



## OWNER'S MANUAL & SERVICE BOOKLET

For vehicle fitted with CNG fuel system, use Alto CNG Supplementary Owner's Manual, available with the vehicle.

Keep the booklet with the vehicle at all times.

Contains Warranty policy and important information on Safety, Operation & Maintenance.

Part No. 99011M53T02-74E  
February, 2023  
ENG.

This Owner's Manual & Service Booklet applies to ALTO models produced by MARUTI SUZUKI INDIA LIMITED.



NOTE : The illustrated models are one of the ALTO series  
Accessories show in the picture are not part of standard equipment

© Copyright 2023 **Maruti Suzuki India Limited.** All rights reserved.

No part of this manual can be reproduced in any manner whatsoever or transmitted  
in any form or by any means without prior written consent of Maruti Suzuki India Limited.

## **FOREWORD**

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

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

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

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

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

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

### **MARUTI SUZUKI INDIA LIMITED**

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

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

## IMPORTANT

### ⚠ WARNING/⚠ CAUTION/NOTICE/ NOTE

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

#### ⚠ WARNING

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

#### ⚠ CAUTION

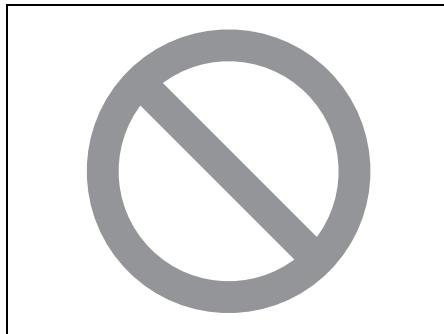
Indicates a potential hazard that could result in minor or moderate injury.

#### NOTICE

Indicates a potential hazard that could result in vehicle damage.

#### NOTE:

Indicates special information to make maintenance easier or instructions clearer.



75F135

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

#### NOTE:

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

## MODIFICATION WARNING

### ⚠ WARNING

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

### NOTICE

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

### NOTICE

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

# “WARNING”



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

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

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



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

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

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

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

# **“CAUTION”**

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

<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>												
Front Right			<b>CONTACT NO. FOR SERVICE APPOINTMENT &amp; SUPPORT</b>											
Front Left														
Rear Right														
Rear Left														
Spare														
For any assistance with regard to our product, please contact General Manager/Works Manager at any of our 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.														

## 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 - 1 Month / 1000 KM*			
2 <sup>nd</sup> Free inspection service - 6 Months / 5000 KM *			
3 <sup>rd</sup> Free inspection service - 12 Months / 10000 KM*			
1 <sup>st</sup> Paid inspection service - 24 Months / 20000 KM*			
2 <sup>nd</sup> Paid inspection service - 36 Months / 30000 KM*			
3 <sup>rd</sup> Paid inspection service - 48 Months / 40000 KM*			
4 <sup>th</sup> Paid inspection service - 60 Months / 50000 KM*			
5 <sup>th</sup> Paid inspection service - 72 Months / 60000 KM*			
6 <sup>th</sup> Paid inspection service - 84 Months / 70000 KM*			
7 <sup>th</sup> Paid inspection service - 96 Months / 80000 KM*			
8 <sup>th</sup> Paid inspection service - 108 Months / 90000 KM*			
9 <sup>th</sup> Paid inspection service - 120 Months / 100000 KM*			
10 <sup>th</sup> Paid inspection service - 132 Months / 110000 KM*			
11 <sup>th</sup> Paid inspection service - 144 Months / 120000 KM*			
12 <sup>th</sup> Paid inspection service - 156 Months / 130000 KM*			

\* Interval: This interval should be judged by month(s) or odometer reading, whichever comes first.

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



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



**1ST. FREE INSPECTION COUPON**

(Customer's copy)

(1 MONTH or 1,000 KM  
whichever comes first)

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 MONTH or 1,000 KM  
whichever comes first)

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 MONTH or 1,000 KM  
whichever comes first)

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 MONTH or 1,000 KM  
whichever comes first)



Stamp of Selling dealer  
(Code & Full Address)

## 1ST. FREE INSPECTION COUPON

(Selling dealer copy)

(1 MONTH or 1,000 KM  
whichever comes first)



Stamp of Selling dealer  
(Code & Full Address)

## 1ST. FREE INSPECTION COUPON

(Customer's copy)

(1 MONTH or 1,000 KM  
whichever comes first)



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.



Service Division  
Maruti Suzuki India Limited



### 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.



Service Division  
Maruti Suzuki India Limited



### 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.



Service Division  
Maruti Suzuki India Limited

**2ND. FREE INSPECTION COUPON**

(Customer's copy)

(6 MONTHS or 5,000 KM  
whichever comes first)**2ND. FREE INSPECTION COUPON**

(Selling dealer copy)

(6 MONTHS or 5,000 KM  
whichever comes first)**2ND. FREE INSPECTION COUPON**

(Servicing W/S copy)

(6 MONTHS or 5,000 KM  
whichever comes first)

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

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

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

## 2ND. FREE INSPECTION COUPON

(Servicing W/S copy)

(6 MONTHS or 5,000 KM  
whichever comes first)

## 2ND. FREE INSPECTION COUPON

(Selling dealer copy)

(6 MONTHS or 5,000 KM  
whichever comes first)

## 2ND. FREE INSPECTION COUPON

(Customer's copy)

(6 MONTHS or 5,000 KM  
whichever comes first)

Stamp of Selling dealer  
(Code & Full Address)

Stamp of Selling dealer  
(Code & Full Address)

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 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 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.



Service Division  
Maruti Suzuki India Limited

Service Division  
Maruti Suzuki India Limited

Service Division  
Maruti Suzuki India Limited



**3RD. FREE INSPECTION COUPON**(Customer's copy) (12 MONTHS or 10,000 KM  
whichever comes first)

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) (12 MONTHS or 10,000 KM  
whichever comes first)

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) (12 MONTHS or 10,000 KM  
whichever comes first)

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) (12 MONTHS or 10,000 KM  
whichever comes first)

Stamp of Selling dealer  
(Code & Full Address)

### 3RD. FREE INSPECTION COUPON

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

Stamp of Selling dealer  
(Code & Full Address)

### 3RD. FREE INSPECTION COUPON

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

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.



Service Division  
Maruti Suzuki India Limited

#### 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.



Service Division  
Maruti Suzuki India Limited

#### 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.



Service Division  
Maruti Suzuki India Limited

## **WARRANTY POLICY**

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

### **(1) Qualification:**

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

### **(2) Term:**

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

### **(3) Maruti Suzuki Warranty Obligation:**

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

### **(4) Limitation:**

This warranty shall not apply to:

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

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

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

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

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

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

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

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

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

---

## (7) Owner's Warranty Obligations:

### **NOTICE**

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

It is responsibility of each owner to:

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

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

## (8) Disclaimer of Consequential Damage:

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

## (9) Change of Owner

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

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

### **NOTE:**

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

## EMISSION WARRANTY POLICY

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

### Terms:

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

### Conditions:

1. Under Emission Warranty, Warranty claims will be admitted for a prima-facie examination, in case vehicle fails to meet the Emission Standard as specified in sub rule (2) of rule no. 115 of Central Motor Vehicles Rules (CMVR), 1989.
2. The warranty claims will only be accepted after examination carried out by Maruti Suzuki or Maruti Suzuki authorised workshop which leads to firm conclusions that the
  - a) Original settings have not been tampered in any case.
  - b) Part (as given in Annexure - A) has a manufacturing defect.
  - c) Vehicle is unable to meet the Emission Standards (as given in 1.), inspite of the vehicle having been maintained and used in accordance with the instructions as specified in Owner's Manual and Service Booklet and the used fuel and different oils (Engine oil, Transmission oil, Brake oil etc.) are also as per specification.

3. The method of examination for deciding the warranty of the parts will be at the sole discretion of Maruti Suzuki and Maruti Suzuki authorised workshop and results of the examination will be final and binding. If after examination, the warrantable condition is not established, Maruti Suzuki and Maruti Suzuki authorised workshop has the right to charge all, or part of the cost of such examination.
4. Under Emission Warranty, the parts (as given in Annexure - A) will be changed free of cost, but the consumables will be charged as per actual.
5. If the part covered under Emission Warranty or the associated parts, are not independently replaceable, on account of these being integral parts of a complete assembly, Maruti Suzuki and Maruti Suzuki authorised workshop will have the sole discretion to replace either the entire assembly or by using some of the parts of the system through suitable repairs or modifications.
6. Any consequential repairs or replacement of parts which may be found necessary to establish compliance of Emission Warranty, will not be considered under warranty, unless the same is under product warranty. The consumable will be charged as per actual under such repair or replacement.
7. Maruti Suzuki will not be responsible for the cost of transportation of the vehicle to the nearest Maruti Suzuki authorised workshop or any loss due to non-availability of the vehicle during the period of lodging of a warranty claim and examination and/or repair by Maruti Suzuki authorised workshop.
8. Maruti Suzuki will not be responsible for any penalty that may be charged by statutory authorities on account of failure to comply with the EMISSION STANDARDS.
9. Emission Warranty will not be affected by the change of owner, provided all the documents are available.

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

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

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

#### **Annexure - A**

List of parts (if applicable) covered under Emission Warranty

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



---

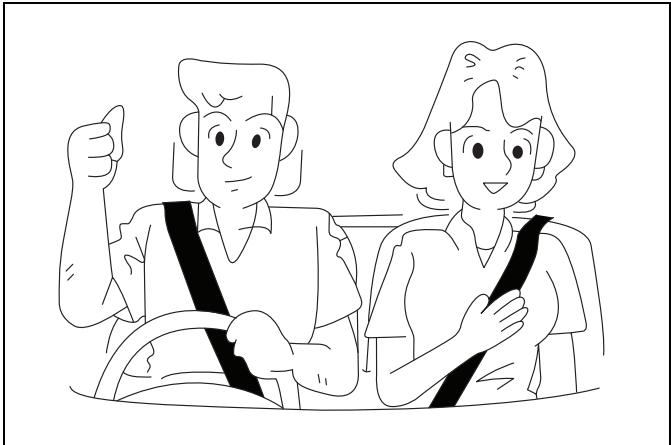
## TABLE OF CONTENTS

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**

Floor mats (if equipped) .....	1-1
Front seats .....	1-1
Rear seats .....	1-3
Seat belts and child restraint systems .....	1-4
Seat belt force limiter system (Only for front seat) .....	1-22
Supplemental restraint system (airbags) .....	1-23
Exhaust gas warning .....	1-31

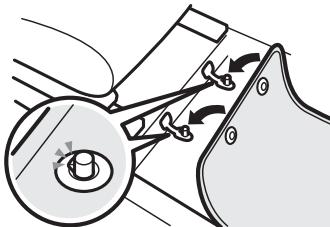


52D078S

## FOR SAFE DRIVING

### Floor mats (if equipped)

#### EXAMPLE



72M10201

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, hook the floor mat grommets to the fasteners and position the floor mat properly in the foot-well.

When you replace the floor mats in your vehicle with a different type such as all-weather floor mats, we highly recommend to use MARUTI 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 place additional floor mats on top of the existing floor mat.
- Never use a floor mat which does not fit the floor as the same may cause hindrance/damage in vehicle and its functioning
- Never use damaged floor mats.

### Front seats

#### Precaution for front passenger seat

For seat with seat belt reminder, refer to the NOTICE in the "Front passenger's seat belt reminder" section.

#### Seat adjustment

#### ⚠️ WARNING

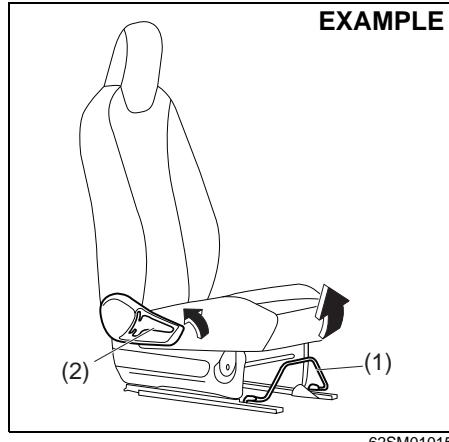
- Never attempt to adjust the driver's seat or seatback while driving. The seat or seatback could move unexpectedly, causing loss of control. Check that the driver's seat and seatback are properly adjusted before you start driving.
- To avoid excessive seat belt slack, which reduces the effectiveness of the seat belts as a safety device, check that the seats are adjusted before the seat belts are fastened.
- 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.
- Do not place any object under the front seat. If an object gets caught under the front seat, the seat shall not be latched properly and may cause injury.

(Continued)

**WARNING**

(Continued)

- 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.
- If you place a cushion, etc. between the seatback and your back, you may not be able to drive the vehicle in a correct posture. Also, the seat belt and the head restraint may not provide the best performance. This may cause severe injury in an accident.

**EXAMPLE**

62SM01015

**Seat position adjustment lever (1)**

Pull the lever up and slide the seat.

**Seatback angle adjustment lever (2)**

Pull the lever up and move the seatback.

After adjustment, move the seat and seatback forward and backward to check that it is securely latched.

**NOTE:**

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

**NOTICE**

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

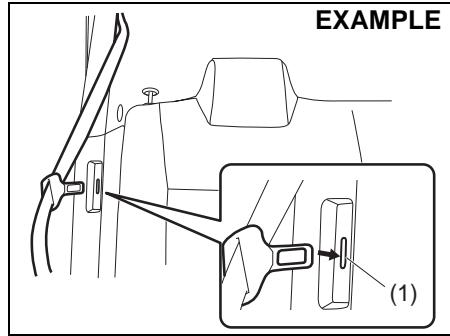
## FOR SAFE DRIVING

### Rear seats

#### Folding rear seats

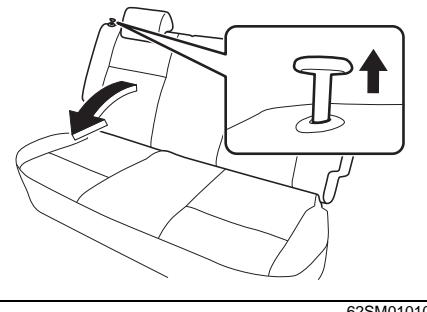
The rear seat(s) of your vehicle can be folded forward to provide additional cargo space.

To fold the rear seat(s) forward:



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

#### EXAMPLE



62SM01010

- 2) Pull the release knob(s) on the top of the seat(s) and fold the seatback forward.

#### NOTICE

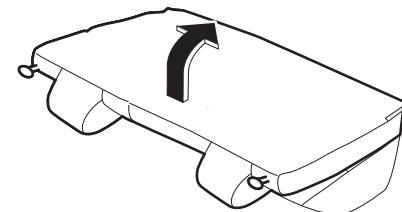
After folding the rear seatback forward, do not allow any foreign material to enter the lock opening. This may cause damage to the inside of the lock and prevent the seatback from being locked securely.

#### WARNING

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

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

#### EXAMPLE



62SM01019

Raise the seatback until it locks into place.

After returning the seat, move the seatback forward and backward to check that it is securely latched.

#### NOTICE

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

**CAUTION**

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

**NOTICE**

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

**CAUTION**

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

**NOTICE**

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

**Seat belts and child restraint systems****EXAMPLE**

52D078S

**WARNING**

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

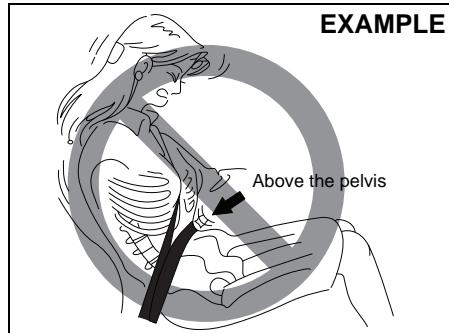
(Continued)

## FOR SAFE DRIVING

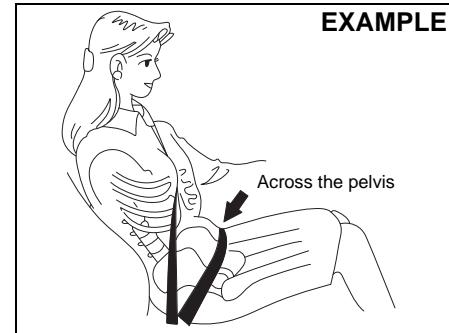
### ⚠ WARNING

(Continued)

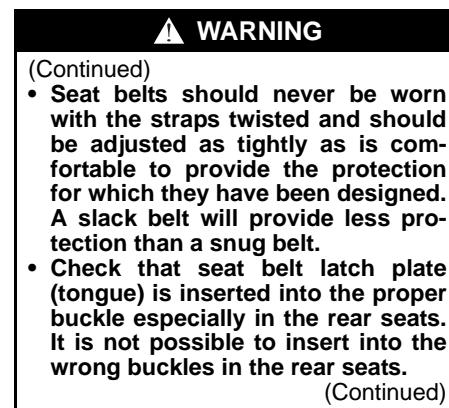
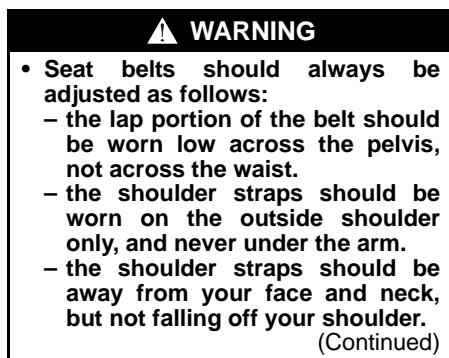
- Do not modify, remove, disassemble seat belts. Doing so may prevent them from functioning properly and cause the risk of severe injury or death in the event of a collision.
- Never allow persons to ride in the cargo area of a vehicle. In the event of an accident, there is a much greater risk of injury for persons who are not riding in a seat with their seat belt securely fastened.
- Ensure that all seat belts are worn correctly. An improperly worn seat belt increases the risk of injury or death if a collision occurs.

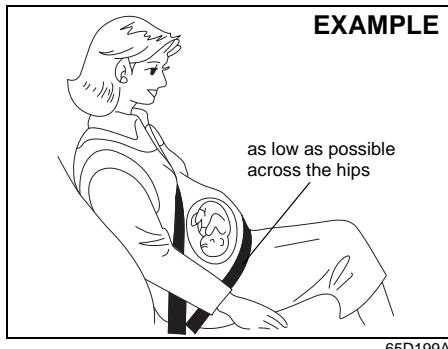


EXAMPLE



EXAMPLE





### ⚠ 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 illustration.
- Do not wear seat belts over hard, fragile, or sharp items such as pens, keys, eyeglasses, etc. in pockets or on clothing. The pressure from seat belt on such items can cause injury in case of an accident.

(Continued)

### ⚠ WARNING

(Continued)

- Never use the same seat belt for 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 the damage to the assembly is not obvious.
- Children aged 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. Check that the system you purchase meets applicable safety standards. Read and follow all the directions provided by the manufacturer.

(Continued)

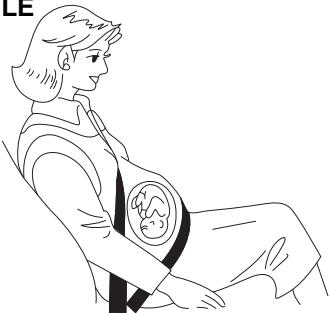
### ⚠ WARNING

(Continued)

- For child, if the seat belt irritates the neck or face, use a child restraint system appropriately for the child. The seat belts of your vehicle are principally designed for persons of adult size.
- 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 and clips 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 while driving, or seat belt effectiveness may be reduced. Seat belts are designed to offer maximum protection when seatbacks are in the upright position.
- Do not hold a child on a passenger's lap. Even if the passenger holds the child tightly, he, she would not be supported enough in the event of an accident and it could result in a serious injury of the child.

## FOR SAFE DRIVING

### EXAMPLE



53TM01008

### EXAMPLE



53TM01002

### Do not Let a Child Play with Seat Belt

### EXAMPLE



53TM01003

### ⚠ WARNING

- Those that are pregnant or sick/disabled must also wear their seat belts. However, in the event of a collision, there is the danger of heavy pressure focused on certain body areas. Consultation with a physician is recommended.
- For those that are pregnant, ensure that the lap portion of the belt is as low as possible across the pelvis, avoiding to touch the abdomen. Make sure that the shoulder strap rests halfway between the shoulder and the base of the neck, crossing the chest and avoiding to touch the abdomen.

### ⚠ WARNING

- The seat belts of this vehicle are designed to be suitable for occupants of adult size. If the shoulder-strap rests on the neck or chin of a child rather than the shoulder, or if the lap portion of the belt does not rest securely on the hipbone, ensure that the child is seated in a child restraint system placed in the rear seat. Failure to properly use a seat belt may result in serious injury to the child.
- Use a child restraint system securely fastened to the rear seat for any child that cannot hold their head upright or sit on their own.

### ⚠ WARNING

If a child play with a seat belt, for example, if the child's body is wrapped by the seat belt, it may cause severe injury such as suffocation. In case of emergency, cut the seat belt with scissors.

## Adjustment before Driving

**EXAMPLE**

80J014

## Correct Use of Seat Belt

**EXAMPLE**

53TM01004

**⚠ WARNING**

- When driving, do not adjust the steering wheel (only adjustable type with certain specifications), the seat, the inside rearview mirror or the outside rearview mirrors. Otherwise, there is the risk of mistaken operation of the steering wheel or reduced awareness of what is in front of you, possibly leading to an accident.
- Do not tilt the seatback further back than necessary. Otherwise, the head restraint and the seat belt cannot function as intended.

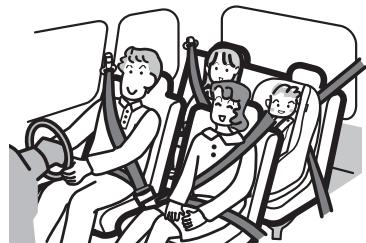
**⚠ WARNING**

Use the seat belt correctly. Otherwise, in a sudden braking or a collision, the body may not be restrained, resulting in severe injury. Observe the following points.

- If the seat belt is twisted or contains excessive slack, there is a danger of heavy pressure focused on certain body areas.
- If the seat belt rests on the abdomen, this area may sustain heavy pressure when you get a strong impact.
- If the seat belt does not rest firmly over the shoulder, you may be thrown forward when you get a strong impact.

## FOR SAFE DRIVING

### EXAMPLE



53TM01004

### WARNING

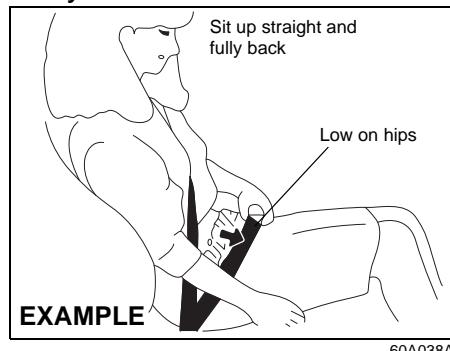
- If you do not fasten your seat belt properly, your body may not be restrained in a sudden braking and a collision. This may cause severe injury. Fasten your seat belt properly before driving.
- If all the passengers do not fasten their seat belts properly, their body may not be restrained in a sudden braking and a collision. This may cause severe injury. Ask all the passengers on the front passenger's seat and the rear seats to fasten their seat belts properly before driving.

### Lap-shoulder belt

#### Emergency locking retractor (ELR) (if equipped)

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

#### Safety reminder



60A038A

#### Non-Emergency locking retractor (Non-ELR) (if equipped)

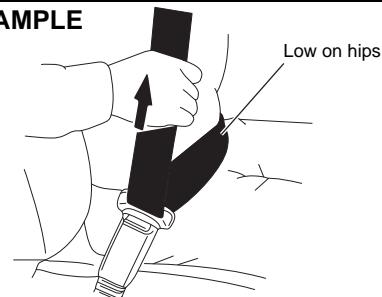
Use the strap adjuster to adjust the length of the seat belt, so that it is secured tightly after wearing. Hold the latch plate and press it straight into buckle until you hear a "click". To reduce the risk of sliding under the belt during a collision, position the belt

across your lap as low on your hips as possible and adjust it to a snug fit.

### NOTICE

In case Non ELR belt, ensure that the belt strap does not get caught between door and seal area while closing the door.

### EXAMPLE

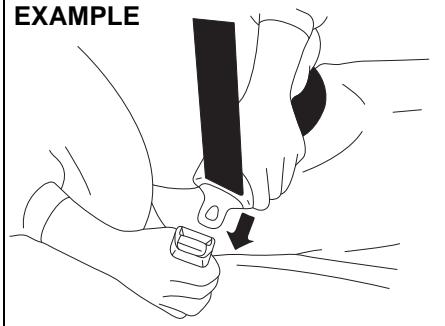


60A040

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 rear center**

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

**EXAMPLE**

60A036

To fasten the seat belt, sit up straight and far back into 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".

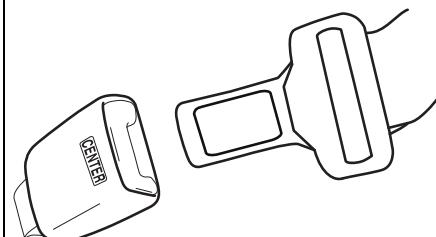
After pressing the latch plate into the buckle, pull the seat belt to make sure it is securely latched.

**NOTE:**

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

**Adjustment of seat belt length**

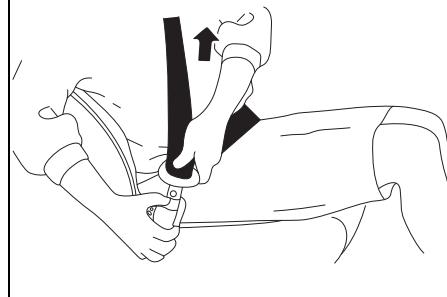
The seat belt does not require length adjustment. The seat belt extends and retracts according to the movement of the body. If the seat belt gets a strong impact, the belt locks its tension automatically, in order to secure the body.

**EXAMPLE**

62SM01017

**NOTE:**

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

**EXAMPLE**

60A039

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

**NOTICE**

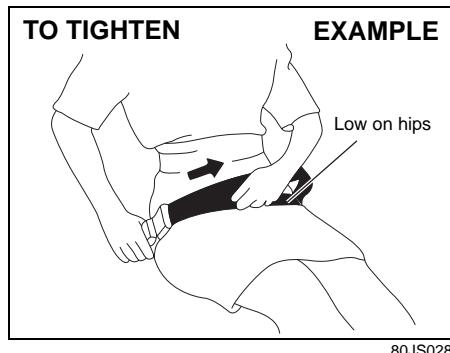
**If the seat belt cannot be pulled from its fully retracted position, firmly pull the belt and release it. Then smoothly pull the belt out of the retractor.**

## FOR SAFE DRIVING

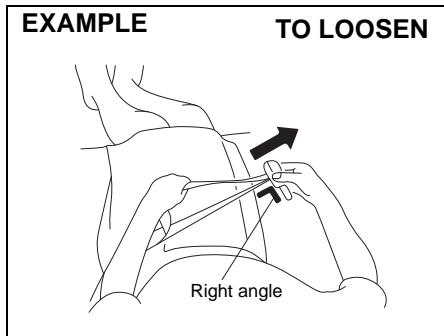
### Lap belt

#### Rear center seat belt

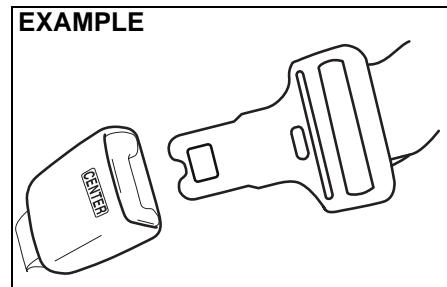
Sit up straight and well back in the seat. To fasten the belt, pull the latch plate attached to the seat belt across your hips and press it straight into the buckle until you hear a "click". After pressing the latch plate into the buckle, pull the seat belt to make sure it is securely latched. To reduce 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. After tightening the belt, pull the belt to make sure that the buckle and latch plate are securely latched.



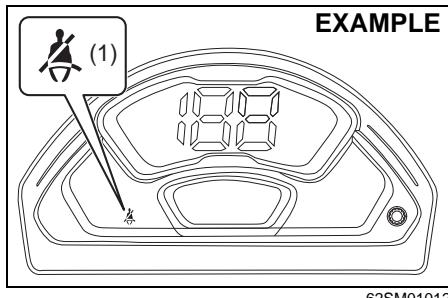
To unfasten the belt, press the release button on the buckle catch.



#### NOTE:

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

## Seat belt reminder



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

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

### ⚠ WARNING

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

### NOTE:

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

### Driver's or front passenger's seat belt reminder

If the driver's or front passenger's seat belt remains unbuckled when the ignition switch is turned "ON", the reminder works as follows:

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

If the driver or front passenger 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).

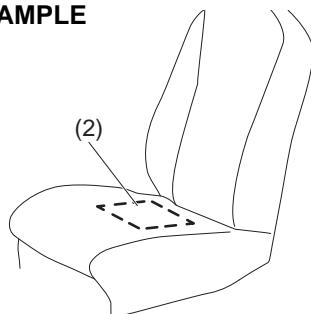
The reminder will be automatically canceled when the driver's or front passenger's seat belt is buckled or the ignition switch is turned off.

## FOR SAFE DRIVING

### Front passenger's seat belt reminder activation

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

#### EXAMPLE



69RH203

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

The seat belt reminder sensor (2) detects whether a person is sitting on 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 a seat cover is installed, consult with a Maruti Suzuki authorised workshop.
- 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)

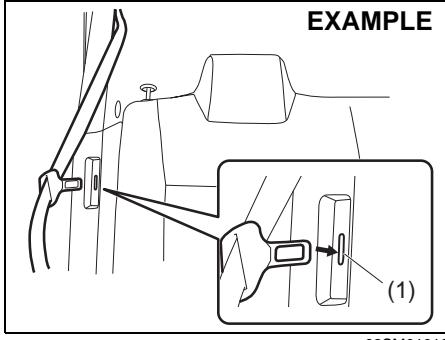
**NOTICE**

(Continued)

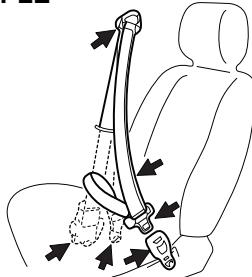
- When sitting on the front passenger's seat, it is very important that the passenger sits upright, leaning against the seat backrest and centered on the seat cushion in order for the seatbelt reminder system to function effectively. An occupant sitting improperly (slouches, turns sideways, sits forward 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 slit****EXAMPLE**

62SM01016

**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.

**NOTICE**

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

## FOR SAFE DRIVING

### ⚠ WARNING

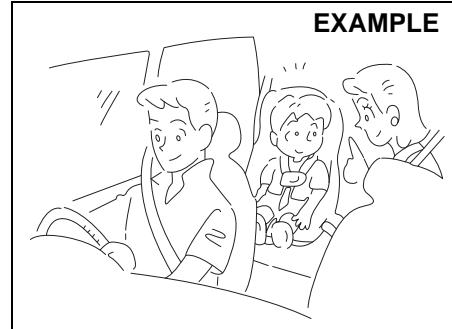
- Inspect all seat belt assemblies after any collision. Any seat belt assembly which was in use during a collision (other than a very minor one) should be replaced, even if damage to the assembly is not obvious. Any seat belt assembly which was not in use during a collision must be replaced if the airbags and the seat belt pretensioners (if equipped) 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.
- If frays, scratches, cuts are found on the seat belt, replace it with a new one.
- If the buckle does not work properly, ask Maruti Suzuki authorised workshop for inspection.
- If strong force was applied to the seat belt in a collision, the seat belt function may be damaged, even though its appearance is normal. Replace the seat belt with a new one.

### ⚠ WARNING

- As the seat belt may not provide the best performance and it may result in severe injury in case of emergency, observe the following points.
  - When foreign material enters into the buckle or you spill a drink, the seat belt may not work properly. In this case, ask Maruti Suzuki authorised workshop for inspection.
  - As the seat belt may be damaged, be careful not to get the seat belt caught in the door. Before closing the door, check that the seat belt is retracted without any slack.
  - Do not modify or remove the seat belt.

## Child restraint systems

### EXAMPLE

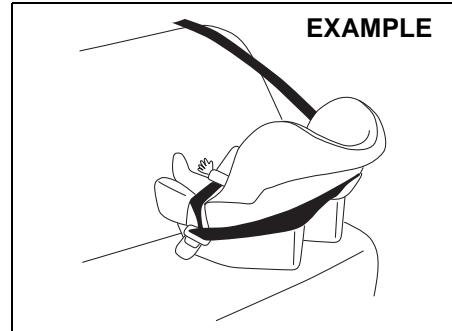


60G332

Following types of child restraint systems are generally available:

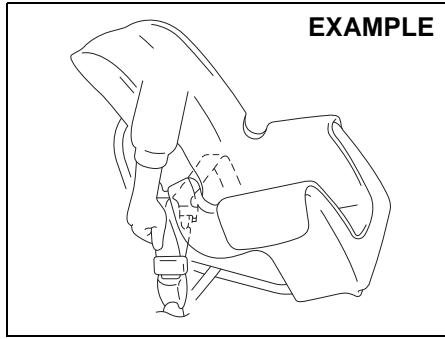
Infant restraint – rear seat only

### EXAMPLE



80JC007

### Child restraint



80JC016

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 (lap belts or the lap portion of lap-shoulder belts) or by special rigid lower anchor bars built into the seat.

**NOTE:**

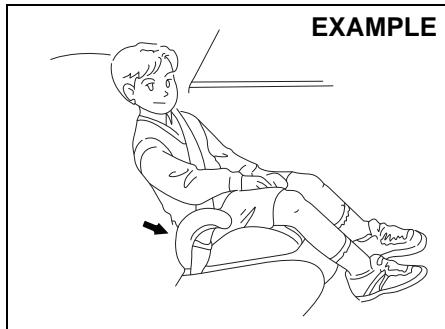
*Observe any statutory regulation about child restraints.*

**EXAMPLE**



61M0241

### Booster seat



80JC008

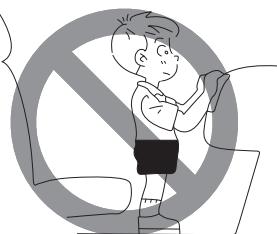
**NOTE:**

*Maruti Suzuki recommends use of Maruti Suzuki Genuine accessory child seat.*

### ⚠ WARNING

- Do not install a child restraint system on the front passenger's seat.
- If you install a child restraint system in the rear seat, slide the front seat far enough forward so that the child's feet do not touch the front seatback. This will help avoid injury to the child in the event of an accident.
- If you use the child restraint system which was severely damaged by an accident, etc., it may not provide the best performance. This may cause severe injury to a child. If the child restraint system was severely damaged by an accident, etc., do not reuse the child restraint system even though its appearance looks normal.

### EXAMPLE



65D608

### EXAMPLE



65D609

### ⚠ 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. Be sure to secure the child in the restraint system according to the manufacturer's instructions.

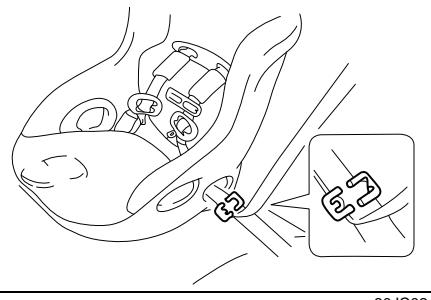
### ⚠ WARNING

- Do not hold a child on a passenger's lap when the vehicle is in motion. Even if the passenger holds the child tightly, he/she would not be supported enough in the event of an accident and it could result in a serious injury of the child.
- The luggage areas do not feature a structure that can accommodate people. Do not allow a child to ride in such areas. Otherwise, there is the danger of accidents due to sudden braking, etc. Do not let a child play in luggage areas even while the vehicle is stopped on the road.

**Installation with lap-shoulder seat belts**

**ELR type belt (if equipped)**

**EXAMPLE**



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.

## FOR SAFE DRIVING

---

### Child restraint system

#### 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 Center	Intermediate Outboard	Intermediate Center
Group 0	Up to 10 kg	X	U	X	N.A	N.A
Group 0+	Up to 13 kg	X	U	X	N.A	N.A
Group I	9 to 18 kg	X	U	X	N.A	N.A
Group II	15 to 25 kg	X	U	X	N.A	N.A
Group III	22 to 36 kg	X	U	X	N.A	N.A

Key of letters to be inserted in the above table:

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

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

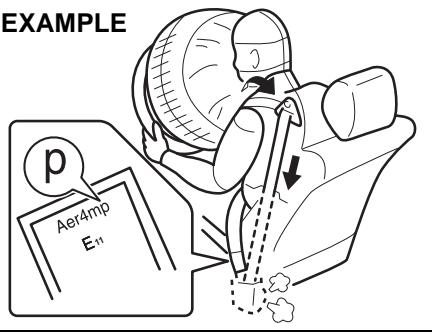
N.A = Seat position not available for children in this mass group.

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

: 'Outboard' indicates window side seat.

## Seat belt pretensioner system (if equipped)

### EXAMPLE



53TM01001

### ⚠ 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.

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, side 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.

## FOR SAFE DRIVING

---

The pretensioner system or the airbag system may not work properly if any of the following conditions occurs.

- If the air bag warning light on the instrument cluster does not come on briefly, when the ignition switch is turned to the "ON" position.
- If the air bag warning light comes on and stays on for more than 10 seconds, when the ignition switch is turned to the "ON" position.
- If the air bag warning light comes on while driving.

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

Service on or around the pretensioner system components or wiring must be performed only by a Maruti Suzuki authorised workshop who is specially trained. Improper service could result in 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 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.

### For Proper Operation of Seat Belt Pretensioner System

Do not modify any parts that can affect the functionality of the seat belt pretensioner system. The seat belt may be retracted unexpectedly, or it may not be properly retracted when necessary.

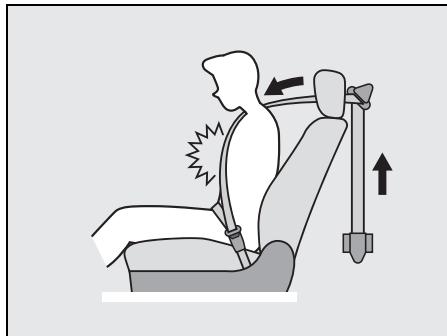
### Disposal and Scrapping

Seat belt pretensioners that have not been activated must be activated according to the predetermined procedure before disposal.

#### WARNING

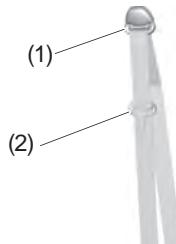
If you do not handle a pretensioner properly for disposal, the pretensioner system may activate unexpectedly, resulting in severe injury. When disposing of a pretensioner or scrapping the vehicle equipped with a pretensioner, consult Maruti Suzuki authorised workshop.

## Seat Belt Force Limiter System (Only for Front Seat)



In the event of a strong impact coming from the front, the seat belt force limiter operates in two stages (driver's seat) and one stage (front passenger's seat) to reduce a force to the shoulder strap, thus lessening the impact being sustained by the front passengers.

### EXAMPLE



53TM01007

### ⚠ WARNING

If the seat belt sustains strong impact, the resin of the shoulder anchor part (1) and the tongue plate part (2) could soften due to heavy friction, thus sticking to the seat belt, making the belt slide less easily. In such a case, the seat belt may not provide the best performance, resulting in severe injury in case of emergency. Have the seat belt replaced by Maruti Suzuki authorised workshop.

## FOR SAFE DRIVING

### Supplemental restraint system (airbags)

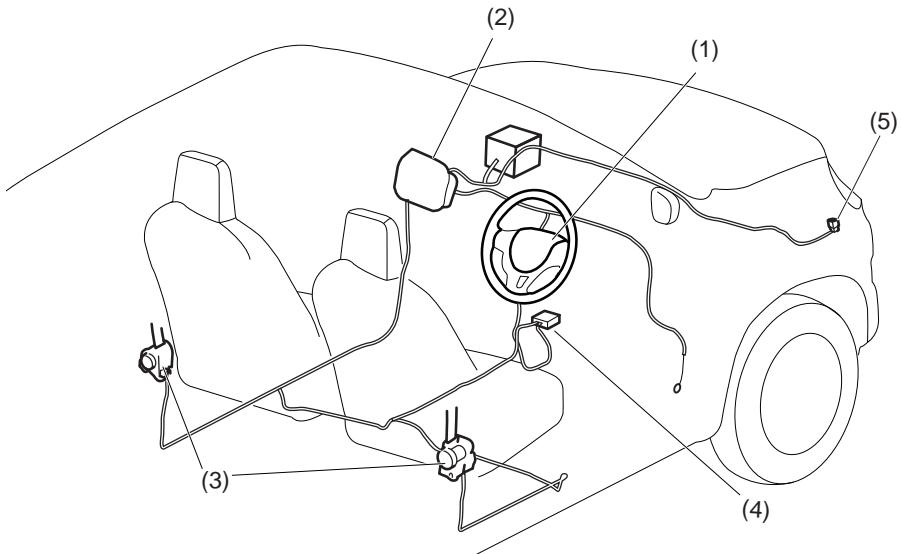
#### ⚠ WARNING

This section describes the protection provided by your MARUTI SUZUKI vehicle's supplemental restraint system (airbags). Read and follow all 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 seating position.

