

## 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 G O R**

**BSVI  
OWNER'S MANUAL**



**TATA MOTORS**

Revision: Rev 00/JUNE 2025

## CUSTOMER ASSISTANCE

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.**

Floor 3, 4, Plot-18, Nanavati Mahalaya, Mudhana Shetty Marg, BSE, Fort,  
Mumbai, (MH) - 400 001, India



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## IMPORTANT INFORMATION

In this Owner's Manual, you will find the text under the heading "WARNING" and "NOTE" which highlights important information. Pay particular attention to these highlighted messages.

### 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.

## 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.

## 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

## SAFETY

and cause hydrostatic lock of engine.

- Battery may get damaged or short circuited

### Vehicle In Flood



#### WARNING

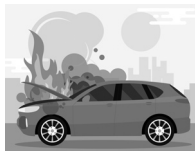
- If your vehicle gets flooded wait for water level to recede
- Once the water is receded, approach the vehicle, open all doors and let the water inside the vehicle get drained completely
- Remove floor carpet and open the rubber/plastic gasket provided on floor board, stepney space for water to recede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



## SAFETY

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

### 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.

## 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

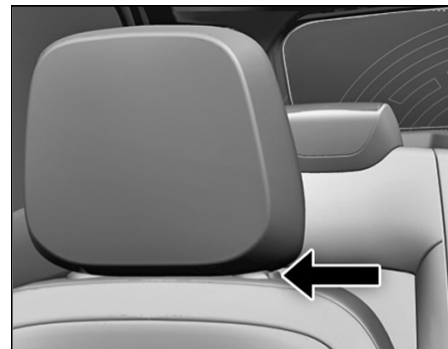
by pushing it forward and backwards.

##### CAUTION

Your hands might be 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.

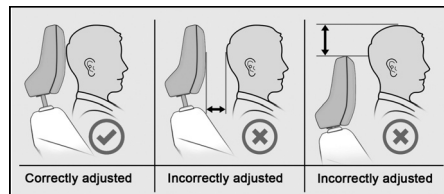
#### Head Restraint (If equipped)

##### Front Seat



## SAFETY

Adjust the head restraint so that it is as close to the head as possible and the center of the head restraint supports the back of the head at eye level. This will reduce the risk of injury to the head and neck in the event of an accident or similar situation.



### WARNING

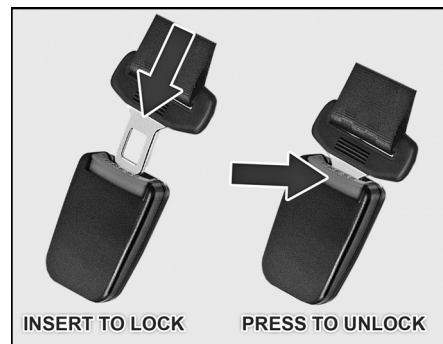
Do not drive the vehicle without the seat head restraints. Head restraints are intended to help reduce injuries during an accident.

## SEAT BELTS

This section describes your Vehicle's Seat belts, Airbags 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 their 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,

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.

### 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 period

ically, 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 Authorized service centre.
- 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.

## SAFETY




### Use of Seat Belts for Pregnant Woman

#### WARNING

- Pregnant woman must wear a correctly positioned seat belt. It is safer for mother as well as unborn child.
- Pregnant woman should wear the lap part of the seat belt across the thighs and as snug 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.



### Seat Belt Warning Lamp

Seat	Lamp
Driver	
Front Passenger	
Rear Passenger	

Your vehicle is equipped with Seat Belt Reminder (SBR) for all occupants.

#### 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 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 passenger seat and use seat belt. Please refer CRS section for recommended seating position if child is sitting with child seat.

#### NOTE

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

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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 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 Authorized Service Centre.

**SUPPLEMENTARY RESTRAINT SYSTEM (SRS) (AIRBAGS) (if equipped)**

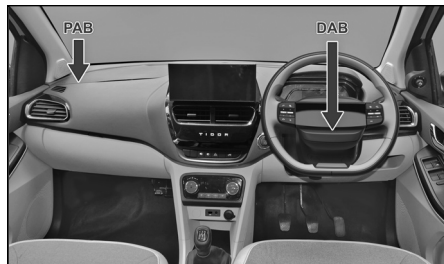
The SRS [Supplementary Restraint system] is designed to provide protection to occupants in case of collision or sudden impact, when crash is detected, the SRS airbag system deploys airbags to help reduce the risk of injury to the occupant. It works in conjunction with seat belts.

There are 2 airbags provided in your car:

- 1.Driver Airbag
- 2.Front Passenger Airbag

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

## SAFETY



### **i** NOTE

*The above image is for reference purpose only.*

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

- Seat belt Pre-tensioners
- Seat belt with load limiters
- Airbag 'SRS' ECU (Electronic Control Unit)
- Collision Sensors
- SRS wiring harness
- SRS Warning lamp

The System is active when ignition switch

is in the "ON" position or the ignition mode is "ON". Airbags are designed to inflate in severe collisions. 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 harder 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 irrita-

tion, move to fresh air. Also sometimes the smoke can cause breathing problems, in such cases, it is recommended to 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.

### **i** 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 vehicles with Airbags, you and your passengers must always wear the seat belts provided. In order to minimize the risk and severity of injury in the event of a collision.
- 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.
- 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.

- If an occupant is out of position during collision, the rapidly deploying Airbag may forcefully contact the occupant causing serious or fatal injuries.
- Do not allow the front passenger to place their feet or legs on the dashboard.
- Do not allow the passenger to ride in the front seat when the front passenger Airbag OFF indicator is illuminated.

**Wrong Seating Position**



## SAFETY



### **WARNING**

- 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 (if equipped).
- Do not place or stick any item/s in the vehicle, except at designated lo

cations (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, 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 your TATA MOTORS authorised service centre if the vehicle is damaged, even if airbag has not inflated or 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' when the ignition switch is placed in the 'ON' position for few seconds.
- 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 (especially holders), 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, unless authorised by TATA MOTORS. This will affect the intended performance of SRS.
- If you need to make any modifications to accommodate any disability you may have, please contact your Authorized 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.

## SAFETY

### 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. It does not mean that a child cannot occupy front passenger seat and use seat belt. 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.

#### Airbag 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 air-bags in such situations will not benefit the occupants.

**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 occupants. Head restraints and seat belts provide occupant protection dur-

ing 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 deploy with minor or no visible vehicle 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 conditions, damage to the vehicle may be minor or not be readily visible.

##### When front airbags 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).

#### **ISOFIX**

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.

## SAFETY



ISOFIX



Top Tether

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 or Joie i-Spin 360 R i-Size seats for up to 18 Kg children. These seats are available at TML dealerships.





**i NOTE**

*Tata Motors recommends to keep the highlighted device in close condition while using Joie i-Spin Safe or Joie i-Spin 360 R 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 forward facing child seats adjust the rear seat head restraints to its lowermost position or remove it if required & keep it at safe location to reinstall it whenever adult passenger is sitting at that position.
- 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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Correct CRS Position



Incorrect CRS Position



### 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 IUF	IL 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 in-

side. It can be opened only from the outside.

### NOTE

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

## SAFETY

### ANTI-LOCK BRAKING SYSTEM (ABS)

ABS regulates brake pressure in such a way that the wheels do not lock when you brake. This allows you to continue steering the vehicle when braking.



The ABS warning lamp in the instrument cluster lights up when the ignition is switched on. It goes out when the engine is running.

#### WARNING

- If ABS is faulty, the wheels could lock when braking. The steer ability and braking characteristics may be severely impaired. There is an increased danger of skidding and accidents.
- Drive on carefully. Have ABS checked immediately at a TATA MOTORS Authorized Service Centre as soon as possible.

### While Braking

- In case of emergency braking, press the brake pedal fully. This allows the ABS to regulate braking force and maintain directional control of vehicle.
- When ABS is active driver may feel brake pedal pulsating and very low (ABS) motor activation noise from engine compartment which is normal during braking.

#### WARNING

- ABS may not shorten the distance in all situations
- ABS system will have the effect of increased stopping distance due to conditions such as gravel, pot holes, slippery surfaces, wet road, ground covered with snow etc.
- Travelling on bad road, panic braking brake pedal may become hard this is due to ABS system taking control. ABS will not compensate for bad road, weather conditions and poor driving judgment. Always drive carefully in adverse weather and traffic condition.
- Always keep safe distance and adhere to speed limits


## 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 Center 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 intend 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.

**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 precaution 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	<ul style="list-style-type: none"> <li>- Contact a TATA MOTORS Authorized Service Centre immediately.</li> </ul>



## **KEYS**

A key is an electronic access and authorization system available as a standard feature with your vehicle.

### **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 Keys**

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



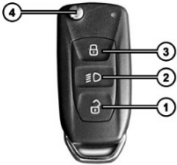
## **WARNING**

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

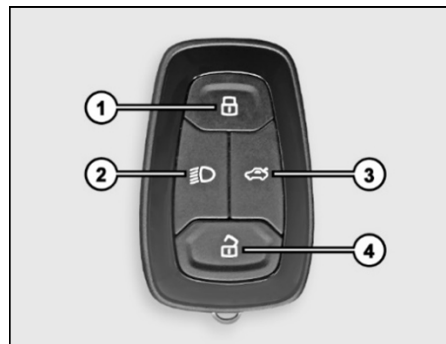


## OPENING AND CLOSING

### Types Of Key (as applicable)

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
3. Tail gate opening
4. Unlocking all doors

### Locking All Doors

Press the lock button once (1) to lock 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/follow Me

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'.

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 sec.

### Tail Gate Opening

Press the tail gate opening button once (3) to unlock the tailgate with in authentication

range of Smart key i.e. 1 to 1.5 meters.

### Unlocking All Doors

Press the unlock button once (4) to unlock all the doors.

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.*

## OPENING AND CLOSING

### Key Blade In/out



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

### SMART KEY FEATURES

#### Vehicle Search

If lock button on smart key is pressed when the vehicle is locked, the turn indicators of vehicle flashes four times for the driver to 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 Re-lock (drive Away Locking)

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 10 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.

#### 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.

#### NOTE

*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 func*

*tion of the remote gets reinstated immediately when the user stops pressing the push button of remote.*

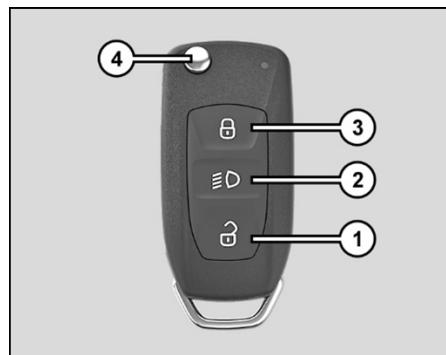
### Force Panic Operation

**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:** To deactivate the force panic operation, press any button on the smart key.

## OPENING AND CLOSING

### FLIP KEY



1. Unlock
2. Approach Light /follow me
3. Lock
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, potion 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

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

#### 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 Relock

Vehicle doors get automatically locked when all doors are closed and the vehicle speed crosses 10 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.

#### Sleep Mode

If remote key is not used for more than a week then its functionalities will turn to sleep mode. In such a case, to activate the remote key functionalities, open the door mechanically with the key blade.

#### NOTE

*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.*

#### 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.

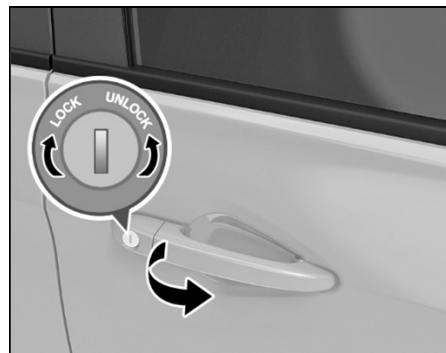
Don't remove the battery connection of the vehicle while the vehicle has been locked by remote.

## OPENING AND CLOSING

### 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.

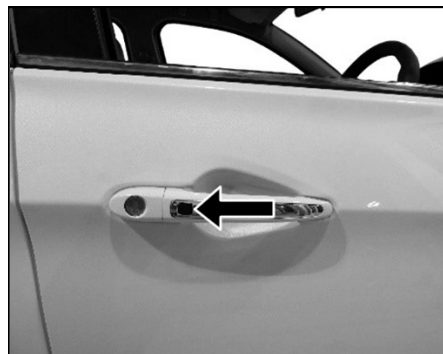


Insert the key in the slot and turn it clockwise to lock and anticlockwise to unlock the door.

#### Option II -door Locking And Unlocking Using Door Handle Switch (DHS) (If equipped)

To lock/unlock all the doors without oper-

ating 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.



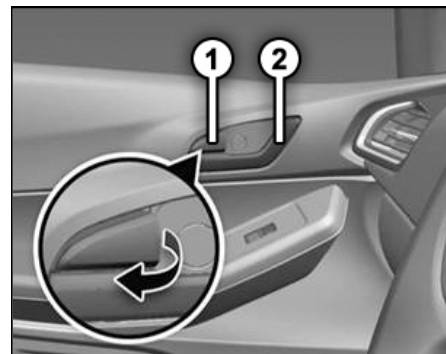
#### **i** NOTE

- *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 Without A Key From Inside



All the doors can also be locked from inside by pressing knob (1) on driver door and independently on other doors respectively.

#### Opening The Doors From Inside

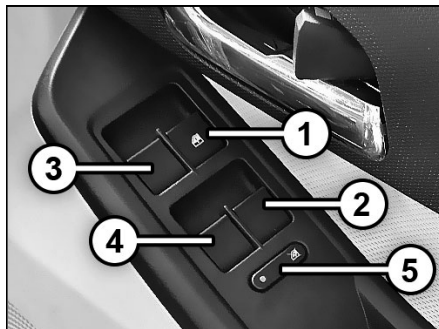
All doors can be opened from inside. To open, pull the door opening knob (1) and

then lever (2).

All doors can be opened from inside. To open, pull the door opening lever. All doors can be unlocked by pulling the inside release lever to the intermediate position. When it is further articulated will unlatch the door and can be opened.

### WINDOWS

#### Power Windows (If equipped)



1. Front Window Winding Switch (Right)
2. Rear Window Winding Switch (Right)
3. Front Window Winding Switch (Left)
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. They work only when the key is in the 'IGN ON' position.

#### NOTE

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

#### Express Down (if equipped)

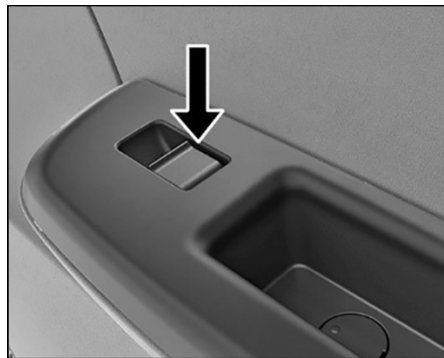
Window glasses can be opened by a single long press of the switch. Express down feature is provided for the driver's door only.

#### Individual Switches

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



## OPENING AND CLOSING



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

### **WARNING**

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

### 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.

### **Manual Window Winding (If equipped)**

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



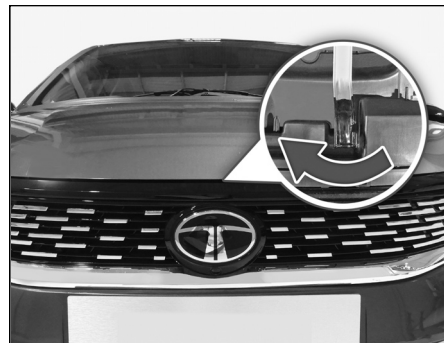
### OPENING THE BONNET

#### 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.

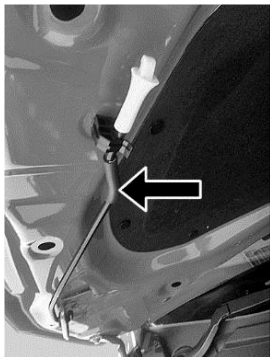


#### ① NOTE

*Make sure that the wiper arms are not raised before you lift up the bonnet to avoid damaging the wiper arms and the bonnet.*

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

## OPENING AND CLOSING



### **WARNING**

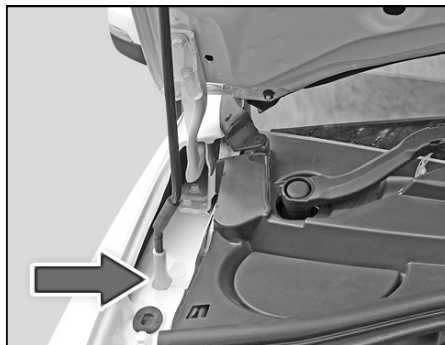
- The stay rod can be hot enough to burn your finger right after driving. Touch the rod after it becomes cool enough.
- Put the stay rod into the hole correctly. If the rod drops off, your body may be caught below the bonnet.

### **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.



## TAIL GATE OPENING

### **NOTE**

*Some variants may have multiple options.*

### **Option I**



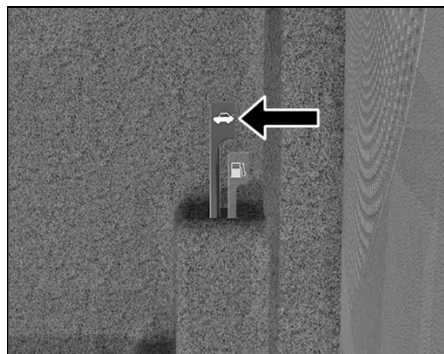
To unlatch the tailgate, press the tail gate button on the remote.

### **WARNING**

- Tail gate can be unlatched without smart key.

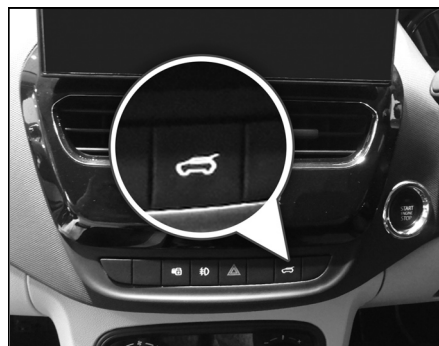
## OPENING AND CLOSING

### Option II



Trunk lid opening Lever is located on the below right hand side of the driver seat. Lift the lever to unlock trunk lid.

### Option III



To open the trunk lid, press the switch located on fascia switch.

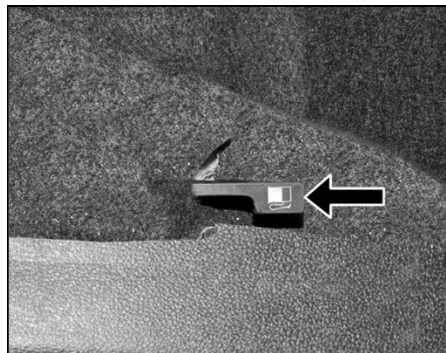
#### **i NOTE**

*This option will work only in ignition ON condition.*

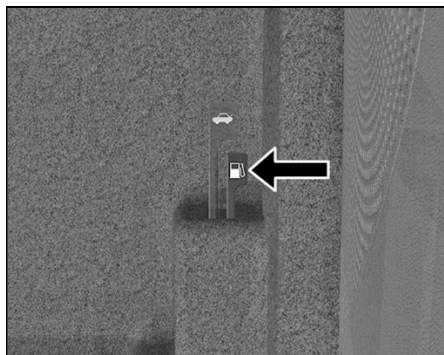
## OPENING AND CLOSING

### FUEL LID

#### Option I

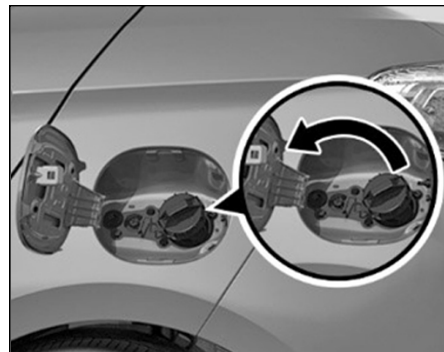


#### Option II



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.



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 op

erated if it is equipped on the fuel station. Overfilling the fuel tank could damage the fuel system.

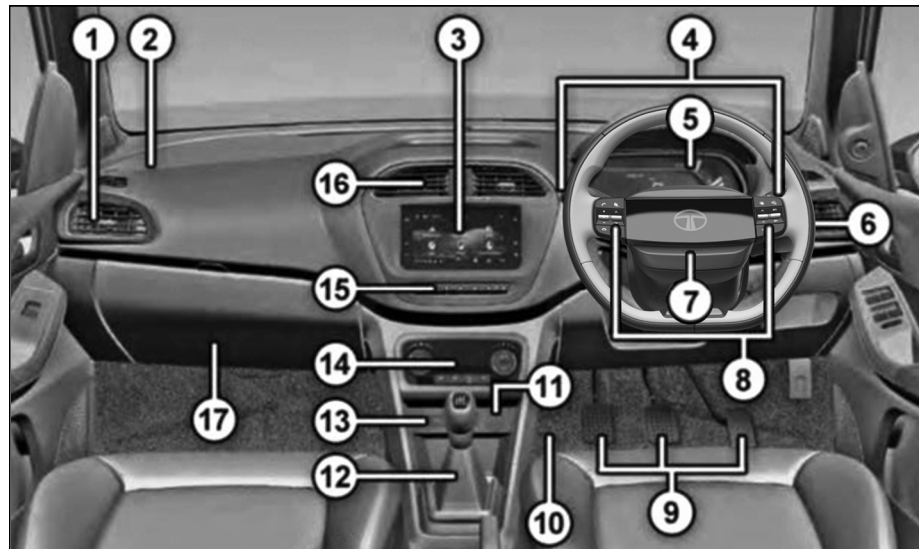
### ***i* NOTE**

- *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 MO-TORS authorized service center.*
- *Ensure that engine is switched OFF while filling fuel.*



### COCKPIT (MT)

Option I:



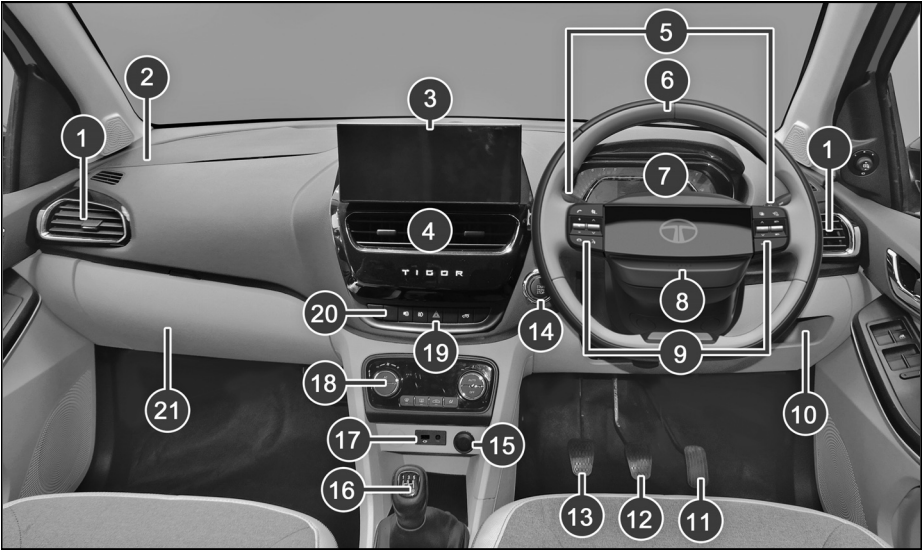
The above shown image is for reference purpose only.

