

owner's name: address: selling dealer code: date of delivery: : date of registration registration no.: chassis no.: engineno.: 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 following items are provided with your vehicle: 1. owner's manual 2. battery warranty card(if applicable)(pp) 3. first aid kit 4. advance warning triangle 5. jack 6. spare fuses (provided inspa e u fuse box)link <https://cars.tatamotors.com/service/owners/owners-manual> for compatible list of phones, refer: <https://cars.tatamotors.com/service/owners/phone-bluetooth-compatibility-with-carinfotainment-system> 9. service network bookrefer link <https://cars.tatamotors.com/service/service-network>".

bsvi owner's manual revision: rev 06/sept 2022

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. a separate dealer network address booklet is provided with the owner's manual. 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.

foreword 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 bombay house, 24, homi modi street, hutatma chowk, fort, mumbai - 400001

important information • before driving, read this owner's manual carefully and familiarize yourself with your vehicle. for your own safety and a longer vehicle life, follow the instructions, 'warnings' and 'notes' in this manual. ignoring them could result in damage to the or personal injury to you or others. • the owner's manual and other booklets are important documents and should always be kept in the vehicle. if you sell the vehicle, always pass on the documents to the new owner. • this owner's manual describes all variants of the model and all standard/optional equipment of your vehicle available at the time of printing. please note that your vehicle may not be equipped with all features described. • tata motors passenger vehicles limited reserves the right to introduce changes in the design, equipment and technical features without any obligation to install them on the vehicles previously sold. the equipment in your vehicle may therefore differ from that shown in the descriptions and illustrations. • do not carry out any modification including fitment of non-genuine accessories on your vehicle. safety, handling, performance and durability, may otherwise be adversely affected and may violate government regulations. tata motors passenger vehicles limited no liability for damage resulting from the modifications or use of non-genuine accessories. • all rights reserved. the information in this manual shall not be copied, translated or otherwise reproduced, in whole or in part without written permission from tata motors. copyright tata motors 2022

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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. **safe driving** 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. safe driving depends on: 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. **note** fatigue is a result of physical or mental exertion that impairs judgment. driver fatigue may be due to inadequate sleep, extended work hours, strenuous work or non-work activities or combination of other factors. take rest at regular intervals. **safety tips** always take into account the road conditions, weather conditions, vehicle speed in order to prevent accidents. 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 infotainment/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.

driving through water do not drive through flooded areas. judge the depth of water before driving through it. otherwise, water may enter the vehicle interior or the engine compartment. 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 a rainy day** check wiper blades, lights and brakes for proper functioning and condition. check the tyre treads depth, the condition of the tread and tyre. 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 • **driving on wet roads** 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 tires due to a water film forming between them. steering or braking the vehicle can be very difficult, and loss of control can occur. there is no hard and fast rule about aquaplaning. the best advice is to slow down when the road is wet. **note** if you have driven for a long time in heavy rain without braking, there may be a delayed reaction from the brakes when braking for the first time. you have to press the

brake pedal more firmly. maintain a greater distance from the vehicle in front at night. 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 in evitable. 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 driving on gradients 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. warning on long and steep gradients you must reduce the load on the brakes by shifting early to a lower gear. this allows you to take advantage of the engine braking effect and helps avoid overheating of service brakes resulting in reduced braking efficiency. driving on highway stopping distance progressively increases with vehicle speed. maintain a sufficient distance between your vehicle and the vehicle ahead. for long distance driving, perform safety checks before starting a trip and take rest at certain intervals to prevent fatigue. seat belts this section of user manual describes your vehicle's seat belt, airbag and child restraints system. please read and follow all these instructions carefully to minimise 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 to minimize the risk of injury. sit back and adjust (if equipped), the seat. make sure that your seat is adjusted to a good driving position and the back of the seat is upright. buckling the shoulder 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. 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. releasing the seat belt to release the seat belt, push the red button on the lock buckle. 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. note the above image is for reference purpose only. fixed rear centre lap seat belt when buckling, make sure you hear a click confirming that the tab is latched into the seat belt lock. to tighten it, pull the loose end through the buckle until the seat belt is comfortably adjusted around the pelvic bone

(hips).seat belt height adjustments (if applicable) if height adjustment is provided in the seat belt, occupant can adjust it to their comfort, as may be applicable.the above image is for reference purpose only.

warning each seating position and seat belt assembly must be used by one occupant. it is not recommended to put a seat belt around a child, being carried on an occupant's lap. each seating position and seat belt be careful not to damage or tamper the seat belt webbing or hardware. inspect the seat belt system periodically, checking for cuts, frays, or loose parts. a frayed or torn seat belt could rip apart in a collision and leave you with no protection. be careful not to damage or tamper if the seat belt webbing or hardware is damaged, get it replaced immediately at tata motors authorized service centre. if the seat belt webbing or hardware 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 insert any items such as do not wear seat belts over hard, sharp or fragile items in clothing, such as pens, keys, spectacles etc. do not wear seat belts over hard, 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. do not use any accessories on seat seat belts with pre-tensioner (if equipped) you can use 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 warning in a collision, the pre-tensioner seat belt assembly mechanisms becomes hot during activation. do not touch the pre-tensioner seat belt assemblies for several minutes after they have been activated. if the vehicle has been involved in a collision, get it inspected immediately at authorized tata motors service center. seat belt with load limiter (if equipped) you can use the load limiter seat belts in the same manner as ordinary seat belts. the seat belt load limiter system works in conjunction with the supplementary restraints system (srs-airbags). in the event of a collision, as may be necessary, load limiter reduces the load on the rib cage region of the occupant. if the vehicle has been involved in a collision, get it inspected immediately at authorized tata motors service center

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 must wear a correct pregnant woman should wear the lap part of the seat belt across the pelvic bone 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. pregnant woman

should wear the seat belt warning lamp the seat belt warning lamp reminds you to fasten the seat belt. if the driver does not fasten seat belt, seat belt reminder lamp will blink and a buzzer will sound for pre-defined duration until the driver's seat belt is buckled. if front passenger seat is occupied by adult and does not fasten seat belt, seat belt reminder lamp will blink and a buzzer will sound for pre-defined duration until the front passenger seat belt is buckled. if this system is also provided for other than front row seats, applicable above warnings will appear until seat belts are buckled. if front passenger seat is occupied by child, system may detect occupancy and warn with front passenger seat belt warning. it is not taken to mean child can occupy front passenger seat and use seat belt. please refer crs section for recommended seating position. note "using unauthorized after-market seat cover may affect function of occupant sensor. tata motors does not recommend any non-validated seat covers on seats."

child restraint system (crs) tata motors strongly recommends the use of child restraint systems (crs) for all children up to age of 12 years and to be placed at recommended positions only. children travelling without recommended crs and seated at other positions may face serious injuries in case of a collision. crs can be installed in the vehicle using seat belts and/or isofix only (if equipped) or isofix with top tether (if equipped). 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. all children below age of one year must always ride in a rear-facing infant crs. keep children above age of one year, in a forward-facing crs with a harness until they reach the size or weight limit allowed by your crs manufacturer. once your child outgrows the forward-facing crs, your child is ready for a booster seat. selection and installation of crs always select the crs that complies with latest safety standards (ais072 / ece r44). the crs are classified according to the child's size, height and weight. select the appropriate crs for your child. ensure that the crs is securely installed in the vehicle and subsequently child fits properly in it and wears harness of crs. for installation, please refer crs manufacturer's instruction manual. note the above images are for reference purpose only.

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 below as per the child group. x - seat position not suitable for children in this age group. u - suitable for "universal" category restraints approved for use in this age group. universal is a category in the ais072 / ece r44 norm. warning if a child is seated in the front seat it may cause serious injury or even death during any collision.

group, mass group, age group, fr, rear out board lh, rear out board rh, rear center

0, up to 10 kg, up to 9 months, x, u, u, x

0+, up to 13 kg, up to 24 months, x, u, u, x

i, 9 to 18 kg, 9 months to 48 months, x, u, u, x

ii, 15 to 25 kg, approx. 3 to 7 years, x, u, u, x

iii, 22 to 36 kg, approx. 6 to 12 years, x, u, u, x

warning if your vehicle is equipped with a front passenger airbag (pab) and does not have pab deactivation switch, do not install a rear-facing crs in the front passenger seat. if the pab inflates, a child in a rear facing crs could be seriously injured or killed. if you install a crs in the rear seat, slide the front seat far enough forward so that the child's feet do not touch the front seat back. this will help avoid injury to the child in the event of a collision. note children could be endangered in a collision if their 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 seatback, it will not provide adequate protection in a collision. after a collision, we recommend to get seat belts, seats, isofix and top-tether anchorages (as may be applicable) investigated at tata motors authorised service centre. note 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 leave unattended children in your vehicle. do not leave unattended children in do not modify crs in any way. note do not install a booster seat or a booster cushion with only the lap strap of the seat belt. do not install a booster seat or do not install a booster seat or a booster cushion with a seat belt that is slack or twisted. do not install a booster seat or do not put the safety seat belt under your child's arm or behind its back. do not put the safety seat belt under do not use pillows, books or towels to boost your child's height. do not use pillows, books or towels make sure that your children sit in an upright position. make sure that your children sit in 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 allow children to stand up or do not leave any toys or other objects loose in the crs or on the seat while the vehicle is in motion. do not leave any toys or other objects on each crs should be used for one child only. when pab deactivation switch (if provided) is turned 'off', make sure 'pab' operational status lamp illuminates with ignition 'on', indicating that the passenger airbag is not operational. 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 authorised service center. note the above image's are for reference purpose only.

supplementary restraint system (srs - airbags) (if equipped) the

airbag 'srs' system comprises of the following components depending upon the provided safety features in your vehicle. 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 • driver airbag • front passenger airbag • 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 so quickly that you may not even realize that it has activated. the airbag will neither hinder your view nor make it harder to exit the vehicle. airbag inflation is virtually instantaneous and occurs with considerable force, accompanied by loud noise and smoke, which is normal. the inflated airbag, together with seat belts, limit the movement of an occupant, thereby reducing the risk of injury. when an airbag inflates, you may see some smoke-like particles. the particles are a normal by-product of the process that generates the non-toxic gas used for airbag inflation. these airborne particles may irritate the skin, eyes, nose, or throat. if you have skin or eye irritation, rinse the area with water. for nose or throat irritation, move to fresh air. also sometimes the smoke can cause breathing problems, in such cases, it is recommended to get fresh air promptly. after inflation, airbag provides a gradual cushioning effect for the occupant there after deflates. 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. after inflation, airbag provides a gradual cushioning effect for the occupant thereafter deflates. it is not advisable to drive your vehicle after the airbags have been deployed. if you are involved in an other collision, the airbags will not be in place to protect you.

note the above image is for reference purpose only. 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. open your windows and doors as 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. do not touch the airbag container's always wash exposed skin areas thoroughly with lukewarm water and mild soap. always wash exposed skin area 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 vehicle fitted with the airbags have suitable indications on steering wheel and on dashboard. the word 'airbag' is embossed on the airbag covers. 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. even in vehicles with airbags, you 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.always use seat belts and crs –you and your passengers should never sit or lean unnecessarily close to the airbags.you and your passengers shouldmove your seat as far back as possible from front airbags, while still maintaining control of the vehicle.move your seat as far back as possibleall occupants should sit upright with the seatback in an upright position, centred on the seat cushion withall occupants should sit upright withtheir 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 dash board.do not allow the passenger to ride in the front seat when the front passenger airbag off indicator is illuminated.

not recommended seating position

note the above images are for reference purpose only.note never place your arm over the airbag as a deploying airbag can result in serious arm fractures or other injuries.never place your arm over the do not allow the passengers to lean their heads or bodies onto doors or place objects between the doors and passengers when they are seated on seats equipped with side and/or curtain airbags.do not allow the passengers to lean do not place or stick any item/s in the vehicle, except at designated locations (such as utility bins, cup/bottle holders, boot space etc). loose items may act as a projectile during a collision and cause severe to fatal injuries.do not place or stick any item/s in please be aware that any unsecured item in your vehicle, such as your pet, unsecured crs or a lap top, can become a potential hazard in the event of a collision or sudden stop, causing injuries to occupants in the vehicle.please be aware that any unsecured 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 authorized service center if the vehicle is damaged, even if airbag has not inflated.always contact your tata motors authorized service center if any part of an airbag module cover shows sign of cracking or damage.

warning if your srs malfunctions, the airbag may not inflate properly during a collision thereby increasing risk of serious injury or death. if any of the following conditions occur, your srs is malfunctioning: the srs warning lamp does not go '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 stays 'on'the srs warning lamp comes 'on'/stays 'on' while the vehicle is in motion.the srs warning lamp comes the srs warning lamp blinks when the engine is running.the srs warning lamp blinks when we recommend the customer to immediately visit tata

motors authorized service center 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. never make any modifications to 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. fitment of bull bars, seat covers only if you need to make any modifications to accommodate any disability you may have, please contact your authorized tata motors dealer for necessary guidance. if you need to make any modification do not tamper with srs in any way. this will lead to unexpected performance of system and may cause serious injury or death. do not tamper with srs in any way. airbag warning sticker on front passenger sun visor the airbag warning symbol on sun visor reminds extreme hazards associated with the use of rearward-facing child restraint on front passenger seat during airbag deployment. it is not taken to mean child can occupy front passenger seat and use seat belt. please refer crs section for recom

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 airbags in such situations will not benefit the occupants. side airbags and side curtain airbags (if equipped) are specifically designed to reduce the injuries that can occur in side collision. rear collision: during a rear collision, occupants tend to move (rearwards) away from frontal airbags. therefore, deploying frontal airbags in such situations will not protect the occupant. head restraints and seat belts provide occupant protection during a rear collision. rollover collision: during a rollover collision, unbelted occupants may float inside the passenger compartment. this will increase the risk of injuries and may prove to be fatal. wearing seat belts provide highly effective occupant protection during rollover collision. front airbags, are not designed to deploy in a rollover as frontal airbags cannot offer any protection in rollover collision. when front airbags/side airbags/side curtain airbags (if equipped) 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/side airbags/side curtain airbags (if equipped) may not deploy, even with exterior visible vehicle damage? the airbags are triggered only when there is a collision severe enough to trigger the airbags. the amount of visible vehicle damage is not always the correct indicator for airbag deployment. some collisions can result in visible damage but with no airbag deployment, because the airbags would not have been needed or would not have provided protection even if they had deployed. seat belts, if worn, offer adequate occupant protection in such cases. note if your car was flooded and has soaked carpeting or water on the flooring, you should not try to start the engine; we recommended that kindly contact tata motors authorized dealer.

child lock (if equipped) 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 closed by activating the child lock cannot be opened from inside, it can be opened only from the outside. note lift the lock lever upward to deactivate the childproof lock when not required. lift the lock lever upward to deactivate 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 running. child safety lever to be used for

anti-theft device immobilizer / peps 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. note use only flip 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 flip key, as without flip key vehicle cannot be started. use only flip 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

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, • problem with key (wrong key used to start vehicle) • problem with immobilizer system. contact a tata motors authorized service centre.

ignition on, blinking, unlocked, contact a tata motors authorized service centre immediately.

anti-lock braking system (abs) (if equipped)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 off after 2-3 seconds if system is healthy.warningif 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.if abs is faulty, the wheels could drive on carefully. have abs checked immediately at the tata motors authorized service centre as soon as possible.drive on carefully. have abs 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.warningabs may not shorten the distance in all situation.abs may not shorten the distanceabs 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.abs system will have the effect of 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 travelling on bad road, panic brake carefully in adverse weather and traffic conditions.always keep safe distance and adhere to speed limits.

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 increase at rear wheels.warningif ebd is malfunctioning, the rear wheels can lock, e.g. under full braking. this increases the risk of skidding and an accident.if ebd is malfunctioning, the rearyou should therefore adapt your driving style to the different handling characteristics. have the brake system checked immediately at a tata motors authorized service centre as soon as possible.you should therefore adapt yourelectronic stability program (esp) (if equipped)electronic stability proesp 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.additional safety features (as available) 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. off road abs based on wheel speed information off road abs helps to avoid wheel lock on uneven surfaces like loose gravel,

pot holes by reducing the stopping distance compared to standard abs. electronic traction control (etc) the electronic traction control system function (etc) is designed as a slip control system to prevent the driven wheels of a vehicle from excessive wheel slip. roll over mitigation (rom) the main feature of the roll over mitigation function is the detection of a rollover critical situation and to prevent the vehicle

rollover. this is done by active brake interventions on selected wheels, thereby reducing the forces that cause a roll-over situation. brake disc wiping (bdw) water on the brake disc leads to a delay in brake response time. the purpose of the function brake disc wiping is to remove moisture when driving in wet conditions automatically. to get quick response from brake and better deceleration. electronic brake pre-fill (ebp) the electronic brake prefill (ebp) function reduces the air gap of the brake pad and the brake disc. the function is triggered after a sudden release of the accelerator pedal due to an unexpected emergency brake situation. by actively pre-filling the brake-system the brake response time is reduced and results in a shorter stopping distance. hydraulic brake assist (hba) in a dangerous emergency situation, most drivers don't use the full available performance of the brake system, because they brake too soft. the hba function detects the critical situation and builds up additional brake pressure to reduce the braking distance. hydraulic fading compensation (hfc) brake too soft. the hba function detects the critical situation and builds up additional brake pressure to reduce the braking distance. hydraulic fading compensation in dangerous fading situations most drivers operate the brake pedal with a small or regular braking force and they never reach to the maximum possible vehicle deceleration. the hfc function improves the stopping distance by eliminating required pressure build-up lag by the driver. dynamic wheel torque by brake (dwt-b) the main goal of the function is to improve the agility of a vehicle and to enable a more direct steering. this is mainly achieved by braking interventions at the inner wheels during turning. dwt-b reduces understeer tendency of the car and a higher curve speed can be achieved. 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 understeerable. edtc controls such brake slip on the driven wheels by increasing the engine torque to make the vehicle stable and steerable. hill hold control (hhc) hill hold control is a comfort function. the main intent is to prevent the vehicle from rolling backwards while driving off up-hill on an inclined surface.