- (1) Driver's front airbag module
- (2) Front passenger's front airbag module
- (3) Front seat belt pretensioners (if equipped)
- (4) Airbag controller
- (5) Forward collision sensor

#### EXAMPLE



53T01002

**⚠ WARNING**

- SRS airbag system is not a substitute for seat belts. SRS airbag system is the supplemental restraint system and will provide the effectiveness by using the seat belts at the same time.  
If you and the passengers do not fasten their seat belts, it may result in severe injury in a sudden braking or a collision.  
Even when you drive the vehicle equipped with SRS airbag system, make sure to fasten seat belt.
- If the seat belts are not fastened properly, airbags may not provide the best performance. This may cause severe injury in a sudden braking and a collision.  
Make sure that the driver and all the passengers fasten the seat belts properly in a correct posture.
- 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.

(Continued)

**⚠ WARNING**

(Continued)

- As the airbag may not provide the best performance and it may result in severe injury in case of emergency, observe the following points.
  - Do not modify the suspension. If the vehicle height or the stiffness of the suspension were to change, airbag malfunction may result.
  - When installing a grille guard, etc., on the front of the vehicle, consult a Maruti Suzuki authorized workshop. If you modify the front part of the vehicle, the airbag system may not work properly.
  - When installing radio equipment, etc., consult a Maruti Suzuki authorized workshop. Radio waves, etc., from a radio may adversely affect the computer module used in the airbag system.
  - If the airbag-related parts are replaced or repaired, which has an impact on the airbag functions, the airbag may activate unnecessarily or may not activate when necessary.  
The following situations may give a negative impact to the airbag system.

(Continued)

**⚠ WARNING**

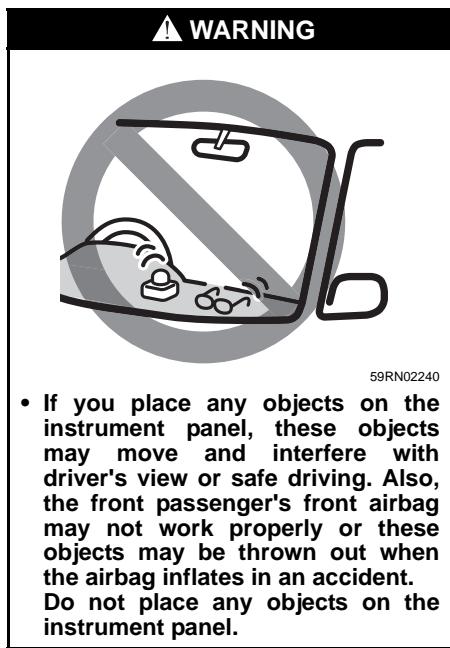
(Continued)

In these cases, consult a Maruti Suzuki authorized workshop.

- Removing the steering wheel, repairing the areas around the steering wheel, etc.
- Center console repair, repairs around the instrument cluster, repairs under the front seat, and repairs of electrical wiring
- Installation of audio equipment, etc.
- Sheet metal painting and repairs around the dashboard
- Replacement of the front seat and repairs around the seat
- Repairs around the front pillar, the back pillar or the roof side
- Repairs around the center pillar

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.

## FOR SAFE DRIVING



### AIRBAG warning light



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

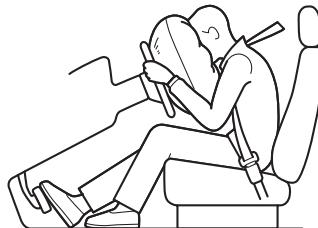
### Airbag symbol meaning



You may find this label on the sun visor.

### Description of warning label

Symbol	Symbol meaning
	Do not install a rear-facing child restraint system to the front passenger's seat equipped with an airbag.
	If the front passenger's seat airbag were to be deployed, a major impact could be applied to a rear-facing child restraint system and the child.
	For more details, read this owner's manual.

**Front airbags****EXAMPLE**

63J113

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

Front airbags are not designed to inflate in rear impacts, side impacts, rollovers or minor frontal collisions, since they would offer no protection in those types of accidents. 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**

62SM01013

**Front passenger's front airbag****EXAMPLE**

53T01003

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

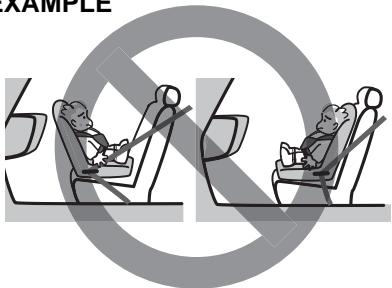
The words "SRS AIRBAG" are molded into the airbag covers to identify the location of the airbags.

**WARNING**

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

## FOR SAFE DRIVING

### EXAMPLE



61M0241

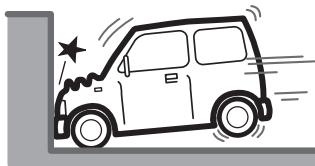
### ⚠ WARNING

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

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

### Conditions of front airbags deployment (inflation)

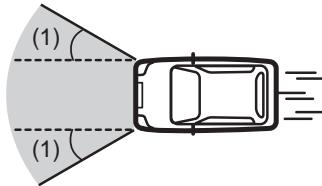
### EXAMPLE



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 when front airbags may inflate

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

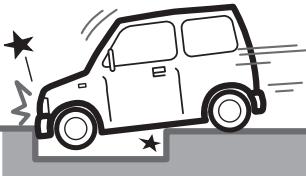
### EXAMPLE



80J099

- Hitting a curb or medial strip

### EXAMPLE



80J100E

- Falling into a deep hole or ditch

**EXAMPLE**

80J101

- Landing hard or falling

**Front airbags may not inflate**

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

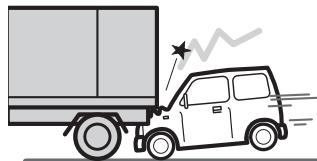
Also, front airbags may not inflate in many cases when the collision angle is greater than about 30 degrees at left and right angles from the front of your vehicle.

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

**EXAMPLE**

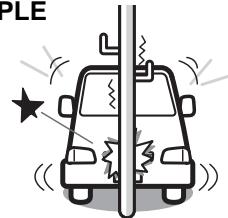
80J102

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

**EXAMPLE**

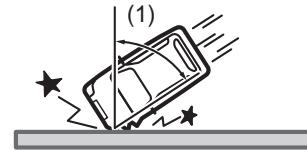
80J103

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

**EXAMPLE**

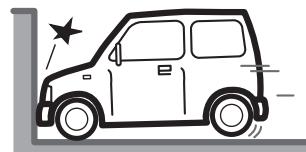
80J104

- 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

**EXAMPLE**

80J106

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

## FOR SAFE DRIVING

### 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.

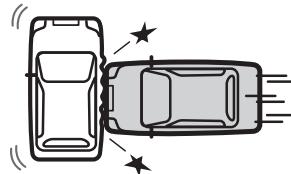
#### EXAMPLE



80J120

- Impact from the rear

#### EXAMPLE



80J119

- Impact from the side

### EXAMPLE



80J110

- Vehicle rollover

### Door Lock canceller system (if equipped)

If SRS airbag system is activated all doors are unlocked automatically.

#### NOTE:

*In case door lock wiring and/or motor are damaged, doors may not unlock automatically.*

### 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. Front occupants should not lean on or sleep against the door. Refer to "Seat adjustment" section and "Seat belts and child restraint systems" section in this section for details on proper seat and seat belt adjustments.

#### EXAMPLE



62SM01018

#### ! 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 airbag component areas. It can cause the airbags to malfunction.**

Even though your vehicle is moderately damaged by a collision, it may not be severe enough to trigger front 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 that it works properly.

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

#### Servicing the airbag system

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

If your vehicle ever gets in deep water and the driver's floor is submerged, the airbag controller could be damaged. If this happens, ask a Maruti Suzuki authorised workshop to check the airbag system 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. Remind anyone who services your MARUTI SUZUKI vehicle that it has airbags.

## FOR SAFE DRIVING

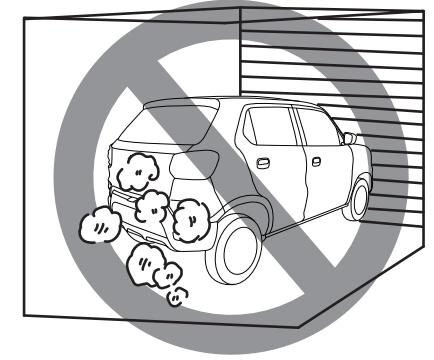
Service on or around airbag components or wiring must be performed only by a Maruti Suzuki authorised workshop. Improper service could result in unintended airbag deployment or could render the airbag inoperative. Either of these two conditions may result in severe injury.

To prevent damage or unintended inflation of the airbag system, check that the 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 or wires. The wires are wrapped with yellow tape or yellow tubing, and the couplers are yellow for easy identification.

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

### Exhaust gas warning

#### EXAMPLE



62SM01001

#### ! 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, take the following precautions to help prevent carbon monoxide from entering your vehicle.

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

(Continued)

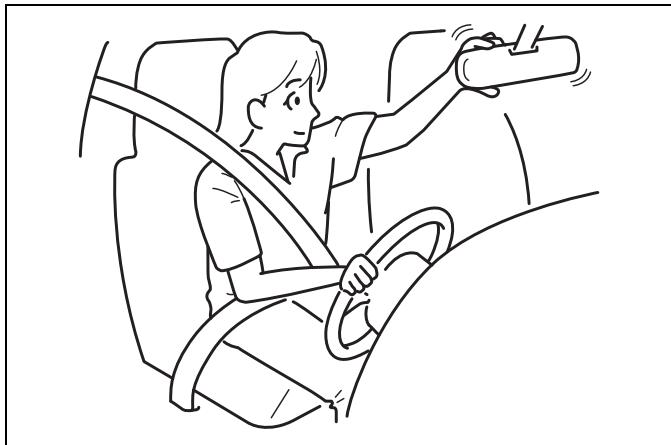
**⚠ WARNING**

(Continued)

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



## BEFORE DRIVING



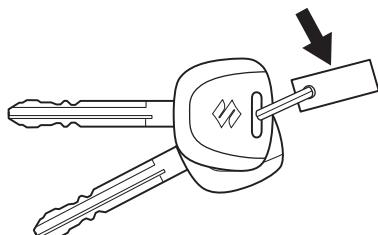
60G404

Keys .....	2-1
Door locks .....	2-2
Keyless entry system transmitter (if equipped) .....	2-5
Theft deterrent light (if equipped) .....	2-7
Windows .....	2-7
Mirrors .....	2-8
Instrument cluster .....	2-9
Speedometer .....	2-10
Fuel gauge .....	2-10
Brightness control .....	2-11
Information display .....	2-12
Warning and indicator lights .....	2-18
Lighting control lever .....	2-24
Headlight leveling knob .....	2-25
Turn signal control lever .....	2-26
Hazard warning switch .....	2-27
Windshield wiper and washer lever .....	2-27
Horn .....	2-29
Vehicle loading .....	2-29
Trailer towing .....	2-30

## BEFORE DRIVING

### Keys

#### EXAMPLE



54G489

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

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

KEY NUMBER:

### Immobilizer system

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

The engine can be started only with your vehicle's original immobilizer ignition key, which has an electronic identification code programmed into it. The key communicates the identification code to the vehicle when the ignition switch is turned to "ON" position. If you need to make spare keys, 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.



65D239

If the immobilizer system 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, ask a Maruti Suzuki authorised workshop as soon as possible to deactivate the lost one, and to make a new key.
- If you own other vehicles with immobilizer keys, keep those keys away from the ignition switch when using your MARUTI SUZUKI vehicle. Otherwise, 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, it may not start the engine.
- This immobilizer system is maintenance-free.

### NOTICE

The immobilizer key is sensitive electronic instrument. To avoid damaging it:

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

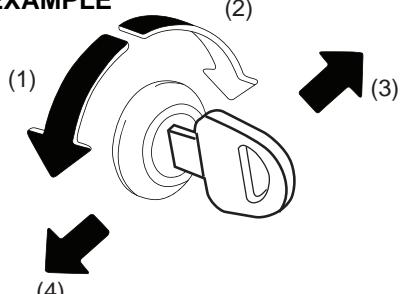
### Ignition key reminder (if equipped)

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

## Door locks

### Side door locks (Type A - with center locking)

#### EXAMPLE



62SM02022

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

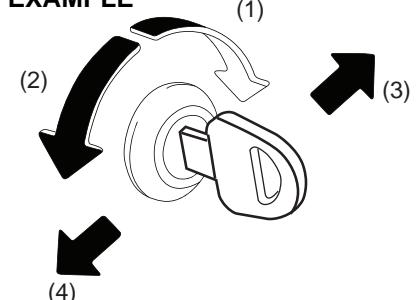
To lock front doors from the outside of the vehicle:

- Insert the key and turn the top of the key towards 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 front doors from outside the vehicle, insert the key and turn the top of the key towards the rear of the vehicle.

### Side door locks (Type B - without center locking)

#### EXAMPLE



53TM02011

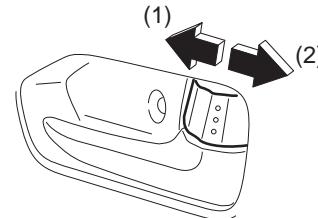
- (1) UNLOCK
- (2) LOCK
- (3) Front
- (4) Rear

To lock front doors from the outside of the vehicle:

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

To unlock front doors from outside the vehicle, insert the key and turn the top of the key towards the front of the vehicle.

#### EXAMPLE



69RH002

- (1) LOCK
- (2) UNLOCK

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

To lock a rear door from the outside of 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.

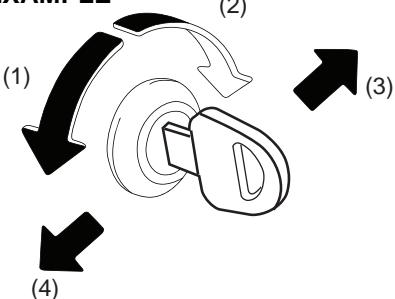
#### NOTE:

*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 (if equipped)

#### EXAMPLE



62SM02022

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

You can lock and unlock all doors (except 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 towards 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 once.

#### NOTE:

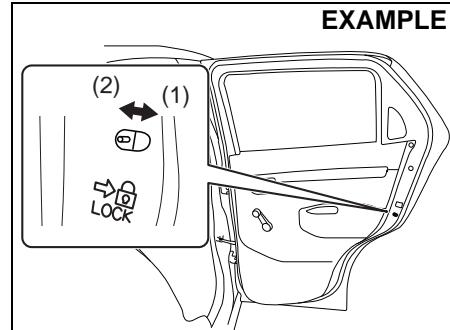
If your vehicle is equipped with the keyless entry system, you can also lock or unlock all doors by operating the transmitter. Refer to "Keyless entry system transmitter" in this section.

#### NOTE:

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

### Child-proof locks (rear door)

#### EXAMPLE



62SM02029

- (1) LOCK
- (2) UNLOCK

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

#### ⚠ WARNING

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

## Tailgate

### ⚠ WARNING

Always check 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.



**EXAMPLE**

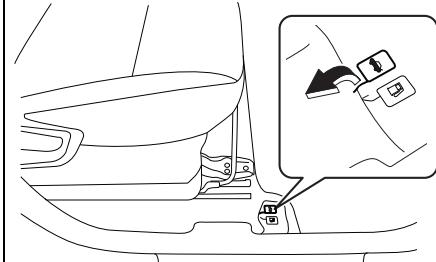
53TM02008

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

### NOTICE

Do not use the key to lift up the tailgate, or the key may break off in the lock.

### EXAMPLE



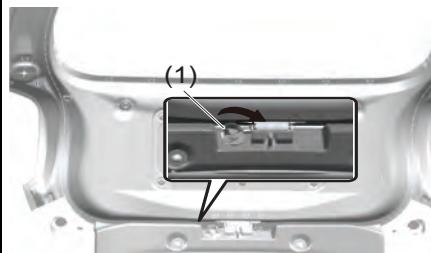
62SM02024

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

### ⚠ CAUTION

**Do not step over the release lever to avoid any damage.**

### EXAMPLE



53TM02009

- 2) To unlock the tailgate lock, push the lever (1) to the direction of the arrow with flat blade screw driver as shown in the illustration.
- 3) Push open the tailgate from inside. The tailgate will be latched again by simply closing the tailgate.

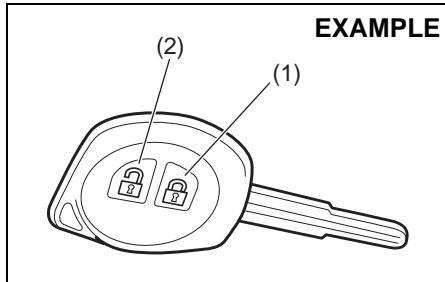
If the tailgate cannot be unlocked, have the vehicle inspected by a Maruti Suzuki authorised workshop.

### ⚠ CAUTION

**Make sure there is no one near the tailgate when pushing open the tailgate from inside the vehicle.**

## BEFORE DRIVING

### Keyless entry system transmitter (if equipped)



76MS011

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

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

- To lock all doors, push LOCK button (1) once.
- To unlock all door, push UNLOCK button (2) once.

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

When the doors are unlocked:

- The turn signal lights will flash twice.
- If the interior light switch is in DOOR position, the interior light will turn on for about 15 seconds and then fade out. If

you close the driver door and insert the key into the ignition switch during this time, the light will start to fade out immediately.

Check that the doors are locked after you operate LOCK button (1).

#### NOTE:

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

#### 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 only be unlocked with the transmitter, and the turn signal light will flash.
- The remote key may not work if other vehicles or objects or transmitting devices are blocking the signal.
- If you lose one of the transmitters, ask a Maruti Suzuki authorised workshop as soon as possible for a replacement. 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.
- Keep the transmitter away from electromagnetic materials that blocks electromagnetic waves to the key surface.

### Car locator function

This function helps in locating the vehicle. Push both of the LOCK button (1) and UNLOCK button (2) for more than 3 seconds.

The turn signal lights will blink for about 27.5 seconds.

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

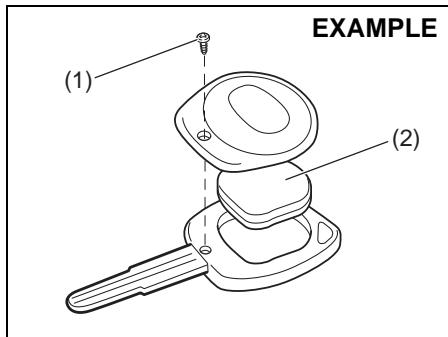
#### NOTE:

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

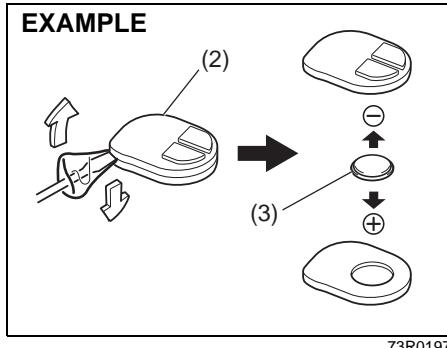
**Battery replacement**

If the transmitter becomes unreliable, replace the battery.

To replace the battery of the transmitter:



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



(3) Lithium disc type battery:  
CR1616

- 3) Put the edge of a flat-bladed 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 "+" 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) Check that 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 with ordinary household trash.

**! WARNING**

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

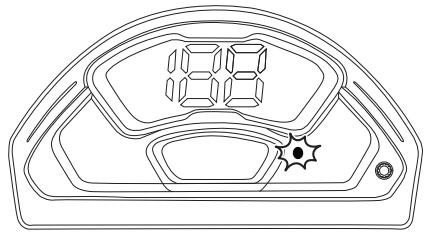
**NOTICE**

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

## BEFORE DRIVING

### Theft deterrent light (if equipped)

#### EXAMPLE



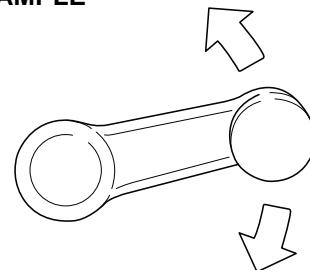
62SM02012

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.

### Windows

#### Manual window control (if equipped)

#### EXAMPLE



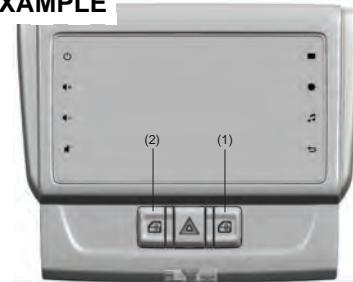
60G010A

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

### Power window controls (if equipped)

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

#### EXAMPLE



53TM02006

The center console has a switch (1) to operate the driver's window and a switch (2) to operate the front passenger's window.

#### EXAMPLE



62SM02017

To open a window, push the bottom part (b) of the switch. To close the window, push the top part (a) of the switch.

### ⚠ WARNING

- 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 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

### ⚠ WARNING

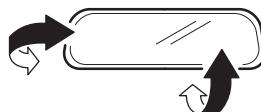
Failure to observe following point may result in loss of vehicle control and cause an accident, leading to death or serious injury. Always follow below points while driving.

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

### Inside rearview mirror

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

### EXAMPLE



74LHT0235

### ⚠ CAUTION

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

### Outside rearview mirrors

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

### ⚠ WARNING

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

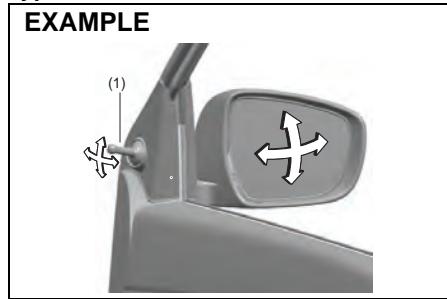
## BEFORE DRIVING

### Type A



53TM02012

### Type B



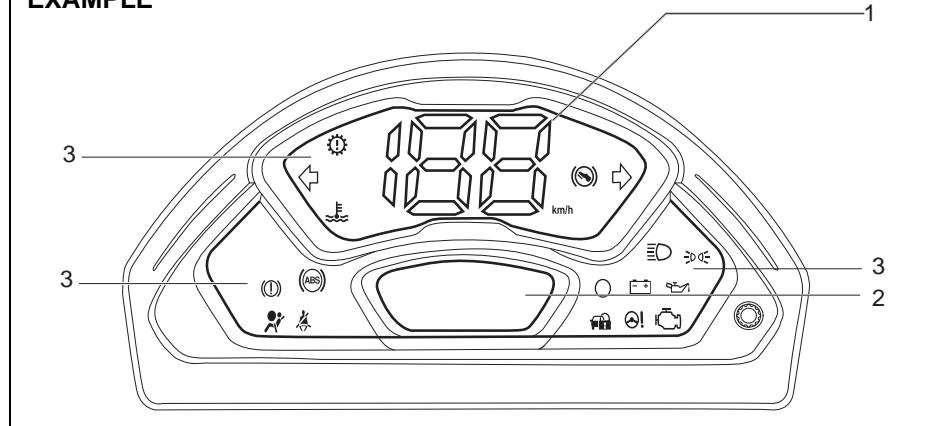
53TM02013

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

### Instrument cluster

1. Speedometer
2. Information display
3. Warning and indicator lights

**EXAMPLE**



53TM02015

## Speedometer

The speedometer indicates vehicle speed.

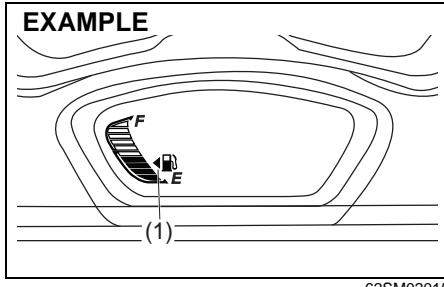
### Speed alert system

The speed alert system gives audible warning for alert of over-speed to driver. When vehicle speed exceeds about 80 km/h, primary level warning with two beeps will sound every minute. When the vehicle speed exceeds about 120 km/h, secondary level warning with continuous beeps will sound.

If the vehicle speed is slowed down to about 118 km/h, primary warning will resume. If the vehicle is slowed down to about 78 km/h, speed alert warning will stop. This buzzer does not indicate any malfunction in vehicle.

## Fuel gauge

### EXAMPLE



62SM02015

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

- If the indicator shows only one segment to "E", refill the tank as soon as possible. If the last segment blinks, it means that the fuel is almost empty.

### 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.*

The mark (1) indicates that the fuel filler door is located on the left side of the vehicle.

### NOTICE

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

## BEFORE DRIVING

### Brightness control

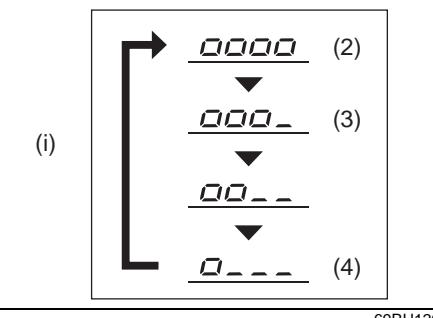
Your vehicle has a system to automatically dim the brightness of the instrument cluster lights when the position lights or headlights are on.

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



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

#### EXAMPLE



69RH126

- (2) Brightest  
(3) Initial setting  
(4) Dimmest

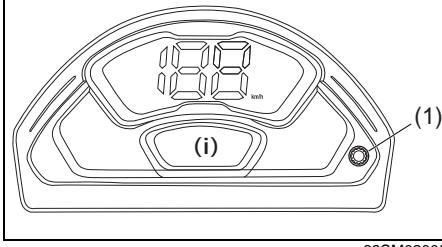
To switch the display indication to the brightness control (i), select the indication as shown in the illustration by pushing the indicator selector knob (1) when the position lights and/or headlights are on.

To change the brightness of the instrument cluster lights, continue to hold in the indicator selector knob (1). The indication will change as shown in the illustration. The illumination gets dimmer then returns to the brightest condition after it reaches the dimmest.

#### NOTE:

- If you do not push the indicator selector knob (1) within several seconds of activating the brightness control, the brightness control display will be canceled automatically.

#### EXAMPLE

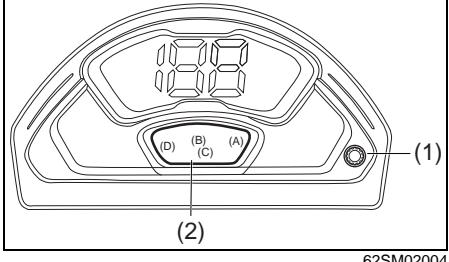


62SM02005

(1) Indicator selector knob

## Information display

### EXAMPLE



62SM02004

- (1) Indicator selector knob
- (2) Information display

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

### Display (A)

Gearshift indicator (if equipped)/  
Gear position indicator (for Auto Gear Shift models)

### Display (B)

Odometer / Trip meter / Fuel consumption  
(if equipped) / Driving range (if equipped)

### Display (C)

Clock (if equipped)

### Display (D)

Fuel gauge

## Gearshift indicator (if equipped)

The display (A) shows the gearshift indicator.

### EXAMPLE



62SM02006

Refer to "Gearshift indicator" in the "OPERATING YOUR VEHICLE" section.

## Gear position indicator (for Auto Gear Shift models)

The display (A) shows some of the following indications.

### EXAMPLE



62SM02007

- (3) Gear position
- (4) Manual mode indicator
- (5) Drive mode indicator

### NOTE:

*For Auto Gear Shift models, when the gearshift lever position and the gear position indication in the information display are unmatched, the indication will blink and the interior buzzer will sound. Refer to "Auto Gear Shift" in the "OPERATING YOUR VEHICLE" section for details.*

## BEFORE DRIVING

### Manual mode indicator

When you are using the manual mode, the display shows the manual mode indicator (4).

**NOTE:**

The manual mode indicator will only appear when the gearshift lever is in "M" position.

### Drive mode indicator

When the gearshift lever is in "D" position, the display shows the drive mode indicator (5).

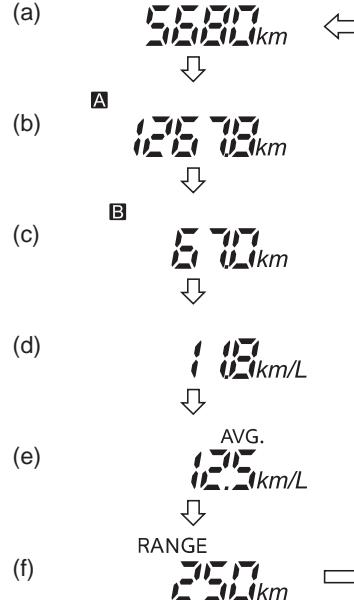
For details on how to use the transmission, refer to "Using transmission" in the "OPERATING YOUR VEHICLE" section.

### Odometer / Trip meter / Fuel consumption (if equipped) / Driving range (if equipped)

The display (B) shows one of the following indications: odometer, trip meter A, trip meter B, instantaneous fuel consumption (if equipped), average fuel consumption (if equipped) or driving range (if equipped).

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

#### EXAMPLE



62SM02016

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

#### WARNING

If you attempt to adjust the display while driving, you could lose control of the vehicle.

Do not attempt to adjust the display while driving.

**NOTE:**

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

### Odometer

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



Push the indicator selector  
knob (1).

### 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.**

### Trip meter

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

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

To reset the trip meter to zero, push and hold the indicator selector knob (1) for a while when the display shows the trip meter.

#### NOTE:

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

### Instantaneous fuel consumption (if equipped)

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

#### NOTE:

- *The display does not show the value unless the vehicle is moving.*
- *The indicated maximum value of instantaneous fuel consumption is 50 km/l. No more than the maximum value will be indicated on the display even if the actual instantaneous fuel consumption is higher.*
- *The indication on the display may be delayed if fuel consumption is greatly affected by driving conditions.*
- *The display shows estimated values. Indications may not be the same as actual values.*

### Average fuel consumption (if equipped)

If you previously selected average fuel consumption setting, the display shows average fuel consumption from the last reset to the present when the ignition switch is turned to "ON" position.

To reset the average fuel consumption to zero, push and hold the indicator selector knob (1) for a while when the display shows the average fuel consumption.

#### NOTE:

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

### Driving range (if equipped)

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

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

When the last segment of the fuel gauge indicator is ON, the display "—" will appear.

When the fuel indicator shows only one segment, fill the fuel tank immediately regardless of the value of driving range shown in the display.

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

#### NOTE:

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

## **BEFORE DRIVING**

---

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

### **Clock (if equipped)**

The display (C) 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.**

#### **NOTE:**

*When you disconnect either of the terminals to the battery and keep it for a minute, the clock indication will be initialized.*

*Change the indication again to your preference after the reconnection.*

### **Fuel gauge**

The display (D) shows the fuel gauge.

Refer to “Fuel gauge” in this section.

**Setting mode**

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

Indication	Functions	
 <i>door</i> 	 <i>d2</i> 	Automatic door locking function “ <i>d2</i> ”
	 <i>d3</i> 	Automatic door unlocking function “ <i>d3</i> ”
	 <i>L2</i>	Additional flashes of the turn signal “ <i>L2</i> ”
	 <i>CL - AdU</i>	Clock setting “ <i>CL - AdU</i> ”
	 <i>dE - on</i>	Initialization setting “ <i>dE - on</i> ”
	 <i>End</i>	Exit the setting mode “ <i>End</i> ”

	Push the indicator selector knob (1).
	Push and hold the indicator selector knob (1).

**NOTE:**

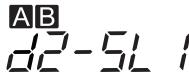
Depending on vehicle's specifications, some items may not be displayed.

## BEFORE DRIVING

### How to operate the setting mode:

- 1) When the ignition switch is in "ON" position and the vehicle is stationary, push the indicator selector knob (1) to switch the information display indication (B) to the odometer.
- 2) Push and hold the indicator selector knob (1) until the setting mode appears on the information display.
- 3) Push and/or hold the indicator selector knob (1) to select a function that you want to set up according to the above chart.
- 4) Push and/or hold the indicator selector knob (1) to register settings of the following functions.

### EXAMPLE



AB  
d2-SL 1

62SM02020

#### NOTE:

- As shown in the above illustration, "AB" is indicated on the display of currently selected item.
- To go back to the higher level display during operation, push the indicator selector knob (1) to display "BRLH" or "-BRE" and then push and hold the indicator selector knob (1).

### Automatic door locking function "d2" (if equipped)

- d2-SL 1: Disable the automatic door locking function
- d2-SL 2: Lock all doors when the vehicle speed reaches 15 km/h (default setting)

### Automatic door unlocking function "d3" (if equipped)

- d3-SL 1: Disable the automatic door unlocking function
- d3-SL 2: Unlock all doors when the key is pulled out from the ignition switch (default setting)

### Additional flashes of the turn signal "L2"

- L2-SL 1: Turn signal flashes three times after the turn signal lever is returned (default setting)
- L2-SL 2: Disable the additional flashes of turn signal

### Clock setting "CL-Adj" (if equipped)

- To change the hour indication, push the indicator selector knob (1) repeatedly when the hour indication blinks.  
To change the hour indication quickly, push and hold the indicator selector knob (1).  
To set the hour indication, wait for a while without pushing the indicator selector knob (1) and the minute indication will blink.
- To change the minute indication, push the indicator selector knob (1) repeatedly when the minute indication blinks.  
To change the minute indication quickly, push and hold the indicator selector knob (1).  
To set the minute indication, wait for a while without pushing the indicator selector knob (1).

### Initialization setting "dE-on"

- dE-on: Initialize all settings
- 5) To exit the setting mode, switch the display to show "End" and then push and hold the indicator selector knob (1).

## 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 to "ON" position.
- 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 to "ON" position.
- If the brake system warning light comes on at any time during vehicle operation.

#### NOTE:

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

#### NOTE:

*Parking brake reminder buzzer  
A buzzer sounds intermittently to remind you to release the parking brake if you start the vehicle without releasing the parking brake. Check 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 to "ON" position, 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 the 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 the "OPERATING YOUR VEHICLE" section.

### Oil pressure warning light



50G051

When the ignition switch is turned to "ON" position, 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 engine 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 warning light



50G052

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

### Driver's seat belt 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" section.

### AIRBAG warning light



63J030

When the ignition switch is turned to "ON" position, 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 (if equipped).

#### ⚠ WARNING

If AIRBAG warning light does not blink or come on briefly when the ignition switch is turned to "ON" position, stays on for more than 10 seconds, or comes on while driving, the airbag system or the seat belt pretensioner system (if equipped) 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



65D530

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 to "ON" position, 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.

Also, if this light comes on when the engine is running, there is a problem with the Auto Gear Shift system (if equipped). Ask a Maruti Suzuki authorised workshop to have the system inspected.

## BEFORE DRIVING

### 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.

### Transmission warning light (for Auto Gear Shift)



### Immobilizer system warning light



65D239

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

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

### NOTE:

*If the Auto Gear Shift clutch temperature becomes too high, this light will blink. Stop the vehicle in a safe place and let the system cool down.*

### Electric power steering warning light (if equipped)



79J039

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

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

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

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

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

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

**NOTE:**

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

**NOTE:**

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

### High engine coolant temperature warning light



69RH179

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

### NOTICE

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

### Turn signal indicators light



50G055

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

**NOTE:**

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

## BEFORE DRIVING

### Main beam (high beam) indicator light



50G056

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

### Theft deterrent light (if equipped)



82K269

For details, refer to "Theft deterrent light" in this section.

### Illumination indicator light



64J045

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

### Depress brake pedal indicator (for Auto Gear Shift)



76MH0A047

Refer to "Auto Gear Shift" in the "OPERATING YOUR VEHICLE" section for details.

### ESP® Warning Light (if equipped)



56RM02033

ESP® is a registered trademark of Daimler AG.

This light blinks 5 times per second when one of the following systems is activated.

- Stability control system
- Traction control system

If this light blinks, drive carefully.

When the ignition is pushed to "ON" mode, the light comes on briefly so you can check that the light is working. If the light stays on or comes on when driving, there may be something wrong with the ESP® systems (other than ABS). You should have the system inspected by a Maruti Suzuki authorised workshop.

For details of the ESP® systems, refer to "Electronic Stability Program (ESP®) (if equipped)" in "OPERATING YOUR VEHICLE" section.

#### ⚠ WARNING

The ESP® systems cannot prevent accidents. Always drive carefully.

## ESP® OFF Indicator Light (if equipped)



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

When the ESP® OFF switch is pushed to turn off the ESP® systems (other than ABS), the ESP® OFF indicator light comes on and stays on.

For details of the ESP® systems, refer to "Electronic Stability Program (ESP®) (if equipped)" in "OPERATING YOUR VEHICLE" section.

## Lighting control lever

### EXAMPLE

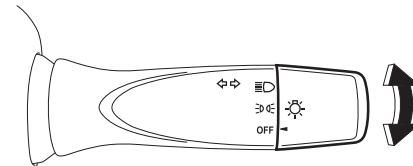


### WARNING

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

## Lighting operation

### EXAMPLE



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

**OFF**

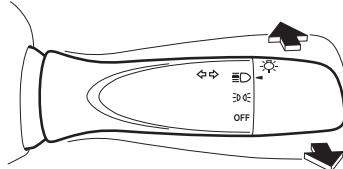
All lights are off.

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

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

## BEFORE DRIVING

### EXAMPLE



66RH033

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.

### Light reminder buzzer (if equipped)

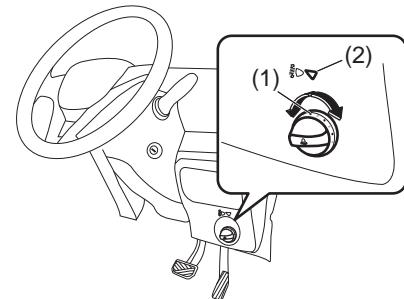
The interior buzzer continuously beeps if you open the driver's door without turning off the headlights and position lights. This function is triggered under the following condition:

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 knob

### EXAMPLE



53TM02004

Level the headlight beam according to the load condition of your vehicle by turning this knob. Turn the knob anticlockwise to lower the beam and clockwise to raise the beam.

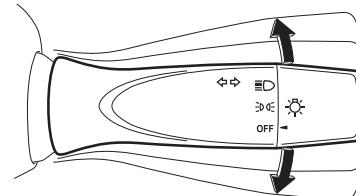
Align the marking (1) on the knob with the marking (2) provided on the dashboard for setting the required knob position. The chart below shows the appropriate knob position for different vehicle load conditions.

**For Petrol Model**

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

**Turn signal control lever****EXAMPLE**

65D611

**Normal turn signal****EXAMPLE**

66RH035

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.

**For CNG Model**

Vehicle Load Condition	Knob Position
Driver only	0
Driver + 1 passenger (in front seat)	0
Driver + 1 passengers (in front seat) + 2 passengers (in rear seat)	1

**WARNING**

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

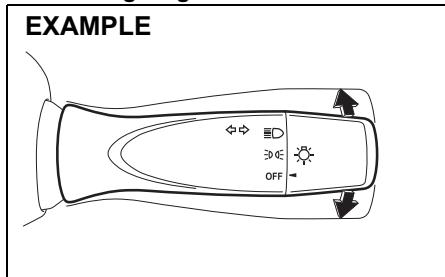
**Turn signal operation**

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

## BEFORE DRIVING

### Lane change signal

#### EXAMPLE



66RH036

Move the lever partway 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.

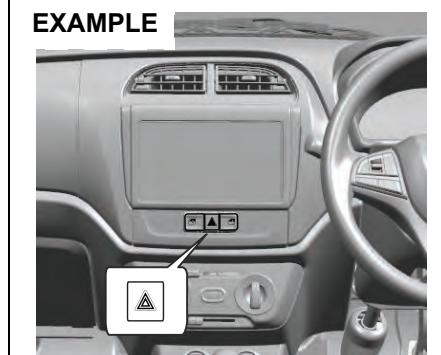
The turn signal and its indicator flash 3 times even if you return the lever immediately after moving it.

#### 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.*

### Hazard warning switch

#### Type A



53TM02005

#### Type B



53TM02007

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

Use the hazard warning lights to warn other drivers of possible risk of traffic hazard when you park your vehicle in case of emergency.

