolant until the degassing tank level reaches the "FULL" mark. Never fill the degassing tank above the "FULL" mark.

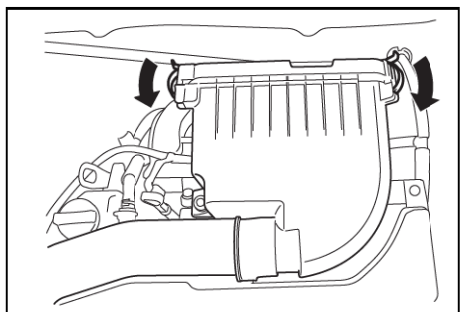
INSPECTION AND MAINTENANCE

Coolant Replacement

Coolant replacement work requires technical skill. Do not replace the coolant by yourself. Trust this job to Maruti Suzuki Authorised Dealer workshop or service station.

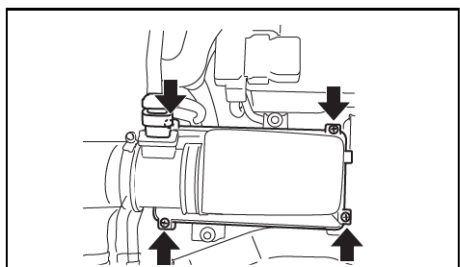
Air Cleaner

(For Petrol Engine Model)



74LHT0713

(For Diesel Engine Model)

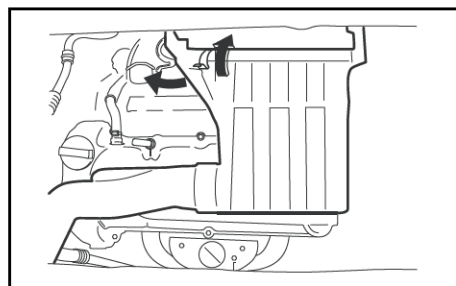


74LHT0702

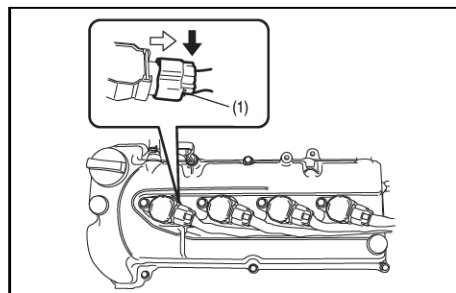
If the air cleaner is clogged with dust, there will be greater intake resistance, resulting in decreased power output and increased fuel consumption.

Unclamp/unscrew the side clamps/screws, and remove the element from the air cleaner case. If it appears to be dirty, replace it with a new one.

Spark Plugs (Petrol Engine)



52KM121



52KM122

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 and adjust the spark plug gap.

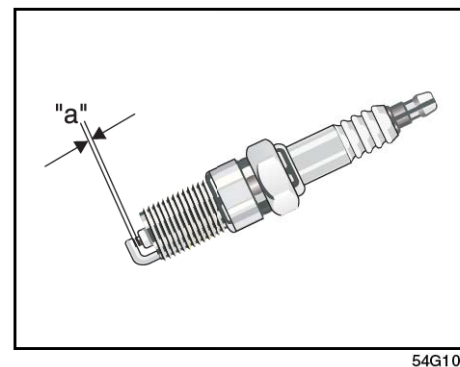
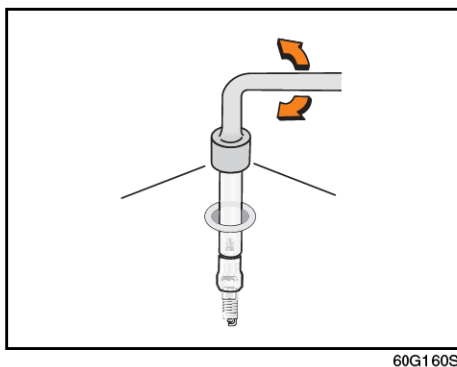
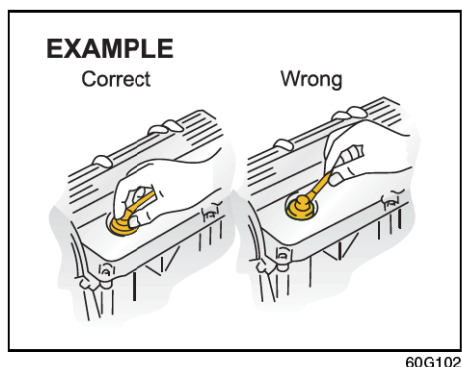
To access the spark plugs:

- 1) Unclamp the air cleaner cover.
- 2) Remove the engine top cover.
- 3) If necessary, disconnect the coupler (1) while pushing the release lever.
- 4) Remove the ignitor bolts.5) Pull the spark plug boots out.

NOTE:

When installation, make sure the wires, couplers, sealing rubber of top cover and washers, are correctly returned in place.

INSPECTION AND MAINTENANCE



NOTICE

- When disconnecting the spark plug cables, pull on the boot, not on the cable itself. Pulling on the cable can damage it.
- When servicing the iridium/platinum spark plugs (slender center electrode type plugs), do not touch the center electrode, as it is easy to damage.

NOTICE

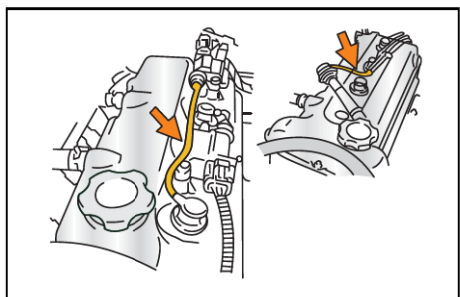
- When installing the spark plugs, screw them in with your fingers to avoid stripping the threads. Tighten with a torque wrench to 25 Nm (2.5 kg-m, 18.0 lb-ft). Do not allow contaminants to enter the engine through the spark plug holes when the plugs are removed.
- Never use spark plugs with the wrong thread size.

Spark plug gap "a"
1.0 mm +/- 0.05 mm

NOTICE

When replacing spark plugs, you should use the brand and type specified for your vehicle. For the specified spark plugs, refer to the "SPECIFICATIONS" section at the end of this book. If you wish to use a brand of spark plug other than the specified plugs, consult your MARUTI SUZUKI dealer.

INSPECTION AND MAINTENANCE



60D204

NOTE:

If your engine is equipped with the high tension cord type ignition wiring and you experience some firing problem of spark plugs, such as, hard engine-starting, mis-fire etc., the cause may be located not only on spark plugs but also on deteriorated ignition wirings (generally, used for more than 80,000 km or five years). If spark plug replacement does not solve the problem, have the ignition wiring and other ignition system inspected by your MARUTI SUZUKI dealer.

Gear Oil

Transmission Oil

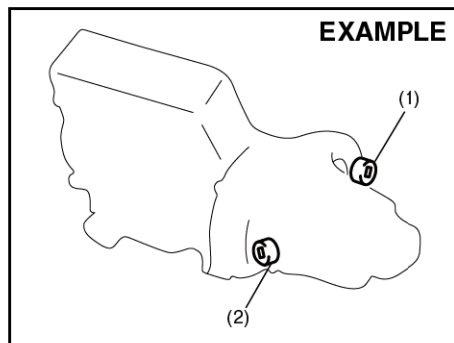
When adding gear oil, use gear oil with the appropriate viscosity and grade.

We highly recommend you use:
API GL-4 SAE 75W-90 for manual transmission gear oil.

7-15

Gear Oil Level Check

Manual transmission



74LHT0714

- (1) Oil filler and level plug
(for Petrol engine model)
- (2) Oil filler and level plug
(for diesel engine model)

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 plug (1) or (2).
- 3) Check the inside of the hole with your finger. If the oil level comes up to the bottom of the plug hole, the oil level is correct. If so, reinstall the plug.

- 4) If the oil level is low, add gear oil through the oil filler plug hole (1) or (2) until the oil level reaches the bottom of the filler hole, then reinstall the plug.

Tightening torque for oil filler plug (1) or (2)
21 Nm (2.1 kg-m, 15.2 lb-ft)

CAUTION

After driving the vehicle, the transmission oil temperature may be high enough to burn you. Wait until the oil filler plug is cool enough to touch with your bare hands before inspecting transmission oil level.

NOTICE

When tightening the plug, apply the following sealing compound or equivalent to the plug threads to prevent oil leakage.

SUZUKI Bond No. "1216E" or "1217G"

Gear Oil Change

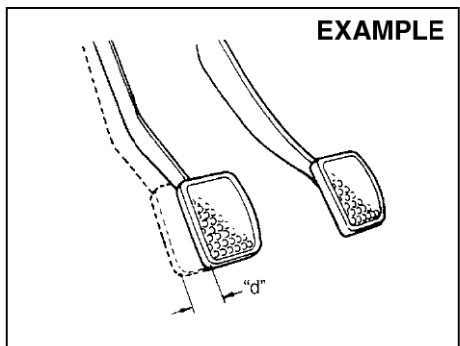
Since special procedures, materials and tools are required, it is recommended that you trust this job to your MARUTI SUZUKI authorised dealer.

Air Cleaner: 1, 2
Spark Plugs: 1, 2

INSPECTION AND MAINTENANCE

Clutch Pedal

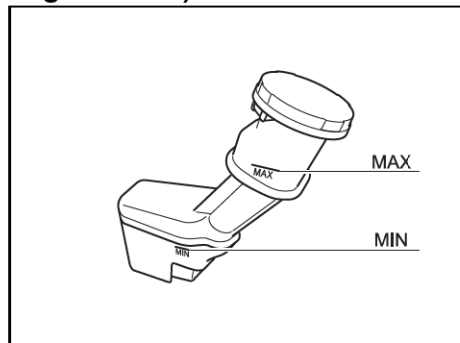
Cable Control Clutch (For Petrol Engine Model)



Clutch pedal play "d":
10 - 15 mm (0.4 - 0.6 in.)

Measure the clutch pedal play by moving the clutch pedal with your hand and measuring the distance it moves until you feel slight resistance. The play in the clutch pedal should be between the specified values. If the play is more or less than the above, or clutch dragging is felt with the pedal fully depressed, have the clutch inspected by your MARUTI SUZUKI authorised dealer.

Fluid Control Clutch (For Diesel Engine Model)



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 your MARUTI SUZUKI dealer. If the clutch fluid level is near the "MIN" line, fill it up to the "MAX" line with MARUTI GENUINE brake fluid.

