



In case you need any Clarification or Service Assistance, please contact our Dealer

Dealer code , name

Address

.....

.....

Contact person name and mobile no. (Sales)

.....

Contact person name and mobile no. (Service)

.....

Email id

Or

TVS Motor Company's Area Offices (flip over for addresses)

Or

Toll Free Number : 18004252077

Email : Service.Support@tvsmotor.com

CONTACT(S) FOR SUPPORT

CONTACT AT OUR AREA OFFICES

TAMILNADU-1

1. TVS Motor Company Limited

SPL - Sriram Nivas, 1st Floor,
No. 38, Venkatakrishna Road,
Mandaveli, Chennai - 600 028.
Phone : 044-24951652/24950018
Email : AO.Chennai@tvsomotor.com

TAMILNADU-2

2. TVS Motor Company Limited

No.10, 2nd floor,
Shree Shanmugapriya Towers,
Kannuswamy Street,
Behind Hotel Annapoorna,
R S Puram, Coimbatore - 641 002.
Phone : 0422-4350060/2541035
Email : AO.Coimbatore@tvsomotor.com

TAMILNADU-3

3. TVS Motor Company Limited

D-09, Srinidhi Block, Agrini Apartments,
Andalpuram, TPK Road,
Madurai - 625 003.
Phone : 0452-4208690
Email : AO.Madurai@tvsomotor.com

TAMILNADU-4 & PONDICHERRY

4. TVS Motor Company Limited

No. 37, 1st Floor,
West Brindavanam,
Near Le Royal Park Hotel,
Puducherry - 605 013.
Email : AO.Pondicherry@tvsomotor.com

KERALA

5. TVS Motor Company Limited

Ambady Towers, Second Floor,
Door No. 27/631, A6,
Edappally-Pookkattupady Road,
Edappally PO., Cochin - 682 024.
Phone : 0484-2544578/2556938
Email : AO.Cochin@tvsomotor.com

ANDHRA PRADESH-1

6. TVS Motor Company Limited

D-19, 302-3rd floor, Gayathri Arcade,
Vikrampuri, Secunderabad - 500 003.
Phone : 040-27840590/27844419
Email : AO.Hyderabad@tvsomotor.com

ANDHRA PRADESH-2

7. TVS Motor Company Limited

Door No. 58-2-35, NCK Plaza,
NTR Circle, Patamata,
Vijayawada - 520 010.
Phone : 0866-6575100
Email : AO.Vijayawada@tvsomotor.com

KARNATAKA-1

8. TVS Motor Company Limited

#600, Anand Surya, 2nd Floor, 5th Cross,
6th Phase, JP Nagar, BMTA Stop,
Bangalore - 560 078.
Phone : 080-42455000/25118000
Email : AO.Bangalore@tvsomotor.com

KARNATAKA-2 & GOA

9. TVS Motor Company Limited

BDP Plaza, 3rd floor, New Cotton Market,
Karnataka Bank Road, Hubli - 580 029.
Phone : 0836-4250617/4250618
Email : AO.Hubli@tvsomotor.com

CONTACT(S) FOR SUPPORT



CONTACT AT OUR AREA OFFICES

MAHARASHTRA-1 & 2

10. TVS Motor Company Limited

#401, 4th floor,
The Chambers, Plot No. 4/12/3,
Near Ganpati Chowk,
Viman Nagar, Pune - 411 014.
Email : Service.pune@tvsmotor.com

MAHARASHTRA-3

11. TVS Motor Company Limited

Plot No. 206, House No. 241,
Ward No. 73, 1st floor,
West High Court Road,
Dharampeth, Nagpur - 400 010.
Phone : 0712-2569932
Email : AO.Raipur@tvsmotor.com
Service.Nagpur@tvsmotor.com

CHATTISGARH

12. TVS Motor Company Limited

Magneto the Mall, Offizo 6th floor,
Office No. 627-628, Labhandi,
GE Road, Raipur - 492 010.
Phone : 0771-4260006
Email : AO.Raipur@tvsmotor.com

MADHYA PRADESH-1

13. TVS Motor Company Limited

211-212, 2nd floor,
Chinar Incube Business centre,
Chinar Fortune City,
Near Brindavan Dhaba,
Hoshangabad Road, Bhopal - 462 026.
Phone : 0755-2499406/2499306
Email : AO.Bhopal@tvsmotor.com

MADHYA PRADESH-2

14. TVS Motor Company Limited

301, 3rd floor,
Shagun Arcade, Vijay Nagar,
Indore - 452 010.
Phone : 9826388896
Email : AO.Indore@tvsmotor.com

GUJARAT

15. TVS Motor Company Limited

109, Ayana Complex,
Opp : Suvarna Villa Bungalows,
100 ft Thaltej Hebatpur road,
Off : S.G. highway, Thaltej,
Ahmedabad - 380 054.
Phone : 079-65443748
Email : AO.Ahmedabad@tvsmotor.com

UTTAR PRADESH-EAST & CENTRAL

16. TVS Motor Company Limited

1st floor, Cyber Tower, TC-34/V-2,
Vibhuti Khand, Gomti Nagar,
Lucknow - 226 010.
Phone : 0522-4918300
Email : AO.Upe@tvsmotor.com
AO.upc@tvsmotor.com

UTTAR PRADESH-WEST & UTTARAKHAND

17. TVS Motor Company Limited

K-23, 1st floor, Lajpat nagar, Part II,
New Delhi - 110 024.
Phone : 011-29834773/29834640
Email : AO.Upw@tvsmotor.com