### Windshield wiper and washer lever

#### EXAMPLE



57L21128

#### ! WARNING

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

## Wiper and washer operation

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

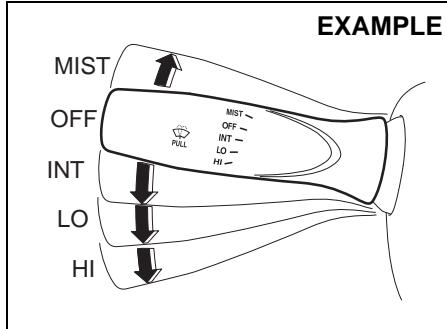
When the wipers are under heavy load such as covered by snow, the breaker will be activated and the wipers will stop operating to protect the wiper motor from overheating.

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 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.

## Windshield wipers

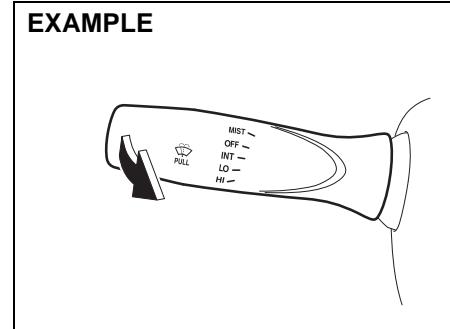


69RM02006

To turn the windshield wipers on, move the lever down to one of the three operating positions. In "INT" position, the wipers operate intermittently. The "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



69RM02005

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

### ! WARNING

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

## BEFORE DRIVING

### NOTICE

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

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

### Horn

#### EXAMPLE



62SM02018

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 the "SPECIFICATIONS" section.

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

**PAW (front and rear)** – Maximum permissible weight on an individual axle.

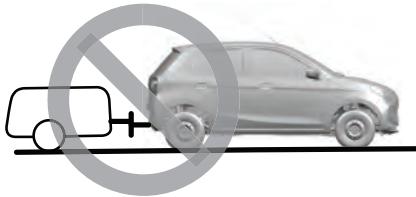
Actual weight of the loaded vehicle and actual loads at the front and rear axles can only be determined by weighing the vehicle. Compare these weights to the GVWR and PAW (front and rear). If the gross vehicle weight or the load on either axle exceeds these ratings, you must remove enough weight to bring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

**⚠ WARNING**

- Never overload your vehicle. The gross vehicle weight (sum of the weights of the vehicle, all the occupants, accessories, cargo plus trailer nose weight if towing a trailer) must never exceed the Gross Vehicle Weight Rating (GVWR). In addition, never distribute a load so that the weight on either the front or rear axle exceeds the Permissible maximum Axle Weight (PAW).
- Always distribute cargo evenly. To avoid personal injury or damage to your vehicle, always secure cargo to prevent it from shifting if the vehicle moves suddenly. Place heavier objects on the floor and as far forward in the cargo area as possible. Never pile cargo higher than the top of the seat backs.

**Trailer towing**

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

**EXAMPLE**

53TM02016



# OPERATING YOUR VEHICLE



60G408

Daily inspection checklist .....	3-1
Engine oil consumption .....	3-2
Ignition switch .....	3-2
Parking brake lever .....	3-4
Precautions for parking .....	3-6
Pedal .....	3-8
Starting engine .....	3-9
Using transmission .....	3-10
Gearshift indicator (if equipped) .....	3-20
Parking sensors .....	3-21
Braking .....	3-24
Electronic Stability Program (ESP®) (if equipped) .....	3-29

# OPERATING YOUR VEHICLE

## Daily inspection checklist

### Before driving

#### EXAMPLE



- 1) Check 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 the "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 after use.*

- 4) Check that 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.
- 7) Check the brake pedal and the parking brake lever.
- 8) Adjust the mirrors.
- 9) Check that you and all passengers have properly fastened your seat belts.
- 10) Check that all warning lights come on as the ignition switch is turned to "ON" position.
- 11) Check all gauges.
- 12) Check 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 or before a long distance driving (like highway driving), perform the following under-hood checks:

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

Pull the hood release handle inside the vehicle. Check that you cannot open the hood all the way without releasing the secondary latch. Close the hood securely after checking for proper latch operation. See the item "All latches, hinges and locks" of "Chassis, body and others" in "Maintenance schedule" in the "INSPECTION AND MAINTENANCE" section for lubrication schedule.

#### ! WARNING

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

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

### 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 gradually becomes 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

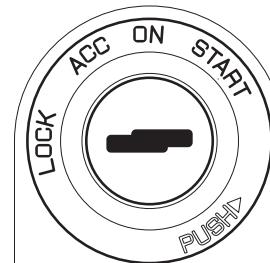
is subsequently driven at high speeds, such as on an expressway, making it appear that oil is excessively consumed after high-speed driving.

### Ignition switch

#### WARNING

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

#### EXAMPLE



68PH00310

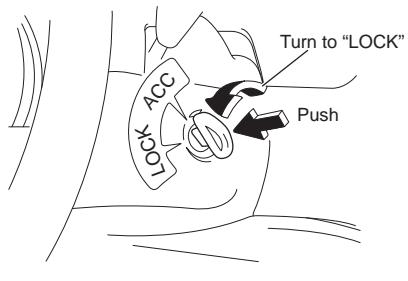
The ignition switch has the following four positions:

#### LOCK

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

## OPERATING YOUR VEHICLE

### EXAMPLE



60G033

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

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

### ACC

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

### ON

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

### START

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

### Ignition key reminder (if equipped)

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

### EXAMPLE



62SM03002

### WARNING

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

(Continued)

**WARNING**

(Continued)

- 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 leave the ignition switch in “ON” position if the engine is not running as the battery will discharge.

(Continued)

**NOTICE**

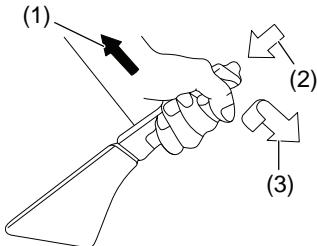
(Continued)

**(For manual transmission models)**

- For protection of a lead-acid battery and a starter motor, if you use the starter motor by turning the key to “START” for more than 12 seconds at a time, the starter motor stops automatically. Turn the key to “LOCK” position and wait for more than 30 seconds before trying again. If the engine does not start after several attempts, check the fuel and ignition system or consult a Maruti Suzuki authorised workshop.
- If the engine starts, the starter motor stops automatically.

**(For Auto Gear Shift models)**

- For protection of a lead-acid battery and a starter motor, do not use the starter motor by turning the key to “START” for more than 12 seconds at a time. If the engine does not start, turn the key to “LOCK” position and wait for more than 30 seconds before trying again. If the engine does not start after several attempts, check the fuel and ignition system or consult a Maruti Suzuki authorised workshop.

**Parking brake lever****EXAMPLE**

54G039

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

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

### ⚠ 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.

(Continued)

### ⚠ WARNING

(Continued)

- Always set the parking brake fully before leaving your vehicle or it may move, causing injury or damage. When parking, check that the gearshift lever is in one of the following positions:
  - 1st gear or “R” (Reverse) for manual transmission vehicles.
  - “D”, “M” or “R” for Auto Gear Shift vehicles. Also, check the instrument cluster to make sure that the transmission is engaged in “1” or “R” position.

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) Manual transmission – turn off the engine, then shift into reverse or first gear.  
Auto Gear Shift – shift into “D”, “M” or “R” and check the gear position indicator in the instrument cluster to make sure that the transmission is engaged in “1” or “R” position, then turn off the engine.
- 3) Get out of the vehicle and put chocks under the wheels.
- 4) Release the parking brake.  
When you return to your vehicle, first set the parking brake, and then remove the wheel chocks.

#### NOTE:

(For Auto Gear Shift models)

For details on how to use the gearshift lever to park the vehicle, refer to “Parking” in “Auto Gear Shift” in this section.

**! 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 releasing the parking brake. Check that the parking brake is fully released and the brake system warning light turns off.

**Precautions for Parking****With the Engine Running, the Cooling Fan (Radiator Fan) may Rotate Suddenly**

The cooling fan (radiator fan) in the engine compartment may automatically stop and rotate depending on the conditions of the engine coolant temperature.

**! WARNING**

**If you get close to a rotating cooling fan (radiator fan), your hands, hair and clothing may get caught in it, resulting in personal injury.**

**With the engine running, even when the cooling fan (radiator fan) stops, it may automatically rotate. Therefore, do not get close to the cooling fan (radiator fan).**

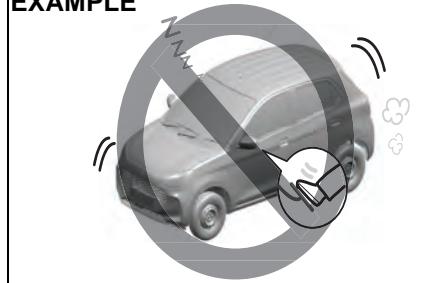
**When Moving the Vehicle**

When moving the vehicle, start the engine.

**! WARNING**

**If you coast with the engine off, stronger force than normal is required when turning the steering wheel or depressing the brake pedal, resulting in an accident.**

**Do not coast on a downhill slope with the engine off.**

**When Taking a Nap in the Vehicle****EXAMPLE**

53TM03007

Do not take a nap in the vehicle with the engine running.

**! WARNING**

- Exhaust gases can enter the vehicle due to surrounding conditions and wind direction, possibly causing carbon monoxide poisoning.
- The gearshift lever could change unintentionally, or the accelerator pedal could be depressed accidentally, causing an accident.
- If you were to accidentally step on the accelerator pedal while you are asleep, the engine and the exhaust system could overheat, resulting in danger of fire.

## OPERATING YOUR VEHICLE

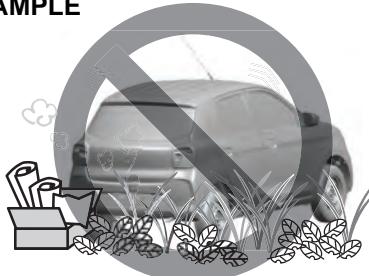
### When You Park the Vehicle Outside on a Snowy Day

#### ⚠ WARNING

- When you park the vehicle under the eaves or the trees, fallen snow may hit the vehicle's roof and it may be dented.  
Do not park the vehicle under the eaves or the trees on a snowy day.
- If you park the vehicle outside on a snowy day, the wiper arms may be deformed and the wiper blades may be frozen on the windshield, because of the weight of snow.  
When you park the vehicle outside, raise the wiper arms.

### Do not Park the Vehicle Near Flammable Materials

#### EXAMPLE



69RHS174

#### ⚠ WARNING

If you park the vehicle near flammable materials, the exhaust pipes and exhaust gas will get hot, resulting in danger of fire.

Do not park the vehicle near flammable materials such as dry grass, paper waste and plywood.

### When Leaving the Vehicle, Stop the Engine and Lock Doors

#### EXAMPLE



Even when leaving the vehicle for a short time, do not leave cash or valuables inside, as there is a risk of theft.

#### ⚠ WARNING

If you leave the vehicle unattended with the engine running, problems such as fire or theft can occur.  
Do not leave the vehicle unattended with the engine running.

### Do not Leave the Computer and the Mobile Phone in the Vehicle

There is the possibility of theft, or these items could become damaged due to moisture, humidity or temperature change.

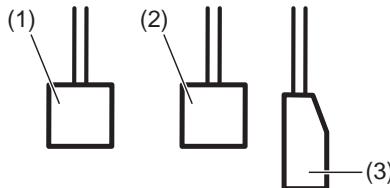
### Do not Leave Lighters and Eye-glasses in the Vehicle



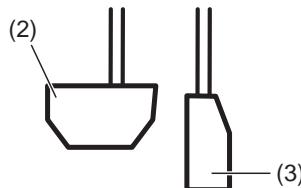
69RHS175

**⚠ WARNING**

- As the inside of the vehicle becomes hotter when parking in areas where strong sunlight causes increased temperature, there is the danger of spontaneous ignition of lighters or spray cans, fire due to explosion, the deformation or cracking of eyeglasses, plastic cards or CD cases, or the rupture of carbonated beverage cans. When parking in those areas, do not leave lighters, spray cans, plastic products (eyeglasses, plastic cards, CD cases, etc.) or carbonated beverage cans in the vehicle.
- When items get pushed around or when the seats are moved, it is possible that gas could escape and lead to a fire. Do not place accessories such lighters or spray cans with exposed operating parts in the glove box, in storage compartments, between the seats, on the floor, etc.

**Pedal****Manual transmission****EXAMPLE**

80J2121

**Auto Gear Shift****EXAMPLE**

80J2122

**Clutch pedal (1)**

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

**⚠ WARNING**

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

**Brake pedal (2)**

Your MARUTI SUZUKI vehicle is equipped with front disc brakes and rear drum brakes. Depressing a brake pedal applies both sets of brakes.

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

**Auto gear shift -** You may hear occasional sound when you release brake pedal while vehicle is in "D" (Drive) mode and about to move. This is a normal phenomenon.

## OPERATING YOUR VEHICLE

### ! WARNING

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

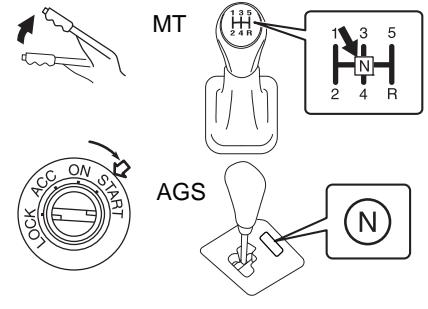
#### NOTE:

Your vehicle is equipped with Brake Override System. If you depress both the accelerator pedal and the brake pedal simultaneously, the engine power output may be suppressed.

## Starting engine

### Before starting engine

#### EXAMPLE



### ! WARNING

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

### Starting a cold and warm engine

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.

#### (For manual transmission models)

- For protection of a lead-acid battery and a starter motor, if you use the starter motor by turning the key to "START" for more than 12 seconds at a time, the starter motor stops automatically. Turn the key to "LOCK" position and wait for more than 30 seconds before trying again. If the engine does not start after several attempts, check the fuel and ignition system or consult a Maruti Suzuki authorised workshop.

- If the engine starts, the starter motor stops automatically.

(Continued)

**NOTICE**

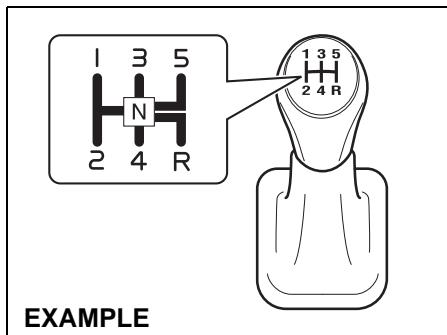
(Continued)

(For Auto Gear Shift models)

- For protection of a lead-acid battery and a starter motor, do not use the starter motor by turning the key to "START" for more than 12 seconds at a time. If the engine does not start, turn the key to "LOCK" position and wait for more than 30 seconds before trying again. If the engine does not start after several attempts, check the fuel and ignition system or consult a Maruti Suzuki authorised workshop.

**Using 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.**

**Manual transmission****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 and provide quiet and easy shifting. Always depress the clutch pedal all the way to the floor before shifting gears.

## OPERATING YOUR VEHICLE

### Downshifting maximum allowable speeds (Petrol and CNG)

Downshifting	km/h
2nd to 1st	20
3rd to 2nd	75
4th to 3rd	115
5th to 4th	160

#### \*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

- 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.

#### Auto Gear Shift

Auto Gear Shift is a 5-speed forward/reverse transmission.

Auto Gear Shift has the basic features of conventional manual transmission, but clutch operation and transmission gear shifting are controlled electronically.

#### NOTICE

Do not depress both the brake pedal and accelerator pedal simultaneously. This can cause damage or overheating to the clutch.

#### NOTICE

Before engaging reverse gear "R", check that the vehicle is completely stationary and gear lever is in neutral "N" position. After depressing clutch pedal fully, shift to "R".

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

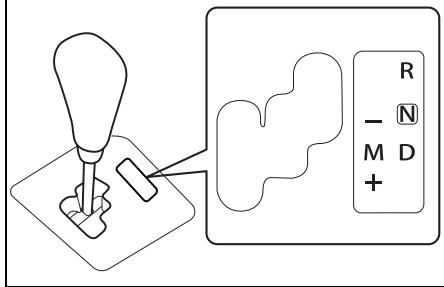
- 1) Put gear lever in neutral "N".
- 2) Release the clutch pedal once.
- 3) Again depress the clutch pedal, and shift from "N" to "R".

#### NOTE:

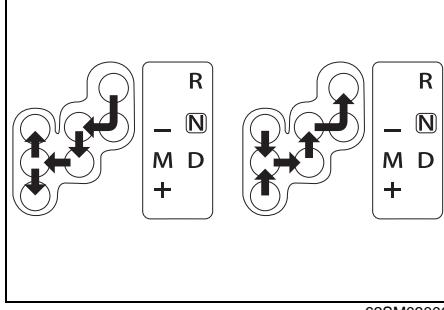
When you open the driver's door, the Auto Gear Shift systems run automatically and you may hear an operating noise. This sound does not indicate malfunction.

The features are as follows:

### EXAMPLE



### EXAMPLE



### Depress brake pedal indicator



76MH0A047

This light will come on if you do not depress the brake pedal in the following situations.

- When starting the engine.
- When the engine is on and the gearshift lever is shifted from "N" position to "D", "M" or "R" position.
- When the ignition switch is in the "ON" position, and the engine is off, the gearshift lever is shifted into any position.

This light will also come on if one of the gears cannot be engaged and the system is unable to re-try shifting when you shift the gearshift lever from "N" position to "D", "M" or "R" position.

### Starting the engine

When starting the engine, always place the gearshift lever in the "N" position and depress the brake pedal firmly. The engine cannot be started unless the gearshift lever is in the "N" position and the brake pedal is depressed.

If you parked vehicle with gear engaged on last time (if you can see "1" or "R"), shift into "N" (Neutral) and depress the brake pedal. Hold the brake pedal while starting the engine. You can hear buzzer in short time.

### NOTE:

*If you start the engine without the gearshift lever in the "N" position, the gear position indicator in the instrument cluster will blink.*

### Clutch operation

You can select either the Drive (D) mode or the Manual (M) mode. Since this vehicle controls clutch operation electronically in either mode, you do not need to operate the clutch.

## OPERATING YOUR VEHICLE

### Creeping function

This vehicle has a creeping function that helps the vehicle to start smoothly by engaging the clutch. When the gearshift lever is in any of the positions "D", "M" or "R", and you release your foot from the brake pedal, the vehicle starts slowly without depressing the accelerator pedal. However, creep is not possible in manual (M) mode with 2nd gear engaged. The creeping function is disabled if you depress the brake pedal or pull up the parking brake lever.

#### NOTE:

*If the driver's door is opened and/or the parking brake lever is engaged with the gear in the "M", "D" or "R" position, the creeping function will not operate.*

### Parking and Stopping the vehicle

Auto Gear Shift does not have a parking position. Park the vehicle with a gear engaged. Make sure that the gearshift lever is "D", "M", or "R".

Also, check the instrument cluster to make sure that the transmission is engaged in "1" or "R" position.

#### NOTICE

**The vehicle will become inoperative if you continue to operate the vehicle with the gearshift lever in-between each shift positions.**

### Drive (D) mode

When the Drive (D) mode is activated, the most appropriate gear position is automatically selected upon operation of the accelerator pedal and variation of vehicle speed.

#### Normal driving:

- 1) Start the engine as instructed in "Starting the engine" in this section.
- 2) With your foot on the brake pedal, shift the gearshift lever to the "D" position. When the gearshift lever is shifted to the "D" position, the gear will be shifted to 1st.

#### NOTE:

- If 1st gear cannot be engaged even though the gearshift lever has been shifted from the "N" to the "D" position, the system will re-try shifting automatically. This will take some time, noise may be heard from the gears, and shifting gear shock may occur. However, they do not indicate malfunction.
- The "N" indicator will flash, the depress brake pedal indicator will come on and a warning buzzer (long pulse sound) will sound if any of the following cases occur:
  - If you shift the gearshift lever from the "N" to the "D" position without depressing the brake pedal
  - If the system is unable to re-try shifting

*You should depress the brake pedal and shift the gearshift lever to "N" position, then shift to "D" again.*

- 3) Release the parking brake and brake pedal.
- 4) Depress the accelerator pedal slowly.

#### WARNING

- While driving the vehicle, do not shift the gearshift lever to the "N" position. The engine brake may not work and you may get involved in an accident. If you return the gearshift lever from "N" to "D" because of unintended shifting, the gear position will be shifted according to the current vehicle speed.
- Always keep your foot on the brake pedal while stopped with the engine running. This operation prevents the vehicle from moving due to unintended activation of the creeping function.

**NOTICE**

- If the gearshift lever cannot shift into any position, or the gear is changed to "N" position automatically when the vehicle speed becomes less than 10 km/h, there may be a systematic malfunction. In this case, ask a Maruti Suzuki authorised workshop to inspect the Auto Gear Shift system as soon as possible.
- Do not operate the system as described below. The life cycle of the clutch may be reduced.
  - Using the accelerator pedal to hold the vehicle on an uphill slope with the gearshift lever in the "D" or "M" position. If you perform this operation for a certain period of time, a warning buzzer will sound.
  - Shifting the gearshift lever to the "D", "M" or "R" position while racing the engine.
  - Driving at low speed using a high gear.
  - Holding the vehicle on an uphill slope using the creeping function. If you perform this operation for a certain period of time, a warning buzzer will sound.

**Starting off on an uphill/downhill:****Uphill**

- 1) Apply the parking brake firmly so that the vehicle does not roll backwards.
- 2) Shift the gearshift lever to the "D" position while depressing the brake pedal. Make sure that the gear position indicator in the instrumental cluster displays 1st gear.
- 3) Release the brake pedal and depress the accelerator pedal gradually, and when the vehicle starts to move, release the parking brake and depress the accelerator pedal to start off.

**NOTICE**

On an uphill slope, never hold the vehicle at a stop using only the accelerator pedal or the creeping function. If you perform this operation for a certain period of time, a warning buzzer will sound, and in some cases the engine will stall. This can also cause excessive damage to the clutch.

**Downhill**

- 1) Depress the brake pedal and shift the gearshift lever to the "D" position. Make sure that the gear is in 1st by checking the gear position indicator.
- 2) Release the brake pedal and depress the accelerator pedal slowly. Even if the accelerator pedal is not depressed, the clutch will be engaged when the vehicle speed increases.

**Using engine braking:**

When driving on a downhill slope, downshifting is recommended. So you can use engine braking.

By placing the gearshift lever in the "M" position, the Manual (M) mode is selected, and you can shift to a lower gear manually. For details of downshift operation, refer to "Upshift and downshift" in the "Manual (M) mode".

**Manual (M) mode**

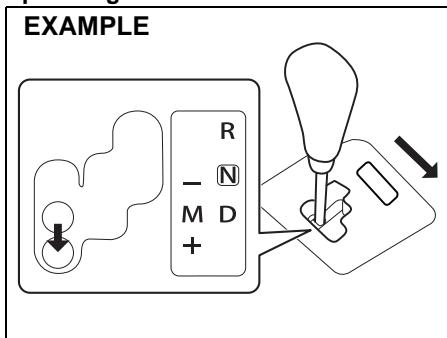
The gears are not automatically up-shifted. To shift the transmission, the driver must operate the gearshift lever to the "+" or "-" direction. As for conventional manual transmission vehicles, releasing the accelerator pedal a little may help the transmission to shift smoothly.

## OPERATING YOUR VEHICLE

### Upshift and downshift:

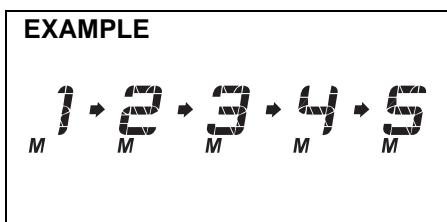
#### Upshifting

##### EXAMPLE



Pull the gearshift lever to the "+" direction and release it. Every time the lever is operated, the transmission is upshifting 1 step in the order of 1st → 2nd → 3rd → 4th → 5th gear.

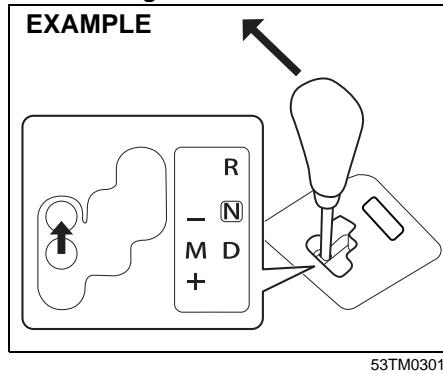
##### EXAMPLE



3-15

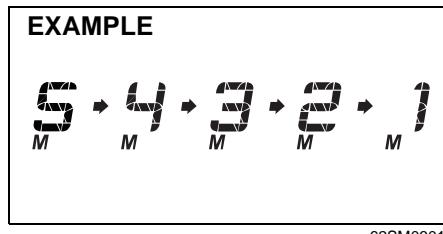
### Downshifting

##### EXAMPLE



Push the gearshift lever to the “-” direction and release it. Every time the lever is operated, the transmission is downshifted in the order 5th → 4th → 3rd → 2nd → 1st gear.

##### EXAMPLE



The gear position is displayed on the gear position indicator. The gear position indicator shows the transmission gear position.

Before starting off, always check the gear position indicator to make sure that the transmission is engaged in 1st or reverse, then depress the accelerator pedal.

It is possible to start vehicle in 2nd gear using manual mode, from stop condition.

#### NOTE:

- Always use 1st gear while starting off on an uphill slope otherwise you can damage the clutch.
- To downshift smoothly, the engine runs fast in some cases. This is done intentionally by the system and is not malfunction.
- When driving down a hill, downshift and use the engine braking appropriately. If necessary, continuous downshifting is possible. However, if downshifting more than 3 steps, gear shifting will take more time.
- When the gear is shifting, a noise can be heard in some case. This is not malfunction.

**⚠ WARNING**

- Be careful when accelerating, upshifting, downshifting or braking on a slippery surface. Sudden acceleration or engine braking could cause the vehicle to spin or skid. While starting off on a slippery or snowy roads, please use 2nd gear. 2nd gear can be directly selected in standstill condition using Manual mode.
- To drive down a long or steep hill, reduce your speed and downshift. Remember, if you ride the brakes excessively, they may overheat and fail.
- While driving the vehicle, do not shift the gearshift lever to "N" position. The engine brake may not work and you may get involved in an accident. If you return the gearshift lever from "N" to "M" because of unintended shifting, the gear position will be shifted according to the current vehicle speed.
- Do not apply the parking brake while driving. Otherwise, it could cause a skid and you may get involved in an accident.

**NOTICE**

- If the gearshift lever cannot shift into any position, or the gear is changed to "N" position automatically when the vehicle speed becomes less than 10 km/h, there may be a systematic malfunction. In this case, ask a Maruti Suzuki authorised workshop to inspect the Auto Gear Shift system as soon as possible.
- The manual (M) mode does not upshift even if the engine speed reaches the rev-limit.
- The system will not allow shifting up or down to a gear that would cause engine over-revving or under-revving.
- If frequently driving at low speed using a high gear position, the life cycle of the clutch may be reduced.
- Frequent downshifting (more than 3 positions consecutively) causes the reduction of transmission life.

**Starting off:**

- 1) Start the engine as instructed in "Starting the engine" in this section.
- 2) With your foot on the brake pedal, shift the gearshift lever to the "M" position. When the gearshift lever is shifted to the "M" position, the gear will be shifted to 1st. Before starting off, always make sure that the intended gear is engaged by checking the gear position indicator, then depress the accelerator pedal.

**NOTE:**

- If 1st gear cannot be engaged even though the gearshift lever has been shifted from the "N" to the "M" position, the system will re-try shifting automatically. This will take some time, noise may be heard from the gears, and shifting gear shock may occur. However, they do not indicate malfunction.
- The "N" indicator will flash, the depress brake pedal indicator will come on and a warning buzzer (long pulse sound) will sound if any of the following cases occur;
  - If you shift the gearshift lever from the "N" to the "M" position without depressing the brake pedal
  - If the system is unable to re-try shifting You should depress the brake pedal and shift the gearshift lever to "N" position, then shift to "M" position again a few seconds later.

## OPERATING YOUR VEHICLE

- 3) Release the parking brake and brake pedal. Depress the accelerator pedal slowly for smooth starting.

### ⚠ WARNING

Always keep your foot on the brake pedal while stopped with the engine running. These operations prevent the vehicle from starting due to unintended activation of the creeping function.

### NOTICE

Do not operate the system as described below. The life cycle of the clutch may be reduced.

- Using the accelerator pedal to hold the vehicle on an uphill slope operation with the gearshift lever in the "M" or "D" position. If you perform this operation for a certain period of time, a warning buzzer will sound.
- Shifting the gearshift lever to the "M", "D" or "R" position while racing the engine.
- Driving at low speed using a high gear.
- Stopping on a slope using the creeping function. If you perform this operation for a certain period of time, a warning buzzer will sound.

### Starting off on an uphill/downhill slope:

#### Uphill

- 1) Apply the parking brake firmly so that the vehicle does not roll backwards.
- 2) Shift the gearshift lever to the "M" position while depressing the brake pedal. Make sure that the gear position indicator in the instrumental cluster displays 1st gear.
- 3) Release the brake pedal and depress the accelerator pedal gradually, and when the vehicle starts to move, release the parking brake and depress the accelerator pedal to start off.

### NOTICE

On an uphill slope, never hold the vehicle at a stop using only the accelerator pedal or creeping function. If you perform this operation for a certain period of time, a warning buzzer will sound, and in some cases the engine will stall. This can also cause excessive damage to the clutch.

In case the warning buzzer is on, shifting to 2nd gear will not be possible in manual mode. Always use 1st gear while starting off on a uphill slope. Otherwise you may damage the clutch.

### Downhill

- 1) Depress the brake pedal and shift the gearshift lever to the "M" position. Check the gear position indicator to make sure that the gear is in 1st.
- 2) Release the brake pedal and depress the accelerator pedal slowly. Even though the accelerator pedal is not depressed, the clutch will be engaged when the vehicle speed increases.

### Backing up

After the vehicle has stopped completely, depress the brake pedal and shift the gearshift lever to the "R" position. Depress the accelerator pedal slowly as when starting off in 1st gear. Before backing up, make sure that reverse gear is selected by checking the gear position indicator.

### NOTE:

- If reverse gear cannot be engaged even though the gearshift lever has been shifted from the "N" to the "R" position, the system will re-try shifting automatically. This will take some time, noise may be heard from the gears, and shifting gear shock may occur. However, they do not indicate malfunction.
- The "N" indicator will flash, the depress brake pedal indicator will come on and a warning buzzer (long pulse sound) will sound if any of the following cases occur;

- If you shift the gearshift lever from the “N” to the “R” position without depressing the brake pedal
- If the system is unable to re-try shifting You should depress the brake pedal and shift the gearshift lever to “N” position, then shift to “R” position again a few seconds later.
- The system will not allow shifting to the “R” position if the vehicle speed is over about 3 km/h. If the gearshift lever is operated under this condition, the “N” indicator in the instrument cluster will blink. However, when the vehicle speed drops below about 3 km/h, the gear will be shifted to reverse. Make sure that the vehicle has stopped completely before shifting to the “R” position.

#### **NOTICE**

On a downhill slope, never hold the vehicle at a stop with gearshift lever in “R” position. If you perform this operation for a certain period of time, a warning buzzer will sound, and in some cases the engine will stall. This can also cause excessive damage to the clutch.

#### **Stopping**

The vehicle can be stopped by depressing the brake pedal regardless of the gear position. This is because the clutch is automatically disengaged to prevent the engine from stopping.

- If the gearshift lever is in the “D” position, the gear will be downshifted to 1st when the vehicle stops.
- If the gearshift lever is in the “M” position, the gear will be downshifted to 1st when the vehicle stops.

#### **WARNING**

- When stopping, for example, at a traffic light, be sure to depress the brake pedal firmly. For your safety, apply the parking brake, too, when stopping on a hill.
- When racing the engine, make sure that the gear is in the “N” position by checking the gear position indicator. If the accelerator is operated with the gear in any other position, the vehicle may move resulting in an accident.
- Do not leave your vehicle unattended while the engine is running.

(Continued)

#### **! WARNING**

(Continued)

- When leaving the vehicle, stop the engine and park the vehicle with a gear engaged. If you need to leave the vehicle with the engine running, apply the parking brakes firmly, and shift the gearshift lever to the “N” position. Otherwise, the vehicle may move unexpectedly and may cause an accident.

#### **NOTICE**

- On a slope, never hold the vehicle at a stop using only the accelerator pedal or the creeping function. If you perform this operation for a certain period of time, a warning buzzer will sound, and in some cases the engine will stall. This can also cause excessive damage to the clutch.
- If the gearshift lever is operated more than necessary, the system may not allow operation of the gearshift for a certain period of time, and the gear may not be shifted appropriately. Therefore, do not operate the gearshift lever if not necessary.

## OPERATING YOUR VEHICLE

### Parking

Unlike an automatic transmission, Auto Gear Shift does not have a parking position. Park the vehicle with a gear engaged.

- 1) Apply the parking brake firmly.
- 2) While depressing the brake pedal, shift the gearshift lever to the "R" position on a downhill slope, and to the 1st position in the drive (D) mode or the "M" position in the manual (M) mode on an uphill slope and confirm the gear position by checking the gear position indicator.
- 3) Stop the engine.

#### NOTE:

- After ignition is OFF, the gear in the transmission does not change even if you shift the gearshift lever in any position with or without brake pedal pressed. Always shift the gearshift lever before stopping the engine.
- Check the transmission gear position by looking at the gear position indicator, then turn the ignition switch to "LOCK" position, to stop the engine. Release the brake pedal after a few seconds.
- The ignition switch is turned to the "LOCK" position with the gear in 2nd, 3rd, 4th or 5th. In this case, turn the ignition switch to "ON" position, and shift the gearshift lever in the "N" position, shift it to the "D" or "M" or "R" position, then turn the ignition switch to "LOCK" position.

### ! WARNING

- If the gear is not engaged properly and completely before the ignition switch is turned to "LOCK" position, the vehicle may not be parked with the gear engaged. Always confirm the gear position by checking the gear position indicator when parking.
- On a downhill slope, the gear should be put in reverse, and in 1st gear on an uphill slope. Otherwise, the vehicle may move, and cause an accident. If the gear is left in the "N" position, the vehicle cannot be parked with a gear engaged.

### Parking cancel

Depress the brake pedal, turn the ignition switch to "ON" position, and shift the gearshift lever to the "N" position. The gear will be disengaged.

### Warning functions

A warning buzzer will sound or the indicator will blink under the following conditions.

### Warning buzzer

- The clutch is heated due to excessive load.
- The creeping function is being activated for a long period of time.

### NOTICE

In the above cases, pull over to the side of the road and stop the engine, and then ask a Maruti Suzuki authorised workshop to inspect your vehicle. Otherwise, the clutch disc may be damaged.

- During a stop, if the driver's door is opened with the gearshift lever in the "R", "D" or "M" position while the engine is running and brake pedal is released for some time. Gear is disengaged automatically for safety.

**"N" indicator blinking**

When the gear indicator lamp blinks "N", you should depress the brake pedal and shift the gearshift lever to "N" position.

**"1" indicator blinking**

When the gear indicator lamp blinks "1st", you should depress the brake pedal and shift the gearshift lever to "N" position, then shift to "D" or "M" position again a few seconds later.

**"R" indicator blinking**

When the gear indicator lamp blinks "R", you should depress the brake pedal and shift the gearshift lever to "N" position, then shift to "R" position again a few seconds later.

**Gearshift indicator  
(if equipped)**

69RH050

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

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

#### ! WARNING

- The parking sensor warns you of obstacles with buzzers. However, you still have to drive with particular care.
- 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.

#### NOTE:

When the gearshift lever is shifted to the "R" position, a buzzer will sound once.

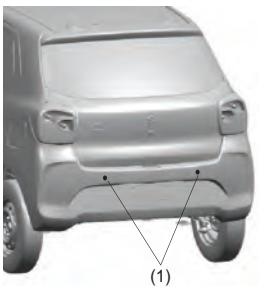
#### NOTICE

Parking sensors are only for driver's assistance.

## Sensor locations

On rear bumper

### EXAMPLE



53TM03002

(1) Rear 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

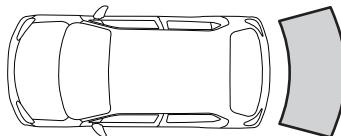
### Working sensors

The sensors work depending on the gearshift lever position as follows:

Gearshift lever position	Manual transmission		Auto Gear Shift	
	R	N, 1st – 5th	R	N, D, M
Rear sensors	On	Off	On	Off

Approximate areas where obstacles can be detected

#### EXAMPLE



62SM03009

- An obstacle within about 20 cm (8 in) from a sensor or just below a sensor is not detectable.
- The sensors can detect obstacles such as a wall up to about 1.5 m (5 ft) from the rear of 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 such as wire netting and ropes
  - Square-shaped curbstones or other objects with sharp edges
  - Tall objects with a large upper part such as 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.

### Obstacle indication by parking sensor

Upon detecting an obstacle, the parking sensor causes an interior buzzer to sound.

- 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 sensors

Distance (approx.)	Buzzer
100 – 150 cm (39 – 59 in)	Short beeps at short intervals
60 – 100 cm (24 – 39 in)	Short beeps at very short intervals
Less than 60 cm (24 in)	Continuous beep

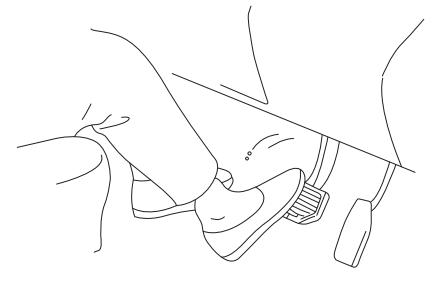
### Warning and indicator messages

If there is a problem or warning regarding the parking sensor system, a buzzer informs it. Follow its instruction.

The buzzer sounds intermittently. The indicated sensor is contaminated. Wipe it clean with a soft cloth. If the buzzer does not stop after wiping, there may be problem with the parking sensor system. Have your vehicle inspected by a Maruti Suzuki authorised workshop.

## Braking

### EXAMPLE



60G165S

The distance needed to bring any vehicle to a halt increases with the speed of the vehicle. The braking distance needed, for example, at 60 km/h 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.

*NOTE:*

*While braking you may hear operational noise due to friction between brake disc/drum and brake lining. This is a normal phenomenon and does not indicate any abnormality or affect normal functioning of the vehicle.*

### Power-assisted brakes

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

### ⚠ WARNING

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

### Anti-lock brake system (ABS)

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

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

### ⚠ WARNING

- Always check the surrounding conditions and drive the vehicle in a safe manner, as controlling the vehicle by ABS has limits and the system may not function properly depending on the surrounding conditions.
- If tyre grip performance is over the limit or hydroplaning occurs, ABS cannot work properly.

*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.

#### **Braking Distance**

ABS is not designed to shorten the stopping distance.

#### **⚠ WARNING**

- In the following situations, the braking distance required for a vehicle with ABS may be slightly greater than the one required for a vehicle without ABS, resulting in an accident. Drive the vehicle slowly and maintain ample distance between your vehicle and the vehicle in front of you.
  - When driving on rough roads such as unpaved or stone-paved roads
  - When driving on gravel roads or fresh snow roads
  - When driving over bumps on the roads such as joint seams
  - When passing over metal plate such as manholes
  - When snow chains are installed

#### **NOTE:**

- When applying sudden brake or applying brake on slippery roads, the braking distance required for a vehicle with ABS is almost the same as the one required for a vehicle without ABS.
- If you would like to suddenly apply brake, just push the brake pedal down firmly without pumping. Otherwise, the longer braking distance will be required.
- The ABS will not work if vehicle speed is under about 9 km/h. This depends on the road conditions.

#### **Vibration and Sound during ABS Operation**

When strongly depressing the brake pedal, you might feel vibration of the brake pedal, the steering wheel, and the vehicle body. This is due to ABS operation, and does not indicate a malfunction; continue strongly depressing the brake pedal at this time.

#### **NOTE:**

*Immediately after starting the engine and beginning to drive, you might temporarily hear a motor sound. This means that the systems are in self-check mode. This sound does not indicate a malfunction.*

#### **Tyre**

#### **⚠ WARNING**

ABS detects each wheel rotation speed via a sensor. If tyres or wheels other than those specified in the owner's manual are used for size, type, tread pattern, or if worn conditions of tyres are different, the correct wheel rotation speed cannot be detected and ABS will not work properly. This may result in an accident. When replacing tyres, use the tyres with the size, type, and tread patterns which are specified in this owner's manual.