1	A.C. Air vent (Side)
2	Air Bag (PAB)
3	Infotainment Display (if equipped)
4	Combi-Switch
5	Instrument Cluster
6	Steering Wheel
7	Air Bag (DAB)
8	Steering Wheel Switches (if equipped) / Horn pad
9	Controls
10	Foot Rest
11	Power Socket
12	Gear Shift Lever
13	USB Port - if fitted
14	HVAC Manual /FATC Control panel(If equipped)
15	Fascia Switches
16	AC Air Vent (Center)
17	Glove Box



# DASHBOARD AND FEATURES

Option II:



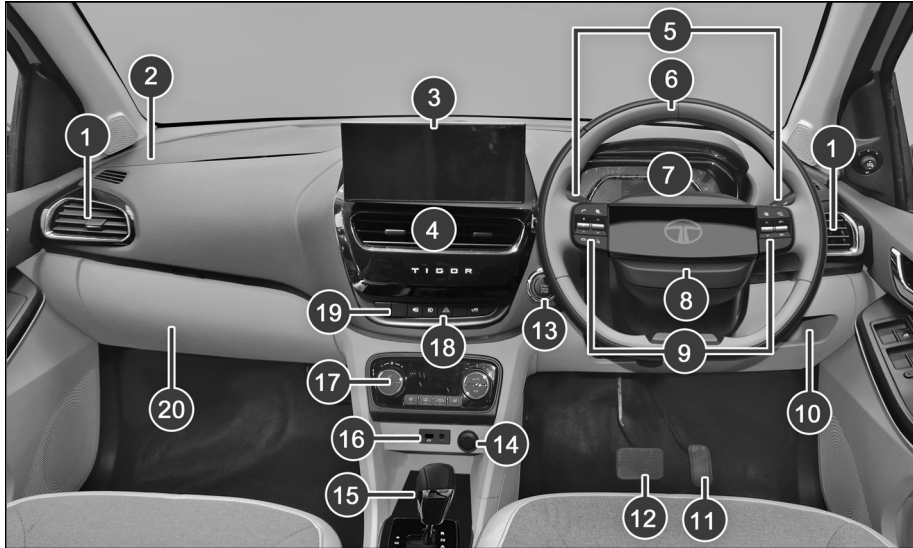
The above shown image is for reference purpose only.

1	A.C. Air vent (Side)
2	Air Bag (PAB)
3	Infotainment Display (if equipped)
4	AC Air Vent (Center)
5	Combi-Switch
6	Steering Wheel
7	Instrument Cluster
8	Air Bag (DAB)
9	Steering Wheel Switches (if equipped) / Horn pad
10	Driver side coin box
11	Accelerator
12	Brake
13	Clutch
14	Start/Stop switch
15	Power Socket
16	Gear Shift Lever
17	USB Port - if fitted
18	HVAC Manual/FATC (If equipped)
19	Hazard Warning Switch
20	Fascia Switches
21	Glove Box

## DASHBOARD AND FEATURES

### COCKPIT (AMT)

AMT:



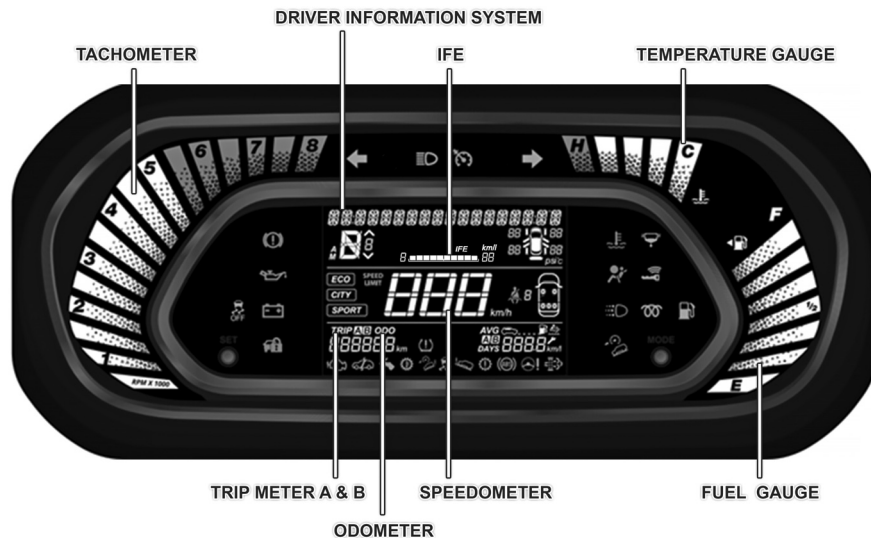
The above shown images are for reference purpose only.

1	A.C. Air vent (Side)
2	Airbag (PAB)
3	Infotainment Screen
4	A.C. Air vent (Middle)
5	Combi-Switch
6	Steering Wheel
7	Instrument Cluster
8	Air Bag (DAB)
9	Steering Wheel Switches (if equipped) / Horn pad
10	Driver Side Coin Box
11	Accelerator Pedal
12	Brake Pedals
13	Start Stop Switch
14	Power Socket
15	Gear Shift Lever
16	USB Port - if equipped
17	HVAC Manual /FATC Control panel (If equipped)
18	Hazard Warning Switch
19	Fascia Switches
20	Glove Box

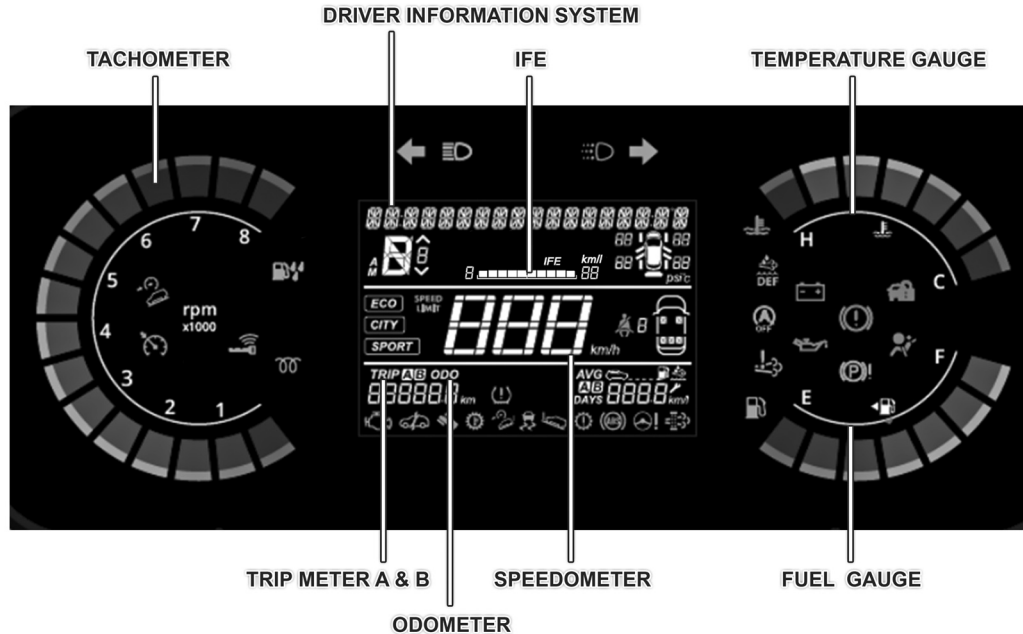
## DASHBOARD AND FEATURES

### DIGITAL DISPLAY (4" INCH) (IF EQUIPPED)

#### 4" Inch Display Option I (If equipped)



### 4" Inch Display Option II



## DASHBOARD AND FEATURES






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>

## DASHBOARD AND FEATURES


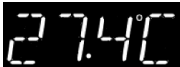

Gauge	Information	Note/Warning
Temperature Gauge	<p>When the ignition switch is in the "ON" position, this gauge indicates the engine coolant temperature. The indicator should be within normal, acceptable temperature range i.e., between "H" and "C". If the indicator approaches "H", overheating is indicated by red LED bar in case of 4".</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'.</p> <p>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> 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> 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 Set switch when display is in a TRIP A mode.</li> <li>Trip B can be RESET to 0 by pressing Set switch when display is in a TRIP B mode.</li> </ul>

## DASHBOARD AND FEATURES

### Driver Information System

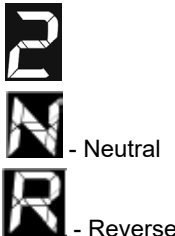

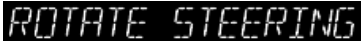

Driver Information	System Image	Description
Service reminder	 	<p>This indicates how many days/kilometres are left until service is due. If service is overdue, it will display "0" km or "0" days and a spanner symbol will blink every time ignition is ON for a few seconds. Never reset the display between service intervals as it may give incorrect readings. The information is retained in the service interval display even after the vehicle battery is disconnected.</p> <p><b>NOTE:</b> 1. This option is for indicative purpose only. Keep track of your odometer reading and follow the maintenance schedule. 2. Spanner symbol will be continuously "ON" when service is overdue.</p>
Gear Recommendation	 	<p>Up or down arrow will be displayed on DIS to shift a gear up or down. No arrow shall be displayed when the selected gear is as per the Vehicle dynamics.</p> <p><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.</p> <p><b>NOTE:</b> If any other door is open roof lamp will be 'ON' provided that roof lamp switch is on door position.</p>

## DASHBOARD AND FEATURES


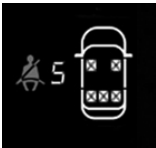
Driver Information	System Image	Description
Door Ajar		This warning will be indicated when driver door is open. <b>NOTE:</b> If any other door is open roof lamp will be 'ON' provided that roof lamp switch is on door position
Outside Ambient Temperature		Displays outside ambient temperature in °C. <b>NOTE:</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 heat and the exhaust from surrounding traffic. This can cause an incorrect temperature reading when speed is under low speeds or when stopped. If display shows ' - - ', take your car to TATA MOTORS Authorised Service Center.
Clock		When the ignition switch is in the "ON" position, it shows the time 12 Hours or in 24 Hours mode as per selection.  <b>Note:</b> 1. You can do clock settings in Infotainment system when Infotainment is present in the vehicle. 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.










## DASHBOARD AND FEATURES

Driver Information	System Image	Description
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> <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> 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 for DCA feature (if Equipped)		<p>Illuminates momentarily when ignition is switched 'ON'. Illuminates continuously when there is a High Temperature of Dual Clutch Transmission System.</p> <p>Contact a TATA MOTORS Authorised Service Center immediately.</p>










## DASHBOARD AND FEATURES

Driver Information	System Image	Description
Front Seat Belt Indicator		<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.</p> <p>If any driver and Passenger seat belt remains unbuckled and vehicle speed goes above 15 km/ hr, then Seat belt telltale will also start flashing along with audio alarm during Final Warning.</p> <p><b>Note:</b> 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		<p>The seat belt warning lamp remains ON unless seatbelt is buckled.</p> <p>When reverse gear is engaged 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 DCA if equipped)		<p>Current gear engaged by the transmission shall be displayed on Display Screen along with D. This feature is applicable to Dual clutch transmission variant.</p>


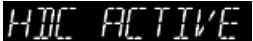










## DASHBOARD AND FEATURES


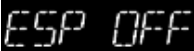
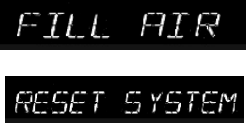



Driver Information	System Image	Description
		Note: If <b>F</b> is displayed, it means 'Fault' condition. In such case, take vehicle to a TATA MOTORS Authorised service Center.
Key batt low (for PEPS )		"KEY BATT LOW" text warning comes 'ON' for 4 seconds when UID key battery is low.
Key out of range (for PEPS )		"KEY OUT OF RANGE" text warning comes 'ON' for 4 seconds when UID key is not inside the vehicle.
Press Clutch (for PEPS )		"PRESS CLUTCH" text message comes 'ON' for 4 seconds when clutch is not pressed to crank the vehicle. <b>Note:</b> This text warning is applicable for MT vehicle.
Press Brake (for PEPS )		"PRESS BRAKE" text message comes 'ON' for 4 seconds when BRAKE is not pressed to crank the vehicle. <b>Note:</b> This text warning is applicable for AT 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		

## DASHBOARD AND FEATURES




Driver Information	System Image	Description
		"LOW FUEL" text warning comes 'ON' for 4 seconds when low fuel warning telltale comes 'ON' and fuel level is low.
Over speed		"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. <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.
Unable to resume (if equipped)		"UNABLE TO RESUME" text warning comes 'ON' for 4 seconds when cruise function is unable to resume/activate.
Cruise off (if equipped)		"CRUISE OFF" text warning comes 'ON' for 4 seconds when cruise function is deactivated.
Cruise cancelled (if equipped)		"CRUISE CANCELLED" text warning comes 'ON' for 4 seconds when cruise function is cancelled by user.
Cruise resume (if equipped)		"CRUISE RESUME" text warning comes 'ON' for 4 seconds when cruise function is resume.
Cruise Override (if equipped)		"CRUISE OVERRIDE" text warning comes 'ON' for 4 seconds when cruise function is override by user.

## DASHBOARD AND FEATURES





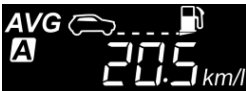
Driver Information	System Image	Description
Happy Birthday (if equipped)		"HAPPY BIRTHDAY" text comes 'ON' for 4 seconds on owner's birthday.
HDC Active (if equipped)		"HDC ACTIVE" text warning comes 'ON' for 4 seconds when hill descent control function is active.
HDC deactivate (if equipped)		"HDC DEACTIVE" text warning comes 'ON' for 4 seconds when hill descent control function is deactivated.
TPMS ERROR VISIT SERV CENT - Text Warning	 	TPMS ERROR VISIT SERV CENT" text warning comes 'ON' for 4 seconds when pressure monitoring system malfunction
TURN IGN OFF AND ON AGAIN - Text Warn- ing (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
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

Driver Information	System Image	Description
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)		"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.
		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 "CHECK TYRE" for 1s and "PRESSURE" for another 1s text warning comes ON for 2cycle within 4secs if Tyre pressure is LOW.
TPMS - Tyre Pressure Monitoring System		Tyre pressure value of respective Tyre and Tyre symbol will blink if Tyre pressure is High.

## DASHBOARD AND FEATURES

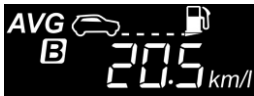

Driver Information	System Image	Description
(if equipped)		<p>Tyre pressure values will be displayed with “psi” unit for remaining tyres.</p> <p>“CHECK TYRE“ for 1s and “PRESSURE” for another 1s text warning comes ON for 2 cycle within 4 secs if tyre pressure is HIGH.</p>
		<p>Text warning “AL” near to respective tyre and tyre symbol will blink if air is leakage.</p> <p>Tyre pressure values will be displayed with “psi” unit for remaining tyres.</p> <p>“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>Text warning “HI” near to respective tyre and tyre symbol will blink if tyre temperature is High.</p> <p>Tyre temperature values will be displayed with °C unit for remaining tyres.</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>
TPMS		<p>Text warning “- -”near to respective tyre and tyre symbol will blink if sensor has fault/missing.</p>

## DASHBOARD AND FEATURES



Driver Information	System Image	Description
Tyre Pressure Monitoring System (if equipped)	 	<p>Tyre pressure values will be displayed with “psi” unit for remaining tyres.</p> <p>“TPMS ERROR” text warning comes ON for 4 seconds when TPMS sensor has fault.</p> <p><b>Note:</b></p> <p>If text warning “- -” is displayed, it means “fault/missing” condition. In such case, take vehicle to TATA MOTORS Authorised Service Center</p>
TPMS Tyre Pressure Monitoring System (if equipped)	 	<p>Text warning “—” near to all the tyre and tyre symbol will blink if TPMS system has fault/missing.</p> <p>“TPMS ERROR” test warning comes ON for 4 seconds when TPMS system has fault.</p> <p><b>Note:</b></p> <p>If text warning “- -” is displayed, it means “fault/missing” condition. In such case, take vehicle to TATA MOTORS Authorised Service Center.</p>
Average Fuel Economy for Trip A		<p>Displays “Average Fuel consumption” for trip A or B since it was reset</p> <p>Resolution: 0.1 km/l</p> <p>Average Fuel Consumption shall Reset to 0 when respective Trip meter is reset.</p> <p>Average Fuel Economy shall be displayed as ‘—.’ for initial 0.5 km of respective trip. Once 0.5 km distance is covered, Average Fuel Economy shall be displayed.</p>



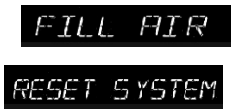

## DASHBOARD AND FEATURES

Driver Information	System Image	Description
Average Fuel Economy for Trip B		<p>Even after 0.5 km distance covered for particular trip, Average fuel economy is displayed as '—'—take vehicle to TATA MOTORS Authorised Service Center.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>• AFE value is estimate of fuel economy. It may vary significantly based upon driving conditions, driving habits and condition of vehicle.</li> <li>• Average Fuel Consumption shall get Reset to 0 when Battery is removed and refitted.</li> <li>• For AFE, the indicated maximum value is 30 km/l. No more than 30 shall be indicated on the display even if the actual AFE is higher than 30 km/l.</li> </ul>
Instantaneous fuel economy (IFE)		<p>INST FE shall vary frequently as per driving pattern. The INST FE display does show Fuel Economy of last drive. It indicates Instantaneous Fuel economy of current Drive when Ignition is turned ON.</p> <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>User can change the INST FE unit as km/l or Miles per Gallon (MPG UK) using SET and MODE buttons. 'MPG' is applicable for Export variant only.</p> <p><b>Continued on next page..</b></p>

## DASHBOARD AND FEATURES

Driver Information	System Image	Description
		<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> <p>For MPG setting, the indicated maximum value of INST FE is 80 MPG. No more than 80 shall be indicated on the display even if the actual INST FE is higher than 80 MPG.</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:</p> <p>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>

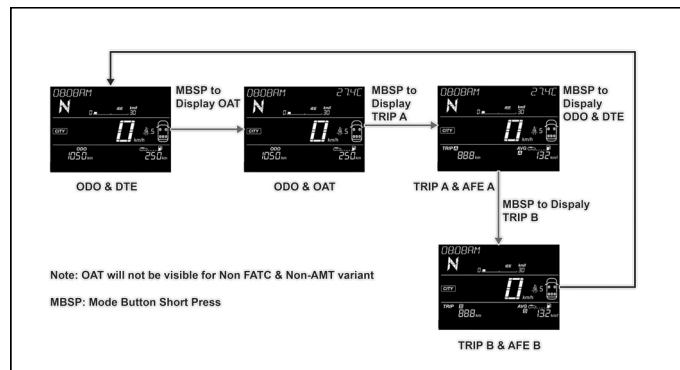
## DASHBOARD AND FEATURES

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'. This is part of the welcome strategy.

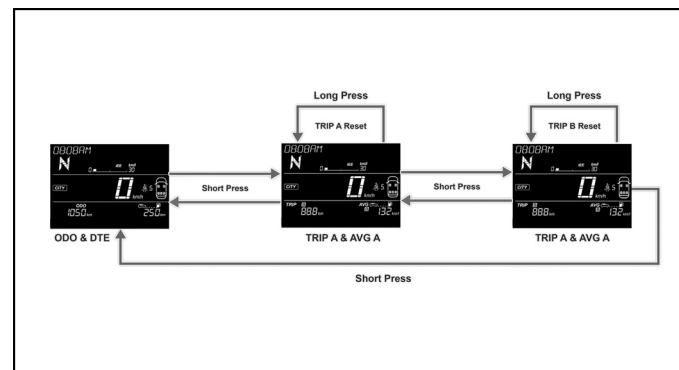
## Driver Information System (DIS) Setting (If equipped)

### Screen Setting

#### Option I:



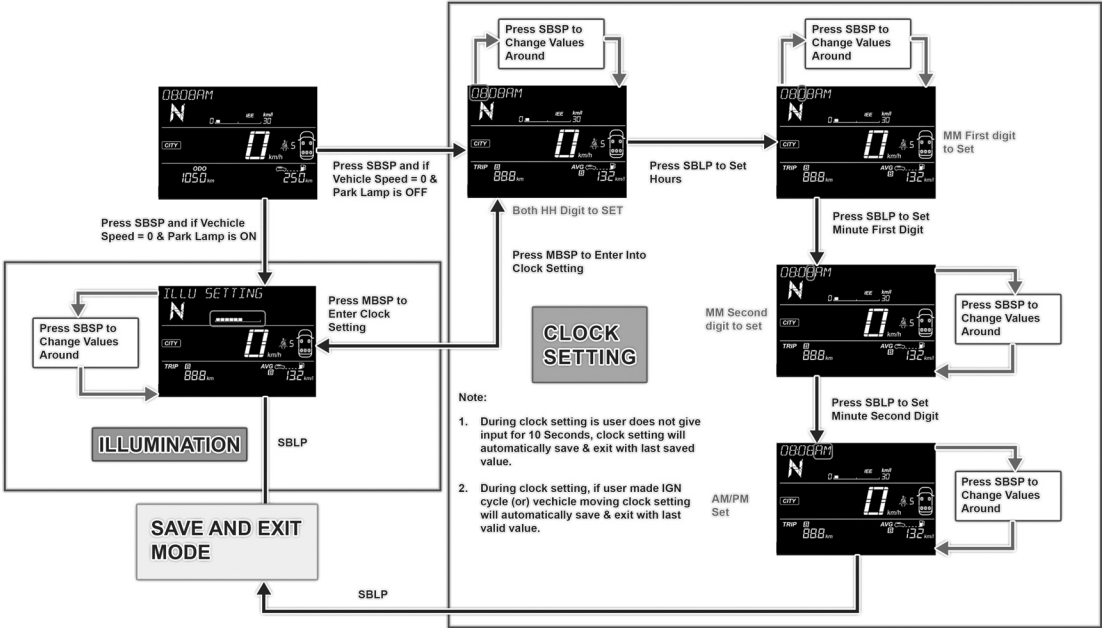
#### Option II:



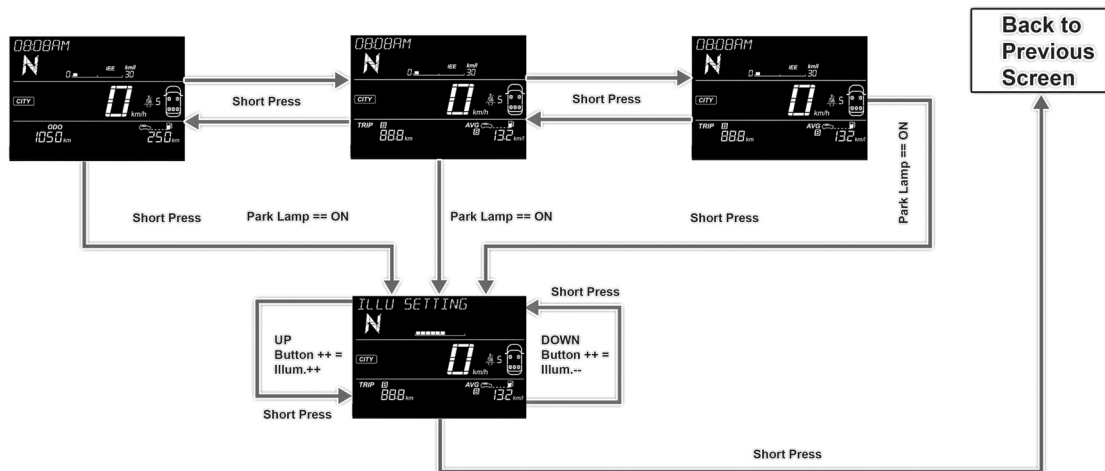
# DASHBOARD AND FEATURES

## Illumination And Clock Setting

Option I:

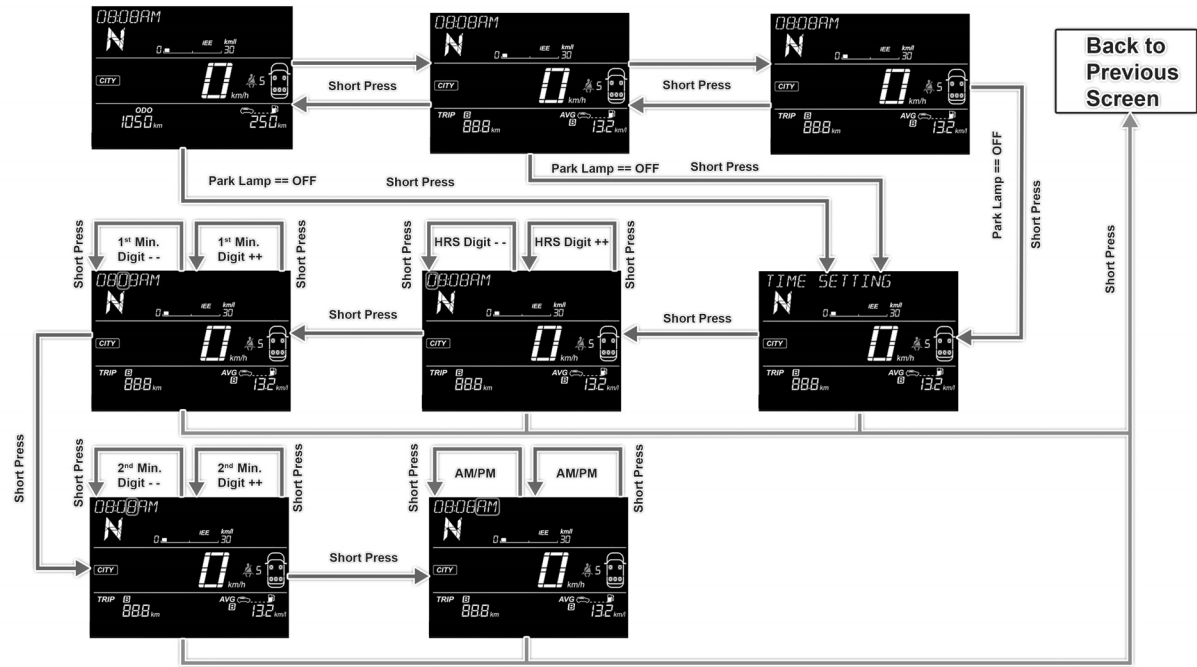


## Option II:







# DASHBOARD AND FEATURES

## Clock Setting







## TELL TALES





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 Authorized Dealer/Service Center.</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>





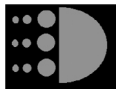



## DASHBOARD AND FEATURES

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>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 telltale 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>
Airbag status	Red		The lamp comes on when ignition is switched 'ON' and goes 'OFF'. If it continuously blinks then contact the TATA MOTORS Authorized Service Center.





