

## FOREWORD

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

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

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

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

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

### MARUTI SUZUKI INDIA LIMITED

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

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

## IMPORTANT

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

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

#### **WARNING**

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

#### **CAUTION**

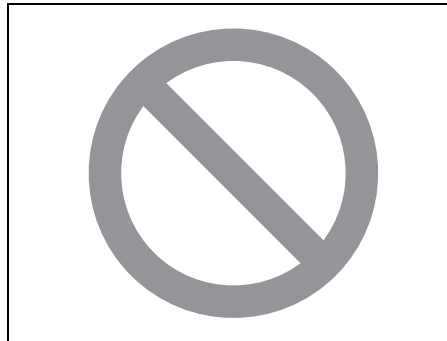
Indicates a potential hazard that could result in minor or moderate injury.

#### **NOTICE**

Indicates a potential hazard that could result in vehicle damage.

#### **NOTE:**

Indicates special information to make maintenance easier or instructions clearer.



75F135

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

## MODIFICATION WARNING

### **WARNING**

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

#### **NOTICE**

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

#### **NOTICE**

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

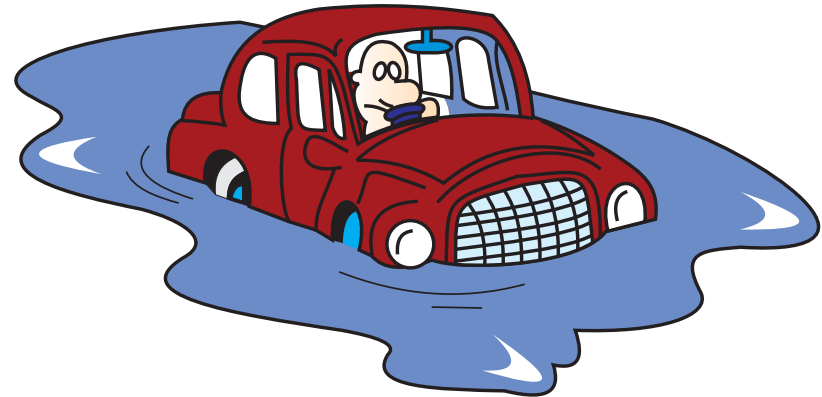
## “WARNING”



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

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

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



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

1. Water entry into the engine.
2. Short circuiting of the electrical systems.

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

NOTE:

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

## **“CAUTION”**

1. Retro-fitment of LPG / CNG kit may deteriorate vehicle performance, reduce engine & engine related component's life and also warranty will be null and void for such vehicles.
2. Do not use domestic LPG/LPG cylinder for your factory fitted LPG vehicles.
3. Usage of domestic LPG for running vehicles is prohibited as per law.
4. Do not remove company fitted LPG/CNG kit to install some other kit. It may affect vehicle performance and may cause fire.
5. Drive slowly on wet roads. Tires may slip while braking at higher speeds due to aquaplaning. (reduced contact area between tire and road due to presence of water)
6. Do not leave engine running in garages or confined areas, with passengers inside. This may result in accumulation of carbon-monoxide in cabin and may lead to suffocation or breathing problems.
7. Do not park vehicle on dry leaves or grass. This may lead to fire due to hot catalytic converter, igniting the dry leaves/grass.
8. If the vehicle is equipped with CNG/LPG, ensure availability of fire extinguisher in the vehicle all the time.
9. Always wear seat belt at all the times.
10. Do not use mobile phone while driving.
11. Avoid Smoking in the car, live bud thrown in car may cause fire.
12. Do not put any body part under the vehicle when it is supported on a Jack.
13. Do not use non-genuine accessories in your vehicle.
14. Do not fit accessories from unauthorized workshops/sources.
15. Usage of non-approved electrical accessories in your vehicle may result in spark, fire or personal injury.



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

**CUSTOMER SERVICE MAINTENANCE RECORD (to be filled by customer)**

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

**Maruti Suzuki Network can be viewed by installing below Mobile Apps:****For Arena Models:****Maruti care****For Nexa Models:****Nexa**

**1ST. FREE INSPECTION COUPON**

(Customer's copy)

(1,000 KM or 1 MONTH)

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

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

(Selling dealer copy)

(1,000 KM or 1 MONTH)

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

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

(Servicing W/S copy)

(1,000 KM or 1 MONTH)

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

**COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMER**Workshop In charge  
Signature

**1ST. FREE INSPECTION COUPON**

(Servicing W/S copy)

(1,000 KM or 1 MONTH)

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

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

FOR BAR CODE

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

(Selling dealer copy)

(1,000 KM or 1 MONTH)

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FOR BAR CODE

Service Division  
Maruti Suzuki India Limited

**2ND. FREE INSPECTION COUPON**

(Customer's copy)

(5,000 KM or 6 MONTHS)

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

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Signature**For periodic maintenance schedule,  
refer to "Inspection and Maintenance"  
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(Selling dealer copy)

(5,000 KM or 6 MONTHS)

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

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(Servicing W/S copy)

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FOR BAR CODE

Service Division  
Maruti Suzuki India Limited

**3RD. FREE INSPECTION COUPON**

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

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

**COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMER**Workshop In charge  
Signature**For periodic maintenance schedule,  
refer to "Inspection and Maintenance"  
section of this manual****3RD. FREE INSPECTION COUPON**

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

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

**COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMER**Workshop In charge  
Signature**3RD. FREE INSPECTION COUPON**

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

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

**COST OF MATERIALS AND CONSUMABLES TO BE BORNE BY CUSTOMER**Workshop In charge  
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FOR BAR CODE

Service Division  
Maruti Suzuki India Limited



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## WARRANTY POLICY

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

### (1) Qualification:

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

### (2) Term:

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

### (3) Maruti Suzuki Warranty Obligation:

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

### (4) Limitation:

This warranty shall not apply to:

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

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

#### **(5) Extent of Warranty:**

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

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

#### **(6) Warranty Service:**

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

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

#### **(7) Owner's Warranty Responsibilities:**

It is responsibility of each owner to:

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

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

**(8) Disclaimer of Consequential Damage:**

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

**(9) Change of Owner**

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

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## EMISSION WARRANTY POLICY

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

### Terms:

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

### Conditions:

1. Under Emission Warranty, Warranty claims will be admitted for a prima facie examination, in case vehicle fails to meet the Emission Standard as specified in sub rule (2) of rule no. 115 of Central Motor Vehicles Rules (CMVR), 1989.
2. The warranty claims will only be accepted after examination carried out by Maruti Suzuki or it's dealer which leads to firm conclusions that the
  - a) Original settings have not been tampered in any case.
  - b) Part (as given in Annexure - A) has a manufacturing defect.
  - c) Vehicle is unable to meet the Emission Standards (as given in 1.), in spite of the vehicle having been maintained and used in accordance with the instructions as specified in Owner's Manual and Service Booklet and the used fuel and different oils (Engine oil, Transmission oil, Brake oil etc.) are also as per specification.
3. The method of examination for deciding the warranty of the parts will be at the sole discretion of Maruti Suzuki and it's dealer and results of the examination will be final and binding. If after examination, the warrantable condition is not established, Maruti Suzuki and it's 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 it's 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 preceding the test during which the failure is discovered. The receipts (for the maintenance of the vehicle as per specification in Owner's Manual and Service Booklet from the date of original purchase of the vehicle) will also be required.

**Conditions under which the Emission Warranty is not APPLICABLE**

1. In the absence of valid PUC certificate.
2. Vehicle not serviced from Maruti Suzuki authorised workshop as per the schedule specified in this Owner's Manual and Service Booklet.
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 that has been tampered with.
6. Tampering with odometer so that the actual kilometer reading can not be determined.
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. Ignition Coil.
6. Canister Assembly.
7. Vapour Liquid Separator.
8. Fuel Tank and Filler Cap.
9. PCV (Positive Crankcase Ventilation) Valve.
10. Oil Filler Cap.
11. Catalytic Converter.
12. Exhaust Manifold.
13. All Fuel Injection System related sensors.
14. High Pressure Fuel Pump.
15. Glow Plug.
16. Glow Plug Controller.



## TABLE OF CONTENTS

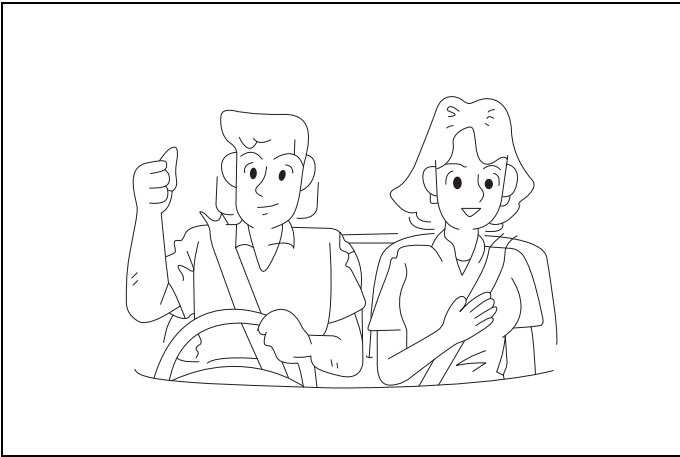
FOR SAFE DRIVING	1
BEFORE DRIVING	2
OPERATING YOUR VEHICLE	3
DRIVING TIPS	4
OTHER CONTROLS AND EQUIPMENT	5
INSPECTION AND MAINTENANCE	6
EMERGENCY SERVICE	7
APPEARANCE CARE	8
SPECIFICATIONS	9
SERVICE NETWORK	10





FOR SAFE DRIVING

1



65D231S

Floor Mats (if equipped) ..... 1-1

Front Seats ..... 1-1

Rear Seats ..... 1-3

Seat Belts and Child Restraint Systems ..... 1-8

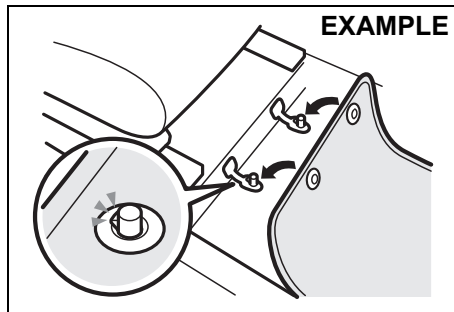
Child Restraint System for India..... 1-18

Supplemental Restraint System (airbags) ..... 1-24

Exhaust Gas Warning ..... 1-31

## FOR SAFE DRIVING

### Floor Mats (if equipped)



60MK020

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

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

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

#### **WARNING**

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

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

### Front Seats

#### Seat Adjustment

#### **WARNING**

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

#### **WARNING**

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

#### **WARNING**

Do not place any object under the front seat. If an object becomes caught under the front seat, the following may occur.

- The seat will not be latched.

**⚠ WARNING**

Do not leave cigarette lighters or spray cans on the floor. If a cigarette lighter or spray can is on the floor, it may light accidentally when luggage is loaded or the seat is adjusted, causing a fire.

**Adjusting Seat Position**

**EXAMPLE**



73R0032

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.

**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.

**EXAMPLE**

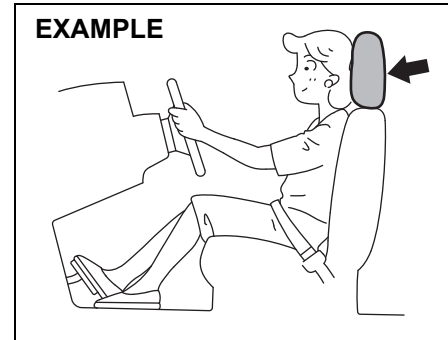


72R0133

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.

**Head Restraints**

**EXAMPLE**



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**

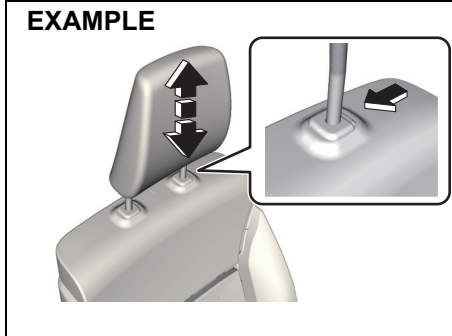
- **Never drive the vehicle with the head restraints removed.**
- **Do not attempt to adjust the head restraint while driving.**

**NOTE:**

*It may be necessary to recline the seatback to provide enough overhead clearance to remove the head restraint.*

## FOR SAFE DRIVING

### EXAMPLE



73R0035

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

### Seat Adjustment

#### ⚠ WARNING

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

### Adjusting Seat Position

#### For 2nd row seats

### EXAMPLE



72R0024

The adjustment levers for 2nd row seats are located under the front of the seats. 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.

#### NOTICE

When the 3rd row seat is folded forward, adjust the 2nd row seat not to reach the 3rd row seat.

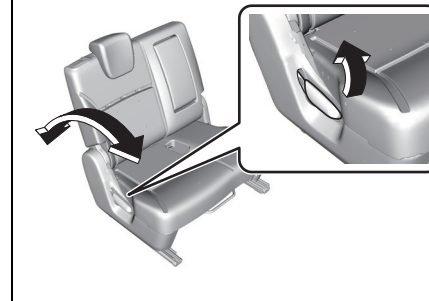
### Adjusting Seatbacks

#### ⚠ 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.

#### For 2nd row seats

### EXAMPLE



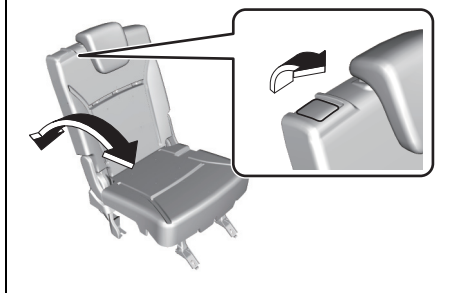
72R0025

## FOR SAFE DRIVING

To adjust the seatback angle of 2nd row 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.

### For 3rd row seats

#### EXAMPLE



73RS017

To adjust the seatback angle of 3rd row seats, put one hand on the backrest and fully lift up the release lever in the upper side of the backrest.

With the release lever in raised condition, pull down the backrest till the position little bit more than desired angle.

Then, remove hand from release lever and push the backrest towards back to fix it in position.

#### **WARNING**

**Do not pull down the backrest more than required, the seat belt cannot show full effect.**

#### **NOTICE**

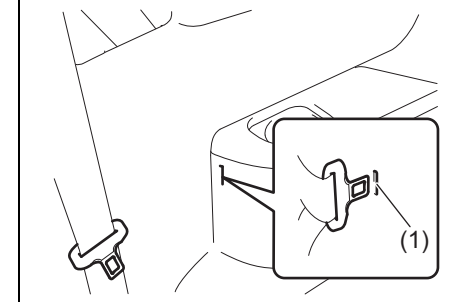
**Adjust the 3rd row seat after getting down from the seat. If the release lever is pulled while being seated, the backrest will suddenly collapse to max angle.**

**Pull the release lever fully. If the seat is made to collapse without the lock being released, movement of lock will become heavy.**

### Walk-in Type Seats

#### For 2nd row seats

#### EXAMPLE

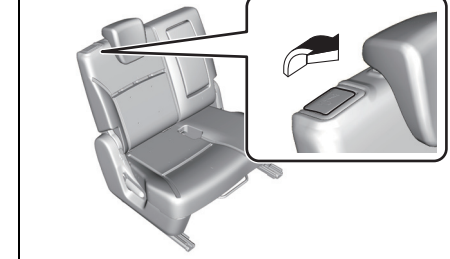


73R0038

#### **NOTE:**

*To enter to or exit from the 3rd row seat, insert the tongue plate of the buckle into the part (1) before moving the 2nd row seat.*

#### EXAMPLE



72R0026

## FOR SAFE DRIVING

The walk-in type seat can be moved to provide easy entry to and exit from the 3rd row seats. You can move a walk-in seat by lifting up the release lever and pushing the seatback forward.

### WARNING

- After using the walk-in function, be sure to return the folded seat back to an upright position.
- Before returning a walk-in seat to its normal seating position, make sure that the feet of the passenger in the 3rd row seat are out of the way.
- After returning the seat to its normal seating position, make sure it is securely latched.

### NOTICE

Release lever is meant for easy entry purpose only. Not to be used for adjusting seatback.

### Head Restraints

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

### WARNING

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

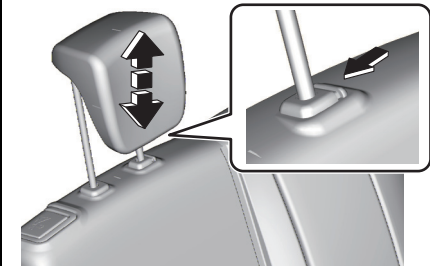
### NOTE:

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

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

### 2nd row seats

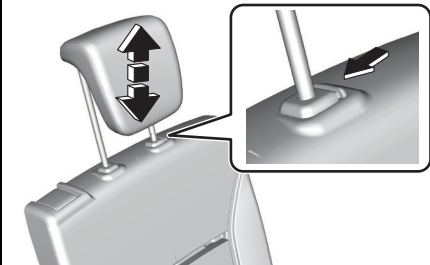
#### EXAMPLE



72R0134

### 3rd row seats

#### EXAMPLE



73R0040

## FOR SAFE DRIVING

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

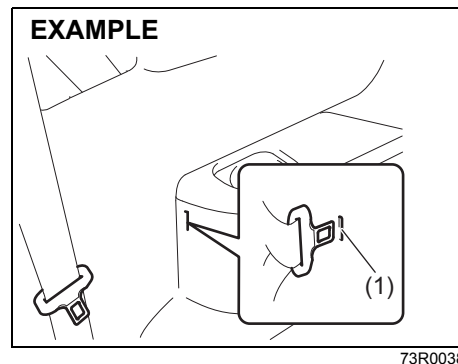
When installing a child restraint system, raise the head restraint to the most upper position.

### Folding Rear Seats

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

#### 2nd row seats

To fold the 2nd row seat forward:



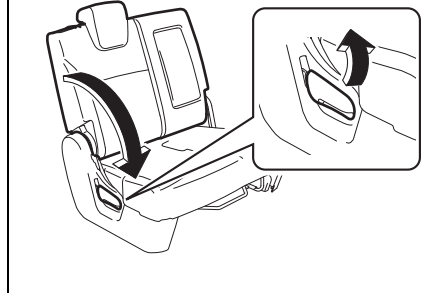
- 1) Insert the tongue plate of the buckle into the part (1).

#### NOTICE

- When you move a seatback, make sure the tongue plate of the buckle is inserted in the seat belt catch hole 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 head restraint fully.  
3) Store the seat belt buckles in the seat cushion slit.

#### EXAMPLE



72R0027

- 4) Pull up the lever on the outboard side of the seat, and fold the seatback forward.

#### NOTICE

When the 2nd row seat head restraint reaches the front seatback, slide the front seat forward.

#### ⚠ WARNING

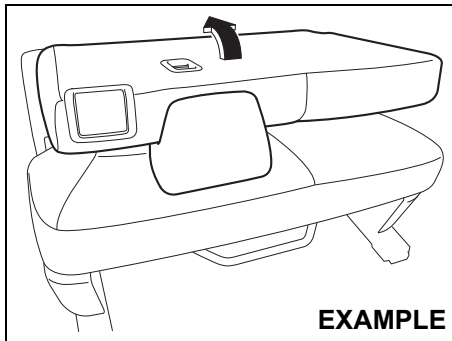
If you need to carry cargo in the passenger compartment with the 2nd row seatback folded forward, be sure to secure the cargo or it may be thrown about, causing injury. Never pile cargo higher than the seatback.

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

#### NOTICE

When you move a seatback, make sure the tongue plate of the buckle is inserted in the seat belt catch hole so the seat belts are not caught by the seatback, seat hinge, or seat latch. This helps prevent damage to the belt system.

## FOR SAFE DRIVING



73R0006

Raise the seatback until it locks into place.

### NOTE:

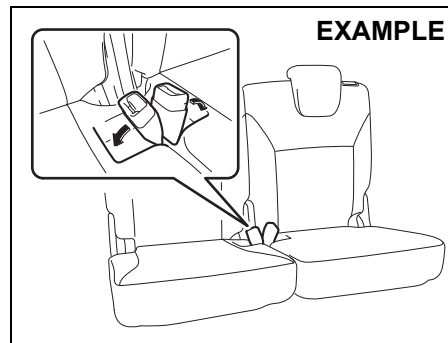
*When the seatback is locked in the folded position, pull up the lever on the outboard side of the seat to unlatch the seatback.*

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

### 3rd row seats

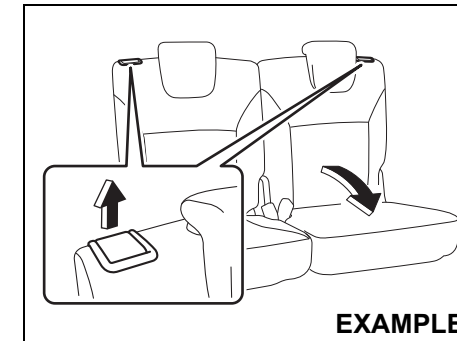
To fold the 3rd row seat forward:

- 1) Lower the head restraint fully.



73R0207

- 2) Stow the seat belt buckles of the right and left seating position into the pocket of the seat cushion as shown in the illustration.



73R0007

- 3) Lift up the release lever on the top of seat, and fold the seatback forward.

### NOTICE

**When the 3rd row seat head restraint reaches the 2nd row seatback, slide the 2nd row seat forward.**

### NOTICE

**When you are not using a seat belt, stow the seat belt buckles of the right and left seating position into the pocket first. This helps prevent being caught by the seat and being damaged.**



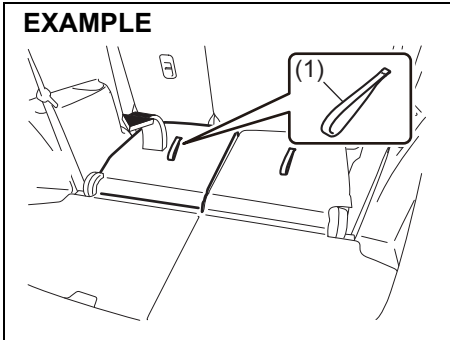
## FOR SAFE DRIVING

### **⚠ WARNING**

If you need to carry cargo in the passenger compartment with the 3rd row 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.

### **EXAMPLE**



73R0008

Raise the seatback until it locks into place.

When you raise the seat from back of it, pull the strap (1).

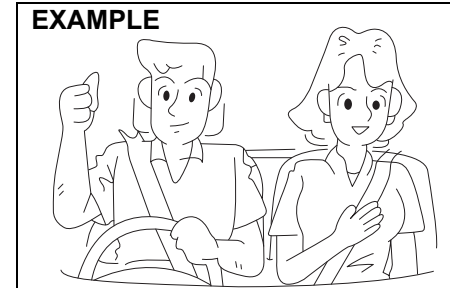
### **NOTICE**

Do not allow items in the luggage box to extend above the top of the luggage box. Otherwise, the luggage box or cover may be damaged.

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

## Seat Belts and Child Restraint Systems

### **EXAMPLE**



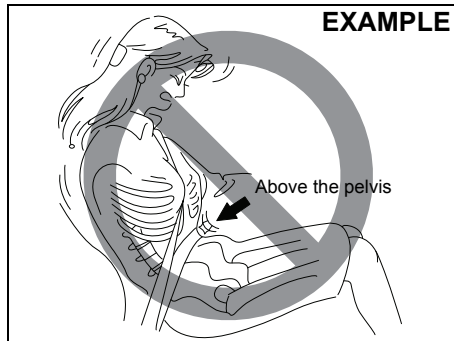
65D231S

### **⚠ WARNING**

- **Wear Your Seat Belts at All Times.**
- An airbag supplements, or adds to, the frontal collision protection offered by seat belts. The driver and all passengers must be properly restrained by wearing seat belts at all times, whether or not an airbag is mounted at their seating position, to minimize the risk of severe injury or death in the event of a collision.
- Do not modify, remove, disassemble seat belts. Doing so may prevent them from functioning properly and cause the risk of severe injury or death in the event of a collision.

(Continued)

## FOR SAFE DRIVING

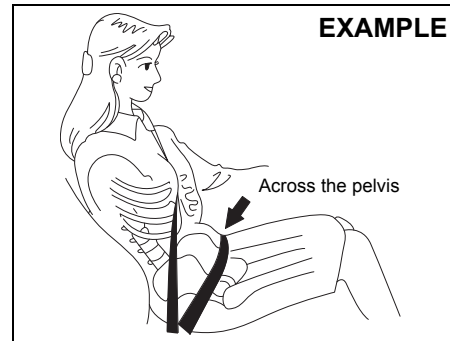


65D606

### ⚠ 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)



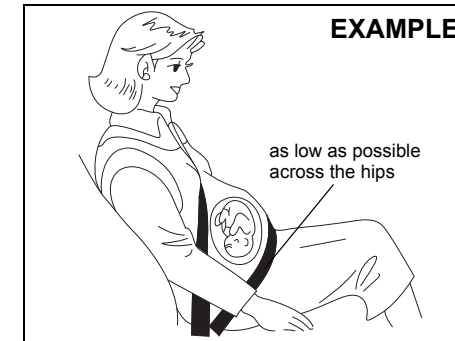
65D201

### ⚠ WARNING

(Continued)

- Seat belts should never be worn with the straps twisted and should be adjusted as tightly as is comfortable to provide the protection for which they have been designed. A slack belt will provide less protection than one which is snug.
- Check that seat belt latch plate (tongue) is inserted into the proper buckle especially in the rear seats. It is not possible to insert into the wrong buckles in the rear seats.

(Continued)



65D199

### ⚠ WARNING

(Continued)

- Pregnant women should use seat belts, although specific recommendations about driving should be made by the woman's medical advisor. Remember that the lap portion of the belt should be worn as low as possible across the hips, as shown in the diagram.
- Do not wear 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)

## FOR SAFE DRIVING

### WARNING

(Continued)

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

(Continued)

### WARNING

(Continued)

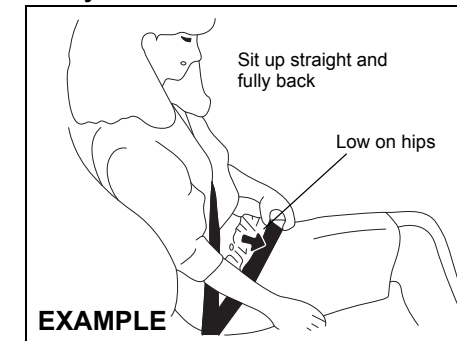
- **For children, if the shoulder belt irritates the neck or face, move the child closer to the center of the vehicle.**
- **Avoid contamination of seat belt webbing by polishes, oils, chemicals, and particularly battery acid.** Cleaning may safely be carried out using mild soap and water.
- **Do not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

### Lap-Shoulder Belt

#### Emergency Locking Retractor (ELR)

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

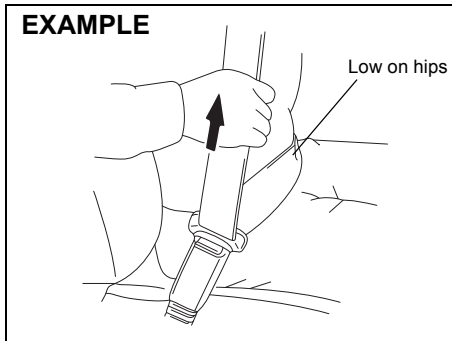
#### Safety reminder



60A038

## FOR SAFE DRIVING

### EXAMPLE

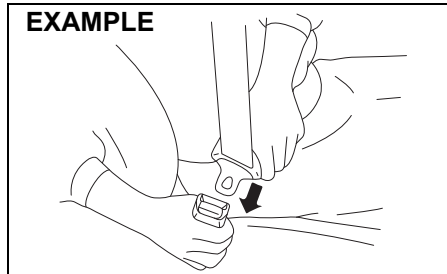


60A040

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.

### All Seat Belts Except Center of 2nd Row Seat

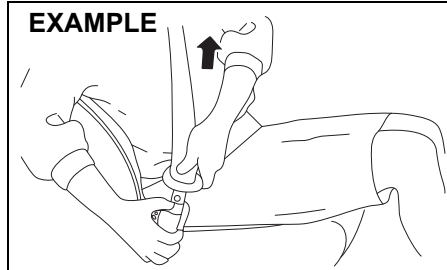
#### EXAMPLE



60A036

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

#### EXAMPLE



60A039

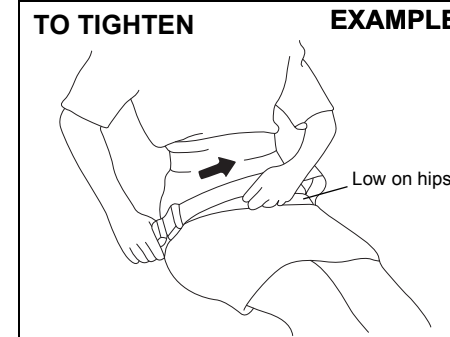
To unfasten the seat belt, push the button on the buckle and retract the belt slowly while attaching a hand to the belt or/and the latch plate.

### Center Seat Belt of 2nd Row Seat

#### Lap belt

#### TO TIGHTEN

#### EXAMPLE

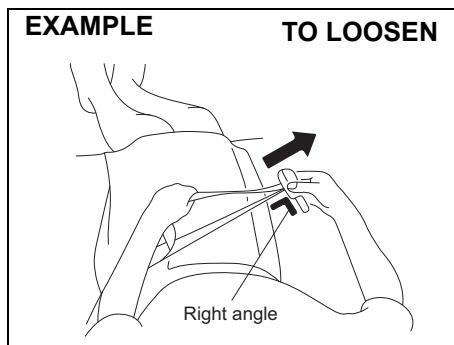


80JS028

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.

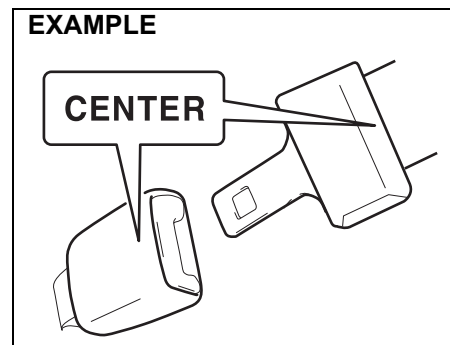
To tighten the belt, pull the free end of the belt across alongside the lap strap.

## FOR SAFE DRIVING



80JS029

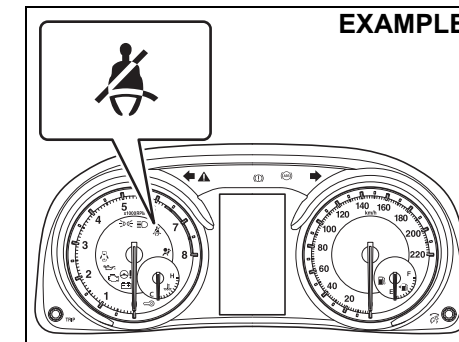
To lengthen, release the latch plate from the buckle, pull the latch plate (adjuster) in the direction of the arrow. The latch plate should then be refitted into the buckle and the belt tightened as previously described. To unfasten the belt, press the release button and the buckle latch.



79MH0239

**NOTE:**  
The word "CENTER" is marked on the buckle and tongue for the rear center belt. The buckles are designed so a latch plate cannot be inserted into the wrong buckle.

**Driver's seat belt reminder light / Front passenger's seat belt reminder light**



72RM01001

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

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

## FOR SAFE DRIVING

### Driver's seat belt reminder

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

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

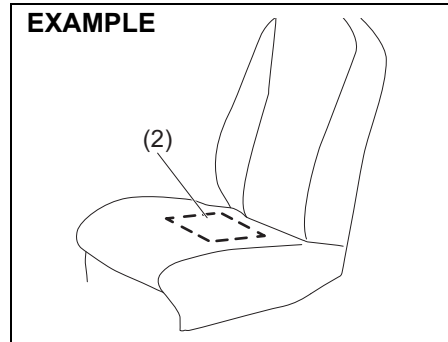
If the driver has buckled his or her seat belt and later unbuckles the seat belt, the reminder system will be activated from Step 1) or 2) according to the vehicle's speed. When the vehicle's speed is less than 15 km/h, the reminder will start from Step 1). When the vehicle's speed is more than 15 km/h,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

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

### Front passenger's seat belt reminder

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

#### EXAMPLE



69RH203

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

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

### ⚠ WARNING

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

### ⚠ CAUTION

- Do not spill liquid or semi-solid on the front passenger's seat. If you spill it on the front passenger's seat, immediately wipe it dry with a soft cloth. Contact of liquid with sensor may impact the function of seat belt reminder sensor.
- Do not place any sharp or heavy object on passenger seat which can penetrate through seat upholstery and can cause damage to sensor.

**NOTICE**

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

(Continued)

**NOTICE**

(Continued)

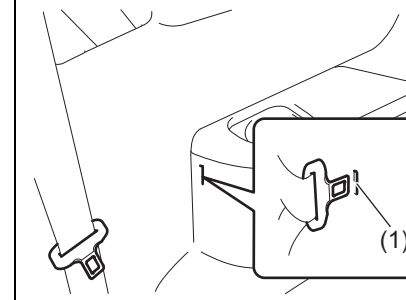
- When sitting on the front passenger's seat, it is very important that the passenger sits upright, leaning against the seat backrest and centered on the seat cushion in order for the seatbelt reminder system to function effectively. An occupant sitting improperly (slouches, turns sideways, sits forward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

**NOTE:**

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

**Seat Belt Catch Hole  
(for 2nd row seats)**

**EXAMPLE**



73R0038

**NOTE:**

To enter to or exit from the 3rd row seat, insert the tongue plate of the buckle into the part (1) before moving the 2nd row seat.

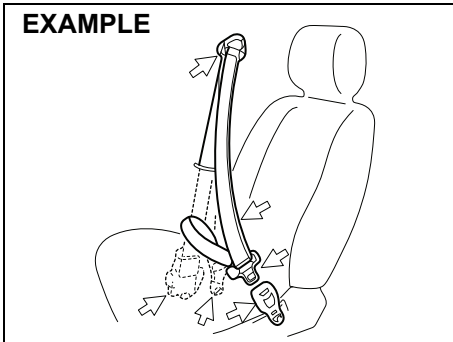
**NOTICE**

When you move a seatback, make sure the tongue plate of the buckle is inserted in the seat belt catch hole so the seat belts are not caught by the seatback, seat hinge, or seat latch. This helps prevent damage to the belt system.

## FOR SAFE DRIVING

### Seat Belt Inspection

#### EXAMPLE



65D209S

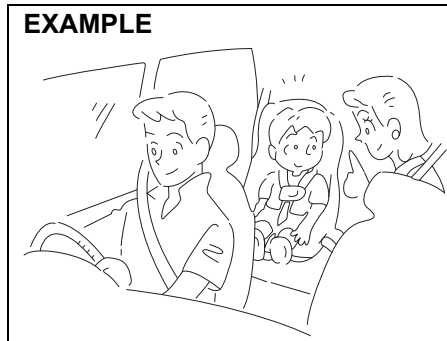
Periodically inspect the seat belts to make sure they work properly and are not damaged. Check the webbing, buckles, latch plates, retractors, anchorages, and guide loops. Replace any seat belts which do not work properly or are damaged.

#### ⚠ WARNING

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 must be replaced if the airbags and the seat belt pretensioners activated. The airbags, the pretensioners and the load limiter will only function once. In case they did not activate, consult with a Maruti Suzuki authorised workshop.

### Child Restraint Systems

#### EXAMPLE

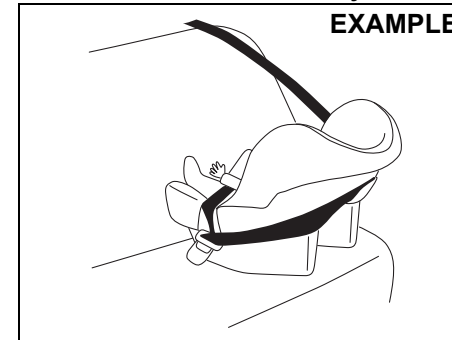


60G332S

The following types of child restraint system are available generally.

### Infant restraint - rear seat only

#### EXAMPLE



79J221

### Child restraint

#### EXAMPLE

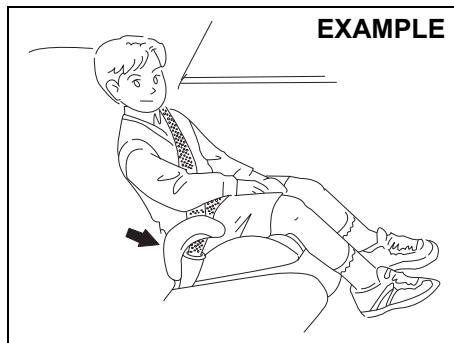


64L30820



## FOR SAFE DRIVING

### Booster seat



79J223

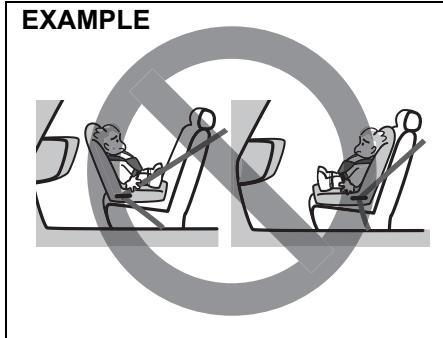
MARUTI SUZUKI highly recommends that you use a child restraint system to restrain infants and small children. Many different types of child restraint systems are available; check that the restraint system you select meets applicable safety standards.

All child restraint systems are designed to be secured in vehicle seats either by seat belts (the lap portion of lap-shoulder belts) or by special rigid lower anchor bars built into the seat.

#### NOTE:

Observe any statutory regulation about child restraints.

### EXAMPLE



61M0241

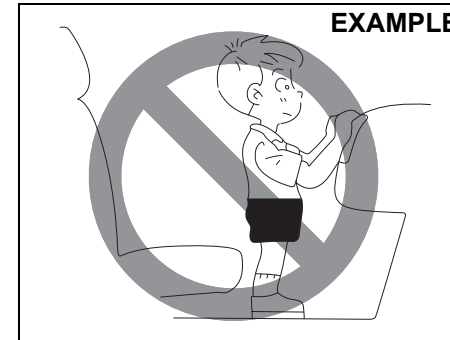
### ⚠ WARNING

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

### ⚠ WARNING

**If you install a child restraint system in the 2nd row seat, slide the seat installed the child restraint system as far back as possible. So that, the child's feet do not contact the front seatback. These will help avoid injury to the child in the event of an accident.**

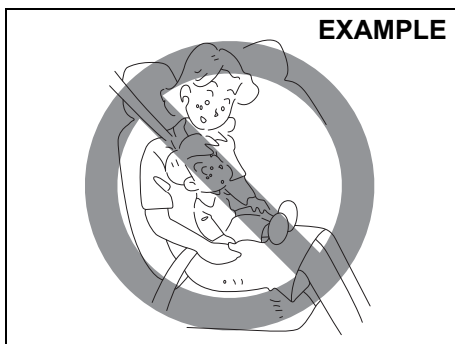
### EXAMPLE



65D608D

## FOR SAFE DRIVING

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65D609S

### **⚠ WARNING**

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

## Child Restraint System for India

### Child Restraint

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

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

Key of letters to be inserted in the above table:

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

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

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

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

: 'Outboard' indicates window side seat.

## FOR SAFE DRIVING

### Installation with lap-shoulder seat belts

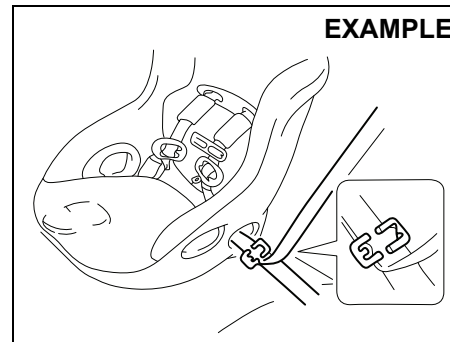
#### CAUTION

If your vehicle is equipped with the rear head restraint, adjust the height of the head restraint or remove it for fitting the child restraint, as necessary. However, if a booster cushion not equipped with the seatback is fitted, the seat head restraint should not be removed. If the head restraint is removed for fitting the child restraint, you need to install it again after removing the child restraint. If the child restraint is fitted improperly, a child sitting in it could be injured in a collision.

#### NOTE:

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

### ELR type belt



80JC021

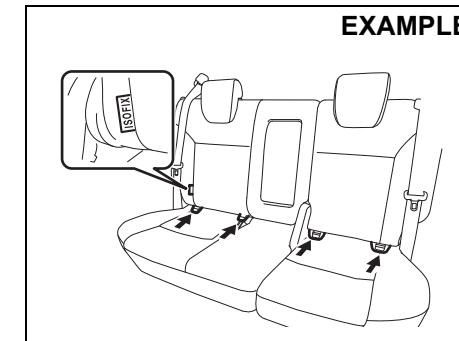
Install your child restraint system according to the instructions provided by the child restraint system manufacturer.

Check that the seat belt is securely latched.

Move the child restraint system in all directions to check that it is securely installed.

When you put your child in the child restraint system, appropriately slide the front seat forward not to touch a part of your child's body.

### Installation with ISOFIX type anchorages



72R0029

Your vehicle is equipped with the lower anchorages in the 2nd row seat outboard seating positions for securing a ISOFIX type of child restraints with the connecting bars. The lower anchorages are located where the rear of the seat cushion meets the bottom of the seatback.

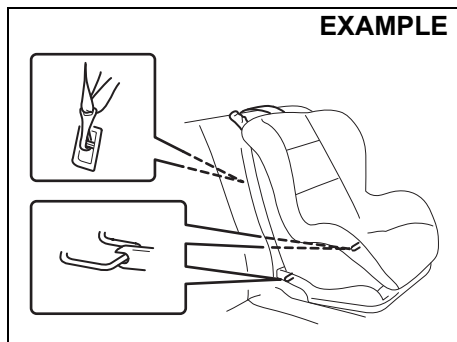
#### WARNING

**Install the ISOFIX type of child restraint(s) in the only outboard seating positions, not in the central position for the 2nd row seat.**

Install the ISOFIX type child restraint system according to the instructions provided by the child restraint system manufacturer. After installation, try moving the child

## FOR SAFE DRIVING

restraint system in all directions especially forward to check that connecting bars are securely latched to the anchorages.



84MM00252

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

Here is a general instruction:

### ⚠ CAUTION

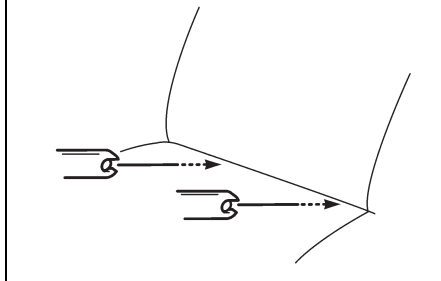
If your vehicle is equipped with the rear head restraint, adjust the height of the rear head restraint or remove it for fitting the child restraint, as necessary. However, if a booster cushion not equipped with the seatback is fitted, the 2nd row seat head restraint should not be removed. If the rear head restraint is removed for fitting the child restraint, you need to install it again after removing the child restraint.

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

### NOTE:

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

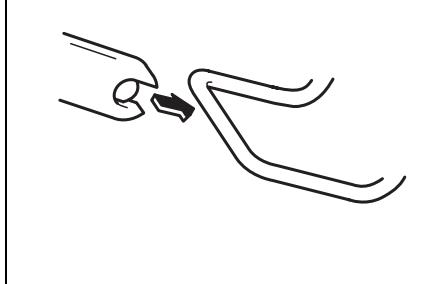
### EXAMPLE



78F114

- 1) Place the child restraint in the 2nd row seat, inserting the connecting bars to the anchorages between the seat cushion and the seatback.

### EXAMPLE

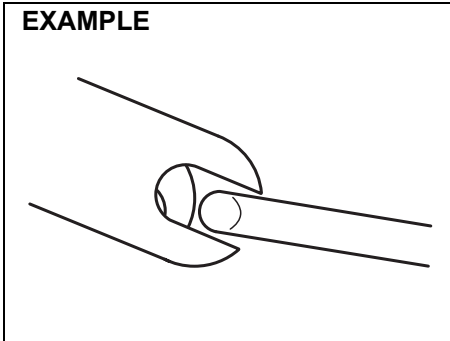


68LM268

## FOR SAFE DRIVING

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

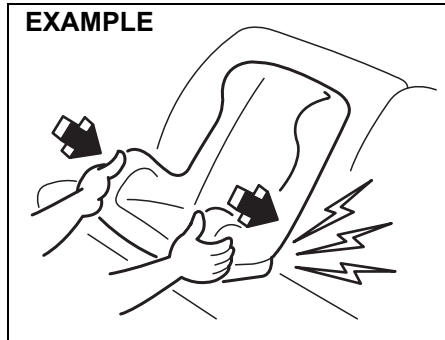
### EXAMPLE



54G184

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

### EXAMPLE



54G185

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

### NOTICE

When installing a child restraint system to the 2nd row seat, slide the seat installed the child restraint system as far back as possible.

## Installation of child restraint with top tether

### CAUTION

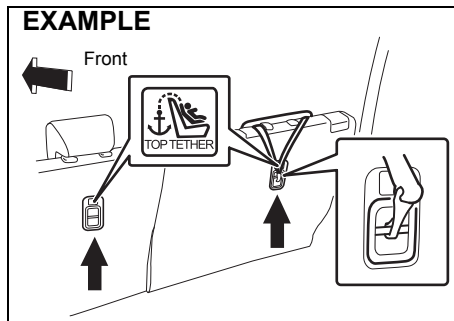
If your vehicle is equipped with the rear head restraint, adjust the height of the rear head restraint or remove it for fitting the child restraint, as necessary. However, if a booster cushion not equipped with the seatback is fitted, the 2nd row seat head restraint should not be removed. If the rear head restraint is removed for fitting the child restraint, you need to install it again after removing the child restraint.

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

### NOTE:

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

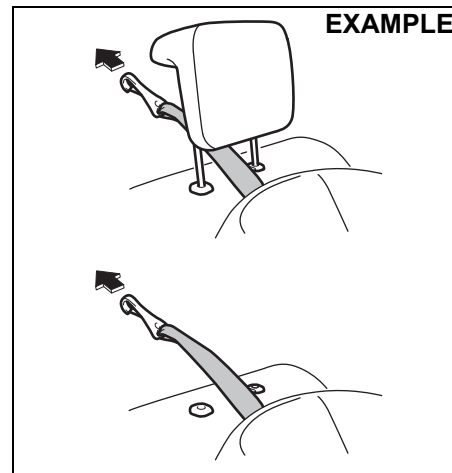
## FOR SAFE DRIVING



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

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

- 1) Secure the child restraint on the 2nd row seat using the procedure described above for securing a restraint system that does not require a top tether strap.
- 2) Hook the top tether strap to the top tether anchorage bracket and tighten the top tether strap according to the instructions provided by the child restraint system manufacturer. Attach the top tether strap to the corresponding top tether anchorage bracket located directly behind the child restraint.



- 3) When routing the top tether strap, pass the top tether strap as shown in the illustration. (Refer to "Head restraints" section for details on how to adjust the height of head restraint or remove it.)
- 4) Check that cargo does not interfere with routing of the top tether strap.

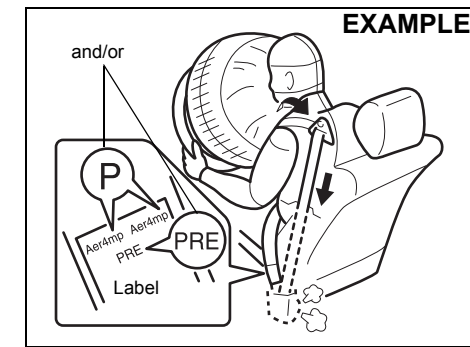
### NOTICE

**When installing a child restraint system to the 2nd row seat, adjust the front seat position so that the front seat does not interfere with the child restraint system.**

### NOTE:

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

### Seat belt pretensioner system



### ⚠ WARNING

**This section describes your MARUTI SUZUKI vehicle's seat belt pretensioner system. Read and follow all these instructions carefully to minimize your risk of severe injury or death.**

## FOR SAFE DRIVING

To determine if your vehicle is equipped with a seat belt pretensioner system at the front seating positions, check the label on the 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 “Supplemental restraint system (airbags)” section to learn more about the pretensioner system.

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

The pretensioner is located in each front seat belt retractor. The pretensioner tightens the seat belt so the belt fits the occupant's body more snugly in the event of a frontal collision. The retractors will remain locked after the pretensioners are activated. Upon activation, some noise will occur and some smoke may be released.

These conditions are not harmful and do not indicate a fire in the vehicle.

The driver and all passengers must be properly restrained by fastening 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 collision.

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 “Seat adjustment” section and the instructions and precautions about the seat belts in this “Seat belts and child restraint systems” section for details on proper seat and seat belt adjustments.

Please note that the pretensioners along with the airbags will activate in severe frontal collisions. They are not designed to activate in rear impacts, roll-overs, or minor frontal collisions. The pretensioners can be activated only once. If the pretensioners are activated (that is, if the airbags are activated), have the pretensioner system serviced by a Maruti Suzuki authorised workshop as soon as possible.

If AIRBAG light on the instrument cluster does not blink or come on briefly when the ignition switch is turned “ON” or pushed to “ON” mode, stays on for more than 10 seconds, or comes on while driving, the pretensioner system or the airbag system may not work properly. Have both systems inspected by a Maruti Suzuki authorised workshop as soon as possible.

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

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

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 vehicle, ask a Maruti Suzuki authorised workshop, body repair shop, or scrap yard for assistance.