**Also, do not use the tyres which are excessively worn.**

## OPERATING YOUR VEHICLE

Situations where ABS may Activate by Chance when Applying Brake

- When driving on slippery roads

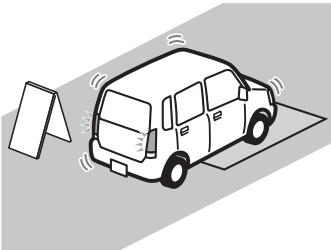
### EXAMPLE



69RHS150

- Manholes

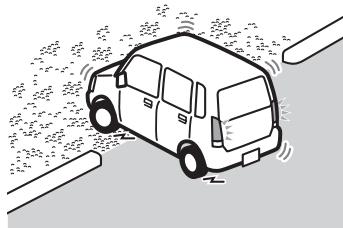
### EXAMPLE



69RHS151

- Metal plates in construction zones

### EXAMPLE



69RHS152

- Gravel roads
- When driving over joints in roads and other height differences

### EXAMPLE



69RHS154

- Height differences in roads

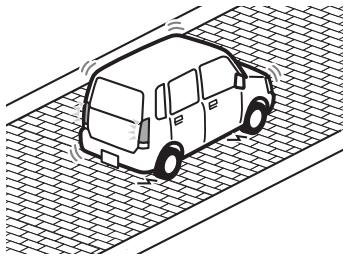
- When driving on rough roads

### EXAMPLE



69RHS155

- Bumpy roads

**EXAMPLE**

– Cobblestone

69RHS156

**EXAMPLE**

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

54MN069

**! WARNING**

- If the ABS warning light (1) on the instrument cluster 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 cluster simultaneously stay on or come 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

### How 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.

#### ⚠ 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.

### Electronic stability program (ESP®) (if equipped)

ESP® is a registered trademark of Daimler AG.

The Electronic Stability Program (ESP®) helps to control the vehicle during cornering if front wheels or rear wheels skid. It also assists you in maintaining traction while accelerating on loose or slippery road surfaces. It does this by regulating the engine's output, and by selectively applying the brakes. In addition, ESP helps to avoid skidding by controlling braking pressure.

#### ⚠ WARNING

The ESP® cannot enhance the vehicle's driving stability in all situations and does not control your vehicle's entire braking system. The ESP® cannot prevent accidents, including those resulting from excessive speed in turns, or hydroplaning. Only safe and attentive drive can prevent accidents.

The capabilities of an ESP®-equipped vehicle must never be used as a substitute for careful driving.

The ESP® has the following systems:

#### Anti-lock Brake System (ABS)

Refer to "Anti-lock Brake System (ABS)" in this section.

#### Brake Assist System

Refer to "Brake Assist System" in this section.

#### Traction Control System

The traction control system automatically helps prevent the spinning of wheels when the vehicle is started or accelerated on slippery road surfaces. The system operates only if it senses that some of the wheels are spinning or beginning to lose traction. When this happens, the system operates the front or rear brakes and reduces engine power to limit wheel spin.

#### NOTE:

*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.*

#### Stability control system

The vehicle stability control system helps provide integrated control of systems such as anti-lock brakes, traction control, engine control, etc. This system automatically controls the brakes and engine to help prevent the vehicle from skidding when cornering on a slippery road surface or when turning the steering wheel abruptly.

**WARNING**

Always check the surrounding conditions and drive the vehicle in a safe manner, as controlling the vehicle by ESP® has limits and ESP® may not function properly depending on the surrounding conditions.

**CAUTION**

- Observe the following points. Otherwise, ESP® may not operate properly or it may result in a malfunction.
  - Adjust the tyre pressure as specified.
  - When replacing tyres, use the same tyres with the size, type, and tread patterns.
  - Do not use the tyres which have excessively worn conditions.
  - Do not modify the suspension or the brake and do not change vehicle height or suspension hardness.
  - Do not drive the vehicle with suspension or brake excessively deteriorated.
  - Do not modify the engine or the muffler.

(Continued)

**CAUTION**

(Continued)

- Do not install LSD (limited slip differential).
- When you install the snow chains, ESP® may not operate properly.

**NOTE:**

- If you perform the following operations, you may hear an operation sound or a clicking sound. This means that the ESP® system is in the self-check mode and this does not indicate a malfunction.
  - When ignition switch is turned to the “ON” position or pressing the engine switch to change the ignition mode to “ON”
  - When releasing your foot from the brake pedal, after the ignition switch is in “ON” position or the ignition mode is “ON” with the brake pedal depressed
  - When starting the engine
  - When starting the vehicle after starting the engine
  - When engine revolutions is high and ESP® operates, you may feel the change of engine revolutions or vibration of vehicle body. However, this is normal.

**ESP® warning light (if equipped)**

56RM03011

- If there is a problem in the ESP® system with the ignition switch in “ON” position or the engine switch in ON mode, this light will come on. While this light comes on, the following situations will occur. In this case, ask a Maruti Suzuki authorised workshop for inspection.
  - The following functions will not work:
    - Traction control system
    - Stability control system
    - ENG A-STOP system (if equipped)
  - Hill hold control system (if equipped) may not work.
  - ABS will work.
  - Depending on the malfunction condition, brake assist system may not work.
- If any of the following situations occurs, this light will blink at very short intervals of 0.2 seconds.
  - Traction control system is activated when starting or accelerating the vehicle
  - Stability control system is activated when making a sharp turn or whirling round.

## OPERATING YOUR VEHICLE

- If the system is in normal condition, when you turn the ignition switch to "ON" position or press the engine switch to change the ignition mode to ON, this light will come on for about 2 seconds and then come off.

### CAUTION

If this light blinks at very short intervals, there is high possibility that the vehicle will be stuck or skid on a slippery road surface. In this case, drive the vehicle very carefully.

#### NOTE:

While this light comes on, traction control system and stability control system will not be activated. However, you can use ABS.

### ESP® OFF indicator light (if equipped)



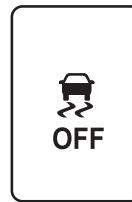
56RM03010

- If you press and hold the ESP® OFF switch with the ignition switch is in "ON" position or the ignition mode is "ON", this light will come on.
  - While this light comes on, traction control system and stability control system will not work.

If the system is in normal condition, when you turn the ignition switch to "ON" position or press the engine switch to change the ignition mode to ON, this light will come on for about 2 seconds and then come off.

### ESP® OFF switch (if equipped)

#### EXAMPLE



(1)

56RM03009

#### (1) ESP® OFF switch

- In the following situation, keep pressing the ESP® OFF switch until the ESP® OFF indicator light in the instrument cluster comes on. Traction control system and stability control system will not work.
  - When placing the vehicle on the tester for automobile inspection, traction control system and stability control system needs to be deactivated.
  - If your vehicle is stuck and you try to get out of the stuck condition, traction control system may not be suitable.

- If you perform the following operations, the ESP® OFF indicator light will come off. Also, traction control system and stability control system will return to be in the activated condition.

- Pressing the ESP® OFF switch again
- Stopping the engine and then restarting the engine

- If you would like to perform normal driving after escaping from the stuck condition, press the ESP® OFF switch again. This will allow the ESP® OFF indicator light to come off and the vehicle will return to the original condition. Traction control system and stability control system will not be activated automatically. (except when stopping the engine and then restarting the engine)

#### NOTE:

For safety reasons, even if you press the ESP® OFF switch, ABS and brake assist system will not be deactivated.

### ABS warning light / brake system warning light

Refer to "Braking" in this section.

### Hill Hold Control System (if equipped)

The hill hold control system is designed to assist you in starting to move up hills. When you start to move up a hill, the system helps to prevent the vehicle from rolling downward (for approximately 2

seconds) while you move your foot from the brake pedal to the accelerator pedal.

- The hill hold control system is not designed to stop the vehicle on a hill.



56RM0303

### ⚠ WARNING

- Always check the surrounding conditions and drive the vehicle in a safe manner by depressing the brake pedal as necessary, as controlling the vehicle by the hill hold control system has limits and the system may not function properly depending on the surrounding conditions.
- If you do not depress the brake pedal firmly enough, the hill hold control system may not work.

(Continued)

### ⚠ WARNING

(Continued)

- If you release your foot from the brake pedal for more than 2 seconds, the hill hold control system will be canceled. If so, the vehicle may roll downward, which can result in an accident depending on the degree of a slope. Also, the engine may stall and the power assist for the steering and brakes will not work so steering and braking will be much harder than usual which can result in an accident or vehicle damage. After you release your foot from the brake pedal, accelerate the vehicle to move up immediately.

**NOTE:**

- If there is a problem with the hill hold control system, the ESP® warning light in the instrument cluster may come on and the hill hold control system may not work. Also, ENG A-STOP system (if equipped) may not work. In this case, consult a Maruti Suzuki authorised workshop.
- If you move up an excessively sharp slope, a frozen road or a mud track, or depending on laden weight, the vehicle may roll downward when you start the vehicle.
- If you move up an excessively sharp slope, a frozen road or a mud track and

the hill hold control system activates, the tyres may be locked and the vehicle may not be controlled properly.

#### Activation conditions for the hill hold control system

The hill hold control system activates to prevent the vehicle from rolling downward for about 2 seconds if your foot is moved from the brake pedal when the following conditions are all met.

- The gearshift lever is in the forward gear or reverse position.
- The parking brake is released.
- The vehicle is on an upward slope.
- The brake pedal is depressed firmly.

For the vehicles with ENG A-STOP system (if equipped), the hill hold control system is activated when the engine is restarted after being stopped automatically, even if the previous conditions are not met.

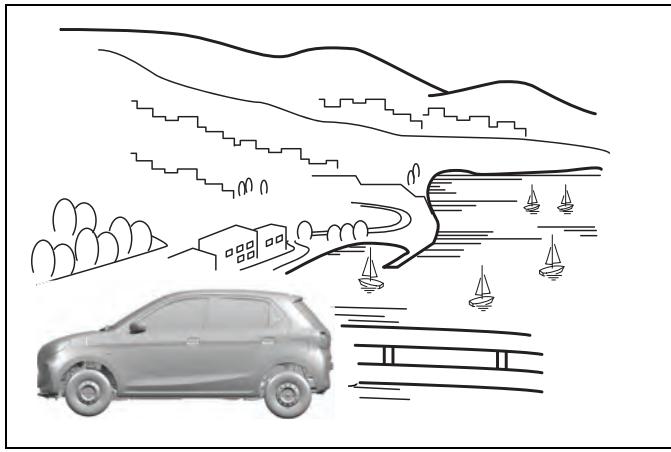
**NOTE:**

When the hill hold control system is activated, you may hear a sound coming from the engine, or you may feel hardness of the brake pedal. These are normal and do not indicate a malfunction.

## **OPERATING YOUR VEHICLE**

---

## DRIVING TIPS



60G409A

Running-in .....	4-1
Catalytic converter .....	4-1
Improving fuel economy .....	4-2
Highway driving .....	4-3
Driving on hills .....	4-3
Driving on slippery roads .....	4-4
Driving on wet roads .....	4-5
Off-road driving .....	4-6
When encountering a flooded area .....	4-6
Precaution for handling vehicle .....	4-6
Do's and Dont's for safe driving.....	4-7
Margin for safety .....	4-9

## 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 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

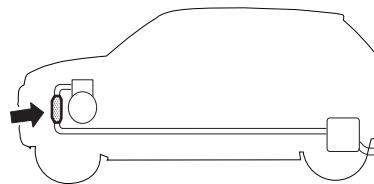
#### NOTICE

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



62SM04011

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.

**NOTICE**

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

- Maintain the engine in the proper operating condition.
- In the event of an engine malfunction, particularly one involving engine misfire or other apparent loss of performance, have the vehicle serviced promptly.
- Do not turn off the engine or interrupt the ignition when the 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.

**EXAMPLE**

53T04001

**WARNING**

Be careful where you park and drive; the catalytic converter and other exhaust components can get very hot. As with any vehicle, do not park or operate this vehicle in areas where combustible materials such as dry grass or leaves can come in contact with a hot exhaust system.

**Improving fuel economy****NOTE:**

*Fuel economy (mileage) of the vehicle may vary due to several factors i.e., driving habits - gear change pattern, usage of A.C, air pressure in the tyres, wind speed, traffic conditions, fuel quality- non adulterated standard fuel, maintenance of vehicle, road conditions, braking etc.*

The following instructions will help you improve fuel economy.

**Avoid excessive idling**

If you are to wait for more than a minute while you are parked, stop the engine and start it again later. When warming up a cold engine, do not allow the engine to idle or apply full throttle until the engine has reached operating temperature. Allow the engine to warm up by driving.

**Avoid sudden acceleration**

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

**Avoid unnecessary stops**

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

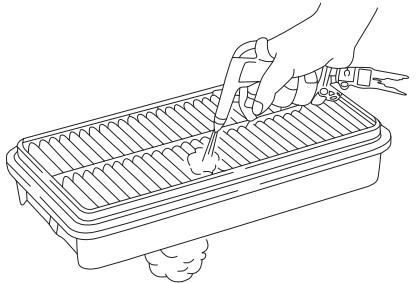
**Keep a steady cruising speed**

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

## DRIVING TIPS

### Keep the air cleaner clean

#### EXAMPLE



60A183S

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

### Keep weight to a minimum

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

### Keep tire pressures correct

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

### Highway driving

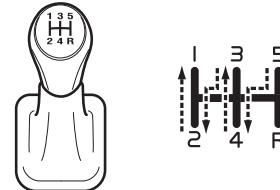
When driving at highway speeds, pay attention to the following:

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

### Driving on hills

#### Manual transmission

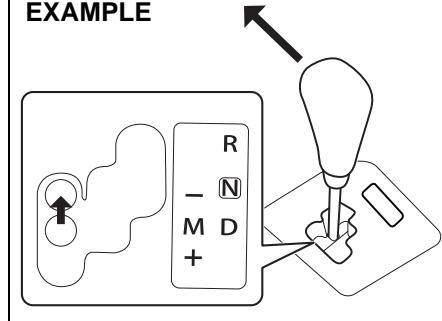
#### EXAMPLE



69RH021

#### Auto Gear Shift

#### EXAMPLE



62SM04012

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

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

(For manual transmission models)

- 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.
- When ready to start, depress the accelerator pedal while at the same time releasing the clutch pedal slowly. When the vehicle starts to move, gradually release the parking brake.

(For Auto Gear Shift models)

Refer to "Using transmission" in the "OPERATING YOUR VEHICLE" section.

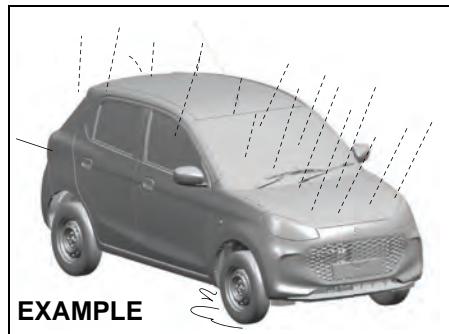
**! WARNING**

**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. Emission control system damage may result.**

**Driving on slippery roads**



**EXAMPLE**

53T04002

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.

**Stuck vehicle**

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

- Shift the transmission back and forth between a forward range (or first gear for manual transmission) 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

## DRIVING TIPS

- 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 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 the "OTHER CONTROLS AND EQUIPMENT" section.

### ! WARNING

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

### NOTICE

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

## Driving on wet roads

### EXAMPLE



53T04003

### ! WARNING

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

- Check that your tires are in good condition and always maintain the specified tire pressure. Refer to "Tires" in the "INSPECTION AND MAINTENANCE" section for details.
- Do not use tires other than those specified by MARUTI SUZUKI. Never use different sizes or types of tires on the front and rear wheels. For information regarding the specified tires, refer to the tire information label located on the driver's door lock pillar.

(Continued)

**⚠ WARNING**

(Continued)

- Never use oversized tires or special shock absorbers and springs to raise (jack up) your vehicle. This will change the handling characteristics. Oversized tires may also rub against the fender over bumps, causing vehicle damage or tire failure.
- After driving through water, test the brakes while driving at a slow speed to see if they have maintained their normal effectiveness. If the brakes are less effective than normal, dry them by repeatedly applying the brakes while driving slowly until the brakes have regained their normal effectiveness.

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

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

**When encountering a flooded area****EXAMPLE**

53T04004

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

- Function of brake
- Function of electrical components
- Changes in oil level and quality for engine and transmission. In case that the oil is turbid whitish, 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 gets stuck in deep water do not start the engine.

**Precaution for handling vehicle****Do not apply strong force to external parts****NOTICE**

**Do not apply strong force to the spoiler, rear bumper, side skirts, etc. Doing so can cause damage to these exterior parts.**

**Be careful of uneven road surface****NOTICE**

**In the following cases, the bumper or the lower part of the vehicle could get damaged. Ensure proper care.**

- Entering the areas where there is uneven road surface, such as road shoulder
- Driving on roads with grooves, bumps or potholes

## DRIVING TIPS

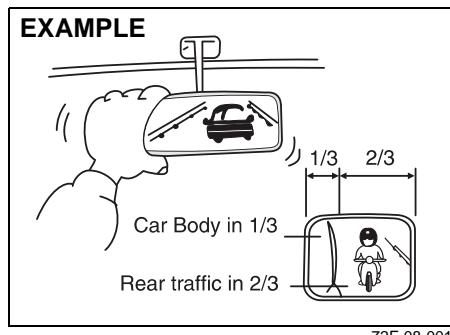
### Do's and Dont's for safe driving

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.

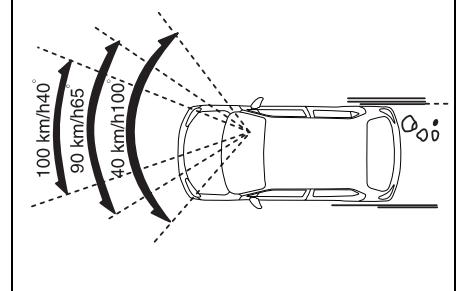


53T04005

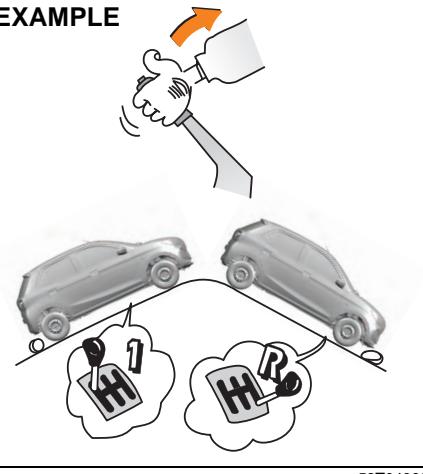
- 3) Turn on the turn signal at least 30 meters before making a turn or changing the lane so as not to be hit.
- 4) Before entering a corner, decelerate to a safe speed. Don't apply brakes during cornering, or skidding may occur.
- 5) When overtaking other vehicles, watch out for oncoming vehicles and carefully ensure safety.

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

#### EXAMPLE



- 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.

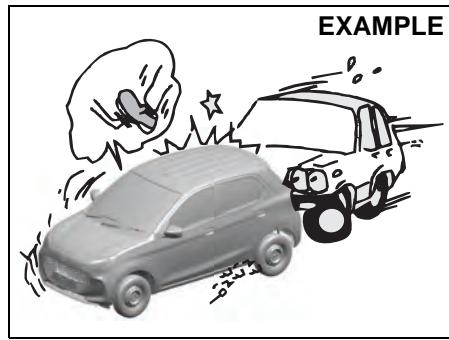
**Braking****EXAMPLE**

- 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.

**NOTE:**

*Non-usage of vehicle for long duration may cause gradual rusting on brake disc surface as it is made of cast iron. This may result in noise/vibration. The same has no*

*bearing on functioning of the vehicle. Regular driving of vehicle may prevent/remove rust, thus reducing the noise and vibration.*

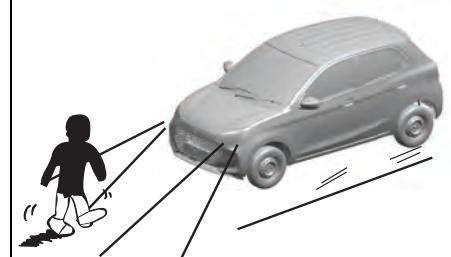


Use foot brake in three stages

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.

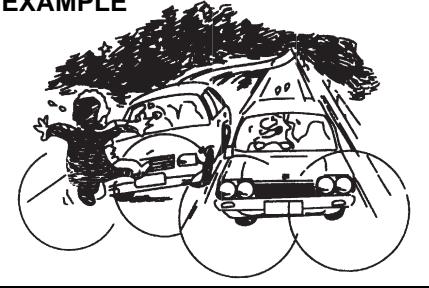
**Long Distance Driving**

- 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**

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

### EXAMPLE



72F-08-021

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

### Margin for safety

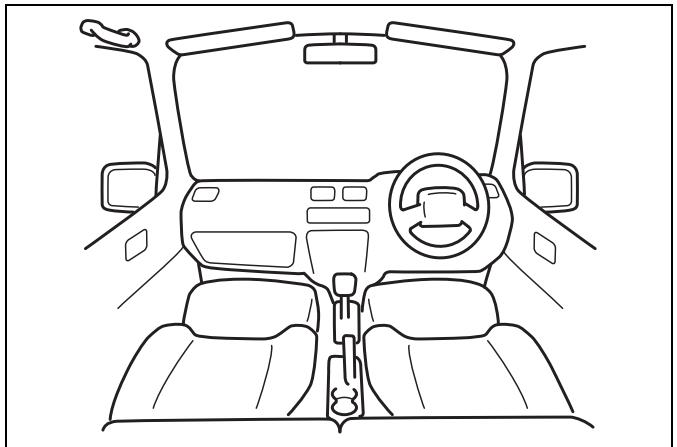
It is important to allow yourself a margin for safety during driving so that you can cope with erroneous or unexpected driving of other drivers. For that, observe the following.

- 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 dont's listed, and driving will never be the same again.**

## OTHER CONTROLS AND EQUIPMENT



60G407

Fuel filler cap .....	5-1
Engine hood .....	5-2
Sun visor .....	5-4
Interior light .....	5-4
Accessory socket (if equipped) .....	5-5
AUX/USB socket (if equipped) .....	5-6
Assist grips .....	5-6
Glove box .....	5-7
Cup holder and storage area .....	5-7
Luggage compartment cover (if equipped) .....	5-8
Frame hooks .....	5-9
Heating and air conditioning system (if equipped).....	5-12
Manual heating and air conditioning system (if equipped) ...	5-13
Radio antenna (if equipped) .....	5-17
Installation of radio frequency transmitters .....	5-17
Audio system (if equipped) .....	5-18
Audio function (if equipped) .....	5-55
Remote audio controls (if equipped) .....	5-55

## OTHER CONTROLS AND EQUIPMENT

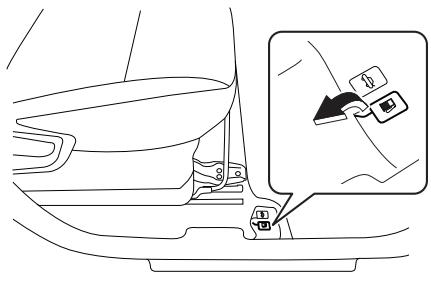
### Fuel filler cap

#### EXAMPLE



55T05001

#### EXAMPLE



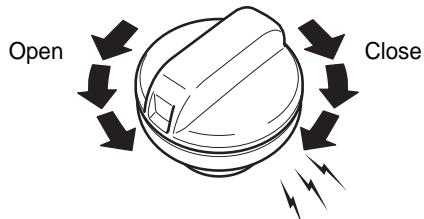
62SM05005

The fuel filler cap is located on the left rear side of the vehicle. The fuel filler door can be unlocked by pulling up the opener lever located on the outboard side of the driver's seat and locked by simply closing the door.

#### CAUTION

**Do not step over the release lever to avoid any damage.**

#### EXAMPLE



57L51093

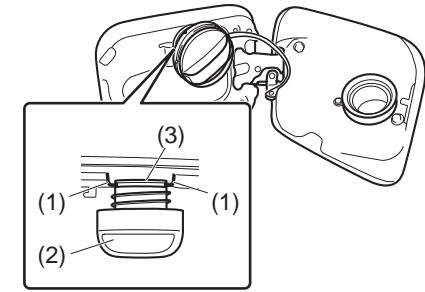
To remove the fuel filler cap:

- 1) Stop the engine and close all the doors and window while refueling.
- 2) Open the fuel filler door.
- 3) Remove the cap by turning it counter-clockwise.

#### CAUTION

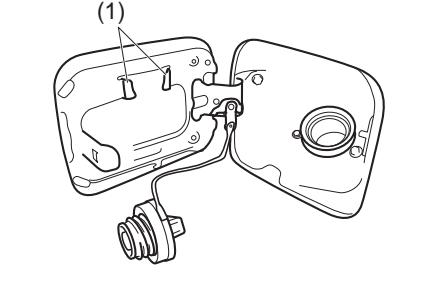
**Remove the fuel filler cap slowly. The fuel may be under pressure and may spray out, causing injury.**

#### EXAMPLE



53TM05028

#### EXAMPLE



53TM05029

**NOTE:**

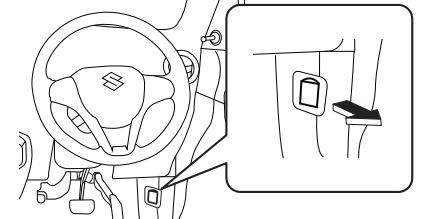
The cap holder (1) holds the fuel filler cap (2) by hooking the groove (3), or the hook (4) also holds the fuel filler cap when refueling.

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 check that there are no open flames or sparks in the area.
- 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 in the event of an accident.

**Engine hood****EXAMPLE**

62SM05008

To open the engine hood:

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

**! 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.

(Continued)

**! WARNING**

(Continued)

- 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**

53T05002

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

## OTHER CONTROLS AND EQUIPMENT

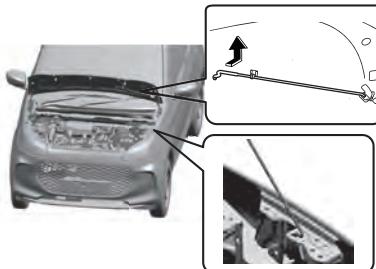
### ⚠ CAUTION

The release lever and its peripheral or engine hood can be hot enough to burn your finger right after driving. Touch the lever after it becomes cool enough.

### 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



53T05003

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

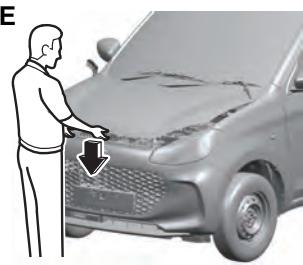
### ⚠ CAUTION

- The prop rod and its peripheral can be hot enough to burn your finger right after driving. Touch the rod after it becomes cool enough.
- Insert the end of the rod into the hole securely. If the rod 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 into the holding clip.

### EXAMPLE



53T05004

- 2) Lower the hood to about 20 cm above the hood latch, and then let it drop down. Check that the hood is securely latched after closing.

### ⚠ WARNING

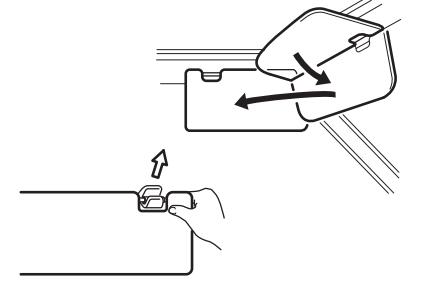
Check that the hood is fully closed and latched before driving. If it is not, it can fly up unexpectedly during driving, obstructing your view and resulting in an accident.

### ⚠ 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 the hood from the top may damage it.

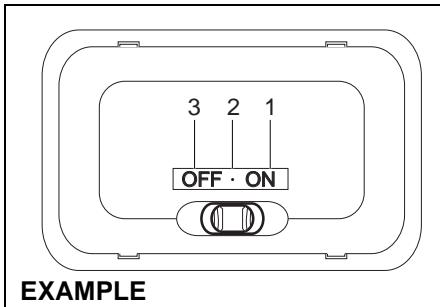
**Sun visor****EXAMPLE**

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 from near the hook as shown in figure or the sun visor can be damaged.**

**Interior light**

62SM05010

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.

**DOOR (2)**

- The light comes on while any of the doors (excluding the tailgate) is opened. For about 15 seconds after all doors are closed, the light will remain on and then fade out (if equipped).
- If all doors are closed, the light comes on for about 15 seconds when the ignition key is pulled out from the ignition switch. After 15 seconds, the light will fade out.
- The light will be automatically turned off to save the battery when the following conditions are simultaneously met.
  - The ignition switch is in "LOCK" position.
  - A period of 15 minutes has elapsed after any of the doors (excluding the tailgate) is opened and other operations are not done (if equipped).

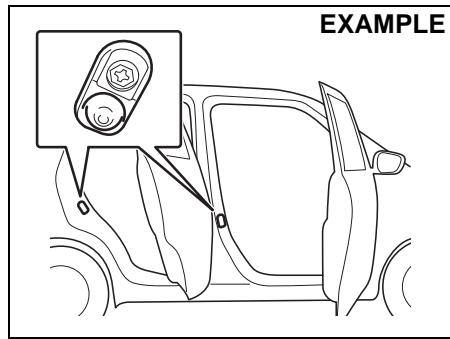
If you perform any of the following procedures before the light fading out, the light will start to fade out immediately.

- Inserting the ignition key into the ignition switch
- Locking all doors by operating the key, keyless entry transmitter or lock knob.

**OFF (3)**

The light remains off even when the door is opened.

## OTHER CONTROLS AND EQUIPMENT

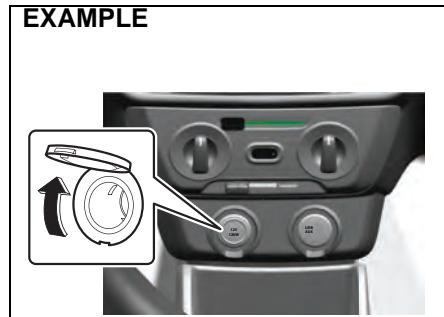


69RH093

### 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 protrusion) at the door opening as shown, the door is involved in the lighting operation.

### Accessory socket (if equipped)



53T05010

The accessory socket will work when the ignition switch is in "ACC" or "ON" position. This can be used to provide 12 volt/120 watt/10 ampere power for electrical accessories.

### NOTICE

- Use of inappropriate electrical accessories can cause damage to your vehicle's electrical system. Make sure that any electrical accessories you use are designed to plug into this type of socket.
- 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.

## AUX/USB socket (if equipped)

### Type A



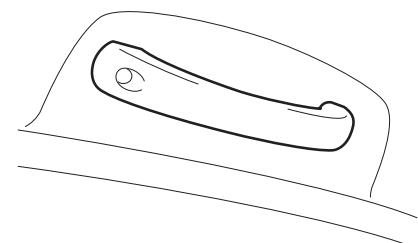
53T05011

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.**

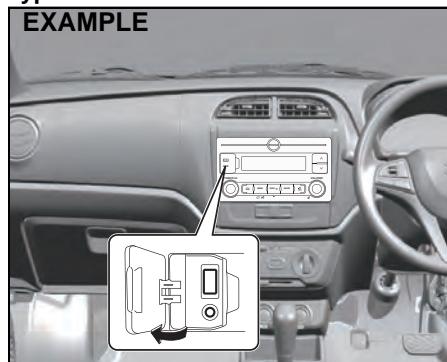
## Assist grips

**EXAMPLE**

76MH0A072

Assist grips are provided for convenience.

### Type B



53T05012

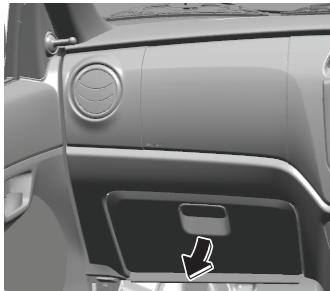
**NOTICE**

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

## OTHER CONTROLS AND EQUIPMENT

### Glove box

#### EXAMPLE



53TM05023

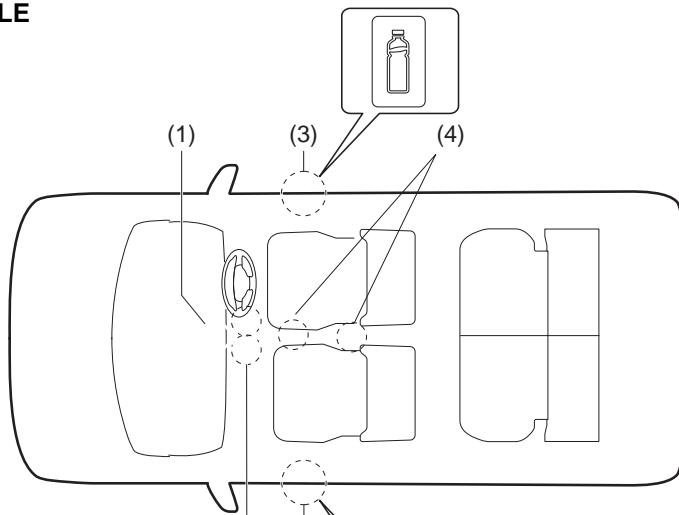
To open the glove box, pull the latch lever.  
To close it, push the lid until it latches securely.

#### ⚠ WARNING

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

### Cup holder and storage area

#### EXAMPLE



62SM05014

(1) Center console tray  
(2) Front cup holder

(3) Front bottle holder  
(4) Utility spaces

## Center console tray (1)

### ⚠ WARNING

**Do not place any objects which may fall out from the pocket when the vehicle is moving.**

Failure to take the precaution may result in an object interfering with the pedals and causing a loss of vehicle control or an accident.

## Front cup holder (2)

Use the front cup holder to put a cup with a lid. Also, you can put small articles in the front cup holder.

## Front bottle holder (3)

You should only place a bottle with a cap in the holder.

## Utility Spaces (4)

You can put small articles in the utility space.

### ⚠ WARNING

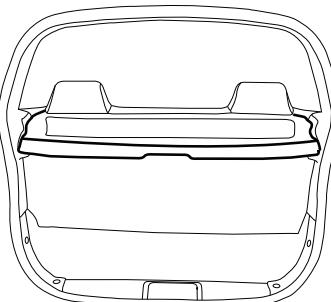
Failure to take the precautions listed below could cause personal injury or vehicle damage.

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

### NOTE:

*Maruti Suzuki recommends to use maximum 1 liter capacity of bottle.*

## Luggage compartment cover (if equipped)



### EXAMPLE

62SM05031

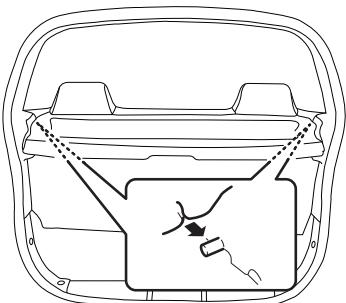
Luggage or other cargo placed in the luggage compartment is hidden from view by a luggage compartment cover.

### ⚠ WARNING

**Do not carry items on top of the luggage compartment cover, even if they are small and light. Objects on top of the cover could be thrown out in an accident, causing injury, or could obstruct the driver's rear view.**

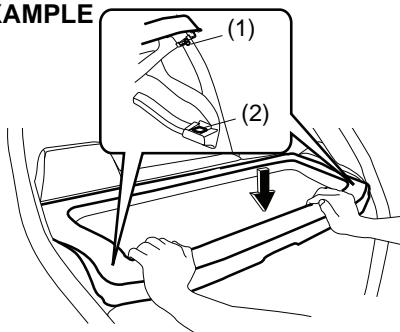
## OTHER CONTROLS AND EQUIPMENT

### EXAMPLE



62SM05037

### EXAMPLE



62SM05034

While closing luggage compartment cover, ensure that snap (1) locks in the latch (2) provided on the trim.

For locking the snap (1) in the latch (2), press the luggage compartment cover gently as shown in figure.

#### ! WARNING

Do not carry objects that extend higher than top of seatbacks. Objects that extend higher than top of seatbacks will obstruct the driver's rear view and may cause an accident. These objects may also get damaged or may damage the tailgate.

### Frame hooks

It is not recommended that you use the frame hooks for towing another vehicle. They are 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 the "EMERGENCY SERVICE" section.

#### ! WARNING

Observe the following instructions when using frame hooks. The towing hook or vehicle body may break and cause serious injury or damage:

- Do not use the frame hooks for towing another vehicle.
- Avoid pulling the vehicle to get out of severe snowy, muddy or sandy conditions, sudden starts or erratic driving maneuvers which could cause excessive stress on the towing hook.

In such case, we recommend that you contact a professional service.

## Front

**EXAMPLE**

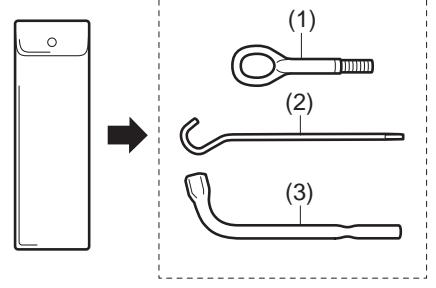
53T05005

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

**NOTICE**

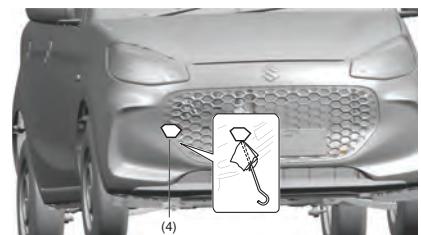
To prevent damage to the vehicle never use the towing eye (1) for trailer/ train shipping purpose.

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

**EXAMPLE**

69RH197

- Pick up the towing hook (1), jack handle (2) and wheel wrench (3).

**EXAMPLE**

53T05006

- Remove the cover (4) by using a jack handle (2) covered with a soft cloth as shown in the illustration.

**NOTE:**

*Do not use excessive force as it may damage the cover strap.*

**EXAMPLE**

53T05005

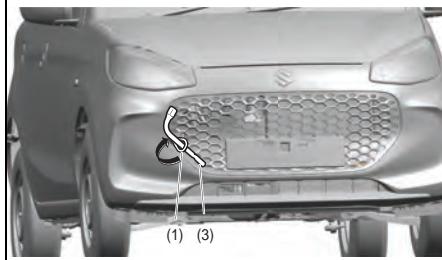
- Install the towing hook (1) by hand.

**NOTE:**

*We recommend to fasten the cover with tape to prevent damage during towing.*

## OTHER CONTROLS AND EQUIPMENT

### EXAMPLE



53T05007

- 4) To tighten the towing hook (1), turn it clockwise by using a wheel wrench (3) until the towing hook (1) is securely installed.

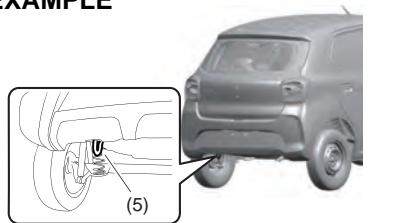
### ! WARNING

Use extreme caution when you use the towing eye (1). Avoid pulling the vehicle to get out of severe snowy, muddy or sandy conditions, sudden starts or erratic driving maneuvers which would give excessive stress on the towing eye. The towing eye or vehicle body may break and cause serious injury or damage.

To remove the towing hook (1), reverse the installation procedure.

### Rear

### EXAMPLE



53T05008

The frame hook (5) is provided on the rear of the vehicle for use in emergency situations and sea shipping purposes only.

### NOTICE

When you use the frame hook (5), avoid the driving that gives significant physical shock on hook. Such operation can damage the hook, the vehicle body or the drive system.

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

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

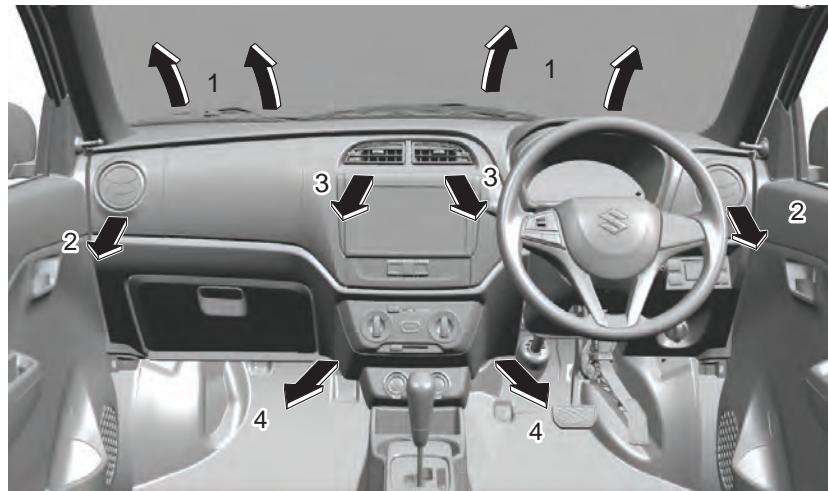
### NOTICE

- Your vehicle was originally designed to carry people and a normal amount of cargo, not to tow a trailer.
- The frame hook (5) is provided on the rear of the vehicle for use in sea shipping purposes only. Do not use the frame hook for towing another vehicle, being towed by another vehicle or transporting your vehicle by a car carrier trailer, etc. Otherwise, the frame hook or the vehicle body may break and cause serious injury or damage.