## DASHBOARD AND FEATURES

Warning Lamps	Color	Indicator	Remarks
Park Brake / Brake Fluid Low / EBD malfunction	Red		<p>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:</p> <ol style="list-style-type: none"> <li>1. Brake fluid level is low.</li> <li>2. Park brake is applied.</li> <li>3. EBD malfunctioning.</li> </ol>
AMT Fault (if equipped)	Amber		<p>Illuminates momentarily when ignition is switched 'ON'. Illuminates continuously when there is a fault in Automatic Manual Transmission system. Contact a TATA MOTORS authorized Service Centre immediately.</p>
High Coolant Temperature	Red		<p>The lamp comes on when ignition is switched 'ON'. Once engine is started, it turns 'OFF'. 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. <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 comes on when ignition is switched 'ON'. Once engine is started, it turns 'OFF'. The lamp remains on if there is any malfunction in ABS. Normal braking system will be operational without assistance of ABS. Contact the TATA MOTORS Authorized Dealer/Service Center immediately.</p>

## DASHBOARD AND FEATURES

Warning Lamps	Color	Indicator	Remarks
Low Fuel indicator	Amber		<p>The lamp comes on when ignition is switched 'ON' and gets 'OFF' after self-check.</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> 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 (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 Authorised Service Centre immediately.</p>
Daytime running lamps DRL (if equipped)	Green		<p>The lamp comes on when ignition is switched 'ON'.</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>
Press Clutch / Brake Pedal to Start Engine (if equipped)	Amber		<p>This lamp comes on with IGN ON till user presses the clutch pedal to start the engine.</p>
Door Ajar lamp	White / Red		<p>All four door and Tail gate are indicated independently when the respective door or tail gate is open.</p>
Key Not Detected (if equipped)	Amber		<p>This lamp comes on when the Valid Smart key is not detected inside the vehicle.</p>

## DASHBOARD AND FEATURES

Warning Lamps	Color	Indicator	Remarks
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. 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. 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).
HHC warning lamp (if equipped)	Amber		Illuminates momentarily when ignition is switched 'ON'. If continuously on then HHC, system is in fault condition. Please take your vehicle to TATA authorized service Centre at the earliest.
Electronic Stability Pro-gram (ESP) (if equipped)	Amber		Illuminates momentarily when ignition is switched 'ON'. If continuously ON then ESP system is at fault condition, Please take your vehicle to nearest TATA authorized service Centre at the earliest.
TPMS	Amber		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 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.

## DASHBOARD AND FEATURES

### AUDIO REMINDERS (if equipped)

#### Key-in Reminder/audio Warning

If you forget the key inside the vehicle when you leave the ignition in 'OFF' position, an audio warning will sound. Remove key to stop the warning.

#### If No Key Is Detected In The Vehicle

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 be sounded for nine times to alert that the key is not in the vehicle.

#### NOTE

*In this condition customer needs to bring the smart key inside the vehicle.*

#### Parking Lamp 'ON' Reminder

If you forget to turn OFF the park lamp, an audio warning will be started. Switched OFF the park lamps to stop the warning.

#### NOTE

*Do not forget to turn OFF your park lamp as it may drain the vehicle's battery.*

#### 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.

#### NOTE

*Disengage the park brake to stop Audible warning.*

#### Reverse Gear Reminder

If reverse gear is engaged, the buzzer sound will alert you for 1 second.

#### Driver Seat Belt Reminder

If seatbelt is not fastened and vehicle goes above 15 kmph, then final audio warning will go more than 90 seconds. Seat belt tell-tale light will remain continuously ON when audio alarm is active.

#### Front Passenger Seat Belt Reminder

If front passenger has not fastened seat-belt and if vehicle speed goes above 15 kmph, then final audio warning will go more than 90 seconds. Seat belt tell-tale light will remain continuously ON when audio alarm is active.

#### NOTE

*Fasten the seatbelt to stop audio warning.*

#### Rear Passenger Seat Belt Reminder

1. The seat belt warning lamp turns on for 60 sec in case seatbelt is not buckled. If speed exceeds 15kmph, audio warning start alarming for 35 sec.
2. When reverse gear is engaged/disengaged, thereafter forward gear selected and speed is below 10 kmph then visual warning turns on and above 10 kmph audio warning start alarming for 35 sec.
3. If rear door accidentally remains unlatched and vehicle speed is below 10 kmph then visual warning turn on, if

speed is above 10 kmph then audio warning start alarming.

### **i NOTE**

*Fasten the seatbelt to stop audio warning.*

### **Steering Wheel Locked Chime**

If steering wheel is locked in the vehicle, then sound warning will be given to alert user.

### **AMT Fault Reminder**

If Fault occur in AMT, 3 second audio warning will alert you.

### **Tyre Pressure Monitoring System**

Audible warning for 4 second will be given to alert the user, if

- Tyre Pressure is low
- Tyre Pressure is high
- Tyre temperature is high
- Tyre air pressure leakage

Also Audible warning for 20 second will be given to alert the user, if

- TPMS system has fault

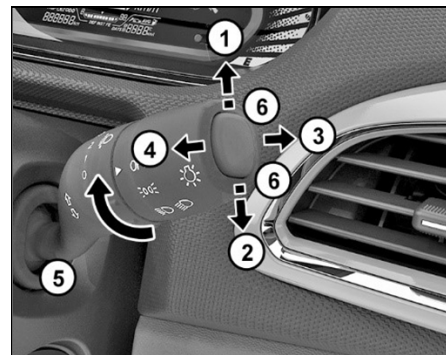
- TPMS Sensor fault or missing.

### **i NOTE**

*TPMS is not applicable for spare wheel.*

## **DASHBOARD AND FEATURES**

### **COMBI-SWITCH (RH Stalk) (if equipped)**



#### **1. Left Turn Signal**

Move the lever fully upward.

#### **2. Right Turn Signal**

Move the lever fully downward.

### **i NOTE**

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

## DASHBOARD AND FEATURES

### 3. High Beam

Move the lever forward to select the high beam function.

Pull the lever back to normal for low beam.

### 4. High Beam Flash (spring return)

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.

### 5. Headlamp Rotary Switch

#### OFF Position

All lamps will remain 'OFF'.



#### Parking Lamp

Rotate stalk to turn 'ON' the Parking lamps.



#### Low Beam

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



#### Auto Light

The headlights will be automatically switched ON depending on ambient light conditions (while

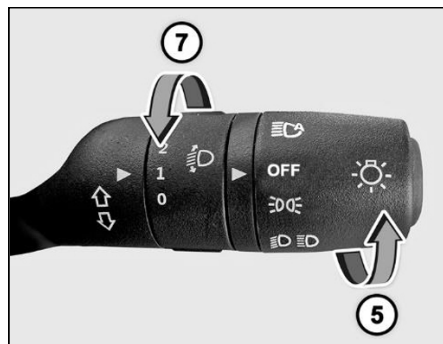


entering a tunnel or when it is twilight).

### 6. Lane Change Signal

To signal a lane change, move the lever slightly up or down to the point where the turn signal light begins to flash for six times, but the lever does not latch. The turn signal will flash six times automatically.

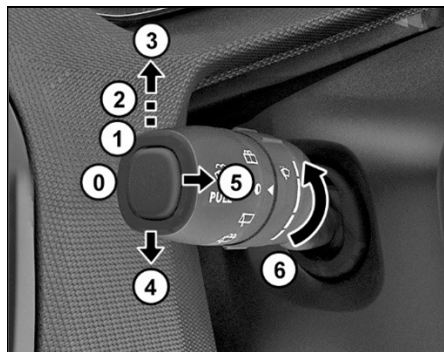
### 7. Head Lamp Leveling Rotary Switch



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) (if equipped)



#### 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. Push the stalk towards position (1) for single wipe.



#### 2. Slow Wipe

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

#### 3. Fast Wipe

Push the stalk towards position (3) for continuous fast 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. Auto Front Wipe (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 wipe sensitivity can be altered with the help of intermittent wipe rotary switch.

#### **i** NOTE

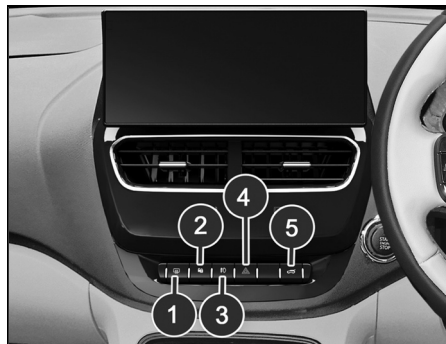
*When you crank the engine, the supply to washer motor is momentarily cut off.*



## DASHBOARD AND FEATURES

### DASHBOARD CONTROLS

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



1. Rear Window demister
2. Center locking switch
3. Front fog lamp switch
4. Hazard Warning Switch
5. Tail gate opening switch

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

#### 1. Rear Window Demister

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



#### 2. Center Locking Switch (if equipped)

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

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.



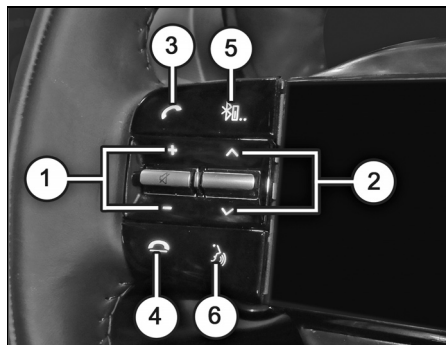
#### 5. Tail Gate Opening

To unlatch the tail gate/truck lid, press the switch located on fascia switch.



### STEERING MOUNTED CONTROLS (IF EQUIPPED)

#### Steering Mounted Controls (LHS)



##### 1. Volume



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

##### 2. 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.

##### 3. Phone Receive



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

##### 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. Push To Talk

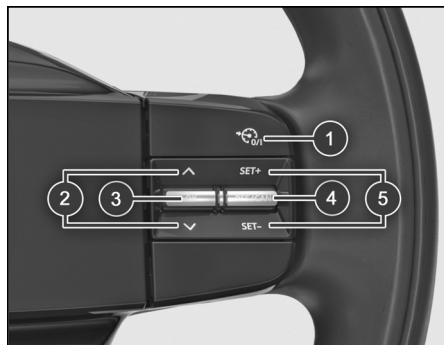


For Voice Recognition, press this switch. The system mutes/pauses the currently played audio and you will hear a beep sound to

indicate the activation of the voice recognition feature. The system displays the voice recognition screen on Infotainment to indicate activation of the feature.

## DASHBOARD AND FEATURES

### Steering Mounted Controls (RHS)



#### 1. Cruise ON/OFF

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

#### 2. Page Up/down

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

#### 3. Selection (OK)

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

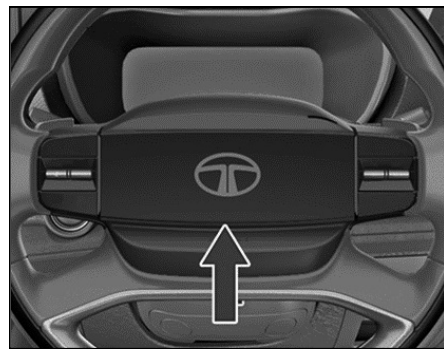
#### 4. RES / CAN

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.

### HORN



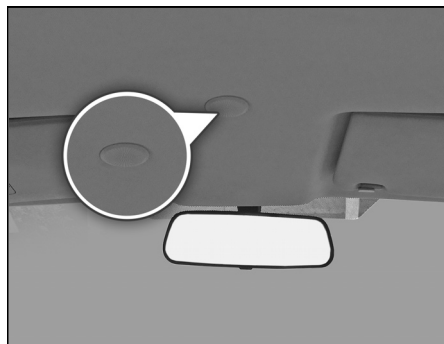
Horn is located on steering wheel. Use it whenever required.

#### WARNING

Check out for No Horn zone, where use of horn is prohibited.

Avoid using sharp objects which can create scratch on illuminated emblem. Do not use sharp objects for cleaning the gap between horn pad and steering wheel.

### MIC (if equipped)



Mic is provided on the roof.

### INFOTAINMENT SYSTEM DISPLAY (if equipped)

#### Option I



#### Option II




## DASHBOARD AND FEATURES


### 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

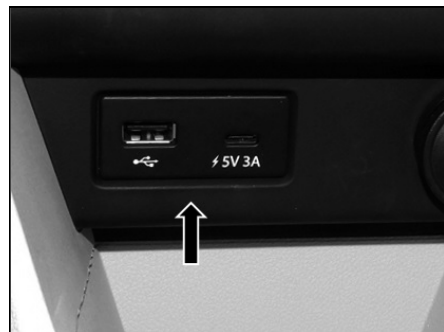
1. Park the vehicle.
2. Hold the Steering wheel Mute button (long press)  for more than 10 secs and then release the button as soon as the display goes blank.

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.*

### USB PORT (If equipped)



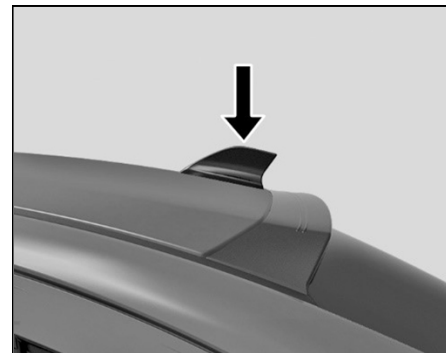
#### USB A + C Charger Front

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.

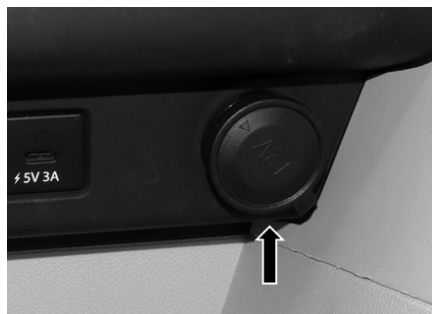
### ANTENNA

#### Option I



Shark FIN antenna is provided on the roof at rear end.

### POWER SOCKET

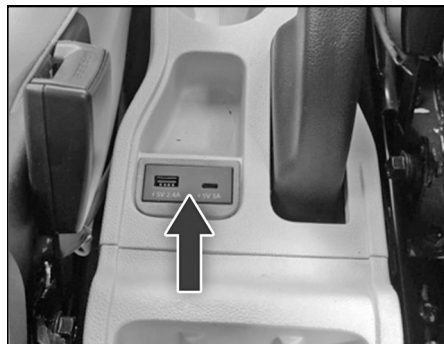


#### Power Socket Front

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.

#### **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 de-signed to plug into this type of socket and rating.*



#### USB A + C Charger Rear

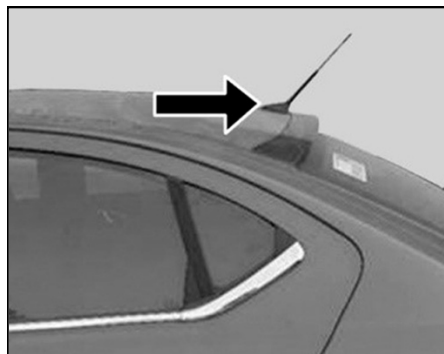
A type USB port is used to charge mobiles which are having A type interface.

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

## DASHBOARD AND FEATURES

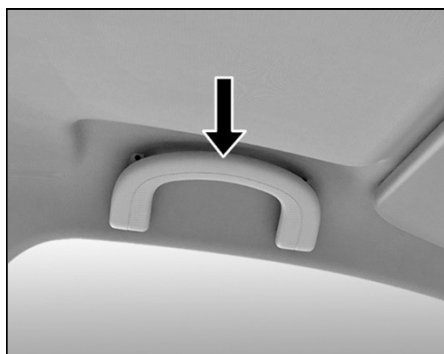
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### Option II



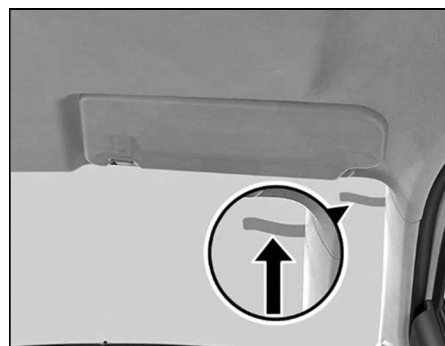
Antenna is located on the roof. Turn the antenna anticlockwise to remove it from the vehicle, if required.

### ROOF GRAB HANDLE



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.

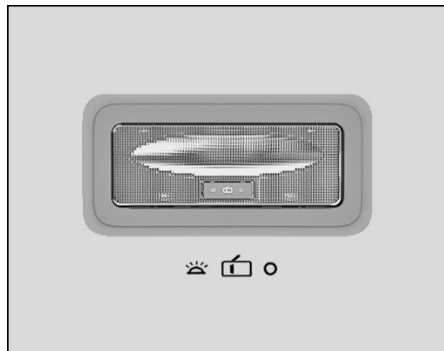
### TAG HOLDER



Tag holder is provided near the front windshield for ease of displaying toll, parking tickets, ID's, passes, labels etc.

### 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.

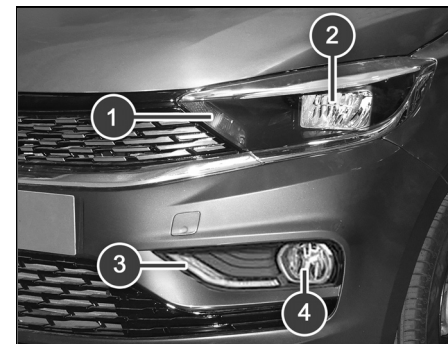


When the key is turned to the 'IGN' position, the lamp goes 'OFF' immediately.

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



### FRONT LAMP



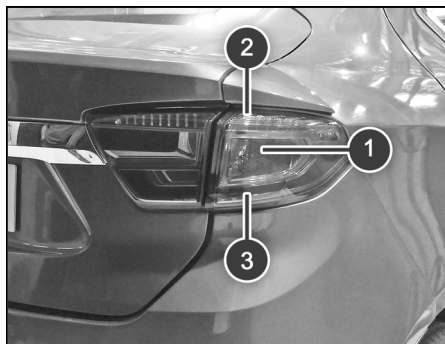
Front lamp consist of:

1. Position /Turn indicator lamp
2. Head Lamp
3. DRL (if equipped)
4. Front fog lamp (if equipped)



## DASHBOARD AND FEATURES

### TAIL LAMP



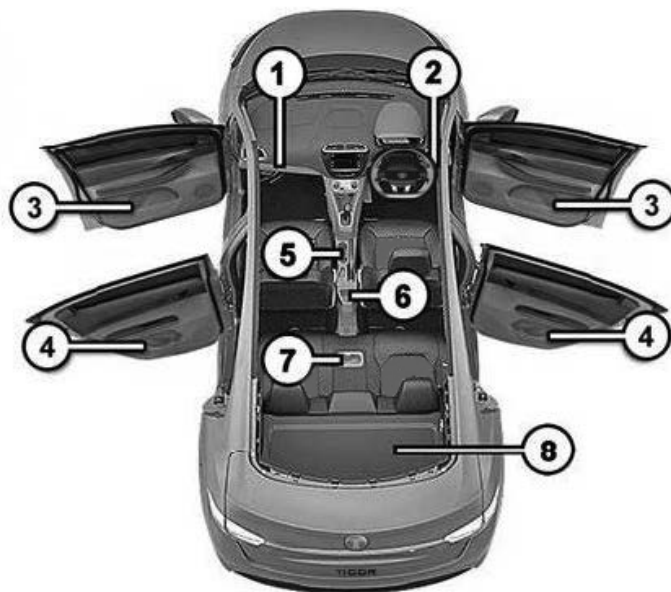
Tail lamp consist of:

1. Turn indicator
2. Stop lamp
3. Parking / Position lamp



1. HMSL- High Mounted Stop Lamp
2. Reverse lamp (on LH lamp only)

## STORAGE COMPARTMENT



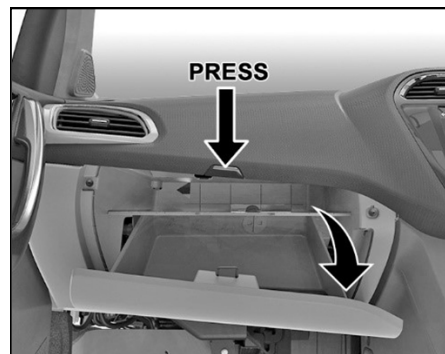
1. Glove box
2. Driver side pocket
3. Utility pockets on front doors

4. Utility pockets on rear doors
5. Center console
6. Bottle Holder

7. Foldable Arm rest
8. Tailgate compartment

## STOWAGE AREAS

### Glove Box



#### Opening And Closing

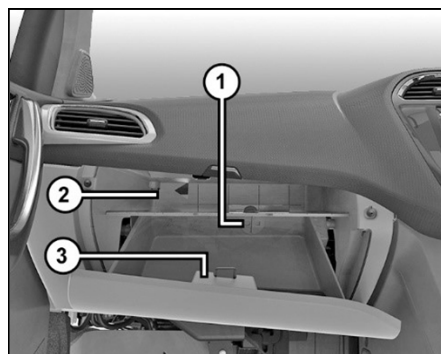
**To open** - Press the knob and open the glove box flap.

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

#### NOTE

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

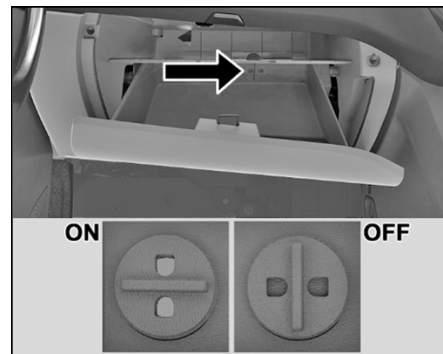
### Stowage Detail (if equipped)



Following items can be stowage in glove box.

