

## CAR IDENTIFICATION RECORD

OWNER'S NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

SELLING DEALER CODE: \_\_\_\_\_

DATE OF DELIVERY: \_\_\_\_\_

DATE OF REGISTRATION: \_\_\_\_\_

REGISTRATION NO.: \_\_\_\_\_

CHASSIS NO.: \_\_\_\_\_

ENGINE NO.: \_\_\_\_\_

TRANSAXLE NO.: \_\_\_\_\_

BATTERY MAKE: \_\_\_\_\_

BATTERY SR. NO.: \_\_\_\_\_

BATTERY CODE: \_\_\_\_\_

KEY NO.: \_\_\_\_\_

**THE WARRANTY ON THIS VEHICLE IS VALID ONLY IF THE DETAILS ARE  
FILLED, SIGNED AND STAMPED BY THE SELLING DEALER**

**DEALERS SIGNATURE AND STAMP**

### **Following items are provided with your vehicle:**

1. Owner's Manual
2. Battery Warranty Card  
(if applicable)
3. First Aid Kit
4. Advance Warning Triangle
5. Jack
6. Spare Fuses (Provided in fuse  
box)
7. Tool Kit



**T I A G O**

**BSVI**

**OWNER'S MANUAL**



**TATA MOTORS**

REV00 / MAY 26

## CUSTOMER ASSISTANCE

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In our constant endeavour to provide assistance and complete service backup, TATA MOTORS has established an all India customer assistance centre.

In case you have a query regarding any aspect of your vehicle, our Customer Assistance Centre will be glad to assist you on our Toll Free no. **1800 209 8282**

You can also approach nearest TATA MOTORS dealer.

For updated information related to Dealer Network refer link <https://cars.tatamotors.com/dealer-locator.html>

TATA MOTORS 24X7 Roadside Assistance Program offers technical help in the event of a breakdown. Call the toll-free Road-side Assistance.

For additional information, refer to "24X7 Roadside Assistance" section in the Owner's manual.



### Dear Customer,

Welcome to the TATA MOTORS family,  
Thank you on the purchase of TATA MOTORS vehicle.

As a global Indian automobile manufacturer, we focus on innovation, technology and build high quality products with exceeding values of “Connecting Aspirations”.

The Owner’s Manual will familiarize you with the operations, equipment description, features that are either as standard or optional on your vehicle. It is requested you read this manual carefully and follow the instructions and recommendations as mentioned.

You are advised to carry out service, maintenance and repairs at TATA MOTORS Dealers and Authorized service centers through out the life of your vehicle. Always use genuine parts for continued performance of your vehicle. Avoid modification, non-genuine accessories fitment on your vehicle. TATA MOTORS does not carry any liability arising due to it. Always keep this manual in the vehicle.

You can contact our dealer or Customer Assistance toll free no.(1800 209 8282) in case of any query or support required.

Information provided in this Owner’s Manual is explicit at the time of publication. However, as TATA MOTORS continues to make changes and improve products, it reserves the right to make changes in this manual or any product at any time, without notice and without any obligations.

We look forward for your continued association with us for many years to come.

Wishing you a Safe and pleasant driving experience.

### **TATA MOTORS PASSENGER VEHICLES LTD.**

Bombay House, 24, Homi Mody Street,  
Mumbai, (MH) - 400 001, Maharashtra, India



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## KNOW YOUR VEHICLE



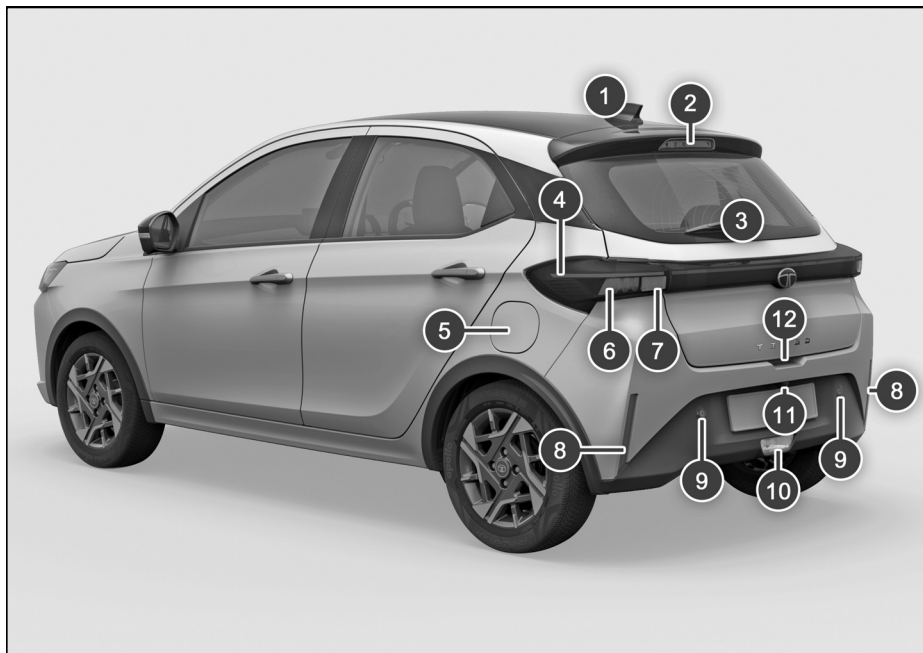
1. Windows
2. Rear View Mirror with Camera
3. Door Handle Switch (DHS)
4. Front Windshield Wipers
5. Bonnet
6. DRL / PO
7. Turn Indicator
8. Low Beam
9. High Beam
10. Alloy Wheels
11. Fog Lamp
12. Front Camera

\*Image for your reference, actual vehicle may differ.

\*Features listed above may or may not be applicable to your vehicle.

## INTRODUCTION

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1. Shark Fin Antenna
2. High Mounted Stop Lamp
3. Rear Wiper
4. Position Lamp
5. Fuel Lid
6. Stop Lamp
7. Turn Indicator
8. Reflex Reflector
9. Rear Parking Sensors
10. Reverse Lamp
11. Rear Camera
12. Tail Gate Open Switch

\*Image for your reference, actual vehicle may differ.

\*Features listed above may or may not be applicable to your vehicle.

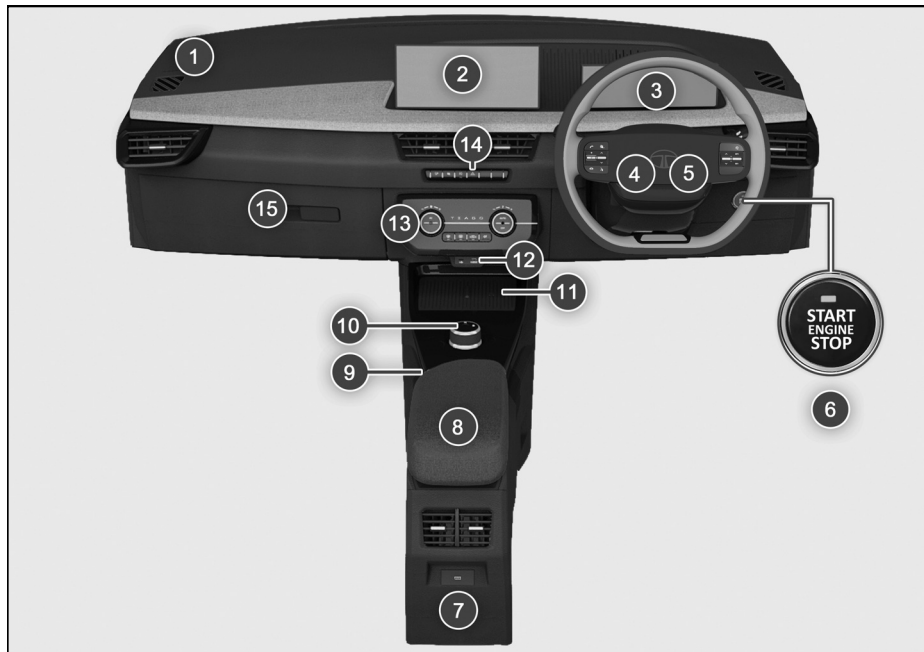


1. Steering Mounted Switches
2. Paddle Shifter
3. Seat Height Adjustment
4. Fuel Lid Opening Lever
5. Bonnet Opening Lever
6. ORVM Adjuster Knob
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\*Image for your reference, actual vehicle may differ.

\*Features listed above may or may not be applicable to your vehicle.

## INTRODUCTION



1. Passenger Airbag
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7. USB Charger for Rear Passenger
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14. Hazard Warning Switch
15. Glove Box

\*Image for your reference, actual vehicle may differ.

\*Features listed above may or may not be applicable to your vehicle.

**IMPORTANT MESSAGES**

In this Owner’s Manual, you will find the text under the heading “WARNING”, “CAUTION” and “NOTE” which highlights important information. Pay particular attention to these highlighted messages. The Images / Illustrations in this owner’s manual are only for reference. It may defer with actual vehicle.

**i NOTE**

*Indicates additional information that will assist you in gaining the optimum benefit and care for your vehicle.*

**⚠ WARNING**

Indicates procedures or information that must be followed precisely in order to avoid the possibility of severe personal injury and serious damage to the vehicle.

**⚠ CAUTION**

It indicates to be careful. You are capable of doing something that might result in damage to equipment.

**Running-in Period**

The more you look after the engine when it is new, the more satisfied you will be with its performance in the future.

Avoid rapid acceleration and prolonged high speed running of the engine for the first 2,000 km.

Do not exceed the following road speeds during running in period.

| Gear            | Speed (km/h) |
|-----------------|--------------|
| 1               | 15           |
| 2               | 30           |
| 3               | 45           |
| 4               | 60           |
| 5               | 80           |
| 6 (If equipped) | 100          |

Avoid heavy loads, e.g. driving at full throttle, during this period. Change gears judiciously.

While cruising, brief full-throttle acceleration within the limits of local traffic laws contributes to a good break-in.

Wide opened throttle acceleration can be detrimental and should be avoided.

**Vehicle Scrapping**

Your vehicle is equipped with SRS Air Bags and Seat Belt Pretensioner, ensure to remove and dispose it by qualified service center or by Tata Motors Authorised Service Centre before scrapping your vehicle.

## INTRODUCTION

### IMPORTANT INFORMATION

#### Vehicle In Water Logged Condition



- Before driving through water logged areas ensure that water is below tailpipe level
- Unseen pot holes could damage under surface of the vehicle
- Drive slowly and maintain constant acceleration
- After passing the water logged area ensure to press brakes intermittently to dry the brake disc

#### WARNING

- Do not drive through heavy water logged area
- Water may enter into vehicle interior and engine compartment which may damage electrical, electronic circuits

and cause hydrostatic lock of engine.

- Battery may get damaged or short circuited

#### Vehicle In Flood



#### WARNING

- If your vehicle gets flooded wait for water level to recede
- Once the water is receded, approach the vehicle, open all doors and let the water inside the vehicle get drained completely
- Remove floor carpet and open the rubber/plastic gasket provided on floor board, stepney space for water to recede from interior flooring of the vehicle completely.

- Push your vehicle to safe place do not try to start the vehicle

#### NOTE

*If the vehicle is submerged in water, we recommend to kindly contact TATA MOTORS Authorised Service Center.*

#### Vehicle In Fire



In case of vehicle fire, immediately evacuate vehicle and contact local fire tender responder. They possess proper training and equipment to safely extinguish vehicle fire.

Contact nearest TATA MOTORS Authorised Service Center for further assistance.

## WARNING

- Do not modify your vehicle.
- Do not install high-wattage bulbs, non-genuine lamps, horns
- Do not modify suspension, wheels, tyres
- Stick to manufacturer recommended parts. Safety matters
- Avoid tampering with the wiring harness, it can lead to short circuits.
- Be cautious with retrofitted CNG kits. Improper installation can cause leaks or fire hazards.

## CAUTION

Do not store or carry inflammable materials in the vehicle

## Vehicle Cyber Attack

Modern vehicles are equipped with internet connectivity for navigation, entertainment and diagnostics, making them vulnerable to cyber attacks.

Vehicles collect and stores personal data, which can be targeted by hackers.

Cyber attacks can compromise infotainment system, brakes, steering and engine control, leading to severe cyber risk

## Vehicle Cyber Security



- Refrain from connecting the vehicle to public or unsecured Wi-Fi networks.
- Ensure your vehicle is physically secured by locking doors and parking in safe areas to prevent from unauthorized access.
- Never leave your keys in the car, even if you are nearby.
- Keep your vehicle updated with latest software versions.
- Pay attention to any security alerts or notifications and follow the guidelines.
- Disable the bluetooth of the car where not required and vehicle is not in use.
- Keep infotainment app's login credentials private & do not share it with anyone.



## GENERAL SAFETY TIPS

- Safety consciousness not only ensures your safety and the safety of other road users, but it also helps to reduce the wear and tear on your vehicle.
- How quickly you make decisions to avoid an accident.
- Your ability to concentrate.
- How well you can see and judge objects.
- How well familiar you are with your vehicle controls and its capabilities.
- Turn 'ON' the side indicators at least 30 meters before taking a turn or changing the lane.
- Decelerate to a safe speed before taking turn. Do not apply brakes during cornering.
- When overtaking other vehicles, watch out for the oncoming vehicle.
- Never drive under the influence of alcohol or drugs.
- If your vehicle is equipped with info-

tainment/ navigation system, set and make changes to your travel route only when the vehicle is parked.

- Program radio presets with the vehicle parked, and use your programmed presets to make radio use quicker and simpler.
- If your car gets flooded and has soaked carpeting or water on the flooring, you should not try to start the engine, we recommend to kindly contact TATA MOTORS Authorised Service Center.
- While re-fueling switch OFF the engine and avoid the usage of mobile phone

### NOTE

*Do not remove the labels attached at different places on your vehicle, they include safety instructions or vehicle specifications.*

## While Handling Hot Parts

- Never remove the coolant cap when the engine is hot. The engine coolant is under high pressure and could splash on to skin/eyes causing severe burns.
- Stay rod becomes hot enough after vehicle running, be careful while using it. Touch only rubber part available on stay rod.
- Never touch engine exhaust after vehicle running as it will cause severe injury.
- Do not touch tyre and wheel rim when it is hot after a long journey it may cause burn injury.

## SAFETY

### SEATS

Your vehicle is provided with good seating comfort. To make your journey more safe and enjoyable we recommend you to follow below warnings and cautions.

#### Driver's seat

##### WARNING

- Do not adjust seat while driving / vehicle is moving. Doing so could result in loss of control, and an accident causing death, serious injury, or property damage.
- Always sit as far back as possible from the steering wheel while maintaining comfortable control of the vehicle. Fitment of seat covers on driver seat with airbags is strictly prohibited.
- Do not keep any sitting cushion on seats. This may result in serious or fatal injury in the event of accident.
- After adjusting the seat make sure it is securely locked by pushing it forward and backwards without using

lock release lever. Sudden or unexpected movement of the driver's seat could cause to lose control of the vehicle resulting in an accident.

- All passengers must be seated in seats and restrained with seat belt properly while riding in vehicle
- If there are occupants in the rear seats, be careful while adjusting the front seat position.

#### Front Passenger Seat

##### WARNING

Never ride in a vehicle with a front seat-back fully reclined. This may lead to serious injuries. Fitment of seat covers on front passenger seat with airbags is strictly prohibited.

#### Rear Seat Back

##### WARNING

The rear seatback must be securely latched. If not, passengers and objects

could be thrown forward resulting in serious injury in the event of a sudden stop or collision. Luggage and other objects in boot should be kept flat. If large, heavy, or piled they must be secured properly. No passenger should ride in the boot area or sit or lie on folded seat-backs while the vehicle is in motion.

#### Applicable for Hatchback/SUV

##### WARNING

- Under no circumstances should objects be piled higher than the seat-backs. Failure to follow these warnings could result in serious injury in the event of a sudden stop or collision. Ensure that objects are securely fastened.
- Storing items against seatback or in any other way interfering with proper locking of a seatback could result in serious or fatal injury in a sudden stop or collision. After resetting the seatback to its seating position make sure it is securely latched

by pushing it forward and backwards.

### ⚠ CAUTION

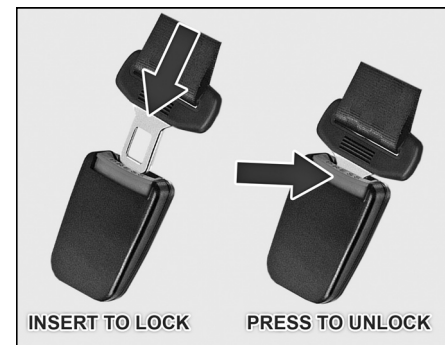
Your hands might cut or injured by the sharp edges of the seats mechanism during looking for small objects trapped under the seats or between the seat and the center console.

## SEAT BELTS

This section of user manual describes your Vehicle's seat belt, airbag and Child restraints system. Please read and follow all these instructions carefully to minimize risk of severe injury or death.

- Seat belts are the primary restraints system in the vehicle. All occupants, including the driver, should always wear seat belts. Your vehicle is equipped with three point seat belts for all occupants.
- Sit back and adjust the driver seat. Make sure that your seat is adjusted to a good driving position and the back of the seat is upright.

## Buckling of Seat Belt



- Grasp the tongue then slowly pull out the seat belt over the shoulder and across the chest. When the seat belt is long enough to fit, insert the tongue into the lock buckle until you hear a "CLICK" which indicates that the seat-belt is securely locked. (Refer "INSERT TO LOCK" image)
- Position the lap portion of seat belt across your pelvic bone, below your abdomen. To remove slack, pull up a bit on the shoulder seat belt. To loosen the lap portion seat belt if it is too tight,

## SAFETY

tilt the tongue and pull on the lap seat belt. A snug seat belt reduces the risk of sliding under the seat belt in a collision. Ensure that the seat belt running over the body (shoulder segment and lap segment) does not have any twist. Twisted seat belt may not offer effective protection when required.

- Ensure that the seat belt webbing is straight and not twisted. Twisted seat belts may not work properly in case of collision.

### NOTE

*It is not advised by TATA MOTORS to remove the mini tongue from small buckle, located at rear middle seat.*

### Releasing The Seat Belt

To release the seat belt, push the red button on the lock buckle (refer “PRESS TO UNLOCK” image). Ensure to hold seat belt during unlocking and release it slowly towards the seat belt mounting. The seat belt will automatically retract to its stowed position. If necessary, slide the tongue

down the webbing to allow the seat belt to retract fully.

### WARNING

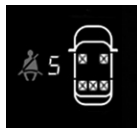
Due to retractor reversal action if you leave the seat belt from the unlock position it may hit you or parts like glass in the way which may cause injury to you or damage to the vehicle.

### WARNING

- Each seating position and seat belt assembly must be used by one occupant.
- Be careful not to damage or tamper the seat belt webbing or hardware. Inspect the seat belt system periodically, checking for cuts, frays, or loose parts. A frayed or torn seatbelt could rip apart in a collision and leave you with no protection.
- If the seat belt webbing or hardware is damaged, get it replaced immediately at TATA MOTORS Authorised Service Center.

- Do not insert any items such as coins, clips, etc. into the seat belt buckles, and be careful not to spill liquids into these parts. If foreign materials get into a seat belt buckle, the seat belt will not work properly.
- Do not wear seat belts over hard, sharp or fragile items in clothing, such as pens, keys, spectacles etc.
- Do not use any accessories on seat belts or modify in any way the seat-belt system. Devices claiming to improve occupant comfort or repositioning the seat belt, can reduce the protection provided by the seat belt and increase the chance of serious injury in a collision.

## Seat Belt Warning Lamp



5" Cluster

### **i** NOTE

#### *For Driver and Co-Driver Seat*

*Whenever an occupant is not sitting in any seating position then seat belt reminder beeping sound will not be played in instrument cluster.*

*If any material is kept on any seat then SBR beeping sound may be played in instrument cluster. Please do not keep any material on seat.*

- If the driver or any passenger do not fasten the seat belt, seat belt reminder lamp will blink and a buzzer will sound for pre-defined duration until the seat belt is buckled.
- If front passenger seat is occupied by child (without child seat), system may

detect occupancy and warn with seat belt warning. It is not taken to mean child can occupy front passenger seat and use seat belt. Please refer CRS section for recommended seating position if child is sitting with child seat.

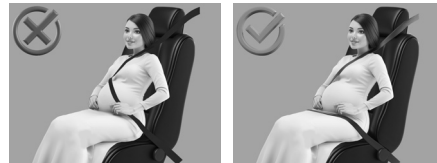
### **i** NOTE

*Fitment of seat covers on any seating position is strictly prohibited. It may affect the function of occupant sensor.*

## Use Of Seat Belts For Pregnant Women

### **⚠** WARNING

- Pregnant women must wear a correctly positioned seat belt. It is safer for mother as well as unborn child.
- Pregnant women should wear the lap part of the seat belt across the hips as possible. Keep the seat belt low so that it does not come across the abdomen. That way the strong bones of the hips will take the force if there is a collision.



## **SAFETY**

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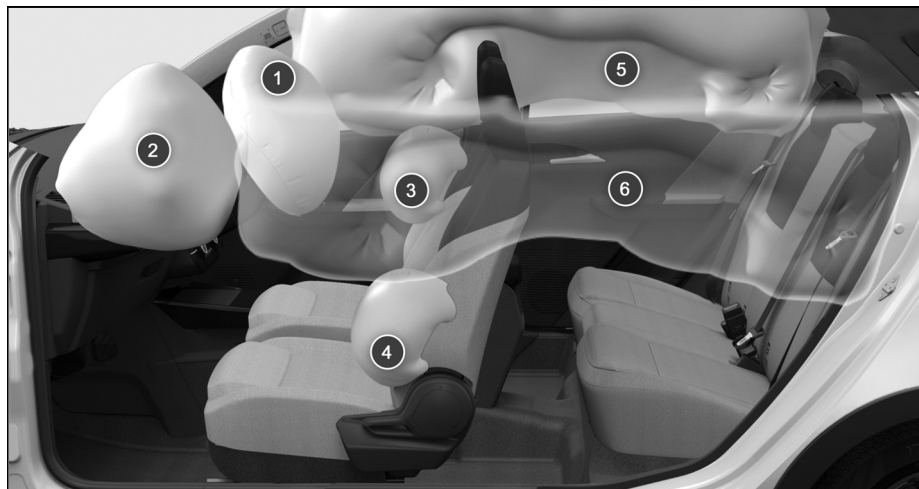
### **Seat Belts With Pre – Tensioner (If equipped)**

You can use the pre-tensioner seat belts in the same manner as ordinary seat belts. The seat belt pre-tensioner system works in conjunction with the Supplementary Restraints System (SRS-Airbags). In the event of a collision, as may be necessary, pre-tensioner tightens the seat belt so that it fits the occupant's body more snugly. When pre-tensioner activates, there could be some noise and release of smoke. This is normal and there are no health hazards or fire risk.

### **Seat Belt With Load Limiter (If equipped)**

You can use the load limiter seat belts in the same manner as ordinary seat belts. The seat belt load limiter system works in conjunction with the Supplementary Restraints System (SRS-Airbags). In the event of a collision, as may be necessary, load limiter reduces the load on the rib cage region of the occupant.

If the vehicle has been involved in a collision, get it inspected immediately at TATA MOTORS Authorised Service Center.

**SUPPLEMENTARY RESTRAINT SYSTEM (SRS - AIRBAGS)**

The SRS [Supplementary Restraint system] is designed to provide protection to occupants in case of collision or sudden impact, when sufficiently severe crash is detected, the SRS airbag system deploys airbags to help reduce the risk of injury to the occupant. It works in conjunction with seat belts.

There are 6 airbags provided in your car:

1. Driver Airbag
2. Front Passenger Airbag
3. Side Airbag RH
4. Side Airbag LH
5. Curtain Airbag RH
6. Curtain Airbag LH

The driver airbag is mounted in the centre of the steering wheel. The front passenger airbag is located inside the dashboard in front of the passenger seat. The airbags have suitable indications on steering wheel and on dash board.

Side airbags are mounted in front row seats.

Curtain airbags are mounted above the doors along the roof on both sides.

The word 'AIRBAG' is marked at adjacent locations of respective airbags.

## SAFETY

The 'SRS' system also comprises of the following components depending upon the provided safety features in vehicle.

- Seat belt Pre-tensioners
- Seat belt with load limiters
- Airbag 'SRS' ECU (Electronic Control Unit)
- Collision Sensors
- SRS wiring harness
- SRS Warning lamp
- Seat Belt Buckle Switches
- Passenger airbag switch & indicator

The System is active when ignition switch is in the "ON" position or the ignition mode is "ON". Airbags are designed to inflate in collisions when required.

In the event of a collision, the collision sensors will detect signals, and if the Airbag ECU judges that the signals represent a severe collision, will trigger the airbags. The inflated Airbags provide a cushion to the occupants. The Airbag inflates and deflates quickly that you may not even realize that it has activated. The Airbag will

neither hinder your view nor make it hurdle to exit the vehicle.

Airbag inflation is virtually instantaneous and occurs with considerable force, accompanied by loud noise and smoke, which is normal. The inflated airbag, together with seat belts, limit the movement of an occupant, thereby reducing the risk of injury.

When an airbag inflates, you may see some smoke-like particles. The particles are a normal by-product of the process that generates the non-toxic gas used for airbag inflation. These airborne particles may irritate the skin, eyes, nose, or throat. If you have skin or eye irritation, rinse the area with water. For nose or throat irritation, move to fresh air. Also sometimes the smoke can cause breathing problems, in such cases get fresh air promptly.

It is not advisable to drive your vehicle after the airbags have been deployed. If you are involved in another collision, the airbags will not be in place to protect you.

### NOTE

- *Open your windows and doors as soon as possible after collision to reduce prolonged exposure to the smoke and powder released by the inflating Airbag.*
- *Do not touch the Airbag container's internal components immediately after an Airbag has inflated. The parts that come into contact with an inflating Airbag may be very hot.*
- *Always wash exposed skin areas thoroughly with lukewarm water and mild soap.*

### WARNING

- Even in vehicle with airbags, all occupants must always wear the seat belts provided. In order to minimize the risk and severity of injury in the event of a collision.
- If an occupant is out of position during collision, the rapidly deploying Airbag may forcefully contact the

occupant causing serious or fatal injuries.

- Any damage or modification to the interior or exterior of the doors may affect the operation of the side airbags. Contact an Authorized Tata Motors dealer before carrying out any repairs or alterations to the front doors.
- Always use seat belts and CRS – during every trip and at all times. Even with airbags, you can be seriously injured or killed in a collision if you are not wearing seat belt properly or not wearing seat belt when airbag inflates.
- All occupants should never sit or lean unnecessarily close to the Airbags.
- Move your seat as far back as possible from front Airbags, while still maintaining control of the vehicle.
- All occupants should sit upright with the seatback in an upright position, centred on the seat cushion with

their seat belt on, legs comfortably extended and their feet on the floor until the vehicle is parked and the engine is turned off.

- Do not allow the front passenger to place their feet or legs on the dashboard.

#### **Passenger Airbag (PAB) Switch (If equipped)**

Passenger airbag switch is used to activate and deactivate the passenger airbag in the vehicle.

The switch is located on the left side of the dashboard and can be accessed once the co-driver side door is opened.

**PAB Switch ON:** When an adult is seated in the front passenger seat, ensure that PAB switch is turned to 'ON' position. This will ensure that the passenger airbag is operational in the event of a collision.

**PAB Switch OFF:** If rearward facing child seat needs to be installed on front passenger seat to carry the child then ensure PAB switch is turned OFF. This will ensure that the passenger airbag will remain de-activated in the event of a collision.

This switch can be operated by using mechanical key / Key with remote / Smart key as per vehicle variants. Refer "Keys" sec-

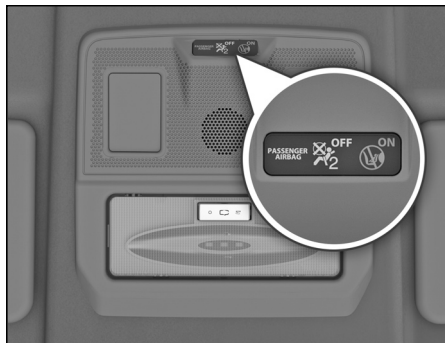
## SAFETY

tion in this Manual.

### Passenger Airbag (PAB) Indicator

Passenger airbag indicator is provided to notify an occupant, whether passenger airbag is activated (ON) or deactivated (OFF) in vehicle.

PAB indicator is located on roof near roof lamp.



### PAB Indicator ON:

When the PAB switch is turned to 'ON' position to activate the airbag, 'ON symbol



& text' will illuminate in amber color.

### PAB Indicator OFF:

When the PAB switch is turned to 'OFF' position to deactivate the airbag, 'OFF symbol & text' will illuminate in amber color.



### Wrong Seating Positions





### NOTE

- *Never place your arm over the airbag as a deploying airbag can result in serious arm fractures or other injuries.*
- *Do not allow the passengers to lean their heads or bodies onto doors or place objects between the doors and passengers when they are seated on seats equipped with side and/or curtain Airbags.*
- *Do not place or stick any item/s in the vehicle, except at designated locations (such as utility bins, cup/bottle holders, boot space etc). Loose items may act as a projectile during a collision and cause severe to fatal injuries.*
- *Please be aware that any unsecured item in your vehicle, such as your pet, unsecured CRS or a laptop,*

## SAFETY

*can become a potential hazard in the event of a collision or sudden stop, causing injuries to occupants in the vehicle.*

- Coat hooks (if provided), must be used only for that purpose. Never hang other items on to those hooks. This could affect deployment of the Airbags, and may lead to severe to fatal injuries.
- Always contact TATA MOTORS Authorised Service Center if the vehicle is damaged, even if airbag has not inflated or if any part of an airbag module cover shows sign of cracking or damage

### WARNING

If your SRS malfunctions, the Airbag may not inflate properly during a collision thereby increasing risk of serious injury or death. If any of the following conditions occur, your SRS is malfunctioning:

- The SRS warning lamp does not turn 'ON' for few seconds, when the ignition switch is placed in the 'ON' position.
- The SRS warning lamp stays 'ON' after illuminating.
- The SRS warning lamp comes 'ON'/stays 'ON' while the vehicle is in motion.
- The SRS warning lamp blinks when the engine is running.

We recommend the customer to immediately visit TATA MOTORS Authorised Service Centre and get the SRS system inspected if any of the above conditions occur.

### WARNING

- Never make any modifications to your vehicle. The modifications carried out, but not limited to the vehicle frame, bumpers, front fenders, ride height, suspension, seat belts, interior trims, steering wheel (espe

cially holders), electrical system are not acceptable. This will affect the intended performance of SRS.

- Fitment of bull bars, seat covers on seats with airbags etc, is strictly prohibited.
- If you need to make any modifications to accommodate any disability you may have, please contact your Authorised TATA MOTORS Dealer for necessary guidance.
- Do not tamper with SRS in any way. This will lead to unexpected performance of system and may cause serious injury or death.

### Airbag Warning Sticker On Front Passenger Sun Visor



The Airbag Warning Symbol on sun visor reminds of the extreme hazards associated with the use of a rearward-facing child restraint on front passenger seat during airbag deployment. Please refer CRS section for recommended seating position for children.

### ⚠ 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.

#### Airbags Deployment Conditions

##### When front airbags should not deploy?

**Minor frontal collision:** Seat belt (if worn) offers adequate occupant protection in low severity collisions. The airbags are triggered only when there is a collision severe enough to trigger the airbags. Deployment of frontal airbags is not beneficial in low severity collisions.

**Side collision:** During a side collision, occupants tend to move sideways. Therefore, deploying frontal airbags in such situations will not benefit the occupants. Side airbags and side curtain airbags are specifically designed to reduce the injuries that can occur in side collision.

**Rear collision:** During a rear collision, occupants tend to move (rearwards) away from frontal airbags. Therefore, deploying

frontal airbags in such situations will not protect the occupant. Head restraints and seat belts provide occupant protection during a rear collision.

**Rollovers collision:** During a rollover collision, unbelted occupants may float inside the passenger compartment. This will increase the risk of injuries and may prove to be fatal. Wearing seat belts provide highly effective occupant protection during rollover collision. Front airbags, are not designed to deploy in a rollover as frontal airbags cannot offer any protection in rollover collision.

##### When front airbags/side airbags/side curtain airbags deploy with minor or no visible damage

The airbags are triggered only when there is a collision severe enough to trigger the airbags. The extent of vehicle damage is not always the correct indicator for airbag deployment. In some extreme/rare conditions of rough road driving, running into a curb or hitting other fixed objects the airbags may deploy depending upon the severity of collision. In some of these con-

## SAFETY

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ditions, damage to the vehicle may be minor or not be readily visible.

### **When front airbags/side airbags/side curtain airbags may not deploy, even with exterior visible vehicle damage**

The airbags are triggered only when there is a collision severe enough to trigger the airbags. The amount of visible vehicle damage is not always the correct indicator for airbag deployment. Some collisions can result in visible damage but with no airbag deployment, because the airbags would not have been needed or would not have provided protection even if they had deployed. Seat belts, if worn, offer adequate occupant protection in such cases.

**CHILDREN ON BOARD****⚠ WARNING**

- Do not leave unattended children in your vehicle.
- During reversing and parking, ensure that children are far away from the vehicle.

**⚠ WARNING**

- Do not put the safety seat belt under your child's arm or behind its back.
- Do not use pillows, books or towels to boost your child's height.
- Do not allow children to stand up or kneel on either the rear or the front seats. An unrestrained child could suffer serious or fatal injuries during a collision.
- Do not install a booster seat or a booster cushion with a seat belt that is slack or twisted.

**Child Restraint System (CRS)**

TATA MOTORS strongly recommends the use of Child Restraint Systems (CRS) for all children up to 36 Kg and to be placed at recommended positions only (Refer CRS Position table in this section).

**Isfix**

CRS can be installed in the vehicle using seat belts and/or ISOFIX with support leg (if equipped) or ISOFIX with Top Tether (if equipped). These ISOFIX attachment points are located on rear outboard seating locations which enables quick and safe child seat engagement.

*ISOFIX**Top Tether*

## SAFETY

Top Tether mounting anchorages are located at backside of rear outboard seats.

The harness system of CRS holds the child in place, and in a collision, acts to keep the child positioned in the seat and reduce the risk of injuries.



Keep children in a forward-facing or rearward facing CRS with a harness until they reach the size or age or weight limit recommended by your CRS manufacturer.

### Selection And Installation Of CRS

Always select the CRS that complies with latest safety standards (AIS 072 / ECE

R44 / ECE R129). The CRS are classified according to the child's size, height and weight. Select the appropriate CRS for your child. Ensure that the child fits properly in the CRS and it is securely installed in the vehicle.

While installing the child seats always adhere to the directions in this Owner's Manual as well as those provided by the child seat's manufacturer.

Tata Motors recommends **Joie i-Spin Safe i-Size** seats for up to 18 Kg children. These seats are available at TML dealer-ships.



### **i** NOTE

*Tata Motors recommends to keep the highlighted device in close condition while using Joie i-Spin Safe seat in car.*

### Installing The Child Seat On Front Passenger Seats

- Adjust the front passenger seat back up to its vertical position as per requirement, so that it can create adequate contact between passenger seat backrest & child seat.
- Adjust the front passenger seat forward or backward as per requirement, so that there could not be any contact between front passenger seat & child seat or child present behind it.
- If required, adjust the front passenger seat height to its suitable position.
- While installing child seat on front passenger seating position, adjust the buckle to its suitable position of rotation.
- While installing forward facing child seat for 15 to 18kg children on front passenger seating position, adjust the front passenger seat to its rearmost position.

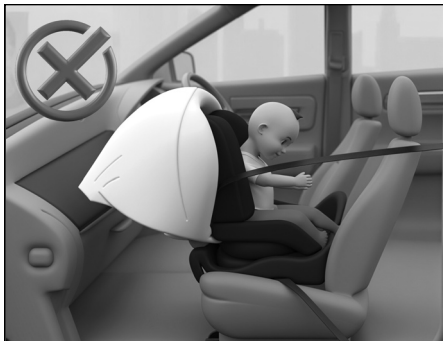
### Installing The Child Seat On Rear Passenger Seats

- If required, adjust the front seat so that there could not be any contact between front seat & child seat or child present behind front seat.
- While installing child seats on rear out-board seating position, adjust their respective buckles to its required position of rotation.



## SAFETY

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### Recommended CRS Position as per the Vehicle Matrix

The suitability of seat position for carriage of children and recommended category of CRS is shown in the table as per the child group.

#### NOTE

*The child's life is at risk in a collision if the CRS is not properly secured in the vehicle. Be sure to secure the child in the restraint system according to the manufacturer's instructions*

#### WARNING

Do not use an infant carrier or a child safety seat that "hooks" over a seat-back, it will not provide adequate protection in a collision.

| Recommended CRS Positions (CRS Fastened With A Safety Belt) |             |                 |                   |                   |             |
|---|-------------|-----------------|-------------------|-------------------|-------------|
| Group   | Mass Group  | Front Passenger | Rear Out-board LH | Rear Out-board RH | Rear Centre |
| 0   | Up to 10 kg | X               | U                 | U                 | X           |
| 0+  | Up to 13 kg | X               | U                 | U                 | X           |
| I   | 9 to 18 kg  | UF              | U                 | U                 | X           |
| II  | 15 to 25 kg | UF              | U                 | U                 | X           |
| III   | 22 to 36 kg | UF              | U                 | U                 | X           |

X: Seat Position not suitable for children in this mass group.

U: Suitable for "universal" category restraints approved for use in this mass group.

UF: Suitable for forward facing "universal" category restraints approved for use in this mass group.

## SAFETY

### CAUTION

A CRS in a closed vehicle can become very hot. To prevent burns, check the seating surface and buckles before placing your child in CRS.

### WARNING

- Do not modify CRS in any way.

### CAUTION

- Do not install a booster seat or a booster cushion with only the lap strap of the seat belt or a seat belt that is slack or twisted.
- Do not leave any toys or other objects loose in the CRS or on the seat while the vehicle is in motion.

### Recommended CRS Positions (CRS That Can Be Used With ISOFIX System)

| Group | Mass Group  | Category Of Child Seat | Front Passenger | Rear Outboard LH* | Rear Outboard RH* | Rear Centre |
|-------|-------------|------------------------|-----------------|-------------------|-------------------|-------------|
| 0     | Up to 10 kg | E                      | X               | IL                | IL                | X           |
| 0+    | Up to 13 kg | C, D, E                | X               | IL                | IL                | X           |
| I     | 9 to 18 kg  | D, C, B, B1, A         | X               | IL<br>IUF         | IL<br>IUF         | X           |
| II    | 15 to 25 kg |                        | X               | IL                | IL                | X           |
| III   | 22 to 36 kg |                        | X               | IL                | IL                | X           |

IL: The seat is suitable for the ISOFIX child seats with “Semi-Universal” approval.

IUF: The seat is suitable for forward facing child seats and is permitted for use in this weight category.

X: The seat is not equipped for the ISOFIX system.

\*Rear outboard seating positions are suitable for ISO/R3, Class C CRS.

After a collision, we recommend to get seat belts, seats, ISOFIX and top-tether anchorages (as may be applicable) investigated at TATA MOTORS Authorized Service Centre.

Each CRS should be used for one child only.

### WARNING

If the airbag SRS warning indicator in the instrument cluster illuminates continuously, it means that there is malfunction in the system. Remove the CRS from front passenger seat and contact your TATA MOTORS Authorized Service Centre.

### Child Lock



Child lock are provided on both rear doors. It is used for safety of a child.

Child safety lever to be used for safety of child for preventing them to open rear door while seating in passenger seat to avoid accident while vehicle is moving.

Both the rear doors of the vehicle are provided with a child proof lock. Push the lock lever (located on vertical face of the door) downward before closing the door. The door which has been locked by activating the child lock cannot be opened from inside. It can be opened only from the out-

side.

### NOTE

- *Lift the lock lever upward to deactivate the childproof lock when not required.*

## SAFETY

### ANTI-THEFT DEVICE IMMOBILIZER

Immobilizer system is designed to prevent vehicle theft by electronically disabling the engine ignition system. The engine can be started only with vehicle's original Immobilizer ignition key which has an electronic identification programmed code.


#### **i** NOTE

*Use only one key, the other should be kept in a safe location. Note down "key Tag no." information (and keep it safe) which is required while getting new/spare keys. Remember that it is not possible to prepare new/spare keys without the "key Tag number." Take pre caution about key, as without key vehicle cannot be started.*

| Vehicle Condition | Immobilizer Lamp Status | Vehicle State | Meaning / Function Of The State  |
|-------------------|-------------------------|---------------|--|
| Ignition OFF      | Blinking                | Locked        | Vehicle Immobilized and awaiting electronic key  |
| Ignition ON       | OFF                     | Unlocked      | Normal condition and ready to start the vehicle  |
| Ignition ON       | ON                      | Locked        | <ul style="list-style-type: none"><li>• Problem with key (Wrong key used to start vehicle)</li><li>• Problem with Immobilizer system. Contact a TATA MOTORS Authorized Service Centre.</li></ul> |
| Ignition ON       | Blinking                | Unlocked      | Contact a TATA MOTORS Authorized Service Centre immediately.   |


## ADDITIONAL SAFETY FEATURES (if equipped)

### Electronic Brake Force Distribution (EBD)

EBD monitors and controls the brake pressure on the rear wheels to improve driving stability while braking. 


EBD provides optimal braking pressure distribution between front and rear wheels to optimize braking distance and to ensure vehicle stability by means of lowering braking pressure at rear wheels.

#### WARNING

- If EBD  is malfunctioning, the rear wheels can lock, e.g. under full braking. This increases the risk of skidding and an accident.
- You should therefore adapt your driving style to the different handling characteristics. Have the brake system checked immediately at a TATA MOTORS Authorized Service Cen

tre as soon as possible.

### Electronic Stability Program (ESP)

ESP monitors driving stability and traction. 

If ESP detects that the vehicle is deviating from the direction desired by the driver, one or more wheels are braked to stabilize the vehicle. The engine output is also modified to keep the vehicle on the desired course within physical limits. ESP assists the driver when pulling away on wet or slippery roads. ESP can also stabilize the vehicle during braking and acceleration.

### Cornering Stability Control (CSC)

Corner stability Control supports / stabilizes vehicle during partial braking on curves by reducing pressure at required inner wheel of the vehicle.

This helps to reduce probability of vehicle over steering during cornering.

### Engine Drag Torque Control (EDTC)

On slippery road conditions during in gear

braking or shift down of gear or sudden throttle release on a curve road.

This causes high Engine drag on the driven wheel resulting into brake slip situations without any brake application.

This makes vehicle highly under steerable.

EDTC controls such brake slip on the driven wheels by increasing the engine torque to makes the vehicle stable and steerable.

### Traction Control System (TCS)

The Traction Control system continuously monitors the front and rear wheel speeds. In event of traction loss, the system reduces wheel spin by reducing the engine torque output and by varying the brake pressure on individual wheels.

#### WARNING

For optimal performance of the TCS feature, the tyres must be in good condition and must be inflated as per recommended pressures.

## SAFETY

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### Hill Hold Control (HHC)

Hill Hold Control is a comfort function. The main intent is to prevent the vehicle from rolling backwards while driving on an inclined surface. HHC holds the brakes for a predefined time while you switch your foot from brake pedal to accelerator pedal thus preventing vehicle roll back due to the incline.