## Heating and air conditioning system (if equipped)

### Air outlet

#### EXAMPLE

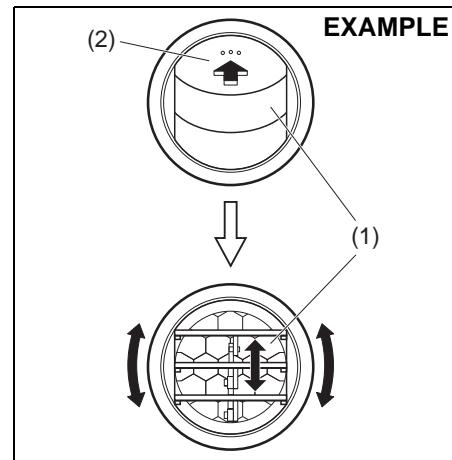


53T05009

1. Windshield defroster outlet
2. Side outlet

3. Center outlet
4. Floor outlet

### Side outlet



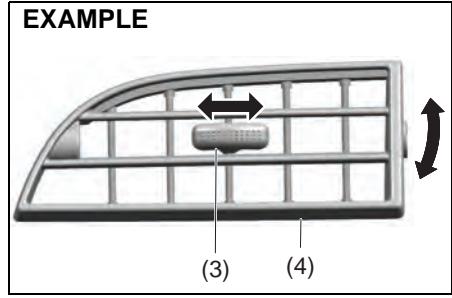
62SM05017

To open the louver (1), push the arrow part (2) as shown in the illustration. To adjust the direction of the air flow, move up or down or turn the opened louver (1).

## OTHER CONTROLS AND EQUIPMENT

### Center outlet

#### EXAMPLE



53TM05025

Move the knob (3) horizontally or the case (4) vertically to adjust the direction of airflow as desired.

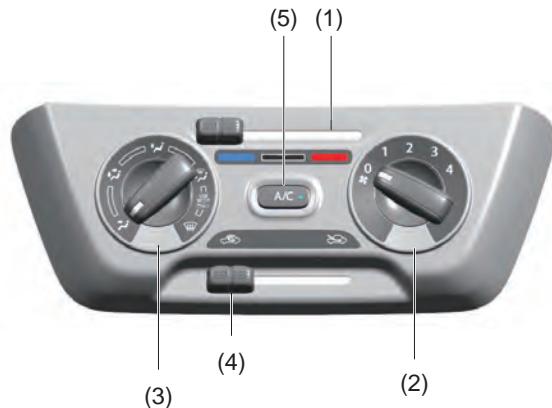
#### CAUTION

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

### Manual heating and air conditioning system (if equipped)

#### Description of controls

#### EXAMPLE



53TM05026

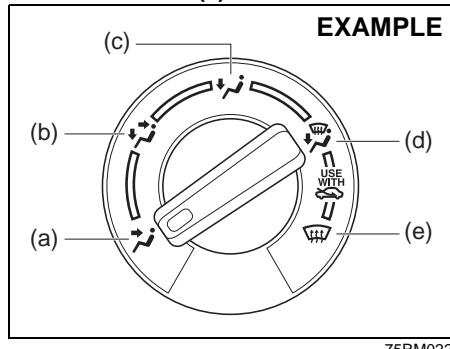
#### Temperature selector (1)

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 flow selector (3)



#### EXAMPLE

This selector is used to select the following mode.

#### VENTILATION (a)



53TM05014

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

### BI-LEVEL (b)

#### EXAMPLE



53TM05015

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

### HEAT (c)

#### EXAMPLE



53TM05016

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

### HEAT & DEFROST (d)

#### EXAMPLE

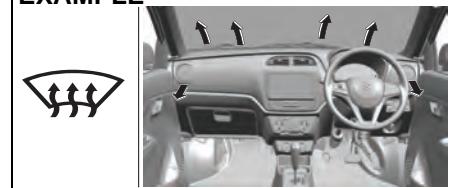


53TM05017

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

#### DEFROST (e)

#### EXAMPLE



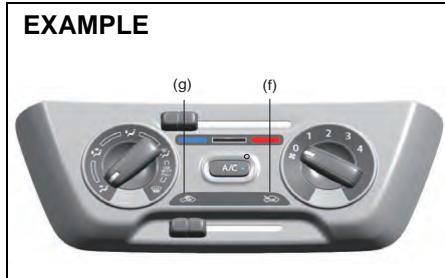
53TM05018

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

## OTHER CONTROLS AND EQUIPMENT

### Air intake selector (4)

#### EXAMPLE



This selector is used to select the following modes.

#### FRESH AIR (f)

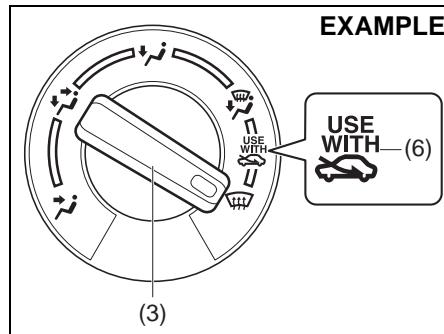
When this mode is selected by moving the lever to right, outside air is used.

#### RECIRCULATED AIR (g)

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 or to reduce unwanted odor from entering the vehicle.

#### NOTE:

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



#### NOTE:

The mark of "USE WITH" (6)

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

### Air conditioning switch (if equipped) (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 on. 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 control settings are the same as for natural ventilation except you set the blower speed selector to a position other than off.

**Normal heating (using outside air)**

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

**Quick heating (using recirculated air)**

The control settings are the same as for normal heating except you select RECIRCULATED AIR. If you use this heating method for an extended period of time, the air in the vehicle may become contaminated and the windows can become misty. Therefore, use this method only for quick heating and change to the normal heating method as soon as possible.

**Head cooled/Feet warmed heating**

Select 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 (if equipped).

Setting the blower speed selector to a higher blower speed position increases cooling efficiency.

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

**Quick cooling (using recirculated air)**

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

**NOTE:**

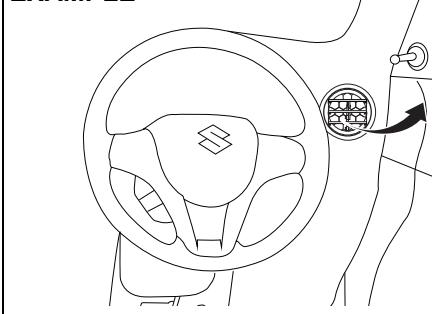
- If you select RECIRCULATED AIR for an extended period of time, the air in the vehicle may become contaminated and the windows tend to get misted. Therefore, you should occasionally select FRESH AIR.
- If your vehicle has been left in the sun with the windows closed, it will cool faster if you open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

**Dehumidifying**

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 (if equipped).

**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.

**EXAMPLE**

53TM05020

**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 (if equipped), and
- adjust the side outlets so the air blows on the side windows.

## OTHER CONTROLS AND EQUIPMENT

### Maintenance

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

#### NOTE:

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

#### NOTICE

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

### Radio antenna (if equipped)

EXAMPLE



69RH201

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.

#### NOTE:

Adjust the antenna angle to maximum for optimum radio reception.

#### NOTICE

To avoid damage to the radio antenna:

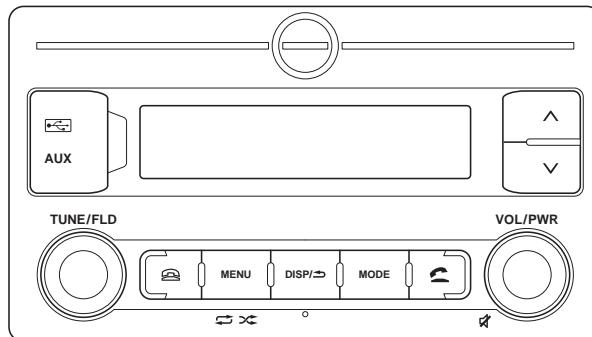
- Remove the antenna when using an automatic car wash.
- Remove the antenna when the antenna hits anything such as a low ceiling in a parking garage or putting a car cover over your vehicle.
- If radio antenna angle is kept in lower position. There is possibility of antenna hitting the roof while driving. Adjust the antenna angle to maximum.

### 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 (if equipped)**

**EXAMPLE**



69RM05009

**NOTE:**

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

## OTHER CONTROLS AND EQUIPMENT

### Safety information

#### WARNING

If you pay too much attention to operating the audio system or viewing the audio system display while driving, an accident can occur. If you set the sound volume too loud, it could prevent you from being aware of road and traffic conditions.

- Keep your eyes on the road and your mind on the drive. Avoid paying too much attention to operating the audio system or viewing the audio system display.
- Familiarize yourself with the audio system controls and operation of the audio system before driving.
- Preset your favorite radio stations before driving so that you can quickly tune to them using the presets.
- Set the sound volume to a level that will allow you to continue to be aware of road and traffic conditions while driving.

#### NOTICE

- Avoid spraying or spilling of clearing solutions, perfumes, car fresheners, beverages, chemicals or any liquids on the audio system surface. Also ensure that any liquid does not enter the system, it can damage the screen and the system. The warranty of the system will be void, if liquid ingress marks are observed inside the system.
- Avoid exposure of the audio system to water or excessive moisture as it can cause electric shocks, fire or other damages.

### Open source definition

This Product includes following open source software.

mbedtls version 2.5.1

Copyright © 2006–2015, ARM Limited,  
All Rights Reserved  
SPDX-License-Identifier: Apache-2.0

Licensed under the Apache License, Version 2.0 (the “License”); you may not use this file except in compliance with the License.

You may obtain a copy of the License at  
<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed

under the License is on an “AS IS” BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for specific language governing permissions and limitations under the License.

This file is part of mbed TLS (<https://tls.mbed.org>)

Please be noted that a portion of this software is made by changing or modifying original source files.

#### Bluetooth®

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

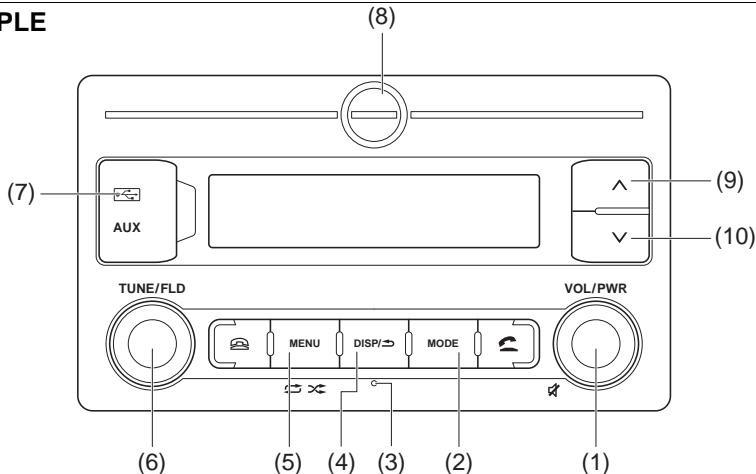
#### **Stop using this unit and a Bluetooth® ready device whenever requested.**

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

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

## Basic operations

### EXAMPLE



69RM05001

- (1) "VOL/PWR" knob
- (2) "MODE" button
- (3) MICROPHONE (for handsfree)
- (4) "DISP/BACK" button
- (5) "MENU" button
- (6) "TUNE/FLD" knob
- (7) USB/AUX
- (8) SMARTPHONE DOCK CAP\*
- (9) UP button
- (10) DOWN button

\* To open SMARTPHONE DOCK CAP (8), use the cap opener provided in MGA "SMARTPHONE DOCK". Opening of SMARTPHONE DOCK CAP with any external object may cause damage to CAP.

### Turning on/off power

Press "VOL/PWR" knob (1) to turn on the power. The unit starts to operate in the previous mode that the power was turned off.

- To turn off the power, press and hold "VOL/PWR" knob (1) for about 2 seconds.

### Adjusting the volume

Turn "VOL/PWR" knob (1).

- Turning it clockwise increases the volume.
- Turning it counterclockwise decreases the volume.

### Mute

- Press "VOL/PWR" knob(1) to mute the sound.
- To cancel mute, press any button.

### NOTE:

*For the purpose of safe driving, adjust the audio volume to a level that allows you to hear sounds outside of the vehicle including car horns and particularly emergency vehicle sirens.*

### Display & Back setting

Press "DISP/BACK" button (4) to go back to the previous display when a list or menu screen is displayed.

On long pressing "DISP/BACK" button (4), tuner display will be turned OFF. However all operations such as media playing etc will be active. Display will be turned ON by pressing any button on audio unit, steering

## OTHER CONTROLS AND EQUIPMENT

switches or any other interrupt such as handsfree calling etc.

### Sound settings

- 1) Press "MENU" button (5). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (6) to select "Sound Settings", and press the knob (6) to determine the selection.
- 3) Turn "TUNE/FLD" knob (6) to select one of the settings as follows, and press the knob (6) to determine the selection.

Equalizer  
↓  
Bass  
↓  
Treble  
↓  
Balance  
↓  
Fader  
↓  
AVC  
↓  
Speaker Configuration

### Equalizer

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

- 1) Turn "TUNE/FLD" knob (6) to select "Equalizer", and press the knob (6) to determine the selection.
- 2) Turn "TUNE/FLD" knob (6) to select one of the settings as follows, and press the knob (6) to determine the selection.

Flat  
↓  
Classic  
↓  
Jazz  
↓  
Rock  
↓  
Hip-Hop  
↓  
Pop  
↓  
Custom

#### NOTE:

- When you select "Custom", the sound curve can be adjusted as your preference. Turn "TUNE/FLD" knob (6) to adjust values of sound, and press the knob (6) to determine the selection.
- ">> <<" mark appears at both left and right ends of the currently selected equalizer.

### Adjusting bass/treble/balance/fader

- 1) Turn "TUNE/FLD" knob (6) to select "Bass", "Treble", "Balance" or "Fader", and press the knob (6) to determine the selection.
  - 2) Turn "TUNE/FLD" knob (6) to adjust the sound, and press the knob (6) to determine the selection.
- "Bass" / "Treble":
    - Can be adjusted in levels -6 to 0 to +6.
    - Turn "TUNE/FLD" knob (6) clockwise to increase the frequency & counter clockwise to decrease the frequency.
  - "Balance":
    - Can be adjusted in 9 level left to right.
    - Turn "TUNE/FLD" knob (6) clockwise to emphasize the right speaker, and turn the knob (6) counterclockwise to emphasize the left speaker.
  - "Fader":
    - Can be adjusted in 9 level back to front.
    - Turn "TUNE/FLD" knob (6) clockwise to emphasize the front speaker, and turn the knob (6) counterclockwise to emphasize the rear speaker (if equipped).

#### NOTE:

When you adjust to emphasize the rear speakers, sound output may fade out completely in case vehicle is not equipped with rear speakers.

### 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 four selectable levels (LEVEL OFF, 1, 2, 3). The level of volume adjustment increases together with the LEVEL number.

- 1) Turn "TUNE/FLD" knob (6) to select "AVC", and press the knob (6) to determine the selection.
- 2) Turn "TUNE/FLD" knob (6) to adjust the level, and press the knob (6) to determine the selection.

### Adjusting the sound parameters as per speaker configuration

- 1) Turn "TUNE/FLD" knob (6) to select "Speaker Configuration", and press the knob (6) to determine the selection.
  - 2) Turn "TUNE/FLD" knob (6) to select "2SPK" or "4SPK", and press the knob (6) to determine the selection.
- "2SPK": Sound is generated from the front speakers.
  - "4SPK" (if equipped): Sound is generated from the all speakers.

#### NOTE:

For optimal sound experience, ensure that speaker configuration is selected as per the actual speakers present in the vehicle.

### System settings

- 1) Press "MENU" button (5). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (6) to select "System Settings", and press the knob (6) to determine the selection.
- 3) Turn "TUNE/FLD" knob (6) to select one of the settings as follows, and press the knob (6) to determine the selection.

```
Beep
  ↓
Security
  ↓
Initialize
  ↓
Vehicle Alerts
  ↓
Reverse Warning Priority
  ↓
Auto Scroll
  ↓
RDS
  ↓
SmartPhone APP
```

### Beep on/off

Beep sound is activated when error message is displayed or during operations of few button.

Beep setting can be turned on or off through the following steps:

- 1) Turn "TUNE/FLD" knob (6) to select "Beep".
- 2) Press "TUNE/FLD" knob (6) to select "ON" or "OFF".

### Security setting

Refer to "Anti-theft feature" later in this section.

### Initialize setting

You can delete the registered Bluetooth® device information.

- 1) Turn "TUNE/FLD" knob (6) to select "Initialize", and press the knob (6) to determine the selection.
- 2) Turn "TUNE/FLD" knob (6) to select "Reset BT", and press the knob (6) to determine the selection.
- 3) Turn "TUNE/FLD" knob (6) to select "YES", and press the knob (6) to determine the selection for resetting.

## OTHER CONTROLS AND EQUIPMENT

### Vehicle alerts setting

You can turn on or off the warning indications related to vehicle system using this setting. By default, this setting is ON for all alerts.

- 1) Turn "TUNE/FLD" knob (6) to select "Vehicle Alerts", and press the knob (6) to determine the selection.
- 2) Turn "TUNE/FLD" knob (6) to select one of the settings as follows, and press the knob (6) to determine the selection.



- 3) Press "TUNE/FLD" knob (6) to select "ON" or "OFF".
- 4) Following are the warning display related to vehicle system:

- "Parking Brake Engaged":

This message will appear when the vehicle is moved without releasing the parking brake. Check that parking brake is fully released.

- "Seat Belt Open":

This message will appear when the vehicle is moving and driver has not fastened his seat belt.

- "Door Open":

This message will appear when any door (except tailgate) is open when the vehicle is moving.

- "Low Fuel":

This message will appear to remind to fill the fuel. Fill the fuel immediately.

**NOTE:**

*If you push "DISP/BACK" button (4) while the warning and indicator messages is displayed, the indication will disappear.*

### Reverse warning priority setting

On applying reverse, volume of audio system gets lowered. By default, this setting is ON. This setting can be turned on or off through the following steps:

- 1) Turn "TUNE/FLD" knob (6) to select "Reverse Warning Priority", and press the knob (6) to determine the selection.
- 2) Turn "TUNE/FLD" knob (6) to select "No" or "Yes", and press the knob (6) to determine the selection.

### Auto scroll setting

Auto scroll setting is ON by default.

When playing the media files, if the files text contains more characters, ">" mark will appear at the right end up the display screen and the display changes to the next set of characters automatically.

- 1) Turn "TUNE/FLD" knob (6) to select "Auto Scroll".
- 2) Press "TUNE/FLD" knob (6) to select "ON" or "OFF".

### RDS (Radio Data System) setting

Enabling this setting displays the messages transmitted by FM station. This setting is ON by default. You can choose to turn ON/OFF this setting through the following steps:

- 1) Turn "TUNE/FLD" knob (6) to select "RDS".
- 2) Press "TUNE/FLD" knob (6) to select "ON" or "OFF".

**NOTE:**

- *Messages are displayed only when RDS signal is included in FM radio waves.*
- *The messages are displayed program service name only.*

### Smartphone app setting

Refer to section 5-49 for details about smartphone application.

Smartphone app can be used only when app setting is enable as ON.

Refer to "Suzuki Smartplay Dock application" later in this section for details.

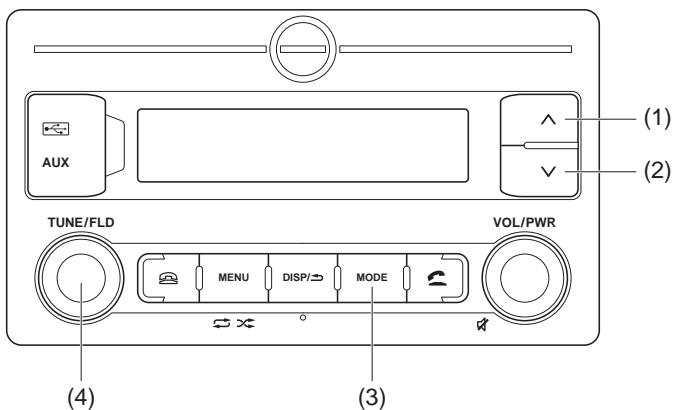
- 1) Turn "TUNE/FLD" knob (6) to select "SmartPhone APP".
- 2) Press "TUNE/FLD" knob (6) to select "ON" or "OFF".

**NOTE:**

*An Apple device can be connected in either Bluetooth® or iPod mode. Bluetooth® mode has higher priority over iPod Mode. In case, you want to connect the Apple device on iPod mode instead and change Smartphone app setting to "OFF".*

### Listening to the radio

#### EXAMPLE



69RH145

- (1) UP button
- (2) DOWN button
- (3) "MODE" button
- (4) "TUNE/FLD" knob

- (A) Frequency
- (B) Band
- (C) Auto store mode indication
- (D) RDS data

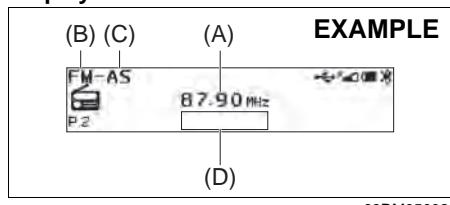
#### NOTE:

##### 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.

### Display



69RM05002

## OTHER CONTROLS AND EQUIPMENT

---

### Selecting the band

- 1) Press and hold "MODE" button (3) to change to the list of available modes.
- 2) Turn "TUNE/FLD" knob (4) to select "FM" or "AM", and press the knob (4) to determine the selection.

#### NOTE:

You can also switch the display in sequence by short pressing the "MODE" button (3).

### Seek tuning

Press and hold UP button (1) or DOWN button (2) to start searching.

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

### Manual tuning

Turn "TUNE/FLD" knob (4).

The frequency being received is displayed.

### Preset memory

- 1) Tune to the desired station.
- 2) Press "TUNE/FLD" knob (4) to change the display to the preset channel list.
- 3) To store the station, turn "TUNE/FLD" knob (4) to select one of the channels, and press and hold the knob (4) to determine the selection.
- 4) To select station from the preset channel list, press "TUNE/FLD" knob (4) to change the display to the preset channel list.

Turn "TUNE/FLD" knob (4) to select one of the channels, and press the knob (4) to determine the selection.

#### NOTE:

12 stations can be stored for FM, and 6 stations can be stored for AM.

In case a station is stored over an existing preset station, previous data will be overwritten.

### Auto store

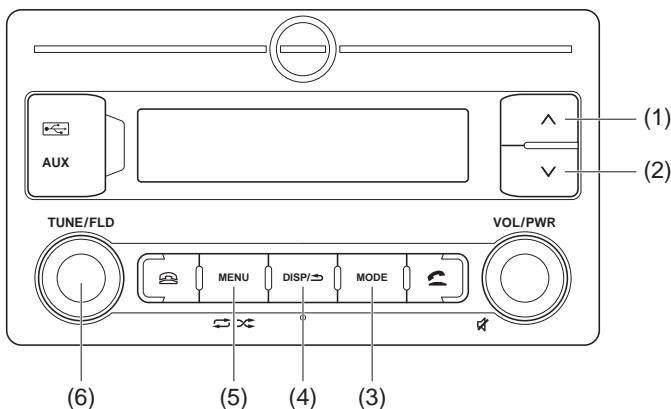
- 1) Press and hold "TUNE/FLD" knob (4) to start searching when in FM/AM mode. Some stations in good reception will automatically be stored to preset channel list in order, starting from a station whose frequency is the lowest.
- 2) To select station from the preset channel list, press "TUNE/FLD" knob (4) to change the display to the preset channel list while auto store mode indication (C) is displayed.

#### NOTE:

- Auto Store can be cancelled by pressing the "DISP/BACK" button.
- 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-AS, and 6 stations can be preset for AM-AS in auto store mode.

### Listening to files stored in a USB device

#### EXAMPLE



69RH146

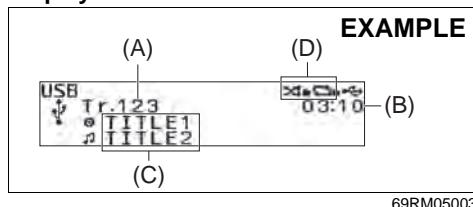
- (1) UP button
- (2) DOWN button
- (3) "MODE" button
- (4) "DISP/BACK" button
- (5) "MENU" button
- (6) "TUNE/FLD" knob

- (A) Track number
- (B) Play time
- (C) Current Active track information  
(if supported by audio device)
- (D) Repeat/Random status Indication

#### NOTICE

**Do not connect any USB device other than a USB memory or a USB audio player. Do not connect multiple USB devices to the USB connector using a USB hub, etc. Supplying power to multiple USB devices from the connector could cause overheating, smoke and permanent damage to audio system.**

#### Display



69RM05003

## OTHER CONTROLS AND EQUIPMENT

### Selecting a USB device mode

- 1) Press and hold "MODE" button (3) to change the display.
- 2) Turn "TUNE/FLD" knob (6) to select "USB", and press the knob (6) to determine the selection.

#### NOTE:

You can also switch the display in sequence by short pressing the "MODE" button (3).

### Selecting a folder

Press twice "TUNE/FLD" (6) knob and then turn "TUNE/FLD" (6) to select the desired folder.

### Selecting a track

- Press UP button (1) to listen to the next track.
- Press DOWN button (2) twice to listen to the previous track.

When DOWN button (2) is pressed once, the track currently being played will start from the beginning again.

### Fast forwarding/rewinding a track

- Press and hold UP button (1) to fast forward the track.
- Press and hold DOWN button (2) to fast rewind the track.
- Releasing the button can stop the fast forwarding/rewinding.

### Repeat playback

- 1) Press and hold "MENU" button (5) to change the display.
- 2) Turn "TUNE/FLD" knob (6) to select "Repeat".
- 3) Press and rotate "TUNE/FLD" knob (6) to select one of the settings as below and then press "TUNE/FLD" knob (6) to determine selection.



- FILE  
The track currently being played will be played repeatedly.
- FOLDER  
All the tracks in the folder currently selected will be played repeatedly.

### Random playback

- 1) Press and hold "MENU" button (5) to change the display.
- 2) Turn "TUNE/FLD" knob (6) to select "Random".
- 3) Press and rotate "TUNE/FLD" knob (6) to select one of the settings as below and then press "TUNE/FLD" knob (6) to determine selection.



- FOLDER

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

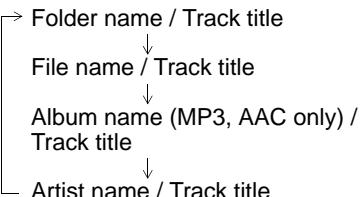
- ALL

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

### Display change

Press "DISP/BACK" button (4).

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



#### NOTE:

- "**"NO TITLE"** will be displayed when there is no text information in the file currently being played.
- If text data contains more characters than the display area, ">" mark will appear at the right end.

### 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 16/32, VFAT (supporting long file name)
- USB standard compatibility  
1.1/2.0 full speed
- Maximum current less than 2.1 A
- 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 and 'USB READ ERROR' message may be displayed.

### USB device connection

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

### Playing 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.

## OTHER CONTROLS AND EQUIPMENT

---

### Compatible 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

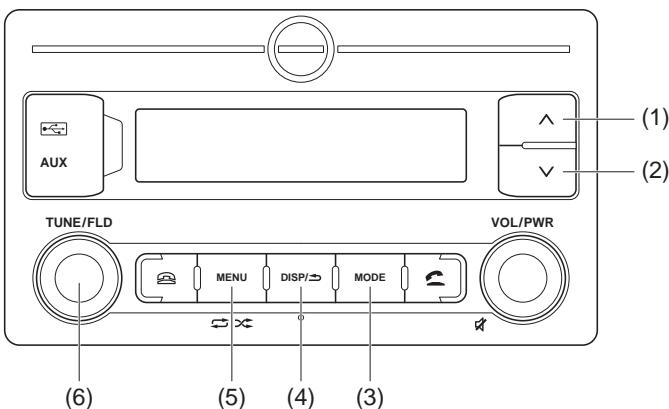
- Maximum number of files: 2500
- Maximum number of files in a folder: 255
- Maximum number of folders: 255
  - Root folder and empty folder are included.
- Maximum depth of tree structure: 8

#### 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.

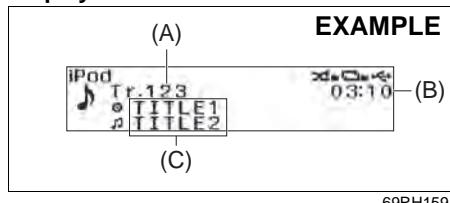
### Listening to an iPod

#### EXAMPLE



69RH146

#### Display



69RH159

- (1) UP button
- (2) DOWN button
- (3) "MODE" button
- (4) "DISP/BACK" button
- (5) "MENU" button
- (6) "TUNE/FLD" knob

- (A) Track number
- (B) Play time
- (C) Current Active track information  
(if supported by audio device)

#### Selecting an iPod mode

- 1) Press and hold "MODE" button (3) to change the display.
- 2) Turn "TUNE/FLD" knob (6) to select "iPod", and press the knob (6) to determine the selection.

#### NOTE:

You can also switch the display in sequence by short pressing the "MODE" button (3).

#### Selecting a track

- Press UP button (1) to listen to the next track.
- Press DOWN button (2) twice to listen to the previous track.  
When DOWN button (2) is pressed once, the track currently being played will start from the beginning again.

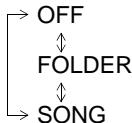
## OTHER CONTROLS AND EQUIPMENT

### Fast forwarding/rewinding a track

- Press and hold UP button (1) to fast forward the track.
- Press and hold DOWN button (2) to fast rewind the track.
- Releasing the button can stop the fast forwarding/rewinding.

### Repeat playback

- 1) Press and hold “MENU” button (5) to change the display.
- 2) Turn “TUNE/FLD” knob (6) to select “Repeat”.
- 3) Press “TUNE/FLD” knob (6) to select one of the settings as follows.



- **FOLDER**

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

- **SONG**

The track currently being played will be played repeatedly.

**NOTE:**

*Settings may be displayed depending on the model of iPod.*

### Random playback

- 1) Press and hold “MENU” button (5) to change the display.
- 2) Turn “TUNE/FLD” knob (6) to select “Random”.
- 3) Press “TUNE/FLD” knob (6) to select one of the settings as follows.



- **SONG**

The tracks in the iPod will be played in random order.

**NOTE:**

*Settings may be displayed depending on the model of iPod.*

### Display change

Press “DISP/BACK” button (4).

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



**NOTE:**

- “NO TITLE” will be displayed when there is no text information in the file currently being played.
- If text data contains more characters than the display area, “>” mark will appear at the right end.

### Selecting a category

Categories such as Artist, Album, Podcast, Genre, Audiobook, Playlist, Song may be displayed depending on the model of iPod.

- 1) Press and hold “TUNE/FLD” knob (6) to change the display.
- 2) Turn “TUNE/FLD” knob (6) to select one of the categories, and press the knob (6) to determine the selection.

### Notes on iPod/iPhone

#### Made for iPod/iPhone

- iPod touch (6th generation)\*
- iPod touch (5th generation)\*
- iPod nano (7th generation)\*
- iPhone 8 Plus
- iPhone 8
- iPhone 7 Plus
- iPhone 7
- iPhone SE
- iPhone 6s Plus
- iPhone 6s
- iPhone 6 Plus
- iPhone 6
- iPhone 5s
- iPhone 5c
- iPhone 5

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

### iPod



- Made for Apple badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.
- Please note that the use of this accessory with an Apple product may affect wireless performance.
- Apple, iPod touch, iPod nano, iPhone, and Lightning are trademarks of Apple Inc., registered in the U.S. and other countries.

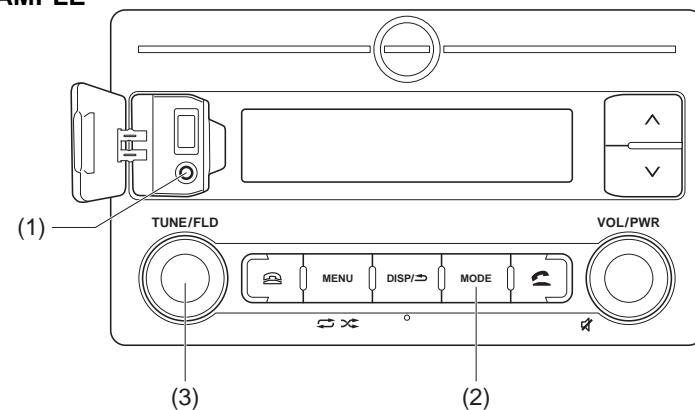
#### NOTE:

*Please do not connect iPod accessory such as iPod remote control or headphones while connecting the iPod with the unit. Unit may not operate correctly.*

## OTHER CONTROLS AND EQUIPMENT

### AUX function

#### EXAMPLE



- (1) AUX socket
- (2) "MODE" button
- (3) "TUNE/FLD" knob

69RH147

#### Display

#### EXAMPLE



69RH160

#### AUX connection

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

- 1) Connect the auxiliary audio source to the AUX socket (1) with an AUX cable.
- 2) Press and hold "MODE" button (2) to change the display.
- 3) Turn "TUNE/FLD" knob (3) to select "AUX", and press the knob (3) to determine the selection.

#### NOTE:

You can also switch the display in sequence by short pressing the "MODE" button (2).

### CAUTION

- Before connection, mute the unit, and also keep the volume of the auxiliary audio source within a range that will not cause distortion.
- When the audio source is turned off, noise may be emitted. Be sure to turn off the unit or switch to another mode before turning off the audio source.

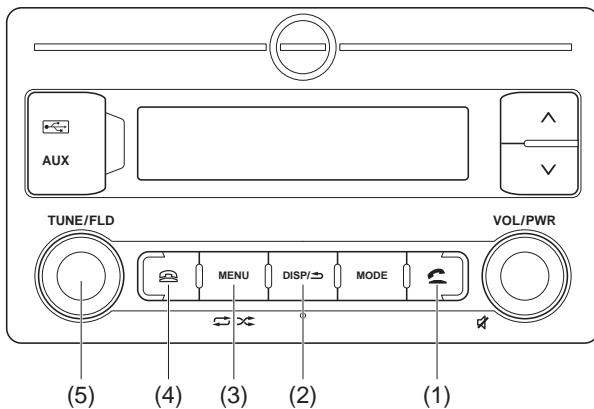
### NOTE:

- Please consult your place of purchase for details about whether a given auxiliary audio source can be connected and the proper auxiliary cord to use.
- The volume and tone controls of the auxiliary audio source can be adjusted on the unit.
- In AUX mode, the volume which is set is different from another mode.

## OTHER CONTROLS AND EQUIPMENT

### Setting of Bluetooth® devices

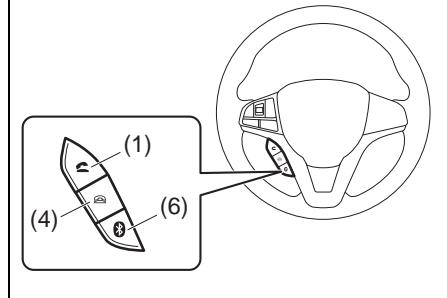
#### EXAMPLE



69RH185

### Steering switch (if equipped)

#### EXAMPLE



69RM05004

- (1) OFF HOOK button
- (2) "DISP/BACK" button
- (3) "MENU" button
- (4) ON HOOK button
- (5) "TUNE/FLD" button
- (6) Bluetooth® setting button

#### WARNING

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

Bluetooth® related settings can be entered only when the vehicle is in stationary condition.

**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:**

- Certain functions cannot be used depending on the Bluetooth® device.
- Refer to the instruction manual of your Bluetooth® device regarding the operation method of Bluetooth®.
- If the pairing cannot be established, the connection operation is canceled.

For the Bluetooth® device pairing method, refer to the instruction manual of your Bluetooth® device or try pairing again.

- 1) Press "MENU" button (3). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (5) to select "Bluetooth Settings", and press the knob (5) to determine the selection.
- 3) Turn "TUNE/FLD" knob (5) to select "Pairing", and press the knob (5) to determine the selection.
- 4) Turn "TUNE/FLD" knob (5) to select "Name & Passkey", and press the knob (5) to determine the selection.

**NOTE:**

If you have no Bluetooth® device to be registered, you can also switch the display to "Pairing Name" and "Passkey" at once by pressing the Bluetooth® setting button (6),

*OFF HOOK button (1) or ON HOOK button (4).*

- 5) 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.

**Selection from the Bluetooth® phone list**

The list of paired mobile phones is displayed and the various settings can be changed.

- 1) Press "MENU" button (3). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (5) to select "Bluetooth Settings", and press the knob (5) to determine the selection.
- 3) Turn "TUNE/FLD" knob (5) to select "Pairing", and press the knob (5) to determine the selection.

**NOTE:**

If you have the mobile phone which currently connected, you can also switch the display to "Pairing" at once by pressing the Bluetooth® setting button (6).

- 4) Turn "TUNE/FLD" knob (5) to select "Pairing Phone List", and press the knob (5) to determine the selection.
- 5) Turn "TUNE/FLD" knob (5) to select one of the registered mobile phones, and press the knob (5) to determine the selection.

**NOTE:**

">" mark appears at the left end of the currently connected mobile phone.

- 6) Turn "TUNE/FLD" knob (5) to select one of the settings as follows, and press the knob (5) to determine the selection.

- "Connect":

Connect a registered mobile phone.

- "Disconnect":

Disconnect a registered mobile phone.

- "Delete":

Delete a registered mobile phone.

**NOTE:**

If a device is deleted from phone list, it will be deleted from audio list as well.

## OTHER CONTROLS AND EQUIPMENT

---

### Selection from the Bluetooth® audio list

The list of paired Bluetooth® audio is displayed and the various settings can be changed.

- 1) Press "MENU" button (3). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (5) to select "Bluetooth Settings", and press the knob (5) to determine the selection.
- 3) Turn "TUNE/FLD" knob (5) to select "Pairing", and press the knob (5) to determine the selection.

#### NOTE:

If you have the Bluetooth® audio which currently connected, you can also switch the display to "Pairing" at once by pressing the Bluetooth® setting button (6).

- 4) Turn "TUNE/FLD" knob (5) to select "Pairing Audio List", and press the knob (5) to determine the selection.
- 5) Turn "TUNE/FLD" knob (5) to select one of the registered Bluetooth® audio devices, and press the knob (5) to determine the selection.

#### NOTE:

">>" mark appears at the left end of the currently connected Bluetooth® audio.

- 6) Turn "TUNE/FLD" knob (5) to select one of the settings as follows, and press the knob (5) to determine the selection.

- "Connect":

Connect a registered Bluetooth® audio.

- "Disconnect":  
Disconnect a registered Bluetooth® audio.
- "Delete":  
Delete a registered Bluetooth® audio.

#### NOTE:

If a device is deleted from audio list, it will be deleted from phone list as well.

### Managing paired devices

The devices paired with the audio unit can be managed from the "Bluetooth® settings" screen. You can connect one Bluetooth® device as audio and another Bluetooth® device as phone from registered Bluetooth® devices simultaneously.

### Change of passkey

- 1) Press "MENU" button (3). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (5) to select "Bluetooth Settings", and press the knob (5) to determine the selection.
- 3) Turn "TUNE/FLD" knob (5) to select "Pairing", and press the knob (5) to determine the selection.

#### NOTE:

If you have the Bluetooth® device which currently connected, you can also switch the display to "Pairing" at once by pressing the Bluetooth® setting button (6).

- 4) Turn "TUNE/FLD" knob (5) to select "Edit Passkey", and press the knob (5) to determine the selection.

- 5) Turn "TUNE/FLD" knob (5) to select a number for the first digit, and press the knob (5) to determine the selection. Select and determine numbers for from the second to fourth digits in order in the same manner.

- 6) Press "TUNE/FLD" knob (5) to determine the passkey setting.

### Automatic connection with the Bluetooth® device

If the "BT Power" is set to "ON", turning the ignition switch to "ON" position will automatically connect the registered Bluetooth® device.

- With the automatic connection, the Bluetooth® device that was connected last will be prioritized.
- 1) Press "MENU" button (3). Setup menu will be displayed.
  - 2) Turn "TUNE/FLD" knob (5) to select "Bluetooth Settings", and press the knob (5) to determine the selection.
  - 3) Turn "TUNE/FLD" knob (5) to select "Initial Settings", and press the knob (5) to determine the selection.
  - 4) Turn "TUNE/FLD" knob (5) to select "BT Power".
  - 5) Press "TUNE/FLD" knob (5) to select "ON" or "OFF".

#### NOTE:

• When "BT Power" is set to "OFF", the audio system disconnects from the registered Bluetooth® device.

- If "BT 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) Press "MENU" button (3). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (5) to select "Bluetooth Settings", and press the knob (5) to determine the selection.
- 3) Turn "TUNE/FLD" knob (5) to select "Pairing", and press the knob (5) to determine the selection.

