This Owner Manual & Service Booklet applies to the IGNIS series produced by MARUTI SUZUKI INDIA LIMITED

Prepared by
MARUTI SUZUKI INDIA LIMITED
Service Division
January, 2017
Part No. 99011M66R00-7AE
Printed in India

© COPYRIGHT MARUTI SUZUKI INDIA LIMITED 2017

For 24 X 7 assistance, contact Toll Free number 1800 200 6392* (NEXA)

# No STD code to be prefixed.

Note: The illustrated model is one of the IGNIS Series.
Dear Sir/Madam,

Thank you for choosing a Maruti Suzuki vehicle.

I hope our dealership team took good care while delivering the vehicle to you.

Your vehicle is equipped with state-of-the-art technologies. To get the best performance from your vehicle (and ensure it is trouble-free), kindly get your vehicle serviced periodically, as per the maintenance schedule in your Owner’s Manual. Please make sure the service is done at a Maruti Suzuki authorized workshop for best results.

For any accessories that you wish to fit on to your vehicle, please contact any of our authorized dealers for assistance. Kindly appreciate that any tampering of wiring harness to fit accessories may cause the vehicle to malfunction.

Thank you once again for choosing a Maruti Suzuki vehicle.

I wish you many years of safe and happy driving.

Yours sincerely

Pankaj Narula
Sr. Advisor (Service)

MARUTI SUZUKI INDIA LIMITED
Palam Gurgaon Road,
Gurgaon-122015
www.marutisuzuki.com
Vehicle may break-down, meet with an accident or catch fire due to
1. Installation of
   - High wattage bulbs
   - Non genuine lamps / horns
   - Modified suspension / wheels
   - Non genuine parts / accessories etc.
2. Retrofitment of LPG / CNG fuel systems/kits.
3. Usage of domestic LPG.
4. Short circuiting due to tampering of wiring harness.

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

Avoid driving into or starting the vehicle in a heavily water logged area. Vehicle may break-down or engine may fail due to
1. Water entry into the engine.
2. Short circuiting of the electrical systems.

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

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

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

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

Daily inspection and care as per “DAILY INSPECTION CHECKLIST” described in the “INSPECTION AND MAINTENANCE” section of this manual is essential for prolonging the life of the vehicle and for safe driving.

MARUTI SUZUKI INDIA LIMITED believes in conservation and protection of Earth’s natural resources. To that end, we encourage every vehicle owner to recycle, trade-in or properly dispose of, as appropriate, used Engine Oil, coolant and other fluids, batteries and tyres etc.

MARUTI SUZUKI INDIA LIMITED

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

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

The circle with a slash in this manual means “Don’t do this” or “Don’t let this happen”.

---

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

**NOTICE**
Improper installation of mobile communication equipment such as cellular telephones, CB (Citizen’s Band) radios or any other wireless transmitters may cause electronic interference with your vehicle’s ignition system, resulting in vehicle performance problems. Consult your MARUTI SUZUKI dealer or qualified service technician for advice.

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

Maruti Suzuki India Limited (hereinafter called “Maruti Suzuki”), warrants that each new Maruti Suzuki vehicle distributed in India by Maruti Suzuki and sold by an authorised Maruti Suzuki NEXA 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 Maruti Suzuki vehicle must be delivered by authorised Maruti Suzuki NEXA dealer and serviced by authorised Maruti Suzuki 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. The owner is responsible for any repair or replacements which are not covered by this warranty.

(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, headlight aiming, fastener retightening, wheel balancing, wheel alignment and tyre rotation, cleaning of injectors, ignition timing, clutch and valve clearance.
(b) The replacement of normal wear parts including without limitation, bulbs, tyres and tubes, spark plugs, belts, hoses, filters, wiper blades, brushes, contact points, fuses, clutch disc, brake shoes, brake pads, cable and all rubber parts (except oil seal and glass run).
(c) Any vehicle which has been used for competition or racing.
(d) Any repairs or replacement required as a result of accidents or collision.
(e) Any defects caused by misuse, negligence, abnormal use or insufficient care.
(f) Any vehicle which has been modified or altered, including without limitation, the installation of performance accessories.
(g) Any vehicle on which parts or accessories not approved by Maruti Suzuki have been used.
(h) Any vehicle which has not been operated in accordance with the operating instructions in this Owner’s Manual and Service Booklet.
(i) Any vehicle which has not received, during the warranty term, the service inspections prescribed in this Owner’s Manual and Service Booklet.
(j) Any vehicle which has been assembled, disassembled, adjusted or repaired by other than authorised Maruti Suzuki workshop.
(k) Any vehicle which has been used for purposes other than what it was designed for.
(l) Any damage or deterioration caused by industrial pollution and bird droppings.

(m) Insignificant defects which do not affect the function of the vehicle including without limitation, sound, vibration and fluid seep.

(n) Any natural wear and tear including without limitation, ageing etc.

(o) Installation and usage of domestic LPG gas/LPG Cylinder.

(p) V-belts, hoses and gas leaks.

(q) Any vehicle retrofitted with LPG/CNG kits.

(5) Extent of Warranty:
This warranty is the entire written warranty given by Maruti Suzuki for Maruti Suzuki vehicles and no dealer or its or his agent or employee is authorised to extend or enlarge this warranty and no dealer or its or his agent or employee is authorised to make any oral warranty on Maruti Suzuki’s behalf.

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

(6) Warranty Service:
To obtain warranty service, the complete vehicle must be presented at the owner’s expenses to any authorised Maruti Suzuki workshop.

(7) Owner’s Warranty Responsibilities:
It is responsibility of each owner to:

– Have performed, at his own expenses, by an authorised Maruti Suzuki 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.

– Make certain that the authorised Maruti Suzuki workshop has certified the work on the “Maintenance Service Record” page in the “Owner’s Manual and Service Booklet” and

– Present the Maruti Suzuki “Owner’s Manual and Service Booklet” to the authorised Maruti Suzuki 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 authorised Maruti Suzuki workshop from whom the vehicle was purchased for instructions concerning replacement of the “Owner’s Manual and Service Booklet”.

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

(9) Change of Owner
Even if ownership of the vehicle changes, the remaining warranty period is effective for the new owner.
EMISSION WARRANTY POLICY

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

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

Conditions:
1. Under Emission Warranty, Warranty claims will be admitted for a prima-facie examination, in case vehicle fails to meet the Emission Standard as specified in sub rule (2) of rule no. 115 of Central Motor Vehicles Rules (CMVR), 1989.
2. The warranty claims will only be accepted after examination carried out by Maruti Suzuki or authorised Maruti Suzuki 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 authorised Maruti Suzuki workshop and results of the examination will be final and binding. If after examination, the warrantable condition is not established, Maruti Suzuki and authorised Maruti Suzuki 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 authorised Maruti Suzuki 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 authorised Maruti Suzuki 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 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 authorised Maruti Suzuki workshop as per the schedule specified in the Owner’s Manual.
3. Vehicle subjected to abnormal use (accident, motor race, rallies or for the purpose of establishing the records etc).
4. Use of non MGP (Maruti Genuine Part).
5. Vehicle 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 covered under Emission Warranty

1. Fuel Injection Assembly, Pressure Regulator, Throttle Body Assembly.
2. Electronic Control Module (ECM).
3. Intake Manifold.
4. EGR valve.
5. Ignition Coil.
6. Canister Assembly.
7. Vapour Liquid Separator.
9. PCV (Positive Crankcase Ventilation) Valve.
10. Oil Filler Cap.
12. Exhaust Manifold.
13. All Fuel Injection System related Sensors.
15. Glow Plug.
<table>
<thead>
<tr>
<th>TABLE OF CONTENTS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FUEL RECOMMENDATION</td>
<td>1</td>
</tr>
<tr>
<td>BEFORE DRIVING</td>
<td>2</td>
</tr>
<tr>
<td>OPERATING YOUR VEHICLE</td>
<td>3</td>
</tr>
<tr>
<td>DRIVING TIPS</td>
<td>4</td>
</tr>
<tr>
<td>OTHER CONTROLS AND EQUIPMENT</td>
<td>5</td>
</tr>
<tr>
<td>VEHICLE LOADING AND TOWING</td>
<td>6</td>
</tr>
<tr>
<td>INSPECTION AND MAINTENANCE</td>
<td>7</td>
</tr>
<tr>
<td>EMERGENCY SERVICE</td>
<td>8</td>
</tr>
<tr>
<td>APPEARANCE CARE</td>
<td>9</td>
</tr>
<tr>
<td>GENERAL INFORMATION</td>
<td>10</td>
</tr>
<tr>
<td>SPECIFICATIONS</td>
<td>11</td>
</tr>
</tbody>
</table>
FUEL RECOMMENDATION

Fuel Recommendation

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

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

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

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

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

NOTICE
Be careful not to spill fuel containing alcohol while refueling. If fuel is spilled on the vehicle body, wipe it up immediately. Fuels containing alcohol can cause paint damage, which is not covered under the New Vehicle Warranty.
Diesel Engine
You must use diesel fuel with Cetane Number (CN) higher than 51 and sulfur content less than 350 ppm (parts per million). MARUTI SUZUKI recommends to use the diesel fuel conformable to EN590. Do not use marine diesel fuel, heating oils and so forth.

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

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

Keys ................................................................. 2-1
Door locks ......................................................... 2-2
Keyless push start system remote controller /
Keyless entry system transmitter (if equipped) .... 2-6
Security system (if equipped) ............................ 2-15
Windows .......................................................... 2-18
Mirrors .............................................................. 2-21
Front seats ....................................................... 2-22
Rear seats ........................................................ 2-24
Seat belts and child restraint systems ................. 2-26
Supplemental restraint system (air bags) ............... 2-42
Instrument cluster .............................................. 2-49
Speedometer .................................................... 2-50
Tachometer (if equipped) ................................. 2-50
Fuel gauge ....................................................... 2-51
Brightness control ............................................ 2-51
Information display (instrument cluster with tachometer) .... 2-53
Information display (instrument cluster without tachometer) 2-66
Warning and indicator lights ............................. 2-72
Lighting control lever ....................................... 2-78
Front fog light switch (if equipped) .................... 2-79
Headlight leveling switch ................................. 2-80
Turn signal control lever ................................... 2-80
Hazard warning switch ...................................... 2-81
Windshield wiper and washer lever ................. 2-82
Tilt steering lock lever ....................................... 2-84
Horn ................................................................. 2-84
Heated rear window switch (if equipped) .......... 2-85
BEFORE DRIVING

Keys

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

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

KEY NUMBER:

Immobilizer system

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

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

For vehicles without a keyless push start system
If this light blinks or comes on, turn the ignition switch to “LOCK” position, and then turn it back to “ON” position. If the light still blinks or comes on after the ignition switch is turned back to “ON” position, there may be something wrong with your key or with the immobilizer system. Ask your authorised Maruti Suzuki workshop to have the system inspected.

For vehicles with a keyless push start system
If this light blinks or comes on, change the ignition mode to LOCK (OFF), and then change it back to “ON”. Also refer to “If the master warning indicator light blinks or comes on and the engine cannot be started” in “Starting the engine (vehicle with keyless push start system)” in the “OPERATING YOUR VEHICLE” section. If the light still blinks or comes on after the ignition mode is changed back to “ON”, there may be something wrong with your key or with the immobilizer system. Ask your authorised Maruti Suzuki workshop to have the system inspected.
The immobilizer/keyless push start system warning light may also blinks if the remote controller is not in the vehicle when you close the door or attempt to start the engine.

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

### 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

<table>
<thead>
<tr>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) UNLOCK</td>
</tr>
</tbody>
</table>

To lock a driver's door from outside the vehicle:
- Insert a key and turn the top of the key toward the front of the vehicle, or
- Turn the lock knob forward, then pull and hold the door handle as you close the door.
BEFORE DRIVING

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

**EXAMPLE**

(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:**
Hold the door handle when you close a locked front door, or the door will not remain locked.

Central door locking system

**EXAMPLE**

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

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

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

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

**NOTE:**
You can switch the function that unlocks all doors from requiring two turns to requiring one turn, and vice versa, via the information display setting mode. For details on how to use the information display, refer to “Information display” in this section.

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

**EXAMPLE**

(1) LOCK
(2) UNLOCK

You can also lock or unlock all doors from inside by depressing the front or rear of the switch, respectively on the driver side.
NOTE:
• If your vehicle is equipped with the keyless entry system or keyless push start system, you can also lock or unlock all doors by operating the transmitter or remote controller. Refer to “Keyless push start system remote controller / Keyless entry system transmitter” in this section.
• If your vehicle is equipped with the keyless push start system, you can also lock or unlock all doors by pushing the request switch. Refer to “Keyless push start system remote controller / Keyless entry system transmitter” in this section.
• All doors are automatically unlocked when you change the ignition mode to LOCK (OFF) or turn the ignition switch to the “LOCK” position and pull out the key.
• All doors are automatically locked for safety when the vehicle speed reaches 15 km/h.
• You can change the automatic locking or unlocking function mentioned above via the setting mode of the information display. For details on how to use the information display, refer to “Information display” in this section.

Child-proof locks (rear door)

(1) LOCK
(2) UNLOCK

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

Tailgate

Type A

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

EXAMPLE

You can lock and unlock the tailgate by using the key in the driver’s door lock.
BEFORE DRIVING

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

If you cannot unlock the tailgate by using the key in the driver’s door lock due to a discharged battery or malfunction, follow the procedure below to unlatch the tailgate from inside the vehicle.

1) Remove the luggage compartment cover (if equipped) and fold the rear seat forward for easier access. Refer to “Folding rear seats” section for details on how to fold the rear seat forward.

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

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

3) Move the lever (3) in arrow direction by using a flat blade screwdriver to unlock the tailgate.

4) From outside the vehicle, pull up the tailgate handle (4) and lift the tailgate.

EXAMPLE

Type B

EXAMPLE

You can lock or unlock the tailgate by using the key in the tailgate lock (1).

To open the tailgate, pull up the tailgate handle (2) and lift the tailgate.

NOTICE

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

If the tailgate cannot be unlocked, have the vehicle inspected by your authorised Maruti Suzuki workshop.
Your vehicle is equipped with either a keyless push start system remote controller (Type A) or a keyless entry system transmitter (Type B). The remote controller has a keyless entry system and a keyless push start system. The transmitter has only a keyless entry system. For details, refer to the following explanations.

**Keyless push start system remote controller (Type A)**

The remote controller enables the following operations:

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

**WARNING**

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

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

**Keyless entry system transmitter (if equipped)**

The transmitter has only a keyless entry system. For details, refer to the following explanations.

**EXAMPLE**

(1) LOCK button
(2) UNLOCK button
BEFORE DRIVING

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

Central door locking system
• To lock all doors, push LOCK button (1) once.
• To unlock only the driver’s door, push UNLOCK button (2) once.
• To unlock other doors, push UNLOCK button (2) once again.

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

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

When the doors are unlocked:
• The turn signal lights will flash twice and the siren will sound twice.
• 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 press the engine switch during this time, the light will start to fade out immediately.

Make sure that the doors are locked after you operate LOCK button (1). If no door is opened within about 30 seconds after UNLOCK button (2) is operated, the doors will automatically lock again.

NOTE:
• If you lock the doors using the remote controller when the engine hood is open, the siren will sound 3 times to remind you.
• If the security system was triggered due to an unauthorized entry into the vehicle and then you unlock the doors using the remote controller, the siren will sound 4 times to remind you. If this happens, check whether your vehicle has been broken into while you were away from it.
• Once you push both of the LOCK button (1) and UNLOCK button (2), then you push one of the buttons within 5 seconds, the siren will not sound. However, if you push one of the buttons twice or more within 5 seconds, or push one of the buttons 5 seconds later, the siren will sound.
• You can set whether the siren sounds when locking or unlocking the doors via the setting mode of the information display. For details on how to use the information display, refer to “Information display” in this section.

NOTE:
• The maximum operating distance of the remote controller is about 5 m (16 ft.), but this can vary depending on the surroundings, especially near other transmitting devices such as radio towers or CB (Citizen’s Band) radios.
• The door locks cannot be operated with the remote controller if the ignition mode is in any other mode than LOCK (OFF).
• If any door is open, you cannot lock the door by operating the remote controller, however unlock the door.
• If you lose one of the remote controllers, ask your authorised Maruti Suzuki workshop as soon as possible for replacement. Have your dealer program the new remote controller code in your vehicle’s memory so that the old code is erased.
BEFORE DRIVING

Panic alarm function
This function is to get the attention of others.
Push both of the LOCK button (1) and UNLOCK button (2) for more than 3 seconds. The turn signal lights will blink for about 27.5 seconds. Also, the siren will sound for about 27.5 seconds at the same time.
To cancel the panic alarm, press any button (LOCK or UNLOCK).
You can also cancel the panic alarm in any of the following operations.
• Press the engine switch to change the ignition mode to ON.
• Bring the remote controller with you and press the request switch.

NOTE:
The panic alarm function will not activate when the ignition mode is ACC or ON.

Keyless unlocking/locking using the request switches
EXAMPLE

To unlock a door or all doors:
• Push one of the request switches once to unlock only one door.
• Push one of the request switches twice to unlock all doors.

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

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

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

NOTE:
The door locks cannot be operated by the request switch under the following conditions:
– If any door is open or is not completely closed.
– If the ignition mode is in any other mode than LOCK (OFF).
BEFORE DRIVING

• If no doors are opened within about 30 seconds after unlocking the doors by pushing the request switch, the doors will be locked again automatically.

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

NOTE:
The keyless push start system may not function correctly in certain environments or under certain operating conditions such as the following:
• When there are strong signals coming from a television, power station or a cellular phone.
• When the remote controller is in contact with or covered by a metal object.
• When a radio wave type remote keyless entry is used nearby.
• When the remote controller is placed near an electronic device such as a personal computer.

Some additional precautions you should take and information you should be aware of are:
• Make sure that the key is stowed in the remote controller. If the remote controller becomes unreliable, you will not be able to lock or unlock the doors.

NOTICE

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

EXAMPLE

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

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

NOTICE

The remote controller is a sensitive electronic instrument. To avoid damaging the remote controller:
• Do not expose it to impacts, moisture or high temperature such as by leaving it on the dashboard under direct sunlight.
• Keep the remote controller away from magnetic objects such as a television.
• Make sure that the driver always carries the remote controller.
• If you lose one of the remote controllers, ask your authorised Maruti Suzuki workshop as soon as possible for a replacement. Have your dealer program the new remote controller code in your vehicle’s memory so that the old code is erased.
• You can use up to four remote controllers and the keys for your vehicle. Ask your authorised Maruti Suzuki workshop for details.
• The battery life of the remote controller is about two years, but it can vary depending on usage conditions.

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

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

Request switch warning buzzer
This exterior buzzer beeps for about 2 seconds in the following conditions to warn you that the request switch will not work.
• The request switch is pressed after all doors are closed with the ignition mode changed to ACC or ON by pressing the engine switch when the remote controller is outside the vehicle.
• The request switch is pressed in any of the following conditions after changing the ignition mode to LOCK (OFF) by pressing the engine switch.
  – The remote controller is left inside the vehicle.
  – Any door (including the tailgate) is open.

Press the request switch again after doing the following:
With the ignition mode changed to LOCK (OFF) by pressing the engine switch, bring out the remote controller if it is inside the vehicle and make sure that all doors are completely closed.

Reminder function
If the remote controller is not in the vehicle under the following conditions, the buzzer sounds intermittently for about 2 seconds and the immobilizer/keyless push start system warning light on the instrument cluster blinks. When one or more doors are opened and all of the doors are later closed with the ignition in any other mode than LOCK (OFF).
BEFORE DRIVING

The indicator light will turn off within several seconds after the remote controller is returned to an area of the vehicle other than the rear luggage area.

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

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

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

Battery replacement

If the remote controller becomes unreliable, replace the battery.

To replace the battery of the remote controller:

1) Pull the key out from the remote controller.
2) Insert a flat-bladed screwdriver covered with a soft cloth in the slot of the remote controller and pry it open.

EXAMPLE

(1) Lithium disc type battery: CR2032 or equivalent

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

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

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

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

---

**Keyless entry system transmitter (Type B)**

**EXAMPLE**

(1) LOCK button
(2) UNLOCK button

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

**Central door locking system**

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

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

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

When the doors are unlocked:
- The turn signal lights will flash twice and the siren will sound twice.
- 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 insert the key into the ignition switch during this time, the light will start to fade out immediately.

Make sure 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.
BEFORE DRIVING

NOTE:
• If you lock the doors using the transmitter when the engine hood is open, the siren will sound 3 times to remind you.
• If the security system was triggered due to an unauthorized entry into the vehicle and then you unlock the doors using the transmitter, the siren will sound 4 times to remind you. If this happens, check whether your vehicle has been broken into while you were away from it.
• Once you push both of the LOCK button (1) and UNLOCK button (2), then you push one of the buttons within 5 seconds, the siren will not sound. However, if you push one of the buttons twice within 5 seconds, or push one of the buttons 5 seconds later, the siren will sound.

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 not flash.
• If you lose one of the transmitters, ask your authorised Maruti Suzuki 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.

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

NOTE:
The panic alarm function will not activate when the key is in the ignition switch.

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.
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 or equivalent
4) Put the edge of a flat-bladed screwdriver in the slot of the transmitter (2) and pry it open.
5) Replace the battery (3) so its + terminal faces “+” mark of the transmitter.
6) Close the transmitter and install it into the transmitter holder.
7) Close the transmitter cover, install and tighten the screw (1).
8) Dispose of the used battery properly according to applicable rules or regulations. Do not dispose of lithium batteries with ordinary household trash.

EXAMPLE

EXAMPLE

(1)

(2)

(3)

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

Security system (if equipped)
The security system is armed in about 5 seconds after you lock all doors (including the tailgate) by using the keyless entry system transmitter, keyless push start system remote controller or request switch. Once the system is armed, any attempt to open a door by using any other means (*) than the keyless entry system transmitter, keyless push start system remote controller or request switch, or open the engine hood, will cause the alarm to be triggered. These means include the following:

- The key
- The lock knob on a door
- The central door locking switch
- The tailgate emergency lever

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

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

NOTE:
- The security system generates alarms when any of the predetermined conditions is met. However, the system does not have any function of blocking unauthorized entry into the vehicle.
- Always use the keyless entry system transmitter, keyless push start system remote controller or request switch to unlock the doors when the security system has been armed. Using a key instead will trigger the alarm.
- If a person who does not know the security system is going to drive the vehicle, we recommend you explain the system and its operation to the person, or disable the system beforehand. Mistakenly triggering the alarm may cause a nuisance to others.

How to arm the security system (when enabled)
Lock all doors (including the tailgate) using the keyless entry system transmitter, keyless push start system remote controller or request switch. The security system indicator (1) will start blinking rapidly, and the security system will be armed in about 5 seconds.

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

NOTE:
- Even if the security system is armed, you should still be careful to guard against theft. Do not leave money or things of value in the vehicle.

EXAMPLE
NOTE:
• To prevent the alarm from being accidentally triggered, avoid arming it while anyone remains inside the vehicle. The alarm will be triggered if any person inside opens the door, tailgate, engine hood, or swings the vehicle (if the shock sensor is in the enabled state).
• The security system is not armed when all doors are locked using the key from outside, using the door lock knobs or the central door locking switch from inside.
• If any door is not operated within approximately 30 seconds after the doors have been unlocked using the keyless entry system transmitter, keyless push start system remote controller or request switch, the doors are automatically locked again. When the doors are locked, the security system will be armed in about 5 seconds if the system is in the enabled state.
• If the security system indicator (1) blinks when the ignition switch is in “ON” position or the ignition mode is ON, there may be something wrong with the security system. Ask your authorised Maruti Suzuki workshop to inspect the system.

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

How to stop the alarm
Should the alarm be triggered accidentally, the alarm will stop by the following operations.
• Press the engine switch to change the ignition mode to ON or turn the ignition switch to “ON” position.
• Unlock the doors using the keyless push start system remote controller, the request switch, or the keyless entry system transmitter.

NOTE:
• Even after the alarm has stopped, if you lock the doors using the keyless entry system transmitter, keyless push start system remote controller or request switch, the security system will be rearmed with a delay of about 5 seconds.
• If you disconnect the battery while the security system is in the armed condition or the alarm is actually in operation, the alarm will be re-triggered when the battery is then reconnected.

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

Enabling and disabling the security system
The security system can be either enabled or disabled.

When enabled
• If any of the doors or tailgate are opened without unlocking by the keyless entry system transmitter, keyless push start system remote controller or request switch, all turn signal lights start to blink and the interior buzzer beeps intermittently. After 5 seconds, the siren will sound for about 27.5 seconds. The security system indicator continues to blink during this time.
• If the engine hood is opened, all turn signal lights blink, and the siren sounds for about 27.5 seconds. The security system indicator continues to blink during this time.
BEFORE DRIVING

(If the shock sensor is in the enabled state)

• If the vehicle feels a shock higher than the pre-warning sensitivity, the siren sounds for about 2 seconds (pre-warning). If the vehicle feels a shock higher than the full blast warning sensitivity, all turn signal lights start to blink and the interior buzzer beeps intermittently. After 5 seconds, the siren will sound for about 27.5 seconds (full blast warning). The security system indicator continues to blink during this time.

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

When disabled
When the system is disabled, it stays disarmed even if you perform any system arming operation.

How to switch the state of the security system
When the security system has been already disarmed, you can switch the system from the enabled state to the disabled state, and vice versa, using the following method.

1) Sit in the driver’s seat and make sure that all doors, tailgate and engine hood are closed.
   • If any door is open, the open door warning light comes on.

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

3) Turn the knob on the lighting control lever to the OFF position (3).

NOTE: The following steps 4) and 5) must be completed within 15 seconds.

EXAMPLE

EXAMPLE

EXAMPLE
4) Turn the knob on the lighting control lever to the 3G position and then turn back to the OFF position. Repeat this operation 4 times.

5) Push the lock end (4) (forward end) of the central door locking switch (5), and then push the unlock end (6) (backward end). Repeat this operation 3 times.

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

<table>
<thead>
<tr>
<th>System state</th>
<th>Number of beeps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disabled (Mode A)</td>
<td>Once</td>
</tr>
<tr>
<td>Enabled (Mode D)</td>
<td>4 times</td>
</tr>
</tbody>
</table>

NOTE:
You can also switch the security system from the enabled state to the disabled state, and vice versa, via the setting mode of the information display. For details on how to use the information display, refer to “Information display” in this section.

Windows
Manual window control (if equipped)

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

Electric window controls (if equipped)
The electric windows can only be operated when the ignition switch is in “ON” position or the ignition mode is ON.

Driver’s side (Type A)

EXAMPLE

Driver’s side (Type B)

EXAMPLE

(1)

(2)

(3)

(4)

(5)

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

Passenger’s door

EXAMPLE

The passenger’s door has a switch (5) to operate the passenger’s window.
To open a window, push the top part of the switch. To close the window, lift up the top part of the switch.

The driver’s window has AUTO-DOWN feature for greater convenience. This means the driver can open the window without holding the window switch in DOWN position. Press down the driver’s window switch completely and release it. To stop the window before it reaches the FULL-DOWN position, pull up the switch briefly.

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

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

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

---

**BEFORE DRIVING**

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

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

Mirrors

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

Type A

EXAMPLE

74LHT0235

Type B

EXAMPLE

68LMT0205

EXAMPLE

68LMT0206

To adjust the mirror, set the selector tab (1) to the day position, and then move the mirror up, down or sideways by hand to obtain the best view.

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

EXAMPLE

EXAMPLE

EXAMPLE

68LMT0206

WARNING

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

Outside rearview mirrors

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.

Type A

EXAMPLE

66RH023

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

(2) Day driving
(3) Night driving
The switch to control the electric mirrors is located on the driver’s door panel. You can adjust the mirrors when the ignition switch is in “ACC” or “ON” position, or the ignition mode is ACC or ON. To adjust the mirrors:

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

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

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

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

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

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

Seat position adjustment lever (1)
Pull the lever up and slide the seat.

Seatback angle adjustment lever (2)
Pull the lever up and move the seatback.

Seat height adjustment lever (3)
(if equipped)
Pull the lever up to raise the seat. Push the lever down to lower the seat.

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

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

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

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

WARNING
• Never drive the vehicle with the head restraints removed.
• Do not attempt to adjust the head restraint while driving.
Rear seats
Head restraints (if equipped)
Head restraints are designed to help reduce the risk of neck injuries in the case of an accident.

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

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

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

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

When installing a child restraint system, adjust the height of the head restraint or remove it for fitting the child restraint, as necessary.

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) Lower the head restraint (if equipped) fully.

EXAMPLE
2) Hook the webbing of the outboard lap-shoulder belts and latch plates in the belt hangers.
BEFORE DRIVING

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

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

**EXAMPLE**

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

**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.

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

**EXAMPLE**
Raise the seatback until it locks into place. After returning the seat, move the seatback forward and backward to check that it is securely latched.

**CAUTION**
Do not put your hand into the rear seatback lock opening, or your finger may get caught and be injured.
Seat belts and child restraint systems

**NOTICE**

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

**WARNING**

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

(Checked)
BEFORE DRIVING

WARNING

(Continued)

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

EXAMPLE

Across the pelvis

65D201

EXAMPLE

as low as possible across the hips

65D199

WARNING

(Continued)

• Pregnant women should use seat belts, although specific recommendations about driving should be made by the woman’s medical advisor. Remember that the lap portion of the belt should be worn as low as possible across the hips, as shown in the illustration.
• Do not fasten your seat belt over hard or breakable objects in your pockets or on your clothing. If an accident occurs, objects such as glasses, pens, etc. under the seat belt can cause injury.