## Supplemental Restraint System (airbags)

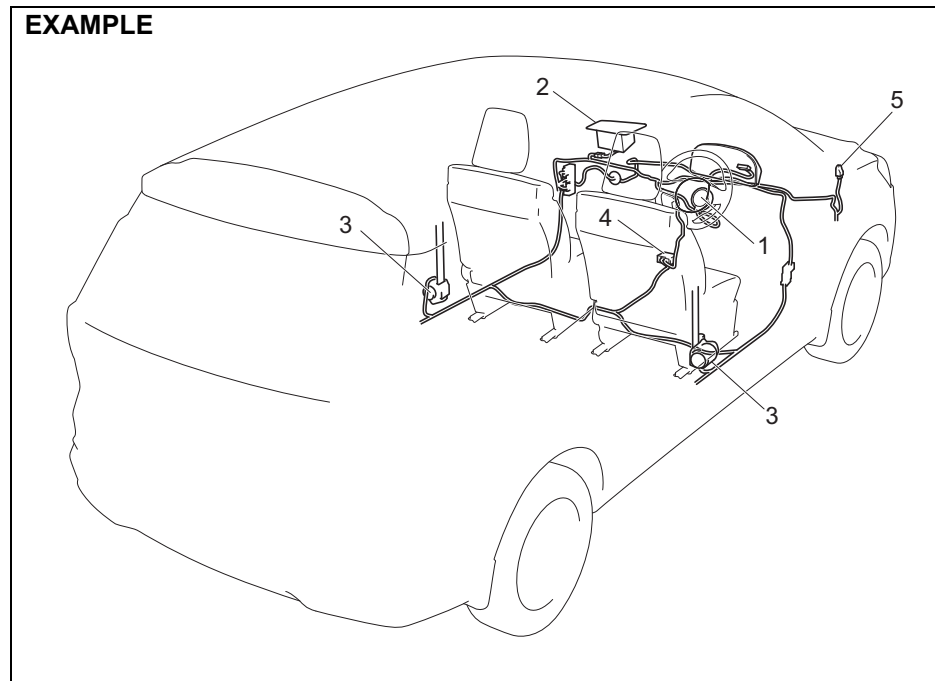
### ⚠ WARNING

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

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

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

### EXAMPLE



73R0044

## FOR SAFE DRIVING

### ⚠ WARNING

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

### AIRBAG light

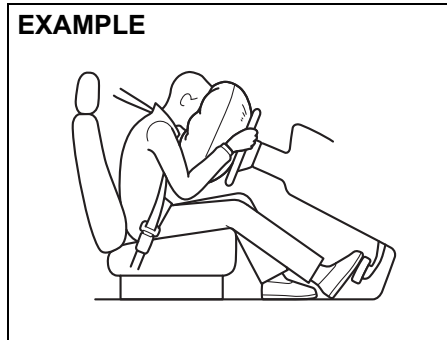


63J030

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

### Front Airbags

#### EXAMPLE



63J259

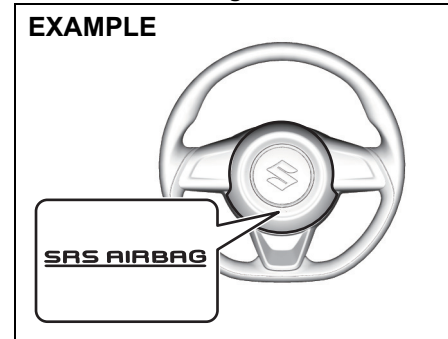
Front airbag is designed to inflate in severe frontal collisions when the ignition switch is in "ON" position.

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

Therefore, an airbag is not a substitute for seat belts. To maximize your protection, always fasten your seat belts. Be aware that no system can prevent all possible injuries that may occur in an accident.

### Driver's front airbag

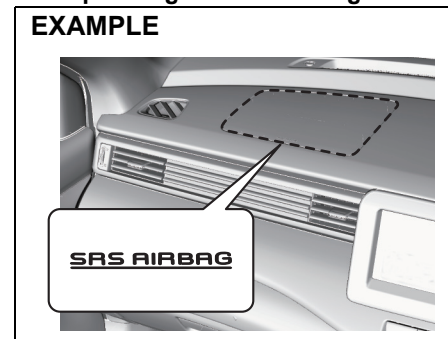
#### EXAMPLE



73R0009

### Front passenger's front airbag

#### EXAMPLE



72R0143

## FOR SAFE DRIVING

The driver's front airbag is located behind the center pad of the steering wheel and the front passenger's front airbag is located behind the passenger's side of the dashboard. The words "SRS AIRBAG" are molded into the airbag covers to identify the location of the airbags.

### EXAMPLE



61M0241

### ⚠ WARNING

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

### ⚠ WARNING

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

Refer to "Seat belts and child restraint systems" section for details on securing your child.

### Conditions of front airbags deployment (inflation)

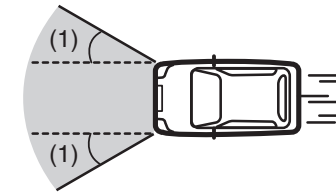
#### EXAMPLE



80J097

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

#### EXAMPLE



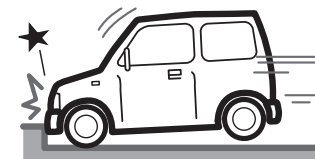
80J098E

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

### Conditions of front airbags may inflate

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

#### EXAMPLE

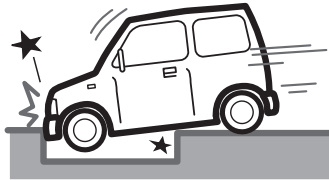


80J099

- Hitting a curb or medial strip

## FOR SAFE DRIVING

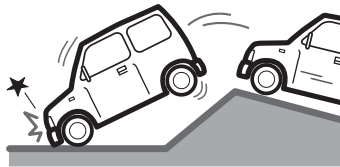
### EXAMPLE



80J100E

- Falling into a deep hole or ditch

### EXAMPLE



80J101

- Landing hard or falling

### Front airbags may not inflate

The front airbags may not inflate when a strong impact has not occurred since the collision object was easy to be deformed or moved, or the collided portion of your vehicle was easy to be deformed. Also, front airbags may not inflate in many cases when the collision angle is greater than about 30 degrees at left and right angles from the front of your vehicle.

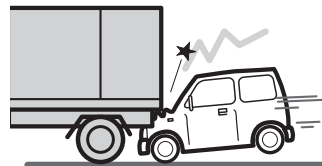
### EXAMPLE



80J102

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

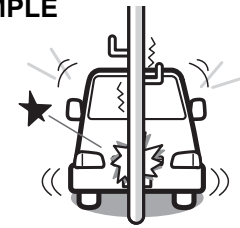
### EXAMPLE



80J103

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

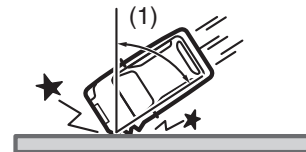
### EXAMPLE



80J104

- Collision with a utility pole or stumpage

### EXAMPLE

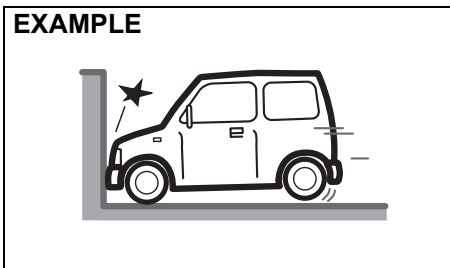


80J105E

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

## FOR SAFE DRIVING

### EXAMPLE



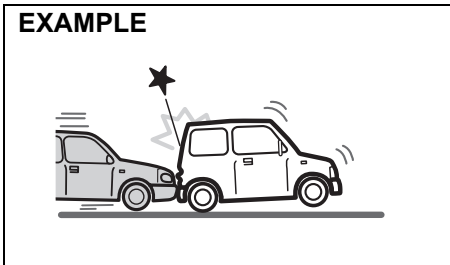
80J106

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

### Front airbags do not inflate

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

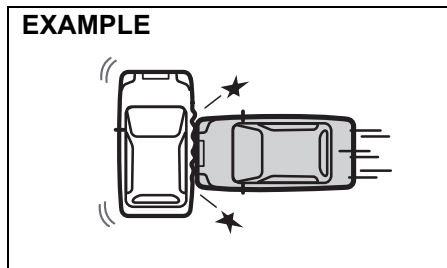
### EXAMPLE



80J120

- Impact from the rear

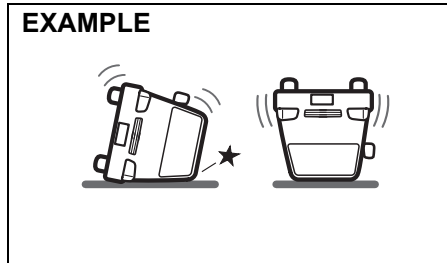
### EXAMPLE



80J119

- Impact from the side

### EXAMPLE



80J110

- Vehicle rollover

### Airbag symbol meaning

#### EXAMPLE



72M00150

You may find this label on the sun visor.

### ⚠ WARNING

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

### ⚠ WARNING

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

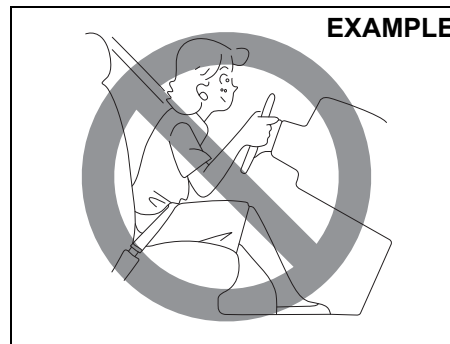
## FOR SAFE DRIVING

### How the System Works

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

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

A seat belt helps keep you in the proper position for maximum protection when an airbag inflates. Adjust your seat as far back as possible while still maintaining control of the vehicle. Sit fully back in your seat; sit up straight; do not lean over the steering wheel or dashboard. 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.



65D610S

### ⚠ WARNING

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

## FOR SAFE DRIVING

### WARNING

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

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

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

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

### Servicing the airbag system

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

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

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

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

To prevent damage or unintended inflation of the airbag system, be sure the lead-acid 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

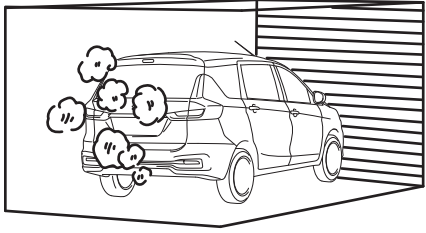
SUZUKI. Do not touch airbag system components or wires. The wires are wrapped with yellow tape or yellow tubing, and the couplers are yellow for easy identification.

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

## FOR SAFE DRIVING

### Exhaust Gas Warning

#### EXAMPLE



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)

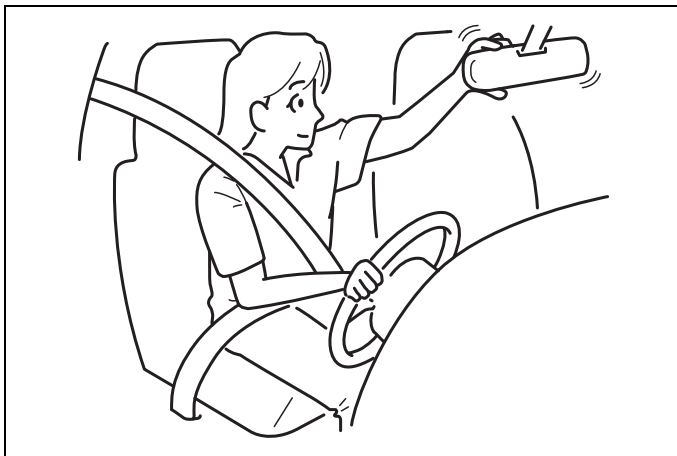
#### ⚠ WARNING

(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.



## BEFORE DRIVING



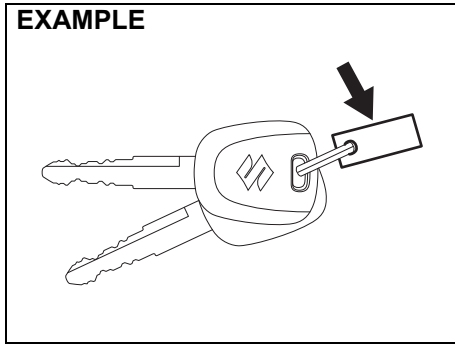
60G404

Keys .....	2-1
Door Locks .....	2-2
Keyless entry system transmitter .....	2-5
Security System .....	2-8
Theft deterrent light .....	2-10
Windows .....	2-10
Mirrors .....	2-11
Instrument Cluster .....	2-13
Speedometer .....	2-14
Tachometer .....	2-14
Fuel gauge .....	2-14
Temperature Gauge .....	2-15
Brightness Control .....	2-15
Information Display .....	2-16
Warning and Indicator Lights .....	2-32
Lighting Control Lever .....	2-37
Headlight Leveling Switch .....	2-38
Turn Signal Control Lever .....	2-39
Hazard Warning Switch .....	2-40
Windshield Wiper and Washer Lever .....	2-40
Tilt Steering Lock Lever .....	2-42
Horn .....	2-42
Vehicle Loading .....	2-42
Trailer Towing your vehicle .....	2-43

## BEFORE DRIVING

### Keys

#### EXAMPLE



73R0130

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.

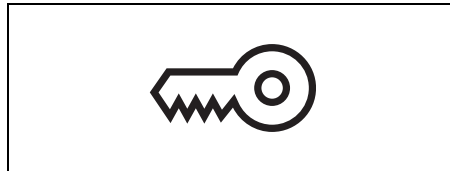
The key identification number is stamped on a metal tag provided with the keys or on the keys. Keep the tag (if equipped) in a safe place. If you lose your keys, you will need this number to have new keys made. Write the number below for your future reference.

KEY NUMBER:

### Immobilizer System

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

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



80JM122

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

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

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

#### NOTE:

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

#### NOTICE

**The immobilizer key and remote controller are sensitive electronic instruments.**

**To avoid damaging them:**

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

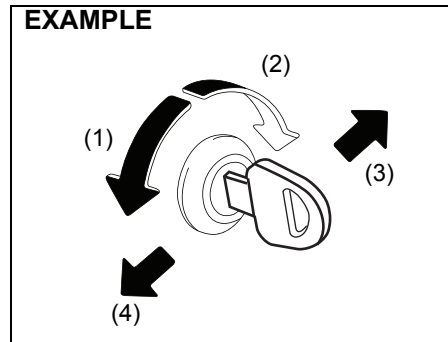
**NOTICE**

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

This immobilizer system is maintenance-free.

**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****EXAMPLE**

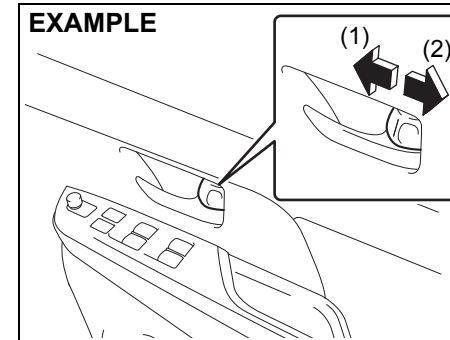
60B008

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

To lock a front door from outside the vehicle:

- Insert the key and turn the top of the key toward the front of the vehicle, or
- Turn the 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 rear of the vehicle.

**EXAMPLE**

73R0001

- (1) LOCK
- (2) UNLOCK

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

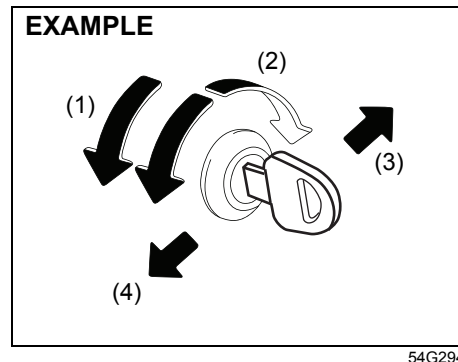
To lock a rear door from outside the vehicle, turn the lock knob forward and close the door. You do not need to pull and hold the door handle as you close the door.

**NOTE:**

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

## BEFORE DRIVING

### Central Door Locking System



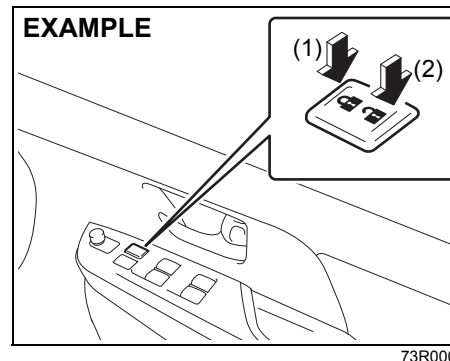
- (1) UNLOCK
- (2) LOCK
- (3) Front
- (4) Rear

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

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

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

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



- (1) LOCK
- (2) UNLOCK

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

#### NOTE:

- You can also lock or unlock all doors by operating the transmitter or remote controller. Refer to "Keyless entry system transmitter" in this section.

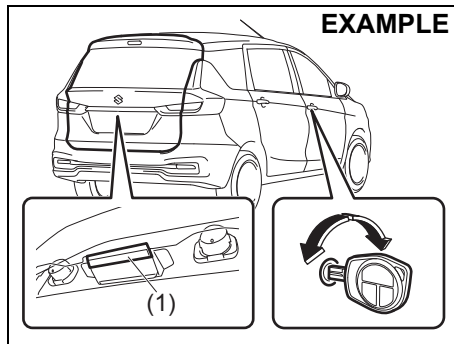
#### NOTE:

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

## 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.



73R0019

(1) Tailgate handle

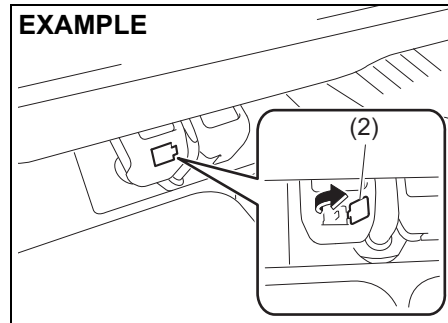
You can lock and unlock the tailgate by using the key in the driver's door lock.

To open the tailgate, pull up the tailgate handle (1) and lift the tailgate.

If you cannot unlock the tailgate by using the key in the driver's door lock due to a

discharged lead-acid battery or malfunction, follow the procedure below to unlatch the tailgate from inside the vehicle.

- 1) Fold the rear seat forward for easier access. Refer to "Folding rear seats" section for details on how to fold the rear seat forward.

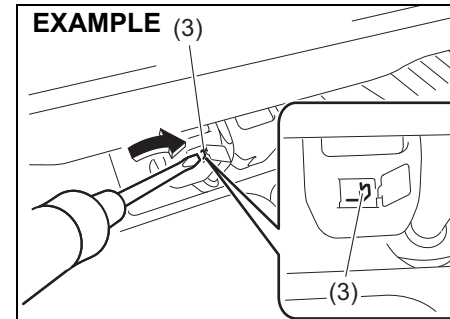
**EXAMPLE**

73R0020

- 2) Open the cover (2) in the lock mechanism of the tailgate.

**NOTE:**

*Be careful not to lose the cover (2) because it is small and detachable.*

**EXAMPLE (3)**

73R0021

- 3) Move the lever (3) in arrow direction by using a flat-bladed screwdriver to unlock the tailgate.
- 4) Push open the tailgate from inside. The tailgate will be latched again by simply closing the tailgate.

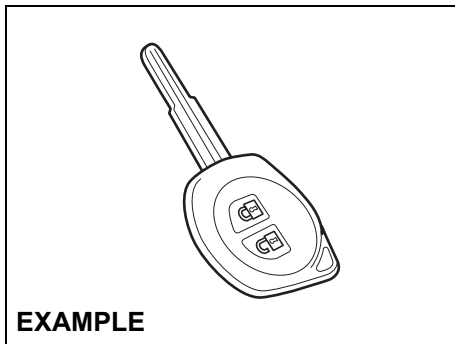
If the tailgate cannot be unlatched by pushing the unlatch switch (1), have the vehicle inspected by a Maruti Suzuki authorised workshop.

**⚠ CAUTION**

**Check that there is no one near the tailgate when pushing open the tailgate from inside the vehicle.**

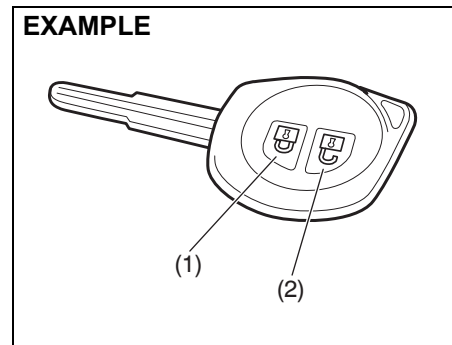
## BEFORE DRIVING

### Keyless entry system transmitter



Your vehicle is equipped with either a keyless entry system transmitter. For details, refer to the following explanations.

### Keyless Entry System Transmitter



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

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

### Central door locking system

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

#### NOTE:

You can switch the function that unlocks all doors from requiring two pushes to requiring one push, and vice versa, via the information display setting mode. For details on how to use the information display, refer to "Information display" in this section.

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

When the doors are unlocked:

- The turn signal lights will flash twice and the siren will sound twice when unlocked.
- If the interior light switch is in the "DOOR" position, the interior light will turn on for 15 seconds and then fade out. If you insert the key into the ignition switch during this time, the light will start to fade out immediately.

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

## BEFORE DRIVING

### NOTE:

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

### NOTE:

- If the security system was triggered due to an unauthorized entry into the vehicle and then you unlock the doors using the transmitter, the siren will sound 4 times to remind you. If this happens, check whether your vehicle has been broken into while you were away from it.
- Once you push both of the LOCK button (1) and UNLOCK button (2), then you push one of the buttons within 5 seconds, the siren will not sound.

### NOTE:

- The maximum operating distance of the keyless entry system transmitter is about 5 m (16 ft.), but this can vary depending on the surroundings, especially near other transmitting devices such as radio towers or CB (Citizen's Band) radios.
- The door locks cannot be operated with the transmitter, if the ignition key is inserted in the ignition switch.
- When any door is open, the door locks can be operated only unlock with the transmitter.
- If you lose one of the transmitters, ask a Maruti Suzuki authorised workshop as soon as possible for a replacement. Be sure to have your dealer program the

new transmitter code in your vehicle's memory so that the old code is erased.

### NOTICE

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

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

### Car locator alarm function

This function is to get the attention of others. Push both of the LOCK button (1) and UNLOCK button (2) for more than 3 seconds. The turn signal lights will blink for about 27.5 seconds. Also, the siren will sound for about 27.5 seconds at the same time. To cancel the car locator alarm, press any button (LOCK or UNLOCK). You can also cancel the car locator alarm by turning the ignition switch to "ON" position.

### NOTE:

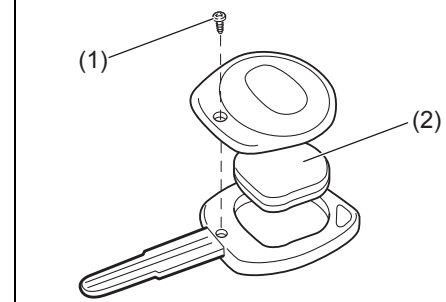
The car locator alarm function will not activate when the key is in the ignition switch.

### Battery replacement

If the transmitter becomes unreliable, replace the battery.

To replace the battery of the transmitter:

### EXAMPLE

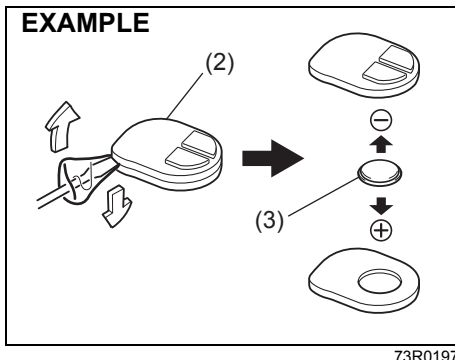


68LM248

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

## BEFORE DRIVING

### EXAMPLE



(3) Button type lithium battery:  
CR1616 or equivalent

- 3) Put the edge of a flat blade screwdriver covered with a soft cloth in the slot of the transmitter (2) and pry it open.
- 4) Replace the battery (3) so its + terminal faces the "+" mark of the transmitter.
- 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.
- 8) Dispose of the used battery properly according to applicable rules or regulations. Do not dispose of lithium batteries as ordinary household trash.

### ⚠ WARNING

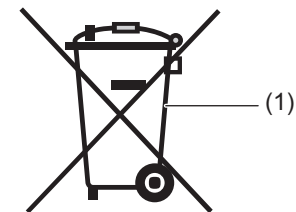
Swallowing a lithium battery may cause serious internal injury. Do not allow anyone to swallow a lithium battery. Keep lithium batteries away from children and pets. If swallowed, contact a physician immediately.

### NOTICE

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

#### NOTE:

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



### EXAMPLE

(1) Crossed-out wheeled bin symbol

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

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



## Security System

The security system sets after you close the all doors, engine hood.

For the system to armed, you must lock the all doors with the keyless entry system transmitter.

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

\* These means include the following:

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

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

### NOTE:

- The default setting of the shock sensor is in the disabled state. Set to the enabled state and adjust sensitivity of each warning according to your preference. For details on how to use the information display, refer to "Information display" in this section.
- Your dealer may have already set the shock sensor of the vehicle to the enabled state before you purchase it. Consult your dealer for further information.

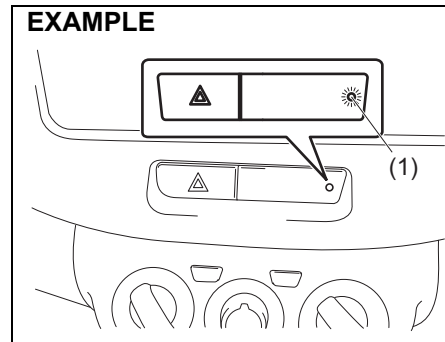
### NOTE:

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

## How to arm the security system

With the all door (including engine hood and tailgate) closed, use the keyless entry system transmitter to lock all the doors. The security system will be armed.

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



73R0025

### NOTE:

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

## BEFORE DRIVING

- If any door is not operated within approximately 30 seconds after the doors have been unlocked using the keyless entry system transmitter, the doors are automatically locked again. When the doors are locked, the security system will be armed if the system is in the enabled state.

### How to disarm the security system

Simply unlock the doors using the keyless entry system transmitter. The security system indicator light will go out, indicating that the security system is disarmed.

### How to stop the alarm

Should the alarm be triggered accidentally, unlock the doors using the keyless entry system transmitter, or turn the ignition switch to "ON" position. The alarm will then stop.

#### NOTE:

- Even after the alarm has stopped, if you lock the doors using the security system will be rearmed.
- If you disconnect the lead-acid battery while the security system is in the armed condition or the alarm is actually in operation, the alarm will be triggered or re-triggered when the lead-acid battery is then reconnected, although, in the latter case, the alarm remains stopped for the period between disconnection and reconnection of the lead-acid battery.

- Even after the alarm has stopped at the end of the predetermined operation time, it will be triggered again if any of the doors, tailgate or engine hood is opened, or the vehicle feels a shock (if the shock sensor is in the enabled state), without disarming the security system.

### Checking whether the alarm has been triggered during parking

If the alarm was triggered due to an unauthorized entry into the vehicle and you turn the ignition switch to ON position, the security system indicator light will blink rapidly for about 8 seconds and a buzzer will beep 4 times during this period. If this happens, check whether your vehicle has been broken into while you were away from it.

### Security system indication

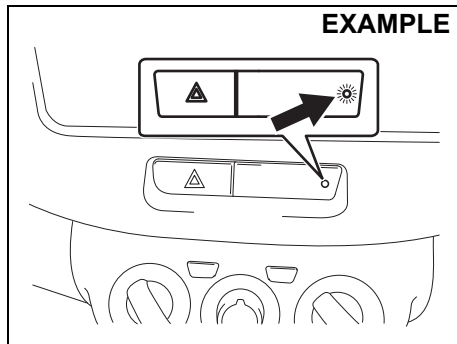
- If any of the doors or tailgate are opened without unlocking by the keyless entry system transmitter, all turn signal lights start to blink and the interior buzzer beeps intermittently. After 5 seconds, the siren will sound for about 27.5 seconds. The security system indicator continues to blink during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

#### NOTE:

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

## BEFORE DRIVING

### Theft deterrent light



73R0178

This light will blink with the ignition switch in LOCK or ACC position. The blinking light is intended to deter theft by leading others to believe that the vehicle is equipped with a security system.

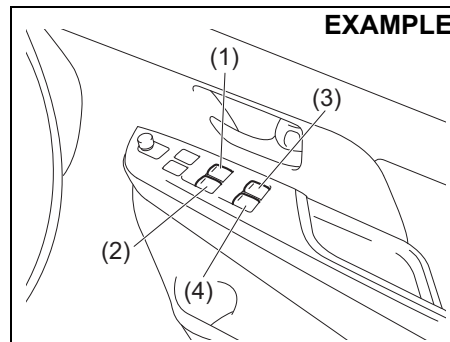
**NOTE:**  
For the security system, refer to "Security System (if equipped)" in this section.

### Windows

#### Power Window Controls

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

#### Driver's side

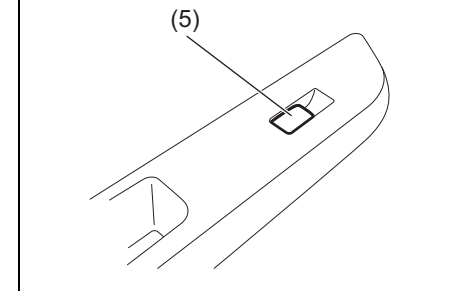


73R0004

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 right and left passenger windows, respectively.

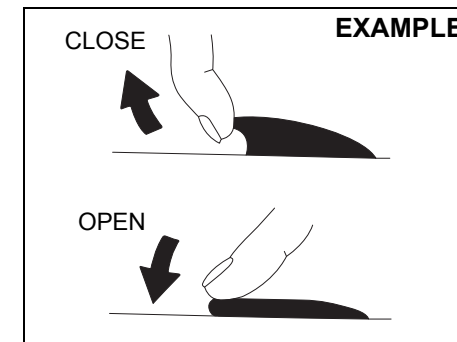
#### Passenger's door / rear door

#### EXAMPLE



74LHT0205

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



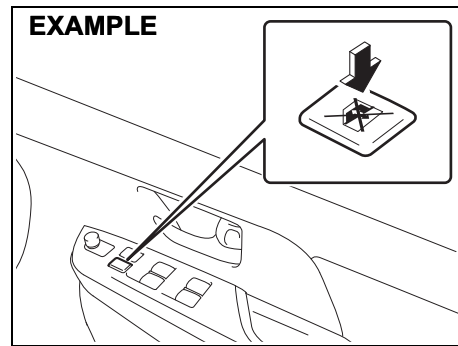
81A009

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

## BEFORE DRIVING

The driver's window has AUTO-DOWN features for greater convenience (at toll booths or drive-through restaurants, for example). These features allow the driver to open the window without holding the window switch in DOWN position. Press down the driver's window switch completely and release it. To stop the window before it reaches the FULL-DOWN position, pull up the switch briefly.

### Lock switch



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, check that no part of the occupant's body such as hands or head is in the path of the power windows when closing them.
- Always remove the ignition key and take with you when leaving the vehicle even only for a short time. Also do not leave children alone in a parked vehicle. Unattended children could use the power window switches and get trapped by the window.

#### NOTE:

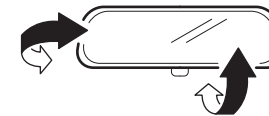
*If you drive with one of the rear windows open, you may hear a loud sound caused by air vibration. To reduce the sound, open the driver's or front passenger's window, or narrow the rear window opening.*

## Mirrors

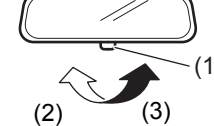
### Inside Rearview Mirror

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

#### EXAMPLE



#### EXAMPLE



- (2) Day driving
- (3) Night driving

To adjust the mirror, set the selector tab (1) to the day position, and 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**

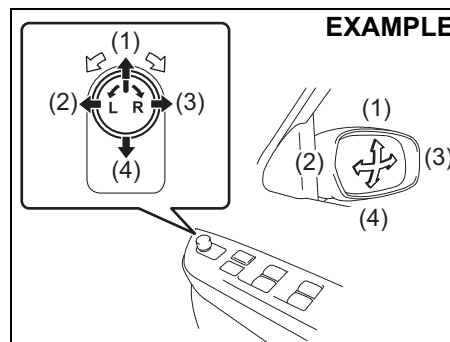
- Always adjust the mirror with the selector set to the day position.
- Only use the night position if it is necessary to reduce glare from the headlights of vehicles behind you. Be aware that in this position you may not be able to see some objects that could be seen in the day position.

**Outside Rearview Mirrors**

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

**⚠ WARNING**

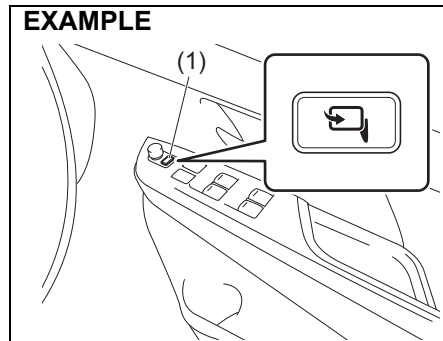
Be careful when judging the size or distance of a vehicle or other object seen in the side convex mirror. Be aware that objects look smaller and appear farther away than when seen in a flat mirror.



73R0030

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 "ACC" or "ON" position. To adjust the mirrors:

- 1) Rotate the selector switch to the left or right to select the mirror you wish to adjust.
- 2) Push the side of the switch to the direction in which you wish to move the mirror.
- 3) Return the selector switch to the center position to prevent unintended mirror movement.

**Outside Rearview Mirrors Folding Switch**

73R0031

You can fold the mirrors when you park the vehicle in a narrow space. When the ignition switch is in the ACC or ON position, push the folding switch (1) to fold and unfold the mirrors.

Make sure the mirrors are completely unfolded before you start driving.

**⚠ CAUTION**

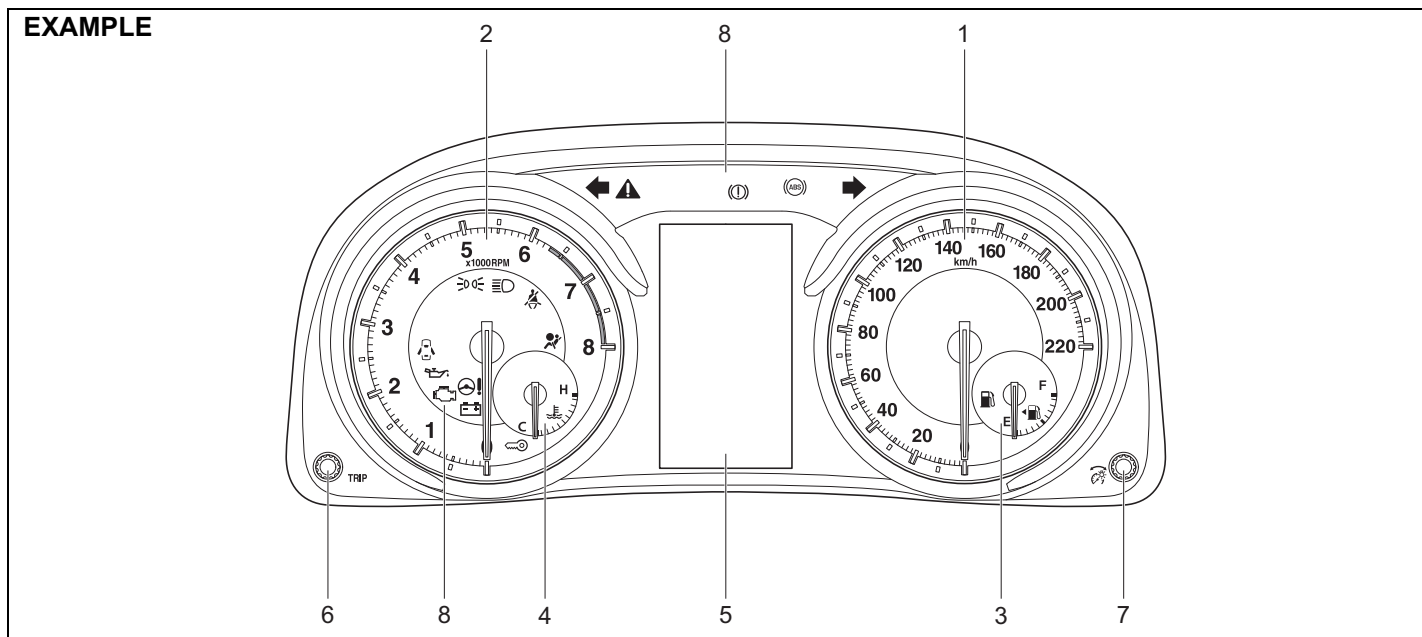
Moving mirrors can pinch and injure a hand. Do not allow any one's hand to get near the mirrors when folding and unfolding the mirrors.

## BEFORE DRIVING

### Instrument Cluster

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

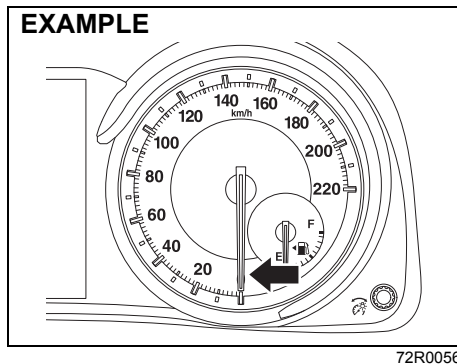
#### EXAMPLE



72RM02009

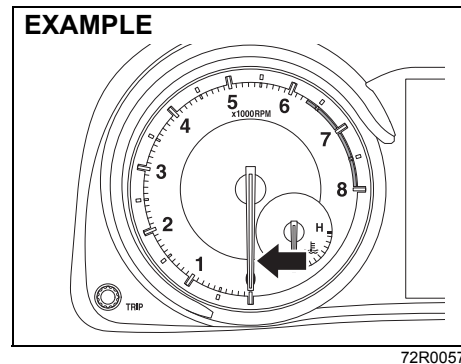
## BEFORE DRIVING

### Speedometer



The speedometer indicates vehicle speed in km/h.

### Tachometer

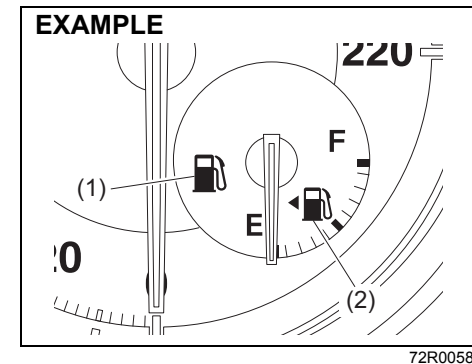


The tachometer indicates engine speed in revolutions per minute.

#### NOTICE

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

### Fuel gauge



When the ignition switch is in “ON” position, this gauge gives a rough indication of the amount of fuel in the fuel tank. “F” stands for full and “E” stands for empty.

If the indicator approaches a low level (near “E”) on fuel gauge, 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.*

## BEFORE DRIVING

If the low fuel warning light (1) comes on, refill the fuel tank as soon as possible.

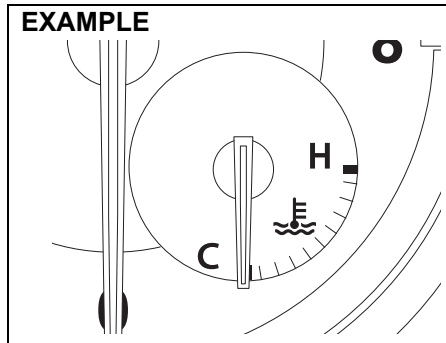
### NOTE:

*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 movement in the tank.*

Refer to "Low fuel warning light" in "Warning and indicator lights" in this section for details.

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

## Temperature Gauge

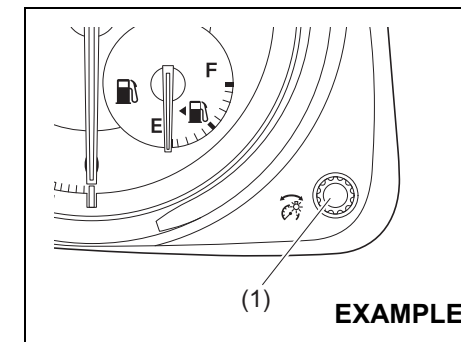
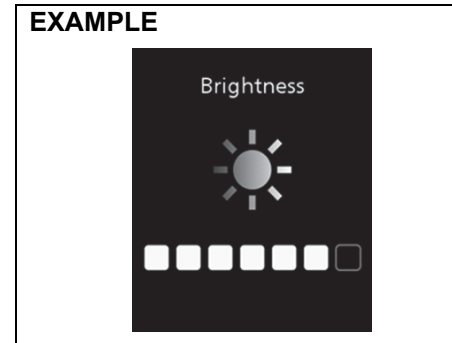


When the ignition switch is in "ON" position, this gauge indicates the engine coolant temperature. Under normal driving conditions, the indicator should stay within the normal, acceptable temperature range between "H" and "C". If the indicator approaches "H", overheating is indicated. Follow the instructions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

### NOTICE

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

## Brightness Control





## BEFORE DRIVING

When the ignition switch is turned “ON” or pushed to “ON” mode, the instrument panel lights come on.

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

You can adjust the meter illumination brightness regardless of whether the position lights or headlights are off or on.

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.

### WARNING

**Do not adjust the brightness of the instrument panel lights while driving. Otherwise, you could lose control of the vehicle.**

#### NOTE:

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

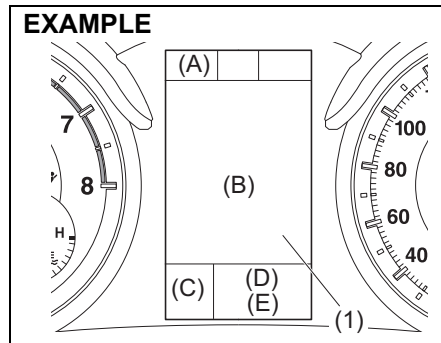
#### NOTE:

*If you adjust to the maximum brightness level when the position lights or headlights are on, the following functions will be canceled.*

- The function which automatically dims the brightness of instrument panel lights.
- The function which operates with the brightness control, except maximum brightness level.

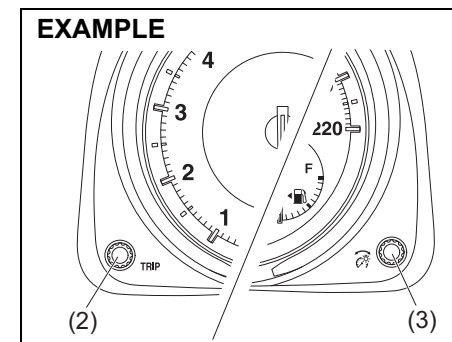
## Information Display

The information display is shown when the ignition switch is in “ON” position.



72RM02011

(1) Information display



72R0062

## BEFORE DRIVING

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

The information display shows the following information.

**Display (A)**  
Clock

**Display (B)**  
Fuel consumption / Driving range / Average speed / Driving time / Clock and date / Motion (if equipped) / Torque and power / Accelerator and brake (if equipped)

**Display (C)**  
Gearshift indicator

**Display (D)**  
Trip meter

**Display (E)**  
Odometer

### EXAMPLE



72R0135

When the ignition switch is turned “ON” or pushed to “ON” mode, the message shown in the above illustration will appear on the display for several seconds.

Some warning and indicator messages may appear on the display when the ignition switch is in “ACC” or “LOCK” position.

### Clock

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

To set the clock, follow “Setting mode” instructions 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.**

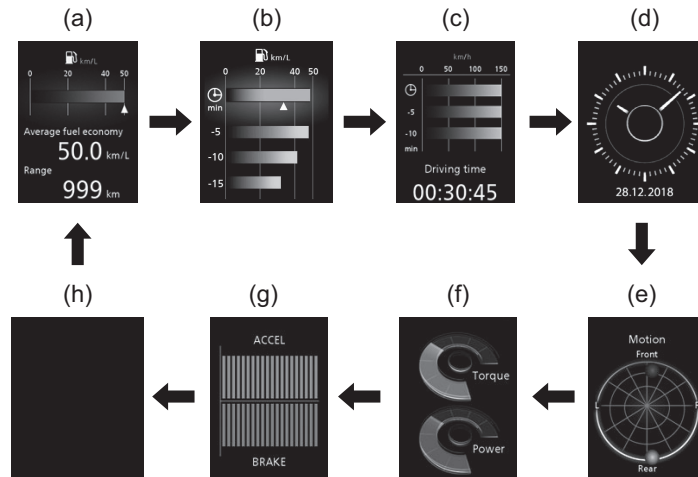
## BEFORE DRIVING

**Fuel Consumption / Driving Range /  
Average Speed / Driving Time /  
Clock and Date / Motion (if  
equipped) / Torque and Power /  
Accelerator and Brake (if equipped)**

When there are no warning or indicator messages on the display (B), you can select one of the following indications to appear on the display: instantaneous fuel consumption, average fuel consumption, driving range, average speed, driving time, clock and date, motion (if equipped), torque and power, accelerator and brake (if equipped) or no indication.

## BEFORE DRIVING

### EXAMPLE



72RM02010

- (a) Instantaneous fuel consumption / Average fuel consumption / Driving range
- (b) Instantaneous fuel consumption / Average fuel consumption / 5-minute average fuel consumption
- (c) Average speed / 5-minute average speed / Driving time
- (d) Clock and date
- (e) Motion (if equipped)
- (f) Torque and power
- (g) Accelerator and brake (if equipped)
- (h) No indication

To switch the display indication, push the indicator selector knob (3) quickly.

### NOTE:

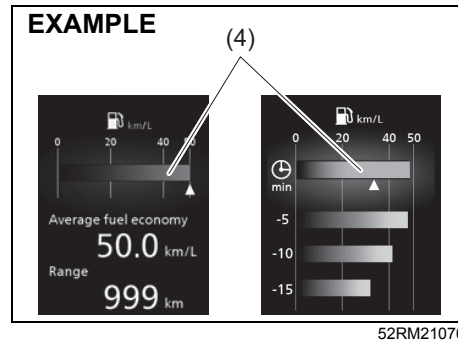
The value of instantaneous fuel consumption, average fuel consumption, driving range, average speed, motion (if equipped), torque and power and accelerator and brake (if equipped) shown on the display are affected by the following conditions;

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

## BEFORE DRIVING

### Instantaneous fuel consumption

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



(4) Instantaneous fuel consumption

#### NOTE:

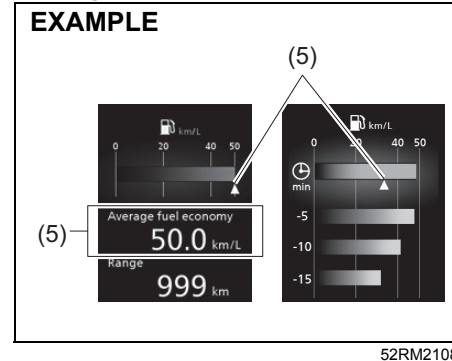
- The display does not show the bar graph unless the vehicle is moving.
- Depending on the vehicle's specification, the fuel consumption units of initial setting are indicated as L/100km, km/L, MPG (UK).
- The indicated maximum value of instantaneous fuel consumption is one of the followings. No more than the maximum value will be indicated on the display even if the actual instantaneous fuel consumption is higher.
  - For L/100km setting: 30
  - For km/L setting: 50
  - For MPG (UK) setting: 80

- The indication on the display may be delayed if fuel consumption is greatly affected by driving conditions.
- The display shows estimated values. Indications may not be the same as actual values.

### Average fuel consumption / 5-minute average fuel consumption / 1-driving cycle average fuel consumption

Average fuel consumption from previous reset and 5-minute average fuel consumption, and 1-driving cycle average fuel consumption are shown.

#### (Average fuel consumption)



(5) 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 "ON" or pushed to "ON" mode. Unless you reset the value of average fuel consumption, the display indicates the value of average fuel consumption based on the average fuel consumption during previous driving.

#### NOTE:

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

You can select the timing to reset the value of average fuel consumption by one of the following three methods;

- Reset after refuel: the value of average fuel consumption will be reset automatically by refueling.
- Reset with trip meter A: the value of average fuel consumption will be reset automatically by resetting trip meter A.
- Reset manually: the value of average fuel consumption will be reset by pushing and holding the indicator selector knob (3) when the display indicates the average fuel consumption.

To change the timing to reset the value of average fuel consumption, refer to "Setting mode" in this section.

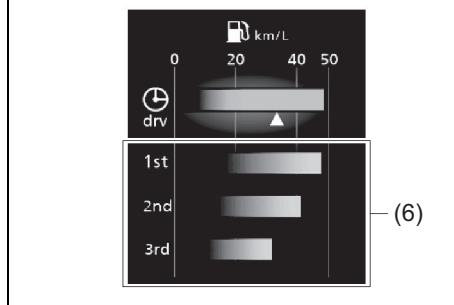
## BEFORE DRIVING

### NOTE:

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

### (5-minute average fuel consumption)

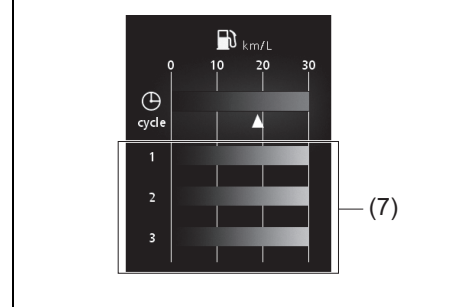
#### EXAMPLE



(6) 5-minute average fuel consumption

### (1-driving cycle average fuel consumption)

#### EXAMPLE

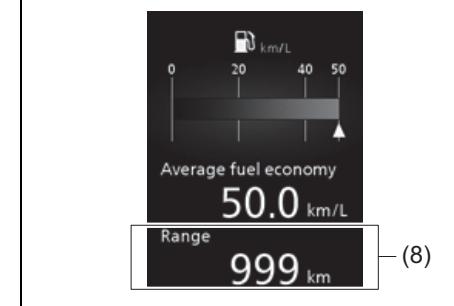


(7) 1-driving cycle average fuel consumption

You can check transition of average fuel consumption every 5 minutes from 15 minutes before up to now. Also, you can check transition of average fuel consumption the past 3 driving cycles. Time indication and driving cycle indication can be changed. For details, refer to "Setting mode" in this section.

### Driving range

#### EXAMPLE



(8) 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 "ON" or pushed to "ON" mode.

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.

When you refuel, the driving range is updated. However, if you only add a small

## BEFORE DRIVING

amount of fuel, the correct value will not be displayed.

### NOTE:

- If you refuel when the ignition switch is in "ON" position, the driving range may not indicate the correct value.
- When you reconnect the negative (–) terminal to the lead-acid battery, the value of driving range will be shown after driving for a period of time.

### Average speed / 5-minute average speed

Average speed from previous reset and 5-minute average speed are shown.

#### (Average speed)

##### EXAMPLE



52RM21100

(9) Average speed

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

To reset the value of average speed, push and hold the indicator selector knob (3) for about 2 seconds when the display indicates an average speed. The display shows "---" and then indicates a new average speed after driving for a short time.

### NOTE:

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

#### (5-minute average speed)

##### EXAMPLE



52RM21110

(10) 5-minute average speed

You can check transition of 5-minute average speed every 5 minutes from 10 minutes before up to now.

## BEFORE DRIVING

### Driving time

#### EXAMPLE



(11) Driving time

Driving time from previous reset is shown. To reset the driving time, push and hold the indicator selector knob (3) for about 2 seconds when the display indicates a driving time. The display shows “---” and then indicates a new driving time after driving for a short time.