#### NOTE:

If you have the Bluetooth® device which currently connected, you can also switch the display to "Pairing" at once by pressing the Bluetooth® setting button (6).

- 4) Turn "TUNE/FLD" knob (5) to select "Device Information", and press the knob (5) to determine the selection. The device name and address will be displayed.

#### Initialize Bluetooth® settings

It is possible to initialize the Bluetooth® settings.

#### CAUTION

- Do not initialize the settings while driving. Stop your vehicle in a safe area before initializing the device.
- Initialize with caution. Initialized settings cannot be restored.

- 1) Press "MENU" button (3). Setup menu will be displayed.
  - 2) Turn "TUNE/FLD" knob (5) to select "Bluetooth Settings", and press the knob (5) to determine the selection.
  - 3) Turn "TUNE/FLD" knob (5) to select "Initial Settings", and press the knob (5) to determine the selection.
  - 4) Turn "TUNE/FLD" knob (5) to select "Initialize BT", and press the knob (5) to determine the selection.
  - 5) Turn "TUNE/FLD" knob (5) to select "YES", and press the knob (5) to determine the selection.
- Items to be initialized to default value:
    - BT Power
    - Talk Volume
    - Ring Volume

#### Notes on Bluetooth®



73R0209

- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Panasonic Corporation is under license. Other trademarks and trade names are those of their respective owners.

This telecommunication equipment con-

forms 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)
- SPP (Serial Port Profile)

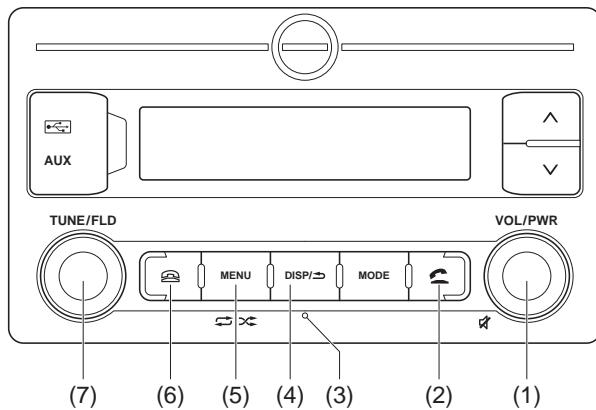
#### NOTE:

- After the Audio system is turned ON, it takes a few seconds to detect and set up Bluetooth® related settings.
- For Bluetooth related issues, unpair, restart your smartphone and try again.

## OTHER CONTROLS AND EQUIPMENT

### Bluetooth® hands-free

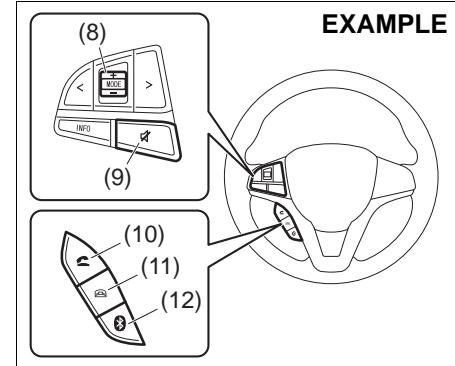
#### EXAMPLE



69RH187

### Steering switch (if equipped)

#### EXAMPLE



69RH188

- (1) "VOL/PWR" knob
- (2) OFF HOOK button (on audio)
- (3) Microphone
- (4) "DISP/BACK" button
- (5) "MENU" button
- (6) ON HOOK button (on audio)
- (7) "TUNE/FLD" knob
- (8) Volume button
- (9) Mute button
- (10) OFF HOOK button (on steering wheel)
- (11) ON HOOK button (on steering wheel)
- (12) Bluetooth® setting 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.
- Bluetooth®, phone battery level and network signal strength status are displayed only when a phone is connected to the system.
- The information depends on status received from the phone.
- The call, contact synchronization action is controlled from the smartphone.

To use the hands-free function with this unit, it is required to register the phone in advance.

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.
- Up to 30 phone numbers of the latest calls can be stored. (30 calls including missed, received and dialed call).
  - 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.
- When attempts to establish the pairing fail within 60 seconds, the connecting operation will be canceled. Try to establish the pairing again or refer to the manual of the phone in use for how to establish the pairing with the phone.

**Answer the phone**

Press OFF HOOK button (2) or (10).

- When you press the ON HOOK button (6) or (11) during an incoming call, you can block the call. (Only for compatible phone units)

## OTHER CONTROLS AND EQUIPMENT

---

### 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

When the call is finished, press the ON HOOK button (6) or (11).

### Call waiting

When a phone call is interrupted by a second call, it is possible to hold the current call and answer the other incoming call.

To talk to incoming call:

- Press the OFF HOOK button (10) or (2). The current call will be put on hold.
- Every time you press OFF HOOK button (10) or (2), the phone call will be switched to the call which was put on hold.
- When the current call is completed, the call which was put on hold will connect.

To refuse the incoming call:

- Press the ON-HOOK button (11) or (6).

### NOTE:

This function can only be used with phone units that are compatible with call waiting.

### Move call to Private mode

If you wish to move a call to private mode, press the "DISP/BACK" button (4). To move the call back to Handsfree mode, press the OFF/ON hook button.

### Move call to Handsfree mode

If you wish to move the call back to Hands-free Mode, press the "ON/OFF HOOK" button.

### Mute the reception volume

Press "VOL/PWR" knob (1) or mute button (9).

- To deactivate the mute volume, press "VOL/PWR" knob (1) or mute button (9) again.

### Adjust the reception volume

- Turn "VOL/PWR" knob (1) during a call. Turning it clockwise increases the volume; turning it counterclockwise decreases the volume.
- Press volume button (8) during a call. Pressing the button up increases the volume; pressing the button down decreases the volume.

### NOTE:

The volume and microphone sensitivity settings vary depending on the specifications of each mobile phone.

### Adjust the ringtone volume

- Turn "VOL/PWR" knob (1) during an incoming call. Turning it clockwise increases the volume; turning it counterclockwise decreases the volume.
- Press volume button (8) during an incoming call. Pressing the button up increases the volume; pressing the button down decreases the volume.

### Adjust the volume with the Bluetooth® settings

- 1) Press "MENU" button (5). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (7) to select "Bluetooth Settings", and press the knob (7) to determine the selection.
- 3) Turn "TUNE/FLD" knob (7) to select "Initial Settings", and press the knob (7) to determine the selection.
- 4) Turn "TUNE/FLD" knob (7) to select "Talk volume" or "Ring volume", and press the knob (7) to determine the selection.
- 5) Turn "TUNE/FLD" knob (7) to adjust the volume, and press the knob (7) to determine the selection.

### Make a call

Press the OFF HOOK button (2) or (10) to enter the telephone mode.

### Use the phonebook

- 1) Turn "TUNE/FLD" knob (7) to select "Contacts", and press the knob (7) to determine the selection.
- 2) Turn "TUNE/FLD" knob (7) to select the desired initials, and press the knob (7) to determine the selection.
- 3) Turn "TUNE/FLD" knob (7) to select the desired name, and press the knob (7) to determine the selection.
- 4) Turn "TUNE/FLD" knob (7) to select the desired phone number, and press the knob (7) or OFF HOOK button (2) or (10).

### Use the call history

- 1) Turn "TUNE/FLD" knob (7) to select "Call Log", and press the knob (7) to determine the selection.
- 2) Turn "TUNE/FLD" knob (7) to select "All", "Missed", "Dialed" or "Received", and press the knob (7) to determine the selection.
- 3) Turn "TUNE/FLD" knob (7) to select the desired name or phone number, and press the knob (7) or OFF HOOK button (2) or (10).

### Use the speed dial

- 1) Turn "TUNE/FLD" knob (7) to select "Speed Dial", and press the knob (7) to determine the selection.
- 2) Turn "TUNE/FLD" knob (7) to select the desired name or phone number, and press the knob (7) or OFF HOOK button (2) or (10).

### NOTE:

*Speed dial numbers must be registered before this function can be used.*

### Transfer all contacts from your mobile phone

- 1) Press "MENU" button (5). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (7) to select "Bluetooth Settings", and press the knob (7) to determine the selection.
- 3) Turn "TUNE/FLD" knob (7) to select "Dial", and press the knob (7) to determine the selection.
- 4) Turn "TUNE/FLD" knob (7) to select "Setup Contacts", and press the knob (7) to determine the selection.
- 5) Turn "TUNE/FLD" knob (7) to select "Overwrite", and press the knob (7) to determine the selection.
- 6) Turn "TUNE/FLD" knob (7) to select "YES", and press the knob (7) to determine the selection.

### Delete the registered phonebook

- 1) Press "MENU" button (5). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (7) to select "Bluetooth Settings", and press the knob (7) to determine the selection.
- 3) Turn "TUNE/FLD" knob (7) to select "Dial", and press the knob (7) to determine the selection.

- 4) Turn "TUNE/FLD" knob (7) to select "Setup Contacts", and press the knob (7) to determine the selection.
- 5) Turn "TUNE/FLD" knob (7) to select "Delete Contacts", and press the knob (7) to determine the selection.
- 6) Turn "TUNE/FLD" knob (7) to select "YES", and press the knob (7) to determine the selection.

### Delete the call history

- 1) Press "MENU" button (5). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (7) to select "Bluetooth Settings", and press the knob (7) to determine the selection.
- 3) Turn "TUNE/FLD" knob (7) to select "Dial", and press the knob (7) to determine the selection.
- 4) Turn "TUNE/FLD" knob (7) to select "Setup Contacts", and press the knob (7) to determine the selection.
- 5) Turn "TUNE/FLD" knob (7) to select "Delete Call Log", and press the knob (7) to determine the selection.
- 6) Turn "TUNE/FLD" knob (7) to select "YES", and press the knob (7) to determine the selection.

### Registration in speed dial

- 1) Press "MENU" button (5). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (7) to select "Bluetooth Settings", and press the knob (7) to determine the selection.

## OTHER CONTROLS AND EQUIPMENT

---

- 3) Turn “TUNE/FLD” knob (7) to select “Dial”, and press the knob (7) to determine the selection.
  - 4) Turn “TUNE/FLD” knob (7) to select “Add Speed Dial”, and press the knob (7) to determine the selection.
  - 5) Turn “TUNE/FLD” knob (7) to select “Add/Modify”, and press the knob (7) to determine the selection.
  - 6) Turn “TUNE/FLD” knob (7) to select the desired speed dial number, and press the knob (7) to determine the selection.
  - 7) Turn “TUNE/FLD” knob (7) to select the desired initials, and press the knob (7) to determine the selection.
  - 8) Turn “TUNE/FLD” knob (7) to select the desired name, and press the knob (7) to determine the selection.
  - 9) Turn “TUNE/FLD” knob (7) to select the desired Phone number, and press the knob (7) to determine the selection.
  - 10) Turn “TUNE/FLD” knob (7) to select “YES”, and press the knob (7) to determine the selection.
- 4) Turn “TUNE/FLD” knob (7) to select “Add Speed Dial”, and press the knob (7) to determine the selection.
  - 5) Turn “TUNE/FLD” knob (7) to select “Delete”, and press the knob (7) to determine the selection.
  - 6) Turn “TUNE/FLD” knob (7) to select “Delete All” or “Delete Contact”, and press the knob (7) to determine the selection.
    - If you select “Delete Contact”, select the name for delete.
  - 7) Turn “TUNE/FLD” knob (7) to select “YES”, and press the knob (7) to determine the selection.

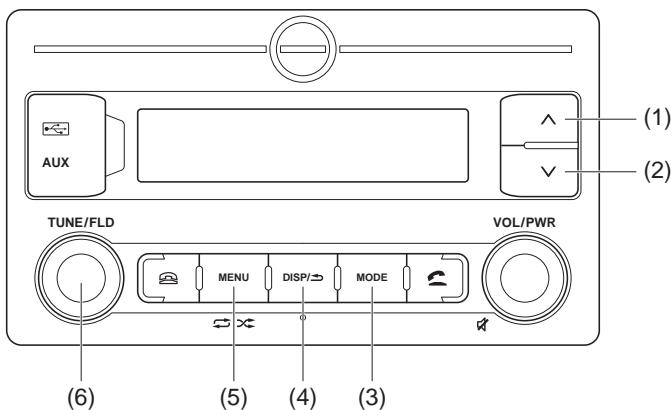
### Automatic transfer of the phonebook/call history

When registering the mobile phone, you can select to automatically transfer the phonebook and call history from your device each time after phone is connected. Select according to the following steps.

- 1) Press “MENU” button (5). Setup menu will be displayed.
- 2) Turn “TUNE/FLD” knob (7) to select “Bluetooth Settings”, and press the knob (7) to determine the selection.
- 3) Turn “TUNE/FLD” knob (7) to select “Dial”, and press the knob (7) to determine the selection.
- 4) Turn “TUNE/FLD” knob (7) to select “Setup Contacts”, and press the knob (7) to determine the selection.
- 5) Turn “TUNE/FLD” knob (7) to select “Auto Transfer”.

### Bluetooth® audio

#### EXAMPLE



69RH146

- (1) UP button
- (2) DOWN button
- (3) "MODE" button
- (4) "DISP/BACK" button
- (5) "MENU" button
- (6) "TUNE/FLD" knob

- (A) Track number
- (B) Play time
- (C) Text information display

#### NOTE:

*Some functions may not be usable on some Bluetooth® devices.*

#### Selecting Bluetooth® audio mode

- 1) Press and hold "MODE" button (3) to change the display.
- 2) Turn "TUNE/FLD" knob (6) to select "Bluetooth", and press the knob (6) to determine the selection.

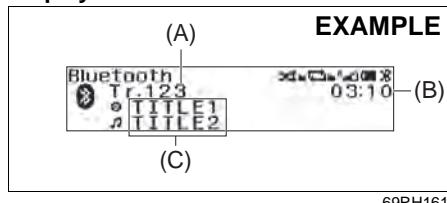
#### NOTE:

*You can also switch the display in sequence by short pressing the "MODE" button (3).*

#### Selecting a group (only for supported models)

Turn "TUNE/FLD" knob (6) to select a group.

### Display



69RH161

## OTHER CONTROLS AND EQUIPMENT

### Selecting a track

- Press UP button (1) to listen to the next track.
- Press DOWN button (2) twice to listen to the previous track.  
When DOWN button (2) is pressed once, the track currently being played will start from the beginning again.



### Fast forwarding/rewinding a track

- Press and hold UP button (1) to fast forward the track.
- Press and hold DOWN button (2) to fast rewind the track.
- Releasing the button can stop the fast forwarding/rewinding.

#### NOTE:

Fast forwarding and fast rewinding function can be performed only if it is supported by the player in which the track is being played.

### Repeat playback (if supported by device)

- 1) Press and hold "MENU" button (5) to change the display.
- 2) Turn "TUNE/FLD" knob (6) to select "Repeat".
- 3) Press and then turn "TUNE/FLD" knob (6) to select one of the settings as below and press "TUNE/FLD" knob (6) again to determine the selection.

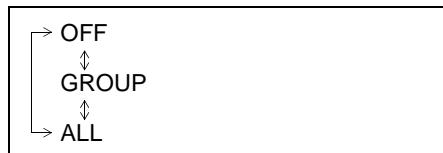
- SONG  
The track currently being played will be played repeatedly.
- GROUP  
All the tracks in the group currently selected will be played repeatedly.

#### NOTE:

Settings may be displayed depending on the Bluetooth® device.

### Random playback (if supported by device)

- 1) Press and hold "MENU" button (5) to change the display.
- 2) Turn "TUNE/FLD" knob (6) to select "Random".
- 3) Press "TUNE/FLD" knob (6) to select one of the settings as follows.



### GROUP

The tracks in the currently selected group will be played in random order.

### ALL

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

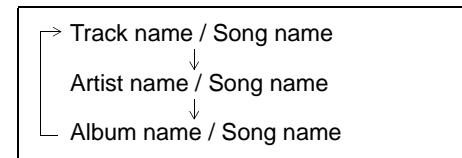
#### NOTE:

Settings may be displayed depending on the Bluetooth® device.

### Display change

Press "DISP/BACK" button (4).

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



#### NOTE:

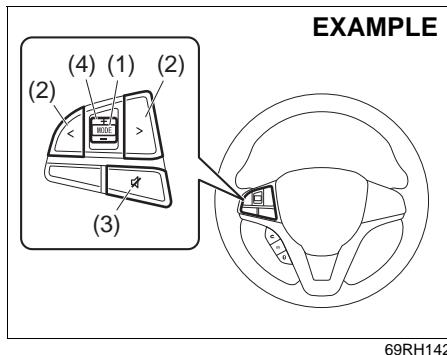
- "NO TITLE" will be displayed when there is no text information in the device currently being played.
- If text data contains more characters than the display area, ">" mark will appear at the right end.

**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 and handsfree calling through third-party applications is not guaranteed and 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 "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.

**Steering switch (if equipped)**

Use the steering wheel button to operate the basic functions of the audio system.



- (1) "MODE" button
- (2) Selection button
  - Selecting the radio station
  - Selecting the track (USB (iPod), Bluetooth® audio mode)
- (3) Mute button
- (4) Volume button

**"MODE" button (1)**

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

**Selection button (2)**

- FM, 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.

## OTHER CONTROLS AND EQUIPMENT

---

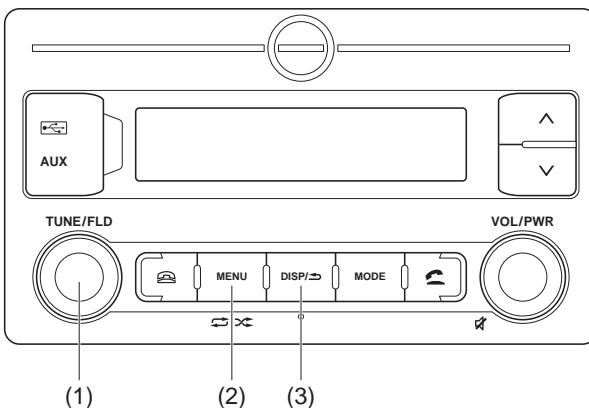
- Press “<” to return to the beginning of the currently playing song. Pressing it twice consecutively will return to the previous song.  
With the folder operation mode, it will return to the previous folder.
- Press “>” for 1 second or longer to fast-forward the song.  
When the button is released, it will stop fast-forwarding.
- Press “<” for 1 second or longer to rewind the song.  
Releasing the button can stop rewinding.

### Mute button (3)

- Hands-free/iPod mode:  
Each time you press the button the mute will switch from ON/OFF.
- USB mode:  
Press the button during playback to temporarily stop the playback.

### Volume 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.

**Anti-theft feature****EXAMPLE**

69RH150

- (1) "TUNE/FLD" knob
- (2) "MENU" button
- (3) "DISP/BACK" button

The anti-theft function is intended to discourage thefts, such as that the audio system becomes inoperable when it is installed on other vehicles.

This function works by entering a Personal Identification Number (PIN).

When the unit is disconnected from its power source, such as when the audio system is removed or the battery is disconnected, the unit will become inoperable until the PIN is reentered.

**Display**

69RH162

**Setting the anti-theft function**

- 1) Press "MENU" button (2). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (1) to select "System Settings", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD" knob (1) to select "Security", and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD" knob (1) to select "ON", and press the knob (1). "----" will be displayed.
- 5) Enter a 4-digit number to be registered as PIN by turning and pressing the "TUNE/FLD" knob (1).
- 6) After entering 4-digit number, press "TUNE/FLD" knob (1) on "Enter" indication. "Do you want to set XXXX as password" will be displayed.
- 7) Turn "TUNE/FLD" knob (1) to select "YES", and press the knob (1). "XXXX is set as password" will be displayed and the anti-theft function will be set.

**NOTE:**

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

## OTHER CONTROLS AND EQUIPMENT

### Cancelling the anti-theft feature

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

- 1) Press "MENU" button (2). Setup menu will be displayed.
- 2) Turn "TUNE/FLD" knob (1) to select "System Settings", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD" knob (1) to select "Security", and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD" knob (1) to select "OFF", and press the knob (1). "----" will be displayed.
- 5) Enter a 4-digit number to be registered as PIN by turning and pressing the "TUNE/FLD" knob (1).
- 6) After entering 4-digit number, press "TUNE/FLD" knob (1) on "Enter" indication. The anti-theft function will be canceled.

#### NOTE:

To change your PIN, first delete your current PIN, and then set a new one.

### Confirming the Personal Identification Number (PIN)

When the main power source is disconnected such as when the battery is replaced, etc, it is required to enter the PIN to make the unit operable again.

- 1) Set the ignition switch to "ACC" position.  
"SECURITY" will be displayed.
- 2) Press "TUNE/FLD" knob (1). "----" will be displayed.
- 3) Enter a 4-digit number to be registered as PIN by turning and pressing the "TUNE/FLD" knob (1).
- 4) Press and hold "TUNE/FLD" knob (1) for a while.

When the same PIN as registered is entered, the power of the audio system will be turned off automatically and it will become operable again.

#### NOTE:

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

If an incorrect PIN is entered 10 times or more, "Contact Dealer" will be displayed and the audio system will become inoperable.

### "Suzuki Smartplay Dock" application

"Suzuki Smartplay Dock" is an application that allows:

- To control the audio system
- Access smartphone features such as calling & messaging.
- \*Access vehicle information such as Instantaneous & average fuel consumption, history (last 5 driving cycle & last 5 refuel cycle) fuel consumption, driving range & alerts.

*NOTE: \*Availability of these features is subject to vehicle or fuel type.*

#### EXAMPLE



69RM05008

This application can be downloaded on smartphone through Google Play store or Apple App Store.

### **⚠ WARNING**

**While driving, ensure adherence to all traffic regulations. Insufficient attention to the road and traffic may cause an accident. It is recommended to familiarize with the tutorial section of application before actual usage.**

**In vehicle running condition, the application can be used in landscape mode only.**

#### **NOTE:**

- For further information on compatible phones and application download process, please refer to MARUTI SUZUKI website.
- Application is compatible with smartphones supporting iOS version 9.0, Android OS 5.0 and above.
- Since this audio allows pairing of 2 devices on Bluetooth® simultaneously, application is supported on the phone which is paired through handsfree profile.
- Application services are subject to change. It is recommended to install the latest updates for optimal experience.
- Application functioning is dependent on mobile data carrier and smartphone hardware, OS performance.
- The smartphone manufacturers are responsible for the content and functions of smartphone applications. The device

*merely provides the option to display and operate these applications.*

- If many apps are installed, your smartphone might work slowly.
- For information on using smartphone applications, please read your smartphone instruction manual.

## OTHER CONTROLS AND EQUIPMENT

---

### Troubleshooting

When encountering a problem, check and follow the instructions 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 PIN. When "Contact Dealer" is displayed, contact a Maruti Suzuki authorised workshop.
Unable to turn on the power (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 2.1 A.	Use a USB device with a current consumption lower than 2.1 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

Display	Possible solution	Display
<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. Check the microphone opening for obstruction on audio device.

## 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.

Display	Possible solution
<b>USB READ ERROR</b>	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.
<b>ERROR 1</b>	When the USB device or iPod communication error occurs, this message will be displayed. Reconnect the USB device or iPod connection cable.
<b>iPod ERROR 1</b>	
<b>ERROR 2</b>	When the USB device or iPod mechanical error occurs, this message will be displayed. Remove the USB device or iPod, and check the USB device or the iPod.
<b>ERROR 3</b>	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.
<b>HUB NOT SUPPORTED</b>	When the USB hub is connected, this message will be displayed. Disconnect the USB hub.
<b>UNSUPPORTED</b>	When an unsupported iPod is connected, this message will be displayed. Connect the supported iPod.
<b>MEDIA NOT SUPPORTED</b>	When an unsupported USB device is connected, this message will be displayed. Connect the supported USB device. When the Bluetooth® audio playback malfunction occurs, this message will be displayed. Check the Bluetooth® audio body.
<b>NO MUSIC</b>	When an empty USB device or iPod is connected, this message will be displayed. Connect the USB device or iPod containing files with the playable extension.

## OTHER CONTROLS AND EQUIPMENT

---

Display	Possible solution
<b>VEHICLE DATA NOT AVAILABLE</b>	Contact your nearest Maruti Suzuki authorised workshop for troubleshooting.
<b>MEMORY FULL</b>	When the maximum limit for number of phonebook data transfer is reached, this message will be displayed. Delete registered data of unnecessary number in phonebook and try to transfer the register phone numbers in the phonebook again.

## OTHER CONTROLS AND EQUIPMENT

---

### Audio function

#### When Using Audio System with Appropriate Volume not to Disturb Safe Driving

- When playing music or other audio, if a mobile phone is used inside or nearby the vehicle, noise may be heard from the speakers. This does not indicate a malfunction.
- Navigation and audio equipment may not function properly if they are interfered with unauthorized radio waves.
- For further information about the features of the navigation or audio equipment, refer to the instruction manuals.

#### WARNING

If you operate the navigation or audio equipment, you may be distracted by them, resulting in an accident.  
Do not operate the navigation or audio equipment while driving.

#### **NOTICE**

While the engine is stopped, using the navigation or audio equipment for a long period of time may cause the lead-acid battery to run out.  
Do not use the navigation or audio equipment for a long period of time while the engine is stopped.

#### NOTE:

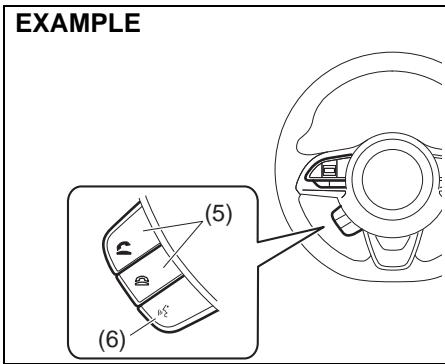
*Due to poor quality of FM/AM signal, some disturbance/noise may be heard from speakers. It is recommended to switch off the tuner system to prevent the said disturbance/noise in the speaker.*

### Remote audio controls (if equipped)

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

The remote audio switches are available when the engine switch is in ACC or ON mode.

- For operation of an audio system or a navigation system, refer to the supplementary manual, provided along with it.
- The operating procedure may be different depending on an audio system or a navigation system.

**EXAMPLE**

53TM05022

- (1) Volume switch
- (2) Mute switch
- (3) "MODE" switch
- (4) Select switch
- (5) Hands-free switch
- (6) Voice recognition switch

**Volume Switch (1)**

You can adjust volume with this switch.

- To increase the volume, press "+" side.
- To decrease the volume, press "-" side.
- The volume will continue to increase or decrease until this switch is released.

**Mute Switch (2)**

To mute this sound, press the switch (2).

**"MODE" Switch (3)**

Every time you press this switch, the audio modes such as radio, etc. will be switched in order.

Depending on a navigation system or an audio systems, you can turn on the system by pressing this switch, even when the equipment itself is turned off.

**Select Switch (4)**

Every time you press this switch, you can select broadcast station or music according to your preference, along with the currently selected mode.

**Hands-free Switch (5)**

You can use this switch for the equipment which has the hands-free function. To use the function, you need to set up for the equipment. Refer to the supplementary manual for details.

**Voice Recognition Switch (6)\***

You can use this switch for the equipment which has the voice recognition function. To use the function, you need to set up for the equipment. Refer to the supplementary manual for details.

\*: When using Apple CarPlay® or Android Auto™ on infotainment system

Apple CarPlay® may not be available in your country or region.

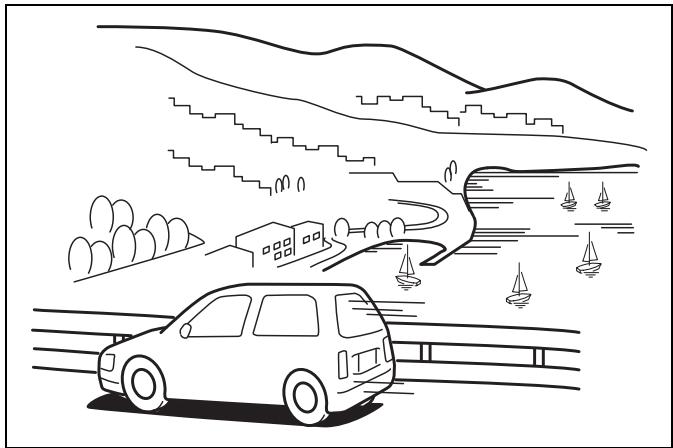
For details about Apple CarPlay, visit the following site:  
<http://www.apple.com/ios/carplay>

Android Auto™ may not be available in your country or region.

For details about Android Auto, please refer to the Google support site:  
<http://support.google.com/androidauto>



## INSPECTION AND MAINTENANCE



60G409

6

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 .....	6-11
Spark plugs .....	6-12
Gear oil .....	6-12
Clutch pedal (if equipped) .....	6-14
Fuel filter .....	6-14
Brakes .....	6-14
Steering .....	6-16
Tires .....	6-17
Battery .....	6-20
Fuses .....	6-21
Headlight aiming .....	6-25
Bulb replacement .....	6-25
Wiper blades .....	6-30
Windshield washer fluid .....	6-32
Air conditioning system .....	6-33

## INSPECTION AND MAINTENANCE

### EXAMPLE



53TM03001

### ! 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 (if equipped), check that the 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 (if equipped) components or wires.

(Continued)

### ! WARNING

(Continued)

The wires are wrapped with yellow tape or yellow tubing, and the couplers are yellow for easy identification.

- Do not leave the engine running in garages or other confined areas.
- When the engine is running, keep hands, clothing, tools, and other objects away from the fan and drive belt. Even though the fan may not be moving, it can automatically turn on without warning.
- When it is necessary to perform service work with the engine running, check that the parking brake is set fully and the transmission is in Neutral (for manual transmission or Auto Gear Shift vehicles).
- Do not touch ignition wires or other ignition system parts when starting the engine or when the engine is running, or you could receive an electric shock.
- Be careful not to touch a hot engine, exhaust manifold and pipes, muffler, radiator and water hoses.
- Do not allow smoking, sparks, or flames around fuel or the battery. Flammable fumes are present.

(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 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.

### Maintenance Schedule

The following table shows the times when you should perform regular maintenance on your vehicle. This table shows in kilometers and months when you should perform inspections, adjustments, lubrication and other services.

#### ⚠ WARNING

MARUTI SUZUKI recommends that maintenance on your Maruti Suzuki vehicle should be performed by Maruti Suzuki authorised workshop.

<b>NOTICE</b>
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.	km (x 1,000) months	FREE INSPECTION			PERIODIC MAINTENANCE SERVICE AT COST						
		1	5	10	20	30	40	50	60	70	80
		1	6	12	24	36	48	60	72	84	96
<b>ENGINE</b>											
1-1.	Water pump drive belt (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)	-	-	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 and manifold fixing (Loose, Damage)	-	-	I	-	I	-	I	-	I	-
1-6.	Exhaust System (Noise, Leakage etc.)	-	I	-	I	-	I	-	I	-	I
1-7.	Positive Crankcase Ventilation System (Hoses, Connections and Valve)	-	I	-	I	-	I	-	I	-	I
<b>IGNITION</b>											
2-1.	Ignition wiring (Damage, Deterioration)	-	-	-	I	-	I	-	I	-	I
2-2.	Spark Plug	For Petrol	Replace every 100,000KM or 84 months whichever comes first								
		For CNG	Replace every 50,000KM or 48 months whichever comes first								
<b>FUEL</b>											
3-1.	Air cleaner filter element	Paved-road	Clean every 5,000 KM. Replace every 40,000 KM.								
		Dusty Condition	Clean after every 2,500 KM or as required. Replace every 40,000 KM. More frequent replacement if dust condition is severe.								
3-2.	Fuel Filter (Leakage)	-	-	-	-	-	-	-	-	-	R
3-3.	Fuel tank cap, fuel lines and connections (Leakage, Damage)	-	I	-	-	-	I	-	-	-	I
3-4.	Fuel tank	-	-	-	-	-	I	-	-	-	I
<b>CLUTCH AND TRANSMISSION</b>											
4-1.	Clutch Pedal (Play)	I	I	I	I	I	I	I	I	I	I
4-2.	Clutch slipping (Dragging or Excessive Damage)	I	I	I	I	I	I	I	I	I	I
4-3.	Manual transmission oil / Auto Gear Shift oil (Level, Leakage)	I	I	I	I	I	I	I	I	I	I
4-4.	Gear shifter (Operation)	I	I	I	I	I	I	I	I	I	I
<b>DRIVE SHAFTS</b>											
5-1.	Drive shaft noise	I	I	I	I	I	I	I	I	I	I

## INSPECTION AND MAINTENANCE

---

Interval: This interval should be judged by odometer reading or months, whichever comes first.	km (x 1,000) months	FREE INSPECTION			PERIODIC MAINTENANCE SERVICE AT COST						
		1	5	10	20	30	40	50	60	70	80
		1	6	12	24	36	48	60	72	84	96
5-2.	Drive shaft boots (Damage)	—	I	I	I	I	I	I	I	I	I
<b>BRAKE</b>											
6-1.	Brake fluid (Level, Leakage)	I	I	I	R	I	R	I	R	I	R
6-2.	Brake pedal (Pedal-carpet clearance)	I	I	I	I	I	I	I	I	I	I
6-3.	Parking brake lever and cable (Play, Damage)	I	I	I	I	I	I	I	I	I	I
6-4.	Brake discs and pads (Wear)	—	I	I	I	I	I	I	I	I	I
6-5.	Brake drums 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
<b>WHEEL</b>											
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
<b>FRONT / REAR SUSPENSION</b>											
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
<b>STEERING</b>											
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
<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

## INSPECTION AND MAINTENANCE

Interval: This interval should be judged by odometer reading or months, whichever comes first.	km (x 1,000) months	FREE INSPECTION			PERIODIC MAINTENANCE SERVICE AT COST						
		1	5	10	20	30	40	50	60	70	80
		1	6	12	24	36	48	60	72	84	96
10-3.	Lighting system (Operation, Stains, Damage)	I	I	I	I	I	I	I	I	I	I
10-4.	Wiper (Operation)	I	I	I	I	I	I	I	I	I	I
10-5.	Horn (Operation)	I	I	I	I	I	I	I	I	I	I
10-6.	AUX, USB (if equipped) and accessory socket (if equipped) (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 (if equipped)</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 joints (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

**⚠ WARNING**

The shock absorbers are filled with high pressure gas. Never attempt to disassemble them or throw them into a fire. Avoid storing them near a heater or heating device. When scrapping the absorber, the gas must be released from the absorber safely. Ask a Maruti Suzuki Authorised workshop for assistance.

## Drive belt

### ⚠ WARNING

When the engine is running, keep hands, hair, clothing, tools, etc. away from the moving fan and drive belts.

The drive belts tension is adjusted automatically, if the belt is too loose, insufficient battery charging, engine overheating, poor air conditioning, or excessive belt wear can result.

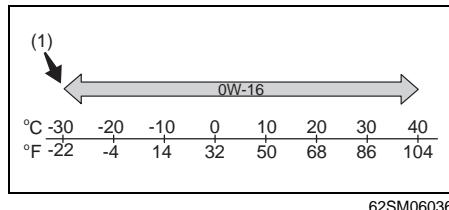
The belts should also be examined to ensure that they are not damaged.

If you need to replace or adjust the belt have it done by an Maruti Suzuki authorised workshop.

## Engine oil and filter

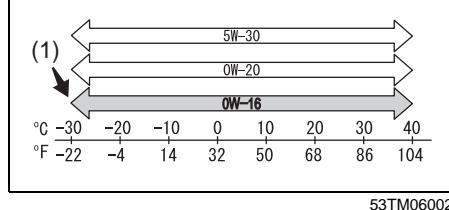
### Specified oil

#### For India



#### Except for India

### EXAMPLE



(1) Recommended

For India, be sure that the engine oil you use comes under the quality classification as listed below.

- API SN, SP
- ILSAC GF-6

Except for India, be sure that the engine oil you use comes under the quality classification as listed below.

- API SL, SM, SN, SP
- ILSAC GF-6

Select the appropriate oil viscosity according to the above chart.

SAE 0W-16 (I) is the best choice for good fuel economy and good startability in cold weather.

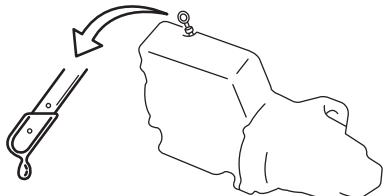
### NOTE:

- The replacement timing varies with the type of engine oil that you choose. Refer to "Maintenance schedule" in this section for corresponding maintenance schedule.
- We recommend that you use MARUTI SUZUKI genuine oil. To purchase it, see a Maruti Suzuki authorised workshop.

## INSPECTION AND MAINTENANCE

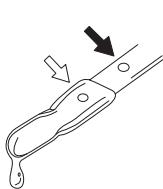
### Oil level check

#### EXAMPLE



80G064

#### EXAMPLE



62SM06001

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.

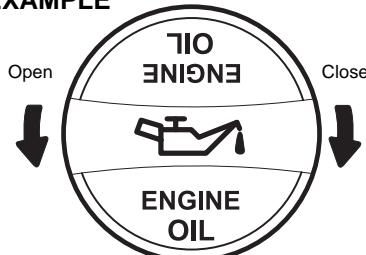
Pull out the oil dipstick, wipe oil off with a clean cloth, insert the dipstick all the way into the engine, and then remove it again. The oil on the stick should be between the upper and lower limits shown on the stick. If the oil level indication is near the lower limit, add enough oil to raise the 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

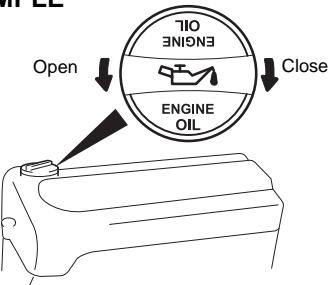


69RM06007

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.

### Changing engine oil and filter

Drain the engine oil while the engine is still warm.

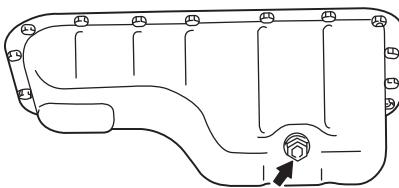
**EXAMPLE**

62SM07011

- 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**

60G306

**Tightening torque for drain plug:**  
35 Nm (3.6 kg-m, 25.8 lb-ft)

**WARNING**

- Engine oil can be hazardous. Children and pets may be harmed by swallowing new or used oil. Keep new and used oil and used oil filters away from children and pets.
- Repeated, prolonged contact with used engine oil may cause skin cancer.
- Brief contact with used oil may irritate skin.

(Continued)

**WARNING**

(Continued)

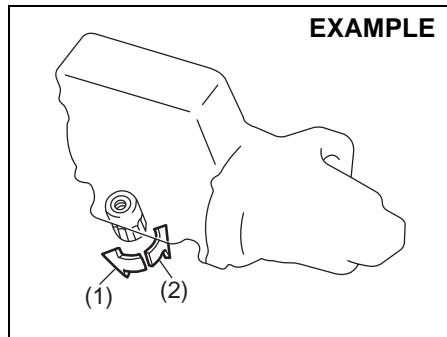
- To minimize your exposure to used oil, wear a long-sleeve shirt and moisture-proof gloves (such as dishwashing gloves) when changing oil. If oil contacts your skin, wash thoroughly with soap and water.
- Launder any clothing or rags if it is with oil.
- Recycle or properly dispose of used oil and oil filters.

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

**Oil filter replacement**

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

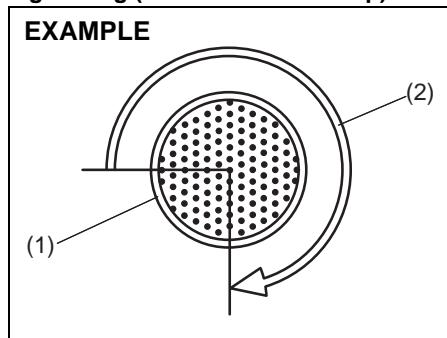
## INSPECTION AND MAINTENANCE



54G092

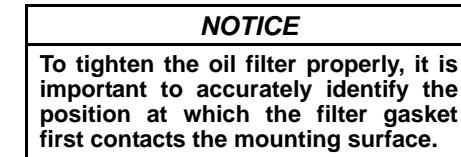
- (1) Loosen
- (2) Tighten

### Tightening (viewed from filter top)



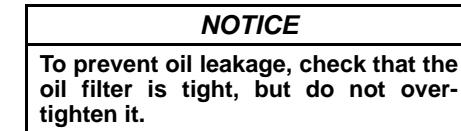
54G093

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



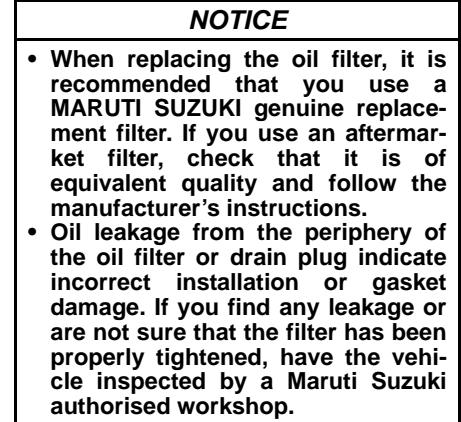
- 5) Tighten the filter as specified below from the point of contact with the mounting surface (or to the specified torque) using an oil filter wrench.