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 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. Make sure that the system you purchase meets applicable safety standards. Read and follow all the directions provided by the manufacturer.


\textbf{\textsc{WARNING}}
\begin{itemize}
    \item For children, if the shoulder belt irritates the neck or face, move the child closer to the center of the vehicle.
    \item 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.
    \item 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.
    \item 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.
\end{itemize}

\textbf{Lap-shoulder belt}

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

\textbf{Safety reminder}

\textbf{EXAMPLE}

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

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

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.

EXAMPLE

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

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.

EXAMPLE
Lap belt

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

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

To loosen the belt, release the latch plate from the buckle, pull the latch plate (adjuster) in the direction of the arrow, at right angles to the belt. The latch plate should then be refitted into the buckle and the belt tightened as previously described.

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

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.
BEFORE DRIVING

Driver’s seat belt reminder

With tachometer

If the driver’s seat belt remains unbuckled when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to ON, the reminder works as follows:
1) The driver’s seat belt reminder light will come on.
2) After the vehicle’s speed has reached about 15 km/h, the driver’s seat belt reminder light will blink and a buzzer will sound for about 95 seconds.
3) The reminder light will remain on until the driver’s seat belt is buckled.

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

The reminder will be automatically canceled when the driver’s seat belt is buckled or the ignition switch is turned off, or the engine switch is pressed to change the ignition mode to LOCK (OFF).

EXAMPLE

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.
Rear outside seat belt guide

EXAMPLE

When you move a seatback, make sure the belt webbing and latch plate are hooked in the seat belt hangers.

Seat belt inspection

EXAMPLE

Periodically check if the seat belts work properly and are not damaged. Make sure the webbing, buckles, latch plates, retractors, anchorages and guide loops. Replace any seat belts which do not work properly or are damaged.

WARNING

Inspect all seat belt assemblies after any crash. Any seat belt assembly which was in use during a crash (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 crash should be replaced if it does not function properly, it is damaged in any way or the seat belt pretensioners were activated (that is, if the front air bags were activated).
MARUTI SUZUKI highly recommends that you use a child restraint system to restrain infants and small children. Many different types of child restraint systems are available; make sure that the restraint system you select meets applicable safety standards.

All child restraint systems are designed to be secured in vehicle seats 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. Whenever possible, MARUTI SUZUKI recommends that child restraint systems be installed on the rear seat. According to accident statistics, children are safer when properly restrained in rear seating positions than in front seating positions.

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

**NOTE:** Observe any statutory regulation about child restraints.
WARNING
Do not install a rear-facing child restraint in the front passenger's seat. If the passenger's front air bag inflates, a child in a rear-facing child restraint could be killed or severely injured. The back of a rear-facing child restraint would be too close to the inflating air bag.

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

EXAMPLE

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

Installation with lap-shoulder seat belts

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

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

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

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

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

Installation with a lap belt

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

To lengthen or tighten the belt, refer to the “Lap-belt” item in this “Seat belts and child restraint systems” section. After making sure that the seat belt is securely latched, try moving the child restraint system in all directions, to make sure it is securely installed. If you need to tighten the belt, pull the free end of the webbing.
Installation with ISOFIX type anchorages (if equipped)

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

**WARNING**

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

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

Here is a general instruction:

**CAUTION**

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

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

**NOTE:**

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

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

EXAMPLE

EXAMPLE
BEFORE DRIVING

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

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

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

4) Grasp the front of the child restraint and push the child restraint forcefully to latch the connecting bars. Make sure that they are securely latched by trying to move the child restraint system in all directions, especially forward.

5) Attach the top tether strap referring to “Installation of child restraint with top tether” section below. When you put your child in the child restraint system, appropriately slide the front seat forward not to touch a part of your child’s body.
Installation of child restraint with top tether

Some child restraint systems require the use of a top tether strap. Top tether anchorage brackets are provided in your vehicle at the locations shown in the illustrations. The number of the top tether anchorage brackets provided in your vehicle depends on the vehicle specification. Install the child restraint system as follows:

1) Remove the luggage compartment cover (if equipped).
2) Secure the child restraint on the rear seat using the procedure described above for securing a restraint system that does not require a top tether strap.
3) Hook the top tether strap to the top tether anchorage bracket and tighten the top tether strap according to the instructions provided by the child restraint system manufacturer. Attach the top tether strap to the corresponding top tether anchorage bracket located directly behind the child restraint. Do not attach the top tether strap to the luggage restraint loops (if equipped).
4) When routing the top tether strap, pass the top tether strap as shown in the illustration (Refer to “Head restraints” section for details on how to remove the head restraint).
5) Make sure that cargo does not interfere with routing of the top tether strap.

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

**NOTE:**
Maruti Suzuki recommends use of Maruti Suzuki Genuine accessory of “Child seat, ISOFIX”.

**BEFORE DRIVING**

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

Type 1
Type 2

**EXAMPLE**

![Type 1 example](image1.png)

![Type 2 example](image2.png)
BEFORE DRIVING

Child Restraint System for India
Child Restraint

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

<table>
<thead>
<tr>
<th>MASS GROUP</th>
<th>Seating position (or other site)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Front Passenger</td>
</tr>
<tr>
<td>Group 0</td>
<td></td>
</tr>
<tr>
<td>Up to 10 kg</td>
<td>X</td>
</tr>
<tr>
<td>Group 0+</td>
<td></td>
</tr>
<tr>
<td>Up to 13 kg</td>
<td>X</td>
</tr>
<tr>
<td>Group I</td>
<td></td>
</tr>
<tr>
<td>9 to 18 kg</td>
<td>X</td>
</tr>
<tr>
<td>Group II</td>
<td></td>
</tr>
<tr>
<td>15 to 25 kg</td>
<td>X</td>
</tr>
<tr>
<td>Group III</td>
<td></td>
</tr>
<tr>
<td>22 to 36 kg</td>
<td>X</td>
</tr>
</tbody>
</table>

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

To determine if your vehicle is equipped with a seat belt pretensioner system at the front seating positions, make sure the label on the seat belt at the bottom part. If the letter “E11” appear as illustrated, your vehicle is equipped with the seat belt pretensioner system. You can use the pretensioner seat belts in the same manner as ordinary seat belts. Read this section and “Supplemental restraint system (air bags)” section to learn more about the pretensioner system.

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

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

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

The driver and all passengers must be properly restrained by 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 crash.

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

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

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.

EXAMPLE

To determine if your vehicle is equipped with a seat belt pretensioner system at the front seating positions, make sure the label on the seat belt at the bottom part. If the letter “E11” appear as illustrated, your vehicle is equipped with the seat belt pretensioner system. You can use the pretensioner seat belts in the same manner as ordinary seat belts. Read this section and “Supplemental restraint system (air bags)” section to learn more about the pretensioner system.

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

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

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

The driver and all passengers must be properly restrained by 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 crash.

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

Please note that the pretensioners along with the air bags will activate in severe frontal crashes. They are not designed to activate in rear impacts, roll-overs, or minor frontal crashes. The pretensioners can be activated only once. If the pretensioners are activated (that is, if the air bags are activated), have authorised Maruti Suzuki workshop as soon as possible.
BEFORE DRIVING

If the AIR BAG light on the instrument cluster does not blink or come on briefly when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to ON, stays on for more than 10 seconds, or comes on while driving, the pretensioner system or the air bag system may not work properly. Have both systems inspected by an authorised Maruti Suzuki workshop as soon as possible.

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, make sure that the battery is disconnected and the ignition switch has been in "LOCK" position or the ignition mode has been LOCK (OFF) for at least 90 seconds before performing any electrical service work on your vehicle.

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

**WARNING**

This section describes the protection provided by your vehicle’s supplemental restraint system (air bags). Read and follow all instructions carefully to minimize your risk of severe injury or death in the event of a crash.

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 air bag module
2. Front passenger’s front air bag module
3. Front seat belt pretensioners
4. Air bag controller
5. Forward crash sensor

EXAMPLE
BEFORE DRIVING

**WARNING**

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

**“AIR BAG” light**

If the AIR BAG light on the instrument cluster does not blink or come on when the ignition switch is first turned to “ON” position, or the ignition mode is first changed to ON, or AIR BAG light stays on, or comes on while driving, the air bag system (or the seat belt pretensioner system) may not work properly. Have the air bag system inspected by an authorised Maruti Suzuki workshop as soon as possible.

**Air bag symbol meaning**

**EXAMPLE**

You may find this label on the sun visor.

**WARNING**

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

**Front air bags**

**EXAMPLE**

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

Front air bags are not designed to inflate in rear impacts, side impacts, rollovers or minor frontal crashes, since they would offer no protection in those types of accidents. Since an air bag deploys only one time during an accident, seat belts are needed to restrain occupants from further movements during the accident. Therefore, an air bag is not a substitute for seat belts. To maximize your protection, always fasten your seat belts. Be aware that no system can prevent all possible injuries that may occur in an accident.
**BEFORE DRIVING**

Driver’s front air bag

The driver’s front air bag is located behind the center pad of the steering wheel and the front passenger’s front air bag is located behind the passenger’s side of the dashboard. The words “SRS AIRBAG” are molded into the air bag covers to identify the location of the air bags.

Front passenger’s front air bag

The words “SRS AIRBAG” are molded into the air bag covers to identify the location of the air bags.

Conditions of front air bags deployment (inflation)

- Frontal crash with a fixed wall that does not move or deform in more than about 25 km/h.
- Crash such as above at an angle of about 30 degrees (1) or less from the front.

**WARNING**

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

Refer to “Seat belts and child restraint systems” section for details on securing your child.
BEFORE DRIVING

Conditions of front air bags may inflate
Receiving a strong impact to the lower body of your vehicle, the front air bags will inflate in many cases.

EXAMPLE

• Hitting a curb or medial strip.

EXAMPLE

• Falling into a deep hole or ditch.

EXAMPLE

• Landing hard or falling.

EXAMPLE

• Crash from the side.

EXAMPLE

• Vehicle rollover.

EXAMPLE

• Crash from the rear.

Front air bags do not inflate basically in rear collision, side collision or rollovers, etc., however, these might inflate in a strong impact.
Front air bags may not inflate
The front air bags may not inflate when the impact is absorbed since the crash object moved, vehicle body deformed, or crash angle was greater than about 30 degrees from the front.

• Approximately 50 km/h or lower speed frontal crash to a stopped vehicle.

• Crash that the front of your vehicle goes under the bed of a truck etc.

EXAMPLE
• Crash with a utility pole or stumpage.

EXAMPLE
• Crash with a fixed wall or guardrail at an angle of greater than about 30 degrees (1) from the front.

EXAMPLE
• Frontal crash with a fixed wall that does not move or deform in less than about 25 km/h.

EXAMPLE
• Crash angle is offset from the vehicle angle (offset crash).
BEFORE DRIVING

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

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

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

WARNING

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

Even though your vehicle is moderately damaged by a crash, it may not be severe enough to trigger front air bags to inflate. If your vehicle sustains any front-end or side damage, have the air bag system inspected by an authorised Maruti Suzuki workshop to ensure that it works properly.

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

If the air bags inflate, have the air bags and related components replaced by an authorised Maruti Suzuki workshop as soon as possible.

If your vehicle ever gets in deep water and the driver’s floor is submerged, the air bag controller could be damaged. If this happens, ask authorised Maruti Suzuki workshop to check the air bag system as soon as possible.

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

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

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

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

Instrument cluster
(1) Speedometer
(2) Tachometer (if equipped)
(3) Information display
(4) Warning and indicator lights

EXAMPLE

With tachometer

FOR DIESEL
Without tachometer

EXAMPLE

**Speedometer**
The speedometer indicates vehicle speed.

**Tachometer (if equipped)**
The tachometer indicates engine speed in revolutions per minute.

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Never drive the vehicle with the engine revving in the red zone or severe engine damage can result. Keep the engine speed below the red zone even when downshifting to a lower gear position. Refer to “Downshifting maximum allowable speeds” in the “OPERATING YOUR VEHICLE” section.</td>
</tr>
</tbody>
</table>
BEFORE DRIVING

Fuel gauge
With tachometer

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.

If the low fuel warning light (1) comes on, fill the fuel tank immediately.
Refer to “Low fuel warning light” in “Warning and indicator lights” in this section for details.
The mark (2) indicates that the fuel filler door is located on the left side of the vehicle.

Without tachometer

When the ignition switch is in “ON” position or the ignition mode is ON, this gauge gives an approximate indication of the

Brightness control

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

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

You can change the brightness of the instrument cluster lights;
• For the instrument cluster with tachometer, regardless of whether the position lights or headlights are off or on.
• For the instrument cluster without tachometer, when the position lights and/or headlights are ON.

To switch the display indication to the brightness control, refer to “Information display” in this section.

WARNING

Do not adjust the brightness of the instrument panel lights while driving. Otherwise, you could lose control of the vehicle.
To increase the brightness of the instrument panel lights, push “+” side of the brightness control switch (1). To change the brightness quickly, push and hold the switch.

To reduce the brightness of the instrument panel lights, push “−” side of the brightness control switch (1). To change the brightness quickly, push and hold the switch.

**NOTE:**
- If you do not push the brightness control switch within several seconds of activating the brightness control, the brightness control display will be canceled automatically.
- When you reconnect the battery, the brightness of the instrument cluster lights will be reinitialized. Readjust the brightness according to your preference.

**NOTE:**
If you select the maximum brightness level when the position lights or headlights are on, the following functions will be canceled.
- The function which automatically dims the brightness of instrument cluster lights.
- The function which operates with the brightness control, except maximum brightness level.

**EXAMPLE**

**With tachometer**

**EXAMPLE**

**Without tachometer**

(2) Brightest
(3) Initial setting
(4) Dimmest
BEFORE DRIVING

To increase the brightness of the instrument panel lights, turn the brightness control knob (5) clockwise.

To reduce the brightness of the instrument panel lights, turn the brightness control knob (5) counterclockwise.

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

**Information display (instrument cluster with tachometer)**

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

**NOTE:**
- If you select the maximum brightness level when the position lights or headlights are on, the following functions will be canceled.
  - The function which automatically dims the brightness of instrument cluster lights.
  - The function which operates with the brightness control, except maximum brightness level.
Before Driving

The information display shows the following information.

Display (A)  
Clock

Display (B)  
Thermometer

Display (C)  
Warning and indicator messages / Fuel consumption / Driving range / Average speed / Driving time

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

Display (E)  
Trip meter

Display (F)  
Odometer

Display (G)  
Fuel gauge

When the ignition switch is turned to “ON” position or the engine switch is pressed to change the ignition mode to ON, the message shown in the above illustration will appear on the display for several seconds. Some warning and indicator messages may appear on the display when the ignition switch is in “ACC” or “LOCK” position, or the ignition mode is ACC or LOCK (OFF).

Clock  
The display (A) shows the time. To set the clock, follow “Setting mode” instructions in this section.

Thermometer  
The display (B) shows the thermometer. The thermometer indicates the outside temperature.

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

NOTE:  
- The outside temperature indication is not the actual outside temperature when driving at low speed, or when stopped.
**BEFORE DRIVING**

Fuel consumption / Driving range / Average speed / Driving time

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

To switch the display indication, push the information switch (2) quickly.

**NOTE:**

The value of fuel consumption, driving range and average speed shown on the display are affected by the following conditions:
- Road condition
- Surrounding traffic condition
- Driving condition
- Vehicle condition
- A malfunction which causes the malfunction indicator light to come on or blink

**Instantaneous fuel consumption**

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

**NOTE:**

- The display does not show the bar graph unless the vehicle is moving.
- Depending on the vehicle’s specification, the fuel consumption units of initial setting are indicated as L/100km, km/L, MPG (UK) or MPG (US).

**EXAMPLE**

(a) Instantaneous fuel consumption

(b) Average fuel consumption

c) Driving range

(d) Average speed

(e) Driving time

(f) No indication

The indicated maximum value of instantaneous fuel consumption is one of the followings. No more than the maximum value will be indicated on the display even if the actual instantaneous fuel consumption is higher.

- For L/100km setting: 30
- For km/L setting: 50
- For MPG (UK) setting: 80
- For MPG (US) setting: 60

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

**Average fuel consumption**

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

**NOTE:**

When you reconnect the negative (−) terminal to the battery, the value of average fuel consumption will be shown after driving for a period of time.
You can select when the value of average fuel consumption is reset from among the following three methods;

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

To change when the value of average fuel consumption is reset, refer to “Setting mode” in this section.

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

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

The driving range shown in the display is the approximate distance you can drive until the fuel gauge indicates “E”, based on current driving conditions.

When the low fuel warning light comes on, the display “---” will appear. If the low fuel warning light comes on, fill the fuel tank immediately regardless of the value of driving range shown in the display.

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

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

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

To reset the value of average speed, push and hold the information switch (2) for a while when the display indicates an average speed. The display shows “---” and then indicates a new average speed after driving for a short time.

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

Driving time
The display shows the total amount of driving time since the indication was reset.

• To reset the driving time to zero, push and hold the information switch (2) for a while when the display shows the driving time.

NOTE:
When you reset the indication or reconnect the negative (–) terminal to the battery, the driving time will be shown after driving for a while.
BEFORE DRIVING

Gear position / Gearshift indicator
The display (D) shows some of the following indications.

EXAMPLE

(5) Gear position
(6) Manual mode indicator
(7) Drive mode indicator

Gear position
(for Auto Gear Shift models)
The display shows the current gear position (5).

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.

Manual mode indicator
(for Auto Gear Shift models)
When you are using the manual mode, the display shows the manual mode indicator (6).

NOTE:
For Auto Gear Shift models, the manual mode indicator will only appear when the gearshift lever is in “M”.

Drive mode indicator
(for Auto Gear Shift models)
When the gearshift lever is in “D”, the display shows the drive mode indicator (7).

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

Gearshift indicator (if equipped)
Refer to “Gearshift indicator” in the “OPERATING YOUR VEHICLE” section.

Trip meter
The display (E) shows the trip meter.

The trip meter can be used to measure the distance traveled on short trips or between fuel stops. You can use trip meter A or trip meter B independently.

To reset the trip meter to zero, push and hold the trip meter switch (3) for a while.

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.

Odometer
The display (F) shows the odometer.

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

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

Fuel gauge
The display (G) shows the fuel gauge. Refer to “Fuel gauge” in this section.
Setting mode
When the ignition switch is in "ON" position or the ignition mode is ON and the vehicle is stationary, you can enter the setting mode of the information display by pushing and holding the information switch (2) for more than 3 seconds.

• To select the setting that you want to change, push the brightness control switch (4) up or down.
• To change the setting, push the information switch (2).
• To exit the setting mode, select "Back" and push the information switch (2).

NOTE:
The currently selected setting item is surrounded by a frame.

NOTE:
If you push and hold the information switch (2) to enter the setting mode when the display (C) shows average fuel consumption, average speed or driving time, the value will be reset simultaneously. If you do not want to reset the value, push the information switch quickly to switch the indication of the display.

• If you turn the ignition switch, press the engine switch or start to move the vehicle when the display is in the setting mode, the setting mode will be canceled automatically.

Distance unit
(Odometer / trip meter distance unit setting)
You can change the units in which odometer / trip meter / driving range distance is displayed.

Fuel economy
(Fuel consumption unit setting)
You can change the units that fuel consumption is displayed in.

Language
You can change the language of the information display.

Fuel reset
(Average fuel consumption reset setting)
You can change when the value of average fuel consumption is reset.

Temperature (Temperature unit setting)
You can change the units that temperature is displayed in.

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

Clock setting (Adjusting the clock)
• To change the hour indication, push the brightness control switch (4) up or down repeatedly when the hour indication appears as reversed color. To change the hour indication quickly, push and hold the brightness control switch (4). To set the hour indication, push the information switch (2) and the minute indication appears as reversed color.

• To change the minute indication, push the brightness control switch (4) up or down repeatedly when the minute indication appears as reversed color. To change the minute indication quickly, push and hold the brightness control switch (4). To set the minute indication, push the information switch (2).

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

Door lock (Door lock setting)
• Door unlock
  – All Doors: Unlock all doors by turning the key, or operating the keyless entry system transmitter, keyless push start system remote controller or request switch once.
  – Driver Door: Unlock all doors by turning the key, or operating the keyless entry system transmitter, keyless push start system remote controller or request switch twice (default setting).
• Auto lock
  – Manual Lock: Disable the automatic door locking function.
  – Speed Syncro: Lock all doors when the vehicle speed reaches 15 km/h (default setting).
• Auto unlock
  – Syncro Off: Disable the automatic door unlocking function (default setting for the vehicle with the keyless push start system).
  – IG-OFF Sync: Unlock all doors when the key is pulled out from the ignition switch or the engine switch is pressed to change the ignition mode to LOCK (OFF) (default setting for the vehicle without the keyless push start system).

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

Lights (Light setting)

Lane change (Turn signal lights setting)
The turn signal and its indicator can be set whether they flash three times even if you return the turn signal control lever immediately after moving it.

Antitheft
(Security system setting)
You can switch the security system from the enabled state to the disabled state, and vice versa.
The state of the security system is shown on the information display as follows:
• Mode A: Disabled state
• Mode D: Enabled state
(Shock sensor system setting)
You can change the on/off of the shock sensor.
(Shock sensor P setting)
You can adjust the pre-warning sensitivity of shock sensor.
(Shock sensor F setting)
You can adjust the full blast warning sensitivity of shock sensor.

Default (initialization setting)
If you select "YES" and push the information switch (2), all settings will be reinitialized.

Warning and indicator messages
The display shows warning and indicator messages to let you know about certain vehicle problems.
A tone may also sound to alert you.
If warning and indicator messages appear on the display, follow the messages.

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

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

2-59
### Warning and indicator messages

**All model**

<table>
<thead>
<tr>
<th>Warning and indicator message</th>
<th>Master warning indicator light</th>
<th>Sound</th>
<th>Cause and remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Door Open" /></td>
<td>Blinks (only while vehicle is in motion)</td>
<td>Beep (one time from interior buzzer; only while vehicle is in motion)</td>
<td>A door or tailgate is not properly closed. If in driving, stop the vehicle in a safe place and close the door or tailgate properly. (#1)</td>
</tr>
<tr>
<td><img src="image" alt="Release Parking Brake" /></td>
<td>Blinks</td>
<td>Continuous beep (from interior buzzer)</td>
<td>The parking brake is not released. Stop the vehicle in a safe place and release the parking brake.</td>
</tr>
<tr>
<td><img src="image" alt="Lights On" /></td>
<td>Blinks</td>
<td>Continuous beep (from interior buzzer)</td>
<td>The headlights and/or the position lights are left on. Turn them off.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Warning and indicator message</th>
<th>Master warning indicator light</th>
<th>Sound</th>
<th>Cause and remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="LOW FUEL" /></td>
<td>Off</td>
<td>Beep (one time from interior buzzer)</td>
<td>Fuel is low. Refill it immediately. (#1)</td>
</tr>
<tr>
<td><img src="image" alt="ICE POSSIBLE DRIVE WITH CARE" /></td>
<td>Off</td>
<td>Off</td>
<td>The road may be icy. Drive very carefully. (#1)</td>
</tr>
</tbody>
</table>

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.
### Vehicle with keyless push start system

<table>
<thead>
<tr>
<th>Warning and indicator message</th>
<th>Master warning indicator light</th>
<th>Sound</th>
<th>Cause and remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="ACC icon" /></td>
<td>Off</td>
<td>Off</td>
<td>This message is displayed when the ACC position is selected as the ignition mode. (#1)</td>
</tr>
<tr>
<td><img src="image2.png" alt="PUSH START SWITCH icon" /></td>
<td>Off</td>
<td>Off</td>
<td>The brake pedal (for Auto Gear Shift models) or the clutch pedal (for manual transaxle models) is depressed. Press the engine switch to start the engine.</td>
</tr>
<tr>
<td><img src="image3.png" alt="SERVICE STEERING LOCK SYSTEM icon" /></td>
<td>Blinks</td>
<td>Beep (one time from interior buzzer)</td>
<td>There is a problem with the steering lock system. Have your vehicle inspected by an authorised Maruti Suzuki workshop.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Warning and indicator message</th>
<th>Master warning indicator light</th>
<th>Sound</th>
<th>Cause and remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="SERVICE START SYSTEM" /></td>
<td>Blinks</td>
<td>Beep (one time from interior buzzer)</td>
<td>There is a problem with the keyless push start system. Also, the vehicle battery voltage may be decreased. When the message is displayed even if you start the engine with normal voltage of the vehicle battery, have your vehicle inspected by an authorised Maruti Suzuki workshop.</td>
</tr>
<tr>
<td><img src="image" alt="KEY FOB NOT DETECTED" /></td>
<td>Blinks</td>
<td>By certain conditions, some kind of sound you will hear from interior and/or exterior of the vehicle.</td>
<td>The remote controller may be outside the vehicle or its battery may have become discharged. Locate the remote controller or touch the engine switch with the remote controller. If the message still appears, replace the remote controller battery.</td>
</tr>
<tr>
<td><img src="image" alt="PLACE KEY FOB ON START SWITCH" /></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><img src="image" alt="IGNITION SWITCH POSITION" /></td>
<td>Off</td>
<td>Off</td>
<td>This message is displayed when the ON position is selected as the ignition mode. (#1)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Warning and indicator message</th>
<th>Master warning indicator light</th>
<th>Sound</th>
<th>Cause and remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRN. STEERING WHEEL TO RELEASE LOCK</td>
<td>Blinks</td>
<td>Beep (one time from interior buzzer)</td>
<td>The steering lock is not disengaged. While lightly turning the steering wheel in both directions, press the engine switch again.</td>
</tr>
<tr>
<td>KEY FOB LOW BATTERY</td>
<td>Off</td>
<td>Off</td>
<td>The remote controller battery is about to become flat. Replace the battery. (#1)</td>
</tr>
<tr>
<td>Manual transaxle</td>
<td>Off</td>
<td>Off</td>
<td>The engine switch is pressed without depressing the brake and clutch pedals. Try again as instructed by the message.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Warning and indicator message</th>
<th>Master warning indicator light</th>
<th>Sound</th>
<th>Cause and remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Gear Shift</td>
<td>Off</td>
<td>Off</td>
<td>The engine switch is pressed with the gearshift lever in a position other than “N” and depressing the brake pedal. Try again as instructed by message.</td>
</tr>
</tbody>
</table>
### Information display
**(Instrument cluster without tachometer)**

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

---

#### Fuel gauge
The display (A) shows the fuel gauge. Refer to “Fuel gauge” in this section.

#### Gearshift indicator
The display (B) shows the gearshift indicator. Refer to “Gearshift indicator” in the "OPERATING YOUR VEHICLE” section.

---

**EXAMPLE**

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

- **Display (A)**
  Fuel gauge

- **Display (B)**
  Gearshift indicator

- **Display (C)**
  Trip meter / Odometer / Fuel consumption / Driving range

- **Display (D)**
  Clock
BEFORE DRIVING

Trip meter / Odometer / Fuel consumption / Driving range
The display (C) shows one of the following indications, trip meter A, trip meter B, odometer, instantaneous fuel consumption, average fuel consumption or driving range.

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

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

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

EXAMPLE

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.

Trip meter
The trip meter can be used to measure the distance traveled on short trips or between fuel stops.
You can use the trip meter A or trip meter B independently.

To reset the trip meter to zero, push and hold the trip meter selector knob (1) for a while when the display shows the trip meter.
NOTE:
The indicated maximum value of the trip meter is 9999.9. When you run past the maximum value, the indicated value will return to 0.0.

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

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

• The display does not show the value unless the vehicle is moving.
• Depending on the vehicle’s specification, the fuel consumption units of initial setting are indicated as L/100km or km/L.
• The indicated maximum value of instantaneous fuel consumption is one of the followings. No more than the maximum value will be indicated on the display even if the actual instantaneous fuel consumption is higher.
  – For L/100km setting: 30
  – For km/L setting: 50
• The indication on the display may be delayed if fuel consumption is greatly affected by driving conditions.
• The display shows estimated values. Indications may not be the same as actual values.
• For “L/100km” or “km/L” setting, you can change the units that instantaneous fuel consumption is displayed in. Refer to “Average fuel consumption” in this section.

Average fuel consumption
If you selected average fuel consumption the last time you drove the vehicle, the display shows the last value of average fuel consumption from previous driving when the ignition switch is turned to “ON” position. Unless you reset the value of average fuel consumption, the display indicates the value of average fuel consumption which includes average fuel consumption during previous driving.

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

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

(For “L/100km” or “km/L” setting)
To change the unit of average fuel consumption, while pushing and holding the trip meter selector knob (1), turn the indicator selector knob (2).

EXAMPLE

Average

AVG.

12.5 km/L (Initial setting)

AVG.

24 L/100km

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

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.

EXAMPLE

AVG.

24 L/100km

(Initial setting)
BEFORE DRIVING

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

The driving range shown in the display is the approximate distance you can drive until the fuel gauge indicates "E", based on current driving conditions.

When the low fuel warning light comes on, the display "---" will appear.

If the low fuel warning light comes on, fill the fuel tank immediately regardless of the value of driving range shown in the display.

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

NOTE:
• If you refuel when the ignition switch is in "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.