The HHC will function on both vehicle facing uphill and downhill if the following conditions are met.

Vehicle must be equipped with HHC

Vehicle must be on sufficient gradient

Parking brake must not be engaged

Correct gear is engaged: Vehicle facing downhill – Reverse gear and Vehicle facing uphill - Forward gear

### After Impact Braking (AIB)

- After impact braking system is activated automatically and brakes the car in a safe manner to mitigate secondary collision.
- Hazard & brake lights are triggered to intimate surrounding users of an emer-

gency situation. Warning lights will continue flashing after vehicle comes to a standstill.

- The driver can override the system by depressing the brake/acc pedal if there is a risk of being hit by following traffic.
- The basic assumption is that the brake system is intact after the primary impact.
- Mitigate impact/severity of subsequent collisions.

### Panic Brake Alert (PBA)

Panic brake alert warns vehicles approaching from behind when emergency or heavy braking takes place. The PBA is designed to trigger Hazard lamps automatically, which will act as an immediate warning to vehicles directly behind and nearby. PBA is an immediate and urgent warning to all vehicles around thus improving their response time to unforeseen braking situations.

The PBA feature gets activated if the vehicle speed is greater than 50 kmph and if the system detects a panic braking scenario.

**KEYS**

**Unlocking Principle**

The transponder in the ignition key carries a Unique Identification Code (UID). The vehicle unlocks when the code on the key matches with the code on the Engine Management System (EMS). In case of PEPS variant, Immobilizer function is provided by PEPS ECU.

**Engine Starting**

When the key is inserted / kept in vehicle and the ignition is switched to 'ON', all codes are communicated within key, Immobilizer and EMS. The engine will start only if all the codes match.

**Loss of Key**

If one of the key is lost, Contact the TATA MOTORS Authorized Dealer/Service Center immediately.

with it. This may be detected as abnormal condition by immobilizer and prevent engine from starting.



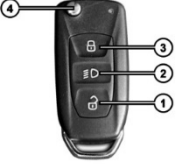
- Do not leave the key in high temperature areas. The transponder in it will behave abnormally when reused.
- Do not try to start the vehicle when the Immobilizer indicator lamp on the instrument cluster is glowing. In this condition the vehicle will not start and the vehicle's battery will also be drained due to frequent cranking.

** WARNING**

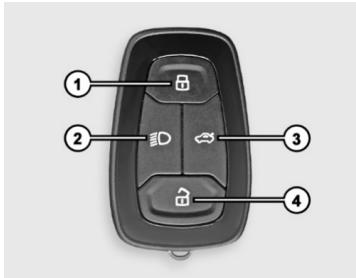
- Do not turn 'ON' ignition switch by using key with any type of metal wound around its grip or in contact

## OPENING AND CLOSING

### Types Of Key (if equipped)

| Sn | Name             | Remote Key  | Description   |
|----|------------------|---|---|
| 1  | Mechanical key   |  | <ol style="list-style-type: none"><li>1. Locking all doors</li><li>2. Unlocking all doors</li></ol>   |
| 2  | Smart key (PEPS) |  | <ol style="list-style-type: none"><li>1. Locking all doors</li><li>2. Approach Light/Follow me</li><li>3. Tail gate opening</li><li>4. Unlocking all doors</li></ol>          |
| 3  | Flip Key         |  | <ol style="list-style-type: none"><li>1. Unlocking all doors</li><li>2. Approach Light /follow me</li><li>3. Locking all doors</li><li>4. Key blade in / out button</li></ol> |

### SMART KEY (if equipped)



Keep the smart key with user to perform the passive access. It is used for locking, unlocking and starting the vehicle.

1. Locking all doors
2. Approach Light/follow me
3. Tail gate opening
4. Unlocking all doors

#### Locking All Doors

Pressing the Lock button (1) once, remote locks all the doors of the vehicle. Successful lock will be indicated by two flashes of turn signal indicators.

If lock button is pressed on the key with

the any door open, locking-unlocking takes place with audible warning indicators do not flash.

#### Approach Light

This feature helps to find and reach the parked vehicle.

When you press approach light button (2) once, low beam, roof lamp and position lamps will turn 'ON'.

To switch 'OFF' the approach lights, press and release the same button or it automatically turns 'OFF' after certain time.

#### Tail Gate Opening

Pressing the Lock button (3) once, re-mote unlatch the Tailgate authentication range of Smart key i.e. 1 to 1.5 meters.

#### Unlocking All Doors

Pressing the Lock button (4) once, re-mote unlocks all the doors of the vehicle

Successful unlock will be indicated by one flashes of turn signal indicators.

### NOTE

*If smart key battery is low/drained or vehicle battery is low/drained, user can unlock and enter into vehicle by using mechanical key blade, which is present inside the smart key.*

#### Key Blade In/out

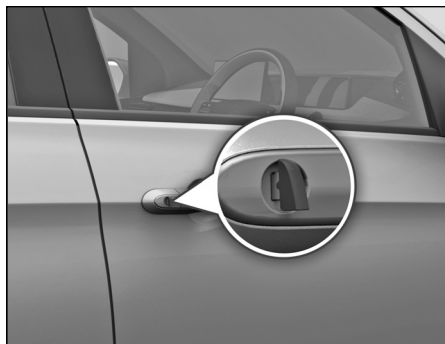


Slide the knob (1) to release the key. Pull the key blade (2) out.

## OPENING AND CLOSING

### Unlocking Door With Emergency Key

- Slot is provided below driver door handle.



- Insert the key blade in slot and press
- Outer cover of door handle will be unlock first.
- Remove the cover to access the door lock slot.

Insert the key blade in slot and turn clockwise to unlock the door.

### SMART KEY FEATURES

#### Vehicle Search

If the lock button on the smart key is pressed twice in succession, the vehicle's turn indicators flash four times to help the driver locate the vehicle.

#### Automatic Activation of Immobilizer

If smart key will not found within the passenger compartment, engine will be immobilized and vehicle cannot be start.

#### Auto Lock/unlock of Doors/ Auto Unlock

In case of PEPS variants, door will get unlocked when ignition is OFF by pressing start/stop button.

Vehicle doors get automatically locked when all doors are closed and the vehicle speed crosses 13 kmph.

Also, when unlocked with remote key and if no door is opened within 30 seconds, vehicle doors get automatically locked.

Key is inside the vehicle and all doors closed with vehicle locked condition. In this scenario customer is informed about

the key forgotten inside the vehicle through alarm for first 10 seconds with turn indicator flashes. The flashes will continue for 180 seconds at every 20 second interval with turn indicator flashes to enable customer to take out the key from the vehicle. Customer is advised not to leave the key inside the vehicle and if the warnings are ignored by customer for entire 180 seconds, vehicle intelligence takes over the control and lock the vehicle for security reasons.

#### **i** NOTE

*Do not forget to take out key before leaving the vehicle to avoid such situation.*

#### Anti-grab / Anti-scan Coding

The remote control set of this security system is protected against the use of devices called 'scanners' and 'grabbers' that can record and reproduce some types of remote codes.

### Important

- Don't press unlock button on remote in the vicinity of your vehicle, as you may accidentally unlock your vehicle.
- For battery replacement procedure, refer 'MAINTENANCE' section.
- Don't remove the battery connection of the vehicle while the vehicle has been locked by remote

### Smart Key Precautions

1. If smart key is close to radio transmitter, it may interfere with the operation of the smart key.
2. If the smart key is near a mobile two way radio system or a cellular phone, then it will not work correctly.
3. If another vehicle's smart key is being operated close to your vehicle, the signal will fluctuate.

### WARNING

Keep the smart key away from electromagnetic materials which block electromagnetic waves to the key surface

### WARNING

*In case any button of the key is accidentally pressed for more than 20 seconds, the remote stops functioning till the time the button is pressed. The LED on the Remote also stops glowing. The function of the remote gets reinstated immediately when the user stops pressing the push button of remote.*

### Force Panic Operation

#### Force Panic ON Operation

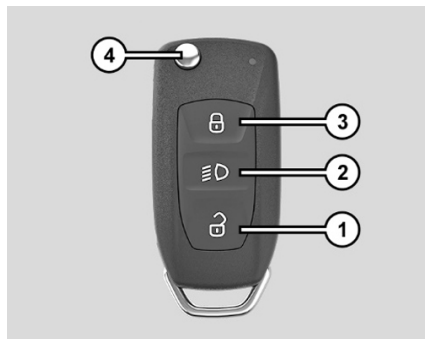
When the vehicle is in off condition and the lock and unlock buttons are pressed at the same time, the force panic operation becomes active. In this case, the turn indicators start flashing and the vehicle starts to honk.

#### Force Panic OFF Operation

Force Panic OFF operation: To deactivate the force panic operation, press any button on the smart key.

## OPENING AND CLOSING

### FLIP KEY (if equipped)



1. Unlocking all doors
2. Approach Light /follow me
3. Locking all doors
4. Key blade in / out button

#### 1. Unlocking All Doors

To unlock all doors, press unlock push-button (1) once. Unlocking will be confirmed by single flash of turn indicators.

#### 2. Approach Light / Follow Me

Press approach light button (2) once, low beams, position lamps and roof lamp will

turn 'ON' . This feature helps to find and reach the parked vehicle or to reach home in dark/ cloudy condition after parking. To switch 'OFF' the approach lights, press and release the same button or it automatically turns 'OFF' after approx. 30 seconds.

#### 3. Locking All Doors

To lock all doors, press lock push-button (3) once. Locking will be confirmed by two flashes of turn indicators.

If lock button is pressed on the remote key with any door open, locking-unlocking takes place with audible warning indicators do not flash.

#### 4. Folding Key Blade In / Out

Press button (4) to flip out the key blade. For folding, press the button (4) and fold the key blade inside.



#### **i** NOTE

*Key Blade should not be folded without pressing the button. Also, it should not be forced in any direction apart from folding direction to avoid damage to Flip Mechanism.*

### FLIP KEY FEATURES

#### Vehicle Search

In vehicle locked condition if lock button on remote key is pressed the turn indicators of vehicle flashes 4 times.

#### Force Panic On Operation

Force Panic ON operation When vehicle is in OFF condition, if we press lock button and unlock button simultaneously, Force panic operation gets activated. In this case, turn indicators of vehicle start flashing and horn will blow automatically. Force Panic OFF operation.

#### Force Panic Off Operation

By pressing any button of flip key, Force panic operation gets deactivated.

#### Automatic Activation Of Immobilizer

If key is removed from ignition, the engine will be immobilized automatically even if you forget to lock the vehicle.

#### Auto Locking / Unlocking Of Doors / Auto Unlock

Vehicle doors get automatically locked when all doors are closed and the vehicle

speed crosses 13 kmph.

When ignition key is taken out all the doors get automatically unlocked.

Also, when unlocked with remote key and if no door is opened within 30 seconds, vehicle doors get automatically locked.

#### Anti-grab / Anti-scan Coding

The remote control set of this security system is protected against the use of devices called 'scanners' and 'grabbers' which can record and reproduce some types of remote codes.

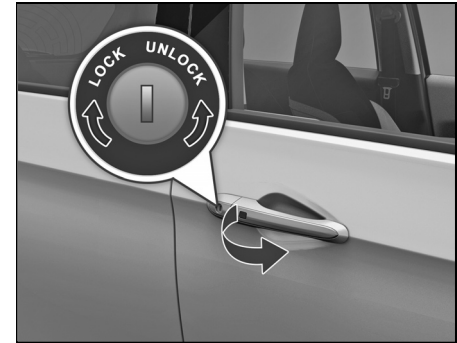
#### Important

- Don't operate Unlock push-button of remote while in the vicinity of your vehicle, as it could lead to an unintentional unlocking your vehicle.
- Don't use discharged batteries in remote, as it could damage the remote.
- For battery replacement procedure refer maintenance section.
- Don't remove the battery connection of the vehicle while the vehicle has been locked by remote.

### DOORS

#### Option I - Door Lock and Unlock with Key (if equipped)

The front doors can be locked or unlocked from outside using the key blade.

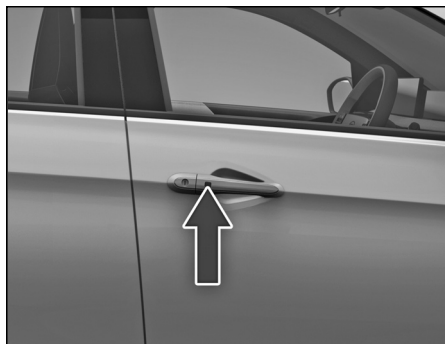


Insert the key in the slot and turn it clockwise to lock and anticlockwise to unlock the door.

## OPENING AND CLOSING

### Option II - Door Locking and Unlocking Using Door Handle Switch (DHS)(if equipped)

To lock/unlock all the doors without operating smart key button/ key blade. Press the door handle switch (DHS) provided on the driver door to lock/unlock all the four doors including Tail gate (with authentication range)



#### **i** NOTE

- Authentication range for smart key ranges from 1 to 1.5 meters from

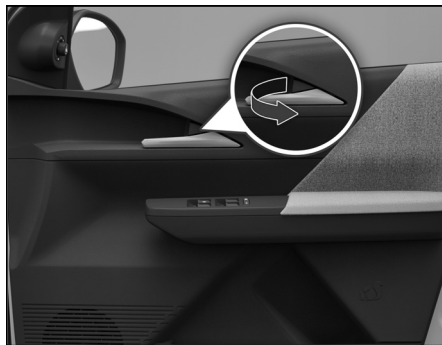
*outside the respective door or tail gate.*

- *Passive entry works only when ignition is off.*

### Manual Operation Of Central Door Locking / Unlocking

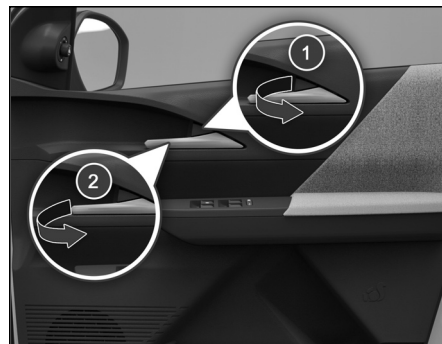
All doors can be locked / unlocked operating driver door using either key blade from outside or knob from inside.

### Locking/unlocking Without a Key From Inside



All the doors can also be locked/Unlocked

from inside by pressing lever on driver door and independently on other doors.



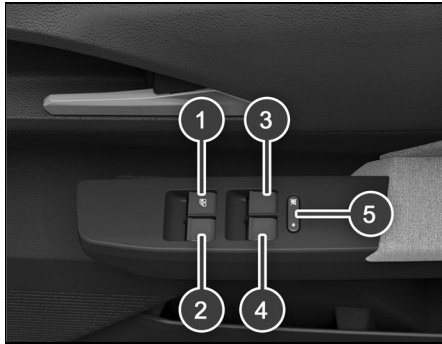
Pull the door opening knob (1) and then opening lever (2).

#### **i** NOTE

*There is a single pull override feature on driver door. All door can be unlocked by inner handle without operating lock knob of inner handle.*

### WINDOW

#### Power Windows (if equipped)



1. Front Window Winding Switch (Right)
2. Front Window Winding Switch (Left)
3. Rear Window Winding Switch (Right)
4. Rear Window Winding Switch (Left)
5. Inhibit Switch

Window glasses on all four doors can be operated by switches provided on the main control panel located on the driver's arm rest.

#### **i** NOTE

*Power windows can be operated for 30 seconds in 'IGN OFF' and 'KEY OUT' positions, provided the doors are closed.*

#### Inhibit Switch

When switch is pressed, amber light turns 'OFF'. The individual switches provided on rear and front passenger door can be operated. It can also be operated from the switches on driver's arm rest.

When switch is depressed amber light turns 'ON'. The individual switches provided on rear and front passenger door cannot be operated. Still it can be operated from the switches on driver's arm rest.

#### **⚠** WARNING

- If children operate the windows they could get trapped, particularly if they are left unsupervised. There is a risk of injury.

- Activate the window inhibit feature when children are travelling. When leaving the vehicle, always take the key with you and lock the vehicle. Never leave children unsupervised in the vehicle.

#### Express Down (if equipped)

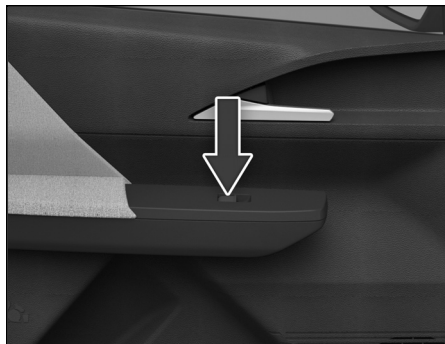
Window glasses can be opened by a single long press of the switch. Express down feature is provided for the driver's door only.

#### Individual Switches

Individual window winding switches have been provided on the front passenger and rear doors.

Glasses are wound up or down by pulling or pressing the switch.

## OPENING AND CLOSING

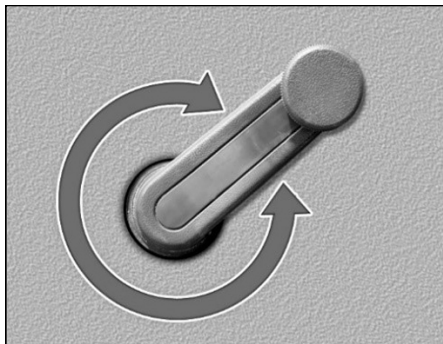


### **WARNING**

While raising the glass, take care to avoid fingers/hands getting trapped between glass and the door frame.

### **Manual Window Winding**

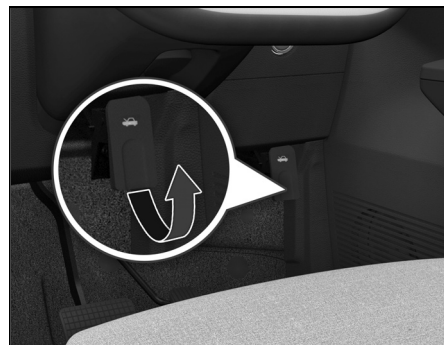
Use window winder handle for lowering or raising up window glasses manually where power windows are not provided.



## BONNET AND FUEL LID

### **Opening**

1. Make sure that the engine is switched off and vehicle is in neutral gear with the parking brake applied.
2. Pull the bonnet release lever. The bonnet will pop up slightly.



3. Lift the bonnet slightly and with your finger and slide the secondary lock lever located under the center of the bonnet.

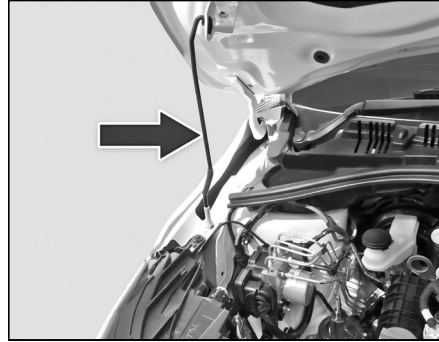
## OPENING AND CLOSING



### ***i*** NOTE

- *Make sure that the wiper arms are not raised before you lift up the bonnet to avoid damaging the wiper arms and the bonnet.*
- *Do not operate wipers when bonnet is open.*

4. Lift the bonnet up and push out the bonnet stay rod from its clip and put the free end into the slot provided on the frame.



### ***⚠*** WARNING

- The stay rod can be hot enough to burn your finger right after driving. Touch the rod after it becomes cool enough.
- Put the stay rod into the hole correctly. If the rod drops off, your body may be caught below the bonnet.

### Closing

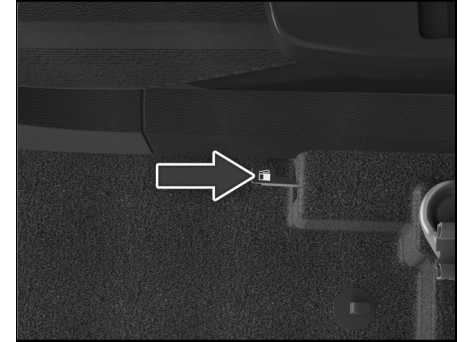
1. To close the bonnet, hold the bonnet by one hand, disengage the stay rod and clamp it back properly.

2. Lower the bonnet close to the bumper, then let it drop down.

### ***⚠*** WARNING

Make sure that the bonnet is correctly locked or it can fly up unexpectedly when you drive.

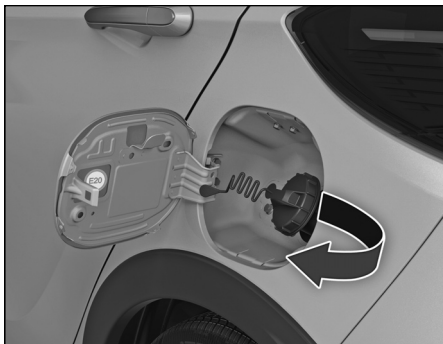
### Fuel Lid



To release the fuel flap, pull the lever located at the right hand side below the driver seat.

For opening, open the fuel cap, turn it counter clockwise.

## OPENING AND CLOSING



For closing, Place the fuel cap back into the filler pipe, and rotate in clockwise direction until click sound is heard and then gently push the fuel flap till it gets locked.

### **WARNING**

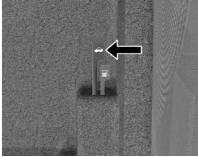


- Fuel vapor is extremely hazardous. Always switch 'OFF' the engine before refueling and never refill near sparks or open flames.
- Do not use cell phone when you fill fuel.

- Do not continue adding fuel after the automatic shut 'OFF' function is operated if it is equipped on the fuel station. Overfilling the fuel tank could damage the fuel system.

### **NOTE**

- *To fill up the fuel, the Engine must be stopped by turning OFF the Ignition Key / Start-Stop button.*
- *Remove the fuel filler cap slowly, and wait for any hissing to stop. The fuel may be under pressure and may spray out.*
- *If fuel cap needs replacement, make sure that it is replaced by a genuine cap at the TATA MOTORS authorized service center.*
- *Ensure that engine is switched OFF while filling fuel.*

**MECHANICALLY OPERATED TAILGATE**

| Option   | Image   | Operation  |
|--|---|--|
| <p>Option I<br/>Using Tailgate release Lever</p> |  | <p>The tailgate release lever is located on the right-hand side, beneath the driver's seat. Lift the lever to unlock the tailgate</p>  |
| <p>Option II<br/>Using PEPS Key</p>              |  | <p>Press a tail gate opening button on remote and release. To close, slam the tail gate to latch and it gets locked.<br/>Note: vehicle to be in authentication range</p>   |
| <p>Option III<br/>Using DHS Switch</p>           |  | <p>DHS switch on tail gate is pressed with valid key in the authentication range, the tail gate gets unlatched. To close, slam the tail gate to latch then it gets locked. If the valid smart key is left inside the trunk then tail gate gets unlocked.</p> |

## OPENING AND CLOSING

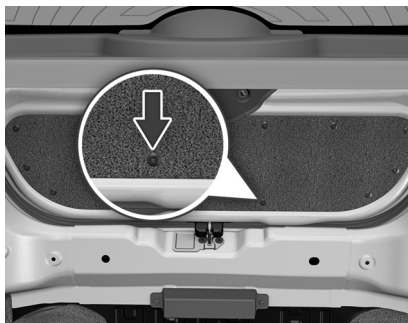
### **i** NOTE

*In case if tailgate gets stuck or unable to operate. Please contact the nearby TATA MOTORS Authorised Service Center.*

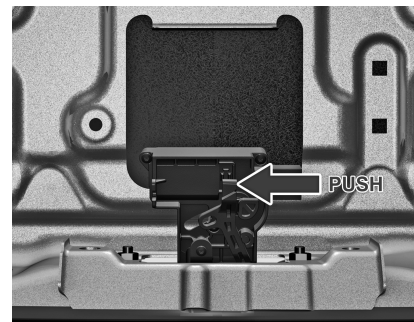
### **Emergency Tailgate Opening (If equipped)**

In case of electrical malfunction, you can unlock the tailgate from inside as per procedure given below:

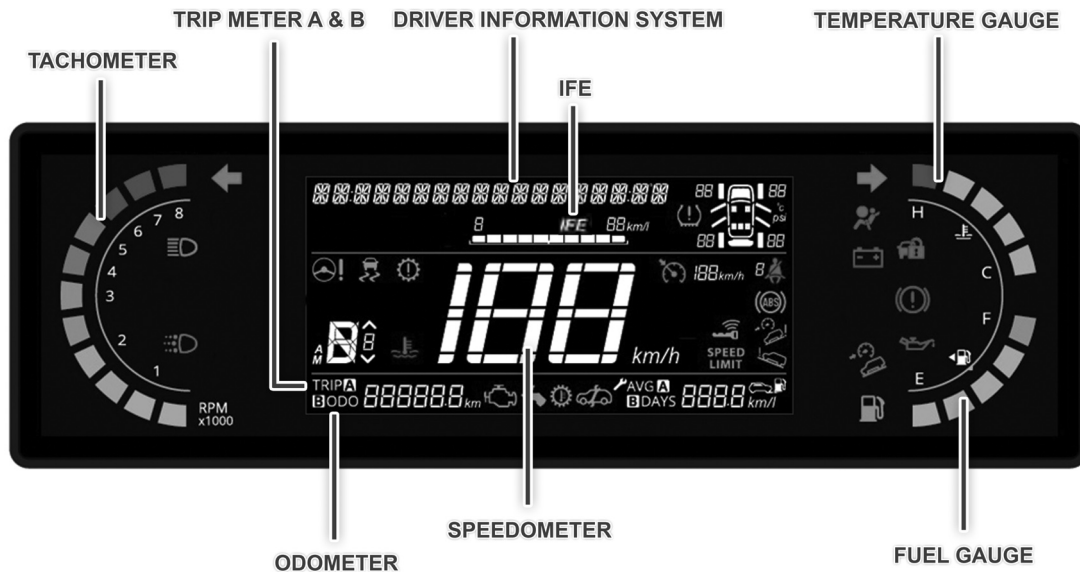
1. Fold the rear seat to access the tail gate opening lever.
2. Remove the tailgate trim cover by removing clips.



3. Push the lever to open the tailgate



DIGITAL DISPLAY (5" INCH) (IF EQUIPPED)



*Note: All parameters may or may not be applicable to your vehicle*


## INSTRUMENT CLUSTER

| Gauge       | Information   | Note/Warning   |
|-------------|---|--|
| Speedometer | The Speedometer Indicates the actual vehicle speed in km/h  | <ul style="list-style-type: none"> <li>At every key IN and Ignition ON, the speedometer Bar moves to MAX and return to '0' position.</li> <li>This is welcome strategy and self-check feature</li> </ul>   |
| Tachometer  | Tachometer indicates the engine speed in revolutions per minute.  | <ul style="list-style-type: none"> <li>Whenever engine is accelerated beyond safe RPM, tachometer Bar Indication turns RED. In such case, reduce the engine RPM immediately.</li> <li>Never drive the vehicle with engine in high RPM. This may cause severe engine damage.</li> </ul>   |
| Odometer    | Odometer Indicates distance traveled by vehicle.  | <ul style="list-style-type: none"> <li>The odometer reading does not return to 0 when maximum value is reached, the display will freeze to maximum value.</li> </ul>   |
| Fuel Gauge  | <p>When the ignition switch is in "ON" position, fuel gauge gives an approximate indication of the amount of fuel in the fuel tank. "F" stands for full and "E" stands for Empty.</p> <p>When fuel in the tank is near to empty position, low fuel warning telltale turns Amber. Refill the tank as soon as possible.</p> <p>At every key in and Ignition ON, Fuel Gauge Bar move to F and come back to E position. This is welcome strategy.</p> | <ul style="list-style-type: none"> <li>On inclines, curves, during braking and sudden acceleration due to the movement of fuel in the tank, the fuel level display may fluctuate or the low fuel level warning lamp may turns ON/OFF earlier or delayed than usual.</li> <li>When the ignition switch is in "ON" position, this gauge gives an approximate indication of the amount of fuel in the fuel tank and it takes few seconds to stabilize after the ignition is turned ON.</li> </ul> |



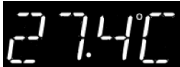
| Gauge                      | Information   | Note/Warning   |
|----------------------------|---|--|
| Temperature Gauge          | <p>When the ignition switch is in the "ON" position, this gauge indicates the engine coolant temperature. The indicator should be within normal, acceptable temperature range i.e., between "H" and "C". If the indicator approaches "H", overheating is indicated by red LED bar in case of 5".</p> <p>The RED bar and High Coolant temp warning telltale indicates overheating that may damage the engine. Continuing to drive the vehicle when engine overheating is indicated can result in severe engine damage or fire.</p> | <ul style="list-style-type: none"> <li>• If the coolant temperature reading is very high, The Engine coolant temperature telltale flashes with an audible buzzer.</li> <li>• In this case, stop the vehicle, switch 'OFF' the engine and cool it down for some time. Contact a nearest TATA MOTORS Authorised Service Center immediately for rectification.</li> </ul> |
| Instantaneous Fuel Economy | <p>It indicates fuel economy of current drive when Ignition is turned 'ON'. The display does not show actual value unless vehicle is moving.</p>  | <ul style="list-style-type: none"> <li>• IFE will vary frequently as per driving pattern.</li> <li>• The IFE display does not show Fuel Economy of last drive.</li> <li>• The indication on the display may be delayed if fuel consumption is affected by driving pattern.</li> </ul>  |
| Trip Meter A & B           | <p><b>Trip Meter A</b><br/>Trip A Indicates distance traveled by vehicle since last reset within the range of 0 km to 9999.9 km with the resolution of 0.1 km.</p> <p><b>Trip Meter B</b><br/>Trip B Indicates distance traveled by vehicle since last reset within the range of 0 km to 9999.9 km with the resolution of 0.1 km.</p>   | <ul style="list-style-type: none"> <li>• Trip A can be RESET to 0 by pressing long press OK switch when display is in a TRIP A mode.</li> <li>• Trip B can be RESET to 0 by pressing long press OK switch when display is in a TRIP B mode.</li> </ul>   |

## INSTRUMENT CLUSTER


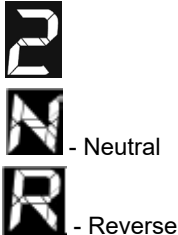
### Driver Information System

| Driver Information | System Image  | Description  |
|--------------------|---|--|
| Service reminder   |  | <p>There are two types of service reminder</p> <p>By Kms: The service reminder shall come at every 10000 kms and it's telltale shall be pop up before 500kms of due (i.e. 10000-500=9500km) and it shall be subtracted from the distance travelled.</p> <p>By Days:</p> <p>The service reminder shall come at every 365 days, and it shall be pop up before 30 days of due time(i.e. 365-30=335 days) and it shall be subtracted from the days crossed.</p> <p>By Kms overdue</p> <p>The service reminder overdue shall come if the due km is crossed and it's text alert shall be displayed in every IGN ON.</p> <p>By days overdue</p> <p>The service reminder overdue shall come if the due days is crossed and it shall be displayed in every IGN ON.</p> <p>Note:</p> <p><i>Take it to the authorized TATA service station between the regular intervals of service reminder notification Days/Km in the screen and do not reset the service reminder before the service, and it shall be reset by the Authorized person during the service</i></p> |


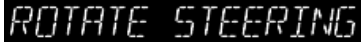


## INSTRUMENT CLUSTER

| Driver Information          | System Image  | Description  |
|-----------------------------|---|--|
|                             |   | <p>Reset Process:<br/>           User can select Service Reminder DIS Screen by pressing UP/DOWN switch. After shifting to service page, user can reset the Service Reminder by long press of 'OK' button. After long press Service Reminder due Kilometers shall start blinking, this time user must release the 'OK' button and again Long press 'OK' button unless service reminder gets reset. – Above mentioned data is correct, replace complete data with above data.</p> |
| Gear Recommendation         |  | <p>Up or down arrow will be displayed on DIS to shift a gear up or down.<br/>           No arrow shall be displayed when the selected gear is as per the Vehicle dynamics.<br/> <b>NOTE:</b> Following the recommended Gear shall result into a better Fuel Economy.</p>   |
| Door Ajar                   |  | <p>All four door and trunk lid are indicated independently when respective door or trunk lid is open.<br/> <b>NOTE:</b> If any other door is open roof lamp will be 'ON' provided that roof lamp switch is on door position.</p>   |
| Outside Ambient Temperature |  | <p>Displays outside ambient temperature in °C.<br/> <b>NOTE:</b> The temperature sensor is in the front bumper of the vehicle, therefore the temperature reading can be affected by heat reflection from the road surface, engine</p>  |





## INSTRUMENT CLUSTER

| Driver Information      | System Image  | Description  |
|-------------------------|---|--|
|                         |   | <p>heat and the exhaust from surrounding traffic. This can cause an incorrect temperature reading when speed is under low speeds or when stopped.</p> <p>If display shows ' - - ', take your car to TATA MOTORS Authorised Service Center.</p>   |
| Clock                   |  | <p>When the ignition switch is in the "ON" position, it shows the time 12 Hours or in 24 Hours mode as per selection.</p> <p><b>Note:</b> 1. You can do clock settings in Infotainment system when Infotainment is present in the vehicle.<br/>2. Whenever the battery terminals or related fuses are disconnected and reconnected user must reset the clock time. This feature is available when ignition switch is in ON position.</p> |
| Current Gear Indication |  | <p>Current gear engaged by the transmission shall be displayed on DIS. This feature is applicable to Manual transmission variant.</p> <p>In case of Manual transmission, the gear display is as per the User selection.</p>  |



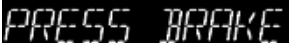


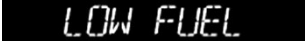
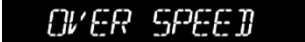

## INSTRUMENT CLUSTER

| Driver Information                             | System Image  | Description  |
|--|---|--|
|  |   | <p><b>Note:</b> If  is displayed, it means 'Fault' condition. In such case, take vehicle to TATA MOTORS Authorised service Center. In case of Manual Transmission the Gear number will be displayed when the clutch is fully released.</p>   |
| Rotate Steering                                |  | <p>"ROTATE STEERING" text warning comes 'ON' for 4 seconds when electronic steering column is in locked state. Rotate Steering slightly (left or right) to unlock it.</p> <p><b>Note:</b><br/>If text warning "ROTATE STEERING" is displayed even after rotating the steering, it means 'Faulty' condition. In such case, take vehicle to TATA MOTORS Authorised Service Center.</p> |
| Transmission Overheat Indication (if Equipped) |  | <p>Illuminates momentarily when ignition is switched 'ON'. Illuminates continuously when there is a High Temperature of AMT System.<br/>Contact a TATA MOTORS Authorised Service Center immediately.</p>   |
| Front Seat Belt Indicator (if equipped)        |  | <p>If driver and Passenger is present and seat belt is not buckled and IGN is ON then Telltale will be ON as initial warning with No audio chime.<br/>If any driver and Passenger seat belt remains unbuckled and vehicle speed goes around 15 km/ hr, then Seat belt telltale will also start flashing along with audio alarm during</p>  |









## INSTRUMENT CLUSTER

| Driver Information                     | System Image  | Description   |
|--|---|---|
|  |   | <p>Final Warning.<br/> <b>Note:</b><br/>           Once the seatbelt are fastened the buzzer and warning lamp turns OFF. Seatbelt reminder remains OFF when reverse gear is engaged.</p>  |
| Rear Seat belt Indicator (if equipped) |  | <p>The seat belt warning lamp turns on in case seat is occupied and seatbelt is not buckled. Warning lamp will be ON continuously.</p> <p>When reverse gear is engaged and seat is occupied and seatbelt is unbuckled, only visual warning will be given. If reverse gear is disengaged, thereafter forward gear is re-selected and vehicle speed is below 10Km/h, visual warning turns ON and above 10 kmph audio warning start alarming for 35 sec.</p> |
| Gear Display (For AMT if equipped)     |  | <p>Current gear engaged by the transmission shall be displayed on Display Screen along with D. This feature is applicable to AMT variant.</p> <p>Note: If  is displayed, it means 'Fault' condition. In such case, take vehicle to a TATA MOTORS Authorised service Center.</p>  |
| Key batt low (for PEPS, if equipped)   |  | <p>"KEY BATT LOW" text warning comes 'ON' for 4 seconds when UID key battery is low.</p>  |





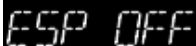

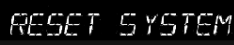


## INSTRUMENT CLUSTER

| Driver Information                          | System Image  | Description   |
|---|---|---|
| Key out of range<br>(for PEPS, if equipped) |  | "KEY OUT OF RANGE" text warning comes 'ON' for 4 seconds when UID key is not inside the vehicle.  |
| Press Clutch<br>(for PEPS, if equipped)     |  | "PRESS CLUTCH" text message comes 'ON' for 4 seconds when clutch is not pressed to crank the vehicle.<br><b>Note:</b> This text warning is applicable for MT vehicle. |
| Press Brake<br>(for PEPS, if equipped)      |  | "PRESS BRAKE" text message comes 'ON' for 4 seconds when BRAKE is not pressed to crank the vehicle.<br><b>Note:</b> This text warning is applicable for AMT vehicle.  |
| Service due                                 |  | "SERVICE DUE" text warning comes 'ON' for 4 seconds when service is overdue.  |
| Low brake fluid                             |  | "LOW BRAKE FLUID" text warning comes 'ON' for 4 seconds when brake fluid is low.  |
| Low fuel                                    |  | "LOW FUEL" text warning comes 'ON' for 4 seconds when low fuel warning telltale comes 'ON' and fuel level is low.   |
| Over speed (if equipped)                    |  | "OVER SPEED" text warning comes 'ON' for 4 seconds when display speed crosses 120 Km/Hr.  |
| Take a break                                |  | "TAKE A BREAK" text warning comes 'ON' for 4 seconds when driver drives continuously for prolonged duration.  |





## INSTRUMENT CLUSTER

| Driver Information                                      | System Image  | Description   |
|---|---|---|
|   |   | <b>Note:</b> "TAKE A BREAK" text warning comes 'ON' for 4 seconds again with specific duration if vehicle is not stopped and continuously driven. |
| Engine locked   |  | "ENGINE LOCKED" text warning comes 'ON' for 4 seconds when engine is unable to crank.   |
| Happy Birthday (if equipped)                            |  | "HAPPY BIRTHDAY" text comes 'ON' for 4 seconds on owner's birthday.   |
| HDC Active (if equipped)                                |  | "HDC ACTIVE" text warning comes 'ON' for 4 seconds when hill descent control function is active.  |
| HDC deactivate (if equipped)                            |  | "HDC DEACTIVE" text warning comes 'ON' for 4 seconds when hill descent control function is deactivated.   |
| TPMS ERROR VISIT SERV CENT - Text Warning (if equipped) |  | TPMS ERROR VISIT SERV CENT" text warning comes 'ON' for 4 seconds when pressure monitoring system malfunction                                     |
| TURN IGN OFF AND ON AGAIN - Text Warning (if equipped)  |  | "TURN IGN OFF AND ON AGAIN" text warning comes 'ON' for 4 seconds when DCT Auth failure warning is present.                                       |
| DCA FAULT - Text Warning (if equipped)                  |  | "DCA FAULT" text warning comes 'ON' for 4 seconds when failure detected in DCT System   |
| STAY IN D FOR 20 S - Text Warning (if equipped)         |  | "STAY IN D FOR 20 S" text warning comes 'ON' for 4 seconds to inform user to stay vehicle in Drive mode for 20sec                                 |




## INSTRUMENT CLUSTER

| Driver Information                                   | System Image   | Description   |
|--|--|---|
|  |   |   |
| DCA HIGH TEMP - Text Warning (if equipped)           |   | "DCA HIGH TEMP" text warning comes 'ON' for 4 seconds when DCT temp reached above threshold value   |
| SHIFT DENIED - Text Warning (if equipped)            |   | "SHIFT DENIED" text warning comes 'ON' for 4 seconds when user selected gear denied from DCT system   |
| AUTO MODE -Text Warning (if equipped)                |   | "AUTO MODE" text message comes 'ON' for 4 Seconds when it is activated in DCT system.   |
| ESP OFF  |   | "ESP OFF" text message comes 'ON' for 4 seconds when ESP is made off.   |
| FILL AIR RESET SYSTEM- Text Warning (if equipped)    | <br> | "FILL AIR RESET SYSTEM" text message comes 'ON' for 4 seconds when Tyre pressure Low Detected by iTPMS.   |
| TPMS - Tyre Pressure Monitoring System (if equipped) |   | Tyre pressure information for individual tyre with pressure values will be displayed with "psi" unit on DIS if tyre pressure is within defined range.                 |
| TPMS - Tyre Pressure Monitoring System               |   | Tyre pressure value of respective Tyre and Tyre symbol will blink if Tyre pressure is low. Tyre pressure values will be displayed with "psi" unit for remaining tyres |

## INSTRUMENT CLUSTER



| Driver Information                                   | System Image   | Description  |
|--|--|--|
| (if equipped)  |  <p>CHECK TYRE<br/>PRESSURE</p>                             | <p>“CHECK TYRE“ for 1s and “PRESSURE” for another 1s text warning comes ON for 2cycle within 4secs if Tyre pressure is LOW.</p>  |
| TPMS - Tyre Pressure Monitoring System (if equipped) |  <p>32 32<br/>32 38<br/>psi<br/>CHECK TYRE<br/>PRESSURE</p> | <p>Tyre pressure value of respective Tyre and Tyre symbol will blink if Tyre pressure is High.<br/>Tyre pressure values will be displayed with “psi” unit for remaining tyres.<br/>“CHECK TYRE“ for 1s and “PRESSURE” for another 1s text warning comes ON for 2 cycle within 4 secs if tyre pressure is HIGH.</p> |
| TPMS Tyre Pressure Monitoring System (if equipped)   |  <p>AL 30<br/>32 AL<br/>psi<br/>CHECK TYRE<br/>PRESSURE</p> | <p>Text warning “AL” near to respective tyre and tyre symbol will blink if air is leakage.<br/>Tyre pressure values will be displayed with “psi” unit for remaining tyres.<br/>“CHECK TYRE” for 1s and “PRESSURE” for another 1s text warning comes ON for 2 cycle within 4 secs if air is leakage.</p>            |
| TPMS Tyre Pressure Monitoring System (if equipped)   |  <p>41 31<br/>30 32<br/>C</p>                               | <p>Text warning “HI” near to respective tyre and tyre symbol will blink if tyre temperature is High.<br/>Tyre temperature values will be displayed with °C unit for remaining tyres.</p>   |