Automatic Transaxle (AT) Fluid

Specified Fluid

Use an automatic transaxle fluid SUZUKI ATF 3317 or Mobil ATF 3309.

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 temperature gauge indicates normal operating temperature.
- 2) Then drive for ten more minutes.

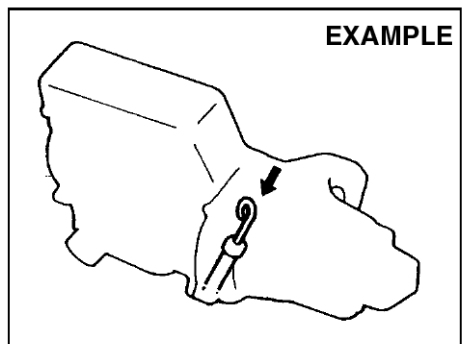
NOTICE

Be sure to use the specified automatic transaxle fluid. Using automatic transaxle fluid other than SUZUKI ATF 3317 or Mobil ATF 3309 may damage the automatic transaxle of your vehicle.

INSPECTION AND MAINTENANCE

NOTE:

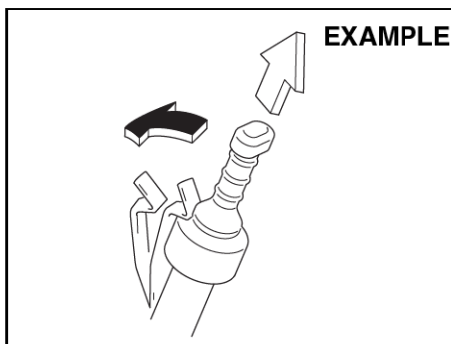
Do not check the fluid level if you have just driven the vehicle for a long time at high speed, if you have driven in city traffic in hot weather, or if the vehicle has been pulling a trailer. Wait until the fluid cools down (about 30 minutes), or the fluid level indication will not be correct.



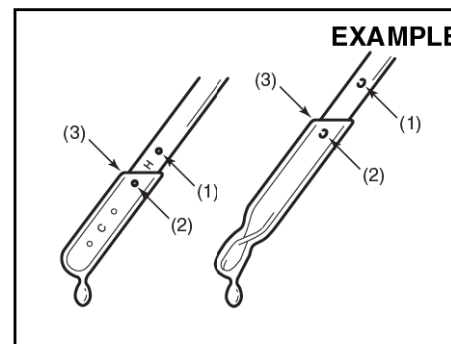
- 3) Park your vehicle on level ground.
- 4) Apply the parking brake and then start the engine in "P" (Park). Let it idle for two minutes and keep it running during the fluid level check.
- 5) With your foot on the brake pedal, move the gearshift lever through each range, pausing for about three seconds in each range. Then move it back to the "P" (Park) position.

⚠ WARNING

Be sure to depress the brake pedal when moving the gearshift lever, or the vehicle can move suddenly.



- 6) The handle of the A/T fluid dipstick is colored red for easy identification. Remove the dipstick, clean it 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 the "HOT" range on the dipstick.



- (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.

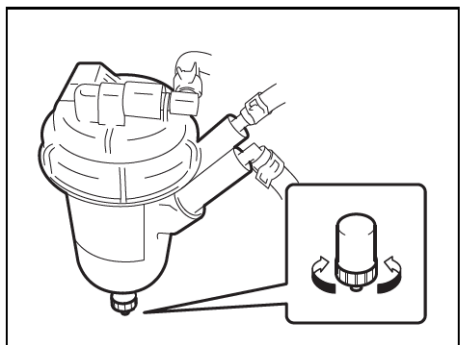
NOTICE

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, it is recommended that you trust this job to your authorized MARUTI SUZUKI dealer.

Fuel Filter (Diesel engine)



74LHT0703

The fuel filter works as a water sedimentor as well.

Drain water according to the Periodic Maintenance Schedule. To drain water:

- 1) Remove the battery. (Refer to "Battery" in this section.)
- 2) Place a pan or ample rag under the fuel filter drain nozzle.
- 3) Loosen the drain knob. The water will be drained.
- 4) Tighten the drain knob when the water changes to the diesel fuel.
- 5) Tighten the drain knob.

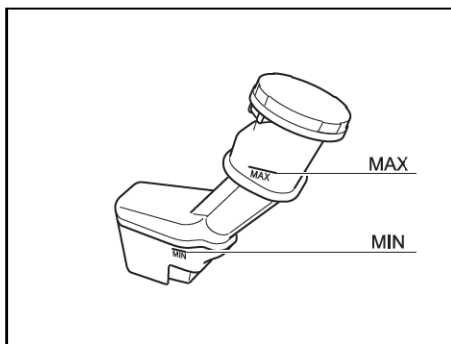
Tightening torque for drain knob
1.5 Nm (0.15 kg-m, 1.1 lb-ft)

NOTE:

Trust this job to be carried out at Maruti Suzuki authorised dealer.

Brakes

Brake Fluid



68LM703

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.

⚠ 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 dealer to inspect the brake system.
- A rapid fluid loss indicates a leak in the brake system which should be inspected by your MARUTI SUZUKI dealer immediately.
- Do not use any fluid other than specified 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.

INSPECTION AND MAINTENANCE

⚠ WARNING

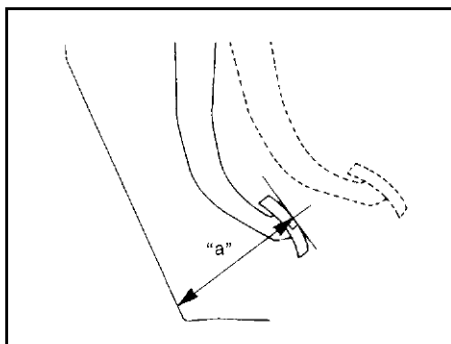
Brake fluid is harmful or fatal if swallowed, and harmful if it comes in contact with skin or eyes. If swallowed, do not induce vomiting. Immediately contact a poison control center or a physician. If brake fluid gets in eyes, flush eyes with water and seek medical attention. Wash thoroughly after handling. Solution can be poisonous to animals. Keep out of the reach of children and animals.

NOTE:

With disc brakes, the fluid level can be expected to gradually fall as the brake pads wear.

Brake Pedal

Check if the brake pedal stops at the regular height without “spongy” feeling when you depress it. If not, have the brake system inspected by your MARUTI SUZUKI dealer. If you doubt the brake pedal for the regular height, check it as follows:



54G108

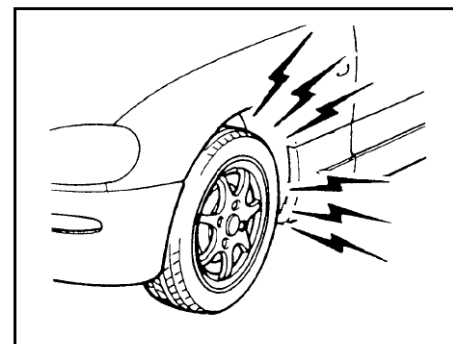
Pedal to floor carpet minimum distance “a”: 68 mm (2.7 in.)

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

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

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.



60G104S

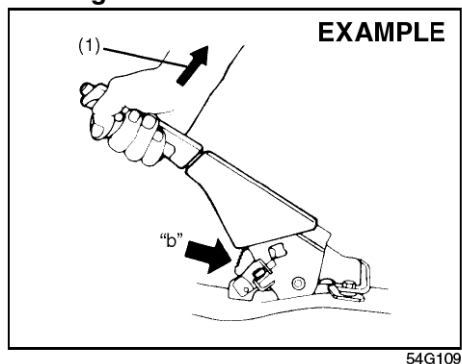
⚠ WARNING

If you experience any of the following problems with your vehicle’s brake system, have the vehicle inspected immediately by your MARUTI SUZUKI dealer.

- 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)

INSPECTION AND MAINTENANCE

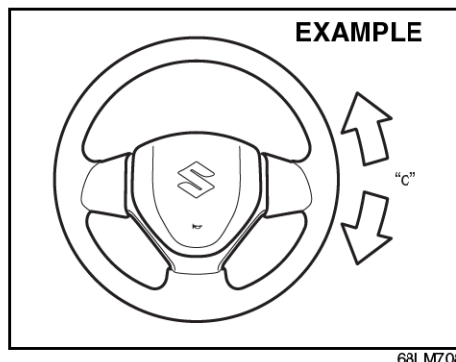
Parking Brake



Ratchet tooth specification "b":
4th – 9th
Lever pull force (1):
200 N (20 kg, 44 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 your MARUTI SUZUKI dealer.

Steering

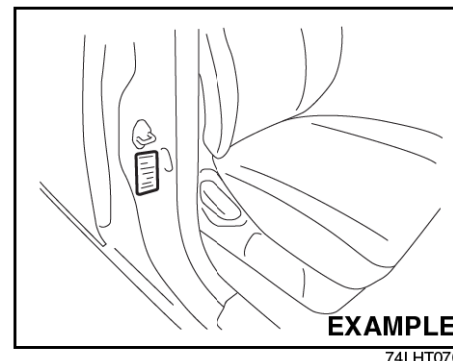


Steering wheel play "c":
0 – 30 mm (0.0 – 1.2 in.)

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 your MARUTI SUZUKI dealer.

Tyres



The front and rear tyre pressure specifications for your vehicle are listed on the Tyre Information Label. Both the front and rear tyres should have the specified tyre pressure.

INSPECTION AND MAINTENANCE

Tyre Inspection

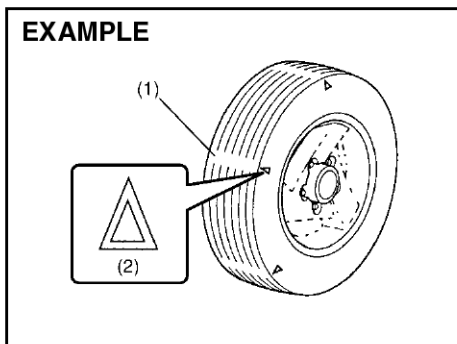
Inspect your vehicle's tyres at least once a month by performing the following checks:

- 1) Measure the air pressure with a tyre gauge. Adjust the pressure if necessary. Remember to check the spare tyre, too.