**Tightening torque for oil filter**  
3/4 turn or  
14 Nm (1.4 kg-m, 10.3 lb-ft)



### 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 "Recommended fuel / lubricants and capacities (approx.)" in the "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.



## 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 coolant to distilled water and in no case higher than 70/30. Concentrations greater than 70/30 coolant to distilled water will cause overheating conditions.
- Do not use straight coolant nor plain water.
- Do not add extra inhibitors or additives. They may not be compatible with your cooling system.
- Do not mix different types of base coolants. Doing so may result in accelerated seal wear and/or the possibility of severe overheating and extensive engine damage.

### Coolant level check

Check the coolant level at the reservoir tank, not at the radiator. With the engine cool, the coolant level should be between "FULL" and "LOW" marks.

### Adding coolant

#### ⚠ WARNING

Swallowing engine coolant can cause severe injury or death. Inhalation 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.

## INSPECTION AND MAINTENANCE

### 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.

### EXAMPLE



53TM06014

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

### WARNING

It is hazardous to remove the reservoir tank cap when the water temperature is high, because scalding fluid and steam may be blown out under pressure. Wait until the coolant temperature has lowered before removing the cap.

If the coolant level is below the "LOW" mark, more coolant should be added. When the engine is cool, remove the degassing tank cap by turning it anticlockwise slowly to release any pressure. And add coolant until the degassing tank level reaches the "FULL" mark. Never fill the degassing tank above the "FULL" mark

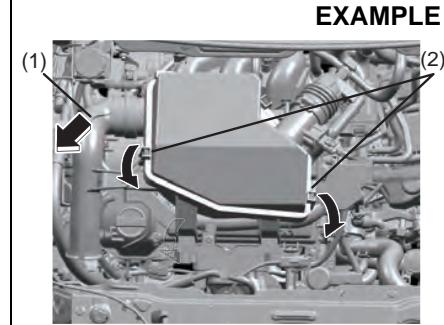
### Coolant replacement

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

### Air cleaner

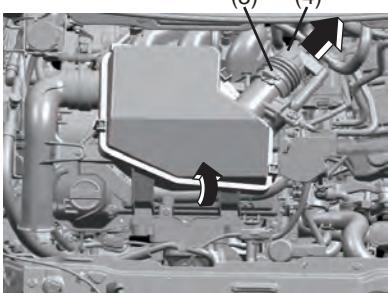
If the air cleaner is clogged with dust, there will be greater intake resistance, resulting in decreased power output and increased fuel consumption.

### EXAMPLE



53TM06010

- 1) Remove the duct (1) and unclamp the side clamps (2).

**EXAMPLE**

53TM06011

- 2) Loosen the bolt (3) and pull the air cleaner outlet hose (4).
- 3) Remove the element from the air cleaner case. If it appears to be dirty, replace it with a new one.
- 4) Reinstall the air cleaner case and clamp the side clamps securely.
- 5) Insert the duct (1) and air cleaner outlet hose (4). Tighten the bolt (3) securely.

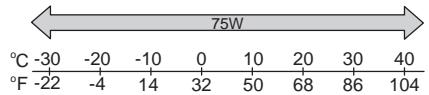
**Spark Plugs****Spark plug replacement and inspection**

Since special procedures, materials and tools are required, it is recommended that you trust this job to a Maruti Suzuki authorised workshop.

**Gear oil****Manual transmission oil /  
Auto Gear Shift oil**

When adding gear oil, use gear oil with the appropriate viscosity and grade as shown in the chart below.

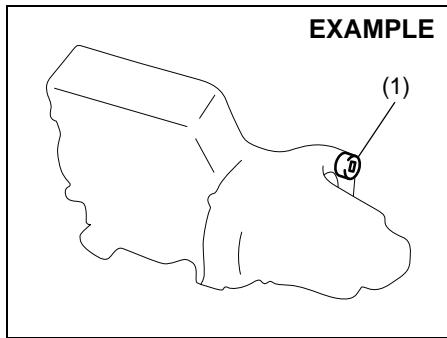
We highly recommend you use "MARUTI GEAR OIL 75W" for manual transmission or Auto Gear Shift oil.

**Manual transmission oil /  
Auto Gear Shift oil****EXAMPLE**

54P120706

## INSPECTION AND MAINTENANCE

### 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.
- 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

**Manual transmission (1):**  
21 Nm (2.1 kg-m, 15.5 lb-ft)

**Auto Gear Shift (1):**  
21 Nm (2.1 kg-m, 15.5 lb-ft)

#### NOTICE

When tightening the plug, apply the following sealing compound or equivalent to the plug threads to prevent oil leakage.

MARUTI SUZUKI Bond No. "1217G"

### Gear oil change

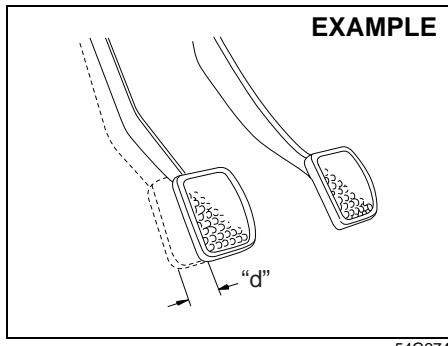
Since special procedures, materials and tools are required, ask a Maruti Suzuki authorised workshop for this job.

#### CAUTION

After driving the vehicle, the gear oil temperature may be high enough to burn you. Wait until the oil filler and level plug are cool enough to touch with your bare hands before inspecting gear oil level.

## Clutch pedal (if equipped)

### Cable control clutch



**Clutch pedal play "d":**  
10 - 15 mm (0.4 - 0.6 in.)

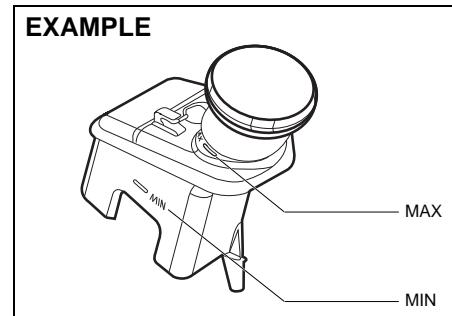
Measure the clutch pedal play by moving the clutch pedal with your hand and measuring the distance it moves until you feel slight resistance. The play in the clutch pedal should be between the specified values. If the play is more or less than the above, or clutch dragging is felt with the pedal fully depressed, have the clutch inspected by a Maruti Suzuki authorised workshop.

## Fuel filter

Since special procedures 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 with Maruti Genuine Brake Fluid (MGBF) or SAE J1703 or DOT 3. We highly recommend to use "Maruti Genuine Brake Fluid" (MGBF).

### NOTICE

If your brake fluid level is near the "MIN" line, there is a possibility of brake pad and/or shoe wear and brake fluid leakage. Consult with a Maruti Suzuki authorised workshop regarding this possibility before filling the reservoir.

## INSPECTION AND MAINTENANCE

### ⚠ 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 cluster 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 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 SAE J1703 or DOT 3. 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. Be careful when refilling the reservoir.

### ⚠ WARNING

Brake fluid is harmful or fatal if swallowed, and harmful if it comes in contact with skin or eyes. If swallowed, do not induce vomiting. Immediately contact a poison control center or a physician. If brake fluid gets in eyes, flush eyes with water and seek medical attention. Wash thoroughly after handling. Solution can be poisonous to animals. Keep out of reach of children and animals.

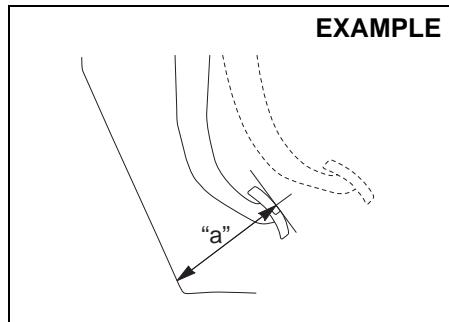
#### NOTE:

- 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 is at its normal height, check it as follows:

### EXAMPLE



54G108

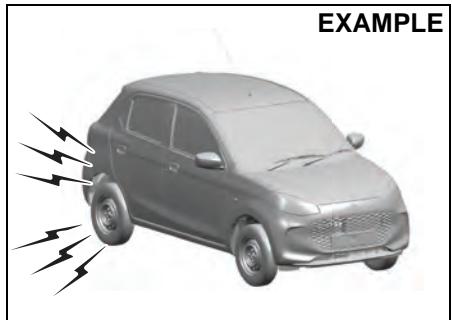
Minimum distance between brake pedal and floor carpet "a":  
80 mm

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.*

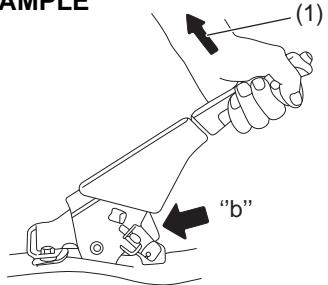


53TM06003

**⚠ 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**

54G109

Ratchet tooth specification "b":  
4th – 9th

Lever pull force (1):  
200 N (20 kg, 45 lbs)

Check the parking brake for proper adjustment by counting the number of clicks made by the ratchet teeth as you slowly pull up on the parking brake lever to the point of full engagement. The parking brake lever should stop between the specified ratchet teeth and the rear wheels should be securely locked. If the parking brake is not properly adjusted or the brakes drag after the lever has been fully released, have the parking brake inspected and/or adjusted by a Maruti Suzuki authorised workshop.

**Steering****EXAMPLE**

62SM06020

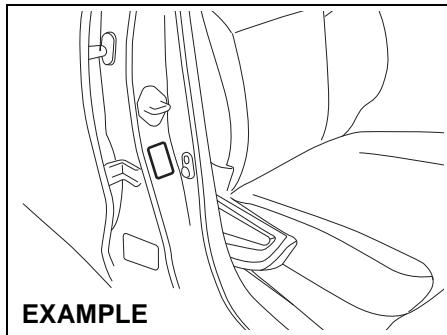
Steering wheel play "c":  
0 – 30 mm (0.0 – 1.2 in.)

Check the play of the steering wheel by gently turning it from left to right and right to left, with wheels in straight ahead position and engine in OFF condition. Measure the distance that the steering moves before you feel slight resistance. The play should be between the specified values.

Check that the steering wheel turns easily and smoothly without rattling by turning it all the way to the right and to the left while driving very slowly in an open area. If the amount of free play is not as specified or you find anything else to be wrong, an inspection must be performed by a Maruti Suzuki authorised workshop.

## INSPECTION AND MAINTENANCE

### Tires



62SM06008

The front and rear tire pressure specifications are listed on 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 by performing the following checks:

- 1) Measure the air pressure with a tire gauge. Adjust the pressure if necessary. Remember to check the spare tire, too.

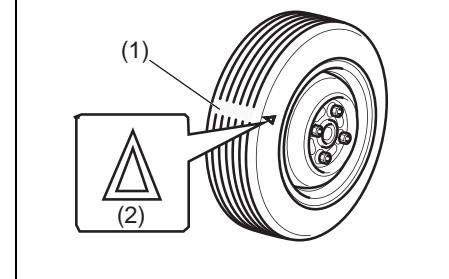
#### WARNING

- Air pressures should be checked when the tires are cold or you may get inaccurate readings.
- Check the inflation pressure from time to time while inflating the tire gradually, until the specified pressure is obtained.
- Never under-inflate or over-inflate the tires.

**Under-inflation can cause unusual handling characteristics or can cause the rim to slip on the tire bead, resulting in an accident or damage to the tire or rim.**

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

#### EXAMPLE



68PM07009

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

- 2) Check that the depth of the tread groove is more than 1.6 mm (0.06 in.). To help you check this, the tires have molded-in tread wear indicators in the grooves. When the indicators appear on the tread surface, the remaining depth of the tread is 1.6 mm (0.06 in.) or less and the tire should be replaced.
- 3) Check for abnormal wear, cracks and damage. Any tires with cracks or other damage should be replaced. If any tires show abnormal wear, have them inspected by a Maruti Suzuki authorised workshop.

**CAUTION**

Hitting curbs and running over rocks can damage tires and affect wheel alignment. Have tires and wheel alignment checked periodically by a Maruti Suzuki authorised workshop.

- 4) Check for loose wheel nuts.
- 5) Check that there are no nails, stones or other objects sticking into the tires.

**WARNING**

- Your MARUTI SUZUKI vehicle is equipped with tires which are all the same type and size (Except spare tire, which may be dependent on vehicle variant). This is important to ensure proper steering and handling of the vehicle. Never mix tires of different size or type on the four wheels of your vehicle. The size and type of tires used should be only those approved by MARUTI SUZUKI as standard or optional equipment for your vehicle.
- Replacing the wheels and tires equipped on your vehicle with certain combinations of aftermarket wheels and tires can significantly change the steering and handling characteristics of your vehicle. Therefore, use only those wheel and tire combinations approved by MARUTI SUZUKI as standard or optional equipment for your vehicle.

**NOTICE**

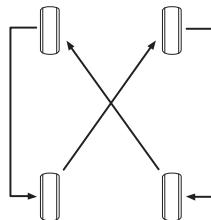
- Replacing the original tires with tires of a different size may result in false speedometer or odometer readings. Check with a Maruti Suzuki authorised workshop before purchasing replacement tires that differ in size from the original tires.
- Replacing a tire with one of a different size, or using different brands among the four tire can result in damage to the drive train.

## INSPECTION AND MAINTENANCE

### Tire rotation

#### 4-tire rotation

##### EXAMPLE



To avoid uneven wear of your tires and to prolong their life, rotate the tires as illustrated. Tires should be rotated as mentioned in periodic maintenance schedule. After rotation, adjust front and rear tire pressures to the specification listed on your vehicle's tire information label.

#### Wheel Balancing

If the vehicle vibrates abnormally on smooth road, have the wheel balanced at Maruti Suzuki authorised workshop.

#### Wheel Alignment

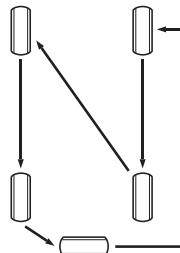
In case of abnormal tire wear or pulling towards one side, have the wheel aligned at Maruti Suzuki authorised workshop.

### Care and maintenance tips for tubeless tires

- 1) Always maintain recommended inflation pressure. Driving continuously at low inflation pressure can lead to tire damage.
- 2) In case any leakage is found, check for any nail penetration/valve core damage or rim bent. Damaged wheel must not be used.
- 3) In case tire has run at low pressure, it must be inspected for any defect.
- 4) Whenever new tire is fitted, replace the valve.
- 5) If continuous high speed driving is required, increase tires pressure by 5 psi over recommended inflation pressure.
- 6) Never run the tire beyond TWI (Tread wear indicator). The tire is recommended to be replaced when the remaining tread has worn to this point. The indicators are spaced across the tread around the tire marked by a triangular symbol (TWI).
- 7) Always prefer tubeless tire mounting machine. In case of manual mounting tire/ wheel rim damage may occur.
- 8) In case of any problem, please get in touch with Maruti Suzuki authorised workshop.

#### 5-tire rotation

##### EXAMPLE



54G114

#### Tubeless Tires

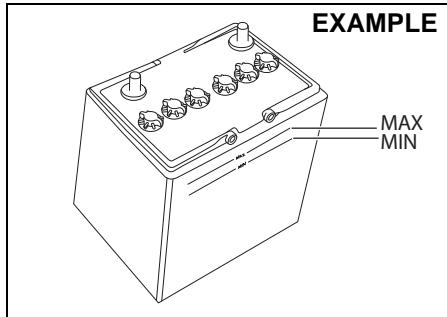
The vehicle is equipped with Tubeless Tires. In tubeless tire, a thin layer of butyl rubber is used for lining the inside of the tubeless tire. This layer is to prevent air loss and fulfilling the purpose of tube. The air pressure is maintained by the sealing between tire bead and wheel rim. Tubeless tires are having advantage of slow air loss and preventing sudden deflation while driving.

68PH00755

## Battery

### ⚠ WARNING

- Batteries produce flammable hydrogen gas. Keep flames and sparks away from the battery or an explosion may occur. Never smoke when working near the battery.
- When checking or servicing the battery, disconnect the negative cable. Be careful not to cause a short circuit by allowing metal objects to contact the battery posts and the vehicle at the same time.
- To avoid harm to yourself or damage to your vehicle or battery, follow the jump-starting instructions in the "EMERGENCY SERVICE" section if it is necessary to jump-start your vehicle.
- Diluted sulfuric acid spilled from battery can cause blindness or severe burns. Use proper eye protection and gloves. Flush eyes or body with ample water and get medical care immediately if suffered. Keep batteries out of reach of children.



EXAMPLE

76MM07005

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 (acid) must be kept between the "MAX" and "MIN" 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.

### ⚠ WARNING

If the battery is used with battery level being less than the "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 "MIN".

### NOTICE

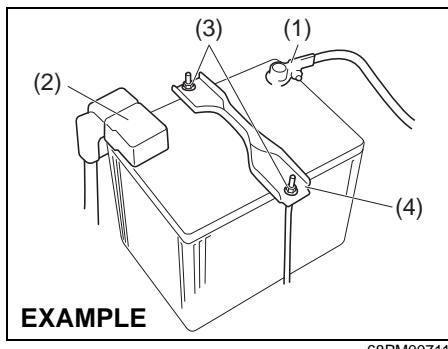
If the battery liquid is added more than the "MAX", liquid may leak by vibrations during driving or liquid may spray out in some case depending on the condition of battery charging. These may cause damage to the parts near the battery. If the battery liquid overspills, immediately wash away with water.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

*NOTE:*

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

## INSPECTION AND MAINTENANCE

### Replacement of the battery



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 function will be initialized and/or deactivated.*

*These function are required to reset after the battery is reconnected.*

### ! WARNING

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

### Fuses

Your vehicle has three types of fuses, as described below:

#### Main fuse

The main fuse takes current directly from the battery.

#### Primary fuses

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

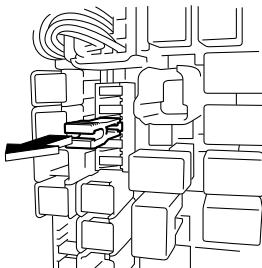
#### Individual fuses

These fuses are for individual electrical circuits.

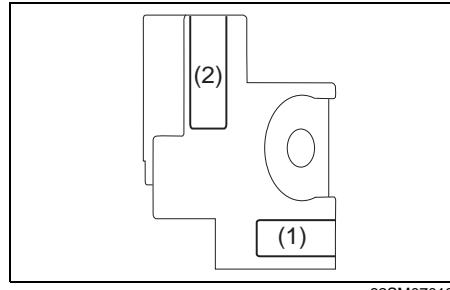
#### NOTE:

- “Blank” indicates that fuse is not applicable in the variant, even though name of fuse might be available on cover of fuse box of your vehicle.
- Some fuse may not be applicable to your vehicle according to the variant of vehicle, even though it is not mentioned as blank.

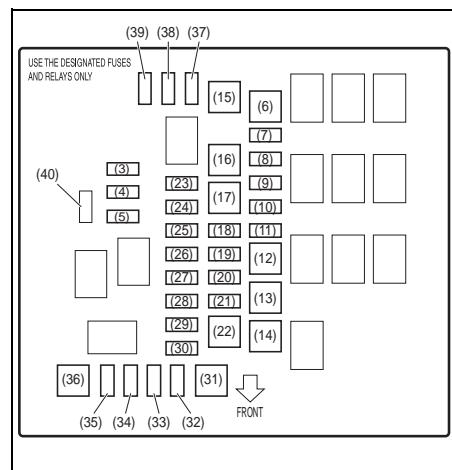
To remove a fuse, use the fuse puller provided in the relay box.

**EXAMPLE**

63J095

**Fuses in engine compartment**

62SM07012



69RH194

**MAIN FUSE / PRIMARY FUSE**

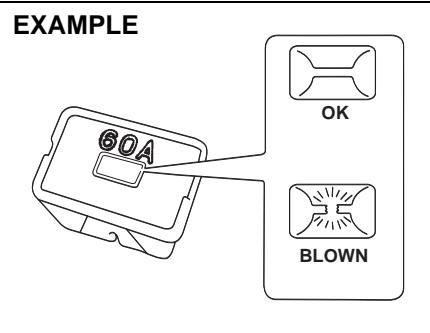
(1)	120 A	FL1
(2)	100 A	FL2
(3)	20 A	Spare fuse
(4)	25 A	Spare fuse
(5)	30 A	Spare fuse
(6)	40 A	P/S (Power steering)
(7)	7.5 A	CNG VLV
(8)	10 A	CPRSR (A/C compressor)
(9)	15 A	FI (Fuel Injection)
(10)	15 A	H/L L (Headlight (Left))
(11)	15 A	H/L R (Headlight (Right))
(12)	30 A	ST (Starting motor)
(13)	30 A	RDTR (Radiator fan)
(14)	—	Blank
(15)	40 A	IGN2 (Ignition switch 2)
(16)	30 A	Lamp
(17)	30 A	T/M Pump (AGS Pump)
(18)	30 A	B/U (Battery backup)
(19)	10 A	STOP (Stop Light)
(20)	—	Blank
(21)	15 A	Horn

## INSPECTION AND MAINTENANCE

(22)	30 A	BLW (Blower fan)
(23)	–	Blank
(24)	10 A	ST SIG (Starting signal)
(25)	7.5 A	CNG
(26)	–	Blank
(27)	–	Blank
(28)	–	Blank
(29)	–	Blank
(30)	–	Blank
(31)	40 A	ABS MOT (ABS motor)
(32)	25 A	ABS SOL (ABS solenoid)
(33)	–	Blank
(34)	10 A	T/M (Transmission)
(35)	10 A	T/M2 (Transmission 2)
(36)	40 A	IGN (Ignition switch)
(37)	5 A	Spare fuse
(38)	10 A	Spare fuse
(39)	15 A	Spare fuse
(40)	7.5 A	Spare fuse

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.

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.



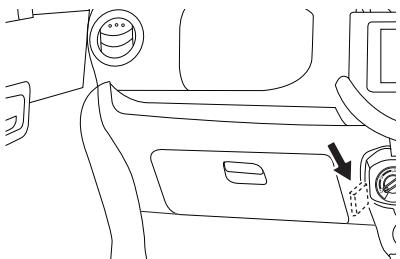
60G111

### ! WARNING

If the main fuse or a primary fuse blows, have your vehicle inspected by a Maruti Suzuki authorised workshop. Always use a MARUTI 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:**

Check that the fuse box always carries spare fuses.

**Fuses under dashboard****EXAMPLE**

62SM06009

(1)	(8)	(15)
(2)	(9)	(16)
(3)	(10)	(17)
(4)	(11)	(18)
(5)	(12)	(19)
(6)	(13)	(20)
(7)	(14)	

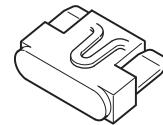
(21)

62SM06032

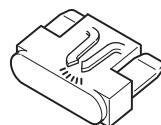
**PRIMARY FUSE**

(1)	5A	CNG IG1
(2)	20 A	WIP WASH (Front wiper & washer)
(3)	10 A	IG2 SIG (Ignition-2 signal)
(4)	10 A	Meter
(5)	15 A	IG COIL (Ignition coil)
(6)	10 A	BACK (Back-up light)
(7)	10 A	ST SIG (Starting signal)
(8)	15 A	ACC2 (Accessory-2)
(9)	5 A	ACC1 (Accessory-1)
(10)	-	Blank
(11)	10 A	A/B (Airbag)
(12)	10 A	ABS
(13)	10 A	IG1 SIG (Ignition-1 signal)
(14)	-	Blank
(15)	20 A	D/L (Door lock)
(16)	10 A	HAZ (Hazard warning light)
(17)	10 A	TAIL (Tail light)
(18)	15 A	Radio

(19)	10 A	DOME (Dome light)
(20)	10 A	DOME2 (Dome light-2)
(21)	30 A	P/W (Power window)

**EXAMPLE**

OK



BLOWN

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.

## INSPECTION AND MAINTENANCE

### 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 halogen headlight bulbs are filled with pressurized halogen gas. They can burst and injure you if they are hit or dropped. Handle them carefully.
- To avoid injury by sharp-edged parts of the body, wear gloves and a long-sleeved shirt when replacing light bulbs.

#### NOTICE

The oils from your skin may cause a halogen bulb to overheat and burst when the lights are on. Grasp a new bulb with a clean cloth.

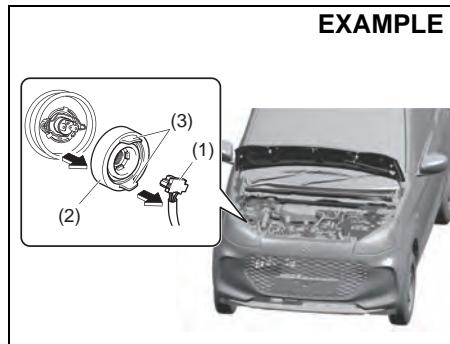
#### NOTICE

- Frequent replacement of a bulb indicates the need for an inspection of the electrical system. This should be carried out by your Maruti Suzuki authorised workshop.
- During bulb replacement always use same bulb number as used in vehicle which is imprinted on the said bulb/unit and/or mentioned in SPECIFICATIONS.

#### NOTE:

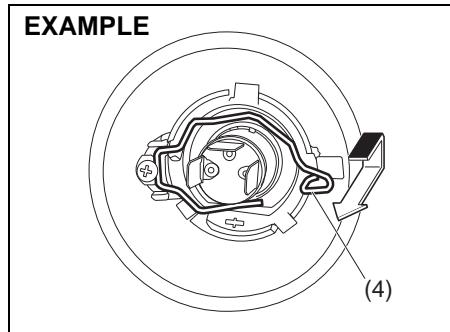
*Mist may form on the lenses of exterior lights (Headlight, Rear combination light etc.) during or after driving in the rain or after car washing. This is a natural phenomenon which occurs due to temperature difference between lamp inside and outside. Temporary mist on the lens is not a malfunction and will not cause any discomfort during vehicle driving.*

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

**Headlights**

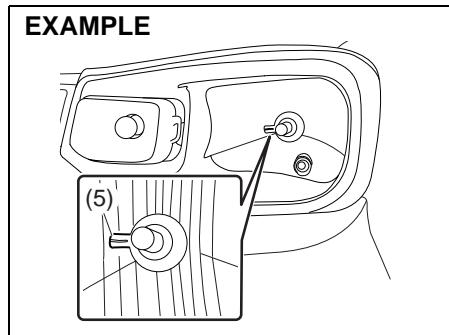
53TM06012

- 1) Open the engine hood while the engine is stopped. Disconnect the coupler (1). Remove the sealing rubber (2) by pulling the grip (3).



69RH085

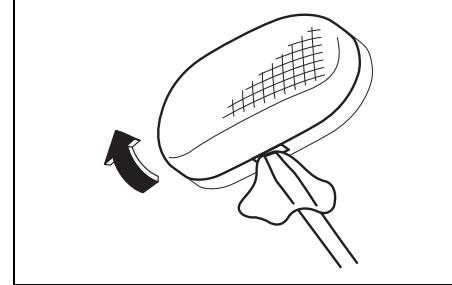
- 2) Push the retaining spring (4) forward and unhook it. Then remove the bulb. Install a new bulb in the reverse order of removal.



62SM06015

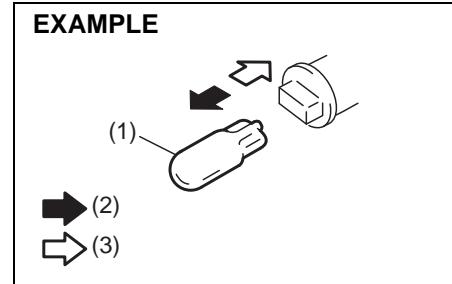
**NOTE:**

*You can see the position of retaining spring from the hole (5) of headlight.*

**Side turn signal light****Fender type****EXAMPLE**

62SM06033

Pull down the lens by using a flat blade screwdriver covered with a soft cloth as shown. The bulb (1) can be removed by simply pulling it out. Then remove the bulb. Install a new bulb in the reverse order.



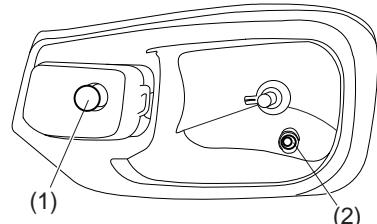
76MH0A008

## INSPECTION AND MAINTENANCE

- (2) Removal
- (3) Install

### Front turn signal light and front position light

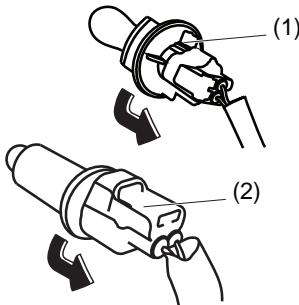
#### EXAMPLE



62SM06019

- (1) Front turn signal light
- (2) Front position light

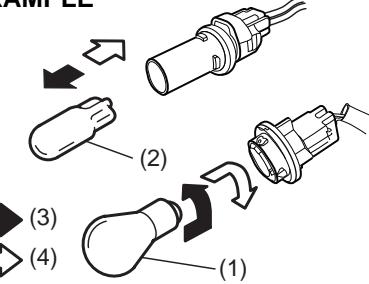
#### EXAMPLE



62SM06035

- 1) Open the engine hood while the engine is stopped. To remove the bulb holder of the front turn signal light (1) or the front position light (2) from the light housing, turn the holder counterclockwise and pull it out.

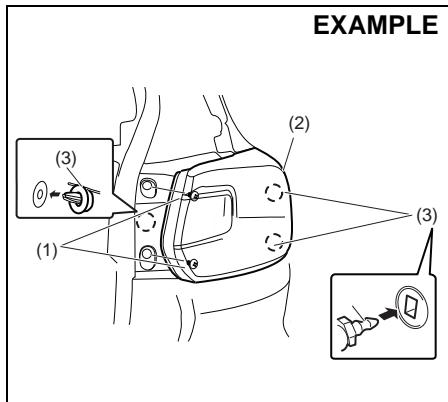
#### EXAMPLE



62SM06024

- (3) Removal
- (4) Install

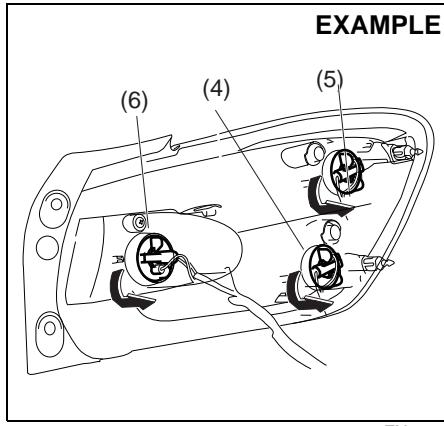
- 2) To remove the bulb of the front turn signal light (1) from the bulb holder, push in the bulb and turn it counterclockwise. To install a new bulb, push it in and turn it clockwise.  
To remove and install the bulb of the front position light (2), simply pull out or push in the bulb.

**Rear combination light**

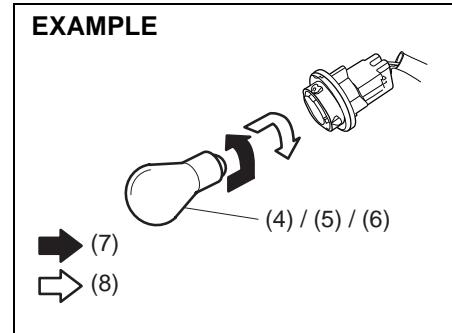
- 1) Remove the screws (1) and pull the light housing (2) straight.

**NOTE:**

When reinstalling the light housing, check that the clips (3) are properly attached.



- 2) To remove the bulb holder of the tail/brake light (4), the turn signal light (5) or the reversing light (6) from the light housing, turn the holder counterclockwise and pull it out.



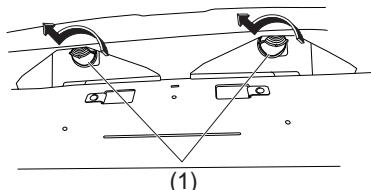
- (7) Removal  
(8) Install

- 3) To remove the bulb of the tail/brake light (4), the turn signal light (5) or the reversing light (6) from bulb holder, push in the bulb and turn it counter-clockwise. To install a new bulb, push it in and turn it clockwise.

## INSPECTION AND MAINTENANCE

### License plate light

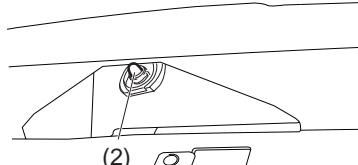
#### EXAMPLE



62SM06026

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

#### EXAMPLE

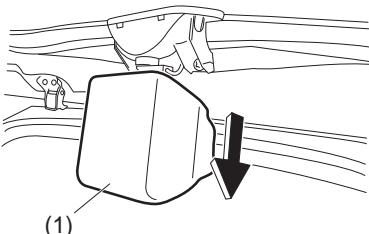


62SM06027

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

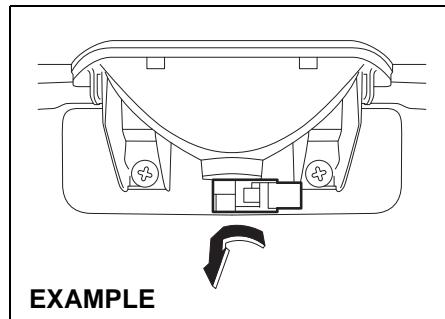
### High-mount stop light

#### EXAMPLE



62SM06028

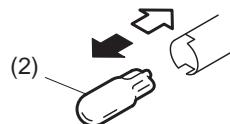
- 1) Open the tailgate, and pull the cover (1) straight as shown in the illustration.



69RH134

- 2) Remove the bulb holder as shown in the illustration.

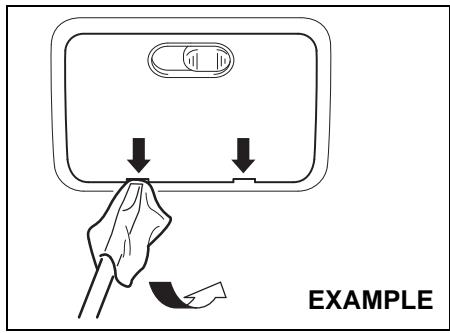
#### EXAMPLE



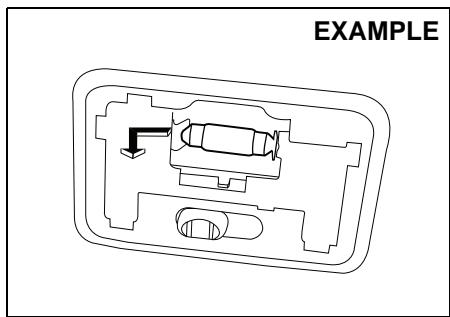
69RH086

- (3) Removal
- (4) Install

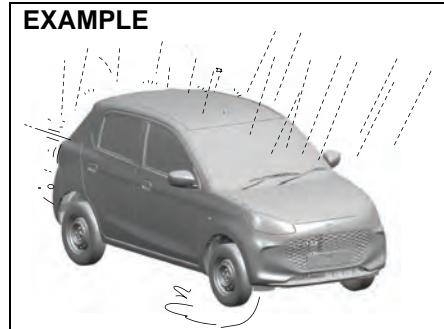
- 3) To remove and install the bulb of the high-mount stop light (2), simply pull out or push in the bulb.

**Interior light**

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



- 2) To remove the bulb push the bulb to the left side of holder and pull.

**Wiper blades**

If the wiper blades become brittle or damaged, or make streaks when wiping, replace the wiper blades.

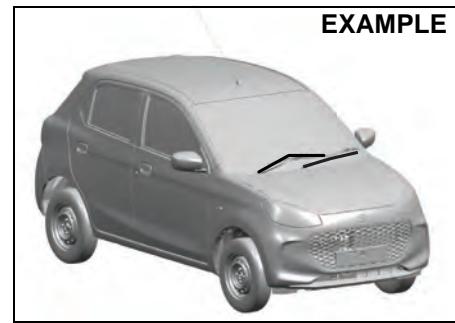
To install new wiper blade rubber, follow the procedures below.

**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.

**For windshield wipers:**

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

**NOTE:**

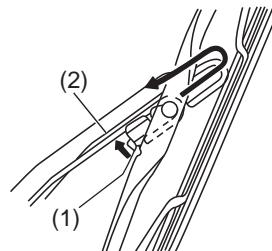
*When raising both of the front wiper arms, pull the driver's side wiper arm up first.*

*When returning the wiper arms, lower the passenger's side wiper arm first.*

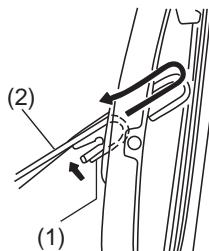
*Otherwise, the wiper arms may interfere with each other.*

## INSPECTION AND MAINTENANCE

### EXAMPLE



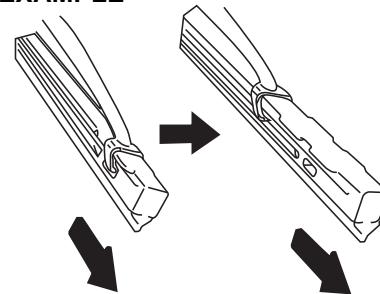
54G130



- 2) Squeeze lock (1) towards wiper arm (2) and remove the wiper frame from the arm as shown.
- 3) Unlock the lock end of the wiper blade and slide the blade out as shown.

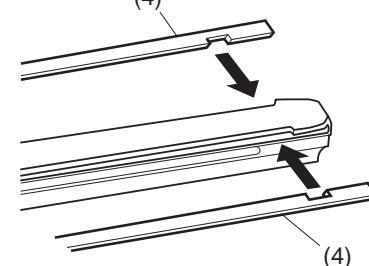
### Removal

#### EXAMPLE



60A260

### EXAMPLE



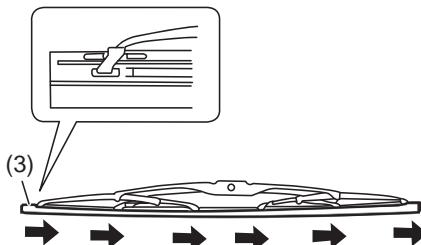
66RH108

### (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.

### Installation

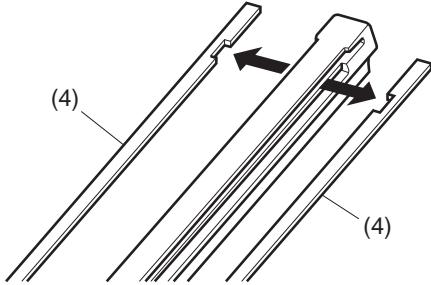
#### EXAMPLE



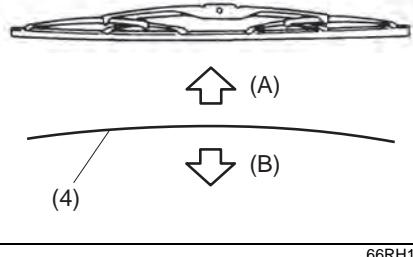
66RH107

### (3) Locked end

### EXAMPLE



66RH109

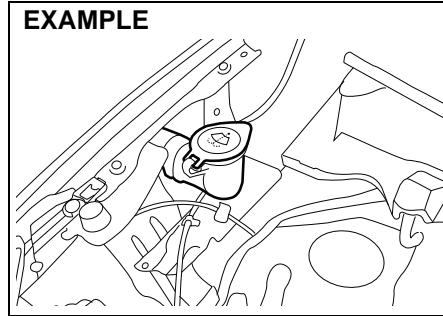
**EXAMPLE**

- (A) Up  
(B) Down

**NOTE:**

*When you install the metal retainers (4), check that the direction of metal retainers is as shown in the above illustrations.*

- 5) Install the new blade in the reverse order of removal, with the locked end positioned toward the wiper arm.  
Check that the blade is properly retained by all the hooks. Lock the blade end into place.
- 6) Reinstall wiper frame to arm, checking that the lock lever is snapped securely into the arm.

**Windshield washer fluid****EXAMPLE**

62SM06031

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

**NOTICE**

- Damage may result if the washer motor is operated with no fluid in the washer tank.
- Avoid use of hard water to prevent building of lime scale on the vehicle.

## 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.

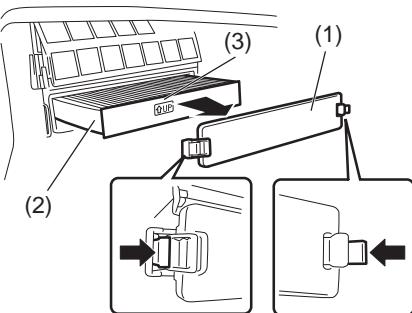
#### EXAMPLE



53TM06011

- 1) To approach the air conditioner filter, remove the glove box by pressing both sides of the glove box inward and pulling it out.