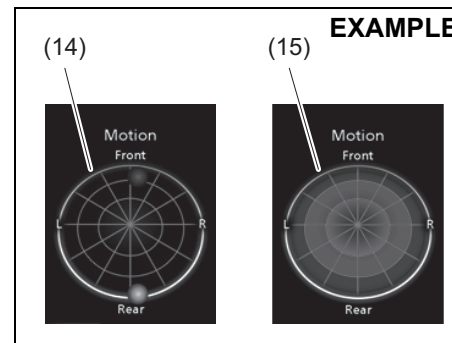
#### NOTE:

- Disconnection of the lead-acid battery negative (-) terminal will reset the indication of the driving time.
- The indicated maximum value of driving time is 99:59:59. No more than this value will be indicated on the display until you reset the driving time.

### Clock and date

Date and time are shown. For the setting procedure, refer to “Setting mode” in this section.

### Motion



The meter indication is different depending on whether the vehicle is stopped or running.

When driving, real time movement of imaginal G position (center of gravity) is displayed on the globe (14), which is resultant with inertia force.

When stopped, historical data of imaginal G positions applied to the vehicle body during the driving is shown as a graph (15).

G position history graph when the vehicle stopped can be changed to indicate or

hide. For details, refer to “Setting mode” in this section.

#### WARNING

**Do not look in the display intensively while driving. Doing so may result in an accident.**

#### NOTE:

- If G position history graph at the vehicle stopped has been set in indication mode, the graph (15) is shown for several seconds when you turn the ignition switch to “LOCK” position after driving.
- The graph is shown approximately and the actual movement may differ.

### Torque and power

Present engine torque and power are shown.

### Accelerator and brake

Present accelerator pedal depressing degree and brake line pressure are shown. The display is selectable to indicate or not to indicate. For details, refer to “Setting mode” in this section.

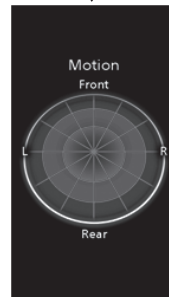
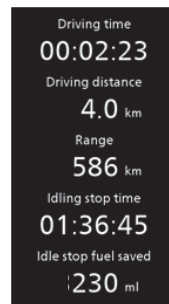


## BEFORE DRIVING

### Information shown after driving

When you turn the ignition switch to LOCK position, the following information appears for several seconds on the information display.

#### EXAMPLE



52RM21140

### Gearshift Indicator

#### EXAMPLE



52RM242

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

### Trip meter

The display (D) shows the trip meter.

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

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

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

### Odometer

The display (E) shows the odometer.

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

#### NOTICE

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

### Setting Mode

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

- To select the setting item that you want to change, turn the indicator selector knob (3) left or right.
- To change the setting, push the indicator selector knob (3).
- To exit the setting mode, select “Back” and push the indicator selector knob (3).

## BEFORE DRIVING

### EXAMPLE



72R0142

#### NOTE:

The currently selected setting item is surrounded by a frame.

#### NOTE:

- If you push and hold the indicator selector knob (3) to enter into the setting mode when the display (B) shows average fuel consumption, average speed, driving time, the value will be reset simultaneously. If you do not want to reset the value, push the indicator selector knob quickly to switch the indication of the display.
- If you turn the ignition switch, press the engine switch or start to move the vehicle when the display is in the setting mode, the setting mode will be canceled automatically.

#### Distance unit

##### (Odometer / trip meter / driving range / average speed distance unit setting)

You can change the units in which odometer / trip meter / driving range / average speed distance is displayed.

#### Fuel economy

##### (Fuel consumption unit setting)

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

#### Language

You can change the language of the information display.

#### Fuel reset

##### (Average fuel consumption reset setting)

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

#### Temperature

##### (Temperature unit setting) (if equipped)

You can change the units that temperature is displayed in.

- To change the temperature unit, select "Temperature" in "Setting mode". Then, select "°C" or "°F".

#### Clock setting

##### (Adjusting the clock)

- Adjust the clock by selecting "Clock setting" in "Setting mode". Then, select "Adjust clock".
- To change the hour indication, turn the indicator selector knob (3) left or right repeatedly when the hour indication blinks. To change the hour indication quickly, turn and hold the indicator selector knob (3). To set the hour indication, push the indicator selector knob (3) and the minute indication blinks.
- To change the minute indication, turn the indicator selector knob (3) left or right repeatedly when the minute indication blinks. To change the minute indication quickly, turn and hold the indicator selector knob (3). To set the minute indication, push the indicator selector knob (3).

##### (Selecting 12H/24H format)

- Switch the time indication between 12-hour and 24-hour format by selecting "Clock setting" in "Setting mode". Then, select "12H" or "24H".

##### (Adjusting the date)

- Adjust the date by selecting "Clock setting" in "Setting mode". Then select "Adjust date".
- To adjust year, month and day, operate the indicator selector knob (3) in the same way as adjusting the clock.

## BEFORE DRIVING

### **Door lock (Door lock setting) (Door unlock)**

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

### **(Auto lock)**

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

### **(Auto unlock)**

- Syncro Off:  
Disable the automatic door unlocking function
- IG-OFF Sync:  
Unlock all doors when the key is pulled out from the ignition switch

### **(Alarm)**

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

### **Lights**

#### **(Lane change setting)**

The turn signal and its indicator can be set whether they flash three times even if you return the turn signal control lever immediately after moving it.

### **Antitheft**

#### **(Shock sensor system setting)**

You can change the on/off of the shock sensor.

#### **(Shock sensor P setting)**

You can adjust the pre-warning sensitivity of shock sensor.

#### **(Shock sensor F setting)**

You can adjust the full blast warning sensitivity of shock sensor.

### **Display item**

#### **(“Car color” setting)**

You can change the car color of the information display.

#### **(“Calendar dis” setting)**

You can select whether you show the calendar on the information display or not.

#### **(“Calendar form” setting)**

You can change the calendar form of the information display.

To change the calendar form, select “Calendar form” in “Display item”. Then, select the display order of date, month and year.

### **(“Fuel eco hist” setting)**

Transitional indication of average fuel consumption can be switched to time indication and driving cycle indication.

### **(“Motion hist” setting)**

Indication of G position history graph at the vehicle stopped can be selected to enable or disable.

### **(“Pedal op disp” setting)**

Display of “Accelerator and brake” is selectable to indicate or not to indicate.

### **Default**

#### **(initialization setting)**

If you select “YES” and push the indicator selector knob (3), all settings will be reinitialized.

## BEFORE DRIVING

---

### Warning and Indicator Messages

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

A tone may also sound to alert you.

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

*corrected, the message will appear again after 5 seconds.*

### Master warning indicator light



80P0382

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





#### NOTE:

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

## BEFORE DRIVING



### Warning and indicator messages

#### All model


Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 72RS080	Blinks (only while vehicle is in motion) 	Beep (one time from interior buzzer; only while vehicle is in motion)	A door or tailgate is not properly closed. Stop the vehicle in a safe place and close the door or tailgate properly. (#1)
 52RS005	Blinks 	Continuous beep (from interior buzzer)	The parking brake is not released. Stop the vehicle in a safe place and release the parking brake.

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

## BEFORE DRIVING

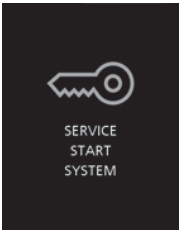

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21170	Blinks 	Continuous beep (from interior buzzer)	The headlights and/or the position lights are left on. Turn them off.

## BEFORE DRIVING

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21180	Off	Beep (one time from interior buzzer)	Fuel is low. Refill it immediately. (#1)

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

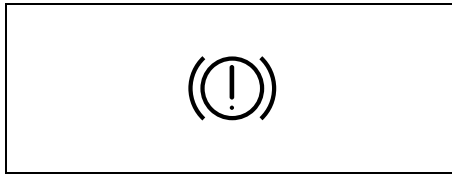
## BEFORE DRIVING

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 <p>SERVICE START SYSTEM</p> <p>52RM21240</p>	Blinks 	Beep (one time from interior buzzer)	There is a problem with the immobilizer. Also, the vehicle lead-acid battery voltage may be decreased. When the message is displayed even if you start the engine with normal voltage of the vehicle lead-acid battery, have your vehicle inspected by a Maruti Suzuki authorised workshop.



## Warning and Indicator Lights

### Brake System Warning Light



82K170

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

- The light comes on briefly when the ignition switch is turned "ON" or pushed to "ON" mode.
- The light comes on when the parking brake is engaged with the ignition switch in "ON" position.
- The light comes on 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:

- 1) Pull off the road and stop carefully.

#### WARNING

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

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

#### WARNING

**If any of the following conditions occur, you should immediately ask a Maruti Suzuki authorised workshop 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 "ON" or pushed to "ON" mode.
- If the brake system warning light comes on at any time during vehicle operation.

#### NOTE:

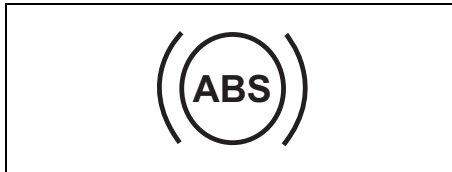
*Because the brake system is self-adjusting, the fluid level will drop as the brake pads become worn. Replenishing the brake fluid reservoir is considered normal periodic maintenance.*

#### NOTE:

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

## BEFORE DRIVING

### Anti-Lock Brake System (ABS) Warning Light



65D529

When the ignition switch is turned "ON" or pushed to "ON" mode, this 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 position and then start the engine again.

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

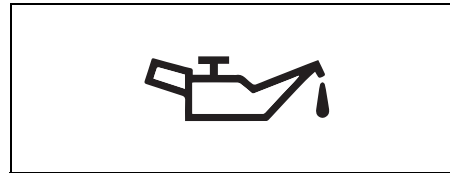
If the light and the brake system warning light stay on or come on simultaneously when driving, your ABS system is equipped with the rear brake force control function (proportioning valve function) and there may be something wrong with both the rear brake force control function and then anti-lock function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

If one of the above occurs, have the system inspected by a Maruti Suzuki authorised workshop.

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

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

### Oil Pressure Warning Light



50G051

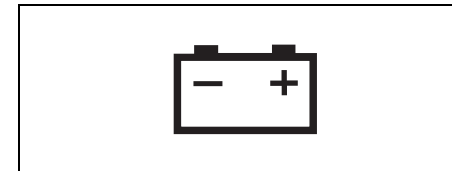
When the ignition switch is turned "ON" or pushed to "ON" mode, this light comes on. When the engine is started, the light goes out. The light will come on and remain on if there is insufficient oil pressure. If the light comes on when driving, pull off the road as soon as you can and stop the engine.

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

### NOTICE

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

### Charging Light



50G052

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

## BEFORE DRIVING

### Driver's seat belt reminder light / Front passenger's seat belt reminder light



60G049

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

For details of the seat belt reminder, refer to "Seat Belts and Child Restraint Systems" in "FOR SAFE DRIVING" section.

### AIRBAG Light



63J030

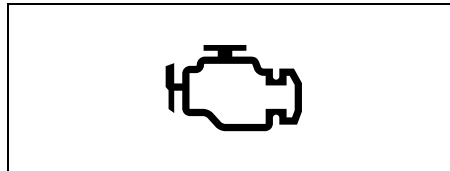
When the ignition switch is turned "ON" or pushed to "ON" mode, this light comes on for several seconds so you can check that the light is working.

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

### ⚠ WARNING

If the AIRBAG light does not blink or come on briefly when the ignition switch is turned "ON" or pushed to "ON" mode, stays on for more than 10 seconds, or comes on while driving, the airbag system or the seat belt pretensioner system may not work properly, which could result in serious injury in the event of a collision. Have both systems inspected by a Maruti Suzuki authorised workshop.

### Malfunction Indicator Light



63J031

Your vehicle has a computer-controlled emission control system. A malfunction indicator light is provided on the instrument cluster to indicate when it is necessary to have the emission control system serviced. When the ignition switch is turned "ON" or pushed to "ON" mode, this light comes on. When the engine is started, the light goes out.

If the malfunction indicator light comes on or blinks when the engine is running, there

is a damage in the emission control system.

Bring the vehicle to a Maruti Suzuki authorised workshop to have the damage fixed.

### ⚠ CAUTION

If this light blinks, stop your vehicle immediately in a safe place to avoid catalyst's melting problem since there may be a misfire in the engine.

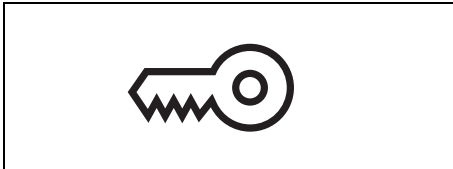
- Do not drive or stop over such as withered grasses.
- Drive slowly if required to move the vehicle.

### NOTICE

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

## BEFORE DRIVING

### Immobilizer Warning Light

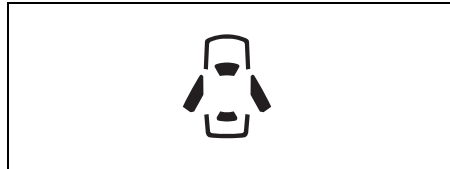


80JM122

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

If this light blinks or stays on, there is a problem with the system or the steering lock cannot be released. If this happens, press the engine switch, turning the steering wheel to the right or left. If this light still blinks or stays on even if you start the engine with normal voltage of the vehicle lead-acid battery, ask a Maruti Suzuki authorised workshop.

### Open Door Warning Light

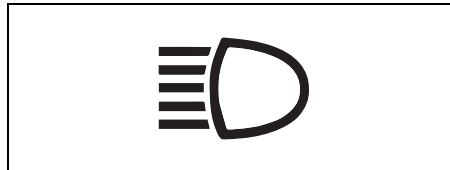


54G391

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

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

### Main Beam (high beam) Indicator Light



50G056

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

### Low Fuel Warning Light



54G343

If this light comes on, refuel the fuel tank as soon as possible.

When this light comes on, a ding sounds once to remind you to refuel.

If you do not refuel, a ding sounds every time when the ignition switch is turned "ON" or pushed to "ON" mode.

#### NOTE:

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

## BEFORE DRIVING

### Electric Power Steering Light



79J039

When the ignition switch is turned "ON" or pushed to "ON" mode, this light comes on. When the engine is started, the light goes out.

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

#### NOTE:

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

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

*When the power steering control system cool down, the power steering system will return to its original condition.*

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

- *This light comes on when continuing period of time of limiting the power assist in order to prevent from overheating.*

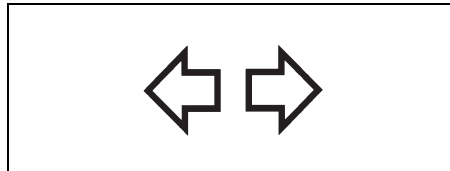
#### NOTE:

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

#### NOTE:

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

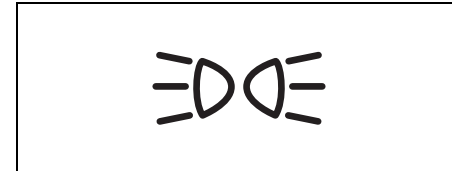
### Turn Signal Indicators



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.

### Illumination Indicator Light



64J045

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

### Master Warning Indicator Light



80P0382

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

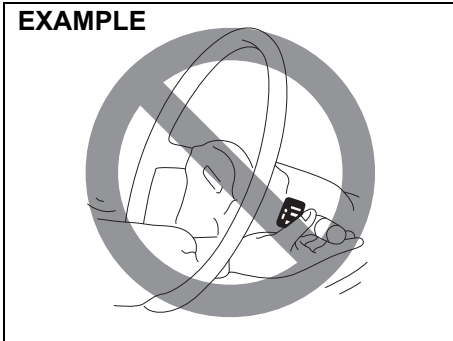
When the information display shows warning and indicator messages, this indicator light may also blink.

For details, refer to "Information display" in this section.

## BEFORE DRIVING

### Lighting Control Lever

#### EXAMPLE



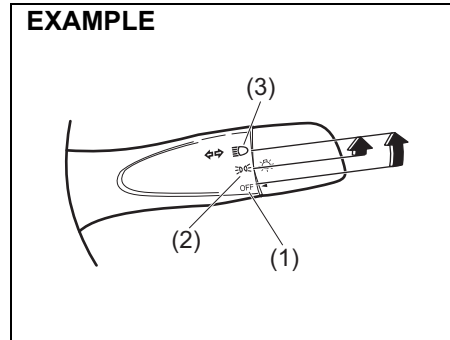
65D611S

#### WARNING

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

### Lighting Operation

#### EXAMPLE



72RM02003

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.

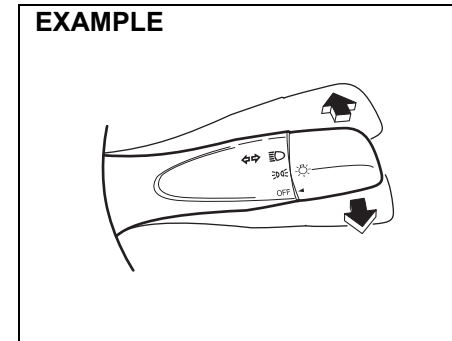
#### (2)

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



72RM02004

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 cluster will come on. To momentarily activate the high beams (main beams) as a passing signal, pull the lever slightly toward you and release it when you have completed the signal.

## BEFORE DRIVING

### Light Reminder Buzzer

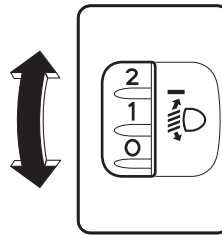
The interior buzzer continuously beeps if you open the driver's door without turning off the headlights and position lights. This function is triggered under the following condition:

The headlights and/or position lights are on even after the ignition switch is turned off.

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

### Headlight Leveling Switch

#### EXAMPLE



75RM008

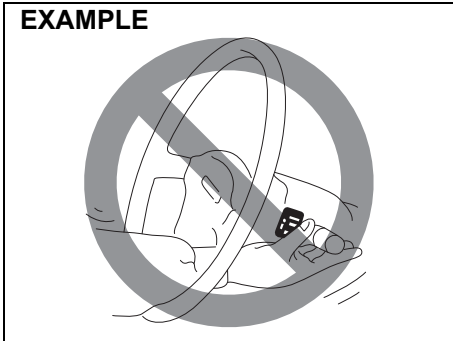
Level the headlight beam according to the load condition of your vehicle by turning this switch. The chart shows the appropriate switch position for different vehicle-load conditions.

Loading Conditions	Switch Position
Driver (1 Seat)	0
Driver + Co-Driver (2 Seats)	0.5
Driver + Co-Driver + 2nd row 3 Seats (Total-5 Seats)	1.5
All Passengers (7 Seats)	2.5
All Passengers + Cargo (Evenly distributed load in luggage boot)	3
Driver + Cargo (Evenly distributed load in luggage boot)	4.5

## BEFORE DRIVING

### Turn Signal Control Lever

#### EXAMPLE



65D611S

#### ⚠ WARNING

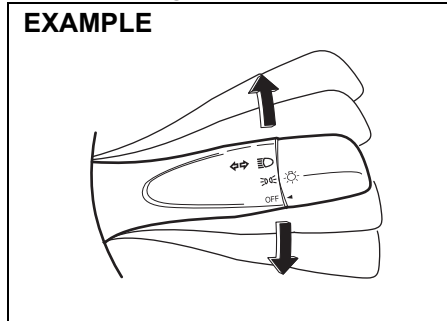
To avoid possible injury, do not operate controls by reaching through the steering wheel.

### Turn Signal Operation

With the ignition switch in “ON” position, move the lever upward or downward to activate the right or left turn signals.

#### Normal turn signal

##### EXAMPLE

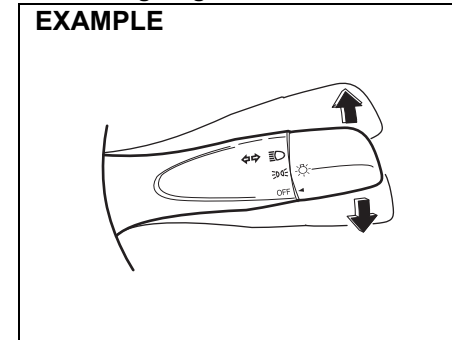


72RM02005

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



72RM02006

Move the lever partially upward or downward to turn right or left and hold the lever in the moved position.

- The turn signal and its indicator flash while the lever is held at the moved position.
- The turn signal and its indicator flash 3 times even if you returned the lever immediately after the activation.

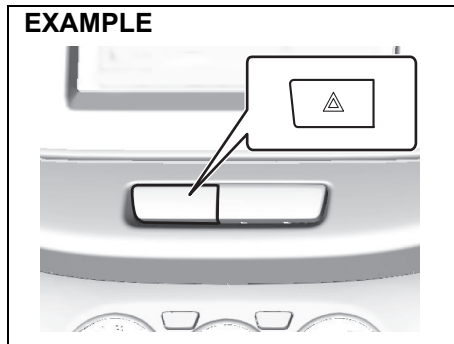
#### NOTE:

The turn signal and its indicator can be set whether they flash 3 times after the turn signal lever is returned via the information display. Refer to “Information display” in this section.



## BEFORE DRIVING

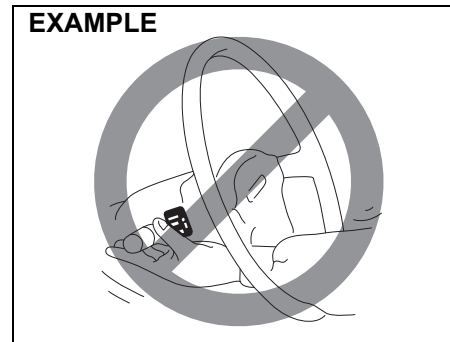
### Hazard Warning Switch



Push 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 drivers of possible risk of traffic hazard when you park your vehicle in case of emergency.

### Windshield Wiper and Washer Lever



#### **WARNING**

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

### Wiper and Washer Operation

When the ignition switch is in "ON" position, you can use the wiper/washer lever or switch.

When the wipers are under heavy load such as covered by snow, the breaker will be activated and the wipers will stop operating to protect the wiper motor from overheating.

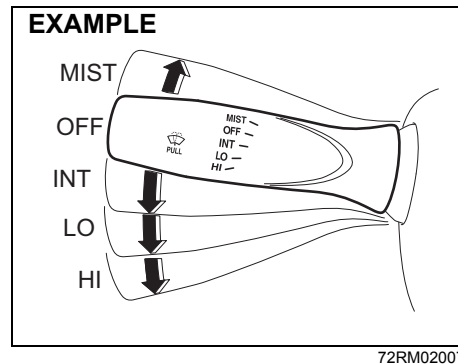
If the wiper stops during operation, do the following methods.

- 1) Stop the vehicle in a safe place, and turn the engine off.
- 2) Move the wiper lever and switch to "OFF" position.
- 3) Remove obstacles such as snow on the wipers.
- 4) After a while, when the temperature of the wiper motor becomes low enough, the breaker will be reset automatically and the wipers will be able to use.

If you cannot use the wipers after a while, there may be another problem. Ask a Maruti Suzuki authorised workshop to have the wipers inspected.

## BEFORE DRIVING

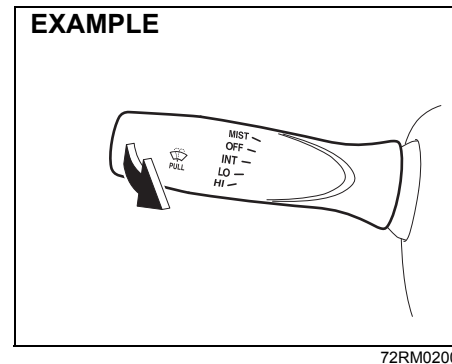
### Windshield Wipers



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

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

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

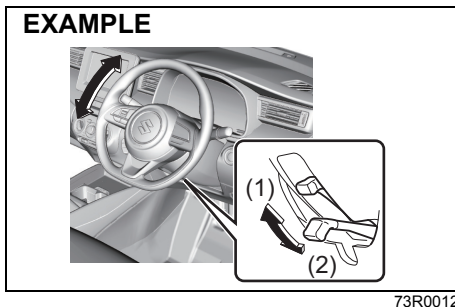
#### NOTICE

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.

## Tilt Steering Lock Lever

### EXAMPLE



73R0012

- (1) LOCK  
(2) UNLOCK

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

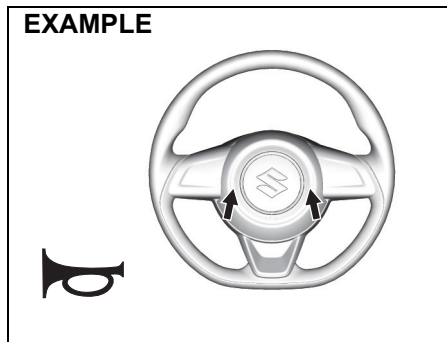
- 1) Push down the lock lever to unlock the steering column.
- 2) Adjust the steering wheel to the desired height and lock the steering column by pulling up the lock lever.
- 3) Try moving the steering wheel up and down to make sure it is securely locked in position.

### WARNING

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

## Horn

### EXAMPLE



73R0062

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

## Vehicle Loading

Your vehicle was designed for specific weight capacities. The weight capacities of your vehicle are indicated by the Gross Vehicle Weight Rating (GVWR) and the Permissible maximum Axle Weight (PAW, front and rear). The GVWR and PAW (front and rear) are listed in "SPECIFICATIONS" section.

GVWR – Maximum permissible overall weight of the fully loaded vehicle (including all the occupants, accessories and cargo plus the trailer nose weight if towing a trailer).

PAW – (Front and Rear) Maximum permissible weight on an individual axle.

Actual weight of the loaded vehicle and actual loads at the front and rear axles can only be determined by weighing the vehicle. Compare these weights to the GVWR and PAW (front and rear). If the gross vehicle weight or the load on either axle exceeds these ratings, you must remove enough weight to bring the load down to the rated capacity.

## BEFORE DRIVING

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### **WARNING**

Never overload your vehicle. The gross vehicle weight (sum of the weights of the vehicle, all the occupants, accessories, cargo plus trailer nose weight if towing a trailer) must never exceed the Gross Vehicle Weight Rating (GVWR). In addition, never distribute a load so that the weight on either the front or rear axle exceeds the Permissible maximum Axle Weight (PAW).

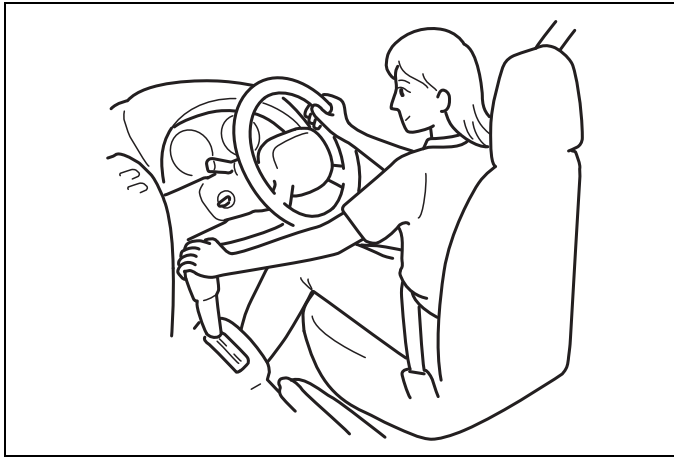
### **WARNING**

Always distribute cargo evenly. To avoid personal injury or damage to your vehicle, always secure cargo to prevent it from shifting if the vehicle moves suddenly. Place heavier objects on the floor and as far forward in the cargo area as possible. Never pile cargo higher than the top of the seat backs.

### **Trailer Towing your vehicle**

Your MARUTI SUZUKI was originally designed to carry people and a normal amount of cargo, not to tow a trailer.

## OPERATING YOUR VEHICLE



60G408

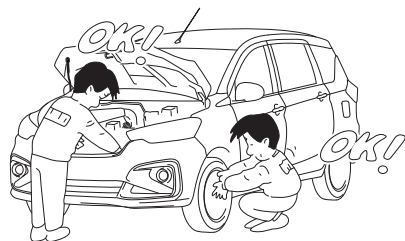
Daily Inspection Checklist .....	3-1
Engine Oil Consumption .....	3-2
Ignition Switch .....	3-2
Parking Brake Lever .....	3-4
Pedal .....	3-6
Starting the Engine .....	3-6
Using the Transmission .....	3-7
Gearshift Indicator .....	3-8
Parking Sensors .....	3-9
Braking .....	3-14

## OPERATING YOUR VEHICLE

### Daily Inspection Checklist

#### Before Driving

##### EXAMPLE



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 nuts
  - existence of foreign material such as nails, stones, etc.

Refer to “Tires” in “INSPECTION AND MAINTENANCE” section for details.

- 3) Look for fluid and oil leakage.

#### NOTE:

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

- 4) Make sure the hood is fully closed and latched.
- 5) Check the headlights, turn signal lights, brake lights and horn for proper operation.
- 6) Adjust the seat and head restraint.
- 7) Check the brake pedal and the parking brake lever.
- 8) Adjust the mirrors.
- 9) Make sure that you and all passengers have properly fastened the seat belts.
- 10) Make sure that all warning lights come on as the ignition switch is turned to ON position or the ignition switch is turned “ON” or pushed to “ON” mode.
- 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 fluid (acid) level
- 5) Windshield washer fluid level
- 6) Hood latch operation  
Pull the hood release handle inside the vehicle. Make sure that you cannot open the hood all the way without

releasing the secondary latch. Be sure to close the hood securely after checking for proper latch operation. See the item “All latches, hinges and locks” of “CHASSIS AND BODY” in “Periodic Maintenance Schedule” in “INSPECTION AND MAINTENANCE” section for lubrication schedule.

#### WARNING

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

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

## Engine Oil Consumption

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

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

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

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

### Oil consumption:

**Max. 1.0 L per 1000 km**

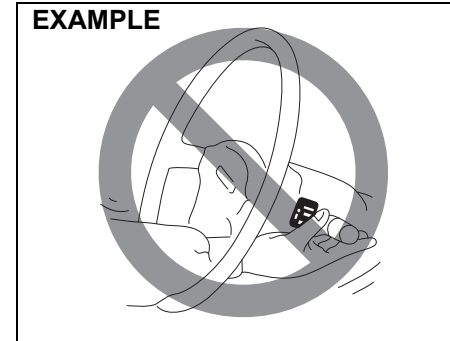
When judging the amount of oil consumption, note that the oil may become diluted and it is difficult to judge the accurate oil level.

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

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

### EXAMPLE



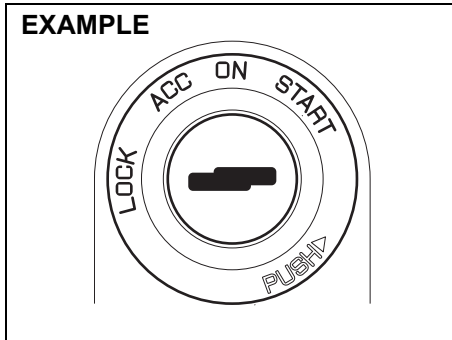
65D611S

### ⚠ WARNING

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

## OPERATING YOUR VEHICLE

### EXAMPLE



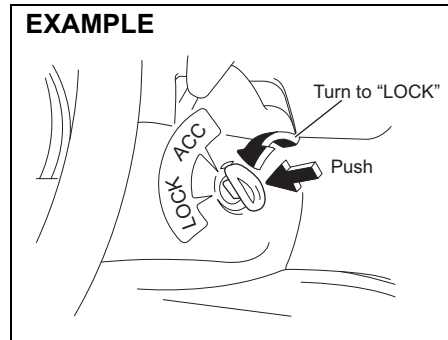
68PH00310

The ignition switch has the following four positions:

### LOCK

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

### EXAMPLE



64MM03008

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

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

### ACC

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

### ON

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

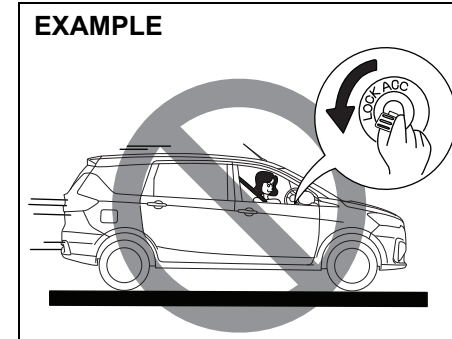
### START

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

### Ignition key reminder

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

### EXAMPLE



81A297S



**⚠ WARNING**

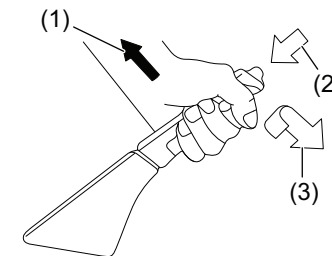
- Never return the ignition switch to the LOCK position and remove the ignition key while the vehicle is moving. The steering wheel will lock and you will not be able to steer the vehicle.
- Always return the ignition switch to LOCK position and remove the ignition key when leaving the vehicle even only for a short time. Also do not leave children alone in a parked vehicle. Unattended children may be able to start the vehicle or shift the transmission into neutral, which could result in an accident. There is also a danger that children may injure themselves by playing with the power windows or other moving features of the vehicle. In addition, heat build-up or extremely cold temperatures inside the vehicle can be fatal to children.

**NOTICE**

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

**Parking Brake Lever**

**EXAMPLE**



60MHM03001

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

The parking brake lever is located between the front seats. To set the parking brake, depress the brake pedal and pull the parking brake lever all the way up. To release the parking brake, depress the brake pedal and pull up 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.

## OPERATING YOUR VEHICLE

### WARNING

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

### WARNING

Whenever parking, make sure the gearshift lever is in 1st gear or "R" (Reverse). Remember, even though the transmission is in gear, 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) Turn off the engine, then shift into reverse or first gear.
- 3) Get out of the vehicle and put chocks under the wheels.
- 4) Release the parking brake.  
When you return to your vehicle, you must remember to first set the parking brake, then remove the wheel chocks.

### WARNING

Do not leave cigarette lighters, spray cans, soft drink cans or plastic articles (such as glasses, CD cases, etc.) in sun-heated vehicle. The temperature inside the vehicle may cause as follows:

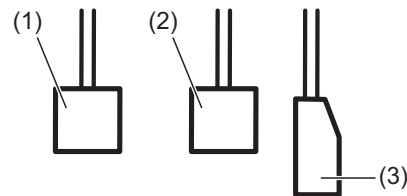
- Gas may leak from a cigarette lighter or spray can and may lead to a fire.
- The glasses, plastic cards or CD cases, etc. may deform or crack.
- Soft drink cans may fracture.

### Parking Brake Reminder Buzzer

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

## Pedal

### EXAMPLE



80J2121

### Clutch Pedal (1)

A clutch pedal is used to disengage the driving force to the wheels when starting the engine, stopping, or shifting the gear-shift lever. Depressing the pedal disengages the clutch.

### ⚠ WARNING

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

### Brake Pedal (2)

Your vehicle is equipped with front disc brakes and rear drum brakes. Depressing

the brake pedal applies both sets of brakes.

You may hear occasional brake squeal when you apply the brakes. This is a normal condition caused by environmental factors such as temperature, humidity or dust, etc.

### ⚠ WARNING

**If brake squeal is excessive and occurs each time the brakes are applied, you should have the brakes checked by a Maruti Suzuki authorised workshop.**

### ⚠ WARNING

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

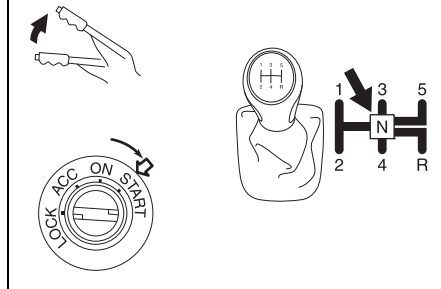
### Accelerator Pedal (3)

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

## Starting the Engine

### Before Starting the Engine

### EXAMPLE



72RM03003

- 1) Make sure the parking brake is set fully.
- 2) Shift into "N" (Neutral). Hold the clutch pedal and brake pedal fully depressed.

### ⚠ WARNING

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

## OPERATING YOUR VEHICLE

### Starting a Cold and Warm Engine

With your foot taken off the accelerator pedal, crank the engine by turning the ignition key to "START". Release the key when the engine starts.

#### NOTICE

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

If the engine does not start after 12 seconds of cranking, wait 15 seconds, and then press down the accelerator pedal to 1/3 of its stroke and try cranking the engine again. Release the key and accelerator pedal when the engine starts.

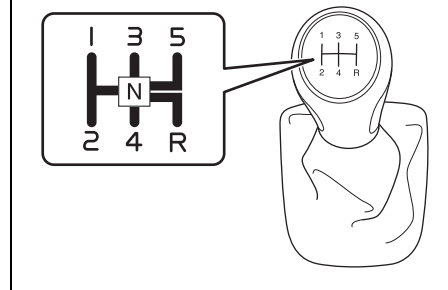
If the engine still does not start, depress the accelerator pedal all the way to the floor while cranking.

### Using the Transmission

#### ⚠ WARNING

Do not hang any items on the gearshift lever and do not use the gearshift lever as a handrest. Otherwise, it could prevent proper operation of the gearshift lever and cause its malfunction, resulting in an accident.

#### EXAMPLE



73R0014

#### Starting off

To start off, depress the clutch pedal all the way to the floor and shift into 1st gear. After releasing the parking brake, gradually release the clutch. When you hear a change in the engine's sound, slowly press the accelerator while continuing to gradually release the clutch.

### Shifting

All forward gears are synchronized, which provides for quiet and easy shifting. Always depress the clutch pedal all the way to the floor before shifting gears. Keep the engine speed below the red zone of the tachometer.

#### Downshifting maximum allowable speeds

Downshifting	km/h
2nd to 1st	20
3rd to 2nd	80
4th to 3rd	115
5th to 4th	155*

#### \*NOTE:

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

#### NOTICE

Do not downshift to a lower gear at the speed faster than the maximum allowable speeds for the next lower speed, or severe damage to engine and transmission 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, 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 cause negative effect to smooth shifting.

**Gearshift Indicator**

**EXAMPLE**



72R0074

When the gearshift lever is in a position other than “N” (Neutral), the gearshift indicator is indicated on the information display when the ignition switch is in “ON” position.

The electronic control system monitors driving condition (such as vehicle speed and/or engine revolution), and it shows which gear position is optimal for your driving with the indication on the display.

If UP/DOWN arrow is indicated on the display while driving, we recommend you to shift up or down the gear until the arrow disappears. It is the optimal gear position for a driving condition that reduces the over revolution and stress to the engine, and improves fuel consumption.

For details on how to use the transmission, refer to “Using the Transmission” in this section.

**⚠ WARNING**

The gearshift indicator is designed to indicate optimal gear position for your driving, however, a driver will not be relieved from the duty of care of driving operation or gear change with this indicator.




To drive safe, do not gaze the gearshift indicator, pay attention to your driving situation and shift up or down if necessary.

**NOTE:**

- The gearshift indicator is not indicated when the gear position is in “N” (Neutral).
- If you depress the clutch pedal while UP/DOWN arrow is indicated, the indication will disappear.
- If you release your foot from the accelerator pedal while UP arrow is indicated, UP arrow will disappear for vehicle with the instrument cluster.
- The indication of gearshift indicator timing may differ depending on the vehicle condition and/or driving situation even in the same vehicle speed and engine revolution.

## OPERATING YOUR VEHICLE

### Example of the gearshift indicator

Indication	Description
	Lower gear position is selected for the vehicle speed and/or engine revolution. Changing to a higher gear position is recommended. <ul style="list-style-type: none"><li>In this case, shifting up to 4th gear position is recommended.</li></ul>
	Current gear position is optimal for the vehicle speed and/or engine revolution. <ul style="list-style-type: none"><li>In this case, 3rd gear position is the best.</li></ul>
	Higher gear position is selected for the vehicle speed and/or engine revolution. Changing to a lower gear position is recommended. <ul style="list-style-type: none"><li>In this case, shifting down to 2nd gear position is recommended.</li></ul>

### Parking Sensors

The parking sensor system uses ultrasonic sensors to detect obstacles near the rear bumper. If obstacles are sensed while you are parking or moving the vehicle slowly, the system warns you by sounding a buzzer and displaying symbols representing the obstacles on the information display in the instrument cluster.

- The system emits an ultrasonic wave and the relevant sensor detects the return of the wave reflected by an obstacle. The system measures the time taken by the ultrasonic wave to reach the obstacle and return from it, from which it determines the obstacle's position.
- The parking sensor function can be used when the ignition switch is turned "ON", the gearshift lever is in R position. This function is helpful in the following cases: pulling over to the curb; parallel-parking the vehicle; steering the vehicle into a garage; driving along an alley; and moving slowly in a place with obstacles.

Information Display Symbol

EXAMPLE



72R0035

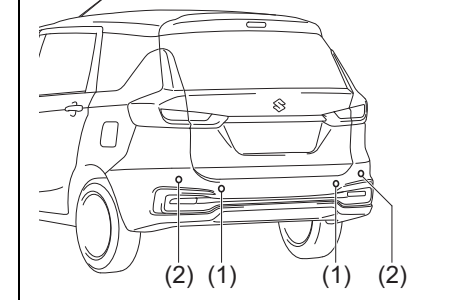
- (1) Symbol representing an obstacle detected by parking sensor\*
- \* This symbol shows that an obstacle is located on the right rear of vehicle.

**WARNING**

- The parking sensor warns you of obstacles with buzzers and by showing you the location of the obstacles on the information display. However, you must still pay full attention yourself while driving.
- The sensors can detect obstacles only within a limited area and only when the vehicle is moving within a limited speed range. So, in tricky areas, you must move the vehicle slowly while checking around it using your direct vision or rearview mirrors. There is increased risk of an accident if you control the vehicle relying only on the parking sensor.

Sensor Locations

EXAMPLE



72R0036

- (1) Rear center sensors (2 places)  
(2) Rear corner sensors (2 places)

**NOTICE**

- Avoid hitting the sensor areas or directing the nozzle of a high-pressure car washer onto the sensor areas. Otherwise, the sensors may be damaged.
- If the bumper hits a hard object, the sensors on it may not work properly. If this occurs, have the sensors inspected by a Maruti Suzuki authorised workshop.

## OPERATING YOUR VEHICLE

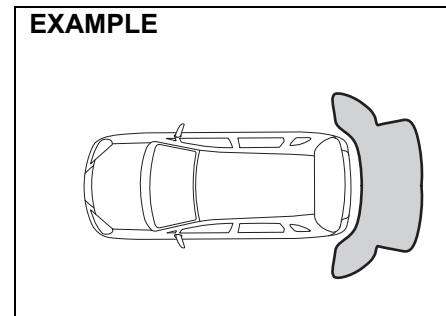
### Working sensors

The sensors work depending on the position of gearshift lever as shown in the below table:

Gearshift lever position		R	N, 1st - 5th
Rear sensors	Center	On	Off
	Corner	On	Off

### Approximate areas where obstacles can be detected

#### EXAMPLE



60MH126

- An obstacle within about 20 cm (8 in) from a sensor or just below a sensor is not detectable.
- The sensors can detect an obstacle up to about 1.5 m (5 ft) from the rear of vehicle.



## OPERATING YOUR VEHICLE

### WARNING

- Under the following conditions, the parking sensor system may not work normally because the sensors cannot detect obstacles correctly.
  - Sensors are covered with mud, ice or other materials. (Such materials must be removed for normal operation.)
  - Sensors are wet from water splashes or heavy rain.
  - Sensors are covered by a hand, sticker, accessory, etc.
  - There is an accessory or other object attached within the sensor's sensing area.
  - Items such as tow hooks, commercially available corner poles, radio antenna, etc. are installed on the bumper.
  - The height of the bumper is changed due to alteration to the suspension or other causes.
  - The sensor areas are extremely hot from direct sunlight or cold due to freezing weather.
  - The vehicle is on a rough surface, slope, gravel road or grass field.
  - The vehicle is at a steep angle.

(Continued)

### WARNING

(Continued)

- Sensors have intercepted ultrasonic noise from another vehicle's horn, engine, air braking system (large vehicles), or parking sensor.
- Obstacles are too close to the sensors.
- Sensors are at an angle to a highly reflective object such as glass. (Ultrasonic waves are not reflected back from the obstacle.)
- Sensors may not be able to correctly detect the following types of obstacles:
  - Objects made of a thin material like wire netting and ropes
  - Square-shaped curbstones or other objects with sharp edges
  - Tall objects with a large upper part like a road sign
  - Low-profile objects such as curbstones
  - Sound-absorbing objects such as cotton and snow

### NOTE:

- Thin poles or obstacles lower than the sensors may become undetectable as the vehicle moves closer to them even if they have been detected from longer distances.
- The system may calculate the distance to a road sign or similar obstacle to be shorter than the actual distance.

## OPERATING YOUR VEHICLE

### Obstacle Indication by Parking Sensor

#### Information display symbol

##### EXAMPLE



(2) (1) (2)

72R0037

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

Upon detecting an obstacle, the parking sensor causes an interior buzzer to sound and a symbol representing the obstacle appears on the information display in the instrument cluster.

- A different symbol is displayed depending on the direction and distance of the obstacle.
- A buzzer located behind the rear seat sounds when a sensor at the rear detects an obstacle.

- Warnings when obstacles such as wall are detected by corner sensors

Distance (approx.)	Buzzer	Symbol
45 – 60 cm (18 – 24 in)	Short beeps at short intervals	Three lines
35 – 45 cm (14 – 18 in)	Short beeps at very short intervals	Two lines
Less than 35 cm (14 in)	Continuous beep	One line

- Warnings when obstacles such as wall are detected by center sensors

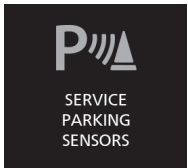
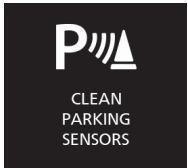
Distance (approx.)	Buzzer	Symbol
60 – 150 cm (24 – 59 in)	Short beeps at long intervals	Three lines
45 – 60 cm (18 – 24 in)	Short beeps at short intervals	
35 – 45 cm (14 – 18 in)	Short beeps at very short intervals	Two lines
Less than 35 cm (14 in)	Continuous beep	One line

#### NOTE:

- Symbols are displayed with a short delay after the detection of obstacles.
- If the system detects multiple obstacles simultaneously, the display shows all of their positions using the corresponding symbols. However, the buzzers will sound only for the nearest obstacles.

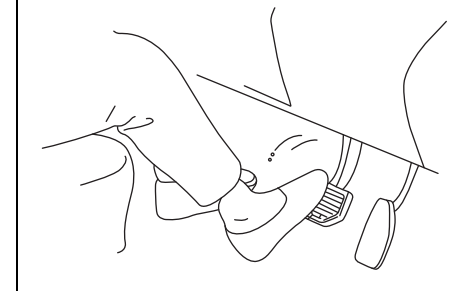
### Warning and Indicator Messages

If there is a problem or warning regarding the parking sensor system, a message is displayed on the information display in the instrument cluster, and a symbol blinks and the buzzer sounds. If a message is displayed, follow its instruction.

Message	Symbol	Buzzer	Probable cause and remedy
 68PH02303	Two blinking lines in a sensor location.	Series of double beeps	There may be a problem with the parking sensor system. Have your vehicle inspected by a Maruti Suzuki authorised workshop.
 68PH02304	One blinking line in a sensor location.	Series of single beeps	The indicated sensor is contaminated. Wipe it clean with a soft cloth.

### Braking

#### EXAMPLE



60G165A

The distance needed to bring any vehicle to a halt increases with the speed of the vehicle. The braking distance needed, for example, at 60 km/h will be approximately 4 times greater than the braking distance needed at 30 km/h. Start to depress the brake pedal when there is plenty of distance between your vehicle and the stopping point, and slow down gradually.

## OPERATING YOUR VEHICLE

### WARNING

If water gets into the brake devices, brake performance may become poor and unpredictable. After driving through water or washing the underside of the vehicle, test the brakes while driving at a slow speed to see if they have maintained their normal effectiveness. If the brakes are less effective than normal, dry them by repeatedly applying the brakes while driving slowly until the brakes have regained their normal effectiveness.

### Power-Assisted Brakes

Your vehicle has power-assisted brakes. If power assistance is lost due to a stalled engine or other failures, the system is still fully operational on reserve power and you can bring the vehicle to a complete stop by pressing the brake pedal once and holding it down. The reserve power is partly used up when you depress the brake pedal and reduces each time the pedal is pressed. Apply smooth and even pressure to the pedal. Do not pump the pedal.

### WARNING

Even without reserve power in the brake system, you can still stop the vehicle by pressing the brake pedal harder than normally required. However, the stopping distance may be longer.

### Anti-Lock Brake System (ABS)

ABS will help you avoid skidding by electronically controlling braking pressure. It will also help you maintain steering control when braking on slippery surfaces or when braking hard.

The ABS works automatically, so you do not need any special braking technique. Just push the brake pedal down without pumping. The ABS will operate whenever it senses that the wheels are locking up. You may feel the brake pedal moves a little while the ABS is operating.

#### NOTE:

- The ABS will not work if vehicle speed is under about 9 km/h.
- If the ABS system is activated, you may hear a clunking noise and/or feel pulsating in the brake pedal. This is normal and indicates that the brake fluid pressure is being controlled properly.
- You may hear an operation sound when you start the engine or after the vehicle begins to move. This means that the above systems are in the self-check mode. This sound does not indicate a malfunction.

**⚠ WARNING**

- On some types of loose surfaces (such as gravel, snow-covered roads, etc.), the stopping distance required for a vehicle with ABS may be slightly greater than the one required for a comparable vehicle with a conventional brake system. With a conventional brake system, skidding tires are able to plow the gravel or snow layer, shortening the stopping distance. ABS minimizes this resistance effect. Allow for extra stopping distance when driving on loose surfaces.
- On regular paved roads, some drivers may be able to obtain slightly shorter stopping distances with conventional brake systems than with ABS.
- In both of the above conditions, ABS will still offer the advantage of helping you maintain directional control. However, remember that ABS will not compensate for bad road or weather conditions or poor driver judgment. Use good judgment and do not drive too fast.

**EXAMPLE**



54MN069

- (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. Ask a Maruti Suzuki authorised workshop to inspect the ABS system immediately. If the ABS system becomes inoperative, the brake system will function as an ordinary brake system that has no ABS.
- If the ABS warning light (1) and the Brake system warning light (2) on the instrument panel simultaneously stays on or comes on while driving, both anti-lock function and rear brake force control function (proportioning valve function) of the ABS system may have failed. If so, the rear wheels may easily skid or the vehicle can even spin in the worst case when braking on a slippery road or when hard braking even on a dry paved road. Ask a Maruti Suzuki authorised workshop to inspect the ABS system immediately. Drive carefully, avoiding hard braking as much as possible.