Clock
The display (D) shows the time.
To change the time indication:

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

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

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

<table>
<thead>
<tr>
<th>Indication</th>
<th>Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Clock</strong></td>
<td>Time indication of clock “<strong>CL</strong>”</td>
</tr>
<tr>
<td>door</td>
<td>Central door locking system “<strong>d1</strong>”</td>
</tr>
<tr>
<td></td>
<td>Automatic door locking function “<strong>d2</strong>”</td>
</tr>
<tr>
<td></td>
<td>Automatic door unlocking function “<strong>d3</strong>”</td>
</tr>
<tr>
<td><strong>Light</strong></td>
<td>Additional flashes of the turn signal “<strong>L2</strong>”</td>
</tr>
<tr>
<td>dEFAIL</td>
<td>Initialization setting “<strong>dE-on</strong>”</td>
</tr>
<tr>
<td>End</td>
<td>Exit the setting mode “<strong>End</strong>”</td>
</tr>
</tbody>
</table>
BEFORE DRIVING

NOTE:
Depending on vehicle’s specifications, some items may not be displayed.

How to operate the setting mode:
1) When the ignition switch is in “ON” position and the vehicle is stationary, push the trip meter selector knob (1) to switch the information display indication (C) to the odometer.
2) Push and hold the indicator selector knob (2) until the display shows “CL-hr”.
3) Turn and/or push the indicator selector knob (2) to select a function that you want to set up according to the above chart.
4) Turn and/or push the indicator selector knob (2) to register settings of the following functions.

Time indication of clock “CL”
- CL-hr: 12-hour format (default setting)
- CL-24hr: 24-hour format

Central door locking system “d1”
- d1-5L1: Unlock all doors by turning the key once
- d1-5L2: Unlock all doors by turning the key twice (default setting)

Automatic door locking function “d2”
- d2-5L1: Disable the automatic door locking function
- d2-5L2: Lock all doors when the vehicle speed reaches 15 km/h (default setting)

Automatic door unlocking function “d3”
- d3-5L1: Disable the automatic door unlocking function
- d3-5L2: Unlock all doors when the key is pulled out from the ignition switch (default setting)

Additional flashes of the turn signal “L2”
- L2-5L1: Turn signal flashes three times after the turn signal lever is returned (default setting)
- L2-5L2: Disable the additional flashes of turn signal

Initialization setting “dE-on”
- dE-on: Initialize all settings

EXAMPLE

NOTE:
- As shown in the above illustration, “SEL” indicates on the display of currently setting item.
- To go back to the higher level display during operation, turn the indicator selector knob (2) to display “bBL” or “bBL” and then push the indicator selector knob (2).

5) To exit the setting mode, switch the display to show “CL” and then push the indicator selector knob (2).
BEFORE DRIVING

Warning and indicator lights

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

Brake system warning light

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 or the engine switch is pressed to change the ignition mode to ON.
- The light comes on when the parking brake is engaged with the ignition switch in “ON” position or the ignition mode is ON.
- 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.

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 dealer for repairs or tow the vehicle to the nearest dealer for repairs.

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

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

Anti-lock brake system (ABS) warning light

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

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

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

If the warning light comes on briefly 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 your authorised Maruti Suzuki workshop.

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

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

Oil pressure light

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

Check the oil level and add oil if necessary.

If there is enough oil, the lubrication system should be inspected by your authorised Maruti Suzuki workshop before you drive the vehicle again.

NOTICE

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

Charging light

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

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

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

“AIR BAG” light

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

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

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

Malfunction indicator light

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 or the engine switch is pressed to change the ignition mode to ON, this light comes on. When the engine is started, the light goes out.

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

WARNING

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.

NOTICE

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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
</table>
| **Transaxle warning light (if equipped)**    | - When the ignition switch is turned to “ON” position or the engine switch is pressed to change the ignition mode to ON, this light comes on 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 your authorized Maruti Suzuki 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. |
| **Immobilizer / keyless push start system warning light** | - When the ignition switch is turned to “ON” position or the engine switch is pressed to change the ignition mode to ON, this light comes on briefly so you can check that the light is working.  
- If this light stays on, there is a problem with the system or the steering lock cannot be released. If this happens, press the engine switch, turning the steering wheel to the right or left. If this light still stays on, ask your authorized Maruti Suzuki workshop to have the system inspected. |
| **Open door warning light**                   | - This light remains on until all doors (including the tailgate) are completely closed.  
- If any door (including the tailgate) is open when the vehicle is moving, a ding sounds to remind you to close all doors completely. |
| **Low fuel warning light**                    | - If this light comes on, fill the fuel tank immediately.  
- When this light comes on, a ding sounds once to remind you to fill the fuel.  
- If you do not fill the fuel, a ding sounds every time when the ignition switch is turned to “ON” position or the engine switch is pressed to change the ignition mode to ON. |
NOTE:
The activation point of this light varies depending on road conditions (for example, slope or curve) and driving conditions because of fuel moving in the tank.

Electric power steering light

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

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

Engine coolant temperature warning light

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

This indicator has two following functions.

Low engine coolant temperature light (Blue color)
This light stays on while the engine is still cold and goes off when the engine has warmed up.
If this light blinks, there is a problem with the system. Have your vehicle inspected by your authorised Maruti Suzuki workshop.

High engine coolant temperature warning light (Red color)
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 instruc-
BEFORE DRIVING

Turn on the hazard warning switch, both arrows will flash along with all of the turn signal lights.

**Glow plug indicator light**
(For diesel engine model)

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

**Fuel filter warning light**
(For diesel engine model)

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to ON, this light comes on for several seconds so you can check that the light is working. If the light comes on when driving, it is possible that water may be in the fuel filter.

---

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

**Front fog light indicator light**
(if equipped)

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

**Turn signal indicators**

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.

**Main beam (high beam) indicator light**

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

**Illumination indicator light**

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

---

**Fuel filter warning light**
(For diesel engine model)

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to ON, this light comes on for several seconds so you can check that the light is working. If the light comes on when driving, it is possible that water may be in the fuel filter.
Drain water as soon as possible. Have your vehicle inspected by an authorised Maruti Suzuki workshop.

**Depress brake pedal indicator (if equipped)**

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

**Master warning indicator light**

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

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

For details, refer to "Information display (instrument cluster with tachometer)" in this 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.

**EXAMPLE**

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

**EXAMPLE**

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

**NOTE:**
Do not leave the headlamp ON in any position when the engine is not running, or the battery will discharge rapidly.

Light reminder buzzer

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

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

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

**NOTE:**
A message is indicated on the information display in the instrument cluster with tachometer while the buzzer is sounding.

Daytime running light (D.R.L.) system (if equipped)

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

Conditions for D.R.L. system operation

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

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

Front fog light switch (if equipped)

To turn the front fog light on, twist the knob as shown in the illustration with the position lights, tail lights and/or the headlights are on. When the front fog light is on, an indicator light on the instrument cluster will come on.

**NOTE:**
In some countries, the lighting operation may be different from the above description according to local regulations.
Headlight leveling switch

EXAMPLE

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

<table>
<thead>
<tr>
<th>Vehicle Load Condition</th>
<th>Switch Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driver only</td>
<td>0</td>
</tr>
<tr>
<td>Driver + 1 passenger (in front seat)</td>
<td>0</td>
</tr>
<tr>
<td>Driver + 4 passengers, no cargo</td>
<td>1</td>
</tr>
<tr>
<td>Driver + 4 passengers, cargo added</td>
<td>2</td>
</tr>
<tr>
<td>Driver + full cargo</td>
<td>3</td>
</tr>
</tbody>
</table>

WARNING

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

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

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

Lane change signal
Move the lever partway upward or downward to turn left or right 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.

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

Hazard warning switch
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

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

EXAMPLE

Wiper and washer operation
When the ignition switch is in “ON” position or the ignition mode is ON, you can use the wiper/washer lever or switch (if equipped).

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

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

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

Windshield wipers

EXAMPLE

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

EXAMPLE

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.

**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. Make sure it often when the weather is bad.
- Only fill the washer fluid reservoir 3/4 full during cold weather to allow room for expansion if the temperature falls low enough to freeze the solution.

Rear window wiper/washer switch (if equipped)

EXAMPLE

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

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

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

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

---

**Tilt steering lock lever**

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

**Horn**

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

---

**WARNING**

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

Heated Rear Window Switch (If Equipped)

Type 1

When the rear window is misted, push this switch (1) to clear the window. An indicator light will be lit when the defogger is on. The defogger will work only when the engine is running. To turn off the defogger, push the switch (1) again.

Notice

The heated rear window uses a large amount of electricity. Turn off the switch after the window has become clear.

Note:
- The defogger will work only when the engine is running.
- The defogger will automatically turn off after the defogger remains on for 15 minutes to prevent discharging of the battery.
OPERATING YOUR VEHICLE

Exhaust gas warning .......................................................... 3-1
Daily inspection checklist .................................................. 3-1
Engine oil consumption ..................................................... 3-2
Ignition switch
(vehicle without keyless push start system) .................... 3-3
Engine switch
(vehicle with keyless push start system) ...................... 3-5
Keyless push start system (if equipped) ............................ 3-6
Parking brake lever .......................................................... 3-9
Pedal ..................................................................................... 3-10
Starting the engine
(vehicle without keyless push start system) .................... 3-11
Starting the engine
(vehicle with keyless push start system) ...................... 3-13
Using the transaxle ............................................................. 3-16
Gearshift indicator (if equipped) ...................................... 3-27
Parking sensors (if equipped) ............................................. 3-28
Rearview camera (if equipped) .......................................... 3-32
Braking ................................................................................. 3-35
Exhaust gas warning

**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 the engine running in garages or other confined areas.

(Continued)

**WARNING**

EXAMPLE

- Do not park with the engine running for a long period of time, even in an open area. If it is necessary to sit for a short time in a parked vehicle with the engine running, make sure that the air intake selector is set to FRESH AIR and the blower is at high speed.

- Avoid operating the vehicle with the tailgate or trunk open. If it is necessary to do so, make sure that the sunroof (if equipped) and all windows are closed, and the blower is at high speed with the air intake selector set to FRESH AIR.

- To allow proper operation of your vehicle's ventilation system, keep the air inlet grill in front of the windshield clear of snow, leaves or other obstructions at all times.

- Keep the exhaust tailpipe area clear of snow and other material to help reduce the buildup of exhaust gases under the vehicle. This is particularly important when parked in blizzard conditions.

- Have the exhaust system inspected periodically for damage and leakage. Any damage or leakage should be repaired immediately.

Daily inspection checklist

**Before driving**

EXAMPLE

1) Make sure that windows, mirrors, lights and reflectors are clean and unobstructed.

2) Visually check the tires for the following points:
   - the depth of the tread groove
   - abnormal wear, cracks and damage
   - loose wheel nuts
   - existence of foreign material such as nails, stones, etc.

Refer to "Tires" in 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) Make sure 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 and head restraint (if equipped).
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 or the engine switch is pressed to change the ignition mode to ON.
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, perform the following under-hood checks:
1) Engine oil level
2) Coolant level
3) Brake fluid level
4) Battery solution level
5) Windshield washer fluid level
6) Hood latch operation
   - Pull the hood release handle inside the vehicle. Make sure that you cannot open the hood all the way without releasing the secondary latch. 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.

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

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

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

More oil is consumed during high-speed driving and when there is frequent acceleration and deceleration. Under high loads, your engine also will consume more oil. A new engine also consumes more oil, since its pistons, piston rings and cylinder walls have not yet become conditioned. New engines reach the normal level of oil consumption only after approximately 5000 km driving.

Oil consumption:
Max. 1.0 L per 1000 km

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

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

WARNING
Make sure 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.

66RH0-74E
You should also be aware that the diluting ingredients evaporate out when the vehicle is subsequently driven at high speeds, such as on an expressway, making it appear that oil is excessively consumed after high-speed driving.

Ignition switch (vehicle without keyless push start system)

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

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

**EXAMPLE**

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

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

**EXAMPLE**

**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)

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

**NOTICE**

- Do not use the starter motor for more than 12 seconds at a time. If the engine does not start, wait 15 seconds before trying again. If the engine does not start after several attempts, make sure the fuel and ignition systems or consult your authorised Maruti Suzuki workshop.

- Do not leave the ignition switch in "ON" position if the engine is not running as the battery will discharge.
OPERATING YOUR VEHICLE

Engine switch (vehicle with keyless push start system)

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

ACC
Press the engine switch to select this ignition mode to use such electric equipment as the audio system, outside rearview mirrors and accessory socket with the engine off. When this ignition mode is selected by pressing the engine switch, the information display in the instrument cluster shows the following message: "ON" IGNITION SWITCH POSITION.

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

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

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

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

Auto Gear Shift – Provided you have the keyless push start system remote controller with you, the engine automatically starts when you press the engine switch to select this ignition mode after shifting to "N" (Neutral) and depressing the brake pedal.

NOTE:
You do not need to keep the engine switch pressed to start the engine.

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

DO NOT LEAVE THE ENGINE SWITCH IN ACC OR ON MODE WHEN THE ENGINE IS NOT RUNNING.

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

EXAMPLE

NOTE:
Do not leave the engine switch in ACC or ON mode when the engine is not running. Avoid using the radio or other electric accessories for a long time when the engine switch is in ACC or ON mode when the engine is not running, otherwise the battery may discharge.
Unreleased steering lock warning
If the steering lock remains engaged when you press the engine switch to change the ignition mode to ON, the information display in the instrument cluster shows the message: “TRN. STEERING WHEEL TO RELEASE LOCK”. Refer to “Information display” in the “BEFORE DRIVING” section for details.

NOTE:
The steering lock may not be released and the immobilizer/keyless push start system warning light turns on if some load is acting on the steering wheel. If this happens, turn the steering wheel to the right or left to relieve it from the load before you press the engine switch again to change to the desired ignition mode.

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

• Keyless entry function. Refer to “Keyless push start system remote controller / keyless entry system transmitter” in the “BEFORE DRIVING” section for details.
• Locking and unlocking doors (including the tailgate) using a request switch. Refer to “Keyless push start system remote controller / keyless entry system transmitter” in the “BEFORE DRIVING” section for details.
• Immobilizer (anti-theft) function. Refer to “Immobilizer system” in the “BEFORE DRIVING” section for details.

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

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

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

• The headlights and position lights are turned off.
• 15 minutes has elapsed since opening the driver’s door.
OPERATING YOUR VEHICLE

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

1) Bring the keyless push start system remote controller with you and sit in the driver’s seat.
2) Manual transaxle – Without depressing the clutch pedal, press the engine switch (1).
   Auto Gear Shift – Without depressing the brake pedal, press the engine switch (1).

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

EXAMPLE

NOTE:
When selecting the ignition modes, the information display in the instrument cluster shows certain messages. Refer to “Information display” in “BEFORE DRIVING” section for details.

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

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

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

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

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

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

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

• Always keep the remote controller with you as the driver.

Interior workable area for engine starting

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

NOTE:
• Even when the remote controller is in the interior workable area, if it is in any of the following conditions, you may not be able to start the engine or select the ignition modes, and the REMOTE CONTROLLER OUTSIDE warning may be given.
  – The remote controller’s battery is low.
  – The remote controller is affected by strong radio signals or noise.
  – The remote controller is in contact with or covered by a metallic object.
  – The remote controller is in stowage such as the glove box or a door pocket.
  – The remote controller is in the sun visor pocket or on the floor.
• Even when the remote controller is outside the interior workable area, if it is in any of the following conditions, you may be able to start the engine or select the ignition mode. The REMOTE CONTROLLER OUTSIDE warning may not be given at that time.
  – The remote controller is outside the vehicle but very close to a door.
  – The remote controller is the on the instrument panel.

Parking brake lever

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

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

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 cold, wet, snow, etc.

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

Accelerator pedal (3)
An accelerator pedal controls the speed of the engine. Depressing the accelerator pedal increases power output and speed.

Starting the engine (vehicle without keyless push start system)

Before starting the engine

1) Make sure that the parking brake is set fully.
2) Manual transaxle – Shift into “N” (Neutral) and depress the clutch pedal all the way to the floor. Hold the clutch pedal while starting the engine.
   Auto Gear Shift – Shift into “N” (Neutral) and depress the brake pedal. Hold the brake pedal while starting the engine.

**NOTE:**
For Auto Gear Shift vehicles, if the engine cannot be started, make sure the gearshift lever is in “N” before restarting the engine.
Starting a cold and warm engine
(For petrol engine model)
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.

If the engine still does not start, try holding the accelerator pedal all the way to the floor while cranking. This should clear the engine if it is flooded.

(For diesel engine model)
Cold engine
Turn the ignition switch to “ON” position and wait until the glow plug indicator goes out if it comes on. Crank the engine by turning the ignition key to “START”. Release the key when the engine starts.

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

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

Restarting diesel engine after fuel-empty stop
If the engine stops and the low fuel warning light and the malfunction indicator light come on, use the following procedure:
1) Fill the fuel tank.
2) Hold the ignition key in “ON” position for 5-10 seconds to feed fuel.
3) Perform above engine starting procedure to start the engine.
If the malfunction indicator light still comes on after the engine started, there may be some problem with the engine. Ask your authorised Maruti Suzuki workshop to have the engine inspected.

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

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

If the engine does not start after 12 seconds of cranking, wait about 15 seconds, and then press down the accelerator pedal to 1/3 full of capacity and try cranking the engine again. Release the key and accelerator pedal when the engine starts.
Starting the engine (vehicle with keyless push start system)

Before starting the engine

1) Make sure that the parking brake is set fully.
2) Manual transaxle – Shift to “N” (Neutral) and fully depress the clutch pedal. Hold the clutch and brake pedals fully depressed.
   Auto Gear Shift – Shift into “N” (Neutral) and depress the brake pedal. Hold the brake pedal while starting the engine.

3) The “PUSH START SWITCH” message will appear on the information display in the instrument cluster. Push the engine switch (1). When the engine is started, the starter motor will automatically stop.

**NOTE:**
- You do not need to keep the engine switch pressed to start the engine.
- The engine of a manual transaxle vehicle will not start unless the clutch pedal is depressed.
- For Auto Gear Shift vehicles, if the engine cannot be started, make sure the gearshift lever is in “N” before restarting the engine.
- During the engine starting procedure, messages on the information display will help you. Refer to “Information display” in the “BEFORE DRIVING” section for details.
- You should turn off such loads as the headlights and air conditioning system to facilitate starting of the engine.
- Even if you fail to start the engine, the starter motor will stop turning automatically after a short time. After the starter motor has stopped or if there is some problem with the system, the starter motor will rotate only while the engine switch is being pressed.

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

**NOTICE**
- Do not depress the accelerator during the engine starting procedure.
- If the engine does not respond when you try to start it with the engine switch or if the engine switch repeats cycling through LOCK (OFF) – ACC – ON mode, the vehicle battery may be discharged. Check the voltage of the vehicle battery before trying again.
Stopping the engine

- Depress the engine switch to stop the engine after the vehicle stopped completely.
- In case of emergency, you can stop the engine by quickly pushing the engine switch more than 3 times, or pushing and holding the engine switch for more than 2 seconds while the vehicle is in motion.

**NOTE:**
Except in cases of emergency, do not stop the engine while the vehicle is in motion. The steering and braking operation will require more effort when the engine is stopped. Refer to "Braking" in this section.

- If the engine remains stopped for while after it was stopped unexpectedly or was raced before stopping, a clicking sound may be heard from around the engine when it is restarted. This is not a malfunction. Always let the engine idle before stopping it.

Starting a cold and warm engine

(For petrol engine model)

With your foot taken off the accelerator pedal, crank the engine by pressing the engine switch to change the ignition mode to START.

**NOTICE**

| Do not crank the engine for more than 12 seconds at a time. If the engine does not start on the first try, wait about 15 seconds before trying again. |

After pressing the engine switch to change the ignition mode to START, the starter cranks the engine for about 12 seconds before it can start the engine. If the engine fails to start at the first attempt, wait about 15 seconds, and then try again while keeping the engine switch pressed while pressing down the accelerator pedal 1/3 of full capacity. Release the accelerator pedal when the engine starts. If the engine still does not start, try holding the accelerator pedal all the way to the floor while cranking. This should clear the engine if it is flooded. If you are unable to start the engine using this procedure, consult your authorised Maruti Suzuki workshop.

(For diesel engine model)

**Cold engine**

Depress the clutch and brake pedals fully and press the engine switch to crank the engine. If the glow plug indicator light comes on, the engine will start automatically after the glow plug indicator light goes off up to 10 seconds afterward.

**NOTICE**

| Do not crank the engine for more than 30 seconds at a time. If the engine does not start on the first try, wait about 15 seconds before trying again. |

**Warm engine**

Crank the engine by pressing the engine switch to change the ignition mode to "START".

**Caution when stopping the engine with turbocharger**

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

Restarting diesel engine after fuel-empty stop
If the engine stops and the low fuel warning light and the malfunction indicator light come on, use the following procedure:
1) Fill the fuel tank.
2) Press the engine switch to change the ignition mode to "ON" for 5-10 seconds to feed fuel.
3) Perform the above engine starting procedure to start the engine. If the malfunction indicator light still comes on after the engine started, there may be some problem with the engine. Ask your authorised Maruti Suzuki workshop to have the engine inspected.

If the master warning indicator light blinks and the engine cannot be started
Your keyless push start system remote controller may not be sensed as being within the interior workable area. Try again after checking that you have the remote controller with you. If the engine still cannot be started, the battery of the remote controller may be discharged. To start the engine, use the following method:

1) Make sure that the parking brake is set fully.
2) Manual transaxle – Shift to “N” (Neutral) and fully depress the clutch pedal. Hold the clutch and brake pedals fully depressed.
   Auto Gear Shift – Shift to “N” (Neutral) and fully depress the brake pedal. Hold the brake pedal fully depressed.
3) “PUSH START SWITCH.” message will appear on the information display in the instrument cluster. Press the engine switch (1).
4) The master warning indicator light in the instrument cluster blinks within about 10 seconds. Touch the engine switch with LOCK button end of remote controller (2) for about 2 seconds.

NOTE:
• If you still cannot start the engine after several attempts using the above method, there may be a problem elsewhere, such as a low battery. Contact your authorised Maruti Suzuki workshop for inspection.
• The immobilizer/keyless push start system warning light will come on for about 5 seconds while the master warning indicator light is blinking. In addition, the information display will show a certain message during this time. Refer to “Information display” in the “BEFORE DRIVING” section for details.
• You may customize the system to cause the interior buzzer to sound once for warning that remote controller is out of sensing range. Please contact an authorised Maruti Suzuki workshop for the customization.
• If the battery of the remote controller is about to become completely discharged, the corresponding message will appear on the information display when you press the engine switch to change the ignition mode to ON. For details on replacing the battery, refer to “Keyless push start system remote controller / keyless entry system transmitter” in the “BEFORE DRIVING” section.
Returning ignition mode to LOCK (OFF)

NOTE:
Certain problems like a fault in engine sys-
tem may prevent the engine switch from
going back to the “LOCK” (OFF) mode. If
this happens, have the vehicle inspected
by an authorised Maruti Suzuki workshop
after doing the following:
• Lock the doors using the key to prevent
theft (The request switches and the key-
less push start system remote controller
cannot be used to lock them).
• Disconnect the negative cable from the
battery to prevent discharge.

LOCK (OFF) mode reminder buzzer
If the driver’s door is opened without
returning the ignition mode to LOCK (OFF)
by pressing the engine switch, a buzzer
sounds to warn you of this state.
• If you open the driver’s door after press-
ing the engine switch to change the igni-
tion mode to ACC, the interior buzzer
beeps intermittently.
• The buzzer will stop sounding if you then
push the engine switch twice, thus bring-
ing it back the ignition mode to LOCK
(OFF).

NOTE:
Whenever you leave the vehicle, make
sure that you have returned the ignition
mode to LOCK (OFF) using the engine
switch and then lock the doors. Without
returning the ignition mode to LOCK
(OFF), you cannot use a request switch or
keyless push start system remote control-
to lock the doors.

Steering lock warning buzzer
If the steering lock fails to engage due to a
fault in the system when the ignition mode
is turned to LOCK (OFF) by pressing the
engine switch and any door (including the
tailgate) is opened or closed, the interior
buzzer will warn you of this condition with
repeated short beeps. If this happens,
have the vehicle inspected by an autho-
rised Maruti Suzuki workshop.

Using the transaxle

Manual transaxle

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 gradu-
ally release the clutch.

Shifting
All forward gears are synchronized and pro-
vide quiet and easy shifting. Always depress
the clutch pedal all the way to the floor before
shifting gears. Keep the engine speed from
rising into the red zone of the tachometer.
### OPERATING YOUR VEHICLE

#### Downshifting maximum allowable speeds

<table>
<thead>
<tr>
<th>For petrol engine</th>
<th>For diesel engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Downshifting</td>
<td>km/h</td>
</tr>
<tr>
<td>2nd to 1st</td>
<td>20</td>
</tr>
<tr>
<td>3rd to 2nd</td>
<td>80</td>
</tr>
<tr>
<td>4th to 3rd</td>
<td>120</td>
</tr>
<tr>
<td>5th to 4th</td>
<td>155</td>
</tr>
</tbody>
</table>

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

#### WARNING

- Reduce your speed and downshift to a lower gear before going down a long or steep hill. A lower gear will allow the engine to provide braking. Avoid riding the brakes or they may overheat, resulting in brake failure.
- When driving on slippery roads, slow down before downshifting. Excessive and/or sudden changes in engine speed may cause loss of traction, which could cause you to lose control.

#### NOTICE

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

#### NOTICE

- To help avoid clutch damage, do not use the clutch pedal as a footrest 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 transaxle. Auto Gear Shift has the basic features of conventional manual transaxle, but clutch operation and transaxle 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.

**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:

**Depress brake pedal indicator**

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 or the ignition mode is ON, 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.

**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. The creeping function is disabled if you depress the brake pedal or pull up the parking brake lever. Creep is not possible in manual mode with 2nd gear engaged.

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.

Packing and Stopping the vehicle
Auto Gear Shift does not have a packing 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 transaxle is engaged in “1” or “R” position.

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.

EXAMPLE

![D 1]

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 a malfunction.
• The “N” indicator will flush, 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 unexpected 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.
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.

**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 shifted automatically. To shift the transaxle, the driver must operate the gearshift lever to the “+” or “−” direction. As for conventional manual transaxle vehicles, releasing the accelerator pedal a little may help the transaxle to shift smoothly.

---

**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 your authorised Maruti Suzuki workshop to inspect the Auto Gear Shift system as soon as possible.

**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 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.

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.

**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 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.

---

**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 your authorised Maruti Suzuki workshop to inspect the Auto Gear Shift system as soon as possible.
**OPERATING YOUR VEHICLE**

**Upshift and downshift:**

**Upshifting**

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

**EXAMPLE**

Push the gearshift lever to the “−” direction and release it. Every time the lever is operated, the transaxle 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 transaxle gear position. Before starting off, always make sure the gear position indicator to make sure that the transaxle is engaged in 1st or reverse, then depress the accelerator pedal. It's possible to start-off vehicle in 2nd gear using manual mode, from stop condition.

**NOTE:**

- Always use 1st gear while starting off 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.
OPERATING YOUR VEHICLE

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.

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 (if required).
• 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 unexpected 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 unexpected 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 your authorised Maruti Suzuki workshop to inspect the Auto Gear Shift system as soon as possible.
• In manual (M) mode, the system 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 transaxle life.

3-22

66RH0-74E
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.

**Downhill**
1) Depress the brake pedal and shift the gearshift lever to the "M" position. Make sure 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.

**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.

**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:
OPERATING YOUR VEHICLE

- 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 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.

**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 unexpected accident.
• Do not leave your vehicle unattended while the engine is running.
• When leaving the vehicle, stop the engine and park the vehicle with a gear engaged. Remember, even though the transaxle is in gear, you must set the parking brake firmly. 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 and confirm the neutral position by checking the gear position indicator. However basically don’t leave the vehicle with the engine running. Otherwise, the vehicle may move unexpectedly and may cause an accident.

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.

3-24
OPERATING YOUR VEHICLE

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 lever for a certain period of time, and the gear may not be shifted appropriately. Therefore, do not operate the gearshift lever if not necessary.

Parking

Unlike an automatic transaxle, Auto Gear Shift does not have a parking position. The vehicle can be parked with the gearshift lever at “D” or “R” position. Remember, even though the transaxle is in gear, you must set the parking brake firmly.

1) Apply the parking brake and the brake pedal 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 (1)” 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 completely.

4) In the case of uphill/downhill slope, release the parking brake and brake pedal slowly in order to check the gear is engaged.

5) After check the vehicle stopped by the gear engaged, Apply the parking brake and the brake pedal firmly again.

6) Get out of the vehicle and put chocks under the wheels.

When you return to your vehicle, you must remember to remove the wheel chocks.

NOTE:

• After the engine is stopped or ignition switch is OFF, the gear in the transaxle does not change even if you shift the gearshift lever in any position. Always shift the gearshift lever before turn ignition switch OFF.

• Check the transaxle gear position by looking at the gear position indicator, then turn the ignition switch off to stop the engine.

WARNING

• If the gear is not engaged properly and completely before the ignition switch is turned to “LOCK” position or the engine switch is pressed to change the ignition mode to LOCK (OFF), 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. In the case of uphill/downhill slope, after check the vehicle stopped by the gear engaged, put chocks under the wheels. Otherwise, the vehicle may move, and cause an unexpected 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 or press the engine switch to change the ignition mode to ON, 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 your authorised Maruti Suzuki workshop to inspect your vehicle. Otherwise, the clutch disc may be damaged.

• The ignition switch is turned to the “LOCK” position or the engine switch is pressed to change the ignition mode to LOCK (OFF) with the gear in 2nd, 3rd, 4th or 5th. In this case, turn the ignition switch to “ON” position or press the engine switch to change the ignition mode to ON, 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 or press the engine switch to change the ignition mode to LOCK (OFF).
• During a stop, the driver’s door is opened with the gearshift lever in the “R”, “D” or “M” position while the engine is running.