## INSTRUMENT CLUSTER

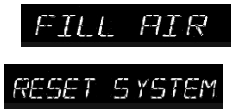

| Driver Information  | System Image  | Description   |
|---|---|---|
|   |  <p>The display shows the text "HIGH TYRE" on the top line and "TEMPERATURE" on the bottom line in a white, blocky font on a black background.</p>   | <p>"HIGH TYRE" for 1s and "TEMPERATURE" for another 1s text warning comes ON for 2 cycle within 4 secs if tyre temperature is High.</p>   |
| <p>TPMS<br/>Tyre Pressure Monitoring System<br/>(if equipped)</p> |  <p>The display shows a top-down car icon with four vertical bars representing sensors at the wheel positions. Below the icon, the text "TPMS ERROR" is displayed in a white, blocky font on a black background.</p> | <p>Text warning "--" near to respective tyre and tyre symbol will blink if sensor has fault/missing.<br/>Tyre pressure values will be displayed with "psi" unit for remaining tyres.<br/>"TPMS ERROR" text warning comes ON for 4 seconds when TPMS sensor has fault.<br/><b>Note:</b><br/>If text warning "--" is displayed, it means "fault/missing" condition. In such case, take vehicle to TATA MOTORS Authorised Service Center</p> |
| <p>TPMS<br/>Tyre Pressure Monitoring System<br/>(if equipped)</p> |  <p>The display shows a top-down car icon with four vertical bars representing sensors at the wheel positions. Below the icon, the text "TPMS ERROR" is displayed in a white, blocky font on a black background.</p> | <p>Text warning "—" near to all the tyre and tyre symbol will blink if TPMS system has fault/missing.<br/>"TPMS ERROR" test warning comes ON for 4 seconds when TPMS system has fault.<br/><b>Note:</b><br/>If text warning "--" is displayed, it means "fault/missing" condition. In such case, take vehicle to TATA MOTORS Authorised Service Center.</p>   |



## INSTRUMENT CLUSTER

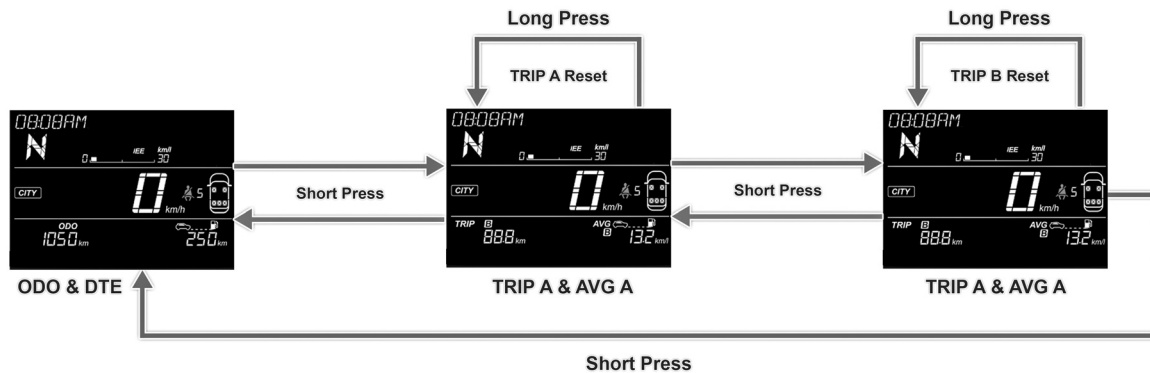
| Driver Information                 | System Image  | Description  |
|------------------------------------|---|--|
|                                    |   | <p>The display does not show actual value unless vehicle is moving.</p> <p>The indication on the display may be delayed if fuel consumption is affected by driving pattern.</p> <p>For km/l setting, the indicated maximum value of INST FE is 30 km/l. No more than 30 shall be indicated on the display even if the actual INST FE is higher than 30 km/l.</p>   |
| Distance To Empty                  |  | <p>It indicates approximate distance in 'km' that your vehicle can travel with available fuel in tank.</p> <p>DTE values may vary significantly based on driving conditions, driving habits, and condition of the vehicle. It is an estimate value of the available driving distance.</p> <p>The DTE will update with new value when fuel is added more than 7 litre at a time.</p> <p>If low fuel warning light turns 'ON', fill the fuel tank immediately regardless the value of displayed DTE.</p> <p>If vehicle is not on level ground or negative of battery has been disturbed, the DTE function may not operate correctly.</p> <p>Note:<br/>If DTE is displayed as '—', take vehicle to TATA MOTORS Authorised Service Center.</p> |
| Full Isolation iTPMS (If equipped) |  | <p>Text warning "LO" near to respective tyre and tyre symbol will blink if tyre Pressure is Low.</p>   |

## INSTRUMENT CLUSTER

| Driver Information | System Image  | Description  |
|--------------------|---|--|
|                    |  | "FILL AIR" for 1s and "RESET SYSTEM" for another 1s text warning comes ON for 2cycle within 4secs if tyre Pressure is Low. |
| TATA MOTORS        |  | "TATA MOTORS" text warning comes 'ON' for 4 seconds when ignition is turned 'ON'.<br>This is part of the welcome strategy. |

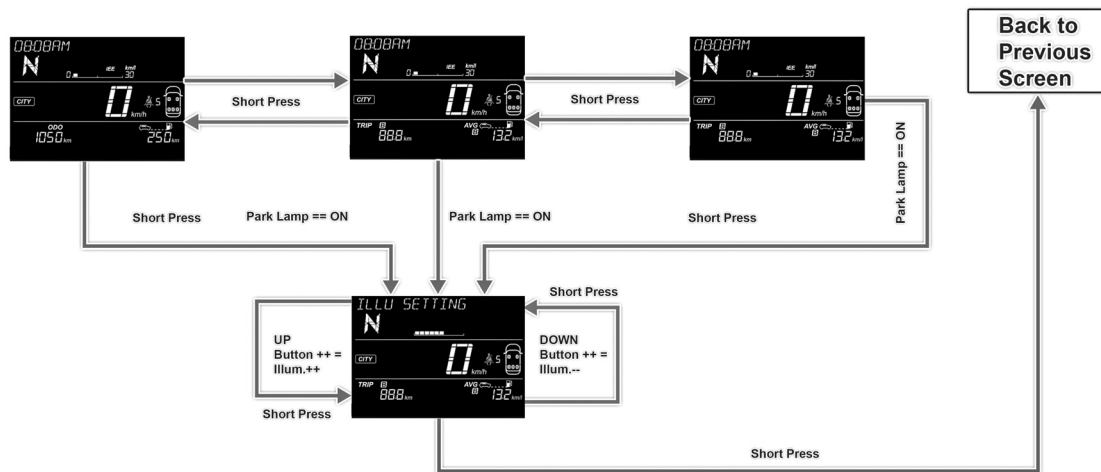
Driver Information System (DIS) Setting (if equipped)

Screen Setting

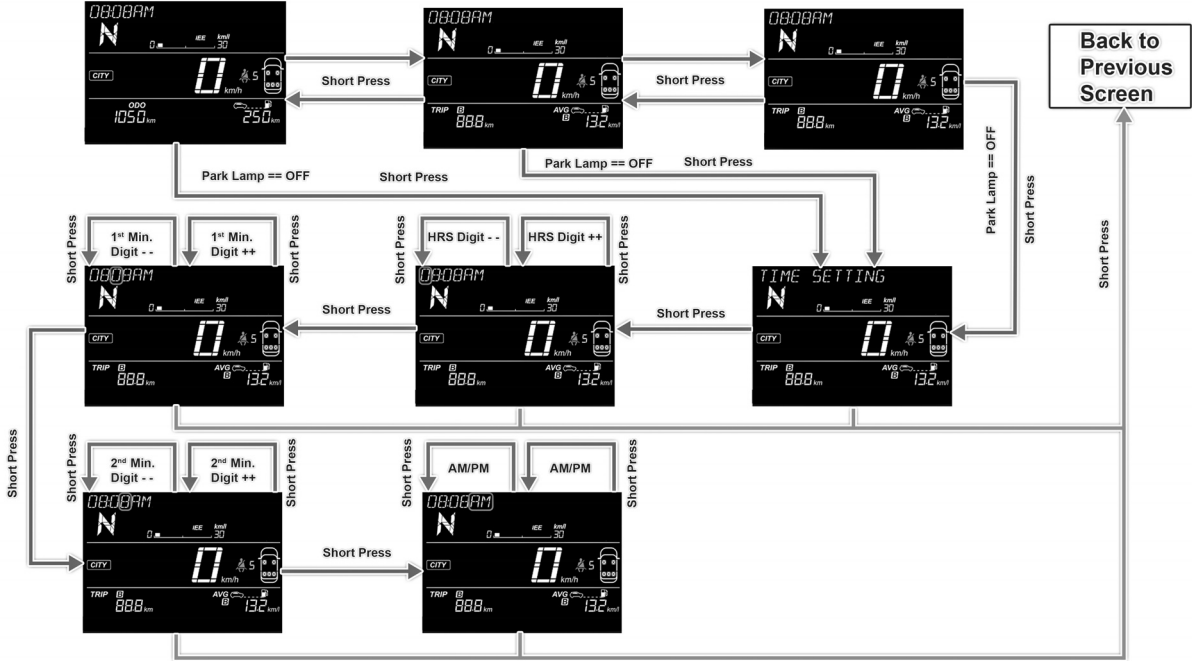


# INSTRUMENT CLUSTER

## Illumination And Clock Setting

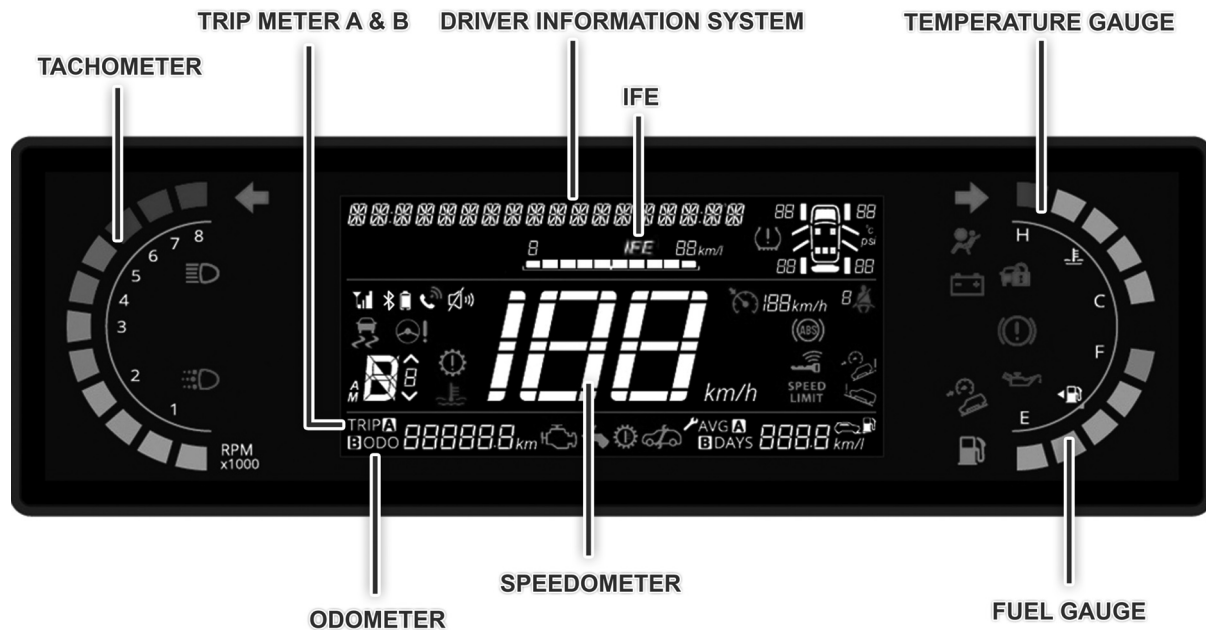


Clock Setting



## INSTRUMENT CLUSTER

### BLUETOOTH INTEGRATED INSTRUMENT CLUSTER (If equipped)



*Note: All parameters may or may not be applicable to your vehicle*

Your vehicle is equipped with Bluetooth Integrated Instrument cluster that allows user to:


- Make and receive hands-free calls
- Missed call count display
- Stream music wirelessly
- View caller information on the instrument cluster
- Receive message notifications
- Control audio and calls using Steering Wheel control (SWC) Switches.

### Supported Features

| Sr. No. |  |   |
|---------|--|---|
| 1       | Bluetooth Connectivity Display                       | Mobile devices running Android 4.3 or higher and iOS 10 or higher can connect to the IPC Bluetooth module. When a mobile device is connected, the Bluetooth icon and a text message are displayed on the cluster. After a connection is established with a paired device, the Bluetooth icon is shown on the LCD. |
| 2       | Smart Phone pairing                                  | A process of establishing a secure wireless connection between the Vehicle Inst. Cluster Bluetooth system and a smart phone.  |
| 3       | Auto reconnection                                    | A previously paired device reconnects automatically within 30 sec when: <ul style="list-style-type: none"> <li>• Bluetooth is enabled on mobile.</li> <li>• Device is within range (approx. 10 m).</li> <li>• No other device is connected</li> </ul>   |
| 4       | Hands-Free Calling for Incoming call & outgoing call | Once connected, all call information is displayed on the cluster. The system allows the driver to make and receive phone calls using the Steering Wheel   |

## INSTRUMENT CLUSTER

| Sr. No. |   |  |
|---------|---|--|
|         |   | Control (SWC) switches.  |
| 5       | Conference call/Call ON-Hold notification | The vehicle cluster displays a conference call when the user merges two or more active calls. When an active call is put on hold, the cluster displays the message "CALL ON-HOLD."   |
| 6       | Music info display                        | The cluster displays the track title (song name), artist name, and track elapsed time while music is being played on a connected smartphone via Bluetooth.   |
| 7       | Missed call info                          | An incoming call that is not answered or is rejected is counted as a missed call, and the missed call counter resets after an ignition cycle or a Bluetooth disconnection.   |
| 8       | Message notification display              | Message Notification Display on Cluster alerts the driver when a new SMS or supported message notification is received on the connected mobile device.   |
| 9       | Bluetooth Reset                           | <p>Long-press the SOURCE button from steering wheel for 5–10 seconds to reset Bluetooth.</p> <p>The reset deletes all stored pairing and bonded device information. After reset, the cluster will not automatically reconnect to previously paired devices.</p> <p>A new pairing process with the IPC is required to establish a connection again.</p> |
| 10      | One-Hour Power Mode                       | <p>If Ignition is turned OFF while a phone is connected:</p> <ul style="list-style-type: none"> <li>• Bluetooth remains active for up to 60 minutes.</li> <li>• Calls and music can continue.</li> </ul>   |

| Sr. No. |                      |   |
|---------|----------------------|---|
|         |                      | <ul style="list-style-type: none"> <li>• Caller details and music information remain visible.</li> <li>• If a call is active when the one-hour power mode expires, the mode is extended for an additional 30 minutes or until the call is terminated, whichever occurs first.</li> </ul>  |
| 11      | Pre-Shutdown Warning | <p>Before system turns off:<br/>                     “IPC WILL TURN OFF” Text warning will be displayed before end of 1-hour mode or extended mode.</p> <p>After the one-hour power mode elapses, Bluetooth is turned off, the amplifier is turned off, and the cluster enters sleep mode.</p>  |
| 12      | Music Streaming      | <p>Supported application: Native music player- Android or IOS app</p> <p>Once connected:</p> <ul style="list-style-type: none"> <li>• Audio plays through vehicle speakers.</li> <li>• Track title and artist displayed (scrolling).</li> <li>• If the music app is closed by the user or no music is being played on the phone, the Cluster HMI will display “Not Provided” with a timestamp of 00:00</li> </ul>  |

## INSTRUMENT CLUSTER

### Bluetooth Pairing



1. Turn Ignition ON.
2. Short press the SOURCE button available on Steering Wheel Control (SWC) switches to enable Bluetooth advertisement on cluster (Note: Bluetooth module advertise up to 5 minutes only, if the user short press of source button.)
3. Enable Bluetooth on your mobile device and search for available devices.
4. Select device name displayed on mobile phones as: TMLBT0001.

5. A passkey will appear on both Instrument cluster and Mobile device, confirm both passkeys match.
6. Press PHONE ACCEPT on steering wheel.
7. The IPC Bluetooth module is connected with mobile device Bluetooth icon & text message will be displayed in the cluster.

#### **i** NOTE

- Only one device can be connected at a time.
- Previously paired device reconnects automatically, if phone is within the range of the system.
- The system supports a maximum of 8 paired devices.

#### Do's And Don'ts

##### Do's

- Do use hands-free calling features responsibly.
- Do pair your mobile device only when the vehicle is stationary.

- Do ensure Bluetooth is enabled on your mobile device.
- Do keep your mobile device within approximately 10 meters for stable connection.
- Do grant necessary permissions (contacts, notifications) on your mobile device for full functionality.
- Do delete paired devices before selling or transferring the vehicle.
- Do update your mobile software regularly for improved compatibility.
- Do use Steering Wheel Controls for safer operation while driving.

##### Don'ts

- Do not operate or configure your mobile phone while driving.
- Do not attempt pairing while the vehicle is in motion.
- Do not connect multiple devices simultaneously (only one active connection is supported).
- Do not install unauthorized accessories or modify the Bluetooth system.

- Do not rely solely on message notifications while driving.
- Do not keep Bluetooth continuously active on unused devices to avoid unwanted auto connections.
- Do not expose the system to liquids or tamper with cluster wiring.
- Do not assume all mobile applications will support metadata or notification display.





- *For any functional issue, please get it checked by the nearest TATA MOTORS Authorized Service Centre.*




### **i** NOTE

- *Vehicle notifications have highest priority and override all other messages (connection/disconnection).*
- *Connectivity notifications are shown only when no vehicle notifications are active.*
- *Music information is displayed only when there are no vehicle or phone notifications.*
- *System performance may vary depending on phone model and software version.*






## INSTRUMENT CLUSTER

### WARNING AND INDICATORS





| Warning Lamps                     | Color | Indicator   | Remarks  |
|-----------------------------------|-------|---|--|
| Malfunction Indication Lamp (MIL) | Amber |  | <ol style="list-style-type: none"><li>1. The lamp comes on when ignition is switched 'ON'. Once engine is started, it turns 'OFF'.</li><li>2. It remains 'ON' for any engine related fault that may increase emission levels of the vehicle beyond the regulatory norms. Contact the TATA MOTORS Authorized Dealer/Service Center for rectification</li></ol>  |
| Check Engine Lamp                 | Amber |  | <ol style="list-style-type: none"><li>1. The lamp comes on when ignition is switched 'ON'. Once engine is started, it turns 'OFF'.</li><li>2. Illuminates continuously if a fault arises in Engine Management System. Contact the TATA MOTORS Authorized Dealer/Service Center.</li></ol>  |
| Immobilizer (if equipped)         | Red   |  | <ol style="list-style-type: none"><li>1. The lamp comes on when the system disables the engine start if the original key is not used.</li><li>2. Lamp blinks: Vehicle is in immobilized condition when key is not inserted.</li><li>3. Lamp ON: Problem with key/system. Contact TATA MOTORS</li><li>4. Lamp OFF: Normal condition (Authenticated user) and engine will start.</li></ol>   |
| Turn Signal                       | Green |  | <p>Indicates direction indicated by the turn signal.</p> <p>While you operate the left/right turn indicator, the turn signal blinks along with the buzzer (when ignition is 'ON'). The direction indicator arrow on the instrument cluster flashes along with the selected external indicator lights. Both tell-tale lights will blink simultaneously when the hazard switch is pressed irrespective of whether the ignition ON or OFF. A tick-tock sound will be heard in both cases.</p> |

| Warning Lamps              | Color | Indicator   | Remarks  |
|----------------------------|-------|---|--|
| High Beam                  | Blue  |  | The lamp comes on when the high beam headlamps are switched 'ON' or flashed.   |
| Low Oil Pressure indicator | Red   |  | <ol style="list-style-type: none"> <li>1. The lamp comes on when ignition is switched 'on' and goes 'off' once required engine oil pressure is developed after starting the engine.</li> <li>2. If the low oil pressure indicator does not glow or remains 'on' when the engine is running, it indicates a fault either in the electrical circuit or in the lubrication system.</li> <li>3. Stop the vehicle safely as soon as possible and turn off the engine. Restart the engine to check whether the issue continues. If yes, turn off the engine immediately and contact the nearest TATA MOTORS Authorized Service Centre to rectify the issue.</li> </ol> <p><b>Caution:</b> Running the engine with the engine oil pressure warning lamp glowing could cause serious damage to the engine.</p> |
| Battery charging           | Red   |  | <p>The lamp comes on when ignition is switched 'ON'. Once engine is started, it turns 'OFF'.</p> <p><b>Note:</b><br/>If it remains 'ON' while the engine is running, it indicates that the battery is not getting charged or having the lower charge. In such cases, attempt to charge the battery with 3000 engine rpm for 15 min and see if battery tell-tale goes off after one ignition ON- OFF. Even after 15 minutes, charging the battery telltale keeps 'ON' then switch off all unnecessary electrical equipment and contact the nearest TATA motors authorized service center.</p>   |





## INSTRUMENT CLUSTER




| Warning Lamps                                  | Color | Indicator   | Remarks  |
|--|-------|---|--|
| Airbag status                                  | Red   |  | The lamp comes on when ignition is switched 'ON' and goes 'OFF'.<br><b>Note:</b> If it continuously blinks then contact the TATA MOTORS Authorized Dealer/Service Center immediately.  |
| Park Brake / Brake Fluid Low / EBD malfunction | Red   |  | The lamp comes on momentarily when ignition is switched 'ON'. Once parking brake is released, it turns 'OFF'. If it remains 'ON', then it indicates:<br>1. Brake fluid level is low.<br>2. Park brake is applied. It shall go 'OFF' when it is released.<br>3. ABS / EBD malfunctioning.   |
| Cruise Control lamp (if equipped)              | Green |  | The Cruise lamp with Cruise speed comes on when ignition is switched 'ON' for 4 sec.<br>Cruise control monitors and displays target Vehicle Speed of the Vehicle in Cruise Active mode to the user   |
| AMT Fault (if equipped)                        | Amber |  | The Illuminates momentarily when ignition is switched 'ON'.<br>Illuminates continuously when there is a fault in Automatic Manual Transmission system. Contact a TATA MOTORS authorized Service Centre immediately.  |
| High Coolant Temperature                       | Red   |  | The lamp comes on when ignition is switched 'ON'. Once engine is started, it turns 'OFF'.<br>If the engine overheats due to higher coolant temperatures, this indicator blinks along with an audible buzzer. Contact your nearest TATA MOTORS authorized service Centre immediately. When the engine coolant temperature reaches the maximum limit, the tell-tale lights blink with a RED colour and you will hear an audio warning. |

## INSTRUMENT CLUSTER

| Warning Lamps                              | Color | Indicator   | Remarks  |
|--|-------|---|--|
|  |       |   | <p><b>Note:</b> Do not remove the radiator pressure cap from the radiator when the engine is hot. Do not restart the engine until the problem has been duly attended.</p>  |
| ABS  | Amber |  | <p>The Lamp illuminates when ignition is switched 'ON' and goes 'OFF' in 3 seconds.</p> <p>Illuminates continuously if there is any malfunction in ABS. Normal braking system will be operational without assistance of ABS. Contact the TATA MOTORS Authorized Service Centre immediately.</p>  |
| Low Fuel indicator                         | Amber |  | <p>The lamp comes on when ignition is switched 'ON'. Once engine is started, it turns 'OFF'.</p> <p>The symbol lights up continuously if fuel level in the tank is low. Fuel needs to be filled immediately.</p> <p><b>Note:</b><br/>The tell-tale warning light will start flashing if there is any fault in the fuel system. Contact the nearest TATA MOTORS Authorized Dealer/Service Center immediately.</p> |
| EPAS<br>(if equipped)                      | Amber |  | <p>Illuminates momentarily when ignition is switched 'ON'.</p> <p>Illuminates when there is a fault in the EPAS. Contact a TATA MOTORS Authorized Service Centre immediately.</p>  |
| Daytime running lamps<br>DRL (if equipped) | Green |  | <p>The lamp comes on when ignition is switched 'ON'. Once engine is started, it turns 'OFF'.</p> <p>This lamp comes on when the Daytime Running lamp is 'ON'.</p> <p><b>Note:</b> Parking lamp should be on to start the DRL lamp.</p>   |

## INSTRUMENT CLUSTER

| Warning Lamps   | Color       | Indicator   | Remarks  |
|---|-------------|---|--|
| Press Clutch /Brake Pedal to Start Engine (if equipped) | Amber       |  | This lamp comes on with IGN ON till user presses the clutch pedal to start the engine.   |
| Door Ajar lamp  | White / Red |  | All four door and Tail gate are indicated independently when the respective door or tail gate is open.   |
| Key Not Detected (if equipped)                          | Amber       |  | This lamp comes on when the Valid Smart key is not detected inside the vehicle.<br><b>Note:</b> Refer PEPS section more details.   |
| Speed limit warning indicator                           | Amber       |  | When the vehicle speed crosses 80 kmph, then speed limit warning indicator turns 'ON' along with an audio chime for every two minutes (audible warning). When the vehicle speed is reduced below 75 kmph, then the speed limit warning indicator and the audio warning will turn off.<br>If vehicle speed crosses 120 kmph, the speed limit warning indicator flashes along with an audio warning for every two sec one beep (audible warning) until the vehicle speed is above 120 kmph.<br><br>When the vehicle speed is reduced below 115 kmph, then speed limit warning indicator turns 'ON' along with an audio chime for every two minutes one beep (audible warning). |

| Warning Lamps                                    | Color | Indicator   | Remarks  |
|--|-------|---|--|
| HHC warning lamp (if equipped)                   | Amber |  | Illuminates momentarily when ignition is switched 'ON'.<br>If continuously on then HHC, system is in fault condition. Please take your vehicle to TATA authorized service Centre at the earliest.  |
| Electronic Stability Program (ESP) (if equipped) | Amber |  | Illuminates momentarily when ignition is switched 'ON'.<br>If continuously ON then ESP system is at fault condition, Please take your vehicle to nearest TATA authorized service Centre at the earliest.   |
| TPMS (If equipped)                               | Amber |  | <ol style="list-style-type: none"> <li>1. This symbol comes ON and blink for 4 second if Tyre Pressure is LOW/HIGH, Tyre temperature is HIGH, Tyre air pressure leakage. After 4 second symbol will continuously ON till warning is present</li> <li>2. This symbol comes ON and blink for 20 second if TPMS system has fault and TPMS Sensor fault / missing. After 20 second symbol will continuously ON till fault is present, Please take your vehicle to nearest TATA authorized service center at the earliest.</li> </ol> |

## INSTRUMENT CLUSTER

### AUDIO REMINDER (if equipped)

| Sr. No | Feature  | Condition   | Reminder  |
|--------|--|---|---|
| 1      | If no key is detected in the vehicle (if equipped) | If the vehicle is in ACC ON/IGN ON and the customer takes the smart key out of the vehicle and closes the last door   | An audio warning will sound for nine times to alert that the key is not in the vehicle.<br><i>In this condition customer needs to bring the smart key inside the vehicle.</i>   |
| 2      | Driver Seat Belt Reminder                          | If seatbelt is not fastened and vehicle goes around 15 kmph   | Final audio warning will go on for 90 seconds. Seat belt tell-tale light will remain continuously ON when audio alarm is active.  |
| 3      | Co-driver Seat Belt reminder                       | If Co-driver has not fastened seatbelt and if vehicle speed goes around 15 kmph   | Final audio warning will go more than 90 seconds. Seat belt tell-tale light will remain continuously ON when audio alarm is active.<br>Fasten the seatbelt to stop audio warning.   |
| 4      | Rear Passenger Seat Belt Reminder                  | <ul style="list-style-type: none"> <li>• The seat belt warning lamp turns on for 60 sec in case seatbelt is not buckled. If speed exceeds 15kmph.</li> <li>• When reverse gear is engaged/disengaged, thereafter forward gear selected and               <ul style="list-style-type: none"> <li>• a. speed is below 10 kmph</li> <li>• b. speed is above 10 kmph</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Audio warning start alarming for 35 sec.</li> <li>• a. Visual warning turns on, b. Audio warning start alarming for 35 sec.</li> <li>• a. Visual warning turn on, b. Audio warning start alarming.</li> </ul> <p><i>Note: Fasten the seatbelt to stop audio warning.</i></p> |

## INSTRUMENT CLUSTER

| sr. No | Feature                                       | Condition  | Reminder  |
|--------|---|--|---|
|        |   | <ul style="list-style-type: none"> <li>• If rear door accidentally remains unlatched and               <ul style="list-style-type: none"> <li>• a. vehicle speed is below 10 kmph</li> <li>• b. if speed is above 10 kmph</li> </ul> </li> </ul> |   |
| 5      | Parking lamp 'ON' reminder (If equipped)      | If user forget to turn OFF the park lamp   | An audio warning will be started. Switched OFF the park lamps to stop the warning.  |
| 6      | Parking brake 'ON' reminder                   | If Park Brake is applied and vehicle is driven   | telltale will turn ON and buzzer provides audible warning if vehicle speed is above 5km / hrs continuously. Disengage the park brake to stop Audible warning.                             |
| 7      | Reverse Gear reminder (If equipped)           | If reverse gear is engaged   | The buzzer sound will alert you for 1 second.   |
| 8      | Steering wheel locked chime (If equipped)     | If steering wheel is locked in the vehicle   | Audio warning will be given to alert user   |
| 9      | AMT fault Reminder                            | If Fault occur in AMT  | 3 second audio warning will be given  |
| 10     | Tyre Pressure Monitoring System (If equipped) | <ul style="list-style-type: none"> <li>• If,               <ul style="list-style-type: none"> <li>• Tyre Pressure is low</li> <li>• Tyre Pressure is high</li> <li>• Tyre temperature is high</li> </ul> </li> </ul>                             | <ul style="list-style-type: none"> <li>• Audible warning for 4 second will be given to alert the user</li> <li>• Audible warning for 20 second will be given to alert the user</li> </ul> |

## INSTRUMENT CLUSTER

| Sr. No | Feature | Condition  | Reminder  |
|--------|---------|--|---|
|        |         | <ul style="list-style-type: none"><li>• Tyre air pressure leakage</li><li>• If, TPMS system has fault<br/>TPMS Sensor fault or missing</li></ul> | <i>Note: TPMS is not applicable for spare wheel</i> |


### STARTING AND STOPPING

#### Manual Transmission (MT)

##### Start To Drive

- Make sure that parking brake is engaged and vehicle is in neutral gear.
- Press the clutch pedal fully and crank the engine. Do not press the accelerator pedal when starting the engine.

#### NOTE

*The Starter protection system fitted in this vehicle does not allow you to crank the engine until you fully  press the clutch pedal.*

- Release the key as soon as the engine starts. Repeat if engine does not start.
- Press the clutch pedal fully and shift into 1st gear.
- After releasing the parking brake, gradually release the clutch and slowly press the accelerator.

#### NOTE

- *When shifting or starting, do not race the engine. Racing the engine can shorten engine life and affect smooth shifting.*
- *The Starter protection system switches off the starter when it is continuously cranked for more than 10 secs. In such a case, get the key back to 'OFF' position & wait for 30 secs.*
- *For vehicle equipped with turbocharger, after you start the engine, run the engine at idle speed for 30 seconds. Do not press accelerator pedal while starting the engine to avoid damage to the turbocharger.*

#### Stopping the Vehicle

#### WARNING

- Do not switch off the ignition while driving.

- For vehicle equipped with turbocharger, do not switch the engine off when it is running at high speed. This will lead to premature turbocharger bearing wear.
- If you switch off the ignition while driving, safety-relevant functions are only available with limitations, or not at all. This could affect the power steering and the brake boosting effect. You will require considerably more effort to steer and brake. There is a risk of an accident.

## STARTING AND DRIVING

### Automatic Manual Transmission (AMT)



AMT offers three Gear position in the Gear shifter:

1. Reverse Mode (R)
2. Neutral Mode (N)
3. Drive Mode (D)

#### Start To Drive

- Start the ignition to ON position.
- Press the brake pedal, rotate the rotary knob to Neutral position. Check “N” is displayed on cluster or ensure the Park

mode is ‘ON’ on the shifter, check ‘P’ is displayed on Instrument cluster.

- Now start the vehicle, release the parking brake.
- Based on requirement select the drive mode “D” or reverse mode “R” by rotary knob.
- Slowly release the brake pedal and vehicle will start moving.

#### **i** NOTE

*Engine can be cranked in Neutral/ Park gear only.*

#### Stopping The Vehicle

- Press the brake pedal regardless of gear position.
- Vehicle will come to halt.
- Bring the rotary knob from drive mode “D” to Neutral mode “N”.
- Apply parking brake, release the brake pedal.
- Turn the ignition OFF, vehicle will go in park mode.

### Engine Passive Start/stop



Start/Stop switch is provided on the dashboard towards the right side of steering wheel.

#### Start Stop Button

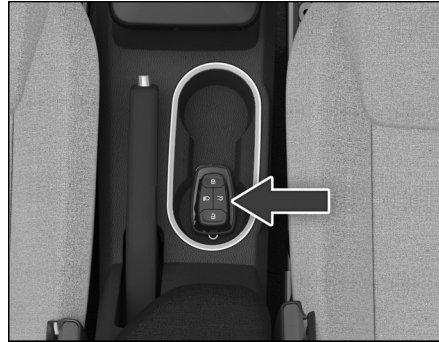
The start/stop button or Push to Start Button is a main component of Passive (Engine) Start and Stop system. It is used to control ACC, IGN outputs as well as to start and stop the engine.

### **i** NOTE

- If smart key is inside the vehicle and on pressing start stop switch, if start stop switch green LED blinks more than 10 sec. duration then contact authorized TATA MOTORS dealer.
- If ESCL (Electronic Column Steering Lock) is not unlocked properly, then vehicle doesn't go into ACC mode.

### Backup Start

To start the engine when smart key battery voltage is low, the user needs to press start/stop button two times with an interval of 2.5 seconds after pressing the clutch with valid smart key near immobilizer antenna



### Emergency Start

If the engine is switched from ON to OFF and start/stop button is pressed with clutch/brake in case of MT/AMT pressed within 5 seconds, engine gets cranked.

### **i** NOTE

*If ESCL (Electronic Column Steering Lock) is not unlocked properly, then Engine will not get cranked.*

### Engine Passive Start - Conditions

#### Single Press Start

1. Bring the smart key with you and sit in the driver seat.
2. Press the clutch/brake pedal in case of MT/AMT and then press the start/stop switch.
3. Green colour LED on start/stop button will turn ON.
4. Once engine is started successfully, the green colour LED on start/stop button stays ON.

#### Two Step Start

##### Step 1

1. Have the smart key with you and sit on the driver's seat.
2. Press the start/stop button without pressing clutch pedal.
3. Amber colour LED on start/stop switch turns ON.
4. Limited information will be displayed on instrument cluster. Engine remains OFF.

## STARTING AND DRIVING

### Step 2

1. Press the clutch pedal and then press start/stop button to start the engine.
2. Green colour LED on start/stop button will turn ON.
3. Once vehicle start successfully, green colour LED on start/stop switch will remain ON.

### Three Step Start

#### Step 1

1. Have the smart key with you and sit on the driver's seat.
2. Press the start/stop button without pressing clutch pedal.
3. Amber colour LED on start/stop button will turn ON.
4. Limited information will be displayed on instrument cluster. Engine remains OFF.

#### Step 2

1. Press the start/stop button without pressing clutch pedal again.
2. Green colour LED on start/stop button

will turn ON.

3. Vehicle will remain OFF but all electrical equipment and infotainment system can be used.

#### Step 3

1. Press the clutch pedal and then press start/stop button to start the vehicle.
2. Green colour LED on start/stop button remains ON.
3. Once the vehicle is started successfully, the green colour LED on start/stop button stays ON.

### Engine Passive Stop - Conditions

#### Single Press Stop

- Press the start/stop button with or without brake.
- ACC and IGN turns OFF.
- LED on start/stop switch turns OFF.

#### Single Long Press Stop

- Press the start/stop button for more than three seconds.
- IGN returns OFF, ACC remains ON.
- Amber colour LED on start/stop switch

turns ON.

### WARNING

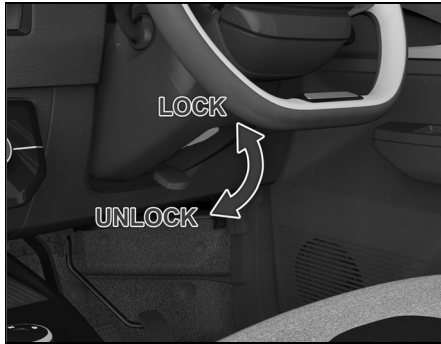
When vehicle is in OFF mode (ACC, IGN and Crank OFF) and user tries to lock the vehicle from outside by pressing any door handle switch and if PEPS detects that the smart key is left inside the vehicle, an audio warning/ chime is sounded.

### NOTE

*If clutch/brake pedal in case of MT/AMT is pressed for more than 3 minutes, then release the clutch/brake pedal & again press clutch/brake pedal with start stop button to crank the engine.*

### STEERING SYSTEM AND ADJUSTMENT

#### Steering Lock And Unlock



You can adjust the steering wheel position to suit your convenience.

The release lever is located under to the steering column.

#### To Adjust the Steering Wheel

1. Adjust the seat to a comfortable position.
2. Push "Tilt lever" completely down to unlock the steering column.

3. Adjust the steering wheel to the desired position.



4. Pull release lever up completely to lock the steering column.
5. Make sure that steering wheel is securely locked by checking up and down direction.

#### **i** NOTE

*When adjusting the steering wheel, make sure that:*

- *You can operate control pedals without any obstacles.*

- *You can see all the displays in the instrument cluster clearly.*
- *Hold the steering wheel such that both hands are on the outer edge at the 3'o clock and 9'o clock positions.*

#### **⚠** WARNING

- Before you start the car, make sure the steering wheel position is locked. Do not unlock or adjust the steering wheel while the vehicle is in motion.
- Do not put your hand through the steering wheel to operate, this may result in an accident.
- Do not alter the steering wheel in any way. Avoid painting it or installing stickers, decorative items, covers, or other accessories. Such modifications may interfere with proper airbag deployment.
- Repair or replacement of the steering wheel should be done exclusively at TATA MOTORS Authorized

## STARTING AND DRIVING

Service Center.

### **WARNING**

You could lose control of your vehicle if you try to adjust the steering wheel while driving. There is a risk of an accident.

### **Ignition Switch**



The ignition switch has the following four positions:

**LOCK** - This is the normal parking position. Key from lock can be removed in this position only.

“LOCK” position prevents normal use of the steering wheel after the key is removed.

To release the steering lock, put the key in the slot and turn it clockwise to one click (ACC).

**ACC** - Accessories such as the infotainment system can be operated, but the engine remains ‘OFF’. Steering gets unlocked.

**ON** - This is the normal operating position. All electrical systems are ‘ON’.

**START** - Turn the key further clock-wise to the START position, (spring loaded) to start the engine. As soon as the engine starts, release the ignition key, which returns to ON position. While cranking, all accessories will be momentarily ‘OFF’.

### **Illuminated Key Ring (if equipped)**

When the vehicle is unlocked, the illuminated key ring glows. This helps to locate ignition switch in the dark.

### Electric Power Assisted Steering (EPAS)

Your vehicle is equipped with electric power assisted steering system. The EPAS system makes steering the vehicle easier with less effort.

In EPAS system, the steering effort becomes heavier as the vehicle speed increases and becomes lighter as the vehicle speed decreases for better control of the vehicle at different vehicle speeds.

If the vehicle is 'OFF' or if the EPAS system is inoperative the vehicle still can be steered with more steering effort however ignition switch should be in ON position else steering wheel will get locked.

This EPAS system is available with the following assist features

1. Speed sensitive assist control
2. Active return control

#### NOTE


- *A click noise may be heard from the EPAS relay after the ignition switch*

*is turned ON or OFF position.*

- *The steering wheel may not unlock normally in some cases when ignition key turned 'ON' or ISS button pressed. If this happens, turn the steering wheel to the right or left slightly to unlock the steering wheel while turning the ignition key or pressing ISS button.*

#### WARNING

If below symptoms of the system malfunction observed, take your vehicle to the nearest TATA MOTORS Authorised Service Center and have the EPAS system checked as soon as possible.

- Engine noise may be heard when the vehicle is driven at low speeds.
- If the EPAS system does not operate normally, the warning light  will illuminate on the instrument cluster. The steering wheel rotation may become difficult to control or operate.

- The EPAS warning light does not illuminate.

#### NOTE

- *The steering effort can suddenly increase, if the operation of the EPAS system is stopped to prevent serious accidents when it detects malfunction of the EPAS system during self-diagnosis.*
- *When steering for a prolonged period, the steering effort will increase to prevent overheating and damage to the steering system.*

## STARTING AND DRIVING

### DRIVING TIPS

- Plan your tour in advance, check for road conditions, kms to be covered in a day, halting destination, fuel station, food station, hospitals and roadside assistance in case of emergency.
- Always ensure all occupants wear seat belt.
- Follow speed limits and adjust your speed according to road condition.
- Keep safe following distance from the vehicle in front of you.
- Obey traffic rules and sign at all times.
- Avoid distraction like mobile phone, texting while driving.
- Check your mirror frequently and be aware of surrounding.
- Never drive under the influence of alcohol or drugs.
- Avoid aggressive driving behaviour like tailgating or excessive over speeding.
- Regularly maintain your vehicle to ensure good working condition.
- Take adequate break and rest every

after 200 kms.

- Check tyre pressure, coolant, oil indication, any leakage under the vehicle regularly during travelling.
- Use horn, light and indicators as per condition.

#### WARNING

We strongly advise you not to drive in late hours/sleep hours to avoid fatality because body response is slow to respond to any situation in this time period

#### NOTE

*Remember, safe driving is crucial for your safety and safety of others on the road, drive responsibly following above driving tip may help is good and enjoyable travelling experience.*

### Driving Through Flooded Water

Water may enter the vehicle interior and engine compartment which could damage engine, electronic & electrical systems.

Judge the depth of water before driving through it.

If at all the situation demands that you have to drive through water then;

- Keep engine in higher RPM and crawl the vehicle in low gear.
- Flowing or rushing water creates strong forces. Driving through flowing water could cause the vehicle to flow in the water.
- Lightly apply the brake pedal to dry the liners until the brakes work normally once you are out of water.

#### WARNING

Do not attempt to start the engine if vehicle gets flooded due to water. Tow the vehicle to a safe place. Contact a nearest TATA MOTORS Authorised Service Centre.

### Driving On Wet Roads

- Check wiper blades, lights and brakes for proper functioning.
- Check the tyre condition visually, tyre

- treads depth, cut mark, worn out etc.
- Avoid harsh braking on sharp turns. It may cause loss of control.
- For slowing down, shift to lower gears and brake gently.
- Keep lights 'ON' if visibility is poor.

### WARNING

On wet road or during light showers, "Aquaplaning" can occur. "Aquaplaning" is the loss of direct contact between the road surface and the vehicle's tyres due to a water film forming between them. Steering or braking the vehicle can be very difficult, and loss of control can occur.

There is no hard and fast rule about aquaplaning. The best advice is to slow down when the road is wet.

### NOTE

*If you have driven for a long time in heavy rain without braking, there may be a delayed reaction from the brakes when braking for the first time. You have*

*to press the brake pedal more firmly. Maintain a greater distance from the vehicle in front*

### Driving On Snow Roads

While driving on snow, it is advisable to use the snow chain on roads. Follow assembly and safety instruction provided by the snow chain manufacturers.

### WARNING

- Wet ice (0°C and freezing rain), snow or ice can be slick and very hard to drive on. The vehicle will have much less traction or "grip" under these conditions. Try to avoid driving on wet ice.
- Whatever the conditions, drive with caution. Accelerate and slow down with care. If accelerating too fast, the drive wheels will lose even more traction.
- Allow more stopping distance under these conditions. Braking should be started sooner than on dry pave

ment.