## OPERATING YOUR VEHICLE

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### How the ABS Works

A computer continuously monitors wheel speed. The computer compares the changes in wheel speed when braking. If the wheels slow suddenly, indicating a skidding situation, the computer will change braking pressure several times each second to prevent the wheels from locking. When you start your vehicle or when you accelerate after a hard stop, you may hear a momentary motor or clicking noise as the system resets or checks itself. "This is absolutely normal and indicate that ABS is functioning properly".

### WARNING

The ABS may not work properly if tires or wheels other than those specified in the owner's manual are used. This is because the ABS works by comparing changes in wheel speed. When replacing tires or wheels, use only the size and type specified in this owner's manual.

DRIVING TIPS

Running-in ..... 4-1

Catalytic Converter ..... 4-1

Improving Fuel Economy ..... 4-2

Highway Driving ..... 4-3

Driving on Hills ..... 4-3

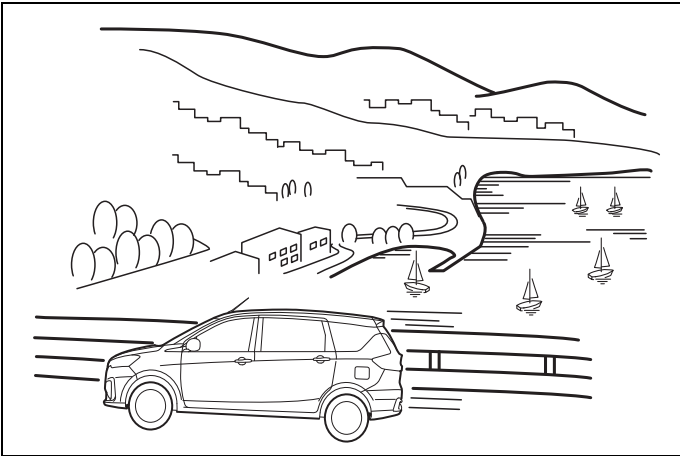
Driving on Slippery Roads ..... 4-4

Off-road Driving ..... 4-6

When Encountering a Flooded Area ..... 4-6

Do's and Dont's for safe driving ..... 4-7

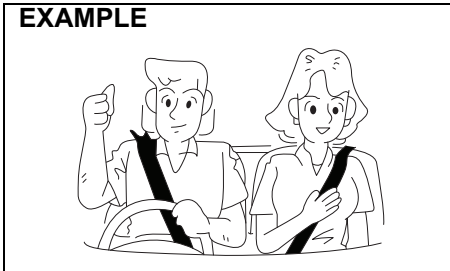
Margin for safety ..... 4-9



72RM04000

## DRIVING TIPS

### EXAMPLE



55RM04002

### ⚠ WARNING

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

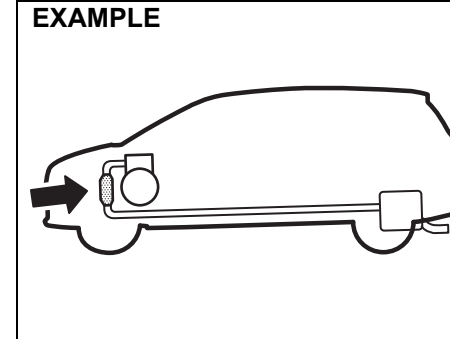
### NOTICE

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 first 960 km of vehicle operation.

- After starting, do not race the engine. Warm it up gradually.
- Avoid prolonged vehicle operation at a constant speed. Moving parts will break in better if you vary your speed.
- Start off from a stop slowly. Avoid full throttle starts.
- Avoid hard braking, especially during the first 320 km of driving.
- Do not drive slowly with the transmission 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 catalytic converter. This may result in permanent heat damage to the catalytic converter and other vehicle components.



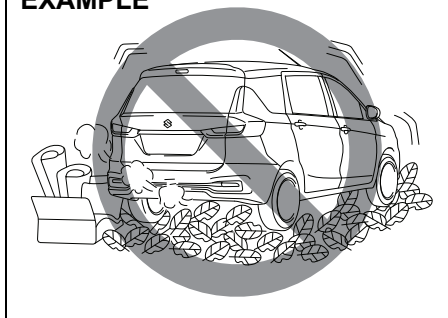
## DRIVING TIPS

### NOTICE

To minimize the possibility of catalytic converter or other vehicle damage:

- Maintain the engine in the proper operating condition.
- In the event of an engine malfunction, particularly one involving engine misfiring 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.
- Avoid driving your vehicle at excessively high engine speed in or around the red zone of the tachometer.

### EXAMPLE



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 park your vehicle for more than one minute, stop the engine and start it again later. When warming up a cold engine, do not allow the engine to idle or apply full throttle until the engine has reached operating temperature. Allow the engine to warm up by driving.

### Avoid sudden acceleration

Sudden acceleration starting from rest or while driving will consume fuel unnecessarily and shorten engine life. Start off slowly.

### Avoid unnecessary stops

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

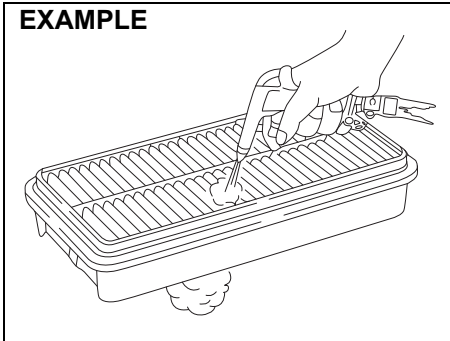
### Keep a steady cruising speed

Drive at a constant speed that road and traffic conditions will permit.

## DRIVING TIPS

### Keep the air cleaner clean

#### EXAMPLE



60A183S

If the air cleaner is clogged with dust, there will be greater intake resistance, resulting in decreased power output and increased fuel consumption.

### Keep weight to a minimum

The heavier the load is, the more fuel the vehicle consumes. Unload any unnecessary luggage or cargo.

### Keep tire pressures correct

Under-inflation of the tires can waste fuel due to increased rolling resistance of the tires. Keep your tires inflated to the correct pressure shown in the label on driver's door lock pillar.

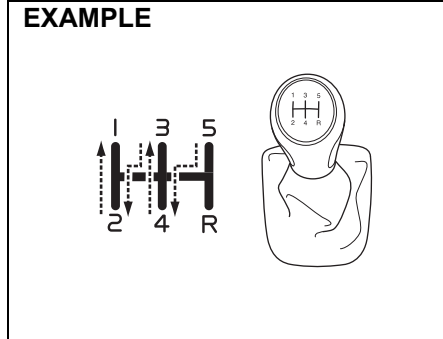
## Highway Driving

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

- Stopping distance progressively increases with vehicle speed. Apply the brakes far enough ahead of the stopping point to allow for the extra stopping distance.
- On rainy days, hydroplaning can occur. Hydroplaning is the loss of direct contact between the road surface and the vehicle's tires due to a water film forming between them. Steering or braking the vehicle during hydroplaning can be very difficult, and loss of control can occur. Keep speed down when the road surface is wet.
- At high speeds, the vehicle may be affected by side winds. Therefore, reduce speed and be prepared for unexpected buffeting, which can occur at the exits of tunnels, when passing by a cut of a hill, or when being overtaken by large vehicles, etc.

## Driving on Hills

#### EXAMPLE



72RM04009

- 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 higher power range. Shift rapidly to prevent the vehicle from losing momentum.
- When driving down a hill, the engine should be used for braking by shifting to the next lower gear.

## DRIVING TIPS

### While moving uphill/gradient from a stand still condition

- Apply the parking brake firmly so that the vehicle does not roll backwards.
- Depress the Clutch pedal and Shift the gearshift lever to 1st Select position.
- Do not slip the clutch.
- When ready to start, press accelerator pedal and slowly release the clutch pedal simultaneously. When the vehicle starts to move, gradually release the parking brake.

#### **WARNING**

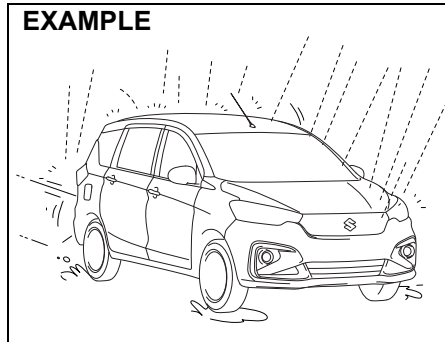
**Do not hold the brake pedal down too long or too often while going down a steep or long hill. This could cause the brakes to overheat, resulting in reduced braking efficiency. Failure to take this precaution could result in loss of vehicle control.**

#### **NOTICE**

**When descending a downhill, Never turn the ignition key to “LOCK” position.**

### Driving on Slippery Roads

#### **EXAMPLE**



60G089S

On wet roads, you should drive at a lower speed than you do on dry roads due to possible slippage of tires during braking. When driving on icy, snow-covered, or muddy roads, reduce your speed and avoid sudden acceleration, abrupt braking, or sharp steering movements.

### Snow Chains

Snow chains should only be used if they are needed to increase traction or are required by law. Make sure that the chains you use are the correct size for your vehicle's tires. Also make sure that there is enough clearance between the fenders and the chains as installed on the tires.

Install the chains on the front tires tightly, according to the chain manufacturer's instructions. Retighten the chains after driving about 1.0 km if necessary. With the chains installed, drive slowly.

#### **NOTICE**

- **If you hear the chains hitting against the vehicle body while driving, stop and tighten them.**
- **If your vehicle is equipped with full wheel caps, remove the wheel caps before installing the chains or the wheel caps can be damaged by the chain bands.**

## DRIVING TIPS

### Stuck Vehicle

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

- 1) Shift the transmission 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 shifting.  
Do not race the engine. Excessive wheel spin will cause the tires to dig deeper, making it more difficult to free the vehicle.
- 2) If your vehicle remains stuck after a few minutes of rocking, we recommend you to consult a Maruti Suzuki authorised workshop or a roadside assistance service. If a towing service is not available in an emergency, your vehicle may be temporarily towed by other vehicle with a towing cable or chain secured to the towing eye either on the front of the vehicle or on the rear of the vehicle. Refer to "Frame Hooks" in "OTHER CONTROLS AND EQUIPMENT" section.

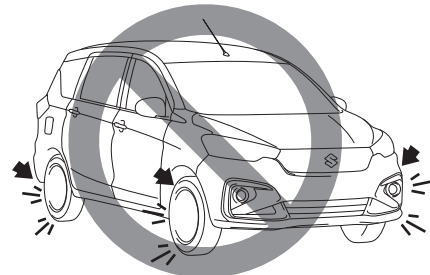
#### ⚠ WARNING

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

#### NOTICE

**Do not continue rocking the vehicle for more than a few minutes. Prolonged rocking can cause engine overheating or transmission damage.**

#### EXAMPLE



54G638S

#### ⚠ WARNING

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

- Make sure your tires are in good condition and always maintain the specified tire pressure. Refer to "Tires" in the "INSPECTION AND MAINTENANCE" section for details.
- Do not use tires other than those specified by MARUTI SUZUKI. Never use different sizes or types of tires on the front and rear wheels. For information regarding the specified tires, refer to the tire information label located on the driver's door lock pillar.
- Never use oversized tires or special shock absorbers and springs to raise (jack up) your vehicle. This will change the handling characteristics. Oversized tires may also rub against the fender over bumps, causing vehicle damage or tire failure.

(Continued)

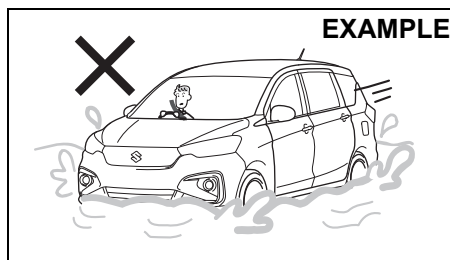
**⚠ WARNING**

(Continued)

- After driving through water, test the brakes while driving at a slow speed to see if they have maintained their normal effectiveness. If the brakes are less effective than normal, dry them by repeatedly applying the brakes while driving slowly until the brakes have regained their normal effectiveness.

**Off-road Driving****Do not drive in the field covered with grown grass**

If you drive in the field covered with grass, it may cause accident or vehicle damage by getting caught in grown grass.

**When Encountering a Flooded Area**

72RM04007

Avoid driving in a flooded area or a deep puddle. If driving in a flooded area is unavoidable, go slowly in the lowest gear. In case that you have driven in a flooded area, stop the vehicle in a safe place while checking the brake effectiveness. Then, ask a Maruti Suzuki authorised workshop to check the following inspection items.

- Function of brake
- Function of electrical components
- Changes of oil level and quality for engine, transmission and differential. In case that the oil is turbid whitely, water has been mixed in the oil and an oil change is required.
- Lubricant condition of the bearings, suspension joints, etc.

**NOTICE**

- Avoid driving in a flooded area or a deep puddle. It may cause an engine stall, short in electrical components, engine and transmission damages, etc.
- If the vehicle get stuck in deep water do not start the engine.

## DRIVING TIPS

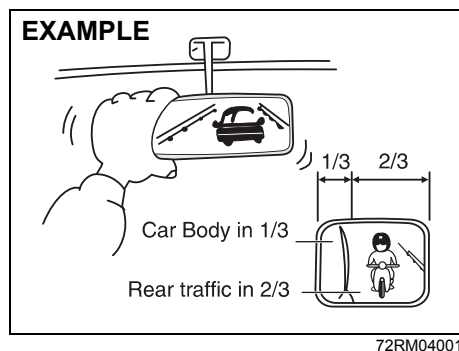
### Do's and Dont's for safe driving

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

Following are basic rules for safe driving. Read them carefully for good understanding of the content so that you can enjoy safe and pleasant driving in your vehicle.

#### Starting

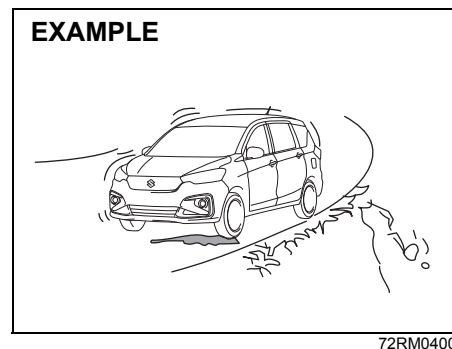
- 1) Adjust the driver's seat for the proper driving posture.
- 2) Adjust the rear view mirror so as to obtain the best possible rear view.



- 3) Before moving, look around your vehicle to confirm safety.
- 4) Don't accelerate suddenly, since it is dangerous and wastes fuel.

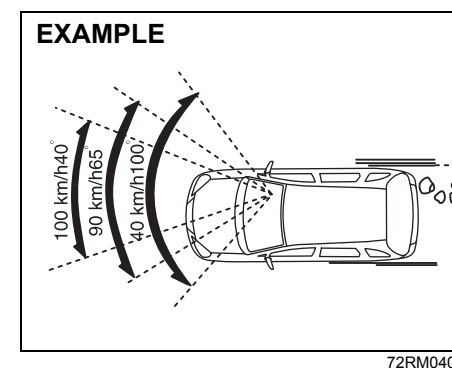
#### General Driving

- 1) Be sure to stop before a stop light or stop sign. When moving into an intersection without any traffic lights or signs, drive slowly to confirm safety.
- 2) Always follow other vehicles at a safe distance in order to prevent a rear-end collision, in case the vehicle ahead makes a sudden stop.



- 3) Turn on the turn signal at least 30 meters before making a turn or changing the lane so as not to be hit.
- 4) Before entering a corner, decelerate to a safe speed. Don't apply brakes during cornering, or skidding may occur.

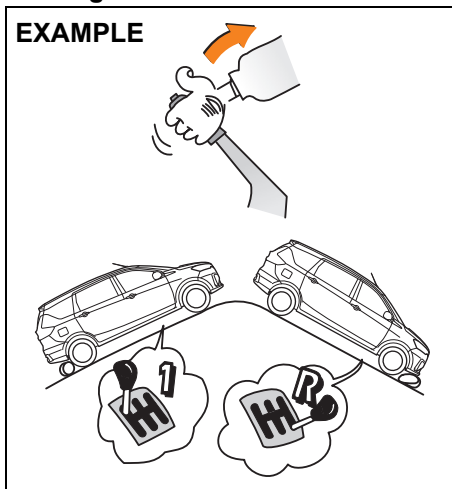
- 5) When overtaking other vehicles, watch out for oncoming vehicles and carefully ensure safety.
- 6) Don't attempt zigzag driving as it will hinder your control over the vehicle and may cause an accident.
- 7) Avoid reckless high speed driving and try to drive at a safe speed suitable for the road conditions while maintaining a constant speed.
- 8) The higher the speed, the narrower the driver's visual range becomes. In such a state, it is difficult to anticipate any hazard and the driver feels fatigued.



- 9) Do not attempt sharp handling during high speed driving. You may lose your control over your vehicle.
- 10) When overtaking or changing lanes while driving at a high speed, keep ample vehicle-to-vehicle distance.

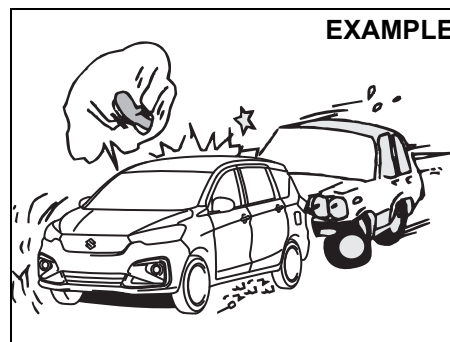
## Braking

### EXAMPLE



72RM04004

- 1) Use the parking brake when parking your vehicle and shift the gear shift lever into the first gear or reverse gear position for the sake of safety.
- 2) Don't use hand-braking unless unavoidable. It causes the vehicle to skid and a collision may occur. It is especially dangerous when the tires are worn out as they skid more.



72RM04005

### Use foot brake in three stages

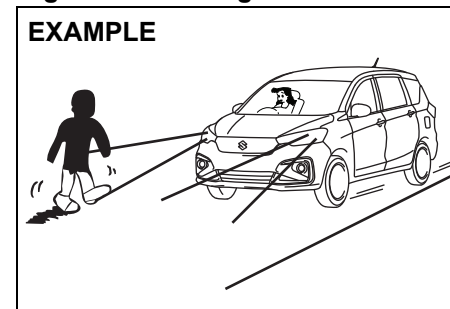
1. Warn the vehicle behind you.
  2. Gradually apply the brake.
  3. Bring the vehicle to a halt.
- 3) When driving downhill, try not to apply the brake but use the engine brake effectively. Overuse of the foot-brake may result in reduction of brake effectiveness.

### Long Distance Driving

- 1) Be sure to perform safety checks before starting a trip.
- 2) Take rest at regular intervals to prevent accidents which may occur due to feeling sleepy or tired.

## Night Time Driving

### EXAMPLE



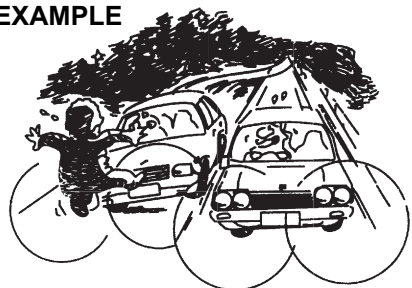
72RM04006

- 1) Drive at lower speeds during the night than in the daytime, as the visual range is restricted at night.
- 2) Avoid overtaking other vehicles at night. Darkness bothers your sense of speed and hinders your judgment of vehicle-to-vehicle distance.

## DRIVING TIPS

---

### EXAMPLE



72F-08-021

- 3) Don't use headlights on high beam unless its use is inevitable. It may cause visual impairment to the driver of the oncoming vehicle or the vehicle ahead of you, which may cause an accident.
- 4) Always keep the window glasses clean. Don't operate the windshield wiper when the windshield glass is dry else the wiper blade and glass may get damaged.

### Margin for safety

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

- Drive at a safe speed.
- Maintain a sufficient distance between your vehicle and the vehicle ahead.
- Don't force yourself to overtake other vehicles.
- Don't accelerate suddenly, steer sharply or stop suddenly.
- Keep ample gaps between driving schedules.
- Observe traffic rules and regulations.

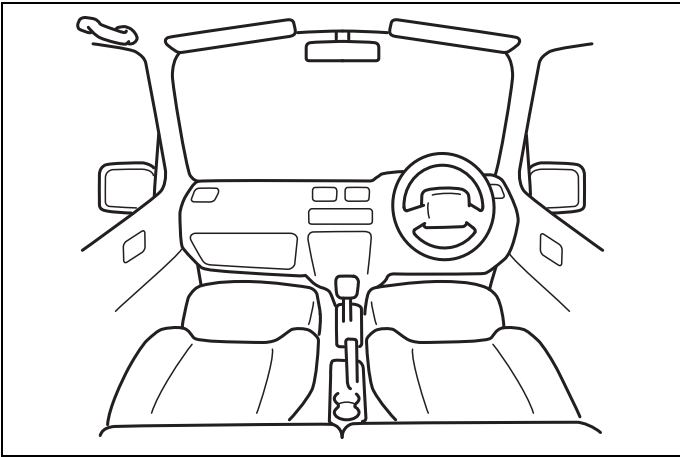
### Conclusion

A perfect driver does not exist. The endeavour of every motorist should be to strive for perfection. Safety consciousness not only ensures your safety and the safety of other road users, it also helps reduce the wear and tear on your vehicle, lengthens its life, gives better fuel efficiency and ensures a comfortable driving experience.

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



OTHER CONTROLS AND EQUIPMENT



60G407

Heating and Air Conditioning System ..... 5-1

Radio Antenna ..... 5-9

Installation of Radio Frequency Transmitters ..... 5-9

Audio System ..... 5-9

Fuel Filler Cap ..... 5-42

Engine Hood ..... 5-43

Sun Visor ..... 5-45

Interior Light ..... 5-46

Accessory Socket ..... 5-47

Assist Grips ..... 5-48

Glove Box ..... 5-49

AUX/USB Socket ..... 5-50

Cup Holder and Storage Area ..... 5-50

Front Seat Back Pocket (if equipped) ..... 5-52

Luggage Box (if equipped) ..... 5-53

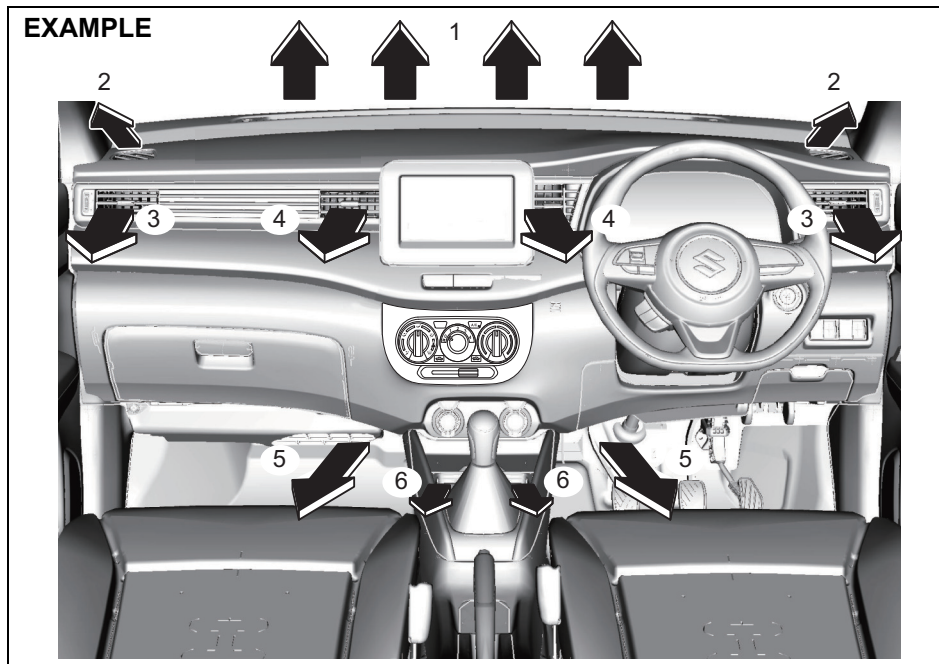
Frame Hooks ..... 5-53

## OTHER CONTROLS AND EQUIPMENT

### Heating and Air Conditioning System

#### Air Outlet

EXAMPLE



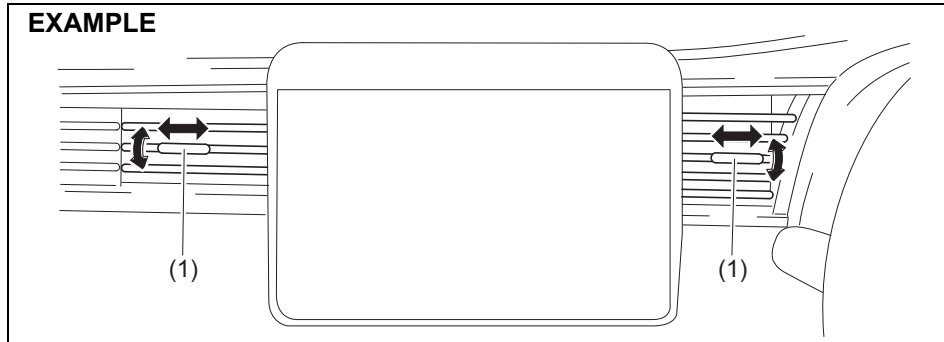
72RM05002

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

## OTHER CONTROLS AND EQUIPMENT

### Center outlet

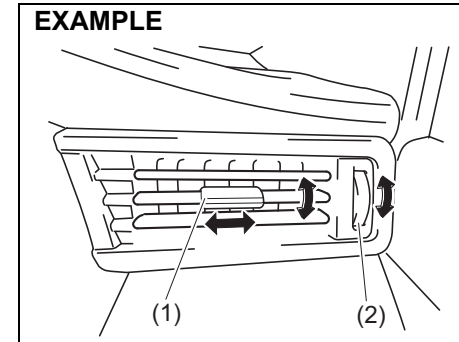
#### EXAMPLE



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

### Side outlet

#### EXAMPLE



When open, air comes out regardless of the air flow selector position.

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

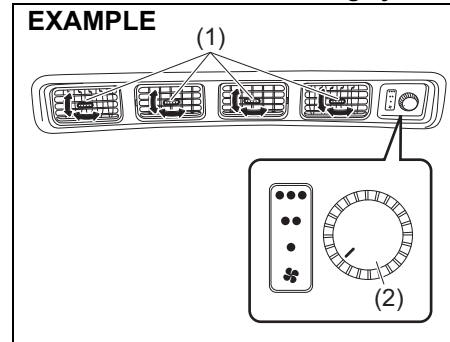
The side outlet opens when you turn the dial (2) upward and closes when you turn it downward.

## OTHER CONTROLS AND EQUIPMENT

### ⚠ CAUTION

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

### Overhead rear air conditioning system



To turn on the overhead rear air conditioning system, set the blower speed selector of the heating and air conditioning system to a position other than off and push in "A/C" switch. Refer to "Air conditioning switch" in this section. And set the rear blower speed selector (2) to a position other than off.

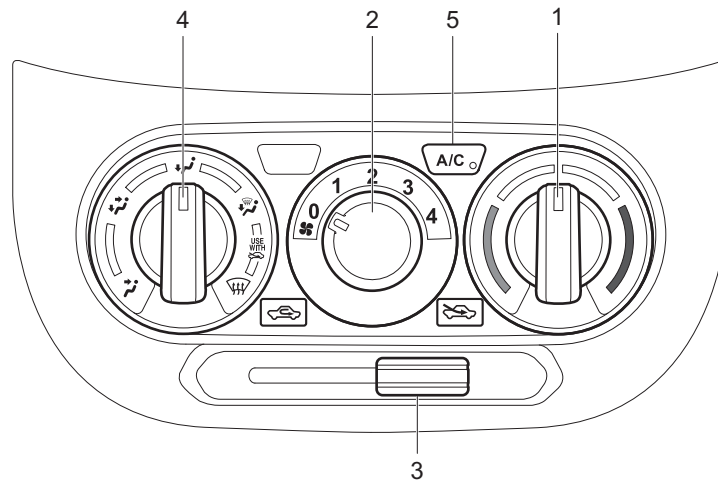
Move the knob (1) vertically or horizontally to adjust the direction of air flow as desired.

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

### Description of Controls

#### EXAMPLE



72R0015

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

#### Temperature selector (1)

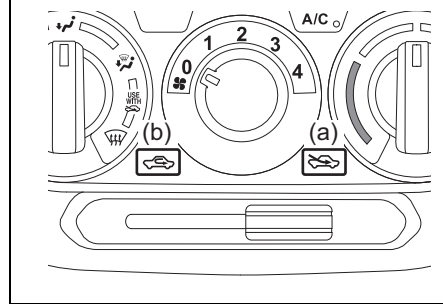
This is used to adjust the temperature.

#### Blower speed selector (2)

This is used to turn on the blower and to select blower speed.

#### Air intake selector (3)

##### EXAMPLE



72R0016

This selector is used to select the following modes.

#### FRESH AIR (a)

When this mode is selected by moving the lever to right, outside air comes in.

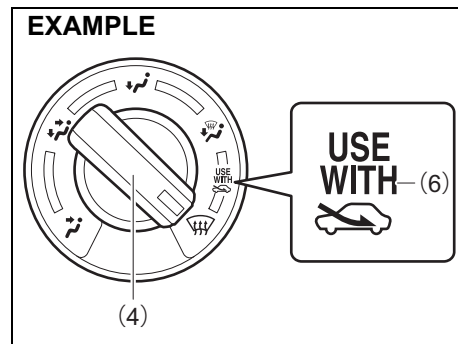
## OTHER CONTROLS AND EQUIPMENT

### RECIRCULATED AIR (b)

When this mode is selected by moving the lever to left, 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 or warm up the interior.

#### NOTE:

If you select RECIRCULATED AIR for an extended period of time, the air in the vehicle can become contaminated and the windows tend to get misted. Therefore, you should occasionally select FRESH AIR.

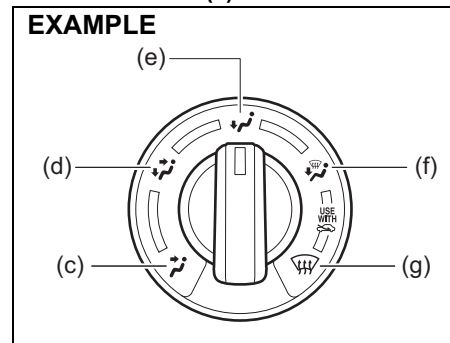


52RS50181

#### NOTE:

The mark of "USE WITH" (6)  
To clear fog on the windshield and/or the side windows quickly, set the air flow selector (4) to "HEAT & DEFROST" or "DEFROST" and air intake selector (3) to "FRESH AIR". These positioning will clear the fogged windshield and/or the side windows faster than the "RECIRCULATED AIR".

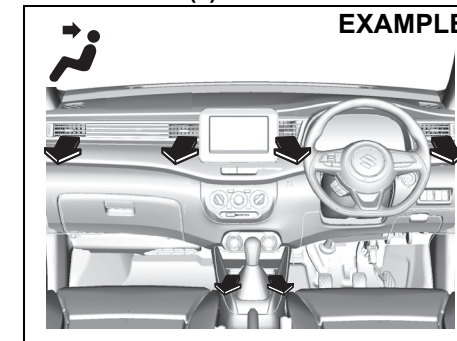
### Air flow selector (4)



52RM50250

This is used to select one of the following functions.

### VENTILATION (c)



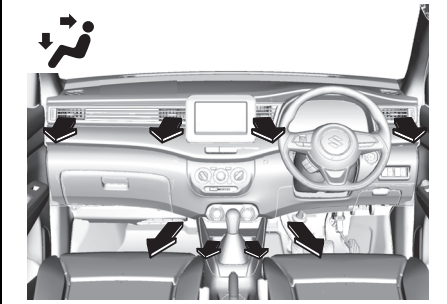
72R0144

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

## OTHER CONTROLS AND EQUIPMENT

### BI-LEVEL (d)

#### EXAMPLE

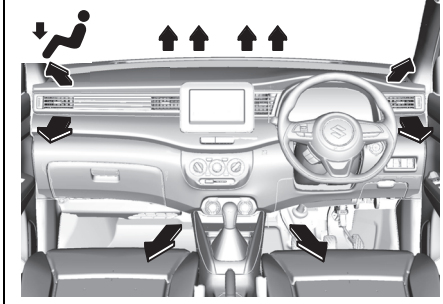


72R0129

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

### HEAT (e)

#### EXAMPLE

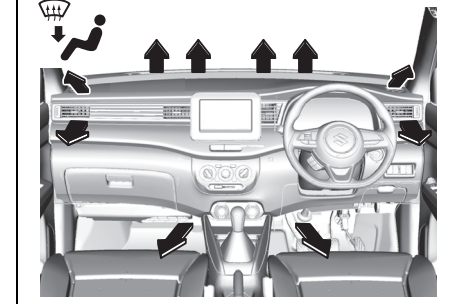


72R0017

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

### HEAT & DEFROST (f)

#### EXAMPLE



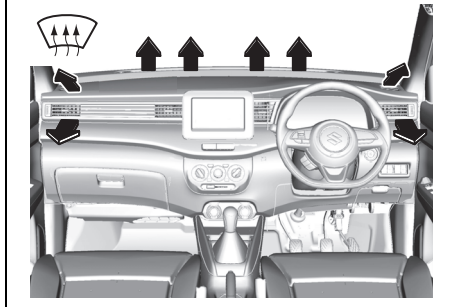
72R0018

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

## OTHER CONTROLS AND EQUIPMENT

### DEFROST (g)

#### EXAMPLE



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

#### Air conditioning switch (5)

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

### 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 base 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 base 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.

#### Head cooled/Feet warmed heating

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

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, and turn on "A/C" switch. 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 base 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 and the windows tend to get misted. Therefore, you should select FRESH AIR whenever possible.



## OTHER CONTROLS AND EQUIPMENT

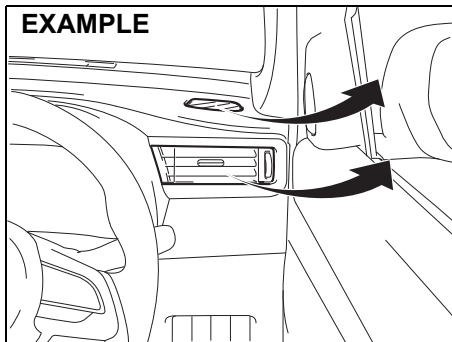
- If your vehicle has been left in the sun with the windows closed, it will cool faster if you open the windows briefly while you operate the air conditioner with the air intake selector at FRESH AIR and the blower at high speed.

### Dehumidifying

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

#### NOTE:

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



72R0012

#### NOTE:

If you need maximum defrosting:

- select DEFROST and FRESH AIR,
- set the blower speed selector to high,
- adjust the temperature selector to the hot end,
- turn on "A/C" switch, and
- adjust the side outlets so the air blows on the side windows.

### Maintenance

If you do not use the air conditioner for a long period, such as during winter, it may not give the best performance when you start using it again. To help maintain optimum performance and durability of your air conditioner, it needs to be run periodically. Operate the air conditioner at least once a month for one minute with the engine idling. This circulates the refrigerant and oil and helps protect the internal components.

If your air conditioner is equipped with air filters, clean or replace them as specified in "Maintenance schedule" in "INSPECTION AND MAINTENANCE" section.

#### NOTE:

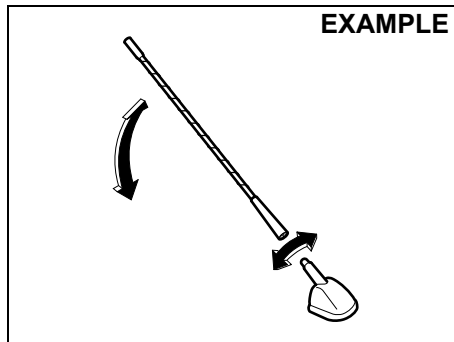
Your vehicle uses the air conditioning refrigerant HFC-134a, commonly called "R-134a". R-134a replaced R-12 around 1993 for automotive applications. Other refrigerants are available, including recycled R-12, but only R-134a should be used in your vehicle.

### NOTICE

Using the wrong refrigerant may damage your air conditioning system. Use R-134a only. Do not mix or replace the R-134a with other refrigerants.

## OTHER CONTROLS AND EQUIPMENT

### Radio Antenna



68KH052

The radio antenna on the roof is removable. To remove the antenna, turn it counterclockwise. To reinstall the antenna, turn it clockwise firmly by hand.

#### NOTICE

To avoid damage to the radio antenna:

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

### Installation of Radio Frequency Transmitters

We recommend that you always ask a Maruti Suzuki authorised workshop about frequency band, max output power, antenna position at vehicle and specific conditions for installation and/or use before installing a radio transmitter in your vehicle. Such equipments may cause the electronic control system to malfunction if they are incorrectly installed or they are not suited for the vehicle.

### Audio System

#### Safety Information

#### ⚠ WARNING

If you pay too much attention to operating the audio system or watching 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 too much attention to operating the audio system or watching 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 surrounding road and traffic conditions while driving.

## OTHER CONTROLS AND EQUIPMENT



The Bluetooth® word mark and logo are registered trademarks and are owned by the Bluetooth SIG, Inc.

### Stop using this unit and a Bluetooth® ready device whenever requested.

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

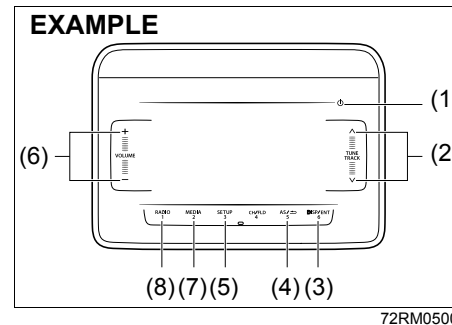
You should stop using this unit immediately whenever you are notified that your unit disturbs other wireless communication.

#### NOTE:

For vehicle equipped with SMARTPLAY INFOTAINMENT SYSTEM, refer to the audio manual available with the vehicle.

Remote controller is not provided with the vehicles equipped with SMARTPLAY INFOTAINMENT SYSTEM.

### Basic Operations



- (1) POWER button
- (2) "TUNE/TRACK" Up/Down button
- (3) "ENT" (enter) button
- (4) BACK button
- (5) "SETUP" button
- (6) "VOLUME" button
- (7) "MEDIA" button
- (8) "RADIO" button

### Turning power on/off

Touch the POWER button (1).

The audio system starts in the function mode it was in when the power was turned off last.

- Touching the POWER button (1) for 1 second or longer can turn off the audio system.

### Slide touch operation

Operate several functions with the slide touch operation. Touch the panel and slide up or down with your finger for increase/decrease or up/down operation.



#### NOTE:

Pay caution to the following content regarding slide touch operation:

- The touch button may not operate properly when the touch panel or your fingers are wet. Remove any liquid before operating.
- Depending on the operation method it may react without touching.
- It may not react properly when operated with gloves on.
- When metal objects are placed near the touch panel it may cause a malfunction.
- Do not attach protective film. Otherwise, the touch panel may not operate properly.



## OTHER CONTROLS AND EQUIPMENT

### Functions available with the slide touch operation

Mode	Function		
Common	Volume up/down	O	–
	Item selection	–	O
Radio	TUNE up/down	–	O
USB	File up/down	–	O
	Folder up/down (folder operation mode)	–	O
iPod®	TRACK up/down	–	O
	Category selection (iPod® menu)	–	O
Bluetooth® audio	TRACK up/down	–	O
	Group up/down (Group operation mode)	–	O
Hands-free	Reception/ringtone/incoming call volume up/down	O	–
	Switching pages of the speed dial selection screen	–	O

### Adjusting the volume

Touch or slide the “VOLUME” button (6).

- To increase the volume, touch  or slide upwards.
- To decrease the volume, touch  or slide downwards.

#### NOTE:

While driving, adjust the volume to an extent that sound and/or noise coming from outside can be heard.

### Sound settings

- 1) Touch the “SETUP” button (5).
  - Touch for 1 second or longer when using radio mode.
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (2), select “Sound”, and touch the “ENT” button (3).
  - The sound setting screen will be displayed.
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (2), select the desired item, and touch the “ENT” button (3).
  - The sound settings will change as follows:
    - EQ ↔ Bass ↔ Treble ↔ Balance ↔ Fader ↔ AVC

### Preset EQ







The preset EQ can set various types of sounds depending on the type of music.

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (2) from the “Sound” screen, select “EQ”, and touch the “ENT” button (3).
  - 2) Touch or slide the “TUNE/TRACK” Up/Down button (2), select the desired item, and touch the “ENT” button (3).
- The preset EQ settings will change as follows:
    - Off (Flat) ↔ Jazz ↔ Rock ↔ Pop ↔ Classic ↔ Hip-hop

## OTHER CONTROLS AND EQUIPMENT

### Adjusting bass/treble/balance /fader

The preset EQ can set various types of sounds depending on the type of music.

- 1) Touch or slide the "TUNE/TRACK" Up/Down button (2) from the "Sound" screen, select "Bass", "Treble", "Balance", or "Fader" and touch the "ENT" button (3).
  - 2) Touch or slide the "TUNE/TRACK" Up/Down button (2), adjust to the desired settings and touch the "ENT" button (3).
- "Bass"/"Treble":
    - Can be adjusted in stages from -6 to 0 to +6.
    - Touch  to emphasize the low or high sounds, and touch  to quiet.
  - "Balance":
    - Can be adjusted in 9 stages left to right.
    - Touch  to emphasize the right speaker, and touch  to emphasize the left speaker.
  - "Fader":
    - Can be adjusted in 9 stages back to front.
    - Touch  to emphasize the front speaker, and touch  to emphasize the rear speaker.

### Adjusting the AVC (Auto volume control)

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

- 1) Touch or slide the "TUNE/TRACK" Up/Down button (2) from the "Sound" screen, select "AVC", and touch the "ENT" button (3).
  - 2) Touch or slide the "TUNE/TRACK" Up/Down button (2), select the desired level, and touch the "ENT" button (3).
- The AVC will change as follows:  
Off ↔ Level 1 ↔ Level 2 ↔ Level 3

### Switching the mode

- 1) Press the "MEDIA" button (7) for 1 second or more in radio mode. You can switch the radio mode to media mode.
- 2) Touch the "RADIO" button (8) in media mode. You can switch the media mode to radio mode.

### System settings

Change the "Beep", "Slide", and "SW Sensitivity" settings.

- 1) Touch the "SETUP" button (5).
- Touch for 1 second or longer when using radio mode.
  - 2) Touch or slide the "TUNE/TRACK" Up/Down button (2), select "System", and touch the "ENT" button (3).
  - The system setting screen will be displayed.
  - 3) Touch or slide the "TUNE/TRACK" Up/Down button (2), select the desired item, and touch the "ENT" button (3).
  - The system settings will change as follows:  
Beep ↔ Slide ↔ SW Sensitivity

### BEEP on/off

- 1) Touch or slide the "TUNE/TRACK" Up/Down button (2) from the "System" screen, select "Beep", and touch the "ENT" button (3).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (2), select on or off, and touch the "ENT" button (3).

### Slide touch operation settings

Turn the slide operation on/off.

- 1) Touch or slide the "TUNE/TRACK" Up/Down button (2) from the "System" screen, select "Slide", and touch the "ENT" button (3).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (2), select on or off, and touch the "ENT" button (3).

## OTHER CONTROLS AND EQUIPMENT

### Touch panel sensitivity settings

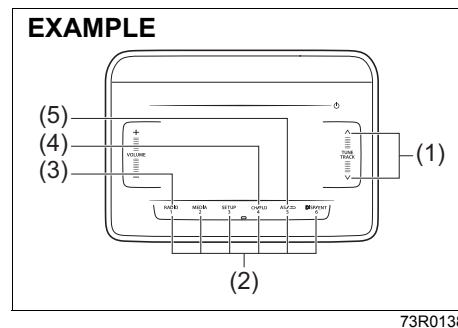
Change the touch panel sensitivity.

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (2) from the “System” screen, select “SW Sensitivity”, and touch the “ENT” button (3).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (2), select Low or High, and touch the “ENT” button (3).

**NOTE:**

If the touch button sensitivity is too high, set to “Low”.

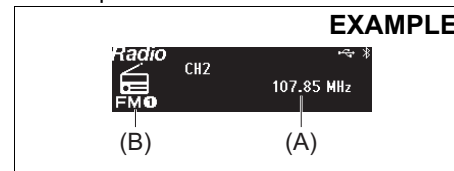
### Radio



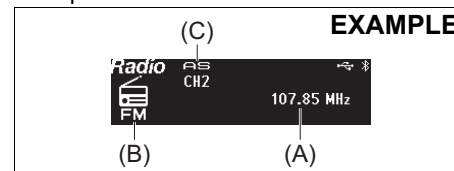
- (1) “TUNE/TRACK” Up/Down button
  - (2) Preset button
  - (3) “RADIO” button\*1
  - (4) “CH” (channel) button
  - (5) “AS” (auto store) button
- \*1 Use this button to switch between manual preset and auto preset.

### Display

#### Manual preset



#### Auto preset



- (A) Frequency  
(B) Band  
(C) Auto Store mode display

**NOTE:**

#### 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.

### Selecting the band

- 1) Touch the “RADIO” button (3) for 1 second or longer.
- Each time the button is touched, the mode will change as follows:
  - AM → FM1 → FM2 → AM (AS) → FM (AS)

### Seek tuning

- 1) Touch the “TUNE/TRACK” Up/Down button (1) for 1 second or longer.
- The audio system stops searching for a station at a frequency where a broadcast station is available.

### Manual tuning

- 1) Touch the “TUNE/TRACK” Up/Down button (1) to select the desired station.

### Storing the station

#### Manual store

- 1) Select the station and frequency.
- 2) Touch and hold the “CH” button (4) for at least 1 second.
- 3) Hold down a desired button ([1] to [6]) of the Preset buttons (2) to which you want to store the station for 2 seconds or longer.

**NOTE:**

6 stations can be stored for AM, and 6 stations for each of FM1 and FM2, thus 18 stations can be stored in total.

## OTHER CONTROLS AND EQUIPMENT

### Auto store

- 1) Touch the "AS" button (5) for 1 second or longer.
- Start searching from a station whose frequency is the lowest. When a broadcast station that can be received with a sufficient strength is discovered, it will be assigned to the AM (AS)/FM (AS) band's preset button (2). Once this process is completed the tuner will return to the first stored broadcast station.

#### NOTE:

- Auto store can be released by touching the "AS" button (5) while auto store is under way.
- When the auto store is performed, the station previously stored in the memory at the position is overwritten.
- 6 stations can be preset for FM, and 6 stations for AM in auto store mode.

### Select from the preset channels

#### Manual preset channel

- 1) Select the radio station and frequency.
- 2) Touch the "CH" button (4) for 1 second or longer.
- 3) Touch a desired button ([1] to [6]) of the Preset buttons (2).

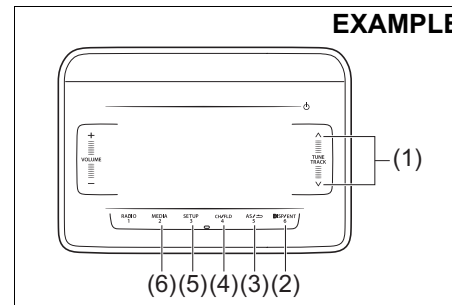
#### NOTE:

*Touch and hold the "CH" button (4) for at least one second to select from the preset channel list.*

### Auto preset channel

- 1) Touch the "RADIO" button (3) for 1 second or longer and select AM (AS) or FM (AS).
- 2) Touch the "CH" button (4) for 1 second or longer.
- The preset channel list is displayed.
- 3) Touch a desired button ([1] to [6]) of the Preset buttons (2).

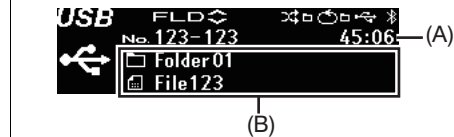
### USB



- (1) "TUNE/TRACK" Up/Down button
- (2) "DISP/ENT" (display/enter) button
- (3) BACK button
- (4) "FLD" (folder operation) button
- (5) "SETUP" (random/repeat) button
- (6) "MEDIA" button

### Display

#### EXAMPLE



- (A) Play time  
(B) Text information display

#### ⚠ WARNING



**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



- 1) Press the "MEDIA" button (6) for 1 second or more for changing from radio mode, or  
Touch the "MEDIA" button (6) if the audio is in other than radio mode.
- Each time the button is touched, the mode will change as follows:  
USB (iPod®) (if equipped) → Bluetooth® audio (if equipped) → AUX (if equipped)...

## OTHER CONTROLS AND EQUIPMENT



### Fast forwarding/Rewinding a track

- 1) Hold down the "TUNE/TRACK" Up/Down button (1).
- : Hold down the Up button for 1 second or longer to fast forward the track.
- : Hold down the Down button for 1 second or longer to fast rewind the track.
- Releasing the button can stop the fast forwarding/rewinding.

### Selecting a track

- 1) Touch the "TUNE/TRACK" Up/Down button (1).
- : Touch the Up button to listen to the next track.
- : When the Down button is touched once, the track currently being played will start from the beginning again. Touch the Down button twice to listen to the previous track.

### Selecting a folder

- 1) Touch the "FLD" (folder operation) button (4).
- 2) Touch the "TUNE/TRACK" Up/Down button (1).
- : Touch the Up button to move to the next folder.
- : Touch the Down button to move to the previous folder.

### Repeat playback

- 1) Touch the "SETUP" (random/repeat) button (5).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Repeat", and touch the "DISP/ENT" button (2).
- Each time the "DISP/ENT" button (2) is touched, the mode will change as follows: Off → One song repeat → Folder repeat ...

### Random playback

- 1) Touch the "SETUP" (random/repeat) button (5).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Random", and touch the "DISP/ENT" button (2). Each time the "DISP/ENT" button (2) is touched, the mode will change as follows: Off → Folder random → All random ...

### Display change

- 1) Touch the "DISP/ENT" button (2).
- Each time the button is touched, display will change as follows:  
MP3/AAC:  
Artist name/Track title → Album name/Track title → Folder name/File name...  
WMA:  
Artist name/Track title → Folder name/File name ...

### NOTE:

- "NO TITLE" will be displayed when there is no text information in the USB device currently being played.
- "... " is displayed if all text data cannot be displayed. Touch and hold the "DISP/ENT" button (2) for at least 1 second to automatically display the rest of the text data.