⚠ WARNING

- Air pressures should be checked when the tyres are cold or you may get inaccurate readings.
- Check the inflation pressure from time to time while inflating the tyre gradually, until the specified pressure is obtained.
- Never underinflate or overinflate the tyres.
Underinflation can cause unusual handling characteristics or can cause the rim to slip on the tyre bead, resulting in an accident or damage to the tyre or rim.
Overinflation can cause the tyre to burst, resulting in personal injury.
Overinflation can also cause unusual handling characteristics which may result in an accident.

EXAMPLE



- (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 tyres 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 tyre should be replaced.
- 3) Check for abnormal wear, cracks and damage. Any tyres with cracks or other damage should be replaced. If any tyres show abnormal wear, have them inspected by your MARUTI SUZUKI dealer.

CAUTION

Hitting curbs and running over rocks can damage tyres and affect wheel alignment. Be sure to have tyres and wheel alignment checked periodically by your MARUTI SUZUKI dealer.

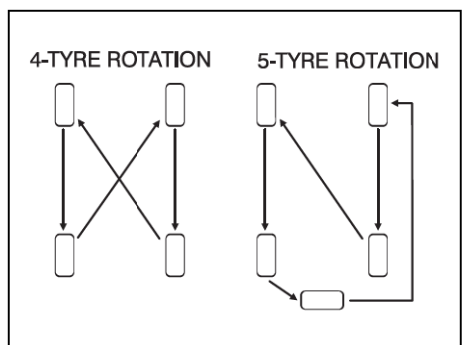
- 4) Check for loose wheel nuts.
- 5) Check that there are no nails, stones or other objects sticking into the tyres.

⚠ WARNING

- Your MARUTI SUZUKI is equipped with tyres which are all the same type and size. This is important to ensure proper steering and handling of the vehicle. Never mix tyres of different size or type on the four wheels of your vehicle. The size and type of tyres used should be only those approved by MARUTI SUZUKI as standard or optional equipment for your vehicle.
- Replacing the wheels and tyres 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.

Tire Rotation

60G-09-019E

To avoid uneven wear of your tyres and to prolong their life, rotate the tyres as illustrated. Tyres should be rotated as mentioned in periodic maintenance schedule. After rotation, adjust front and rear tyre pressures to the specification listed on your vehicle's Tyre Inflation Pressure Label.

Wheel Balancing

If the vehicle vibrates abnormally on smooth road, have the wheel balanced at Maruti Suzuki Authorized Workshop.

Wheel Alignment

In case of abnormal tyre wear or pulling towards one side, have the wheel aligned at Maruti Suzuki Authorized Workshop.

Tubeless Tyres (If equipped)

The vehicle is equipped with Tubeless Tyres. In tubeless tyre, a thin layer of butyl rubber is used for lining the inside of the tubeless tyre. This layer is to prevent air loss and fulfilling the purpose of tube. The air pressure is maintained by the sealing between tyre bead and wheel rim. Tubeless tyres are having advantage of slow air loss and preventing sudden deflation while driving.

INSPECTION AND MAINTENANCE**Care and maintenance tips for tubeless tyres**

- 1) Always maintain recommended inflation pressure. Driving continuously at low inflation pressure can lead to tyre 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 tyre has run at low pressure, it must be inspected for any defect.
- 4) Whenever new tyre is fitted, replace the valve.
- 5) If continuous high speed driving is required, increase tyres pressure by 5 psi over recommended inflation pressure.
- 6) Never run the tyre beyond TWI (Tread wear indicator). The tyre is recommended to be replaced when the remaining tread has worn to this point. The indicators are spaced across the tread around the tyre marked by a triangular symbol (TWI).
- 7) Always prefer tubeless tyre mounting machine. In case of manual mounting-tyre/wheel rim damage may occur.
- 8) In case of any problem, please get in touch with MARUTI SUZUKI Authorized workshop.

INSPECTION AND MAINTENANCE

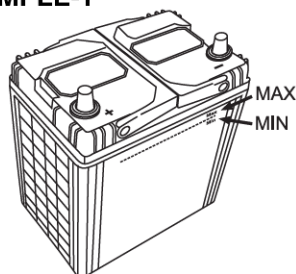
Battery

⚠ 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.

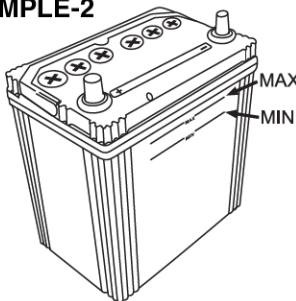
Petrol

EXAMPLE-1



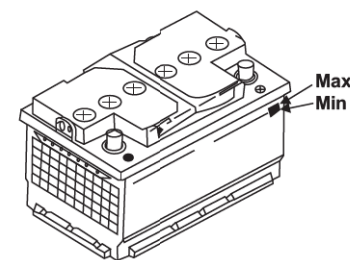
54G118

EXAMPLE-2



Diesel

EXAMPLE



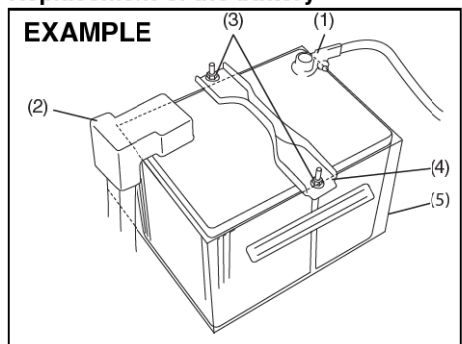
The level of the battery solution must be kept between the "Max" and the "Min" level lines at all times. If the level is found to be below the "Min" level line, add distilled water to bring level between "Max" and "Min". You should, however, periodically check the battery, battery terminals and battery holddown 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

Replacement of the battery

EXAMPLE



51KM038

To remove the battery:

- 1) Disconnect the negative cable (1).
- 2) Disconnect the positive cable (2).
- 3) Remove the retainer bolts (3) and remove the retainer (4).
- 4) Remove the battery along with cover assembly (5) (if equipped).

NOTICE

- Ensure that battery should not be removed without cover assembly.
- When the battery is reassembled into the vehicle, kindly ensure that battery cover is also installed along with battery.

To install the battery:

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

NOTE:

When the battery is disconnected, some of the vehicle's function will be initialized and/or deactivated.

These function are required to reset after the battery is reconnected.

Fuses

Your vehicle has three types of fuses, as described below:

Main fuse

The main fuse takes current directly from the battery.

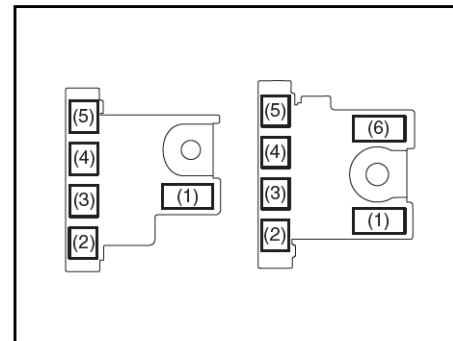
Primary fuses

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

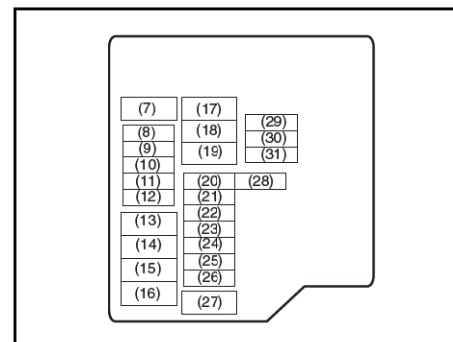
Individual fuses

These fuses are for individual electrical circuits.

Fuses in the Engine Compartment



74LHT0715



74LHT0716

INSPECTION AND MAINTENANCE

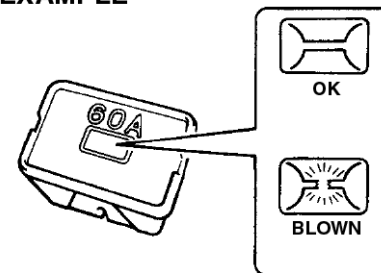
MAIN FUSE / PRIMARY FUSE		
(1)	100 A	FL1 (GAS)
	120 A	FL1 (DIESEL)
(2)	100 A	FL2
(3)	100 A	FL3
(4)	50 A	FL4
(5)	80 A	FL5
(6)	100 A	FL6
(7)	50 A	Ignition switch -2
(8)	7.5 A	ECM
(9)	15 A	Automatic Transmission Relay
(10)	–	Blank
(11)	10 A	Air compressor
(12)	15 A	FI (GAS)
(13)	30 A	FI (DIESEL)
(14)	60 A	Power steering
(15)	30 A	Radiator fan
(16)	40 A	ABS motor
(17)	30 A	Blower fan
(18)	30 A	Starting motor
(19)	–	Blank
(20)	30 A	Accessory

(21)	–	Blank
(22)	15 A	Head light (Left)
(23)	25 A	ABS control module
(24)	15 A	Head light (Right)
(25)	20 A	Front fog light
(26)	–	Blank
(27)	40 A	Ignition switch
(28)	7.5 A	Starting Signal
(29)	20 A	INJ DRV (DIESEL)
(30)	10 A	FL 2 (DIESEL)
(31)	15 A	F/P (DIESEL)

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 replacement.

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

EXAMPLE



60G111

⚠ WARNING

If the main fuse or a primary fuse blows, be sure to have your vehicle inspected by an authorized MARUTI SUZUKI dealer. Always use a genuine MARUTI replacement. Never use a substitute such as a wire even for a temporary repair, or extensive electrical damage and a fire can result.

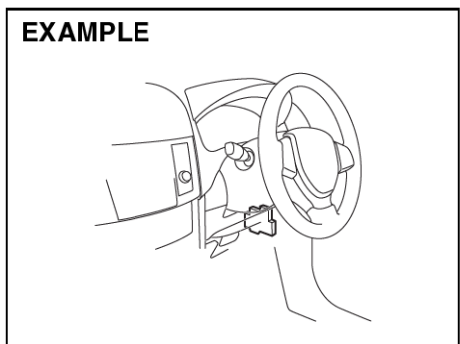
NOTE:

Make sure that the fuse box always carries spare fuses.