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

“1st” 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.
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 or the ignition mode is ON.

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 transaxle, refer to "Using transaxle" in this section.

**Example of the gearshift indicator**

<table>
<thead>
<tr>
<th>Indication</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Arrow Up" /> <img src="image2" alt="Arrow Down" /></td>
<td>Lower gear position is selected for the vehicle speed and/or engine revolution. Changing to a higher gear position is recommended.</td>
</tr>
<tr>
<td><img src="image2" alt="Arrow Down" /> <img src="image1" alt="Arrow Up" /></td>
<td>Higher gear position is selected for the vehicle speed and/or engine revolution. Changing to a lower gear position is recommended.</td>
</tr>
</tbody>
</table>

**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.
Parking sensors (if equipped)

- 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 press the engine switch to change the ignition mode to "ON", the gearshift lever is in the reverse position and the parking sensor switch is in "ON" 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.

<table>
<thead>
<tr>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>• The parking sensor warns you of obstacles with buzzers. However, you still have to drive with particular care.</td>
</tr>
<tr>
<td>• 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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Parking sensor are only for driver's assistance.</td>
</tr>
</tbody>
</table>

Sensor locations
On rear bumper

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

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 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.</td>
</tr>
<tr>
<td>• If the bumper hits a hard object, the sensors on it may not work properly. If this occurs, have the sensors inspected by an authorised Maruti Suzuki workshop.</td>
</tr>
</tbody>
</table>
## OPERATING YOUR VEHICLE

### Working sensors

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

<table>
<thead>
<tr>
<th>Gearshift lever position</th>
<th>Manual transaxle</th>
<th>Auto Gear Shift</th>
<th>Parking brake lever</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>R</td>
<td>N, 1st – 5th</td>
<td>R</td>
</tr>
<tr>
<td>Rear sensors</td>
<td>On</td>
<td>Off</td>
<td>On</td>
</tr>
<tr>
<td>Center</td>
<td></td>
<td></td>
<td>On</td>
</tr>
<tr>
<td>Corner</td>
<td></td>
<td></td>
<td>On</td>
</tr>
</tbody>
</table>

### Approximate areas where obstacles can be detected

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

### EXAMPLE

![EXAMPLE Diagram]

---

66RH0-74E
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.

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)

(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.
OPERATING YOUR VEHICLE

How to use parking sensor

Parking sensor switch

(1) Parking sensor switch
(2) Indicator

• When the ignition mode is ON and the indicator light in the parking sensor switch is on, indicating that the parking sensor is ready for operation under the following conditions:
  - The gearshift lever is in a position.
  - To deactivate the parking sensor, push the parking sensor switch and check that the indicator light goes off.

<table>
<thead>
<tr>
<th>Switch position</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXAMPLE ON</td>
<td>• When the indicator light is on and all necessary conditions are met, system becomes ready for operation.</td>
</tr>
<tr>
<td>EXAMPLE OFF</td>
<td>• The system does not operate. Push the switch to turn off the indicator if you do not wish to use the parking sensor.</td>
</tr>
</tbody>
</table>

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 are detected by corner sensors.

<table>
<thead>
<tr>
<th>Distance (approx.)</th>
<th>Buzzer</th>
</tr>
</thead>
<tbody>
<tr>
<td>45 – 60 cm</td>
<td>Short beeps at short intervals</td>
</tr>
<tr>
<td>(18 – 24 in)</td>
<td></td>
</tr>
<tr>
<td>35 – 45 cm</td>
<td>Short beeps at very short intervals</td>
</tr>
<tr>
<td>(14 – 18 in)</td>
<td></td>
</tr>
<tr>
<td>Less than 35 cm</td>
<td>Continuous beep</td>
</tr>
<tr>
<td>(14 in)</td>
<td></td>
</tr>
</tbody>
</table>

NOTE:
• If you push the parking sensor switch from OFF to ON position when the ignition mode has been changed to ON by pressing the engine switch, the interior buzzer sounds.
• When the gearshift lever is shifted to the “R” position with the system ON, a buzzer will sound once.
• Warnings when obstacles are detected by center sensors.

<table>
<thead>
<tr>
<th>Distance (approx.)</th>
<th>Buzzer</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 – 150 cm (24 – 59 in)</td>
<td>Short beeps at long intervals</td>
</tr>
<tr>
<td>45 – 60 cm (18 – 24 in)</td>
<td>Short beeps at short intervals</td>
</tr>
<tr>
<td>35 – 45 cm (14 – 18 in)</td>
<td>Short beeps at very short intervals</td>
</tr>
<tr>
<td>Less than 35 cm (14 in)</td>
<td>Continuous beep</td>
</tr>
</tbody>
</table>

**Warning and indicator messages**

If there is a problem or warning regarding the parking sensor system, a buzzer and the status of the indicator on the parking sensor inform 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 a problem with the parking sensor system. Have your vehicle inspected by an authorised Maruti Suzuki workshop.

• The indicator does not come on when the parking sensor switch is pressed. The indicator goes off while operating. There may be a problem with the parking sensor system. Have your vehicle inspected by an authorised Maruti Suzuki workshop.

**Rearview camera (if equipped)**

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

**WARNING**

The distance viewed in the rearview camera may differ from the actual distance according to the condition of road or the load the vehicle is carrying. Since the camera display area is also limited, backing up by only looking at the display may cause an accident or a crash with an object. The rearview camera cannot replace the driver’s attention. The driver alone is responsible for parking and similar driving maneuvers.

• Use the rearview camera only to provide driving assistance.

• Always drive carefully confirming the safety of the rear and the surrounding conditions by looking directly with your eyes and using the rear view mirror.

• Make sure that the tailgate is securely closed when backing up.

**NOTICE**

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

(1) Rearview camera
The rearview camera is installed beside the license plate light.

**NOTICE**
The rearview camera is a precision instrument. If you strike the camera, it may be broken and cause damage resulting in a catch fire or a malfunction.
- Do not strike the camera.
- Do not remove snow or mud on the camera lens with a stick.

**NOTICE**
If body wax gets on the camera lens, wipe off the wax with a clean cloth dampened with mild detergent diluted with water, and then wipe the lens with a dry cloth.

**NOTICE**
If water enters the rearview camera, it may cause a malfunction or catch fire. Do not use high pressure water around the camera.

**NOTICE**
This lens is hard coated to prevent damage or discoloration. Damage or discoloration of lens may obscure the image.
- Do not use a brush to clean lens.
- Do not use alcohol, benzene or thinner to clean the lens.
- Do not use wax on the camera lens.

How to use rearview camera
1) Press the engine switch to change the ignition mode to ON.
2) Shift the gearshift lever in “R” position.
   - The display automatically shows the view behind the vehicle.
   - When the gearshift lever is shifted from “R” to another gearshift lever position, the display returns to the previous display.

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

Display range of rearview camera
The rearview camera display shows the area behind the rear end of the tailgate. The display cannot show objects which are close to the bumper or under the bumper. The rearview camera display cannot show obstacles which are higher than the camera. Upper parts of tall objects such as road signs cannot be viewed on the display.
Display range of rearview camera

NOTE:

• Images shown on the display from the rearview camera are reversed images (mirror images).
• The colors of objects on the rearview camera may differ from the actual object colors.
• The rearview camera display may be difficult to see under the following conditions, but this is not a system malfunction.
  – In dark areas, on a rainy day or at night.
  – When the temperature around the lens is too high/low, or the camera is wet such as on a rainy day or during periods of high humidity (dew condensation may occur on the camera lens).
  – When a foreign object such as mud or a drop of water is stuck around the camera lens.
  – When strong light directly enters the camera (vertical lines may be seen on the display).
  – Under fluorescent light (The display may flicker).
  – When the outside temperature is low (the image on the display may be darkened).

Rearview camera screen indication
The distance viewed in the rearview camera may differ from the actual distance according to the condition of the road or the load the vehicle is carrying.

Uphill incline behind the vehicle

EXAMPLE

(1) Object
(2) Actual distance
(3) Distance on the display

When there is an uphill incline behind the vehicle, the object shown on the display appears farther away than the actual distance.
OPERATING YOUR VEHICLE

Downhill incline behind the vehicle

EXAMPLE

(1) Object
(2) Actual distance
(3) Distance on the display

When there is a downhill incline behind the vehicle, the object shown on the display appears closer than the actual distance.

If the rear view from the rearview camera is not shown or there is a poor image
- If the rear view from the rearview camera is not shown.
  - Check that the ignition mode is ON.
  - Check that the gearshift lever is shifted to “R” position.
- If the image from the rearview camera is poor.
  - Check that the camera lens is not dirty.
  - Check that light from the sun or the beam of the headlights from the vehicle behind is not shining directly into the lens.

If the rearview camera system is still not working properly after checking the above, have the system inspected by an authorised Maruti Suzuki workshop as soon as possible.

Braking

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

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

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.

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

NOTE:
- If you quickly and forcefully depress the brakes, you may hear clicking sound by the brake assist system operation. This is normal and indicates that the brake assist system is activated properly.

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
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.

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

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

NOTE:
- If you quickly and forcefully depress the brakes, you may hear clicking sound by the brake assist system operation. This is normal and indicates that the brake assist system is activated properly.

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
- On some types of loose surfaces (such as gravel, snow-covered roads, etc.), the stopping distance required for a vehicle with ABS may be slightly greater than the one required for a comparable vehicle with a conventional brake system. With a conventional brake system, skidding tires are able to plow the gravel or snow layer, shortening the stopping distance. ABS minimizes this resistance effect. Allow for extra stopping distance when driving on loose surfaces.

WARNING
- On some types of loose surfaces (such as gravel, snow-covered roads, etc.), the stopping distance required for a vehicle with ABS may be slightly greater than the one required for a comparable vehicle with a conventional brake system. With a conventional brake system, skidding tires are able to plow the gravel or snow layer, shortening the stopping distance. ABS minimizes this resistance effect. Allow for extra stopping distance when driving on loose surfaces.

(Continued)
OPERATING YOUR VEHICLE

WARNING

(Continued)

- On regular paved roads, some drivers may be able to obtain slightly shorter stopping distances with conventional brake systems than with ABS.
- In both of the above conditions, ABS will still offer the advantage of helping you maintain directional control. However, remember that ABS will not compensate for bad road or weather conditions or poor driver judgment. Use good judgment and do not drive too fast.

EXAMPLE

(ABS)

(1)

(1) ABS warning light

(2)

(2) Brake system warning light

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 your authorised Maruti Suzuki 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 your authorised Maruti Suzuki workshop to inspect the ABS system immediately. Drive carefully, avoiding hard braking as much as possible.

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.
DRIVING TIPS

Running-in ................................................................. 4-1
Catalytic converter ...................................................... 4-1
Improving fuel economy .............................................. 4-2
Highway driving ......................................................... 4-3
Driving on hills ......................................................... 4-3
Driving on slippery roads ............................................ 4-4
Driving on wet roads .................................................. 4-6
Do’s and Don’t’s for safe driving.................................... 4-6
Margin for safety ....................................................... 4-9
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.
- Do not tow a trailer.

---

**EXAMPLE**

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.

---

**WARNING**

- **WEAR YOUR SEAT BELTS AT ALL TIMES.** Even though air bags are equipped at the front seating positions, the driver and all passengers should be properly restrained at all times, using the seat belts provided. Refer to “Seat belts and child restraint systems” section for instructions on proper use of the seat belts.
- Never drive under the influence of alcohol or other drugs. Alcohol and drugs can seriously impair your ability to drive safely, greatly increasing the risk of injury to yourself and others. You should also avoid driving when you are tired, sick, irritated or under stress.

---

**EXAMPLE**

- 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.
- Do not tow a trailer.
DRIVING TIPS

Improving fuel economy
The following instructions will help you improve fuel economy.

Avoid excessive idling
If you are to wait for more than a minute while you are parked, stop the engine and start it again later. When warming up a cold engine, 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.

NOTICE
To minimize the possibility of catalytic converter or other vehicle damage:
- Maintain the engine in the proper operating condition.
- In the event of an engine malfunction, particularly one involving engine misfire or other apparent loss of performance, have the vehicle serviced promptly.
- Do not turn off the engine or interrupt the ignition when the transaxle is in gear and the vehicle is in motion.
- Do not try to start the engine by pushing or towing the vehicle, or coasting down a hill.
- Do not idle the engine with any spark plug wires disconnected or removed, such as during diagnostic testing.
- Do not idle the vehicle for prolonged periods if idling seems rough or there are other malfunctions.
- Do not allow the fuel tank to get near the empty level.

EXAMPLE

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.

EXAMPLE
DRIVING TIPS

Keep the air cleaner clean

EXAMPLE

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 transaxle

EXAMPLE

Auto Gear Shift

EXAMPLE

EX collagen

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 transaxle

EXAMPLE

Auto Gear Shift

EXAMPLE

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

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

**NOTICE**
When descending a downhill, Never turn the ignition key to “LOCK” position or press the engine switch to change the ignition mode to LOCK (OFF). Emission control system damage may result.

**EXAMPLE**
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.
DRIVING TIPS

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

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

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

1) Shift the transaxle back and forth between the first gear and reverse. This will create a rocking motion which may give you enough momentum to free the vehicle. Press gently on the accelerator to keep wheel spinning to a minimum wheel rpm. Remove your foot from the accelerator while shifting. Do not race the engine. Excessive wheel spin will cause the tires to dig deeper, making it more difficult to free the vehicle.

2) If your vehicle remains stuck after a few minutes of rocking, we recommend you to consult your authorised Maruti Suzuki workshop or a roadside assistance service. If a towing service is not available in an emergency, your vehicle may be temporarily towed by a towing cable or chain secured to the towing hook either on the front of the vehicle or on the rear of the vehicle. Refer to "Frame hooks" in the "OTHER CONTROLS AND EQUIPMENT" section.

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

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

NOTICE
Do not continue rocking the vehicle for more than a few minutes. Prolonged rocking can cause engine overheating or transaxle damage.
Driving on wet roads

Do's and Don't's for safe driving

**EXAMPLE**

- When driving on wet roads, avoid driving through large amount of standing water on the road. Large amount of water entering the engine compartment may cause damage to the engine and or electrical components.
- If stuck in deep water, do not start the engine.
- Water is incompressible substance, water inside engine is harmful to the engine.

**WARNING**

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

- Check that your tires are in good condition and always maintain the specified tire pressure. Refer to "Tires" in the "INSPECTION AND MAINTENANCE" section for details.
- Do not use tires other than those specified by MARUTI SUZUKI. Never use different sizes or types of tires on the front and rear wheels. For information regarding the specified tires, refer to the tire information label located on the driver's door lock pillar.
- Never use oversized tires or special shock absorbers and springs to raise (jack up) your vehicle. This will change the handling characteristics. Oversized tires may also rub against the fender over bumps, causing vehicle damage or tire failure.
- After driving through water, test the brakes while driving at a slow speed to see if they have maintained their normal effectiveness. If the brakes are less effective than normal, dry them by repeatedly applying the brakes while driving slowly until the brakes have regained their normal effectiveness.

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.
DRIVING TIPS

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

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

EXAMPLE

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

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

Braking

10) When overtaking or changing lanes while driving at a high speed, keep ample vehicle-to-vehicle distance.

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

Margin for safety
It is important to allow yourself a margin for safety during driving so that you can cope with erroneous or unexpected driving of other drivers. For that, observe the following.
• Drive at a safe speed.
• Maintain a sufficient distance between your vehicle and the vehicle ahead.
• Don’t force yourself to overtake other vehicles.
• Don’t accelerate suddenly, steer sharply or stop suddenly.
• Keep ample gaps between driving schedules.
• Observe traffic rules and regulations.

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

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

Fuel filler cap ................................................................. 5-1
Engine hood ................................................................. 5-2
Sun visor ................................................................. 5-4
Interior light ................................................................. 5-5
Accessory socket ............................................................ 5-6
AUX/USB socket (if equipped) ........................................ 5-7
Assist grips ................................................................. 5-7
Glove box ................................................................. 5-7
Cup holder and storage area ........................................... 5-8
Footrest ..................................................................... 5-10
Floor mats (if equipped) .............................................. 5-10
Luggage compartment cover (if equipped) ....................... 5-11
Luggage compartment board ......................................... 5-11
Frame hooks ............................................................... 5-12
Heating and air conditioning system ............................... 5-14
Manual heating and air conditioning system ..................... 5-15
Automatic heating and air conditioning system (climate control) (if equipped) ..................................................... 5-19
Radio antenna ................................................................ 5-24
Installation of radio frequency transmitters ....................... 5-25
Audio system (if equipped) ............................................ 5-25
A 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.

To remove the fuel filler cap:
1) Open the fuel filler door.
2) Remove the cap by turning it counterclockwise.

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

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 genuine MARUTI SUZUKI cap. Use of an improper cap can result in a malfunction of the fuel system or emission control system. It may also result in fuel leakage in the event of an accident.

---

**Engine hood**

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.

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

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

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

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

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**
Pressing the hood from above may damage the hood.
Sun visor

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

**NOTICE**

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

Card holder (if equipped)

(1) Card holder

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

**NOTICE**

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

Vanity mirror (if equipped)

(2) Vanity mirror

**WARNING**

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

Interior light
Front

These light switches have three or four positions which function as described below:

ON (1)
- The light comes on and stays on regardless of whether the door is open or closed.
- To prevent battery from discharging, the light will be automatically turned off when a period of 15 minutes has elapsed after the light comes on and other operations are not done.

DOOR (2)
- The light comes on when any of the doors (including the tailgate) is opened. After closing all doors, the light will remain on for about 15 seconds and then fade out.
- If all doors are closed, the light comes on for about 15 seconds when the ignition key is pulled out from the ignition switch or the engine switch is pressed to change the ignition mode from ON to LOCK (OFF). After 15 seconds, the light will fade out.
- To prevent battery from discharging, the light will be automatically turned off when a period of 15 minutes has elapsed after any of the doors (including the tailgate) is opened and other operations are not done.

OFF (3)
The light remains off even when the door is opened.

NOTE:
If you leave any door open, the light will automatically be turned off after about 15 minutes to prevent the battery from discharging.

EXAMPLE

Courtesy light (if equipped)

Each front door has a courtesy light on its inside bottom. It lights automatically when the door is opened.

NOTE:
If you leave any door open, the light will automatically be turned off after about 15 minutes to prevent the battery from discharging.
When you open the tailgate with the luggage compartment light switch in ON position (1), the light comes on and remains on as long as you keep the tailgate open.

- To save the battery, the light will be automatically turned off when a period of 15 minutes has elapsed after the tailgate is opened and other operations are not done.

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

---

**NOTICE**

Do not leave the tailgate open with the luggage compartment light switch in ON position for a long time, or the battery will discharge.

---

**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. The tailgate is also involved in this operation even without the rubber protrusion.

---

**EXAMPLE**

- Do not leave the tailgate open with the luggage compartment light switch in ON position for a long time, or the battery will discharge.

---

**Accessory socket**

The accessory socket will work when the ignition switch is in “ACC” or “ON” position, or the ignition mode is ACC or ON. This can be used to provide 12 volt/120 watt/10 ampere power for electrical accessories. Check that the cap is closed when socket is not in use.

---

**NOTICE**

Use of inappropriate electrical accessories can cause damage to your vehicle’s electrical system. Make sure that any electrical accessories you use are designed to plug into this type of socket.
OTHER CONTROLS AND EQUIPMENT

AUX/USB socket (if equipped)

Connect your portable digital music player, etc. to this socket to enjoy music through the vehicle’s audio system. Refer to “Audio system” in this section.

Assist grips

Assist grips are provided for convenience.

Glove box

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

NOTICE

To avoid damaging the assist grip and the molded headlining, do not hang down the assist grip.
There is a recess in the glove box.

**WARNING**

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

Cup holder and storage area

(1) Center console tray
(2) Front cup holders
(3) Front bottle holder
(4) Rear cup holder
(5) Front seat back pocket (if equipped)
(6) Rear bottle holder
OTHER CONTROLS AND EQUIPMENT

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 holders (2) / Rear cup holder (4)

Use the rear cup holder to put a cup with a lid or a bottle with a cap. Also, you can put small articles in the rear cup holder.

**WARNING**
Failure to take the precautions listed below could cause personal injury or vehicle damage.
- Be careful when you are using the cup holders to hold a cup containing hot liquid. Spilling out hot liquid can cause burn injury.
- Do not use the cup holders to hold sharp-edged, hard or breakable objects. Objects in the cup holders may be thrown about during a sudden stop or impact, and could cause personal injury.
- Be careful not to spill liquid or insert any foreign materials into the moving part of the gearshift lever, or any electrical components. Liquid or foreign materials may damage these parts.

Front bottle holder (3) / Rear bottle holder (6)

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

Front seat back pocket (5) (if equipped)

**EXAMPLE**

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

**CAUTION**
Do not put hard or breakable objects in the pocket. If an accident occurs, objects such as bottles, cans, etc. can injure the occupants in the rear seat.
Footrest

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

Floor mats (if equipped)

To prevent the driver’s side floor mat from sliding forward and possibly interfering with the operation of the pedals, MARUTI genuine floor mats are recommended. Whenever you put the driver’s side floor mat back in the vehicle after it has been removed, hook the floor mat grommets to the fasteners and position the floor mat properly in the footwell.

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

WARNING

Failure to take the following precautions may result in the driver’s side floor mat interfering with the pedals and causing a loss of vehicle control or an accident.
- Check that the floor mat grommets are hooked to the fasteners.
- Never place additional floor mats on top of the existing floor mat.
### OTHER CONTROLS AND EQUIPMENT

#### Luggage compartment cover (if equipped)

**EXAMPLE**

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

**WARNING**

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

#### Luggage compartment board

**EXAMPLE**

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

**WARNING**

Objects that extend higher than the luggage compartment cover (if equipped) can obstruct the driver’s rear view, which can cause an accident. These objects can also become damaged or can damage the tailgate. Do not carry items that extend higher than the luggage compartment cover.

**CAUTION**

If you are not careful when handling the luggage board, you could be injured. Handle the luggage board carefully when removing or installing it.

**NOTICE**

Do not apply undue force to the board which is held open, and do not hold open the board while driving. Doing so could break the board or the interior.
Frame hooks

Your MARUTI SUZUKI does not recommend you use the frame hooks for towing another vehicle. MARUTI SUZUKI was originally designed to tow your vehicle on the road for emergency towing.

If your vehicle needs to be towed in an emergency, refer to "Towing" 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

1) Pick up the towing hook (1), jack handle (A) and wheel brace (B) in the luggage compartment.

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

NOTE:

Do not use excessive force as it may damage the cover strap.
3) Install the towing hook (1) by hand.

NOTE: We recommend that fasten the cover with tape to prevent damage during towing.

EXAMPLE

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

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

EXAMPLE

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

NOTICE

When you use the frame hook (2), avoid 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.

EXAMPLE

Rear

Other holes

The frame holes (3) are provided only for transporting by a car carrier trailer.

EXAMPLE

WARNING

Do not use the frame holes (3) for towing purpose. These holes may break and cause serious injury or damage.
**Heating and air conditioning system**

There are two types of air conditioning systems as follows:
- Manual heating and air conditioning system (if equipped)
- Automatic heating and air conditioning system (climate control) (if equipped)

**Air outlet**

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

**EXAMPLE**

When open, air comes out regardless of the air flow selector position.
OTHER CONTROLS AND EQUIPMENT

Center outlet

Move the knob (1) horizontally or the case (2) 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

Description of controls

EXAMPLE

Temperature selector (1)
This is used to select the temperature by turning the selector.

Blower speed selector (2)
This is used to turn on the blower and to select blower speed by turning the selector.
OTHER CONTROLS AND EQUIPMENT

Air flow selector (3)

EXAMPLE

This is used to select one of the following functions.

VENTILATION (a)

EXAMPLE

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

BI-LEVEL (b)

EXAMPLE

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

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

HEAT & DEFROST (d)

EXAMPLE

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

DEFROST (e)

EXAMPLE

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

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

Air conditioning switch (5)
To turn on the air conditioning system, set the blower speed selector to a position other than off and push in “A/C” switch (5). With this “A/C” switch operation, an 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 can become contaminated and the windows can become misty. Therefore, use this method only for quick heating and change to the normal heating method as soon as possible.
Head cooled/Feet warmed heating
Select BI-LEVEL and FRESH AIR, the temperature selector to the desired temperature position, and the blower speed selector to the desired blower speed position. Unless the temperature selector is in the fully cold position or fully hot position, the air that comes out of the center and side outlets will be cooler than the air that comes out of the floor outlets.

Normal cooling
Set the air flow selector to VENTILATION, the temperature selector to the desired temperature position and the blower speed selector to the desired blower speed position, and turn on “A/C” switch. Setting the blower speed selector to a higher blower speed position increases cooling efficiency.

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

Quick cooling (using recirculated air)
The control settings are the same as for normal cooling except you select RECIRCULATED AIR and the highest blower speed.

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

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

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

NOTE:
If you need maximum defrosting:
• select DEFROST and FRESH AIR,
• set the blower speed selector to high,
• adjust the temperature selector to the hot end,
• turn on “A/C” switch, and
• adjust the side outlets so the air blows on the side windows.
OTHER CONTROLS AND EQUIPMENT

Maintenance

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

If your air conditioner is equipped with air filters, clean or replace them as specified in “Maintenance schedule” in the “INSPECTION AND MAINTENANCE” section. Have this job done by your authorised Maruti Suzuki workshop as the lower glove box must be lowered for this job.

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

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

Automatic heating and air conditioning system (climate control) (if equipped)

Description of controls

EXAMPLE

(1) Temperature selector
(2) Blower speed selector
(3) Air intake selector
(4) Air flow selector
(5) Defrost switch
(6) Air conditioning switch
(7) “OFF” switch
(8) “AUTO” switch
(9) Display
Push the temperature selector (1) up or down to adjust the temperature.

**NOTE:**
If you push the temperature selector (1) until “HI” or “LO” appears on the display, the climate control system will operate at maximum heating or cooling. The temperature of the air from the outlets may change suddenly while “LO” or “HI” is displayed, but this is normal.

**NOTE:**
When you change the unit of temperature in the information display, the unit of temperature in the air conditioning system will be changed. Refer to “Information display (instrument cluster with tachometer)” in the “BEFORE DRIVING” section for details.

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

If “AUTO” switch (8) is pushed, the blower speed will vary automatically as the climate control system maintains the selected temperature.

**NOTE:**
When you select the recirculated air mode, the automatic operation system is deactivated if you push “AUTO” switch (8).

**RECIRCULATED AIR (a)**
When this mode is selected, outside air is shut off and inside air is recirculated. This mode is suitable when driving through an area with polluted air such as a tunnel, or when attempting to quickly cool down the vehicle.
OTHER CONTROLS AND EQUIPMENT

FRESH AIR (b)
When this mode is selected, outside air is introduced.

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

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

Air flow selector (4)

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

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

VENTILATION (c)

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

BI-LEVEL (d)

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

#### HEAT (e)

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

#### HEAT & DEFROST (f)

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

#### Defrost switch (5)

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

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

#### Air conditioning switch (6)

The air conditioning switch (6) is used to turn on and off the air conditioning system only when the blower is on. To turn on the air conditioning system, push in the switch and “A/C” will appear on the display. To turn off the air conditioning system, push in the switch again and “A/C” will go off.
OTHER CONTROLS AND EQUIPMENT

System operating instructions

Automatic operation

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

1) Start the engine.
2) Push “AUTO” switch (8).
3) Set the desired temperature by pushing the temperature selector (1).

The blower speed, air intake and air flow are controlled automatically to maintain the set temperature. However, the air flow is not changed to DEFROST position automatically.

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

You can use the air conditioning switch (6) to manually turn the air conditioner on or off according to your preference. When you turn the air conditioning switch off, the climate control system cannot lower the inside temperature below outside temperature.

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

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

NOTE:
• To find the temperature at which you are most comfortable, start with the 25°C (75°F) setting.
• If you push the temperature selector (1) until “HI” or “LO” appears on the display, the climate control system will operate at maximum heating or cooling and the blower will run at full speed.
• To avoid blowing cold air in cold weather or hot air in hot weather, the system will delay turning on the blower until warmed or chilled air is available.
• If your vehicle has been left in the sun with the windows closed, it will cool faster if you open the windows briefly.
• Even under the automatic operation, you can set individual selectors to the manual mode. The manually selected functions are maintained, and the other functions remain under automatic operation.
• If the windshield and/or the front door windows are fogged, push the defrost switch (5) to turn on the defroster, or push the air flow selector (4) to change the air flow to HEAT & DEFROST position to defog the windows.
• To return the blower speed selector (2), air intake selector (3), and air flow selector (4) to automatic operation, push “AUTO” switch (8).

Be careful not to cover the interior temperature sensor (10) located between the steering wheel and the climate control panel, or the solar sensor (11) located at the top of the driver’s side dashboard. These sensors are used by the automatic system to regulate temperature.

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

NOTE:
If you need maximum defrosting:
• push the defrost switch (5) to turn on the defroster (the air conditioning system will come on and FRESH AIR mode will be selected automatically),
• set the blower speed selector to high,
• adjust the temperature selector to “HI” indication on the display, and
• adjust the side outlets so the air blows on the side windows.

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

If your air conditioner is equipped with air filters, clean or replace them as specified in “Maintenance schedule” in the “INSPECTION AND MAINTENANCE” section. Have this job done by your authorised Maruti Suzuki workshop as the lower glove box must be lowered for this job.