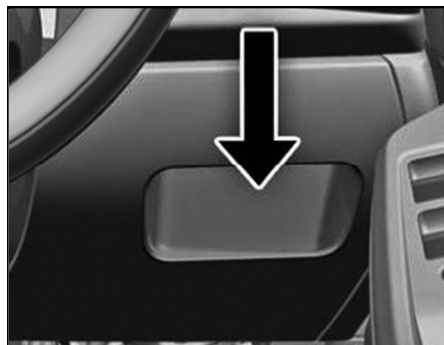
1. Vent - Chiller glove box (If equipped)
2. Laptop holder
3. Pen / Visiting card holder

### Cooling Facility (if equipped)



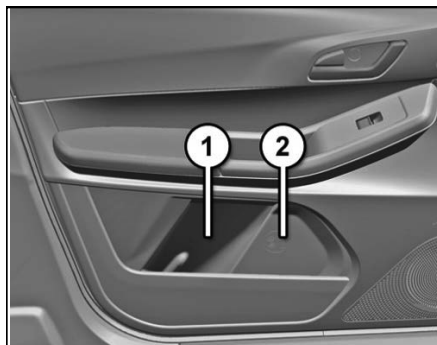
On selected models glove box is provided with a cooling facility. It cools the glove box only when the front A/C is ON. Shut OFF the vent by rotating the knob, whenever cooling is not required.

### Driver Side Coin Box



Stowage is provided on RH side of steering wheel for Coin, mobile and wallet.

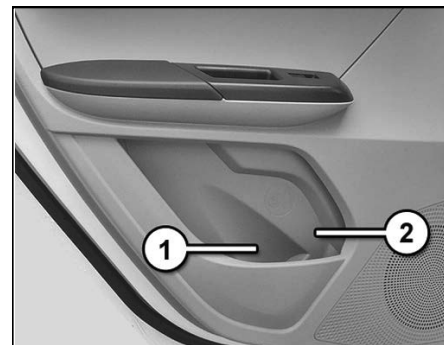
### Utility Pockets On Front Doors



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

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

### Utility Pockets On Rear Doors

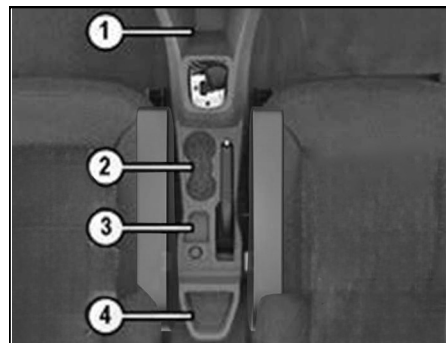


Utility pockets are available on rear doors and it can be used to keep following items.

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

## STOWAGE AREAS

### Center Console



#### a) Stowage compartment

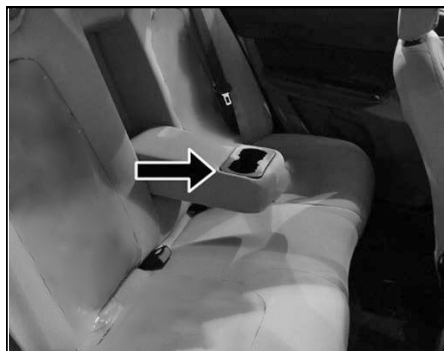
Stowage compartment provided for keeping cell phones, iPod's, chargers etc.

#### b) Cup holder

#### c) Coin storage

#### d) Bottle holder

### Foldable Arm Rest

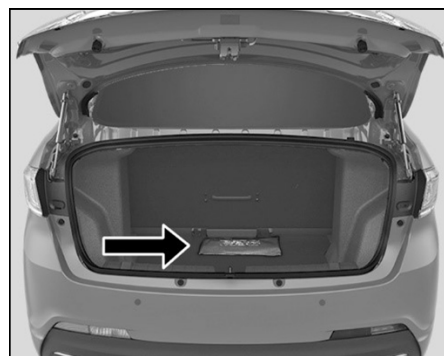


A foldable arm rest has been provided in the rear seat. It also has two cup holders, which can be accessed by opening the cover. When not required, fold the armrest back into the seat.

#### **i** NOTE

- *Remove all items and cups before folding the cup holders.*
- *Use cups, containers, bottles of right size and which have lids. The content could otherwise spill.*

### Tailgate Compartment (luggage)



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.

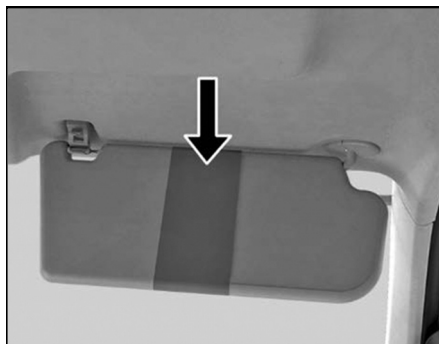
- Do not place anything on luggage cover as it could obstruct driver's rear view. Also in case of an accident or sudden braking, it could cause an injury to occupants.

### Magazine Pockets



Magazine pockets are provided on rear side of Driver and Co-driver seat.

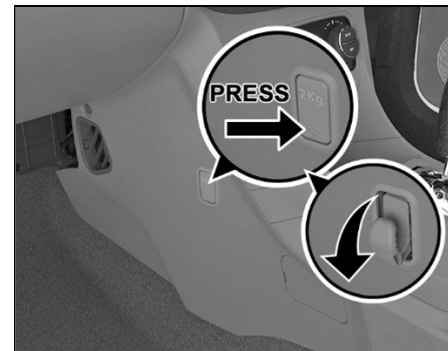
### Card Holder (If equipped)



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

### HOOKS (If equipped)

#### Collapsible Hook



Collapsible hook is provided for hanging small carry bags etc.

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### AIR DISTRIBUTION

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



**Note-** Above image is only for reference.



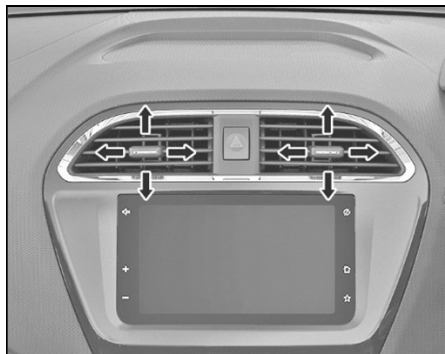
## CLIMATE CONTROL

### AIR VENTS

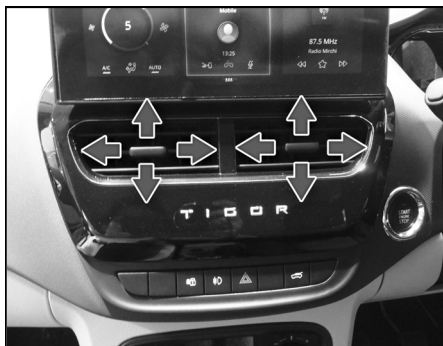
Air vents are available on the dashboard. The direction of air flow can be adjusted using sliders on the respective vents.

#### Centre Air Vents (Front)

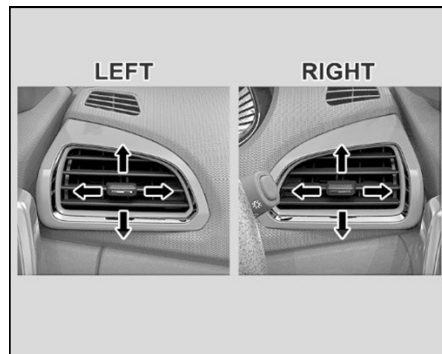
Option I:



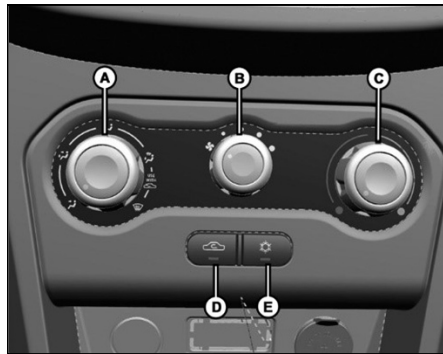
Option II:



#### Side Air Vents (Front)



## MANUAL HVAC CONTROLS



- A. Air Distribution Control
- B. Blower Speed Control
- C. Temperature Control
- D. Fresh / Recirculation air mode
- E. AC ON/OFF Switch

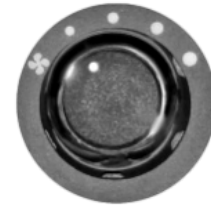
## A. Air Distribution Control



This is to select the air distribution pattern as described in the table.

	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)

## B. Blower Speed Control



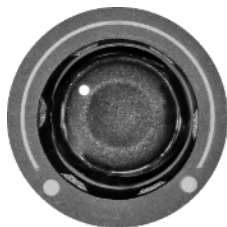
OFF

ON

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

## CLIMATE CONTROL

### C. Temperature Control



Blue

Red

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).

### D. Fresh / Recirculation Air Mode

Press the switch to activate / deactivate air recirculation mode.



Press to 'ON' or 'OFF'

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

Air inside the passenger compartment recirculates. 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 fogging up.

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

### E. 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.

#### NOTE

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

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

When desired temperature is achieved AC trips 'OFF' automatically.

***i* NOTE**

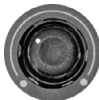












- *Condensate may drip from the underside of the vehicle when it is in cooling mode. Traces of water on the ground are normal and are not a sign of leakage or malfunction.*
- *Ventilate the vehicle for a brief period during warm weather. This will speed up the cooling process and the desired vehicle interior temperature will be reached quickly.*
- *Never cover the air vents or air intake grills 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.*

## CLIMATE CONTROL

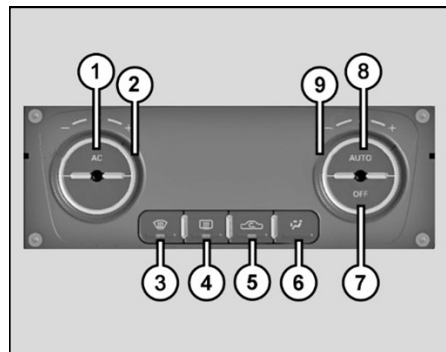
### Functions And Settings

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:

Functions	Control Knob Position			Button Position	
Settings	A. Air Temperature 	B. Blower Speed 	C. Air Flow Direction 	D. Fresh / Recirculation air mode 	E. AC ON / OFF 
<b>Normal heating</b>	Desired temp.	2 <sup>nd</sup> or 3 <sup>rd</sup> dot	 or 	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	 or 	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)

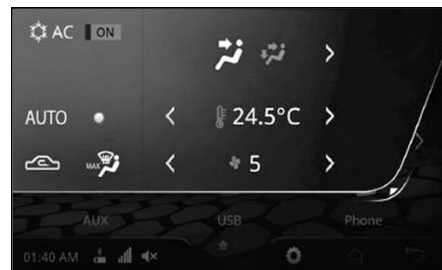
FATC system controls the in-cabin temperature of the vehicle automatically and provides maximum passenger convenience regardless of outside weather conditions.



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, it expands & displays different climate control setting options like Temperature, blower speed etc. and so on used for managing the climate control.

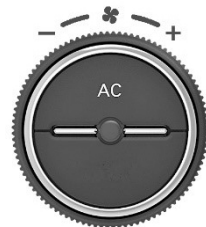
### FATC Controls

#### 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 speed.

## CLIMATE CONTROL

### 3. Max Defrost Button

1. This button directs the main airflow towards windscreen for faster defrosting. (It also overrides all modes).
2. 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

1. When the recirculation button is switched 'ON', air from the vehicle's interior is sent throughout the system.
2. 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 windscreen. 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 vents
	Directs air through the foot air vents
	Directs air through the defroster & foot vents
	Directs air through the defroster vents

## 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 climate control system in fully automatic mode:

1. Press the 'AUTO' button.
2. Set the desired temperature by turning temperature control knob. The display will show all the functions during 'AUTO' mode.

3. 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.
4. 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.



pressed.

## 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.

**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 semiautomatic mode till 'AUTO' is re-

**WARNING**

Do not set climate control features while driving.

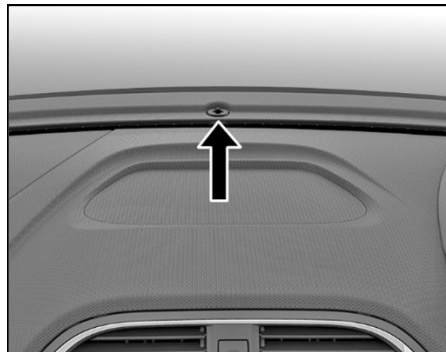


## CLIMATE CONTROL

### FATC Sensors

FATC system is fitted with three sensors

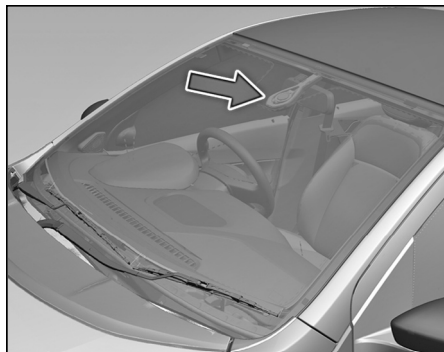
1. A solar sensor on the top of the dash-board.



2. In-car sensor on HVAC control panel.



3. Outside Ambient Temperature (OAT) sensor located under the front bumper grill.
4. The integrated rain and light sensor (as equipped) is mounted on front windshield glass to sense rain and light.



### 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.

## Functions And Settings

Functions	Control Knob Position			Button Position			
							
<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	

## CLIMATE CONTROL

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

### PRE DRIVING CHECKS

#### Make Sure That

- Windshield, windows, mirrors, lights, and reflectors are clean and unobstructed.
- Tool kit, jack & handle, warning triangle, owner's manual, first aid kit and vehicle documents are available and stored at their locations.

#### WARNING

Do not put any mat on the floor car-pet near control pedals area from occupant safety point of view. If floor mats are used by end user, for different reasons, they need to be secured in place with the provided floor carpet clips. This is recommended, as in normal driving conditions, floor mats may slip forward and interfere with pedals.

- All doors, engine bonnet and tail gate are securely closed and latched.
- All occupants should always wear seat belts or suitable CRS as applicable while travelling.

- Objects, luggage or loads are secured correctly against slipping or tipping.
- Rear seat is securely latched.
- There is sufficient fuel for the trip.

#### Daily Check

- Tyres for unusual wear, cracks or damage and embedded foreign material such as nails, stones, etc.
- Traces of fluid and oil below vehicle.

#### NOTE

*Water dripping below the car is normal. This is due to the usage of air conditioning system.*

- All lamps, wipers, wiper blades and horn for proper operation.
- All switches, gauges and tell tales are working properly.

#### Adjust

- Seats, head restraints and steering wheel position.
- Adjust all the mirrors before you start the car.

#### Weekly Check

- Engine oil level
- Coolant level
- Brake fluid level
- Windshield washer fluid level
- Battery electrolyte level
- Fuel level

#### NOTE

*Tyre pressure should always be measured in cold conditions. Do a check of the tyre pressure and condition after every 15 days, including the spare tyre.*

## STARTING AND DRIVING

### DRIVING TIPS

Fuel consumption, engine, transmission, brake and tyre wear are mainly affected by the below factors:

- Operating conditions of your vehicle
- Your personal driving style

### Operating Conditions

- Avoid frequent starts and stops as these actions increase the fuel consumption of the vehicle.
- Always ensure correct tyre pressure.
- Do not carry any unnecessary weight.
- Regularly service your vehicle and adhere to the recommended service maintenance schedule.

### Personal Driving Style

- Do not press the accelerator pedal when starting the engine.
- Do not warm up the engine when the vehicle is stationary.
- Always adapt your driving style to suit the prevailing road, weather conditions, and maintain a safe distance from the vehicle in front. Drive care-

fully.

- Avoid frequent, sudden acceleration and braking
- Select appropriate gear according to varying speeds and load conditions.

### NOTE

- *Do not rest your foot on the clutch pedal while driving.*
- *If clutch pedal is pressed for more than 3 minutes, then release the clutch pedal & again press clutch pedal with start stop button to crank the engine.*
- Switch 'OFF' the engine in stationary traffic or at signals.
- Keep an eye on the vehicle's fuel consumption.
- Safety systems are merely aids designed to assist driving. You are responsible for the distance between the vehicles in front, for vehicle speed and anticipating braking in good time.

### WARNING

- You could lose control of your vehicle if you try to adjust the driver's seat, head restraint, mirror, steering wheel and fasten the seat belt while driving. There is a risk of an accident.
- 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.
- Press the clutch fully while shifting the gears. The reverse gear should be engaged only when the vehicle is stationary. Transmission may get damage by trying to shift into reverse gear while the vehicle is moving. Wait for 5 seconds after declutching to ensure smooth engagement of the reverse gear or shift into one of the forward gears for a moment while clutch is pressed fully. This will avoid grinding of reverse gear while shifting.

### Good Driving Practices

- Slow down before you shift to a lower gear. This helps the engine to keep a lower rpm and result in less wear and tear of the engine components.
- Avoid frequent brake application which can cause overheating of brakes.
- Slow down the vehicle when you drive in cross winds to get better control over the vehicle.
- Avoid high speed when cornering or turning.
- Press the clutch fully while shifting gears.
- Make sure that vehicle is completely stationary before you attempt to shift in reverse gear.
- Drive slowly on wet roads.
- You can get extra braking from the engine by shifting to a lower gear. This can help you to maintain a safe speed and prevent your brakes from overheating specially while going down a hill.

### 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 about trying to drive through flowing 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 and sharp turns. It may cause loss of control and lead to a skid.
- 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.

## STARTING AND DRIVING

### 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 pavement. Allow greater following distances 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.
- 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 application under such situations should be done very.

### WARNING

When descending on sharp gradients, NEVER turn the ignition key to the ‘OFF’ position. Emission control system damage may result.

### Highway Driving

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.

### Recommended Fuel Economy Speeds (For MT)

Gear	Petrol
	Speed(kmph)
1	15
2	30
3	45
4	65
5	80

### Tips For Obtaining Better Fuel Efficiency

- Always maintain the specified tyre pressure during fuel top-ups and also before a long trip. Vehicle running with low tyre pressure will consume more fuel than the one running with specified tyre pressure.
- Keep the vehicle clean. Get rid of the unwanted stuff lying in the boot etc., to reduce weight.
- Regularly inspect your vehicle for any

leakages, worn out wires by rat bites etc.

- Always follow periodic & regular service schedule of the vehicle.
- In places with high dust content (e.g.: Gurgaon, Jaisalmer etc.), Clean the air filter element at every 5000 km.
- Anticipate the road conditions and drive in a smooth manner.
- Do not accelerate excessively when you are in lower gears (1<sup>st</sup> or 2<sup>nd</sup>). Be gentle on the accelerator when you are in traffic. In lower gears, opening up the throttle will increase the engine rpm while keeping the vehicle at lower speeds. This reduces the fuel efficiency of the vehicle.
- Be in the maximum possible higher gear at a given speed. This reduces the engine operating speeds which means the engine is running at lower rpm (Revolutions per Minute) for the same vehicle speed. Lesser the number of engine revolution lesser the fuel burned.
- Avoid harsh braking.

- Maintain healthy driving habits & while decelerating, do coasting in gear and not in neutral or with clutch pedal pressed.
- Use the car AC only when you require. For cooling, keep the blower speeds low, as at higher blower speeds, the AC consumes more electric power which is ultimately drawn from engine by burning fuel.
- Avoid unnecessary extra electrical loading on the car.
- Stop the engine wisely at traffic signals. Switch 'OFF' the engine at the traffic signal only if the stoppage time is high (typically more than 30 sec).
- When you drive on highways, close all the windows. This reduces the drag on the vehicle and improves fuel efficiency.
- Do not over speed. Follow the speed limits. With increasing speed, the engine rpm increases to overcome external air resistance and this reduces fuel efficiency.



## STARTING AND DRIVING

### Running-in Period (For MT)

The purpose of running in a car is to give time for the mechanical parts to settle so that they work efficiently. This involves gentle acceleration and not revving the engine too much. This is done by changing gears early for the first 1,500 – 1,800 km. This will increase the life of the engine.

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

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

Gear	Petrol
	Speed(kmph)
1	20
2	40
3	60
4	80
5	100

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

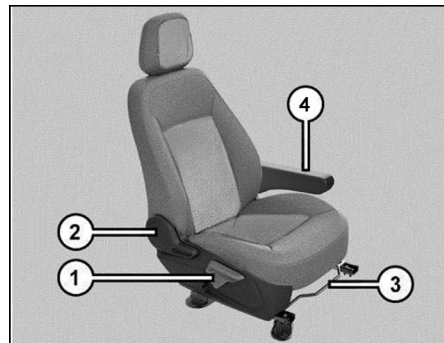
### **i** NOTE

*Avoid excessive revving up of engine rpm. Do not keep engine at idling for long duration.*

## SEAT ADJUSTMENTS

### Front Seat Adjustments

Following seat adjustments can be carried out manually.



- Seat height adjustment lever (if available)
- Backrest recliner adjustment lever
- Seat forward / rearward adjustment lever
- Seat Armrest

### **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.

### **Seat Height Adjustment (if equipped)**

To raise the seat, pull and continue pumping the lever (2) 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.

### **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.

### **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.

### **Seat Forward / Rearward Adjustment**

Lift lever (3) and slide the seat forwards or to the rear. Release lever and make sure that seat is securely latched.

### **NOTE**

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

### **Seat Armrest**

Seat armrest (4) is provided for driver and co-driver seats. Use armrest whenever necessary.

### **Occupant Detection Sensor**

An occupant detection sensor is installed in the front passenger seat to detect whether the seat is occupied or not. The

sole purpose of this sensor is to issue seat belt reminder warnings for the front passenger seat. The sensor does not have any control on the deployment of airbags.

### **WARNING**

Any modification in the seat material or addition of seat cover may damage or affect the performance of the sensor.

### **Rear Seats**



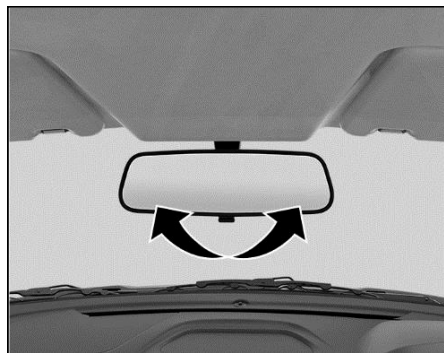
## STARTING AND DRIVING

### REAR VIEW 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.*

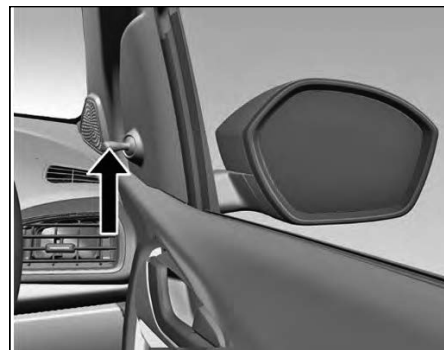
#### Outer Rear View Mirrors (ORVM)

You can adjust the outer rear view mirrors manually by Tip-Tap (By hand) or remotely by knob. Adjust the outside rear view mirrors to desired 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.*

#### Manual ORVM Adjustment (if equipped)



You can adjust the outer rear view mirrors manually.