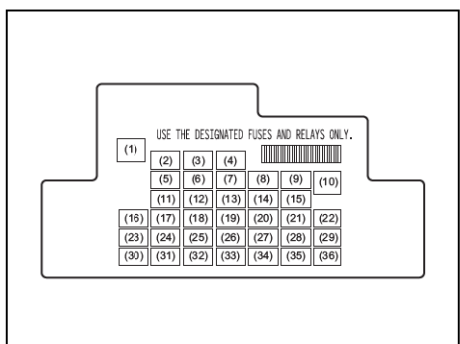
INSPECTION AND MAINTENANCE

Fuses under the Dash Board

EXAMPLE



74LHT0711



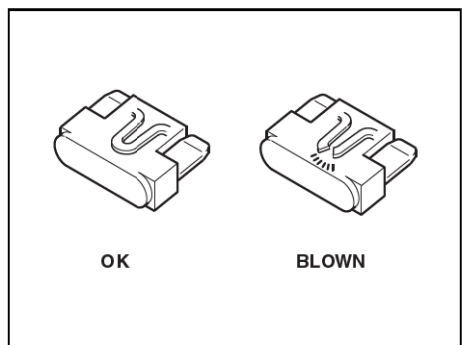
68LM701

PRIMARY FUSE

(1)	30 A	Belt
(2)	–	Blank
(3)	–	Blank
(4)	20 A	Rear defogger
(5)	–	Blank
(6)	–	Blank
(7)	–	Blank
(8)	7.5 A	Starting Signal
(9)	15 A	ACC-2
(10)	30 A	Power window
(11)	10 A	Hazard
(12)	–	BLANK
(13)	15 A	Ignition coil
(14)	10 A	ABS control module
(15)	15 A	ACC
(16)	–	Blank
(17)	15 A	Horn
(18)	10 A	Stop light
(19)	10 A	Air bag
(20)	10 A	Back-up light

(21)	15 A	Rear wiper / Washer
(22)	25 A	Front wiper
(23)	7.5 A	Dome light
(24)	–	Blank
(25)	7.5 A	RR fog lamp
(26)	–	Blank
(27)	7.5 A	Ignition-1 signal
(28)	–	Blank
(29)	–	Blank
(30)	15 A	Radio
(31)	10 A	Tail lamp
(32)	20 A	D/L
(33)	7.5 A	Stop lamp sw / Clutch sw
(34)	10 A	Meter
(35)	7.5 A	Ignition-2 signal
(36)	–	Blank

INSPECTION AND MAINTENANCE



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 your MARUTI SUZUKI dealer.

Bulb Replacement

⚠ WARNING

- 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.

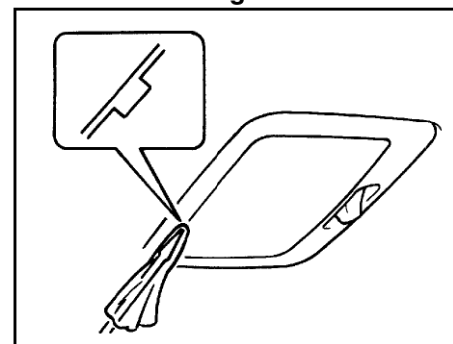
NOTICE

The oils from your skin may cause a halogen bulb to overheat and burst when the lights are on. Grasp a new bulb with a clean cloth.

NOTICE

Frequent replacement of a bulb indicates the need for an inspection of the electrical system. This should be carried out by your MARUTI SUZUKI dealer.

Center Interior Light

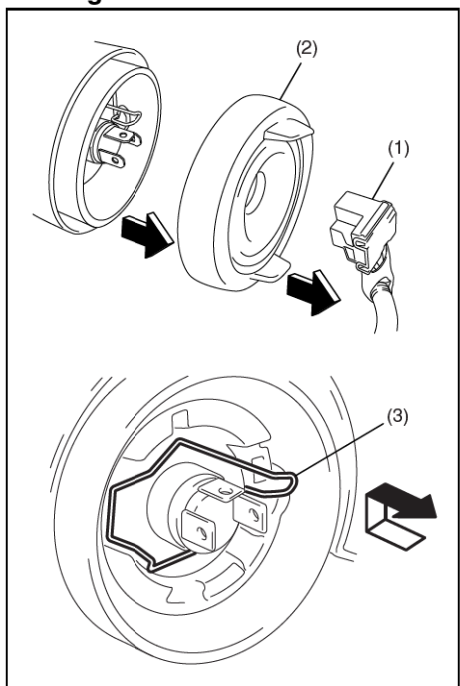


60G115

Pull down the lens by using a Plane screwdriver covered with a soft cloth as shown. To install it, simply push it back in. The bulb can be removed by simply pulling it out. When replacing the bulb, make sure that the contact springs are holding the bulb securely.

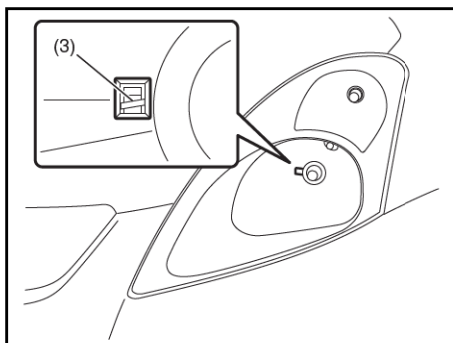
Fuses: 7
Bulb Replacement: 7

Headlight



80JM069

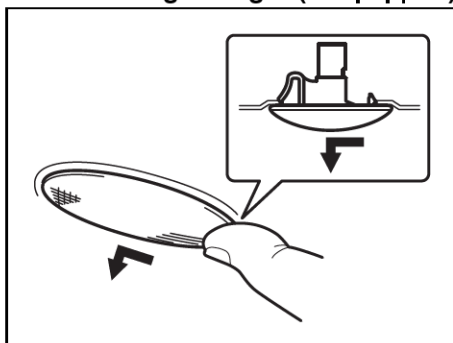
Open the engine food. Disconnect the coupler (1). Remove the sealing rubber (2). Push the retaining spring (3) forward and unhook it. Then remove the bulb. Install a new bulb in the reverse order of removal.



68LM713

NOTE:
 You can see the position of retaining spring (3) from the hole of headlight.

Side Turn Signal Light (if equipped)



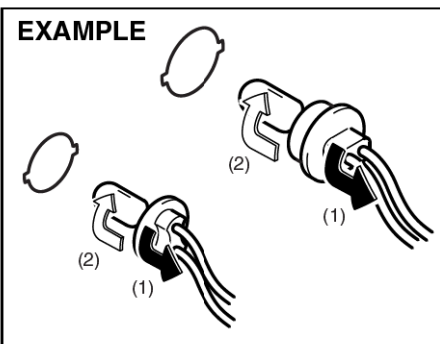
64J195

INSPECTION AND MAINTENANCE

If the bulb is fused then only bulb can be replaced by taking out the side Turn lamp. Remove the light assembly by sliding the light housing leftward with your finger. For LED type, if LED's are not working then outside Rear view mirror needs to be replaced.

Other General Lights

Bulb holder



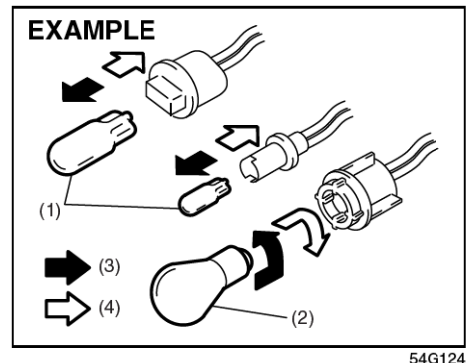
54G123

- (1) Removal
- (2) Installation

To remove a bulb holder from a light housing, turn the holder counterclockwise and pull it out. To install the holder, push the holder in and turn it clockwise.

INSPECTION AND MAINTENANCE

Bulb



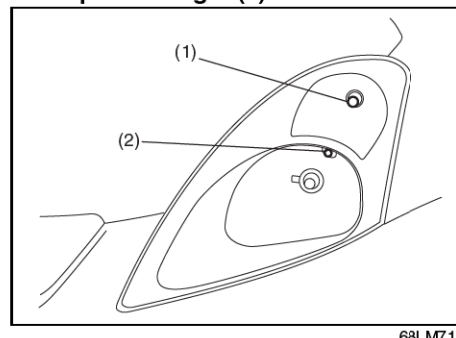
There are two types of bulb, "Full glass type" (1) and "Glass/metal type" (2).

To remove and install a full glass type bulb (1), simply pull out or push in the bulb.

To remove a glass metal type bulb (2) from a bulb holder, push in the bulb and turn it counterclockwise. To install a new bulb, push it in and turn it clockwise.

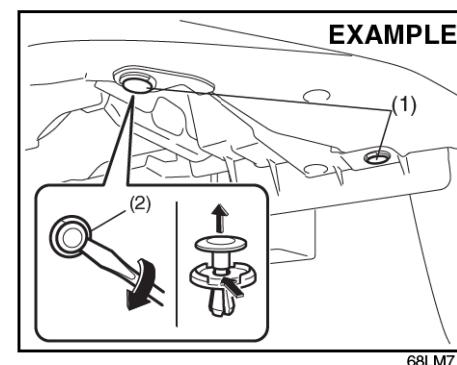
You can access the individual bulb or bulb holders as follows.

Front turn signal light (1) Front position light (2)

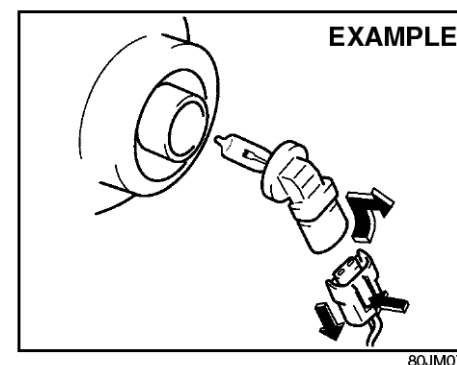


Front fog light (if equipped)

- 1) Start the engine. Turn the steering wheel to the opposite side of the replacing fog light to replace the bulb easily. Then turn off the engine.



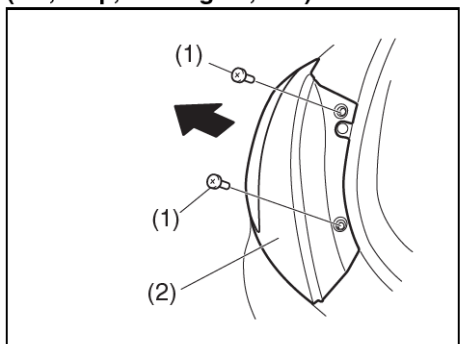
- 2) Insert a flat blade screwdriver into the hole (2) and remove the clips (1) by twist the driver as shown in the illustration.



