

EMERGENCY AND BREAKDOWN ASSISTANCE

Towing

When towing a break down vehicle, certain precautions and procedures must be taken to prevent damage to the vehicle and/or components. Failure to use standard towing precautionary measures when lifting or towing a break down vehicle could result in an unsafe operating condition.

To ensure proper towing and to 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 in neutral gear position and steering wheel is unlocked. The power steering functions only when engine is running. Hence, during towing the steering efforts will be more.

WARNING

- Never get under your vehicle after it has been lifted by a tow truck.
- For towing a vehicle, the best way is to use a wrecker. Alternatively use a rigid tow bar.
- Switch 'ON' the hazard warning indicators of both the vehicles to warn other road users.
- Limit the speed to 20-30 kmph.
- In case of brake failure, use the parking brake to control the vehicle.
- Fasten the tow rope or tow bar at the towing eyes. Otherwise, the vehicle could be damaged.
- When towing, pull away slowly and smoothly. If the tractive power is too high, the vehicles could be damaged.

Tow hook fitment

- Open the tailgate and remove tow hook from the tool kit.
- Open the tow hook cover provided on the front bumper by pressing it at the bottom part and simultaneously pulling it at the top (as shown in fig). Screw in and tighten the tow hook in clockwise direction.
- After towing, remove the towing hook and press fit the cover properly.
- Place the towing hook in the vehicle tool kit.



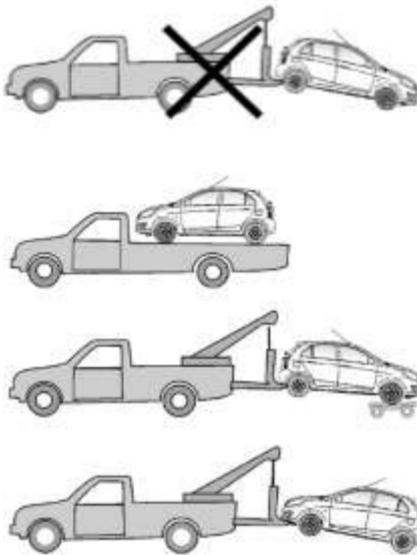
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Recommended towing

In case of break down we recommend that your vehicle be towed with the driving wheels off the ground or place the vehicle on a flatbed truck as shown.

WARNING

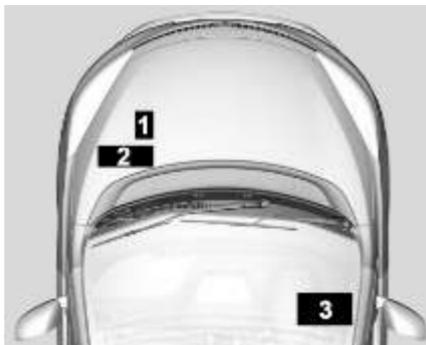
- Never tow your vehicle with the front wheels on the ground or four wheels on the ground (forward or backward), as this may cause serious damage to the transmission.
- When towing with the rear wheels on the ground or on towing dollies, place the ignition switch in the 'ACC' or 'ON' position, and secure the steering wheel in the straight-ahead position with a rope or similar device.



Fuses

Your vehicle has fuse boxes at three locations.

The vehicles electrical circuits have fuses to protect the wiring from short circuits or sustained overload.



1. Battery Mounted Fuse Box.
2. Engine Compartment Fuse Box.
3. Cabin Compartment Fuse Box.

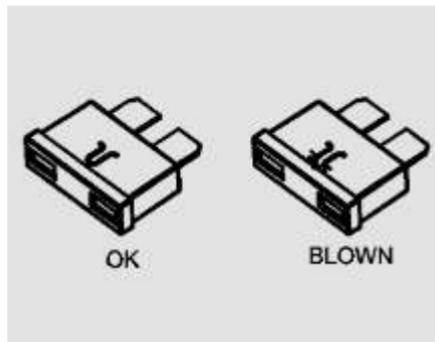
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Checking and replacing fuses

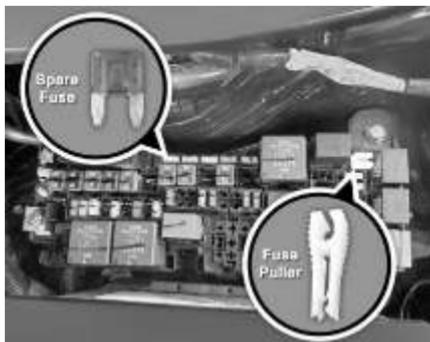
If any electrical unit in your vehicle is not functioning, check the fuses first.

Please follow the steps below that will guide you to check and replace them.

- Apply parking brake
- Switch off all electrical consumers.
- Turn the ignition key to the 'LOCK' position.
- In the fuse box, identify the defective fuse from its melted wire.



- Remove the blown fuse by "fuse puller". The fuse puller and spare fuses are provided in the engine compartment fuse box.



Engine compartment fuse box

- Blown fuses must be replaced with fuses of same rating, which you can recognize by color and value.

NOTE

Always ensure that the spare fuses are replenished.

- Ensure 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 Service Centre immediately.

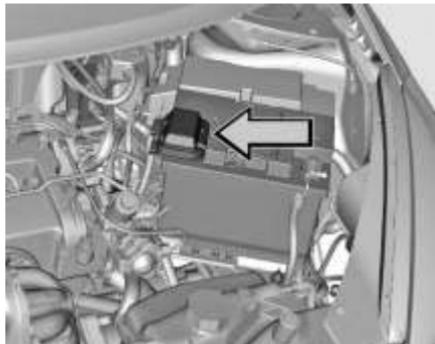
WARNING

If you manipulate or bridge a faulty fuse or if you replace it with a fuse with higher amperage, the electric cables could be overloaded. This could result in a fire. There is a risk of an accident and injury.

Always replace faulty fuses with the specified new fuses having the correct amperage.

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Battery mounted fuse box



Fuse No.	Function	Fuse Rating
PF1	STARTER MOTOR	CAL 1

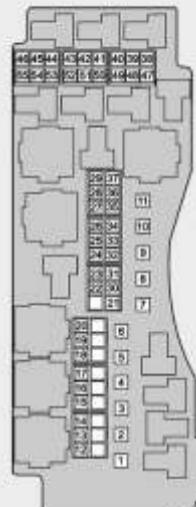
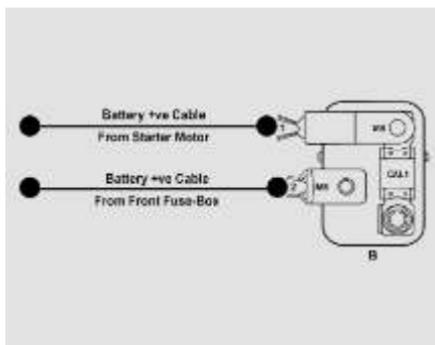
NOTE

The fuse box layout is for reference purpose only. Please refer the sticker provided inside the fuse box cover.