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 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 turn 'on' ignition switch by 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. do not try to start the vehicle when

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 following items are provided with your vehicle: 1. owner's manual 2. battery warranty card (if applicable) (pp) 3. first aid kit 4. advance warning triangle 5. jack 6. spare fuses (provided in spare fuse box) link <https://cars.tatamotors.com/service/owners/owners-manual> for compatible list of phones, refer: <https://cars.tatamotors.com/service/owners/phone-bluetooth-compatibility-with-carinfotainment-system> 9. service network book refer link <https://cars.tatamotors.com/service/service-network>".

bsvi owner's manual revision: rev 06/sept 2022

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. a separate dealer network address booklet is provided with the owner's manual. tata motors 24x7 roadside assistance program offers technical help in the event of a breakdown. call the toll-free roadside assistance. for additional information, refer to "24x7 roadside assistance" section in the owner's manual.

foreword 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 bombay house, 24, homi modi street, hutatma chowk, fort, mumbai - 400001

important information • before driving, read this owner's manual carefully and familiarize yourself with your vehicle. for your own safety and a longer vehicle life, follow the instructions, 'warnings' and 'notes' in this manual. ignoring them could result in damage to the or personal injury to you or others. • the owner's manual and other booklets are important documents and should always be kept in the vehicle. if you sell the vehicle, always pass on the documents to the new owner. • this owner's manual describes all variants of the model and all standard/optional equipment of your vehicle available at the time of printing. please note that your vehicle may not be equipped with all features described. • tata motors passenger vehicles limited reserves the right to introduce changes in the design, equipment and technical features without any obligation to install them on the vehicles previously sold. the equipment in your vehicle may therefore differ from that shown in the descriptions and illustrations. • do not carry out any modification including fitment of non-genuine accessories on your vehicle. safety, handling, performance and durability, may otherwise be adversely affected and may violate government regulations. tata motors passenger vehicles limited no liability for damage resulting from the modifications or use of non-genuine accessories. • all rights reserved. the information in this manual shall not be copied, translated or otherwise reproduced, in whole or in part without written permission from tata motors. copyright tata motors 2022

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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.safe driving 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. safe driving depends on: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.note fatigue is a result of physical or mental exertion that impairs judgment. driver fatigue may be due to inadequate sleep, extended work hours, strenuous work or non-work activities or combination of other factors. take rest at regular intervals.safety tips always take into account the road conditions, weather conditions, vehicle speed in order to prevent accidents.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 infotainment/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.

driving through water do not drive through flooded areas. judge the depth of water before driving through it. otherwise, water may enter the vehicle interior or the engine compartment. 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.flooding 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. do not attempt to start the engine if vehicle gets flooded due to water. tow the vehicle to a safe place. contact a near est tata motors authorised service centre. driving on a rainy day check wiper blades, lights and brakes for proper functioning and condition. check the tyre treads depth, the condition of the tread and tyre. 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 • driving on wet roads 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 tires due to a water film forming between them. steering or braking the vehicle can be very difficult, and loss of control can occur. there is no hard and fast rule about aquaplaning. the best advice is to slow down when the road is wet. note if you have driven for a long time in heavy rain without braking, there may be a delayed reaction from the brakes when braking for the first time. you have to press the brake pedal more firmly. maintain a greater distance from the vehicle in front. at night 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 in evitable. 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 driving on gradients 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. warning on long and steep gradients you must reduce the load on the brakes by shifting early to a lower gear. this allows you to take advantage of the engine braking effect and helps avoid overheating of service brakes resulting in reduced braking efficiency. driving on highway stopping distance progressively, increases with vehicle speed. maintain a sufficient distance between your vehicle and the vehicle ahead. for long distance driving, perform safety checks before starting a trip and take rest at certain intervals to prevent fatigue. seat belts this section of user manual describes your vehicle's seat belt, airbag and child restraints system. please read and follow all these instructions carefully to minimise 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 to minimize the risk of injury. sit back and adjust (if equipped), the • seat. make sure that your seat is adjusted to a good driving position and the back of the seat is upright. buckling the shoulder 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. 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. releasing the seat belt to release the seat belt, push the red button on the lock buckle. 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. the above image is for reference purpose only. fixed rear centre lap seat belt when buckling, make sure you hear a click confirming that the tab is latched into the seat belt lock. to tighten it, pull the loose end through the buckle until the seat belt is comfortably adjusted around the pelvic bone (hips). seat belt height adjustments (if applicable) if height adjustment is provided in the seat belt, occupant can adjust it to their comfort, as may be applicable. the above image is for reference purpose only.

each seating position and seat belt assembly must be used by one occupant. it is not recommended to put a seat belt around a child, being carried on an occupant's lap. each seating position and seat belt be careful not to damage or tamper the seat belt webbing or hardware. inspect the seat belt system periodically, checking for cuts, frays, or loose parts. a frayed or torn seat belt could rip apart in a collision and leave you with no protection. be careful not to damage or tamper if the seat belt webbing or hardware is damaged, get it replaced immediately at tata motors authorized service centre. if the seat belt webbing or hardware 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 insert any items such as do not wear seat belts over hard, sharp or fragile items in clothing, such as pens, keys, spectacles etc. do not wear seat belts over hard, 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. do not use any accessories on seat seat belts with pre-tensioner (if equipped) you can use 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 warning in a collision, the pre-tensioner seat belt assembly mechanisms becomes hot during activation. do not touch the pre-tensioner seat belt assemblies for several minutes after they

have been activated. if the vehicle has been involved in a collision, get it inspected immediately at authorised tata motors service center. seat belt with load limiter (if equipped) you can use the load limiter seat belts in the same manner as ordinary seat belts. the seat belt load limiter system works in conjunction with the supplementary restraints system (srs-airbags). in the event of a collision, as may be necessary, load limiter reduces the load on the rib cage region of the occupant. if the vehicle has been involved in a collision, get it inspected immediately at authorised tata motors service center

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 must wear a cor pregnant woman should wear the lap part of the seat belt across the pelvic bone 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. pregnant woman should wear the seat belt warning lamp the seat belt warning lamp reminds you to fasten the seat belt. if the driver does not fasten seat belt, seat belt reminder lamp will blink and a buzzer will sound for pre-defined duration until the driver's seat belt is buckled. if front passenger seat is occupied by adult and does not fasten seat belt, seat belt reminder lamp will blink and a buzzer will sound for pre-defined duration until the front passenger seat belt is buckled. if this system is also provided for other than front row seats, applicable above warnings will appear until seat belts are buckled. if front passenger seat is occupied by child, system may detect occupancy and warn with front passenger seat belt warning. it is not taken to mean child can occupy front passenger seat and use seat belt. please refer crs section for recommended seating position. note "using unauthorized after-market seat cover may affect function of occupant sensor. tata motors does not recommend any non-validated seat covers on seats."

child restraint system (crs) tata motors strongly recommends the use of child restraint systems (crs) for all children up to age of 12 years and to be placed at recommended positions only. children travelling without recommended crs and seated at other positions may face serious injuries in case of a collision. crs can be installed in the vehicle using seat belts and/or isofix only (if equipped) or isofix with top tether (if equipped). 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. all children below age of one year must always ride in a rear-facing infant crs. keep children above age of one year, in a forward-facing crs with a harness until they reach the size or weight limit allowed by your crs manufacturer. once your child outgrows the forward-facing crs, your child is ready for a booster seat. selection and installation of crs always select the crs that complies with latest safety standards (ais072 / ece r44). the crs are classified according to the child's size, height and weight. select the appropriate crs for your child. ensure that the crs is securely installed in the vehicle and subsequently child fits prop

erly in it and wears harness of crs. for installation, please refer crs manufac turer's instruction manual. notethe above images are for reference purpose only.

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 below as per the child group. x – seat position not suitable for children in this age group. u – suitable for “universal” category re straints approved for use in this age group. universal is a category in the ais072 / ece r44 norm. warningif a child is seated in the front seat it may cause serious injury or even death during any collision.

group, mass group, age group, fr, rear out board lh, rear out board rh, rear center

0, up to 10 kg, up to 9 months, x, u, u, x

0+, up to 13 kg, up to 24 months, x, u, u, x

i, 9 to 18 kg, 9 months to 48 months, x, u, u, x

ii, 15 to 25 kg, approx. 3 to 7 years, x, u, u, x

iii, 22 to 36 kg, approx. 6 to 12 years, x, u, u, x

warningif your vehicle is equipped with a front passenger airbag (pab) and does not have pab deactivation switch, do not install a rear-facing crs in the front passenger seat. if the pab inflates, a child in a rear facing crs could be seriously injured or killed. if you install a crs in the rear seat, slide the front seat far enough forward so that the child's feet do not touch the front seat back. this will help avoid injury to the child in the event of a collision. notechildren could be endangered in a collision if their crs is not properly secured in the vehicle. be sure to secure the child in the restraint system according to the manufacturer's instructions. warningdo not use an infant carrier or a child safety seat that “hooks” over a seatback, it will not provide adequate protection in a collision. after a collision, we recommend to get seat belts, seats, isofix and top-tether anchorages (as may be applicable) investigated at tata motors authorised service centre. notea crs in a closed vehicle can become very hot. to prevent burns, check the seating surface and buckles before placing your child in crs. warningdo not leave unattended children in your vehicle. do not leave unattended children in do not modify crs in any way. note do not install a booster seat or a booster cushion with only the lap strap of the seat belt. do not install a booster seat or do not install a booster seat or a booster cushion with a seat belt that is slack or twisted. do not install a booster seat or do not put the safety seat belt under your child's arm or behind its back. do not put the safety seat belt under do not use pillows, books or towels to boost your child's height. do not use pillows, books or towels make sure that your children sit in an upright position. make

sure that your children sit and 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 allow children to stand up or do not leave any toys or other objects loose in the crs or on the seat while the vehicle is in motion. do not leave any toys or other objects on each crs should be used for one child only. when passenger deactivation switch (if provided) is turned 'off', make sure 'passenger' operational status lamp illuminates with ignition 'on', indicating that the passenger airbag is not operational. 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 authorised service center. note the above image's are for reference purpose only.

supplementary restraint system (srs - airbags) (if equipped) the airbag 'srs' system comprises of the following components depending upon the provided safety features in your vehicle. the airbag 'srs' system comprises of the following components depending upon the provided safety features in your vehicle. seat belt pretensioners • seat belt with load limiters • driver airbag • front passenger airbag • 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 so quickly that you may not even realize that it has activated. the airbag will neither hinder your view nor make it harder to exit the vehicle. airbag inflation is virtually instantaneous and occurs with considerable force, accompanied by loud noise and smoke, which is normal. the inflated airbag, together with seat belts, limit the movement of an occupant, thereby reducing the risk of injury. when an airbag inflates, you may see some smoke-like particles. the particles are a normal by-product of the process that generates the non-toxic gas used for airbag inflation. these airborne particles may irritate the skin, eyes, nose, or throat. if you have skin or eye irritation, rinse the area with water. for nose or throat irritation, move to fresh air. also sometimes the smoke can cause breathing problems, in such cases, it is recommended to get fresh air promptly. after inflation, airbag provides a gradual cushioning effect for the occupant there after deflates. 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. after inflation, airbag provides a gradual cushioning effect for the occupant thereafter deflates. it is not advisable to drive your vehicle after the airbags have been deployed. if you are involved in another collision, the airbags will not be in place to protect you.

note the above image is for reference purpose only. 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. open your windows and doors as 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. do not touch the airbag container's always wash exposed skin areas thoroughly with lukewarm water and mild soap. always wash exposed skin areas 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 vehicle fitted with the airbags have suitable indications on steering wheel and on dashboard. the word 'airbag' is embossed on the airbag covers. 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. even in vehicles with airbags, you 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. always use seat belts and crs – you and your passengers should never sit or lean unnecessarily close to the airbags. you and your passengers should move your seat as far back as possible from front airbags, while still maintaining control of the vehicle. move your seat as far back as possible all occupants should sit upright with the seat back in an upright position, centred on the seat cushion with all occupants should sit upright 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.

not recommended seating position

note the above images are for reference purpose only. note never place your arm over the airbag as a deploying airbag can result in serious arm fractures or other injuries. never place your arm over the do not allow the passengers to lean their heads or bodies onto doors or place objects between the doors and passengers when they are seated on seats equipped with side and/or curtain airbags. do not allow the passengers to lean do not place or stick any item/s in the vehicle, except at designated locations (such as utility bins, cup/bottle holders, boot space etc). loose items may act as a projectile during a collision and cause severe to fatal injuries. do not place or stick any item/s in 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. please be aware that any unsecured 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 authorized service center if the vehicle is damaged, even if airbag has not inflated.always contact your tata motors authorized service center if any part of an airbag module cover shows sign of cracking or damage.

warningif 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 stays 'on'the srs warning lamp comes 'on'/stays 'on' while the vehicle is in motion.the srs warning lamp comes the srs warning lamp blinks when the engine is running.the srs warning lamp blinks when we recommend the customer to immediately visit tata motors authorized service center and get the srs system inspected if any of the above conditions occur.warningnever 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.never make any modifications to 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.fitment of bull bars, seat covers on if you need to make any modifications to accommodate any disability you may have, please contact your authorized tata motors dealer for necessary guidance.if you need to make any modification do not tamper with srs in any way. this will lead to unexpected performance of system and may cause serious injury or death.do not tamper with srs in any way.airbag warning sticker on front passenger sun visor the airbag warning symbol on sun visor reminds extreme hazards associated with the use of rearward-facing child restraint on front passenger seat during airbag deployment. it is not taken to mean child can occupy front passenger seat and use seat belt. please refer crs section for recom

warningnever 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 airbags in such situations will not benefit the occupants. side airbags and side curtain airbags (if equipped) are specifically designed to reduce the injuries that can occur in side collision. rear collision: during a rear collision, occupants tend to move (rearwards) away from

frontal airbags. therefore, deploying frontal airbags in such situations will not protect the occupant. head restraints and seat belts provide occupant protection during a rear collision. rollovers collision: during a rollover collision, unbelted occupants may float inside the passenger compartment. this will increase the risk of injuries and may prove to be fatal. wearing seat belts provide highly effective occupant protection during rollover collision. front airbags, are not designed to deploy in a rollover as frontal airbags cannot offer any protection in rollover collision. when front airbags/side airbags/side curtain airbags (if equipped) 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/side airbags/side curtain airbags (if equipped) may not deploy, even with exterior visible vehicle damage? the airbags are triggered only when there is a collision severe enough to trigger the airbags. the amount of visible vehicle damage is not always the correct indicator for airbag deployment. some collisions can result in visible damage but with no airbag deployment, because the airbags would not have been needed or would not have provided protection even if they had deployed. seat belts, if worn, offer adequate occupant protection in such cases. note if your car was flooded and has soaked carpeting or water on the flooring, you should not try to start the engine; we recommended that kindly contact tata motors authorized dealer.

child lock (if equipped) 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 closed by activating the child lock cannot be opened from inside, it can be opened only from the outside. do not lift the lock lever upward to deactivate the childproof lock when not required. lift the lock lever upward to deactivate 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 running. child safety lever to be used for

anti-theft device immobilizer / peps 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. note use only flip 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 flip key, as without flip key vehicle cannot be started. use only flip 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

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, • problem with key (wrong key used to start vehicle) • problem with immobilizer system. contact a tata motors authorized service centre.

ignition on, blinking, unlocked, contact a tata motors authorized service centre immediately.

anti-lock braking system (abs) (if equipped) 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 off after 2-3 seconds if system is healthy. warning if abs is faulty, the wheels could lock when braking. the steering ability and braking characteristics may be severely impaired. there is an increased danger of skidding and accidents. if abs is faulty, the wheels could drive on carefully. have abs checked immediately at the tata motors authorized service centre as soon as possible. drive on carefully. have abs 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 situation. abs may not shorten the distance 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. abs system will have the effect of 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 travelling on bad road, panic brake carefully in adverse weather and traffic conditions. always keep safe distance and adhere to speed limits.