- Allow greater following distances on slippery roads.
- Watch for slippery spots (glare ice). These may appear on an otherwise clear road in shaded areas. If a patch of ice is seen ahead, brake before reaching it. Try not to brake while on the ice, and avoid any sudden steering maneuvers.
- Do not use cruise control on slippery roads.

### Night Driving

- Ensure that all lights are working and windshield, window glasses are clean.
- Drive more slowly at night than in the daytime, as the visual range is restricted at night. Maintain a speed such that you can stop within illuminated distance of headlamps.
- Do not use the high beam unless inevitable. It may dazzle the driver of the oncoming vehicle, thus causing an accident.

## STARTING AND DRIVING

- Use headlamp main/dip beam to alert other road users on turns/ cross roads etc.
- Use side indicators for lane change or turning

### Gradient Driving

When climbing gradient, the vehicle may begin to slow down and show a lack of power. If this happens, shift to a lower gear and apply power smoothly so that there is no loss of traction.

When driving down a hill, the engine braking should be used by shifting into a lower gear. Do not drive in neutral gear or switch off the engine.

Depending on the severity of the gradient, shift into appropriate gear. Use engine braking judiciously without over-revving the engine. Brake gently in such situations.

### WARNING

When descending on sharp gradients, NEVER turn the ignition key to the 'OFF' position. Emission control system

may get damage.

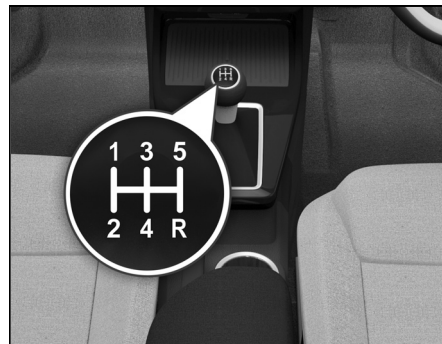
### Driving On Highway

Stopping distance progressively, increases with vehicle speed. Maintain a sufficient distance between your vehicle and the vehicle ahead.

For long distance driving, perform safety checks before starting a trip and take rest at certain intervals to prevent fatigue.

## GEAR MODES

### Gear Shifting



The gearshift pattern is as shown on the gear lever knob. Gear shifting should always be done with the clutch pedal fully pressed.

### NOTE

- Gear recommendation is displayed when the clutch pedal is fully released.
- If "F" is displayed in DIS of instrument cluster, it means 'Fault' condition.



tion. Contact TATA MOTORS Authorized Dealer/Service Center.

- Press the clutch fully when gear shifting. The reverse gear should be engaged only when the vehicle is stationary.
- Use the clutch only to shift gears and do not use it when vehicle is stationary on a slope, as the car will roll down due to gravity.
- If all doors are closed when the vehicle is in ACC/IGN/RUN mode and if PEPS does not detect the smart key inside the car, then an audio warning is given.
- Do not rest your hand on the shift lever during driving; Pressure transmitted from your hand may result in premature wear of the transaxle internal gear shift mechanism of transaxle.

### Current Gear Indication (if equipped)

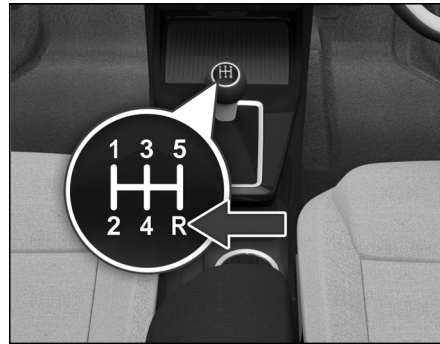
The Driver Information display (DIS) in the Instrument Cluster indicates the current gear position engaged. 

### Gear Recommendation (if equipped)

Up or down arrow will be displayed in DIS, recommending whenever gear should be shifted to up or down  

### Reverse Gear

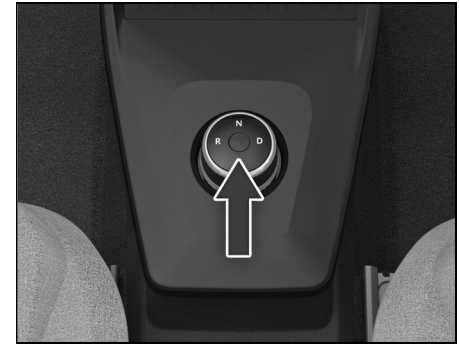
To engage reverse gear, shift to reverse position as shown on the gear lever knob.



### NOTE

Press the clutch fully when gear shifting. The reverse gear should be engaged only when the vehicle is stationary.

### Automated Manual Transmission (AMT) (If equipped)



AMT offers 3 gear positions in the gear selector rotary knob.

The individual speeds are selected automatically, depending on position of gear knob. Vehicle will be allowed to crank only

## STARTING AND DRIVING

when gear position is in Neutral.

To crank the engine switch ON ignition or push start/stop button, press the foot brake pedal fully and release the parking brake and then crank the engine.

### Drive Mode

This position is for normal driving conditions for maximum efficiency and fuel economy. To move to drive position rotate knob in clockwise direction from N to D to engage drive mode. D will be indicated on instrument cluster.

**D** will be indicated on instrument cluster.

### Reverse Mode

Reverse gear can be engaged only when vehicle is in stationary condition and brake pedal is pressed. An audio signal indicates when reverse gear is engaged (if equipped).

**R** will be indicated on instrument cluster.

### Neutral

To put the transmission in Neutral position from R or D. Press the brake pedal, Vehicle will come to halt. Bring the rotary

knob from drive mode “D” / “R” to neutral mode “N”.

**N** will be indicated on instrument cluster.

### WARNING

- Always make sure to keep the gear shift lever in the “N” position, when the engine is running and vehicle is stationary.
- Do not shift the lever in “N” position, even momentarily, when the vehicle is in motion.

### Braking

Your vehicle has vacuum assisted brakes. The distance needed to bring the vehicle to a halt increases with the speed of the vehicle. Start applying brake anticipating the distance and slow down gradually.

### WARNING

- Do not use the brake pedal as a footrest.
- If you rest your foot on the brake pedal while driving, the braking sys

tem can overheat and cause fading of brake pads. This increases the stopping distance and can even cause the braking system to fail. There is a risk of an accident.

- Do not press the brake pedal and the accelerator pedal at the same time.

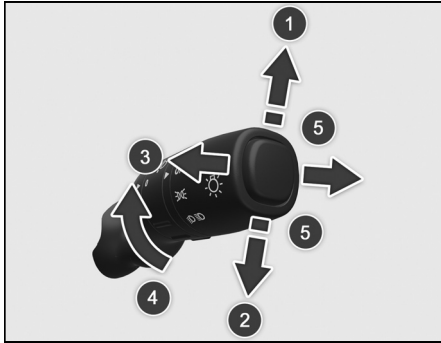
After you drive through water or if you wash the underside of the vehicle, test the brakes at slow speeds to see if the brakes work fine. If the brakes are less effective than normal, dry them by repeatedly applying the brakes at slow speeds until the brakes have regained their normal effectiveness.

If you have driven for a long time in heavy rain without braking, there may be a delayed reaction from the brakes when you brake for the first time. This may also occur after the vehicle has been washed. Brake performance may become poor and unpredictable if brakes are wet.

Check traffic conditions before doing the above activity.

### OPERATING OF LIGHTS AND WIPERS

#### Combi-switch (RH Stalk)



#### 1. Left Turn Signal

Move the lever to horizontally forward.

#### 2. Right Turn Signal

Move the lever to horizontally downward.

#### **i** NOTE

*When the turn is completed, the signal will cancel and the lever will return to its normal position.*

#### 3. High Beam Flash

To flash the high beam, pull the lever towards you from the normal position. It will return to its normal position when you release it.

#### 4. Headlamp Rotary Switch

##### Auto Light

The headlights will be automatically switched ON depending on ambient light conditions (while entering a tunnel or when it is twilight).



##### OFF Position

All lamps will remain 'OFF.'



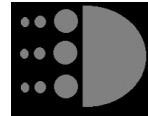
##### Parking Lamp

Rotate stalk to turn 'ON' the Parking lamps.



##### Day Time Running Lamps (DRL)

Day time Running Lamps (DRL) are used to increase the visibility of the



vehicle to other drivers during daytime.

To activate and deactivate DRL, keep the ignition switch in 'ON' position and switch the parking lamp ON-OFF twice within approx. three seconds.

Activation and Deactivation of DRL can be done by DRL soft switch, which is available on the Head Unit Display.

##### Low Beam

Rotate stalk to turn 'ON' the Low Beam function.



##### High Beam

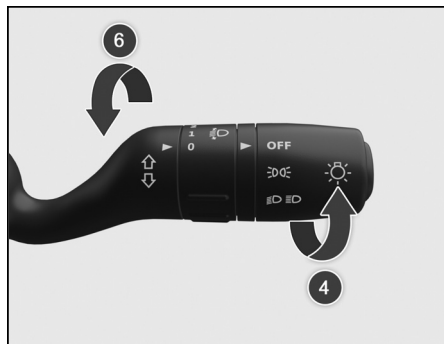
Move the lever forward to select the high beam function. Pull the lever back to normal for low beam.

##### 5. Lane Change Signal

To signal a lane change, move the lever horizontally forward for LH or horizontally downward for RH point where the turn signal light begins to flash but the lever does not latch. The turn signal will flash 6 times automatically.

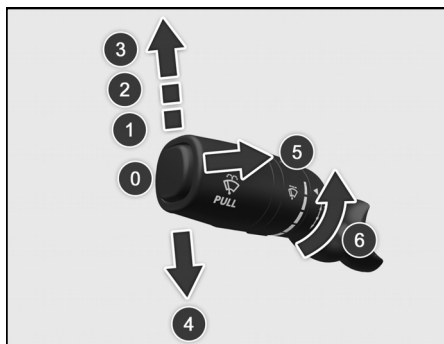
## STARTING AND DRIVING

### Head Lamp Leveling Rotary Switch



Inner rotary switch on right hand stalk is provided for head lamp leveling. With the inner rotary switch, Head lamp leveling can be done with head lamp in Low Beam and in 'ON' position. Select correct position before start of trip, when the vehicle is stationary. Depending on the number of passengers and luggage in the vehicle headlamp focus may change. This can be adjusted by rotating the knob to one of the three level positions.

### Combi-switch (LH Stalk)



#### 0. Off Position

The wiper is switched 'OFF'.

#### 1. Intermittent Wipe

Push the stalk upwards to operate intermittent wipe.

Inner rotary switch on left hand stalk is provided for intermittent front wiper delay. The switch has five delay timers.



#### 2. Slow Wipe

Push the stalk towards position (2) for continuous slow wipe.

#### 3. Fast Wipe

Push the stalk towards position (3) for continuous slow wipe.

#### 4. Flick Wipe (Spring Return)

Pull the stalk downwards and hold it for continuous wipe, the wiper continuously wipes across the windshield at low speed till the stalk is released.



#### 5. Front Windshield Washer

- Pull the lever little longer, to spray the washer fluid on the windshield.
- The windshield wipers will operate for three cycles after the lever is released and for one more cycle after five seconds.



#### 6. Manual Mode

- Pull the lever little longer, to spray the washer fluid on the windshield.
- The windshield wipers will operate for

three cycles after the lever is released and for one more cycle after five seconds.

### Auto Mode (Rain / Light Sensor (if equipped))

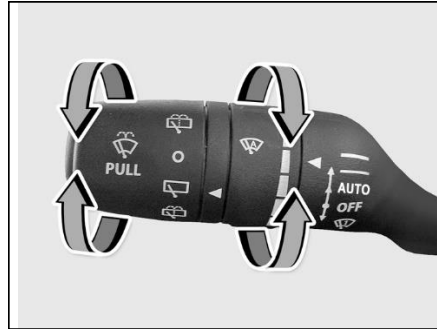
If your vehicle is fitted with rain and light sensor, the wipers will automatically wipe the windscreen, if it senses rainfall. Make sure that the wiper stalk is in Auto position.

The integrated rain and light sensor is mounted on front windshield glass to sense rain and light. As per the input from sensor, the wipe and light functions will work automatically.

#### **i** NOTE

*When you crank the engine, the supply to washer motor is momentarily cut off.*

### Rear Wash And Wipe



### Rear Windshield / Wiper and Washer (spring return)

Turn the rotary knob clockwise and release to operate rear windshield wash and wipe. The windshield wipers will operate for three cycles.

### Rear Wipe

Turn the rotary knob counter clockwise such that it aligns its positions with arrow mark to operate rear windshield wiper continuously.

#### **i** NOTE

*Rear wiper will not work as long as tail-gate is open.*

### Rear Windshield/ Wiper and Washer Switch

Turn the rotary knob counter clockwise such that it aligns its positions with the arrow mark and hold it to operate rear windshield wash and wipe function. It will return to 'Rear wipe' position as soon as it is released and continues to wipe.

#### **i** NOTE

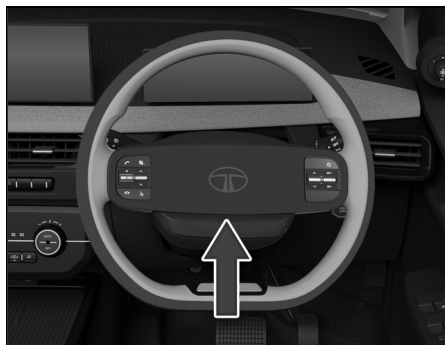
*When you reverse the car with front wipers in 'ON' condition, the rear wiper will also be 'ON'.*

#### **⚠** WARNING

If you operate wash and wipe function for more than 15 seconds the controller cuts off the supply to the washer motors to avoid overheating.

## STARTING AND DRIVING

### Horn



Horn is located on steering wheel. Use it whenever required.

#### **WARNING**

- Check out for No Horn zone, where use of horn is prohibited.
- Avoid using sharp / hard / metal wearables which can create scratch on the steering wheel and horn pad surface.
- Do not use sharp objects for cleaning the gap between horn pad and

steering wheel.

- Do not use car wax, window cleaner, glass coatings or chemical solvents such as strong detergents containing high alkaline or volatile organic solvents (gasoline, acetone etc). This may damage the driver airbag parts.
- Wipe the steering wheel with soft cloth only.
- Please use a soft, clean cloth dampened with normal water to clean the steering wheel.
- Avoid using extremely hot or cold water, as rapid temperature changes can cause the plastic components to become brittle. Do not use high-pressure water for cleaning.
- Do not insert any coins, clips, foreign materials etc in the gap between the Driver Airbag and Steering Wheel. This may lead to abnormal airbag deployment or may cause the horn to stop working/func

tion improperly.

- Do not use any unauthorized accessories on steering. Devices that claim to offer improved grip or enhanced surface finish may actually compromise functionality and safety.
- Please refer to the car care section from “MAINTENANCE AND CARE” section for the steering wheel cleaning precautions.

### SEATS ADJUSTMENTS

#### Front Seat Adjustments

##### 1. Driver Seat



##### *Option I*

1. Backrest recliner adjustment lever
2. Seat forward / rearward adjustment lever
3. Seat height adjustment lever (if equipped)



##### *Option II*

1. Backrest recliner adjustment lever
2. Seat forward / rearward adjustment lever

#### **⚠ WARNING**

Do not adjust the driver's seat while driving. Adjusting the seat while driving could cause the driver to lose control of the vehicle.

##### 1. Seat backrest angle adjustment

To change the seat back rest angle, lean forward slightly and pull up the lever (1). Adjust seat backrest until it reaches desired comfortable position. Make sure that lever returns to its original position and seat is securely latched.

#### **📌 NOTE**

*Adjust the seat backrest until your arms are slightly angled when holding the steering wheel*

#### **⚠ WARNING**

Do not travel in a moving vehicle with the seat backrest in an excessively reclined position as this can be dangerous.

## STARTING AND DRIVING

### 2. Seat forward/rearward adjustment

Lift lever (2) and slide the seat forward or to the rear. Release lever and make sure that seat is securely latched.

#### **i** NOTE

*Adjust the driver seat position in such a way that the driver will be able to operate the control pedals comfortably.*

### 3. Seat height adjustment (if equipped)

To raise the seat, pull and continue pumping the lever (3) in the upward direction until the seat is at the desired height.

To lower the seat, pump the lever downward until the seat is at desired height.

### 2. Co-driver Seat



### Rear Seat



### Rear Seat Folding (complete Seat 100%)

To fold the seat:

1. Pull the backrest release knobs provided on both sides.

## STARTING AND DRIVING



2. Fold the backrest seat forward. Move the driver and front passenger seat forward if necessary



### **i** NOTE

- *If the rear bench seat and seat backrest are not latched properly, they could fold forwards during hard braking or in the event of a collision.*
- *The vehicle occupant would thereby be pushed into the seat belt by the rear bench seat or by the seat backrest. The seat belt can no longer offer the intended level of protection and could even cause injuries.*
- *Objects or loads in the trunk cannot be restrained by the seat backrest.*

- There is an increased risk of injury.*
- *Before every trip, make sure that the seat backrests and the rear bench seat/rear seat are engaged and securely latched.*

## STARTING AND DRIVING

### MIRRORS

#### Inside Rear View Mirror (IRVM)

To adjust the mirror move the mirror up, down or sideways manually to obtain the best rear view.

When you drive at night, set the selector tab to select anti-glare mode (if equipped) to reduce glare from the headlights of vehicles behind you.

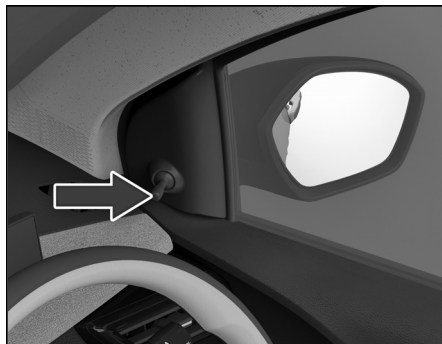


#### **i** NOTE

*Use antiglare position only when necessary, as it reduces rear view clarity.*

#### Outer Rear View Mirrors (ORVM)

##### Manual Orvm Adjustment



You can adjust the outer rear view mirrors manually.

#### **⚠** WARNING

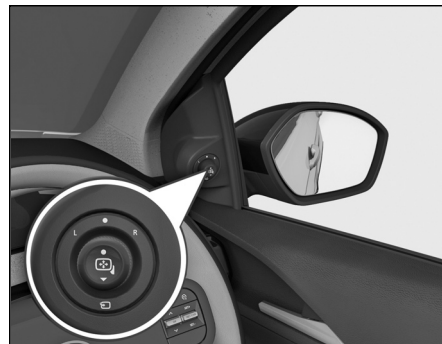
Do not adjust the mirror while driving. Adjusting the mirror while driving could

cause the driver to lose control of the vehicle.

##### Manual Folding

ORVMs can be folded or unfolded manually. This is applicable only for vehicles which are not equipped with motorized folding provision.

##### Motorized Orvm Adjustment (if Equipped)



The switch to adjust the motorized mirrors is located on the driver's door. You can adjust the mirrors when the ignition switch is

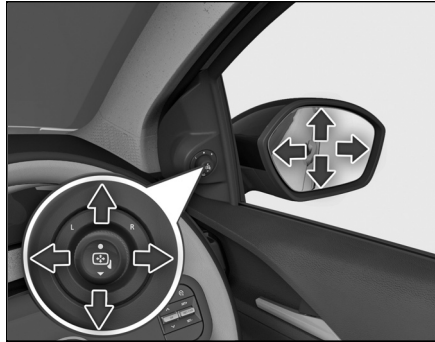
in the “ACC” or “ON” position.

### **i** NOTE

*Objects visible in mirror are actually closer than they appear. Always make sure of the actual distance from the road users traveling behind by glancing over your shoulder.*

### To Adjust The Mirrors

1. Move the mirror selection switch to L (for left side) and R (for right side) to select the mirror you wish to adjust.
2. Use the four positions of the knob to adjust the rear view mirrors to required position.



### **i** NOTE

*When vehicle is locked, mirrors will be folded automatically. When it is unlocked, mirrors will be unfolded automatically.*

### Option 1: Auto folding by smart key



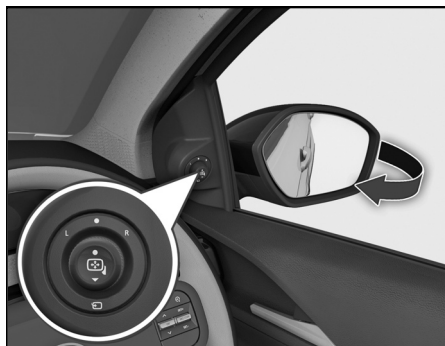
When you lock the vehicle, ORVMs will be folded automatically.

When you unlock the vehicle, ORVMs will be unfolded automatically.

In case to repeated usage, Mirror Folding/Unfolding will stop functioning and will be re-activated after delay of 2 mins. During that period avoid repeated pressing of Switch.

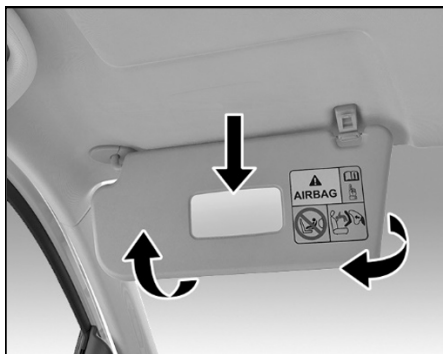
## STARTING AND DRIVING

### Option 2: Auto folding by knob



To fold / unfold the ORVMs, keep the Selector switch in center position (i.e. neither 'L' nor 'R, position) and then toggle down. This will operate when the ignition switch is in the "ACC" or "ON" position.

### Sun Visors (If equipped)



The sun visors can be pulled down to block the glare coming through the windshield.

To block the glare from side windows, pull down the sun visor and release it from retainer. Swing the sun visor to the side.

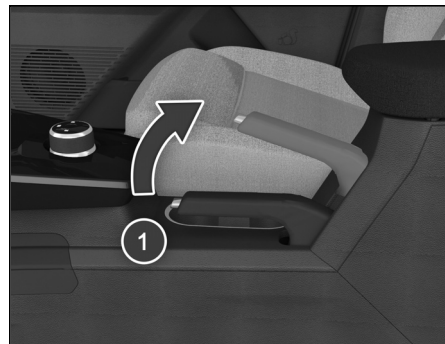
### Vanity Mirror (if equipped)

Vanity mirror is provided on the back of the front passenger side sun visor.

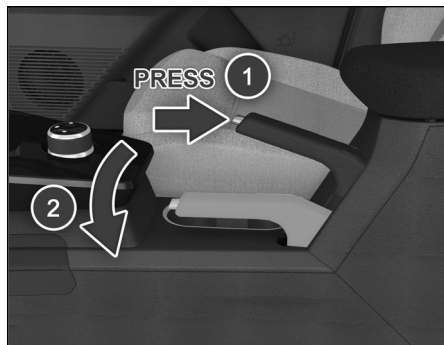
## DRIVING SUPPORT SYSTEM

### Parking Brake

Mechanical parking brake acting on the rear wheels is provided on the vehicle.



To apply the parking brake, pull the lever up fully. The parking brake tell-tale light comes on in the instrument cluster.



To release it, pull the lever up slightly, press the release button and push the lever down. The parking brake tell-tale in the instrument cluster will turn 'OFF' when the lever is fully released.

### ***i* NOTE**

*Apply the parking brake properly before leaving the vehicle and release it before moving.*

### **Ensure Before You Park**

- Park the vehicle in a safe place. Switch on the indicator signal before turning to park.
- Apply the parking brake.
- Make sure that all window glasses are closed and all lamps are turned 'OFF'.
- At night, put on the parking lights if required.
- Remove the key from the ignition switch and lock the vehicle.
- Use wheel chocks if the vehicle is parked on a slope.

### ***i* NOTE**

*When parking on a downhill gradient, place the gear lever in 'Reverse' position. While parking on uphill gradient, place the gear lever in the '1st' position.*

### ***i* NOTE**

*Do not use parking brake for braking unless unavoidable circumstances like when service brake is not working prop*

*erly. The braking distance is considerably longer and the wheels could lock. There is an increased danger of skidding and accidents.*

## STARTING AND DRIVING

### SURROUND VIEW SYSTEM (SVS) (if equipped)

Surround view system displays the surroundings around the vehicle to the driver for safe and comfortable drive.

SVS assists the driver while reversing and maneuvering the vehicle at lower speeds.

### Camera Locations As Shown In The Images



*Front Camera*



*Left Side Camera*



*Right Side Camera*

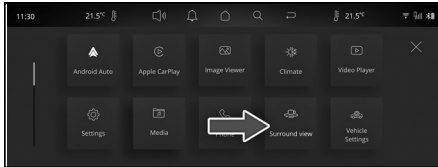


*Rear Camera*

### Activation Of SVS

The function is activated when:

1. Surround View soft switch is pressed or



2. Surround View hard switch is pressed



3. Vehicle is in forward motion, N (Neu-

tral) or reverse motion and vehicle speed is under 15 kmph and surround view soft switch is pressed.

4. Engage the reverse gear and vehicle speed is below 15 kmph.

### Deactivation Of SVS

SVS function is deactivated when one of the following step is performed.

1. If cross button is pressed in SVS screen
2. Surround view hard switch is pressed again
3. Vehicle speed is more than 15 kmph
4. Disengage the reverse gear

#### **i** NOTE

- *When vehicle speed is more than 15 kmph, the SVS function will turn off. The function will not automatically turn on again, even though vehicle speed gets below 15 kmph. Press the switch again, to turn on the function.*

- *During vehicle speed is more than 15 Kmph and driver activate through soft switch/hard switch rear view shall display to user.*

## STARTING AND DRIVING

### Surround View System Features

The Surround view system has the following features

1. 2D View
2. 3D View
3. Front Corner View
4. Rear Corner View
5. Full View
6. Settings
7. Cancel Icon

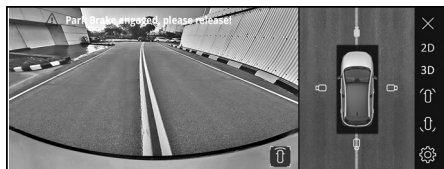
#### 1. 2D View

By selecting 2D Icon which is available on the right corner side of the infotainment screen, cameras provide about 360 degree 2D top view of vehicle's surrounding.

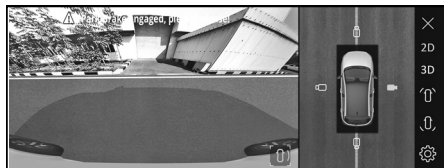
In 2D top view mode 4 camera icons will be present around the model car image to switch to different sides of view. The different 2D views are as follows.

- I. 2D Top view + Front view
- II. 2D Top view + Rear view
- III. 2D Top view + Left view
- IV. 2D Top view + Right view

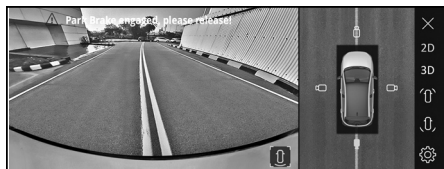
2D Top + Front view



2D Top + Right view



2D Top + Rear view



2D Top + Left view



### 2. 3D View

By selecting 3D Icon, cameras provide about 360 degree 3D view of vehicle's surrounding on the Infotainment screen

In 3D mode view 8 camera icons will be present around the model car image to switch to different angle of view.

3D View with 8 different views



### 3. Front Corner View

If driver wants to focus on the front corner view, then the icon can be pressed to select the view.

By selecting front corner view icon, camera provides a focused view on the front left and right corners to provide a better visibility for safe maneuver.

Fig 3. Front corner view



### 4. Rear Corner View

If driver wants to focus on the rear corner view, then the icon can be pressed to select the view.

By selecting rear corner view icon, camera provides a focused view on the rear left and right corners to provide a better visibility for safe maneuver.

Fig 4. Rear corner view



### 5. Full View

#### I. 2D Full front view

By selecting 2D front view Icon which is

available on the model car image, camera provides about wide 2D front view of vehicle's surrounding on the Infotainment screen.

Press full view button to view front objects closer and press the same button to go back to the normal 2D front view.



2D Full Front view

#### II. 2D Full Rear view

By selecting 2D rear view Icon which is available on the model car image, camera provides about wide 2D view of vehicle's surrounding on the Infotainment screen.

Press full Rear View Camera view button to view rear objects closer and press the same button to go back to the normal 2D rear view.

## STARTING AND DRIVING



2D Full Rear View

### III. 2D Full Left view

By selecting 2D left view Icon which is available on the model car image, cameras provides about wide 2D view of vehicle's surrounding on the Infotainment screen.

Press full view button to view left objects closer and press the same button to go back to the normal 2D left view.



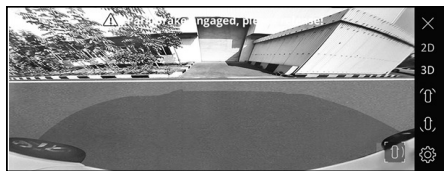
2D Full left view

### IV. 2D Full Right view

By selecting 2D right view Icon which is

available on the model car image, cameras provides about wide 2D view of vehicle's surrounding on the Infotainment screen.

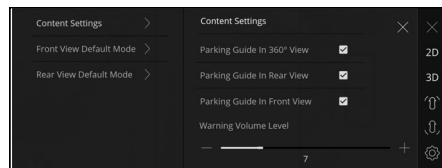
Press full view button to view right objects closer and press the same button to go back to the normal 2D right view.



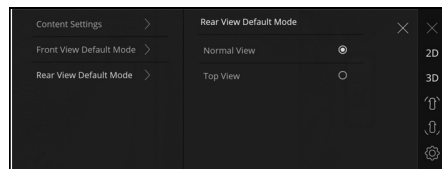
2D Full Right view

## 6. Settings

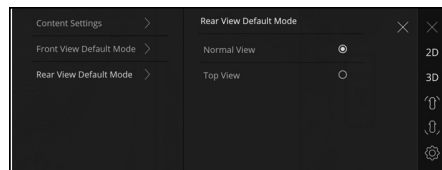
- By selecting the settings icon available on the infotainment screen, driver can change the settings as required.
- User can change the content settings based on the user choice.
- User can change the front and rear default view to any of the view i.e., either normal view or top view



SVS content settings



SVS front view default mode settings



SVS rear view default mode settings

## 7. Cancel Icon

By selecting the cancel icon which is available on the top right corner of the infotainment screen, user can exit from the surround view system function.

It can be used for all the SVS features such as 2D, 3D, front & rear corner views. It cannot be visible when vehicle gear state is reverse gear.



### Understanding Guidelines Indication Static Guidelines



### Dynamic Guidelines

#### Red Line

Indicates, if rear objects are in this colored zone, you have to stop the vehicle and not allowed to go backward. If you still go backward, your vehicle will hit the object.

#### Green Line

Indicates, if rear object is in this colored zone, you have to be cautious. Still you can go backward safely.



#### Yellow Line

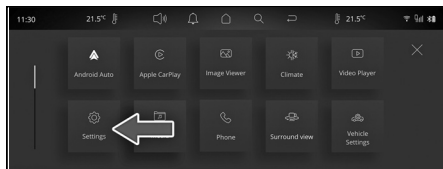
Indicates, if rear objects are in this colored zone, you have to take utmost care. However, objects fall in this zone, may not hit vehicle.

#### PDC Guidelines Settings

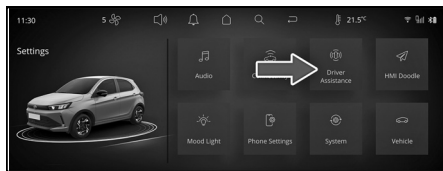
User can change the timer settings for PDC guidelines which is available on the infotainment display

By selecting the infotainment settings icon available on the infotainment screen user is able to open the settings options available in the system.

## STARTING AND DRIVING

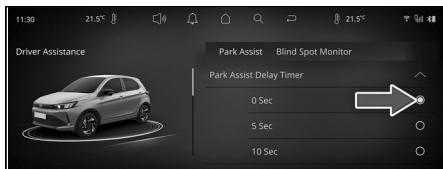


The system will display the below screen when user select the settings icon. Select the driver assistance icon which is available on the screen.



In driver assistance system will provide many other options in that user should select the park assist delay timer. System will provide three different option such as 0sec, 5 sec and 10sec.

Based on the user choice he/she can select any option from the three.



### Blind View Monitor

Blind view monitor will helps to reduce the crashes that happens when driver is being overtaken or changing the lanes.

This system should work in ignition on and run condition irrespective of the vehicle speed.

We can enable/disable the blind view monitor in HMI settings based on the user choice.



### Activation of Blind View Monitor

- This feature is activated when user turn on the left/right turn indicator.

- On activating the right turn indicator, right side rear view should be displayed on the infotainment along with static overlays.



*Right rear side view when turn on the right indicator*

- On activating the left turn indicator, left side rear view should be displayed on infotainment along with the static overlays.



*Left rear side view when turn on the left indicator*

### **i** NOTE

The above images are for reference purpose only.

### Deactivation of Blind View Monitor

- This feature is deactivated when user turn off the left/right turn indicator.

### Understanding Static Overlays Indication

**Red Line:** Indicates, if rear objects are behind this colored line, you are not allowed to change the lane. If you still change the lane, your vehicle will hit the object.



**Yellow Line:** Indicates, if rear objects are behind this colored line, you have to take utmost care. However, objects fall in this zone, may not hit vehicle.



**Green Line:** Indicates, if rear object is behind this colored line, you have to be cautious. Still you can safely change the lane.



### **i** NOTE

- When SVS is in active condition then user turn on the left/right turn indicator then system should display the blind view monitoring and if user turn off the turn indicator then system return back to the SVS screen.
- When SVS is not in active condition, user turn on the left/right turn indica

tor then system should display the blind view monitoring. Once user turn off the turn indicator then system return back to infotainment home screen.

- If reverse gear is engaged and Indicator is pressed, Rear view will be persisted as Reverse gear has upmost priority.

### Camera Precautions:

### **⚠** WARNING

- As the camera is, IP protected, do not detach, disassemble or modify in any manner from the actual position. This will show required visual information in display.
- Do not use camera when tailgate is open. If tailgate is open, visual information may not be the actual rear view of the vehicle & system will warn with message 'Tail Gate Open, Please close.'

## STARTING AND DRIVING

- Do not use camera when driver/passenger door is open. If any one of the door is open, visual information may not be the actual view of the vehicle & system will warn with message 'Door Open, Please close'. And also corresponding door side display shall be in dark image.
- Do not use camera when ORVM is folded. If ORVM is folded, visual information may not be the actual view of the vehicle & system will warn with message 'ORVM Folded'.
- When the camera is operated under fluorescent lights, sodium light or mercury light etc., illuminated areas on the lens may appear to flicker in the display.
- Do not attach any advertisement or styling or any kind of stickers on top of camera. If this happens, camera cannot provide you the visual image and may damage camera.
- Do not add any accessory, which will obstruct camera field of view.

### Cleaning Camera

1. Due to environmental reasons, dust, mud or fog may accumulate on the camera lens. So regularly clean the camera lens.
2. Use water to clean the camera lens. Do not use extreme cold or hot water. Rapid changes in temperature may brittle the camera lens. Do not apply High Pressure water for cleaning.
3. Wipe the camera lens with soft cloth.
4. Do not use hard cloth or material to wipe the camera lens. This will cause scratches on the camera, and leads to deteriorated visual image on the display.
5. Do not apply organic solvent, car wax, window cleaner or glass coat to clean the camera. This may damage the lens
6. Do not use chemical solvents such as strong detergents containing high alkaline or volatile organic solvents (gasoline, acetone etc). This may damage the camera lens
7. Do not apply heavy force on lens, while

cleaning.

8. Do not remove mud, snow on the camera lens using stick or hard material. Use normal water and soft cloth.

### WARNING

- The camera uses fish eye lens. So the size of the objects or in the display may differ from the actual size and distances in low light conditions, the screen may darken or image may appear faint.
- If the tyre sizes are changed, the position of the fixed guidelines displayed on the screen may change.
- During rainy conditions, image may get obscured. In such conditions, do not depend on camera view.
- The camera used in the vehicle, may not reproduce the same color of the real object.
- Do not apply any kind of force on the camera.
- High humidity and variation in ambient temperature may result into con

densation inside the camera lens, which may further result into degradation of camera video feed on the screen. It is recommended that not to rely on camera video feed for parking assistance in such scenario. This phenomenon is temporary and will be automatically recovered with reduction in humidity and less variation in ambient temperature.

- The area displayed by the camera is limited. The camera does not display objects that are close to or below the bumper, underneath the vehicle, or objects out of the camera's field of view. The area displayed on the screen may vary according to vehicle orientation or road conditions.

### **WARNING**

SVS system is an aid only. User need to check surrounding for safety.

### REAR VIEW CAMERA (If equipped)



Rear View Camera is a visual reverse guiding system. When reversing or parking, make sure that there are no persons, animals or objects in the area where you are reversing. The display will be shown on an Infotainment Screen.

#### Activation

This system will start, if reverse gear is engaged, or park assist button (if available) is pressed or manual activation is done through Infotainment screen.

#### Deactivation

The Rear View Camera view automatically deactivates when the reverse gear is disengaged.

If activated via the Infotainment system (Park Assist), it can also be turned off using the Cross Button on the infotainment screen.

#### Understanding Guidelines Indication



#### Green Line

You can safely reverse the vehicle, but be cautious if objects fall in this zone.

#### Yellow Line

You have to take utmost care if objects fall in this zone. However, the objects may not

## STARTING AND DRIVING

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hit vehicle.

### Red Line

Red line indicates that you have to stop reversing the vehicle. If you still go backwards, the car will hit the obstacle.

### Do's and Don't

- Do not use camera when tailgate is open. If tailgate is open, visual information may not be the actual rear view of the vehicle & system will warn with message 'Tail Gate Open, Please close.
- When the camera is operated under fluorescent lights, sodium light or mercury light etc., illuminated areas on the lens may appear to flicker in the display.
- Do not attach any advertisement or styling or any kind of stickers on top of camera. If this happens, camera cannot provide you the visual image and it may damage the camera.
- Do not add any accessory, which will cause blockage to the camera's field of view.

### Cleaning Camera

1. Due to environmental reasons like snow, dust, mud or fog may accumulate on the camera lens. So regularly clean the camera lens.
2. Use water to clean the camera lens. Do not use extreme cold or hot water. Rapid changes in temperature may brittle the camera lens. Do not apply High Pressure water for cleaning.
3. Wipe the camera lens with soft cloth.
4. Do not use hard cloth or material to wipe the camera lens. This will cause scratches on the camera, and leads to deteriorated visual image on the display.
5. Do not apply organic solvent, car wax, window cleaner or glass coat to clean the camera. If this is applied, wipe it off as soon as possible.
6. Do not apply heavy force on lens, while cleaning.
7. Do not remove mud, snow on the camera lens using stick or hard material. Use normal water and soft cloth.

### WARNING

- The camera uses fish eye lens. So the size of the objects or in the display may differ from the actual size and distance. In low light conditions, the screen may darken or image may appear faint.
- If the tire sizes are changed, the position of the fixed guidelines displayed on the screen may change.
- During rainy conditions, image may get obscured. In such conditions, do not depend on camera view. The camera used in the vehicle, may not reproduce the same color of the real object.
- In case of damage of the rear portion of the vehicle, camera position may change. Which causes wrong visual information on display. In case of damage, make sure that, camera is fitted properly at the intended location.
- In case of uneven road conditions or up-hill or downhill conditions, do not

depend on rear view camera park aid.

- Do not apply any kind of force on the camera.
- Always use rear View mirrors along with Rear View Camera for confirming the safety of the rear and the surrounding conditions.
- High humidity and variation in ambient temperature may result into condensation inside the camera lens, which may further result into degradation of camera video feed on the screen. It is recommended that not to rely on camera video feed for parking assistance in such scenario. This phenomenon is temporary and will be automatically recovered with reduction in humidity and less variation in ambient temperature.
- The area displayed by the rear view camera is limited. The camera does not display objects that are close to or below the bumper, underneath the vehicle, or objects out of the

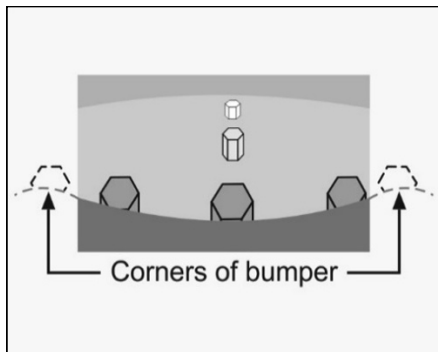
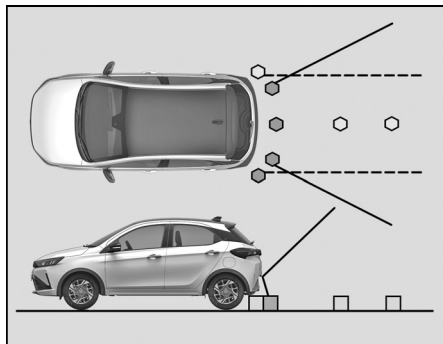
camera's field of view. The area displayed on the screen may vary according to vehicle orientation or road conditions.

## STARTING AND DRIVING

### Rear View Camera System Precautions

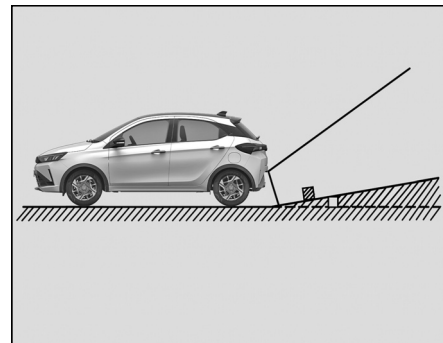
#### Area Displayed on Screen

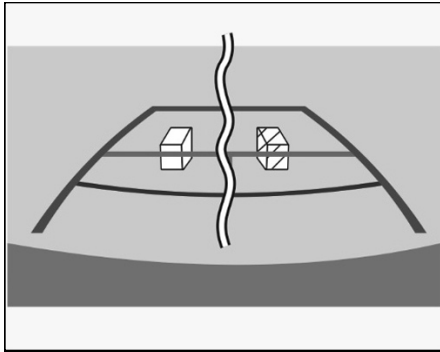
The rear view camera system displays an image of the view from the bumper of the rear area of the vehicle.



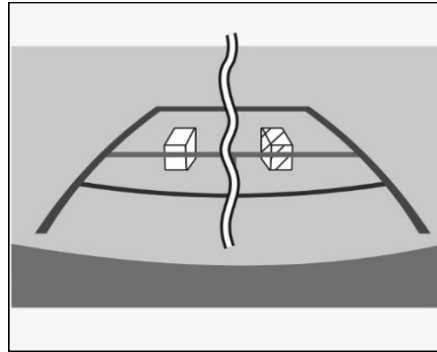
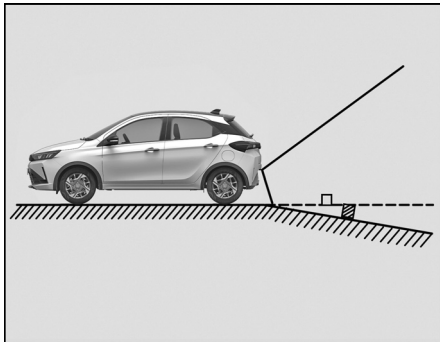
- The area displayed on the screen may vary according to vehicle orientation conditions.
- Objects, which are close to either corner of the bumper or under the bumper, cannot be seen on the screen.
- The camera uses a special lens. The distance of the image that appears on the screen differs from the actual distance. The camera may not display items that are located higher than the camera's field of view.