WARNING

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

Engine compartment fuse box



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Fuses - Engine Compartment

Fuse No.	Function	Fuse Rating
1	INTERIOR F/B 2 IGNITION	60A
2	ABS	40A
3	GLOW PLUG (DIESEL)	60A
4	COOLING FAN HIGH SPEED	40A
5	EPAS	60A
6	-	-
7	INTERIOR F/B 1 BATTERY	60A
8	UNDER BONNET F/R BOX	60A
9	-	-
10	IGNITION LOAD	60A
11	-	-
12	COMPRESSOR	10A
13	STARTER SOLENOID	20A
14	ABS ECU	25A

15	-	-
16	HORN HIGH / LOW TONE	15A
17	FRONT FOG	10A
18	EMS BATTERY	10A
19	-	-
20	FUEL PUMP	20A
21	BRAKE LAMP	10A
22	RELAY COIL	5A
23	-	-
24	FRONT WIPER MOTOR	20A
25	ABS	5A
26	WASHER MOTOR	10A
27	-	-
28	REVERSE & BRAKE LAMP	10A
29	REAR WIPER	10A
38	EMS ECU	20A
39	EMS ECU	15A

40	INJECTORS (PETROL)	20A
41	-	-
42	HEAD LAMP LOW	15A
43	EMS IGN	10A
44	-	-
45	-	-
46	HEAD LAMP HIGH	15A

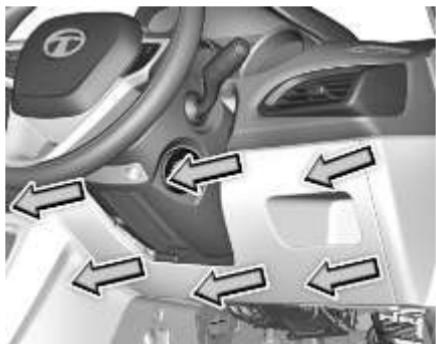
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Cabin compartment fuse box

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.

1. Fuse box cover is mounted on dash board with the help of lugs at the top and bottom of the cover from inside.



2. To remove the cover, gently pull the cover from bottom side such that the lugs get disengaged.

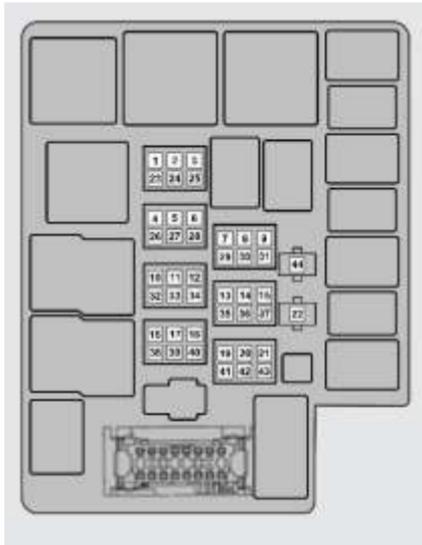
Re-fitment procedure

Align and engage the top and bottom mounting lugs with respective slots on dash board and press the cover firmly.

Fuses



Cabin compartment fuse box



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Fuses - Cabin Compartment

Fuse No.	Function	Fuse Rating
1	AIR BAG	10A
2	ACCESSORY	15A
3	-	-
4	BCM	15A
5	INTERIOR LAMP	5A
6	MIRROR ADJUST MOTOR	5A
7	BCM/POSITION RH	15A/5A
8	CLUSTER / OBD	10A
9	BCM/POSITION LH	15A/5A
10	KEY IN AFTER MARKET	5A
11	IMMOBILIZER / EPAS	5A
12	-	-
13	BLOWER MOTOR	30A
14	CDL / ACCESSORY	15A

15	POWER SOCKET	15A
16	RELAY COILS	5A
17	-	-
18	HVAC	10A
19	HRW / FLASHER	25A/10A
20	IGN SUPPLY	10A
21	POWER SOCKET	15A
22	TRANSIT/ENTERTAINMENT	15A

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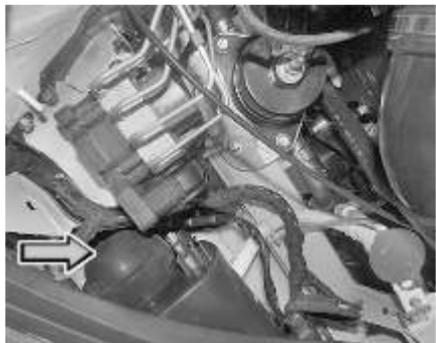
Bulb Specification

Sr. No.	Description	Rating	Type	Qty.
1	HIGH BEAM + LOW BEAM	12V, 55W	H4	2
2	TURN SIGNAL FRONT	12V, 21W	PY21W	2
3	FOG LAMP FRONT	12V, 19W	H16	2
4	STOP + POSITION LAMP REAR	12V, 21/5W	P21/5W	2
5	POSITION LAMP FRONT	12V, 5W	W5W	2
6	TURN SIGNAL REAR	12V, 21W	PY21W	2
7	REVERSE LAMP	12V, 16W	W16W	2
8	REAR REGISTRATION PLATE LAMP	12V, 5W	W5W	2
9	SIDE REPEATER LAMP	12V, 5W	WY5W	2
10	ROOF LAMP	LED	LED MODULE	1
11	HIGH MOUNTED STOP LAMP	12V, 5W	W5W	5
12	LOAD AREA LAMP	12V, 5W	W5W	1

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Bulb Replacement

Open the bonnet to access the headlamps.



WARNING

The engine should not be running when changing bulbs.

If the engine has been running just prior to replacing bulbs in the headlight housing, please keep in mind that components in the engine compartment will be hot.

Replacing - High / Low beam bulb

1. Remove the rubber press fit cover by simply pulling it off.



2. Press the pin and pull the connector from the bulb.



3. To free the headlamp bulb from the socket, press and swing the retaining spring and pull it straight back.



4. Pull out the bulb from the socket.



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5. Insert the new bulb (without touching the glass) into the socket.
6. Move the retaining spring up and push it slightly until it locks properly.



7. Refit the connector into the bulb and press the rubber cover on headlamp housing to fit it properly.

Replacing the position bulb

Unlock the position bulb by turning the socket in counter clockwise direction.



Replace with the new bulb (refer bulb specification table) and refit it by pressing and turning in clockwise direction firmly into the socket.

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Replacing the turn indicator

Unlock the turn indicator bulb by turning the socket in counterclockwise direction.



Replace with the new bulb (refer bulb specification table) and refit it by pressing and turning it in clockwise direction firmly into the socket.

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24 X 7 Road Assistance

Dear Customer,

It is our responsibility and our endeavour 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 hauling 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 breakdown assistance including towing to the nearest TATA MOTORS Authorized Workshop 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.

Response Time ** for the On Road Assistance Program

Within City Limits	60 minutes
On State or National Highways	90 minutes
Ghat Roads and other places	120 minutes +/-

**(The response time will depend on the location, terrain, traffic density and the time of the day.)

Standard procedure when calling for On Road Assistance in case of a breakdown:

- Dial the toll free help line number – **1 800 209 7979**
- Identify your vehicle with the Vehicle chassis number that is available in the Owner's Manual.