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 increase 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. if ebd is

malfunctioning, the rear you should therefore adapt your driving style to the different handling characteristics. have the brake system checked immediately at a tata motors authorized service centre as soon as possible. you should therefore adapt your electronic stability program (esp) (if equipped) electronic stability program 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. additional safety features (as available) 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. off road abs based on wheel speed information off road abs helps to avoid wheel lock on uneven surfaces like loose gravel, pot holes by reducing the stopping distance compared to standard abs. electronic traction control (etc) the electronic traction control system function (etc) is designed as a slip control system to prevent the driven wheels of a vehicle from excessive wheel slip. roll over mitigation (rom) the main feature of the roll over mitigation function is the detection of a rollover critical situation and to prevent the vehicle

rollover. this is done by active brake interventions on selected wheels, thereby reducing the forces that cause a roll-over situation. brake disc wiping (bdw) water on the brake disc leads to a delay in brake response time. the purpose of the function brake disc wiping is to remove moisture when driving in wet conditions automatically. to get quick response from brake and better deceleration. electronic brake pre-fill (ebp) the electronic brake prefill (ebp) function reduces the air gap of the brake pad and the brake disc. the function is triggered after a sudden release of the accelerator pedal due to an unexpected emergency brake situation. by actively pre-filling the brake-system the brake response time is reduced and results in a shorter stopping distance. hydraulic brake assist (hba) in a dangerous emergency situation, most drivers don't use the full available performance of the brake system, because they brake too soft. the hba function detects the critical situation and builds up additional brake pressure to reduce the braking distance. hydraulic fading compensation (hfc) brake too soft. the hba function detects the critical situation and builds up additional brake pressure to reduce the braking distance. hydraulic fading compensation in dangerous fading situations most drivers operate the brake pedal with a small or regular braking force and they never reach to the maximum possible vehicle deceleration. the hfc function improves the stopping distance by eliminating required pressure build-up lag by the driver. dynamic wheel torque by brake (dwt-b) the main goal of the function is to improve the agility of a vehicle and to enable a more direct steering. this is mainly achieved by braking interventions at the inner wheels during turning. dwt-b reduces

understeer tendency of the car and a higher curve speed can be achieved. 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. hill hold control (hhc) hill hold control is a comfort function. the main intend is to prevent the vehicle from rolling backwards while driving off up-hill on an inclined surface.

keys a key is an electronic access and authori zation system available as a standard fea ture 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 man agement system (ems). in case of peps variant, immobilizer function is provided by peps ecu. engine starting when the key is inserted and the ignition is switched to 'on', all codes are commu nicated 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 cen ter 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 ab normal condition by immobilizer and prevent engine from starting. do not turn 'on' ignition switch by do not leave the key in high temperry g p ature 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. do not try to start the vehicle when

flip key with remote unlocking all doors 1. approach light/tail gate unlatch 2. locking all doors 3. folding key blade in/out 4. unlocking all doors pressing the unlock button (1) of re-mote will unlock all the doors. approach light press approach light button (2) once, low beam, positon, 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. red led will be flash on the remote. to switch 'off' the approach lights, press and release the same button or it automatically turns 'off' after certain time. tail gate unlatch to unlatch the tale gate, long press the approach light button (2) on remote for more than 2 sec. notetail gate once unlatched will not get lock automatically with doors. it will locked by slamming itlocking all doors pressing the lock button (3) once. re mote locks all the doors of the vehicle. 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. notekey blade should not be folded without pressing the button. also, it should not be forced in any direction apart from folding direction

to avoid damage to flip mechanism

flip key features vehicle search in vehicle locked condition if lock button on remote key is pressed the turn indicators of vehicle flashes 4 times. automatic activation of immobilizer if key is removed from ignition, the engine will be immobilized automatically even if you forget to lock the vehicle. for few variant, ignition off is required to immobilize 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. please refer section starting and driving for more information. when ignition key is taken out all the doors get automatically unlocked. for few variant, when ignition is turned • off 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. smart key (if available) keep the smart key with user to perform the passive access. it is used for locking, unlocking and starting the vehicle. locking all doors 1. approach light 2. tail gate opening 3. unlocking all doors 4. 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. approach light this feature helps to find and reach the parked vehicle. when you press approach light button (2) once, low beam and position lamps will turn 'on'. to switch 'off' the approach lights, press and release the same button or it automatically turns 'off' after certain time. tail gate opening press the lock button once (3) to unlock the tailgate. 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. 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 relock 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. please refer section starting and driving for more information. also, when unlocked with remote key and if no door is opened within 30 seconds, vehicle doors get automatically locked. vehicle doors get automatically locked after 180 sec. time elapsed, when vehicle power is in off mode and vehicle all doors in locked condition. after doing other than driver door transition (open > closed) then vehicle all door will get unlocked and an audio warning will be sounded for nine sec to alert that the key is inside the

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 if smart key is close to radio transmitter, it may interfere with the operation of the smart key. if the smart key is near a mobile two way radio system or a cellular phone, then it will not work correctly. if another vehicle's smart key is being operated close to your vehicle, the signal will interfere. keep the smart key away from electro magnetic materials which block electro magnetic 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 function of the remote gets reinstated immediately when the user stops pressing the push button of remote. force panic operation force panic on operation: when the vehicle is in off condition and the lock and unlock buttons are pressed at the same time, the force panic operation becomes active. in this case, the turn indicators start flashing and the vehicle starts to honk. force panic off operation: to deactivate the force panic operation, press any button on the smart key. vehicle alarm & security to prevent automobile thefts, the anti-theft system makes use of an anti-theft alarm (ata). on detection of any unauthorized access, the bcm triggers the horn (acoustic alarm) and flashes the turn indicators.

doors option 1- door locking / unlocking with key 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 2- door locking / unlocking using door handle switch (dhs) to lock/unlock all the doors without operating smart key button/ key blade. press the driver door to lock/unlock all the four doors including tail gate. all the doors can also be locked from inside by pressing knob on driver door and independently on other doors respectively. note f 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. passive entry works only when igni-

locking without a key from inside

unlocking the doors from inside all doors can be opened from inside. to open, pull the door opening knob (1) and then lever (2). windows express down (if available) window glasses can be opened by a single long press of the switch. express down feature is provided for the driver's door only. power windows (if available) individual switches individual window winding switches have been provided on the front passenger and rear doors. front window winding switch (left) 1. front window winding switch (right) 2. rear window winding switch (left) 3. rear window winding switch (right) 4. inhibit switch 5. 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.

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 inhibit switch on when switch is pressed, red light turns 'off'. the individual switches provided on rear and front passenger door cannot be operated. however, it can be operated from the switches on driver's arm rest. inhibit switch off when switch is pressed, red light turns 'on'. 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. warning if children operate the windows they could be get trapped, particularly if they are left unsupervised. there is a risk of injury. if children operate the windows they 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. activate the window inhibit feature

manual window winding (if available) use window winder handle for lowering or raising up window glasses manually where power windows are not provided. opening the bonnet make sure that the engine is switched 1. off and vehicle is in neutral gear with the parking brake applied. pull the bonnet release lever. the bon 2. net will pop up slightly. for mtf or amt lift the bonnet slightly and with your 3. finger and slide the secondary lock lever located under the center of the bonnet.

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. lift the bonnet up. pull the bonnet stay 4. rod from its clip and put the free end into the slot provided on frame. lift the bonnet up. pull the bonnet stay 4. warning the stay rod can be hot enough to burn your finger right after driving. touch the rod after it becomes cool enough. the stay rod can be hot enough to put the stay rod into the hole correctly. if the rod drops off, your body may be caught below the bonnet. put the stay rod into the hole correctly.

ing to close the bonnet, hold the bonnet 1. by one hand, disengage the stay rod and clamp it back properly. lower the bonnet close to the bumper, 2. 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 notes some variants may have multiple options. option i to open the tail gate, pull the lever located at the right hand side below the driver's seat and lift the tail gate. option ii remote operated tail gate unlatching can be done through long press (2 sec) approach light button on remote key. option iii to release the tailgate, press the tail gate button on the remote. warning tail gate can be unlatched without smart key. tail gate can be unlatched without by pressing tail gate button on smart key and pressing tail gate door, handle switch with 30 second. by pressing tail gate button on

option iv to open the tail gate, press the switch located on fascia switch. valid smart key in the authentication range the tail gate gets unlatched. for closing, pull the tail gate down and close it with a slight swing. note if vehicle is in locked condition then tail gate unlatch via fascia switch will work only in ignition on condition. if vehicle is in unlocked condition then tail gate unlatch via fascia switch works in ignition on as well as ignition off condition. if vehicle is in unlocked condition option v if the vehicle is locked, tail gate is closed and tail gate dhs switch is pressed with valid smart key in the authentication range the tail gate gets unlatched. on closing the tail gate door, it gets locked. while closing the tail gate, if doors are in locked condition and valid smart key is inside the trunk, then tail gate gets unlocked. option vi tail gate opened by using door key, the lock is located on the tail gate.

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, turn the fuel cap clockwise and 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. fuel vapor is extremely hazardous. do not continue adding fuel after the automatic shut 'off' function is operated if it is equipped on the fuel. do not continue adding fuel after the

station. overfilling the fuel tank could damage the fuel system. note to fill up the fuel, the engine must be stopped by turning off the ignition key / start-stop button. to fill up the fuel, the engine must remove the fuel filler cap slowly, and wait for any hissing to stop. the fuel may be under pressure and may spray out. remove the fuel filler cap slowly, if fuel cap needs replacement, make sure that it is replaced by a genuine cap at the tata motors authorized service center. if fuel cap needs replacement, make power sunroof (if equipped) it bring natural light and fresh air into passenger compartment. the cabin becomes more

illuminated and bright which gives pleasant feeling while driving and makes driving experience more enjoyable and more relaxed. sunroof allows air to flow evenly from the roof which is must quieter and less intrusive than wind blowing through a side window. opening and closing the power sun roof open sliding sunroof
1. close sliding / tilt sunroof 2. open tilt sunroof 3. note you must switch on the ignition to operate the power sunroof. sunroof open / close position opening procedure press the sunroof control button (1) (one touch) the sunshade and sunroof will open to full position automatically. press and hold the control button (1) and adjust the sunroof opening manually as desired position is achieved release the

button. to stop at any position press control button (2) one touch. closing procedure press the sunroof control button (2) (one touch) sunroof will close to full position automatically. press and hold the control button (2) and adjust the sunroof closing manually to desired position and release the button. note open window. this is emergency feature. sunshade will not close automatically during sunroof close operation. it should be closed manually. warning emergency close feature if express (one touch) / manual (long press) sunroof close function may not work due to: consecutive several attempts to close sunroof, due to pinch protection (only for closing sunroof). excessive ice / dirt accumulation on • the sunroof glass/guides. follow the emergency close command as below: emergency close feature can be used, if sliding sunroof consecutive reversal movement observed 3 times within 10 sec, then continue as below to use emergency close feature. on the 4th attempt continuously push 1. the sunroof close switch until it closes completely to ensure occupant privacy, safety & theft prevention from sunroof open window. this is emergency close feature. never keep your hands or head in the sunroof window while performing this operation it may cause severe injury, since anti-pinch function will not work at this 4th attempt. once the sunroof is completely closed, 2. release the switch. once the sunroof is completely closed, 2. alternatively, user may wait for min. 30 3. secs before operating sunroof, then sunroof can be operated with normal functions. alternatively, user may wait for min. 30 3. note if the sunroof doesn't operate as above, visit an authorized tata dealer or tata authorized service facility for assistance."

sun shade open/close position to fully open/close the sun shade opening procedure hold sun shade and move it to rearward direction to open in full position or desired position. note sun shade can open completely only when glass is close position, vent position, or between open and vent position. closing procedure hold sun shade and move it to forward direction to close however it will not close completely unless the sunroof is in closed position. note after switching ignition to off, you can still open or close the power sunroof for 30 sec or as long as the driver door is not opened. sunroof tilt/vent position tilt/vent the sunroof to open push the sunroof control button (3) one touch) to tilt/vent upward. note tilt/vent of sunroof will happen only when it is

completely closed.

tilt/vent the sunroof to close press the sunroof button (2) to close tilt/vent. pinch protection for sunroof pinch protection can help reduce the 1. risk of pinching injuries when closing the power sunroof. if the power sunroof closing meets resistance or there is something in the way, the power sunroof opens again immediately. check why the power sunroof did not 3. close. try to close the power sunroof again. 4. the power sunroof again. the operation does not stop even after a complete close and tilts up the sun roof. warning if the sunroof is stopped midway due to a discharged battery or power failure or it is dead, or any fuse is replaced, the sunroof must be initialized otherwise express sunroof malfunctions. if the power sunroof malfunctions, pinch protection may not function properly visit the tata motors authorized dealer/service center immediately. warning if the without pinch protection, the power sunroof will close with enough force to cause serious personal injury. if the without pinch protection, the always be careful when closing the power sunroof. always be careful when closing the pinch protection cannot prevent fingers or other parts of the body from being pressed against the edge of the roof; may result in injuries. pinch protection cannot prevent finger condition for initializing if the sunroof is stopped midway due to a discharged battery or power failure or it is dead, or any fuse is replaced, the sunroof must be initialized. otherwise, express (one touch) function (open/close/tilt) and pinch protection function will be deactivated. you need to recalibrate the starting point of the sunroof. turn on the ignition switch. close position for sunroof and sunshade should be in close position. turn on the ignition switch. close position. the sunroof does not completely close or open by operating the switch once. the sunroof slides back to close. but 3.

the opening gap remarkably decreases for the sliding open or tilt up. the opening gap remarkably decreases. operation of the sunroof switch does 5. not do anything or work properly. operation of the sunroof switch does 5. the operating process is not same as 6. before due to discharged or disconnected battery. the operating process is not same as 6. initializing procedure to initialize the sliding sunroof, use the following procedure. turn on the ignition 1. sunroof shall be in close position. 2. press the 'sunroof close switch' and hold it for 9 to 10 seconds. during this process, sunroof goes to tilt position and makes clicking sound and stops at tilt position. close sunroof by again pressing close 3. switch. the initializing command is complete, check if the express open/close features are working. note if the initializing procedure is not completely performed, then it has to be run again from step 2. sunroof self learning procedure should be followed under below conditions self learning is done when sunroof and 1. sunshade assemble is replaced or when pinch protection is not working. sliding sunroof shall be in open position from the front edge of cutout. close the sunroof fully by pressing 3. 'sunroof close switch' and keep the switch pressed continuously. do not release the switch and wait for following actions to

perform.sunshade will start opening after 5 sec 4. pause and close automatically.release the switch to complete the 5. procedure and thus the self learning command is complete.noteincase sunroof close switch is released in the middle of procedure, repeat from step 1.self learning command procedureself learning is done when sunroof and 1. sunshade assemble is replaced or when pinch protection is not working.sliding sunroof shall be in open posi 2. tion from the front edge of cutout. close the sunroof fully by pressing 3.

'sunroof close switch' and keep the switch pressed continuously. do not release the switch and wait for follow ing actions to perform.sunshade will start opening after 5 sec 4. pause and close automatically.release the switch to complete the 5. procedure and thus the self learning command is complete.noteself learning the sunroof must be done after completion of initializing the sun roof.noteincase sunroof close switch is released in the middle of procedure, repeat from step 1.

cockpit 1 a.c. air vent

1,a.c. air vent

2,air bag (pab)

3,infotainment display (if available)

4,combi-switch

5,horn pad

6,air bag (dab)

7,steering mounted controls (if avail- able)

8,controls (as available)

9,foot rest

10,usb port

11,fascia switches

12,start/stop switch

13,foldable arm-rest (if available)

14,parking brake lever

15,drive control knob

16,power socket

17,gear shift lever

18,hvac control panel

19,hazard warning switch

20,glove box

instrument cluster – digital cluster (version 1)

note: all indicators shown may not be applicable to your vehicle.
above image is only for reference. red bar values shown may change as per vehicle.

instrument cluster – digital cluster (version 2)

note: all indicators shown may not be applicable to your vehicle.
above image is only for reference. red bar values shown may change as per vehicle.

speedometer speedometer indicates the vehicle speed in kmph. note at every key in and ignition on, the instrument cluster led gauges moves to max. and returns to non position. tachometer tachometer indicates engine speed in revolutions per min (rpm). warning whenever engine is accelerated beyond safe rpm, tachometer display whenever engine is accelerated returns red. in such case, reduce the engine rpm immediately. do not drive the vehicle with a high engine rpm. this may cause damage to the engine and reduce its life. note at every key in and ignition on, tachometer led display moves from min to max and returns to first bar on. at every key in and ignition on, this is a welcome strategy and a self-check feature. this is a welcome strategy and a fuel gauge when the ignition switch is in "on" position, fuel gauge gives an approximate indication of the amount of fuel in the fuel tank. in indication window, "f" stands for full and "e" stands for empty.

when fuel telltale is moving, in the tank nears empty, low fuel warning tell-tale light glows. fill fuel as soon as possible. if fuel is not filled even after low fuel warning tell tale 'on', first bar in fuel gauge will start blinking to indicate more severe low fuel warning. note on inclines or curves, the fuel gauge may fluctuate or the 1st bar may blink or low fuel telltale may turn on earlier than actual due to the movement of fuel in the tank. on inclines or curves, the fuel on inclines, curves, 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 illuminate earlier than usual. always check the fuel level when the vehicle is on level road. on inclines, curves, braking and when the ignition switch is in the "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. warning running the fuel tank too low or empty can cause engine to stall and running the fuel tank too low or could endanger user and passengers. user must stop and obtain additional fuel as soon as possible after low fuel warning telltale turns on. do not continue adding fuel after the automatic shut off function is operated if it is equipped on the fuel pump. the sensor in the fuel tank may

misjudge the amount of fuel remaining. low fuel warning symbol shall blink if there is any fault in the system. take vehicle to the tata motors authorized service station if the symbol starts blinking.