### When Sharp Up Gradient Behind the Vehicle





**When Sharp Down Gradient Behind the Vehicle**

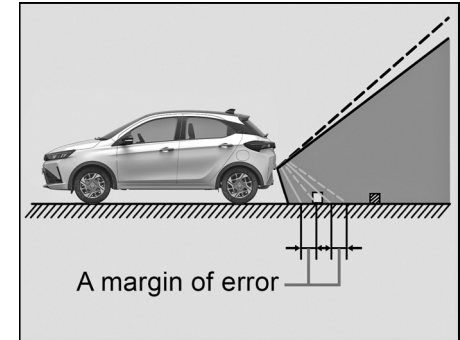


### **i** NOTE

*The distance guidelines will appear to be further from the vehicle than the actual distance.*

*Because of this, objects will appear to be closer than they actually are. In the same way, there will be a margin of error between the guidelines and the actual distance/course on the road.*

### **When Any Part of the Vehicle Sags**



When any part of the vehicle sags due to the number of passengers or the distribution of the load, there is a margin of error between the fixed guide lines on the screen and the actual distance/course on the road.

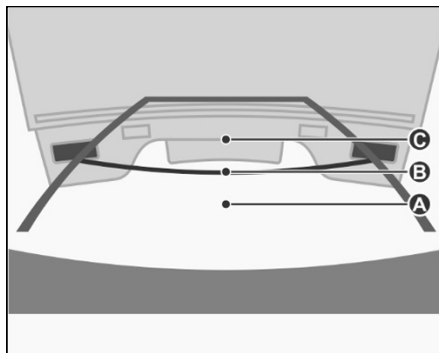
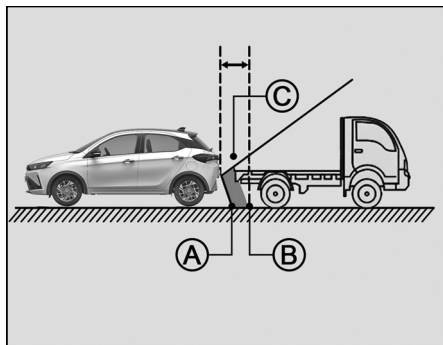
### **When Approaching Three-dimensional Objects**

The distance guidelines are displayed according to flat surfaced objects (such as the road). It is not possible to determine the position of three-dimensional objects (such as vehicles) using the distance

## STARTING AND DRIVING

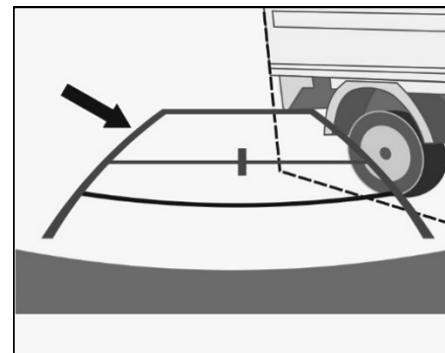
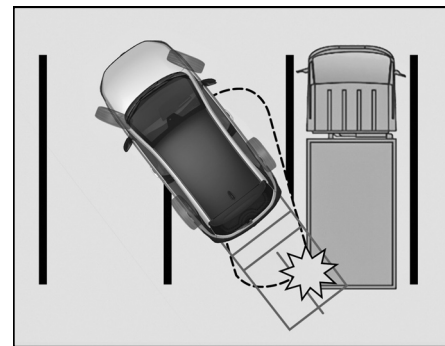
guidelines. When approaching a three-dimensional object.

### a. Distance guideline



Visually check the surroundings and the area behind the vehicle. On the screen, it appears that a truck is parked at point B. However, in reality if you back up to point A, you will hit the truck. On the screen, it appears that A is closest and C is furthest away. However, in reality, the distance to A and C is the same, and B is further away from A and C.

### b. Vehicle width guidelines



Visually check the surroundings and the area behind the vehicle. In the case shown below, the truck appears to be outside of the vehicle width guidelines and the vehicle does not look as if it hits the truck. However, the rear body of the truck may actually cross over the vehicle width guidelines. In reality if you back up as guided by the vehicle width guidelines, the vehicle may hit the truck.

### REVERSE PARK ASSIST (If equipped)

Reverse Park Assist system is an electronic parking aid that will assist you to park your vehicle safely when in reverse gear mode. It provides audio and visual information through the vehicle's infotainment system.

Always look out for kids, pets and elderly people behind the vehicle before reversing.



There are ultrasonic sensors placed in on the rear bumper. Number of sensors may vary depending on the variant.

Once the system is activated, the sensors will detect how near the obstacle is from the bumper, and this information is would be displayed on the vehicle's infotainment system. In base variants, only audio warn-

ing shall be given through a buzzer.

### WARNING

Due to ultrasonic sensor technology limitation, detection of obstacles from 0-25 cm is not guaranteed.

## STARTING AND DRIVING

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| Approximate Distance From Bumper (in Cm) | Tone Information |
|--|------------------|
| 25-40                                    | Continuous Beep  |
| 41-80                                    | Fast Beep        |
| 81-120                                   | Slow Beep        |

Variant where infotainment display is not present and audio warning is given through a buzzer, on activating the Reverse Park Assist system, a tone will be played within first two seconds to indicate the proper functioning of the system. After these two seconds, normal functioning of the system will continue. If no tone is heard for first two seconds, it shall mean that RPAS system is faulty. The owner should, in that case, go to the nearest dealer for rectification.

### Operations

The reverse park assist system can also be activated manually through infotainment screen. Display will be seen on infotainment screen.

### Park Assist Indications

In case reverse park assist system malfunctions, the following message may appear on the infotainment screen.

Reason for this fault may be

- Park Assist Controller / Body Control Module Failure”
- Sensor Malfunction
- Partner components such as Infotainment music system, Instrument Cluster failure.

### Reverse Park Assist Limitations

Reverse Park Assist system is not a collision avoiding system. It is solely the driver's responsibility to park the vehicle safely.

Reverse Park Assist feature works on ultra sound echo technology, due to which performance is not guaranteed in following scenarios:

- If the object has a sharp edge surface, where surface may divert echoes from sensor reception.
- If object is mesh fence made up of thin wires, where echoes can't be given by the surface.
- Fast moving objects passes in the sensor's field of detection, where echoes are not processed by the system.
- If object is made/covered by foam or sponge or snow where ultrasonic sound signals are absorbed.
- Objects close to the rear bumper can go undetected by the Reverse Park Assist's field of detection. Driver should use extreme caution while

parking the vehicle.

- If height of the bumper is changed due to alteration to the suspension or other causes
- If the sensor areas are extremely hot from direct sunlight or cold due to freezing weather.
- If Sensors are covered by a hand, sticker, accessory, etc.
- If ultrasonic noise is present around Vehicle due to other vehicle sensors, horn, engine, air braking system (large vehicles), Exhaust Fans, Wireless transmitters or mobile phones
- If the vehicle speed exceeds 10kmph, the system will not warn you even though objects are detected, error message 'Vehicle Speed is high, drive slowly!' will appear.
- Driving on uneven road surfaces e.g. Gravel, unpaved roads, Artificial Speed Breakers, or gradient.
- Poles of square/rectangular cross section might not be detected.

### WARNING

Due to any reason, if the sensor gets misaligned or loses its intended fitment position, contact your dealer for refitment.

### NOTE

*Turning the ignition 'OFF' while the park assist feature is active would disable it.*

### Reverse Park Assist System Preventive Maintenance

- Regularly clean the sensors and keep them free from dust, ice, mud, water, chewing gum etc. for proper working of the system. Use a smooth cloth for cleaning.
- Do not use water at high pressure for cleaning the sensor or camera.
- Do not cover the sensors / camera\*(if equipped) surface with any additional fitment. This will interrupt park assist performance.
- Do not remove mud, snow on the sen-

sors using stick or hard material. Use normal water and soft cloth.

### General Warning

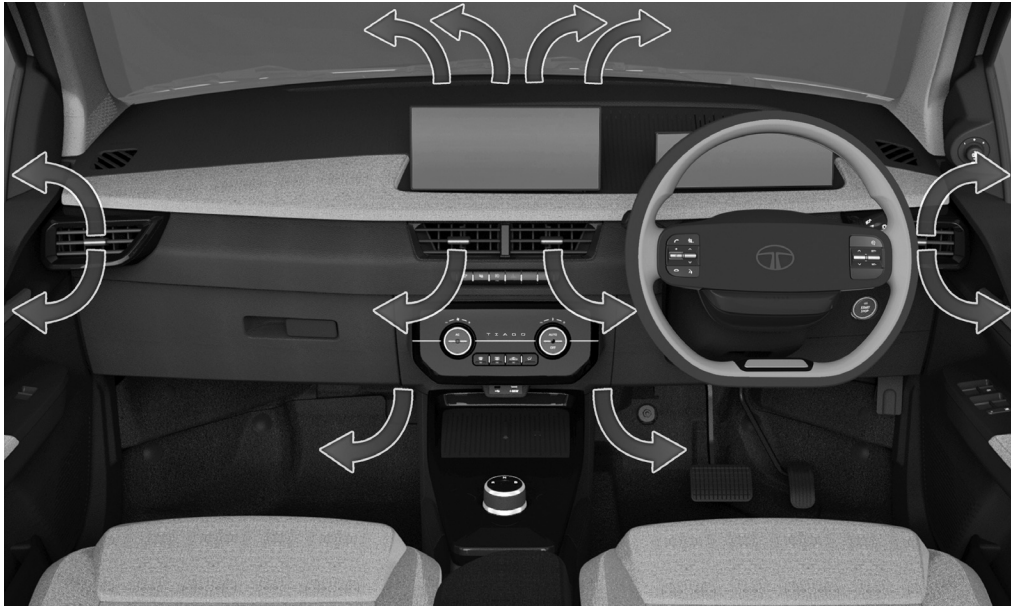
1. In low light conditions, the screen may darken or image may appear faint.
2. If the tire sizes are changed, the position of the fixed guidelines displayed on the screen may change.
3. In case of damage of the rear portion of the vehicle, Reverse Park Assist sensors position may change which causes wrong visual information on display. In case of damage make sure that Reverse Park Assist sensors are fitted properly at the in-tended location.
4. In case of uneven road conditions or up-hill or downhill conditions, do not depend on Reverse Park Assist aid.
5. Do not apply any kind of force on the reverse park assist sensors.
6. Always use rear view mirrors along with Reverse Park Assist for confirming the safety of the ear and the surrounding conditions.



### CLIMATE CONTROL

#### Air Distribution

The air is distributed through the vents in the passenger compartment as shown below:



*Note- Above image is only for reference.*

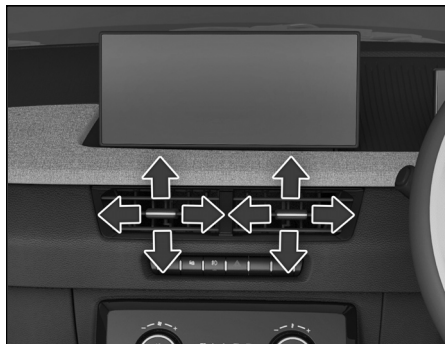
## INTERIOR FEATURES

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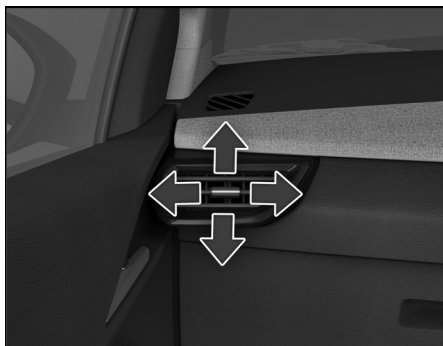
### Air Vent

Air vents are available on the dashboard. The direction of air flow can be adjusted using sliders on the respective vents.

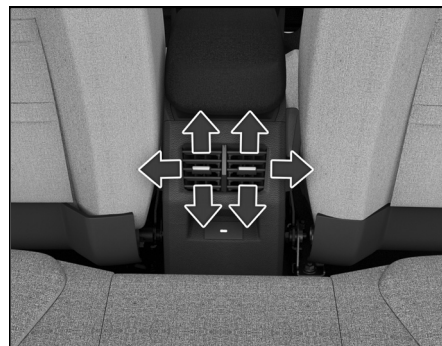
### Centre Air Vents (Front)



### Side Air Vents (Front)



### Rear Air Vent



## HVAC CONTROLS

### Manual HVAC Controls



1. Air Distribution Control
2. Blower Speed Control
3. Temperature Control
4. Fresh / Recirculation air mode
5. AC ON/OFF Switch

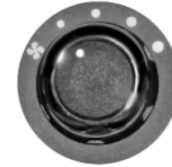
### 1. Air Distribution Control



Air distribution control

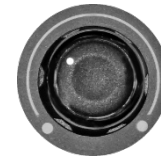
|  |   |
|--|---|
|  | Directs air through the center and side air vents                       |
|  | Directs air through the center, side and foot vents                     |
|  | Directs air through the foot air vents                                  |
|  | Directs air through the defroster & foot vents (Default fresh air mode) |
|  | Directs air through the defroster vents (Default fresh air mode)        |

### 2. Blower Speed Control



This is to turn 'ON' the blower and select desired blower speed.

### 3. Temperature Control



The temperature control knob allows you to adjust the temperature. The temperature can be increased by rotating the knob towards the red segment (clockwise) and decreased by rotating it towards the blue segment (anti-clockwise).

## INTERIOR FEATURES

### 4. Fresh / Recirculation Air Mode

Press the switch to activate / deactivate air recirculation mode.



Press to 'ON' or 'OFF'

**Recirculation mode: (Indicator light 'ON')**

Air in the passenger compartment re-circulates. No fresh air enters the compartment.

Always use when:

- Driving on a dusty road or through tunnel.
- On signals or slow traffic to avoid traffic pollution.
- Maximum cooling is required

**Fresh Air mode: (Indicator light 'OFF')**

Fresh air is drawn into the vehicle.

Always use when:

- Discomfort is felt or windows are fog-

ging up.

- Use or air flow modes during demist / defrost.
- Use or during normal heating mode.

### 5. AC ON/OFF



Press the button to switch ON/OFF the AC. The indicator lamp in the button will light up when AC is ON.

#### **i NOTE**

*The AC can be switched to 'ON' only if the blower is 'ON' and engine is running.*

When AC is switched to 'ON', engine idling RPM increases marginally to adjust the AC compressor load.

#### **i NOTE**






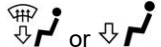

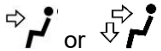



- *Condensate may drip from the underside of the vehicle when it is in cooling mode. Traces of water on the ground are normal and are not a sign of leakage or malfunction.*
- *Ventilate the vehicle for a brief period during warm weather. This will speed up the cooling process and the desired vehicle interior temperature will be reached quickly.*
- *Never cover the air vents or air intake grilles in the vehicle interior.*
- *If the AC is not used for a long period, such as during winter, it may not give the best performance when you start using it again. Operate the AC at least once a month to maintain optimum performance.*
- *While you start the vehicle after a long duration (more than 15 days), follow the procedure for better AC performance:*

- *Start the vehicle and allow the engine to idle for 2-3 minutes. AC should be off in this period.*
- *Switch the AC on and run it for another 2~3 minutes while the engine idles. This circulates the refrigerant and oil to lubricate the internal parts of the air-conditioning system.*

## INTERIOR FEATURES

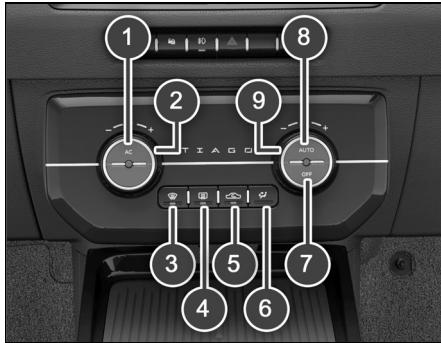
### 6. Functions and Setting

Here are the recommended basic settings of the control elements of air conditioning system for the respective operating modes. These may vary depending on individual requirements and weather conditions:

| Settings              | Control Knob Position   |  |  | Button Position  |   |
|-----------------------|---|--|--|--|---|
| Functions             | A. Air Temperature<br> | B. Blower Speed<br> | C. Air Flow Direction<br> | D. Fresh / Recirculation air mode<br> | E. AC ON / OFF<br> |
| <b>Normal heating</b> | Desired temp.   | 2 <sup>nd</sup> or 3 <sup>rd</sup> dot   |                           | Fresh air mode.  | As desired  |
| <b>Quick heating</b>  | To the extreme right up to the stop   | To MAX speed and then 2 <sup>nd</sup> or 3 <sup>rd</sup> dot   |                           | Briefly switch ON to Recirculation mode then Fresh air mode  | As desired  |
| <b>Normal Cooling</b> | Desired temperature   | 1 <sup>st</sup> to 3 <sup>rd</sup> dot   |                           | Recirculation mode   | Switched ON   |
| <b>Quick Cooling</b>  | To the extreme left up to the stop  | To MAX speed and then 2 <sup>nd</sup> or 3 <sup>rd</sup> dot   |                           | Recirculation mode   | Switched ON   |
| <b>Demisting</b>      | Desired temperature   | 2 <sup>nd</sup> or 3 <sup>rd</sup> dot   |                           | Fresh air mode (Default)   | Switched ON (Default)   |
| <b>Defrosting</b>     | To the extreme right up to the stop   | To MAX speed   |                           | Fresh air mode (Default)   | Switched ON (Default)   |

### Fully Automatic Temperature Control (FATC) (If equipped)

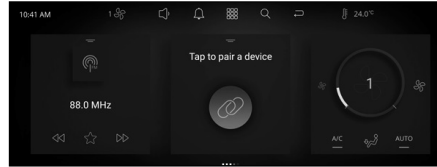
FATC system controls the in-cabin temperature of the vehicle automatically and provides maximum passenger convenience regardless of outside weather conditions.



1. AC compressor ON / OFF button
2. Blower speed control knob
3. Maximum Defrost button
4. Rear window demister button
5. Fresh Air / Recirculation button
6. Air Distribution (mode) button

7. OFF button
8. Auto ON selection button
9. Temperature control knob

### Display Unit



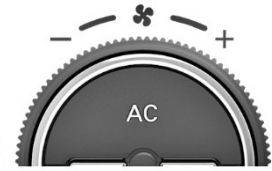
FATC display is shown on main display screen.

FATC functions can be controlled using both the FATC control panel and the touch screen display.

Whenever the user tap the FATC drawer, its expands & displays different climate control setting options like Temperature ,blower speed etc. and so on used for managing the climate control.

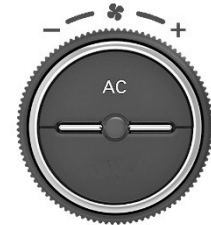
### FATC Controls

#### 1. AC ON / OFF Button



Press the AC compressor ON/OFF button to turn the air conditioning ON or OFF. The AC icon shall be activated on the display when the AC is ON.

#### 2. Blower Speed Control button



Rotate the knob clockwise to increase & anti-clockwise to decrease the blower

## INTERIOR FEATURES

speed.

### 3. Max Defrost Button

A. This button directs the main airflow towards wind-screen for faster defrosting. (It also overrides all modes).



B. When you turn off the button, the system returns to its previous settings.

#### **i** NOTE

*For your safety make sure you have a clear view through all the windows before driving.*

### 4. Rear Window Demister Button

This button turns the rear window demister ON or OFF. The system will be deactivated after 15 min of continuous operation.



### 5. Fresh Air / Recirculation Button

A. When the recirculation button is switched 'ON', air from the vehicle's interior is sent throughout the system.



B. When the recirculation button is switched 'OFF', air is brought in from outside of the vehicle (fresh mode). Whenever discomfort is felt, switch to fresh air mode.

#### **i** NOTE

*The outside air intakes for the climate control systems are at the base of wind-screen. Keep this area clear from leaves and other debris.*

The system should be used with recirculation air mode for faster heat up and cool down, however keeping the system in recirculation mode, particularly with AC OFF, can cause the windows fog up.

#### **i** NOTE

*When reverse gear is selected, air inlet may switch to recirculation mode if it is in fresh air mode, to prevent exhaust fumes from entering the cabin.*

### 6. Air Distribution (Mode) Button

In AUTO mode, the FATC system will regulate the mode automatically. However, user override is possible with the use of MODE button to select the desired airflow mode.

Each time you press the MODE button, the display shows the mode selected.

|  |   |
|--|---|
|  | Directs air through the center and side air vents                       |
|  | Directs air through the center, side and foot vent                      |
|  | Directs air through the foot air vents                                  |
|  | Directs air through the defroster & foot vents (Default fresh air mode) |



Directs air through the defroster vents (Default fresh air mode)

### 7. "OFF" button



Press the OFF button to switch 'OFF' the system. OFF will be displayed on the infotainment screen.

### 8. Auto ON selection button



To put the automatic climate control in fully automatic mode:

- Press the 'AUTO' button.
- Set the desired temperature by turning temperature control knob. The display will

show all the functions during 'AUTO' mode.

C. The system automatically selects the proper mix of conditioned and / or heated air that will, as quickly as possible, raise or lower the interior temperature to your preference.

D. When you set the temperature to its lower limit (Lo) or its upper limit (Hi), the system runs at full cooling or heating only. It does not regulate the interior temperature.

#### NOTE

*In 'AUTO' mode, the FATC system will regulate the blower speed automatically.*

#### Semi-automatic Operation

You can manually select various functions of the climate control system when it is in fully automatic mode. All other features remain automatically controlled. Making any manual selection causes the word 'AUTO' in the display to go OFF and overridden

setting is displayed. System will remain in semi-automatic mode till 'AUTO' is repressed.

### 9. Temperature control knob















Turning the temperature control knob clockwise increases the temperature of the air. The desired temperature will be increased by steps of 0.5°C. User can select temperature range from 18°C to 30°C. Whereas the anticlockwise direction decreases the temperature.

#### WARNING


Do not set climate control features while driving.

## INTERIOR FEATURES

### Functions and Settings

| Functions                           | Control Knob Position   |   |   | Button Positon  |   |   |   |
|-------------------------------------|---|---|---|---|---|---|---|
| Settings                            |  |  |  |  |  |  |  |
| <b>Normal heating</b>               | Desired Speed   | Desired Temp  | As desired  | OFF   | OFF   | OFF   |  |
| <b>Quick heating</b>                | Max. speed  | To the extreme right up to the stop   | As desired  | OFF   | OFF   | OFF   |  |
| <b>Normal Cooling</b>               | Desired Speed   | To the right up to the desired temperature  | ON  | OFF   | OFF   | ON  |  |
| <b>Quick Cooling</b>                | Max. speed  | To the extreme left up to the stop  | ON  | OFF   | OFF   | ON  |  |
| <b>Rear Demisting (if equipped)</b> | Desired Speed   | To the right up to the desired temperature  | As desired  | OFF   | ON  | As desired  | As desired  |
| <b>Demisting</b>                    | Desired Speed   | To the right up to the desired temperature  | ON  | OFF   | OFF   | OFF   |  |

## INTERIOR FEATURES

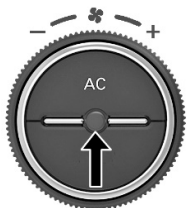
| Functions         | Control Knob Position |  |    | Button Positon |     |     |   |
|-------------------|-----------------------|--|----|----------------|-----|-----|---|
| <b>Defrosting</b> | Max. speed            | To the right up to the desired temperature | ON | ON             | OFF | OFF |  |

## INTERIOR FEATURES

### FATC Sensors

FATC system is fitted with three sensors.

1. A solar sensor on the windshield.
2. In-car sensor on HVAC control panel.



3. Outside Ambient Temperature (OAT) sensor located under the front bumper grill.

#### **i** NOTE

- Do not cover or spill any liquid on sensors.
- Do not cover sensor, this may cause the sensor to malfunction. This may lead to FATC not functioning to desired level.

### Quick Cooling

If your vehicle is parked under the sun, you can cool it down fast by following the steps given below:

1. Start the engine.
2. Turn the A/C on and make sure the temperature control is set to the lowest. In case of FATC set temperature to 'Low' mode.
3. Set the blower to maximum speed
4. Slightly open the windows and direct the vents towards the face.
5. When the interior has cooled down to a comfortable level, close the windows and set the required temperature, with recirculation mode ON.

### FASCIA SWITCHES (If equipped)

Fascia switches are provided on the center console above HVAC control panel.



1. Surround View Switch
2. Center locking switch
3. Front fog lamp switch
4. Hazard Warning Switch

All above options may or may not be applicable to your vehicle

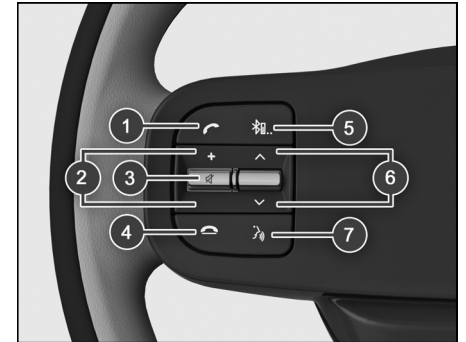
#### **1. Surround View Switch**

Surround view system displays the surroundings around the vehicle to the driver

### STEERING MOUNTED CONTROLS (IF EQUIPPED)

#### Steering Mounted Controls (LHS)

Option I:



#### 1. Phone Receive



Press above switch to accept incoming call when a cell phone is connected via Bluetooth.

for permitting safe and comfortable drive. SVS will be activated when soft switch is pressed.

#### 2. Center Locking Switch

All the doors can be lock and unlock from inside the vehicle by pressing this switch.



#### **i** NOTE

*Ensure that all doors are closed while using the center locking switch.*

#### 3. Front Fog Lamps Switch

In conditions where visibility is poor due to fog, snow or rain, the fog lamps improve visibility as well as making it easier for other road users to see you.



It turns 'ON' when the front fog lamp switch is pushed in with ignition 'ON' and position and parking / head lamp is 'ON'. An indicator on the switch will be illuminated when the front fog light is 'ON'.

#### 4. Hazard Warning Switch

Press the hazard warning switch to activate the hazard warning. All the turn signal lamps will flash simultaneously. To turn OFF, press the switch again.



## INTERIOR FEATURES

### 2. Volume



Press above switch to increase or decrease volume of music system / radio.

### 3. Mute

### 4. Phone Reject



Press the switch to reject or hang up a phone call.

### 5. Source



Press above switch to select the required source in the infotainment system i.e. USB, AM, FM and Bluetooth.

### 6. Seek /preset



If the Seek/Preset switch is pressed up or down. It will function in the following modes.

Radio Mode - It will function as the preset station up/down button.

Media Mode - It will function as the

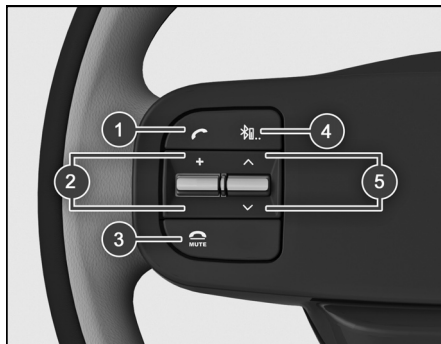
TRACK UP/DOWN button.

### 7. Push To Talk



For Voice Recognition, press this switch. The system mutes/pauses the currently played audio and you will hear a beep sound to indicate the activation of the voice recognition feature. The system displays the voice recognition screen on Infotainment to indicate activation of the feature.

### Option II:



### 1. Pair Accept/ Call Accept



Press above switch to accept incoming call when a cell phone is connected via Bluetooth.

### 2. Volume Up/ Down



Press above switch to increase or decrease volume of music system.

### 3. Pair Reject/ Call End, Music Play / Pause



Press the switch to reject, mute or hang up a phone call.

### 4. Bluetooth Advertise



Press above switch to enable Bluetooth advertisement on cluster.

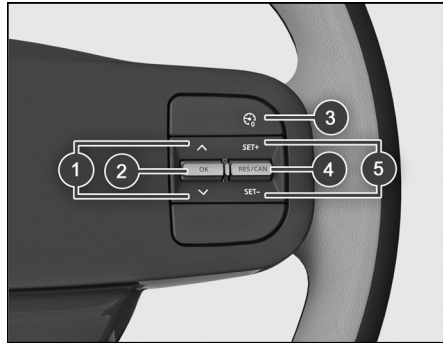
### 5. Previous Track / Next Track



This switch is used to select Next or Previous

TRACK.

### Steering Mounted Controls (RHS)



#### 1. Page Up/down

If cluster screen is selected, with Up/Down switch you can access the submenu screens of a main menu.

#### 2. Selection (OK)

Push the OK button to access/select the submenu screens of a main menu item.

### 3. Cruise ON/OFF

Press the switch to turn ON/OFF the cruise function.

### 4. RES / CAN

To resume a previously set speed, push the RES button and release. This switch is also used to cancel /deactivate (CAN) cruise control system without erasing the set speed from memory.

### 5. SET+ / SET-

Accelerate the vehicle to desired speed, Press the SET + to select the required cruise speed. When the cruise control is set, you can increase or decrease the speed by pushing SET+ / SET- buttons respectively.

### Paddle Shifter (if equipped)



- The Paddle shifters allow drivers to shift gear while holding the steering wheel without having to move your hand to the gear lever, making the change safer and quicker. These are mounted behind the steering wheel.
- Paddle shifters are typically used in drive (D) mode.
- The paddles are labeled with +/- sign, indicating whether to upshift or downshift the gear.
- When driver pulls the right paddle (+),

## INTERIOR FEATURES

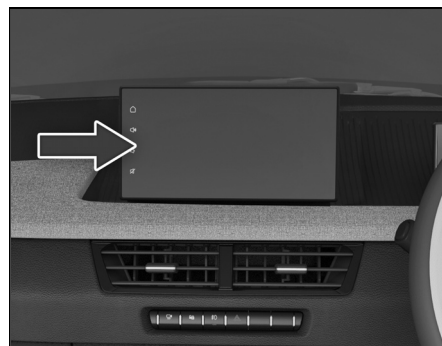
the transmission will shift up to a higher gear based on vehicle speed and torque demand. When the driver pulls the left paddle (-), the transmission will shift down to a lower gear. The system then changes from automatic shift mode to manual shift mode.

- Gear shift lever at drive position and if the user tries to press paddle shifter “+” or “-” and if the required vehicle speed and torque demand is not met then, Transmission warning shift denied message displayed on cluster to warn the user.
- The manual shift mode also changes back to automatic shift mode in one of the following situations:
  - The user has moved the mono stable shifter to “D” position again to enter into Auto mode. (to exit Auto Mode)
  - In manual mode when there is no input received from paddle shifter for 30 seconds and or acceleration input is below 40% then it should come back to Drive mode.

- In Manual mode, if the vehicle comes to standstill (<0.5kmph) from running condition, the Manual mode will exit automatically.

## INFOTAINMENT SYSTEM DISPLAY (if equipped)

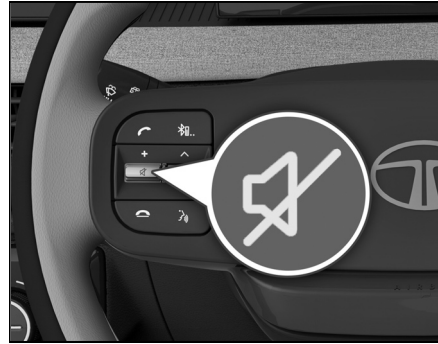
### Option I



### Option II





### Master / Force Reset Process



If your infotainment system touch screen becomes unresponsive or shows some unusual behavior, then you can restart it to potentially resolve the issue. Follow some basic steps given below and you can restart the system.

To restart the infotainment system

1. Park the vehicle.
2. Hold the Steering wheel Mute button (long press)  for more than 10 secs and then release the button as soon as the display goes blank.

3. The step above will trigger the infotainment system restart procedure. Wait until the system restarts.
4. When you hold the Steering wheel Mute button  for more than 15 sec, system aborts restart process and display turns ON.

#### NOTE

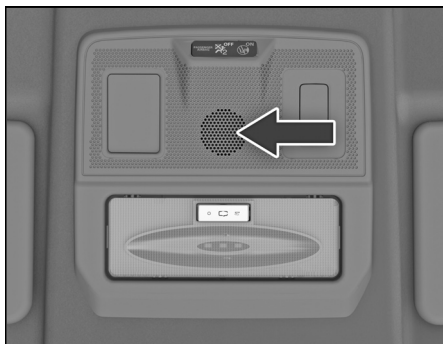
- *It is preferable to do one Ignition OFF to ON cycle after Master/Force reset to synchronize vehicle settings with the TATA Infotainment System.*
- *If the reboot does not work or master/force resets are required on a weekly or daily basis, vehicle shall be taken to dealership. There, the dealer can update your firmware or inspect the system for hardware problem.*
- *Force/Master reset keeps the stored data, such as call history, text message information, and previously paired phones as it is.*
- *To access infotainment manual.*

## INTERIOR FEATURES

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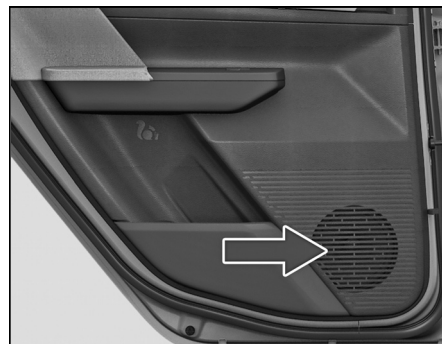
Refer page - <https://cars.tatamotors.com/>

### MIC (If equipped)



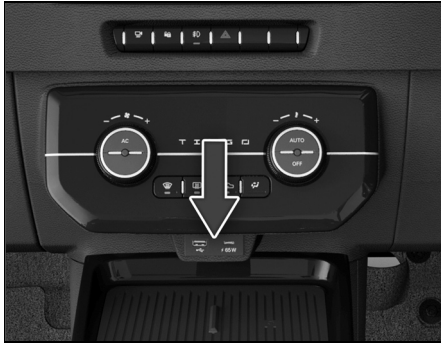
Mic is provided on the roof.

### SPEAKERS



Speakers are available in models with infotainment system. Provisions are given for music system and speakers on versions without infotainment system.

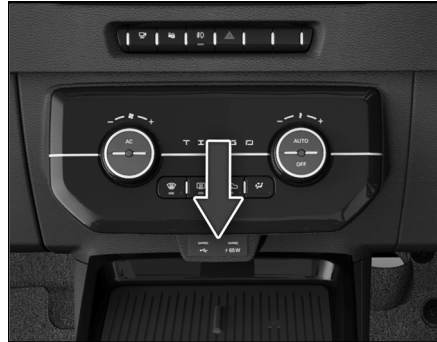
### USB PORT (if equipped) Front A + C Type Charger



A type USB port is used to connect your portable digital music players, pen drives etc. for playing music tracks through the vehicle's music system.

C type USB port is used for fast charging of mobiles which are having C type interface.

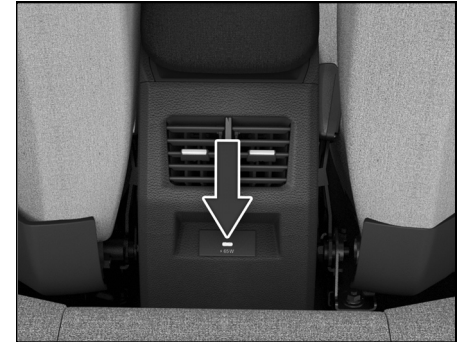
### Front C + C Type Charger



C type media USB port is used to connect your portable digital music players, pen drives etc. for playing music tracks through the vehicle's music system.

C type USB port is used for fast charging of mobiles/ Tablets/ Laptops/ iPad/ iPhone etc.

### Rear C Type Charger

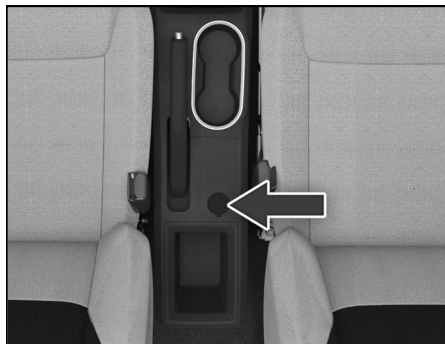


C type USB port is used for fast charging of mobiles/ Tablets/ Laptops/ iPad/ iPhone etc.

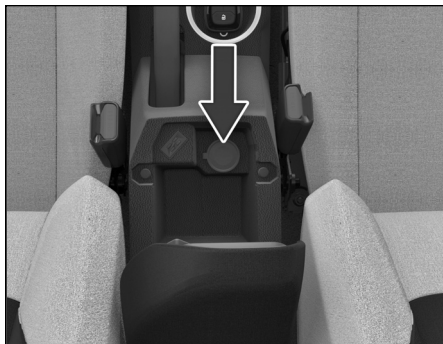
## INTERIOR FEATURES

### POWER SOCKET

The power socket will work when the ignition switch is in the "ACC" or "ON" position. This socket can be used to provide 12V (10A) power for electrical accessories.



**Option I**

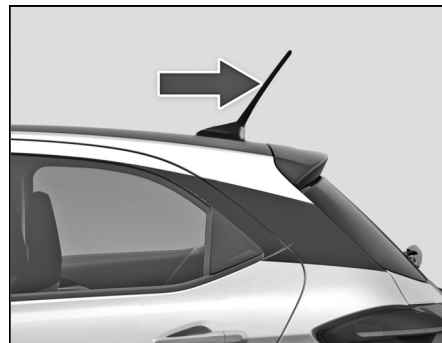


**Option II (Under Armrest)**

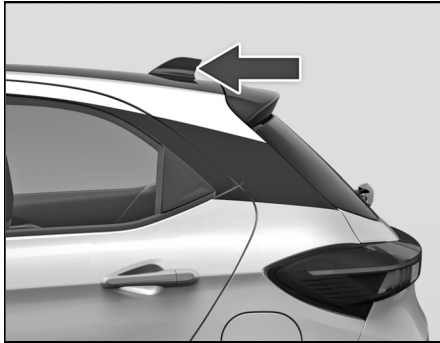
#### **i** NOTE

- *Use of unapproved 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 and rating.*

### ANTENNA



*Rod Type*



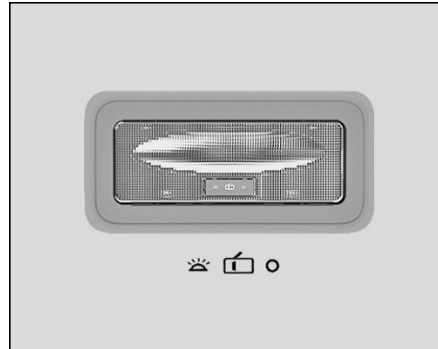
*Shark Fin*


Antenna is located on the roof. Turn the antenna anticlockwise to remove it from the vehicle, if required.

### LAMPS

#### Roof Lamp

Interior roof lighting lamp is provided on the roof with inbuilt switch.



The switch has three positions: 

**ON** - The lamp will turn 'ON' as long as the switch is in this position.

**DOOR** - In this position the lamp turns to 'ON' when either of the doors are opened.

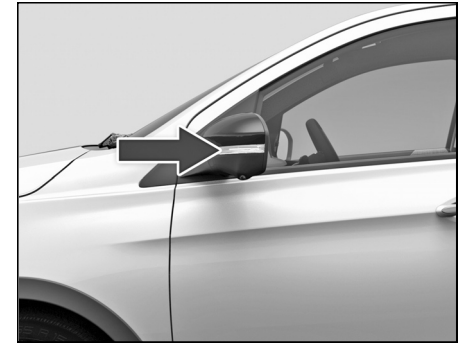
When the last door is  closed, the lamp will turn 'OFF' with dimming. This

helps settling in the seat and inserting the key in the ignition switch. When the key is turned to the 'IGN' position, the lamp goes 'OFF' immediately.

**OFF** - In this position, the lamp will remain

'OFF': 

#### Side Indicator Lamp / Orvm

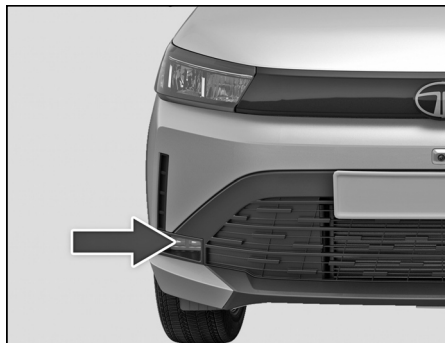


It is provided on outer part of ORVM. It will turn ON when the turn signal indicator switch is ON and Hazard Warning indicator switch is ON.

## INTERIOR FEATURES

### Front Fog Lamp

Front fog lamp is located on front bumper. When visibility is poor due to fog, snow or rain, use the fog lamps to improve visibility as well as making it easier for other road users to see you.



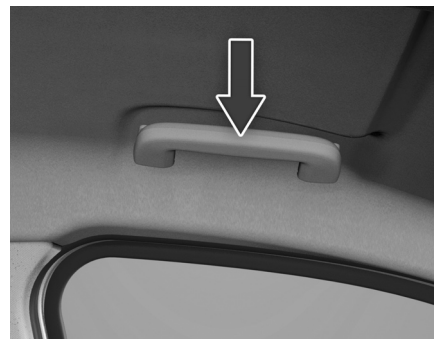
For switching 'ON' the Fog lamps, either the Head Lamp or Parking lamp must be 'ON'.

Operate the front fog lamp switch provided on fascia to 'ON' or 'OFF' the fog lamp.

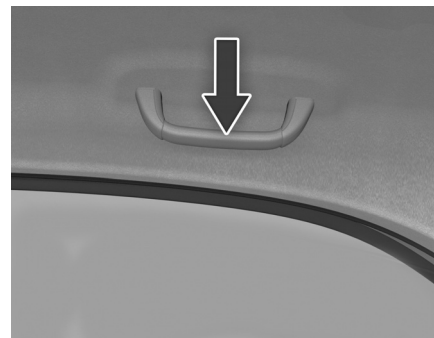
An indicator on the switch will be illumi-

nated when the front fog light is 'ON'.

### ROOF GRAB HANDLE



*Option I*



*Option II*

Grab handles are installed on the roof for all seats except for the driver's seat. These help the passengers to position themselves comfortably during the journey.

**VEHICLE TELEMATICS (If equipped)**

Car is equipped with iRA - Connected car Technology which offers a host of features to the users through the "iRA - Connected car" Mobile Application (APP). The Vehicle is equipped with an Electronic Control unit which monitors & records the data from various vehicle systems like Engine, Transmission, Brake, Battery & other electrical systems. This data is then processed & used for providing the connected Car features. (Refer the app tour section of the mobile app.)

The Connected Car module records the following information:

**Vehicle Telemetry and Health**

This includes the periodic transmission of data from other vehicle ECUs & Electronic systems like EMS, ABS, Air Bag,

BCM along with the geographical location of the vehicle.