### Notes on USB device

#### Compatible USB devices

- USB Mass Storage Class  
For details as to whether your USB memory/USB Audio is compatible with USB Mass Storage Class, please contact the USB memory/USB Audio manufacturer.
- Audio file  
MP3 (.mp3)/WMA (.wma)/AAC (.m4a)/AAC (.aac)
- File System  
FAT 12/16/32,VFAT (supporting long file name)
- USB Standard Compatibility  
1.1/2.0 Full Speed
- If a USB hub or extension cable is connected to the audio system, it may not be recognized. In this case, directly connect the USB device to the audio system.
- Devices such as MP3 players/mobile phones/digital cameras may not be recognized as audio systems for playing music.



## OTHER CONTROLS AND EQUIPMENT

### USB device connection

- When connecting a USB device, make sure that the connector is pushed all the way into the port.
- Depending on the USB flash drive that you are using, (non-brand product, USB flash drive that has been externally damaged) it may disable connection or cause unstable operation.
- 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.
- The DRM (Digital Rights Management) file cannot be played.

### Compression formats

#### MP3

- Bit rate
  - MPEG1 Audio Layer III: 32 up to 320 kbps
  - MPEG2 Audio Layer III: 8 up to 160 kbps
  - MPEG2.5 Audio Layer III: 8 up to 160 kbps
- VBR: up to 384 kbps (MAX.)
- Sampling frequency
  - MPEG1 Audio Layer III: 32/44.1/48 kHz
  - MPEG2 Audio Layer III: 16/22.05/24 kHz
  - MPEG2.5 Audio Layer III: 8/11.025/12 kHz
- Channel
  - Stereo/Joint stereo/Dual channel/Monaural
- ID3 tag
  - ID3v1.x/ID3v2.x

#### WMA

- Windows Media Audio Ver.7/Ver.8/Ver.9 Standard compliant
- Bit rate: 32 up to 320 kbps
- VBR: up to 384 kbps (MAX.)
- Sampling frequency: 32/44.1/48 kHz
- WMA tag: Ver.8.0
- Channel: 2 Channels

#### AAC

- Bit rate: 16 up to 320 kbps
- VBR: up to 320 kbps (MAX.)
- Sampling frequency: 32/44.1/48 kHz
- AAC tag: iTunes m4a metadata

### Maximum number of files/folders

- Maximum number of files: 2500
- Maximum number of files in a folder: 255
- Maximum number of folders: 255
  - Root folder and empty folder are included.
- Maximum depth of tree structure: 8

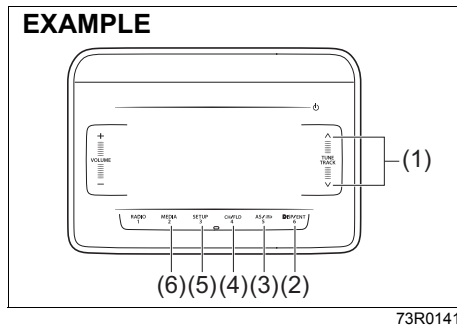
### NOTICE

**Never use “.mp3”, “.wma” or “.m4a” as a file name extension 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.**

## OTHER CONTROLS AND EQUIPMENT

### iPod®

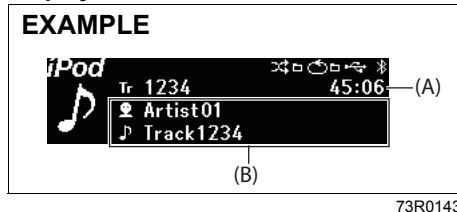
#### EXAMPLE



- (1) "TUNE/TRACK" Up/Down button
- (2) "DISP/ENT" (display/enter) button
- (3) BACK button
- (4) "FLD" (iPod® menu) button
- (5) "SETUP" (shuffle/repeat) button
- (6) "MEDIA" button

### Display

#### EXAMPLE



- (A) Play time
- (B) Text information display

### Selecting an iPod® mode

- 1) Touch the "MEDIA" button (6).
- Each time the button is touched, the mode will change as follows:  
USB (iPod®) (if equipped) → Bluetooth® audio (if equipped) → AUX (if equipped)

### Fast forwarding/Rewinding a track

- 1) Hold down the "TUNE/TRACK" Up/Down button (1).
- : Hold down the Up button for 1 second or longer to fast forward the track.
  - : Hold down the Down button for 1 second or longer to fast rewind the track.
  - Releasing the button can stop the fast forwarding/rewinding.

### Selecting a track

- 1) Touch the "TUNE/TRACK" Up/Down button (1).
- : Touch the Up button to listen to the next track.
  - : When the Down button is touched once, the track currently being played will start from the beginning again. Touch the Down button twice to listen to the previous track.

### Select a category

- 1) Touch the "FLD" (iPod® menu) button (4).
  - 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select the desired category, and touch the "DISP/ENT" button (2).
- The Song selection mode for each category will be displayed as follows.
    - Playlists: Playlists → Songs
    - Artists: Artists → Albums → Songs
    - Songs: Songs
    - Genres: Genres → Artists → Albums → Songs
    - Radio: Station
    - Audiobooks: Audiobooks
    - Podcasts: Podcasts → Episodes
    - i Tunes U: i Tunes U → Episodes

### NOTE:

*Categories is not displayed if the no files in the category.*

### Repeat playback

- 1) Touch the "SETUP" (shuffle/repeat) button (5).
  - 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Repeat", and touch the "DISP/ENT" button (2).
- Touch the "DISP/ENT" button (2). Each time the button is touched, display will change as follows:  
The repeat mode will vary depending on your device.  
Off → 1 song repeat → All repeat ...

## OTHER CONTROLS AND EQUIPMENT

### Random playback

- 1) Touch the “SETUP” (shuffle/repeat) button (5).
  - 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Shuffle”, and touch the “DISP/ENT” button (2).
- Touch the “DISP/ENT” button (2). Each time the button is touched, display will change as follows:  
Off → Shuffle → Album shuffle ...

### Display change

- 1) Touch the “DISP/ENT” button (2).
- Each time the button is touched, display will change as follows:  
Artist name/Track title → Album name/Track title → Playlist name/Track title ...

#### NOTE:

- “NO TITLE” is displayed if the file currently being played has no text data.
- “...” is displayed if all text data cannot be displayed. Touch and hold the “DISP/ENT” button (2) for at least one second to automatically display the rest of the text data.
- “Playlist name/song name” is only displayed by the “FLD” (Menu) button (4) when music is selected from Playlists.

### Notes on iPod®

#### Supported iPod®

- iPod® nano:
  - iPod® nano (7th generation)
- iPod® touch:
  - iPod® touch (6th generation)
- iPod® touch (5th generation)
- iPhone®:
  - iPhone® 5
  - iPhone® 5s
  - iPhone® 5c
  - iPhone® 6
  - iPhone® 6 Plus
  - iPhone® 6s
  - iPhone® 6s Plus
  - iPhone® SE
  - iPhone® 7
  - iPhone® 7 Plus
  - iPhone® 8
  - iPhone® 8 Plus
  - iPhone® X

#### NOTE:

Some functions may not be available depending on the model of iPod®.

### iPod®

#### EXAMPLE



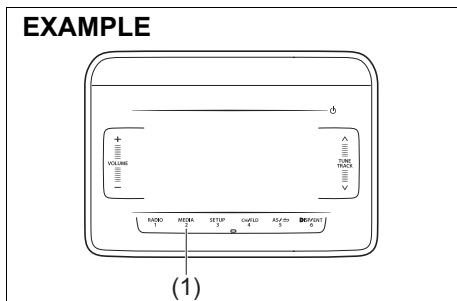
73R0217

- “Made for iPod” and “Made for iPhone” means that an electronic accessory has been designed to connect specifically to iPod® or iPhone®, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this unit or its compliance with safety and regulatory standards.
- Please note that the use of this accessory with iPod® or iPhone® may affect wireless performance.
- iPhone®, iPod®, iPod® classic, iPod® nano, and iPod® touch are trademarks of Apple Inc., registered in the U.S. and other countries.
- Lightning® is a trademark of Apple Inc.

## OTHER CONTROLS AND EQUIPMENT

### AUX

#### EXAMPLE



73R0145

(1) "MEDIA" button

### Display

#### EXAMPLE



73R0146

#### NOTICE

- 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.

#### AUX selection

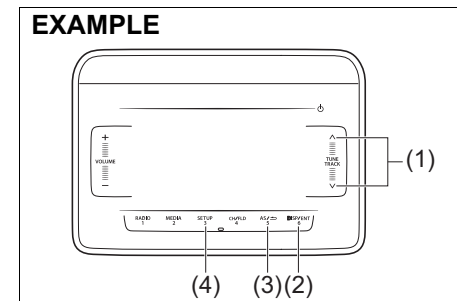
- 1) Touch the "MEDIA" button (1).
- Each time the button is touched, the mode will change as follows:  
USB (iPod®) (if equipped) → Bluetooth® audio (if equipped) → AUX (if equipped)

#### NOTE:

- Please consult your place of purchase for details about whether a given auxiliary audio source can be connected and the proper auxiliary cord to use.

### Setting of Bluetooth® devices

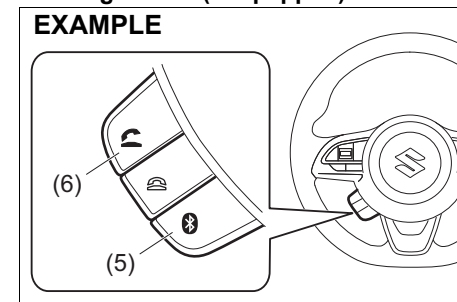
#### EXAMPLE



73R0147

### Steering switch (if equipped)

#### EXAMPLE



73R0148

## OTHER CONTROLS AND EQUIPMENT

- (1) "TUNE/TRACK" Up/Down button
- (2) "ENT" (enter) button
- (3) BACK button
- (4) "SETUP" button
- (5) Bluetooth® button
- (6) Off-hook button

### CAUTION

**Do not register or set the Bluetooth® device while driving. Stop your vehicle in a safe area before registering the device.**

#### Registration of Bluetooth® devices

To use Bluetooth® devices (Bluetooth® audio or mobile phone) on the audio system, it is required to register the Bluetooth® devices to the audio system. Up to 5 Bluetooth® devices can be registered.

#### NOTE:

- Some Bluetooth® enabled phones may not be compatible fully and or partially with the audio unit.
- Bluetooth® / Telephone setup mode can be entered only when the vehicle is stationary.
- Certain functions cannot be used depending on the Bluetooth® device.
- Refer to the user manual included with your device regarding the operation method of Bluetooth® devices.
- If the pairing cannot be established, the connection operation is canceled.  
For the Bluetooth® device pairing

method, refer to the user manual included with your device or try pairing again.

- 1) The Bluetooth® setting screen will be displayed.
    - From the panel button:  
Touch the "SETUP" button (4).  
Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Bluetooth", and touch the "ENT" button (2).
    - From the steering switch  
Press the Bluetooth® button (5).
  - 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Setup Bluetooth", and touch the "ENT" button (2).
  - 3) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Pairing", and touch the "ENT" button (2).
    - The passkey will be displayed.
  - 4) Operate and register the Bluetooth® device.
    - Secure Simple Pairing (SSP) incompatible Bluetooth® device:**  
Enter the passkey into the Bluetooth® device.
    - Secure Simple Pairing (SSP) compatible Bluetooth® device:**  
Select "Yes" to register the Bluetooth® device.
- It is possible to automatically register devices depending on the type of Bluetooth® device.

#### NOTE:

- If the Bluetooth® device contains music player and mobile phone function, both functions will be registered simultaneously. When deleting a Bluetooth® device, both functions will be deleted simultaneously.
- If a mobile phone is not registered and the off-hook button (6) is pressed and the telephone mode is selected, it will automatically switch to "Pairing".
- When pairing with a mobile phone is established, it is possible to automatically transfer the phonebook and call history. If you wish to conduct an automatic transfer press "YES" and if not, press "NO".

#### Set from the list of mobile phones

The list of paired mobile phones is displayed and the various settings can be changed.

- 1) The Bluetooth® setting screen will be displayed.
  - From the panel button:  
Touch the "SETUP" button (4).  
Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Bluetooth", and touch the "ENT" button (2).
  - From the steering switch:  
Press the Bluetooth® button (5).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Setup Bluetooth", and touch the "ENT" button (2).

## OTHER CONTROLS AND EQUIPMENT

- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “List Phone”, and touch the “ENT” button (2).

### **Connect a registered mobile phone**

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (1) from the “List Phone” screen, select the name of the desired mobile phone, and touch the “ENT” button (2).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Select”, and touch the “ENT” button (2).

### **Disconnect a connected mobile phone**

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (1) from the “List Phone” screen, select the name of the desired mobile phone, and touch the “ENT” button (2).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Disconnect”, and touch the “ENT” button (2).
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “YES”, and touch the “ENT” button (2).

### **Delete a registered mobile phone**

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (1) from the “List Phone” screen, select the name of the desired mobile phone, and touch the “ENT” button (2).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Delete”, and touch the “ENT” button (2).
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “YES”, and touch the “ENT” button (2).

### **Set from the Bluetooth® audio list**

The list of paired Bluetooth® audio is displayed and the various settings can be changed.

- 1) The Bluetooth® setting screen will be displayed.
  - From the panel button:  
Touch the “SETUP” button (4).  
Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Bluetooth”, and touch the “ENT” button (2).
  - From the steering switch:  
Press the Bluetooth® button (5).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Setup Bluetooth”, and touch the “ENT” button (2).
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “List Audio”, and touch the “ENT” button (2).

### **Connect a registered Bluetooth® audio**

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (1) from the “List Audio” screen, select the name of the desired Bluetooth® audio, and touch the “ENT” button (2).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Select”, and touch the “ENT” button (2).

### **Disconnect a registered Bluetooth® audio**

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (1) from the “List Audio” screen, select the name of the desired Bluetooth® audio, and touch the “ENT” button (2).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Disconnect”, and touch the “ENT” button (2).
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “YES”, and touch the “ENT” button (2).

### **Delete a registered Bluetooth® audio**

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (1) from the “List Audio” screen, select the name of the desired Bluetooth® audio, and touch the “ENT” button (2).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Delete”, and touch the “ENT” button (2).
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “YES”, and touch the “ENT” button (2).

## OTHER CONTROLS AND EQUIPMENT

### NOTE:

- In case audio device does not re-connect after following above steps, delete your audio device from registered list of audio by following steps 1) to 3) of "Delete a registered Bluetooth® audio" mentioned above. Register the audio device again by referring to "Registration of Bluetooth® devices" and follow steps 1) to 4).
- Some audio device may not re-connect automatically. For such cases, follow steps 1) to 2) of "Connect a registered Bluetooth® audio" mentioned in further pages of this section.

### Select a connection method

It is possible to switch connection methods when the Bluetooth® audio is registered to the audio system and the audio system and Bluetooth® audio are not connected.

- 1) Touch or slide the "TUNE/TRACK" Up/Down button (1) from the "List Audio" screen, select the name of the desired Bluetooth® audio, and touch the "ENT" button (2).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Connect Method", and touch the "ENT" button (2).
- 3) Touch or slide the "TUNE/TRACK" Up/Down button (1), select the connection method, and touch the "ENT" button (2).

- From Car:  
Operate from the audio system to connect to the Bluetooth® device.
- From Audio:  
Operate from the Bluetooth® device to connect to the audio system.

### Change of Passkey

- 1) The Bluetooth® setting screen will be displayed.
- From the panel button:  
Touch the "SETUP" button (4).  
Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Bluetooth", and touch the "ENT" button (2).
- From the steering switch:  
Press the Bluetooth® button (5).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Setup Bluetooth", and touch the "ENT" button (2).
- 3) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Passkey", and touch the "ENT" button (2).
- 4) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "YES", and touch the "ENT" button (2).
- 5) Touch or slide the "TUNE/TRACK" Up/Down button (1), select a number between 0 and 9, and touch the "ENT" button (2).  
Repeat this operation several times.
- Enter the passkey one digit by one digit.
- The passkey must be between 4 to 8 digits.

- In order to cancel the number that you entered and return to the previous digit, touch the BACK button (3).
- If you do not enter a number that is 4 or more digits and re-touch the "ENT" button (2), the passkey will be registered.

### Automatic connection with the Bluetooth® device

If the "Bluetooth Power" is set to ON, turning the ignition switch to ACC will automatically connect the registered Bluetooth® device.

- With the automatic connection, the Bluetooth® device that was connected last will be prioritized.
- 1) The Bluetooth® setting screen will be displayed.
  - From the panel button:  
Touch the "SETUP" button (4).  
Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Bluetooth", and touch the "ENT" button (2).
  - From the steering switch:  
Press the Bluetooth button (5).
  - 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Setup Bluetooth", and touch the "ENT" button (2).
  - 3) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Bluetooth Power", and touch the "ENT" button (2).
  - Touch or slide the "TUNE/TRACK" Up/Down button (1), select "On" or "Off", and touch the "ENT" button (2).

## OTHER CONTROLS AND EQUIPMENT

### NOTE:

- When “Bluetooth Power” is set to “OFF”, the audio system disconnects from the registered Bluetooth® device.
- If “Bluetooth Power” is set to “Off”, the audio system will not automatically reconnect the next time the ignition is switched on.

### The device status will be displayed

- 1) The Bluetooth® setting screen will be displayed.
- From the panel button:  
Touch the “SETUP” button (4).  
Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Bluetooth”, and touch the “ENT” button (2).
- From the steering switch:  
Press the Bluetooth button (5).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Setup Bluetooth”, and touch the “ENT” button (2).
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Bluetooth Info”, and touch the “ENT” button (2).
- 4) Touch or slide the “TUNE/TRACK” Up/Down button (1), select the desired status, and touch the “ENT” button (2).
- To display the device name, select “Device Name”.
- To display the device address, select “Device Address”.

### Initialize

It is possible to initialize the audio system's Bluetooth® settings or device information.

### ⚠ CAUTION

- **Do not initialize the settings while driving. Stop your vehicle in a safe area before initializing the device.**
- **Initialize with caution. Initialized settings and history cannot be restored.**

- 1) The Bluetooth® setting screen will be displayed.
- From the panel button:  
Touch the “SETUP” button (4).  
Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Bluetooth”, and touch the “ENT” button (2).
- From the steering switch:  
Press the Bluetooth button (5).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Setup Bluetooth”, and touch the “ENT” button (2).
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Initialize”, and touch the “ENT” button (2).
- 4) Touch or slide the “TUNE/TRACK” Up/Down button (1), select the item that you want to initialize item, and touch the “ENT” button (2).

- HF Sound Setting:
  - Reception/ringtone volume
  - Incoming call volume
- Vehicle Device Info:
  - Passkey
- All Initialize:
  - Reception/ringtone volume
  - Incoming call volume
  - Bluetooth audio volume
  - Pairing registration
  - Phonebook/history
  - Speed dial
  - Connect Method
  - Bluetooth Power
  - Auto Transfer
- 5) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “YES”, and touch the “ENT” button (2).



## OTHER CONTROLS AND EQUIPMENT

### Notes on Bluetooth®

#### EXAMPLE



73R0209

- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Denso Ten Limited is under license. Other trademarks and trade names are those of their respective owners.  
This telecommunication equipment conforms to the requirements of the National Telecommunications Commission.
- Stop using this unit and a Bluetooth® ready device whenever requested.  
This unit shares the communication frequency with other private or public wireless communication equipment such as a wireless LAN and other wireless communication radios.  
You should stop using this unit immediately whenever you are notified that your unit disturbs other wireless communication.

#### Profile

- SSP (Secure Simple Pairing)
- PBAP (Phone Book Access Profile)
- OPP (Object Push Profile)
- HFP (Hand-Free Profile)
- A2DP (Advanced Audio Distribution Profile)
- AVRCP (Audio/Video Remote Control Profile)

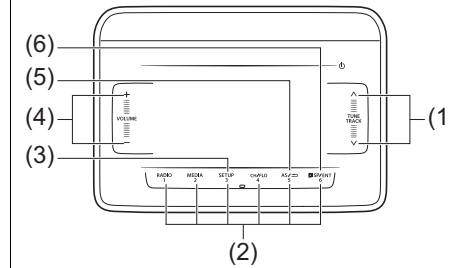
#### Disclaimer for Bluetooth® function

- Depending on the mobile phone models, some phones may not be compatible fully or partially (some function may be restricted).
- Media playback through third-party applications may have limited support.
- Playback, display contents, connectivity or voice quality etc. may get affected depending on circumstances.
- After the ignition switch is turned to the "ON" position, the audio system takes few seconds to detect and connect to the Bluetooth® device (if already paired).
- Make sure that you are aware of all applicable local laws and accordingly use Bluetooth® device.

### Bluetooth® hands-free (if equipped)

To use Bluetooth® devices (Bluetooth® audio or mobile phone) on the audio system, it is required to register the Bluetooth® devices to the audio system by "Bluetooth Settings".

#### EXAMPLE



73R0150

### Display

#### EXAMPLE

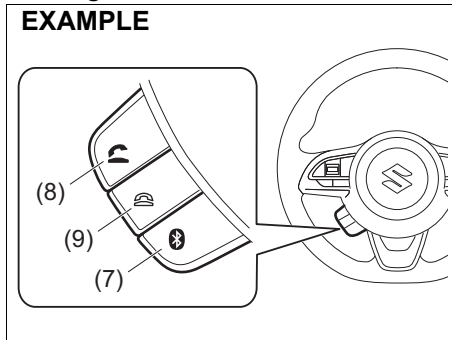


73R0151

## OTHER CONTROLS AND EQUIPMENT

### Steering switch

#### EXAMPLE



- (6) "ENT" (enter) button
- (7) Bluetooth® setting button
- (8) Off-hook button
- (9) On-hook button
- (10) Mute button
- (11) "VOL" (volume) button

#### NOTICE

- **Do not leave your mobile phone inside your vehicle. If the temperature inside the vehicle increases, it may damage your mobile phone.**
- **When disposing your vehicle, make sure to delete all personal information saved to the audio system.**
- **The following hands-free data must be deleted from the audio system.**
  - Speed dial
  - Reception history/Incoming call history
  - Bluetooth® phonebook data

#### NOTE:

- Please keep your phone volume low. The person's voice who you are talking to may be heard outside of the vehicle and increase the voice echo. When talking on the phone, speak clearly towards the microphone.
- In the following cases, your voice may not be heard clearly by the person on the other line:
  - When driving on unpaved roads. (If there is loud traffic noise.)
  - When driving at high speeds.

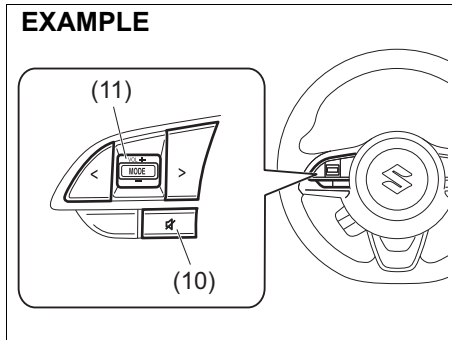
- When driving with the window open.
- If the air conditioner is blowing directly towards the microphone.
- When the sound of the air conditioner fan is loud.
- When there is an adverse effect to the sound quality of the phone or network that you are using.

- The audio system may not function under the following conditions.
  - When the phone power is not turned on.
  - When the mobile phone is out of service.
  - When the mobile phone is not connected.
  - When the mobile phone battery is low
- The Bluetooth's hands-free operation is dependent upon the mobile phone's compatibility.
- The Bluetooth's hands-free performance is affected by the driving conditions of mobile phone networks, handsets and vehicles.
- The audio system's performance may be restricted due to the model of your mobile phone.

It is possible to register a mobile phone and register the phone number to the audio system as follows:

- Up to 1,000 phone numbers can be saved for every registered mobile phone.

#### EXAMPLE



- (1) "TUNE/TRACK" Up/Down button
- (2) Speed dial button (1-6)
- (3) "SETUP" button
- (4) "VOLUME" button
- (5) BACK button

## OTHER CONTROLS AND EQUIPMENT

- Up to 30 phone numbers can be saved to the call history menu (missed calls/incoming/outgoing calls.)
  - When the call history exceeds 30 calls, they are deleted from the oldest one first, and the latest call history information is displayed in descending order.
- Up to 6 phone numbers can be saved to the speed dial list.

### Answer the phone

- 1) Press the off-hook button (8).
- When you press the on-hook button (9) during an incoming call, you can block the call. (Only for compatible phone units)

### NOTE:

- *If you receive a call from a registered phone, the caller's name will appear on the screen.*
- *If you receive a call from an unregistered phone, only the caller's phone number will appear on the screen.*

### Hang up the phone

- 1) When the call is finished, press the on-hook button (9).

### Make a call on call waiting

When the screen is displayed during a call, it is possible to hold the call and answer the other incoming call.

- 1) When an incoming call is received during a call, press the off-hook button (8).
- When the call is on hold, it will connect to the other incoming call.
  - To end the call waiting, press the off-hook button (8).
  - When the call waiting is completed, the call on hold will connect.
  - When switching the caller, press the off-hook button (8) again while using the call waiting.

### NOTE:



*This function can only be used with phone units that are compatible with call waiting.*

### Mute the ringtone volume

- 1) Press the mute button (10).
- To deactivate the mute volume, press the mute button (10).

### Adjust the volume



#### Adjust the reception volume

- 1) Touch or slide the "VOLUME" button (4) or press the "VOL" button (11) during a call.
- To increase the volume, touch  or slide upwards.
  - To decrease the volume, touch  or slide downwards.

### NOTE:

*The volume and microphone sensitivity settings vary depending on the specifications of each mobile phone.*

### Adjust the ringtone volume



- 1) Touch or slide the "VOLUME" button (4) or press the "VOL" button (11) during an incoming call.
- To increase the volume, touch  or slide upwards.
  - To decrease the volume, touch  or slide downwards.

### Adjust the volume with the Bluetooth® settings

- 1) Display the Bluetooth® setup menu.
- From the panel button:
    - Touch the "SETUP" button (3).
    - Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Bluetooth", and touch the "ENT" button (6).
  - From the steering switch:
    - Press the Bluetooth® button (7).
  - 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Setup Telephone", and touch the "ENT" button (6).
  - 3) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "HF Sound Setting", and touch the "ENT" button (6).
  - 4) Touch or slide the "TUNE/TRACK" Up/Down button (1), select the item that you want to adjust, and touch the "ENT" button (6).
- Call Volume: Reception/ringtone volume
  - Ringtone Volume: Incoming call volume

## OTHER CONTROLS AND EQUIPMENT

5) Touch or slide the “VOLUME” button (4).

- To increase the volume, touch  or slide upwards.
- To decrease the volume, touch  or slide downwards.

### Make a call

Press the off-hook button (8) to enter the telephone mode.

### Use the phonebook

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Phonebook”, and touch the “ENT” button (6).
  - 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select the desired initials, and touch the “ENT” button (6).
  - 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select the contact number, and touch the “ENT” button (6).
- If there are multiple phone numbers for a single contact, touch or slide the “TUNE/TRACK” Up/Down button (1), select the phone number, and touch the “ENT” button (6).
- 4) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Yes”, and touch the “ENT” button (6) or press the off-hook button (8).

### Use the call history

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “All Calls,” “Missed Calls”, “Incoming Calls” or “Outgoing Calls” and touch the “ENT” button (6).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select the contact number, and touch the “ENT” button (6).
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Yes”, and touch the “ENT” button (6) or press the off-hook button (8).

### Use the speed dial

- 1) Press the Off-hook button (8) for 1 second or longer.
- 2) Touch the desired speed dial button (2) (1-6).
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “YES”, and then touch the “ENT” button (6) or press the Off-hook button (8).

### NOTE:

*Speed dial numbers must be registered before this function can be used.*

### Transfer/delete the phonebook

- 1) Display the Bluetooth® setup menu.
- From the panel button:  
Touch the “SETUP” button (3).  
Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Bluetooth”, and touch the “ENT” button (6).
  - From the steering switch:  
Press the Bluetooth® button (7).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Setup Telephone”, and touch the “ENT” button (6).
  - 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Setup Phonebook”, and touch the “ENT” button (6).

### Transfer all contacts from your mobile phone

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (1) from the “Setup Phonebook” screen, select “Add Contacts”, and touch the “ENT” button (6).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Overwrite All”, and touch the “ENT” button (6).
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “YES”, and touch the “ENT” button (6).

## OTHER CONTROLS AND EQUIPMENT

### Transfer 1 contact from your mobile phone

- 1) Touch or slide the "TUNE/TRACK" Up/Down button (1) from the "Setup Phonebook" screen, select "Add Contacts", and touch the "ENT" button (6).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Add One Contact", and touch the "ENT" button (6).
- 3) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "YES", and touch the "ENT" button (6).

### Delete the registered phonebook

- 1) Touch or slide the "TUNE/TRACK" Up/Down button (1) from the "Setup Phonebook" screen, select "Delete Contacts", and touch the "ENT" button (6).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select the desired initials from the list or "All", and touch the "ENT" button (6).
- When you select "All", it will transition to step 4.
- 3) Touch or slide the "TUNE/TRACK" Up/Down button (1), select the desired name from the list, and touch the "ENT" button (6).
- 4) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "YES", and touch the "ENT" button (6).

### Transfer/delete the call history

- 1) Display the Bluetooth® setup menu.
  - From the panel button:  
Touch the "SETUP" button (3).  
Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Bluetooth", and touch the "ENT" button (6).
  - From the steering switch:  
Press the Bluetooth® button (7).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Setup Telephone", and touch the "ENT" button (6).
- 3) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Setup Call History", and touch the "ENT" button (6).

### Transfer the call history

- 1) Touch or slide the "TUNE/TRACK" Up/Down button (1) from the "Setup Call History" screen, select "Overwrite History", and touch the "ENT" button (6).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "YES", and touch the "ENT" button (6).

### Delete the call history

- 1) Touch or slide the "TUNE/TRACK" Up/Down button (1) from the "Setup Call History" screen, select "Delete History", and touch the "ENT" button (6).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "All Calls", "Missed Calls", "Incoming Calls" or "Outgoing Calls" and touch the "ENT" button (6).
- 3) Touch or slide the TUNE/TRACK Up/Down button (1), select the desired data from the history or select "All", and then touch the "ENT" button (6).
- 4) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "YES", and touch the "ENT" button (6).

### Registration / deletion of speed dial

- 1) Display the Bluetooth® setup menu.
  - From the panel button:  
Touch the "SETUP" button (3).  
Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Bluetooth", and touch the "ENT" button (6).
  - From the steering switch:  
Press the Bluetooth® button (7).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Setup Telephone", and touch the "ENT" button (6).
- 3) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Setup Speed Dials", and touch the "ENT" button (6).

## OTHER CONTROLS AND EQUIPMENT

### Registration in speed dial

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (1) from the “Setup Speed Dials” screen, select “Add Speed Dial”, and touch the “ENT” button (6).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select the phonebook or call history, and touch the “ENT” button (6).
  - When you select the call history, it will transition to step 4.
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select the desired initials from the list and touch the “ENT” button (6).
- 4) Touch or slide the “TUNE/TRACK” Up/Down button (1), select the contact number, and touch the “ENT” button (6).
- If there are multiple phone numbers for a single contact, touch or slide the “TUNE/TRACK” Up/Down button (1), select the phone number, and touch the “ENT” button (6).
- 5) Touch or slide the “TUNE/TRACK” Up/Down button (1), select the speed dial number that you want to register, and touch the “ENT” button (6).

### Deletion of speed dial

- 1) Touch or slide the “TUNE/TRACK” Up/Down button (1) from the “Setup Speed Dials” screen, select “Delete Speed Dials”, and touch the “ENT” button (6).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select the speed dial number that you want to delete, and touch the “ENT” button (6).
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “YES”, and touch the “ENT” button (6).

### Automatic transfer of the phonebook/call history

When registering the mobile phone, you can select to automatically transfer the phonebook and call history from your device. Select according to the following steps.

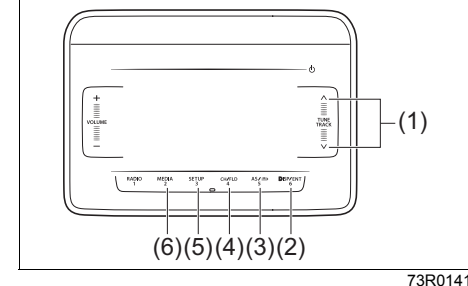
- 1) Display the Bluetooth® setup menu.
  - From the panel button:  
Touch the “SETUP” button (3).  
Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Bluetooth”, and touch the “ENT” button (6).
  - From the steering switch:  
Press the Bluetooth® button (7).
- 2) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Setup Telephone”, and touch the “ENT” button (6).
- 3) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “Auto Transfer”, and touch the “ENT” button (6).

- 4) Touch or slide the “TUNE/TRACK” Up/Down button (1), select “On” or “Off”, and touch the “ENT” button (6).

### Bluetooth® audio

To use Bluetooth® devices (Bluetooth® audio or mobile phone) on the audio system, it is required to register the Bluetooth® devices to the audio system by “Bluetooth® Settings”.

#### EXAMPLE

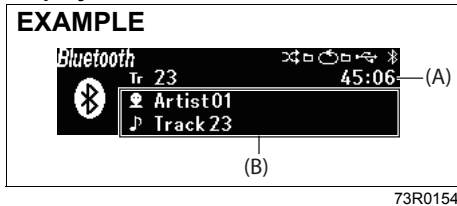


- (1) “TUNE/TRACK” Up/Down button
- (2) “DISP/ENT” (display/enter) button
- (3) BACK button
- (4) “FLD” (group operation) button
- (5) “SETUP” (random/repeat) button
- (6) “MEDIA” button

## OTHER CONTROLS AND EQUIPMENT

### Display

#### EXAMPLE



73R0154

(A) Playback time

(B) Text information display

#### NOTE:

Some functions may not be usable on some Bluetooth® devices.

#### Selecting the Bluetooth® audio

- 1) Press the "MEDIA" button (6) for 1 second or more for changing from radio mode, or Touch the "MEDIA" button (6) if the audio is in other than radio mode.
- Touch the "MEDIA" button (6). Each time the button is touched, the mode will change as follows:  
USB (iPod®) (if equipped) → Bluetooth® audio (if equipped) → AUX (if equipped)

#### Fast forwarding/Rewinding a track

- 1) Hold down the "TUNE/TRACK" Up/Down button (1).
- : Hold down the Up button for 1 second or longer to fast forward the track.
- : Hold down the Down button for 1 second or longer to fast rewind the track.

- Releasing the button can stop the fast forwarding/rewinding.

#### Selecting a track

- 1) Touch the "TUNE/TRACK" Up/Down button (1).
- : Touch the Up button to listen to the next track.
- : When the Down button is touched once, the track currently being played will start from the beginning again. Touch the Down button twice to listen to the previous track.

#### Selecting a group (only for supported models)

- 1) Touch the "FLD" (group operation) button (4).
- 2) Touch the "TUNE/TRACK" Up/Down button (1).
- : Touch the Up button to go to the next group.
- : Touch the Down button to go to the previous group.

#### Repeat playback

- 1) Touch the "SETUP" (random/repeat) button (5).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Repeat", and touch the "DISP/ENT" button (2).
- Each time the "DISP/ENT" button (2) is touched, display will change as follows:  
Off → One song repeat → Group repeat (if available) ...

#### Random playback

- 1) Touch the "SETUP" (random/repeat) button (5).
- 2) Touch or slide the "TUNE/TRACK" Up/Down button (1), select "Random", and touch the "DISP/ENT" button (2)
- Each time the "DISP/ENT" button (2) is touched, display will change as follows:  
Off → Group random → All random ...

#### Display change

- 1) Touch the "DISP/ENT" button (2).
- Each time the button is touched, display will change as follows:  
Artist name/Track title → Album name/Track title ...

#### NOTE:

- "NO TITLE" will be displayed when there is no text information in the USB device currently being played.
- "... " is displayed if all text data cannot be displayed. Touch and hold the "DISP/ENT" button (2) for at least one second to automatically display the rest of the text data.

## OTHER CONTROLS AND EQUIPMENT

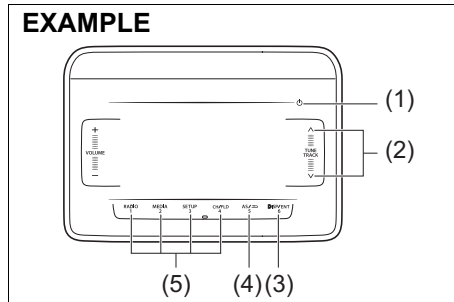
### Anti-Theft Feature

The anti-theft function is intended to discourage thefts, such as that the audio system becomes inoperable when it is installed on other vehicles.

This function works by entering a Personal Identification Number (PIN).

When the unit is disconnected from its power source, such as when the audio system is removed or the lead-acid battery is disconnected, the unit will become inoperable until the PIN is reentered.

#### EXAMPLE



73R0155

- (1) POWER button
- (2) List selection button
- (3) "ENT" (enter) button
- (4) BACK button
- (5) PIN entry button (1-4)

### Display

#### EXAMPLE



73R0156

### Setting the Anti-Theft Function

- 1) Touch the POWER button (1) for 1 second or longer to power off the audio system.
- 2) Hold down the button numbered [1] of the PIN entry button (5) and the "ENT" button (3) and touch the POWER button (1).
- "SECURITY" will be displayed.
- 3) Hold down the Up button of the List selection button (2) and the button numbered [1] of the PIN entry button (5).
- "----" will be displayed.
- 4) Enter a 4-digit number to be registered as PIN using the buttons numbered [1] - [4] of the PIN entry button (5).
- 5) Touch the "ENT" button (3) for 1 second or longer.
- "COMPLETE" will be displayed, and the power will turn off after 3 seconds.

#### NOTE:

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

### Canceling the anti-theft feature

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

- 1) Touch the POWER button (1) for 1 second or longer to power off the audio system.
- 2) Hold down the buttons numbered [1] of the PIN entry button (5) and the "ENT" button (3) and touch the POWER button (1).
- "PIN ENTRY" will be displayed.
- 3) Hold down the Up button of the List selection button (2) and the button numbered [1] of the PIN entry button (5).
- "----" will be displayed.
- 4) Enter a 4-digit number to be registered as PIN using the buttons numbered [1] - [4] of the PIN entry button (5).
- 5) Touch the "ENT" button (3) for 1 second or longer.
- If an incorrect PIN is entered, "ERROR\* (ERR Number)" will be displayed for 3 seconds, then the audio system will go back to step 2.
- "----" is displayed on the screen, and the power will turn off after 3 seconds.

#### NOTE:


- To change your PIN, first delete your current PIN, then set a new one.
- If an incorrect PIN is entered 10 times or more, "HELP" will be displayed and the audio system will become inoperable. In this case, contact a Maruti Suzuki authorised workshop.



## OTHER CONTROLS AND EQUIPMENT

### Confirming the Personal Identification Number (PIN)

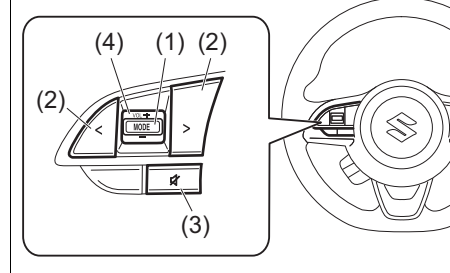
When the main power source is disconnected such as when the lead-acid battery is replaced, etc, it is required to enter the PIN to make the unit operable again.

- 1) Set the ignition switch to the ACC position.
  - “SECURITY” will be displayed.
- 2) Hold down the Up button of the List selection button (2)  and the button numbered [1] of the PIN entry button (5).
- “----” will be displayed.
- 3) Enter the registered 4-digit PIN number using the buttons numbered [1] - [4] of the PIN entry button (5).
- 4) Touch the “ENT” button (3) for 1 second or longer.
  - If an incorrect PIN is entered, “ERROR\* (ERR Number)” will be displayed for 3 seconds, then the audio system will go back to step 2.
  - After 3 seconds, the power of the audio system will be turned off automatically and it will become operable again.

### Steering Switch (if equipped)

Use the steering wheel button to operate the basic functions of the audio system.

#### EXAMPLE



73R0157

- (1) “MODE” button
  - (2) Selection button
    - Selecting the radio station
    - Selecting the track (USB (iPod®), Bluetooth® audio mode)
  - (3) Mute button
  - (4) “VOL” (volume) button
- MODE button (1)
- Each time the button is pressed, the mode will change as follows:  
AM → FM1 → FM2 → USB (iPod®) (if equipped) → Bluetooth® audio (if equipped) → AUX (if equipped)

### Selection button (2)







- FM1, FM2, AM mode:
  - Press > to transfer to the next preset channel.
  - Press < to transfer to the previous preset channel.
  - Press > for 1 second or longer, it will search for receivable stations at a high frequency.
  - Press < for 1 second or longer, it will search for receivable stations at a low frequency.
- USB (iPod®), Bluetooth® audio mode:
  - Press > to transfer to the next song.  
With the folder operation mode, it will transfer to the next folder.
  - Press < to return to the beginning of the currently playing song. Pressing it twice consecutively will return to the previous song.  
With the folder operation mode, it will return to the previous folder.
  - Press > for 1 second or longer to fast-forward the song.  
When the button is released, it will stop fast-forwarding.
  - Press < for 1 second or longer to rewind the song.  
Releasing the button can stop rewinding.

## OTHER CONTROLS AND EQUIPMENT

### Mute button (3)

- Hands-free mode  
Each time you press the button the mute will switch from ON/OFF.
- USB (iPod®), Bluetooth® audio mode:  
Press the button during playback to temporarily stop the playback.

### “VOL” button (4)

- Hands-free mode:
  - Press  during an outgoing or incoming call, the reception/ringtone sound will increase.
  - Press  during an outgoing or incoming call, the reception/ringtone sound will decrease.
  - Press  during an outgoing call, the ringtone sound will increase.
  - Press  during an outgoing call, the ringtone sound will decrease.
- Radio, USB (iPod®), Bluetooth® audio, AUX mode:  
Press , the volume will increase.  
Press , the volume will decrease.

### Remote Controller

#### CAUTION

#### Operational precautions regarding remote controller use:

- Because of its small size and light weight, use the remote controller with care. Dropping the remote controller or hitting it against hard surfaces may degrade the battery and cause malfunction.
- Do not expose the remote controller to humidity, dust, or moisture. Do not subject the remote controller to shock.
- Do not place the remote controller on the dashboard or other places that can be exposed to high temperatures, such as near heater vents. Exposing the remote controller to conditions in which it may overheat may cause the case to deform or other issues.
- Do not operate the remote controller while driving. Doing so may result in an accident.
- Direct the remote controller towards the remote controller receiver when using the remote controller.
- The receiver may not operate correctly when exposed to direct sunlight or other sources of bright light.

(Continued)

#### CAUTION

(Continued)

- Remove the battery from the remote controller if the remote controller will not be used for extended periods of time.

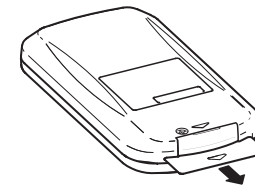
#### CAUTION

#### Cleaning the remote controller:

- Use a dry cloth to clean the remote controller. If the remote controller becomes excessively soiled, use a cloth dampened lightly with a diluted liquid detergent.
- Never use organic solvents, such as benzene cleanser or thinner. Use of these substances will damage the case and finish.

### Before using the remote controller

#### EXAMPLE



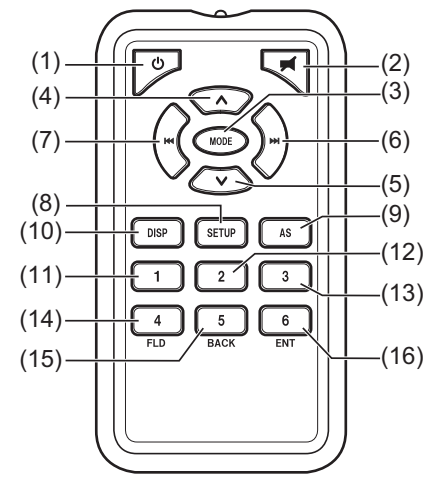
72R0091

## OTHER CONTROLS AND EQUIPMENT

- 1) Pull out the battery insulated sheet tab from the remote controller in the direction indicated by the arrow.







### Remote controller operation

#### EXAMPLE










72R0092




## OTHER CONTROLS AND EQUIPMENT

No.	Button	Function
(1)		<b>POWER button:</b> <ul style="list-style-type: none"> <li>Turns the power to the audio system on / off (press and hold)</li> </ul>
(2)		<b>Mute button:</b> <ul style="list-style-type: none"> <li>Sound mute on / off</li> </ul>
(3)		<b>MODE button:</b> <ul style="list-style-type: none"> <li>Switches between audio sources <ul style="list-style-type: none"> <li>The mode changes in the following order each time the button is pressed: AM → FM1 → FM2 → USB (iPod®) (if equipped) → Bluetooth® audio → AUX (if equipped) ...</li> </ul> </li> </ul> <p><b>NOTE:</b>  <i>"No Audio" will be displayed when there is no Bluetooth device connected.</i></p>
(4)		<b>Volume buttons:</b> <ul style="list-style-type: none"> <li>Volume up / Continuous volume up (press and hold)</li> </ul>
(5)		<b>Volume buttons:</b> <ul style="list-style-type: none"> <li>Volume down / Continuous volume down (press and hold)</li> </ul>
(6)		<b>TUNE/TRACK up button:</b> <ul style="list-style-type: none"> <li>RADIO: <ul style="list-style-type: none"> <li>Tune up / Seek up (press and hold)</li> </ul> </li> <li>USB, iPod®, and Bluetooth® audio: <ul style="list-style-type: none"> <li>Normal mode: Track (file) up / Fast up (press and hold)</li> <li>FLD mode (USB and Bluetooth® audio): Folder (Group) up / Fast up (press and hold)</li> <li>FLD mode (iPod®): List up / Continuous list up (press and hold)</li> </ul> </li> <li>FUNCTION mode (various settings): <ul style="list-style-type: none"> <li>Configures functions / Change values</li> </ul> </li> </ul>

## OTHER CONTROLS AND EQUIPMENT

No.	Button	Function
(7)		<b>TUNE/TRACK down button:</b> <ul style="list-style-type: none"> <li>• RADIO: Tune down / Seek down (press and hold)</li> <li>• USB, iPod®, and Bluetooth® audio: <ul style="list-style-type: none"> <li>– Normal mode: Track (file) down / Fast down (press and hold)</li> <li>– FLD mode (USB and Bluetooth® audio): Folder (Group) down / Fast down (press and hold)</li> <li>– FLD mode (iPod®): List down / Continuous list down (press and hold)</li> </ul> </li> <li>• FUNCTION mode (various settings): Configures functions / Change values</li> </ul>
(8)		<b>SETUP button:</b> <ul style="list-style-type: none"> <li>• Switch to the System setting mode</li> </ul>
(9)		<b>Auto Store button:</b> <ul style="list-style-type: none"> <li>• RADIO: Switches between manual preset and AS mode / Auto Store (press and hold)</li> </ul>
(10)		<b>DISP button:</b> <ul style="list-style-type: none"> <li>• Changes text displays / Changes automatic text display pages (press and hold)</li> </ul>
(11)		<b>Preset [1] button:</b> <ul style="list-style-type: none"> <li>• RADIO: Calls preset channels / Stores channel as preset (press and hold)</li> </ul>
(12)		<b>Preset [2] button:</b> <ul style="list-style-type: none"> <li>• RADIO: Calls preset channels / Stores channel as preset (press and hold)</li> </ul>
(13)		<b>Preset [3] button:</b> <ul style="list-style-type: none"> <li>• RADIO: Calls preset channels / Stores channel as preset (press and hold)</li> </ul>

## OTHER CONTROLS AND EQUIPMENT

No.	Button	Function
(14)		<b>Preset [4] / FLD button:</b> <ul style="list-style-type: none"><li>• RADIO: Calls preset channels / Stores channel as preset (press and hold)</li><li>• USB, iPod®, and Bluetooth® audio: Switches between Folder operation / iPod® menus / Group operation mode</li></ul>
(15)		<b>Preset [5] / BACK button:</b> <ul style="list-style-type: none"><li>• RADIO: Calls preset channels / Stores channel as preset (press and hold)</li><li>• USB, iPod®, Bluetooth® audio, and settings: Switches back to the previous screen</li></ul>
(16)		<b>Preset [6] / ENTER button:</b> <ul style="list-style-type: none"><li>• RADIO: Calls preset channels / Stores channel as preset (press and hold)</li><li>• USB, iPod®, Bluetooth® audio, and settings: Sets the selected item</li></ul>

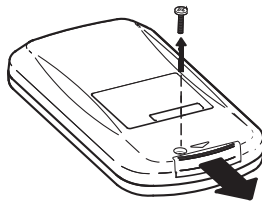
## OTHER CONTROLS AND EQUIPMENT

### Battery replacement

#### ⚠ CAUTION

- Store batteries in their original packaging out of reach of children until ready for use. Discard used batteries immediately. Seek medical attention immediately if swallowed.
- Do not place batteries in locations near fire or exposed to direct sunlight. Doing so may result in fire, explosion, or excessive heat.
- Do not place the remote controller on the dashboard or other places that can be exposed to high temperatures.
- Accidentally replacing batteries with lithium-ion batteries may result in explosion. Always replace batteries with the same type.

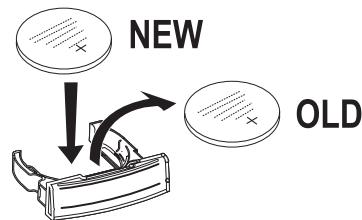
#### EXAMPLE



72R0088

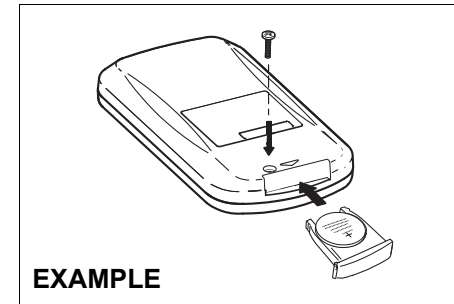
- 1) Use a Phillips screwdriver (sold separately) of the proper size to remove the screw and pull out the battery slot cover in the direction indicated by the arrow.

#### EXAMPLE



72R0089

- 2) Remove the old battery and place the new battery (CR2025) into the battery slot cover with the + mark facing upwards.



#### EXAMPLE

72R0090

- 3) Press the battery slot cover to the direction indicated by the arrow completely and then fully tighten the screw.