- Explain your exact location with landmarks and tell us about the problem you face with the vehicle.
- Park your vehicle on the edge of the road, open the bonnet and put on the hazard warning signal.
- Place the advance warning triangle supplied with the vehicle approx. 3 m from the vehicle in the direction of oncoming traffic.



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Coverage under 24 X 7 On Road Assistance Program

I. The **24x7 On Road Assistance** Program Service covers the following services on your vehicle during warranty period.

- Wheel change through spare wheel.
- Arrangement of fuel. (Fuel cost will be chargeable at actual cost)
- Re-opening the vehicle in cases of key lock out.
- Rectification of electrical problems related to battery, fuses etc.
- On spot repairs for complaints repairable at site. ^
- Vehicle to vehicle towing or winching & towing for non-accident cases up to the nearest TATA MOTORS authorized workshop. 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 upto the nearest TATA MOTORS authorised workshop.

Exclusions

24 X 7 On Road Assistance Program does not apply to

- Cost of parts consumables and labour 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.

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Disclaimer

- The Service is not available in Lakhshwadeep.
- **The reach time is indicative & the actual reach time will be conveyed by the call centre 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 LTD. and as per the interpretation of the same by ASP. You will be duly informed by the ASP & call centre for the change applicable if any.
- All charges wherever applicable need to be settled directly with the ASP.

Exclusion of Liabilities

- It is understood that TATA MOTORS shall be under no liability whatsoever in respect of any loss or damage arising directly or indirectly out of any delay in or non-delivery of, defect/deficiency in service/parts provided by ASP.
- In case vehicle cannot be repaired on-site, customers are advised to use the towing facility for taking their

vehicle to the nearest TATA MOTORS authorized workshop only. In no condition will 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/fitments of the vehicle at the time of ASP taking possession of the vehicle & to verify these items when delivery is taken back by them, Claim for loss of or damage to items, if any should be taken up with ASP directly. TATA MOTORS shall not be responsible for any such claims, damages/loss or any deficiency of service of the ASP.
- Vehicles will be handled, repaired & towed as per the customer's risk & TATA MOTORS shall not be liable for

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- any damages / claims as a result of the same.
- Services entitled to the customers can be refused or cancelled on account of abusive behaviour, fraudulent representation, malicious intent and refusal to pay the charges for any charges related services and spare parts during service or on previous occasion on part of the customer.
 - On site repairs may be temporary in nature. The completion of repairs does not certify the road worthiness of the vehicle. The customer is advised to ensure temporary repairs carried out onsite is followed by permanent repairs at a TATA MOTORS Authorized Workshop at the earliest.
 - Terms and conditions and service coverage, exclusions etc. are subject to change without notice.

Maintenance and Service

Periodic maintenance is essential for ensuring long trouble free performance.

Have your vehicle serviced regularly from TATA MOTORS Authorized Service Centre.

There is a large network of TATA MOTORS Authorized Service Centre's 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 centre 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

NOTE

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

WARNING

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

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

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

MAINTENANCE

Engine Compartment - Diesel



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

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

- 7. Battery
- 8. Auxiliary tank

Engine Compartment – Petrol



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

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

7. Battery
8. Auxiliary tank

MAINTENANCE

Engine Oil Level

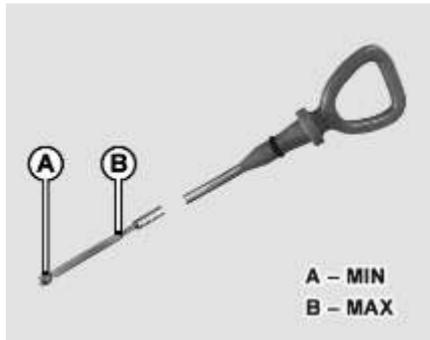
Warm up the engine to normal operating temperature.

Turn it 'OFF' and wait for 5 minutes for the oil to return to the oil pan. Be sure the vehicle is on a level surface.

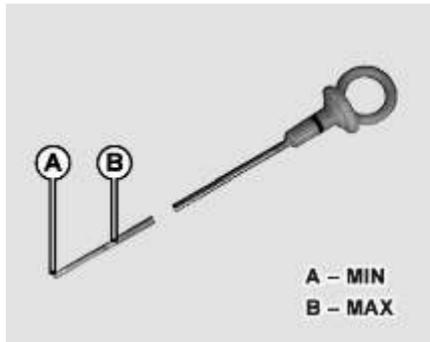
Take out the dipstick, wipe it clean, and reinserst if fully. Pull it out again and examine the oil level. It should be between 'MIN' and 'MAX' level. If not, top up with recommended engine oil.

NOTE

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



Diesel



Petrol

NOTE

Do not remove the filler cap when the engine is running.

Do not add oil above than the MAX. mark. Oil level above the MAX. mark may cause engine damage.

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

Brake Fluid Level



The level of the brake fluid should be between the 'MIN' and 'MAX' marks on the side of the brake fluid container. If the level falls below the 'MIN' mark, add recommended brake fluid.

NOTE

Do not allow brake fluid to make contact with the skin or eyes.

Do not allow brake fluid to splash or spill on the paint surface as it

will damage the paint. In case of spillage, wipe it off immediately.

For location of Brake Fluid Container and filling cap, please refer respective Engine Compartment pages.

Engine Coolant Level



Check whether the coolant level is between the 'MIN' and 'MAX' marks on the coolant reservoir.

When the coolant levels is low, top up with recommended coolant through filler

of auxiliary tank until the level approaches the max level line. Refer 'Technical information' section.

NOTE

In case of emergency, a large amount of water without engine coolant may be added in order to reach a vehicle service location.

Whenever coolant has been added, the coolant level in the coolant reservoir should be checked the next few times you drive the vehicle to confirm correct level.

For location of Engine coolant container and filler cap, please refer respective Engine Compartment pages.

MAINTENANCE

NOTE

Topping 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

Check that there is washer fluid in the tank. Refill it if necessary. Use a good quality windshield washer fluid, diluted with water as necessary.

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 respective Engine Compartment pages.

Battery

- Check the battery for electrolyte level against the marking on the battery outer case.
- Check 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.
- Coat the terminals with petroleum jelly to prevent future corrosion.
- Use a proper wrench to loosen and remove cables from the terminals.
- Always disconnect the negative (-ve) cable first and reconnect it last.
- Clean the battery terminals with a terminal cleaning tool or wire brush.
- Reconnect and tighten the cables, coat the terminals with petroleum jelly.

- Ensure 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.

For location of battery, please refer respective Engine Compartment pages

NOTE

During normal operation, the battery generates gas which is explosive in nature. A spark or open flame can cause the battery to explode causing very serious injuries. Keep all sparks, open flames and smoking materials away from the battery.
The battery contains sulphuric acid (electrolyte) which is poisonous and highly corrosive in nature. Getting electrolyte in your eyes or on the skin can cause severe burns. Wear protective clothing and a face shield or have a skilled technician to do the battery maintenance.