**Vehicle driving behavior**

This includes the location, speed, acceleration, trip details etc.

**Event based recording**

This includes data generated during specific events like vehicle collision, intrusion, un-authorized entry etc.

Connected data is used by Tata Motors Passenger Vehicle Limited for various purposes, including, but not limited to, providing connected car features through mobile APP.

- Evaluation of Vehicle performance.
- Research & improvement of current & future vehicle designs.
- Troubleshooting & diagnostics of the vehicle.

TATA MOTORS does not disclose the data recorded from your vehicle to any third party except:

- After obtaining a written consent from the Car Owner.
- Upon request from Law enforcing agencies and regulatory bodies.
- Used for research purpose without the Personal Verifiable information (anonymized).

## INTERIOR FEATURES

- Used as defence of TATA MOTORS in a Lawsuit.

### WIRELESS POWER CHARGING (if equipped)

#### WPC System Description

Wireless Power Charging (is a convenience feature to charge the smart mobile phone using wireless charging technology, without a need to plugin wire in the device.

The WPC system is powered with vehicle battery and the wireless power charging function is enabled with Ignition ON.

#### Qi Compatible Term

**Qi 1.1.4:** refers to certified product with the capability to transmit power of up to 15 W and detect metal and other impurities to prevent heating.

#### **i** NOTE

*The WPC would support only those smart phones which are Qi compatible. Please refer to the smart phone manual or phone settings to check whether it supports Qi function.*

#### **i** NOTE

*Always disable battery optimization mode of your smart phone before using wireless charging.*

#### Location of Wireless Charger



**Location:** The location of the WPC in vehicle is in the Centre console area as below.

### Function of Each Component of WPC

- **Wireless Power Charging (WPC) ECU:** Generates power up to 15W and transfer power wirelessly by magnetic induction.
- **Anti-skid Mat:** Holds the position of smart phone placed on it against any jerk and acts a charging contact surface for the smart phone.
- **Infotainment unit:** It is status display unit to display the status of wireless power charger. Status symbol and text display is displayed on Infotainment unit.

### Functions of WPC System

**A. Charging function:** Charge smart phone

Following all the conditions are applicable in this feature to function correctly

- Ignition ON (Engine OFF)
- Engine ON
- Smart phone placed in correct orientation on the antiskid mat as below



WPC system detects the presence of phone and starts charging as per the Qi standard protocol. The charging status is updated and displayed on the head unit.

### B. Charging Status display function:

1. WPC system in standby mode - WPC system is waiting for phone or phone is not getting detected by the WPC system etc. Customer is advised to check the Qi compatibility/phone alignment/any foreign object between the phone and mat.
2. Smart phone charging ON- Phone is charging

3. Metal object on the antiskid mat - Customer is advised to check any metal object on antiskid mat, if found, it is to be removed.
4. Smart phone battery is full/Charging completed
5. WPC ECU error ("Error" condition indicates abnormal operating conditions internal system fault or fan stuck/jam) - Customer should realign the phone to centre to initiate charging. if problem is not resolved you are advised to visit the TATA MOTORS Authorised Service Center.

### Conditions to Charge Phone Properly

1. Keep the charging surface clear of any metal objects (coins, credit cards, smart cards, keys etc.)
2. Place the smart phone on the charging area marked for positioning the phone, for best results place the smart phone at the centre of the charging pad.
3. Charge the smartphone without its cover or not a thick cover otherwise it would halt the wireless charging

## INTERIOR FEATURES

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4. Ensure that the phone is placed with display facing upwards and charging area touching the charging pad surface.
5. Turn ON the ignition to start the charging.

### INFORMATION

- The wireless charging function is supported to charge smart phones which are Qi compatible. Certain features may not function as not supported by the smart phone manufacturer and not a malfunction of the wireless charging.
- Wireless charging stops with Ignition OFF.
- Wireless charging stops when the smart phone is not completely in touch with the charging pad surface or not positioned correctly on charging pad

### Do's and Don'ts

#### **WARNING**

If any metal object such as coin is located between wireless charging pad and phone back, the charging may get disrupted. Also, metal object may heat up.

#### Do's:

1. Please ensure that the phone is compatible to the charging standard "Qi".
2. If any metal object found on charging pad remove it immediately.
3. In case of water/Liquid spillage on charging pad, dry out the pad surface area properly & clean the ECU surface area by removing Anti-skid mat. Do not charge the smart phone until surface is completely dry.
4. The smart phone may become hot while getting charged. Please be cautious about the high temperature while picking up the smartphone from the charging pad.

5. Wireless charger works on principle of magnetic induction, i.e. it converts electrical energy into magnetic energy to transfer energy from charging pad to phone. Please maintain safe distance from the charger most of the time as it may cause irritation to sensory organs or active implants if implemented in the body. Please consult medical specialist in case implant organ in the body of the user
6. Always turn ON the engine while using this feature to avoid vehicle battery drain issue.
7. Always keep charging pad clean and dust free.
8. Vehicle AC may turn ON during wireless mobile charging for efficient use of this feature.

#### Don'ts:

1. Do not use metal smart phone covers as it would halt the wireless charging function. The wireless charging may not function properly when there is a heavy & thick accessory cover on the smart phone.

2. Do not place smart phone up-side down on charging pad or do not miss aligned mobile phone on charging pad in such case smartphone charging will not happen.
  3. Do not keep any metal objects like coins, smart keys, electronic cards e.g. credit card, debit card, smartcard from the charging pad as it may disrupt the charging process and/or may damage the card.
  4. Do not keep any liquid (e.g. water, cold drink, and sanitizer), flammable object on antiskid mat.
  5. Do not cover the wireless charger with a cloth or other object while charging. It may heat up the device and reduce the charging efficiency.
  6. Do not disassemble, modify or remove the wireless charger & do not apply force or impact to the wireless.
- Information**
1. Small noise may be heard when a smart phone which does not support wireless charging or any foreign object is placed on the charging pad. This small sound is due to the vehicle discerning compatibility of the object placed on the charging pad. It does not affect the vehicle performance or the smartphone in any way.
  2. For certain cellular phones with their own protection, the wireless charging speed may decrease and the wireless charging may stop.
  3. When the interior temperature of the wireless charger rises above a set temperature, the wireless charging will cease to charging function. After the interior temperature drops below set threshold, the wireless charging function will resume.
  4. When the mobile phone temperature rises above a set cut off threshold, the wireless charging will cease to charging function due to mobile phone stops demand power from wireless charger. After the mobile phone temperature drops below threshold, the wireless charging function will resume. Mobile temperature cut off threshold is much lower than WPC temperature cut off threshold.
  5. When charging certain smart phones, the charging full message on head unit may not display when the smart phone is fully charged. It depends on smart phone manufacturer.
  6. Smartphone of some manufacturers may display messages on weak current. This is due to particular characteristic of smartphone and does not imply a malfunction on wireless charger. Smaller smartphone users (ex. iPhone) may face intermittent charging issues due to its smaller size. (To avoid this, place the smartphone at centre of the charging pad). Small mobile phones may not be able to charge in every position on charging pad.
  7. The wireless charger may not operate correctly when the vehicle is near a TV tower, electric power plant, gas station, large display, airport, or other facility that generates strong radio waves or electrical noise.

## INTERIOR FEATURES

### WPC ECU in Standby Mode

The infotainment system displays no warning message/ indication in this mode.

This mode represents that the charging function is halted and not functional. The charging function could halt because of below reasons like:

1. Phone is not properly aligned with the charging pad or not positioned correctly on pad wireless charger in standby mode
2. Phone is kept in upside down position wireless charger in standby mode
3. Phone is fully charged, and phone does not demand power wireless charger in standby mode

### Smart Phone Charging ON Mode

When the smart phone is placed correctly and the conditions are favorable to perform the function of wireless charging, the infotainment system shows following messages. After PopUp, The charging symbol ON until the phone is fully charged.



*Charging Mode ON - PopUp*



*Charging Mode ON - All Time Display*

### Metal Object Detection Mode

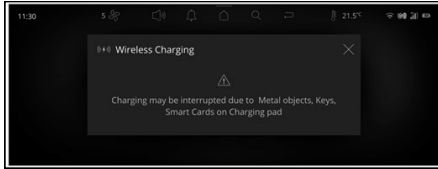
The charging gets interrupted/stopped due to metal object placed on the charging pad. The infotainment head unit displays following message. Check if there are any foreign objects between the smart phone and the charging pad, please clean if so. Smartphone shall be lifted for removing foreign objects and place it back on charging pad.



*Metal Objects*

### **i** NOTE

- *Delay in restarting of mobile charging will be observed if foreign objects are removed without lifting smart phone.*
- *After removing the foreign objects, if smart phone do not resume charging immediately lift the phone and place on charging pad to start the charging.*
- *In case, Phone overheat, remove and keep it after sometime.*



*Metal Object Detected- Popup*

## Smart Phone Battery is Full/ Charging Completed

The smart phone fully charged status is indicated on the infotainment display screen with following message. This Indication depends on phone profile whether it communicate the battery full charge status to WPC System.



*Charging Complete Indication - Popup*

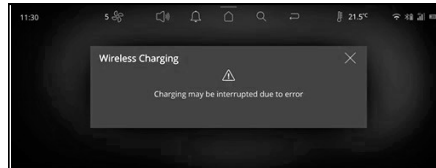
## WPC System Error Mode

The error in the WPC, system may cause the error message to get displayed on the

infotainment screen.

Some of errors that can occur while charging which halt/interrupt charging can be covered with this indication are:

- WPC internal fault which lead to permanent failure in charger functionality
- Coil Failure
- High Temperature of WPC device (70 Degree C)
- Memory failure



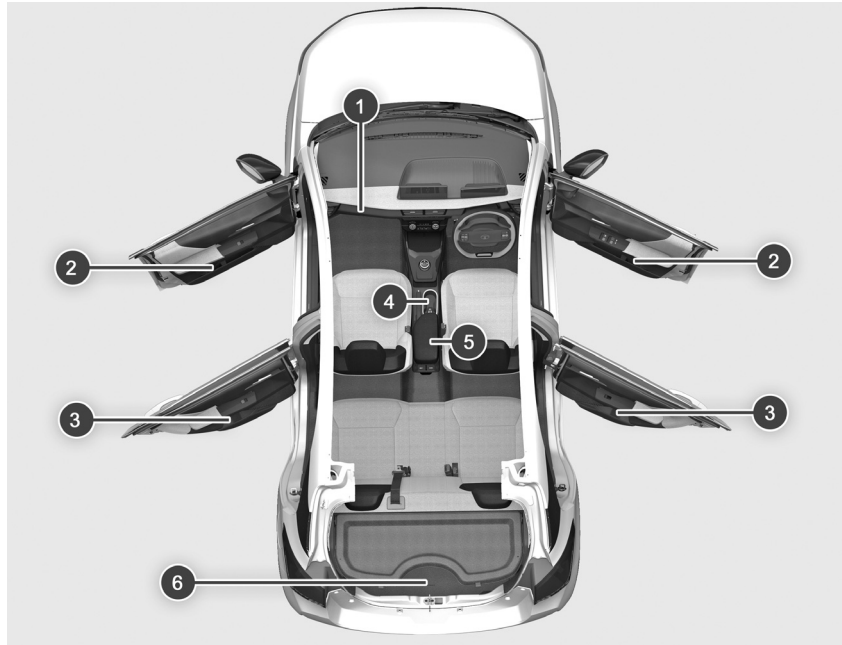
*System Error Mode- Popup*

### **i** NOTE

*If error message pop up on head unit then avoid charging the smart phone and visit the nearby service station.*



STORAGE COMPARTMENT



- 1. Glove box
- 2. Utility pockets on front doors
- 3. Utility pockets on rear doors
- 4. Center console
- 5. Armrest
- 6. Luggage Compartment

## STORAGE AREA

### Glove Box

#### Opening and Closing



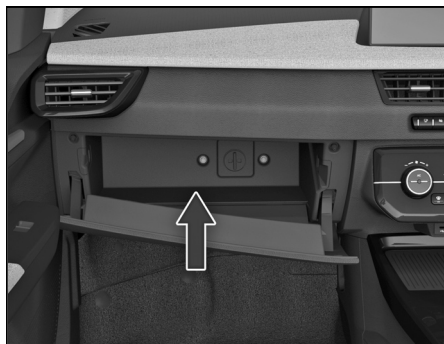
**To open-** Press the knob and open the glove box flap.

**To close -** Lift glove box flap upward until it engages.

#### **i** NOTE

*Make sure that glove box flap is closed while driving.*

#### Stowage Detail (if equipped)



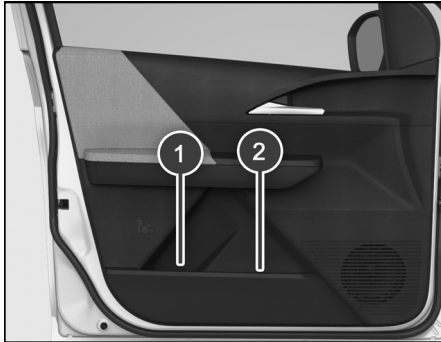
Glove box can be used to store Pen / Visiting cardholder etc.

#### Cooling Facility (if equipped)



On selected models glove box is provided with a cooling facility. It cools the glove box only when the front A/C is ON. Shut OFF the vent by rotating the knob, whenever cooling is not required.

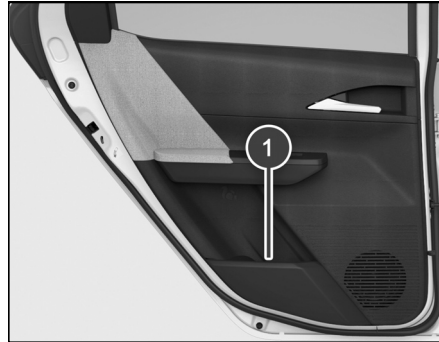
### Utility Pockets on Front Doors



Utility pockets are provided on front doors and it can be used to keep following items.

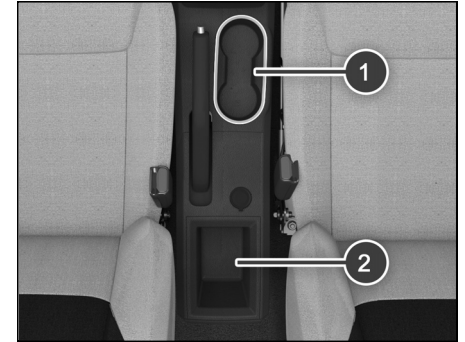
1. Suitable water bottle
2. Magazine / paper / books

### Utility Pockets on Rear Doors



Utility pocket is available on both rear doors and it can be used to keep Suitable water bottle, Magazine/Paper/ books etc.

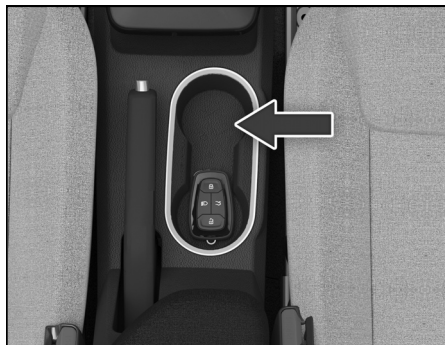
### Center Console Option I



1. Cup holder
2. Bottle holder

## STORAGE AREA

### Option II



Cup holder

### Stowage Below Armrest

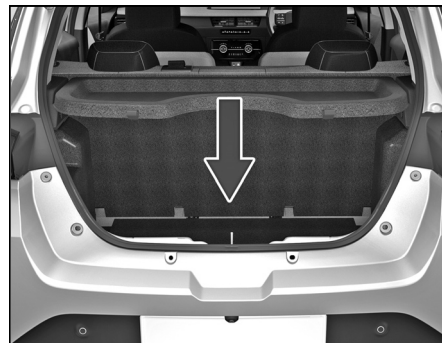


Stowage compartment is provided below the foldable arm rest for keeping cell phones, iPod's, chargers etc.

#### **i** NOTE

*Applicable for models where rear vents are not provided.*

### Tailgate Compartment

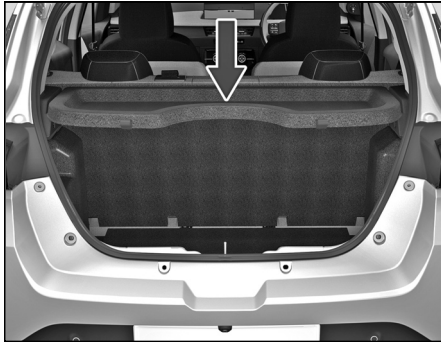


Store the luggage in tailgate compartment. You can keep suitcase, bags, etc.

#### **⚠** WARNING

- Distribute the items of luggage as evenly as possible.
- Position heavy loads towards rear seat and low down in the trunk as possible.
- Do not allow occupants to travel in the luggage compartment.

### Luggage Cover



Luggage cover is designed only for hiding the luggage compartment.

**⚠ WARNING**

Do not place anything on luggage cover as it could obstruct driver's rear view. Also in case of an accident or sudden braking, it could cause an injury to occupants.

### Magazine Pocket

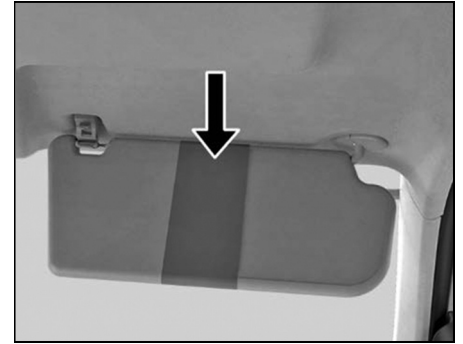


Magazine pocket is provided on rear side of driver and co-driver seat.

**⚠ WARNING**

Do not keep heavy or sharp objects in seatback pockets. In the event of an accident, these items may dislodge and cause injury to the occupants.

### Card Holder (If equipped)

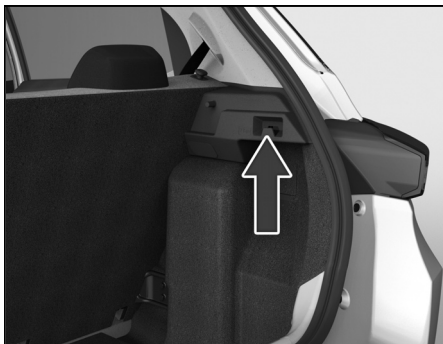


A pocket is provided on the back of the driver side sun visor to keep cards, papers etc.

## STORAGE AREA

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### HOOKS (If equipped)



Carrier hook is provided for hanging small carry bags etc.

## EMERGENCY AND BREAKDOWN

### EMERGENCY EQUIPMENT

You should be familiar with the location of the emergency equipment provided in the vehicle and how to use it.

Do a check of this equipment periodically and make sure that they are in proper working condition and stowed at their locations.

#### First Aid Kit

The first aid kit is kept inside the glove box compartment.

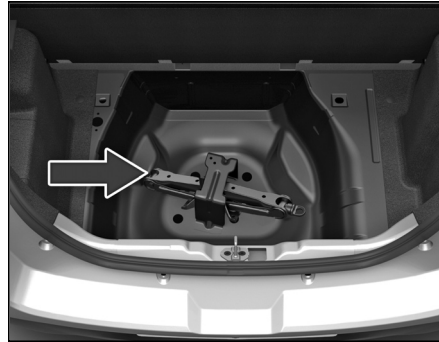
The kit contains items that can be used in case of minor injuries only.

#### **i** NOTE

*Examine contents of the first aid kit periodically and replenish consumed or expired items.*

### Jack, Tool Kit, Tow Hook, and Spare Wheel (if equipped)

#### Jack



A scissors jack is kept inside luggage compartment below the spare wheel.

#### **i** NOTE

*The jack should be used only to change wheels. It is important to read the instructions in this section before attempting to use the jack.*

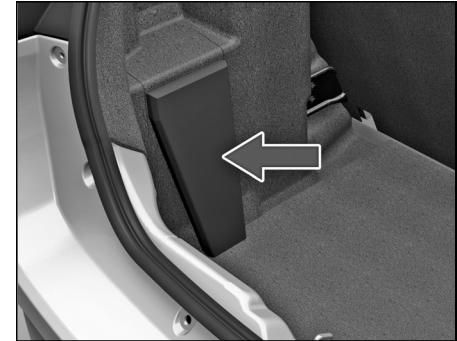
Tool kit, tow hook, jack handle and wheel spanner, are provided in the bag. This

Toolkit is stowed in LH side pocket. Provided in luggage compartment.

#### **i** NOTE

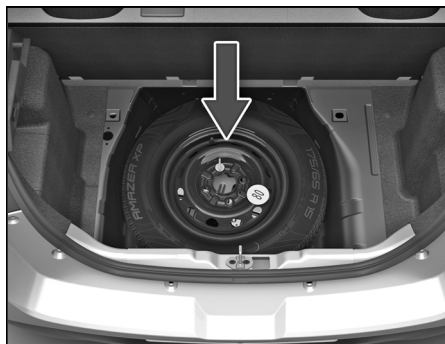
*The tool kit should be properly stored when not in use.*

#### Tool Kit And Tow Hook



## EMERGENCY AND BREAKDOWN

### Spare Wheel



### Advance Warning Triangle

An advance warning triangle is kept in the luggage compartment.

Use advance warning triangle to warn the approaching traffic in case of vehicle breakdown or during emergency, where your vehicle could become a potential traffic hazard.



When you press the hazard warning switch, all turn signal lamps will start to blink.

Keep the warning triangle at an approximate distance of 50-150 m behind your vehicle in the same lane of traffic. The reflecting side of the triangle should face the oncoming traffic and it should be free from any obstacles.

Remove the advance warning triangle carefully from the bag and assemble. Refer instructions given on the bag.

### **i** NOTE

*After using the warning triangle tie it firmly and keep it inside the bag to avoid rattling noise.*

## SPARE WHEEL REMOVAL PROCESS

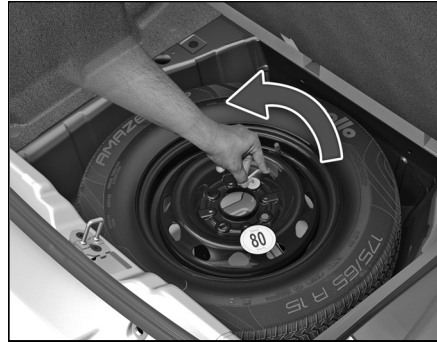
- To access the spare wheel, lift the carpet up.
- After lifting, hold the carpet to access the spare wheel.



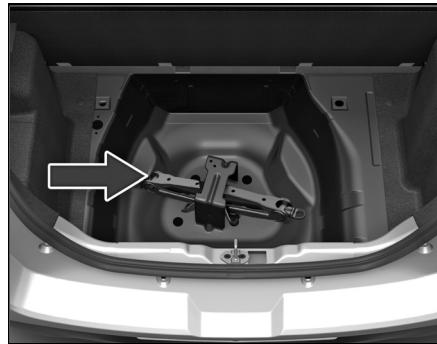
- To remove the spare wheel, unscrew and remove the retaining bolt.

### **i** NOTE

*Place the spare wheel near the flat tyre, maintaining a distance of 5–10 cm from the jacking location*



Remove of Jack



### **⚠** WARNING

- Drive the shortest possible distance with temporary spare wheel. “80 km/h” or “50 mph” is the maximum speed you are permitted to drive with this tyre.
- Never drive faster than 80 km/h (50 mph). Do not accelerate quickly, brake suddenly or drive at high speed through bends. Avoid sharp cornering, abrupt steering, sudden braking and shifting.
- After fitting the temporary spare wheel, the tyre pressure must be checked as soon as possible.
- Recommended tyre pressure is 36 psi (2.48 bar) for temporary spare wheel.
- Snow chains cannot be used on the temporary spare wheel.
- Never use more than one temporary spare wheel.
- Tyre to be loaded within the max allowable load limit specified by the

## EMERGENCY AND BREAKDOWN

load rating index marked on the tyre.

- Tyre to be operated with in the speed limit specified in the speed rating index marked on the tyre
- Do not drive through an automatic car wash.
- Never use a temporary spare tyre if it is damaged or worn down to the tread wear indicators.
- The ground clearance of your vehicle may be reduced. Take care when parking next to curb.
- The temporary spare should not be installed on the front axle if the vehicle must be driven in snow or on ice.
- Do not tow whilst the temporary spare wheel is installed.

### ***i*** NOTE

*When temporary spare tyre is attached, the vehicle speed may not be correctly detected, and the following systems*

*may not operate correctly*

- *ABS & Brake Assist, Dynamic Radar Cruise Control (if equipped), EPS, LDA (Lane departure Alert), PCS (Pre collision system), VSC, TRAC.*
- *Rear View Monitor System*
- *Navigation system*

## IN CASE OF FLAT TYRE

- Reduce vehicle speed gradually, Avoid sudden steering movement or braking.
- Pay attention to the traffic conditions as you do so.
- Switch on the hazard warning lamps.
- Stop the vehicle on solid, non-slippery and level ground, as far away as possible from traffic.
- Use the Jack on level, hard ground. Avoid changing the wheel on uphill and downhill slopes. Chock the wheels, if the deflated wheel needs to be changed on slope / ghat area.
- Set the parking brake firmly and shift in to "R" (Reverse) gear on level ground and while vehicle is in downhill position.
- If possible, bring the front wheels into the straight-ahead position.
- When the vehicle is in uphill position, shift the gear in first gear.
- Switch off the engine.
- Block both the front and rear of the tyre

that is diagonally opposite to the one you're changing.

- Keep advance warning triangle at a suitable distance behind the vehicle as an indication of breakdown.
- Close all the doors.

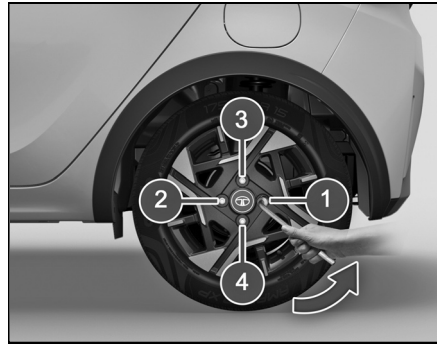
### **WARNING**

If you drive with a flat tyre, there is a risk of the following hazards:

- A flat tyre affects the ability to steer or brake the vehicle.
- You could lose control of the vehicle.
- Continued driving with a flat tyre will permanently damage the tyre and cause excessive heat buildup and possibly a fire. There is a risk of an accident.

### **Changing Flat Tyre**

Loosen the nuts (as indicated) on the wheel in diagonal sequence. Do not unscrew the nuts completely before raising the vehicle using the jack.



### **NOTE**

- *The jack is designed only to raise and hold the vehicle for a short time while a wheel is being changed. It is not suited for performing maintenance work under the vehicle.*

- *Use the jack on level, hard ground. Avoid changing the wheel on uphill and downhill slopes. Always chock the wheels whenever you change the tyre.*
- *Block both the front and rear of the tyre that is diagonally opposite to the one you're changing.*
- *Before raising the vehicle, secure it from rolling away by applying the parking brake.*
- *Do not use wooden blocks or similar objects as a jack underlay.*
- *Do not place your hands and feet or lie under the raised vehicle when it is supported by a jack.*
- *Do not run the engine when the vehicle is supported by the jack and never allow passengers to remain in the vehicle.*
- *Do not open or close a door or the tailgate when the vehicle is raised.*

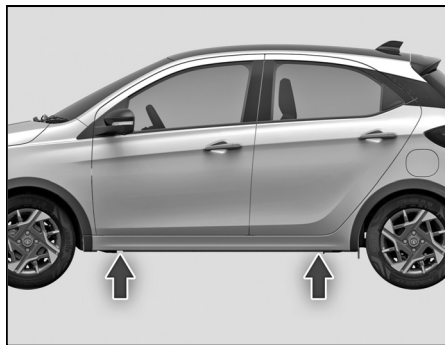
Assemble the Jack handle and wheel spanner (as shown in fig.).

## EMERGENCY AND BREAKDOWN

Position the jack vertically and raise it by turning the jack handle clockwise until the jack sits completely on the specified point and the base of the jack lies evenly on the ground.

The jack up points are indicated by cut-outs on the front and rear.

### Jack Up Point Location on Vehicle



### WARNING

If you do not position the jack correctly at the appropriate jacking point of the vehicle, the jack could tip over with the vehicle raised. There is a risk of injury. Also jack can be damaged.

Continue to raise the jack slowly and smoothly until the tyre clears the ground maximum upto 3cm. Do not raise the vehicle more than required.

Remove wheel nuts with the help of wheel spanner and take out flat tyre.

### NOTE

- Do not raise the vehicle more than necessary.
- Do not place wheel nuts in sand or on a dirty surface. Do not apply oil or grease on it.

Roll the spare wheel into position and align the holes in the wheel studs.

Tighten each nut by hand until the wheel is securely seated on the hub.

Lower the jack completely then tighten the wheel nuts one by one using wheel spanner.

Press fit the wheel cover back (if fitted).

Restore all the tools and jack at their respective locations.

Place the flat tyre at spare wheel location.

### NOTE

*Do a check and correct the tyre pressure and wheel nuts tight-ness of the changed wheel at nearest authorised service station. Get the flat tyre repaired*

*at the earliest  
Place the jack only at recommended  
jacking locations.*

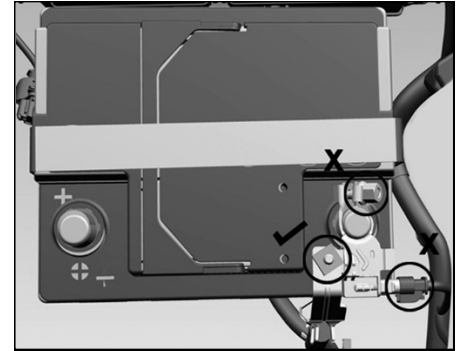
### JUMP STARTING YOUR CAR

Use only a battery of same rating & capacity to jump start your vehicle. Position the booster battery close to your vehicle so that the jump leads will reach both batteries.

When using a battery of another vehicle, do not let the vehicles touch. Apply the parking brake firmly and keep the gearshift lever in neutral.

Turn off all vehicle accessories, except those necessary for safety like hazard warning lamps.

If your vehicle is equipped with Battery sensor, then do not connect your jump start cable lead directly on the Sensor surface. Connect only on the negative cable surface as shown on the image. After jump start event, IAC function will be restored only when the Vehicle is parked in idle for 3-4 Hours.

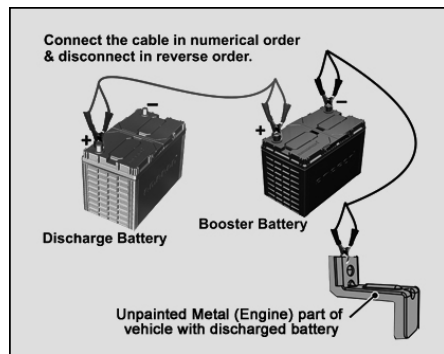


Make jump lead connections as follows:

- Connect one end of the first jump lead to the positive (+) terminal of the discharged battery.
- Connect the other end to the positive (+) terminal of the booster battery.
- Connect one end of the second jump lead to the negative (-) terminal of the booster battery.
- Make the final connection (other end of the negative terminal) to an unpainted, heavy metal part (i.e. engine mounting stud/nut) of the vehicle of discharged

## EMERGENCY AND BREAKDOWN

battery.



- Start the engine of the vehicle with the discharged battery.
- Before disconnecting the jumper cables, let the engine run for several minutes.
- 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.
- Remove the jump leads in the exact reverse order in which you connected

them.

### **i** NOTE

*Do not disconnect the discharged battery from the vehicle.*

### **⚠** WARNING

- Do not connect the jump lead directly to the negative (–) terminal of the discharged battery. This may lead to an explosion.
- Do not allow battery electrolyte to come in contact with eyes, skin, fabrics or painted surfaces. The fluid contains acid which can cause injury and severe damage. Wear protective apparel. Do not inhale any battery gases. Keep children away from batteries. In case if battery acid comes in contact with the skin, wash it off immediately with water and seek medical attention.
- During charging and jump-starting, explosive gases can escape from the battery. There is a risk of an ex

plosion. Particularly avoid fire, open flames, creating sparks and smoking. Make sure that there is sufficient ventilation while charging and jump-starting. Do not lean over the battery.

- Make sure that the positive terminal of a connected battery does not come into contact with vehicle parts. Never place metal objects or tools on a battery.
- It is important that you observe the described order of the battery terminals when connecting and disconnecting a battery. If you are in doubt, seek assistance from qualified specialist workshop.
- Do not connect or disconnect the battery terminals while the engine is running.

### **i** NOTE

*If your vehicle is equipped with a battery sensor, connect the jump start leads on*

*output terminal of battery sensor. Do not connect the jump start leads on sensor surface or battery terminal. This will result of function loss of battery sensor.*

### **PUNCTURE REPAIR KIT (if equipped)**

#### **Introduction**

#### **WARNING**

Compliance with these instructions is vital to ensure vehicle safety. Non-compliance with these instructions means risking tire damage, which can affect vehicle handling and lead to loss of vehicle control. This may result in serious injury or death. Inform all other users of the vehicle if standard items for dealing with a puncture (e.g. spare tire) have been replaced by the Puncture repair Kit.

The Puncture repair Kit seals most tire punctures to restore temporarily mobility. Recommended use only for passenger car ground tires only and vehicle tire inflation pressure up to 300 kPa (3 bar, 43 psi). The system consists of a compressor and a sealant, and serves to effectively and conveniently seal punctures in car tires caused, for example, by nails or similar foreign objects with a diameter of up to

1/4" (6 mm).

Depending on the type and extent of tire damage, some tires can only be partially sealed or not sealed at all. Loss of tire pressure can affect vehicle handling, leading to loss of vehicle control. Observe the following rules when using the Puncture repair Kit:

- Drive with caution and avoid making sudden steering or driving maneuvers, maneuvers, especially if the vehicle is heavily loaded or you are towing a trailer.
- The system will provide you with an emergency temporary repair, enabling you to continue your journey to the next vehicle or tire dealer, or to drive a maximum distance of 200 km (120 miles).
- Do not exceed a maximum speed of 80 km/h (50 mph).
- Keep the Puncture repair Kit out of the reach of children.
- Once the Puncture repair Kit has been used for a temporary tire repair, the functionality of the TPMS module (if

## EMERGENCY AND BREAKDOWN

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applicable) shall be checked by an expert and replaced if necessary.

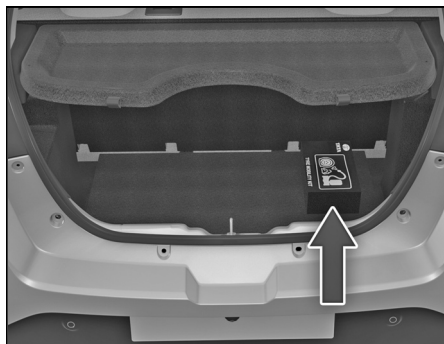
These instructions provide a step-by-step explanation of how to use the Puncture repair Kit to temporarily repair a tire puncture.

Please read the section on “How to proceed in the event of a tire puncture”.

### **WARNING**

Do not use the Puncture repair Kit if the tire has already been damaged as a result of being driven underinflated. Do not try to seal damage other than that located within the visible tread of the tire. Do not try to seal damage to the tire's sidewall.

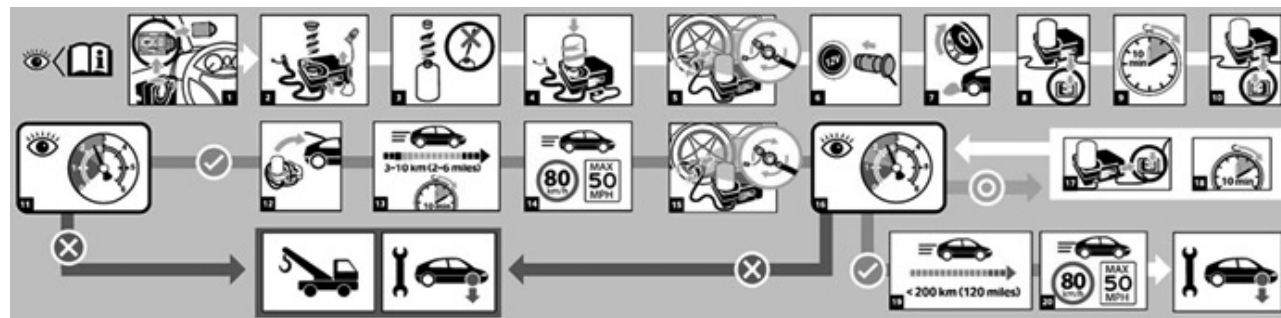
### Location In Vehicle



### Puncture Repair Kit Removal Process

Take out the puncture repair kit.  
Follow the steps given below:

## Steps



## EMERGENCY AND BREAKDOWN

### Instructions On How To Use The Puncture Repair Kit Safely

- Use product with original vehicle ground tires only.
- Only use the Puncture repair Kit with tubeless tires.
- If used for other than its intended purpose, the Puncture repair Kit may cause severe accident or injury due to the fact that compressed air can act as an explosive or propellant.
- Park your vehicle at the roadside so that you do not obstruct the flow of traffic and you are able to use the Puncture repair Kit without being in danger.
- Engage the hand brake, even if you have parked on a level road, to ensure that the vehicle will not move.
- Do not attempt to remove foreign objects like nails or screws penetrating the tire. Leave them as they are.
- Leave the engine running while the Puncture repair Kit is in use, but not if the vehicle is in an enclosed or poorly ventilated area.

- Never leave the Puncture repair Kit unattended while in use.
- Do not keep the compressor operating for more than 10 minutes otherwise there is a risk of it over-heating.
- Replace the sealant bottle with a new one before the expiration date is reached (see bottle label). In case that the sealant is expired the functionality cannot be fully guaranteed. Only use original Puncture re-pair Kit bottles which are pressure resistant.

### How to Proceed In The Event of A Tire Puncture

You can temporarily repair a tire puncture in two steps.

First pump the tire sealant and air into the tire (see Step 1). Immediately thereafter, drive a short distance (3-10 km / 2-6 miles) in order to distribute the sealant in the tire. After that, check the tire pressure and pump more air into the tire if necessary (see Step 2). Then you can proceed to drive with caution for a maximum distance

of 200 km (120 miles) and at a maximum speed of 80 km/h (50 mph).

Inform all other users of the vehicle that the tire has been temporarily sealed with the Puncture repair Kit and make them aware of the special driving conditions to be observed.

### WARNING

Need to drain fluid from tire before repair.

### Step 1: Pumping The Tyre Sealant And Air Into The Tyre

1. Peel off the decal denoting the maximum permissible speed (80 km/h | 50mph) from the casing and attach it to the edge of the windscreen as shown on the picture.
2. Take the hose and power plug with cable out of the Puncture repair Kit casing. Unscrew the orange cap of the bottle connector.
3. Unscrew the red cap of the sealant bottle. (Shake sealant bottle well before use)

### NOTE

*Leave the bottle seal intact. Screwing the bottle onto the bottle holder will pierce the seal of the bottle. Avoid skin contact with the sealant which contains natural rubber latex. Do not open pressure "air release" valve. Please use protective glove for safety purpose.*

4. Screw the bottle clockwise firmly against the slight resistance of the notches onto the sealing gasket of the bottle connector until it is screwed tight.
5. Remove the valve cap from the damaged tyre. Pull the protective cap off the end of the hose and screw the hose firmly onto the valve of the damaged tyre. Make sure that the compressor switch is switched to "0" and the pressure "air release" valve is closed.
6. Insert power plug into the 12 volt power socket connection.
7. Start the engine (only if the vehicle is outdoors or in a well ventilated area).

### WARNING

Asphyxiation may occur if the engine is allowed to run in a non-ventilated or poorly ventilated area (e.g. inside a building)

8. Press compressor switch to "1".

### NOTE

*Check the sidewall of the tyre prior to inflation. If there are any cracks, bumps or similar damage, do not attempt to inflate the tyre. Do not stand directly beside the tyre while the compressor is pumping. Watch the sidewall of the tyre. If any cracks, bumps or similar damage appear, turn off the compressor and let the air out by means of the pressure "air release" valve. In this case, do not continue to use the tyre.*

### NOTE

*When pumping in the sealant through the tyre valve, the pressure may rise up to 500 kPa (5 bar, 73 psi) but will drop*

*again after about 30 seconds.*

9. Inflate the tyre within about 10 minutes to an inflation pressure of minimum 180 kPa, (1.8 bar, and 26 psi) and a maximum of 300 kPa (3 bar, 43 psi).
10. Switch off the compressor briefly in order to read the actual tyre pressure from the pressure gauge.

### WARNING

If heavy vibrations, unsteady steering behavior or noises should occur while driving, reduce your speed and drive with caution to a place where it is safe for you to stop the vehicle. Recheck the tyre and its pressure. If the tyre pressure is less than 130 kPa (1.3 bar, 19 psi) or if there are any visible cracks, bumps or similar damage on the sidewall, do not continue to use the tyre!

11. 12. Once a tyre inflation pressure of at least 180 kPa (1.8 bar, 26 psi) has been reached.
  - Switch the compressor to "0".

## EMERGENCY AND BREAKDOWN

- Pull the power plug from the 12 volt power socket connection.
  - Slowly unscrew the hose from the tyre valve (sealant residues may escape from the hose) and put the protective cap back onto the hose.
  - Leave the bottle in the holder. This avoids unexpected leakage of sealant residue.
  - Make sure the Puncture repair Kit, the cap of the bottle and the orange cap are stored safely, but are still easily accessible, in the vehicle.
  - The kit will be needed again when you check the tyre pressure.
13. 14. Immediately start and drive for about 3-10 km (2-6 miles) so that the sealant can seal the damaged area. Do not drive for more than 10 min and not any faster than 80 km/h (50 mph) (observe the decal indicating the permissible speed).

### WARNING

If heavy vibrations, unsteady steering behavior or noises should occur while

driving, reduce your speed and drive with caution to a place where it is safe for you to stop the vehicle. Recheck the tyre and its pressure. If the tyre pressure is less than 130 kPa (1.3 bar, 19 psi) or if there are any visible cracks, bumps or similar damage on the side wall, do not continue to use the tyre!

### Step 2: Checking The Tyre Pressure

15. Stop the vehicle after driving about 3-10 km (2-6 miles). Check and, where necessary, adjust the pressure of the damaged tyre. Remove the protective cap from the end of the hose. Screw the hose firmly onto the valve of the damaged tyre.
16. Read the tyre pressure from the pressure gauge. If the pressure of the sealant-filled tyre is 130 kPa (1.3 bar, 19 psi) or more, it must now be adjusted to the pressure specified for your vehicle (Refer sticker on vehicle).

### WARNING

If the tyre check shows that the pressure of the sealant-filled tyre is less than 130 kPa (1.3 bar, 19 psi) or if there are any visible cracks, bumps or similar tyre damage on the side wall, you must not continue to use that tyre.

- Make sure that the compressor switch is switched off to "0".
- Insert the power plug into the 12 volt power socket connection.
- Start the engine (only if the vehicle is outdoors or in a well ventilated area).

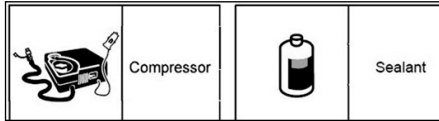
### WARNING

Asphyxiation may occur if the engine is allowed to run in a non-ventilated or poorly ventilated area (e.g. inside a building )

17. 18. Switch the compressor on to "I" and pump the tyre up to the specified tyre pressure within max. 10 minutes.