temperature gauge when the ignition switch is in the "on" position, this gauge indicates the engine coolant temperature. the indicator should be within the normal, acceptable temperature range i.e. between "h" and "c". if the indicator approaches "h", overheating is indicated by a red bar. if the coolant temperature is very high, the engine coolant temperature tell-tale light flashes and you will hear an audio warning. in this case, stop the vehicle, switch the engine 'off' and allow it to cool down for some time. contact the nearest tata motors authorized service centre immediately every key in and ignition on, temperature gauge bars move to h and come back to c position. this is welcome strategy and self-check feature. warning the red progress bar indicates overheating due to high coolant temperature that may damage the engine. if you continue to drive the vehicle in this case, it can result in severe engine damage or even fire. the red progress bar indicates overheat. never 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. never remove the radiator pressure

instantaneous fuel economy (ife) it indicates fuel economy of current drive when ignition is turned 'on'. the display does not show actual value unless vehicle is moving. note ife will vary frequently as per driving pattern. ife will vary frequently as per drive. display does not show fuel economy of last drive. ife display does not show fuel the indication on the display screen may be delayed if fuel consumption is affected by driving pattern. the indication on the display screen 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. for km/l setting, the indicated maximum average fuel economy (afe)

trip a
trip b average fuel economy a/b will reset to '0' whenever trip meter a/b is reset. average fuel economy will be displayed as '—' for initial 0.5 km of respective trip. once 0.5 km distance is covered, average fuel economy will be displayed. even after 0.5 km distance covered for particular trip, if average fuel economy is displayed as '—', then take your vehicle to tata motors authorized dealer/service center. note afe value is estimate of fuel economy. it may vary significantly based upon driving conditions, driving habits and condition of vehicle. afe value is estimate of fuel economy. average fuel consumption will get reset to '0' when battery is removed and refitted. average fuel consumption will get 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. for afe, the indicated maximum distance to empty (dte)

that your vehicle can travel with available fuel in tank. 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. if low fuel warning light glows, fill the fuel tank immediately regardless of the dte figure. note if dte is displayed as '—', then take your vehicle to the tata motors authorized dealer/service center. the dte will update with new value when fuel is added more than 5 litres at a time. dte will provide rolling text warning as 're fuel' at approximately 47 km distance to empty. dte working range is from 47 km to 1999 km. if low fuel warning light turns 'on', fill the fuel tank immediately regardless the value of displayed dte. the distance to empty value is an estimate of the available driving distance. if vehicle is not on level ground and negative of battery has been disturbed, the dte function may not operate correctly. instrument cluster illumination for instrument cluster illumination level settings, it is necessary to turn the park lamp 'on' and then press the 'set' knob on instrument cluster. press 'set' knob to change the illumination intensity level in 5 steps. a delayed press on the 'set' knob for a selected intensity will confirm it. note this is a welcome strategy and a self-check feature. warning the clock and instrument cluster illumination settings should be done only when the vehicle is in stationary condition for safety purpose.

driver information system (dis) setting mbsp- mode button short press

driver information settings for illumination and clock setting
mbsp- mode button short press; sbllp- set button long press;
sbssp- set button short press

col0,col1,col2,dashboard & features

warning lamps,color,indicator,remarks

park brake / brake fluid low / ebd malfunction,red,, "illuminates momentarily when ignition is switched 'on'. once parking brake is re-released, it turns 'off'. if it remains 'on', it indicates. 1. brake fluid level is low. 2. park brake is applied & turns 'off' when it is released. 3. abs/ebd system has a fault."

cruise control lamp (if available),green,, this symbol lights up when the 'ign' is turned 'on' and shall go 'off' after 4 sec. the cruise control is used to indicate the status of cruise control system to the driver. lamp on indicates cruise control feature is present and it is activated.

epas,amber,, illuminates momentarily when ignition is switched 'on'. illuminates when there is a fault in the epas. contact the tata motors authorized service centre immediately.

high coolant temperature,red,, "the lamp comes on when ignition is switched 'on' and goes 'off' in approx. four seconds. 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. note: 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."

dpf (diesel) (if available),amber,,the dpf warning light or symbol switches 'on' continuously to indicate that the dpf needs to eliminate the trapped pollutants (particulate matter) through the re-generation procedure. the warning light or symbol switch 'on' only when driving conditions require the driver to be notified.

warning lamps,color,indicator,remarks

,,,,"dpf 'on' does not indicate a malfunction. to switch off the warning light or symbol, keep the car running on road until re generation is complete (ideally at 3rd gear, 50-80 kmph, with engine speed over 2000 rpm). the process normally takes about 20 minutes. the warning light or symbol remains off during the entire dpf regeneration procedure if the procedure is not followed, mil lamp will switch on, along with dpf lamp on instrument cluster. note: please follow the above recommended dpf regeneration procedure to avoid mil lamp switch 'on'. in case, mil lamp switch on, please contact nearest tata authorized service centre to restore dpf operation. for park regeneration process in details refer maintenance section."

low fuel indicator,amber,,the lamp comes on momentarily when ignition is switched 'on'. the symbol lights up continuously if fuel level in the tank is low. fuel needs to be filled immediately. note: 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.

abs,amber,,illuminates when ignition is switched 'on' and goes 'off' in 3 seconds. illuminates continuously if there is any malfunction in abs. normal braking system will be operational without assistance of abs. contact a tata motors authorized service centre immediately.

warning lamps,color,indicator,col3,col4,remarks

hdc warning lamp (if available),amber,,,,,"illuminates if hill decent control system is activated. if continuously on then hdc system is at fault condition, please take your vehicle to nearest tata authorized service center at the earliest."

hdc on (if available), green, , , , illuminates momentarily when ignition is switched 'on'. this symbol comes on when the hdc function is activated in the vehicle.

hhc warning lamp (if available), 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 center at the earliest."

electronic stability program (esp) (if available), 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 center at the earliest."

audio reminders (as available) key-in reminder/audio warning if you forget the key inside the vehicle when you leave the ignition in 'off' position and door is open, 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 seconds 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 lights and driver door is open, an audio warning will be started. do not forget to turn off your park lights as it may drain the vehicle's battery. parking brake 'on' reminder if park brake is applied and vehicle is driven, tell tale will turn 'on' and buzzer will provide audio warning continuously. disengage the park brake to stop audio warning. reverse gear reminder if reverse gear is engaged, the buzzer sound will alert you for 1 second. driver seat belt reminder if seat belt is not fastened and vehicle goes above 15 kmph, then final audio warning will go on for more than 90 seconds. seat belt tell-tale light will remain continuously on when audio alarm is active. front passenger seat belt re-reminder if front passenger has not fastened seat belt and if vehicle speed goes above 15 kmph, then final audio warning will go on for more than 90 seconds. seat belt tell-tale light will remain continuously on when audio alarm is active. note fasten the seat belt to stop audio warning. drive mode chime when user switches drive mode from city to eco or city to sport (as available), sound warning for 1 second will be given to alert user. electronic steering column lock (escl) chime this feature informs the driver to rotate steering wheel when escl gets engaged accidentally. 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. •notetpms is not applicable for spare wheel. peps key not detected chime if peps key is not detected in the vehicle, then sound warning will be given to alert user. combi-switch (rh stalk) (if available) left turn signal move the lever fully upward. right turn signal move the lever fully downward. notewhen the turn is completed, the signal will cancel and the lever will return to its normal position. high beam move the lever forward to select the high beam function. pull the lever back to normal for low beam. 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. 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). day time running lamps (drl) day time running lamps (drl) are used to increase the visibility of the vehicle to other drivers during day time. to activate and deactivate drl, keep 1. the ignition switch is 'on' position and switch the parking lamp on-off twice within approx. three seconds. activation and deactivation of drl can 2. be done by drl soft switch, which is available on the head unit display. 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, but the lever does not latch. the turn signal will flash six times automatically. 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 available) 'off' position the wiper is switched 'off'. 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.

slow wipe push the stalk towards position (2) for continuous slow wipe. fast wipe push the stalk towards position (3) for continuous fast wipe. flick wipe (spring return) pull the stalk downwards and hold it for continuous wipe, the wiper continuously wipes across the wind shield at low speed till the stalk is released. 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. auto front wipe 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. notewhen you crank the engine, the supply to washer motor is momentarily cut off. rear wash and wipe rear

windshield / wiper and washer turn the rotary knob clockwise and release to operate rear windshield wash and wipe. the windshield wipers will operate for three cycles. rear wipe turn the rotary knob counter clockwise such that it aligns its positions with arrow mark to operate rear windshield wiper continuously. note rear wiper will not work as long as tail gate is open. rear windshield/ wiper and washer switch turn the rotary knob counter clockwise such that it aligns its positions with the arrow mark and hold it to operate rear windshield wash and wipe function. it will return to 'rear wipe' position as soon as it is released and continues to wipe. note when you reverse the car with front wipers in 'on' condition, the rear wiper will also be 'on'.

warning if you operate, wash and wipe function for more than 15 seconds the controller cuts off the supply to the washer motors to avoid overheating. rain/light sensor (as available) the integrated rain and light sensor is mounted on front windshield glass to sense rain and light. as per the input from sensor, the wipe and light functions will work automatically. dashboard controls (if available) option 1 option 2 fascia switches are provided on the center console below hvac control panel. front fog lamp switch 1. xpress cool 2. central lock/unlock 3. tail gate opening 4.

front fog lamps (if available) the front fog lamps are located on the front bumper. in poor visibility conditions due to fog, snow or rain, the fog lamps make visibility better and make it easier for other road users to see you. it turns to 'on' when the fog lamp switch is turned on when the ignition is 'on' and when the position and parking/ head lamp is 'on'. an indicator on front fog lamp knob will come on when the front fog light is 'on'. fog lamp as cornering lamp the front fog lamps also function as cornering lamps to light up the area to the side of the vehicle, making night-time parking and turning safer. central lock/unlock to open the door, press the lock/unlock door switch located on the fascia switch. tail gate opening to unlatch the tail gate, press the switch located on fascia switch. steering mounted controls (lhs) (if available) volume press above switch to increase or decrease volume of music system / radio. seek forward/backward press above switch to change radio channels.

receive calls/ptt (push to talk) press above switch to accept incoming call when a cell phone is connected via bluetooth. voice recognition to start, press the voice activation button provided on the steering wheel. 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. note the system will start recognizing your voice command only after the beep. so, speak your command only after you hear the voice activation beep. mute/phone reject press above switch to reject or hang up a phone call. it is also used to mute the volume of music system/radio. source press above switch to select the required source in the infotainment system i.e. usb, am, fm and bluetooth. note for more information, refer

infotainment manual. refer link - <https://cars.tatamotors.com/service/owners/owners-manual> for compatible list of phones, refer link <https://cars.tatamotors.com/service/owners/phone-bluetooth-compatibility-with-car-infotainment-system> steering mounted controls (rhs) (if available) cruise control master switch cruise speed can be resumed only if cruise control is deactivated by applying the brake. to resume the previously set cruise speed, accelerate the vehicle to a speed as per gear selected as below: 3rd gear approx. 30kmph to 80kmph 4th gear approx. 40kmph to 120kmph 5th gear approx. 50kmph to 140kmph

cruise control deactivating switch there are two ways to deactivate cruise control: applying brake / clutch. •press deactivation switch on steering wheel • changing the set cruise speed the set cruise speed can be adjusted using the buttons '+' (to increase) or '-' (to decrease) on steering wheel. the speed increases and decreases on a single press. the changed speed will be shown on the speedometer. keeping the switch pressed increases or decreases the speed continuously till the switch is re-released or maximum/ minimum speed limit for particular gear is reached. the set speed can also be increased by pressing the accelerator pedal till the desired speed is achieved and then pressing the 'set' button. the set speed can also be decreased by pressing the brake pedal (the cruise indicator will turn off) and slowing down to desired speed and then pressing the 'set' button (the cruise control indicator will turn 'on' again). cruise set (reset) using speed increase (decrease) switch press the cruise control master switch on steering wheel. accelerate the vehicle to the desired speed. make sure that the clutch and brake pedals are not pressed. press the 'set' button on steering wheel switch to set the desired cruise speed. the cruise control indicator on instrument cluster will turn 'on'. remove your foot from the accelerator • pedal. once cruise control is activated the vehicle automatically maintains the stored speed. mic (if available) mic is provided on the roof near the roof lamp.

infotainment system display option if option is not for more information, refer infotainment manual. refer link - <https://cars.tatamotors.com/service/owners/owners-manual> for compatible list of phones, refer link <https://cars.tatamotors.com/service/owners/phone-bluetooth-compatibility-with-car-infotainment-system> 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 park the vehicle. 1. hold the steering wheel mute button 2. (long press) for more than 10 secs and then release the button as soon as the display goes blank.

the step above will trigger the infotainment system restart procedure. wait until the system restarts. when you hold the steering wheel 4. 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. it is preferable to do one ignition 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. if the reboot does not work or master/force reset keeps the stored data, such as call history, text message information, and previously paired phones as it is. force/master reset keeps the stored speakers & tweeter (if available) speakers and tweeters are available in models with infotainment system. provisions are given for music system and speakers on versions without infotainment system. usb port (if available) connect your portable digital music players, pen drives etc. to this socket for playing music tracks through the vehicle's music system.

power socket (if available) two power socket are provided on center console 1. behind rear seat on lh side 2. 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. behind rear seat on lh side note use of unapproved electrical accessories can cause damage to your vehicle's electrical system. use of unapproved electrical accessories make sure that any electrical accessories you use are designed to plug into this type of socket and rating. make sure that any electrical accessories antenna option i shark fin antenna is provided on the roof at rear end.

option ii antenna is located on the roof. turn the antenna anticlockwise to remove it from the vehicle, if required. roof grab handle (if available) 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. 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'. boot lamp (if available) boot lamp is provided in the rear luggage compartment to illuminate the luggage area. it will be on when tailgate is open and will be off when tailgate is closed. front lamp high beam lamp 1. low beam lamp 2. parking lamp / drl 3. turn indicator lamp 4. lamp condensation / fogging condition condensation is a natural phenomenon in lamp. this occurs mainly because of atmospheric condition/weather change. during normal condensation, thin film of mist is visible on the inside surface of the exte

rior lens. generally, this condition is considered normal and can be eliminated by turning on the headlamp with engine running or

during normal driving conditions. note headlamp fogging/condensation is natural occurrence and headlamp assembly replacement will not be necessary to resolve the issue. headlamp fogging/condensation is high-pressure washer jet direct on vent system of lamp are not recommended, there might be possibility of water ingress causing heavy fogging. high-pressure washer jet direct on tail lamp (as available) turn indicator 1. stop lamp 2. parking / position lamp 3. reverse lamp 4. wireless power charging (if available) wpc system description wireless power charging (is a convenience feature to charge the smart mobile phone using wireless charging technology, without a need to plugin wire in the device. the wpc system is powered with vehicle battery and the wireless power charging function is enabled with ignition on. qi compatible term qi 1.1.4: refers to certified product with the capability to transmit power of up to 15 w and detect metal and other impurities to prevent heating. note the wpc would support only those smart phones which are qi compatible. please refer to the smart phone manual or connect to smart phone manufacturer to check whether your smart phone supports qi function.

location of wireless charger location: the location of the wpc in vehicle is in the centre console area as below. function of each component of wpc wireless power charging (wpc) ecu: generates power up to 15w and transfer power wirelessly by magnetic induction. anti-skid mat: holds the position of smart phone placed on it against any jerk and acts a charging contact surface for the smart phone. cooling fan: it is provided to keep charging surface temperature within ambient temperature range. cooling fan: it is provided to keep fan cover: it has ducts to direct fan air on wpc ecu surface. fan cover: it has ducts to direct fan in infotainment unit: it is status display unit to display the status of wireless power charger. status symbol and text display is displayed on infotainment unit. infotainment unit: it is status display functions of wpc system a. charging function: charge smart phone following all the conditions are applicable in this feature to function correctly ignition on (engine off) • engine on • smart phone placed in correct orientation on the anti-skid mat as below wpc system detects the presence of phone and starts charging as per the qi standard protocol. the charging status is updated and displayed on the head unit. b. charging status display function: display the real time status of wpc system. meaning of wpc update to be provided to customer. wpc system in standby mode – 1. means, wpc system is waiting for phone or phone is not getting detected by the wpc system etc. customer is advised to check the qi

compatibility/phone alignment/any foreign object between the phone and mat. smart phone charging on- means, 2. wireless charging is going on perfectly foreign object on the anti-skid mat- 3. means, customer is advised to check for the presence of any metallic object on anti-skid mat, if found then it need to be removed. smart phone battery is full/charging 4. completed wpc ecu error ("error" condition indicates abnormal operating conditions internal system fault or fan stuck/jam). means, there is internal system error in wpc system and customer shall re align the phone to center

of the mat to initiate charging or customer is advised to visit the tata motors authorized workshop etc. foreign object detected – popup foreign object detected – all time display conditions to charge phone properly keep the charging surface clear of any 1. foreign objects (coins, credit cards, smart cards, keys etc.) place the smart phone on the charging 2. area marked for positioning the phone, for best results place the smart phone at the center of the charging pad. charge the smartphone without its 3. cover or not a thick cover otherwise it would halt the wireless charging ensure that the phone is placed with 4. display facing upwards and charging area touching the charging pad surface. turn on the ignition to start the charging 5. ing. information the wireless charging function is supported to charge smart phones which are qi compatible. certain features may not function as not supported by the smart phone manufacturer and not a malfunction of the wireless charging. wireless charging stops with ignition

off. wireless charging stops when the smart phone is not completely in touch with the charging pad surface or not positioned correctly on charging pad do's and don'ts warning 1. if any metallic object such as coin is located between wireless charging pad and phone back, the charging may be disrupted. also, metallic object may heat up. do's: please ensure that the phone is compatible to the charging standard "qi". if there is any metallic object between 2. smartphone and wireless charger pad, immediately remove smart phone and metallic object after it has completely cooled down. once any metallic object is detected on wireless charger post charging it displays its warning message on head unit, first remove smart phone then remove foreign object from the charging pad and place the smart phone again on charging pad. in case of water/liquid spillage on 3. charging pad, dry out the pad surface area properly & clean the ecu surface area by removing anti-skid mat. do not charge the smart phone until surface is completely dry. the smart phone may become hot 4. while getting charged. please be cautious about the high temperature while picking up the smartphone from the charging pad. wireless charger works on principle of 5. magnetic induction, i.e. it converts electrical energy into magnetic energy to transfer energy from charging pad to phone. please maintain safe distance from the charger most of the time as it may cause irritation to sensory organs or active implants if implemented in the body. please consult medical specialist in case implant organ in the body of the user place the smart phone on the center of 6. the charging pad for best results (refer figure 1). user shall turn on engine to use this 7. feature to avoid vehicle battery drain issue. user shall clean charging pad/mat properly 8.

periodically to avoid dust accumulation. vehicle ac shall turn on during wireless 9. mobile charging for efficient use of this feature. if the wireless charging does not work 10. gently align your smart phone towards the center of the charging pad until charging will start (specifically for small size phone) & charging pop up appears on head unit. if spillage of fluid (water, cold drinks 11. etc.) through holes on anti-skid mat and bezel, then immediately remove the water /liquid from wireless charger mat area

and then remove the wc mat & cleaning of wireless charger.