Spark Plug (Petrol)



Spark Plug	Number	Gap
BOSCH	YR7SES	0.7 to 0.8 mm
Federal Mogul (Champion)	RER8MC	0.8 to 0.9 mm

Tightening Torque - 25 Nm

NOTE

Use spark plug of recommended make & type for replacement.

MAINTENANCE

Tyres



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

Inflation

Check for inflation and condition of your vehicle tyres periodically.

Check the pressure in the tyres when they are cold.

Keeping the tyres properly inflated gives you the best combination of riding comfort, handling, tyre life and better fuel efficiency.

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 your comfort in vehicle handling and are prone to failures due to high temperature. They also cause uneven wear and more fuel consumption.

NOTE

Every time you check inflation pressure, you should also examine tyres for damage, trapping of foreign objects in the treads and wear.

Recommended tyre pressures

Tyre size	Version	Front	Rear
175/65 R14 Or 155/80 R13	Petrol	33 psi / 2.3 bar	30 psi / 2.1 bar
	Diesel	33 - 36 psi / 2.3 - 2.5 bar	30 psi / 2.1 bar

Tyre pressure sticker location



Special care for tubeless tyres:

- While removing tyre from wheel rim and mounting it back on wheel 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 inside of tubeless tyre with metallic or sharp object. Tubeless tyres are coated with impermeable layer of rubber from inside which holds the air inside 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.

- Maintain recommended inflation pressure. Over-inflation, in particular, may cause puncture or bursting of tyre.

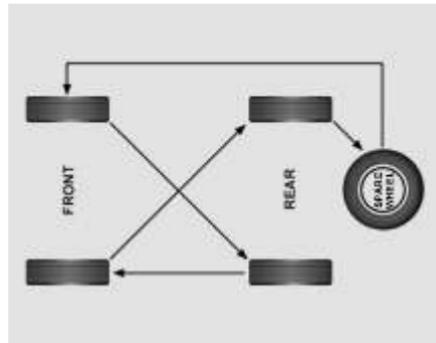
NOTE

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.

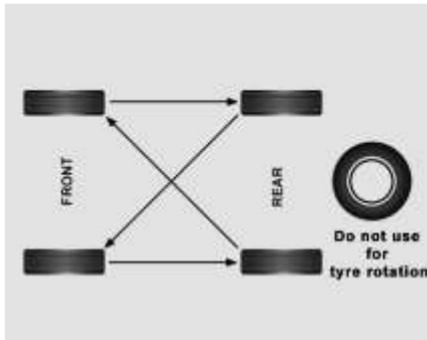
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Tyre rotation

For 175/65 R14 and 155/80 R13 tyres



For 175/65 R14 alloy wheel rims
with spare wheel of steel wheel rim
(if equipped)



To help increase tyre life and distribute wear more evenly you should have tyres rotated at specified intervals or earlier depending on the operation of vehicle.

The illustrations shows how to rotate tyres when normal or temporary spare wheel is fitted.

Wheel Alignment

Incorrect wheel alignment causes excessive and uneven tyre wear. Check wheel alignment at specified intervals. Wheel alignment values are given below:

	Front	Rear
Caster	$1^\circ 45' \pm 45'$	-
Camber	$30' \pm 30'$	$-52' \pm 60'$
Toe in	-	$12' \pm 15'$
Toe Out	0 to 13'	-

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.

Remote Key Battery Replacement

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

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

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

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



4. Insert the new battery.



MAINTENANCE

5. Ensure that the “+” symbol on the battery is facing upwards. The correct polarity is shown on the battery cover.
6. Position the battery cover on the key and press on it until it is heard to lock in place.

NOTE

Use CR 2032 battery only.

On Board Diagnostic (OBD II) System

On board Diagnostics or OBD is an automotive term referring to a vehicle's self-diagnostic and reporting capability. The OBD system allows continuous diagnosis of the components of the vehicle correlated with emissions. This system warns the driver, by turning “ON” the Malfunction Indication lamp (MIL) on the instrument cluster, when a fault causes emission levels to increase.

The OBD system also has a diagnostic connector that can be interfaced with appropriate diagnostic tools, which makes it possible to read the fault codes stored in the Electronic Control Unit, together with a series of specific parameters for Engine operation and Diagnosis. This check can also be carried out by the traffic police.

To access the diagnostic connector, open the fuse box cover which is located

on RH side below the steering wheel. Refer ‘Emergency and Breakdown Assistance’ section for removal of cover.



Service Instructions

The **TATA TIAGO** has been manufactured to give you economical and trouble free performance. To achieve this, please follow the instructions as stated.

Your vehicle is entitled to three free services (labour only). The free service coupons are attached to the sales invoice. Please present these coupons to the servicing dealer while availing free services.

1st free service - At 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).

MAINTENANCE

Service Schedule

Sr. No.	Operation	Kms	PDI	1.5K	7.5K	15K	22.5K	30K	37.5K	45K	52.5K	60K	67.5K	75K	82.5K	90K	97.5K	105K	112.5K	120K	127.5K	135K	142.5K	150K
		Months	0	2	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
	General																							
1	Wash the vehicle & Clean Condenser Fins	Every Service	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2	Check & Top up Fluids (If required): Transaxle Oil, Coolant, Brake Fluid, Battery Electrolyte, Wind Screen washer fluid.	Every Service	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3	Check Fuel Lines for Leakages.	Every Service	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
4	Check and Capture all DTC's Clear all faults and Erase the Codes.	Every Service	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
5	Check Rubber Boots for damage & replace if required (driveshaft)	15K / 12M					•		•		•		•		•		•		•		•		•	

- Kms or Months whichever occurs earlier

MAINTENANCE

Sr. No.	Operation	Kms	PDI	1.5K	7.5K	15K	22.5K	30K	37.5K	45K	52.5K	60K	67.5K	75K	82.5K	90K	97.5K	105K	112.5K	120K	127.5K	135K	142.5K	150K
		Months	0	2	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
6	Check Rubber Boots, Rubber seat, Dust cover & Bushes for damage & replace if required (Suspension) (First at 15K/12M then at every service)	7.5K / 6M				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
7	Check for all bolts & nuts (Tighten)	7.5K / 6M			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Engine (Diesel)																							
1	Clean air filter element (more frequently for vehicle operating as TAXI)	15K / 12M			•		•	•		•		•		•		•		•		•		•		•
2	Change engine oil and Oil filter	15K / 12M			•		•	•		•		•		•		•		•		•		•		•
3	Drain water from Fuel Filter Bowl	15K / 12M			•		•	•		•		•		•		•		•		•		•		•
4	Replace Fuel Pre filter assembly (WIF Sensor to be reused)	# 45K / 24M							•							•								•
5	Replace Fuel Main fuel filter assembly	# 135K / 24M																						•