### WARNING

Compressor unit we can use for filling the air & checking the pressure of the normal tyre.



- Switch the compressor off and check the tyre pressure again. If tyre pressure is too high, deflate the tyre to the specified pressure using the pressure “air release” valve.
- Rest of the remaining sealant in the hose might leak out when opening pressure “air release” valve or taking off the protective cap of the hose. Please use protective glove for safety purpose.
- Once you have inflated the tyre to its correct tyre pressure, switch off the compressor, pull the plug out of the socket, unscrew the hose, fas-

ten the tyre valve cap and put back on the protective cap of the hose.

- Leave the bottle in the holder and store the Puncture repair Kit away safely in the vehicle trunk.

### WARNING

After using the sealant you may drive no faster than 80 km/h (50 mph), and the damaged tyre must be replaced as quickly as possible (with in a maximum driving distance of 200 km (120 miles)). You must not continue to drive if heavy vibrations, unsteady steering behavior or noises should occur while driving.

19. Drive to the nearest workshop to get the damaged tyre repaired and if the tyre repair is not possible, tyre should be removed from the car. Before the tyre is removed from the rim, inform your tyre dealer that the tyre contains sealant. Sealant deposits in a used hose may impair proper function of the Puncture repair Kit. Both the sealant bottle and the hose need to be replaced together after using the Punc-

ture repair Kit.

### NOTE

*Remember that emergency roadside tyre repair kits only provide temporary mobility. Regulation concerning tyre repair after usage of Puncture Repair Kit may differ from country to country. You should consult a tyre specialist for advice.*

### WARNING

Before driving, ensure tyre is adjusted to recommended inflation pressure as indicated on vehicle placard. Monitor tyre pressure until sealed tyre is replaced. Proceed as described above from point 15 onwards.

### NOTE

*New sealant and replacement parts can be purchased from your authorized repair shop or dealer. Sealant bottles can be disposed with house-hold waste.*

## EMERGENCY AND BREAKDOWN

### TOWING

When towing a break down vehicle, certain precautions and procedures must be taken to prevent damage to the vehicle and/or components. Failure to use standard towing precautionary measures when lifting or towing a break down vehicle could result in an unsafe operating condition.

To correctly tow and prevent accidental damage to your vehicle, take help of a TATA MOTORS authorized dealer or a commercial tow-truck service.

#### NOTE

*Make sure that the parking brake is released; vehicle is in neutral and steering wheel is unlocked. The power steering functions only when engine is running. Hence, during towing the steering efforts will be more.*

#### WARNING

- Do not get under your vehicle after it has been lifted by a tow truck.

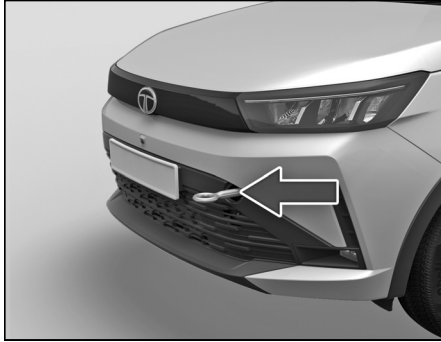
- For towing a vehicle, the best way is to use a wrecker. Alternatively use a rigid tow bar.
- Switch 'ON' the hazard warning indicators of both the vehicles to warn other road users.
- Limit the speed to 20-30 kmph.
- In case of brake failure, use the parking brake to control the vehicle.
- Fasten the tow rope or tow bar at the towing eyes. Otherwise, the vehicle could be damaged.
- When towing, pull away slowly and smoothly. If the tractive power is too high, the vehicles could be damaged.

#### Tow Hook Fitment

- Open the tailgate and remove tow hook from the tool kit.



- Open the tow hook cover provided on the front bumper by pressing it at the bottom part and simultaneously pulling it at the top (as shown in fig).



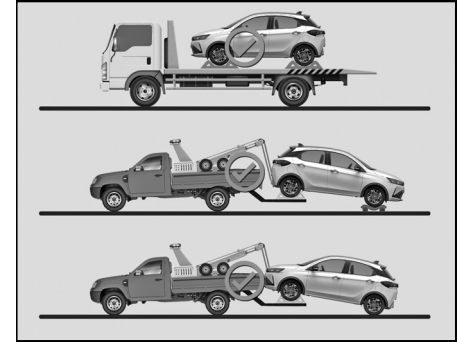
- Screw in and tighten the tow hook in clockwise direction until the tow hook is securely installed.
- After towing, remove the towing hook and press fit the cover properly.
- Place the towing hook in the vehicle tool kit.

### Recommended Towing

In case of break down, we recommend that your vehicle be towed with the driving wheels off the ground or place the vehicle on a flatbed truck as shown.

#### WARNING

- Do not tow your vehicle with the front wheels on the ground or four wheels on the ground (forward or backward), as this may cause serious damage to the transmission.
- When towing with the rear wheels on the ground or on towing dollies, place the ignition switch in the 'ACC' or 'ON' position, and secure the steering wheel in the straight-ahead position with a rope or similar device.

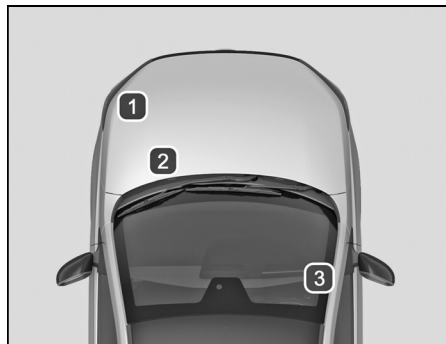


## EMERGENCY AND BREAKDOWN

### FUSES

Your vehicle has fuse boxes at three locations.

The vehicle's electrical circuits have fuses to protect the wiring from short circuits or sustained overload.



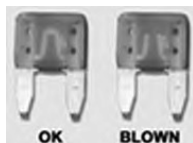
1. Battery Mounted Fuse Box.
2. Engine Compartment Fuse Box.
3. Cabin Compartment Fuse Box.

### Checking and Replacing Fuses

If any electrical unit in your vehicle is not functioning, check the fuses first.

Please follow the steps below that will guide you to check and replace them.

- Apply parking brake
- Switch off all electrical accessories.
- Turn the ignition key to the 'LOCK' position.
- In the fuse box, identify the defective fuse from its melted wire.



- Remove the defective fuse by "fuse puller". The fuse puller and spare fuses are provided in the engine compartment fuse box.



- Defective fuses must be replaced with fuses of same rating, which you can recognize by color and value.

#### **i** NOTE

*Always make sure that the spare fuses are added.*

- Make sure that all other fuses are pressed firmly in position.
- If a newly inserted fuse also blows, have the cause traced and rectified at nearest TATA MOTORS Authorized Dealer/Service Center immediately.

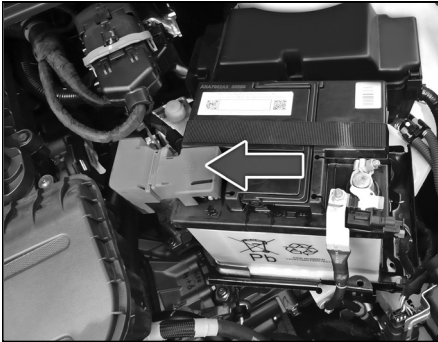
### WARNING

- If you manipulate or bridge a faulty fuse or if you replace it with a fuse with higher amperage, the electric cables could be overloaded. This could result in a fire. There is a risk of an accident and injury.
- Always replace faulty fuses with the specified new fuses having the correct amperage.

### WARNING

If fuse box cover is removed for any reason, it should be refitted properly in its original position.

### Battery Mounted Fuse Box





## EMERGENCY AND BREAKDOWN

| Fuse No. | Function                  | Rating |
|----------|---------------------------|--------|
| F1       | INTERIOR F/B 2 IGNITION   | 60A    |
| F2       | ABS/ESP ECU               | 40A    |
| F3       | -                         | -      |
| F4       | RADIATOR FAN              | 40A    |
| F5       | EPAS                      | 60A    |
| F7       | INTERIOR F/B 1 BATTERY    | 60A    |
| F8       | EMS ECU MAIN RLY          | 30A    |
| F10      | IGNITION LOAD             | 60A    |
| F11      | TRANSMISSION CONTROL UNIT | 30A    |
| F12      | COMPRESSOR                | 10A    |
| F13      | S T A R T E R SOLOINOID   | 25A    |
| F14      | ABS/ESP ECU               | 25A    |
| F-15     | HEAD LAMP LOW BEAM        | 15A    |
| F-15     | HEAD LAMP (HIGH/LOW BEAM) | 20A    |
| F16      | HORN HIGH/LOW TONE        | 15A    |

|     |                           |     |
|-----|---------------------------|-----|
| F17 | TRANSMISSION CONTROL UNIT | 10A |
| F18 | EMS BATTERY               | 10A |
| F19 | HEAD LAMP HIGH            | 15A |
| F20 | FUEL PUMP                 | 15A |
| F21 | IBS                       | 5A  |
| F22 | CNG PRESSURE REGULATOR    | 5A  |
| F23 | CNG INJECTOR              | 10A |
| F24 | FRONT WIPER MOTOR         | 20A |
| F25 | ABS/ESP ECU IGN           | 5A  |
| F26 | -                         | -   |
| F27 | TRANSMISSION CONTROL UNIT | 10A |
| F28 | REVERSE & BRAKE LAMP      | 10A |
| F29 | REAR WIPER                | 10A |
| F38 | EMS ECU SUPPLY            | 20A |
| F39 | EMS SENSORS & RELAYS      | 15A |
| F40 | PETROL INJECTORS          | 10A |
| F41 |                           | 5A  |

|     |                             |     |
|-----|-----------------------------|-----|
|     | STARTER RELAY FEEDBACK      |     |
| F43 | STOP LAMP                   | 10A |
| F44 | TPMS (if equipped)          | 5A  |
| F45 | RH HEAD LAMP & HL LEVELLING | 10A |
| F46 | LH HEAD LAMP & HL LEVELLING | 10A |



## EMERGENCY AND BREAKDOWN

| Relay No. | Function           | Rating |
|-----------|--------------------|--------|
| R1        | ACC RELAY          | 40A    |
| R2        | BLOWER RELAY       | 40A    |
| R3        | -                  | -      |
| R4        | BUZZER             |        |
| R5        | TAILGATE LATCH RLY | 20A    |
| R6        | HRW RELAY          | 20A    |
| R7        | CDL LOCK RELAY     | 20A    |
| R8        | CDL UNLOCK RELAY   | 20A    |
| R9        | -                  | -      |
| R10       | IGNITION RELAY     | 20A    |
| R11       | AMT REVERSE LAMP   | 20A    |
| R12       | -                  | -      |
| R13       | WW LINVERSION RLY  | 20A    |

| Fuse No.   | Function                  | Rating      |
|------------|---------------------------|-------------|
| C115A F-1  | BLOWER MOTOR              | 30A         |
| C115A F-2  | BCM                       | 20A         |
| C115A F-3  | IGNITION SW               | 5A          |
| C115A F-3  | PEPS                      | 10A         |
| C115A F-4  | AMBIENT LIGHT             | 5A          |
| C115A F-5  | MIRROR ADJUST MOTOR       | 5A          |
| C115A F-6  | MODULE KL.15 I/P          | 10A         |
| C115A F-7  | RESTRAINTS CONTROL MODULE | 10A         |
| C115A F-8  | EPAS                      | 5A          |
| C115B F-1  | CDL                       | 15A         |
| C115B F-1  | ACC-1                     | 15A         |
| C115B F-2  | ACCESSORIES FUSE          | 5A          |
| C115-B F-3 | BCM                       | 20A         |
| C115B F-4  | KEY IN                    | 5A          |
| C115B F-4  | PEPS/BLOWER RLY           | 5A          |
| C115B F-5  | POWER SKT CONSOLE         | 15A         |
| C115B F-6  | ACC CONN. 2/OBD           | 15A         |
| C115B F7   | TRANSIST/INFOTAINMENT     | 15A/<br>25A |
| C115B F-8  | HEATED REAR SCREEN        | 25A         |
| C115C F-1  | BCM                       | 20A         |

## EMERGENCY AND BREAKDOWN

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|            |                     |     |
|------------|---------------------|-----|
| C115C F-2  | CLUSTER             | 5A  |
| C115C F-3  | HVAC/FATC           | 10A |
| C115-D F-1 | REV LAMP & BRAKE SW | 10A |
| C115-D F-2 | FRONT USB CHARGER   | 5A  |
|            |                     | 10A |
| C115-D F-3 | REAR USB CHARGER    | 10A |
| C115-D F-4 | PDC IGN SUPPLY      | 5A  |
| C115-D F-5 | -                   | -   |
| C115-D F-6 | INFO DISPLAY        | 5A  |
| C115-D F-7 | T/G LATCH           | 10A |
| C115-D F-8 | WIRELESS CHARGER    | 5A  |

**BULB SPECIFICATION**

| Sn | Description                  | Rating       | Type | Qty. |
|----|------------------------------|--------------|------|------|
| 1  | HIGH BEAM (Option I)         | 55W, 12V     | H7   | 2    |
| 2  | LOW BEAM (Option I)          | 55W, 12V     | H7   | 2    |
| 3  | HIGH BEAM (Option II)        | 17W, 13.5V   | LED  | 2    |
| 4  | LOW BEAM (Option II)         | 22W, 13.5V   | LED  | 2    |
| 5  | TURN SIGNAL FRONT            | 12W, 13.5V   | LED  | 2    |
| 6  | FOG LAMP FRONT               | 7W, 13.5V    | LED  | 2    |
| 7  | POSITION LAMP FRONT          | 5W, 12V      | W5W  | 2    |
| 8  | DRL                          | 17W, 13.5V   | LED  | 2    |
| 29 | POSITION LAMP REAR           | 3.55W, 13.5V | LED  | 2    |
| 10 | STOP LAMP                    | 21W, 13.5V   | W21W | 2    |
| 11 | TURN SIGNAL REAR             | 21W, 13.5V   | W21W | 2    |
| 12 | REVERSE LAMP                 | 21W, 13.5V   | P21W | 1    |
| 13 | REAR REGISTRATION PLATE LAMP | 5W, 12V      | W2W2 | 2    |
| 14 | HIGH MOUNTED STOP LAMP       | 5W, 12V      | W2W2 | 5    |
| 15 | ROOF LAMP                    | 12V          | LED  | 1    |
| 16 | SIDE REPEATER LAMP           | 5W, 12V      | WY5W | 2    |

## EMERGENCY AND BREAKDOWN

### 24 X 7 ROADSIDE ASSISTANCE

Dear Customer,

It is our responsibility and our endeavor to ensure that you have our complete service backup if ever, wherever and whenever you need the same. When you have a road network that spans wide area, the probability of a breakdown happening within hailing distance of a TATA MOTORS Authorized Workshop is very low.

It is precisely for this reason, we have tied up with TVS AA, who will provide on-road services for repairable breakdown assistance including towing to the nearest TATA MOTORS Authorized Workshop through their Authorized Service Providers (ASP).

The 24X7 Roadside Assistance Program shall be automatically available to your vehicle for the duration of Warranty period. The program shall also be available, if you avail the same post warranty.

### Response Time \*\* for the Roadside Assistance Program

|  |                          |
|--|--------------------------|
| Within city Limits                     | 60 minutes               |
| On state or National Highways          | 90 minutes               |
| Ghat Roads and Hilly Terrain           | 120 minutes +/-          |
| States of North-East, J&K and Himachal | Same Day (Within 24 Hrs) |

\*\* (The response time will depend on the location, terrain, traffic density and the time of the day.)

### Standard Procedure When Calling for On-Road Assistance in Case of a Breakdown:

- Dial the toll free help line number – **1800 209 8282**
- Identify your vehicle with the Vehicle chassis number that is available in the Owner's Manual.
- Explain your exact location with landmarks and tell us about the problem you face with the vehicle.

- Park your vehicle on the edge of the road, open the bonnet and put on the hazard warning signal.
- Place the advance warning triangle supplied with the vehicle approx. 3 m from the vehicle in the direction of on-coming traffic.



### Coverage Under 24 X 7 Roadside Assistance Program

- I. The **24x7 Roadside Assistance** Program Service covers the following services on your vehicle during warranty period.
- Wheel change through spare wheel.
  - Arrangement of fuel. (Fuel cost will be chargeable at actual cost).
  - Re-opening the vehicle in cases of key

lock out.

- Rectification of electrical problems related to battery, fuses etc.
- On spot repairs for complaints repairable at site. ^
- Vehicle to vehicle towing or winching & towing for non-accident cases up to the nearest TATA MOTORS Authorized Dealer/Service Center. Towing charges at actual cost beyond the same to be paid online to the ASP. (Any ferry or toll charges levied in relation to the vehicle being towed to be paid by the customers in actuals).

For accident cases, towing charges to be borne by the customer.

**II. The 24x7 Roadside Assistance** Program coverage on availing the 24X7 policy, post warranty is up to maximum of 6 instance of assistance in one year for both the plans Basic and Premium. In the premium plan, this includes 2 instances of towing up to the nearest TATA MOTORS Authorized Dealer/Service Center.

### **Exclusions**

#### **24 X 7 Roadside Assistance Program does not Apply to**

- Cost of parts consumables and labor for such repairs not covered under warranty\*. These charges are to be settled with ASP in online.
- Toll or ferry charges paid by ASP in reaching to the breakdown site to be settled with ASP in actuals.
- Cases involving accident, fire, theft, vandalism, riots, lightening, earthquake, windstorm, hail, tsunami, unusual weather conditions, other acts of God, flood, etc.
- Vehicles that are unattended, unregistered, impounded or abandoned.
- Breakdown/defects caused by misuse, abuse, negligence, alterations or modifications made to the vehicle.
- Lack of maintenance as per the maintenance schedule as detailed in the owner's manual.
- Cases involving racing, rallies, vehicle testing or practice for such events.

### **Disclaimer**

- The Service is not available in Lakshadweep.

\*\*The reach time is indicative & the actual reach time will be conveyed by the call center at the time of breakdown call.

- The reach time can vary depending on the traffic density & time of the day.
- The reach time indicated does not account for delays due to but not limited to acts of God, laws, rules & regulations for time being in force, orders of statutory or Govt. authorities, industrial disputes, inclement weather, heavy down pour, floods, storms, natural calamities, road blocks due to accidents, general strife and law & order conditions viz. fire, arson, riots, strikes, terrorist attacks, war etc.
- \* The decision for free of charge repairs will be as per the warranty policy & procedures of TATA MOTORS PASSENGER VEHICLE LIMITED and as per the interpretation of the same by ASP. You will be duly informed by the ASP & call center for the change appli-

## EMERGENCY AND BREAKDOWN

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cable if any.

- ^ On spot repairs at breakdown site shall depend on nature of complaints & will be as per the discretion of the ASP.
- All charges wherever applicable need to be settled directly with the ASP.

### Exclusion of Liabilities

- It is understood that TATA MOTORS shall be under no liability whatsoever in respect of any loss or damage arising directly or indirectly out of any delay in or non-delivery of, defect/deficiency in service/parts provided by ASP.
- In case vehicle cannot be repaired on-site, customers are advised to use the towing facility for taking their vehicle to the nearest TATA MOTORS authorized workshop only. In no condition shall the vehicle be towed to any unauthorized workshop. TATA MOTORS will not be responsible for any repairs carried out in such unauthorized workshop.
- Customer are advised to take acknowl-

edgment from the ASP for the list of accessories/extra fittings and other belongings in the vehicle as well as the current condition related to dents/scratches breakages of parts/fittings of the vehicle at the time of ASP taking possession of the vehicle & to verify these items when delivery is taken back by them, Claim for loss of or damage to items, if any should be taken up with ASP directly. TATA MOTORS shall not be responsible for any such claims, damages/loss or any deficiency of service of the ASP.

- Vehicles will be handled, repaired & towed as per the customer's risk & TATA MOTORS shall not be liable for any damages / claims as a result of the same.
- Services entitled to the customers can be refused or cancelled on account of abusive behavior, fraudulent representation, malicious intent and refusal to pay the charges for any charges related services and spare parts during service or on previous occasions on part of the customer.

- On site repairs may be temporary in nature. The completion of repairs does not certify the road worthiness of the vehicle. The customer is advised to ensure temporary repairs carried out on-site is followed by permanent repairs at a TATA MOTORS Authorised Dealer/Service Center at the earliest. Terms and conditions and service coverage, exclusions etc. are subject to change without notice.

**FUEL SPECIFICATION****Fuel (petrol)**

Always use only unleaded fuel having an Octane Rating 91 / AKI (Antiknock Index) 87 or higher. Your vehicle is equipped with E20 compatible fuel system materials. It is recommended to use Petrol, Ethanol blends upto 20% only. Make sure those blended fuel has no lower Octane Rating as recommended for Petrol.

***i* NOTE**

*Never use leaded fuel. This could deteriorate catalytic converter and damage emission control system and affect the environment.*



## TECHNICAL SPECIFICATION

### LUBRICANT SPECIFICATION

Use following genuine fluids, coolants and lubricants recommended for optimum performance of your vehicle.

| Item   | Specification                       | Company         | Brand  | Quantity                   |
|--|-------------------------------------|-----------------|--|----------------------------|
| Engine oil   | 0W20 LOW ASH<br>BS VI SS6588        | Castrol         | Magnatec Professional T 0W20                       | Petrol - 3.5 L<br>CNG - 4L |
|  |                                     | Exxon Mobile    | Mobil Super 3000 TMGO 0W20 Tata motors genuine oil |                            |
|  |                                     | Petronas        | TATA MOTORS GENUINE OIL – Engine Oil synth<br>0W20 |                            |
| Coolant (pre-mixed Antifreeze agent + Soft water 40: 60 ratio) | Class II/JIS K2234<br>TATA SS7700S1 | Sunstar CCI     | Golden Cruiser LLC2200NP                           | 4 L                        |
|  |                                     | CASTROL         | Castrol Radicoolant SFO Premix                     |                            |
| Transaxle oil  | GEAR OIL<br>SAE 75W70<br>SS6595     | M/S. IOCL       | Servo Syngear TM 75W-70                            | 1.7 L                      |
|  |                                     | M/S. HPCL       | HP Syngear 75W70 (T)                               |                            |
|  |                                     | M/s.Exxon Mobil | Mobil Super TM Genuine Transaxle Oil 75W-70        |                            |
| Brake fluid/<br>Clutch fluid                                   | DOT4<br>SAE J1703,<br>SAE J1704     | PETRONAS        | Tutela Brake fluid DOT 4                           | As required                |
|  |                                     | Sunstar CCI     | Golden Cruiser Tata Genuine Brake Fluid (DOT4)     |                            |
|  |                                     | CASTROL         | Optional - CASTROL- Universal Brake Fluid DOT 4    |                            |
| Refrigerant  | R-134 A                             | -               | -  | 600 ±20 gm                 |
| Compressor oil   | SP10                                | Sandan Vikas    | -  | 120 ± 15cc                 |
| AMT Kit oil  | Hydraulic Oil                       | PETRONAS        | TUTELA Cs – Speed                                  | As required                |

### NOTE

*Check AMT Kit oil level at every service, it should be in between min. & max. level when the vehicle is in standstill and ignition ON condition. Top up AMT kit oil if necessary.”*

## TECHNICAL SPECIFICATION

### TECHNICAL INFORMATION

| Parameter                  | Petrol  |
|----------------------------|---|
| <b>Engine</b>              |   |
| Mode/type                  | REVOTRON 1.2 L  |
| Capacity                   | 1199 cc   |
| Max. Engine output         | 63 kW @ 6000 rpm  |
| Max. Torque                | 113 Nm @ 3300 +/- 100 rpm   |
| <b>Clutch</b>              |   |
| Type                       | Dry, Single plate   |
| Outside diameter of clutch | 200 mm  |
| <b>Transaxle</b>           |   |
| Model                      | TA 65*  |
| Type                       | Synchromesh with Overdrive  |
| No. of gears               | 5-Forward, 1- Reverse   |
| <b>Steering</b>            |   |
| Type                       | Electric Power Assisted Steering System   |
| <b>Brakes</b>              |   |
| Brakes                     | Front (Disc); Rear (Drum)   |
| Parking Brake              | Cable Operated Mechanical (Variable Lever Ratio)  |
| <b>Suspension</b>          |   |
| Types                      | Independent, lower wishbone, Mcpherson strut with coil spring (Front)<br>Semi-independent twist beam with coil spring and shock absorber (Rear) |

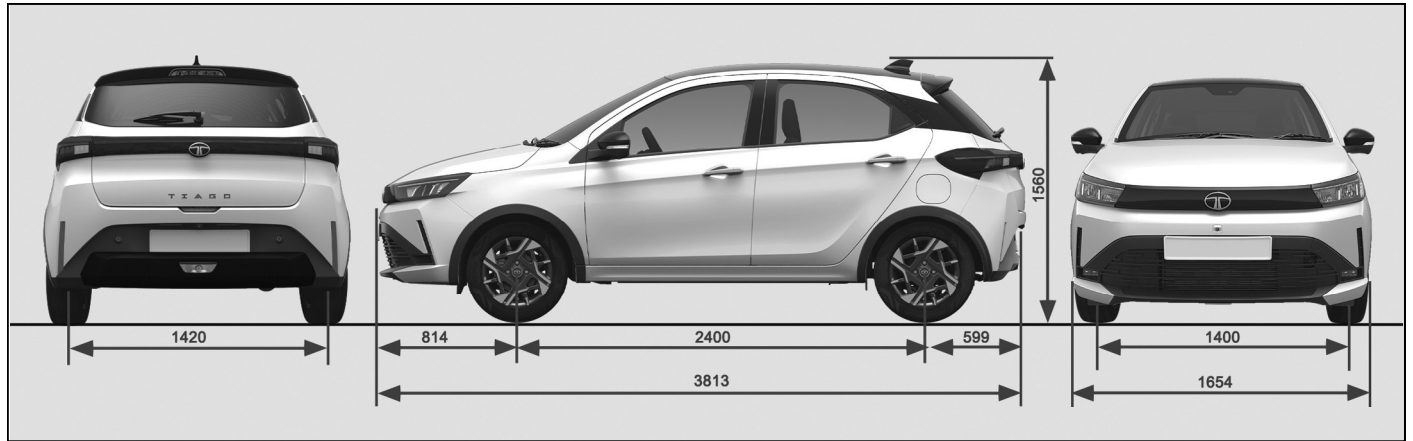
## TECHNICAL SPECIFICATION

| Parameter                      | Petrol  |
|--------------------------------|---|
| Shock absorber                 | Double acting telescopic type, Hydraulic, Gas filled  |
| Wheels and Tyre                |   |
| Tyres                          | Option I :175/65 R14 86T(Radial / Tubeless);<br>Option II :175/60 R15 81H (Radial / Tubeless);<br>Option III : 155/80 R13 79T (Radial / Tubeless) |
| Wheel rims                     | Option I :5J X 14" ;<br>Option II :5.5J X 15" ;<br>Option III : 4.5J X 13"  |
| Fuel tank                      |   |
| Capacity                       | 35 liters   |
| Cab/body                       |   |
| Type                           | Semi-mono volume, mini size, 5 door hatchback, steel monocoque body   |
| Electrical system              |   |
| System Voltage                 | 12 Volts (-ve earth)  |
| Alternator Capacity            | 110 Amp   |
| Battery                        | 12V, 52 Ah  |
| Main Chassis dimension (in mm) |   |
| Wheel base                     | 2400  |
| Track front                    | 1400  |
| Track rear                     | 1420  |
| Overall length                 | Option I - 3767; Option II - 3804   |
| Overall height                 | Option I - 1535; Option II - 1537   |

## TECHNICAL SPECIFICATION

| Parameter   | Petrol    |
|---|-----------|
| Max. Width  | 1677      |
| Ground clearance (laden)                                    | 134       |
| <b>Performance</b>  |           |
| Max Speed   | 160 kmph  |
| Max. Recommended gradability                                | 14 degree |
| Minimum Turning Circle Dia. In meter as per IS: 12222       | 9800      |
| Minimum Turning Clearance circle dia. in mm as per IS:12222 | 10200     |
| <b>Weight (in kg)</b>                                       |           |
| Gross vehicle weight (Laden)                                | 1354-1415 |
| Kerb weight (unladen)                                       | 954-1015  |

VEHICLE DIMENSIONS

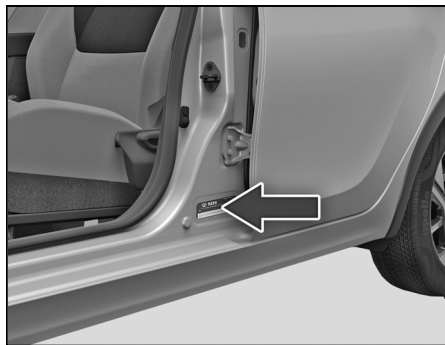


The above shown image is for reference purpose only.

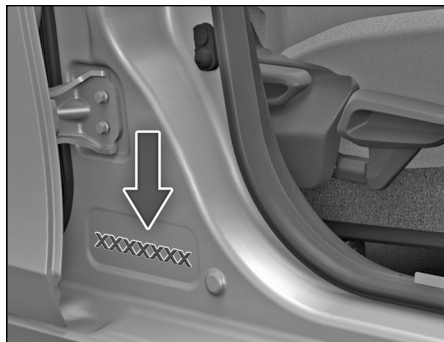
NOTE: Dimensions are in mm unladen condition.

## TECHNICAL SPECIFICATION

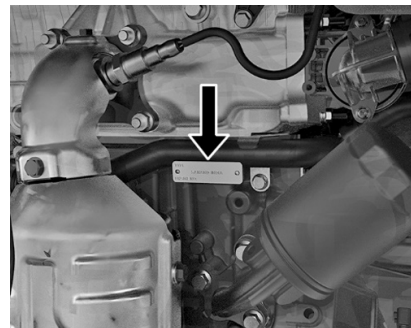
### AGGREGATE IDENTIFICATION NUMBERS



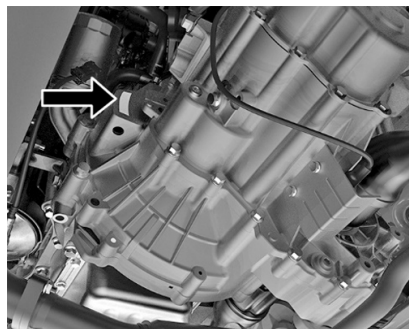
*VIN plate location near front passenger seat*



*Chassis No. punching near driver seat*



*Engine No. plate Petrol*



*Transaxle No. Punching (TA 65\*)*

ENGINE COMPARTMENT



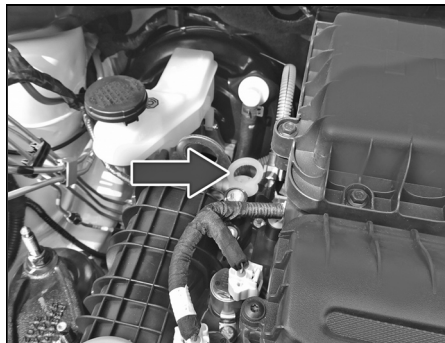
*Note: The above image is for reference purpose only.*

- |                           |                                |                   |
|---------------------------|--------------------------------|-------------------|
| 1. Brake fluid reservoir  | 4. Windshield washer container | 7. Battery        |
| 2. Dip stick - Engine oil | 5. Air Filter                  | 8. Auxiliary tank |
| 3. Engine oil filling cap | 6. Fuse & relay box            |                   |

## MAINTENANCE AND CARE

### LUBRICANT LEVEL CHECKING

#### Engine Oil Level



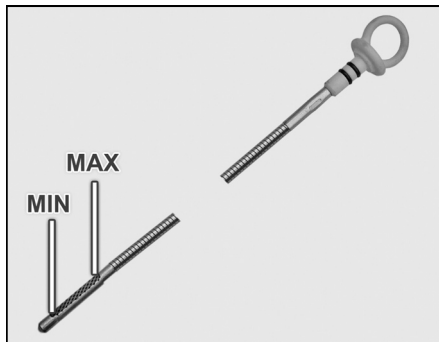
Warm up the engine to normal operating temperature.

Turn it 'OFF' and wait for 5 minutes for the oil to return to the oil pan. Be sure the vehicle is on a level surface.

Take out the dipstick, wipe it clean, and reinsert it fully. Pull it out again and examine the oil level. It should be between 'MIN' and 'MAX' level. If not, top up with recommended engine oil.

#### **i** NOTE

*The oil consumption depends upon the driving style and the conditions under which the vehicle is used.*

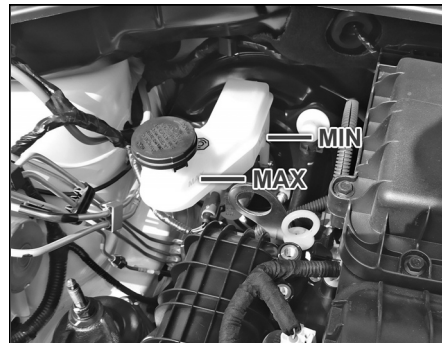


#### **i** NOTE

*Do not remove the filler cap when the engine is running.  
Do not add oil above than the MAX. mark. Oil level above the MAX. mark may cause engine damage*

*For location of Engine oil filling cap and dip stick, please refer image of the respective Engine Compartment.*

#### Brake Fluid Level



The level of the brake fluid should be between the 'MIN' and 'MAX' marks provided on the side of the brake fluid container. If the level falls below the 'MIN' mark, add recommended brake fluid.

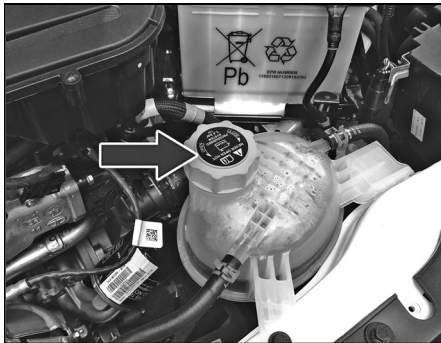
#### **i** NOTE

*Do not allow brake fluid to make contact with the skin or eyes.*

*Do not allow brake fluid to splash or spill on the paint surface as it will damage the paint. In case of spillage, wipe it off immediately.*

**For location of Brake Fluid Container and filling cap, please refer respective Engine Compartment.**

### Engine Coolant Level



Examine whether the coolant level is between the 'MIN' and 'MAX' marks provided on the coolant reservoir.

When the coolant level is low, top up with

recommended coolant through filler of No loss tank until the level approaches the max level line. Refer 'Technical information' section.

### **NOTE**

*In case of emergency, a large amount of water without engine coolant may be added in order to reach a vehicle service location.*

Whenever coolant has been added, the coolant level in the coolant reservoir should be checked the next few times you drive the vehicle to confirm correct level.

**For location of Engine coolant container and filler cap, please refer image of Engine Compartment.**

### **NOTE**

*Topping up of the coolant should be done in the auxiliary tank only.*

Make sure that only TATA MOTORS recommended coolant is used. Mixing of different coolants may harm your engine's cooling system and its components. Do not add extra inhibitors or additives to the coolant. These can be harmful and compromise the corrosion protection of the engine coolant.

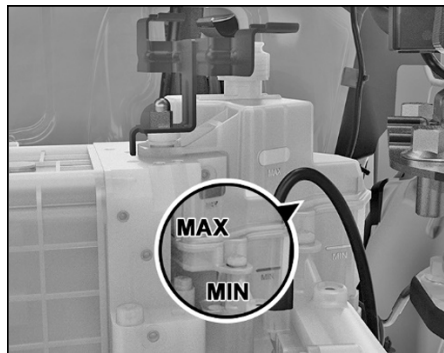
## MAINTENANCE AND CARE

### WARNING

The engine cooling system is pressurized, particularly when the engine is warm. When opening the cap, you could be scalded by hot coolant spraying out. There is a risk of injury.

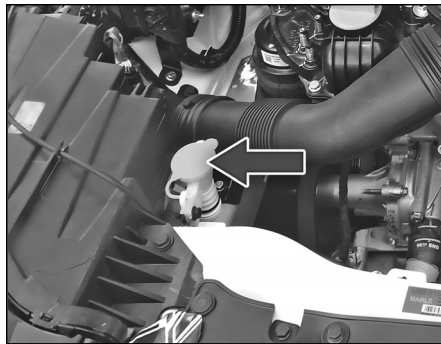
Let the engine cool down before opening the cap. Wear eye and hand protection when opening the cap. Open the cap slowly half a turn to allow pressure to escape.

### Checking Amt Oil Reservoir Level



The level of the AMT oil reservoir level should be between the 'MIN' and 'MAX' marks on the side of the container. If the level falls below the 'MIN' mark, add recommended oil.

### Windshield Washer Fluid Level



Examine if there is washer fluid in the tank. Fill it if necessary. Use a good quality windshield washer fluid, diluted with water as necessary.

### NOTE

*Do not use detergent or any other additive in the windshield washer reservoir. This can severely impair visibility when sprayed on the windshield, and can also damage your vehicle's paint. Do not operate washer motor with no fluid in washer tank, washer motor will be damaged*

*For location of Windshield Washer Container and filling cap, please refer image of the respective Engine Compartment.*

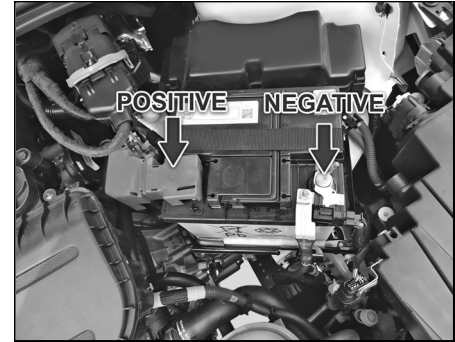
### BATTERY

- Examine the battery for electrolyte level against the marking on the battery outer case.
- Examine the battery terminals for corrosion (a white or yellowish powder). To remove it, wash the terminals with a solution of baking soda. It will bubble up and turn brown.
- When this stops, wash it off with plain water. Dry off the battery with a cloth or paper towel.
- Apply petroleum jelly to the terminals to prevent further corrosion.
- Use a proper wrench to loosen and remove cables from the terminals.
- Always disconnect the negative (-ve) cable first and reconnect it last.
- If your vehicle is equipped with Battery Sensor, then disconnect only the Sensor Output Cable. Do not remove the Sensor, Sensor connector completely as this will result in the loss of sensor function temporarily. Sensor functionality will be restored when the Vehicle

is parked for 3 hours without any operation.

- Clean the battery terminals with a terminal cleaning tool or wire brush.
- Reconnect and tighten the cables, coat the terminals with petroleum jelly.
- Make sure that the battery is securely mounted.
- If you need to connect the battery to a charger, disconnect both cables to prevent damage to the vehicle's electrical system.
- If your vehicle is equipped with Battery Sensor, connect the jump start leads on output terminal of Battery Sensor. Do not connect the jump start leads on Sensor surface or Battery terminal. This will result of function loss of Battery sensor. Refer the Battery Sensor image for do's and don'ts.

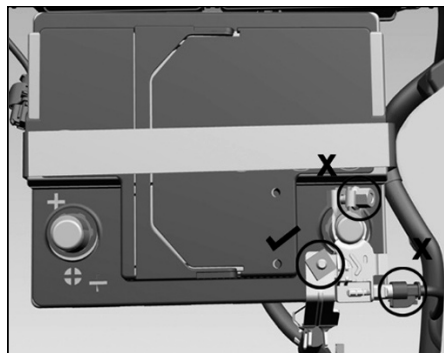
***For location of battery, please refer image of the respective Engine Compartment***



#### **NOTE**

*Use only authorized Battery recommended by TATA Motors. Use of any other unauthorized battery will result into intelligent alternator control (IAC) function deterioration.*

## MAINTENANCE AND CARE



### **i** NOTE

- *During normal operation, the battery generates gas which is explosive in nature. A spark or open flame can cause the battery to explode causing very serious injuries.*
- *Keep all sparks, open flames and smoking materials away from the battery.*
- *The battery contains sulphuric acid (electrolyte) which is poisonous and highly corrosive in nature. Getting*

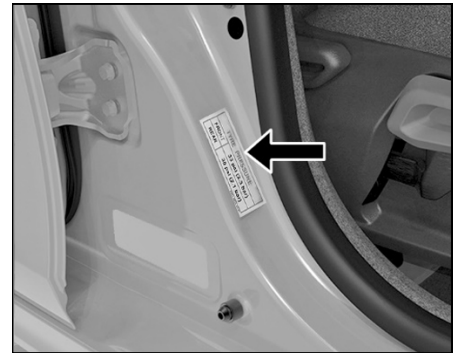
*electrolyte in your eyes or on the skin can cause severe burns. Wear protective clothing and a face shield or have a skilled technician to do the battery maintenance.*

## TYRES



|   |                       |                             |
|---|-----------------------|-----------------------------|
| 1 | Under inflation       | Excessive side tread wear   |
| 2 | Correct tyre pressure | Uniform wear                |
| 3 | Over inflation        | Excessive center tread wear |

### Tyre Pressure Sticker Location



### Tyre Rotation

To increase tyre life rotate the tyre at specified intervals or earlier depending on the operation of vehicle. The illustrations shows how to rotate tyres.

**For 175/60 R15 & 175/65 R14 tyre with temporary tyre equipped, use below tyre rotation pattern**

### Recommended Tyre Pressure

| Tyre Size  | Ver-sion | Front (psi/b ar) | Rear (psi/b ar) | Spare     |
|------------|----------|------------------|-----------------|-----------|
| 175/65 R14 | Petrol   | 33 / 2.28        | 30/ 2.07        | 36 / 2.48 |
| 175/60 R15 |          | 36 / 2.48        | 36 / 2.48       | 36 / 2.48 |
| 155/80 R13 |          | 33/ 2.28         | 30/ 2.07        | 36 / 2.48 |

#### **i** NOTE

*This is for reference. Kindly refer Tyre pressure as indicated on tyre pressure sticker provided on vehicle.*

### Inflation

Do a check of the tyre pressure and the tyres condition periodically.

Examine the pressure in the tyres when they are cold.

Keep the correct pressure in the tyres for the best combination of riding comfort, handling, tyre life and optimum performance.

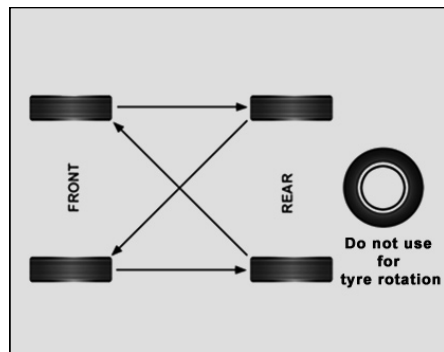
Over inflation of tyres makes the vehicle ride bumpy and harsh. Tyres are more prone to uneven wear and damage from road hazards.

Under inflated tyres reduce comfort, affects handling and increases the operating temperature, which can result in failure. They also cause uneven wear and bring down the performance of the car.