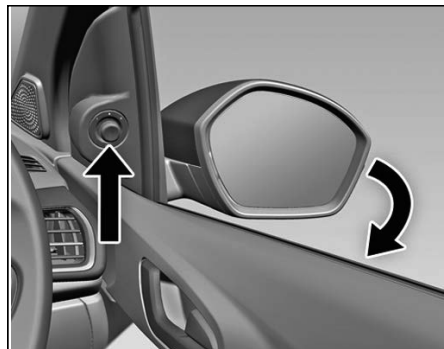
#### Manual Folding

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

#### Motorized ORVM Adjustment & Auto Fold (if equipped)

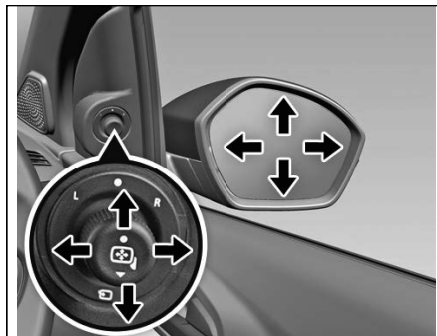
The switch to adjust the motorized mirrors is located on the driver's door. You can ad-

just the mirrors when the ignition switch is in the “ACC” or “ON” position.



### To Adjust The Mirrors

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



### 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



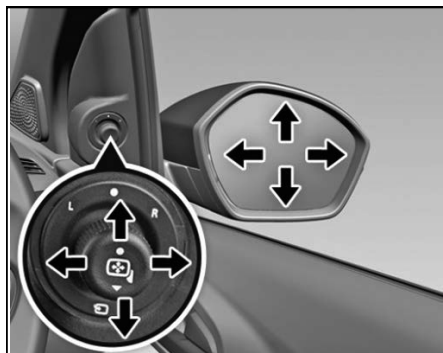
When you locked the vehicle, ORVMs will be folded automatically.

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

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

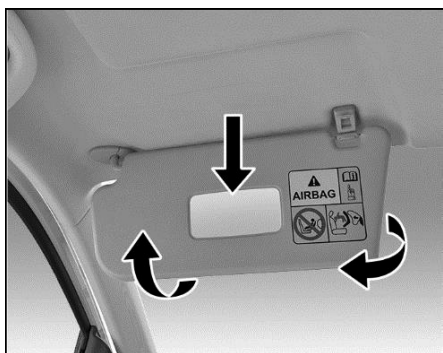
## STARTING AND DRIVING

### 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 / Driver side sun visor.

### 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 engine is 'OFF' or if the EPAS system becomes inoperative, the vehicle still can be steered with more steering effort.

This EPAS system is available with the following assist features.


#### **i** 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'. If this happens, turn the steering wheel to the right

or left slightly to unlock the steering wheel while turning the ignition key.

### WARNING

Below are the symptoms of the system malfunction. Then, take your vehicle to the nearest TATA MOTORS service center and have the EPAS system checked as soon as possible.

- The EPAS warning light does not illuminate even in case of abnormal operation.
- 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.

### NOTE

- *The steering effort can suddenly increase, if the operation of the EPAS system is stopped to prevent serious accidents when it detects mal*

function 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.*

## STEERING WHEEL ADJUSTMENT



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

The release lever is located under the steering column.

### To Adjust The Steering Wheel

- Adjust the seat to a comfortable position.
- Push "Tilt lever" completely down to unlock the steering column.
- Adjust the steering wheel to the desired position.

## STARTING AND DRIVING

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

### 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.*

### 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.

### 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.

## STEERING LOCK AND IGNITION SWITCH (If equipped)



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 clockwise 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.

## STARTING AND STOPPING (without PEPS)


### Starting The Engine

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.

#### NOTE

- 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.*

### Starting Off

To start off, 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 off, do not race the engine. Racing the engine can shorten engine life and affect smooth shifting.*

### Stopping The Vehicle

For vehicle equipped with turbocharger, turn the key to 'ACC' position to switch off



## STARTING AND DRIVING

the engine. Before switching off the engine, run the engine at idle speed for 30 seconds and then switch off. This will allow the engine oil to lubricate the turbocharger, till its speed is fully reduced and also allow the unit to cool down.

### 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 STOPPING (PEPS) (If equipped)

### Engine Passive Start/stop



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

### Start/stop Button

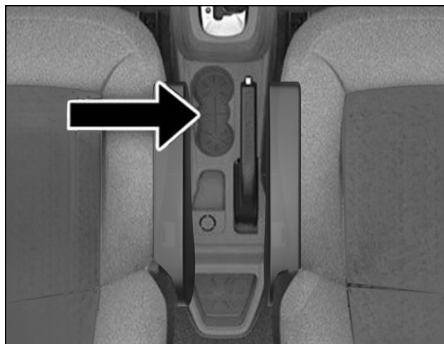
The start/stop button or Push to Start Button is a main component of Passive (Engine) Start and Stop system. It is used to control ACC, IGN outputs as well as to start and stop the engine.

### 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 (in Centre Console).



### Emergency Start

If the engine is switched from ON to OFF and start/stop button is pressed with clutch 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

- Bring the smart key with you and sit in the driver seat.
- Press the clutch pedal and then press the start/stop switch.
- Green colour LED on start/stop button will turn ON.
- Once engine is started successfully, the green colour LED on start/stop button stays ON.

#### Two Step Start

##### Step 1

- Have the smart key with you and sit on the driver's seat.
- Press the start/stop button without pressing clutch pedal.
- Amber colour LED on start/stop switch turns ON.
- Engine will remain OFF and all electrical equipment and infotainment system can be used. Steering is unlocked.

##### Step 2

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

#### Three Step Start

##### Step 1

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

##### Step 2

- Press the start/stop button without pressing clutch pedal again.
- Green colour LED on start/stop button will turn ON.

## STARTING AND DRIVING

- Engine will remain OFF but all electrical equipment and infotainment system can be used.

### Step 3

- Press the clutch pedal and then press start/stop button to start the engine.
- Green colour LED on start/stop button will turn ON.
- Once the engine is started successfully, the green colour LED on start/stop button stays ON.

## ENGINE PASSIVE STOP - CONDITIONS

### Single Press Stop

- IGN is ON and engine is running.
- Press the start/stop button with or without clutch.
- ACC and IGN turns OFF.
- LED on start/stop switch turns OFF.

### Single Long Press Stop

- IGN is ON and engine is running.
- Vehicle is in running condition i.e. wheel rpm >10 RPM or wheel sensor faulty.
- 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

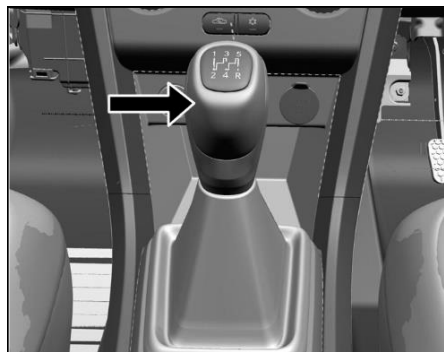
When vehicle is in OFF mode (ACC, IGN and Crank OFF) and user tries to lock the vehicle from outside by press

ing 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 pedal is pressed for more than 3 minutes, then release the clutch pedal & again press clutch pedal with start stop button to crank the engine.*

### 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.

#### ***i* 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. 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.

### Current Gear Indication

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



### Gear Recommendation

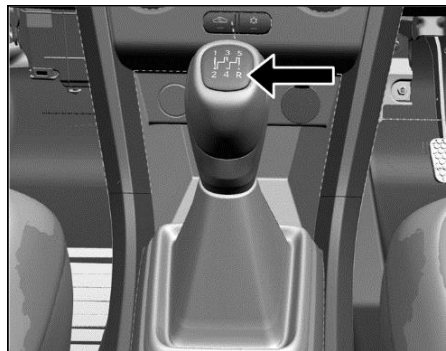


Up or down arrow will be displayed in DIS, recommending whenever gear should be shifted to up or down.

## STARTING AND DRIVING

### REVERSE GEAR

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



#### **i** NOTE

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

### DRIVING

#### **Climbing Sharp Gradients On Loose Surfaces (MT)**

Start off smoothly in a suitable gear. Accelerate smoothly so that there is no loss of traction by over-revving of the engine.

Choose a smooth slope and select the appropriate gear so that gear changing in the middle of the climb is not required.

Changing gears in the middle of the climb can cause loss of momentum and engine stalling. Shifting to lower gear has to be done cautiously to avoid loss of traction.

Under no conditions should the vehicle be moved diagonally across a hill. The danger is in loss of traction and sideways slippage, possibly resulting in toppling over. If unavoidable, choose a mild angle and keep the vehicle moving.

If the tyres start to slip within few feet at the end of the climb, keep the vehicle stable by steering left and right. It gives increased grip to the tyres.

If the vehicle stalls or losses headway while climbing a steep hill, make a quick

shift to reverse and allow the vehicle to move back with the help of engine braking.

#### **Descending Sharp Gradients (MT)**

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, do not turn the ignition key to the 'OFF' position. The braking assist and steering assist may malfunction and the emission control system may be damaged.

### STARTING THE ENGINE

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.

Press the clutch pedal fully and crank the engine. Do not press the accelerator pedal when starting the engine.

Release the key as soon as the engine starts. Repeat if engine does not start.

#### WARNING

The engine emits poisonous exhaust gases such as carbon monoxide. Inhaling these exhaust gases leads to poisoning. There is a risk of serious health problems. Therefore, never leave the engine running in enclosed spaces without sufficient ventilation.

#### NOTE

*After starting, run the engine in idle speed for at least 30 seconds. Do not press accelerator pedal while starting the engine to avoid damage to turbocharger.*

### 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 system 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.

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.

## STARTING AND DRIVING

Brake performance may become poor and unpredictable if brakes are wet.

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.

Check traffic conditions before doing the above activity.

### Braking On Downhill Gradients

When you drive on downhill slopes, reduce the load on the brakes by shifting to a lower gear. This is called as engine braking and aids to reduce overheating and wear of brakes.

#### WARNING

- Do not shift to lower gears on a slippery road surface to increase the engine's braking effect. By doing so, the tyres could lose their grip.
- There is an increased danger of skidding and accidents.

### AUTOMATED MANUAL TRANSMISSION (AMT) GEARBOX (if equipped)



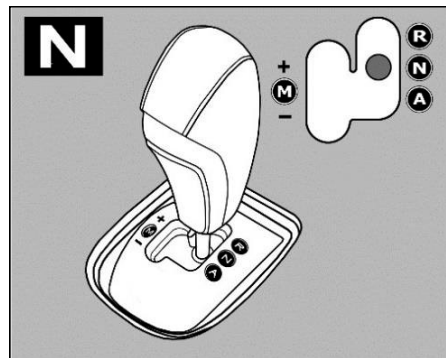
#### Gear Shift Lever (AMT)

The 5-speed Automated Manual Transmission (AMT) Gearbox offers a choice of two driving modes:

- Automated mode with the gear lever in position 'A'.
- Manual mode with the gear lever in position 'M'.

### STARTING

- Engage the parking brake firmly. Press Brake pedal.



- Put the ignition 'ON'
- While the brake pedal is pressed, bring the shifter lever to Neutral - 'N'. Check 'N' on instrument cluster.
- Crank to start the engine with the brake pedal still pressed.

#### ***i*** NOTE

*The engine can only be started when the gearshift lever is in "N" position with the brake pedal firmly pressed.*

### DRIVING

- With the engine running and brake pedal pressed, depending on your requirement shift the lever on R, A or M. Check the position engaged on the Instrument Cluster display.
- Release the parking brake.
- Release the brake pedal then because of creep feature, vehicle will move and if required press accelerator pedal.


#### ***i*** NOTE

- Use right foot only to operate brake or accelerator pedal.*
- Do not operate accelerator and brake pedal simultaneously.*
- Do not use your left leg to operate the pedals while driving AMT vehicle.*



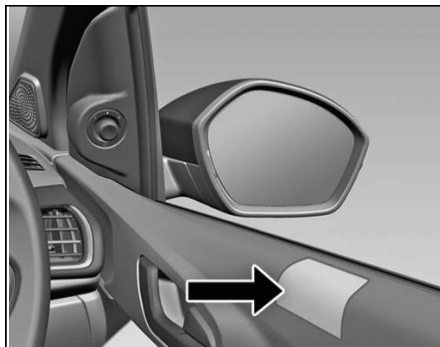
## STARTING AND DRIVING

### NOTE

If  displayed on the Instrument Cluster display, it means 'Fault condition. Contact a TATA MOTORS Authorized Service Centre immediately.

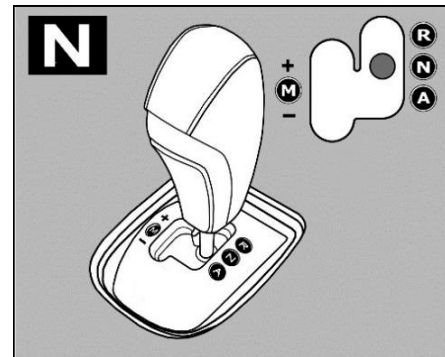
### AMT INSTRUCTION STICKER


Follow the instructions provided on the sticker before driving the vehicle.



### DRIVING MODES

#### Neutral



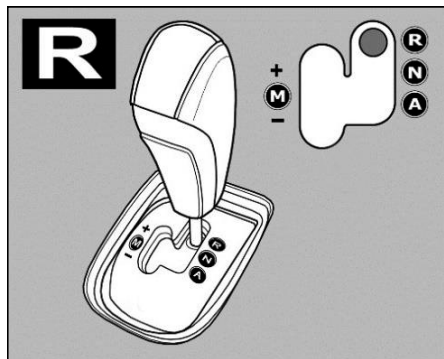
Vehicle is in neutral gear position. This will be indicated  on instrument cluster.

### 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

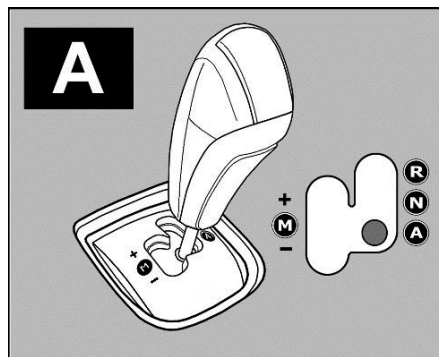
in motion.

## Reverse



Reverse gear will be engaged only when vehicle is stationary and brake pedal pressed. An audio signal indicates when reverse gear is engaged. **R** will be indicated on instrument cluster.

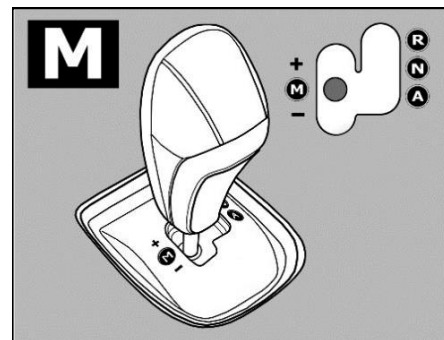
## Automatic Mode



Automatic mode will be engaged only when vehicle is stationary and brake pedal pressed. An audio signal indicates when Automatic gear is engaged. **Auto** will be indicated in instrument cluster.

Gear Upshift and Downshift will be done automatically while driving.

## Manual Mode



Shift gear lever to left for engaging manual mode. An audio signal indicates when manual mode is engaged. **M** will be indicated in instrument cluster.

In manual mode, driver should select the desired gear by shifting lever to,

+ Upshift the gears.

- Downshift the gears.

Push the gearshift lever to the '+' direction and release it. Every time the lever is operated, upshifting takes place 1 step in the order of 1<sup>st</sup> > 2<sup>nd</sup> > 3<sup>rd</sup> > 4<sup>th</sup> > 5<sup>th</sup> gear.

## STARTING AND DRIVING

Pull the gearshift lever to the '←' direction and release it. Every time the lever is operated, downshifting takes place in the order 5<sup>th</sup> > 4<sup>th</sup> > 3<sup>rd</sup> > 2<sup>nd</sup> > 1<sup>st</sup> gear.

### NOTE

*Down shifting of gear occurs automatically while braking/engine rpm reduction.*

In manual mode, gears are not shifted automatically unless the engine RPM threshold is reached.

## STOPPING

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

If the gearshift lever is in the 'A' position, the gear will be down shifted to '1st' when the vehicle stops. Also, if the gearshift lever is in the 'M' position, the gear will be down shifted to '1st' when the vehicle stops.

### NOTE

*Exhaust fan in the engine compartment will remain 'ON' for a short while after IGN is switched 'OFF'.*

## PARKING

AMT does not have a parking position. The vehicle can be parked with the gearshift lever in any position.

- Apply the parking brake firmly.
- Depress the brake pedal and shift the gearshift lever to the 'R' position on a downhill slope, or to the drive 'A' mode or the 'M' position in the manual 'M' mode on an uphill slope or flat road and confirm the gear position by checking the gear position indicator on instrument cluster. Gear engagement (R or A) can be done with ignition ON/engine running condition only.
- Turn the key to 'ACC' position to switch off the engine. Before switching off the engine, run the engine in idle condition for at least 30 seconds and then switch off.

### WARNING

Do not switch the engine off when it is running at high speed.

### **CREEPING FEATURE**

Creeping function allows the car movement without accelerator Pedal pressed when the brake pedal is released.

This functionality is generally used in parking maneuvers, with 1st or 'R' gear engaged, in this situations the driver enters and exits from creeping just by pressing the Acc. pedal.

- Creep feature is enabled for Manual as well as Auto Mode for first and reverse gear.
- After vehicle cranking and brake pedal released vehicle starts moving without pressing accelerator Pedal.
- Whenever accelerator pedal is pressed creep function will be disabled.
- Whenever driver door is opened and / or parking brake is engaged, creep function will be disabled.

### **Kick Down Feature**

In Automatic mode, while driving at a constant speed if the accelerator pedal is quickly pressed the AMT downshifts the gear (if required). It ensures optimum acceleration to complete overtaking in minimal time.

### **CLIMBING SHARP GRADIENTS USING AMT**

Apply the parking brake firmly so that the vehicle does not roll backwards.

Shift the gearshift lever to the "A" position while depressing the brake pedal. Make sure that the gear position indicator in the instrument cluster displays '1st' gear.

Release the brake pedal and depress the accelerator pedal gradually, and when the vehicle starts to move, release the parking brake and depress the accelerator pedal to start off.

## STARTING AND DRIVING

### DESCENDING SHARP GRADIENTS USING AMT

Depress the brake pedal and shift the gear shift lever to the 'A' position. Make sure that the gear position indicator in the instrumental cluster displays '1st' gear.

Release the brake pedal and depress the accelerator pedal slowly. Even if the accelerator pedal is not depressed, the clutch will be engaged when the vehicle speed increases.

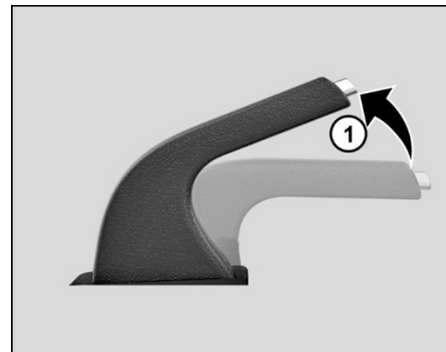
### USING ENGINE BRAKING

When driving on the downhill slope, down shifting is recommended. So you can use engine braking.

By placing the gearshift lever in "M" position, the manual (M) mode is selected, and you can shift to a lower gear manually.

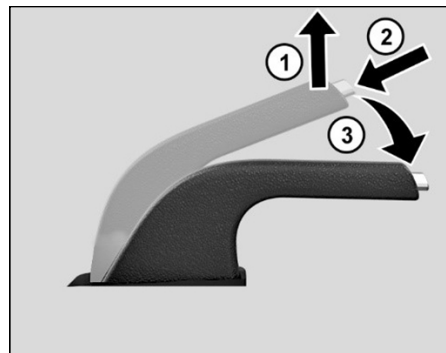
### PARKING BRAKE

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



Parking brake applied

To apply the parking brake, pull the lever up fully (1). The parking brakes tell-tale light comes on in the instrument cluster.



### Parking brake released

To release it, pull the lever up slightly (1), press the release button (2) and push the lever down (3). The parking brakes' telltale 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.*

## VEHICLE PARKING

- 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.*

#### **⚠ WARNING**

Never leave children unsupervised in the parked vehicle. They could also operate the vehicle's equipment. There is

a risk of an accident and injury.

#### **i NOTE**

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



*Right Side Camera*



*Rear Camera*

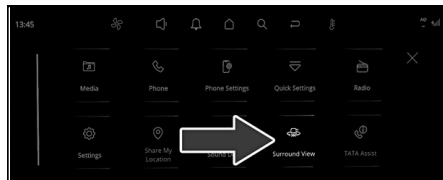


*Left Side Camera*

### Activation Of SVS

The function is activated when:

1. Surround View soft switch is pressed or



2. Vehicle is in forward motion, N (Neutral) or reverse motion and vehicle speed is under 17 kmph and surround view soft switch is pressed.
3. Engage the reverse gear and vehicle speed is below 17 kmph.

### Deactivation Of SVS

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

1. Surround view soft switch is pressed again or
2. Vehicle speed is more than 17 kmph
3. Disengage the reverse gear

### NOTE

- *When vehicle speed is more than 17 kmph, the SVS function will turn off. The function will not automatically turn on again, even though vehicle speed gets below 17 kmph. Press the switch again, to turn on the function.*
- *When vehicle speed is more than 17 Kmph SVS screen will be switch to only rear view during reverse gear.*
- *During vehicle speed is more than 17 Kmph and driver activate through soft switch, rear view shall display to user.*

### 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

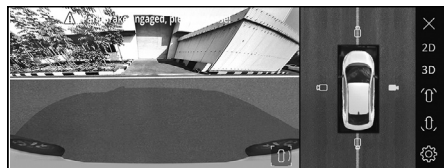


## STARTING AND DRIVING

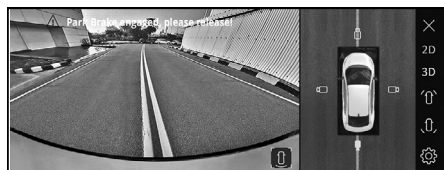
### 2D Top + Front view



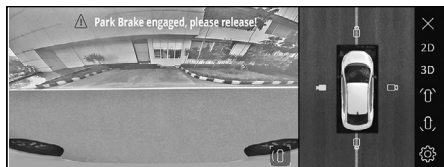
### 2D Top + Right view



### 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

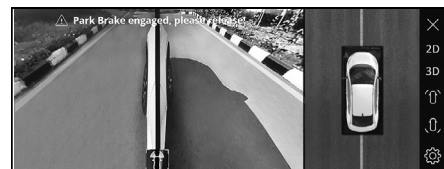


### 3. Front Corner View

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

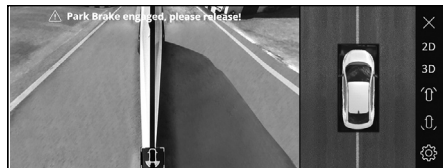


### 4. Rear Corner View

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, cameras 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, cameras 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.



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.

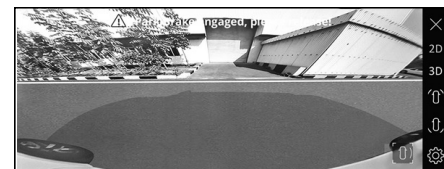


2D Full left view

#### 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

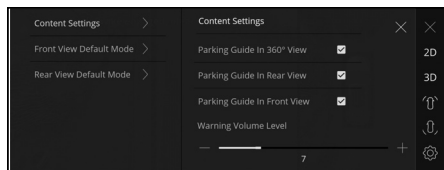
#### 6. Settings

- By selecting the settings icon available

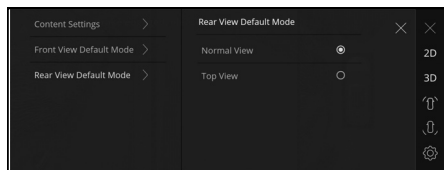
## STARTING AND DRIVING

on the infotainment screen, driver can change the settings as required.

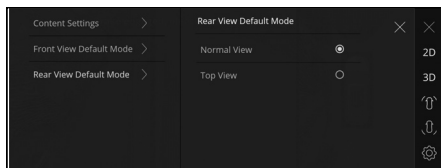
- User can change the content settings based on the user choice.
- User can change the front and rear default view to any of the view i.e., either normal view or top view



*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.