#### EXAMPLE



53TM06013

- 2) Remove the cover (1) and pull out the air conditioner filter (2).

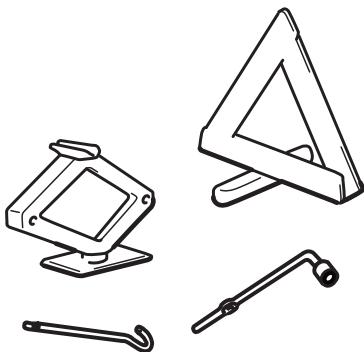
#### NOTE:

*When you install a new filter, check that the UP mark (3) faces upward.*

#### NOTICE

**Do not apply excessive force to the tab when removing the holder (1). Otherwise, the tab may be damaged.**

## **EMERGENCY SERVICE**

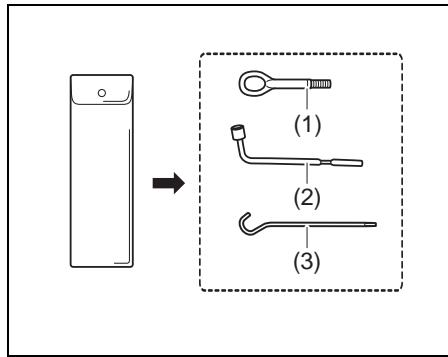


60G411A

Tire changing tool .....	7-1
Jacking instructions .....	7-3
Jump-starting instructions .....	7-7
Towing your vehicle .....	7-8
Engine trouble: Starter does not operate .....	7-9
Engine trouble: Flooded engine .....	7-10
Engine trouble: Overheating .....	7-10
Warning triangle .....	7-11

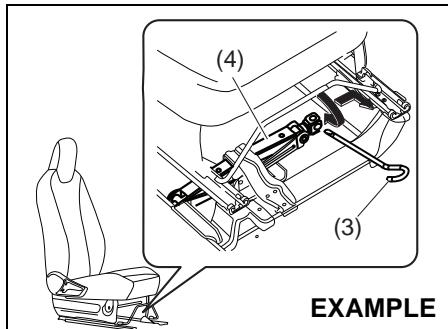
## EMERGENCY SERVICE

### Tire changing tool



62SM07005

- (1) Towing hook
- (2) Wheel wrench
- (3) Jack handle



EXAMPLE

62SM07004

The jack (4) is stowed under the driver's seat.

Slide the driver's seat backward.

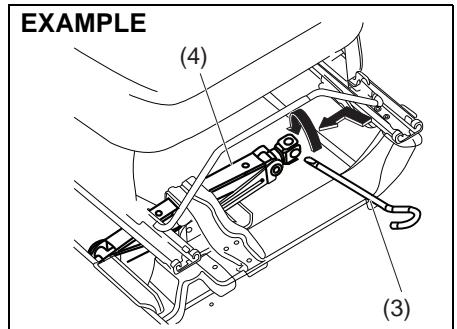
To remove the jack (4), turn the jack shaft counterclockwise by hand and pull the jack out of the storage bracket from the front side of the seat.

**NOTE:**

*If it is difficult to turn the shaft by hand, use jack handle (3) as shown in the illustration and move it downwards to turn the jack shaft counterclockwise.*

To stow the jack, place it in the storage bracket and turn the jack shaft clockwise with hand.

Check that jack does not get entangled with any harness while removing or placing it back.



62SM07006

After temporarily holding the jack (4) until it contacts the storage bracket, turn the shaft approximately 60° to 90° 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.**

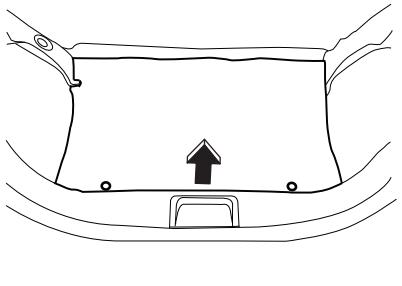
#### ! CAUTION

**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.**

#### NOTICE

**To avoid damaging the storage bracket, do not expand the jack excessively.**

### EXAMPLE



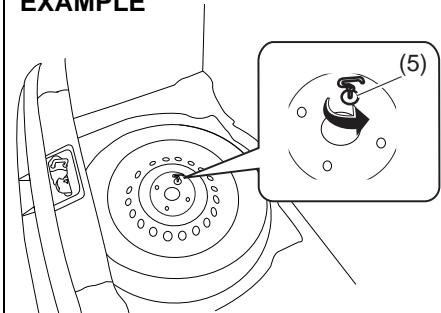
62SM07007

To remove the luggage compartment carpet (if equipped) easily, lift the carpet through the hole provided on the carpet and pull it out.

**NOTE:**

*When installing, install the carpet in the reverse order of removal.*

### EXAMPLE

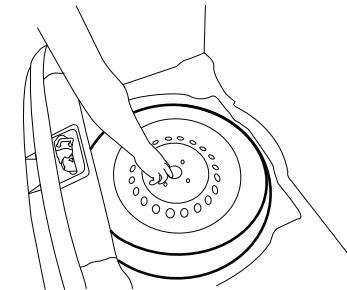


62SM07016

To remove the spare tire, turn its bolt (5) counterclockwise by hand.

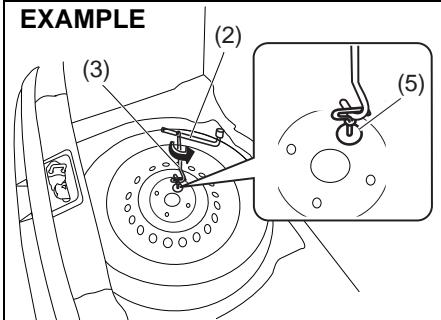
After removing bolt (5), take out the spare tire as shown in below illustrations.

### EXAMPLE



62SM07014

### EXAMPLE

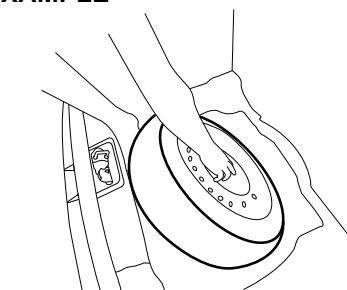


62SM07008

**NOTE:**

*If it is difficult to turn the bolt (5) by hand, use tools has shown in above illustration.*

### EXAMPLE



62SM07015

## EMERGENCY SERVICE

Store the spare tire in the reverse order of removal. Place the tire gently, do not drop from height to avoid any damage. After storing, verify that the spare tire is stored securely.

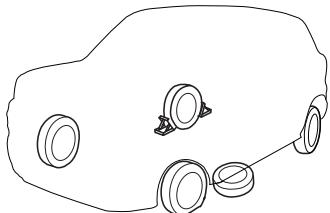
Make sure that there is no looseness by trying to shake the spare tire.

### NOTICE

If there is a looseness, it may cause a rattling and damage the paintwork.

## Jacking instructions

### EXAMPLE



62SM07002

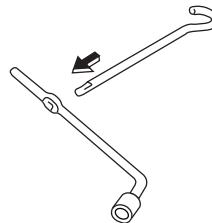
- 1) Place the vehicle on level, hard ground.
- 2) Set the parking brake firmly and shift into "R" (Reverse) if your vehicle has a manual transmission/Auto Gear Shift.

### WARNING

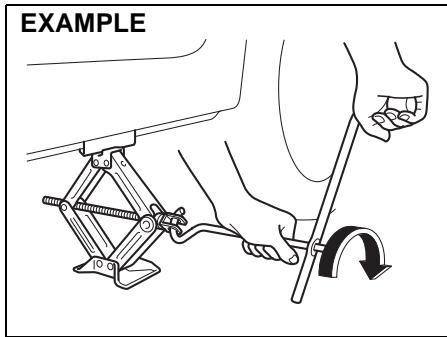
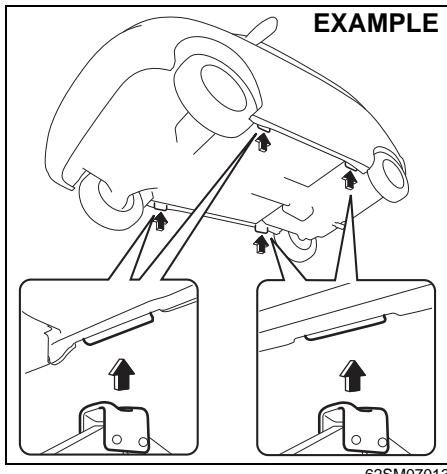
- Shift into "R" (Reverse) for a manual transmission/Auto Gear Shift vehicle when you jack up the vehicle.
- Never jack up the vehicle with the transmission in "N" (Neutral). Otherwise, unstable jack may cause an accident.

- 3) Turn on the hazard warning flasher if your vehicle is near traffic.
- 4) Block the front and rear of the wheel diagonally opposite of the wheel being lifted.
- 5) Place the spare wheel near the wheel being lifted as shown in the illustration in case the jack slips.

### EXAMPLE



54G25



- 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

If the jack comes off, your body may be caught in the vehicle and it may result in a serious injury. Also, the vehicle may start to move and it may result in an accident. When jacking up the vehicle, observe the following points.

- Jack up the vehicle on hard and level ground.
- Use the jack only for replacing the tyres or repair the flat tyres.
- Use this vehicle's jack only and do not use the other vehicle's jack. Also, do not use this vehicle's jack for the other vehicle.
- Place the jack on the designated position. If you place the jack on the position other than the designated one, the jack may come off and the vehicle may get damaged.
- Do not lift up the vehicle more than necessary by the jack.

(Continued)

#### ! WARNING

(Continued)

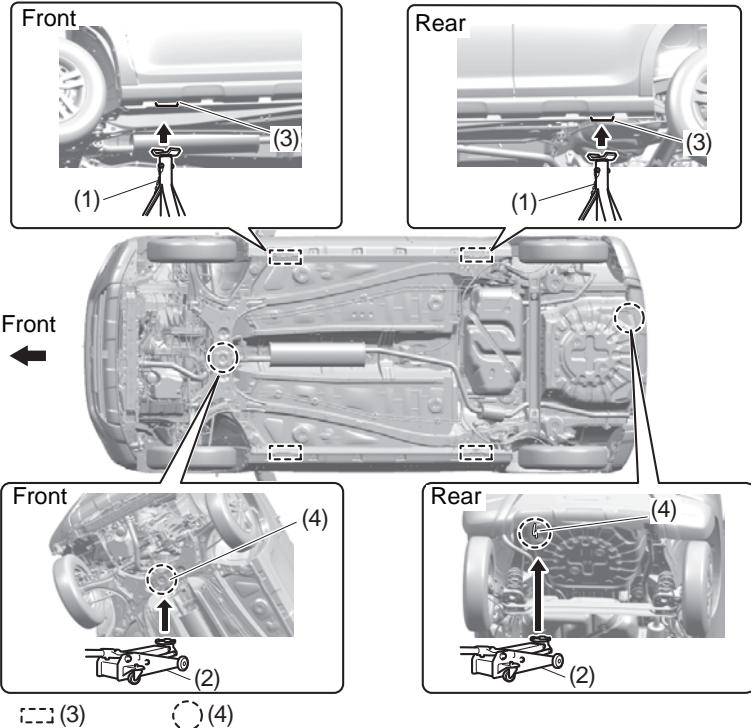
- Do not lift up several tyres at the same time, using several jacks
- When lifting up the vehicle by the jack, do not get into under the vehicle, do not start the engine and do not shake the vehicle.
- When lifting up the vehicle, do not pinch any object on or under the jack
- Do not use wooden blocks or similar objects as a jack underlay.
- Never get under the vehicle when it is supported by the jack. Never place your hands and feet under the raised vehicle when it is supported by a jack.
- Never run the engine when the vehicle is supported by the jack and never allow passengers to remain in the vehicle.

## EMERGENCY SERVICE

### 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.

#### EXAMPLE



- (1) Jack stand
- (2) Garage jack
- (3) Jacking Point for on-board Jack/Jack stand/ Two-column lift
- (4) Jacking point for garage jack

#### NOTE:

For more details, contact a Maruti Suzuki authorised workshop.

#### NOTICE

Never apply a garage jack to the exhaust pipe, side under spoiler (if equipped), engine undercover (if equipped) or rear torsion beam

### Changing wheels

#### ! WARNING

Never change a wheel in traffic lane. Always move the vehicle off the road on level, hard ground away from traffic for changing a wheel. For any further assistance contact your nearest Maruti Suzuki authorised workshop.

To change a wheel, use the following procedure:

- 1) Remove the jack, tools and spare wheel from the vehicle.
- 2) Loosen, but do not remove the wheel nuts.

62SM07009

- 3) Jack up the vehicle (follow the jacking instructions in this section).

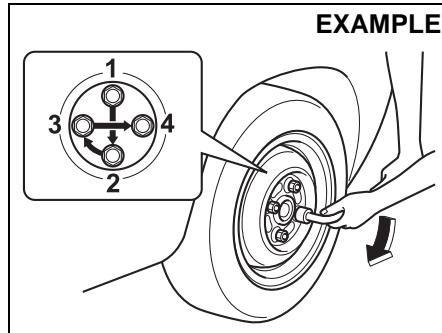
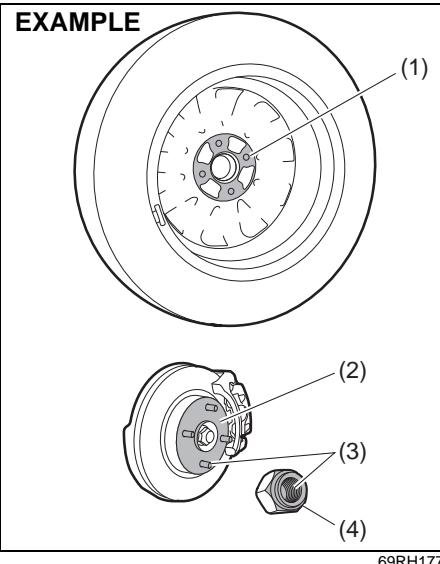
**⚠ WARNING**

- Shift into “R” (Reverse) for a manual transmission/Auto Gear Shift vehicle when you jack up the vehicle.
- Never jack up the vehicle with the transmission in “N” (Neutral). Otherwise, unstable jack may cause an accident.

**⚠ CAUTION**

Immediately after the vehicle has been driven, the wheels, the wheel nuts and the area around the brakes might be extremely hot. Touching these areas may cause burn injury. Do not touch these areas, immediately after the vehicle has been driven.

- 4) Remove the wheel nuts and wheel.



Tightening torque for wheel nut  
100 Nm (10.1 kg-m, 73.7 lb-ft)

- 7) Lower the jack and fully tighten the nuts with a wrench in numerical order as shown in the illustration.

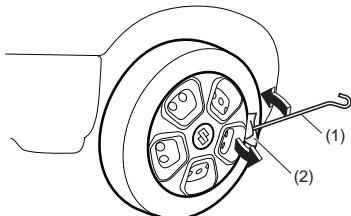
**⚠ WARNING**

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)

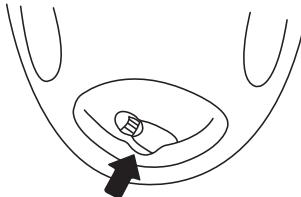
#### EXAMPLE



62SM07010

Remove the full wheel cover by using jack handle (1) covered with a soft cloth (2), as shown in the illustration.

#### EXAMPLE



54P000803

Ensure not to cover or foul the air valve while installing the full wheel cover.

### Jump-starting instructions

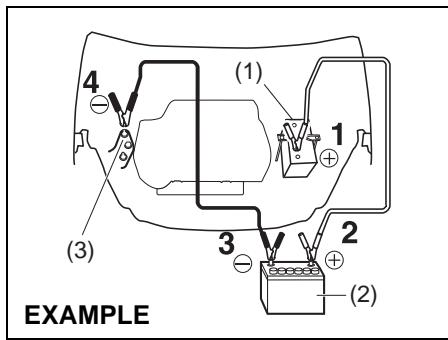
#### WARNING

- Never attempt to jump-start your vehicle if the battery appears to be frozen. Batteries in this condition may explode.
- When making jump lead connections, check that your hands and the jump leads remain clear from pulleys, belts or fans.
- Batteries produce flammable hydrogen gas. Keep flames and sparks away from the battery or an explosion may occur. Never smoke when working near the battery.
- If the booster battery you use for jump-starting is installed in another vehicle, check that the two vehicles are not touching each other.
- If your battery discharges repeatedly, for no apparent reason, have your vehicle inspected by a Maruti Suzuki authorised workshop.
- To avoid harm to yourself or damage to your vehicle or battery, follow the jump-starting instructions below.  
**If you are in doubt, call for qualified road service.**

#### NOTICE

Your vehicle should not be started by pushing or towing. This starting method could result in permanent damage to the catalytic converter. Use jump leads to start a vehicle with a weak or discharged battery.

- 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.
- Turn off all vehicle accessories, except those necessary for safety reasons (for example, headlights or hazard lights).



3) Connect jump leads as follows:

1. Connect one end of the first jump lead to the positive (+) terminal of the discharged battery (1).
2. Connect the other end to the positive (+) terminal of the booster battery (2).
3. Connect one end of the second jump lead to the negative (-) terminal of the booster battery (2).
4. Make the final connection to an unpainted, heavy metal part (i.e. engine mount bracket (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 battery, or an explosion may occur.

**! CAUTION**

Connect the jump lead to the engine mount bracket securely. If the jump lead disconnects from the engine mount bracket because of vibration at the start of the engine, the jump lead could be caught in the drive belts.

- 4) If the booster battery you are using is fitted to another vehicle, start the engine of the vehicle with the booster battery. Run the engine at moderate speed.
- 5) Start the engine of the vehicle with the discharged battery.
- 6) Remove the jump leads in the exact reverse order in which you connected them.

**Towing 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.

## EMERGENCY SERVICE

### 2-wheel drive (2WD) manual transmission or Auto Gear Shift

Manual transmission vehicles or Auto Gear Shift vehicles may be towed using either of the following methods.

- 1) From the front, with the front wheels lifted and the rear wheels on the ground. Before towing, check that the parking brake is released.
- 2) From the rear, with the rear wheels lifted and the front wheels on the ground, provided the steering and drivetrain are in operational condition. Before towing, check 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.

#### 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.
- After shifting the Auto Gear Shift gearshift lever to the "N" position, always check the gear position indicator in the instrument cluster shows the "N" position to make sure that the transmission is disengaged.  
If the transmission cannot be put in neutral, turn the key from the "LOCK" to the "ON" position, and move the Auto Gear Shift gearshift lever from "N" to "D", "M" or "R", then back to "N" again. Then turn the key from the "ON" to the "LOCK" position. These procedures may help put the transmission in neutral. If the transmission still cannot be put in neutral, you cannot tow the vehicle without using a towing dolly.

### Engine trouble: Starter does not operate

- 1) Try turning the ignition switch to "START" position with the headlights turned on to determine the battery condition. If the headlights go excessively dim or go off, it usually means that either the battery is discharged or the battery terminal contact is poor. Recharge the battery or correct battery terminal contact as necessary.
- 2) If the headlights remain bright, check the fuses. If the reason for failure of the starter is not obvious, there may be a major electrical problem. Have the vehicle inspected by a Maruti Suzuki authorised workshop.

## Engine trouble: Flooded engine

If the engine is flooded with petrol, it may be hard to start. If this happens, press the accelerator pedal all the way to the floor and hold it there while cranking the engine. Do not operate the starter motor for more than 12 seconds.

## Engine trouble: Overheating

The engine could overheat temporarily under severe driving conditions. If the high engine coolant temperature warning light comes on as overheating during driving:

- 1) Turn off the air conditioner, if equipped.
- 2) Take the vehicle to a safe place and park.
- 3) Let the engine run at the normal idle speed for a few minutes until the high engine coolant temperature warning light goes off.

### **! WARNING**

**If you see or hear escaping steam, stop the vehicle in a safe place and immediately turn off the engine to cool it. Do not open the hood when steam is present. When the steam can no longer be seen or heard, open the hood to see if the coolant is still boiling. If it is, you must wait until it stops boiling before you proceed.**

If the high engine coolant temperature warning light does not go off:

- 1) Turn off the engine and check that the water pump belt and pulleys are not damaged or slipping. If any abnormality is found, correct it.
- 2) Check the coolant level in the reservoir. If it is found to be lower than "LOW" line, check radiator, water pump, radiator hoses and heater hoses for leakage.

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 the "INSPECTION AND MAINTENANCE" section.)

### NOTE:

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

### EXAMPLE



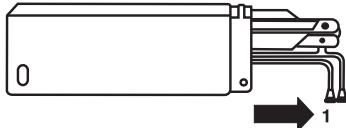
79J007

### ⚠ WARNING

- It is hazardous to remove the radiator cap when the water temperature is high, because scalding fluid and steam may be blown out under pressure. The cap should only be taken off when the coolant temperature has lowered.
- To help prevent personal injury, keep hands, tools and clothing away from the engine cooling fan and air-conditioner fan (if equipped). These electric fans can automatically turn on without warning.

### Warning triangle

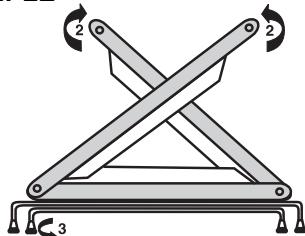
#### EXAMPLE



MH007001

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.

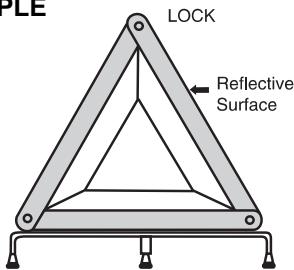
#### EXAMPLE



MH007014

- Remove the warning triangle carefully from the cover as shown by arrow 1.
- Open both the reflector arms as shown by arrow 2 and lock the arms with each other with the clip provided in the right arm. Open the bottom stand in counter-clockwise 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.

#### EXAMPLE



MH007015

## APPEARANCE CARE



53TM08001

Corrosion prevention .....	8-1
Vehicle cleaning .....	8-2

## APPEARANCE CARE

---

### Corrosion prevention

It is important to take good care of your vehicle to protect it from corrosion. Listed below are instructions for how to maintain your vehicle to prevent corrosion. Please read and follow these instructions carefully.

#### Important information about corrosion

##### Common causes of corrosion

- 1) Accumulation of road salt, dirt, moisture or chemicals in hard-to-reach areas of the vehicle underbody or frame.
- 2) Chipping, scratches and any damage to treated or painted metal surfaces resulting from minor accidents or abrasion by stones and gravel.
- 3) Any or all of the below mentioned points:
  - Continuous exposure to sunlight
  - Hard water and sea water coming in contact with vehicle.
  - Foot rubbing (skirting).

##### Environmental conditions which accelerate corrosion

- 1) Road salt, dust control chemicals, sea air or industrial pollution will all accelerate the corrosion of metal.
- 2) High humidity will increase the rate of corrosion particularly when the temperature range is just above the freezing point.

- 3) Moisture in certain areas of a vehicle for an extended period of time may promote corrosion even though other body sections may be completely dry.
- 4) High temperatures will cause an accelerated rate of corrosion to parts of the vehicle which are not well-ventilated to permit quick drying.

This information illustrates the necessity of keeping your vehicle (particularly the underbody) as clean and dry as possible. It is equally important to repair any damage to the paint or protective coatings as soon as possible.

### How to help prevent corrosion

#### Wash your vehicle frequently

The best way to preserve the finish on your vehicle and to help avoid corrosion is to keep it clean with frequent washing.

Wash your vehicle at least once during the winter and once immediately after the winter. Keep your vehicle, particularly the underside, as clean and dry as possible. If you frequently drive on salted roads, your vehicle should be washed at least once a month during the winter. If you live near the ocean, your vehicle should be washed at least once a month throughout the year.

For washing instructions, refer to "Vehicle cleaning" section.

### Remove foreign material deposits

Foreign material such as salts, chemicals, road oil or tar, tree sap, bird droppings and industrial fall-out may damage the finish of your vehicle if it is left on painted surfaces. Remove these types of deposits as quickly as possible. If these deposits are difficult to wash off, an additional cleaner may be required. Check this 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.

### **Store your vehicle in a dry, well-ventilated area**

Park your vehicle to save it from continuous exposure to direct sunlight.

Do not park your vehicle in a damp, poorly ventilated area. If you often wash your vehicle in the garage or if you frequently drive it in when wet, your garage may be damp. The high humidity in the garage may cause or accelerate corrosion. A wet vehicle may corrode even in a heated garage if the ventilation is poor.

#### **⚠ WARNING**

**Do not apply additional undercoating or rust preventive coating on or around exhaust system components such as the catalytic converter and exhaust pipes. A fire could be started if the undercoating substance becomes overheated.**

### **Vehicle cleaning**

#### **EXAMPLE**



53TM08002

#### **⚠ WARNING**

**When cleaning the interior or exterior of the vehicle, do not use flammable solvents such as lacquer thinners, petrol and benzene. Also, do not use cleaning materials such as bleaches and strong household detergents. The materials could cause personal injury or damage to the vehicle.**

### **Cleaning interior**

#### **Vinyl upholstery (Except front passenger seat)**

Prepare a solution of soap or mild detergent mixed with warm water. Apply the solution to the vinyl with a sponge or soft cloth and let it soak for a few minutes to loosen dirt.

Rub the surface with a clean, damp cloth to remove dirt and the soap solution. If some dirt still remains on the surface, repeat this procedure.

#### **Fabric upholstery (Except front passenger seat)**

Remove loose dirt with a vacuum cleaner. Using a mild soap solution, rub stained areas with a clean damp cloth. To remove soap, rub the areas again with a cloth dampened with water. Repeat this until the stain is removed, or use a commercial fabric cleaner for tougher stains. If you use a fabric cleaner, carefully follow the manufacturer's instructions and precautions.

## APPEARANCE CARE

### ▲ CAUTION

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

### Vinyl/ 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

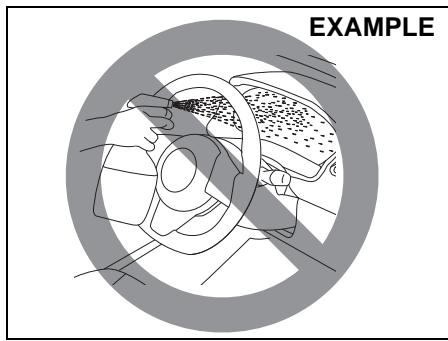
Remove dirt and soil as much as possible with a vacuum cleaner. Using a mild soap solution, rub stained areas with a clean damp cloth. To remove soap, rub the areas again with a cloth dampened with water. Repeat this until the stain is removed, or use a commercial carpet cleaner for tougher stains. If 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.

### ! WARNING

- 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.
- Do not spray water or any liquid directly on instrument cluster or any other electrical or electronic components. This may cause damage and/or lead to non-functioning of the part or may cause fire.



81RM08005

<b>NOTICE</b>
<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>

**Cleaning exterior**

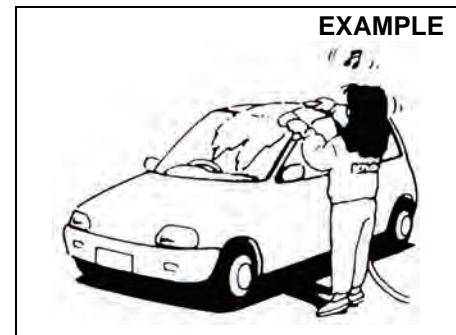
<b>NOTICE</b>
<p>It is important that your vehicle be kept clean and free from dirt. Failure to keep your vehicle clean may result in fading of the paint or corrosion to various parts of the vehicle body.</p>

**Caring for aluminum wheels****NOTE:**

- Do not use an acidic or alkaline detergent, or a cleaner containing petroleum solvent to wash aluminum wheels. These types of cleaner will cause permanent spots, discoloration and cracks on finished surfaces and damage to center caps.
- Do not use a bristle brush and soap containing an abrasive material. These will damage finished surfaces.

**Washing****! WARNING**

- Never attempt to wash and wax your vehicle with the engine running.
- When cleaning the underside of the body and fender, where there may be sharp-edged parts, wear gloves and a long-sleeved shirt to protect your hands and arms from being cut.
- After washing your vehicle, carefully test the brakes before driving to check that they have maintained their normal effectiveness.

**Washing by hand**

53TM08003

## APPEARANCE CARE

When washing the vehicle, park it in the place where direct sunlight does not fall on it and follow the instructions below:

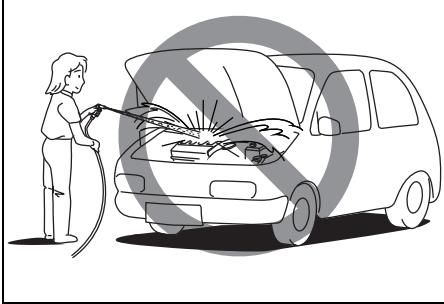
- 1) Flush the underside of body and wheel housings with pressurized water to remove mud and debris. Use plenty of water.

### NOTICE

#### When washing the vehicle:

- Avoid directing steam or hot water of more than 80°C (176°F) on plastic parts.
- To avoid damaging engine components, do not use pressurized water in the engine compartment.

### EXAMPLE



81RM08006

- 2) Rinse the body to loosen the dirt. Remove dirt and mud from the body exterior with running water. You may use a soft sponge or brush. Do not use hard materials which can scratch the paint or plastic. Remember that the headlight covers or lenses are made of plastic in many cases.

### NOTICE

To avoid damage to the paint or plastic surface, do not wipe the dirt off without ample water. Follow the above procedure.

- 3) Wash the entire exterior with a mild detergent or car wash soap using a sponge or soft cloth. The sponge or cloth should be frequently soaked in the soap solution.

### NOTICE

When using a commercial car wash product, observe the cautions specified by the manufacturer. Never use strong household detergents or soaps.

- 4) Once the dirt has been completely removed, rinse off the detergent with running water.
- 5) Wipe off the vehicle body with a wet chamois or cloth and allow it to dry in the shade.

- 6) Check carefully for damage to painted surfaces. If there is any damage, touch up the damage following the procedure below:

1. Clean all damaged spots and allow them to dry.
2. Stir the paint and touch up the damaged spots lightly using a small brush.
3. Allow the paint to dry completely.

### Washing by an automatic car wash

#### **NOTICE**

- If you use an automatic car wash, check that your vehicle's body parts, such as spoilers, cannot be damaged. If you are in doubt, consult the car wash operator for advice.
- Remove the antenna when using an automatic car wash.

### 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

#### **EXAMPLE**



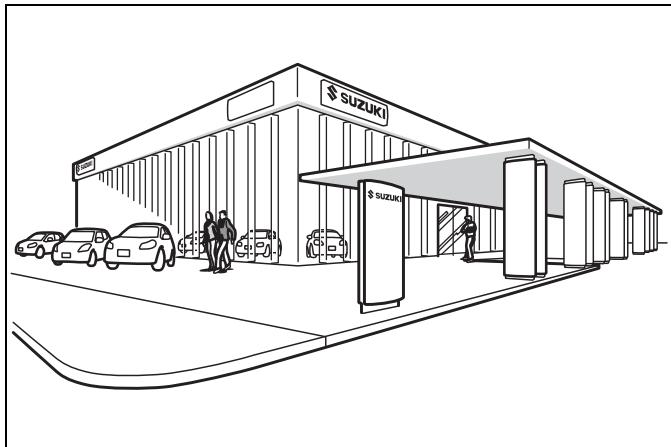
53TM08004

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



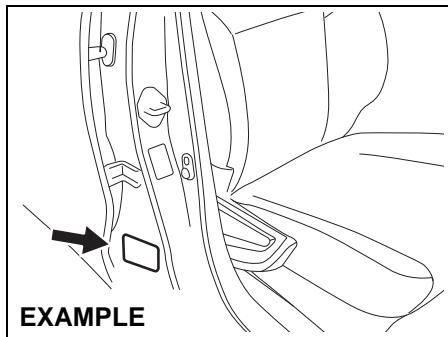
84MM01001

Vehicle identification .....	9-1
FASTag (if equipped) .....	9-2
High Security Registration Plate (HSRP) .....	9-3
Fuel Recommendation .....	9-4
Specifications .....	9-5

## SPECIFICATIONS

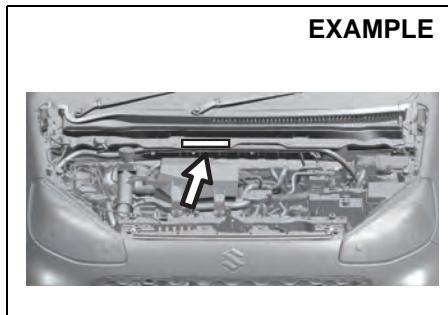
### Vehicle identification

#### Chassis serial number



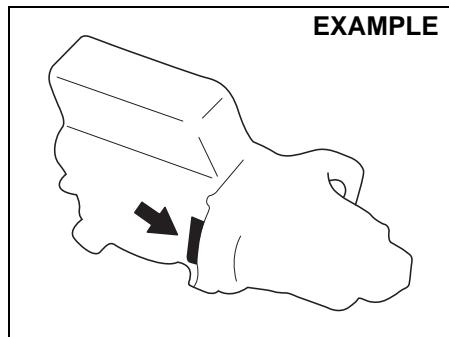
62SM09001

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.



53TM09001

#### Engine serial number



60G128

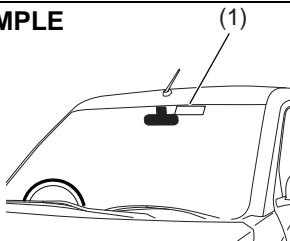
The engine serial number is stamped on the cylinder block as shown in the illustration.

## 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.

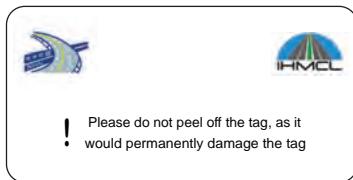
### EXAMPLE



69RM09001

## As seen from inside of the vehicle

### EXAMPLE



64MM01002

### NOTE:

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

## As seen from outside of the vehicle

### EXAMPLE



64MM01003

### NOTE:

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

### NOTE:

- Any attempt to remove the tag from the windscreen will result in permanent damage to the tag.
- Use of chemical cleaners to clean the windscreen area where the tag is mounted can damage the tag.
- Use of any sharp objects on the tag can damage the tag.

## SPECIFICATIONS

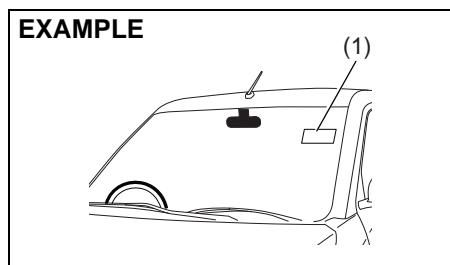
### High Security Registration Plate (HSRP)

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

HSRP contains:

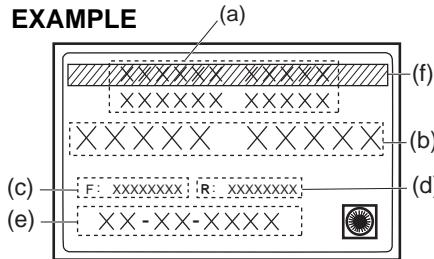
- Front and rear HSRP, which will be fitted with 2 snap-locks each on number plate area.
- Third license plate on front windshield.

### Third License Plate



### Third license plate - As seen from outside of the vehicle

#### EXAMPLE



72RM09002

- (a) HSRP issuing authority name
- (b) Vehicle registration number
- (c) Unique laser number - Front plate
- (d) Unique laser number - Rear plate
- (e) Date of 1st registration  
(in DD-MM-YYYY format)
- (f) Green strip (BS6 vehicle)

#### NOTE:

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

#### NOTE:

- Any attempt to remove the third license plate from the windscreens will result in permanent damage to the label.
- Use of chemical cleaners to clean the windscreens area where the label is mounted can damage the same.

- Use of any sharp objects on the label can damage the label.

- In the event of any replacement of the third license plate, may please contact the approved authority.

### Third license plate - As seen from inside of the vehicle

#### EXAMPLE



#### 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 Recommendation

### Petrol Engine

To avoid damaging catalytic converter, you must use unleaded petrol with an octane number (RON) of 91 or higher.

### Gasoline/Ethanol blends

Blends of unleaded gasoline and ethanol (grain alcohol), also known as gasohol, are commercially available in certain areas. Blends of this type are recommended for this vehicle if they are no more than 10% ethanol. The vehicle may also be plied with blend of no more than 20% ethanol.

#### NOTE:

*If you are not satisfied with the driveability or fuel economy of your vehicle when you are using 20% ethanol blend, you should switch back to blend of no more than 10% ethanol.*

### Gasoline containing MTBE

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

### CAUTION

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

### NOTICE

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

M/T: Manual transmission

ITEM: Dimensions		UNIT: mm
Overall length		3530
Overall width		1490
Overall height (Unladen)		1520
Wheelbase		2380
Track	Front	1315
	Rear	1320

ITEM: Mass (weight)		UNIT: kg	K10C Petrol	K10C CNG
Curb mass (weight)	M/T	716-735	821	-
	Auto Gear Shift	739-741		-
Gross vehicle mass (weight) rating		1150	1150	1150
Permissible maximum axle weight	Front	650	650	650
	Rear	650		650

## SPECIFICATIONS

---

<b>ITEM: Engine</b>	
Type	K10C
Number of cylinders	3
Bore	73.0 mm (2.87 in.)
Stroke	79.5 mm (3.13 in.)
Piston displacement	998 cm <sup>3</sup> (998 cc, 60.9 cu.in)
Compression ratio	11.5: 1

<b>ITEM: Electrical</b>	
Standard spark plug	NGK ILZKR6F11
Battery	12V 34B19L
Fuses	See "INSPECTION AND MAINTENANCE" section.

## SPECIFICATIONS

---

ITEM: Lights	WATTAGE	BULB No.
Headlight	12V 60/55W	H4
Position light	12V 5W	W5W
Turn signal light	Front	12V 21W
	Rear	12V 21W
Side turn signal light	12V 5W	W5W
Tail/brake light	12V 21/5W	P21/5W
High-mount stop light	12V 16W	W16W
Reversing light	12V 21W	P21W
License plate light	12V 5W	W5W
Interior light	12V 10W	C10W

ITEM: Wheels and tires	
Tire size (front, rear and spare)	145/80R13 75S <sup>*1</sup>
Rim size	145/80R13 tire: 4.00BX13
Tire pressures	For the specified tire pressure, see the tire information label located on the driver's door lock pillar.

\*1: When tire replacement is necessary and if the specified load index and speed rated tire is not available, then use a tire of higher load index and speed rating.

If applicable: The provision of different spare wheel is as per government notification/regulation (MORTH notification vide GSR 625 (E)).

<b>ITEM: Recommended fuel / lubricants and capacities (approx.)</b>			
Fuel		See "Fuel" in this section.	27 L <sup>#</sup>
Engine oil	For India	Classification: API SN, SP ILSAC GF-6 Viscosity: SAE 0W-16	2.8 L (replacement with oil filter)
	Except for India	Classification: API SL, SM, SN, SP ILSAC GF-6 Viscosity: SAE 0W-16, 0W-20, 5W-30	
Engine coolant	Petrol	(with heater)	3.8 L (including reservoir tank)
		(without heater)	3.7 L (including reservoir tank)
		CNG	3.9 L (including reservoir tank)
Transmission oil	M/T	"MARUTI GENUINE GEAR OIL 75W"	1.5 L
	Auto gear shift		1.5 L
Brake fluid		MARUTI GENUINE BRAKE FLUID (MGBF) or SAE J1703 or DOT 3	Refill to the proper oil level according to the instructions in "INSPECTION AND MAINTENANCE" section.
Auto Gear Shift (AGS) Actuator Oil		-	0.55L (including reservoir tank)

# 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.

## BATTERY LABEL SYMBOL MEANINGS

	No smoking, no naked flames, no sparks		Battery acid
	Shield eyes		Note operating instructions
	Keep away from children		Explosive gas

Prepared by

**MARUTI SUZUKI INDIA LIMITED**

Service Division

February, 2023

Part No. 99011M53T02-74E

Printed in India

**For round-the-clock on-road assistance,  
call Maruti On-road Service at 1800 102 1800<sup>#</sup> / 1800 1800 180<sup>#</sup>**

*# No STD code to be prefixed.*



SERVICE DIVISION

**MARUTI SUZUKI INDIA LIMITED**

Palam-Gurgaon Road, Gurgaon – 122 015 (Haryana), India

Visit us at: [www.maritisuzuki.com](http://www.maritisuzuki.com)



99011M53T02-74E