Bulb Replacement: 7

- 3) Open the fender cover. Disconnect the coupler with pushing the lock release. Turn the bulb holder counterclockwise and remove it.

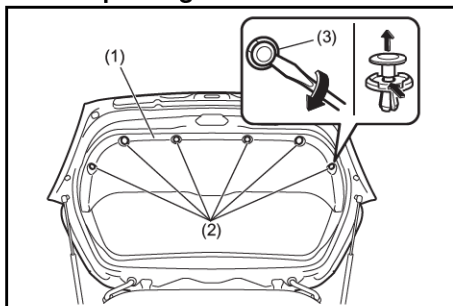
Rear combination light (tail, stop, turn signal, etc.)



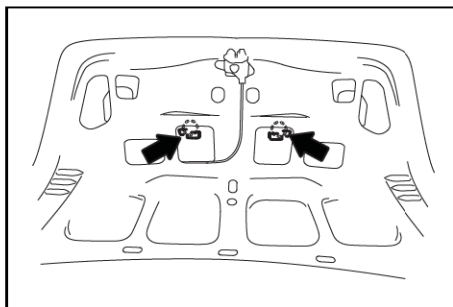
68LM704

Remove the screw (1). Remove the combination light (2) by pulling it outside.

License plate light



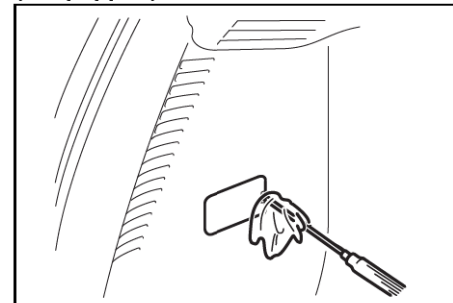
68LM705



To remove licence plate light, cover trim on the license lamp needs to be removed. To open the trim (1), insert a flat blade screw driver into the hole (3) and remove the clips (2) by twisting the driver as shown in the figure. Then after pushing the license lamp it can be taken out.

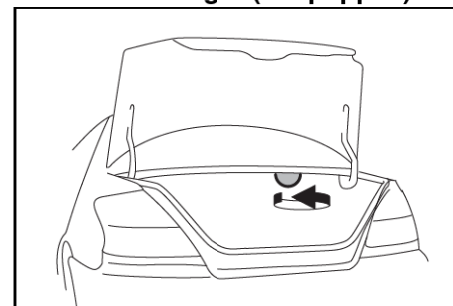
INSPECTION AND MAINTENANCE

Luggage compartment light (if equipped)



68LM717

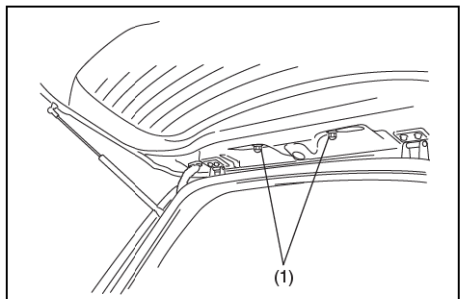
Trunk Room Light (if equipped)



INSPECTION AND MAINTENANCE

High-mount stop light

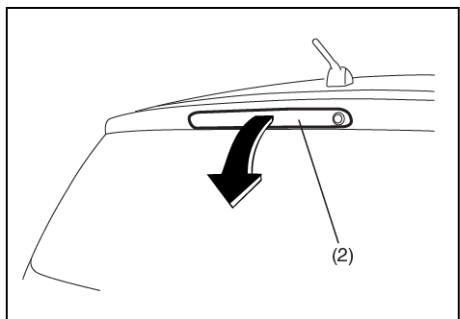
Swift



80J100

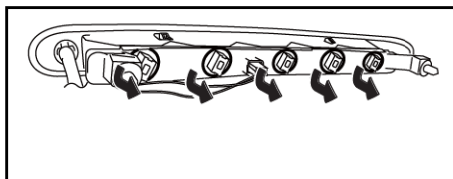
To remove a high-mount stop light housing the following procedure:

- 1) Open the tailgate, and remove the nuts (1) as shown in the illustration.



63J127

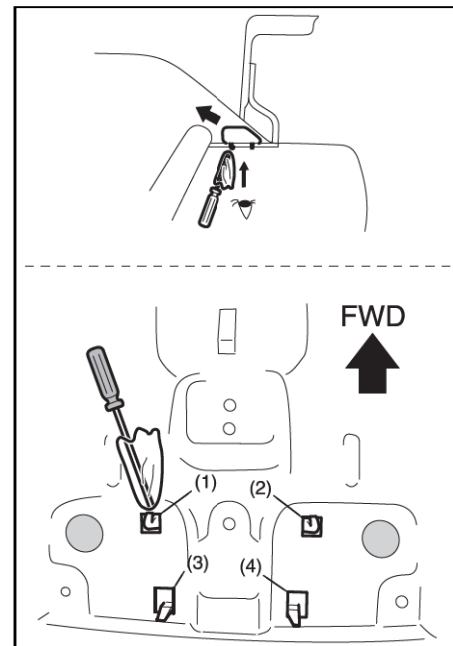
- 2) Close the tailgate. Remove a high-mounted stop light housing (2) from the tailgate.



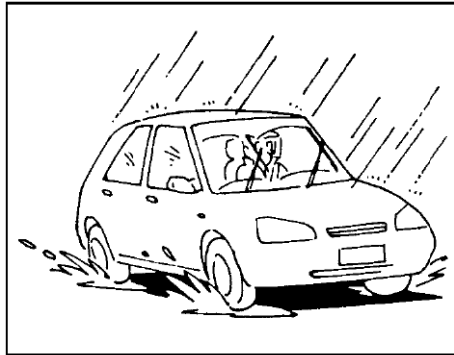
74LHT0712

- 3) Remove the each bulb.
- 4) Replace the bulbs.
To install a high-mounted stop light housing in the reverse order of removal.

Swift Dzire



Wiper Blades



54G129

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.

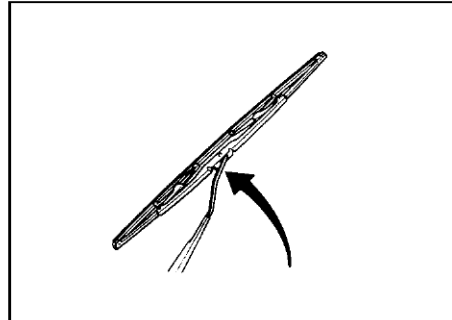
NOTICE

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 dealer for proper replacement method.

For windshield wipers:



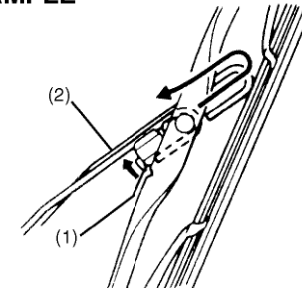
70G119

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

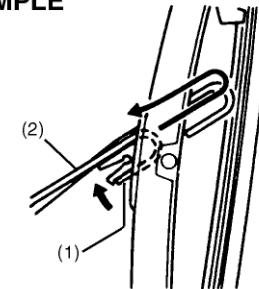
NOTE:

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



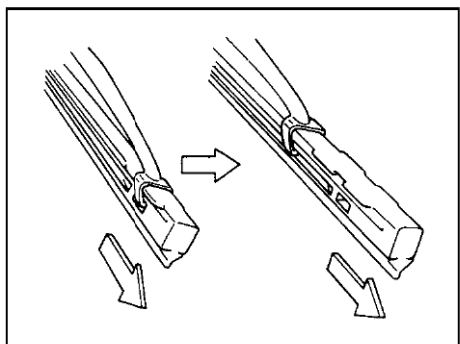
EXAMPLE



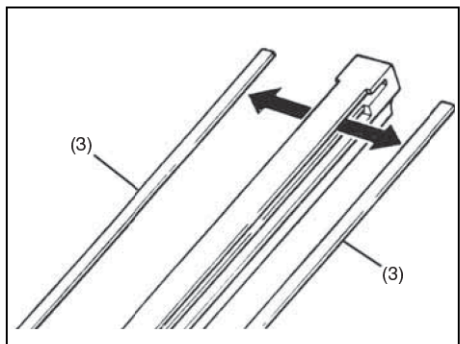
54G130

- 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



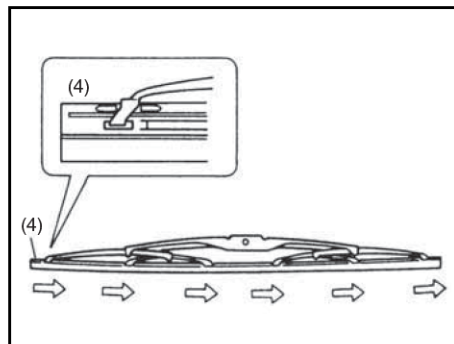
60A260



71LMT0708

(3) Retainer

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

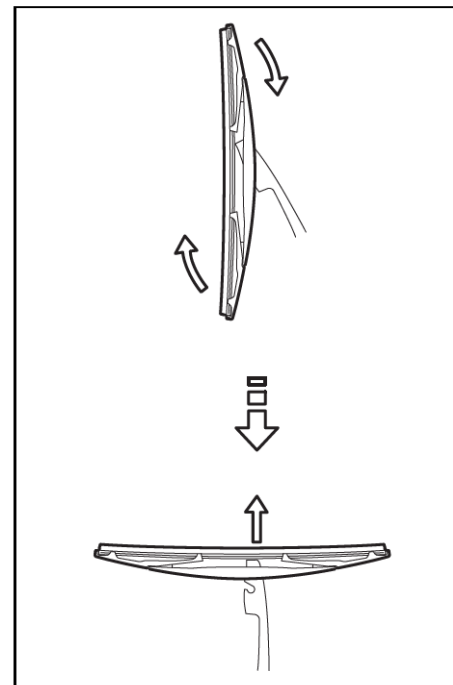


71LMT0707

(4) Locked end

- 5) Install the new blade in the reverse order of removal, with the locked end positioned toward the wiper arm. Make sure the blade is properly retained by all the hooks. Lock the blade end into place.
- 6) Reinstall wiper frame to arm, making sure that the lock lever is snapped securely into the arm.