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

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

NOTICE
To avoid damage to the radio antenna:
• Remove the antenna when using an automatic car wash.
• Remove the antenna when the antenna hits anything such as a low ceiling in a parking garage or putting a car cover over your vehicle.
Installation of radio frequency transmitters

We recommend that you always ask a authorised Maruti Suzuki 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)

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

Precautions

• When the inside of the vehicle is very cold and the player is used soon after switching on the heater, condensation may form on the disc or the optical parts of the player and proper playback may not be possible. If condensation forms on the disc, wipe it off with a soft cloth. If condensation forms on the optical parts of the player, do not use the player for about one hour. This will allow the condensation to disappear normally.
• Driving on extremely bumpy roads which cause severe vibrations may cause sound to skip.
• This unit uses a precision mechanism. Even in the event that trouble arises, never open the case, disassemble the unit, or lubricate the rotating parts. Bring the unit to an authorised Maruti Suzuki workshop.

Notes on discs

Cautions on handling

EXAMPLE

This unit has been designed specifically for playback of compact discs bearing mark (A) shown above. No other discs can be played.

Removing the disc

Proper way to hold the compact disc

EXAMPLE

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

Always handle the compact disc by the edges.
Never touch the surface.
To remove fingermarks and dust, use a soft cloth, and wipe in a straight line from the center of the compact disc to the circumference.

New discs may have some roughness around the edges. The unit may not work or the sound may skip if such discs are used. Use a ball-point pen (B), etc. to remove the roughness (C) from edges of the disc before inserting it into the unit.

Use of such discs will cause damage or prevent the system from operating properly.

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

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

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

Do not use compact discs that have large scratches, are misshaped, or cracked, etc.
NOTE:
• Do not use commercially available CD protection sheets or discs equipped with stabilizers, etc. These may get caught in the internal mechanism and damage the disc.
• It may be impossible to play CD-R discs with this unit due to the recording conditions.
• CD-RW discs cannot be played with this unit.

⚠️ WARNING
This is a class I laser product. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Do not open covers and do not attempt to repair this unit by yourself. Ask an authorized dealer for the repair.

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

Stop using this unit and a Bluetooth® ready device whenever requested.
This unit shares the communication frequency with other private or public wireless communication equipment such as a wireless LAN and other wireless communication radios.
You should stop using this unit whenever you are notified that your unit disturbs other wireless communication immediately.
OTHER CONTROLS AND EQUIPMENT

Basic operations

EXAMPLE

Turning on/off power
Press “VOL PUSH PWR” knob (1) to turn on the power. The unit starts to operate in the previous setting that the power was turned off.

Adjusting the volume
Turn “VOL PUSH PWR” knob (1). Turning it clockwise increases the volume; turning it counterclockwise decreases the volume.

NOTE:
For the purposes 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.

(1) “VOL PUSH PWR” knob
(2) “TUNE/FLD PUSH SOUND” knob
Adjusting bass/treble/balance/fader
1) Press "TUNE/FLD PUSH SOUND" knob (2).
   Each time the knob is pressed, sound adjustment will change as follows:

   - Preset-EQ (EQ OFF)
   - Bass adjustment (BASS 0)
   - Treble adjustment (TREBLE 0)
   - Balance adjustment (BALANCE 0)
   - Fader adjustment (FA DER 0)
   - AVC adjustment (AVC LEVEL 2)

2) Turn "TUNE/FLD PUSH SOUND" knob (2) to adjust the sound.

Adjusting the AVC (Auto volume control)
The Auto Volume Control (AVC) function automatically adjusts (increases/decreases) the sound volume in accordance with vehicle speed. The AVC control is provided with three selectable levels (LEVEL OFF, 1, 2, 3). The range of volume adjustment increases together with the LEVEL number.
1) Press "TUNE/FLD PUSH SOUND" knob (2) until the AVC adjustment mode is selected.
2) Turn "TUNE/FLD PUSH SOUND" knob (2) to select the desired AVC adjustment level (Initial setting: LEVEL 2).

Preset-EQ
Preset-EQ calls up various sound types in accordance with the listening music type.
1) Press "TUNE/FLD PUSH SOUND" knob (2) several times until "PRESET-EQ" appears.
2) Turn "TUNE/FLD PUSH SOUND" knob (2).
   Each time the knob is turned, preset EQ mode will change as follows:

   - OFF (FLAT)
   - JAZZ
   - ROCK
   - POP
   - CLASSIC
   - HIP-HOP
OTHER CONTROLS AND EQUIPMENT

Listening to the radio

EXAMPLE

Display

- (1) “FM” button
- (2) “AM” button
- (3) UP button
- (4) DOWN button
- (5) “TUNE/FLD PUSH SOUND” knob
- (6) PRESET buttons ([1] to [6])
- (7) “AS” button

(A) Band
(B) Frequency
**SELECTING THE FM BAND**
Press “FM” button (1).
Each time the button is pressed, the reception band will change as follows:

| FM1 | → | FM2 |

**SELECTING THE AM BAND**
Press “AM” button (2).

**SEEK TUNING**
Press UP button (3) or DOWN button (4).
The unit stops searching for a station at a frequency where a broadcast station is available.

**MANUAL TUNING**
Turn “TUNE/FLD PUSH SOUND” knob (5).
The frequency being received is displayed.

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

**AUTO STORE**
Hold down “AS” button (7) for 2 seconds or longer.
6 stations in good reception will automatically be stored to PRESET buttons (6) in order, starting from a station whose frequency is the lowest.

**NOTE:**
- Auto store can be released by pressing “AS” button (7) while auto store is underway.
- When the auto store is performed, the station previously stored in the memory at the position is overwritten.
- When there are fewer than 6 stations that can be stored even if 1 round of auto store operation is performed, no station will be stored at the remaining PRESET buttons (6).
- 6 stations can be preset for FM1 and FM2 in common, and 6 stations for AM in auto store mode.

**AUTO STORE MODE ON/OFF**
Press “AS” button (7).
Each time the button is pressed, the mode is switched as follows:

| AS mode on | → | AS mode off |

**RADIO RECEPTION**
Radio reception can be affected by environment, atmospheric conditions, or radio signal’s power and distance from the station. Nearby mountains and buildings may interfere or deflect radio reception, causing poor reception. Poor reception or radio static can also be caused by electric current from overhead wires or high voltage power lines.
OTHER CONTROLS AND EQUIPMENT

Listening to a CD

EXAMPLE

Display

(A)

CD

Tr:  01

03; 02

(B)

(1) Insertion slot
(2) EJECT button
(3) "CD" button
(4) UP button
(5) DOWN button
(6) "RPT" button
(7) "RDM" button
(8) "DISP" button

(A) Track number
(B) Play time

NOTE:
This product does not support 8 cm CD
(sometimes called as “mini single CD”, “3-inch CD”, “CD3”, etc.).
**OTHER CONTROLS AND EQUIPMENT**

---

**EXAMPLE**

- CDs or CD-ROMs without mark (A) cannot be used.
- Some discs recorded in CD-R/CD-RW format may sometimes be impossible to use.

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

---

**NOTICE**

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

---

**EXAMPLE**

- Loading a CD
  Insert a CD in the insertion slot (1). When the CD is loaded, it starts to play.

- Ejecting a CD
  Press EJECT button (2).
  When the ignition switch is in “LOCK” position or the engine switch is in LOCK (OFF) mode, the CD remained ejected for around 15 seconds or longer will automatically be drawn inside the unit (Auto reload function).

The backup eject function:
This function allows you to eject a CD by pressing EJECT button (2) even when the ignition switch is in “LOCK” position or the engine switch is in LOCK (OFF) mode.

---

**NOTICE**

If you forcefully try to push an ejected CD inside the unit before auto reloading, the disc surface might be scratched. Before reloading a CD, remove it from the unit completely.

---

**NOTE**

- Listening to a CD
  When a CD is inserted, playback will automatically start.
  When a CD is already inside the unit, press “CD” button (3) to start playback.

- Selecting a track
  - Press UP button (4) to listen to the next track.
  - Press DOWN button (5) twice to listen to the previous track.
  When DOWN button (5) is pressed once, the track currently being played will start from the beginning again.

- Fast forwarding/rewinding a track
  - Hold down UP button (4) to fast forward the track.
  - Hold down DOWN button (5) to fast rewind the track.
OTHER CONTROLS AND EQUIPMENT

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

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

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

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

Display change
Press “DISP” button (8). Each time the button is pressed, display will change as follows:

Play time
Disc title
Track title

NOTE:
• “NO TITLE” will be displayed when there is no text information in the disc currently being played.
• If text data contains more than 16 characters, “>” mark will appear at the right end. Holding down “DISP” button (8) for 1 second or longer can display the next page.
Listening to an MP3/WMA/AAC disc

EXAMPLE

Display

(1) “TUNE/FLD PUSH SOUND” knob
(2) UP button
(3) DOWN button
(4) “RPT” button
(5) “RDM” button
(6) “DISP” button

(A) Folder number
(B) Track number
(C) Play time
(D) File type
OTHER CONTROLS AND EQUIPMENT

Selecting a folder
Turn “TUNE/FLD PUSH SOUND” knob (1) to select a folder.

Selecting a track
• Press UP button (2) to listen to the next track.
• Press DOWN button (3) twice to listen to the previous track. When DOWN button (3) is pressed once, the track currently being played will start from the beginning again.

Fast forwarding/rewinding a track
• Hold down UP button (2) to fast forward the track.
• Hold down DOWN button (3) to fast rewind the track.

Random playback
Press “RDM” button (5). Each time the button is pressed, the mode will change as follows:

OFF → FOLDER RANDOM → ALL RANDOM

• FOLDER RANDOM
  The random indicator “F.RDM” will light. The tracks in the current folder will be played in random order.

• ALL RANDOM
  The random indicator “RDM” will light. The tracks in the loaded disc will be played in random order.

Repeat playback
Press “RPT” button (4). Each time the button is pressed, the mode will change as follows:

OFF → FILE REPEAT → FOLDER REPEAT

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

• FOLDER REPEAT
  The repeat indicator “F.RPT” will light. All tracks in the currently selected folder will be played repeatedly.
Display change
Press “DISP” button (6).
Each time the button is pressed, display will change as follows:

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

Notes on MP3/WMA/AAC
What is MP3?
- An abbreviation of “MPEG audio layer3”, MP3 is an audio compression format that has become the standard format among PC users. Its merit is that the original audio data is compressed to approximately 1/10 and high sound quality is maintained. This means that it is possible to store the data of approximately 10 music CDs on a single CD-R/RW disc, which in turn makes it possible to play music for a long time without having to change the disc.

What is WMA?
- An abbreviation of “Windows Media Audio,” WMA is an audio compression format developed by Microsoft.
- WMA files for which the DRM (Digital Rights Management) function is on cannot be played.
- Windows Media™ and the Windows® logo are trademarks or registered trademarks of Microsoft Corporation in the United States and other countries.

What is AAC?
- An abbreviation of “Advanced Audio Coding,” AAC is an audio compression format used by MPEG2 and MPEG4.

Points to remember when making MP3/WMA/AAC files
Common
- High bit rate and high sampling frequency are recommended for high quality sounds.
- Selecting VBR (Variable Bit Rate) is not recommended. Selecting VBR may cause display of incorrect playing time and jumpiness of playback.
- Playback sound quality varies depending on the encoding environment. For details, refer to the user manual of the encoding software and the writing software in use.

NOTICE
Never use “.mp3”, “.wma” or “.m4a” as a file name extension if it is not in the MP3/WMA/AAC format file. Failure to observe this may result in damage to the speaker due to noise production.
OTHER CONTROLS AND EQUIPMENT

Recording MP3/WMA/AAC files on a CD media

- It is recommended not to write both CD-DA files and MP3/WMA/AAC files on a disc.
- If both CD-DA files and MP3/WMA/AAC files are on the same disc, tracks may not be played in the correct order or some tracks may not be played at all.
- When storing both MP3 data and WMA data on the same disc, sort and place them in different folders.
- Do not write files other than MP3/WMA/AAC files and unnecessary folders on a disc.
- MP3/WMA/AAC files should be named to meet the standards and the file system specifications as shown below.
- The file extension "mp3", "wma”, or "m4a” should be assigned to files based on their format independently.
- You may encounter a trouble in playing MP3/WMA/AAC files or displaying information of MP3/WMA/AAC files depending on the writing software or CD recorder in use.
- This unit does not have a playlist function.
- It is recommended to write discs in Disc-At-Once mode even though Multi-session mode is supported. These modes are the methods for writing audio data in CD.

Compression formats

<table>
<thead>
<tr>
<th>Format</th>
<th>Bit Rate</th>
<th>Sampling Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP3</td>
<td>MPEG1 Audio Layer III: 32 k - 320 kbps</td>
<td>32 k/44.1 k/48 kHz</td>
</tr>
<tr>
<td></td>
<td>MPEG2 Audio Layer III: 8 k - 160 kbps</td>
<td>16 k/22.05 k/24 kHz</td>
</tr>
<tr>
<td></td>
<td>MPEG2.5 Audio Layer III: 8 k - 160 kbps</td>
<td>8 k/11.025 k/12 kHz</td>
</tr>
</tbody>
</table>

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

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

AAC*

- Bit rate: ABR 16 k - 320 kbps
- Sampling frequency: 32 k/44.1 k/48 kHz
- Apple Lossless is not supported.

Supported file systems

ISO 9660 Level 1/Level 2, Joliet, Romeo

Maximum number of files/folders

- Maximum number of files: 512
- Maximum number of files in a folder: 255
- Maximum depth of tree structure: 8
- Maximum number of folders: 255
(Root folder is included.)
Listening to files stored in a USB device

EXAMPLE

Display

(A) (B)

USB F:\02
MP3 0:0

(C) (D)

(1) “MEDIA” button
(2) “TUNE/FLD PUSH SOUND” knob
(3) UP button
(4) DOWN button
(5) “RPT” button
(6) “RDM” button
(7) “DISP” button

(A) Folder number
(B) Track number
(C) Play time
(D) File type

NOTICE

Do not connect any USB device other than a USB memory or a USB audio player. Do not connect multiple USB devices to the USB connector using a USB hub, etc. Supplying power to multiple USB devices from the connector could cause overheating and smoking.
OTHER CONTROLS AND EQUIPMENT

Selecting a USB device mode
Press “MEDIA” button (1).
Each time the button is pressed, the mode will change as follows:

- USB (iPod®) (if equipped)
- Bluetooth® audio (if equipped)
- AUX (if equipped)

Selecting a folder
Turn “TUNE/FLD PUSH SOUND” knob (2) to select the desired folder.

Selecting a track
- Press UP button (3) to listen to the next track.
- Press DOWN button (4) twice to listen to the previous track.
  When DOWN button (4) is pressed once, the track currently being played will start from the beginning again.

Fast forwarding/rewinding a track
- Hold down UP button (3) to fast forward the track.
- Hold down DOWN button (4) to fast rewind the track.

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

- FOLDER RANDOM
  The random indicator “F.RDM” will light. The tracks in the currently selected folder will be played in random order.
- ALL RANDOM
  The random indicator “RDM” will light. The tracks in the connected USB device will be played in random order.

Repeat playback
Press “RPT” button (5).
Each time the button is pressed, the mode will change as follows:

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

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

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

NOTE:
- “NO TITLE” will be displayed when there is no text information in the file currently being played.
- If text data contains more than 16 characters, “>” mark will appear at the right end. Holding down “DISP” button (7) for 1 second or longer can display the next page.
Notes on USB device

Compatible USB devices
• USB mass storage class.
  For details as to whether your USB memory/USB audio is compatible with USB mass storage class, please contact the USB memory/USB audio manufacturer.
• USB standard compatibility 1.1/2.0 full speed.
• File system FAT12/16/32, VFAT.
• Maximum current less than 1.0 A.
• If devices such as USB hub, extension cable are connected to the audio system, it may not be recognized. In such case, connect the USB device directly to the audio system.
• Devices such as MP3 player/mobile phone/digital camera may not be recognized by the audio system for playing music.

USB device connection
• When connecting a USB device, check that the connector is pushed all the way into the port.
• Do not leave the USB device for long periods of time inside the vehicle where the temperature can rise too high.
• Back up any important data beforehand. We cannot accept responsibility for any lost data.
• It is recommended not to connect a USB device that contains data files other than MP3/WMA/AAC format.

Recording MP3/WMA/AAC files on a USB device
• Playback or display may not be possible depending on the type of USB device in use or the condition of the recording.
• Depending on the connected USB memory, the files may be played in different order from the stored one.

Compression formats
MP3
• Bit rate: MPEG1 Audio Layer III: 32 k - 320 kbps
  MPEG2 Audio Layer III: 8 k - 160 kbps
  MPEG2.5 Audio Layer III: 8 k - 160 kbps
• Sampling frequency: MPEG1 Audio Layer III: 32 k/44.1 k/48 kHz
  MPEG2 Audio Layer III: 16 k/22.05 k/24 kHz
  MPEG2.5 Audio Layer III: 8 k/11.025 k/12 kHz

WMA (Ver. 7, Ver. 8, Ver. 9*)
• Bit rate: CBR 32 k - 320 kbps
• Sampling frequency: 32 k/44.1 k/48 kHz
  * WMA 9 Professional/LossLess/Voice are not supported.

AAC*
• Bit rate: ABR 16 k - 320 kbps
• Sampling frequency: 32 k/44.1 k/48 kHz
  * Apple Lossless is not supported.

Maximum number of files/folders
• Maximum number of files: 2500
• Maximum number of files in a folder: 255
• Maximum depth of tree structure: 8
• Maximum number of folders: 255
  (Root folder is included.)
Listening to an iPod®

EXAMPLE

Display

- (1) “MEDIA” button
- (2) “TUNE/FLD PUSH SOUND” knob
- (3) UP button
- (4) DOWN button
- (5) “RPT” button
- (6) “RDM” button
- (7) “DISP” button
- (8) PRESET buttons ([1] to [6])

(A) Track title
(B) Track number
(C) Play time
OTHER CONTROLS AND EQUIPMENT

Selecting an iPod® mode
Press “MEDIA” button (1).
Each time the button is pressed, the mode will change as follows:

- USB (iPod®) (if equipped)
- Bluetooth® audio (if equipped)
- AUX (if equipped)

Selecting a track
- Press UP button (3) to listen to the next track.
- Press DOWN button (4) twice to listen to the previous track.
When DOWN button (4) is pressed once, the track currently being played will start from the beginning again.

Fast forwarding/rewinding a track
- Hold down UP button (3) to fast forward the track.
- Hold down DOWN button (4) to fast rewind the track.

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

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

Repeat playback
Press “RPT” button (5).
Each time the button is pressed, the mode will change as follows:

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

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

- Playlist name / Track title (Playlist mode only)
- Artist name / Track title
- Album name / Track title
- Track title / Play time

NOTE:
If text data contains more than 16 characters, “>” mark will appear at the right end. Holding down “DISP” button (7) for 1 second or longer can display the next page.
OTHER CONTROLS AND EQUIPMENT

Playing mode selection
1) Press the button numbered [6] of PRE-SET buttons (8) for 1 second or longer.
2) Turn “TUNE/FLD PUSH SOUND” knob (2).
   Each time the knob is turned, the mode will change as follows:

   - PLAYLIST
   - ARTIST
   - ALBUM
   - SONGS
   - PODCAST
   - GENRE
   - AUDIOBOOK

3) Press “TUNE/FLD PUSH SOUND” knob (2) to select the desired mode.

NOTE:
- When the button numbered [6] of PRE-SET buttons (8) is pressed, the previous mode will be displayed.

Notes on iPod®
- iPod® touch (6th generation)
- iPod® touch (5th generation)
- iPod® touch (4th generation)
- iPod® touch (3rd generation)
- iPod® touch (2nd generation)
- iPod® touch (1st generation)
- iPod® classic
- iPod® nano (7th generation)
- iPod® nano (6th generation)
- iPod® nano (5th generation)
- iPod® nano (4th generation)
- iPod® nano (3rd generation)
- iPod® nano (2nd generation)
- iPod® nano (1st generation)
- iPod® (5th generation)
- iPhone® 6S Plus
- iPhone® 6S
- iPhone® 6 Plus
- iPhone® 6
- iPhone® 5S
- iPhone® 5C
- iPhone® 5
- iPhone® 4S
- iPhone® 4
- iPhone® 3GS
- iPhone® 3G
- iPhone®

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

* Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

iPod® connection
- Make sure to detach the iPod® after turning the ignition switch to “LOCK” position or pressing the engine switch to change the ignition mode to LOCK (OFF). The iPod® may not be shut down when it is being connected and may result in battery depletion.
- Do not connect iPod® accessories such as an iPod® remote control or headphones while connecting the iPod® with the unit. The unit may not operate correctly.
AUX function

EXAMPLE

AUX connection
To listen to auxiliary audio sources (sold separately) through the unit, follow the instruction below.
1) Connect the auxiliary audio source to the AUX/USB socket (separately attached) with an AUX cable.
2) Press “MEDIA” button (1).
   Each time the button is pressed, the mode will change as follows:

   **CAUTION**
   • Before connection, mute the unit, and also keep the volume of the auxiliary audio source within a range that will not cause distortion.
   • When the audio source is turned off, noise may be emitted. Be sure to turn off the unit or switch to another mode before turning off the audio source.
OTHER CONTROLS AND EQUIPMENT

**NOTE:**
- Please consult your place of purchase for details about whether a given auxiliary audio source can be connected and the proper auxiliary cord to use.
- The volume and tone controls of the auxiliary audio source can be adjusted on the unit.
- In AUX mode, the volume setting is different from another mode.
Bluetooth® hands-free (if equipped)

EXAMPLE

(1) “TUNE/FLD PUSH SOUND” knob
(2) “VOL PUSH PWR” knob
(3) PRESET buttons
(4) BACK button
(5) Bluetooth® setup button (on control panel)

Steering switch

(6) Bluetooth® setup button (on steering wheel)
(7) OFF HOOK button
(8) ON HOOK button
(9) MUTE switch
(10) “VOL” switch
OTHER CONTROLS AND EQUIPMENT

Phone registration

To use the hands-free function with this unit, it is required to register the phone in advance.

NOTE:
- Up to 5 phones can be registered.
- To set up a new phone, disconnect the audio player from the unit. Connect the audio player again after phone setup is completed if necessary.
- 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.

1) Press the Bluetooth® setup button (5) or (6).
   The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Bluetooth”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Pairing”, and press the knob (1) to determine the selection.
4) Select “CAR AUDIO” from the Bluetooth® menu of the phone and establish the pairing.
   Refer to the manual of the phone in use for further information.
5) Enter the passkey displayed on the unit to the phone.
6) When the pairing with the phone is established, automatic transfer of the phonebook and the call history becomes selectable. The automatic transfer starts with “Yes” and it does not with “No”.
7) Press ON HOOK button (8).
   NOTE:
   - When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.
   - When registering an additional phone, repeat Step from 1).

Receiving a call
Press OFF HOOK button (7) to receive a call.

Ending a call
Press ON HOOK button (8) to end a call.

Rejecting a call (only for supported models)
Press ON HOOK button (8) to reject an incoming call.

Mute of hands-free microphone
Press MUTE switch (9) to mute the microphone. To cancel the mute, press MUTE switch (9) again.

Adjusting the listening volume
- Turn “VOL PUSH PWR” knob (2) during a call.
  Turning it clockwise increases the volume; turning it counterclockwise decreases the volume.
- Press “VOL” switch (10) during a call.
  Pressing the switch up increases the volume; pressing the switch down decreases the volume.

Adjusting the ring volume
- Turn “VOL PUSH PWR” knob (2) while a call is coming in.
  Turning it clockwise increases the volume; turning it counterclockwise decreases the volume.
- Press “VOL” switch (10) during a call.
  Pressing the switch up increases the volume; pressing the switch down decreases the volume.
Adjusting the call or ringtone volume
Follow the instructions below to adjust the call or ringtone volume.
1) Press the Bluetooth® setup button (5) or (6). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Phonebook”, and press the knob (1) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Call Volume” or “Ringtone Volume”, and press the knob (1) to determine the selection.
5) Turn “TUNE/FLD PUSH SOUND” knob (1) to select the desired call or ringtone volume, and press the knob (1) to determine the selection.

NOTE: When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.

Dialing using missed/incoming/outgoing calls
Follow the instructions below to dial to the previously dialed number again.

NOTE: Up to 30 phone numbers of the latest calls can be stored (30 calls including missed, received and dialed call).

1) Press OFF HOOK button (7). The Bluetooth® phonebook menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “All Calls”, “Missed Calls”, “Incoming Calls” or “Outgoing Calls”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select the desired number, and press the knob (1) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Dial”, and press the knob (1) or OFF HOOK button (7) to dial to the selected number.

NOTE:
• When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.
• Pressing “Confirm” after selecting “Add Speed Dial” can register the selected number in the speed dial.
• Pressing “Confirm” after selecting “Delete” can delete the selected number from the call history.

Deletion of call history
Follow the instructions below to delete a missed/incoming/outgoing call history.
1) Press the Bluetooth® setup button (5) or (6). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Phonebook”, and press the knob (1) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Delete History”, and press the knob (1) to determine the selection.
5) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Missed Calls”, “Incoming Calls”, or “Outgoing Calls”, and press the knob (1) to determine the selection.
6) Turn “TUNE/FLD PUSH SOUND” knob (1) to select a number to be deleted or “ALL”, and press the knob (1) to determine the selection.
OTHER CONTROLS AND EQUIPMENT

7) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Delete?” or “Delete All?”, and press the knob (1) to determine the selection.
8) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Confirm”, and press the knob (1) to complete the deletion.

NOTE:
When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.

Registration in Phonebook
Follow the instructions below to register phone numbers in the Phonebook of the unit.
1) Press the Bluetooth® setup button (5) or (6). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Phonebook”, and press the knob (1) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Add Contacts”, and press the knob (1) to determine the selection.
5) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Overwrite All” or “Add One Contact”, and press the knob (1) to determine the selection.
6) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Confirm”, and press the knob (1) to determine the selection.
7) Transfer contacts from the phone. When the registration is completed, the “Setup Phonebook” will be displayed.

NOTE:
• When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.
• Up to 1000 numbers can be registered in Phonebook.

Transfer of call history (Call History)
Follow the instructions below to transfer call history of the registered phone.
1) Press the Bluetooth® setup button (5) or (6). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Telephone”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Phonebook”, and press the knob (1) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Add Contacts”, and press the knob (1) to determine the selection.
5) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Overwrite All” or “Add One Contact”, and press the knob (1) to determine the selection.
6) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Confirm”, and press the knob (1) to determine the selection.
7) Transfer contacts from the phone.

NOTE:
When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.
Automatic transfer of phonebook/call history
You can select whether or not the device transfers the phonebook and the call history automatically when the phone is registered.
Follow the instructions below to select.
1) Press the Bluetooth® setup button (5) or (6).
The Bluetooth® setup menu will be displayed.
2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Telephone", and press the knob (1) to determine the selection.
3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select the initial of the name you would like to make a call, and press the knob (1) to determine the selection.
4) Pressing "TUNE/FLD PUSH SOUND" knob (1) switches between "A.transfer On" and "A.transfer Off".
5) Selecting "Go Back" or pressing the BACK button (4) stores displayed setting and the previous menu is displayed.

Making a call by phonebook
Follow the instructions below to dial a number registered in phonebook.
1) Press OFF HOOK button (7).
The Bluetooth® phonebook menu will be displayed.
2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Phonebook", and press the knob (1) to determine the selection.
3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select the initial of the name you would like to make a call, and press the knob (1) to determine the selection.
4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Dial", and press the knob (1) or OFF HOOK button (7).
The displayed number or the number registered with the displayed name will be dialed.

Deletion of registered data (Delete Entry)
Follow the instructions below to delete a number registered in phonebook.
1) Press the Bluetooth® setup button (5) or (6).
The Bluetooth® setup menu will be displayed.
2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Telephone", and press the knob (1) to determine the selection.
3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Phonebook", and press the knob (1) to determine the selection.
4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Delete Contacts", and press the knob (1) to determine the selection.
5) Turn "TUNE/FLD PUSH SOUND" knob (1) to select the initial of the name you would like to delete or "ALL", and press the knob (1) to determine the selection.
6) Turn "TUNE/FLD PUSH SOUND" knob (1) to select the name you would like to delete, and press the knob (1) to determine the selection.
7) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Confirm", and press the knob (1) to complete the deletion.

NOTE: When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.
 Registration in speed dial
Follow the instructions below to assign a number to one of PRESET buttons (3) to use as the speed dial.

1) Press the Bluetooth® setup button (5) or (6). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select "Setup Telephone", and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select "Setup Phonebook", and press the knob (1) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (1) to select "Add Speed Dial", and press the knob (1) to determine the selection.
5) Turn “TUNE/FLD PUSH SOUND” knob (1) to select the initial of the name you would like to register in speed dial, and press the knob (1) to determine the selection. The registered numbers will be displayed in sequence. If names have been registered together with numbers, the names will be displayed.
6) Turn “TUNE/FLD PUSH SOUND” knob (1) to select "Choose Preset", and press one of PRESET buttons (3) to which the selected number is to be assigned. If a number is already assigned to the selected button, a confirmation message will be displayed. Turn “TUNE/FLD PUSH SOUND” knob (1) to select a confirmation message, and press the knob (1) to complete the assignment. Turn “TUNE/FLD PUSH SOUND” knob (1) to select "Confirm", and press the knob (1) to complete the assignment. When the assignment is completed, the “Setup Phonebook” will be displayed.

NOTE:
When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.

One-touch call (Speed dial)
Follow the instructions below to dial the number assigned to each of the PRESET buttons (3).