## 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 a Maruti Suzuki authorised workshop.

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

#### Common

Unable to operate	The security function is on.	When "SECURITY" is displayed, enter the ID. When "HELP" is displayed, contact a Maruti Suzuki authorised workshop.
Unable to turn on the power (no sound). (No sound is produced)	Fuse is blown.	Contact a Maruti Suzuki authorised workshop.

#### Radio

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

#### USB

Playback does not start when the USB device is connected.	There is no supported format file to play on this unit.	Check the file format.
	The current consumption of the USB device exceeds 1.0 A.	Use an USB device with a current consumption lower than 1.0 A.
Sound skips or noise produced	Sound skipping may occur when playing VBR (Variable Bit Rate) files.	It is not recommended to play VBR files.



## OTHER CONTROLS AND EQUIPMENT

Problem	Possible cause	Possible solution
<b>Bluetooth®</b>		
Pairing failed	The distance between this unit and the Bluetooth® ready device is too far, or a metallic object may be located between the Bluetooth® ready device and this unit.	Change the location of the Bluetooth® ready device.
	The Bluetooth® function of the Bluetooth® ready device is off.	Refer to the manual of the Bluetooth® ready device. (Some devices have the power saving function that automatically activates after a certain time.)
Unable to receive a call	Your current location may be out of service area.	Drive your vehicle to the service area of the phone.
The voice quality of hands-free is low (Distortion, noise etc.)	Another wireless device may be located near the unit.	Switch off the wireless device or keep it away from the unit.

## OTHER CONTROLS AND EQUIPMENT

### Error Display Messages

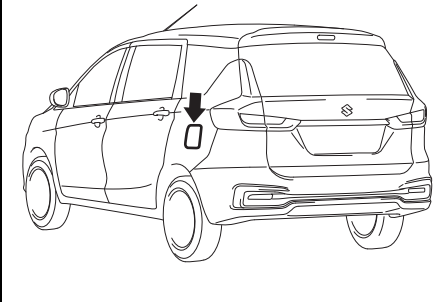
The following messages (flashing) will be displayed onto the screen depending on the condition of the audio system.

Message	Description
Reading	When the USB device or iPod® file format is being read,, this message will be displayed.
ERROR 1	When the USB device or iPod® reading error occurs, this message will be displayed. Reconnect the USB device or iPod® connection cable. When the Bluetooth® audio playback malfunction occurs, this message will be displayed. Check the Bluetooth® audio body.
ERROR 2	When the USB device or iPod® communication error occurs, this message will be displayed. Reconnect the USB device or iPod® connection cable.
ERROR 3	When the USB device or iPod® issues are detected, this message will be displayed. Remove the USB device or iPod®, and check the USB device or the iPod®.
ERROR 4	If the USB device or iPod® does not operate due to an over current, this message will be displayed. Remove the USB device or iPod®, and check the USB device or the iPod®.
ERROR 5	When the data playback fails with the USB device or iPod® connected, or there are data unable to be transferred, this message will be displayed. Remove the USB device or iPod®, and check the USB device or the iPod®.
ERROR 6	When the USB HUB is connected, this message will be displayed. Disconnect the USB HUB.
UNSUPPORTED	When an unsupported USB device or iPod® is connected, this message will be displayed. Connect the supported USB device or iPod®.
No Music	When an empty USB device or a USB device containing files with the extension unable to be played is connected, this message will be displayed. Connect the USB device containing files with the playable extension.
No Songs	When an iPod® is connected, this message will be displayed.

## OTHER CONTROLS AND EQUIPMENT

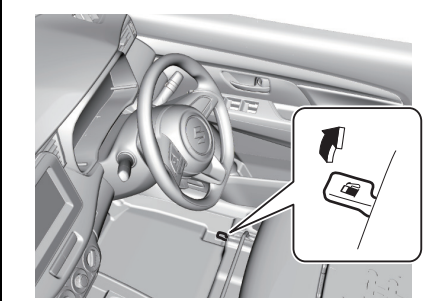
### Fuel Filler Cap

#### EXAMPLE



73R0083

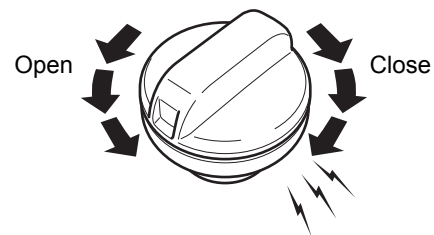
#### EXAMPLE



73R0084

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 lower side of the driver's seat and locked by simply closing the door.

#### EXAMPLE



57L51093

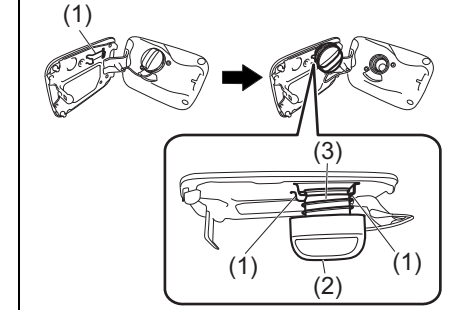
To remove the fuel filler cap:

- 1) Stop the engine and close all the doors and windows while refueling.
- 2) Open the fuel filler door.
- 3) 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



73R0085

#### 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.

#### WARNING

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

## OTHER CONTROLS AND EQUIPMENT

### WARNING

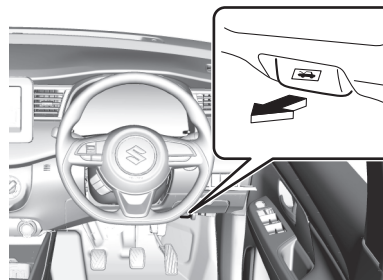
If you need to replace the fuel cap, use a MARUTI SUZUKI genuine cap. Use of an improper cap can result in a malfunction of the fuel system or emission control system. It may also result in fuel leakage while driving and in the event of an accident.

## Engine Hood

### WARNING

- Never allow children to open or close the hood. Children may injure themselves because the hood is heavy. Contact with the engine compartment and related parts may cause burns when this area/these parts are hot.
- Do not allow children to be near the vehicle when opening the hood.
- Do not leave tools, cloths, and other objects, which were used to clean or perform maintenance and inspections, in the engine compartment. Doing so may cause operational failures or even the vehicle to catch fire when the engine compartment becomes hot.

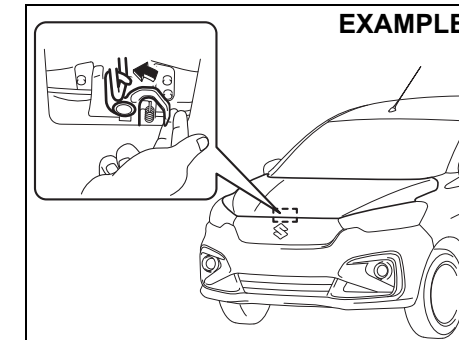
### EXAMPLE



73R0086

To open the engine hood:

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



73R0087

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

### CAUTION

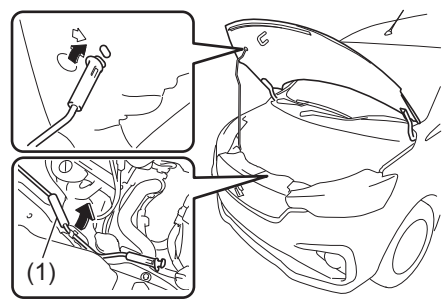
The release lever and its peripheral, or engine hood can be hot enough to burn your finger right after driving. Touch after those becomes cool enough.

## OTHER CONTROLS AND EQUIPMENT

### NOTICE

Check that the wiper arms are not raised before you lift up the engine hood to avoid damaging the wiper arms and the engine hood.

### EXAMPLE



73R0088

- 3) While holding the hood, pull the prop rod out from the holding clip by protector (1), and then insert the end of the rod into the designated hole.

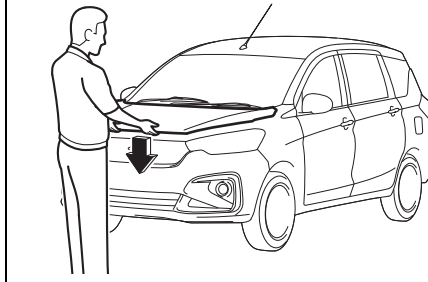
### CAUTION

- The prop rod can be hot enough to burn your finger right after driving. Hold the prop rod by protector (1)
- Insert the end of the rod into the hole securely. If the rod slips out, you may get caught in the closing hood.
- The rod may slip out when the hood is blown by wind. Be careful on windy days.

To close the engine hood:

- 1) Lift the hood up slightly and remove the prop rod from the hole. Put the prop rod back to the holding clip.

### EXAMPLE



73R0158

- 2) Lower the hood to about 20 cm above the hood latch, and then let it drop down. Make sure the hood is securely latched after closing.

## OTHER CONTROLS AND EQUIPMENT

### **WARNING**

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

### **CAUTION**

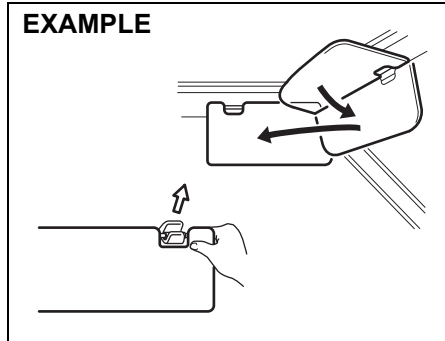
To avoid injury, check that no part of the occupant's body such as hands or head is in the path of the hood when closing it.

### **NOTICE**

Pushing on the hood from the top may damage it.

## Sun Visor

### EXAMPLE



79J161

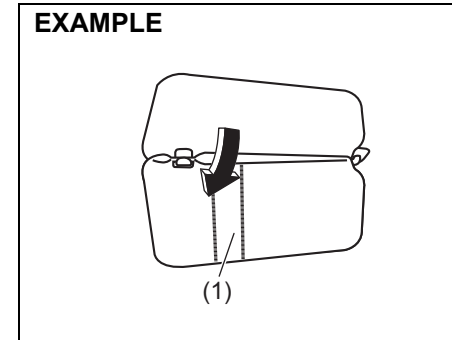
The sun visors can be pulled down to block glare coming through the windshield, or they can be unhooked and turned to the side to block glare coming through the side window.

### **NOTICE**

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

## Card holder

### EXAMPLE



74LHT0516

(1) Card holder

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

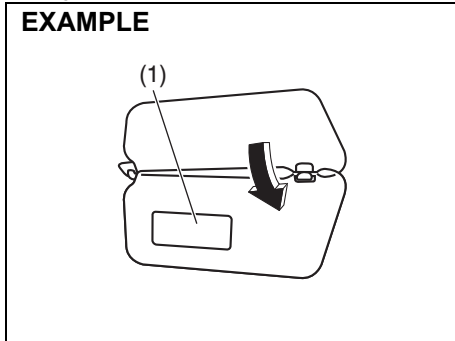
### **NOTICE**

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.

## OTHER CONTROLS AND EQUIPMENT

### Vanity mirror (if equipped)

#### EXAMPLE



73R0167

(1) Vanity mirror

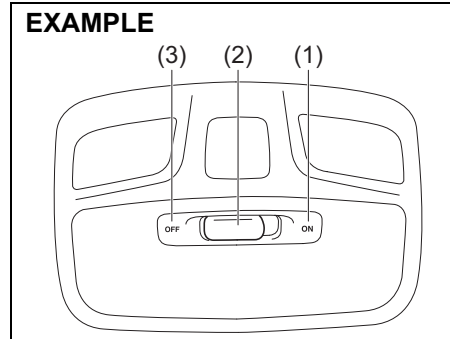
#### ⚠ WARNING

- Do not use the vanity mirror while driving. Doing so may result in an accident due to failure to pay attention to the road in front of you.
- Do not place any weight on or come too close to the locations where an airbag is stored when using a vanity mirror. Doing so may cause the airbag to deploy and cause serious injury due to the impact of the airbag.

### Interior Light

#### Front

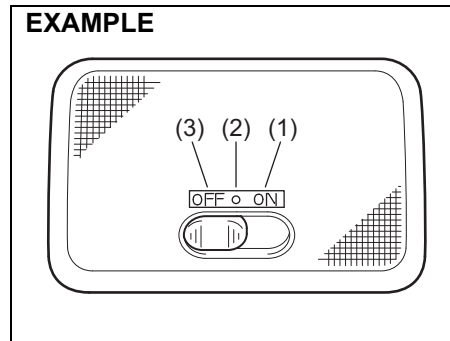
#### EXAMPLE



73R0090

#### Rear

#### EXAMPLE



64J211

Interior 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.

#### NOTE:

The light will automatically be turned off to prevent the lead-acid battery from discharging when the following conditions are simultaneously met:

- The ignition switch is in "LOCK" position.
- The hazard warning lights, the position lights and the headlights are off.
- After 15 minutes from the light on.

## OTHER CONTROLS AND EQUIPMENT

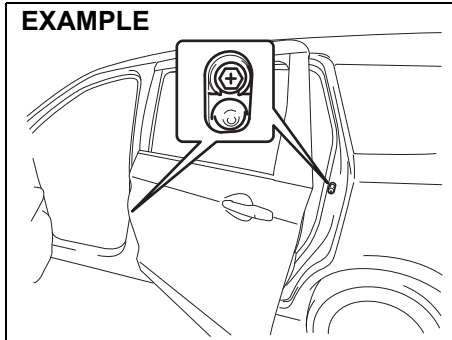
### DOOR (2)

- The light comes on when the door is opened. After closing all doors, the light will remain on for 15 seconds and then fade out. If you insert the key, the light will start to fade out immediately. After removing the key from the ignition switch the light will turn on for 15 seconds and then fade out.
- When the ignition switch is in LOCK position, to prevent the lead-acid battery from discharging, the light will automatically be turned off when a period of 15 minutes has elapsed after any of the doors (including the tailgate) is opened and other operations are not done.

### OFF (3)

The light remains off even when the door is opened.

#### EXAMPLE



73R0091

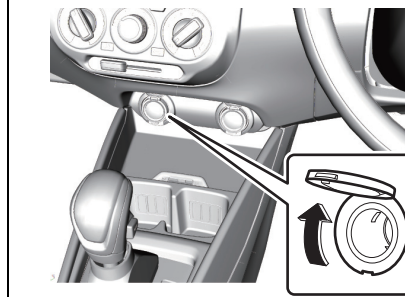
### NOTE:

*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 depending on the vehicle specification.*

## Accessory Socket

### Center console

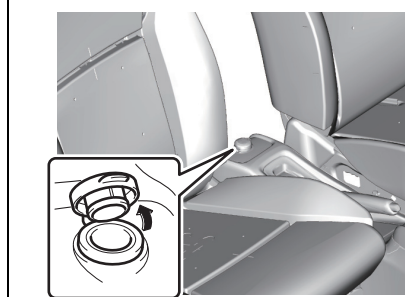
#### EXAMPLE



73R0092

### Floor Console

#### EXAMPLE



73R0093

The accessory socket will work when the ignition switch is in ACC or ON position.



## OTHER CONTROLS AND EQUIPMENT

Each socket can be used to provide 12 volt/120 watt/10 ampere power for electrical accessories when used alone.

### **WARNING**

If you pay too much attention to operating the Accessory socket while driving, an accident can occur.

### **CAUTION**

All accessory sockets together have a power rating of 120 watt/10 ampere combined. Total load at one time on all ACC sockets should not be more than 120 watt.

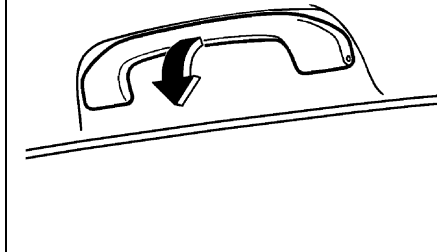
### **NOTICE**

- Use of inappropriate electrical accessories can cause damage to your vehicle's electrical system. Check that any electrical accessories you use are designed to plug into this type of socket.
  - Always close the cap on the socket when the socket is not in use.
  - When the ignition switch is in "LOCK" position while using the accessory socket, the following may occur;
    - the audio or navigation system does not turn off.
    - the keyless entry system does not work, etc.
- If they occur, disconnect the item from the accessory socket and check whether the electrical equipments work properly.
- If the problem persists, ask a Maruti Suzuki authorised workshop to have the system inspected.

## Assist Grips

### Front Passenger's Seat / 2nd Row Seat

#### EXAMPLE

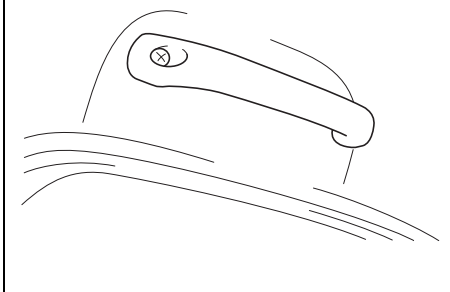


54G249

## OTHER CONTROLS AND EQUIPMENT

### 3rd Row Seat

#### EXAMPLE



73R0094

Assist grips are provided for convenience.

#### NOTICE

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

### Glove Box

#### EXAMPLE



73R0095

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.

#### ⚠ WARNING

Do not leave cigarette lighters or spray cans in the glove box. If a cigarette lighter or spray can is in a place such as the glove box, it may light accidentally when luggage is loaded, causing a fire.

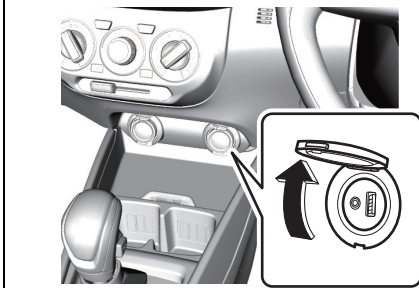
#### ⚠ WARNING

Do not drive the vehicle with the lid of glove box open.

## OTHER CONTROLS AND EQUIPMENT

### AUX/USB Socket

#### EXAMPLE



73R0096

Connect your portable digital music player, etc. to this socket to enjoy music through the vehicle's audio system. Refer to "Audio system" in this section.

#### NOTICE

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

#### ⚠ WARNING

**If you pay too much attention to operating the AUX/USB socket while driving, an accident may occur.**

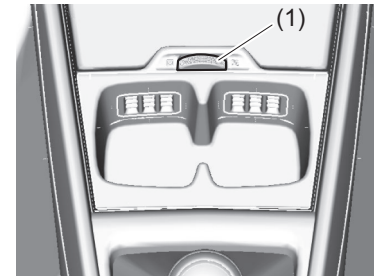
#### ⚠ WARNING

**Do not put items in the vehicle that may fall or roll around in the vehicle while driving. Objects getting caught in the brake pedal or accelerator pedal may prevent proper operation of the pedals, which may result in an accident.**

### Cup Holder and Storage Area

#### Front

#### EXAMPLE



73R0097

#### Ventilated cup holder

If you turn on the air conditioning system, air flow comes out of the cup holder outlet. Air flow prevent the temperature of the drink from increasing.

Turn the dial wheel (1) clockwise, the cup holder outlet will open.

Turn the dial wheel(1) counterclockwise, the cup holder outlet will close.

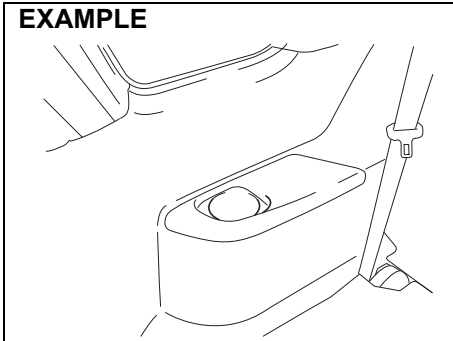
#### NOTE:

- The temperature of air flow in cup holder is about the same with the center outlet.
- There is no effect to cool the drink in the cup holder.

## OTHER CONTROLS AND EQUIPMENT

### 3rd Row Seats

#### EXAMPLE



73R0098

#### WARNING

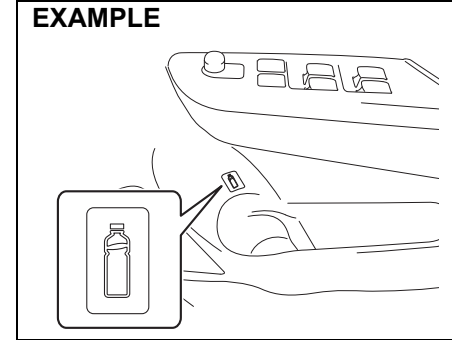
Failure to take the precautions listed below could cause personal injury or vehicle damage.

- Be careful when you are using the cup holders to hold a cup containing hot liquid. Spilling out hot liquid can cause burn injury. In addition, liquids spilling on the lithium-ion battery in models equipped with ENG A-STOP system or Smart Hybrid may cause a fire or electric shock or damage to the battery.
- Do not use the cup holders to hold sharp-edged, hard, or breakable objects. Objects in the cup holders may be thrown about during a sudden stop or impact, and could cause personal injury.
- Be careful not to spill liquid or insert any foreign materials into the moving part of the gearshift lever, or any electrical components. Liquid or foreign materials may damage these parts.
- If you spill, or drop liquid accidentally, have your vehicle inspected by a Maruti Suzuki authorised workshop.

### Bottle Holder

#### Front seats

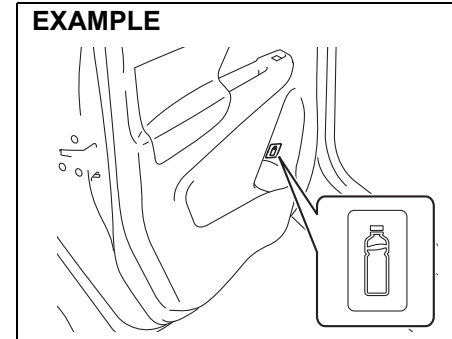
#### EXAMPLE



73R0099

#### 2nd row seats

#### EXAMPLE



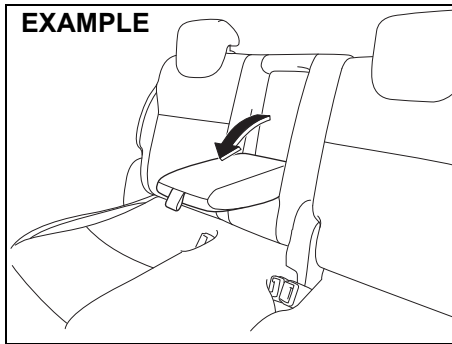
73R0100

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

## OTHER CONTROLS AND EQUIPMENT

**NOTE:**  
Maruti Suzuki recommends to use maximum 1 liter capacity of bottle.

### Rear Armrest



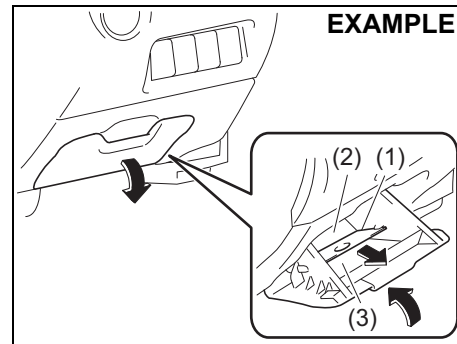
72R0046

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

#### **WARNING**

If the seat belt is obstructed by any part of the armrest when fastened, it cannot provide the intended protection. After fastening the seat belt, always check that the armrest is not interfering with the belt.

### Bill/coin Holder



73R0216

Pull the upper portion of the holder, downward to open the cover.

It is recommended to separate coins (2) and bills (3) with partition.

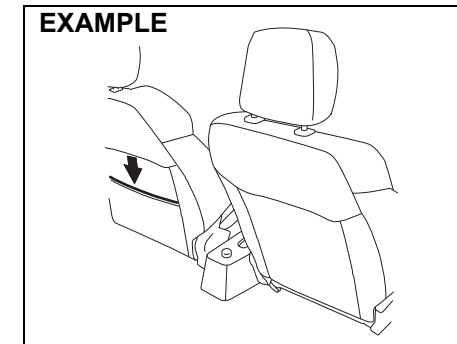
The holder can also be used after sliding out and removing the partition plate (1).

Push the upper portion of the holder, upward to close the cover.

#### **WARNING**

Never drive with the bill/coin holder lid open. It could cause injury if an accident occurs.

### Front Seat Back Pocket (if equipped)



72RM05003

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

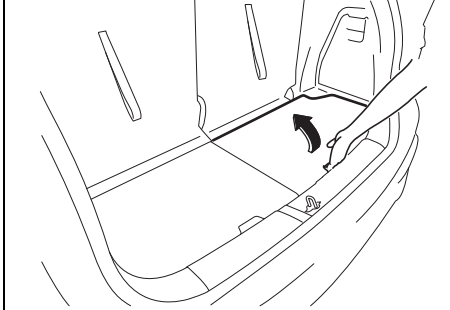
#### **CAUTION**

Do not put hard or breakable objects in the pocket. If an accident occurs, objects such as bottles, cans, etc. can injure the occupants in the rear seat.

## OTHER CONTROLS AND EQUIPMENT

### Luggage Box (if equipped)

#### EXAMPLE



73R0102

Insert your hands into the notches and lift up the luggage box cover to use the box.

#### NOTICE

Do not allow items in the box to extend above the top of the box. Otherwise, the box or cover may be damaged.

#### NOTICE

Observe the following instructions, not to break the luggage box cover.

- Do not hold open the cover while driving.
- Do not apply any load to the cover while holding it open.

### Frame Hooks

It is not recommended that you use the frame hooks for towing another vehicle. They were originally designed to tow your vehicle in emergency situation. If your vehicle needs to be towed in an emergency, refer to "Towing your vehicle" in "EMERGENCY SERVICE" section.

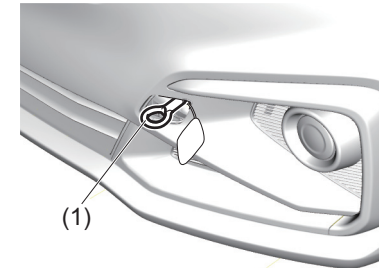
#### ⚠ WARNING

Observe the following instructions when using frame hooks. The towing eye or vehicle body may break and cause serious injury or damage:

- Do not use the frame hooks for towing another vehicle.
  - Avoid pulling the vehicle to get out of severe snowy, muddy or sandy conditions, sudden starts or erratic driving maneuvers which could cause excessive stress on the towing eye.
- In such case, we recommend that you contact a professional service.

### Front

#### EXAMPLE



73R0183

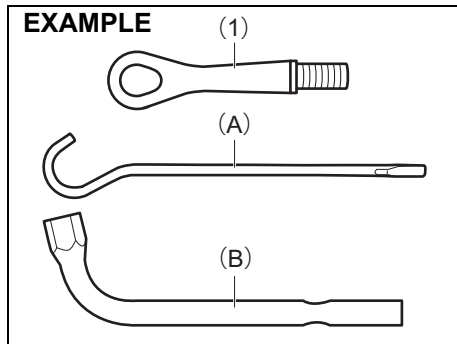
The towing eye (1) is provided on the front of the vehicle for use in emergency situations and sea shipping purpose only.

#### NOTICE

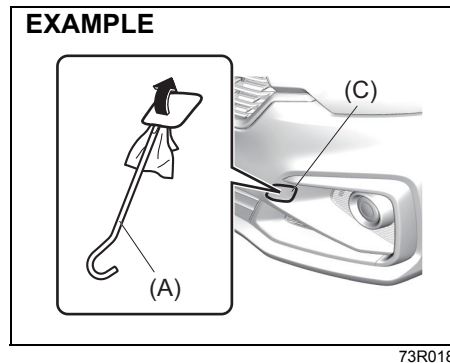
To prevent damage to the vehicle, never use the towing eye (1) for trailer / train shipping.

## OTHER CONTROLS AND EQUIPMENT

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

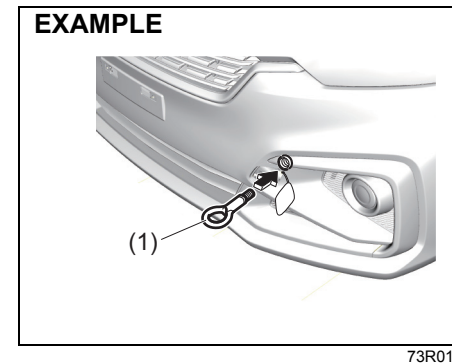


- 1) Pick up the towing eye (1), jack handle (A) and wheel wrench (B) in the luggage compartment.



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

**NOTE:**  
*Do not use excessive force as it may damage the cover strap.*

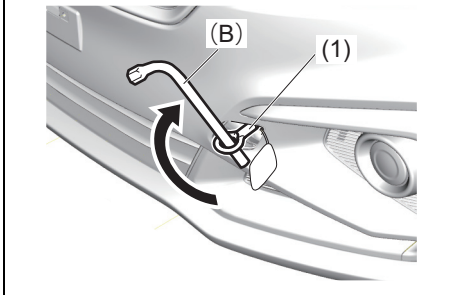


- 3) Install the towing eye (1) by hand.

**NOTE:**  
*It is recommended to secure the cover with tape to prevent damage during towing.*

## OTHER CONTROLS AND EQUIPMENT

### EXAMPLE



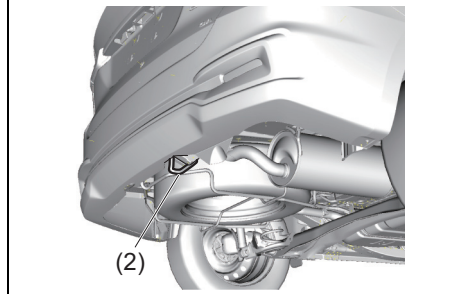
73R0185

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

To remove the towing eye (1), reverse the installation procedure.

### Rear

### EXAMPLE



73R0104

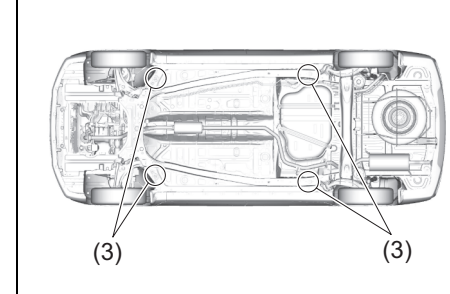
The frame hook (2) is provided on the rear of the vehicle for use in emergency situations and sea shipping purposes only.

### NOTICE

To prevent damage to the vehicle, never use the frame hook (2) for trailer / train shipping.

### Other Holes

### EXAMPLE



73R0105

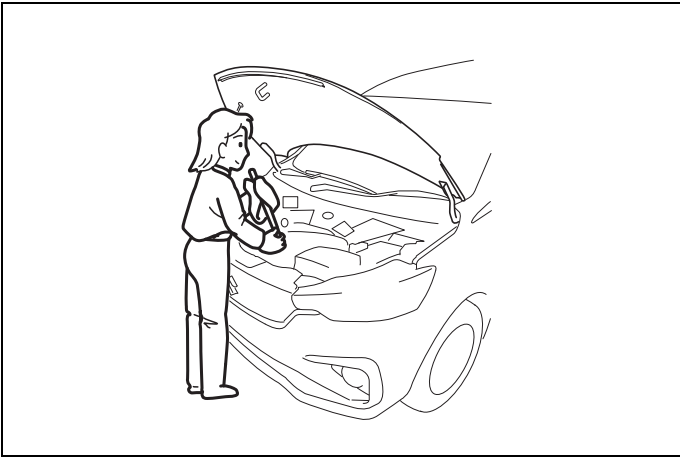
The frame holes (3) are provided only for transporting by a car carrier trailer.

### NOTICE

Do not use the frame holes (3) for towing purpose. These holes may break and cause serious injury or damage.



INSPECTION AND MAINTENANCE



72RM06000

Maintenance Schedule ..... 6-2

Periodic Maintenance Schedule ..... 6-2

Drive Belt ..... 6-6

Engine Oil and Filter ..... 6-6

Engine Coolant ..... 6-10

Air Cleaner ..... 6-12

Spark Plugs ..... 6-12

Gear Oil ..... 6-13

Clutch Pedal ..... 6-14

Fuel Filter ..... 6-15

Brakes ..... 6-15

Steering Wheel ..... 6-17

Tires ..... 6-18

Lead-acid Battery ..... 6-20

Fuses ..... 6-22

Headlight Aiming ..... 6-26

Bulb Replacement ..... 6-26

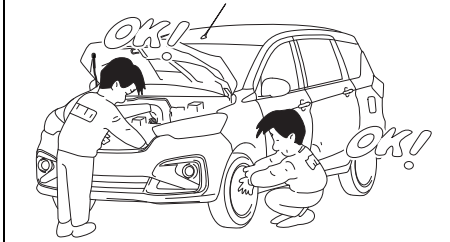
Wiper Blades ..... 6-30

Windshield Washer Fluid ..... 6-32

Air Conditioning System ..... 6-33

## INSPECTION AND MAINTENANCE

### EXAMPLE



60A187S

### ⚠ WARNING

Take extreme care when working on your vehicle to prevent accidental injury. Carefully observe the following precautions:

- To prevent damage or unintended activation of the airbag system or seat belt pretensioner system, be sure that the lead-acid battery is disconnected and the ignition switch has been in LOCK position for at least 90 seconds before performing any electrical service work on your MARUTI SUZUKI vehicle. Do not touch airbag 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.

(Continued)

### ⚠ WARNING

(Continued)

- Do not leave the engine running in garages or other confined areas.
- When the engine is running, keep hands, clothing, tools, and other objects away from the fan and drive belt. Even though the fan may not be moving, it can automatically turn on without warning.
- When it is necessary to perform service work with the engine running, 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 lead-acid battery. Flammable fumes are present.

(Continued)

### ⚠ WARNING

(Continued)

- Do not get under your vehicle if it is supported only with the portable jack provided in your vehicle.
- Be careful not to cause accidental short circuits between the positive and negative lead-acid battery terminals.
- Keep used oil, coolant, and other fluids away from children and pets. Dispose of used fluids properly; never pour them on the ground, into sewers, etc.

## INSPECTION AND MAINTENANCE

### Maintenance Schedule

The following table shows the times when you should perform regular maintenance on your vehicle. This table shows in kilometers and months when you should perform inspections, adjustments, lubrication and other services.

#### WARNING

**MARUTI SUZUKI recommends that maintenance on your Maruti Suzuki vehicle should be performed by a Maruti Suzuki authorised workshop.**

#### NOTICE

**Whenever it becomes necessary to replace parts on your vehicle, it is recommended that you use MARUTI SUZUKI genuine replacement parts or their equivalent.**

### Periodic Maintenance Schedule

“C”: Clean  
“R”: Replace or Change  
“I”: Inspect, clean, adjust, lubricate or replace as necessary  
“L”: Lubricate  
“T”: Tighten to Specified Torque  
“O”: Rotate

#### NOTE:

*This table includes services as scheduled up to 80,000 km mileage. Beyond 80,000 km, carry out the same services at the same intervals respectively.*

## INSPECTION AND MAINTENANCE

Interval: This interval should be judged by odometer reading or months, whichever comes first.			FREE INSPECTION			PERIODIC MAINTENANCE AT COST							
			km (x1000)	1	5	10	20	30	40	50	60	70	80
			months	1	6	12	24	36	48	60	72	84	96
ENGINE													
1-1.	Water pump drive belt (Tension, Wear)		–	–	I	I	I	I	I	I	I	R	
1-2.	Engine Coolant (Level, Leakage)		I	I	I	R	I	R	I	R	I	R	
1-3.	Engine oil, engine oil filter and drain plug gasket (Level, Leakage)		I	I	R	R	R	R	R	R	R	R	
1-4.	Cooling system hoses and connections (Leakage and Damage)		I	I	I	I	I	I	I	I	I	I	
1-5.	Engine Mounting & manifold fixing (Loose, Damage)		–	–	I	–	I	–	I	–	I	–	
1-6.	Valve Clearance		–	–	–	–	I	–	–	I	–	–	
1-7.	Exhaust System (Noise, Leakage etc.)		–	I	–	I	–	I	–	I	–	I	
1-8.	Positive Crank Case Ventilation System (Hoses, Connections and Valve)		–	I	–	I	–	I	–	I	–	I	
IGNITION													
2-1.	Ignition wire (Damage, Deterioration)		–	–	–	I	–	I	–	I	–	I	
2-2.	Spark Plug		–	–	–	–	–	R	–	–	–	R	
FUEL													
3-1.	Air cleaner filter element	Paved-road	Clean after every 5,000 KM. Replace after every 40,000 KM.										
		Dusty Condition	Clean after every 2,500 KM or as required. Replace after every 40,000 KM. 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)		–	–	–	–	–	R	–	–	–	R	
CLUTCH AND TRANSMISSION													
4-1.	Clutch fluid (Level, Leakage)		I	I	I	R	I	R	I	R	I	R	
4-2.	Clutch slipping (Dragging or Excess Damage)		I	I	I	I	I	I	I	I	I	I	
4-3.	Transaxle/Transmission Oil (Level, Leakage)		I	I	I	I	I	I	I	I	I	I	
4-5.	Gear shifter (Operation)		I	I	I	I	I	I	I	I	I	I	
DRIVE SHAFT													
5-1.	Drive shaft noise		I	I	I	I	I	I	I	I	I	I	
5-2.	Drive shaft boot (boot damage)		–	I	I	I	I	I	I	I	I	I	

## INSPECTION AND MAINTENANCE

Interval: This interval should be judged by odometer reading or months, whichever comes first.		FREE INSPECTION			PERIODIC MAINTENANCE AT COST							
		km (x1000)	1	5	10	20	30	40	50	60	70	80
		months	1	6	12	24	36	48	60	72	84	96
BRAKE												
6-1.	Brake Fluid (Level, Leakage)	I	I	I	R	I	R	I	R	I	R	
6-2.	Brake pedal (Pedal - wall clearance)	I	I	I	I	I	I	I	I	I	I	
6-3.	Parking brake lever and cable (Play, Damage)	I	I	I	I	I	I	I	I	I	I	
6-4.	Brake disc and pad (Wear)	—	I	I	I	I	I	I	I	I	I	
6-5.	Brake drum and shoes (Wear)	—	—	I	I	I	I	I	I	I	I	
6-6.	Brake hoses and pipes (Fluid leakage, Damage)	I	I	I	I	I	I	I	I	I	I	
6-7.	Master cylinder, wheel cylinder and caliper piston (Fluid leakage, Boot/Seal damage)	I	I	I	I	I	I	I	I	I	I	
WHEEL												
7-1.	Tires (Air pressure, Abnormal wear, Crack and Rotation)	I	I&O	I&O	I&O	I&O	I&O	I&O	I&O	I&O	I&O	
7-2.	Wheels (Damage)	I	I	I	I	I	I	I	I	I	I	
7-3.	Front/Rear wheel bearing (Loose, Damage)	I	I	I	I	I	I	I	I	I	I	
FRONT / REAR SUSPENSION												
8-1.	Suspension strut (Oil leakage, Damage)	I	I	I	I	I	I	I	I	I	I	
8-2.	Suspension arms / Knuckle support and Torsion rods (Loose, Damage)	—	I	I	I	I	I	I	I	I	I	
8-3.	Rear spring (Damage)	I	I	I	I	I	I	I	I	I	I	
8-4.	Shock absorbers (Oil leakage, Damage)	I	I	I	I	I	I	I	I	I	I	
8-5.	All bolts and nuts (Loose)	—	T	T	T	T	T	T	T	T	T	
STEERING												
9-1.	Steering wheel (Play, Loose)	I	I	I	I	I	I	I	I	I	I	
9-2.	All rods and arms (Loose, Damage, Wear)	I	I	I	I	I	I	I	I	I	I	
9-3.	Tilt Steering (Operation)	I	I	I	I	I	I	I	I	I	I	

## 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
<b>ELECTRICAL</b>											
10-1.	Battery - electrolyte (Level, leakage) and voltage	I	I	I	I	I	I	I	I	I	I
10-2.	Wiring harness connection (Loose, Damage)	–	I	I	I	I	I	I	I	I	I
10-3.	Lighting system (Operation, Stains, Damage)	I	I	I	I	I	I	I	I	I	I
10-4.	Wiper (Operation, Stains, Damage)	I	I	I	I	I	I	I	I	I	I
10-5.	Horn (Operation)	I	I	I	I	I	I	I	I	I	I
10-6.	AUX, USB and accessory socket (Operation)	–	I	I	I	I	I	I	I	I	I
<b>BODY</b>											
11-1.	All chassis bolts and nuts (Tighten)	–	T	T	T	T	T	T	T	T	T
11-2.	All latches, hinges and locks (Function)	I	I&L	I&L	I&L	I&L	I&L	I&L	I&L	I&L	I&L
<b>ROAD TEST</b>											
12-1.	Operation of Brakes, gear shifting and speedometer	I	I	I	I	I	I	I	I	I	I
12-2.	Body and chassis noise	I	I	I	I	I	I	I	I	I	I
<b>AIR CONDITIONER</b>											
13-1.	Check belt tension	I	I	I	I	I	I	I	I	I	I
13-2.	Tighten compressor mounting bolt	–	T	T	T	T	T	T	T	T	T
13-3.	All hose joint (Check, Tighten)	I	I	I	I	I	I	I	I	I	I
13-4.	Check functioning of Recirculating flap	I	I	I	I	I	I	I	I	I	I
13-5.	Clean condenser with low pressure water	–	C	C	C	C	C	C	C	C	C
13-6.	Check belt for frayed edges	I	I	I	I	I	I	I	I	I	I
13-7.	Check all mounting bolts	I	I	I	I	I	I	I	I	I	I
13-8.	Air conditioner filter element	I	I	I	I	R	I	I	R	I	I

Drive Belt

**⚠ WARNING**

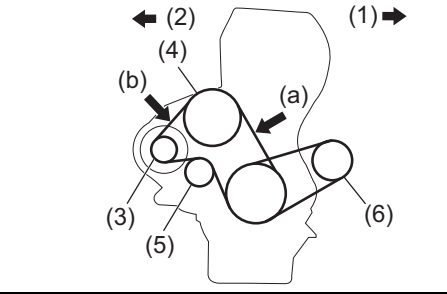
**When the engine is running, keep hands, hair, clothing, tools, etc. away from the moving fan and drive belts.**

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

The belts should also be examined to ensure that they are not damaged.

If you need to replace or adjust the belt have it done by a Maruti Suzuki authorised workshop.

**EXAMPLE**



73R0172

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

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

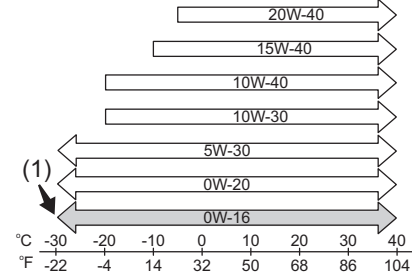
**(a) New:**  
4.8 - 5.9 mm (0.19 - 0.23 in.)  
**Readjustment:**  
7.2 - 8.2 mm (0.28 - 0.32 in.)

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

Engine Oil and Filter

Specified Oil

**EXAMPLE**



72R0137

**(1) Recommended**

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

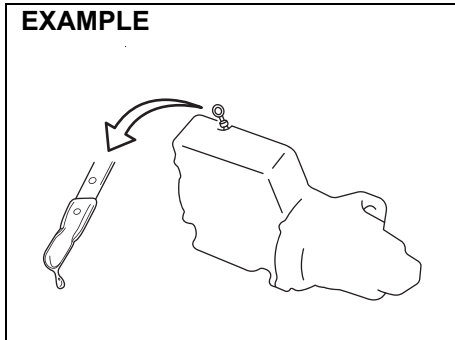
SAE 0W-16 (1) is the best choice for good fuel economy and good startability in cold weather.

**NOTE:**  
*We recommend that you use MARUTI SUZUKI genuine oil. To purchase it, visit a Maruti Suzuki authorised workshop.*

## INSPECTION AND MAINTENANCE

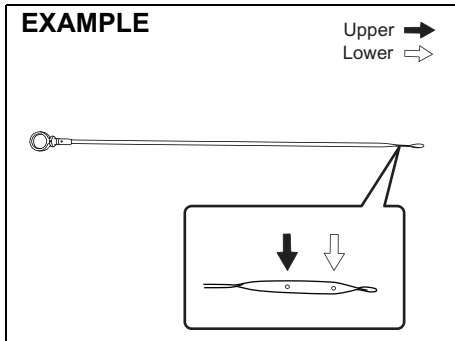
### Oil Level Check

#### EXAMPLE



72R0117

#### EXAMPLE



72R0118

It is important to keep the engine oil at the correct level for proper lubrication of your vehicle's engine. Check the oil level with the vehicle on a level surface. The oil level indication may be inaccurate if the vehicle is on a slope. The oil level should be checked either before starting the engine or at least 5 minutes after stopping the engine.

The handle of the engine oil dipstick is colored with yellow for easy identification.

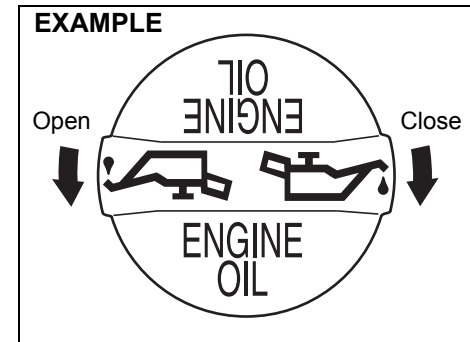
Pull out the oil dipstick, wipe oil off with a clean cloth, insert the dipstick all the way into the engine, then remove it again. The oil on the stick should be between the upper and lower limits shown on the stick. If the oil level indication is near the lower limit, add enough oil to raise the level to the upper limit.

#### NOTICE

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

### Refilling

#### EXAMPLE



73R0108

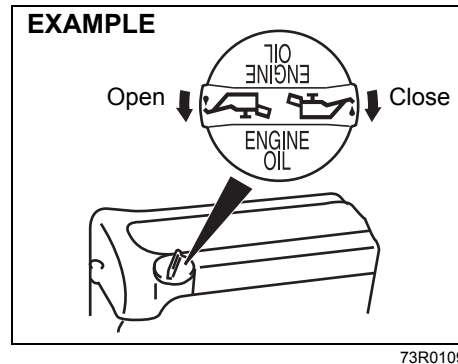
Remove the oil filler cap and pour oil slowly through the filler hole to bring the oil level to the upper limit on the dipstick. Be careful not to overfill the oil. Too much oil is almost as bad as too little oil. After refilling, start the engine and allow it to idle for about a minute. Stop the engine, wait about 5 minutes and check the oil level again.



## INSPECTION AND MAINTENANCE

### Changing Engine Oil and Filter

Drain the engine oil while the engine is still warm.

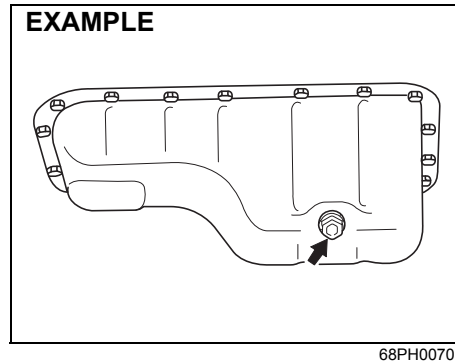


- 1) Remove the oil filler cap.
- 2) Place a drain pan under the drain plug.
- 3) Using a wrench, remove the drain plug and drain the engine oil.

#### **CAUTION**

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

#### **EXAMPLE**



**Tightening torque for drain plug**  
35 Nm (3.6 kg-m, 25.8 lb-ft)

#### **WARNING**

- Engine oil can be hazardous. Children and pets may be harmed by swallowing new or used oil. Keep new and used oil and used oil filters away from children and pets.
- Repeated, prolonged contact with used engine oil may cause skin cancer.
- Brief contact with used oil may irritate skin.

(Continued)

#### **WARNING**

(Continued)

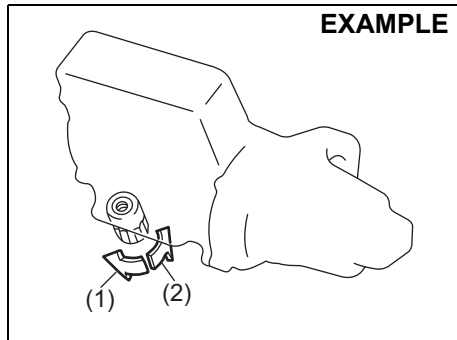
- To minimize your exposure to used oil, wear a long-sleeve shirt and moisture-proof gloves (such as dishwashing gloves) when changing oil. If oil contacts your skin, wash thoroughly with soap and water.
- Launder any clothing or rags if it is with oil.
- Recycle or properly dispose of used oil and filters.

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

## INSPECTION AND MAINTENANCE

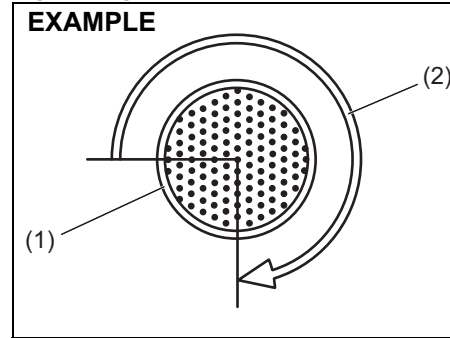
### Oil Filter Replacement

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



- (1) Loosen  
(2) Tighten

### Tightening (viewed from filter top)



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

### NOTICE

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

- 5) Tighten the filter as specified below from the point of contact with the mounting surface (or to the specified torque) using an oil filter wrench.

### Tightening torque for oil filter

3/4 turn or  
14 Nm (1.4 kg-m, 10.3 lb-ft)

### NOTICE

To prevent oil leakage, make sure that the oil filter is tight, but do not over-tighten it.

**Refill with Oil and Oil Leakage Check**

- 1) Pour oil through the filler hole and install the filler cap.  
For the approximate capacity of the oil, refer to "Capacities" in "SPECIFICATIONS" section.
- 2) Start the engine and carefully check the oil filter and the drain plug for leakage. Run the engine at various speeds for at least 5 minutes.
- 3) Stop the engine and wait about 5 minutes. Check the oil level again and add oil if necessary. Check for leakage again.

**NOTICE**

- When replacing the oil filter, it is recommended that you use a MARUTI SUZUKI genuine replacement filter. If you use an aftermarket filter, make sure it is of equivalent quality and follow the manufacturer's instructions.
- Oil leakage from the periphery of the oil filter or drain plug indicate incorrect installation or gasket damage. If you find any leakage or are not sure that the filter has been properly tightened, have the vehicle inspected by a Maruti Suzuki authorised workshop.

**Engine Coolant****Selection of Coolant**

To maintain optimum performance and durability of your engine, use MARUTI SUZUKI genuine coolant or equivalent.