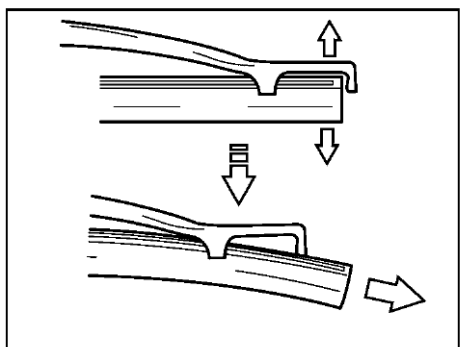
For rear wipers:



80G146

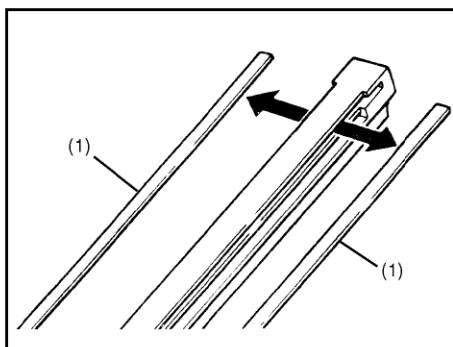
- 1) Hold the wiper arm away from the window.
- 2) Remove the wiper frame from the arm as shown.
- 3) Slide the blade out as shown.

INSPECTION AND MAINTENANCE



65D151

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

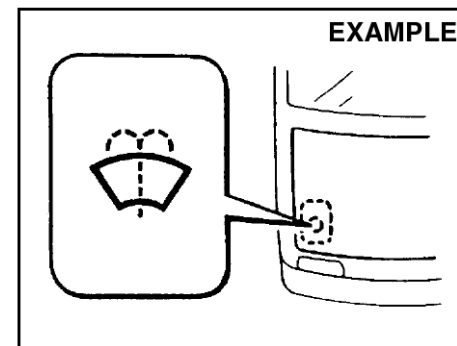


54G135

(1) Retainer

- 4) If the new blade is provided without the two metal retainers, move them from the old blade to the new one.
- 5) Install the new blade in the reverse order of removal.
Make sure the blade is properly retained by all the hooks.
- 6) Reinstall wiper frame to arm in the reverse order of removal.

Windshield Washer Fluid



80JM078

Check that there is washer fluid in the tank. Refill it if necessary. Use a good quality windshield washer fluid, diluted with water as necessary.

INSPECTION AND MAINTENANCE

WARNING

Do not use “anti-freeze” solution in the windshield washer reservoir. This can severely impair visibility when sprayed on the windshield, and also damage your vehicle’s paint.

NOTICE

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

Air Conditioning System

If you do not use the air conditioner for a long period, such as during winter, it may not give the best performance when you start using it again. To help maintain optimum performance and durability of your air conditioner, it needs to be run periodically. Operate the air conditioner at least once a month for one minute with the engine idling. This circulates the refrigerant and oil and helps protect the internal components.

EMERGENCY SERVICE

Tire Changing Tool 8-1

Jacking Instructions 8-2

Jump Starting Instructions 8-5

Towing 8-6

If the Starter Does Not Operate 8-7

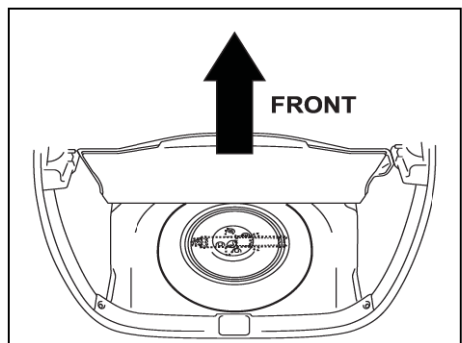
If the Engine is Flooded 8-7

If the Engine Overheats 8-7

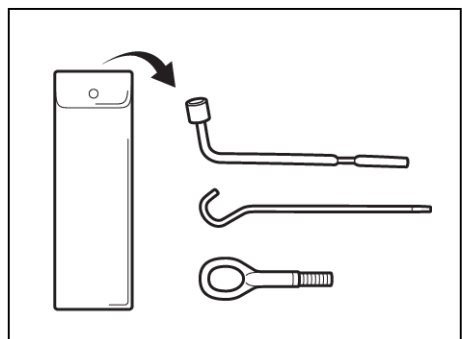
EMERGENCY SERVICE

Tire Changing Tool

Spare tyre and tyre changing tool



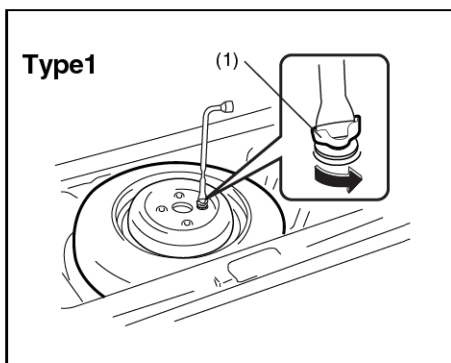
74LHT0806



52KM117

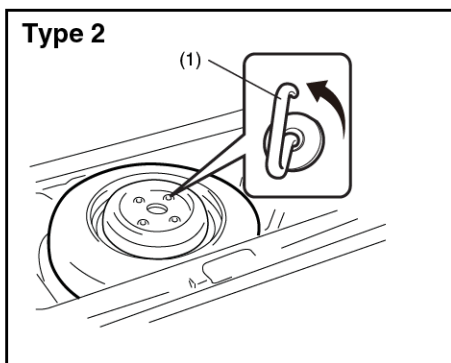
The jack, is stowed just under the spare tyre in the luggage compartment.

Type1



74LHT08031

Type 2

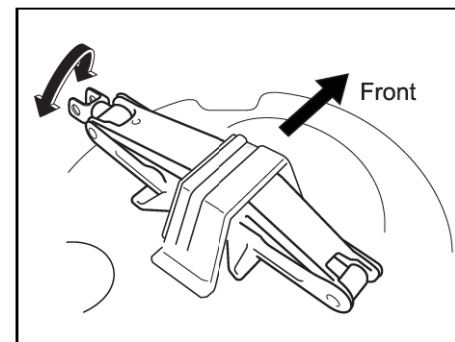


52KM136

To remove the spare tyre, turn its bolt (1) counterclockwise by using the tools as shown in the figure and remove it.

NOTICE

When stowing the jack, place the shaft facing to the left as shown in the illustration. Otherwise the jack cannot be held securely in place in the storage bracket.



74LHT0802

To remove the jack, turn its shaft counterclockwise and pull the jack out of the storage bracket.

To stow the jack, place it in the storage bracket and turn the shaft clockwise until the jack is securely held in place.

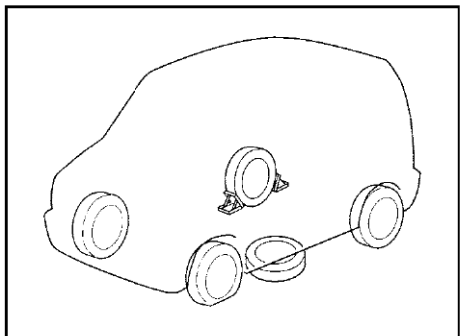
⚠ WARNING

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.

Jacking Instructions



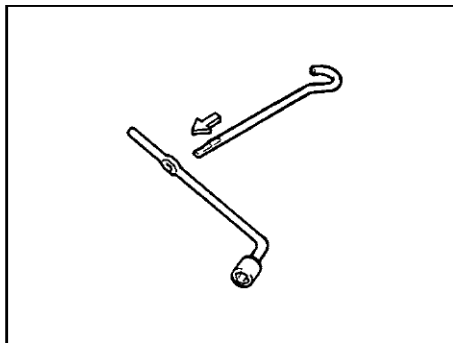
75F062

- 1) Place the vehicle on level, hard ground.
- 2) Set the parking brake firmly and shift into "R" (Reverse).

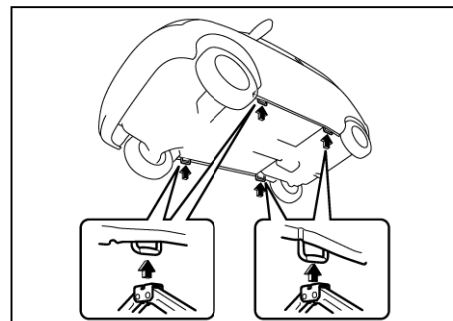
⚠ WARNING

- Be sure to shift into "R" (Reverse) when you jack up the vehicle.
- Never jack up the vehicle with the transmission in "N" (Neutral). Otherwise, unstable jack may cause an accident.

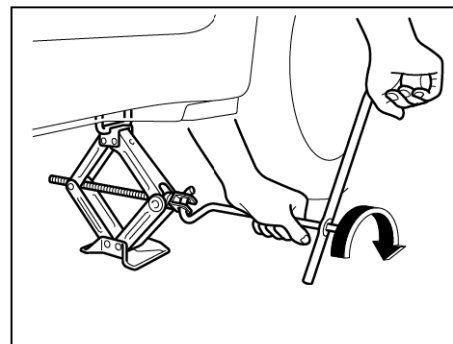
- 3) Turn on the hazard warning flasher if your vehicle is near traffic.
- 4) Block the front and rear of the wheel diagonally opposite of the wheel being lifted.
- 5) Place the spare wheel near the wheel being lifted as shown in the illustration in case that the jack slips.



54G253



63J100



63J101

- 6) Position the jack vertically as shown in the illustration and raise the jack by turning the jack handle clockwise until the jack-head groove fits around the jacking bar beneath the vehicle body.

Jacking Instructions: 5

EMERGENCY SERVICE

- 7) Continue to raise the jack slowly and smoothly until the tire clears the ground. Do not raise the vehicle more than necessary.

⚠ CAUTION

Never jack up the vehicle with passengers inside 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.