don'ts:do not use metallic smart phone cov 1. ers as it would halt the wireless charging function. the wireless charging may not function properly when there is a heavy & thick accessory cover on the smart phone.do not place smart phone up-side 2. down on charging pad or do not missin such case smartphone charging will not happen.please remove any objects such as 3. metallic objects like coins, smart keys, electronic cards e.g. credit card, debit card, smart card from the charging pad as it may disrupt the charging process and/or may damage the card.please do not put any liquid (e.g. 4. water, cold drink, and sanitizer), dust particles or flammable object on anti-skid mat.do not cover the wireless charger with 5. a cloth or other object while charging. it may heat up the device and reduce the charging efficiency.do not disassemble, modify or remove 6. the wireless charger & do not apply force or impact to the wireless. informationsmall noise may be heard when a 1. smart phone which does not support wireless charging or any foreign object is placed on the charging pad. this small sound is due to the vehicle displaced on the charging pad. it does not affect the vehicle performance or the smartphone in any way.for certain cellular phones with their 2. own protection, the wireless charging speed may decrease and the wireless changing may stop.when the interior temperature of the 3. wireless charger rises above a set temperature, the wireless charging will cease to charging function. after the interior temperature drops below set threshold, the wireless charging function will resume.when the mobile phone temperature 4. rises above a set cut off threshold, the wireless charging will cease to charging function due to mobile phone stops demand power from wireless charger. after the mobile phone temperature drops below threshold, the wireless charging function will resume. mobile temperature cut off threshold is much lower than wpc temperature cut off threshold. wireless charging will stop when the 5.

vehicle is ignition off.wireless charging will stop when the 6. smartphone is not in complete contact with the wireless charging pad.when charging certain smart phones, 7. the charging full message on head unit may not display when the smart phone is fully charged. it depends on smart phone manufacturer.smartphone of some manufacturers 8. may display messages on weak current. this is due to particular characteristic of smartphone and does not imply a malfunction on wireless charger.smaller smartphone users (ex. iphone 9. 8) may face intermittent charging issues due to its smaller size. (to avoid this, place the smartphone at center of the charging pad). small mobile phones may not be able to charge in every position on charging pad.the wireless charger may not operate 10. correctly when the vehicle is near a tv tower, electric power plant, gas station, large display, airport, or other facilitythat generates strong radio waves or electrical noise. wpc ecu in standby mode the infotainment system displays no warning message/ indication in this mode. this mode represents that the charging function is halted and not functional. the charging function could halt because of below reasons like:phone is not properly aligned with the 1. charging pad or not positioned correctly on pad

wireless charger in standby mode phone is kept in upside down position 2. wireless charger in standby mode phone is fully charged, and phone 3. does not demand power wireless charger in standby mode smart phone charging on mode when the smart phone is placed correctly and the conditions are favorable to perform the function of wireless charging, the infotainment system shows following messages. after popup, the charging symbol stays on until the phone is fully charged. charging mode on – popup charging mode on – all time display

foreign object detection mode the charging gets interrupted/stopped due to metal object placed on the charging pad. the infotainment head unit displays following message. check if there are any foreign objects between the smart phone and the charging pad, please clean if so. smartphone shall be lifted for removing foreign objects and place it back on charging pad. foreign objects not delay in restarting of mobile charging will be observed if foreign objects are removed without lifting smart phone. delay in restarting of mobile charging after removing the foreign objects, if smart phone do not resume charging immediately lift the phone and place on charging pad to start the charging. after removing the foreign objects, in case of foreign objects detection on charging pad; lift the phone & remove the foreign object. place the smart phone again on charging pad to restart the charging. in case of foreign objects detection in case, phone overheat!. remove and keep it after some time in case, phone overheat!. remove foreign object detected – popup

smart phone battery is full/ charging completed the smart phone fully charged status is indicated on the infotainment display screen with following message. this indication depends on phone profile whether it communicate the battery full charge status to wpc system. note when charging certain smart phones, the charging full message on head unit may not display when the cell phone is fully charged. it depends on smart phone manufacturer characteristics/ configurations. charging complete indication – popup charging complete indication – all time display wpc system error mode the error in the wpcf wireless power charger with fan) system may cause the error message to get displayed on the infotainment screen. some of errors that can occur while charging which halt/interrupt charging can be covered with this indication are: wpcf internal fault which lead to permanent failure in charger functionality wpc fan stuck / jam is detected coil failure high temperature of wpc device (70 degree c) memory failure system error mode – popup note if error message is pop up on head unit then avoid charging the smart phone and visit the nearby service station.

storage compartment & tab chiller glow box 1. wallet stowage (near roof lamp) 2. driver side coin box 3. utility pockets on front doors 4. utility pockets on rear doors 5. center console foldable arm rest 7. tailgate compartment 8.

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. glove box illumination (if available) the glove box lamp illuminates when the glove box flap is opened. make sure that glove box flap is closed while driving. stowage detail (if available) following items can be stowed in glove box. owner's manual and other vehicle 1. document holder 2. pen holder 3. visiting card 4. cup holder 5. receipts etc. 6. cooling facility (if available) 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.

wallet stowage (if available) place for keeping wallet is provided above the roof lamp. driver side coin box stowage is provided on right 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. suitable water bottle 1. magazine / paper / books 2. umbrella 3. note remove the water from umbrella and fold it properly before storing it in umbrella holder.

utility pockets on rear doors utility pockets are available on rear doors and it can be used to keep following items. suitable water bottle 1. magazine / paper / books 2. center console option i stowage compartment is provided below the foldable arm rest for keeping cell phones, ipod's, chargers etc. stowage below arm rest tambour door tambour door is provided on center console. to access tambour door, lift arm rest (1). slide the shutter (2) to open and close the stowage area. note use cups, containers, bottles of right size and which have lids. the content could otherwise spill.

option ii following items can be stowed in center console. pen & coin holder 1. cup holder 2. stowage for rear passenger (if available) stowage for the rear passenger is available on rear side of floor console between the front passenger seats. it can be used to keep phone and small items. note applicable for models where rear vents is not provided. foldable arm rest (if available) 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 arm-rest back into the seat. 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. distribute the items of luggage as position heavy loads towards rear seat and load down in the trunk as possible. position heavy loads towards rear do not allow occupants to travel in the luggage compartment. do not allow occupants to travel in 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. do not place anything on luggage hooks (if available) coat hook coat hangers are provided for rear passenger on both grab handles. note the coat hook is not designed to carry heavy objects or luggage items. the coat hook is not designed to do not hang hard, sharp-edged or fragile objects on the coat hook. do not hang hard, sharp-edged or

hook for purse holder hooks for holding purse are provided on both b pillar. collapsible hook collapsible hook is provided for hanging small carry bags etc. do not use these hooks for securing luggage like using nets etc. in the boot. note carrier hook in luggage compartment carrier hook is provided for hanging small carry bags etc. load up to 3 kg is permissible. do not use these hooks for securing luggage like using nets etc.

air distribution the climate control regulates the temperature set in cabin based on user settings and it can be set in temperature settings. air distribution- the air is distributed through the vents in the passenger compartment as shown below:

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) side air vents (front) rear ac vents (if available) rear ac vents are available between two front seats. it can be switched 'on' provided that front ac is switched 'on'. it can be switched 'on/off' by rotating switch. the speed can be increased by rotating the knob towards 'high'.

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 fog • using or air flow modes during demist / defrost. using or air flow modes using normal heating mode. • 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. 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. condensate may drip from the unventilate 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. ventilate the vehicle for a brief period. never cover the air vents or air intake grills in the vehicle interior. never cover the air vents or air intake 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. if the ac is not used for a long period you start the vehicle after a long duration (more than 15 days), follow the procedure for better ac performance: while you start the vehicle after a

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.

col0, control knob position, col2, col3, button position, col5

functions, air flow direction, blower speed, air temperature, fresh / recirculation air mode, ac on / off

normal heating, or, 2nd or 3rd dot, desired temp., fresh air mode, as desired

quick heating, , to max speed and then 2nd or 3rd dot, to the extreme right up to the stop, briefly switch on to fresh air mode then recirculation mode, as desired

normal cooling, or, 1st to 3rd dot, desired temperature, recirculation mode, switched on

quick cooling, or, to max speed and then 2nd or 3rd dot, to the extreme left up to the stop, recirculation mode, switched on

demisting, , 2nd or 3rd dot, desired temperature, fresh air mode (default), switched on (optional)

defrosting, , to max speed, desired temperature, fresh air mode (default), switched on (optional)

fully automatic temperature control (fatc) (if available) fatc system controls the in-cabin temperature of the vehicle automatically and provides maximum passenger convenience regardless of outside weather conditions. option-1 option-2 ac compressor on/off button 1. blower speed control knob 2. maximum defrost button 3. rear window demister button 4. fresh air / recirculation button 5. air distribution (mode) button 6. off mode 7. auto on selection button 8. temperature control knob 9. express cooling knob 10. 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 presses any push button or turns the rotary knob, then the display unit will show the relevant climate information. also, when the display is not in climate mode then climate information will be dis

played on the all-time display available on the top bar.

ac on / off button press the ac on/off button to turn the air conditioning on or off. the ac icon activated on the display when the ac is on. **blower speed control knob** rotate the knob clockwise to increase & anti-clockwise to decrease the blower speed. **max defrost button** this button directs 1. the main airflow to wards windscreen for faster defrosting. (it also overrides any mode selection you may have made). when you turn off the button, the sys 2. tem returns to its former settings. when you turn off the button, the sys 2. note for your safety make sure you have a clear view through all the windows before driving. **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. **fresh air / recirculation button** when the recirculation 1. button or led is switched 'on', air, from the vehicle's interior is sent throughout the system. when the recirculation button is 2. switched to 'off', air from outside enters into the cabin (fresh mode). when ever discomfort is felt, switch to fresh air mode. when the recirculation button is 2. note the outside air intakes for the climate control systems are at the base of wind screen. keep this area clear from leaves and other debris. use recirculation mode for faster heating and cooling. however, keeping the system in recirculation mode – particularly when the ac is in off – can cause fogging of windows.

main automatically controlled. making any manual selection causes the word 'auto' in the display to go off and the override setting is displayed. system will remain in semiautomatic mode till 'auto' is pressed again. **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. turning the knob in the anticlockwise direction reduces temperature. 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 doesn't regulate the interior temperature. **xpress cooling** this helps cabin to reach to comfort temperatures quickly by optimally setting the air conditioning to maximum cooling. also, if required, the driver window will roll down to flush the hot air from inside the cabin. xpress cooling can be turned on/off by xpress cool knob on facc panel or by a soft key from head unit. **functionality** once xpress cooling button is pressed, system optimally calculates if the car is soaked in sun and takes the driver's window roll down to flush out the hot air from cabin. also, air conditioning system will be set to maximum cooling and maximum fanspeed for short duration. once cabin has been sufficiently flushed, the system will announce to take driver window's roll up which can be taken up using window winding switch. driver side window may roll down, if: the cabin temperature is more than • outside temperature. if it is not raining. • vehicle speed is less than 40 kmph • further, after sufficiently cooling the cabin, the xpress cooling function will auto switch off and revert back to customer pre-selected settings. xpress cooling

functionality is used to improve the hvac system performance in case of cabin temperature being considerably greater than outside air temperature. the system will be deactivated automatically after 500 sec of continuous operation.

the xpress cool function can only be turned on if the ambient temperature is above 18 degree celsius. fatc sensors fatc system is fitted with three sensors. (as applicable) solar sensor is on the top of the dash board at the right hand side of the defroster grill. in-car sensor on fatc control panel. • option 1 option 2 outside ambient temperature (oat) sensor located under the front bumper grill.

do not cover or spill any liquid on sensors. do not cover or spill any liquid on do not cover sensor, this may cause the sensor to malfunction. this may lead to fatc not functioning to desired level. do not cover sensor, this may cause

cabin air purification the climate control system is fitted with advance filter for cabin air purification. pollen filter (if available) : the filter takes care of dust particles and other pollutants. pm2.5 combi filter (if available) : this high efficiency filter cleans the pm2.5 particles and harmful gases coming from atmosphere pollution and volatile organic compounds. do not replace the filter as per maintenance schedule. if the vehicle is driven in heavy dusty conditions more frequent filter replacement are required. replace the filter if you find poor ventilation, cooling or demisting. replace the filter as per maintenance air quality index : (if available) climate control system fitted with fatc calculates air quality index (aqi) of cabin using pm2.5 aqi index. fatc system in auto mode automatically sets the blower speed and switches to recirculation air mode to improve aqi inside the cabin. fatc system in auto mode automatic the calculated aqi is displayed on display unit along with severity index. the calculated aqi is displayed on display unit. aqi calculation will be effective after 30 seconds after ignition on and no value will be displayed during this period. aqi calculation will be effective after if the aqi does not improve in some time get the sensor and cabin filter inspected. if the aqi does not improve in some vacuum the dust sensor as per the maintenance schedule. vacuum the dust sensor as per the pm2.5 sensor : (if available) it is fitted inside the dashboard near to the brake pedal. do not vacuum the dust sensor as per the maintenance schedule. vacuum the dust sensor as per the

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. objects, luggage or loads are secured 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.

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 carefully. avoid frequent, sudden acceleration and braking. select appropriate gear according to varying speeds and load conditions. do not rest your foot on the clutch pedal while driving. 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 you could lose control of your vehicle 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.

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. running-in period 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. seat adjustments front seat adjustments (option 1) following seat adjustments can be carried out manually. backrest recliner adjustment lever 1. seat height adjustment lever (if available) 2. seat forward / rearward adjustment 3. lever

warning do not adjust the driver's seat while driving. adjusting the seat while driving could cause the driver to lose control of the vehicle. seat backrest angle adjustment to change the seat back rest angle, lean forward slightly and pull up the lever (1). adjust seat backrest until it reaches desired comfortable position. make sure that lever returns to its original position and seat is securely latched. note adjust the seat backrest until your arms are slightly angled when holding the steering wheel. warning do not travel in a moving vehicle with the seat backrest in an excessively reclined position as this can be dangerous. seat height adjustment (if available) 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. 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. front seat adjustments (option 2) following seat adjustments can be carried out manually. seat backrest recliner adjustment lever 1. seat height adjustment lever (if available) 2. seat ventilation (if available) 3. seat forward / rearward adjustment 4. lever

warning do not adjust the driver's seat while driving. adjusting the seat while driving could cause the driver to lose control of the vehicle. seat backrest angle adjustment lever to change the seat back rest angle, lean forward slightly and pull up the lever (1). adjust seat backrest until it reaches desired comfortable position. make sure that lever returns to its original position and seat is securely latched. note adjust the seat backrest until your arms are slightly angled when holding the steering wheel. warning do not travel in a moving vehicle with the seat backrest in an excessively

reclined position as this can be dangerous. seat height adjustment (if available) 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. seat ventilation to start ventilation, press button (4) once. it's has 3 ventilation adjustment in decreasing order and led glows for each press. to stop the ventilation long press button (4) for few seconds. default setting is highest speed on first press. the ventilated seat by default is set to off whenever the engine start/stop button is turned on. note do not apply excessive force on ventilation button as it may get damaged. button operates with slight finger force as they are electronically controlled. to protect ventilated seats—use the air ventilation seat only when the vehicle hvac system is on. never use liquids like alcohol, high viscosity oils or other to spill on ventilated seats. avoid spillage of liquids on the ventilated seats surface this may lead to blockage of ventilated seat system and may not function properly. do not add seat covers, as it will not allow ventilated seats to function properly. do not keep plastic covers of seat as it is, as it will not allow ventilated seats to function properly. 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. head restraint front seat 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. warning do not drive the vehicle without the seat head restraints. head restraints are intended to help reduce injuries during an accident. front passenger seat 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 adjustment

rear seat folding (60:40 % split) you can increase the luggage capacity by folding the rear seats splits as required. to fold the seat: pull the backrest release knobs up. fold the backrest seat forward. •

fold the backrest seat forward again. move the driver and front passenger seat forward if necessary. pull the backrest release knobs up. fold the backrest seat forward. •

fold the backrest seat forward again. move the driver and front passenger seat forward if necessary. note ensure that 'foldable arm rest' is closed before seat folding. rear seat folding (complete seat 100%) you can increase the trunk capacity by folding the rear seat. for folding: pull the backrest release knob provided on

both side simultaneously. fold the seat backrest forwards. warning you should always engage the rear seat if you do not need the through loading feature. you should always engage the rear if the rear bench seat and seat backrest are not engaged they could fold forwards, e.g. when braking suddenly or in the event of an accident. if the rear bench seat and seat

warning the vehicle occupant would thereby be pushed into the seat belt by the rear bench seat or by the seat back rest. the seat belt can no longer offer the intended level of protection and could even cause injuries. the vehicle occupant would thereby objects or loads in the trunk cannot be restrained by the seat backrest. there is an increased risk of injury. objects or loads in the trunk cannot before every trip, make sure that the seat backrests and the rear bench seat/rear seat are engaged and securely latched. before every trip, make sure that the luggage cover luggage cover is designed only for hiding the luggage compartment. warning do not place anything on luggage cover as it could obstruct driver's rear view. also in case of an accident or sudden braking, it could cause an injury to occupants. 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 available) to reduce glare from the headlights of vehicles behind you. note use antiglare position only when necessary, as it reduces rear view clarity. electric chromic mirror (ec-irvm) (if equipped) the electric rearview mirror automatically controls the glare from the headlamp of the vehicle behind you in nighttime or low light driving conditions. when the engine is running, the glare is automatically controlled by the sensor mounted in the rearview mirror. the sensor detects the light level around the vehicle, and automatically adjusts to control the headlamp glare from vehicles behind you. whenever the shift lever is placed in r (reverse), the mirror will automatically go to the brightest setting in order to improve the driver's view behind the vehicle.