- Kms or Months whichever occurs earlier

MAINTENANCE

Sr. No.	Operation	Kms	PDI	1.5K	7.5K	15K	22.5K	30K	37.5K	45K	52.5K	60K	67.5K	75K	82.5K	90K	97.5K	105K	112.5K	120K	127.5K	135K	142.5K	150K
		Months	0	2	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
6	Replace Diesel - Pressure Regulator	# 75K / 36M											•											•
7	Check accessory belt condition visually, replace if found damage	15K / 12M			•		•		•		•		•		•		•		•		•		•	
8	Check timing belt visual condition, replace if found damage	# 105K / 24M															•							
9	Replace air filter element (more frequently for vehicle operating as TAXI)	45K / 36M							•						•							•		
10	Change coolant	# 60K / 36M									•										•			
11	Replace timing drive kit. (Timing belt, Auto tensioner and Idler)	# 150K / 36M																						•

- Kms or Months whichever occurs earlier

MAINTENANCE

Sr. No.	Operation	Kms	PDI	1.5K	7.5K	15K	22.5K	30K	37.5K	45K	52.5K	60K	67.5K	75K	82.5K	90K	97.5K	105K	112.5K	120K	127.5K	135K	142.5K	150K
		Months	0	2	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
	Engine (Petrol)																							
1	Clean air filter element (more frequently for vehicle operating as TAXI)	15K / 12M				•		•		•		•		•		•		•		•		•		•
2	Change engine oil and Oil filter	15K / 12M			•		•		•		•		•		•		•		•		•		•	
3	Gasoline - Replace Fuel Filter	30K / 24M					•				•				•				•					•
4	Change Spark plugs	45K / 36M						•										•						•
5	Check accessory belt condition visually, replace if found damage	15K / 12M			•		•		•		•		•		•		•		•		•		•	
6	Replace air filter element (more frequently for vehicle operating as TAXI)	45K / 36M							•							•								•
7	Change coolant	# 60K / 36M									•													

- Kms or Months whichever occurs earlier

MAINTENANCE

Sr. No.	Operation	Kms	PDI	1.5K	7.5K	15K	22.5K	30K	37.5K	45K	52.5K	60K	67.5K	75K	82.5K	90K	97.5K	105K	112.5K	120K	127.5K	135K	142.5K	150K
		Months	0	2	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
	Transaxle																							
1	Replace transaxle oil	75K / 60M																						
	Brakes																							
1	Check front brake pads & rear brake linings. Replace if necessary	15K / 12M				•		•		•		•		•		•		•		•		•		•
2	Replace brake fluid Check brake system components for Leaksages	# 45K / 24M							•							•						•		
3	Inspect & if necessary adjust handbrake setting	15K / 12M				•		•		•		•		•		•		•		•		•		•
	Wheels & Tyres																							
1	Check & Adjust Wheel alignment	# 15K / 18M				•		•		•		•		•		•		•		•		•		•
2	Check for Tyre pressure, condition & rotate	# 7.5K / 12M			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

- Kms or Months whichever occurs earlier

MAINTENANCE

Sr. No.	Operation	Kms	PDI	1.5K	7.5K	15K	22.5K	30K	37.5K	45K	52.5K	60K	67.5K	75K	82.5K	90K	97.5K	105K	112.5K	120K	127.5K	135K	142.5K	150K
		Months	0	2	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
	Electrical																							
1	Check specific gravity of battery electrolyte (OR Every 6 Months)	Every Service	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2	Check headlamp focussing	15K / 12M				•		•		•		•		•		•		•		•		•		•
	A.C. System																							
1	Clean filter and check Air-conditioning / HVAC system for satisfactory performance	Every Service	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

- Kms or Months whichever occurs earlier

MAINTENANCE

Vehicle Parking at One Place for Long Duration (Non - Use Maintenance)

If you want to park your vehicle at one place for long duration, following care is to be taken:

1. Park the vehicle in covered, dry and if possible well-ventilated premises. Engage a gear.
2. Remove the battery terminal cables (first remove the cable from the negative terminal).
3. Block the wheel or engage in the gear mode.
4. Clean and protect the painted parts using protective wax.
5. Clean and protect the shiny metal parts using commercially available special compounds.
6. Sprinkle talcum powder on the rubber windscreen wiper and lift them off the glass.
7. Slightly open the windows.
8. Cover the vehicle with a cloth or perforated plastic sheet. Do not use sheets of imperforated plastic as they do not allow moisture on the vehicle body to evaporate.
9. Inflate the tyres to 0.5 bar above the normal specified pressure and check it at regular intervals.
10. Check the battery charge every six weeks.
11. Do not drain the engine cooling system.

TEHCNICAL INFORMATION

Fuel Specification

Fuel (Diesel)

Normal grade BS IV compliant diesel conforming to IS1460 or EN 590 or equivalent is recommended to be used as fuel.

Do not use premium diesel available in the market for example extra premium / Turbojet etc.

Recommended fuel specifications

Parameter	Unit	BS IV
Cetane Number (min)	CN	51
Sulphur content	mg/kg	50
Lubricity (HFRR)	micron	460

NOTE

Where oxidation catalytic converter is fitted, it is mandatory to use Diesel fuel with sulphur contents as given above. Use of any other diesel fuel can increase the pollutants.

At very low temperature, fluidity of diesel may become insufficient due to paraffin separation. It is therefore necessary to mix supplementary fuel with summer or winter grade diesel.

The supplementary fuel to be used like kerosene. Ratio for mixing of supplementary fuel and diesel are shown in the table.

Ambient Temperature up to Deg C.	Percentage	
	Summer grade diesel	Supplementary fuel
Up to 0	100	0
0 to -10	70	30
-10 to -15	50	50

Care should be taken that diesel and supplementary fuel are thoroughly mixed before filling.

Ambient Temperature upto Deg C.	Percentage	
	Winter grade diesel	Supplementary fuel
Up to -15	100	0
-15 to -20	70	30
-20 and below	50	50

WARNING

Do not mix gasoline or alcohol with diesel. This mixture can cause an explosion.

TECHNICAL INFORMATION

Fuel (Petrol)

Unleaded regular grade petrol conforming to IS 2796:2008 and BS IV specification and RON not less than 91 is recommended. It is always recommended to use correct fuel to get optimum emission performance.

NOTE

Always use petrol of a correct specification in a vehicle fitted with catalytic converter. Even single fill of leaded petrol will seriously damage the catalytic converter.

TEHCNICAL INFORMATION

Lubricant Specification

Use following genuine fluids, coolants and lubricants recommended for optimum performance of your vehicle.