### Yellow Line

## STARTING AND DRIVING

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.



### Green Line

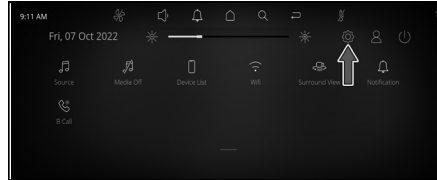
Indicates, if rear object is in this colored zone, you have to be cautious. Still you can go backward safely.



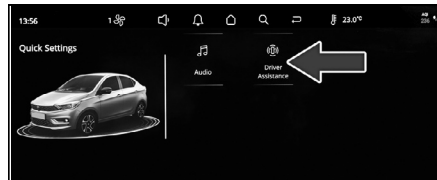
### PDC Guidelines Settings

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.



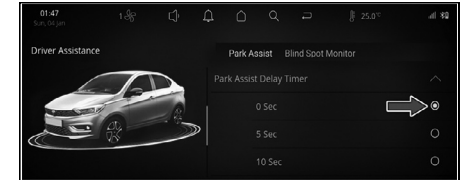
The system will display the below screen when user select the settings icon. Select the driver assistance icon which is available on the screen.



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.



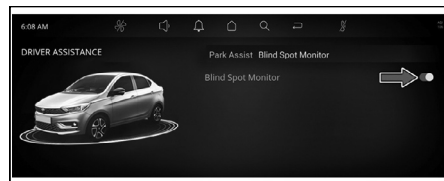
### Blind View Monitor

Blind view monitor will help to reduce the crashes that happen 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.

## STARTING AND DRIVING



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

### 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'.
- 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

## STARTING AND DRIVING

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 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 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.

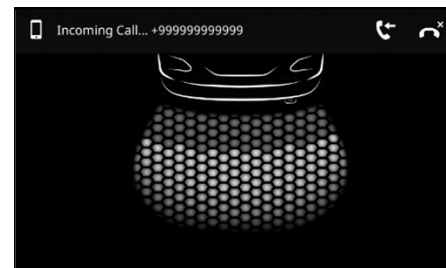
### WARNING

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

## 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 vehicles 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 would be displayed on the vehicle's infotainment system. In base variants, only audio warning shall be given through a buzzer.

### **WARNING**

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

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, fault 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



## STARTING AND DRIVING

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/camera\* (\*if available) 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

### General Warning

- 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.
- 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 intended location.

- In case of uneven road conditions or up-hill or downhill conditions, do not depend on Reverse Park Assist aid.
- Do not apply any kind of force on the reverse park assist sensors.
- Always use rear view mirrors along with Reverse Park Assist for confirming the safety of the rear and the surrounding conditions.

### 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 the Infotainment Screen.

#### Activation

##### Reverse gear

This system will start, if reverse gear is engaged, or park assist button (if equipped) is pressed.

#### Deactivation

System will stop, if reverse gear is disengaged, or park assist button (if equipped) is pressed.

If started through infotainment, the system can be stopped using a cross button on 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 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'ts

- 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.

## STARTING AND DRIVING

### Cleaning Camera

- Due to environmental reasons, dust, mud or fog may accumulate on the camera lens. So regularly clean the camera lens.
- 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.
- Wipe the camera lens with soft cloth.
- 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.
- 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.
- Do not apply heavy force on lens, while cleaning.
- 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.

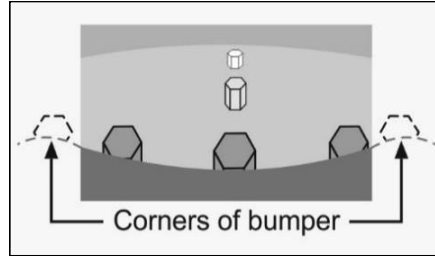
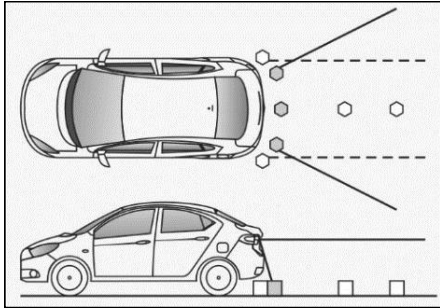
- Do not apply any kind of force on the camera.
- Always use rear View mirrors along with Rear View Camera for confirming the safety of the rear and the surrounding conditions.
- High humidity and variation in ambient temperature may result into condensation inside the camera lens, which may further 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.

### Rear View Camera System Precautions

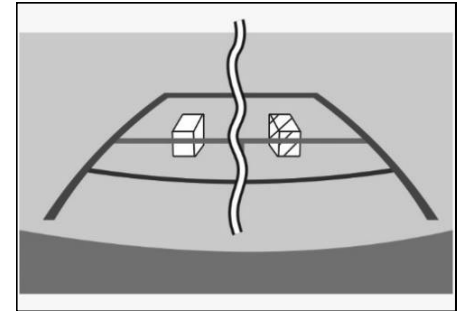
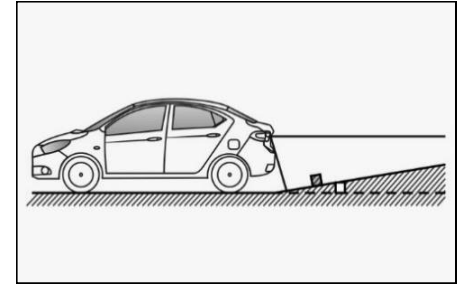
#### Area Displayed On Screen

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



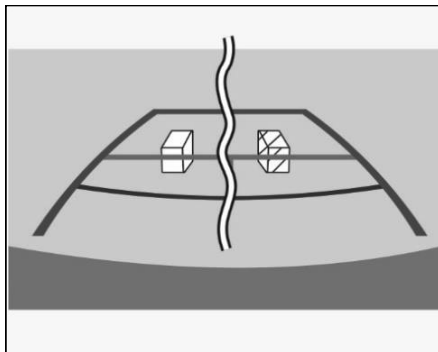
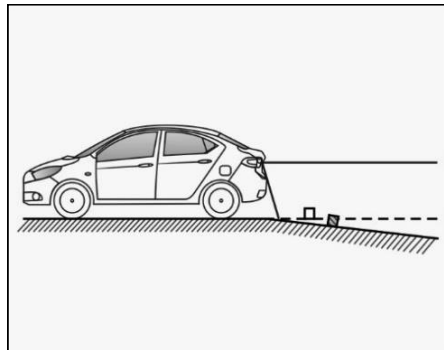
- The area displayed on the screen may vary according to vehicle orientation conditions.
- Objects, which are close to either corner of the bumper or under the bumper, cannot be seen on the screen.
- The camera uses a special lens. The distance of the image that appears on the screen differs from the 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



## STARTING AND DRIVING

### When Sharp Down Gradient Behind The Vehicle

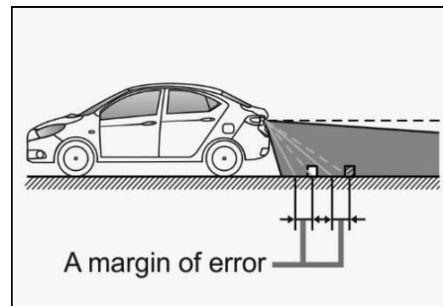


#### **i** NOTE

*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



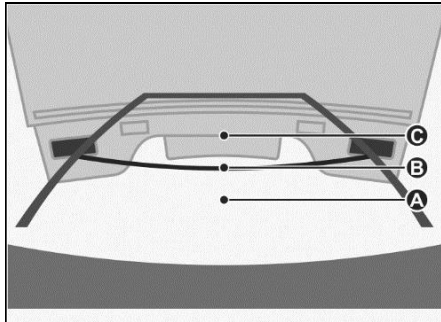
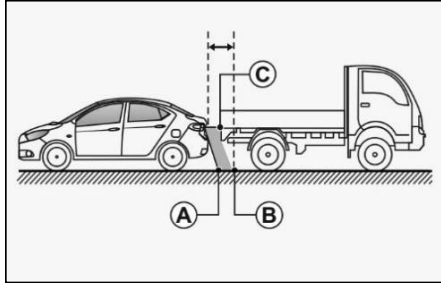
When any part of the vehicle sags due to the number of passengers or the distribution of the load, there is a margin of error between the fixed guide lines on the screen and the actual distance/course on the road.

### 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 guidelines. When approaching a three-di-

mensional object.

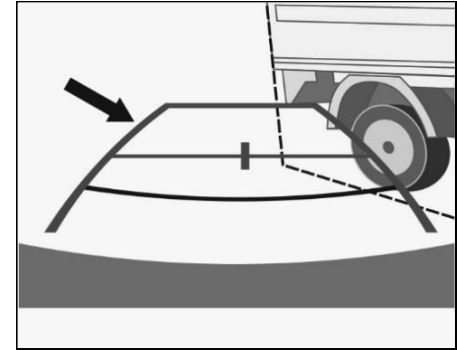
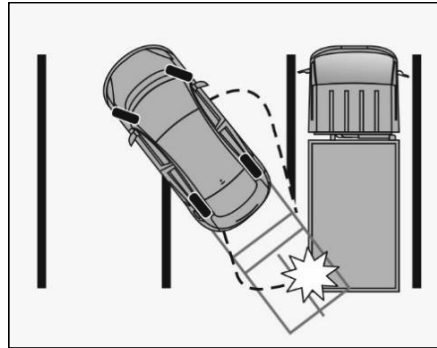
### Distance Guidelines



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.

### 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.



### 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

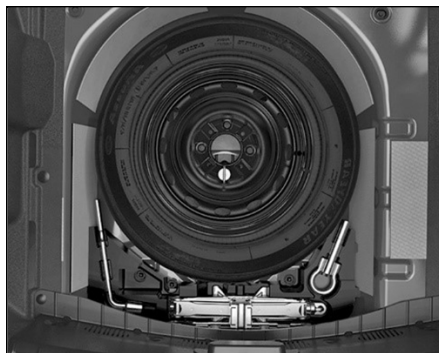
The first aid kit is kept inside the glove box compartment.

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.*

### Tool Kit, Tow Hook, Jack And Spare Wheel

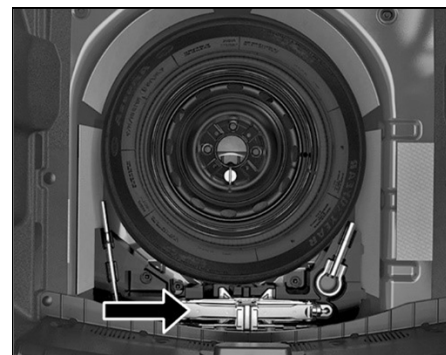


Tool kit & tow hook are kept inside luggage compartment near spare wheel.

#### **i** NOTE

*The tool kit should be properly stored when not in use.*

### Jack



#### **i** NOTE

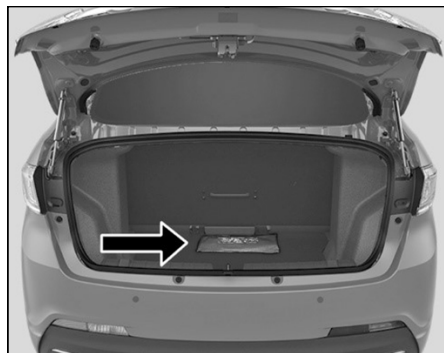
*The jack should be used only to change wheels. It is important to read the instructions in this section before attempting to use the jack.*



## EMERGENCY AND BREAKDOWN ASSISTANCE

### 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 break-down 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.*

### Hazard Warning Switch



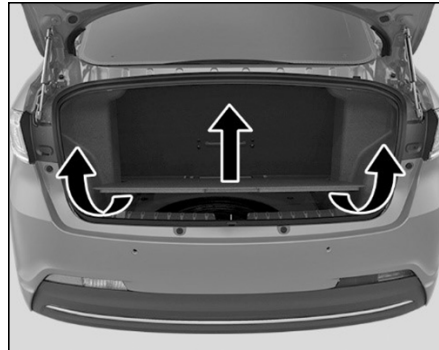
Press the hazard warning switch to activate the hazard warning. All the turn signal lamps will flash simultaneously. To turn OFF, press the switch again.

Use the hazard warning to warn the traffic during emergency parking or when your vehicle could otherwise become a traffic hazard.

The hazard warning lamps can operate even if the ignition is switched off.

### SPARE WHEEL REMOVAL PROCESS

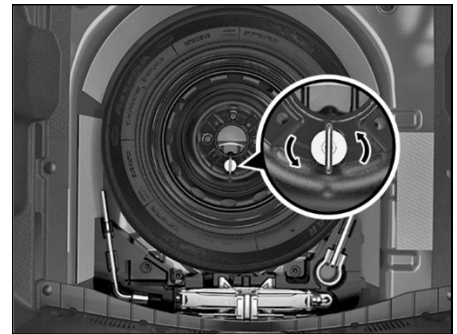
- To access the spare wheel, lift the carpet up.



- After lifting, hold the carpet to access the spare wheel.



- To remove the spare wheel, unscrew and remove the retaining bolt.



## EMERGENCY AND BREAKDOWN ASSISTANCE

Following precautions are to be taken when temporary spare wheel is fitted on the vehicle.

### WARNING

- Drive the shortest possible distances. The temporary spare wheel should be exchanged for a normal wheel as soon as possible. The temporary spare wheel is de-signed for a short period of use only.
- “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.
- After fitting the temporary spare wheel, the tyre pressure must be checked as soon as possible.
- Recommended tyre pressure is 36 psi (2.5 bar) for temporary spare wheel.
- 

- Snow chains cannot be used on the temporary spare wheel.
- Never use more than one temporary spare wheel.
- 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 ax-le if the vehicle must be driven in snow or on ice.
- Do not tow whilst the temporary spare wheel is installed.

### NOTE

*Your vehicle may exhibit some unusual driving characteristics when fit-ted with temporary spare wheel.*

## 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.
- If possible, bring the front wheels into the straight-ahead position.
- Secure the vehicle against rolling away.
- Set the parking brake firmly and shift into “R” (Reverse) gear.
- Switch off the engine.
- Keep advance warning triangle at a suitable distance behind the vehicle as an indication of breakdown.

- Close all the doors.

### **WARNING**

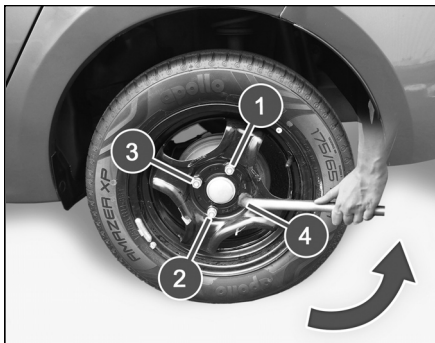
If you drive with a flat tyre, there is a risk of the following hazards:

- 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.

Wheel nut removal



### **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. Chock the wheels, if the deflated wheel needs to be changed on slope / ghat area.*
- *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 under-lay.*
- *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.*

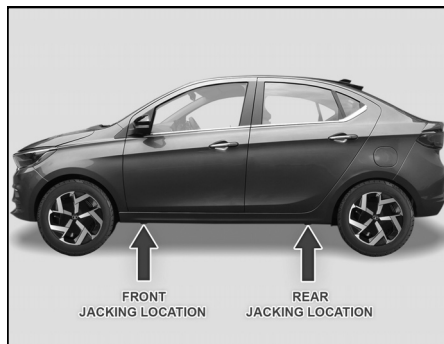
Assemble the Jack handle and wheel spanner (as shown in fig.).

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.

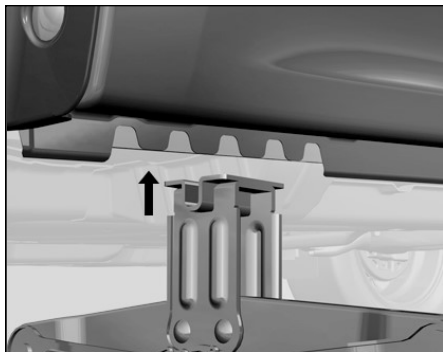
The jack up points are indicated by cutouts on the front and rear.

## EMERGENCY AND BREAKDOWN ASSISTANCE

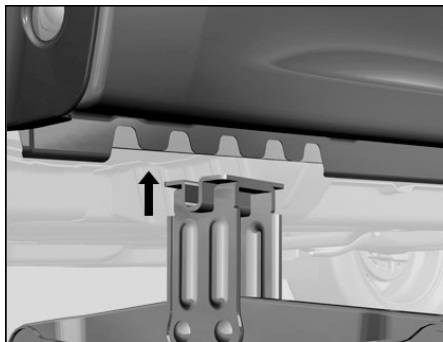
### Jack Up Point Location On Vehicle



Jack up point location



Front Jacking location

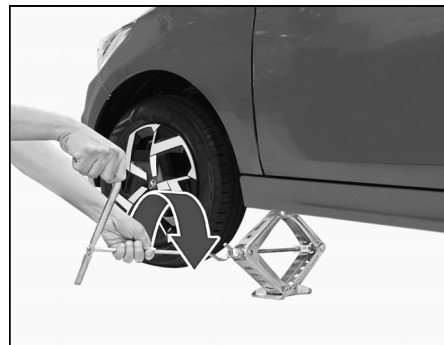


Rear jacking Location

### WARNING

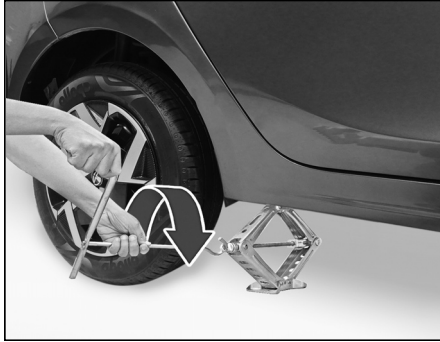
If you do not position the jack correctly at the appropriate jacking point of the vehicle, the jack could tip over with the vehicle raised. There is a risk of injury. Also jack can be damaged.

Continue to raise the jack slowly and smoothly until the tyre clears the ground. Do not raise the vehicle more than required.



Lifting the front wheel using jack

## EMERGENCY AND BREAKDOWN ASSISTANCE



Lifting the rear wheel using jack

Remove wheel nuts with the help of wheel spanner and take out flat tyre.

### **i NOTE**

*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.

### **i NOTE**

- *Do a check and correct the tyre pressure and wheel nuts tightness 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

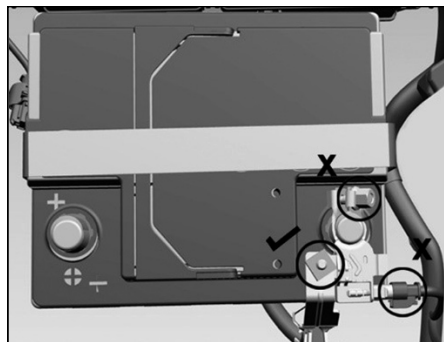
Use only a battery of same rating & capacity to jump start your vehicle. Position the booster battery close to your vehicle so that the jump leads will reach both batteries.

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.

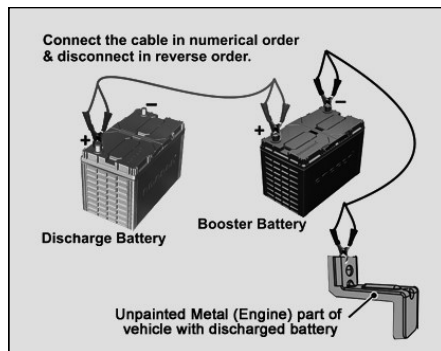
If your vehicle is equipped with Battery Sensor, then do not connect your jump start cable lead directly on the Sensor surface. Connect only on the negative cable surface as shown on the image. After jump start event, IAC function will be restored only when the Vehicle is parked in idle for 3-4 Hours.

## EMERGENCY AND BREAKDOWN ASSISTANCE



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 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.

### 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 explosion. 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.*

## 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 Authorised dealer or a commercial tow-truck service.



## EMERGENCY AND BREAKDOWN ASSISTANCE

### 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.
- After towing, remove the towing hook and press fit the cover properly.
- Place the towing hook in the vehicle tool kit.

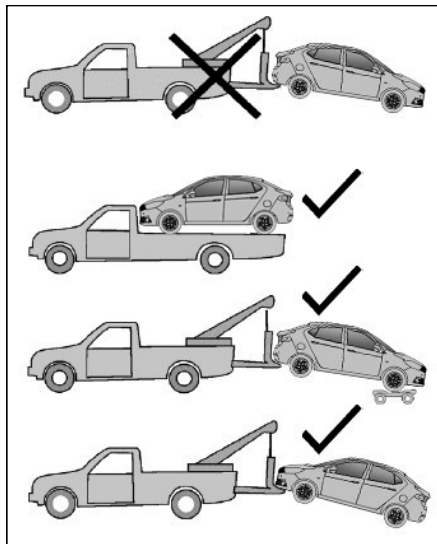
### Recommended Towing

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.

## EMERGENCY AND BREAKDOWN ASSISTANCE

### 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.



### Towing Instructions (AMT)

#### Where Vehicle Can Be Shifted In Neutral Condition

- Shift the gear lever into neutral.
- Turn the ignition key to the "ACC" position to unlock the steering wheel.

- Release the parking brake.

### NOTE

*After shifting the AMT gearshift lever to the "N" position, always check the gear position indicator in the instrument cluster shows the "N" position to make sure that the transaxle is disengaged.*

If the transaxle cannot be put in neutral, turn the key from the "OFF" to the "ON" position, and move the AMT gearshift lever from "N" to "A", "M" or "R", then back to "N" again. Then turn the key from the "ON" to the "OFF" position. These procedures may help to put the transaxle in neutral.

If the transaxle still cannot be put in neutral, you cannot tow the vehicle without lifting vehicle from rear side.

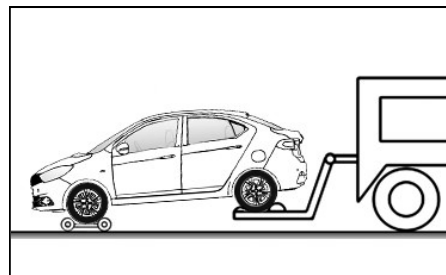
#### Where Vehicle Cannot Be Shifted In Neutral Condition

- Secure the rear wheels on a towing lift and the front wheels on the towing trolley.
- Apply the parking brake.

## EMERGENCY AND BREAKDOWN ASSISTANCE

### WARNING

A safety chain/belt for tightening the wheels with lift should always be used when you tow your vehicle.



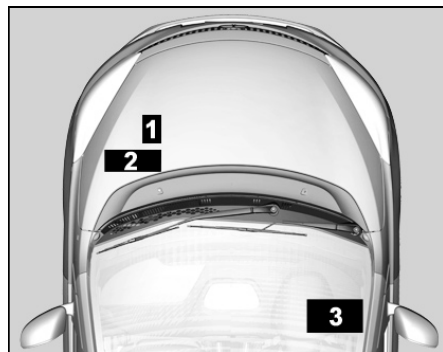
### NOTE

Always unlock the steering wheel before towing.

## FUSES

Your vehicle has fuse boxes at three locations.

The vehicle's electrical circuits has 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

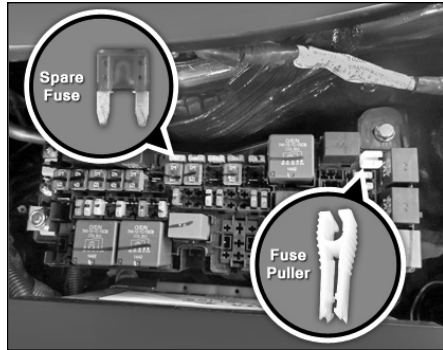
If any electrical unit in your vehicle is not functioning, check the fuses first.

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.