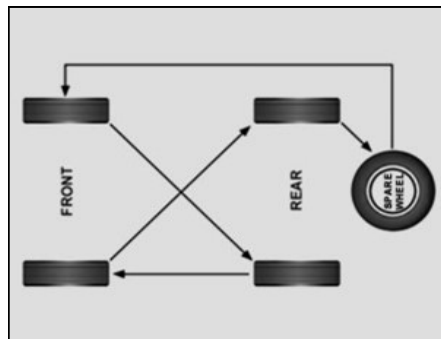
#### **i** NOTE

*Every time you check inflation pressure, you should also examine tyres for uneven wear, damage and trapping of foreign objects in the treads and wear.*

## MAINTENANCE AND CARE



For 155/80 R13 tyre, use below tyre rotation pattern



### **i** NOTE

- Do not use spare wheel for tyre rotation, in case of temporary spare wheel used.
- Two or more temporary tyres should not be used on one vehicle.
- Tyre pressure of temporary wheel is to be checked at least once in a month.

### Wheel Alignment

Incorrect wheel alignment causes excessive and uneven tyre wear. Check wheel alignment at specified intervals

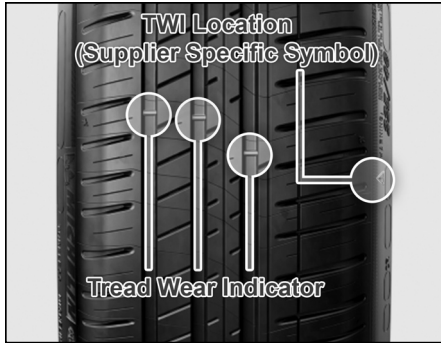
### Wheel Balancing

Wheels of your vehicle are balanced for better ride comfort and longer tyre life. Balancing needs to be done whenever tyre is removed from rim.

### **⚠** WARNING

If the vehicle vibrates abnormally on a smooth road, have the wheel balanced done immediately.

### Thread Wear Indicator (TWI)



Tread wear indicator (TWI) a ribs of approx. ~1.6 mm height moulded inside tread grooves which help to identify worn-out tyres. This is available on multiple location around the tyre and it can be shows by triangle making (supplier-specific symbol) next to tread pattern.

When the tread is worn up to TWI height, tyre must be replaced.

### Wheel Covers



Insert a piece of cloth between the spokes of the wheel cover and pull it outwards. Take out detached wheel cover from the wheel rim.

When installing the cover, make sure that it is positioned so that it does not cover the air filling valve. Apply equal pressure at the circumference of the wheel cover to fix it in the wheel rim.

### NOTE

*Do not use any sharp tools (such as screw driver etc.) to remove the wheel cover.*

### Special Care for Tubeless Tyres

- When you remove the tyre and install it back on the rim, take pre-cautions not to damage tyre bead. Use tyre removal and assembly machines. Damage or cut on tyre bead may cause gradual loss of air and deflation of tyre.
- Do not scratch the inner surface of tubeless tyre with metallic or sharp object. Tubeless tyres are coated with impermeable layer of rubber from the inner surface which holds the air in the tyre. Removal of this layer due to scratching may cause gradual loss of air and deflation.
- If wheel rim gets damaged in service, get the wheel rim repaired/ replaced immediately. Running the vehicle with damaged rim may cause deflation of tyre and subsequent dislodging of tyre

## MAINTENANCE AND CARE

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from rim.

- Keep the recommended inflation pressure. Over-inflation, in particular, may cause puncture or bursting of tyre.

### NOTE

*Life and wear pattern of tyres depends on various parameters like tyre pressure, wheel alignment, wheel balancing, tyre rotation, etc. It also largely depends on vehicle speed, load carried, usage, driving habits, road conditions, tyre quality, etc. In case fault is suspected to be due to poor quality of tyres, the same may be taken up with concerned tyre manufacturer.*

### VEHICLE PARKING for LONG DURATION

Following care is to be taken:

1. Park the vehicle in covered, dry and if possible well-ventilated premises. Engage a gear.
2. Remove the battery terminal cables (first remove the cable from the negative terminal). Ensure that battery is fully charged.
3. Use wheel chocks to prevent movement of the car.
4. Clean and protect the painted parts using protective wax.
5. Clean and protect the shiny metal parts using commercially available special compounds.
6. Sprinkle talcum powder on the rubber windscreen wiper and lift them off the glass.
7. Slightly open the windows.
8. Cover the vehicle with a cloth or perforated plastic sheet. Do not use sheets of imperforated plastic as they do not allow moisture on the vehicle body to

evaporate.

9. Inflate the tyres to 0.5 bar above the normal specified pressure and check it at regular intervals.
10. Check the battery charge every six weeks.
11. Do not drain the engine cooling system.
12. Always park your vehicle in shade do not expose the vehicle to direct sunlight for extended period of time.
13. Extended exposure to sunlight may deform plastic parts like dashboard, leather surface etc.
14. Item like cigarette lighter, perfume spray, soft drink cans etc. kept inside the vehicle in direct sunlight may result in fire explosion etc.
15. Do not park your vehicle for long duration in front of glass building where direct sunlight is exposed on the glass which reflects and may transfer the heat on vehicle. In this case plastic parts may melt.

### KEY BATTERY REPLACEMENT

#### Procedure To Replace Peps Key Battery

##### Procedure

1. Open rear side of key (battery cover).



2. Replace with new battery in the smart key battery slot.
3. Ensure that the "+" symbol on the battery is facing upwards. The correct polarity is shown on the battery cover.
4. Close the battery cover.
5. Make sure that the key cover is intact

properly.

#### **i** NOTE

- Use CR 2032 battery only.
- An inappropriately disposed battery can be harmful to the environment and human health. Dispose the battery according to your local law(s) and regulation.

#### Procedure To Replace Flip Key Battery

1. Open the key blade.
2. Press off the battery cover with your thumb or using a flat screwdriver.
3. Remove the discharged battery from the key by pressing the battery downwards.



4. Insert the new battery.

## MAINTENANCE AND CARE



5. Ensure that the “+” symbol on the battery is facing upwards. The correct polarity is shown on the battery cover.
6. Position the battery cover on the key and press on it until it is heard to lock in place.

### **i** NOTE

- Use CR 2032 battery only.
- An inappropriately disposed battery can be harmful to the environment and human health. Dispose the battery according to your local law(s)

and regulation.

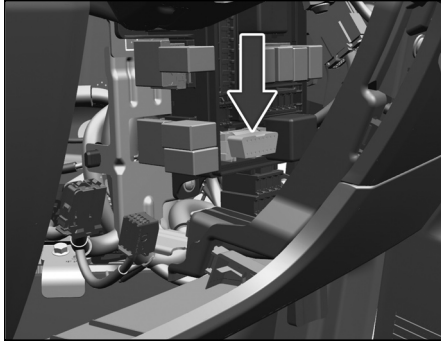
## ON BOARD DIAGNOSTIC (OBDII) SYSTEM

On board Diagnostics or OBD, is an automotive term referring to a vehicle's self-diagnostic and reporting capability. The OBD system allows continuous diagnosis of the components of the vehicle correlated with emissions. This system warns the driver, by turning “ON” the Malfunction Indication lamp (MIL) on the instrument cluster, when a fault causes emission levels to increase.

The OBD system also has a diagnostic connector that can be interfaced with appropriate diagnostic tools, which makes it possible to read the fault codes stored in the Electronic Control Unit, together with a series of specific parameters for Engine operation and Diagnosis. This check can also be carried out by the traffic police.

To access the diagnostic connector, open the fuse box cover which is located on RH side below the steering wheel.

## MAINTENANCE AND CARE



### DO IT YOURSELF

- Check tyres for unusual wear, cracks or damage and embedded foreign material such as nails, stones, etc.
- Check traces of fluid and oil below vehicle.
- Check there is sufficient fuel for the trip.
- Check windshield, windows, mirrors, lights, and reflectors are clean and unobstructed.
- Check all lamps, wipers, wiper blades and horn for proper operation.
- Check all switches, gauges and tell tales are working properly.
- Check all doors, engine bonnet and tail gate are securely closed and latched. All doors, engine bonnet and tail gate are securely closed and latched.
- Check tool kit, jack & handle, warning triangle, owner's manual, first aid kit and vehicle documents are available and stored at their locations. Tool kit, jack & handle, warning triangle, owner's manual, first aid kit and vehi-

cle documents are available and stored at their locations.

- Check engine oil level, coolant level, brake fluid level once in a month or before every long trips.
- Check battery electrolyte level once in a month.
- Check fuel level.

### NOTE

- *Water dripping below the car is normal. This is due to the usage of air conditioning system.*
- *Tyre pressure always be measured in cold conditions. Do a check of tyre pressure and condition after every 15 days, including the spare tyre.*

## **MAINTENANCE AND CARE**

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### **SERVICE INSTRUCTIONS**

The TATA TIAGO has been manufactured to give you economical and trouble free performance. To achieve this, please follow the instructions as stated.

Your vehicle is entitled to three free services (labour only). The free service coupons are attached to the sales invoice. Please present these coupons to the servicing dealer while availing free services.

1st free service - At 1,000-2,000km. OR 2 months, whichever is earlier.

2nd free service - At 4,500- 5,500km. OR 6 months, whichever is earlier.

3rd free service - At 9,500-10,500km. OR 12 months, which-ever is earlier.

All services other than free services are chargeable.

Servicing of the vehicle can be done at any TATA MOTORS Authorised Dealer Workshop or TATA MOTORS Authorised Service Centre (TASC).

Warranty claims can be settled by any TATA MOTORS Authorised Dealer Workshop or TATA MOTORS Authorised Service Centre (TASC).

**SERVICE SCHEDULE**

- Note:** 1. Vehicle operating in Severe Driving Conditions, conditions are given at the end of this schedule  
 2. Beyond 150000 carry out the same services at the same intervals of 10000 kms respectively

| Proposed Periodic Maintenance Schedule   |  | Free Service |      |       | Paid Service |       |       |       |       |       |       |       |        |        |        |        |        |        |   |
|--|--|--------------|------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|---|
| Service Intervals In Km (kilometer) Or Months Whichever Comes Earlier  | Km   | 1000         | 5000 | 10000 | 20000        | 30000 | 40000 | 50000 | 60000 | 70000 | 80000 | 90000 | 100000 | 110000 | 120000 | 130000 | 140000 | 150000 |   |
|  | Months   | 2            | 6    | 12    | 24           | 36    | 48    | 60    | 72    | 84    | 96    | 108   | 120    | 132    | 144    | 156    | 168    | 180    |   |
| <b>I: Inspect ( Check, Clean, Correct, Top Up, Adjust, Repair, Replace As Necessary) T: Tightening Torque R: Replace</b> |  |              |      |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |   |
| <b>S N</b>   | <b>GENERAL</b>   |              |      |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |   |
| 1  | Inspect & top up fluids (If required): transaxle oil,coolant, brake fluid, battery electrolyte, wind screen washer fluid     | I            | I    | I     | I            | I     | I     | I     | I     | I     | I     | I     | I      | I      | I      | I      | I      | I      | I |
| 2  | Inspect fuel lines for leakages  | I            | I    | I     | I            | I     | I     | I     | I     | I     | I     | I     | I      | I      | I      | I      | I      | I      | I |
| 3  | Check if any Tell Tale Lamp is ON  | I            | I    | I     | I            | I     | I     | I     | I     | I     | I     | I     | I      | I      | I      | I      | I      | I      | I |
| 4  | Inspect all door latches & striker operations,apply grease if required.  |              |      | I     | I            | I     | I     | I     | I     | I     | I     | I     | I      | I      | I      | I      | I      | I      | I |
| 5  | Inspect Auxillary belt condition , engine mount,rubber boots,rubber seal,exhaust hanger, dust cover & bushes for any damages | I            | I    | I     | I            | I     | I     | I     | I     | I     | I     | I     | I      | I      | I      | I      | I      | I      | I |

## MAINTENANCE AND CARE

| Proposed Periodic Maintenance Schedule   |   | Free Service   |      |  | Paid Service |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
|--|---|--|------|--|--------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| Service Intervals In Km (kilometer) Or Months Whichever Comes Earlier  | Km  | 1000   | 5000 | 10000  | 20000        | 30000 | 40000 | 50000 | 60000 | 70000 | 80000 | 90000 | 100000 | 110000 | 120000 | 130000 | 140000 | 150000 |  |
|  | Months  | 2  | 6    | 12   | 24           | 36    | 48    | 60    | 72    | 84    | 96    | 108   | 120    | 132    | 144    | 156    | 168    | 180    |  |
| <b>I: Inspect ( Check, Clean, Correct, Top Up, Adjust, Repair, Replace As Necessary) T: Tightening Torque R: Replace</b> |   |  |      |  |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 6  | Inspect Front and Rear Suspension fasteners and & Tighten as required | -  | -    | T  | T            | T     | T     | T     | T     | T     | T     | T     | T      | T      | T      | T      | T      | T      |  |
| <b>S N</b>   | <b>ENGINE (Petrol)</b>  |  |      |  |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 1  | Air filter element  | -  | -    | Inspect at every Service<br>Replace at every 50,000 km/36 Months |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 2  | Engine oil and oil filter   | -  | -    | R  | R            | R     | R     | R     | R     | R     | R     | R     | R      | R      | R      | R      | R      | R      |  |
| 3  | Fuel Filter-(Integrated in FDM)                                       | Replace Every 80,000 km/ 72 Months whichever comes earlier   |      |  |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 4  | Spark plugs   | Replace Every 40,000 km/ 36 Months whichever comes earlier   |      |  |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
|  | Accessory belt condition  | -  | -    | I  | I            | I     | I     | I     | I     | I     | I     | I     | I      | I      | I      | I      | I      | I      |  |
| 5  | Engine coolant  | Replace Every 60,000 km/ 36 Months whichever comes earlier   |      |  |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| <b>S N</b>   | <b>TRANSAXLE (Petrol &amp; Diesel)</b>                                |  |      |  |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 1  | Transaxle oil   | Replace Every 80,000 km/ 60 Months whichever comes earlier   |      |  |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 2  | Check AMT Kit Oil Level   | Inspect in every service - ( Oil Level should be between Min and Max with vehicle in standstill and Ignition On Condition) |      |  |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |

## MAINTENANCE AND CARE

| Proposed Periodic Maintenance Schedule   |   | Free Service   |      |       | Paid Service |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
|--|---|--|------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| Service Intervals In Km (kilometer) Or Months Whichever Comes Earlier  | Km  | 1000   | 5000 | 10000 | 20000        | 30000 | 40000 | 50000 | 60000 | 70000 | 80000 | 90000 | 100000 | 110000 | 120000 | 130000 | 140000 | 150000 |  |
|  | Months  | 2  | 6    | 12    | 24           | 36    | 48    | 60    | 72    | 84    | 96    | 108   | 120    | 132    | 144    | 156    | 168    | 180    |  |
| <b>I: Inspect ( Check, Clean, Correct, Top Up, Adjust, Repair, Replace As Necessary) T: Tightening Torque R: Replace</b> |   |  |      |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| <b>S N</b>   | <b>BRAKES</b>   |  |      |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 1  | Inspect Front brake pads,rear brake linings.disk/drum                         | -  | -    |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 2  | Brake/ clutch fluid   | Replace Every 40,000 km/ 24 Months whichever comes earlier |      |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 3  | Adjust handbrake setting  | -  | -    |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| <b>S N</b>   | <b>WHEELS &amp; TYRES</b>   |  |      |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 1  | Check and adjust wheel alignment.   | -  | -    | -     |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 2  | Inspect Tyre pressure, Condition for abnormal wear/crack and do Tyre rotation | -  |      |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| <b>S N</b>   | <b>ELECTRICAL</b>   |  |      |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 1  | Specific gravity of battery electrolyte, battery SOC                          | -  |      |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 2  | Check External and internal lights, horn,wiper and Cluster operations         | -  | -    |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| <b>S N</b>   | <b>A.C. SYSTEM</b>  |  |      |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 1  | Inspect air-conditioning performance  |  |      |       |              |       |       |       |       |       |       |       |        |        |        |        |        |        |  |

## MAINTENANCE AND CARE

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### Severe conditions are as below -

Under severe driving conditions additional maintenance is required:

A: Driving in conditions such as patrolling, Taxi, Pickup Van, Vehicle Towing, trailer towing

B: Driving on rough, sandy, dusty, muddy, unpaved, graveled or salt-spread roads.

C: More than 50% (in terms of Km) driving in heavy city traffic in stop and go condition

D: Frequently operating in mountainous area, uphill, downhill

E. Repeatedly driving short distance of less than 7 km.

F: Extensive low speed driving for long distance

| Item                             | Interval              | Condition |   |   |   |   |   |
|----------------------------------|-----------------------|-----------|---|---|---|---|---|
|                                  |                       | A         | B | C | D | E | F |
| Engine oil and oil filter        | Replace every 5000 Km | R         | R | R | R | R | R |
| Check and adjust wheel alignment | Inspect every 5000 km | I         | I | I | I | I | I |
| Air Filter                       | Inspect every 5000 km | I         | I | I | I | I | I |

### NOTE

- *In Free service, labor charges are free, any parts and consumables will be chargeable.*
- *Filters, Fluid, Consumables, Grease, Components, wheel alignment Wheel Balancing and weights etc will be replaced on chargeable basis.*
- *Check the coolant level and top up as required, replace if it is contaminated /discolored or there is sludge formation.*
- *Periodic maintenance Schedule is for reference. TMPV reserves the rights to change the Periodic Maintenance Schedule*

### CAR CARE

Your vehicle is subjected to many external influences such as climate, road conditions, industrial pollution and proximity to the sea. These conditions demand regular care of the vehicle body. Dirt, insects, bird droppings, oil, grease, fuel and stone chip-pings should be removed as soon as possible.

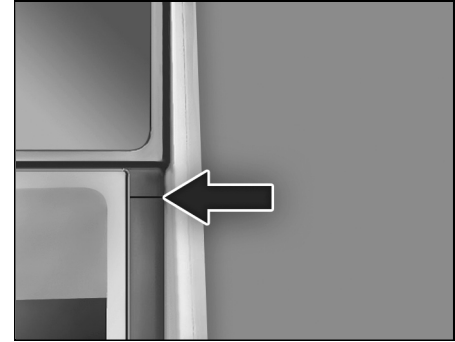
### Washing

Following these tips while washing your vehicle.

1. Always wash your vehicle in shade and ensure surface is at room temperature.
2. Wash with mild vehicle wash soap like 'Car Shampoo' and use a soft bristle brush, sponge or soft cloth and rinse it frequently while washing to avoid scratches.
3. When cleaning ensure that drain holes of lower door panels and rocker panel are free from mud, slug etc to make way for entrapped water inside it to avoid corrosion.
4. To avoid scratches, please wear soft gloves. Remove finger rings, nails, wrist watch while washing.
5. To remove stubborn stains and contaminants like tar, use turpentine or cleaners like 'Stain remover' which are safe for paint surfaces.
6. Avoid substances like petrol, diesel, kerosene, benzene, thinner, acids or other solvents that cause damage to vehicle interior, exterior and paint.
7. Dry your vehicle thoroughly to prevent any damp spots.
8. Rinse all surfaces thoroughly to prevent any traces of soap and other cleaners as this may lead to the formation of stains on the painted surface later.
9. During washing of the vehicle, do not apply water jet OR pressure water from pipe directly on any rubber material or Seal surface. This is to avoid damage to Rubber sealing parts in the sunroof system or in the vehicle. The damage to the sunroof sealing or any other seal in the vehicle will cause

water ingress inside the vehicle. (if equipped)

10. It is recommended to use dry low pressure air for cleaning the engine compartment. Do not use pressurized water



### NOTE

- *Avoid parking the car under trees without proper cover, it will reduce the amount of bird droppings, tree sap and pollen contact on paint surface. Regularly remove the twigs, leaves and vegetation near the*

## MAINTENANCE AND CARE

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windshield areas, to avoid water stagnation.

- Always close the sunroof while washing the vehicle (if equipped)

### WARNING

Do not direct high pressure washer fluid/ water jets (Pressure above 0.5 bar) at electrical devices and connector during washing. This is to prevent malfunction / failure of electrical system due to water ingress.

After drying the vehicle, inspect it for chips and scratches that could allow corrosion to start. Apply touch up paint where necessary.

### Cleaning of Carpets

Vacuum clean the carpet regularly to remove dirt. Dirt will make the carpet wear out faster. Periodically, shampoo the carpet to keep it looking new.

Use carpet cleaners (preferably foam type). Follow the instructions that come with the cleaner. Apply it with a sponge or

soft brush. Keep the carpeting as dry as possible by not adding water to the foam.

### NOTE

*Avoid wiping of painted surface in dry condition as it may leave scratches on the painted surface.*

### Cleaning of Windows, Front and Rear Glasses

Clean the windows inside and outside with commercially available glass cleaners.

This will remove the haze that builds up on the inside of windows. Use a soft cloth or paper towels to clean all glass and plastic surfaces.

### Waxing

Waxing and polishing is recommended to maintain the gloss and wet-look appearance of your paint finish.

1. Use good quality polish and wax for your vehicle.
2. Re-wax your vehicle when the water does not slip off the surface but collects over the surface in patches.

### Polishing

Polishes and cleaners can restore shine to the painted surface that has oxidized and become dull. They normally contain mild abrasives and solvents that remove the top layer of the finish coat. Polish your vehicle, if the finish does not regain its original shine after using wax.

### Interior Fabric Cleaning Tips

1. Stains should be treated immediately. If left for a long time, they can leave a permanent mark.
2. Cleaning the stains immediately is important especially for stains, which contain artificial colors in the stain creating liquid or semisolid substance. The colorant may leave a stain if kept for longer time.
3. Stain should not be removed by rubbing. As far as possible, try to blot or lift the stain with cloth or plastic spatula and then clean the remaining stain with cloth or sponge.
4. If the stain has dried, then gently brush off the material and then press with

damp cloth or sponge till it disappears.

5. Do not use household detergents to clean the fabric.
6. Always use clean cotton cloth for cleaning.

### Paint Care

Following guidelines will help you to protect your vehicle from corrosion effectively.

#### **i** NOTE

*Avoid Spillage or Direct contact of Air freshener liquid/chemicals with painted plastic parts. These chemicals may cause damage to paint like blisters, peel off, wrinkles etc.*

### Proper Cleaning

In order to protect your vehicle from corrosion it is recommended that you wash your vehicle thoroughly and frequently in case:

- There is a heavy accumulation of dirt and mud especially on the underbody.
- It is driven in areas having high atmospheric pollution due to smoke, soot, dust, iron dust and other chemical pol-

lutants.

- It is driven in coastal areas.
- The underbody must be thoroughly pressure washed after every three months.
- In addition to regularly washing your car, the following precautions need to be taken.

### Periodic Inspection

- Regularly inspect your vehicle for any damage in the paint film such as deep scratches and immediately get them repaired from an authorized service outlet, as these defects tend to accelerate corrosion.
- Inspect mud liners for damages
- Keep all drain holes clear from clogging.

### Wiper Care

- To prevent damage to the wipers or windshield, do not operate the wipers when the windshield is dry.
- To prevent damage to the wiper arms and other components, do not attempt to move the wipers manually.

#### **i** NOTE

*We strongly recommended to avoid applying any external coating solution on vehicle glazing / glasses, especially on Front & Rear Windscreen Glass. This may affect the Wiper performance & lead to poor visibility while using Wipers in wet condition/Rainy season.*

## MAINTENANCE AND CARE

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### Special Care

#### Illuminated Steering Wheel and Fascia Switch Panel

- Always use dry and soft cloth for cleaning.
- Avoid using extremely hot or cold water, as rapid temperature changes can cause the plastic components to become brittle. Do not use high-pressure water for cleaning.
- Please use a soft, clean cloth dampened with normal water to clean the steering wheel.
- Do not use carwax, window cleaner, glass coatings or chemical solvents such as strong detergents containing high alkaline or volatile organic solvents (gasoline, acetone etc). This may damage the driver airbag parts.
- Do not apply shiner, sanitizer, petrol, soap solutions, strong detergents, foam based cleaners or any other liquids etc. as these may cause damage to the surface.
- Do not use any sharp or other objects

which can create scratch on Steering Wheel and Horn pad surface.

- When cleaning the horn pad, do not hard press it.
- Use microfiber cloth on high gloss surfaces.

### Value Care - AMC

Value Care (AMC) is a fixed cost maintenance plan that guarantees protection against unexpected repairs & provides substantial savings through protection against inflation & price volatility of consumables during the running of the vehicle.

Our customers can choose from **Value Care Gold** and **Value Care Silver** plan as per the requirement & usage to ensure hassle free, reliable & economic maintenance of the vehicle.

Coverage – **Schedule Service and Wear & Tear.**

#### Advantage (Customer Benefits)

- Price protection against rising prices of lubes and parts.
- A higher resale value for your vehicle.
- Peace of mind with Cashless repairs & services.
- Vehicle servicing at a workshop of your choice pan India.
- Covers Repairs including Wear & Tear parts viz. Brakes, Suspension, Wiper, Clutch, Brake Pads, Brake Liners etc.
- Covers Scheduled maintenance services including Lubricants, Parts, Wheel Alignment and Balancing Labour.
- Available at unmatched value.... Huge Savings!!!
- Savings on Goods & Services Tax whenever vehicle attend under AMC.



## **MAINTENANCE AND CARE**

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### **Equipped Offers (Types of AMC)**

- Silver AMC
- Gold AMC

### **Silver AMC**

Value Care Silver Plan covers the following:

- Scheduled maintenance services at periodic interval of Km for Labor, Parts & Consumables.
1. Change of Oil Filter, Fuel Filter, Air Filter & Sediment.
  2. Change of Engine Oil and Transmission Oil (if applicable).
  3. Change of Coolant, Brake Oil & Clutch Fluid\*.
  4. General Checkup, Wheel Alignment / Balancing (Excluding Balancing Weight).
  5. Washing of Vehicle, Wheel greasing as applicable.

### **Gold AMC**

The value care Gold Plan extends your scheduled maintenance cover to include any normal wear and tear items identified during the scheduled service and other vehicle parts that need to replace during the period of cover arising from proper and uniform usage.

- Scheduled maintenance services at periodic interval of Km for Labor, Parts & Consumables.

In addition to coverage mentioned under Silver AMC, the Gold AMC also covers Repairs or Replacement of Wear & Tear Items for both Parts & Labour.

1. Brake Pads, Brake Liners, Wheel Cylinders.
2. Clutch Disc, Clutch Cover, Cables, Mountings.
3. Suspension Bush, Wiper Blades, Auxiliary Belt & other Wear & Tear Items.
4. Washing of Vehicle, Wheel greasing as applicable.

** NOTE**

- *AMC is available in the dealership from where you have purchased your vehicle.*
- *We strongly recommend purchase of AMC at time of purchase of your vehicle to get benefit for coverage of Scheduled Services and Wear & Tear parts.*
- *The Dealer Service Marketing Executive shall explain to you the Terms and conditions, Coverage and Owner's responsibility.*
- *One Time payment is to be made to avail AMC offer.*
- *Please read the offer e-Booklet for further details about coverage and exclusions of various AMCs.*

**Owner's Responsibility**

- Proper use, maintenance and care of the vehicle in accordance with the instructions contained in the Owner's Manual and Service Booklet. The records of the same to be ensured in Owner's Manual.
- Retention of maintenance service bills.

I / We have been explained the Terms and conditions, Coverage and Owner's responsibility by the Dealer Service Marketing Executive.

I wish to avail /  Do not wish to avail extended warrant policy.

**Customer's Signature**

**Dealer's Signature**

## **MAINTENANCE AND CARE**

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### **VALUE ADDED SERVICES**

#### **Why are Corrosion Protection Waxes necessary?**

##### **Corrosion is Caused by**

Water/salt water, acid rain and atmospheric fallouts.

##### **Critical Areas are**

Cavities: joints, crevices, spot welds, underbody

- Corrosion is the most important factor when we talk about the vehicle life. If you treat your car well, you can prolong its life.
- It is very dangerous to drive around in a corroded vehicle.
- Corrosion creeps onto the vehicle internally and externally as well. The most dangerous kind of corrosion is often not discovered until it is too late.

##### **Benefits of Anti - Rust Treatment**

- A professionally applied range of world class products offering real value to the new and used vehicle customer.
- The treatment has been developed to withstand the harshest environmental and climatic conditions (rust. Pollutants, stone and gravel impact, etc.)
- Insulates the cabin from external noises..
- Expensive tin work, denting and painting can be avoided.
- Higher resale value for the vehicle.
- Higher safety – uncorroded vehicle
- 10 free checkups available

These treatments are available in all authorized workshops. The Dealer Service Marketing Executive will explain to you the benefits and terms and conditions of this treatment.

## **MAINTENANCE AND CARE**

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I / We have been explained the Benefits, Terms and conditions and the prices of these treatments by the Dealer Service Marketing Executive.

I wish to avail /  Do not wish to avail extended warrant policy.

**Customer's Signature**

**Dealer's Signature**

## **MAINTENANCE AND CARE**

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### **VEHICLE EXTERIOR ENRICHMENT**

#### **Why Vehicles are Painted?**

- For Corrosion protection of the metal surfaces.
- Ease of application from other corrosion protection treatments.
- Cheaper than other corrosion protection methods eg. Galvanizing, anodizing.
- For decoration and identification.

#### **Various Environmental Hazards Affecting Paints**

Environmental hazards: destroys your vehicle's finish.

Even as your new vehicle rolls off the assembly line, the paint is not protected.

#### **The Enemy**

Ultraviolet rays, pollution, tree sap, bird droppings, car wash chemicals, road salt and acid rain.

#### **Benefits**

Vehicle Exterior Enrichment

- Removal of medium scratches, orange peel, oxidation, dust nibs etc. & swirl marks from painted surface.
- Restoration of original gloss levels, UV protection after gloss is restored.
- Cleaning & dressing of tyres, Bumpers and all exterior plastic moldings/trims.

This treatment is available in all authorized workshops. The Dealer Service Marketing Executive will explain to you the benefits and terms and conditions of this treatment.

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**VEHICLE INTERIOR ENRICHMENT**

**Why Product Your New Car's Fabric Interior**

- Someone may soil your vehicle's fabric carpet or seats.
- A significant detractor from your vehicle's resale value.
- A permanent stain on your vehicle's interior fabric.

**The Enemy**

Drink spills, food stains, mud, ultraviolet rays, traffic and pets

Benefits: Vehicle Interior Enrichment

- Removal of medium stains and dirt from all interior parts of the car i.e., carpet, upholstery and roof lining.
- Cleaning of windshield and all windows (inner and outer surfaces)
- Dressing of all internal plastics (e.g.: door pad trims) and rubber parts.
- The treatment involves cleaning and dressing of all parts of the exposed interiors.
- Specialised protection for seat fabric from liquid spills.

This treatment is available in all authorized workshops. The Dealer Service Marketing Executive will explain to you the benefits and terms and conditions of this treatment.

I / We have been explained the Terms and conditions, Coverage and Owner's responsibility by the Dealer Service Marketing Executive.

I wish to avail /  Do not wish to avail Extended warrant policy.

**Customer's Signature**

**Dealer's Signature**



### ENVIRONMENT PROTECTION

Tata Motors is committed to provide environment friendly clean and safe vehicles. Your vehicle is produced with latest technology features and designed for sustainable performance considering that you will take care of it as per guideline given in this manual. This will ensure to protect the environment which is the issue of present and future.

Although we know you will follow the instruction given in this manual, We would like to mention few easy tips to be followed. This will help all of us to protect the environment from pollution due to vehicles.

- Do not race immediately after starting the cold engine.
- Do not run the engine to max speed in each gear.
- Try to maintain constant speed as far as possible.
- Do not rave the engine unnecessarily.
- Do not carry any unnecessary weight in the vehicle as it will affect fuel econ-

omy.

- Avoid sudden acceleration and frequent gear shifting.
- Avoid high speed driving, maintain moderate speed.
- Do not rest your foot on clutch pedal while driving.
- Always maintain the recommended tyre pressure.
- Switch off the engine during long stop e.g. traffic signal, traffic jam etc.
- Avoid long idle, unnecessary stopping/braking.
- Never switch off engine while coasting down hill.
- Keep your vehicle regular serviced as recommended.
- Ensure that there is no leakage from exhaust system, air inlet system, inter-cooler system.
- Ensure your vehicle is checked for PUC as per intervals at authorized center.
- Use only recommended grades of fuel,

coolant and lubricants.

- Never allow the vehicle to run out of fuel.
- Avoid unnecessary honking.

### CAUTION

Do not pour used oils or coolants into the sewage drains, garden soil or open streams.



### WARRANTY TERMS & CONDITIONS

We WARRANT each **TATA MOTORS PASSENGER VEHICLE** and parts thereof manufactured by us to be free from defect in material and workmanship subject to the following terms and conditions:

1. This warranty shall be for a period of **3 years from the date of sale of the car or a mileage of 1,00,000 Kms whichever occurs earlier.**
2. Our obligation under this warranty shall be limited to repairing or replacing, free of charge, such parts of the car which, in our opinion, are defective, on the car being brought to us or to our dealers within the period. The parts so repaired or replaced shall also be warranted for quality and workmanship but such warranty shall be co-terminus with this original warranty.
3. Any part which is found to be defective and is replaced by us under the warranty shall be our property.
4. As for such parts as Tyres, Batteries, Audio and / or Video equipment (if any), etc. not manufactured by us but supplied by other parties, this warranty shall not apply, but buyers of the car shall be entitled to, so far as permissible by law, all such rights as we may have against such parties under their warranties in respect of such parts.
5. This warranty shall not apply if the car or any part thereof is repaired or altered otherwise than in accordance with our standard repair procedure or by any person other than from our sales or service establishments, our authorized dealers, service centres or service points in any way so as, in our judgment which shall be final and binding, to affect its reliability, nor shall it apply if, in our opinion which shall be final and binding, the car is subjected to misuse, negligence, improper or inadequate maintenance or accident or loading in excess of such carrying capacity as certified by us, or such services as prescribed in our Owner's Manual are not carried out by the buyer through our sales or service establishments, our authorized dealers, service centres or service points.
6. **This warranty shall not apply to the replacement of normal wear parts, including without limitation, drive belts, hoses, wiper blades, fuses, clutch disc, brake shoes, brake pads, cables and all rubber parts (except oil seal and glass run).**
7. This warranty shall not cover any inherent normal deterioration of the car or any of its parts arising from the actual use of the car or any damage due to negligent or improper operation or storage of the car.
8. This warranty shall not apply to normal maintenance services like oils & fluid changes, head lamps focusing, fastener retightening, center hub cap/wheel cover. wheel balancing and alignment, tyre rotation, adjustment of valve clearance, fuel timing, ignition timing and consumables like bulbs, fuel, air & oil filters and gas leaks in case of air conditioned cars.
9. This warranty shall not apply to any damage or deterioration

## WARRANTY

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caused by environmental pollution or bird droppings. Slight irregularities not recognized as affecting the function or quality of the vehicle or parts, such as slight noise or vibration, defects appearing only under particular or irregular operations are items considered characteristics of the vehicle.

10. This warranty shall be null and void if the car is subjected to abnormal use such as rallying, racing or participation in any other competitive sport. This warranty shall not apply to any repair or replacements as a result of accident or collision.
11. This warranty is expressly in lieu of all warranties, whether by law or otherwise, expressed or implied, and all other obligations or liabilities on our part and we neither assume, nor authorize any person to assume on our behalf, any other liability arising from the sale of the car or any agreement in relation thereto.
12. The buyer shall have no other rights except those set out above and have, in particular, no right to repudiate the sale, or any agreement or to claim any reduction in the purchase price of the car, or to demand any damages or compensation for losses, incidental or indirect, or inconvenience or consequential damages, loss of car, or loss of time, or otherwise, incurred or accrued.
13. Any claim arising from this warranty shall be recognized only if it is notified in writing to us or to our authorized dealer without any delay soon after such defects as covered & ascertained under this warranty.

**14. This warranty is fully transferable to subsequent vehicle owner. Only unexpired remaining period of warranty applies.**

15. We reserve our rights to make any change or modification in design of the car or its parts or to introduce any improvement therein or to incorporate in the car any additional part or accessory at any time without incurring any obligation to incorporate the same in the cars previously sold.

### EXTENDED WARRANTY TERMS & CONDITIONS

TATA MOTORS recommends the purchase of its extended warranty program.

**Coverage** - Mechanical + Electrical

#### Benefits

- Insures you against unforeseen break down repair bills.
- Documentation is simple and hassle free.
- Near cashless & speedy claim

#### \*\*extended Warranty Operating Period

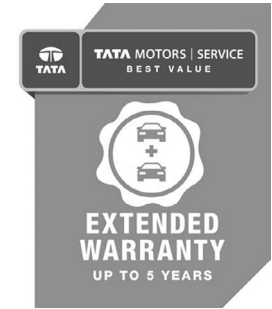
Extended Warranty Operating Period for each eligible motor car shall commence on the expiry of the Tata Motors' Vehicle warranty period and shall remain valid till the expiry of policy.

Extended Warranty is available in the dealership from where you have purchased your vehicle. We strongly recommend purchase of Extended Warranty at time of purchase of your vehicle. Extended Warranty can be availed until warranty period from date of purchase of vehicle. The Dealer Service Marketing Executive shall explain to you the Terms and conditions, Coverage and Owner's responsibility.

- The extended warranty comes into force once the manufacturer's warranty expires.
- It is more restrictive as by the time it comes into force the vehicle is already 36 months old.

#### What Is Covered?

- Mechanical / Electrical break down as defined in this warranty and confirmed by the dealer within the stipulated terms and conditions.
- TATA MOTORS dealer shall either repair or replace any part found to be defective with a new part or an equivalent at no cost to the owner for parts or labour.
- Such defective parts which have been replaced will become property of TATA MOTORS PASSENGER VEHICLE LIMITED.



## **EXTENDED WARRANTY**

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### **What Is Not Covered?**

Please refer the Extended Warranty Booklet for details of the exclusion list. Soft copy can be available with the dealer.

### **Owner's Responsibility**

- Proper use, maintenance and care of the vehicle in accordance with the instructions contained in the Owner's Manual and Service Booklet. The records of the same to be ensured in Owner's Manual.
- Retention of maintenance service bills.

I / We have been explained the Terms and conditions, Coverage and Owner's responsibility by the Dealer Service Marketing Executive

I wish to avail /  Do not wish to avail extended warrant policy.

**Customer's Signature**

**Dealer's Signature**

Customer's copy



**PDI Coupon**



Pre Delivery Inspection

Owner's Name:

VIN No.:

Engine / Motor No.:

Reg. No.:

ODO Reading:

Date of Service:

Service Dealer's Stamp & Signature

Dealer's copy



**PDI Coupon** T I A G Q

Pre Delivery Inspection

**AVAIL ALL SERVICES TO GET BENEFIT OF WARRANTY**

**This Coupon entitles for free labour jobs.(Refer maintenance section)**

Owner's Name:

VIN No.:

Engine / Motor No.:

Reg. No.:

Date of Sale:

Service Dealer code:

ODO Reading:

Date of Service:

**I hereby certify that the PDI has been carried out to my entire satisfaction.**

Customer's Signature

Service Dealer's Stamp & Signature

(Free Service coupons are valid at all TATA MOTORS Authorized Service Centers in India)





Customer's copy

1<sup>st</sup> Free Service Coupon

**T I A G O**

Valid for 1000 - 2000 kms. OR 2 months,  
Whichever is earlier

---

Owner's Name:

VIN No.:

Engine / Motor No.:

Reg. No.:

ODO Reading:

Date of Service:

Service Dealer's Stamp & Signature



Dealer's copy

**TATA 1<sup>st</sup> Free Service Coupon T I A G O**

Valid for 1000 - 2000 kms. OR 2 months, whichever is earlier.

**AVAIL ALL SERVICES TO GET BENEFIT OF WARRANTY**

---

**This Coupon entitles for free labour jobs.(Refer maintenance section)**

Owner's Name:

VIN No.:

Engine / Motor No.:

Reg. No.:

Date of Sale:

Service Dealer code:

ODO Reading:

Date of Service:

**I hereby certify that the service has been carried out to my entire satisfaction.**

Customer's Signature

Service Dealer's Stamp & Signature

(Free Service coupons are valid at all TATA MOTORS Authorized Service Centers in India)





Customer's copy

2<sup>nd</sup> Free Service Coupon

**T I A G O**

Valid for 4,500 - 5,500 kms. OR 6 months,  
whichever is earlier

Owner's Name:

VIN No.:

Engine / Motor No.:

Reg. No.:

ODO Reading:

Date of Service:

Service Dealer's Stamp & Signature



Dealer's copy

**TATA 2<sup>nd</sup> Free Service Coupon T I A G O**

Valid for 4,500 - 5,500 kms. OR 6 months, whichever is earlier.

**AVAIL ALL SERVICES TO GET BENEFIT OF WARRANTY**

**This Coupon entitles for free labour jobs.(Refer maintenance section)**

Owner's Name:

VIN No.:

Engine / Motor No.:

Reg. No.:

ODO Reading:

Date of Sale:

Date of Service:

Service Dealer code:

**I hereby certify that the service has been carried out to my entire satisfaction.**

Customer's Signature

Service Dealer's Stamp & Signature

(Free Service coupons are valid at all TATA MOTORS Authorized Service Centers in India)





Customer's copy

**3<sup>rd</sup> Free Service Coupon**

**T I A G O**

Valid for 9,500 – 10,500 kms. OR 12 months, whichever is earlier

Owner's Name:

VIN No.:

Engine / Motor No.:

Reg. No.:

ODO Reading:

Date of Service:

Service Dealer's Stamp & Signature



Dealer's copy

**TATA 3<sup>rd</sup> Free Service Coupon T I A G O**

Valid for 9,500 – 10,500 kms. OR 12 months, whichever is earlier.

**AVAIL ALL SERVICES TO GET BENEFIT OF WARRANTY**

**This Coupon entitles for free labour jobs.(Refer maintenance section)**

Owner's Name:

VIN No.:

Engine / Motor No.:

Reg. No.:

Date of Sale:

Service Dealer code:

ODO Reading:

Date of Service:

**I hereby certify that the service has been carried out to my entire satisfaction.**

Customer's Signature

Service Dealer's Stamp & Signature

(Free Service coupons are valid at all TATA MOTORS Authorized Service Centers in India)





## TATA MOTORS | SERVICE

RESPONSIVE • RELIABLE • BEST VALUE

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RELIABLE

**DOORSTEP SERVICE**  
MOBILE SERVICE

TATA MOTORS | SERVICE  
RESPONSIVE

**ONLINE SERVICE**  
APPOINTMENT  
AT A CLICK

TATA MOTORS | SERVICE  
RESPONSIVE

**QUICK REPAIR**  
REPAIR IN MINUTES

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**SPEED-O-SERVICE**  
FASTER SERVICE  
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TATA MOTORS | SERVICE  
RELIABLE

**REFINISHING SOLUTIONS**  
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TATA MOTORS | SERVICE  
RELIABLE

**DIAGNOSTIC EXPERT**  
HIGH SKILLED TECHNICIAN

TATA MOTORS | SERVICE  
RELIABLE

**QUALITY SERVICE**  
SERVICE QUALITY  
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**EXTENDED WARRANTY**  
UP TO 6 YEARS

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BEST VALUE

**RAPID REPAIR**  
MINOR BODY REPAIRS

TATA MOTORS | SERVICE  
BEST VALUE

**VALUE CARE**  
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