Item	Specification	Company and Brand	Qty.
Engine Oil	5W30 ACEA A5/B5 TATA SS6579	CASTROL - Magnatec Professional T 5W30 PETRONAS TATA MOTORS Genuine Oil – Engine Oil Synth 5W30	3.5 Litres (Petrol) 4 Litres (Diesel)
Coolant (Pre-mixed) (Antifreeze agent + Soft water 40 : 60 ratio)	Class II/JIS K2234 TATA SS7700S1	SUNSTAR CCI - Golden Cruiser LLC 2200NP IOCL TATA MOTORS GENUINE COOLANT KOOL PLUS	4 Litres (Petrol) 5 Litres (Diesel)
Transaxle Oil	EP80W LL (Next Gen) TATA SS6582	PETRONAS - TATA MOTORS Genuine Oil – Gear Oil New Gen 80 EP LL IOCL TATA MOTORS GENUINE GEAR OIL 80WLL	1.8 Litres
Brake Fluid	IS 8654 Type II DOT 4 TATA SS7711	PETRONAS - Tutela - TOP 45 DOT 4 CASTROL - UBF DOT 4 SUNSTAR CCI - Golden Cruiser Brake Fluid DOT 4	0.5 Litres

TECHNICAL INFORMATION

Technical Specifications

Parameter	Diesel	Petrol
Engine		
Model/type	1.05L REVOTORQ	1.2L REVOTRON
Capacity	1047 cc	1199 cc
Max. Engine output	70 PS @ 4000 +/-50 rpm	85 PS @ 6000 rpm
Max. Torque	140 Nm @ 1800 - 3000 rpm	114.4 Nm @ 3500 +/- 70 rpm
Clutch		
Type	Single plate dry friction diaphragm type	
Outside diameter of clutch	200 mm	
Transaxle		
Model	TA65*	
Type	Synchromesh with overdrive	
No. Of gears	5-Forward, 1-Reverse	
Steering		
Type	Electric Power Assisted Steering	
Brakes		
Brakes	Front (Disc); Rear (Drum)	
Parking brake	Lever type console mounted cable operated mechanical linkages acting on rear wheels	

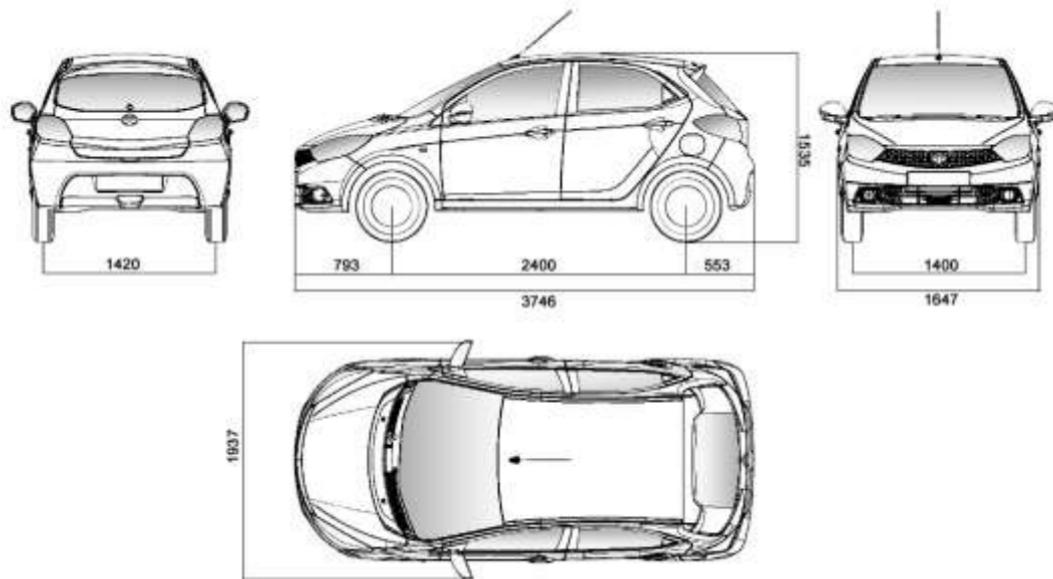
TEHCNICAL INFORMATION

Suspension		
Type	Dual path McPherson strut (front) Twist beam Suspension at (rear)	
Shock absorber	Hydraulic Shock absorber	
Wheels & tyre		
Tyres	175/65R14 82T or 155/80R13 79T	175/65R14 82T or 155/80R13 79T
Wheel rims	5J x 14" or 4.5J x 13"	5J x 14" or 4.5J x 13"
Fuel tank		
Capacity	35 liters	35 liters
Cab / body		
Type	Hatch back, Five doors, Steel monocoque body, Passenger vehicle	
Electrical system		
System voltage	12 Volts (-ve earth)	12 Volts (-ve earth)
Alternator capacity	120 Amp	110 Amp
Battery	12V, 50 Ah	12V, 44Ah
Main chassis dimension (in mm)		
Wheel base	2400	2400
Track front	1400	1400
Track rear	1420	1420
Overall length	3746	3746
Overall height	1535	1535
Max. Width	1647	1647
Ground clearance	170	170

TECHNICAL INFORMATION

Performance		
Max. Speed	150 kmph	160 kmph
Max. Recommended gradability	28%	26.8%
Minimum Turning Circle Dia. in mm as per IS:12222	9800	9800
Minimum Turning Clearance circle dia. in mm as per IS:12222	10200	10200
Weight (in kg)		
Gross vehicle weight	1480 (XZ), 1465 (XT), 1445 (XM), 1440 (XE), 1430 (XB)	1412 (XZ), 1397 (XT), 1377 (XM), 1375 (XE), 1330 (XB)
Kerb weight (unladen)	1080 (XZ), 1065 (XT), 1045 (XM), 1040 (XE), 1030 (XB)	1012 (XZ), 997 (XT), 977 (XM), 975 (XE), 930 (XB)

Vehicle Dimensions



TECHNICAL INFORMATION



Chassis No. punching near driver seat



VIN plate near front passenger seat

Aggregate Identification Numbers



Transaxle No. Punching



Engine No. Plate - Diesel



Engine No. Plate - Petrol

CAR CARE AND VALUE ADDED SERVICES

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 chippings should be removed as soon as possible.

Washing

Following these tips while washing your vehicle.

Hand wash:

1. Always wash your vehicle in shade and the surface is at room temperature.

2. Wash with mild vehicle wash soap like 'Car Shampoo' and use a soft bristle brush, sponge or soft cloth and rinse it frequently while washing to avoid scratches.

3. To avoid scratches, please wear soft gloves. Remove finger rings, nails, wrist watch while washing.
4. To remove stubborn stains and contaminants like tar, use turpentine or cleaners like 'Stain remover' which are safe for paint surfaces.
5. Avoid substances like petrol, diesel, kerosene, benzene, thinner or other solvents that cause damage to paint.
6. Dry your vehicle thoroughly to prevent any damp spots.
7. Rinse all surfaces thoroughly to prevent any traces of soap and other cleaners as this may lead to the formation of stains on the painted surface later.

WARNING

Do not direct high pressure washer fluid/ water jets (Pressure above 0.5 Bar) at electrical devices and connector during washing. This is to prevent malfunction / failure of electrical system due to water ingress.

After drying the vehicle, inspect it for chips and scratches that could allow corrosion to start. Apply touch up paint where necessary.

Cleaning of Carpets

Vacuum clean the carpet regularly to remove dirt. Dirt will make the carpet wear out faster. Periodically shampoo the carpet to keep it looking new.