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. 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. motorized orvm adjustment (if available) the switch to adjust the motorized mirrors is located on the driver's door. you can adjust the mirrors when the ignition switch is in the "acc" or "on" position. to adjust the mirrors move the mirror selection switch to l 1. (for left side) and r (for right side) to select the mirror you wish to adjust. use the four positions of the knob to 2. adjust the rear view mirrors to required position.

orvm folding (as applicable) option 1: manual folding orvms can be folded or unfolded manually. this is applicable only for vehicles which are not equipped with motorized folding provision. option 2: auto folding by smart key when you lock the vehicle, orvms will

be folded automatically. when you unlock the vehicle, orvms will be unfolded automatically. in case of 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. option 3: 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. option 4: rear view mirrors with joy stick knob you can adjust the outer rear view mirrors manually by joy stick knob located in the driver's and front passenger's door panel.

sun visors the sun visors can be pulled down to block the glare coming through the wind shield. 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 available)** vanity mirror is provided on the back of the front passenger side sun visor. **electric power assisted steering (epas)** electric power assisted 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: speed sensitive assist control 1. active return control 2. note a click noise may be heard from the epas relay after the ignition switch is turned on or off position. a click noise may be heard from the steering wheel may not unlock normally in some cases when ignition key turned 'on' or iss button pressed. if this happens, turn the steering wheel to the right or left slightly to unlock the steering wheel while turning the ignition key or pressing iss button. the steering wheel may not unlock. contact the nearest tata authorized service center if in case of the above scenarios. contact the nearest tata author

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. **p** the epas warning light does not illuminate. **engine noise** may be heard when the vehicle is driven at low speeds. **engine noise** may be heard when 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. **steering wheel adjustment** you can adjust the steering wheel position to suit your convenience. the release lever is located offset to the steering column. to adjust the steering wheel: adjust the seat to a comfortable position. 1. push "tilt lever" completely down to 2. unlock the steering column. adjust the steering wheel to the desired position. 3. pull release lever up completely to lock 4. the steering column. pull release lever up completely to lock 4. make sure that steering wheel is securely locked by checking up and down direction. make sure that steering wheel is securely locked. 5. 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. you can see all the displays in the 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.

notethe steering effort can suddenly in crease, if the operation of the epas system is stopped to prevent seri ous accidents when it detects mal function of the epas system during self-diagnosis.the steering effort can suddenly inwhen steering for a prolonged pe riod, the steering effort will increase to prevent overheating and damage to the steering system.when steering for a prolonged pes-teering lock and ignition switch (if available) 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 re moved.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 sys tem can be operated, but the engine re mains '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 acces sories will be momentarily 'off'. illuminated key ring (if available) when the vehicle is unlocked, the illumi nated key ring glows. this helps to locate ignition switch in the dark.

starting and stopping (with out peps) manual transmission (mt)
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 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. do not switch off the ignition

while 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. for vehicle equipped with turbo 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. if you switch off the ignition while

gear shifting and driving the gearshift pattern is as shown on the gear lever knob. gear shifting should always be done with clutch pedal pressed. gear recommendation is displayed when the clutch pedal is in fully released position. gear recommendation is displayed if "f" is displayed in display instrument cluster, it means 'fault' condition. contact a tata motors authorized service centre. if "f" is displayed in display instrument cluster, press the clutch fully when gear shifting. the reverse gear should be engaged only when the vehicle is stationary. wait for 5 seconds after declutching to ensure smooth engagement of the reverse gear. press the clutch fully when gear do not press clutch pedal while driving the vehicle or when stationary on a slope. do not press clutch pedal while driving when vehicle is in acc/ign/run mode and user does any door state transition including tailgate and if peps does not detect smart key inside the vehicle when last door including tailgate is closed, then audio warning chime comes on. when vehicle is in acc/ign/run reverse gear for engaging reverse gear, lift the latch and keeping latch lifted, shift to reverse position.

braking your vehicle has power 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 never use the brake pedal as a footrest. never use the brake pedal as a if you rest your foot on the brake pedal while driving, the braking system can overheat. this increases the stopping distance and can even cause the braking system to fail. there is a risk of an accident. if you rest your foot on the brake never press the brake pedal and excessive wear of the brakes. press the accelerator pedal at the same time. warning 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. this may also occur after the vehicle has been washed. brake performance may become poor and unpredictable if brakes are wet. after driving through water or washing the underside of the vehicle, test the brakes while driving at a slow speed to see if they have maintained their normal effectiveness. if the brakes are less effective than normal, dry them by repeatedly applying the brakes while driving slowly until the brakes have regained their normal effectiveness. braking on downhill gradient on long and steep gradients, you must reduce the load on the brakes by shifting early to a lower gear. this allows you to take advantage of the engine braking effect and helps avoid overheating and excessive wear of the brakes. do not shift to lower gear on a slippery road surface in an attempt to increase the engine's braking effect, the drive wheels could lose their grip. do

not shift to lower gear on a slip there is an increased danger of skidding and accidents. there is an increased danger of

automated manual transmission (amt) (if fitted) gear shift lever transmission (amt) gearbox offers a choice of three driving modes: automated mode with the gear lever in 1. position 'a'. manual mode with the gear lever in position 2. sition 'm'. starting engage the parking brake firmly. press 1. brake pedal. put the ignition 'on' 2. while the brake pedal is pressed, bring 3. the shifter lever to neutral - 'n'. check 'n' on instrument cluster. crank to start the engine with the brake pedal still pressed. note if push button is pressed with brake pedal is pressed and gear is in a mode, the vehicle will not start. it will start within 10 seconds if gear shifter is moved from a to n with the brake pedal continuously pressed. "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 'auto' mode will give optimum engine torque and power output. drive the vehicle in 'auto' mode to get max fuel economy. exhaust fan in the engine compartment will remain 'on' for a short while after ign is switched 'off'.

gear shifter 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. always make sure to keep the gear do not shift the lever in "n" position, even momentarily, when the vehicle is in motion. do not shift the lever in "n" position, reverse reverse gear will be engaged only when vehicle is stationary and brake pedal pressed. an audio signal indicates when reverse gear is engaged. will be indicated on instrument cluster. auto mode auto mode will be engaged only when vehicle is stationary and brake pedal pressed. an audio signal indicates when automatic gear is engaged. 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. 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 1st > 2nd > 3rd > 4th > 5th > 6th gear. pull the gearshift lever to the '-' direction and release it. every time the lever is operated, downshifting takes place in the order > 6th 5th > 4th > 3rd > 2nd > 1st 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. 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. note creeping function will not operate when vehicle is in standstill condition on inclined surface. 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. driving with the engine running and brake pedal pressed, depending on your requirement shift the lever on r, d or m. check the position engaged on the instrument cluster display. release the parking brake. 2. release the brake pedal and press the 3. accelerator pedal gently. 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. note if displayed on the instrument cluster display, it means 'fault condition. contact a tata motors authorized service centre immediately. if displayed on the instrument cluster 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. 1. press the brake pedal and shift the 2. gearshift lever to the 'r' position on a downhill slope, or to the auto '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 3. off the engine. before switching off the engine, run the engine in idle condition for at least 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 a quick burst on the accelerator before turning off the engine serves absolutely no practical purpose, it wastes fuel and is damaging especially to turbocharged engine. warning do not switch the engine off when it is running at high speed. this will lead to premature turbocharger bearing wear. note the amt vehicle will shift itself into neutral as a precautionary measure, if the vehicle is stationary and one or both of the front wheels spin on a low friction surface (e.g. snow, mud, soft sand etc). amt symbol will glow in the instrument cluster indicating an intervention from the transmission control unit. following steps need to be carried out sequentially in order to manoeuvre the vehicle in such a situation. shift the gear shift lever to neutral 1. position and switch the ignition off. shift the gear shift lever to neutral

1.press the brake pedal and crank the 2. engine again.press the brake pedal and crank the 2.with the engine running, shift the 3. gear position in auto mode.with the engine running, shift the 3.march the vehicle with low input 4. from the accelerator pedal as this will ensure that the wheels do not spin.march the vehicle with low input 4.driving (mt) climbing sharp gradients on loose surfaces start off smoothly in a suitable gear. accelerate smoothly so that there is no loss of traction by over-revving of the engine. choose as smooth a slope as possible 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 slip page, possibly resulting in toppling over. if unavoidable, choose as mild an angle as possible and keep the vehicle moving. if the wheels start to slip within few feet of the end of the climb, motion can be maintained by swinging the steered wheels left and right, thereby providing increased grip. 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 control of engine compression. descending sharp gradients 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.warningwhen descending on sharp gradients, never turn the ignition key to the 'off' position. emission control system damage may result.notethe engine can only be started when the gearshift lever is in "n" position with the brake pedal firmly pressed.driving (amt) climbing sharp gradients 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. on climbing sharp gradients, never hold the vehicle at a stop using only the accelerator pedal or the creeping function. if you perform this operation for a certain pe riod of time, this can also cause excessive damage to the clutch.warningtry not to hold the brake pedal down too long or too often while going down a steep or long hill.this could cause the brakes to over heat, resulting in reduced braking effi ciency. failure to take this precaution could result in loss of vehicle control.descending sharp gradients depress the brake pedal and shift the gear shift lever to the 'a' position. make sure that the gear position indicator in the in strumental cluster displays '1st' gear. release the brake pedal and depress the accelerator pedal slowly. even if the accel erator pedal is not depressed, the clutch will be engaged when the vehicle speed increases.warningwhen descending on sharp gradients, never turn the ignition key to the 'off' position. emission control system damage may result.

press the clutch pedal and then press 2. the start/stop switch. green colour led on start/stop button 3. will turn on. once engine is started successfully, 4. the green colour led on start/stop but ton stays on. two step start step 1 have the smart key with you and sit on 1. the driver's seat. press the start/stop button without 2. pressing clutch pedal. amber colour led on start/stop switch 3. turns on. engine will remain off and all electri 4. cal equipment and infotainment sys tem can be used. steering is unlocked. step 2 press the clutch pedal and then press 1. start/stop button to start the engine. green colour led on start/stop button 2. will turn on. once engine start successfully, green 3. colour led on start/stop switch will re main on. three step start step 1 have the smart key with you and sit on 1. the driver's seat. press the start/stop button without 2. pressing clutch pedal. amber colour led on start/stop button 3. will turn on. limited information will be displayed 4. on instrument cluster and steering will be unlocked. engine remains off. step 2 press the start/stop button without 1. pressing clutch pedal again. green colour led on start/stop button 2. will turn on. engine will remain off but all electri 3. cal equipment and infotainment sys tem can be used. engine will remain off but all electri 3. step 3 press the clutch pedal and then press 1. start/stop button to start the engine. green colour led on start/stop button 2. will turn on. once the engine is started success 3. fully, 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 with • out 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 pressing any door handle switch and if peps detects that the smart key is left inside the vehicle, an audio warning/ chime is sounded. gear shifting the gearshift pattern is as shown on the gear lever knob. gear shifting should always be done with the clutch pedal fully pressed. note gear recommendation is displayed when the clutch pedal is fully released. gear recommendation is displayed if "f" is displayed in display 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. press the clutch fully when gear 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. use the clutch only to shift gears 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. if all doors are closed when the vehicle is 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. do not rest your hand on the shift reverse gear to engage reverse gear, lift the latch and keeping latch lifted, shift to reverse position.

driving climbing sharp gradients on loose surfaces 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 loses 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 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. 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. do not use the brake pedal as a

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. if you rest your foot on the brake do not press the brake pedal and press the accelerator pedal at the same time. warning if you have driven for a long time in heavy rain without braking, there may be a delayed reaction from the brakes when you brake for the first time. this may also occur after the vehicle has been washed. brake performance may become poor and unpredictable if brakes are wet. 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. 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. there is an increased danger of drive mode selection switch 'eco', 'city' and 'sport' drive modes are provided. these modes can be used to adjust engine characteristics and vehicle performance in line with desired requirement. drive mode selection switch is provided on center console for activation

drive mode, performance

city, increased engine torque and power output for balanced performance

eco, optimum engine torque and power output for fuel efficient performance

sport, driver can use maximum torque from engine.

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. 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. 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. reverse park assist with sensor (if available) reverse park assist system is an electronic parking aid that will assist you to park your vehicle safely when in reverse gear mode. it provides audio and visual information through the vehicle's infotainment system. the reverse park assist system can also be activated manually through infotainment screen. always look out for kids, pets and elderly people behind the vehicle before reversing.

there are ultrasonic sensors placed in on the rear bumper. number of sensors may vary depending on the variant. once the system is activated, the sensors will detect how near the obstacle is from the bumper, and this information is would be displayed on the vehicle's infotainment system. in base variants, only audio 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), visual information, audible information

25 – 40, "all six zones are highlighted (red, green and yellow zones)", continuous beep

41 – 80, bottom four zones are highlighted (yellow and green zones), fast beep

81 – 120, bottom two zones are highlighted (green zones), slow beep

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 1. module failure" sensor malfunction 2. 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 ultrasound technology, due to which performance is not guaranteed in following scenarios: if the object has a sharp edge surface, where surface may divert echoes from sensor reception. if object is mesh fence made up of thin wires, where echoes can't be given by the surface. fast moving objects passes in the sensor's field of detection, where echoes are not processed by the system. if object is made/covered by foam or sponge or snow where ultrasonic sound signals are absorbed. objects close to the rear bumper can go undetected by the reverse park assist's field of detection. driver should use extreme caution while parking the vehicle. if height of the bumper is changed due to alteration to the suspension or other causes. if the sensor areas are extremely hot from direct sunlight or cold due to freezing weather. if the sensor areas are extremely hot if sensors are covered by a hand, sticker, accessory, etc. if sensors are covered by a hand, if ultrasonic noise is present around

vehicle due to other vehicle sensors, horn, engine, air braking system (large vehicles), exhaust fans, wire less transmitters or mobile phones. if ultrasonic noise is present around 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. if the vehicle speed exceeds 10kmph, driving on uneven road surfaces e.g. gravel, unpaved roads, artificial speed breakers, or gradient. driving on uneven road surfaces e.g. poles of square/rectangular cross section might not be detected due to the ultrasonic technology limitation. poles of square/rectangular cross section warning due to any reason, if the sensor gets misaligned or loses its intended fitment

position, contact your dealer for refitment. not 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. do not remove mud, snow on the sensors using stick or hard material. use normal water and soft cloth. general warning in low light conditions, the screen may 1. 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 3. 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 4. up-hill or downhill conditions, do not depend on reverse park assist aid. do not apply any kind of force on the 5. reverse park assist sensors. always use rear view mirrors along 6. with reverse park assist for confirming the safety of the rear and the surrounding conditions.

rear view camera (if available) 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. display screen activation reverse gear this system will start, if reverse gear is engaged, or park assist button (if available) is pressed or manual activation is done through infotainment screen. deactivation system will stop, if reverse gear is disengaged, or park assist button (if available) 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 back wards, the car will hit the obstacle.

do's and don't do not use camera when tailgate is open. if tailgate is open, visual information may not be the actual rear view of the vehicle & system will warn with message 'tail gate open, please close. when the camera is operated under fluorescent lights, sodium light or mercury light etc., illuminated areas on the lens may appear to flicker in the display. do not attach any advertisement or styling or any kind of stickers on top of camera. if this happens, camera can not provide you the visual image and it may damage the camera. do not add any accessory, which will cause blockage to the camera's field of view. cleaning camera due to environmental reasons, dust, 1. mud or fog may accumulate on the camera lens. so regularly clean the camera lens. use water to clean the camera lens. 2. 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. 3. do not use hard cloth or material to 4. 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, 5. 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, 6. while cleaning. do not remove mud, snow on the cam 7. erase 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. the camera uses fish eye lens. so if the tire sizes are changed, the position of the fixed guidelines displayed on the screen may change. if the tire sizes are changed, the poduring 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. during rainy conditions, image may 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 damage of the rear porin case of uneven road conditions or up-hill or downhill conditions, do not in case of uneven road conditions or

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 the distance guidelines will appear to be closer to the vehicle than the actual distance. because of this, objects will appear to be farther away 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 sharp down gradient behind the vehicle

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 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-dimensional 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. note examine contents of the first aid kit

periodically and replenish consumed or expired items. tool kit, tow hook, jack and spare wheel following parts are provided in the bag as a toolkit and kept in the spare wheel. tow hook wheel spanner spanner 8 x 10 jack handle jack. 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.

advance warning triangle an advance warning triangle is kept in the luggage compartment beside spare wheel. use advance warning triangle to warn the approaching traffic in case of vehicle breakdown or during emergency, where your vehicle could become a potential traffic hazard. when you press the hazard warning switch, all turn signal lamps will start to blink. keep the warning triangle at an approximate distance of 50–150 m behind your vehicle in the same lane of traffic. the reflecting side of the triangle should face the oncoming traffic and it should be free from any obstacles. remove the advance warning triangle carefully from the bag and assemble. refer instructions given on the bag. 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 car pet up. after lifting, hold the carpet to access the spare wheel. remove the toolkit bag. to remove the spare wheel, unscrew and remove the retaining bolt. 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. chocks 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 in to "r" (reverse) gear on level ground and while vehicle is in downhill position. when the vehicle is in uphill position, shift the gear in first 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. 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. continued driving with a flat tyre will change 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 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. the jack is designed only to raise 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. use the jack on level, hard ground. before raising the vehicle, secure it from rolling away by applying the parking brake. before raising the vehicle, secure it do not use wooden blocks or similar objects as a jack underlay. do not use wooden blocks or similar do not place your hands and feet or lie under the raised vehicle when it is supported by a jack. do not place your hands and feet or do not run the engine when the vehicle is supported by the jack and never allow passengers to remain in the vehicle. do not run the engine when the vehicle

do not open or close a door or the tailgate when the vehicle is raised. do not open or close a door or the 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 jacking points are indicated on sill cover of the vehicle (refer jacking point location). jack up point location on vehicle jack up point location front jack location rear jack 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 necessary.

lifting the front wheel using jack lifting the rear wheel using jack remove wheel nuts with the help of wheel spanner and take out flat tyre. 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 diagonally in opposite sequence 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. 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. do a check and correct the tyre do not jack the vehicle under rear axle. do not jack the vehicle under rear

puncture repair kit (if available) introduction warning compliance with these instructions is vital to ensure vehicle safety. non compliance with these instructions means risking tire damage, which can affect vehicle handling and lead to loss of vehicle control. this may result in serious injury or death. inform all other users of the vehicle if standard items for dealing with a puncture (e.g.

spare tire) have been replaced by the puncture repair kit. The puncture repair kit seals most tire punctures to restore temporarily mobility. Recommended use only for passenger car ground tires only and vehicle tire inflation pressure up to 300 kPa (3 bar, 43 psi). The system consists of a compressor and a sealant, and serves to effectively and conveniently seal punctures in car tires caused, for example, by nails or similar (6 mm). Depending on the type and extent of tire damage, some tires can only be partially sealed or not sealed at all. Loss of tire pressure can affect vehicle handling, leading to loss of vehicle control. Observe the following rules when using the puncture repair kit: drive with caution and avoid making sudden steering or driving maneuvers, especially if the vehicle is heavily loaded or you are towing a trailer. The system will provide you with an emergency temporary repair, enabling you to continue your journey to the next vehicle or tire dealer, or to drive a maximum distance of 200 km (120 miles). Do not exceed a maximum speed of 80 km/h (50 mph). Keep the puncture repair kit out of the reach of children. These instructions provide a step-by-step explanation of how to use the puncture repair kit to temporarily repair a tire. Please read the section on "how to proceed in the event of a tire puncture". Warning: Do not use the puncture repair kit if the tire has already been damaged as a result of being driven underinflated. Do not try to seal damage other than that located within the visible tread of the tire. Do not try to seal damage to the tire's sidewall. Location in vehicle in luggage compartment.