This type of coolant is the best for cooling system for the following reasons:

- The coolant helps maintain proper engine temperature.
- It gives proper protection against freezing and boiling.
- It gives proper protection against corrosion and rust.

Failure to use the proper coolant can damage your cooling system, Maruti Suzuki authorised workshop can help you select the proper coolant.

**NOTICE**

To avoid damaging your cooling system:

- Always use a high quality ethylene glycol base non-silicate type coolant diluted with distilled water at the correct mixture concentration.
- Check that the proper mix is 30/70 and in no case higher than 70/30. Concentrations greater than 70/30 coolant to distilled water will cause overheating conditions.
- Do not use straight coolant nor plain water.
- Do not add extra inhibitors or additives. They may not be compatible with your cooling system.
- Do not mix different types of base coolants. Doing so may result in accelerated seal wear and/or the possibility of severe overheating and extensive engine damage.

## 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 "FULL" and "LOW" marks.

### Adding Coolant

#### WARNING

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

- Do not drink antifreeze or coolant solution. If swallowed, do not induce vomiting. Immediately contact a poison control center or a physician.
- Avoid inhaling coolant mist or hot vapors. If inhaled, remove to a fresh air area.
- If coolant gets in the eyes, flush with water and seek medical attention.
- Wash thoroughly after handling coolant.
- Keep engine coolant out of the reach of children and pets.

#### NOTICE

- The mixture you use should contain 50% concentration of anti-freeze.
- If the lowest ambient temperature in your area is expected to be  $-35^{\circ}\text{C}$  ( $-31^{\circ}\text{F}$ ) or below, use higher concentrations up to 60% following the instructions on the antifreeze container.

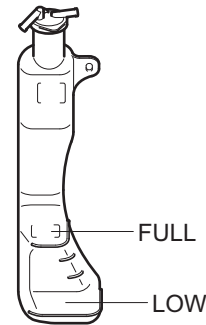
#### NOTICE

When putting the cap on the reservoir tank, line up the mark on the cap and the mark on the tank. Failure to follow this can result in coolant leakage.

### Coolant Replacement

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

#### EXAMPLE



73R0110

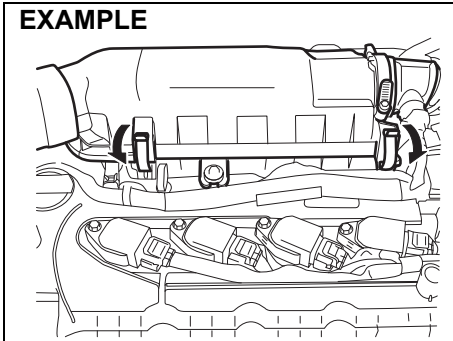
If the coolant level is below "LOW" mark, coolant should be added. While the engine is cool, remove the reservoir tank cap and add coolant until the reservoir tank level reaches "FULL" mark. Never fill the reservoir tank above "FULL" mark.

## INSPECTION AND MAINTENANCE

### Air Cleaner

If the air cleaner is clogged with dust, there will be greater intake resistance, resulting in decreased power output and increased fuel consumption.

#### EXAMPLE



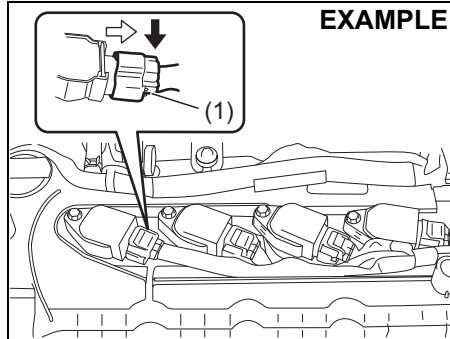
73R0112

- 1) Unclamp the side clamps and remove the element from the air cleaner case. If it appears to be dirty, replace it with a new one.
- 2) Clamp the side clamps securely.

### Spark Plugs

For nickel spark plugs (traditional type): You should inspect spark plugs periodically for carbon deposits. When carbon accumulates on a spark plug, a strong spark may not be produced. Remove carbon deposits with a wire or pin and adjust the spark plug gap.

#### EXAMPLE



73R0119

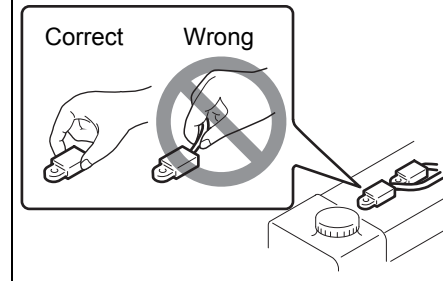
To access the spark plug:

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

#### NOTE:

*During installation, make sure that the wires, couplers, sealing rubber of air cleaner assy and washers, are correctly returned in place.*

#### EXAMPLE



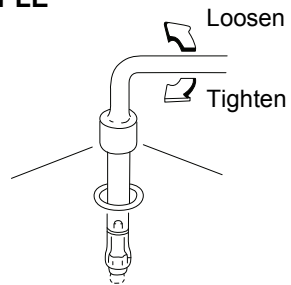
78K179

#### NOTICE

- When pulling out the ignition coils, do not pull on the cable. Pulling on the cable can damage it.
- When servicing the iridium/platinum spark plugs (slender center electrode type plugs), do not touch the center electrode, as it is easy to damage.

## INSPECTION AND MAINTENANCE

### EXAMPLE

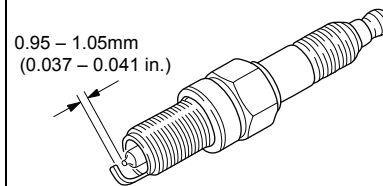


60G160S

### NOTICE

- When installing the spark plugs, screw them in with your fingers to avoid stripping the threads. Tighten the spark plugs with a torque wrench to 17.5 Nm (1.8 kg-m, 13.0 lb-ft). Do not allow contaminants to enter the engine through the spark plug holes when the plugs are removed.
- Never use spark plugs with the wrong thread size.

### EXAMPLE



80G093

### NOTICE

When replacing spark plugs, you should use the brand and type specified for your vehicle. For the specified plugs, refer to "SPECIFICATIONS" section in the end of this book. If you wish to use a brand of spark plug other than the specified plugs, consult a Maruti Suzuki authorised workshop.

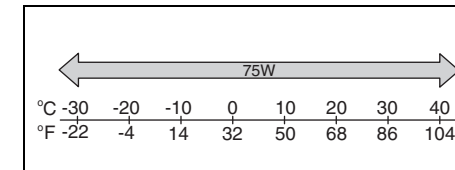
## Gear Oil

### Specified Gear Oil

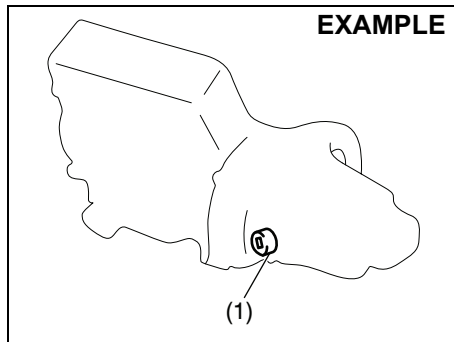
When adding gear oil, use gear oil with the appropriate viscosity and grade as shown in the chart below.

We highly recommend you use:  
"MARUTI GEAR OIL 75W" gear oil.

### Transmission oil



54P120706

**Gear Oil Level Check**

(1) Oil filler and level plug

To check the gear oil level, use the following procedure:

- 1) Park the vehicle on a level surface with the parking brake applied. Then, stop the engine.
- 2) Remove the oil filler and level plug (1).
- 3) If gear oil flows from the plug hole, the oil level is correct. Reinstall the plug. If gear oil does not flow from the plug hole, add oil through the filler plug hole until oil flows a little from the plug hole.
- 4) If the oil level is low, add gear oil through the oil filler and level plug hole (1) until the oil level reaches the bottom of the filler hole, then reinstall the plug.

Tightening torque for oil filler and level plug (1)  
21 Nm (2.1 kg-m, 15.5 lb-ft)

**CAUTION**

After driving the vehicle, the gear oil temperature may be high enough to burn you. Wait until the oil filler and level plug is cool enough to touch with your bare hands before inspecting gear oil level.

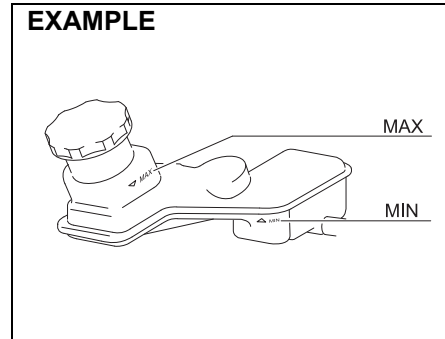
**NOTICE**

When tightening the plug, apply the following sealing compound or equivalent to the plug threads to prevent oil leakage.

**MARUTI SUZUKI Bond No. "1216E" or "1217G"**

**Gear Oil Change**

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

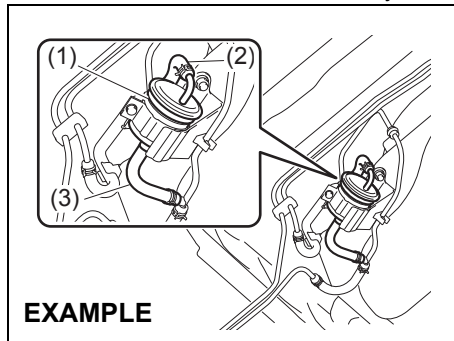
**Clutch Pedal****Fluid Control Clutch**

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 authorised workshop. If the clutch fluid level is near the "MIN" line, fill it up to the "MAX" line with Maruti Genuine Brake Fluid (MGBF) or DOT 3. We highly recommend to use "Maruti Genuine Brake Fluid" (MGBF).

## INSPECTION AND MAINTENANCE

### Fuel Filter

The fuel filter is located on the way of the fuel hose line under the vehicle body.



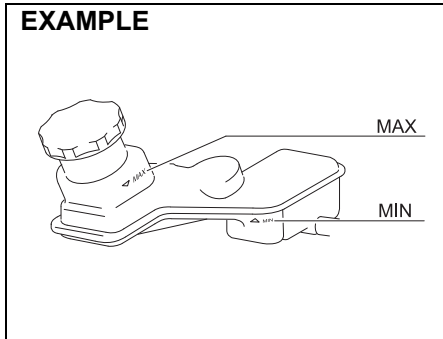
- (1) Fuel filter
- (2) Fuel inlet hose
- (3) Fuel outlet hose

#### Replace the fuel filter

Since special procedure are required, we recommend you take your vehicle to a Maruti Suzuki authorised workshop for fuel filter replacement.

### Brakes

#### Brake Fluid



Check the brake fluid level by looking at the reservoir in the engine compartment. Check that the fluid level is between "MAX" and "MIN" lines.

#### NOTICE

If your brake fluid level is near "MIN" line, there is a possibility of brake pad and/or shoe wear and brake fluid leakage. Consult with a Maruti Suzuki authorised workshop regarding this possibility before filling the reservoir.

#### ⚠ WARNING

Failure to follow the guidelines below can result in personal injury or serious damage to the brake system.

- If the brake fluid in the reservoir drops below a certain level, the brake warning light on the instrument panel will come on (the engine must be running with the parking brake fully disengaged). Should the light come on, immediately ask a Maruti Suzuki authorised workshop to inspect the brake system.
- A rapid fluid loss indicates a leakage in the brake system which should be inspected by a Maruti Suzuki authorised workshop immediately.
- Do not use any fluid other than Maruti Genuine Brake Fluid (MGBF) or DOT3 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 reach of children and animals.

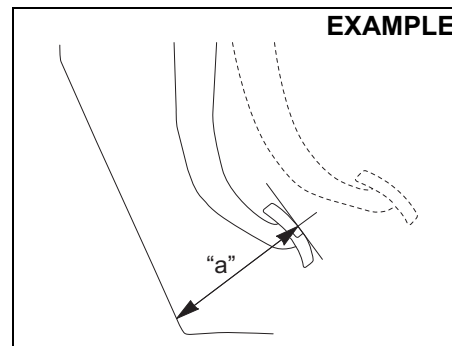
#### NOTE:

- The fluid level can be expected to gradually fall as the brake pad and/or shoe wear.
- Brake fluid absorbs water over time and brake fluid with high water content may cause vapor lock or brake system malfunction.

Replace your brake fluid in accordance with the maintenance schedule in your Owner's Manual.

### Brake Pedal

Check if the brake pedal stops at the regular height without “spongy” feeling when you depress it. If not, have the brake system inspected by a Maruti Suzuki authorised workshop. If you doubt the brake pedal for the regular height, check it as follows:



54G108

**Pedal to floor carpet minimum distance “a”:**  
**51 mm (2.0 in.)**

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

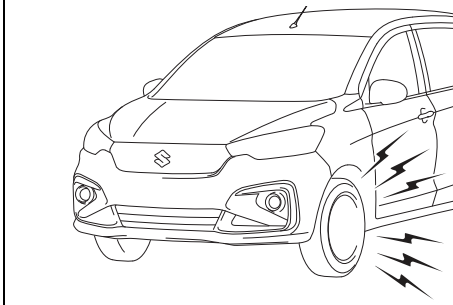
If the pedal to floor carpet distance as measured above is less than the minimum distance required, have your vehicle inspected by a Maruti Suzuki authorised workshop.

#### NOTE:

When measuring the distance between the brake pedal and floor wall, be sure not to include the floor mat or rubber on the floor wall in your measurement.

## INSPECTION AND MAINTENANCE

### EXAMPLE



60G104S

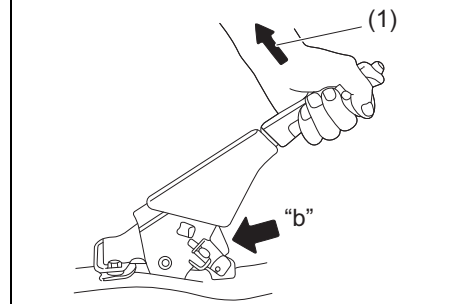
### ⚠ WARNING

If you experience any of the following problems with your vehicle's brake system, have the vehicle inspected immediately by a Maruti Suzuki authorised workshop.

- Poor braking performance
- Uneven braking (brakes not working uniformly on all wheels.)
- Excessive pedal travel
- Brake dragging
- Excessive noise

### Parking Brake

#### EXAMPLE



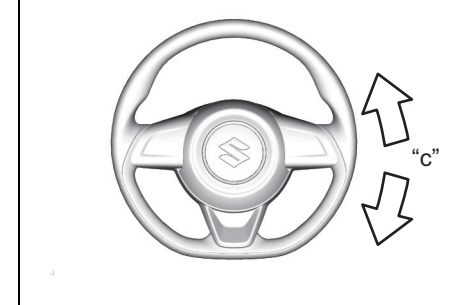
60MHM07001

**Ratchet tooth specification "b":**  
**4th – 9th**  
**Lever pull force (1):**  
**200 N (20 kg, 45 lbs)**

Check the parking brake for proper adjustment by counting the number of clicks made by the ratchet teeth as you slowly pull up on the parking brake lever to the point of full engagement. The parking brake lever should stop between the specified ratchet teeth and the rear wheels should be securely locked. If the parking brake is not properly adjusted or the brakes drag is suspected even after the lever has been fully released, have the parking brake inspected and/or adjusted by a Maruti Suzuki authorised workshop.

### Steering Wheel

#### EXAMPLE



73R0117

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

Check the play of the steering wheel by gently turning it from left to right and measuring the distance that it moves before you feel slight resistance. The play should be between the specified values.

Check that the steering wheel turns easily and smoothly without rattling by turning it all the way to the right and to the left while driving very slowly in an open area. If the amount of free play is outside the specification or you find anything else to be wrong, an inspection must be performed by a Maruti Suzuki authorised workshop.

## INSPECTION AND MAINTENANCE

### Tires

#### EXAMPLE



73R0118

The front and rear tire pressure specifications for your vehicle are listed in the tire information label. Both front and rear tires should have the specified tire pressure.

#### Tire Inspection

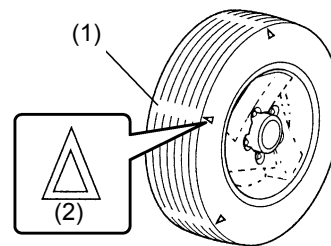
Inspect your vehicle's tires at least once a month or before long trip by performing the following checks:

- 1) Measure the air pressure with a tire gauge. Adjust the pressure if necessary. Remember to check the spare tire, too.

#### ⚠ WARNING

- Air pressures should be checked when the tires are cold or you may get inaccurate readings.
- Check the inflation pressure from time to time while inflating the tire gradually, until the specified pressure is obtained.
- Never underinflate or over-inflate the tires. Underinflation can cause unusual handling characteristics or can cause the rim to slip on the tire bead, resulting in an accident or damage to the tire or rim. Overinflation can cause the tire to burst, resulting in personal injury. Overinflation can also cause unusual handling characteristics which may result in an accident.

#### EXAMPLE



54G136

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

- 2) Check that the depth of the tread groove is more than 1.6 mm (0.06 in.). To help you check this, the tires have molded-in tread wear indicators in the grooves. When the indicators appear on the tread surface, the remaining depth of the tread is 1.6 mm (0.06 in.) or less and the tire should be replaced.
- 3) Check for abnormal wear, cracks and damage. Any tires with cracks or other damage should be replaced. If any tires show abnormal wear, have them inspected by a Maruti Suzuki authorised workshop.

#### ⚠ CAUTION

Hitting curbs and running over rocks can damage tires and affect wheel alignment. Have tires and wheel alignment checked periodically by a Maruti Suzuki authorised workshop.

- 4) Check for loose wheel nuts.
- 5) Check that there are no nails, stones or other objects sticking into the tires.

## INSPECTION AND MAINTENANCE

### ⚠ WARNING

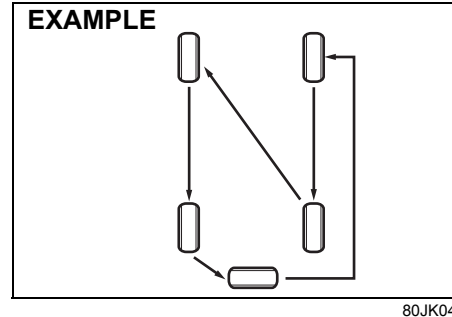
- Your MARUTI SUZUKI vehicle is equipped with tires which are all the same type and size. This is important to ensure proper steering and handling of the vehicle. Never mix tires of different size or type on the four wheels of your vehicle. The size and type of tires used should be only those approved by MARUTI SUZUKI as standard or optional equipment for your vehicle.
- Replacing the wheels and tires equipped on your vehicle with certain combinations of aftermarket wheels and tires can significantly change the steering and handling characteristics of your vehicle.
- Therefore, use only those wheel and tire combinations approved by MARUTI SUZUKI as standard or optional equipment for your vehicle.

### NOTICE

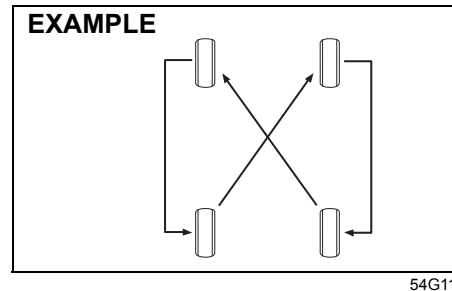
Replacing the original tires with tires of a different size may result in false speedometer or odometer readings. Check with a Maruti Suzuki authorised workshop before purchasing replacement tires that differ in size from the original tires.

### Tire Rotation

#### 5-tire rotation



#### 4-tire rotation



To avoid uneven wear of your tires and to prolong their life, rotate the tires as illustrated. Tires should be rotated every 10000 km. After rotation, adjust front and rear tire pressures to the specification listed in your vehicle's Tire Information Label.

### Wheel Balancing

If the vehicle vibrates abnormally on smooth road, have the wheel balanced at Maruti Suzuki authorised workshop.

### Wheel Alignment

In case of abnormal tire wear or pulling towards one side, have the wheel aligned at Maruti Suzuki authorised workshop.

### Tubeless Tires (If equipped)

The vehicle is equipped with Tubeless Tires. In tubeless tire, a thin layer of butyl rubber is used for lining the inside of the tubeless tire. This layer is to prevent air loss and fulfilling the purpose of tube. The air pressure is maintained by the sealing between tire bead and wheel rim. Tubeless tires are having advantage of slow air loss and preventing sudden deflation while driving.

### Care and maintenance tips for tubeless tires

- 1) Always maintain recommended inflation pressure. Driving continuously at low inflation pressure can lead to tire damage.
- 2) In case any leakage is found, check for any nail penetration/valve core damage or rim bent. Damaged wheel must not be used.
- 3) In case tire has run at low pressure, it must be inspected for any defect.
- 4) Whenever new tire is fitted, replace the valve.

## INSPECTION AND MAINTENANCE

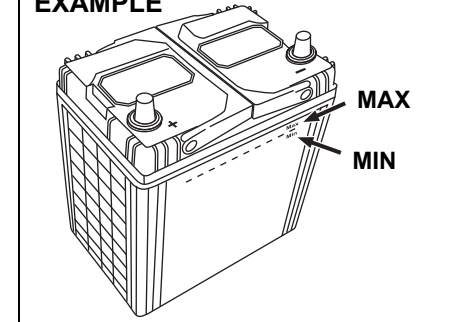
- 5) If continuous high speed driving is required, increase pressure of tires by 5 psi over recommended inflation pressure.
- 6) Never run the tire beyond TWI (Tread wear indicator). The tire is recommended to be replaced when the remaining tread has worn to this point. The indicators are spaced across the tread around the tire marked by a triangular symbol (TWI).
- 7) Always prefer tubeless tire mounting machine. In case of manual mounting tire/ wheel rim damage may occur.
- 8) In case of any problem, please get in touch with a Maruti Suzuki authorised workshop.

### Lead-acid Battery

#### ⚠ WARNING

- **Batteries produce flammable hydrogen gas. Keep flames and sparks away from the lead-acid battery or an explosion may occur. Never smoke when working in the vicinity of the lead-acid battery.**
- **When checking or servicing the lead-acid battery, disconnect the negative cable. Be careful not to cause a short circuit by allowing metal objects to contact the lead-acid battery posts and the vehicle at the same time.**
- **To avoid harm to yourself or damage to your vehicle or lead-acid battery, follow the jump starting instructions in "EMERGENCY SERVICE" section of this manual if it is necessary to jump-start your vehicle.**
- **Diluted sulfuric acid spilled from lead-acid battery can cause blindness or severe burns. Use proper eye protection and gloves. Flush eyes or body with ample water and get medical care immediately if suffered. Keep batteries out of reach of children.**

#### EXAMPLE



69RM06006

For maintenance-free battery (cap-less type), you need not add water. For traditional type battery, which has water filler caps, the level of the battery fluid must be kept between the "MAX" and the "MIN" level lines at all times. You should periodically check the battery, battery terminals, and battery hold-down bracket for corrosion. Remove corrosion using a stiff brush and ammonia mixed with water, or baking soda mixed with water. After removing corrosion, rinse with clean water.

If your vehicle is not going to be driven for a month or longer, disconnect the cable from the negative terminal of the battery to help prevent discharge.

## INSPECTION AND MAINTENANCE

### **⚠ WARNING**

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

### **NOTICE**

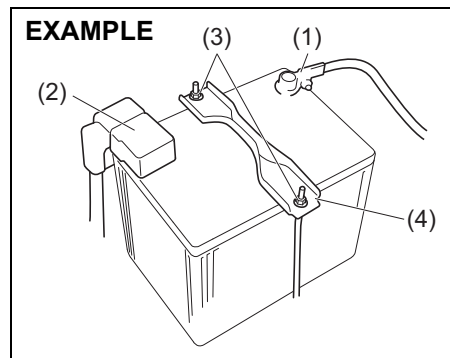
If the battery liquid is added more than the upper level line "MAX", liquid may leak by vibrations during driving or liquid may spray out in some case depending on the condition of battery charging. These may cause damage to the parts near the battery. If the battery liquid over-spills, immediately wash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

#### **NOTE:**

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

### **Replacement of the battery**

#### **EXAMPLE**



68PM00711

To remove the battery:

- 1) Disconnect the negative cable (1).
- 2) Disconnect the positive cable (2).
- 3) Remove the retainer nuts (3) and remove the retainer (4).
- 4) Remove the battery.

To install the battery:

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

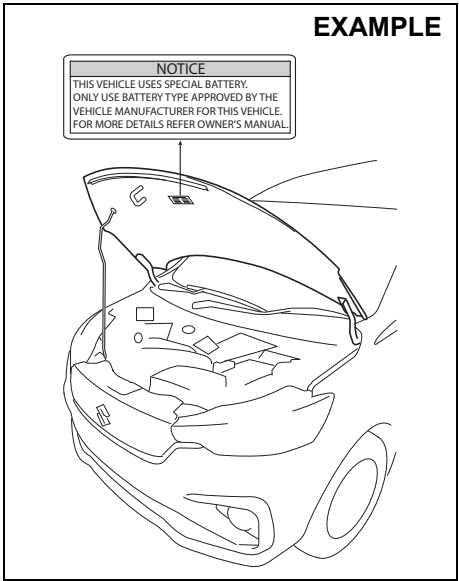
#### **NOTE:**

- When the battery is disconnected, some of the vehicle's functions will be initialized and/or deactivated. These functions are required to be reset after the battery is reconnected.

- Do not disconnect the battery terminals for at least one minute after the ignition switch is turned off.

### **⚠ WARNING**

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



You may find this label on the inside of hood.

### Fuses

Your vehicle has three types of fuses, as described below:

#### Main fuse

The main fuse takes current directly from the lead-acid battery.

#### Primary fuses

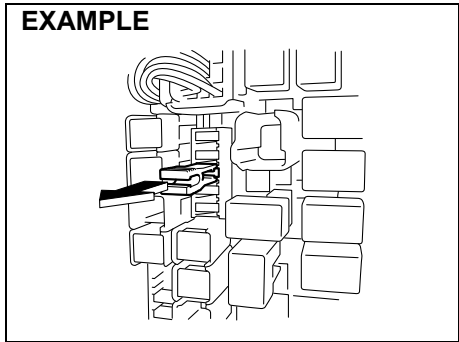
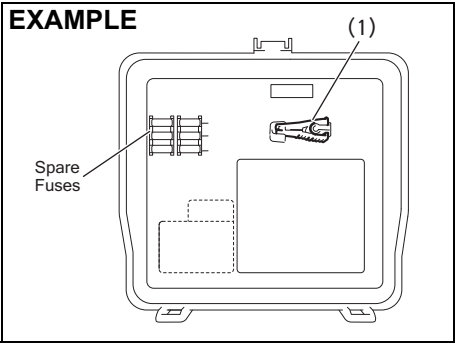
These fuses are between the main fuse and individual fuses, and are for electrical load groups.

#### Individual fuses

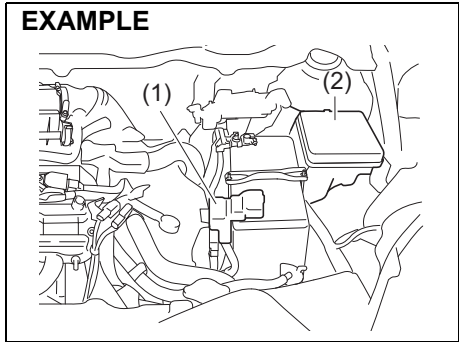
These fuses are for individual electrical circuits.

To remove a fuse, use the fuse puller (1) provided in the relay box cover.

#### Relay box cover



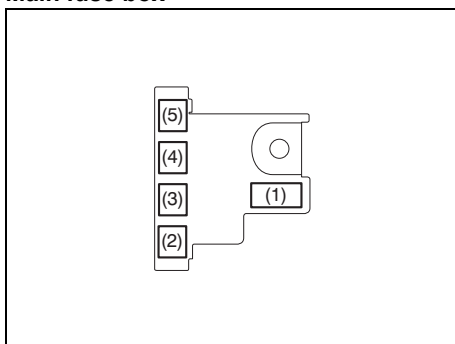
#### Fuses in Engine Compartment



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

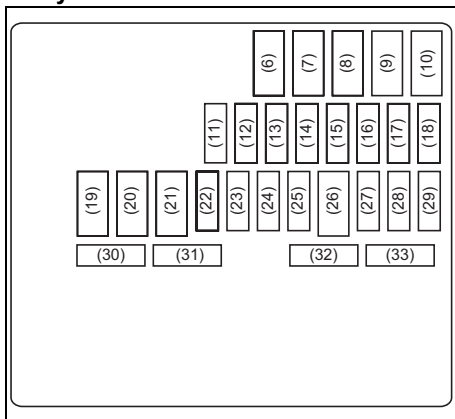
## INSPECTION AND MAINTENANCE

### Main fuse box



72RM06011

### Relay box



72RM06012

### MAIN FUSE / PRIMARY FUSE

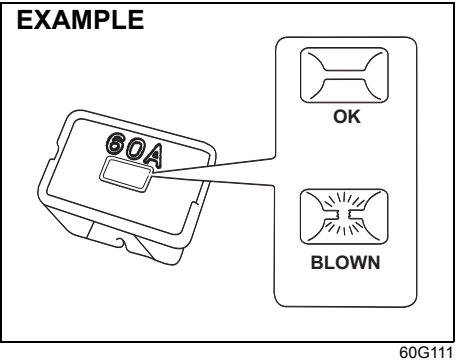
(1)	120 A	FL1
(2)	100 A	FL2
(3)	80 A	FL3
(4)	100 A	FL4
(5)	50 A	FL5
(6)	30 A	Starting motor
(7)	30 A	Blower fan
(8)	–	Battery
(9)	40 A	ABS motor
(10)	40 A	Ignition switch
(11)	30 A	Back up light
(12)	–	Blank
(13)	–	Front fog light
(14)	–	Blank
(15)	25 A	ABS solenoid
(16)	–	Blank
(17)	10 A	A/C Compressor
(18)	–	Blank
(19)	30 A	Radiator fan
(20)	–	Blank
(21)	–	Blank

(22)	25 A	Headlight HI
(23)	15 A	Headlight (Left)
(24)	15 A	Headlight (Right)
(25)	–	Blank
(26)	50 A	Ignition switch -2
(27)	–	Auto Transmission
(28)	15 A	Fuel Injection
(29)	–	CNG valve
(30)	15 A	Headlight HI (Left)
(31)	15 A	Headlight HI (Right)
(32)	5 A	Starting Signal
(33)	–	CNG



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 SUZUKI genuine replacement parts or equivalent for individual fuses.

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 and in the relay box.

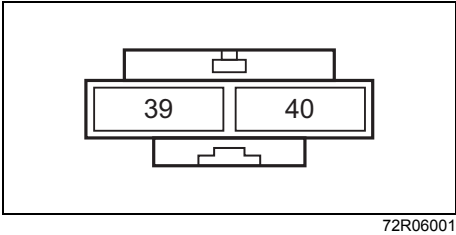
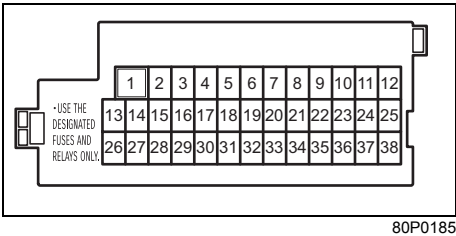
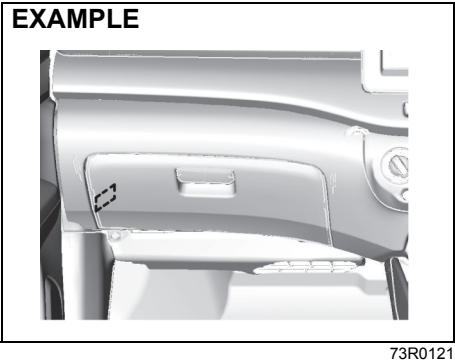


**⚠ WARNING**

**If the main fuse or a primary fuse blows, have your vehicle inspected by a Maruti Suzuki authorised workshop. Always use a MARUTI SUZUKI genuine 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.*

**Fuses under Dashboard**



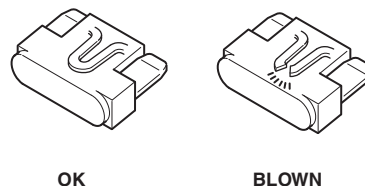
PRIMARY FUSE		
(1)	30 A	Power window
(2)	10 A	Meter
(3)	15 A	Ignition coil
(4)	5 A	Ignition-1 signal 2
(5)	–	Auto Gear Shift lever
(6)	–	Sunroof motor
(7)	–	Blank
(8)	20 A	Door lock

## INSPECTION AND MAINTENANCE

(9)	15 A	Steering lock
(10)	10 A	Hazard light
(11)	–	AUTO-STOP
(12)	–	Rear fog light
(13)	5 A	ABS control module
(14)	15 A	Rear air conditioner
(15)	5 A	Ignition-1 signal 3
(16)	10 A	Dome light-2
(17)	5 A	Dome light
(18)	15 A	Radio
(19)	5 A	Controller
(20)	5 A	Key2
(21)	20 A	Power window timer
(22)	5 A	Key
(23)	15 A	Horn
(24)	5 A	Tail light (Left)
(25)	10 A	Tail light
(26)	10 A	Airbag
(27)	10 A	Ignition-1 signal
(28)	10 A	Back up light
(29)	5 A	Accessory 3
(30)	–	Rear defogger

(31)	10 A	Mirror heater
(32)	15 A	Accessory 2
(33)	5 A	Accessory
(34)	–	Rear wiper
(35)	5 A	Ignition-2 signal
(36)	15 A	Washer
(37)	25 A	Front wiper
(38)	10 A	Stop light
(39)	25 A	Rear defogger-2
(40)	5 A	Ignition-1 Tx

### EXAMPLE



81A283

### ⚠ WARNING

Always replace a blown fuse with a fuse of the correct amperage. Never use a substitute such as aluminum foil or wire to replace a blown fuse. If you replace a fuse and the new one blows in a short period of time, you may have a major electrical problem. Have your vehicle inspected immediately by a Maruti Suzuki authorised workshop.

### NOTE:

According to the vehicle specifications, fuse setting may be different from the specifications which are shown in the above tables.

## Headlight Aiming

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

## Bulb Replacement

### CAUTION

- Light bulbs can be hot enough to burn your finger right after turning off lights. This is true especially for halogen headlight bulbs. Replace the bulbs after they become cool enough.
- The headlight bulbs are filled with pressurized halogen gas. They can burst and injure you if they are hit or dropped. Handle them carefully.
- To avoid injury by sharp-edged parts of the body, wear gloves and a long-sleeved shirt when replacing light bulbs.

### NOTICE

The oils from your skin may cause a halogen bulb to overheat and burst when the lights are on. Grasp a new bulb with a clean cloth.

### NOTICE

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

#### NOTE:

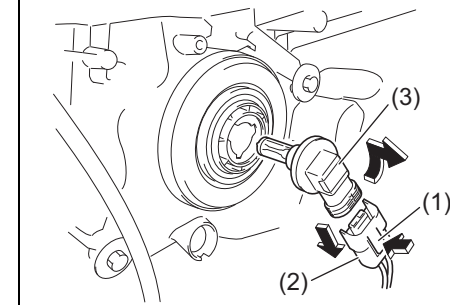
Mist may form on the lenses of exterior lights (Headlight, Rear combination light etc.) during or after driving in the rain or after car washing. This is a natural phenomenon which occurs due to temperature difference between lamp inside and outside. Temporary mist on the lens is not a malfunction and will not cause any discomfort during vehicle driving.

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

## Headlight

### Low beam

#### EXAMPLE



73R0123

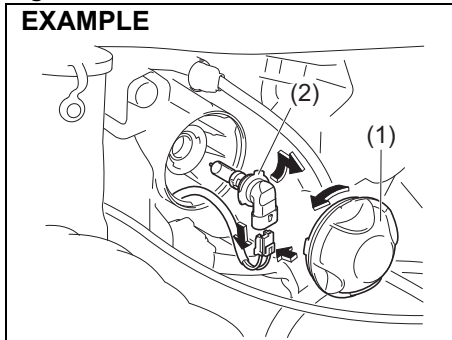
Open the engine hood while the engine is stopped.

Push the lock release (1) and disconnect the coupler (2). Turn the bulb holder counterclockwise and remove it (3). Install a new bulb in the reverse order of removal. Ensure bulb rotation upto lock.

## INSPECTION AND MAINTENANCE

### High beam

#### EXAMPLE



73R0134

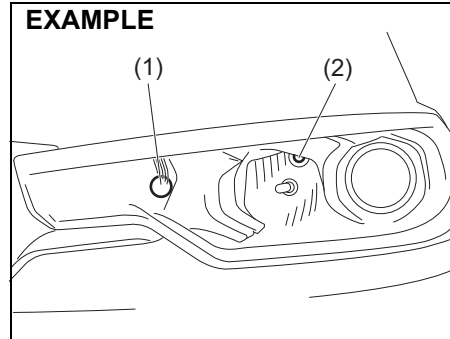
Open the engine food while the engine is stopped.

Turn the cover (1) counterclockwise and remove it.

Turn the bulb (2) holder counterclockwise and remove it. Disconnect the coupler with pushing the lock release.

### Front turn signal light Front position light

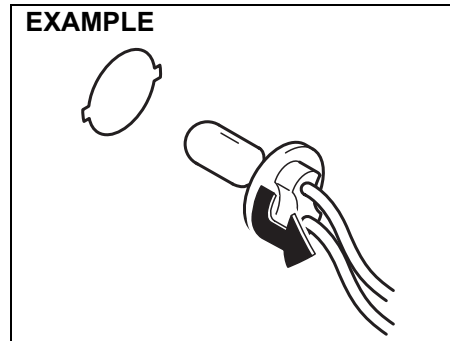
#### EXAMPLE



73R0124

- (1) Front turn signal light
- (2) Front position light

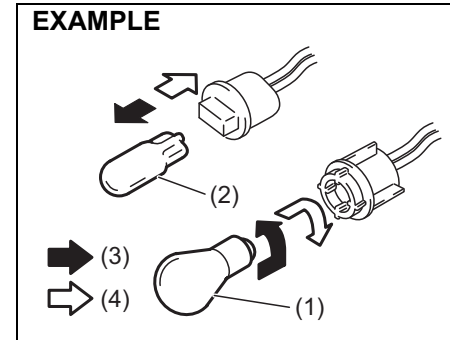
#### EXAMPLE



68PH0073

- 1) Open the engine hood while the engine is stopped. To remove the bulb holder of the front turn signal light or the front position light from the light housing, turn the holder counterclockwise and pull it out.

#### EXAMPLE



68PM00721

- (3) Removal
- (4) Installation

- 2) To remove the bulb of the front turn signal light (1) from the bulb holder, push in the bulb and turn it counterclockwise. To install a new bulb, push it in and turn it clockwise.

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

## INSPECTION AND MAINTENANCE

**NOTE:**

For turn signal / position light, it is recommended that you take your vehicle to a Maruti Suzuki authorised workshop for bulb replacement since special procedures are required.

### Side Turn Signal Light

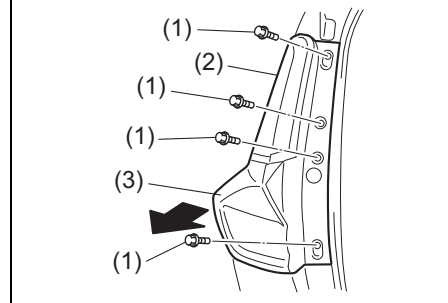
**Outside rearview mirror type**

LED is used. It is recommended that you take your vehicle to a Maruti Suzuki authorised workshop for bulb replacement since special procedures are required.

### Rear combination light (tail, stop, turn signal, etc.)

For LED tail / brake light, it is recommended that you take your vehicle to a Maruti Suzuki authorised workshop for bulb replacement since special procedures are required.

#### EXAMPLE



73R0186

With the tailgate opened, remove the bolts (1) and tail light (2), and then pull the rear combination light (3) firmly to the rearward.

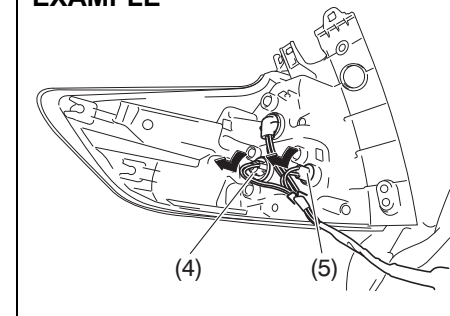
**NOTE:**

When it is difficult to remove the rear combination lamp from the body at a low temperature (10 deg. C or less), pour water between the body and the rear combination lamp to make the removal smooth.

**NOTE:**

Brake light and tail light in rear combination lamp are LED type and are non replaceable. It is recommended that you take your vehicle to a Maruti Suzuki authorised workshop for replacing brake light / tail light

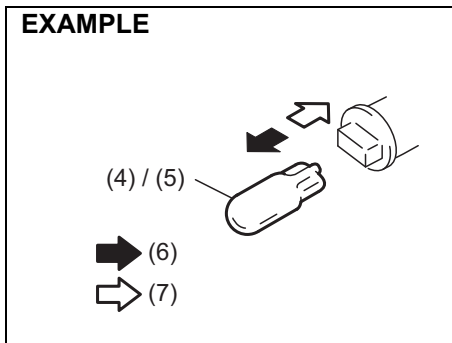
#### EXAMPLE



73RM06001

- 1) To remove the bulb holder of the rear turn signal light (4) or the reversing light (5) from the light housing, turn the holder counterclockwise and pull it out.

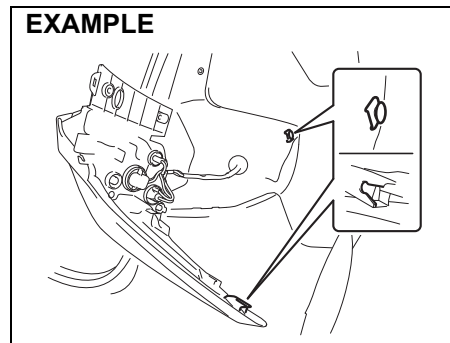
## INSPECTION AND MAINTENANCE



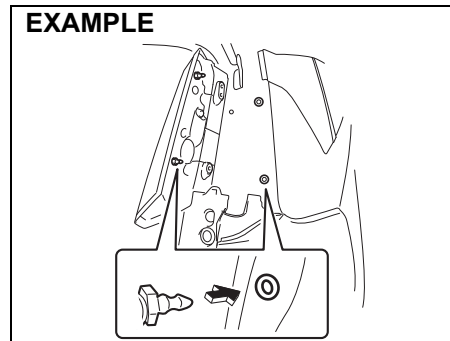
73RM06002

- (6) Removal
- (7) Installation

- 2) To remove and install the bulb of the rear turn signal light (4) or the reversing light (5), simply pull out or push in the bulb.



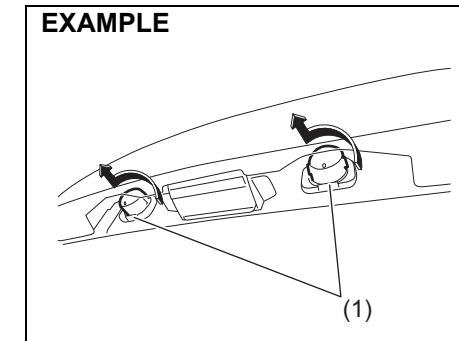
73R0188



73R0189

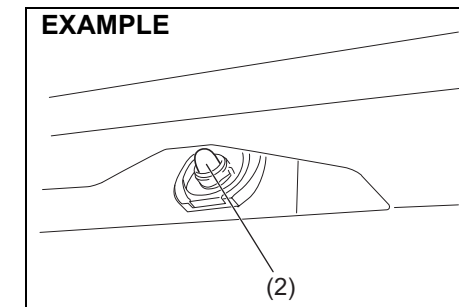
**NOTE:**  
When reinstalling the light housing, check that the clips are properly attached.

### License plate light



73R0211

- 1) Remove the cover (1) by turning it counterclockwise.



73R0192

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

## INSPECTION AND MAINTENANCE

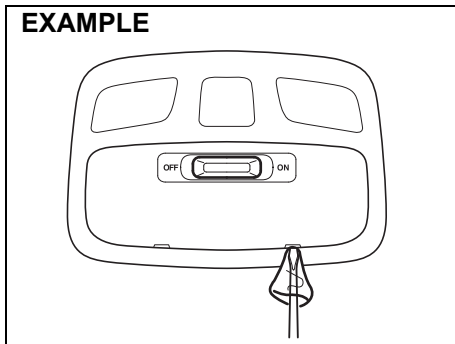
### High-mount stop light

LED is used. It is recommended that you take your vehicle to a Maruti Suzuki authorised workshop for bulb replacement since special procedures are required.

### Interior Light

#### Front

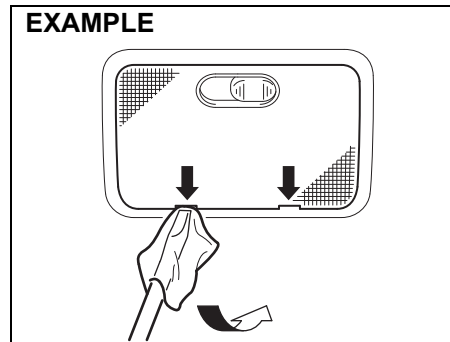
#### EXAMPLE



73R0212

#### Rear

#### EXAMPLE

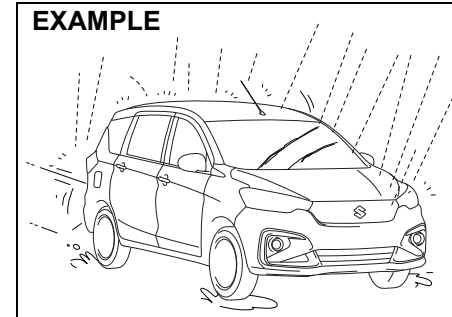


67LH084

Remove the lens by using a flat-bladed 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.

### Wiper Blades

#### EXAMPLE



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

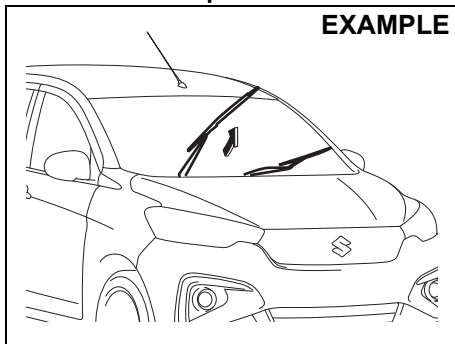
**To avoid scratching or breaking the window, do not let the wiper arm strike the window while replacing the wiper blade.**

#### NOTE:

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

## INSPECTION AND MAINTENANCE

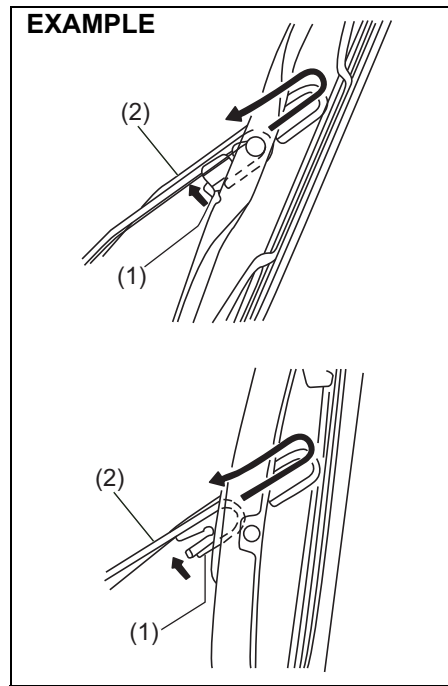
### For windshield wipers:



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

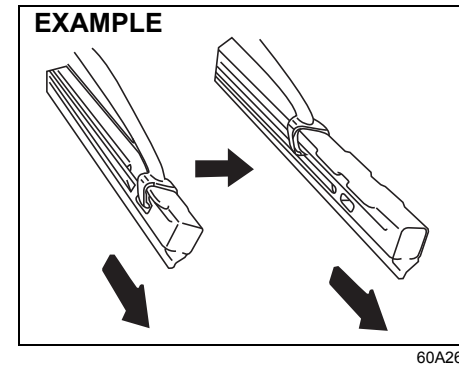
#### NOTE:

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.

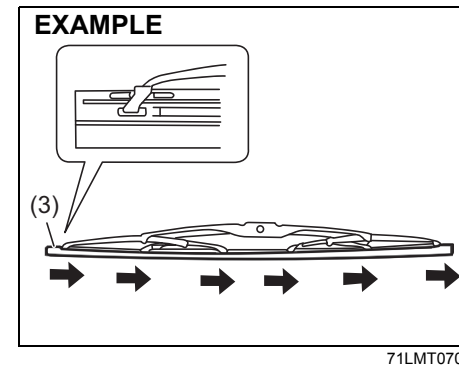


- 2) Squeeze lock (1) towards wiper arm (2) and remove the wiper frame from the arm as shown.
- 3) Unlock the lock end of the wiper blade and slide the blade out as shown.

### Removal



### Installation

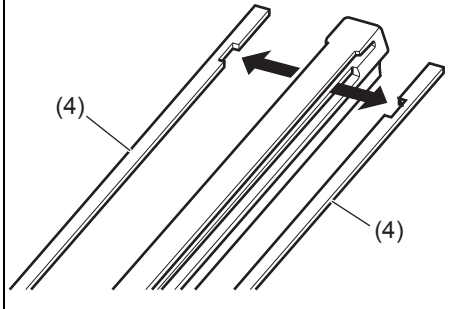


- (3) Locked end



## INSPECTION AND MAINTENANCE

### EXAMPLE

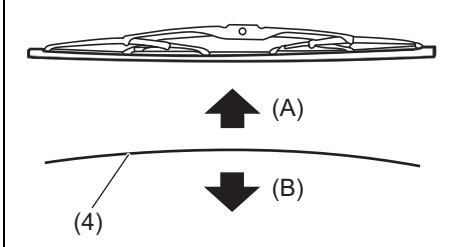


71LMT0708

(4) Retainer

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

### EXAMPLE



60MH072

- (A) Up  
(B) Down

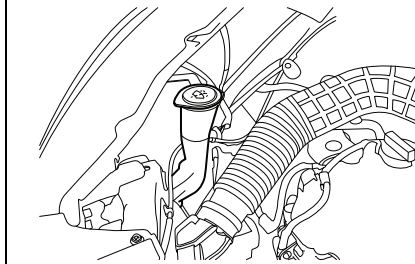
### NOTE:

When you install the metal retainers (4), make sure the direction of metal retainers as shown in the above illustrations.