Use carpet cleaners (preferably foam type). Follow the instructions that come with the cleaner. Apply it with a sponge or soft brush. Keep the carpeting as dry as possible by not adding water to the foam.

NOTE

Avoid wiping of painted surface in dry condition as it may leave scratches on the painted surface.

CAR CARE AND VALUE ADDED SERVICES

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.

RFID TAG

RFID TAG is pasted on front windshield from the inside. It enables Electronic toll collection.



**DO NOT TRY TO PEEL OFF RFID TAG
IT WILL BE PERMANENTLY DAMAGED.**

NOTE

Do not attempt to rip or tamper the tag. It will disable the functionality of the tag.

Waxing

Waxing and polishing is recommended to maintain the gloss and wet-look appearance of your paint finish.

1. Use good quality polish and wax for your vehicle.
2. Re-wax your vehicle when the water does not slip off the surface but collects over the surface in patches.

Polishing

Polishes and cleaners can restore shine to the painted surface that has oxidized and become dull. They normally contain mild abrasives and solvents that remove the top layer of the finish coat. Polish your vehicle, if the finish does not regain its original shine after using wax.

Interior fabric cleaning tips

1. Stains should be treated immediately. If left for a long time, they can leave a permanent mark.
2. Cleaning the stains immediately is important especially for stains which contain artificial colors in the stain creating liquid or semisolid substance. The colorant may leave a stain if kept for longer time.
3. Stain should not be removed by rubbing. As far as possible, try to blot or lift the stain with cloth or plastic spatula and then clean the remaining stain with cloth or sponge.
4. If the stain has dried, then gently brush off the material and then press with damp cloth or sponge till it disappears.
5. Do not use household detergents to clean the fabric.
6. Always use clean cotton cloth for cleaning.

CAR CARE AND VALUE ADDED SERVICES

Paint Care

Following guidelines will help you to protect your Vehicle from corrosion effectively.

Proper cleaning

In order to protect your vehicle from corrosion it is recommended that you wash your vehicle thoroughly and frequently in case:

- There is a heavy accumulation of dirt and mud especially on the underbody.
- It is driven in areas having high atmospheric pollution due to smoke, soot, dust, iron dust and other chemical pollutants.
- It is driven in coastal areas.
- The underbody must be thoroughly pressure washed after every three months.

In addition to regularly washing your car, the following precautions need to be taken.

Periodic Inspection

- Regularly inspect your vehicle for any damage in the paint film such as deep scratches and immediately get them repaired from an authorized service outlet, as these defects tend to accelerate corrosion.
- Inspect mud liners for damages.
- Keep all drain holes clear from clogging.

Proper Parking

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

Wiper care

- To prevent damage to the wipers or windshield, do not operate the wipers when the windshield is dry.
- To prevent damage to the wiper arms and other components, do not attempt to move the wipers manually.

CAR CARE AND VALUE ADDED SERVICES

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



Extended Warranty is available in the dealership from where you have purchased your vehicle. We strongly recommend purchase of Extended Warranty at time of purchase of your vehicle. Extended Warranty can be availed till 421 days from date of purchase of vehicle. The Dealer Service Marketing Executive shall explain to you the Terms and conditions, Coverage and Owner's responsibility.

Extended Warranty Booklet & Cover Note

The Extended Warranty booklet and cover note is the basis of the contract between TATA MOTORS LIMITED and the Owner of the vehicle shown on the Extended Warranty booklet. The Customer is to retain this booklet and the same to be produced to the dealer while claiming benefit s under Extended Warranty.

CAR CARE AND VALUE ADDED SERVICES

Note

- The 12 or 24 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 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

CAR CARE AND VALUE ADDED SERVICES

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



CAR CARE AND VALUE ADDED SERVICES

Engine Wax Treatment

Engine Wax is a beige colored transparent lacquer coating on the engine compartment.

- Corrosion Prevention for the Engine compartment.
- Neat, clean and New Look to Engine compartment.
- No effect on MPFI vehicles.
- Engine wax can withstand upto 200 degrees temperature.
- No need of cleaning the engine compartment with diesel once engine wax is sprayed.
- Life of over a year.

Sound Deadening System

Door vibration deadeners - These pads when stuck on the insides of the sheet metal increase sheet metal rigidity, reduce vibrations and increase riding comfort.

- Used for reducing the sheet metal vibration in a vehicle.
- Product to be used once in the life of the vehicle - Life Time Warranty
- Effect is lifelong i.e. until & unless pads are physically removed.
- Negligible increase in Weight & hence no effect on fuel consumption.
- Areas covered - four doors, rear quarter panels & dickey. In case of diesel vehicles, can be used in the bonnet.

CAR CARE AND VALUE ADDED SERVICES

TATA MOTORS has tied up with **M/s Wuerth, 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/trims.

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

This treatment is available in all authorized workshops. The Dealer Service Marketing Executive will explain to you the benefits and terms and conditions of this treatment.



CAR CARE AND VALUE ADDED SERVICES

Vehicle Interior Enrichment

Why protect your new car's fabric interior?

- Someone will soil your vehicle's fabric carpet or seats.
- A significant detractor from your vehicle's resale value.
- A permanent stain on your vehicle's interior fabric.

The enemy:

Drink Spills - Food Stains - Mud - Ultraviolet Rays 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 (eg: door pad trims) and rubber parts.
- The treatment involves cleaning and dressing of all parts of the exposed interiors.
- Specialised protection for seat fabric from liquid spills.

TATA MOTORS has tied up with M/s Wurth and M/s Autokrom for this world class treatment at affordable prices. This treatment is available in all authorized workshops. The Dealer Service Marketing Executive will explain to you the benefits and terms and conditions of this treatment.

I / We have been explained the Terms and conditions, Coverage and Owner's responsibility by the Dealer Service Marketing Executive.

I wish to avail / Do not wish to avail extended warrant policy.

Customer's Signature

Dealer's Signature

CAR CARE AND VALUE ADDED SERVICES

Why de-carbonisation is required in Diesel engines?

Carbon deposits accumulate over time in injector pump, fuel injectors, combustion chambers & intake valves. This causes rough idle, vibration at idle, loss of power, hesitation, misfire, decreased mileage, increased smoke, slowed throttle response.

Decarbonisation process is designed to remove these deposits

- Clean fuel injectors
- Clean throttle body
- Clean plenum and air-intake
- Clean intake valves and ports
- Remove combustion chamber deposits
- In maintaining correct balance of fuel and air in system



Resulting in

- Comprehensive clean-up of combustion chamber, induction system & fuel injector deposits
- Better fuel economy
- Increased engine performance and response
- Smooth Starts, idles and quieter run
- Better combustion & increased power
- Faster starting & warm-up
- Reduced emissions
- Reduced injector & pump wear, thereby resulting in savings in maintenance costs

It is approved for low sulphur diesel fuel and EGR equipped diesel engines

CAR CARE AND VALUE ADDED SERVICES

Please note: These are symptomatic treatments to be availed beyond 20000 kms and only when you have problems in your car as mentioned in first paragraph and are to be done only after you give your consent for carrying out these treatments.