Puncture repair kit removal process To access the puncture repair kit, open the tailgate. Remove the two velcro as shown in Figure 1 and take out the puncture repair kit. Instructions on how to use the puncture repair kit safely. Use product with original vehicle ground tires only. Only use the puncture repair kit with tubeless tires. If used for other than its intended purpose, the puncture repair kit may cause severe accident or injury due to the fact that compressed air can act as an explosive or propellant. If used for other than its intended purpose, park your vehicle at the roadside so that you do not obstruct the flow of traffic and you are able to use the puncture repair kit without being in danger. Park your vehicle at the roadside so engage the hand brake, even if you have parked on a level road, to ensure that the vehicle will not move. Engage the hand brake, even if you do not attempt to remove foreign objects like nails or screws penetrating the tire. Leave them as they are. Do not attempt to remove foreign objects. Leave the engine running while the puncture repair kit is in use, but not if the vehicle is in an enclosed or poorly ventilated area. Leave the engine running while the puncture repair kit is in use. Never leave the puncture repair kit unattended while in use. Never leave the puncture repair kit unattended while in use. Do not keep the compressor operating for more than 10 minutes otherwise there is a risk of it over-heating. Do not keep the compressor operating. Replace the sealant bottle with a new one before the expiration date is reached (see bottle label). In case that the sealant is expired the functionality cannot be fully guaranteed. Only use original puncture repair kit bottles which are pressure resistant.

step

how to proceed in the event of tyre puncture you can temporarily repair a tire puncture in two steps. first pump the tire sealant and air into the tire (see step 1). immediately thereafter, drive a short distance (3-10 km / 2-6 miles) in order to distribute the sealant in the tire. after that, check the tire pressure and pump more air into the tire if necessary (see step 2). then you can proceed to drive with caution for a maximum distance of 200 km (120 miles) and at a maximum speed of 80 km/h (50 mph). inform all other users of the vehicle that the tire has been temporarily sealed with the puncture repair kit and make them aware of the special driving conditions to be observed. **warning:** need to drain fluid from tire before repair. **step 1:** pumping the tyre sealant and air into the tyre. peel off the decal denoting the maximum permissible speed (80 km/h | 50 mph) from the casing and attach it to the edge of the windscreen as shown on the picture. take the hose and power plug with 2. cable out of the puncture repair kit casing. unscrew the orange cap of the bottle connector. unscrew the red cap of the sealant 3. bottle. (shake sealant bottle well before use. **warning:** leave the bottle seal intact. screwing the bottle onto the bottle holder will pierce the seal of the bottle. avoid skin contact with the sealant which contains natural rubber latex. do not open pressure "air release" valve. please use protective glove for safety purpose. screw the bottle clockwise firmly 4. against the slight resistance of the notches onto the sealing gasket of the bottle connector until it is screwed tight. remove the valve cap from the dam 5. aged tire. pull the protective cap off the end of the hose and screw the hose firmly onto the valve of the damaged tire. make sure that the compressor switch is switched to "0" and the pressure "air release" valve is closed. insert power plug into the 12 volt 6. power socket connection. start the engine (only if the vehicle is 7. outdoors or in a well ventilated area). **warning:** asphyxiation may occur if the engine is allowed to run in a non-ventilated or poorly ventilated area (e.g. inside a building). press compressor switch to "i". 8. note

check the sidewall of the tire prior to inflation. if there are any cracks, bumps or similar damage, do not attempt to inflate the tire. do not stand directly beside the tire while the compressor is pumping. watch the sidewall of the tire. if any cracks, bumps or similar damage appear, turn off the compressor and let the air out by means of the pressure "air release" valve. in this case, do not continue to use the tire. **note:** when pumping in the sealant through the tire valve, the pressure may rise up to 500 kpa (5 bar, 73 psi) but will drop again after about 30 seconds. inflate the tire within about 10 minutes 9. to an inflation pressure of minimum 180 kpa, (1.8 bar, and 26 psi) and a maximum of 300 kpa (3 bar, 43 psi). inflate the tire within about 10 minutes 9. switch off the compressor briefly in 10. order to read the actual tire pressure from the pressure gauge. **warning:** if heavy vibrations, unsteady steering behavior or noises should occur while driving, reduce your speed and drive with caution to a place where it is safe for

you to stop the vehicle. recheck the tire and its pressure. if the tire pressure is less than 130 kpa (1.3 bar, 19 psi) or if there are any visible cracks, bumps or similar damage on the side wall, do not continue to use the tire!11, 12. once a tire inflation pressure of at least 180 kpa (1.8 bar, 26 psi) has been reached. switch the compressor to "0". •pull the power plug from the 12 volt power socket connection.slowly unscrew the hose from the tire valve (sealant residues may escape from the hose) and put the protective cap back onto the hose. leave the bottle in the holder. this avoids unexpected leakage of sealant residue.make sure the puncture repair kit, the • cap of the bottle and the orange cap are stored safely, but are still easily accessible, in the vehicle. the kit will be needed again when you check the tire pressure. 13, 14. immediately start and drive for about 3–10 km (2–6 miles) so that the sealant can seal the damaged area. do not drive for more than 10 min and not any faster than 80 km/h (50 mph) (observe the decal indicating the permissible speed).

warningif heavy vibrations, unsteady steering behavior or noises should occur while driving, reduce your speed and drive with caution to a place where it is safe for you to stop the vehicle. recheck the tire and its pressure. if the tire pressure is less than 130 kpa (1.3 bar, 19 psi) or if there are any visible cracks, bumps or similar damage on the side wall, do not continue to use the tire!step 2 checking the tyre pressure 15. stop the vehicle after driving about 3–10 km (2–6 miles). check and, where necessary, adjust the pressure of the damaged tire. remove the protective cap from the end of the hose. screw the hose firmly onto the valve of the damaged tire. 16. read the tire pressure from the pressure gauge. if the pressure of the sealant-filled tire is 130 kpa (1.3 bar, 19 psi) or more, it must now be adjusted to the pressure specified for your vehicle (refer sticker on vehicle).warningif the tire check shows that the pressure of the sealant-filled tire is less than 130 kpa (1.3 bar, 19 psi) or if there are any visible cracks, bumps or similar tire damage on the side wall, you must not continue to use that tire.make sure that the compressor switch is switched off to "0".insert the power plug into the 12 volt power socket connection.start the engine (only if the vehicle is outdoors or in a well ventilated area).warningasphyxiation may occur if the engine is allowed to run in a non-ventilated or poorly ventilated area (e.g. inside a building)17,18. switch the compressor on to "i" and pump the tire up to the specified tire pressure within max. 10 minutes.notecompressor unit we can use for filling the air & checking the pressure of the normal tyre.switch the compressor off and check the tire pressure again. if tire pressure is too high, deflate the tire to the specified pressure using the pressure "air release" valve.switch the compressor off and checkrest of the remaining sealant in the hose might leak out when opening pressure "air release" valve or taking off the protective cap of the hose. please use protective glove for safety purpose.rest of the remaining sealant in theonce you have inflated the tire to its correct tire pressure, switch off the compressor, pull the plug out of the socket, unscrew the hose, fasten the tire valve cap and put

back on the prounce you have inflated the tire to its

protective cap of the hose. leave the bottle in the holder and store the puncture repair kit away safely in the vehicle trunk. warning after using the sealant you may drive no faster than 80 km/h (50 mph), and the damaged tire must be replaced as quickly as possible (within a maximum driving distance of 200 km (120 miles)). you must not continue to drive if heavy vibrations, unsteady steering behavior or noises should occur while driving. 19, 20. drive to the nearest workshop to get the damaged tyre repaired and if the tyre repair is not possible, tyre should be removed from the car. before the tire is removed from the rim, inform your tire dealer that the tire contains sealant. sealant deposits in a used hose may impair proper function of the puncture repair kit. both the sealant bottle and the hose need to be replaced together after using the puncture repair kit. note remember that emergency roadside tire repair kits only provide temporary mobility. regulation concerning tire repair after usage of puncture repair kit may differ from country to country. you should consult a tire specialist for advice. warning before driving, ensure tire is adjusted to recommended inflation pressure as indicated on vehicle placard. monitor tire pressure until sealed tire is replaced. proceed as described above from point 15 onwards. new sealant and replacement parts can be purchased from your authorized repair shop or dealer. sealant bottles can be disposed with household waste. 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.

(for diesel & petrol) 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 connect the jump lead. 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. do not allow battery electrolyte to escape during charging and jump-starting, explosive gases can escape from during charging and jump-starting,

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. towing when towing a breakdown 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 breakdown vehicle could result in an unsafe operating condition. to correctly tow and prevent accidental damage to your vehicle, take help of a tata motors authorized dealer or a commercial tow-truck service. note make sure that the parking brake is released; vehicle is in neutral and steering wheel is unlocked. the power steering functions only when engine is running. hence, during towing the steering efforts will be more. warning do not get under your vehicle after it has been lifted by a tow truck. do not get under your vehicle after for towing a vehicle, the best way is to use a wrecker. alternatively use a rigid tow bar. for towing a vehicle, the best way is switch 'on' the hazard warning indicators of both the vehicles to warn other road users. switch 'on' the hazard warning in 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. when towing, pull away slowly and 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 breakdown, we recommend that your vehicle be towed with the driving wheels off the ground or place the vehicle on a flatbed truck as shown. warning do not tow your vehicle with the front wheels on the ground or four wheels on the ground (forward or backward), as this may cause serious damage to the transmission. do not tow your vehicle with the 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. When towing with the rear wheels

fuses your vehicle has fuse boxes at three locations. The vehicle's electrical circuits have fuses to protect the wiring from short circuits or sustained overload. battery mounted fuse box. 1. engine compartment fuse box. 2. cabin compartment fuse box. 3. 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. 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

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. if you manipulate or bridge a faulty always replace faulty fuses with the specified new fuses having the correct amperage. always replace faulty fuses with the

fuse no., function, fuse rating

f01, starter motor, 200a

fuse no., function, fuse rating

f01, starter motor, 200a

cabin compartment fuse box cover removal procedure fuse box is located inside the cover below steering column. to access the fuse box, remove cover as per procedure given below. fuse box cover is mounted on dash 1. board with the help of lugs at the top and bottom of the cover from inside. to remove the cover, gently pull the 2. cover from upper side that the lugs get disengaged. to remove the cover, gently pull the 2. re-fitment procedure align bottom lugs and push upper part with respective slots on dash board and press the cover firmly. cabin compartment fuse box fuses – cabin

compartment	fuse	no.	function	fuse rating	rating	bcm	20a	acc b+ ve / obd	15a	pwr skt	rr	15a	bcm	20a	bcm	20a	blower	30a
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fuse no.	function	fuse rating
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1	bcm	20a
---	-----	-----

2	acc b+ ve / obd	15a
---	-----------------	-----

3	pwr skt rr	15a
---	------------	-----

4	bcm	20a
---	-----	-----

5	bcm	20a
---	-----	-----

6	blower	30a
---	--------	-----

sn.	description	rating	type	qty.
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1	high beam + low beam	"12v, 55w"	h7	4
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2	turn signal front (option i)	led	led module	2
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3	turn signal front (option ii)	"12v, 21w"	wy21w	2
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4	turn signal rear	"12v, 21w"	wy21w	2
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5	fog lamp front (if applicable)	"12v, 19w"	h16	2
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6	stop lamp	led	led module	2
---	-----------	-----	------------	---

7	position lamp front	led	led module	2
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8	position lamp rear	led	led module	2
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9	reverse lamp	"12v, 10w"	r10w	2
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10	rear registration plate lamp	led	led module	2
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11	side repeater lamp- on orvm	led	led module	2
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12	roof lamp	led	led module	1
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13	high mounted stop lamp	led	led module	1
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14	rear boot lamp	"12v, 5w"	w5w	1
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15	glove box lamp	"12v, 5w"	w5w	1
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16	drl	led	led module	2
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24 x 7 road 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 break down assistance including towing to the nearest tata motors authorized work shop through their authorized service providers (asp). the 24x7 on road 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.

sistance program, col1

within city limits, 60 minutes

on state or national highways, 90 minutes

ghat roads and other places, 120 minutes +/-

rectification of electrical problems related to battery, fuses etc. on spot repairs for complaints repairable at site. ^vehicle to vehicle towing or winching & g 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 to the asp in cash. (any ferry or toll charges levied in relation to the vehicle being towed to be paid by the customers in actuals in cash). for accident cases, towing charges to be borne by the customer. ii. the 24x7 on road assistance 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. exclusions 24 x 7 on road assistance program does not apply to cost of parts consumables and labor for such repairs not covered under warranty*. these charges are to be settled with asp in cash. toll or ferry charges paid by asp in reaching to the breakdown site to be settled with asp in actuals in cash. cases involving accident, fire, theft, vandalism, riots, lightening, earth-quake, windstorm, hail, tsunami, unusual weather conditions, other acts of god, flood, etc. vehicles that are unattended, un-registered, impounded or abandoned. breakdown/ defects caused by misuse, abuse, negligence, alterations or modifications made to the vehicle. lack of maintenance as per the maintenance schedule as detailed in the owner's manual. cases involving racing, rallies, vehicle testing or practice for such events. disclaimer the service is not available in lakshadweep. **the reach time is indicative & the actual reach time will be conveyed by the call center at the time of breakdown call. the reach time can vary depending on the traffic density & time of the day. the reach time indicated does not account for delays due to but not limited to acts of god, laws, rules & regulations for time being in force,

orders of statutory or govt. authorities, industrial disputes, inclement weather, heavy down pour, floods, storms, natural calamities, road blocks due to accidents, general strife and law & order conditions viz. fire, arson, riots, strikes, terrorist attacks, war etc.^ on spot repairs at breakdown site shall depend on nature of complaints & will be as per the discretion of the asp.* the decision for free of charge repairs will be as per the warranty policy & procedures of tata motors pas

senger vehicles 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 liabilitiesit 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 breakages of parts/fittings of the vehicle at the time of asp taking possession of the vehicle & to verify these items when delivery is taken back by them, claim for loss of or damage to items, if any should be taken up with asp directly. tata motors shall not be responsible for any such claims, damages/loss or any deficiency of service of the asp.edgment from the asp for the list of accessories/extra fittings and other belongings in the vehicle as well as the current condition related to 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.vehicles will be handled, repaired & 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 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.on site repairs may be temporary in

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 & topping up battery electrolyte level tyre inflation pressure including spare wheel

not 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. be careful not to touch a hot engine, do not work on a vehicle with the engine running in an enclosed space, unless you are sure of enough ventilation. do not work on a vehicle with the keep all open flames and other burning material (such as cigarettes) away from the battery and all fuel related parts. keep all open flames and other if you need to do any work inside the engine compartment, switch off the ignition

- if you need to do any work inside the engine compartment, never reach into the area where there is a risk of danger from moving components, such as the fan rotation area. never reach into the area where

keep clothing away from moving parts. keep clothing away from moving

engine compartment engine compartment - diesel

- | | |
|---------------------------------|-------------------------------------|
| 1. brake fluid reservoir cap | 2. engine oil filling cap |
| 3. dip stick engine oil | |
| 4. fuse and relay box container | 5. windshield washer auxiliary tank |
| 6. battery | 7. coolant |

engine compartment - petrol with amt

- | | |
|--------------------------------|--------------------------------|
| 1. air filter | 2. dip stick - engine oil |
| 3. brake fluid reservoir | |
| 4. engine oil filling cap | 5. ems ecu |
| 6. amt oil reservoir (for amt) | 7. windshield washer container |
| 8. fuse & relay box | |
| 9. battery | 10. coolant auxiliary tank |

engine oil level dipstick location engine oil (diesel) 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. note the oil consumption depends upon the driving style and the conditions under which the vehicle is used.