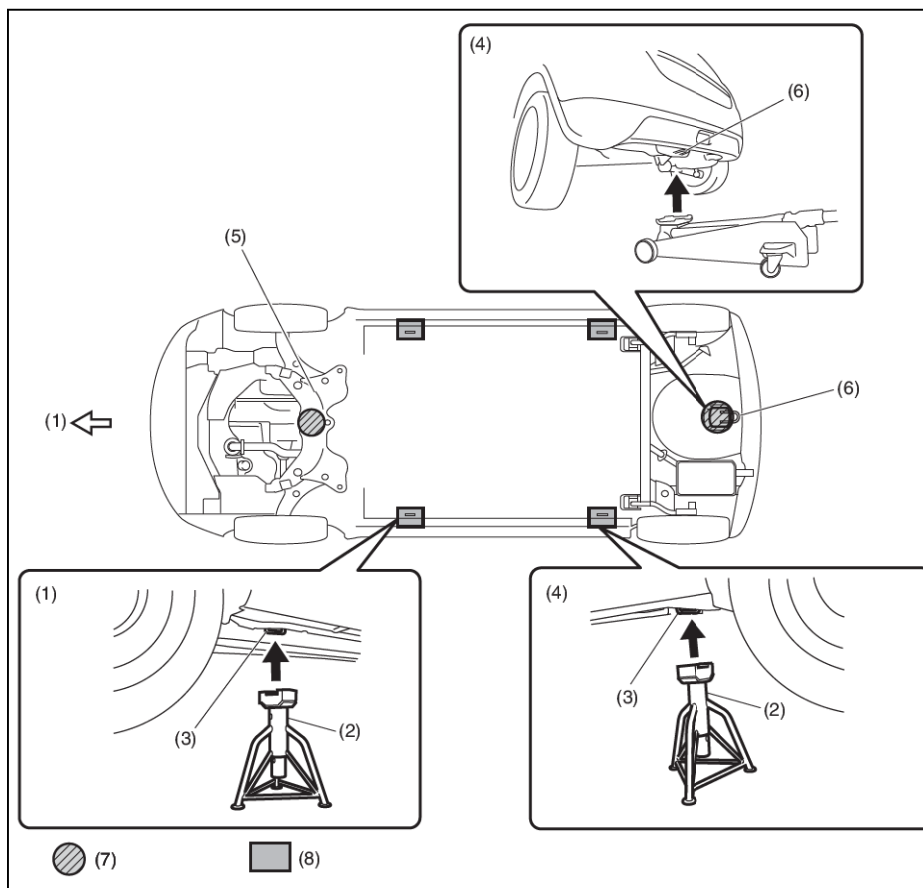
- 1) Front
- 2) Jack stand
- 3) Jacking point for onboard jack
- 4) Rear
- 5) Front suspension frame
- 6) Frame hook
- 7) Jacking point for garage jack
- 8) Application point for two-column lift and jack stand

NOTICE

Never apply a garage jack to the exhaust pipe or engine undercover and rear torsion beam.

NOTE:

For more details, please contact an authorized MARUTI SUZUKI dealer.



⚠ 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.
- Especially, do not raise the vehicle with a jack at a part of the torsion beam which is located under the vehicle body, between rear wheels.
- Make sure that the jack is raised at least 51 mm (2 inches) before it contacts the suspension arm boss. 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.

Changing Wheels

To change a wheel, use the following procedure:

- 1) Clear all passengers and luggage from the vehicle.

NOTE:

The Jack and tools are located under the spare wheel.

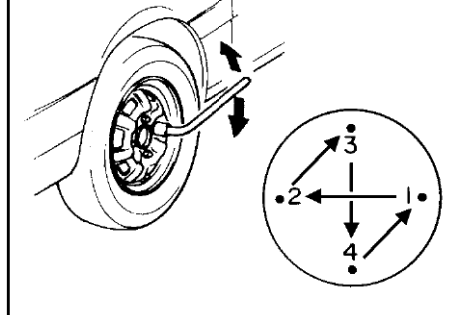
- 2) Remove the jack, tools and spare wheel from the vehicle.
- 3) Loosen, but do not remove the wheel nuts.
- 4) Jack up the vehicle (follow the jacking instructions in this section).

⚠ WARNING

- Be sure to shift into "R" (Reverse) when you jack up the vehicle.
- Never jack up the vehicle with the Transmission in "N" (Neutral). Otherwise, unstable jack may cause an accident.

- 5) Remove the wheel nuts and wheel.
- 6) Before installing the new wheel, clean any mud or dirt off from the surface of the wheel and hub with a clean cloth. Clean the hub carefully; it may be hot from driving.
- 7) Install the new wheel and replace the wheel nuts with their cone shaped end facing the wheel. Tighten each nuts snugly by hand until the wheel is securely seated on the hub.

EXAMPLE



54G116

Tightening torque for wheel nuts
85 Nm (8.5 kg-m, 61.5 lb-ft)

- 8) Lower the jack and fully tighten the nuts in a crisscross fashion with a wrench as shown in the illustration.

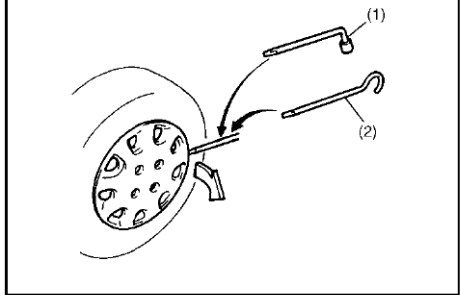
⚠ WARNING

Use MARUTI 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 nuts torque checked by an authorized MARUTI SUZUKI dealer.

EMERGENCY SERVICE

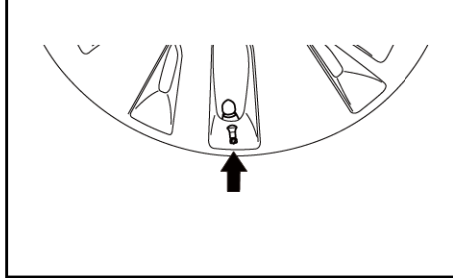
Full Wheel Cover (if equipped)

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 or rupture if jump starting is attempted.
- When making jump lead connections, be certain 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 in the vicinity of the battery.
- If the booster battery you use for jump starting is installed in another vehicle, make sure the two vehicles are not touching each other.
- If your battery discharges repeatedly, for no apparent reason, have your vehicle inspected by an authorized MARUTI SUZUKI dealer.
- To avoid harm to yourself or damage to your vehicle or battery, follow the jump starting instructions below precisely and in order. If you are in doubt, contact your nearest MARUTI SUZUKI authorised workshop.

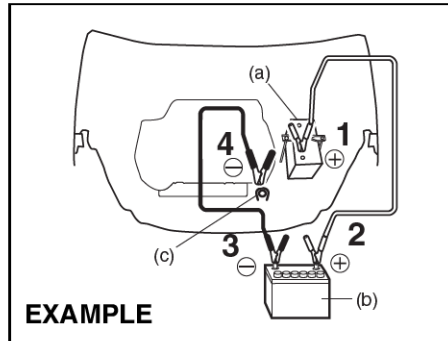
EMERGENCY SERVICE

NOTICE

Your vehicle should not be started by pushing or towing. This starting method could result in permanent damage to the catalytic converter and high pressure fuel pump (diesel) Use jump leads to start a vehicle with a weak or flat battery.

When Jump Starting Your Vehicle, Use the Following Procedure:

- 1) Use only a 12-volt battery to jump start your vehicle. Position the good 12-volt battery close to your vehicle so that the jump leads will reach both batteries. When using a battery installed on another vehicle, DO NOT LET THE VEHICLES TOUCH. Set the parking brakes fully on both vehicles.
- 2) Turn off all vehicle accessories, except those necessary for safety reasons (for example, headlights or hazard lights).



3) Make jump lead connections as follows:

1. Connect one end of the first jump lead to the positive (+) terminal of the flat battery (a).
2. Connect the other end of the first jump lead to the positive (+) terminal of the booster battery (b).
3. Connect one end of the second jump lead to the negative (-) terminal of the booster battery (b).
4. Make the final connection to an unpainted, heavy metal part (i.e. engine hook (c)) of the engine of the vehicle with the flat battery (a).

⚠ WARNING

Never connect the jump lead directly to the negative (-) terminal of the discharged battery, or an explosion may occur.

- 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 flat battery.
- 6) Remove the jump leads in the exact reverse order in which you connected them.

EMERGENCY SERVICE

Towing

If you need to have your vehicle towed, contact a Maruti Suzuki authorised dealer/service stations.

NOTICE

To help avoid damage to your vehicle during towing, proper equipment and towing procedures must be used.

2 Wheel Drive (2WD) Automatic Transmission

Automatic Transmission vehicles may be towed using either of the following methods

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.

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 transmission.

2 Wheel Drive (2WD) Manual Transmission

Your vehicle may be towed using either of the following methods.

- 1) From the front, with the front wheels lifted and the rear wheels on the ground. Before towing, make sure that the parking brake is released.
- 2) From the rear, with the rear wheels lifted and the front wheels on the ground, provided the steering and drivetrain are in operational condition. Before towing, make sure that transmission is in neutral, the steering wheel is unlocked (the ignition key should be in the "ACC" position), 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.

If the Starter Does Not Operate

- 1) Try turning the ignition switch to the "START" position with the headlights turned on to determine the battery condition. If the headlights go excessively dim or go off, it usually means that either the battery is flat or the battery terminal contact is poor. Recharge the battery or correct battery terminal contact as necessary.
- 2) If the headlights remain bright, check the fuses. If the reason for failure of the starter is not obvious, there may be a major electrical problem. Have the vehicle inspected by your authorized MARUTI SUZUKI dealer.

EMERGENCY SERVICE

If the Engine is Flooded

If the engine is flooded with petrol, 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 15 seconds).

If the Engine Overheats

The engine could overheat temporarily under severe driving conditions. If the engine coolant temperature gauge indicates overheating during driving:

- 1) Turn off the air conditioner, if equipped.
- 2) Take the vehicle to a safe place and park.
- 3) Let the engine run at the normal idle speed for a few minutes until the indicator is within the normal, acceptable temperature range between "H" and "C".

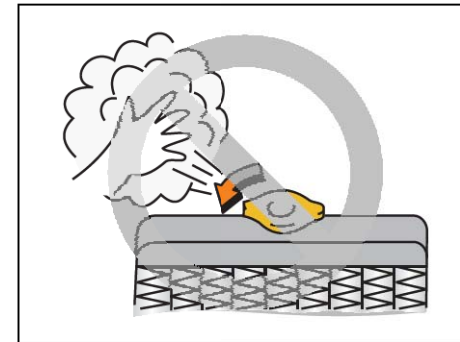
WARNING

If you see or hear escaping steam, stop the vehicle in a safe place and immediately turn off the engine to let it cool. Do not open the hood when steam is present. When the steam can no longer be seen or heard, open the hood to see if the coolant is still boiling. If it is, you must wait until it stops boiling before you proceed.