1) Press OFF HOOK button (7). The Bluetooth® phonebook menu will be displayed. Pressing one of PRESET buttons (3) can skip step 2) and the 1st line of step 3).
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Speed Dials”, and press the knob (1) to determine the selection.
3) Press one of PRESET buttons (3). The assigned number will be displayed. If no number is assigned, “No Entry” is displayed.
4) Press OFF HOOK button (7). The selected number will be dialed.
Deletion of speed dial (Del Speed Dial)
Follow the instructions below to delete the number assigned for the speed dial.
1) Press OFF HOOK button (7).
   The Bluetooth® phonebook menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Speed Dials”, and press the knob (1) to determine the selection.
3) Press one of PRESET buttons (3) to which the number to be deleted is assigned.
   If the number is not registered, “No Entry” is displayed.
4) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Delete”, and press the knob (1) to determine the selection.
5) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Del Speed Dial”, and press the knob (1) to determine the selection.
6) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Confirm”, and press the knob (1) to complete the deletion.

NOTE:
When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.

Display of device data (Device Name)
Follow the instructions below to display the BD (Bluetooth® Device) address and device name.
1) Press the Bluetooth® setup button (5) or (6).
   The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Bluetooth”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Bluetooth Info”, and press the knob (1) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Device Name” or “Device Address”, and press the knob (1) to display the device name or the BD (Bluetooth® Device) address.

NOTE:
When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.

Reset to the factory defaults
Follow the instructions below to reset all the settings to the factory defaults.
1) Press the Bluetooth® setup button (5) or (6).
   The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Bluetooth”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Initialize”, and press the knob (1) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “All Initialize”, and press the knob (1) to determine the selection.
5) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Confirm”, and press the knob (1) to start the reset.

NOTE:
When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.
**OTHER CONTROLS AND EQUIPMENT**

Selection of phone (Select Phone)
Follow the instructions below to select a phone to be paired with from the registered phones.
1) Press the Bluetooth® setup button (5) or (6). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Bluetooth”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select a phone to be paired with, and press the knob (1) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Select”, and press the knob (1) to determine the selection.

**NOTE:**
- When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.
- The Bluetooth® ready audio device will be disconnected when the phone is selected.

List of phones (List Phones)
Follow the instructions below to display the names of the registered phones in sequence.
1) Press the Bluetooth® setup button (5) or (6). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Bluetooth”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “List Phone”, and press the knob (1) to determine the selection.

**NOTE:**
When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.

Passkey setting (Set Passkey)
Follow the instructions below to set the security number (passkey).
1) Press the Bluetooth® setup button (5) or (6). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Bluetooth”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Passkey”, and press the knob (1) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Enter New Passkey”, and press the knob (1) to determine the selection.
5) Press or turn “TUNE/FLD PUSH SOUND” knob (1) to select “Confirm”.
6) Turn “TUNE/FLD PUSH SOUND” knob (1) to select a number for the first digit, and press the knob (1) to determine the selection. Select and determine numbers for the second, third and fourth digits in order in the same manner.
When not entering up to the eighth digit, enter blanks for the successive digits.
7) Press “TUNE/FLD PUSH SOUND” knob (1) to determine the passkey setting.

**NOTE:**
When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.
Deletion of phone information (Delete Phone)
Follow the instructions below to delete the registered phone information.
1) Press the Bluetooth® setup button (5) or (6). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Bluetooth”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “List Phone”, and press the knob (1) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (1) to select a phone to be deleted, and press the knob (1) to determine the selection.
5) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Delete”, and press the knob (1) to determine the selection.
6) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Delete?”, and press the knob (1) to determine the selection.
7) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Confirm”, and press the knob (1) to determine the selection.

NOTE:
When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.

BT function on/off (BT Power)
Follow the instructions below to turn on/off the Bluetooth® function.
1) Press the Bluetooth® setup button (5) or (6). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “Setup Bluetooth”, and press the knob (1) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (1) to select “BT Power On” or “BT Power Off”.

NOTE:
• When the BT function is turned off, the connection between this unit and the registered phone in use will be disconnected.
• When selecting “Go Back” or pressing BACK button (4), the previous menu will be displayed.
OTHER CONTROLS AND EQUIPMENT

Bluetooth® audio (if equipped)

EXAMPLE

Steering switch

EXAMPLE

Display

(1) “MEDIA” button
(2) “TUNE/FLD PUSH SOUND” knob
(3) UP button
(4) DOWN button
(5) “DISP” button
(6) BACK button
(7) Bluetooth® setup button (on control panel)
(8) Bluetooth® setup button (on steering wheel)

(A) Track number
(B) Play time
OTHER CONTROLS AND EQUIPMENT

Registration of audio devices

To use Bluetooth® ready audio devices with this unit, it is required to register the devices.

NOTE:
- To set up a new audio player, disconnect the phone from the unit. Connect the phone after audio player setup is completed if necessary.
- When 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 audio player manual for assistance with the pairing process.

1) Press the Bluetooth® setup button (7) or (8).
   The Bluetooth® setup menu will be displayed.

2) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Setup Bluetooth”, and press the knob (2) to determine the selection.

3) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Pairing”, and press the knob (2) to determine the selection.

4) Select “CAR AUDIO” from the Bluetooth® menu of the audio player and establish the pairing.
   Refer to the manual of the audio player in use for further information.

5) Enter the passkey displayed on the unit to the audio player.

NOTE:
- When selecting “Go Back” or pressing BACK button (6), the previous menu will be displayed.
- When registering additional audio devices, repeat Step from 1).

Selecting Bluetooth® audio mode

Press “MEDIA” button (1).
Each time the button is pressed, the mode will change as follows:

| USB (iPod®) (if equipped) | Bluetooth® audio (if equipped) | AUX (if equipped) |

Selecting a group (only for supported models)

Turn “TUNE/FLD PUSH SOUND” knob (2) to select a group.

Selecting a track

- Press UP button (3) to listen to the next track.
- Press DOWN button (4) twice to listen to the previous track.
   When DOWN button (4) is pressed once, the track currently being played will start from the beginning again.

Fast forwarding/rewinding a track

- Hold down UP button (3) to fast forward the track.
- Hold down DOWN button (4) to fast rewind the track.

NOTE:
Some functions may not be available depending on Bluetooth® audio.

Display change

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

| Play time | Track name | Artist name | Album name |

NOTE:
If text data contains more than 16 characters, “>” mark will appear at the right end. Holding down “DISP” button (5) for 1 second or longer can display the next page.
## OTHER CONTROLS AND EQUIPMENT

### Selection of audio device (Select Audio)
Follow the instructions below to select an audio device to be paired with from the registered audio devices.

1) Press the Bluetooth® setup button (7) or (8). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Setup Bluetooth”, and press the knob (2) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “List Audio”, and press the knob (2) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (2) to select an audio device to be used, and press the knob (2) to determine the selection.
5) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Select”, and press the knob (2) to determine the selection.

**NOTE:**
- When selecting “Go Back” or pressing BACK button (6), the previous menu will be displayed.
- The phone will be disconnected when the Bluetooth® ready audio device is selected.

### List of audio devices (List Audio)
Follow the instructions below to display the names of the registered audio devices in sequence.

1) Press the Bluetooth® setup button (7) or (8). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Setup Bluetooth”, and press the knob (2) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “List Audio”, and press the knob (2) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (2) to select an audio device to be used, and press the knob (2) to determine the selection.
5) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Select”, and press the knob (2) to determine the selection.
6) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “List Audio”, and press the knob (2) to determine the selection.
7) Turn “TUNE/FLD PUSH SOUND” knob (2) to determine the selection.

**NOTE:**
- When selecting “Go Back” or pressing BACK button (6), the previous menu will be displayed.

### Passkey setting (Set Passkey)
Follow the instructions below to set the security number (Passkey).

1) Press the Bluetooth® setup button (7) or (8). The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Setup Bluetooth”, and press the knob (2) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Passkey”, and press the knob (2) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Enter New Passkey”, and press the knob (2) to determine the selection.
5) Press or turn “TUNE/FLD PUSH SOUND” knob (2) to select “Confirm”.
6) Turn “TUNE/FLD PUSH SOUND” knob (2) to select a number for the first digit, and press the knob (2) to determine the selection. Select and determine numbers for the second, third and fourth digits in order in the same manner. When not entering up to the eighth digit, enter blanks for the successive digits.
7) Press “TUNE/FLD PUSH SOUND” knob (2) to determine the passkey setting.

**NOTE:**
- When selecting “Go Back” or pressing BACK button (6), the previous menu will be displayed.
Deletion of audio device information (Delete Audio)
Follow the instructions below to delete the registered audio device information.
1) Press the Bluetooth® setup button (7) or (8).
The Bluetooth® setup menu will be displayed.
2) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Setup Bluetooth”, and press the knob (2) to determine the selection.
3) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “List Audio”, and press the knob (2) to determine the selection.
4) Turn “TUNE/FLD PUSH SOUND” knob (2) to select an audio device to be deleted, and press the knob (2) to determine the selection.
5) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Delete”, and press the knob (2) to determine the selection.
6) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Delete?”, and press the knob (2) to determine the selection.
7) Turn “TUNE/FLD PUSH SOUND” knob (2) to select “Confirm”, and press the knob (2) to complete the deletion.

NOTE:
When selecting “Go Back” or pressing BACK button (6), the previous menu will be displayed.

Disclaimer for Bluetooth® function
- Depending on compatibility of mobile phone models, no Bluetooth® function can be used, or some Bluetooth® functions may be restricted.
- Connectivity or voice quality may get affected depending on circumstances.
- After the ignition switch is turned to “ON” position or the engine switch is pressed to change the ignition mode to ON, the audio system takes few seconds to detect and connect to the Bluetooth® device (if already paired).

Remote audio controls (if equipped)
Controlling basic functions of the audio system is available using the switches on the steering wheel.

EXAMPLE
OTHER CONTROLS AND EQUIPMENT

Adjusting the volume
• To increase the volume, press the “VOL” switch (1) up. The volume will continue to increase until the switch is released.
• To decrease the volume, press the “VOL” switch (1) down. The volume will continue to decrease until the switch is released.
• To mute the sound, press the switch (2).

Selecting the mode
Press the switch (3). Each time the button is pressed, the mode will change as follows:

FM1 (Radio) ➔
FM2 (Radio) ➔
CD ➔
Bluetooth® audio (if equipped) ➔
AUX (if equipped) ➔
USB (iPod®) (if equipped) ➔
AM (Radio) ➔

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

Selecting the radio station (AM, FM1, FM2 mode)
• To select the next preset station, press “>” of the switch (4) only for a moment.
• To select the previous preset station, press “<” of the switch (4) only for a moment.
• To scan a higher frequency radio station, press “>” of the switch (4) for 1 second or longer.
• To scan a lower frequency radio station, press “<” of the switch (4) for 1 second or longer.

Selecting the track (CD, USB (iPod®), Bluetooth® audio mode)
• To skip to the next track, press “>” of the switch (4) only for a moment.
• To skip to the previous track, press “<” of the switch (4) twice only for a moment.
When the switch (4) is pushed down once only for a moment, the track currently being played will start from the beginning again.

Fast forwarding/rewinding a track
• To fast forward a track, press “>” of the switch (4) for 1 second or longer.
• To fast rewind a track, press “<” of the switch (4) for 1 second or longer.
OTHER CONTROLS AND EQUIPMENT

Anti-theft feature

EXAMPLE

The anti-theft function is intended to discourage thefts. For example, when the audio system is installed in another vehicle, it will become unable to operate. 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.

(1) VOL PUSH PWR* knob
(2) PRESET buttons ([1] to [6])
(3) UP button
(4) "TUNE/FLD PUSH SOUND" knob
OTHER CONTROLS AND EQUIPMENT

Setting the anti-theft function
1) Press “VOL PUSH PWR” knob (1) to power off.
2) Hold down the buttons numbered [1] and [6] of PRESET buttons (2) and press “VOL PUSH PWR” knob (1).
   “SECURITY” will be displayed.
3) Press UP button (3) and the button numbered [1] of PRESET buttons (2) simultaneously.
4) Enter a 4-digit number to be registered as PIN using the buttons numbered [1] - [4] of PRESET buttons (2).
5) Hold down “TUNE/FLD PUSH SOUND” knob (4) for 1 second or longer to set the anti-theft function.

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

Canceling the anti-theft feature
To cancel the anti-theft function, delete the registered PIN.
1) Press “VOL PUSH PWR” knob (1) to power off.
2) Hold down the buttons numbered [1] and [6] of PRESET buttons (2) and press “VOL PUSH PWR” knob (1).
   “PIN ENTRY” will be displayed.
3) Press UP button (3) and the button numbered [1] of PRESET buttons (2) simultaneously.
4) Enter a 4-digit number to be registered as PIN using the buttons numbered [1] - [4] of PRESET buttons (2).
5) Hold down “TUNE/FLD PUSH SOUND” knob (4) for 1 second or longer to delete the registered PIN. The indication “----” will be displayed and the anti-theft function will be canceled.

NOTE:
To change your PIN, first delete your current PIN, 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 operate the unit again.
1) Set the ignition switch to “ACC” position or the ignition mode to ON.
   “SECURITY” will be displayed.
2) Press UP button (3) and the button numbered [1] of PRESET buttons (2) simultaneously.
3) Enter a 4-digit number to be registered as PIN using the buttons numbered [1] - [4] of PRESET buttons (2).
4) Hold down “TUNE/FLD PUSH SOUND” knob (4) for 1 second or longer.
   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, “HELP” will be displayed and the audio system will become inoperable.
Battery installation
Install a lithium battery (CR2025) with the poles facing the correct direction.

EXAMPLE

Battery replacement timing
- When battery power is depleted, the button may not be operable. If the remote controller does not operate, replace the battery and check the operation.

Caution on battery
- Be sure to follow the instructions to prevent battery leakage, over-heating, ignition or explosion.

WARNING
- Do not expose the battery to flame. Do not short circuit, disassemble, or heat the battery.
- Do not charge the battery.
- Use the specified type battery.
- Keep the button-shaped battery away from children to prevent accidental swallowing.
- If the battery is swallowed, contact a doctor immediately.

CAUTION
- Install the battery with the poles facing the correct direction.
- When not in use for a long period of time, or if the battery is dead, remove the battery from the remote controller.

If battery leakage has occurred, wipe the container first then install a new battery. If the battery solution contacts the skin, wash off with water completely.
OTHER CONTROLS AND EQUIPMENT

Caution on remote controller
• Do not leave the remote controller in an area exposed to direct sunlight, such as on the dashboard or steering wheel. The remote controller may deform because of the heat. (Be especially careful of the dashboard exposed to direct sunlight in the summer, as it will become extremely hot).
• When the vehicle is parked in an area exposed to direct sunlight, ensure the remote controller is placed in an area not exposed to direct sunlight. For example: Glove box. Under direct sunlight, signal reception from the remote controller weakens. If this happens, hold the remote controller close to the signal receptor on the front panel.
Remote controller (if equipped)

Common operations

- **POWER button**
  - Power ON / OFF

- **VOLUME button**
  - Press to adjust volume.
    - (including at AUX mode)

- **TUNE FOLDER UP/DOWN button**
  - In Sound Mode
    - Press to adjust the sound (bass/treble/balance/fader).
  - In Preset-EQ Mode
    - The Preset-EQ setting switches as follows:
      - OFF (FLAT)
      - JAZZ
      - ROCK
      - POP
      - CLASSIC
      - HIP-HOP

- **MUTE button**
  - Press to mute the sound. Press it again to cancel the mute.

- **MODE button**
  - The mode switches as follows:
    - FM1
    - FM2
    - CD
    - Bluetooth® audio (if equipped)
    - AUX (if equipped)
    - USB (iPod®) (if equipped)
    - AM

- **SOUND button**
  - While playback, the sound mode switches as follows (including at AUX mode, except while displaying iPod® menu):
    - Preset-EQ
    - BASS
    - TREBLE
    - BALANCE
    - FADER
    - AVC
OTHER CONTROLS AND EQUIPMENT

Radio operations

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

**SEEK TRACK UP/DOWN button**
- Press to select the radio station.

**PRESET buttons (1-6)**
- Press to select the desired preset station.

**NOTE:**
When there are fewer than 6 stations that can be stored even if 1 round of auto store operation is performed, no station will be stored at the remaining preset buttons.
CD operations

**RDM (5) button**
- Press to play the current track randomly.
  Press it again to cancel.

**RPT (4) button**
- Press to play the current track repeatedly.
  Press it again to cancel.

**SEEK TRACK UP/DOWN button**
- Press to skip to the next/previous track.
- Press it for 1 second or longer to fast-forward/fast-rewind the track.

**DISP (6) button**
- The display switches as follows:
  - Play time
  - Disc title
  - Track title
- Press it for 1 second or longer to display the next page.
THE OTHER CONTROLS AND EQUIPMENT

MP3/WMA/AAC DISC OPERATIONS

TUNE FOLDER UP/DOWN button
- Press to skip to the next/previous folder.

RPT (4) button
- The repeat mode switches as follows:
  - OFF
  - FILE REPEAT
  - FOLDER REPEAT

RDM (5) button
- The random mode switches as follows:
  - OFF
  - FOLDER RANDOM
  - ALL RANDOM

SEEK TRACK UP/DOWN button
- Press to skip to the next/previous track.
- Press it for 1 second or longer to fast-forward/fast-rewind the track.

DISP (6) button
- The display switches as follows:
  - Play time
  - Folder name
  - File name
  - Album name (MP3, AAC only)
  - Track title
  - Artist name
- Press it for 1 second or longer to display the next page.

Press to skip to the next/previous track.

Press it for 1 second or longer to fast-forward/fast-rewind the track.
USB operations

**TUNE FOLDER UP/DOWN button**
- Press to skip to the next/previous folder.

**RPT (4) button**
- The repeat mode switches as follows:
  - OFF
  - FILE REPEAT
  - FOLDER REPEAT

**RDM (5) button**
- The random mode switches as follows:
  - OFF
  - FOLDER RANDOM
  - ALL RANDOM

**SEEK TRACK UP/DOWN button**
- Press to skip to the next/previous file.
- Press it for 1 second or longer to fast-forward/fast-rewind the file.

**DISP (6) button**
- The display switches as follows:
  - Play time
  - Folder name
  - File name
  - Album name (MP3, AAC only)
  - Track title
  - Artist name
- Press it for 1 second or longer to display the next page.
OTHER CONTROLS AND EQUIPMENT

iPod® operations

**ENT button**
- While displaying iPod® menu, press to select the desired item and display the list. When a track is selected from the list, the playback starts.

**TUNE FOLDER UP/DOWN button**
- While displaying iPod® menu, press to display the next/previous list in the same layer.

**RPT (4) button**
- Press to play the current track repeatedly. Press it again to cancel.

**RDM (5) button**
- The random mode switches as follows:
  - OFF
  - SONG RANDOM
  - ALBUM RANDOM

**SEEK TRACK UP/DOWN button**
- Press to skip to the next/previous file.
- Press it for 1 second or longer to fast-forward/fast-rewind the file.

**DISP (6) button**
- The display switches as follows:
  - Playlist name / Track title (Playlist mode only)
  - Artist name / Track title
  - Album name / Track title
  - Track title / Play time
- Press it for 1 second or longer to display the next page.

**MENU button**
- During playback
  - Press to display iPod® menu.
  - Press it for 1 second or longer to display the top menu.
- While iPod® menu is displayed
  - Press to display the folder in one layer upper.
  - Press it for 1 second or longer to display the top menu.
## 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 your authorised Maruti Suzuki workshop.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Possible solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Common</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unable to operate</td>
<td>The security function is on.</td>
<td>When “SECURITY” is displayed, enter the PIN.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>When “HELP” is displayed, contact your authorised Maruti Suzuki workshop.</td>
</tr>
<tr>
<td>Unable to turn on the power (No sound is produced)</td>
<td>Fuse is blown.</td>
<td>Contact your authorised Maruti Suzuki workshop.</td>
</tr>
<tr>
<td><strong>Radio</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High noise</td>
<td>It may not be exactly tuned in to the station.</td>
<td>Tune it in exactly to the station.</td>
</tr>
<tr>
<td>Unable to receive by auto tuning</td>
<td>There may be no station emitting signals powerful enough.</td>
<td>Pick up a station by manual tuning.</td>
</tr>
<tr>
<td><strong>CD</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sound skips or noise produced</td>
<td>The disc is dirty.</td>
<td>Wipe the disc with a soft cloth.</td>
</tr>
<tr>
<td></td>
<td>The disc has a major scratch or is warped.</td>
<td>Replace the disc with the one which has no scratch and warp.</td>
</tr>
</tbody>
</table>


### OTHER CONTROLS AND EQUIPMENT

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Possible solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MP3/WMA/AAC</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No playback</td>
<td>The disc contains unsupported formatted data.</td>
<td>Check the file format.</td>
</tr>
<tr>
<td>Sound skips or noise produced</td>
<td>Sound skipping may occur when playing VBR (Variable Bit Rate) files.</td>
<td>It is not recommended to play VBR files.</td>
</tr>
<tr>
<td><strong>USB</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Playback does not start when the USB device is connected</td>
<td>There is no supported format file to play on this unit.</td>
<td>Check the file format.</td>
</tr>
<tr>
<td></td>
<td>The current consumption of the USB device exceeds 1.0 A.</td>
<td>Use a USB device with a current consumption lower than 1.0 A.</td>
</tr>
<tr>
<td><strong>Bluetooth®</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pairing failed</td>
<td>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.</td>
<td>Change the location of the Bluetooth ready device.</td>
</tr>
<tr>
<td></td>
<td>The Bluetooth function of the Bluetooth ready device is off.</td>
<td>Refer to the manual of the Bluetooth ready device (Some devices have the power saving function that automatically activates after a certain time).</td>
</tr>
<tr>
<td>Unable to receive a call</td>
<td>Your current location may be out of service area.</td>
<td>Drive your vehicle to the service area of the phone.</td>
</tr>
<tr>
<td>The voice quality of hands-free is low (Distortion, noise etc.)</td>
<td>Another wireless device may be located near the unit.</td>
<td>Switch off the wireless device or keep it away from the unit.</td>
</tr>
</tbody>
</table>
## Error display messages

<table>
<thead>
<tr>
<th>Display</th>
<th>Possible cause</th>
<th>Possible solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CD</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>“ERROR 1”</td>
<td>The disc cannot be read.</td>
<td>Insert the disc with its label side up. Check the disc if it is not warped or is free of flaws. When “ERROR 1” does not disappear even when a normal disc is inserted, contact your dealer.</td>
</tr>
<tr>
<td>“ERROR 3”</td>
<td>The player developed an error of an unidentified cause.</td>
<td>When the CD is in the unit, press the CD eject button to remove the disc. When the disc cannot be ejected, contact your dealer.</td>
</tr>
<tr>
<td><strong>USB/iPod®</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>“USB ERROR”</td>
<td>The USB device is disconnected.</td>
<td>Check the connection of the USB device.</td>
</tr>
<tr>
<td>“ERROR 2”</td>
<td>Impossible to communicate correctly with the USB device.</td>
<td>Unplug the USB device and plug it again. Check the USB device.</td>
</tr>
<tr>
<td>“ERROR 3”</td>
<td>Inoperable due to an unidentified cause.</td>
<td>Unplug the USB device and plug it again. When “ERROR 3” does not disappear, contact your dealer.</td>
</tr>
<tr>
<td>“ERROR 4”</td>
<td>The current consumption of the USB device exceeds 1.0 A.</td>
<td>Check the USB device.</td>
</tr>
</tbody>
</table>
### OTHER CONTROLS AND EQUIPMENT

<table>
<thead>
<tr>
<th>Display</th>
<th>Possible cause</th>
<th>Possible solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bluetooth®</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>“ERROR 1”</td>
<td>The player developed an error of an unidentified cause.</td>
<td>Disconnect the Bluetooth® ready device and connect it again. When “ERROR 1” does not disappear, contact your dealer.</td>
</tr>
<tr>
<td>“Connection Failed”</td>
<td>Failed to establish pairing or connection.</td>
<td>Try to establish the pairing or connection again.</td>
</tr>
<tr>
<td>“Memory Full”</td>
<td>Reached the limit for the number of phonebook data in transfer.</td>
<td>Delete registered data of unnecessary number in phonebook and try to transfer the register phone numbers in the phonebook again.</td>
</tr>
<tr>
<td>“Not Available”</td>
<td>Inoperable during driving.</td>
<td>Operate the system after pulling over your car.</td>
</tr>
</tbody>
</table>
Vehicle loading .......................................................... 6-1
Trailer towing ............................................................ 6-1
VEHICLE LOADING AND TOWING

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

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

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

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

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

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

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

Maintenance schedule ........................................................ 7-2
Periodic maintenance schedule ....................................... 7-2
Drive belt ................................................................. 7-6
Engine oil and filter .................................................... 7-6
Engine coolant .......................................................... 7-11
Air cleaner ................................................................. 7-13
Spark plugs (Petrol engine model) .................................. 7-13
Gear oil ................................................................... 7-14
Clutch pedal .............................................................. 7-15
Fuel filter (Diesel engine model) ................................. 7-16
Brakes ........................................................----------- 7-16
Steering .................................................................... 7-18
Tires ......................................................................... 7-18
Battery ....................................................................... 7-21
Fuses ......................................................................... 7-22
Headlight aiming ...................................................... 7-26
Bulb replacement ...................................................... 7-26
Wiper blades ............................................................. 7-31
Windshield washer fluid ............................................ 7-34
Air conditioning system .......................................... 7-34
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 air bag system or seat belt pretensioner system, check that the battery is disconnected and the ignition switch has been in “LOCK” position or the ignition mode has been LOCK (OFF) for at least 90 seconds before performing any electrical service work on your MARUTI SUZUKI vehicle. Do not touch air bag system components, seat belt pretensioner system components or wires. The wires are wrapped with yellow tape or yellow tubing, and the couplers are yellow for easy identification.
- Do not leave the engine running in garages or other confined areas.

(Continued)

WARNING
• When the engine is running, keep hands, clothing, tools, and other objects away from the fan and drive belt. Even though the fan may not be moving, it can automatically turn on without warning.
• When it is necessary to perform service work with the engine running, check that the parking brake is set fully and the transaxle is in Neutral (for manual transaxle 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.
• Do not get under your vehicle if it is supported only with the portable jack provided in your vehicle.
• Be careful not to cause accidental short circuits between the positive and negative battery terminals.

(Continued)

WARNING
• 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 authorised Maruti Suzuki workshop.

---

**NOTICE**
Whenever it becomes necessary to replace parts on your vehicle, it is recommended that you use MARUTI genuine replacement parts or their equivalent.