petrol diesel

note do not remove the filler cap when the engine is running. do not remove the filler cap when do not add oil above than the max. mark. oil level above the max. mark may cause engine damage. note for location of engine oil filling cap and dip stick, please refer image of the respective engine compartment.

brake fluid level brake fluid level (petrol) brake fluid level (diesel)

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. 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. do not allow brake fluid to splash or for location of brake fluid container and filling cap, please refer respective engine compartment.

engine coolant level engine coolant level (petrol) engine coolant level (diesel) check 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 up to 'max' level. note in case of emergency, a large amount of water without engine coolant may be added in order to reach a vehicle service location. whenever coolant has been added, the coolant level in the coolant reservoir should be checked the next few times you drive the vehicle to confirm correct level. for location of engine coolant container and filler cap, please refer image of engine compartment. note topping up of the coolant should be done in the auxiliary tank only. make sure that only tata motors recommended coolant is used. mixing of different coolants may harm your engine's cooling system and its components. do not add extra inhibitors or additives to the coolant. these can be harmful and compromise the corrosion protection of the engine coolant. 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.

windshield washer fluid level windshield washer fluid level (petrol) windshield washer fluid level (diesel) examine if there is washer fluid in the tank. fill it if necessary. use a good quality windshield washer fluid, diluted with water as necessary. note do not use detergent or any other additive in the windshield washer reservoir. this can severely impair visibility when sprayed on the windshield, and can also damage your vehicle's paint. do not operate washer motor with no fluid in washer tank, washer motor will be damaged for location of windshield washer container and filling cap, please refer image of the respective engine compartment. battery examine the battery for electrolyte level against the marking on the battery outer case. examine the battery terminals for corrosion (a white or yellowish powder). to remove it, wash the terminals with a solution of baking soda. it will bubble up and turn brown. when this stops, wash it off with plain water. dry off the battery with a cloth or paper towel. apply petroleum jelly to the terminals to prevent further corrosion. use a proper wrench to loosen and remove cables from the terminals. always disconnect the negative (-ve) cable first and reconnect it last. if your vehicle is equipped with battery sensor, then disconnect only the sensor output cable. do not remove the sensor, sensor connector completely as this will result into sensor function loss temporarily. sensor functionality will be restored when the vehicle is

parked for 3-4 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 below battery sensor image for do's and don'ts. battery (petrol & diesel) for location of battery, please refer image of the respective engine compartment. battery (petrol) battery (diesel)

note use only authorized battery recommended by tata motors. use of any other unauthorized battery will result into intelligent alternator control (iac) function deterioration. note authorized battery: for petrol • authorized battery: 47ah- enhanced flooded battery to be replaced with enhanced flooded battery (47ah) of the respective supplier only. for diesel • 47ah- enhanced flooded battery to be replaced with enhanced flooded battery (47ah) of the respective supplier only. 52ah- enhanced flooded battery to be replaced with enhanced flooded battery (52ah) of the respective supplier only. 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. during normal operation, the battery keep all sparks, open flames and smoking materials away from the battery. keep all sparks, open flames and 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. the battery contains sulphuric acid spark plug (petrol) spark plug number gap bosch yr5me0 0.7 to 0.8 mm tightening torque - 15 - 25 nm note use spark plug of recommended make & type for replacement.

spark plug, number, gap

bosch, yr5me0, 0.7 to 0.8 mm

tyre tyre pressure sticker location under inflation excessive side tread wear under inflated tyres reduce comfort, affects handling and increases the operating tread wear correct tyre correct tyre pressure uniform wear over inflation excessive center tread wear tread wear note 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. 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.

tyre size, front, rear, spare

215 / 60 R16, 30 psi / 2.07 bar, 30 psi / 2.07 bar, 30 psi / 2.07 bar

195 / 60 R16, 32 psi / 2.20 bar, 32 psi / 2.20 bar, 32 psi / 2.20 bar

1, under inflation, excessive side tread wear

2, correct tyre pressure, uniform wear

3, over inflation, excessive center tread wear

tyre rotation to increase tyre life rotate the tyre at specified intervals or earlier depending on the operation of vehicle. the illustrations show how to rotate tyres. for 195/60 R16 for 215/60 R16 tyre with smaller size temporary tyre equipped do not use spare wheel for tyre rotation, in case of temporary spare wheel used. do not use spare wheel for tyre rotation. 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. tyre pressure of temporary wheel is

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. special care for tubeless tyres when you remove the tyre and install 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 pressure. over-inflation, in particular, may cause puncture or bursting of tyre. note life and wear pattern of tyres depends on various parameters like tyre pressure, wheel alignment, wheel balancing, tyre rotation, etc. it also largely depends on vehicle speed, load carried, usage, driving habits, road conditions, tyre quality, etc. in case fault is suspected to be due to poor quality of tyres, the same may be taken up with concerned tyre manufacturer.

smart key battery replacement (for peps variant) procedure open rear side of key (battery cover). 1.replace with new battery in the smart 2. key battery slot.ensure that the "+" symbol on the battery is facing upwards. the correct polarity is shown on the battery cover. 3. close the battery cover. 4.make sure that the key cover is intact 5. properly.noteuse cr 2032 battery only.an inappropriately disposed battery can be harmful to the environment and human health. dispose the battery according to your local law(s) and regulation.on board diagnostic (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. on board diagnostic located in engine compartment fuse box. (refer below image)

location of on board diagnostic (obd ii)

service instructions the tata nexon 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 1000-2000 kms. or 2 months, whichever is earlier. 2nd free service - at 7000-8000 kms. or 6 months, whichever is earlier. 3rd free service - at 14500-15500 kms. 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).

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:park the vehicle in covered, dry and if possible well-ventilated premises. engage a gear.remove the battery terminal cables 2. (first remove the cable from the negative terminal). ensure that battery is fully charged.use wheel chocks to prevent move 3. movement of the car.clean and protect the painted parts 4. using protective wax.clean and protect the shiny metal 5. parts using commercially available special compounds.sprinkle talcum powder on the rubber 6. windscreen wiper and lift them off the glass. slightly open the windows. 7.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. cover the vehicle with a cloth or perfo 8. inflate the tyres to 0.5 bar above the 9. normal specified pressure and check it at regular intervals. inflate the tyres to 0.5 bar above the 9. check the battery charge every six 10. weeks. check the battery charge every six 10. do not drain the engine cooling sys 11. tem. do not drain the engine cooling sys 11. park regeneration procedure warning park regeneration should be done only when dpf lamp appears on instrument cluster ensure the vehicle parked in open area & on flat road (avoid parking in enclosed space/ near grass/ inflammable material) ensure adequate fuel availability ensure parking brake engagement open the bonnet to prevent engine overheat switch off the a/c

caution ensure following conditions for performing park regeneration engine should be warmed up to operating temperature level (coolant temperature gauge should be at centre of c & h) accelerator/ brake/ clutch pedal should not be pressed during the procedure accelerator/ brake/ clutch pedal vehicle should be stationary • 'if vehicle does not enter regeneration mode or if park regeneration is interrupted, stop the engine (key off), wait for 20 seconds and repeat the park regeneration procedure' park regeneration process: stop the engine and wait for 20 sec 1. provide ignition toggle (push button/ 2. key position on → off) for 6 times within 20 seconds start the engine 3. monitor engine state: within 10 sec 4. onds, engine speed raises to 1600 rpm & further up to 2000 & 2500 rpm as the regeneration progresses. after the end of regeneration, engine speed drops to 1200 rpm and to idle after 1 minute. the process takes ~30-40 minutes to finish. stop the engine and wait for 20 sec 5. onds check dpf lamp status on instrument 6. cluster (on/ off) if the dpf lamp does not turn off in 7. spite of the procedure, visit authorized tata motors dealer

parameter, unit, bs vi

cetane number (min), cn, 51

sulphur content, mg/kg, 10

lubricity (hfrr), micron, 460

item, specification, company, brand, qty.

refrigerant, r-134a, —, —, 500±20 gms

compressor oil, sp10, sandan vikas, sp10, 120±15 cc

sunroof grease,multemp 2c194,—,—,as required

vehicle dimensions note: dimensions are in mm unladen condition

aggregate identification numbers chassis no. punching near
driver seatvin plate below driver seat transaxle no. punchingengine
no. plate – diesel 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.always wash your vehicle in shade 1. and the surface is at room temperature.wash with mild vehicle wash soap like 2. 'car shampoo' and use a soft bristle brush, sponge or soft cloth and rinse it frequently while washing to avoid scratches.to avoid scratches, please wear soft 3. gloves. remove finger rings, nails, wrist watch while washing.to remove stubborn stains and con 4. taminants like tar, use turpentine orcleaners like 'stain remover' which are safe for paint surfaces.avoid substances like petrol, diesel, 5. kerosene, benzene, thinner, acids or other solvents that cause damage to paint.dry your vehicle thoroughly to prevent 6. any damp spots.rinse all surfaces thoroughly to pre 7. vent any traces of soap and other cleaners as this may lead to the formation of stains on the painted surface later.during washing of the vehicle, do not 8. 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.noteavoid 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 windshield areas, to avoid water stagnation.avoid parking the car under treesalways close the sunroof while washing the vehicle.always close the sunroof while

warningdo not direct high pressure washer fluid/ water jets (pressure above 0.5 bar) at electrical devices and connector during washing. this is to prevent mal function / 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 car pet 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.noteavoid 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 and polishing is recommended to maintain the gloss and wet-look appearance of your paint finish. use good quality polish and wax for 1. your vehicle. re-wax your vehicle when the water 2. 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 stains should be treated immediately. 1. if left for a long time, they can leave a permanent mark. cleaning the stains immediately is important especially for stains, which contain artificial colors in the staining liquid or semisolid substance. the colorant may leave a stain if kept for longer time. 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. if the stain has dried, then gently brush 4. off the material and then press with

damp cloth or sponge till it disappears. do not use household detergents to 5. clean the fabric. always use clean cotton cloth for 6. 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. note we strongly recommend to avoid applying any external coating solution on vehicle glazing / glasses, especially on front & rear windscreen glass. this may affect the wiper performance & lead to poor visibility while using wipers in wet condition/rainy season.

fast tag fast tag is pasted on front windshield from the inside. it enables electronic toll collection. do not attempt to rip or tamper the tag. it will disable the functionality of the tag.

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, promise to protect (p2p) and protect plus plan as per the requirement & usage to ensure hassle free, reliable & economic maintenance of the vehicle. coverage – schedule service and wear & tear. advantage (customer benefits) price protection against rising prices of lubes and parts. • a higher resale value for your vehicle. • peace of mind with cashless repairs & services. • vehicle servicing at a workshop of your choice pan india. • covers repairs including wear & tear parts viz. brakes, suspension, wiper, clutch, brake pads, brake liners etc. • covers scheduled maintenance services including lubricants, parts, wheel alignment and balancing labour. • available at unmatched value... huge savings!!! • savings on goods & services tax whenever vehicle attend under amc. •

available offers (types of amc) silver amc • gold amc • promise to protect (p2p) • protect plus • silver amc value care silver plan covers the following: scheduled maintenance services at periodic interval of km for labor, parts & consumables. • change of oil filter, fuel filter, air filter & sediment. 1. change of engine oil, transmission oil (if applicable), and power steering oil*. 2. change of coolant, brake oil & clutch fluid*. 3. general checkup, wheel alignment / balancing (excluding balancing weight). 4. washing of vehicle, wheel greasing as applicable. 5. gold amc the value care gold plan extends your scheduled maintenance cover to include any normal wear and tear items identified during the scheduled service and other vehicle parts that need to replace during the period of cover arising from proper and uniform usage. scheduled maintenance services at periodic interval of km for labor, parts & consumables. • in addition to coverage mentioned under silver amc, the gold amc also covers repairs or replacement of wear & tear items for both parts & labour.

brake pads, brake liners, wheel cylinders. 1. clutch disc, clutch cover, cables, mountings. 2. suspension bush, wiper blades, auxiliary belt & other wear & tear items. 3. washing of vehicle, wheel greasing as applicable. 4. promise to protect (p2p) value care – promise to protect (p2p) is a maintenance plan that guarantees protection against unexpected wear & tear repairs to provide substantial saving through protection against inflation & price volatility during the running of the vehicle. new vehicle (under warranty vehicles) are eligible to avail this offer – identified 13 wear & tear parts listed below including labour is covered in this amc with the price range of 11 to 14 paisa per km. *applicable to selected models* list of covered parts clutch, brake pad, brake linings, brake disc, wiper, wheel cylinder,

suspension bushes, engine mountings, ball joints, hoses, auxiliary belt, (alternator & a/c belt), window winder. protect plus the value care protect plus plan extends your scheduled maintenance cover to include coverage of p2p. it covers scheduled main tenance services – labour, parts & consumables + identified 13 wear & tear parts of p2p plan including labour. new vehicle (under warranty vehicles) are eligible to avail this offer. *applicable to selected models*

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. p2p & protect plus offer valid on selected models & may vary from model to model, variant to variant. please read the offer ebooklet for further details about coverage and exclusions of various amcs. owner's responsibility proper use, maintenance and care of the vehicle in accordance with the instructions contained in the owner's manual and service • booklet. the records of the same to be ensured in owner's manual. retention of maintenance service bills. • i / we have been explained the terms and conditions, coverage and owner's responsibility by the dealer service marketing executive. i wish to avail / do not wish to avail extended warrant policy. customer's signature dealer's signature

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 24 + 12 months or 75,000 kms whichever occurs first or 24 + 24 months or 1,00,000 kms whichever occurs first or 24 + 36 months or 1,25,000 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 until warranty period from date of purchase of vehicle. the dealer service marketing executive shall explain to you the terms and conditions, coverage and owner's responsibility. note the 12 or 24 or 36 months extended warranty does not follow the 24 months manufacturer's warranty. • the extended warranty comes into force once the manufacturer's warranty expires e.g. after 24 months. • it is more restrictive as by the time it comes into force the vehicle is already 24 months old. •

what is covered? mechanical / electrical break down as defined in this warranty and confirmed by the dealer within the stipulated terms and conditions. tata motors dealer shall either repair or replace any part found to be defective with a new part or an equivalent at no cost to • the owner for parts or labour. such defective parts which have been replaced will become property of tata motors passenger vehicle limited. • comprehensive list of

parts covered is mentioned in the page 9-12 of the extended warranty booklet. • what is not covered? please refer the extended warranty booklet for details of the exclusion list. 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 & 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 you can prolong the life. • it is very dangerous to drive around in a corroded vehicle. • the corrosion creeps onto the vehicle from the inside and from the outside. 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.) insulate cabin space from external noises. expensive tin work and denting / painting 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 ltd & 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 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: destroy 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, 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 & all exterior plastic moldings/trim. • 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.

vehicle interior enrichment why protect your new car's fabric interior? someone will spoil 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 pets – traffic 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 (inside and outside). • dressing of all internal plastics (e.g.: door pad trim) 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.
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dealer's signature

vehicle warranty: terms and conditions we warrant each tata nexon vehicle and parts thereof manufactured by us to be free from defect in material and workmanship subject to the following terms and conditions: this warranty shall be for a period of 2 years from the date 1. of sale of the car or a mileage of 75,000 kms whichever occurs earlier. our obligation under this warranty shall be limited to repairing 2. 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. any part which is found to be defective and is replaced by us 3. under the warranty shall be our property. as for such parts as tyres, batteries, audio and / or video 4. 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. this warranty shall not apply if the car or any part thereof is 5. 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. this warranty shall not apply to the replacement of nor 6. mal wear parts, including without limitation, drive belts, hoses, wiper blades, fuses, clutch disc, brake shoes, brake pads, cables and all rubber parts (except oil seal and glass run). this warranty shall not cover any inherent normal deterioration 7. tion 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. this warranty shall not apply to normal maintenance services 8. like oils & fluid changes, head lamps focusing, fastener retightening, center hub cap/wheel cover. wheel balancing and alignment, tyre rotation, adjustment of valve clearance, fuel timing, ignition timing and consumables like bulbs, fuel, air & oil filters and gas leaks in case of air conditioned cars. this warranty shall not apply to any damage or deterioration 9. caused by environmental pollution or bird droppings. slight ir

regularities 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. this warranty shall be null and void if the car is subjected to 10. 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. this warranty is expressly in lieu of all warranties, whether by 11. 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. the buyer shall have no other rights except those set out 12. 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. any claim arising from this warranty shall be recognized only 13. 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. this warranty is fully transferable to subsequent vehicle 14. owner. only unexpired remaining period of warranty applies. we reserve our rights to make any change or modification in 15. 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.

environmental 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 up or stopping and starting. it is not necessary to rev up the engine before turning it off as it unnecessarily burns the 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.

while carrying out servicing or repairs of your vehicle, you should pay keen attention to some of the important engine aggregates and wiring harness which greatly affect emission. these components are: for diesel: fuel injection equipment- pump, rail, 1. injectors, nozzles and high-pressure pipes. air intake & exhaust system, especially for leakages. cylinder head for valve leakage. 3. all filters such as air, oil and fuel filters 4. (check periodically). turbocharger. 5. egr valve & cooler 6. intake throttle 7. electrical connections. 8. if the 'check engine lamp', 'mil' or 9. 'dpf' lamp continuously glows, please take the vehicle to a tata motors authorized dealer/service center. catalytic converter. (lnt - lean nox 10. trap & dpf for diesel) ems wiring harness i.e. electrical connections to all sensors and actuators. for petrol: engine management system (ems) 1. ecu • ems sensors & corresponding wiring harness electrical connections to all sensors & actuators fuel injection system 2. fuel pump • fuel filter • fuel injectors • air intake system 3. air filter & connecting pipes • exhaust after treatment system 4. catalytic

converter • ignition system 5. 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.