If the temperature indication does not come down to within the normal, acceptable range:

- 1) Turn off the engine and check that the water pump belt and pulleys are not damaged or slipping. If any abnormality is found, contact your Maruti Suzuki authorised workshop/service station.
- 2) Check the coolant level in the reservoir. If it is found to be lower than the "LOW" line, look for leaks at the radiator, water pump, and radiator and heater hoses. If you locate any leaks that may have caused the overheating, do not run the engine until these problems have been corrected.
- 3) If you do not find a leak, carefully add coolant to the reservoir and then the radiator, if necessary. (Refer to "Engine Coolant" in the "INSPECTION AND MAINTENANCE" section.)

For Petrol



65D350

For Diesel



65D350D

EMERGENCY SERVICE

WARNING

- It is hazardous to remove the radiator cap (or degassing tank cap for a diesel engine) 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.

APPEARANCE CARE

APPEARANCE CARE

Corrosion Prevention 9-1

Vehicle Cleaning 9-2

APPEARANCE CARE

Corrosion Prevention

It is important to take good care of your vehicle to protect it from corrosion. Listed below are instructions for how to maintain your vehicle to prevent corrosion. Please read and follow these instructions carefully.

Important Information About Corrosion

Common causes of corrosion

- 1) Accumulation of road salt, dirt, moisture, or chemicals in hard-to-reach areas of the vehicle underbody or frame.
- 2) Chipping, scratches and any damage to treated or painted metal surfaces resulting from minor accidents or abrasion by stones and gravel.

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, contact your Maruti Suzuki Authorised Dealer.

Corrosion Prevention: 5

Vehicle Cleaning: 5

APPEARANCE CARE

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 cargos such as chemicals, fertilizers, cleaners, salts, etc. are extremely corrosive by nature. These products should be transported in sealed containers. If a spill or leak does occur, clean and dry the area immediately.

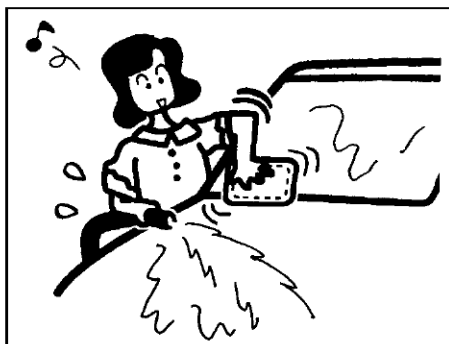
Store your vehicle in a dry, well-ventilated area

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



76G044S

⚠ 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.

APPEARANCE CARE

Fabric upholstery

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.

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

NOTE:

Wipe up spills containing chemicals, alcohol, etc., immediately with a soft, damp cloth. Use a mild soap solution if necessary. Do not use cleaners or polishes containing strong solvents or acidic solutions. These chemicals may stain and discolor the instrument panel and console.

Cleaning the Exterior

NOTICE

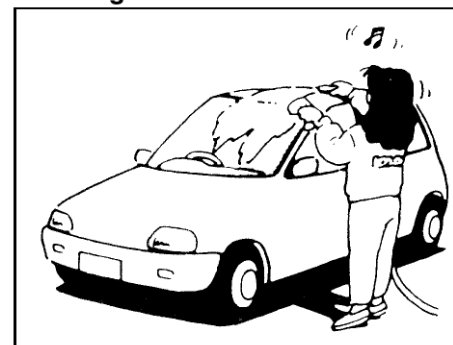
It is important that your vehicle be kept clean and free from dirt. Failure to keep your vehicle clean may result in fading of the paint or corrosion to various parts of the vehicle body.

Caring for Aluminum Wheels

NOTE:

- *Do not use an acidic or alkaline detergent to wash aluminum wheels. These types of detergent will cause permanent spots, discoloration and cracks on finished surfaces.*
- *Do not use a bristle brush and soap containing an abrasive material. These will damage finished surfaces.*

Washing



60B212S

⚠ 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.

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.

- 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.

APPEARANCE CARE

- 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) After rinsing, 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.

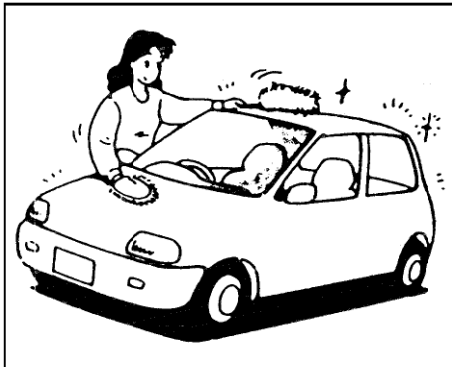
APPEARANCE CARE

NOTICE

If you use an automatic car wash, make sure that your vehicle's body parts, such as spoilers, cannot be damaged. If you are in doubt, consult the car wash operator for advice.

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

Waxing



60B211S

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

GENERAL INFORMATION

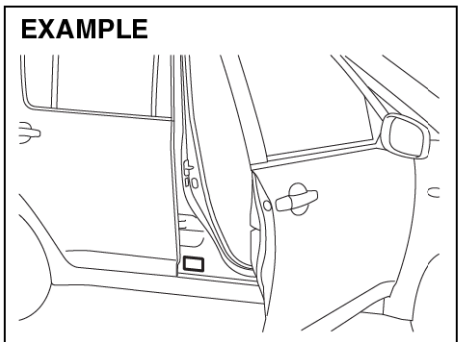
Vehicle Identification 10-1

GENERAL INFORMATION

Vehicle Identification

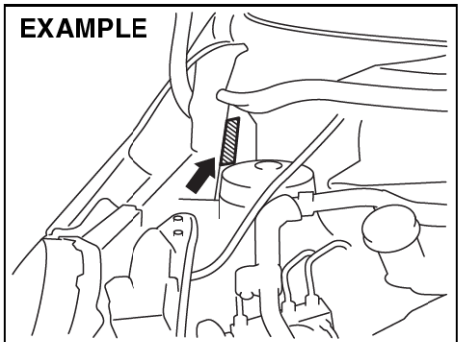
Chassis Serial Number

EXAMPLE



74LHT1001

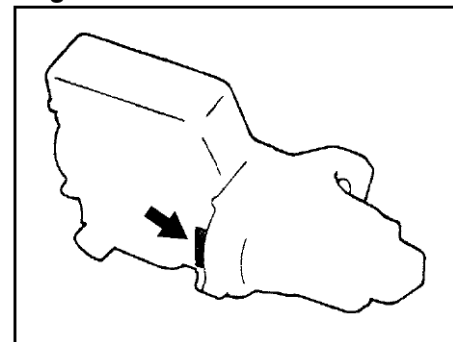
EXAMPLE



74LHT1002

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 dealer, 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



60G128

The engine serial number is stamped on the cylinder block as shown in the illustration.

SPECIFICATIONS

SPECIFICATIONS

NOTE: Specifications are subject to change without notice.

Petrol: Petrol engine model
Diesel: Diesel engine model

ITEM: Dimensions					UNIT: mm
			SWIFT	SWIFT DZIRE	
Overall length			3850	3995	
Overall width			1695	1695	
Overall height			1530	1555	
Wheelbase			2430	2430	
Track	Front	165 tire	1485	1485	
		185 tire	1475	1475	
	Rear	165 tire	1495	1495	
		185 tire	1485	1485	
Ground clearance			170	170	

ITEM: Mass (weight)				UNIT: kg	
			SWIFT	SWIFT DZIRE	
Curb mass (weight)		Petrol	960 - 990	960 - 990	
		Diesel	1050 - 1080	1050 - 1080	
Gross vehicle mass (weight) rating		Petrol	1415	M/T 1415, A/T 1435	
		Diesel	1505	1505	
Gross axle mass (weight) rating	Front	Petrol	800	800	
		Diesel	850	850	
	Rear	Petrol	800	800	
		Diesel	830	830	

SPECIFICATIONS

ITEM: Engine		
Type	K12M (DOHC)	D13A (DOHC)
Number of cylinders	4	4
Bore	73.0 mm	69.6 mm
Stroke	71.5 mm	82.0 mm
Piston displacement	1197 cm ³	1248 cm ³
Compression ratio	10.0 : 1	17.6 : 1

ITEM: Electrical		
Standard spark plug	Petrol	NGK KR6A-10
Battery	Petrol	12V 34B20L/ 12V 38B20L
	Diesel	12V DIN65L
Fuses	See "INSPECTION AND MAINTENANCE" section.	

SPECIFICATIONS

ITEM: Lights		WATTAGE	BULB No.
Headlight		12V 60/55W	H4
Turn signal light	Front	12V 21W	PY21W
	Rear	12V 21W	PY21W
Side turn signal light (on fender)		12V 5W	WY5W
Side turn signal light (on outside rearview mirror)		LED	—
Position light		12V 5W	W5W
Tail/brake light		12V 5/21W	P21/5W
License plate light		12V 5W	W5W
Reversing light		12V 16W	W16W
Interior light		12V 10W	—
Luggage compartment light		12V 5W	—
Front fog light		12V 35W	H8
Rear fog light		12V 21W	P21W
High mount stop light		12V 16W	W16W

SPECIFICATIONS

ITEM: Wheel and Suspension	
Tire size, front and rear	185/65R 15 165/80R 14
Rim size	185 tire: 15X5 1/2J 165 tire: 14X5J
Tire pressures	For the specified tire pressure, see the Tire Information Label located on the driver's door lock pillar.

	Front (Kg per cm ²)	Rear (Kg per cm ²)
185/65 R15	2.0	2.0
165/80 R14	2.3	2.3

SPECIFICATIONS

ITEM: Steering	
Toe-in	1.0 mm
Camber angle	0° 13'
Caster angle	5 °

ITEM: Capacities (approx.)			
Coolant (including reservoir tank)	M/T	Petrol	4.5 L
		Diesel	5.9 L
	A/T	Petrol	4.4 L
Fuel tank			42 L
Engine oil	Petrol/Diesel		3.1 L (With filter)
Transmission oil	M/T	Petrol	2.2 L
		Diesel	2.6 L
	A/T	Petrol	3.05 L

MEMO