---

**Periodic Maintenance Schedule**

<table>
<thead>
<tr>
<th>Period</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>“C”: Clean</td>
<td></td>
</tr>
<tr>
<td>“R”: Replace or Change</td>
<td></td>
</tr>
<tr>
<td>“I”: Inspect, clean, adjust, lubricate or replace as necessary</td>
<td></td>
</tr>
<tr>
<td>“L”: Lubricate</td>
<td></td>
</tr>
<tr>
<td>“T”: Tighten to Specified Torque</td>
<td></td>
</tr>
<tr>
<td>“O”: Rotate</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:**
This table includes services as scheduled up to 80,000 km mileage. Beyond 80,000 km, carry out the same services at the same intervals respectively.
## INSPECTION AND MAINTENANCE

**Interval:** This interval should be judged by odometer reading or months, whichever comes first.

### FREE INSPECTION

<table>
<thead>
<tr>
<th>km (x1000)</th>
<th>1</th>
<th>5</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
</tr>
</thead>
<tbody>
<tr>
<td>months</td>
<td>1</td>
<td>6</td>
<td>12</td>
<td>24</td>
<td>36</td>
<td>48</td>
<td>60</td>
<td>72</td>
<td>84</td>
<td>96</td>
</tr>
</tbody>
</table>

### PERIODIC MAINTENANCE AT COST

<table>
<thead>
<tr>
<th></th>
<th>Petrol</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1.</td>
<td>Water pump drive belt (Tension, Wear)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>R</td>
</tr>
<tr>
<td>1-2.</td>
<td>Engine coolant (Level, Leakage)</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>1-3.</td>
<td>Engine oil, engine oil filter and drain plug gasket (Level, Leakage)</td>
<td>I</td>
<td>I</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>1-4.</td>
<td>Cooling system hoses and connections (Leakage and Damage)</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>1-5.</td>
<td>Engine cylinder head bolts</td>
<td>Petrol</td>
<td>-</td>
<td>-</td>
<td>T</td>
<td>-</td>
<td>T</td>
<td>-</td>
<td>T</td>
<td>-</td>
</tr>
<tr>
<td>1-6.</td>
<td>Engine mounting and manifold fixing (Leakage)</td>
<td>-</td>
<td></td>
<td>I</td>
<td>-</td>
<td>I</td>
<td>-</td>
<td>I</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1-7.</td>
<td>Valve clearance</td>
<td>Petrol</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>I</td>
<td>-</td>
<td>-</td>
<td>I</td>
<td>-</td>
</tr>
<tr>
<td>1-8.</td>
<td>Exhaust system (Noise, Leakage etc.)</td>
<td>-</td>
<td>I</td>
<td>-</td>
<td>-</td>
<td>I</td>
<td>-</td>
<td>I</td>
<td>-</td>
<td>I</td>
</tr>
<tr>
<td>1-9.</td>
<td>Positive crank case ventilation system (Hoses, Connections and Valve)</td>
<td>Petrol</td>
<td>-</td>
<td>I</td>
<td>-</td>
<td>I</td>
<td>-</td>
<td>I</td>
<td>-</td>
<td>I</td>
</tr>
<tr>
<td>1-10.</td>
<td>Exhaust gas recirculation valve</td>
<td>Diesel</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>C</td>
<td>-</td>
<td>-</td>
<td>C</td>
<td>-</td>
</tr>
</tbody>
</table>

### IGNITION

<table>
<thead>
<tr>
<th></th>
<th>Petrol</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1.</td>
<td>Ignition wire (Damage, Deterioration)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>I</td>
</tr>
<tr>
<td>2-2.</td>
<td>Spark plug</td>
<td>Petrol</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>I</td>
<td>-</td>
<td>I</td>
<td>-</td>
<td>I</td>
</tr>
</tbody>
</table>

### FUEL

<table>
<thead>
<tr>
<th></th>
<th>Paved-road</th>
<th>Petrol</th>
<th>Clean every 5,000 KM. Replace after every 40,000 KM.</th>
<th>Diesel</th>
<th>Clean every 10,000 KM. Replace after every 40,000 KM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-1.</td>
<td>Air cleaner filter element</td>
<td>Dusty Condition</td>
<td>Petrol</td>
<td>Clean every 2,500 KM or as required. Replace after every 40,000 KM.</td>
<td></td>
</tr>
<tr>
<td>3-2.</td>
<td>Fuel tank cap, fuel lines and connections (Leakage and Damage)</td>
<td></td>
<td></td>
<td>Replace more frequently if dust condition is severe.</td>
<td></td>
</tr>
<tr>
<td>3-3.</td>
<td>Fuel filter (Leakage)</td>
<td>Petrol</td>
<td>I</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>3-4.</td>
<td>Fuel filter and water draining</td>
<td>Diesel</td>
<td>I</td>
<td>I</td>
<td>R</td>
</tr>
</tbody>
</table>

### CLUTCH AND TRANSMISSION

<table>
<thead>
<tr>
<th></th>
<th>Petrol</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4-1.</td>
<td>Clutch pedal (Play)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>I</td>
</tr>
<tr>
<td>4-2.</td>
<td>Clutch fluid (Level, Leakage)</td>
<td>Diesel</td>
<td>I</td>
<td>I</td>
<td>R</td>
<td>I</td>
<td>R</td>
<td>I</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>4-3.</td>
<td>Clutch slipping (Dragging or Excess Damage)</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</td>
</tr>
</tbody>
</table>

---

7-3
## INSPECTION AND MAINTENANCE

### Interval: This interval should be judged by odometer reading or months, whichever comes first.

<table>
<thead>
<tr>
<th>km (x1000)</th>
<th>1</th>
<th>5</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
</tr>
</thead>
<tbody>
<tr>
<td>months</td>
<td>1</td>
<td>6</td>
<td>12</td>
<td>24</td>
<td>36</td>
<td>48</td>
<td>60</td>
<td>72</td>
<td>84</td>
<td>96</td>
</tr>
</tbody>
</table>

---

### 4-4. Manual transmission oil (Level, Leakage)

Replace at 1,60,000 km or 10 years whichever comes first.

<p>| | | | | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>

### 4-5. Gear shifter (Operation)

<p>| | | | | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>

### DRIVE SHAFT

- 5-1. Drive shaft noise

- 5-2. Drive shaft boot (Damage)

### BRAKE

- 6-1. Brake fluid (Level, Leakage)

- 6-2. Brake pedal (Pedal - carpet clearance)

- 6-3. Parking brake lever and cable (Play, Damage)

- 6-4. Brake disc and pad (Wear)

- 6-5. Brake drum and shoes (Wear)

- 6-6. Master cylinder, wheel cylinder, caliper piston (Fluid leakage, Boot/Seal damage)

- 6-7. Brake hoses and pipes (Fluid leakage, Damage)

### WHEEL

- 7-1. Tyres (Air pressure, Abnormal wear, Crack and Rotation)

- 7-2. Wheels (Damage)

- 7-3. Front/Rear wheel bearing (Loose, Damage)

### FRONT / REAR SUSPENSION

- 8-1. Suspension strut (Oil leakage, Damage)

- 8-2. Suspension arms / Knuckle support and Torsion rods (Loose, Damage)

- 8-3. Rear spring (Damage)

- 8-4. Shock absorbers (Oil leakage, Damage)

- 8-5. All bolts and nuts (Loose)
### INSPECTION AND MAINTENANCE

**Interval:** This interval should be judged by odometer reading or months, whichever comes first.

<table>
<thead>
<tr>
<th>km (x1000)</th>
<th>1</th>
<th>5</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
</tr>
</thead>
<tbody>
<tr>
<td>months</td>
<td>1</td>
<td>6</td>
<td>12</td>
<td>24</td>
<td>36</td>
<td>48</td>
<td>60</td>
<td>72</td>
<td>84</td>
<td>96</td>
</tr>
</tbody>
</table>

#### FREE INSPECTION

<table>
<thead>
<tr>
<th>Km (x1000)</th>
<th>1</th>
<th>5</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### PERIODIC MAINTENANCE AT COST

<table>
<thead>
<tr>
<th>Km (x1000)</th>
<th>1</th>
<th>5</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### STEERING

- **9-1. Steering wheel (Play, Loose)**
  - 1
- **9-2. All rods and arms (Loose, Damage, Wear)**
  - 1
- **9-3. Tilt steering (Operation)**
  - 1

#### ELECTRICAL

- **10-1. Battery - Electrolyte (Level, Leakage) and voltage**
  - 1
- **10-2. Wiring harness connection (Loose, Damage)**
  - -
- **10-3. Lighting system (Operation, Stains, Damage)**
  - 1
- **10-4. Wiper (Operation)**
  - 1
- **10-5. Horn (Operation)**
  - 1
- **10-6. AUX, USB and accessory socket (Operation)**
  - -

#### BODY

- **11-1. All chassis bolts and nuts (Tighten)**
  - -
- **11-2. All latches, hinges and locks (Function)**
  - 1 &L 1 &L 1 &L 1 &L 1 &L 1 &L 1 &L 1 &L

#### ROAD TEST

- **12-1. Operation of Brakes, gear shifting and speedometer**
  - 1
- **12-2. Body and chassis noise**
  - 1

#### AIR CONDITIONER

- **13-1. Check belt tension**
  - 1
- **13-2. Tighten compressor mounting bolt**
  - -
- **13-3. All hose joint (Check, Tighten)**
  - 1
- **13-4. Check functioning of recirculating flap**
  - 1
- **13-5. Clean condenser with low pressure water**
  - -
- **13-6. Check belt for frayed edges**
  - 1
- **13-7. Check all mounting bolts**
  - 1
- **13-8. Air conditioner filter element (if equipped)**
  - -
Drive belt

**WARNING**

When the engine is running, keep hands, hair, clothing, tools, etc. away from the moving fan and drive belts.

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

The belts should also be examined to ensure that they are not damaged.

If you need to replace or adjust the belt have it done by your authorised Maruti Suzuki workshop.

(For petrol engine model)

Drive belt deflection
(100 N (10 kg, 22 lbs) press)
(a) 5.2 – 6.0 mm (0.20 – 0.24 in.)

(Example)

(1) Front
(2) Rear
(3) Generator
(4) Water pump
(5) Air conditioner compressor
(6) Tensioner pulley

Engine oil and filter

Specified oil

(For petrol engine model)

(1) Preferred

Be sure that the engine oil you use comes under the quality classification of SL, SM or SN. Select the appropriate oil viscosity according to the above chart.

**SAE 0W-20** (1) is the best choice for good fuel economy and good starting in cold weather.

(For diesel engine model)

The drive belts tension is adjusted automatically.
Be sure that the engine oil you use comes under the quality classification of ACEA A5/B5. Select the appropriate oil viscosity according to the above chart.

SAE 5W-30 (1) is the best choice for good fuel economy, and good starting in cold weather.

EXAMPLE

(1) Preferred

EXEMPLARY

Oil level check

EXAMPLE

(For petrol engine model)

(2) MAX

(3) Engine oil dipstick
It is important to keep the engine oil at the correct level for proper lubrication of your vehicle’s engine. Check the oil level with the vehicle on a level surface. The oil level indication may be inaccurate if the vehicle is on a slope. The oil level should be checked either before starting the engine or at least 5 minutes after stopping the engine. 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.

**Refilling**

(For petrol engine model)

**EXAMPLE**

Open Close

**Refilling**

(For diesel engine model)

**EXAMPLE**

Open Close

**NOTE**

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

**NOTE**

(For diesel engine model)

Do not top up the oil over the MAX limit. Too much oil causes serious engine trouble.

**EXAMPLE**

Open Close

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.

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.
INSPECTION AND MAINTENANCE

Tightening torque for drain plug
Petrol engine: 35 Nm (3.6 kg-m, 25.8 lb-ft)
Diesel engine: 20 Nm (2.0 kg-m, 14.8 lb-ft)

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

Oil filter replacement

NOTE: (For diesel engine model)
Since special procedures and tools are required, ask your authorised Maruti Suzuki workshop for this job.

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.

(For petrol engine model)

EXAMPLE

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)

EXAMPLE

EXAMPLE

EXAMPLE

EXAMPLE

EXAMPLE

WARNING
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

NOTE: (For diesel engine model)
Since special procedures and tools are required, ask your authorised Maruti Suzuki workshop for this job.

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.

(Continued)

EXAMPLE

EXAMPLE

EXAMPLE

EXAMPLE

EXAMPLE

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)

EXAMPLE

EXAMPLE

EXAMPLE

EXAMPLE

EXAMPLE

WARNING
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

NOTE: (For diesel engine model)
Since special procedures and tools are required, ask your authorised Maruti Suzuki workshop for this job.

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

(For diesel engine model)

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.

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

- **Tightening torque for oil filter**
  - Petrol engine:
    - 3/4 turn or
    - 14 Nm (1.4 kg-m, 10.3 lb-ft)
  - Diesel engine:
    - 25 Nm (2.5 kg-m, 18.5 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 “Capacities” 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.

**NOTICE**
- When replacing the oil filter, it is recommended that you use a MARUTI genuine replacement filter. If you use an aftermarket filter, check that it is of equivalent quality and follow the manufacturer’s instructions.
- Oil leakage from the periphery of the oil filter or drain plug indicate incorrect installation or gasket damage. If you find any leakage or are not sure that the filter has been properly tightened, have the vehicle inspected by your authorised Maruti Suzuki workshop.

EXAMPLE
Engine coolant

Selection of coolant
To maintain optimum performance and durability of your engine, use MARUTI genuine coolant or equivalent.

This type of coolant is the best for cooling system for the following reasons:
• The coolant helps maintain proper engine temperature.
• It gives proper protection against freezing and boiling.
• It gives proper protection against corrosion and rust.

Failure to use the proper coolant can damage your cooling system. Your authorised Maruti Suzuki workshop can help you select the proper coolant.

NOTICE
To avoid damaging your cooling system:
• Always use a high quality ethylene glycol base non-silicate type coolant diluted with distilled water at the correct mixture concentration.
• Make sure that the proper mix is 50/50 coolant to distilled water (Diesel) and 30/70 (Petrol) 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. Inhaling coolant mist or vapors or getting coolant in your eyes could result in severe injury.
• Do not drink antifreeze or coolant solution. If swallowed, do not induce vomiting. Immediately contact a poison control center or a physician.
• Avoid inhaling coolant mist or hot vapors. If inhaled, remove to a fresh air area.
• If coolant gets in the eyes, flush with water and seek medical attention.
• Wash thoroughly after handling coolant.
• Keep engine coolant out of the reach of children and pets.
INSPECTION AND MAINTENANCE

**NOTICE**

- The mixture you use should contain 50% concentration of antifreeze.
- If the lowest ambient temperature in your area is expected to be –35°C (-31°F) or below, use higher concentrations up to 60% following the instructions on the antifreeze container.

(For petrol engine model)

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.

(For diesel engine model)

If the coolant level is below "LOW" mark, more coolant should be added. When the engine is cool, remove the degassing tank cap by turning it counterclockwise slowly to release any pressure. And add coolant until the degassing tank level reaches "FULL" mark. Never fill the degassing tank above "FULL" mark.

Coolant replacement
Since special procedures are required, ask your authorised Maruti Suzuki workshop for this job.

**NOTICE**

When putting the cap on the reservoir tank, line up the mark on the cap and the mark on the tank. Failure to follow this can result in coolant leakage.

**EXAMPLE**

- **FULL**
- **LOW**

**WARNING**

It is hazardous to remove the reservoir tank cap (degassing tank cap) for a diesel engine when the water temperature is high, because scalding fluid and steam may be blown out under pressure. Wait until the coolant temperature has lowered before removing the cap.
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.

(For petrol engine model)

1) Unclamp the side clamps and remove the element from the air cleaner case. If it appears to be dirty, replace it with a new one.
2) Clamp the side clamps securely.

Spark plugs
(Petrol engine model)

Spark plug replacement and inspection
Since special procedures, materials and tools are required, it is recommended that you trust this job to your authorised Maruti Suzuki workshop.
Gear oil

Manual transaxle 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 GENUINE GEAR OIL 75W-80” for manual transaxle or Auto Gear Shift oil.

Gear oil level check
(For petrol engine model)

(1) Oil filler and level plug

(2) Oil filler and level plug
(for Auto Gear Shift)

(3) Oil filler and level plug
(for manual transaxle)

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.

Tightening torque for oil filler and level plug

Manual transaxle (1) or (3):
21 Nm (2.1 kg-m, 15.5 lb-ft)

Auto Gear Shift (1) or (2):
21 Nm (2.1 kg-m, 15.5 lb-ft)

CAUTION
After driving the vehicle, the gear oil temperature may be high enough to burn you. Wait until the oil filler and level plug are cool enough to touch with your bare hands before inspecting gear oil level.
Gear oil change
Since special procedures, materials and tools are required, ask your authorised Maruti Suzuki workshop for this job.

**NOTICE**

When tightening the plug, apply the following sealing compound or equivalent to the plug threads to prevent oil leakage.
MARUTI SUZUKI Bond No. “1216E” or “1217G”.

**Clutch pedal**

**Cable control clutch (if equipped)**

Clutch pedal play “d”:
10 - 15 mm (0.4 - 0.6 in.)

Measure the clutch pedal play by moving the clutch pedal with your hand and measuring the distance it moves until you feel slight resistance. The play in the clutch pedal should be between the specified values. If the play is more or less than the above, or clutch dragging is felt with the pedal fully depressed, have the clutch inspected by your authorised Maruti Suzuki workshop.

**Fluid control clutch (if equipped)**

Check the clutch pedal for smooth operation and clutch fluid level from time to time. If clutch dragging is felt with the pedal fully depressed, have the clutch inspected by your authorised Maruti Suzuki workshop. If the clutch fluid level is near “MIN” line, fill it up to “MAX” line with Maruti Genuine Brake Fluid (MGBF) or DOT 3. We highly recommend to use “Maruti Genuine Brake Fluid” (MGBF).

**EXAMPLE**

MAX
MIN

We highly recommend to use “Maruti Genuine Brake Fluid” (MGBF).
Fuel filter
(Diesel engine model)

If the fuel filter warning light comes on when driving, there is a possibility that water is in the fuel filter. Drain water as soon as possible. Have your vehicle inspected by an authorised Maruti Suzuki workshop.

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. If the brake fluid level is near "MIN" line, fill it up to "MAX" line with Maruti Genuine Brake Fluid (MGBF) or DOT 3. We highly recommend to use "Maruti Genuine Brake Fluid" (MGBF).

⚠️ 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 your authorised Maruti Suzuki workshop to inspect the brake system.

• A rapid fluid loss indicates leakage in the brake system which should be inspected by your authorised Maruti Suzuki workshop immediately.

• Do not use any fluid other than Maruti Genuine Brake Fluid (MGBF) 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.
NOTE: With disc brakes, the fluid level can be expected to gradually fall as the brake pads wear.

Brake pedal
Check brake pedal stroke. If the stroke is so large, have the brake system inspected by your authorised Maruti Suzuki workshop. If you doubt the brake pedal is at its normal height, check it as follows:

Minimum distance between brake pedal and floor carpet “a”:
- Petrol engine model: 52 mm (2.0 in.)
- Diesel engine model: 44 mm (1.7 in.)

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

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

NOTE: When measuring the distance between the brake pedal and floor wall, be sure not to include the floor mat or rubber on the floor wall in your measurement.

EXAMPLE

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.

EXAMPLE

WARNING
If you experience any of the following problems with your vehicle’s brake system, have the vehicle inspected immediately by your authorised Maruti Suzuki workshop.
- Poor braking performance
- Uneven braking (brakes not working uniformly on all wheels)
- Excessive pedal travel
- Brake dragging
- Excessive noise
Parking brake

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 your authorised Maruti Suzuki workshop.

Steering

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

Check the play of the steering wheel by gently turning it from left to right and right to left, with wheels in straight ahead position and engine in OFF condition. Measure the distance that the steering moves before you feel slight resistance. The play should be between the specified values.

Check that the steering wheel turns easily and smoothly without rattling by turning it all the way to the right and to the left while driving very slowly in an open area. If the amount of free play is not as specified or you find anything else to be wrong, an inspection must be performed by your authorised Maruti Suzuki workshop.

Tires

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. Note that the value does not apply to the compact spare tire, if equipped.
INSPECTION AND MAINTENANCE

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**

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

2) Check that the depth of the tread groove is more than 1.6 mm (0.06 in.). To help you check this, the tires have molded-in tread wear indicators in the grooves. When the indicators appear on the tread surface, the remaining depth of the tread is 1.6 mm (0.06 in.) or less and the tire should be replaced.

3) Check for abnormal wear, cracks and damage. Any tires with cracks or other damage should be replaced. If any tires show abnormal wear, have them inspected by your authorised Maruti Suzuki workshop.

**CAUTION**

Hitting curbs and running over rocks can damage tires and affect wheel alignment. Have tires and wheel alignment checked periodically by your authorised Maruti Suzuki workshop.

4) Check for loose wheel nuts.
5) Check that there are no nails, stones or other objects sticking into the tires.
To avoid uneven wear of your tires and to prolong their life, rotate the tires as illustrated. Tires should be rotated every 10000 km. After rotation, adjust front and rear tire pressures to the specification listed on your vehicle’s tire information label.

**WARNING**

- Your MARUTI SUZUKI vehicle is equipped with tires which are all the same type and size. This is important to ensure proper steering and handling of the vehicle. Never mix tires of different size or type on the four wheels of your vehicle. The size and type of tires used should be only those approved by MARUTI SUZUKI as standard or optional equipment for your vehicle.
- Replacing the wheels and tires equipped on your vehicle with certain combinations of aftermarket wheels and tires can significantly change the steering and handling characteristics of your vehicle.
- Therefore, use only those wheel and tire combinations approved by MARUTI SUZUKI as standard or optional equipment for your vehicle.

**NOTICE**

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

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 solution must be kept between the “MAX” and the “MIN” level lines at all times. If the level is found to be below the “MIN” level line, add distilled water to the “MAX” level line. 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.

Replacement of the battery

(For petrol engine model)

(For diesel engine model)
To remove the battery:
1) Disconnect the negative cable (1).
2) Disconnect the positive cable (2).

For petrol engine model;
3) Remove the retainer nuts (3) and remove the retainer (4).

For diesel engine model;
3) Remove the bracket bolt (3) and remove the bracket (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.

---

Fuses
Your vehicle has three types of fuses, as described below:

Main fuse
The main fuse takes current directly from the battery.

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

Individual fuses
These fuses are for individual electrical circuits.

To remove a fuse, use the fuse puller provided in the fuse box.

---

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.
### INSPECTION AND MAINTENANCE

#### Fuses in engine compartment

**Main Fuse / Primary Fuse**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Example</strong></td>
<td><strong>Example</strong></td>
</tr>
<tr>
<td>(1) 120 A FL1</td>
<td>(1) 120 A FL1</td>
</tr>
<tr>
<td>(2) 100 A FL2</td>
<td>(2) 100 A FL2</td>
</tr>
<tr>
<td>(3) 80 A FL3</td>
<td>(3) 80 A FL3</td>
</tr>
<tr>
<td>(4) 100 A FL4</td>
<td>(4) 100 A FL4</td>
</tr>
<tr>
<td>(5) 50 A FL5</td>
<td>(5) 50 A FL5</td>
</tr>
<tr>
<td>(6) 40 A Power steering</td>
<td>(6) 40 A Power steering</td>
</tr>
<tr>
<td>(7) 5 A ECM</td>
<td>(7) 5 A ECM</td>
</tr>
<tr>
<td>(8) 10 A Air compressor</td>
<td>(8) 10 A Air compressor</td>
</tr>
<tr>
<td>(9) 25 A Headlight high</td>
<td>(9) 25 A Headlight high</td>
</tr>
<tr>
<td>(10) 15 A Headlight (Left)</td>
<td>(10) 15 A Headlight (Left)</td>
</tr>
<tr>
<td>(11) 15 A Headlight (Right)</td>
<td>(11) 15 A Headlight (Right)</td>
</tr>
<tr>
<td>(12) 30 A Starter motor</td>
<td>(12) 30 A Starter motor</td>
</tr>
<tr>
<td>(13) 30 A R1</td>
<td>(13) 30 A R1</td>
</tr>
<tr>
<td>(14) 40 A Ignition switch 2</td>
<td>(14) 40 A Ignition switch 2</td>
</tr>
<tr>
<td>(15) 40 A Ignition switch 2</td>
<td>(15) 40 A Ignition switch 2</td>
</tr>
<tr>
<td>(16) 30 A T/M pump</td>
<td>(16) 30 A T/M pump</td>
</tr>
<tr>
<td>(17) 30 A T/M pump</td>
<td>(17) 30 A T/M pump</td>
</tr>
<tr>
<td>(18) 30 A Back-up</td>
<td>(18) 30 A Back-up</td>
</tr>
<tr>
<td>(19) – Blank</td>
<td>(19) – Blank</td>
</tr>
<tr>
<td>(20) 15 A Front fog light</td>
<td>(20) 15 A Front fog light</td>
</tr>
<tr>
<td>(21) – Blank</td>
<td>(21) – Blank</td>
</tr>
<tr>
<td>(22) 30 A Blower fan</td>
<td>(22) 30 A Blower fan</td>
</tr>
<tr>
<td>(23) – Blank</td>
<td>(23) – Blank</td>
</tr>
<tr>
<td>(24) 5 A Starting signal</td>
<td>(24) 5 A Starting signal</td>
</tr>
<tr>
<td>(25) – Blank</td>
<td>(25) – Blank</td>
</tr>
<tr>
<td>(26) 15 A Headlight high (Left)</td>
<td>(26) 15 A Headlight high (Left)</td>
</tr>
<tr>
<td>(27) 15 A Headlight high (Right)</td>
<td>(27) 15 A Headlight high (Right)</td>
</tr>
<tr>
<td>(28) 20 A INJ DRV</td>
<td>(28) 20 A INJ DRV</td>
</tr>
<tr>
<td>(29) 10 A FI 2</td>
<td>(29) 10 A FI 2</td>
</tr>
<tr>
<td>(30) 15 A R1</td>
<td>(30) 15 A R1</td>
</tr>
<tr>
<td>(31) 40 A ABS motor</td>
<td>(31) 40 A ABS motor</td>
</tr>
<tr>
<td>(32) 25 A ABS solenoid</td>
<td>(32) 25 A ABS solenoid</td>
</tr>
<tr>
<td>(33) 20 A Fuel pump</td>
<td>(33) 20 A Fuel pump</td>
</tr>
<tr>
<td>(34) 10 A T/M 2</td>
<td>(34) 10 A T/M 2</td>
</tr>
<tr>
<td>(35) 5 A T/M 3</td>
<td>(35) 5 A T/M 3</td>
</tr>
<tr>
<td>(36) 40 A Ignition switch</td>
<td>(36) 40 A Ignition switch</td>
</tr>
</tbody>
</table>

*1: Petrol engine model
*2: Diesel engine model
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 genuine MARUTI 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.

NOTE:
Check that the fuse box always carries spare fuses.

### Fuses under dashboard

**EXAMPLE**

**WARNING**
If the main fuse or a primary fuse blows, have your vehicle inspected by an authorised Maruti Suzuki workshop. Always use a genuine MARUTI replacement. Never use a substitute such as a wire even for a temporary repair, or extensive electrical damage and a fire can result.

**EXAMPLE**

**FUSIBLE LINKS**

| (1) | 10 A | Back-up light |
| (2) | 15 A | Ignition coil |
| (3) | 10 A | Meter |
| (4) | 10 A | Wiper |
| (5) | 5 A | Ignition-2 signal |
| (6) | 15 A | Washer |
| (7) | 25 A | Front wiper |
| (8) | 10 A | Tail light |
| (9) | 10 A | Hazard |
| (10) | 10 A | Stop light |
| (11) | 30 A | Power window |
### INSPECTION AND MAINTENANCE

#### PRIMARY FUSE

<table>
<thead>
<tr>
<th>No.</th>
<th>Amps</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>30</td>
<td>Power window</td>
</tr>
<tr>
<td>2</td>
<td>10</td>
<td>Meter</td>
</tr>
<tr>
<td>3</td>
<td>15</td>
<td>Ignition coil</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>Ignition-1 signal 2</td>
</tr>
<tr>
<td>5</td>
<td>20</td>
<td>Shift</td>
</tr>
<tr>
<td>6</td>
<td>20</td>
<td>S/R</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>Blank</td>
</tr>
<tr>
<td>8</td>
<td>20</td>
<td>Door lock</td>
</tr>
<tr>
<td>9</td>
<td>15</td>
<td>Steering lock</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
<td>Hazard</td>
</tr>
<tr>
<td>11</td>
<td>5</td>
<td>A-STOP</td>
</tr>
<tr>
<td>12</td>
<td>10</td>
<td>Rear fog lamp</td>
</tr>
<tr>
<td>13</td>
<td>5</td>
<td>ABS control module</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>S/H</td>
</tr>
<tr>
<td>15</td>
<td>5</td>
<td>IG1 SIG3</td>
</tr>
<tr>
<td>16</td>
<td>10</td>
<td>Dome light-2</td>
</tr>
<tr>
<td>17</td>
<td>5</td>
<td>Dome light</td>
</tr>
<tr>
<td>18</td>
<td>15</td>
<td>Radio</td>
</tr>
<tr>
<td>19</td>
<td>5</td>
<td>Cont</td>
</tr>
<tr>
<td>20</td>
<td>5</td>
<td>Key 2</td>
</tr>
<tr>
<td>21</td>
<td>20</td>
<td>P/W T</td>
</tr>
<tr>
<td>22</td>
<td>5</td>
<td>Key</td>
</tr>
<tr>
<td>23</td>
<td>15</td>
<td>Horn</td>
</tr>
<tr>
<td>24</td>
<td>5</td>
<td>Tail light (Left)</td>
</tr>
<tr>
<td>25</td>
<td>10</td>
<td>Tail light</td>
</tr>
<tr>
<td>26</td>
<td>10</td>
<td>Air bag</td>
</tr>
<tr>
<td>27</td>
<td>10</td>
<td>Ignition-1 signal</td>
</tr>
<tr>
<td>28</td>
<td>10</td>
<td>Back-up light</td>
</tr>
<tr>
<td>29</td>
<td>5</td>
<td>ACC-3</td>
</tr>
<tr>
<td>30</td>
<td>20</td>
<td>Rear defogger</td>
</tr>
<tr>
<td>31</td>
<td>10</td>
<td>Heated mirror</td>
</tr>
<tr>
<td>32</td>
<td>15</td>
<td>ACC-2</td>
</tr>
<tr>
<td>33</td>
<td>5</td>
<td>ACC</td>
</tr>
<tr>
<td>34</td>
<td>10</td>
<td>Wiper</td>
</tr>
<tr>
<td>35</td>
<td>5</td>
<td>Ignition-2 signal</td>
</tr>
<tr>
<td>36</td>
<td>15</td>
<td>Washer</td>
</tr>
<tr>
<td>37</td>
<td>25</td>
<td>Front wiper</td>
</tr>
<tr>
<td>38</td>
<td>10</td>
<td>Stop light</td>
</tr>
<tr>
<td>39</td>
<td></td>
<td>Blank</td>
</tr>
<tr>
<td>40</td>
<td>25</td>
<td>Rear defogger</td>
</tr>
</tbody>
</table>

#### Type B

**EXAMPLE**

<table>
<thead>
<tr>
<th>No.</th>
<th>Amps</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>30</td>
<td>Power window</td>
</tr>
<tr>
<td>2</td>
<td>10</td>
<td>Meter</td>
</tr>
<tr>
<td>3</td>
<td>15</td>
<td>Ignition coil</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>Ignition-1 signal 2</td>
</tr>
<tr>
<td>5</td>
<td>20</td>
<td>Shift</td>
</tr>
<tr>
<td>6</td>
<td>20</td>
<td>S/R</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>Blank</td>
</tr>
<tr>
<td>8</td>
<td>20</td>
<td>Door lock</td>
</tr>
<tr>
<td>9</td>
<td>15</td>
<td>Steering lock</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
<td>Hazard</td>
</tr>
<tr>
<td>11</td>
<td>5</td>
<td>A-STOP</td>
</tr>
<tr>
<td>12</td>
<td>10</td>
<td>Rear fog lamp</td>
</tr>
<tr>
<td>13</td>
<td>5</td>
<td>ABS control module</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>S/H</td>
</tr>
<tr>
<td>15</td>
<td>5</td>
<td>IG1 SIG3</td>
</tr>
<tr>
<td>16</td>
<td>10</td>
<td>Dome light-2</td>
</tr>
<tr>
<td>17</td>
<td>5</td>
<td>Dome light</td>
</tr>
<tr>
<td>18</td>
<td>15</td>
<td>Radio</td>
</tr>
<tr>
<td>19</td>
<td>5</td>
<td>Cont</td>
</tr>
<tr>
<td>20</td>
<td>5</td>
<td>Key 2</td>
</tr>
</tbody>
</table>

**7-25**

---

*Image Reference: 68PH00759*
Headlight aiming
Since special procedures are required, ask your authorised Maruti Suzuki workshop for this job.