- 5) Install the new blade in the reverse order of removal, with the locked end (4) 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.

## Windshield Washer Fluid

### EXAMPLE



72RM06004

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.

### ⚠ WARNING

Do not use radiator antifreeze solution in the windshield washer reservoir. This can severely impair visibility when sprayed on the windshield, and also can damage your vehicle's paint.

### NOTICE

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

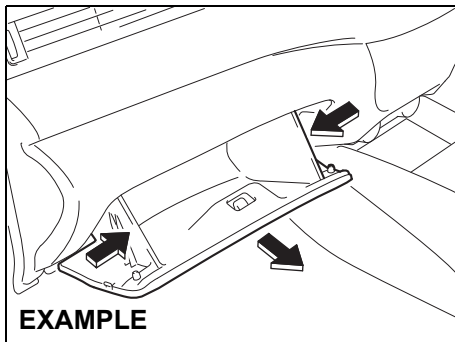
## INSPECTION AND MAINTENANCE

### Air Conditioning System

If you do not use the air conditioner for a long period, such as during winter, it may not give the best performance when you start using it again. To help maintain optimum performance and durability of your air conditioner, it needs to be run periodically. Operate the air conditioner at least once a month for one minute with the engine idling. This circulates the refrigerant and oil and helps protect the internal components.

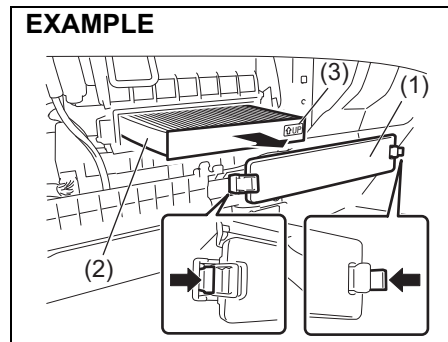
#### Air conditioner filter replacement

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



73R0201

- 1) To approach the air conditioner filter, remove the glove box by pressing both sides of the glove box inward and pulling it out.



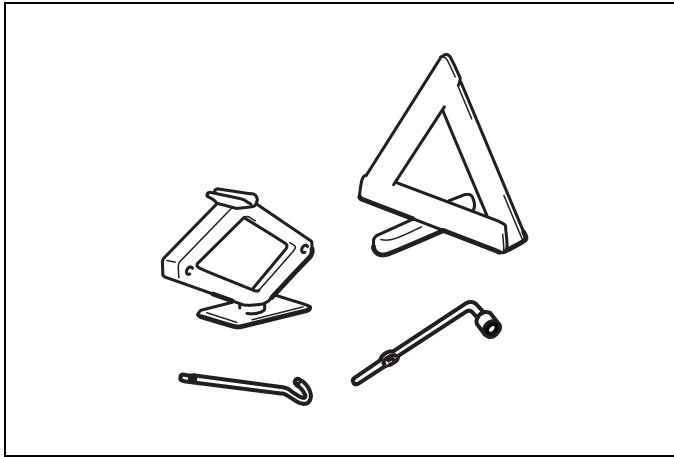
73R0202

- 2) Remove the cover (1) and pull out the air conditioner filter (2).

#### NOTE:

*When you install a new filter, check that the UP mark (3) faces upward.*

## EMERGENCY SERVICE



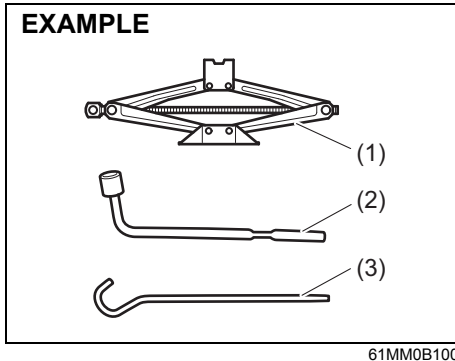
60G411A

Tire Changing Tool .....	7-1
Jacking Instructions .....	7-3
Jump-Starting Instructions .....	7-7
Towing your vehicle .....	7-9
Engine trouble: Starter does not operate .....	7-10
Engine trouble: Does not start .....	7-10
Engine trouble: Overheating .....	7-10
Warning Triangle .....	7-11

## EMERGENCY SERVICE

### Tire Changing Tool

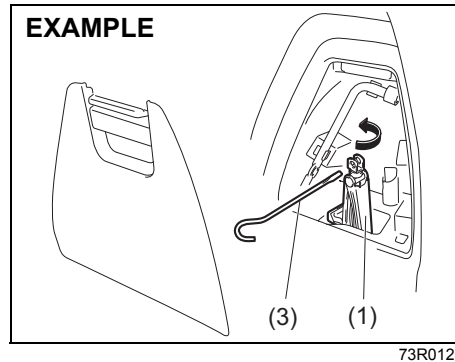
#### EXAMPLE



- (1) Jack
- (2) Wheel wrench
- (3) Jack handle

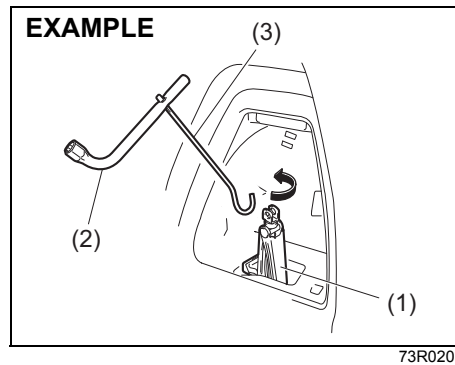
The tire changing tools are stowed in the side of the luggage compartment. Remove the cover to access the tools.

#### EXAMPLE



To remove the jack (1), turn its shaft counterclockwise by using jack handle (3) and pull the jack out of the storage bracket.

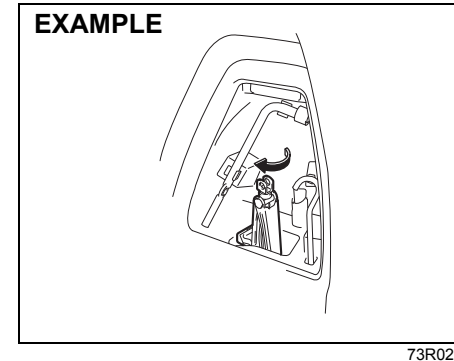
#### EXAMPLE



#### NOTE:

If you are difficult to use the jack handle (3), use jack handle and wheel wrench (2) as shown in the illustration.

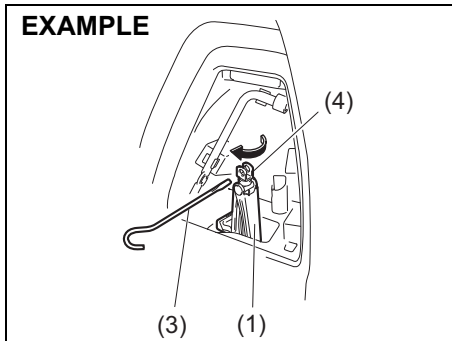
#### EXAMPLE



To stow the jack, place it in the storage bracket and turn the shaft clockwise with hand.

## EMERGENCY SERVICE

### EXAMPLE



73R0206

After temporarily holding the jack (1) until it contacts the storage bracket, turn the shaft (4) approximately 90° to 180° by using jack handle (3) to securely hold the jack in place.

### ⚠ WARNING

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

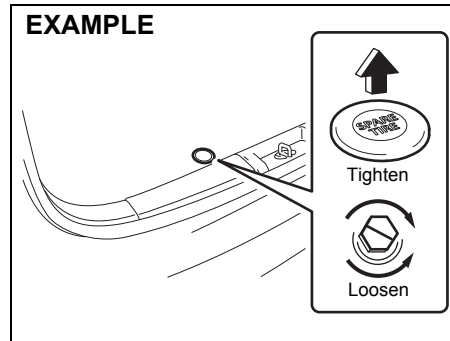
### ⚠ CAUTION

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.

The spare tire is stowed under the rear floor.

To remove the spare tire:

### EXAMPLE



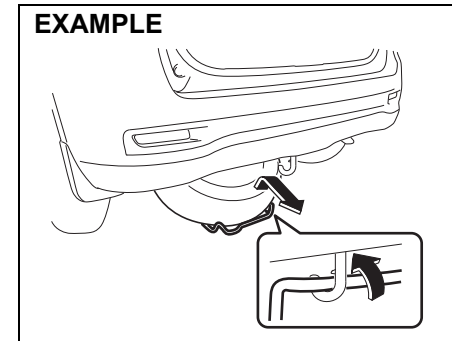
73R0127

- 1) Remove the cap and use a wheel wrench to loosen the hook bolt of the spare tire holder. Then, rotate using the end of the jack handle.

### NOTICE

Loose the spare tire holder hook bolt until you can remove the hook by yourself. If the bolt is loosen too much, the hook might off and the spare tire might drop off to the ground.

### EXAMPLE



73R0128

- 2) Unhook the spare tire holder and lower it slowly.
- 3) Remove the tire.

To install the spare tire:

- 1) Install the spare tire facing up the outside of the wheel in the reverse order of removal.
- 2) Tighten the spare tire holder hook bolt securely.

### ⚠ WARNING

Do not drive your vehicle with the loose spare tire holder hook bolt, otherwise it may come loose or the spare tire may drop off, which can result in an accident.

## EMERGENCY SERVICE

### NOTICE

Make sure that the spare tire is fixed securely. Loosely fixed tire may cause noise during driving. However, do not overtighten the bolt, it may be warped or broken.

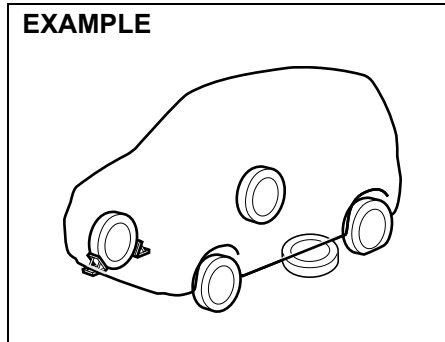
### NOTICE

Tighten the spare tire holder hook bolt securely. However, do not overtighten the bolt, it may be warped or broken.

**Tightening torque for the spare tire holder hook bolt**  
30 Nm (3.0 kg-m, 22.1 lb-ft)

## Jacking Instructions

### EXAMPLE



52KM119

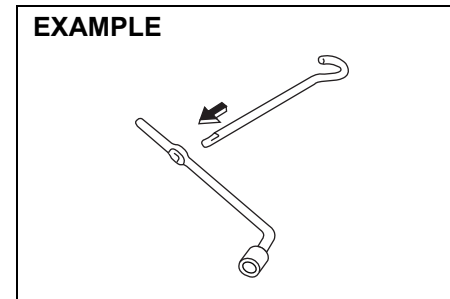
- 1) Place the vehicle on level, hard ground.
- 2) Set the parking brake firmly and shift into "R" (Reverse).

### ⚠ WARNING

- 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.

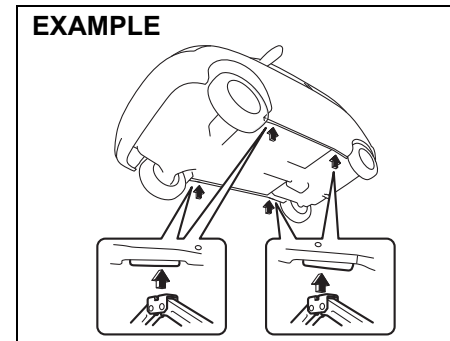
- 3) Turn on the hazard warning switch if your vehicle is near traffic.
- 4) Block the front and rear of the wheel diagonally opposite of the wheel being lifted.
- 5) Place the spare tire near the wheel being lifted as shown in the illustration in case the jack slips.

### EXAMPLE



66RM08006

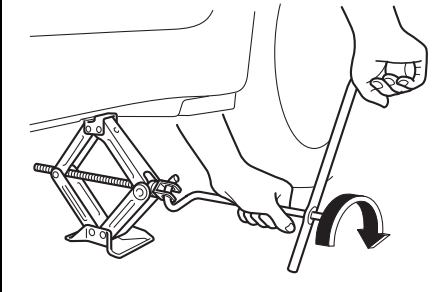
### EXAMPLE



73R0190

## EMERGENCY SERVICE

### EXAMPLE



73R0191

- 6) Position the jack at an angle as shown in the illustration and raise the jack by turning the jack handle clockwise until the jack-head groove fits around the jacking bar beneath the vehicle body.
- 7) Continue to raise the jack slowly and smoothly until the tire clears the ground. Do not raise the vehicle more than necessary.

### ⚠ WARNING

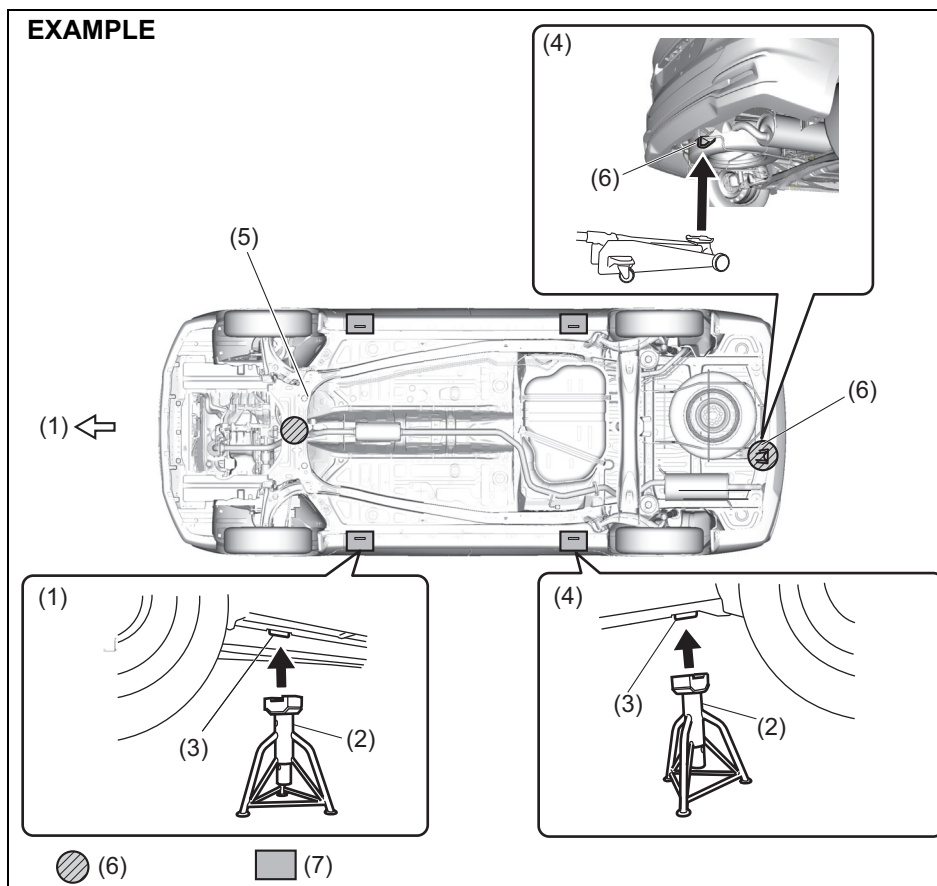
- Use the jack only to change wheels on level, hard ground.
- Never jack up the vehicle on an inclined surface.
- Never raise the vehicle with the jack in a location other than the specified jacking point (shown in the illustration) near the wheel to be changed.  
Especially, do not raise the vehicle 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 flange. Use of the jack when it is within 51 mm (2 inches) of being fully collapsed may result in failure of the jack.
- Never get under the vehicle when it is supported by the jack.
- Never run the engine when the vehicle is supported by the jack and never allow passengers to remain in the vehicle.

### Raising vehicle with 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.

## EMERGENCY SERVICE

### EXAMPLE



72R0130

- (1) Front
- (2) Jack stand
- (3) Jacking point for onboard jack
- (4) Rear
- (5) Front suspension frame
- (6) Jacking point for garage jack
- (7) 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.
- When you apply a garage jack to the rear jacking point, it may interfere with the rear bumper depending on the shape of the garage jack.

### NOTE:

For more details, please contact a Maruti Suzuki authorised workshop.



## EMERGENCY SERVICE

### Changing Wheels

To change a wheel, use the following procedure:

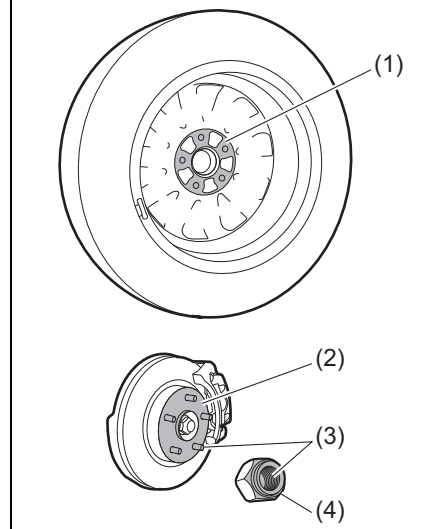
- 1) Remove the jack, tools and spare wheel from the vehicle.
- 2) Loosen, but do not remove the wheel nuts.
- 3) Jack up the vehicle (follow the jacking instructions in this section).

#### WARNING

- 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.

- 4) Remove the wheel nuts and wheel.

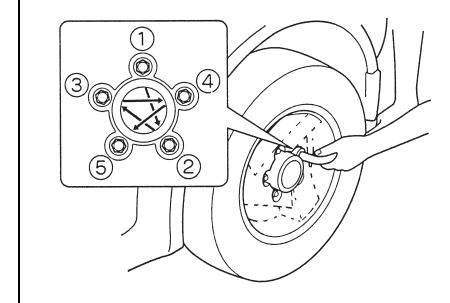
#### EXAMPLE



65J4033

- 5) Clean any mud or dirt off from the surface of the wheel (1), hub (2), thread part (3) and surface of the wheel nuts (4) with a clean cloth. Clean the hub carefully; it may be hot from driving.
- 6) Install the new wheel and replace the wheel nuts with their cone shaped end facing the wheel. Tighten each nut snugly by hand until the wheel is securely seated on the hub.

#### EXAMPLE



81A057

**Tightening torque for wheel nuts**  
**100 Nm (10.2 kg-m, 74.0 lb-ft)**

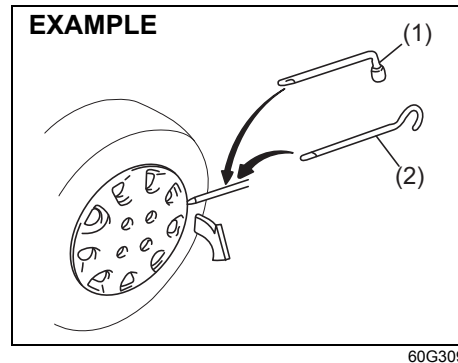
- 7) Lower the jack and fully tighten the nuts with a wheel wrench in numerical order as shown in the illustration.

#### WARNING

**Use genuine wheel nuts and tighten them to the specified torque as soon as possible after changing wheels. Incorrect wheel nuts or improperly tightened wheel nuts may come loose or fall off, which can result in an accident. If you do not have a torque wrench, have the wheel nut torque checked by a Maruti Suzuki authorised workshop.**

## EMERGENCY SERVICE

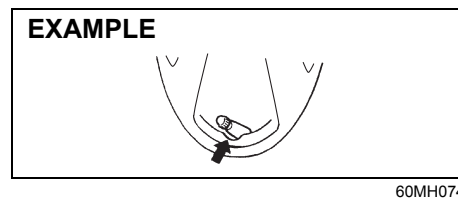
### Full Wheel Cover (if equipped)



(1) or (2) Flat end tool

Your vehicle includes two tools, a lug wrench and a jack crank, one of which has a flat end.

Use the tool with the flat end with a soft cloth to remove the full wheel cover, as shown in the illustration.



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

### After Changing Wheels

Stow the tire changing tools (jack, jack handle and lug wrench) in place. Also, stow the flat tire in the spare tire stowed position. Refer to "Tire Changing Tool" in this section.

#### NOTICE

Repair or replace the flat tire immediately. If the flat tire is placed in the spare tire stowed position for long time, it can cause vehicle shakiness, noise, or scratches.

### Jump-Starting Instructions

#### ⚠ WARNING

- Never attempt to jump-start your vehicle if the lead-acid battery appears to be frozen. Lead-acid batteries in this condition may explode.
- 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 lead-acid battery or an explosion may occur. Never smoke when working near the lead-acid battery.
- If the booster lead-acid battery you use for jump-starting is installed in another vehicle, make sure the two vehicles are not touching each other.
- If your lead-acid battery discharges repeatedly, for no apparent reason, have your vehicle inspected by a Maruti Suzuki authorised workshop.
- To avoid harm to yourself or damage to your vehicle or lead-acid battery, follow the jump-starting instructions below.  
If you are in doubt, call for qualified road service.

## EMERGENCY SERVICE

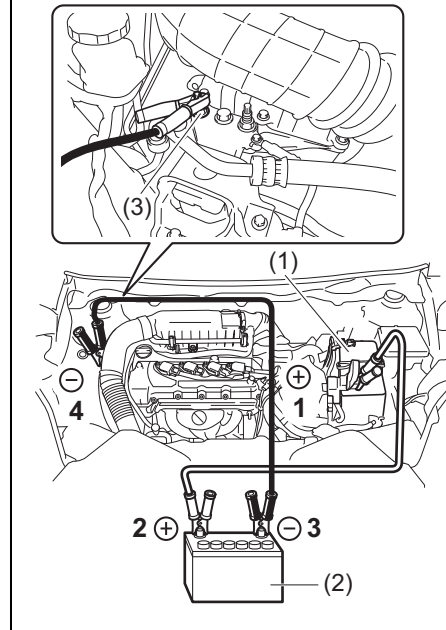
### NOTICE

**Your vehicle should not be started by pushing or towing. This starting method could result in permanent damage to the catalytic converter. Use jump leads to start a vehicle with a weak or discharged battery.**

### Jump-Starting

- 1) Use only a 12-volt battery to jump-start your vehicle. Position the good 12-volt battery close to your vehicle so that the jump leads will reach both batteries. When using a battery installed on another vehicle, check that two vehicles do not touch each other. Set the parking brakes fully on both vehicles.
- 2) Turn off all vehicle accessories, except those necessary for safety reasons (for example, headlights or hazard lights).

### EXAMPLE



73R0199

- 3) Connect jump leads as follows:

1. Connect one end of the first jump lead to the positive (+) terminal of the discharged battery (1).
2. Connect the other end to the positive (+) terminal of the booster battery (2).

3. Connect one end of the second jump lead to the negative (-) terminal of the booster battery (2).
4. Make the final connection to an unpainted, heavy metal part (i.e. engine mount bolt (3)) of the engine of the vehicle with the discharged battery (1).

### ⚠ WARNING

**Never connect the jump lead directly to the negative (-) terminal of the discharged lead-acid battery, or an explosion may occur.**

### ⚠ CAUTION

**Connect the jump lead to the engine mount bolt securely. If the jump lead disconnects from the engine mount bolt because of vibration at the start of the engine, the jump lead could be caught in the drive belts.**

## EMERGENCY SERVICE

- 4) If the booster battery you are using is fitted to another vehicle, start the engine of the vehicle with the booster battery. Run the engine at moderate speed.
- 5) Start the engine of the vehicle with the discharged lead-acid battery.
- 6) Remove the jump leads in the exact reverse order in which you connected them.

### Towing your vehicle

If you need to have your vehicle towed, contact a professional service, Maruti Suzuki authorised workshop can provide you with detailed towing instructions.

#### NOTICE

**Observe the following instructions when towing your vehicle.**

- To help avoid damage to your vehicle during towing, proper equipment and towing procedures must be used.
- Using the frame hook, tow your vehicle on paved roads for short distances at low speed.

#### 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.**

### 2-Wheel Drive (2WD)

The 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 "ACC" position) and the steering wheel is secured with a clamping device designed for towing service.

### Engine trouble: Starter does not operate

- 1) Try turning the ignition switch to "START" position with the headlights turned on to determine the lead-acid battery condition. If the headlights go excessively dim or go off, it usually means that either the lead-acid battery is discharged or the lead-acid battery terminal contact is poor. Recharge the lead-acid battery or correct lead-acid battery terminal contact as necessary.
- 2) If the headlights remain bright, check the fuses. If the reason for failure of the starter is not obvious, there may be a major electrical problem. Have the vehicle inspected by a Maruti Suzuki authorised workshop.

### Engine trouble: Does not start

Make sure that your vehicle has enough fuel and lead-acid battery.

If the engine does not start under very cold condition, press the accelerator pedal all the way to the floor and hold it while cranking the engine.

Refer to "Starting engine" in operating your vehicle section.

If the engine still does not start have your vehicle inspected at a Maruti Suzuki authorised workshop.

Do not operate the starter motor for more than 12 seconds.

#### NOTE:

*If the engine refuses to start, the starter motor automatically stops after a certain period of time. After the starter motor has automatically stopped or if there is anything abnormal in the engine starting system, the starter motor runs only while the engine switch is held pressed.*

### Engine trouble: Overheating

The engine could overheat temporarily under severe driving conditions. If the high engine coolant temperature warning light comes on as overheating during driving:

- 1) Turn off the air conditioner, if equipped.
- 2) Take the vehicle to a safe place and park.
- 3) Run the engine at a normal idle speed for a few minutes until the high engine coolant temperature warning light goes off.

#### WARNING

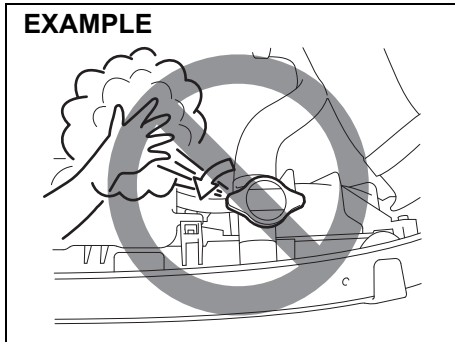
**If you see or hear escaping steam, stop the vehicle in a safe place and immediately turn off the engine to cool it. Do not open the hood when steam is present. When the steam can no longer be seen or heard, open the hood to see if the coolant is still boiling. If it is, you must wait until it stops boiling before you proceed.**

## EMERGENCY SERVICE

If the high engine coolant temperature warning light does not go off:

- 1) Turn off the engine and check that the water pump belt and pulleys are not damaged or slipping. If any abnormality is found, correct it.
- 2) Check the coolant level in the reservoir. If it is found to be lower than "LOW" line, check radiator, water pump and radiator hoses for leakage. If leakage that may cause overheating is found, do not run the engine until these problems have been corrected.
- 3) If leakage is not found, carefully add coolant to the reservoir and then the radiator, if necessary. (Refer to "Engine Coolant" in "INSPECTION AND MAINTENANCE" section.)

### EXAMPLE



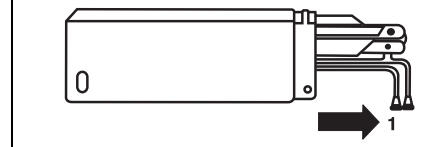
79J007

### ⚠ WARNING

- It is hazardous to remove the radiator cap when the water temperature is high, because scalding fluid and steam may be blown out under pressure. The cap should only be taken off when the coolant temperature has lowered.
- To help prevent personal injury, keep hands, tools and clothing away from the engine cooling fan and air-conditioner fan (if equipped). These electric fans can automatically turn on without warning.

## Warning Triangle

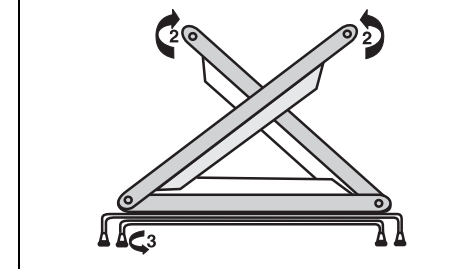
### EXAMPLE



MHO-07-001

In case of vehicle break-down or during emergency stopping, where, your vehicle could become a potential traffic hazard, keep the warning triangle, provided with your vehicle, on the road free from any obstacles behind your vehicle so as to warn the approaching traffic, at an approximate distance of 50-100 m. The reflecting side of the triangle should face the on coming traffic. Please activate the hazard warning lamps before alighting the vehicle to keep the warning triangle.

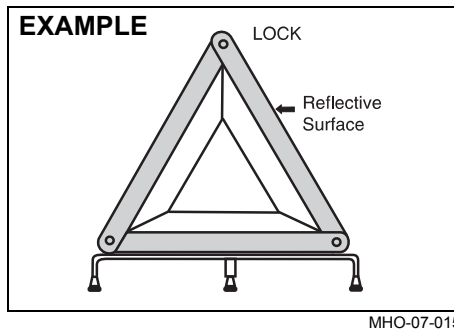
### EXAMPLE



MHO-07-014

## EMERGENCY SERVICE

- Remove the warning triangle carefully from the cover as shown by arrow 1.
- Open both the reflector arms as shown by arrow and lock the arms with each other with the clip provided in the right arm. Open the bottom stand in counter clock-wise direction as shown by arrow 3. Position the warning triangle behind the vehicle on a plain surface.
- Reverse the removal procedure for keeping inside the cover.
- Place the warning triangle below 3rd row seat.



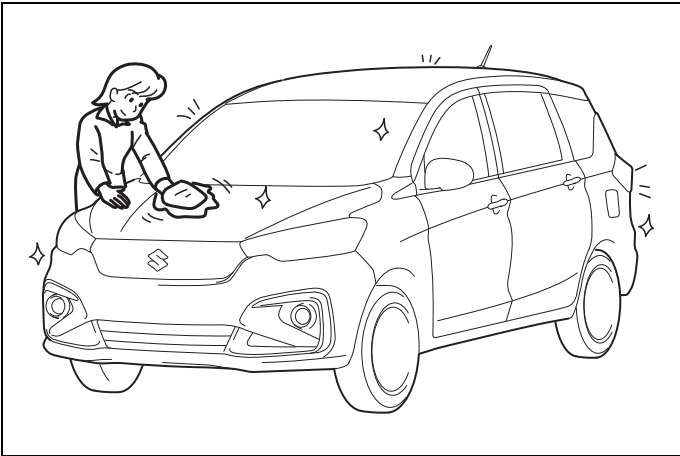




APPEARANCE CARE

Corrosion Prevention ..... 8-1

Vehicle Cleaning ..... 8-2



72RM08000

## 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 breeze or industrial pollution will all accelerate the corrosion of metal.
- 2) High humidity will increase the rate of corrosion particularly when the temperature range is just above the freezing point.
- 3) Moisture in certain areas of a vehicle for an extended period of time may 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 "Vehicle Cleaning" section.

##### Remove foreign material deposits

Foreign material such as salts, chemicals, road oil or tar, tree sap, bird droppings and industrial fall-out may damage the finish of your vehicle if it is left on painted surfaces. Remove these types of deposits as quickly as possible. If these deposits are difficult to wash off, an additional cleaner may be required. Be sure that any cleaner you use is not harmful to painted surfaces and is

specifically intended for your purposes. Follow the manufacturer's directions when using these special cleaners.

##### Repair finish damage

Carefully examine your vehicle for damage to the painted surfaces. Should you find any chips or scratches in the paint, touch them up immediately to prevent corrosion from starting. If the chips or scratches have gone through to the bare metal, have a qualified body shop make the repair.

##### Keep passenger and luggage compartments clean

Moisture, dirt or mud can accumulate under the floor mats and may cause corrosion. Occasionally, check under these mats to ensure that this area is clean and dry. More frequent checks are necessary if the vehicle is used for off-road driving or in wet weather.

Certain cargos such as chemicals, fertilizers, cleaners, salts, etc. are extremely corrosive by nature. These products should be transported in sealed containers. If they are spilled or leaked, clean and dry the area immediately.

## APPEARANCE CARE

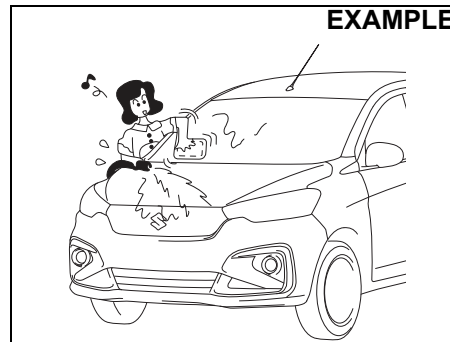
### Park your vehicle in a dry, well-ventilated area

Do not park your vehicle in a damp, poorly ventilated area. If you often wash your vehicle in the garage and place it there in wet condition, your garage may be damp. The high humidity in the garage may cause or accelerate corrosion. A wet vehicle may corrode even in a heated garage if the ventilation is poor.

#### WARNING

Do not apply additional undercoating or rust preventive coating on or around exhaust system components such as the catalytic converter, exhaust pipes, etc. A fire could be started if the undercoating substance becomes overheated.

### Vehicle Cleaning



#### WARNING

When cleaning the interior or exterior of the vehicle, do not use flammable solvents such as lacquer thinners, petrol and benzene. Also, do not use cleaning materials such as bleaches and strong household detergents. The materials could cause personal injury or damage to the vehicle.

### Cleaning Interior

#### Leather upholstery

Remove loose dirt with a vacuum cleaner. Using a mild soap or saddle soap solution, wipe dirt off with a clean damp soft cloth. To remove soap, wipe the areas again with a soft cloth dampened with water. Wipe the areas dry with a soft dry cloth. Repeat this until the dirt or stain is removed, or use a commercial leather cleaner for tougher dirt or stains. If you use a leather cleaner, carefully follow the manufacturer's instructions and precautions. Do not use solvent type cleaners or abrasive cleaners.

#### NOTE:

- In order to keep leather upholstery looking good, it should be cleaned at least twice a year.
- If leather upholstery becomes wet, immediately wipe it dry with tissue paper or a soft cloth. Water may cause leather to harden and shrink if it is not wiped off.
- When parking on sunny days, select a shady place or use a sunshade. If leather upholstery is exposed to direct sunlight for a long time, it may discolor and shrink.
- As is common with natural materials, leather is inherently irregular in grain and cowhide has spots in its natural state. These do not affect the performance of the leather in any way.

## APPEARANCE CARE

### Vinyl upholstery

Prepare a solution of soap or mild detergent mixed with warm water. Apply the solution to the vinyl with a sponge or soft cloth and let it soak for a few minutes to loosen dirt.

Rub the surface with a clean, damp cloth to remove dirt and the soap solution. If some dirt still remains on the surface, repeat this procedure.

### Fabric upholstery (Except front passenger seat)

Remove loose dirt with a vacuum cleaner. Using a mild soap solution, rub stained areas with a clean damp cloth. To remove soap, rub the areas again with a cloth dampened with water. Repeat this until the stain is removed, or use a commercial fabric cleaner for tougher stains. If you use a fabric cleaner, carefully follow the manufacturer's instructions and precautions.

#### CAUTION

- Do not spill liquid or semi-solid on the front passenger's seat. If you spill it on the front passenger's seat, immediately wipe it dry with a soft cloth. Contact of liquid with sensor may impact the function of seat belt reminder sensor.
- Do not place any sharp or heavy object on passenger seat which can penetrate through seat upholstery and can cause damage to sensor.

### Fabric upholstery (For front passenger seat)

Do not use liquid for cleaning as it may penetrate the fabric and damage the seat sensor.

### 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.

#### CAUTION

- Do not spill liquid or semi-solid on the front passenger's seat. If you spill it on the front passenger's seat, immediately wipe it dry with a soft cloth. Contact of liquid with sensor may impact the function of seat belt reminder sensor.
- Do not place any sharp or heavy object on passenger seat which can penetrate through seat upholstery and can cause damage to sensor.

### Vinyl floor mats

Ordinary dirt can be removed from vinyl with water or mild soap. Use a brush to help loosen dirt. After the dirt is loosened, rinse the mat thoroughly with water and dry it in the shade.

### Carpets

Remove dirt and soil as much as possible with a vacuum cleaner. Using a mild soap solution, rub stained areas with a clean damp cloth. To remove soap, rub the areas again with a cloth dampened with water. Repeat this until the stain is removed, or use a commercial carpet cleaner for tougher stains. If you use a carpet cleaner, carefully follow the manufacturer's instructions and precautions.

### Instrument panel and console

Remove loose dirt with a vacuum cleaner. Gently wipe dirt off with a tightly squeezed damp clean cloth. Repeat this until the dirt is removed.

#### NOTICE

Do not use chemical products that contain silicon to wipe electrical components such as the air conditioning system, audio, navigation system, or other switches. These will cause damage to the components.

## APPEARANCE CARE

### NOTICE

- Liquid such as liquid aromatics, soft drinks or juice may cause discoloration, wrinkles, and cracking to resin-based parts and textiles. Immediately wipe it dry with tissue paper or a soft cloth.
- Do not leave leather products with color, fur or vinyl products, etc. in your vehicle for long periods. It may cause discoloration or deterioration of interior.

### Cleaning Exterior

#### NOTICE

It is important that your vehicle be kept clean and free from dirt. Failure to keep your vehicle clean may result in fading of the paint or corrosion to various parts of the vehicle body.

### Caring for Aluminum Wheels

#### NOTE:

- Do not use an acidic or alkaline detergent, or a cleaner containing petroleum solvent to wash aluminum wheels. These types of cleaner will cause permanent spots, discoloration and cracks on finished surfaces and damage to center caps.
- Do not use a bristle brush and soap containing an abrasive material. These will damage finished surfaces.

### Washing

#### ⚠ WARNING

- Never attempt to wash and wax your vehicle with the engine running.
- When cleaning the underside of the body and fender, where there may be sharp-edged parts, wear gloves and a long-sleeved shirt to protect your hands and arms from being cut.
- After washing your vehicle, carefully test the brakes before driving to make sure they have maintained their normal effectiveness.

### Washing by hand

#### EXAMPLE



60B212S

## APPEARANCE CARE

When washing the vehicle, park it in the place where direct sunlight does not fall on it as much as possible 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. Follow the above procedure.**

- 3) Wash the entire exterior with a mild detergent or car wash soap using a sponge or soft cloth. The sponge or cloth should be frequently soaked in the soap solution.

### NOTICE

**When using a commercial car wash product, observe the cautions specified by the manufacturer. Never use strong household detergents or soaps.**

- 4) Once the dirt has been completely removed, rinse off the detergent with running water.
- 5) Wipe off the vehicle body with a wet chamois or cloth and allow it to dry in the shade.
- 6) Check carefully for damage to painted surfaces. If there is any damage, touch up the damage following the procedure below:
  1. Clean all damaged spots and allow them to dry.
  2. Stir the paint and touch up the damaged spots lightly using a small brush.
  3. Allow the paint to dry completely.

## Washing by an automatic car wash

### NOTICE

**If you use an automatic car wash, 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.**

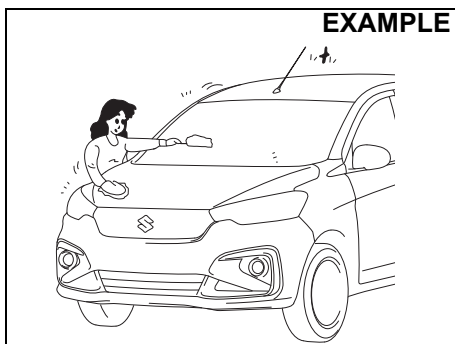
## Washing by a high-pressure cleaner

### NOTICE

**If you use a high-pressure cleaner, keep away the nozzle from your vehicle sufficiently.**

- Bringing the nozzle to your vehicle too close or pointing the nozzle to the opening of front grill or bumper etc. can cause damage and malfunction of the vehicle body and parts.
- Pointing the nozzle to the weather-strip of door glasses and doors can allow water to enter the cabin.

## Waxing



60B211S

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

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





SPECIFICATIONS

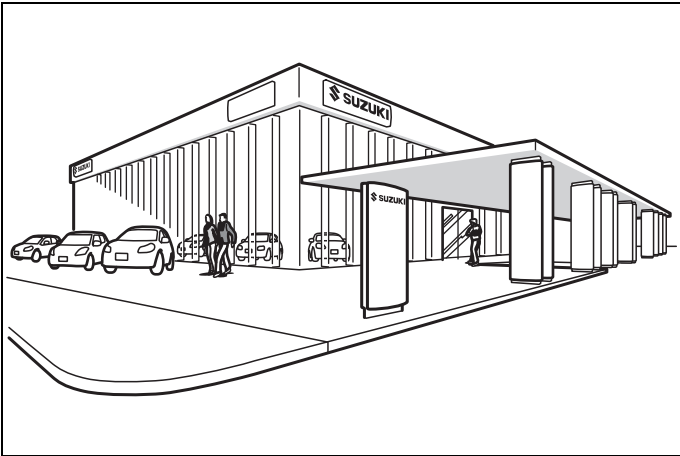
Vehicle Identification ..... 9-1

FASTag (if equipped) ..... 9-1

High Security Registration Plate (HSRP) (if equipped) .... 9-2

Fuel ..... 9-3

SPECIFICATIONS ..... 9-5



81MM01001

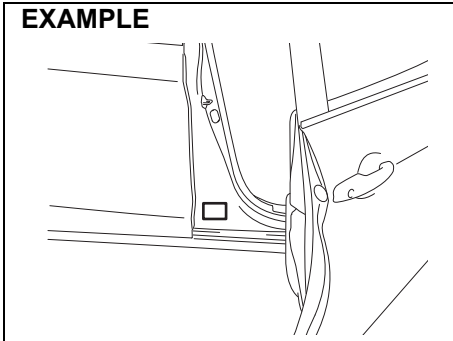
## SPECIFICATIONS

### SPECIFICATIONS

#### Vehicle Identification

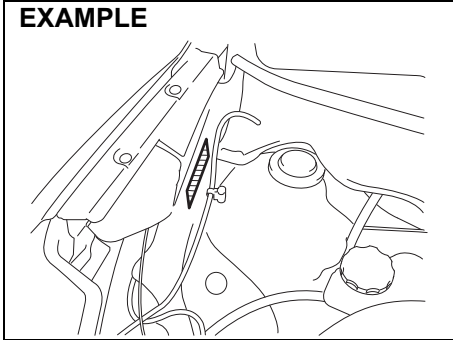
##### Chassis Serial Number

###### EXAMPLE



73R0135

###### EXAMPLE

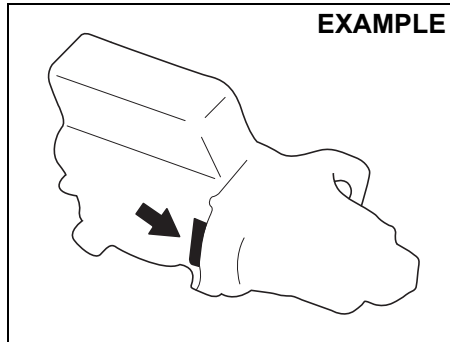


73R0136

The chassis and/or engine serial numbers are used to register the vehicle. They are also used to assist a Maruti Suzuki authorised workshop when ordering or referring to special service information. Whenever you have occasion to consult a Maruti Suzuki authorised workshop, remember to identify your vehicle with this number. Should you find the number difficult to read, you will also find it on the identification plate.

##### Engine Serial Number

###### EXAMPLE



60G128

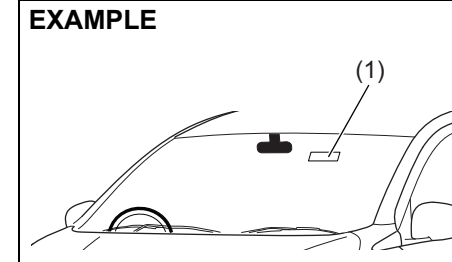
The engine serial number is stamped on the cylinder block as shown in the illustration.

##### FASTag (if equipped)

As per Ministry of Road Transport and Highways, the FASTag (1) is mandatory for each vehicle for the purpose of electronic toll collection or any other purpose as may be defined by the Government of India.

In case of any damage to FASTag or replacement of front windscreen, please contact your nearest Maruti Suzuki authorised workshop.

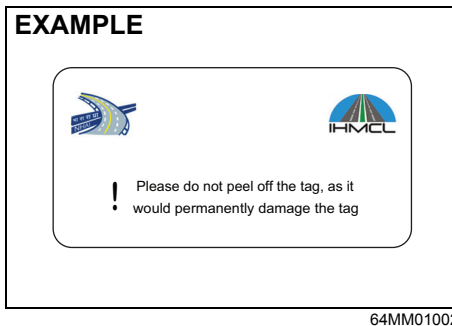
###### EXAMPLE



72RM09001

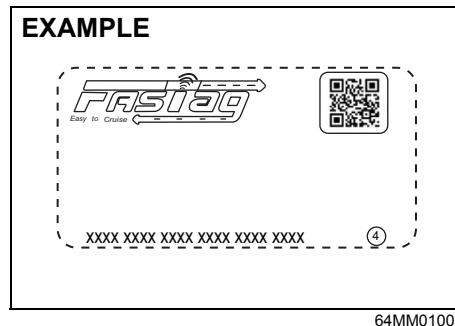
## SPECIFICATIONS

### As seen from inside of the vehicle



**NOTE:**  
The picture shown is for indicative purpose only. Internal structure of actual device mounted on vehicle may be different.

### As seen from outside of the vehicle



**NOTE:**  
The picture shown is for indicative purpose only. Internal structure of actual device mounted on vehicle may be different.

- NOTE:**
- Any attempt to remove the tag from the windscreen will result in permanent damage to the tag.
  - Use of chemical cleaners to clean the windscreen area where the tag is mounted can damage the tag.
  - Use of any sharp objects on the tag can damage the tag.

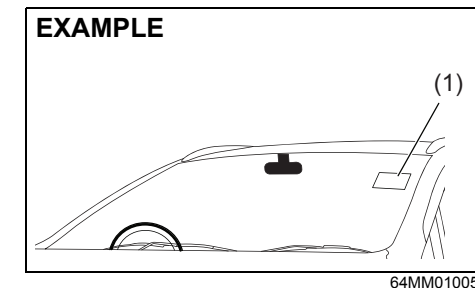
### High Security Registration Plate (HSRP) (if equipped)

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

HSRP contains;

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

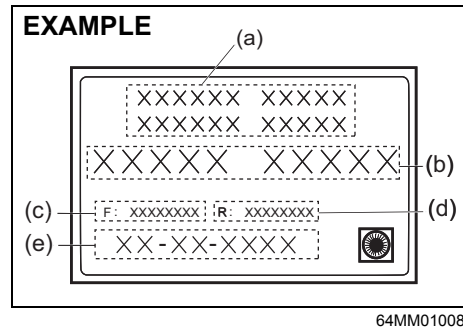
### Third License Plate



(1) Third license plate

## SPECIFICATIONS

### Third license plate - As seen from outside of the vehicle



- (a) HSRP issuing authority name
- (b) Vehicle registration number
- (c) Unique laser number - Front plate
- (d) Unique laser number - Rear plate
- (e) Date of 1st registration  
(in DD-MM-YYYY format)

#### NOTE:

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

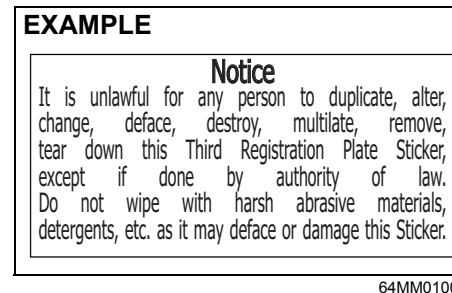
#### NOTE:

- Any attempt to remove the third license plate from the windscreen will result in permanent damage to the label.
- Use of chemical cleaners to clean the windscreen area where the label is mounted can damage the same.
- Use of any sharp objects on the label can damage the label.

## 9-3

- In the event of any replacement of the third license plate may please contact the approved authority.

### Third license plate - As seen from inside of the vehicle



#### NOTE:

The picture shown is for indicative purpose only.

#### NOTE:

Color of third license plate (back) is as per HSRP regulation as defined by Ministry of Road Transport and highways.

## Fuel

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

### Petrol/Ethanol blends

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

#### NOTE:

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

### Petrol containing MTBE

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

## SPECIFICATIONS

### ***NOTICE***

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

### ***NOTICE***

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

## SPECIFICATIONS

### SPECIFICATIONS

*NOTE:*

*Specifications are subject to change without notice.*

ITEM: Dimensions		UNIT: mm
Overall length		4395
Overall width		1735
Overall height (Unladen)		1690
Wheelbase		2740
Track	Front	1510
	Rear	1520

ITEM: Mass (weight)		UNIT: kg
Curb mass (weight)		1145
Gross vehicle mass (weight) rating		1730
Permissible maximum Axle Weight	Front	815
	Rear	960

## SPECIFICATIONS

ITEM: Engine	
Type	K15B (DOHC)
Number of cylinders	4
Bore	74.0 mm
Stroke	85.0 mm
Piston displacement	1462 cm <sup>3</sup>
Compression ratio	10.5 : 1

ITEM: Electrical	
Standard spark plug	NGK KR6A-10
Lead-acid battery	12V 34B19L
Fuses	See "INSPECTION AND MAINTENANCE" section.

## SPECIFICATIONS

ITEM: Lights		WATTAGE	BULB No.
Headlight	High beam	12V 60W	HB3
	Low beam	12V 55W	H11
Turn signal light	Front	12V 21W	WY21W
	Rear	12V 21W	PY21W
Side turn signal light		LED	
Position light		12V 5W	W5W
Tail/brake light		LED	
License plate light		12V 5W	W5W
Reversing light		12V 16W	W16W
Interior light		12V 10W	—
High mount stop light		LED	

ITEM: Wheels and Tires	
Tire size (front, rear and spare)	185/65R15 88H <sup>*1</sup>
Rim size	15X5 1/2J
Tire pressures	For the specified tire pressure, see the Tire Information Label located on the driver's door lock pillar.

\*1 If you cannot prepare tires with the specified load index rate and speed symbol, prepare tires with higher load index rate and speed symbol.

**NOTE:**

The spare wheel provided with alloy wheel variant is of steel wheel rim, hence follow 4 tire rotation only. (Refer: Section Inspection and Maintenance)



## SPECIFICATIONS

ITEM: Capacities (approx.)		
Fuel tank		45 L <sup>#</sup>
Coolant (including reservoir tank)	See "INSPECTION AND MAINTENANCE" section.	4.7 L
Engine oil	Classification: API SN Viscosity: SAE 0W-16	3.1 L (replacement with oil filter)
Transmission oil	"MARUTI GENUINE GEAR OIL 75W"	2.6 L
Brake fluid / Clutch fluid	MARUTI GENUINE BRAKE FLUID (MGBF) or DOT 3.	Refill to the proper oil level according to the instructions in "INSPECTION AND MAINTENANCE" section.

# The fuel tank capacity is slightly more than the recommended quantity of fuel that you can fill. The additional voluminous space is provided for safety and scientific reasons.