### **NOTE**

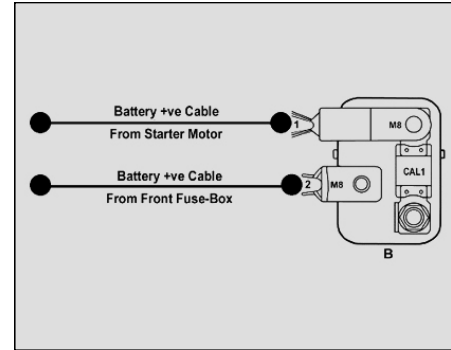
*Always make sure that the spare fuses are added.*

- 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.

### Battery Mounted Fuse Box



Fuse No	Function	Fuse Rating
PF1	Starter motor	CAL 1

### **WARNING**

If fuse box cover is removed for any reason, it should be refitted properly in its original position.

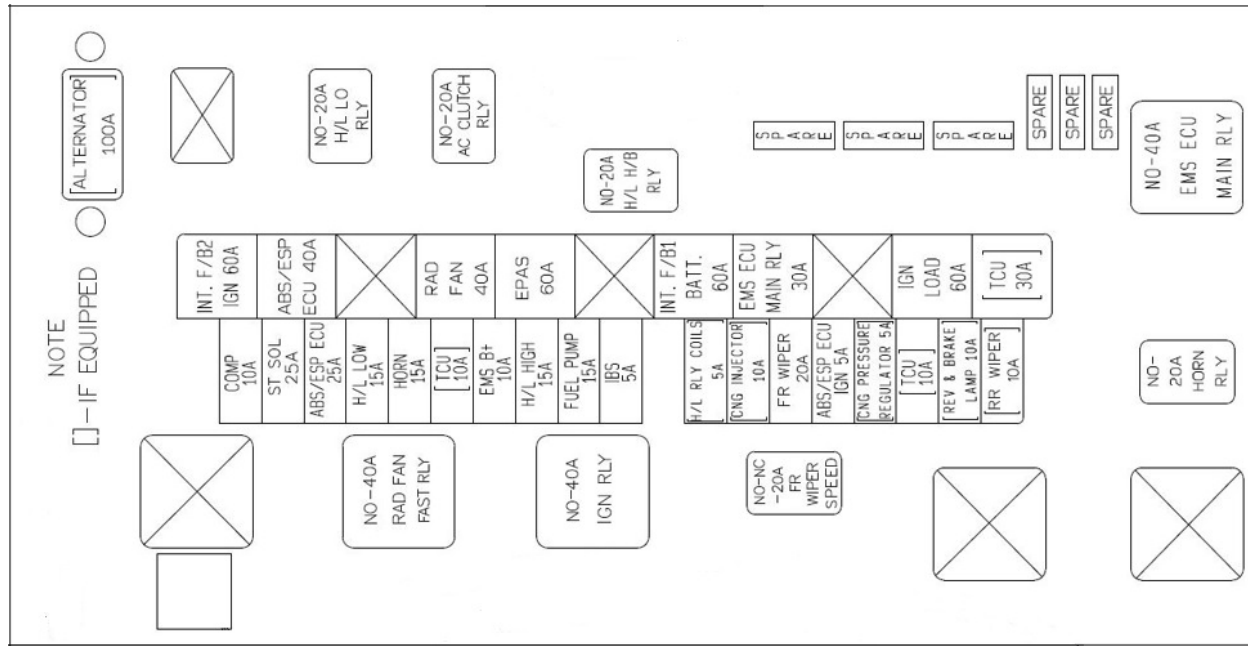
## EMERGENCY AND BREAKDOWN ASSISTANCE

### Engine Compartment Fuse Box

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	STARTER SOLOINOID	25A
F14	ABS/ESP ECU	25A
F-15	HEAD LAMP LOW	15A
F-15	HEAD LAMP (HIGH/LOW BEAM)	20A
F16		15A

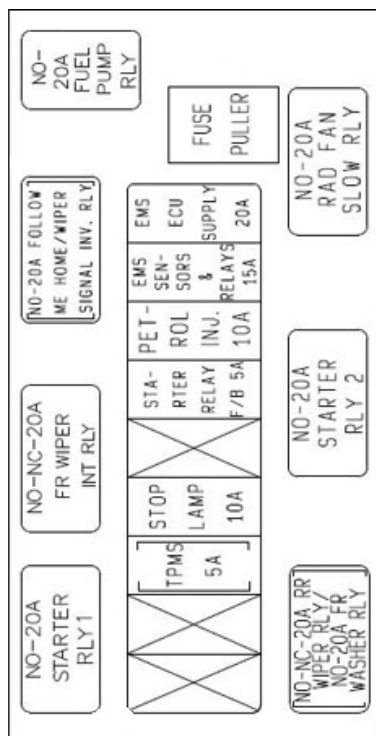
	HORN HIGH/LOW TONE	
F17	TRANSMISSION CONTROL UNIT	10A
F18	EMS BATTERY	10A
F19	HEAD LAMP HIGH	15A
F20	FUEL PUMP	15A
F21	IBS	5A
F22	H/L RLY COILS	5A
F23	CNG INJECTOR	10A
F24	FRONT WIPER MOTOR	20A
F25	ABS/ESP ECU IGN	5A
F26	CNG PRESSURE REGULATOR	5A
F27	TRANSMISSION CONTROL UNIT	10A
F28	REVERSE & BRAKE LAMP	10A
F29	REAR WIPER	10A
F38	EMS ECU SUPPLY	20A
F39	EMS SENSORS & RELAYS	15A
F40	PETROL INJECTORS	10A

F41	STARTER RELAY FEEDBACK	5A
F43	STOP LAMP	10A
F44	TPMS	5A
F45	RH HEAD LAMP & HL LEVELLING	10A
F46	LH HEAD LAMP & HL LEVELLING	10A



## EMERGENCY AND BREAKDOWN ASSISTANCE

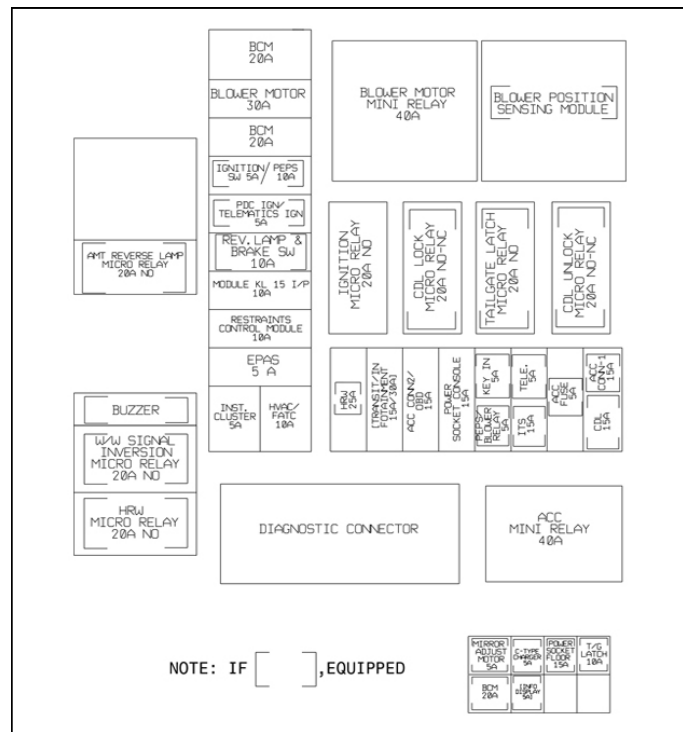
### Relays:



Relay No	Function	Rating
R1	--	--
R2	--	--
R3	STARTER RELAY 2	20A
R4	EMS ECU-MAIN RELAY	40A
R5	COOLING FAN (SLOW)	20A
R6	COOLING FAN (FAST)	40A
R7	INT WIPER (ON)	20A
R8	AC CLUTCH RELAY	20A
R9	--	--
R10	--	--
R11	FUEL PUMP	20A
R12	--	--
R13	HEAD LAMP (LOW BEAM)	20A
R14	HEAD LAMP (HIGH BEAM)	20A
R15	REAR WIPER RLY	20A
R16	HORN RELAY	20A
R17	IGNITION RELAY	40A
R18	FRONT WIPER SPEED	20A
R19	STARTER RELAY 1	20A

## EMERGENCY AND BREAKDOWN ASSISTANCE

## Cabin Compartment Fuse Box



Relay No.	Function	Rating
R1	ACC RELAY	40A
R2	BLOWER RELAY	40A
R3	-	-
R4	BUZZER	
R5	AMT REVERSE LAMP	20A
R6	HRW RELAY	20A
R7	CDL LOCK RELAY	20A
R8	CDL UNLOCK RELAY	20A
R9	-	-
R10	IGNITION RELAY	20A
R11	TAILGATE HATCH	20A
R12	-	-
R13	WW LINVERSION RLY	20A



## EMERGENCY AND BREAKDOWN ASSISTANCE

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	PDC IGN /TELEMATICS IGN	5A
C115A F-5	REV LAMP & BRAKE SW	10A
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	ITS	15A
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/ 30A
C115B F-8	HEATED REAR SCREEN	25A
C115C F-1	BCM	20A

C115C F-2	CLUSTER	5A
C115C F-3	HVAC/FATC	10A
C115-D F-1	MIRROR ADJUST MOTOR	5A
C115-D F-2	C TYPE CHARGER	5A
C115-D F-3	POWER SOCKET FLOOR	15A
	FLOOR USB CHARGER	5A
C115-D F-4	TAILGATE LATCH	10A
C115-D F-5	BCM	20A
C115-D F-6	INFO DISPLAY	5A

## EMERGENCY AND BREAKDOWN ASSISTANCE

### BULB SPECIFICATION

Sn	Description	Rating	Type	Qty.
1	HIGH BEAM + LOW BEAM (option I)	12V, 55/60W	H19	2
2	HIGH BEAM (Option II)	12V, 55W	H7	2
	LOW BEAM (Option II)	12V,55W	H11	2
3	TURN SIGNAL FRONT	12V, 21W	PY21W	2
4	FOG LAMP FRONT	12V, 19W	H16	2
5	STOP + POSITION LAMP REAR	12V, 21/5W	P21/5W	2
6	POSITION LAMP FRONT	12V, 5W	W5W	2
7	TURN SIGNAL REAR	12V, 21W	PY21W	2
8	REVERSE LAMP	12V, 16W	W16W	2
9	REAR REGISTRATION PLATE LAMP	12V, 5W	W5W	2
10	SIDE REPEATER LAMP	12V, 5W	WY5W	2
11	ROOF LAMP	12V	LED	1
12	HIGH MOUNTED STOP LAMP	12V, 5W	W5W	5
13	POSITION LAMP REAR	12V,5W	W5W	2

## EMERGENCY AND BREAKDOWN ASSISTANCE

### 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

<b>Within City Limits</b>	<b>60 minutes</b>
<b>On State or National Highways</b>	<b>90 minutes</b>
<b>Ghat Roads and Hilly Terrain</b>	<b>120 minutes +/-</b>
<b>States of North-East, J&amp;K and Himachal</b>	<b>Same Day (Within 24 Hrs)</b>

\*\* (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

## EMERGENCY AND BREAKDOWN ASSISTANCE

<p>chargeable at actual cost).</p> <ul style="list-style-type: none"><li>• Re-opening the vehicle in cases of key lock out.</li><li>• Rectification of electrical problems related to battery, fuses etc.</li><li>• On spot repairs for complaints repairable at site. ^</li><li>• Vehicle to vehicle towing or winching &amp; 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).</li></ul> <p>For accident cases, towing charges to be borne by the customer.</p> <p>II. The <b>24x7 Roadside Assistance</b> Program coverage on availing the 24X7 policy, post warranty is upto 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.</p>	<p><b>Exclusions</b></p> <p><b>24 X 7 Roadside Assistance Program Does Not Apply To</b></p> <ul style="list-style-type: none"><li>• Cost of parts consumables and labor for such repairs not covered under warranty*. These charges are to be settled with ASP in online.</li><li>• Toll or ferry charges paid by ASP in reaching to the breakdown site to be settled with ASP in actuals.</li><li>• Cases involving accident, fire, theft, vandalism, riots, lightening, earthquake, windstorm, hail, tsunami, unusual weather conditions, other acts of God, flood, etc.</li><li>• Vehicles that are unattended, un-registered, impounded or abandoned.</li><li>• Breakdown/defects caused by misuse, abuse, negligence, alterations or modifications made to the vehicle.</li><li>• Lack of maintenance as per the maintenance schedule as detailed in the owner's manual.</li><li>• Cases involving racing, rallies, vehicle testing or practice for such events.</li></ul>	<p><b>Disclaimer</b></p> <ul style="list-style-type: none"><li>• The Service is not available in Lakshadweep.</li><li>• **The reach time is indicative &amp; the actual reach time will be conveyed by the call center at the time of breakdown call.</li><li>• The reach time can vary depending on the traffic density &amp; time of the day.</li><li>• The reach time indicated does not account for delays due to but not limited to acts of God, laws, rules &amp; 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 &amp; order conditions viz. fire, arson, riots, strikes, terrorist attacks, war etc.</li><li>• ^ On spot repairs at breakdown site shall depend on nature of complaints &amp; will be as per the discretion of the ASP.</li><li>• * The decision for free of charge repairs will be as per the warranty policy</li></ul>
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## EMERGENCY AND BREAKDOWN ASSISTANCE

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& 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 applicable if any.

- 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 acknowledgment 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 break-ages of parts/fitments 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.

## MAINTENANCE AND SERVICE

Periodic maintenance is essential for ensuring long trouble free performance.

Have your vehicle serviced regularly from TATA MOTORS Authorized Dealer/Service Center.

There is a large network of TATA MOTORS Authorized Service Centre to help you with their professional servicing expertise. Scheduled maintenance information is provided which makes tracking routine service easy.

The following checks can be carried out between the recommended scheduled maintenance services. Take help of our authorized service center for assistance.

- Engine oil level
- Engine coolant level
- Brake fluid level
- Washer fluid level checking & top-ping up
- Battery electrolyte level
- Tyre inflation pressure including spare wheel

### NOTE

*Refer "Opening and Closing" section for engine bonnet opening.*

### WARNING

- Be careful not to touch a hot engine, exhaust manifold and pipes, muffler, radiator and water hoses.
- Do not work on a vehicle with the engine running in an enclosed space, unless you are sure of enough ventilation.
- Keep all open flames and other burning material (such as cigarettes) away from the battery and all fuel related parts.

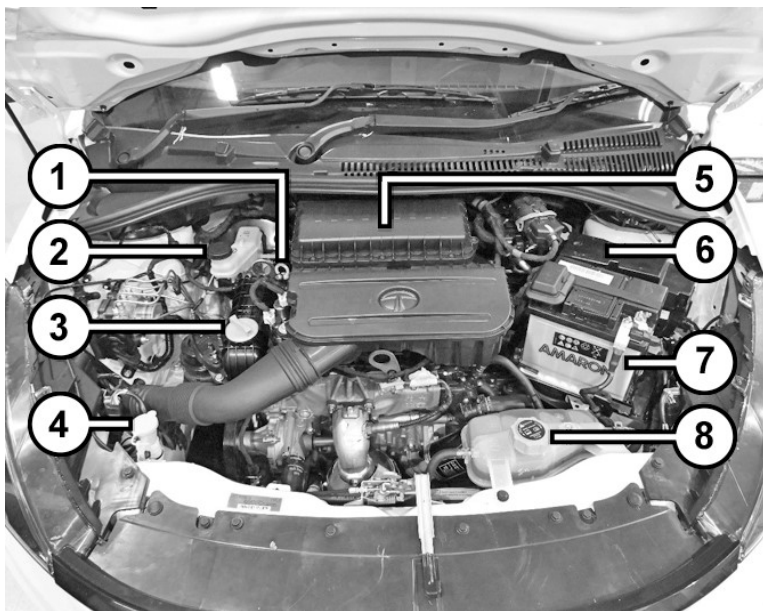
If you need to do any work inside the engine compartment,

- Switch off the ignition
- Never reach into the area where there is a risk of danger from moving components, such as the fan rotation area.
- Keep clothing away from moving parts.

## MAINTENANCE

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### ENGINE COMPARTMENT – PETROL (MT)

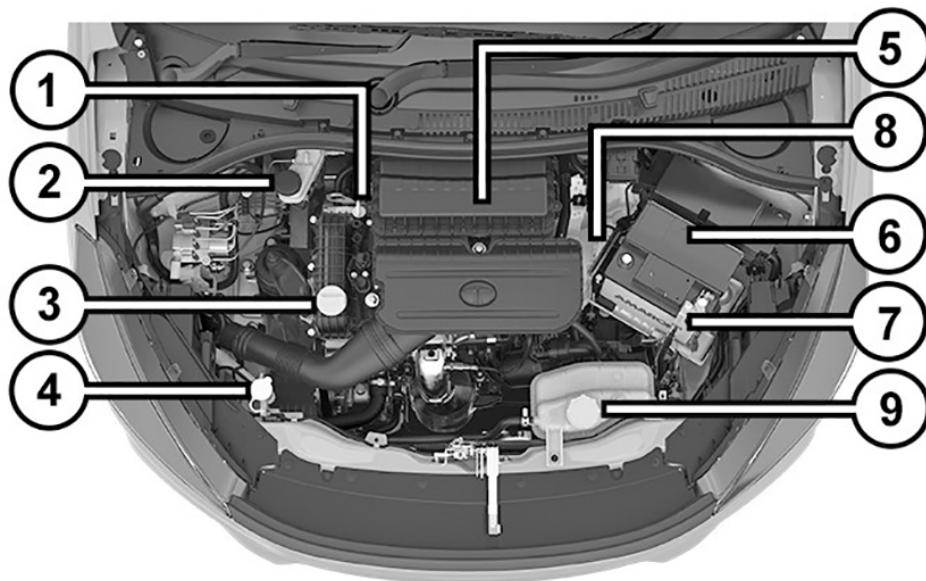


- 1. Dip Stick - Engine Oil
- 2. Brake fluid reservoir
- 3. Engine oil filling cap

- 4. Windshield washer container
- 5. Air Filter
- 6. Fuse & relay box

- 7. Battery
- 8. Auxiliary tank

ENGINE COMPARTMENT – PETROL (AMT)



- 1. Dip Stick - Engine Oil
- 2. Brake fluid reservoir
- 3. Engine oil filling cap

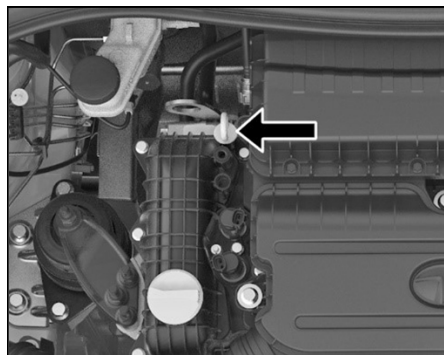
- 4. Windshield washer container
- 5. Air Filter
- 6. Fuse & relay box

- 7. Battery
- 8. AMT oil reservoir
- 9. Auxiliary tank



## MAINTENANCE

### ENGINE OIL LEVEL



Dipstick location Engine oil (Petrol)

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.

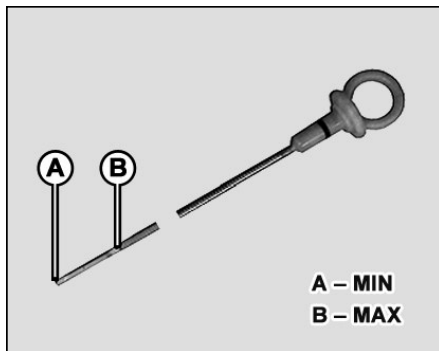
Take out the dipstick, wipe it clean, and reinsert it fully. Pull it out again and examine the oil level. It should be between 'MIN' and 'MAX' level. If not, top up with recommended engine oil.

#### **i** NOTE

*The oil consumption depends upon the driving style and the conditions under which the vehicle is used.*

*may cause engine damage.*

**For location of Engine oil filling cap and dip stick, please refer image of the respective Engine Compartment.**



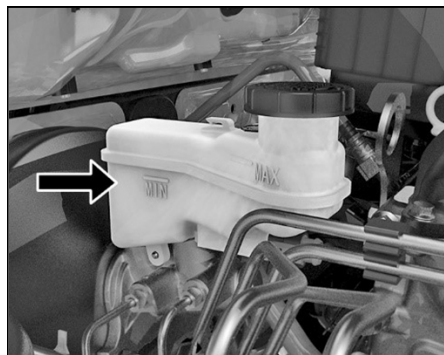
Dipstick (Petrol)

#### **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*

## BRAKE FLUID LEVEL



Brake fluid reservoir (Petrol)

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.

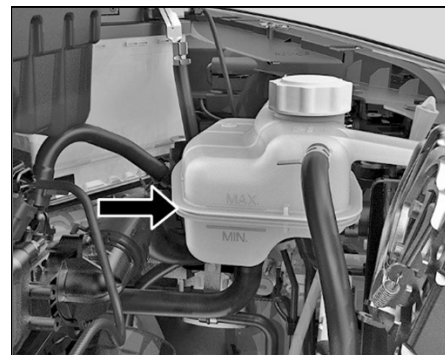
### ***i* NOTE**

*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.

### ***i* NOTE**

*In case of emergency, a large amount of water without engine coolant may be*

## MAINTENANCE

*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.***

### ***i* NOTE**

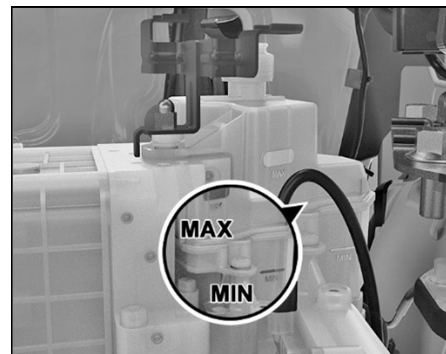
*Topping up of the coolant should be done in the auxiliary tank only.*

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.

### ***⚠* WARNING**

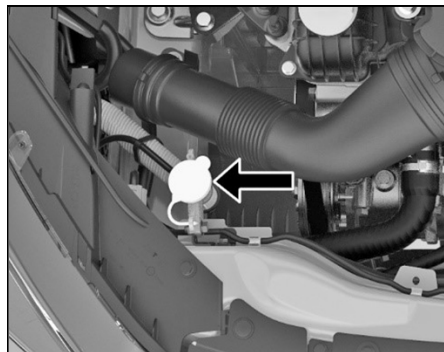
The engine cooling system is pressurized, particularly when the engine is warm. When opening the cap, you could be scalded by hot coolant spraying out. There is a risk of injury. Let the engine cool down before opening the cap. Wear eye and hand protection when opening the cap. Open the cap slowly half 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.

### ***i* 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

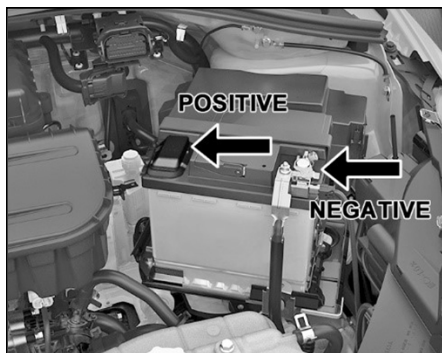
- Examine the battery for electrolyte level against the marking on the battery outer case.
- Examine the battery terminals for corrosion (a white or yellowish powder). To remove it, wash the terminals with a solution of baking soda. It will bubble up and turn brown.
- When this stops, wash it off with 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

## MAINTENANCE

is parked for 3 hours without any operation.