Engine Flush treatment helps in

- Safely and effectively cleaning and removing oxidized particles and fluid contamination left behind from previous oil changes
- Preventing further deposits
- Freeing sticky lifters and rings
- Chemically “tuning” the engine during driving
- Restoring pep and power
- Removing sludge from valve train
- Promoting fuel economy and improving overall engine operation

Special products used for improving compression

To fortify new oil and seal rings for optimum performance, special products from BG (RF7) and Bardhal (Special Duty) are added to new engine oil. This makes it suitable for petrol and diesel engine applications

Resulting in:

- Improved engine compression
- Increased power and increased fuel economy
- Reduced start-up wear
- Increased engine life, especially under severe service conditions
- Reduced emissions and oil consumption
- Improved power & performance of older engines
- Prevention of sludge, gum and varnish formation on engine parts both petrol & diesel engines

CAR CARE AND VALUE ADDED SERVICES

Please note: These are symptomatic treatments to be availed beyond 20000 kms and only when you have problems in your car as mentioned in first paragraph and are to be done only after you give your consent for carrying out these treatments.

TATA MOTORS has tied up with **M/s HOEC Bardahl India Ltd and M/s BG** 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

WARRANTY - TERMS AND CONDITIONS

We WARRANT each **TATA TIAGO** vehicle and parts thereof manufactured by us to be free from defect in material and workmanship subject to the following terms and conditions:

1. This warranty shall be for a period of **24 months from the date of sale of the car or a mileage of 75,000 Kms whichever occurs earlier.**
2. Our obligation under this warranty shall be limited to repairing or replacing, free of charge, such parts of the car which, in our opinion, are defective, on the car being brought to us or to our dealers within the period. The parts so repaired or replaced shall also be warranted for quality and workmanship but such warranty shall be co-terminus with this original warranty.
3. Any part which is found to be defective and is replaced by us under the warranty shall be our property.
4. As for such parts as Tyres, Batteries, Audio and / or Video equipment (if any), etc. not manufactured by us but supplied by other parties, this warranty shall not apply, but buyers of the car shall be entitled to, so far as permissible by law, all such rights as we may have against such parties under their warranties in respect of such parts.
5. This warranty shall not apply if the car or any part thereof is repaired or altered otherwise than in accordance with our standard repair procedure or by any person other than from our sales or service establishments, our authorized dealers, service centres or service points in any way so as, in our judgment which shall be final and binding, to affect its reliability, nor shall it apply if, in our opinion which shall be final and binding, the car is subjected to misuse, negligence, improper or inadequate maintenance or accident or loading in excess of such carrying capacity as certified by us, or such services as prescribed in our Owner's Manual are not carried out by the buyer through our sales or service establishments, our authorized dealers, service centres or service points.
6. **This warranty shall not apply to the replacement of normal wear parts, including without limitation, spark plugs, drive belts, hoses, wiper blades, fuses, clutch disc, brake shoes, brake pads, cables and all rubber parts (except oil seal and glass run).**
7. This warranty shall not cover any inherent normal deterioration of the car or any of its parts arising from the actual use of the car or any damage due to negligent or improper operation or storage of the car.
8. This warranty shall not apply to normal maintenance services like oils & fluid changes, head lamps focusing, fastener retightening, wheel balancing and alignment, tyre rotation, adjustment of valve clearance, fuel timing, ignition timing and consumables like bulbs, fuel, air & oil filters and gas leaks in case of air conditioned cars.
9. This warranty shall not apply to any damage or deterioration caused by environmental pollution or bird droppings.

WARRANTY - TERMS AND CONDITIONS

- Slight irregularities not recognized as affecting the function or quality of the vehicle or parts, such as slight noise or vibration, defects appearing only under particular or irregular operations are items considered characteristics of the vehicle.
10. This warranty shall be null and void if the car is subjected to abnormal use such as rallying, racing or participation in any other competitive sport. This warranty shall not apply to any repair or replacements as a result of accident or collision.
 11. This warranty is expressly in lieu of all warranties, whether by law or otherwise, expressed or implied, and all other obligations or liabilities on our part and we neither assume, nor authorize any person to assume on our behalf, any other liability arising from the sale of the car or any agreement in relation thereto.
 12. The buyer shall have no other rights except those set out above and have, in particular, no right to repudiate the sale, or any agreement or to claim any reduction in the purchase price of the car, or to demand any damages or compensation for losses, incidental or indirect, or inconvenience or consequential damages, loss of car, or loss of time, or otherwise, incurred or accrued.
 13. Any claim arising from this warranty shall be recognized only if it is notified in writing to us or to our authorized dealer without any delay soon after such defects as covered & ascertained under this warranty.
 14. **This warranty is fully transferable to subsequent vehicle owner. Only unexpired remaining period of warranty applies.**
 15. We reserve our rights to make any change or modification in design of the car or its parts or to introduce any improvement therein or to incorporate in the car any additional part or accessory at any time without incurring any obligation to incorporate the same in the cars previously sold.

TATA MOTORS LTD. 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.

ENVIRONMENT SAFETY

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:

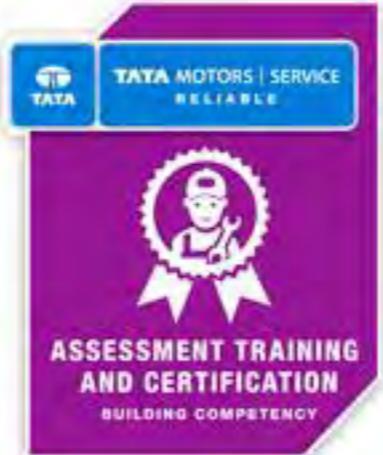
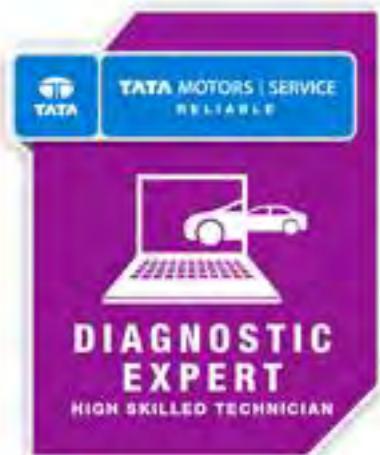
1. Fuel injection equipment's - pump, rail, injectors, nozzles and high pressure pipes.
2. Air Intake & Exhaust system, especially for leakages.
3. Cylinder head for valve leakage.
4. All filters such as air, oil and fuel filters (check periodically).
5. Turbocharger.
6. Electrical connections.
7. If the 'Service' lamp continuously glows, please take the vehicle to a TATA MOTORS authorized service outlet.
8. Catalytic Converter.
9. EMS wiring harness i.e. electrical connections to all sensors and actuators.

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.



TATA MOTORS | SERVICE

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Visit us: service.tatamotors.com

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