Bulb replacement

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 your authorised Maruti Suzuki workshop.

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.
- During bulb replacement, always use same bulb number as used in the vehicle.

EXAMPLE

WARNING
BLOWN
OK

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

Front

EXAMPLE

NOTICE
Frequent bulb replacement indicates the need for an inspection of the electrical system. This should be carried out by your authorised Maruti Suzuki workshop.

EXAMPLE

76NH0A139

81A2B3

7-26
Luggage compartment (if equipped)

Headlights

LED headlights (if equipped)
Since special procedures are required, we recommend you take your vehicle to your authorised Maruti Suzuki workshop for bulb replacement.

Halogen headlights (if equipped)

1) Open the engine hood. Disconnect the coupler (1). Remove the sealing rubber (2).

2) Push the retaining spring (3) forward and unhook it. Then remove the bulb. Install a new bulb in the reverse order of removal.

NOTE:
You can see the position of retaining spring from the hole (4) of headlight.

Courtesy light (if equipped)
Front fog light (if equipped)

1) Start the engine. Turn the steering wheel to the opposite side of the fog light to be replaced to replace the bulb easily. Then turn off the engine.

2) Remove the clip (1) by prying it off with a flat-bladed screwdriver as shown in the illustration.

3) Open the end of the cover inside the fender. Disconnect the coupler by pushing the lock release. Turn the bulb holder counterclockwise and remove it.

Other general lights

Bulb holder

(1) Removal
(2) Installation

To remove a bulb holder from a light housing, turn the holder counterclockwise and pull it out. To install the holder, push the holder in and turn it clockwise.
There are two types of bulb, full glass type (1) and glass/metal type (2).

To remove and install a full glass type bulb (1), simply pull out or push in the bulb.

To remove a glass metal type bulb (2) from a bulb holder, push in the bulb and turn it counterclockwise. To install a new bulb, push it in and turn it clockwise.

You can access the individual bulb or bulb holders as follows.

1) Remove the light housing (1) by sliding to left with your finger.

2) Turn the bulb holder (2) clockwise and pull it out from the light housing.
Rear combination light

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

**NOTE:**
*When reinstalling the light housing, check that the clips (3) are properly attached.*

Reversing light

1) Open the tailgate and remove the trim (1) of the tailgate.
   - Insert a flat blade screwdriver covered with a soft cloth between the trim and the tailgate to make a space for fingers, and then pull out the trim with your fingers.

2) Disconnect the coupler (2) by pushing the lock release. Turn the bulb holder of the reversing light (3) counterclockwise and remove it.
NOTE: Some wiper blades may be different from the ones described here depending on vehicle specifications. If so, consult your authorised Maruti Suzuki workshop for proper replacement method.

For windshield wipers:

EXAMPLE

1) Hold the wiper arm away from the window.

NOTE: When raising both of the front wiper arms, pull the driver’s side wiper arm up first. When returning the wiper arms, lower the passenger’s side wiper arm first. Otherwise, the wiper arms may interfere with each other.
2) Squeeze lock (1) towards wiper arm (2) and remove the wiper frame from the arm as shown.
3) Unlock the lock end of the wiper blade and slide the blade out as shown.

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

(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.

For rear wipers:

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

1) Hold the wiper arm away from the window.
2) Remove the wiper frame from the arm as shown.
3) Slide the blade out as shown.
4) If the new blade is provided without the two metal retainers, move them from the old blade to the new one.
5) Install the new blade in the reverse order of removal. Check that the blade is properly retained by all the hooks.
6) Reinstall wiper frame to arm in the reverse order of removal.

Windshield washer fluid

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

**NOTICE**

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

Air conditioning system

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

Replacement of the Air Conditioner Filter (if equipped)

Since special procedures are required, we recommend you take your vehicle to your authorised Maruti Suzuki workshop for the air conditioner filter replacement.
INSPECTION AND MAINTENANCE

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

2) Remove the cover (1) and pull out the air conditioner filter (2).

**NOTE:**
When you install a new filter, make sure the UP mark (3) faces upward.
EMERGENCY SERVICE

Tire changing tool ............................................................... 8-1
Jacking instructions ........................................................... 8-2
Jump-starting instructions .................................................. 8-6
Towing .................................................................................. 8-8
Engine trouble: Starter does not operate ............................... 8-9
Engine trouble: Flooded engine ........................................... 8-9
Engine trouble: Overheating ............................................... 8-9
Warning Triangle ................................................................. 8-11
EMERGENCY SERVICE

Tire changing tool

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.

EXAMPLE

To remove the luggage compartment board easily, fold the right side of the board and pull it out.

NOTE:
When installing, install the board in the reverse order of removal.

(1) Jack
(2) Wheel brace
(3) Jack handle
(4) Towing hook

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

8-1
To remove the spare tire, turn its holder bolt (5) counterclockwise and remove it.

Hold and lift the spare tire as shown in above illustration for easy removal of spare tire. Install spare tire in the reverse order of removal.

While replacing tire with alloy wheel (if equipped) make sure to remove the wheel cap before keeping the tire in the trunk.

**NOTICE**

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

**WARNING**

- Shift into “R” (Reverse) for a manual transaxle/Auto Gear Shift vehicle when you jack up the vehicle.
- Never jack up the vehicle with the transaxle in “N” (Neutral). Otherwise, unstable jack may cause an accident.

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 transaxle/Auto Gear Shift.
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.

6) Position the jack at an angle as shown in the illustration and raise the jack by turning the jack handle clockwise until the jack-head groove fits around the jacking bar beneath the vehicle body.

7) Continue to raise the jack slowly and smoothly until the tire clears the ground. Do not raise the vehicle more than necessary.

**WARNING**

- Use the jack only to change wheels on level, hard ground.
- Never jack up the vehicle on an inclined surface.
- Never raise the vehicle with the jack in a location other than the specified jacking point (shown in the illustration) near the wheel to be changed.
- Check that the jack is raised at least 25 mm (1 inch) before it contacts the flange. Use of the jack when it is within 25 mm (1 inch) of being fully collapsed may result in failure of the jack.
- Never get under the vehicle when it is supported by the jack.
- Never run the engine when the vehicle is supported by the jack and never allow passengers to remain in the vehicle.

**Raising vehicle with garage jack**

- Apply the garage jack to one of the points indicated below.
- Always support the raised vehicle with jack stands (commercially available) at the points indicated below.
EXAMPLE

(1) Jack stand
(2) Jacking point for jack stand
(3) Garage jack
(4) Jacking point for garage jack

NOTICE
Never apply a garage jack to the exhaust pipe, side under spoiler (if equipped), engine undercover or rear torsion beam.

NOTE:
For more details, contact an authorised Maruti Suzuki workshop.
EMERGENCY SERVICE

Changing wheels
To change a wheel, use the following procedure:
1) Remove the jack, tools and spare wheel from the vehicle.
2) Loosen, but do not remove the wheel nuts.
3) Jack up the vehicle (follow the jacking instructions in this section).

⚠️ WARNING
- Shift into “R” (Reverse) for a manual transaxle/Auto Gear Shift vehicle when you jack up the vehicle.
- Never jack up the vehicle with the transaxle in “N” (Neutral). Otherwise, unstable jack may cause an accident.

4) Remove the wheel nuts and wheel.
5) Clean any mud or dirt off from the surface of the wheel (1), hub (2), thread part (3) and surface of the wheel nuts (4) with a clean cloth. Clean the hub carefully; it may be hot from driving.
6) Install the new wheel and replace the wheel nuts with their cone shaped end facing the wheel. Tighten each nut snugly by hand until the wheel is securely seated on the hub.

EXAMPLE

Tightening torque for wheel nut
85 Nm (8.7 kg-m, 62.7 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 an authorised Maruti Suzuki workshop.
Full wheel cover (if equipped)

(1) or (2) Flat end tool

Your vehicle includes two tools, a wheel brace and a jack crank, one of which has a flat end. Use the tool with the flat end to remove the full wheel cap, as shown above.

EXAMPLE

EXAMPLE

Install the full wheel cover not to cover or foul the air valve.

Jump-starting instructions

<table>
<thead>
<tr>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Never attempt to jump-start your vehicle if the battery appears to be frozen. Batteries in this condition may explode.</td>
</tr>
<tr>
<td>• When making jump lead connections, check that your hands and the jump leads remain clear from pulleys, belts or fans.</td>
</tr>
<tr>
<td>• 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.</td>
</tr>
<tr>
<td>• If the booster battery you use for jump-starting is installed in another vehicle, check that the two vehicles are not touching each other.</td>
</tr>
<tr>
<td>• If your battery discharges repeatedly, for no apparent reason, have your vehicle inspected by an authorised Maruti Suzuki workshop.</td>
</tr>
<tr>
<td>• To avoid harm to yourself or damage to your vehicle or battery, follow the jump-starting instructions below.</td>
</tr>
<tr>
<td>• If you are in doubt, call for qualified road service.</td>
</tr>
</tbody>
</table>
1) Use only a 12-volt battery to jump-start your vehicle. Position the good 12-volt battery close to your vehicle so that the jump leads will reach both batteries. When using a battery installed on another vehicle, check that two vehicles do not touch each other. Set the parking brakes fully on both vehicles.

2) Turn off all vehicle accessories, except those necessary for safety reasons (for example, headlights or hazard lights).

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

4) If the booster battery you are using is fitted to another vehicle, start the engine of the vehicle with the booster battery. Run the engine at moderate speed.

5) Start the engine of the vehicle with the flat battery.

6) Remove the jump leads in the exact reverse order in which you connected them.

---

**NOTICE**
Your vehicle should not be started by pushing or towing. This starting method could result in permanent damage to the catalytic converter. Use jump leads to start a vehicle with a weak or flat battery.

**EXAMPLE**

**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.
Towing
If you need to have your vehicle towed, contact a professional service. Your dealer can provide you with detailed towing instructions.

2-wheel drive (2WD) manual transaxle or Auto Gear Shift
Manual transaxle 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 transaxle is in neutral, the steering wheel is unlocked (vehicle without keyless push start system - the ignition key should be in “ACC” position) (vehicle with keyless push start system - the ignition mode is ACC), and the steering wheel is secured with a clamping device designed for towing service.

NOTICE
Observe the following instructions when towing your vehicle.
• To help avoid damage to your vehicle during towing, proper equipment and towing procedures must be used.
• Using the frame hook, tow your vehicle on paved roads for short distances at low speed.

NOTICE
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 transaxle is disengaged.
If the transaxle cannot be put in neutral, turn the key from the “LOCK” to the “ON” position or press the engine switch to change the ignition mode to ON, 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 or press the engine switch to change the ignition mode to LOCK (OFF). These procedures may help put the transaxle in neutral. If the transaxle still cannot be put in neutral, you cannot tow the vehicle without using a towing dolly.

NOTICE
The steering column is not strong enough to withstand shocks transmitted from the front wheels during towing. Always unlock the steering wheel before towing.
EMERGENCY SERVICE

Engine trouble: Starter does not operate
1) Try turning the ignition switch to "START" position or try pressing the engine switch to change the ignition mode to START with the headlights turned on to determine the battery condition. If the headlights go excessively dim or go off, it usually means that either the battery is flat or the battery terminal contact is poor. Recharge the battery or correct battery terminal contact as necessary.

2) If the headlights remain bright, check the fuses. If the reason for failure of the starter is not obvious, there may be a major electrical problem. Have the vehicle inspected by your authorised Maruti Suzuki workshop.

Engine trouble: Flooded engine
If the engine is flooded with fuel, it may be hard to start. If this happens, press the accelerator pedal all the way to the floor and hold it there while cranking the engine.
• For petrol engine model, do not operate the starter motor for more than 12 seconds.
• For diesel engine model, do not operate the starter motor for more than 30 seconds.

NOTE:
For keyless push start, if the engine refuses to start, the starter motor automatically stops after a certain period of time. After the starter motor has automatically stopped or if there is anything abnormal in the engine starting system, the starter motor runs only while the engine switch is held pressed.

Engine trouble: Overheating
The engine could overheat temporarily under severe driving conditions. If the high engine coolant temperature warning light comes on as overheating during driving:
1) Turn off the air conditioner, if equipped.
2) Take the vehicle to a safe place and park.
3) Let the engine run at the normal idle speed for a few minutes until the 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 your authorised Maruti Suzuki workshop.

WARNING
- It is hazardous to remove the radiator cap (or degassing tank cap for a diesel engine) when the water temperature is high, because scalding fluid and steam may be blown out under pressure. The cap should only be taken off when the coolant temperature has lowered.
- To help prevent personal injury, keep hands, tools and clothing away from the engine cooling fan and air-conditioner fan (if equipped). These electric fans can automatically turn on without warning.
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 oncoming traffic. Please activate the hazard warning lamps before alighting the vehicle to keep the warning triangle.

- Remove the warning triangle carefully from the cover as shown by arrow 1.
- Open both the reflector arms as shown by arrow and lock the arms with each other with the clip provided in the right arm. Open the bottom stand in counter clock-wise direction as shown by arrow 3. Position the warning triangle behind the vehicle on a plain surface.
- Reverse the removal procedure for keeping inside the cover.
APPEARANCE CARE

Corrosion prevention .......................................................... 9-1
Vehicle cleaning ................................................................. 9-2
Corrosion prevention
It is important to take good care of your vehicle to protect it from corrosion. Listed below are instructions for how to maintain your vehicle to prevent corrosion. Please read and follow these instructions carefully.

Important information about corrosion

Common causes of corrosion
1) Accumulation of road salt, dirt, moisture or chemicals in hard-to-reach areas of the vehicle underbody or frame.
2) Chipping, scratches and any damage to treated or painted metal surfaces resulting from minor accidents or abrasion by stones and gravel.

Environmental conditions which accelerate corrosion
1) Road salt, dust control chemicals, sea air or industrial pollution will all accelerate the corrosion of metal.
2) High humidity will increase the rate of corrosion particularly when the temperature range is just above the freezing point.
3) Moisture in certain areas of a vehicle for an extended period of time may promote corrosion even though other body sections may be completely dry.
4) High temperatures will cause an accelerated rate of corrosion to parts of the vehicle which are not well-ventilated to permit quick drying.

This information illustrates the necessity of keeping your vehicle (particularly the underbody) as clean and dry as possible. It is equally important to repair any damage to the paint or protective coatings as soon as possible.

How to help prevent corrosion

Wash your vehicle frequently
The best way to preserve the finish on your vehicle and to help avoid corrosion is to keep it clean with frequent washing. Wash your vehicle at least once during the winter and once immediately after the winter. Keep your vehicle, particularly the underside, as clean and dry as possible. If you frequently drive on salted roads, your vehicle should be washed at least once a month during the winter. If you live near the ocean, your vehicle should be washed at least once a month throughout the year.

For washing instructions, refer to “Vehicle cleaning” section.

Remove foreign material deposits
Foreign material such as salts, chemicals, road oil or tar, tree sap, bird droppings and industrial fall-out may damage the finish of your vehicle if it is left on painted surfaces. Remove these types of deposits as quickly as possible. If these deposits are difficult to wash off, an additional cleaner may be required. Check that any cleaner you use is not harmful to painted surfaces and is specifically intended for your purposes. Follow the manufacturer’s directions when using these special cleaners.

Repair finish damage
Carefully examine your vehicle for damage to the painted surfaces. Should you find any chips or scratches in the paint, touch them up immediately to prevent corrosion from starting. If the chips or scratches have gone through to the bare metal, have a qualified body shop make the repair.

Keep passenger and luggage compartments clean
Moisture, dirt or mud can accumulate under the floor mats and may cause corrosion. Occasionally, check under these mats to ensure that this area is clean and dry. More frequent checks are necessary if the vehicle is used for off-road driving or in wet weather. Certain cargos such as chemicals, fertilizers, cleaners, salts, etc. are extremely corrosive by nature. These products should be transported in sealed containers. If they...
are spilled or leaked, clean and dry the area immediately.

Store your vehicle in a dry, well-ventilated area.
Do not park your vehicle in a damp, poorly-ventilated area. If you often wash your vehicle in the garage and place it there in wet condition, your garage may be damp. The high humidity in the garage may cause or accelerate corrosion. A wet vehicle may corrode even in a heated garage if the ventilation is poor.

**WARNING**
Do not apply additional undercoating or rust preventive coating on or around exhaust system components such as the catalytic converter and exhaust pipes. A fire could be started if the undercoating substance becomes overheated.

---

### Vehicle cleaning

**Vehicle cleaning**

**Cleaning interior**

**Vinyl upholstery**
Prepare a solution of soap or mild detergent mixed with warm water. Apply the solution to the vinyl with a sponge or soft cloth and let it soak for a few minutes to loosen dirt. Rub the surface with a clean, damp cloth to remove dirt and the soap solution. If some dirt still remains on the surface, repeat this procedure.

**Fabric upholstery**
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.

**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.
APPEARANCE CARE

Leather upholstery
Remove loose dirt with a vacuum cleaner. Using a mild soap or saddle soap solution, wipe dirt off with a clean damp soft cloth. To remove soap, wipe the areas again with a soft cloth dampened with water. Wipe the areas dry with a soft dry cloth. Repeat this until the dirt or stain is removed, or use a commercial leather cleaner for tougher dirt or stains. If you use a leather cleaner, carefully follow the manufacturer’s instructions and precautions. Do not use solvent type cleaners or abrasive cleaners.

NOTE:
• In order to keep leather upholstery looking good, it should be cleaned at least twice a year.
• If leather upholstery becomes wet, immediately wipe it dry with tissue paper or a soft cloth. Water may cause leather to harden and shrink if it is not wiped off.
• When parking on sunny days, select a shady place or use a sunshade. If leather upholstery is exposed to direct sunlight for a long time, it may discolor and shrink.
• As is common with natural materials, leather is inherently irregular in grain and cowhide has spots in its natural state. These do not affect the performance of the leather in any way.

Seat belts
Clean seat belts with a mild soap and water. Do not use bleach or dye on the belts. They may weaken the fabric in the belts.

Vinyl floor mats
Ordinary dirt can be removed from vinyl with water or mild soap. Use a brush to help loosen dirt. After the dirt is loosened, rinse the mat thoroughly with water and dry it in the shade.

Carpets
Remove dirt and soil as much as possible with a vacuum cleaner. Using a mild soap solution, rub stained areas with a clean damp cloth. To remove soap, rub the areas again with a cloth dampened with water. Repeat this until the stain is removed, or use a commercial carpet cleaner for tougher stains. If you use a carpet cleaner, carefully follow the manufacturer’s instructions and precautions.

Instrument panel and console
Remove loose dirt with a vacuum cleaner. Gently wipe dirt off with a tightly squeezed damp clean cloth. Repeat this until the dirt is removed.

Cleaning exterior

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.

NOTICE
Do not use chemical products that contain silicon to wipe electrical components such as the air conditioning system, audio, navigation system, or other switches. These will cause damage to the components.

NOTICE
It is important that your vehicle be kept clean and free from dirt. Failure to keep your vehicle clean may result in fading of the paint or corrosion to various parts of the vehicle body.

9-3
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**

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.

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.

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.

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.

**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.

When using a commercial car wash product, observe the cautions specified by the manufacturer. Never use strong household detergents or soaps.

**EXAMPLE**

To avoid damage to the paint or plastic surface, do not wipe the dirt off without ample water. Follow the above procedure.

**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.
APPEARANCE CARE

Washing by an automatic car wash

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

Waxing

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.

Washing by a high-pressure cleaner

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>If you use a high-pressure cleaner, keep away the nozzle from your vehicle sufficiently.</td>
</tr>
<tr>
<td>* 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.</td>
</tr>
<tr>
<td>* Pointing the nozzle to the weatherstrip of door glasses, doors and the sunroof (if equipped) can allow water to enter the cabin.</td>
</tr>
</tbody>
</table>
GENERAL INFORMATION

Vehicle identification .......................................................... 10-1
Radio Frequency Identification (RFID) Tag ............................. 10-1
GENERAL INFORMATION

Vehicle identification

Chassis serial number

The chassis and/or engine serial numbers are used to register the vehicle. They are also used to assist your dealer when ordering or referring to special service information. Whenever you have occasion to consult your authorised Maruti Suzuki workshop, remember to identify your vehicle with this number. Should you find the number difficult to read, you will also find it on the identification plate.

Engine serial number

The engine serial number is stamped on the cylinder block as shown in the illustration.

Radio frequency identification (RFID) tag

As per Ministry of Road Transport and Highways, the Radio frequency identification (RFID) tag (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 RFID tag or replacement of front windscreen, please contact your nearest authorised Maruti Suzuki workshop.
GENERAL INFORMATION

As seen from inside of the vehicle
EXAMPLE

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

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

NOTE:
- RFID tag needs to be registered by government authorised agency (if applicable).
- 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**

**NOTE:**
Specifications are subject to change without notice.

M/T: Manual transaxle  
Petrol: Petrol (K12M) engine model  
Diesel: Diesel (D13A) engine model

<table>
<thead>
<tr>
<th>ITEM: Dimensions</th>
<th>UNIT: mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>3700</td>
</tr>
<tr>
<td>Overall width</td>
<td>1660 – 1690</td>
</tr>
<tr>
<td>Overall height</td>
<td>1595</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>2435</td>
</tr>
<tr>
<td>Track Front</td>
<td>1460</td>
</tr>
<tr>
<td>Track Rear</td>
<td>1470</td>
</tr>
<tr>
<td>Ground clearance (Unladen condition)</td>
<td>180</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM: Mass (weight)</th>
<th>UNIT: kg</th>
<th>Petrol</th>
<th>Diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curb mass (weight) M/T</td>
<td>825 – 860</td>
<td>940 – 960</td>
<td></td>
</tr>
<tr>
<td>Auto Gear Shift</td>
<td>850 – 860</td>
<td>950 – 960</td>
<td></td>
</tr>
<tr>
<td>Gross vehicle mass (weight) rating</td>
<td>1280</td>
<td>1380</td>
<td></td>
</tr>
<tr>
<td>Permissible maximum axle weight Front</td>
<td>660</td>
<td>760</td>
<td></td>
</tr>
<tr>
<td>Permissible maximum axle weight Rear</td>
<td>680</td>
<td>680</td>
<td></td>
</tr>
</tbody>
</table>
### SPECIFICATIONS

**ITEM: Engine**

<table>
<thead>
<tr>
<th></th>
<th>K12M (DOHC)</th>
<th>D13A (DOHC)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Number of cylinders</strong></td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td><strong>Bore</strong></td>
<td>73.0 mm</td>
<td>69.6 mm</td>
</tr>
<tr>
<td><strong>Stroke</strong></td>
<td>71.5 mm</td>
<td>82.0 mm</td>
</tr>
<tr>
<td><strong>Piston displacement</strong></td>
<td>1197 cm³</td>
<td>1248 cm³</td>
</tr>
<tr>
<td><strong>Compression ratio</strong></td>
<td>11.0 : 1</td>
<td>17.6 : 1</td>
</tr>
</tbody>
</table>

**ITEM: Electrical**

<table>
<thead>
<tr>
<th></th>
<th>Petrol</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standard spark plug</strong></td>
<td>NGK LKR6F-10</td>
<td></td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>Petrol</td>
<td>12V 34B19L</td>
</tr>
<tr>
<td></td>
<td>Diesel</td>
<td>12V DIN50L</td>
</tr>
<tr>
<td><strong>Fuses</strong></td>
<td></td>
<td>See “INSPECTION AND MAINTENANCE” section.</td>
</tr>
<tr>
<td>ITEM: Lights</td>
<td>WATTAGE</td>
<td>BULB No.</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>------------</td>
<td>----------</td>
</tr>
<tr>
<td>Headlight</td>
<td>12V 60/55W</td>
<td>H4</td>
</tr>
<tr>
<td>LED headlight</td>
<td>LED</td>
<td>–</td>
</tr>
<tr>
<td>Front fog light (if equipped)</td>
<td>12V 19W</td>
<td>H16</td>
</tr>
<tr>
<td>Position light</td>
<td>12V 5W</td>
<td>W5W</td>
</tr>
<tr>
<td>LED</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Daytime running light (if equipped)</td>
<td>LED</td>
<td>–</td>
</tr>
<tr>
<td>Turn signal light</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Front</td>
<td>12V 21W</td>
<td>WY21W</td>
</tr>
<tr>
<td>Rear</td>
<td>12V 21W</td>
<td>PY21W</td>
</tr>
<tr>
<td>Side turn signal light</td>
<td>12V 5W</td>
<td>WY5W</td>
</tr>
<tr>
<td>LED</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Tail/brake light</td>
<td>12V 21/5W</td>
<td>P21/5W</td>
</tr>
<tr>
<td>High mount stop light</td>
<td>LED</td>
<td>–</td>
</tr>
<tr>
<td>Reversing light</td>
<td>12V 16W</td>
<td>W16W</td>
</tr>
<tr>
<td>License plate light</td>
<td>12V 5W</td>
<td>W5W</td>
</tr>
<tr>
<td>Interior light</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Front</td>
<td>12V 10W</td>
<td>–</td>
</tr>
<tr>
<td>Luggage compartment (if equipped)</td>
<td>12V 5W</td>
<td>W5W</td>
</tr>
<tr>
<td>Courtesy light (if equipped)</td>
<td>12V 5W</td>
<td>W5W</td>
</tr>
</tbody>
</table>
## SPECIFICATIONS

**ITEM: Wheels and tires**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tire size, front and rear</td>
<td>175/65R15 84H(^1)</td>
</tr>
<tr>
<td>Rim size</td>
<td>15X5J</td>
</tr>
<tr>
<td>Tire pressures</td>
<td>For the specified tire pressure, see the tire information label on the driver's door lock pillar.</td>
</tr>
<tr>
<td>Recommended snow tire</td>
<td>175/65R15 84H(^2)</td>
</tr>
<tr>
<td>Tire size, spare(^3)</td>
<td>175/65R15 84H</td>
</tr>
</tbody>
</table>

*1 If you cannot prepare tires with the specified load index rating and speed symbol, prepare tires with higher load index rate and speed symbol.

*2 If you prepare snow tires:
- Check that they are tires of the same size, structure and load capacity as the originally installed tires.
- Mount the snow tires on all four wheels.
- Understand that the maximum permissible speed of snow tires is generally less than the originally installed tires.

*3 The spare wheel provided with alloy wheel variant is of steel wheel rim, hence follow 4 tire rotation only (Refer: Section Inspection and Maintenance).
### SPECIFICATIONS

**ITEM: Recommended fuel / lubricants and capacities (approx.)**

<table>
<thead>
<tr>
<th>Fuel</th>
<th>See “FUEL RECOMMENDATION” section.</th>
<th>32 L</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engine oil</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petrol</td>
<td>Classification: API SL, SM or SN</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Viscosity: SAE 0W-20</td>
<td>3.1 L</td>
</tr>
<tr>
<td></td>
<td>(replacement with oil filter)</td>
<td></td>
</tr>
<tr>
<td>Diesel</td>
<td>Classification: ACEA A5/B5</td>
<td>3.1 L</td>
</tr>
<tr>
<td></td>
<td>Viscosity: SAE 5W-30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(replacement with oil filter)</td>
<td></td>
</tr>
<tr>
<td><strong>Engine coolant</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petrol</td>
<td>M/T</td>
<td>3.8 L</td>
</tr>
<tr>
<td></td>
<td>Auto Gear Shift</td>
<td></td>
</tr>
<tr>
<td></td>
<td>See “INSPECTION AND MAINTENANCE” section.</td>
<td>3.8 L</td>
</tr>
<tr>
<td></td>
<td>Auto Gear Shift</td>
<td></td>
</tr>
<tr>
<td>Diesel</td>
<td>M/T</td>
<td>5.6 L</td>
</tr>
<tr>
<td></td>
<td>Auto Gear Shift</td>
<td></td>
</tr>
<tr>
<td></td>
<td>See “INSPECTION AND MAINTENANCE” section.</td>
<td>5.6 L</td>
</tr>
<tr>
<td><strong>Manual transaxle oil</strong></td>
<td>Petrol</td>
<td>1.5 L</td>
</tr>
<tr>
<td>Auto Gear Shift oil</td>
<td>MARUTI GENUINE GEAR OIL 75W-80</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Diesel</td>
<td>2.6 L</td>
</tr>
<tr>
<td></td>
<td>MARUTI GENUINE BRAKE FLUID (MGBF) or DOT 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Refill to the proper oil level根据 the instructions in the “INSPECTION AND MAINTENANCE” section.</td>
<td></td>
</tr>
</tbody>
</table>
This Owner Manual & Service Booklet applies to the IGNIS series produced by MARUTI SUZUKI INDIA LIMITED

© COPYRIGHT MARUTI SUZUKI INDIA LIMITED 2017

Note: The illustrated model is one of the IGNIS Series.

Prepared by
MARUTI SUZUKI INDIA LIMITED
Service Division
January, 2017
Part No. 99011M66R00-7AE
Printed in India

For 24 X 7 assistance, contact Toll Free number 1800 200 6392* (NEXA)
# No STD code to be prefixed.