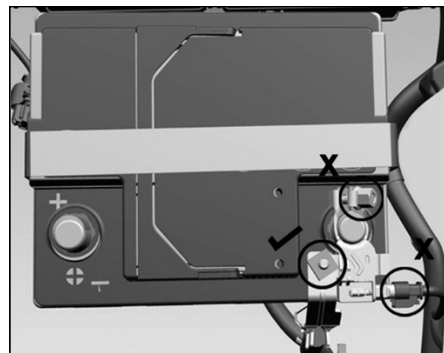
- Clean the battery terminals with a terminal cleaning tool or wire brush.
- Reconnect and tighten the cables, coat the terminals with petroleum jelly.
- Make sure that the battery is securely mounted.
- If you need to connect the battery to a charger, disconnect both cables to prevent damage to the 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.***



### ***i* NOTE**

*Use only authorized Battery recommended by TATA MOTORS. Use of any other unauthorized battery will result into intelligent alternator control (IAC) function deterioration.*



### ***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.*

## SPARK PLUG (PETROL)



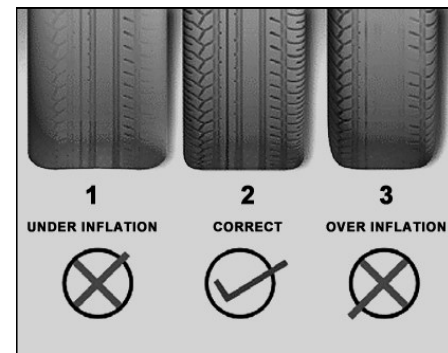
Spark Plug	Number	Gap
Federal Mogul (Champion)	RER8MC	0.8 to 0.9 mm

Tightening Torque - 25 Nm

### ***i* NOTE**

*Use spark plug of recommended make & type for replacement.*

## TYRES



1	Under inflation	Excessive side tread wear
2	Correct tyre pressure	Uniform wear
3	Over inflation	Excessive center tread wear

## MAINTENANCE

### 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.*

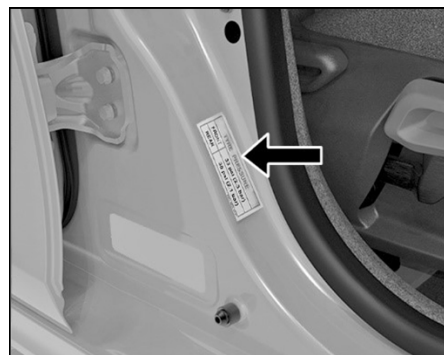
### Recommended Tyre Pressures

Tyre Size	Version	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		NA	NA	36 / 2.48

#### **i** NOTE

- *Maintain tyre inflation pressure as per the specific mentioned in tyre pressure sticker.*
- *Regular tyre and spare tyre to be checked for correct tyre inflation pressure at least once a month.*

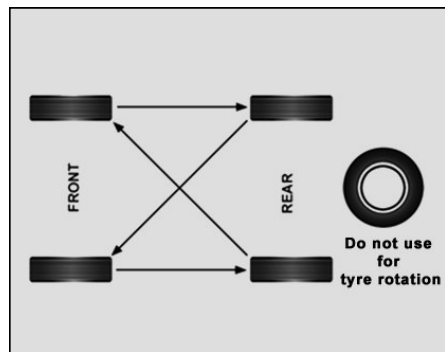
### Tyre Pressure Sticker Location



### 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 175/65 R14 and 175/60 R15 tyres with temporary spare wheel (if equipped)



## **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.

## 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.

## **i NOTE**

Do not use any sharp tools (such as screw driver etc.) to remove the wheel



## MAINTENANCE

cover.

### Special Care For Tubeless Tyres:

- When you remove the tyre and in-stall it back on the rim, take precautions 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 from rim.
- Keep the recommended inflation pres-

sure. Over-inflation, in particular, may cause puncture or bursting of tyre.

### **i** 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.*

## SMART KEY BATTERY REPLACEMENT

(For PEPS variant)

### 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 dis-posed battery can be harmful to the environment and human health. Dispose the battery ac-cording to your local law(s) and regulation.*

## **REMOTE KEY BATTERY REPLACEMENT**

Remote control key contains a battery which is housed under the cover.

If red LED remote flashes for 5 times after placing and releasing any button on remote. It is recommended to replace battery at a TATA MOTORS Authorised Service Centre.

You should, however, proceed as follows if you wish to replace the discharged battery yourself:

1. Open the key blade.
2. Press off the battery cover with your thumb or using a flat screw driver at the points of the arrows.
3. Remove the discharged battery from the key by pressing the battery downwards at the point of the arrow.



4. Insert the new battery.



## MAINTENANCE

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 dis-posed battery can be harmful to the environment and human health. Dispose the battery according to your local law(s) and regulation.

## ON BOARD DIAGNOSTIC (OBD II) 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.



Location of On board diagnostic (OBD II).

### SERVICE INSTRUCTIONS

The **TATA TIGOR** 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 7,000-8,000km. OR 6 months, whichever is earlier.

**3rd free service** - At 14,500-15,500km. OR 12 months, whichever 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).

## MAINTENANCE

### 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 7500 kms respectively

Periodic Maintenance Schedule			Free Service			Paid Service																	
Service Intervals In Km (kilometer) Or Months Whichever Comes Earlier		Km	1500	7500	15000	22500	30000	37500	45000	52500	60000	67500	75000	82500	90000	97500	105000	112500	120000	127500	135000	142500	150000
		Months	2	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
I: Inspect ( Check, Clean, Correct, Top Up, Adjust, Repair, Replace As Necessary) T: Tightening Torque R: Replace																							
S N	GENERAL																						
1	Wash the vehicle & clean condenser fins		To be done at every service																				
2	Check & top up fluids (If required): transaxle oil,coolant, brake fluid, battery electrolyte, wind screen washer fluid		To be done at every service																				
3	Check fuel lines for leakages		To be done at every service																				
4	Check and capture all DTC's		To be done at every service																				
5	Exhaust hanger					I				I				I				I					I

Periodic Maintenance Schedule		Free Service			Paid Service																		
Service Intervals In Km (kilometer) Or Months Whichever Comes Earlier		Km	1500	7500	15000	22500	30000	37500	45000	52500	60000	67500	75000	82500	90000	97500	105000	112500	120000	127500	135000	142500	150000
		Months	2	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
I: Inspect ( Check, Clean, Correct, Top Up, Adjust, Repair, Replace As Necessary) T: Tightening Torque R: Replace																							
6	All door latches & striker operations,apply grease if required.			I		I		I		I		I		I		I		I		I		I	
7	Check engine mount,rubber boots,rubber seat,dust cover & bushes for any damages	To be done at every service																					
8	Torqueing for all fasteners	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
S N	ENGINE (Petrol)																						
1	Air filter element			I		I		R		I		I		R		I		I		R		I	
2	Engine oil and oil filter			R		R		R		R		R		R		R		R		R		R	
3	Fuel Filter- (External Inline Filter)					R		R		R		R		R		R		R		R		R	
4	Fuel Filter-(Integrated in FDM)	Replace Every 75,000 km/ 72 Months whichever comes earlier																					
5	Spark plugs					R				R				R					R				R
6	Accessory belt condition			I		I		I		I		I		I		I		I		I		I	

## MAINTENANCE

Periodic Maintenance Schedule			Free Service			Paid Service																	
Service Intervals In Km (kilometer) Or Months Whichever Comes Earlier		Km	1500	7500	15000	22500	30000	37500	45000	52500	60000	67500	75000	82500	90000	97500	105000	112500	120000	127500	135000	142500	150000
		Months	2	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
I: Inspect ( Check, Clean, Correct, Top Up, Adjust, Repair, Replace As Necessary) T: Tightening Torque R: Replace																							
7	Engine coolant	Replace Every 60,000 km/ 36 Months whichever comes earlier																					
S N	TRANSAXLE (Petrol & Diesel)																						
1	Transaxle oil											R											R
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)																					
S N	BRAKES																						
1	Front brake pads,rear brake linings.disk/drum			I		I		I		I		I		I		I		I		I		I	
2	Brake/ clutch fluid	Replace Every 45,000 km/ 24 Months whichever comes earlier																					
3	Adjust handbrake setting			I		I		I		I		I		I		I		I		I		I	
S N	WHEELS & TYRES																						
1	Wheel alignment. Balancing			I		I		I		I		I		I		I		I		I		I	

## MAINTENANCE

Periodic Maintenance Schedule			Free Service			Paid Service																		
Service Intervals In Km (kilometer) Or Months Whichever Comes Earlier		Km	1500	7500	15000	22500	30000	37500	45000	52500	60000	67500	75000	82500	90000	97500	105000	112500	120000	127500	135000	142500	150000	
		Months	2	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	
I: Inspect ( Check, Clean, Correct, Top Up, Adjust, Repair, Replace As Necessary) T: Tightening Torque R: Replace																								
2	Check tyre pressure, condition & rotate.			Inspect Every 7500 km/ 6 Months whichever comes earlier																				
S N	ELECTRICAL																							
1	Specific gravity of battery electrolyte, battery SOC			To be done at every service																				
2	Headlamp focussing				I		I		I		I		I		I		I		I		I		I	
S N	A.C. SYSTEM																							
1	Inspect air-conditioning performance			To be done at every service																				



## MAINTENANCE

### 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 7500 Km	R	R	R	R	R	R
Check and adjust wheel alignment	Inspect every 7500 km	I	I	I	I	I	I
Sunroof- Guide rails and drain holes	Inspect every 7500 km	I	I	I	I	I	I
Air Filter	Inspect every 7500 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*

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**VEHICLE PARKING FOR LONG DURATION (NON - USE MAINTENANCE)**

If you want to park your vehicle at one place 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 can 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.



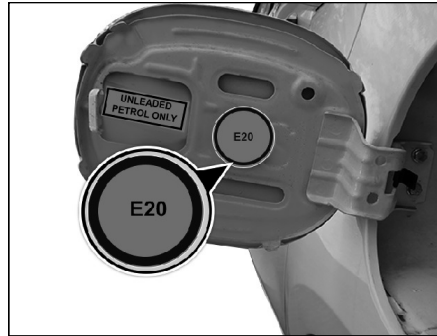
## FUEL SPECIFICATION

### 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 INFORMATION

### 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 BS VI SS6588	CASTROL	Magnatec Professional T 0W20	Petrol – 3.5 L
		EXXON MOBIL	Mobil super 3000 TMGO 0W20 Tata motors genuine oil	
		PETRONAS	TATA MOTORS GENUINE OIL – Engine Oil synth 0W20	
Coolant (Pre-mixed) (Antifreeze agent + Soft water 40 : 60 ratio)	Class II/JIS K2234 TATA SS7700S1	Sunstar CCI	Gloden Cruiser LLC2200NP	Petrol – 4 L
		CASTROL	Castrol Radicoolant SFO Premix	
Transaxle Oil	EP80W LL (Next Gen) TATA SS6582	PETRONAS	TATA MOTORS Genuine Oil – Gear Oil New Gen 80 EP LL	1.8 Liters
		IOCL	TATA MOTORS GENUINE GEAR OIL 80WLL	
		CASTROL	Transmax Manual T 80W	
Brake Fluid/Clutch fluid	DOT4 SAE J1703, 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-134a	-	-	600±20 gms
Compressor Oil	SP-10	Sandan Vikas	-	120±15 cc
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 INFORMATION

### TECHNICAL SPECIFICATIONS

Parameter	Petrol
<b>Engine</b>	
Model/type	REVOTRON, 1.2L
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* 5/3.64 (5 speed) with overdrive manual
Type	Synchromesh on all forward gears and sliding mesh on reverse gear
No. of gears	5-Forward, 1-Reverse
<b>Steering</b>	
Type	Electrical Power assist Steering
<b>Brakes</b>	
Brakes	Front (Disc); Rear (Drum)
Parking brake	Cable Operated Mechanical (Variable Lever Ratio)
<b>Suspension</b>	
Type	Independent, Lower wishbone, McPherson Strut with coil spring (front) Semi-independent; closed profile Twist beam with Dual path Strut (rear)

## TECHNICAL INFORMATION

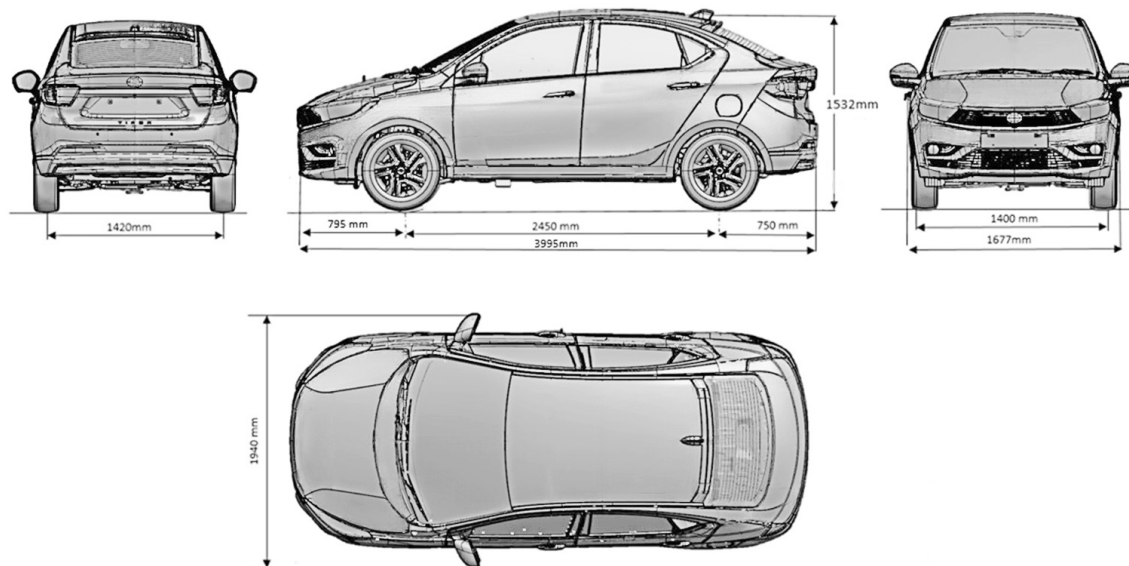
Parameter	Petrol
Shock absorber	Double acting telescopic type, Hydraulic, Gas filled
<b>Wheels &amp; tyre</b>	
Tyres	Option I:175/65 R14 82T (Radial tubeless tyre) Option II:175/60 R15 81H (Radial tubeless tyre)
Wheel rims	Opt. I :5J x 14" Opt. II : 5.5J x 14" Hyper style Wheel Rim Opt. III : 5.5J x 15"
<b>Fuel tank</b>	
Capacity	35 liters
<b>Cab / body</b>	
Type	Semi-mono volume, 4 doors sedan, steel monocoque body.
<b>Electrical system</b>	
System voltage	12 Volts (-ve earth)
Alternator capacity	110 Amp
Battery	12V, 52Ah
<b>Main chassis dimension (in mm)</b>	
Wheel base	2450
Track front	1400
Track rear	1420
Overall length	3995
Overall height	1532
Max. Width	1677



## TECHNICAL INFORMATION

Parameter	Petrol
Ground clearance	134 (laden)
<b>Performance</b>	
Max. Speed	160 Kmph
Max. Recommended gradability	14 deg
Minimum Turning Circle Dia.	10.1 m
Minimum Turning Clearance circle Dia.	11 m
<b>Weight (in kg)</b>	
Gross vehicle weight	1395-1433
Kerb weight (Unladen)	995-1033

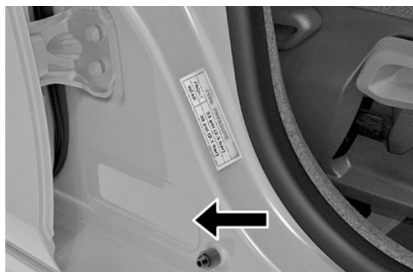
## VEHICLE DIMENSIONS



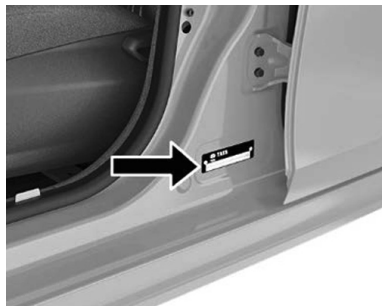
**NOTE:** Dimensions are in mm Laden/Unladen condition

## TECHNICAL INFORMATION

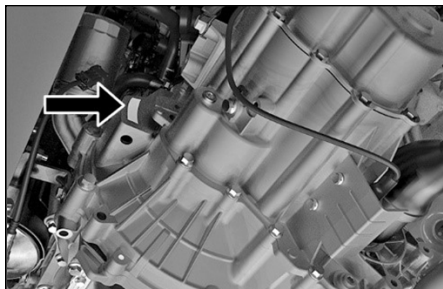
### AGGREGATE IDENTIFICATION NUMBERS



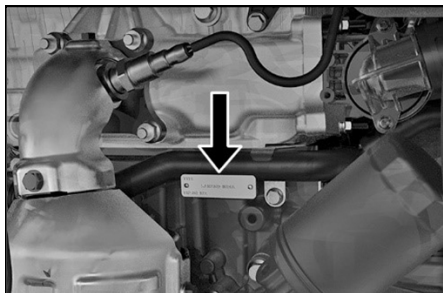
Chassis No. punching near driver seat



VIN plate location near front passenger seat



Transaxle No. Punching (TA 65\*)



Engine No. plate Petrol

### 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

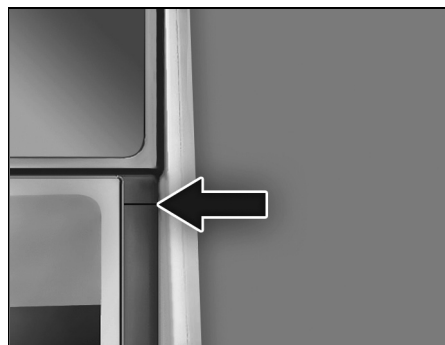
Following these tips while washing your vehicle.

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.

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

## CAR CARE AND VALUE ADDED SERVICES

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windshield areas, to avoid water stagnation.

- Always close the sunroof while washing the vehicle.

### 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.

#### 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 pollutants.

- 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.

### Proper Parking

Always park your vehicle in shade to protect it from harsh sunlight or in a well-ventilated garage so that there is no dampness on any part of the vehicle.

### 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

## CAR CARE AND VALUE ADDED SERVICES

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### 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, Value Care Silver as per the requirement & usage to ensure hassle free, reliable & economic maintenance of the vehicle.

Coverage – Schedule Service and Wear & Tear.

#### Advantages (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.

#### Available Offers (Types of AMC )

- Silver AMC
- Gold AMC

#### Silver AMC

Value Care Silver Plan covers the following:

- Scheduled maintenance services at periodic interval of Kms for Labor, Parts & Consumables.



1. Change of Oil Filter, Fuel Filter, Air Filter & Sedimenter.
2. Change of Engine Oil, Transmission Oil.
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 Kms 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 Lines, 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.*



## CAR CARE AND VALUE ADDED SERVICES

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- *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 Value care AMC policy.

**Customer's Signature**

**Dealer's Signature**

### EXTENDED WARRANTY

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

**Term**

36 + 12 months or 1,00,000 kms whichever occurs first.

OR

36 + 24 months or 1,00,000 kms whichever occurs first.

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 till 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 12 or 24 months extended warranty does not follow the Manufacturer's warranty.
- 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.



## CAR CARE AND VALUE ADDED SERVICES

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### 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 VEHICLES LIMITED.

### What is not Covered?

Please refer the Extended Warranty Booklet for details of the exclusion list. Soft copy of which will be provided by 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**

### 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



TATA MOTORS has tied up with **M/s Wurth, M/s Autokrom, M/s 3M India Lt d & M/s Bardahl** for these world class treatment at affordable prices. These treatments are available in all authorized workshops. The Dealer Service Marketing Executive will explain to

## **CAR CARE AND VALUE ADDED SERVICES**

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you the benefits and terms and conditions of this treatment.

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**

### 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.

TATA MOTORS has tied up with **M/s Autokrom**, **M/s 3M** & **M/s Wurth** for this world class treatment at affordable prices.

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.

## CAR CARE AND VALUE ADDED SERVICES

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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.

TATA MOTORS has tied up with **M/s Wurth and M/s Autokrom** for this world class treatment at affordable prices. 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**

### WARRANTY - TERMS AND CONDITIONS

We WARRANT each **TATA TIGOR** 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 **36 months 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 re-pairing 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, spark plugs, 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, 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 caused by en-



## WARRANTY - TERMS AND CONDITIONS

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vironmental 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.

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**ENVIRONMENT SAFETY**

TATA MOTORS PASSENGER VEHICLE LIMITED. is committed to produce vehicles using environmentally sustainable technology. A number of features have been incorporated in TATA MOTORS passenger vehicles which have been designed to ensure environmental compatibility throughout the life cycle of the vehicle. We would like to inform you that your vehicle meets emission norms and this is being regularly validated at the manufacturing stages.

As a user you too can protect the environment by operating your vehicle in a proactive manner. A lot depends on your driving style and the way you maintain your vehicle. We have given a few tips for your guidance.

**Driving**

- Avoid frequent and violent acceleration.
- Do not carry any unnecessary weight in the vehicle as it overloads the engine. Avoid using devices requiring high power consumption during slow

city traffic condition.

- Monitor the vehicle's fuel consumption regularly and if showing rising trend get the car immediately attended at the Company's Authorised Service Outlets.
- Switch off the engine during long stops at traffic jams or signals. If you need to keep the engine running, avoid unnecessary revving it or stopping and starting.
- It is not necessary to rev the engine before turning it off as it unnecessarily burns fuel.
- Shift to higher gears as soon as it is possible. Use each gear upto 2/3rd of its maximum engine speed.
- A chart indicating gear shifting speeds is given in this book.

**Maintenance**

- Ensure that recommended maintenance is carried out on the vehicle regularly at the Authorised Service Outlets.
- As soon as you see any leakages of oil

or fuel in the vehicle we recommend to get it attended immediately.

- Use only recommended grades and specified quantity of lubricants.
- Get your vehicle checked for emission periodically by an authorised dealer.
- Ensure that fuel filter, oil filter and breather are checked periodically and replaced, if required, as recommended by TATA MOTORS.
- Do not pour used oils or coolants into the sewage drains, garden soil or open streams. Dispose the used filters and batteries in compliance with the current legislation.
- Do not allow unauthorized person to tamper with engine settings or to carry modifications on the vehicle.
- Never allow the vehicle to run out of fuel.
- Parts like brake liners, clutch discs should be vacuum cleaned. Do not use compressed air for cleaning these parts which may spread dust in the atmosphere.

## ENVIRONMENT SAFETY

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**While carrying out servicing or repairs of your vehicle, you should pay keen attention to some of the important engine aggregates and wiring harnesses which greatly affect emission. These components are:**

1. Engine Management System (EMS)
  - ECU
  - EMS sensors & Corresponding wiring harness
  - Electrical connections to all sensors & actuators
2. Fuel Injection System
  - Fuel Pump
  - Fuel filter
  - Fuel Injectors
3. Air intake System
  - Air filter & connecting pipes
4. Exhaust after Treatment System
  - Catalytic Converter
5. Ignition System
  - Ignition coil
  - Spark plug

This Owner's manual contains further information on driving precautions and maintenance care leading to environment protection. Please familiarize yourself with these aspects before driving.

Customer's copy



**PDI Coupon**

**T I G O R**

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 G O R**

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.:

ODO Reading:

Date of Sale:

Date of Service:

Service Dealer code:

**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 Authorized Service Centers in India)





Customer's copy

**1<sup>st</sup> Free Service Coupon**

**T I G O R**

Valid for 1000 - 2000 kms. OR 2 months,  
Whichever is earlier

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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 G O R**

Valid for 1000 - 2000 kms. OR 2 months, whichever is earlier.

**AVAIL ALL SERVICES TO GET BENEFIT OF WARRANTY**

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**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 Authorized Service Centers in India)



Customer's copy



2<sup>nd</sup> Free Service Coupon

**T I G O R**

Valid for 7000 - 8000 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 G O R**

Valid for 7000 - 8000 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 Authorized Service Centers in India)





Customer's copy



3<sup>rd</sup> Free Service Coupon

**T I G O R**

Valid for 14,500 – 15,500 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 G O R**

Valid for 14,500 – 15,500 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.:

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 Authorized Service Centers in India)





## TATA MOTORS | SERVICE

RESPONSIVE • RELIABLE • BEST VALUE