DELHI & HARYANA

18. TVS Motor Company Limited

K-23, 1st floor, Lajpat nagar, Part II,
New Delhi - 110 024.
Phone : 011-29834773/29834640
Email : AO.Delhi@tvsmotor.com
AO.Haryana@tvsmotor.com

CONTACT(S) FOR SUPPORT



CONTACT AT OUR AREA OFFICES

PUNJAB, HIMACHAL PRADESH, JAMMU & KASHMIR

19. TVS Motor Company Limited

SCF- 10-11, Kalghaidhar Enclave,
Baltana Road, Zirakpur,
District Mohali - 140 603.
Phone : 01762-653477/653480
Email : AO.Chandigarh@tvs motor.com

RAJASTHAN-1

20. TVS Motor Company Limited

Plot No. 16-17,
Top floor of National Motors,
Jhotwara Industrial Area,
Jaipur - 302 012.
Phone : 0141-5150900/5150901
Email : AO.Jaipur@tvs motor.com

RAJASTHAN-2

21. TVS Motor Company Limited

204, 2nd floor,
Daulet Chambers, 4-D,
Sardarpura, Udaipur - 313 004.
Phone : 9001897485
Email : AO.Udaipur@tvs motor.com

BIHAR

22. TVS Motor Company Limited

N-Plaza, Jamal Road,
P.S. Kotwali, Patna - 800 001.
Phone : 0612-2200068/2200069
Email : AO.BNJ@tvs motor.com

JHARKHAND

23. TVS Motor Company Limited

2nd floor, Lucas Building,
Argora Bypass Road,
Ranchi - 834 002.
Phone : 0651-2244715
Email : AO.Ranchi@tvs motor.com

ODISHA

24. TVS Motor Company Limited

#303, 3rd floor,
Creative Plaza, Rasulgarh,
Bhubaneswar - 751 010.
Phone : 0674-2580018/2580019
Email : AO.Bhubaneswar@tvs motor.com

WEST BENGAL

25. TVS Motor Company Limited

9/2, Dover lane, Ground floor,
Gariahat, Kolkata - 700 029.
Phone : 033-24617092/24617096
Email : AO.kolkata@tvs motor.com

NORTH EAST STATES

26. TVS Motor Company Limited

147, Udayan, Ganesh Guri,
Opp. Punjab National Bank,
R G B. Road,
Guwahati - 781 005.
Phone : 0361-2202030/2202031
Email : AO.Guwahati@tvs motor.com

UNIQUE FEATURES OF TVS JUPITER



ECONOMETER®

Your speedometer has ECONOMETER® which indicates whether you are riding in Economy Mode or Power mode. This is unique feature of your scooter which guides you to ride your scooter fuel efficiently. Refer page no. 12 for details.



UNIQUE PASS-BY SWITCH (First Time in Scooters)

Pass-by Switch is a feature first time introduced in scooters ever. It allows you to easily switch between high & low beam of the headlamp with easy press and auto release. It is helpful especially while overtaking. Refer page no. 14 for details.



EXTERNAL FUEL FILL

No other Scooter offers you this unique facility. You can get petrol filled without even getting out of your seat.



RETRACTABLE BAG HOOKS

Your scooter has two retractable Bag Hooks to carry light luggage like carry bags weighing upto 3 kg. One hook is located below the handle bar on the rear panel and the other one is located on the cover front below the front end of seat.



TUBELESS TYRES

Another important unique feature in your scooter is "Tubeless Tyres". Tubeless tyres reduce the chances of getting punctured. Even if there is a puncture, sudden leakage of air is avoided, thereby provide better safety and convenience. It is also very easy to repair the punctured tyres.



UNIQUE FEATURES OF TVS JUPITER



TELESCOPIC FRONT & GAS FILLED REAR SHOCK ABSORBERS

Your Scooter has Motorcycle-like Telescopic Front Suspensions for extreme comfort and Gas Filled Shock Absorber in the rear for excellent riding comfort even on bad roads.



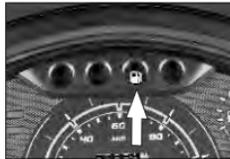
MFR HEADLAMP

Your scooter has a "Multi Focal Reflector" brightest headlamp with 'Halogen bulb' for better visibility in dark. It also has stylish twin pilot lamps on either side of the headlamp for city riding.



LOW FUEL INDICATOR

Low Fuel Indicator- is yet another unique feature of your scooter which indicates you to refill the fuel, when the fuel in the tank goes below minimum safe level. Refer page 13 for details.



PATENTED E-Z CENTRE STAND

E-Z Centre Stand of your scooter reduces the effort required to place the scooter on stand. Refer page no. 18 for operating procedure.



ALL BLACK LARGER ALLOY WHEELS

All Black Larger Alloy Wheels with high mechanical advantage gives progressive braking of your scooter, results in best-in-class 'shortest distance' braking. It also provide superior comfort in bad road conditions.



LED TAIL LAMP-CUM-BRAKE LAMP

Your scooter has a LED Tail Lamp-cum-Brake Lamp for better visibility and stylish looks.



UNIQUE FEATURES OF TVS JUPITER



PARKING BRAKE (REAR BRAKE LOCK)

Parking Brake is another unique safety feature which protects your scooter from falling due to wheel rotation when it is parked with the side stand on a slope. Refer page no. 14 for details.



IGNITION LOCK WITH SECURITY SHUTTER

Security Shutter on the ignition lock is a unique feature for an additional safety of your scooter.

Security shutter protects the use of key other than the original supplied along with your vehicle. Refer page no. 11 for operating procedure.



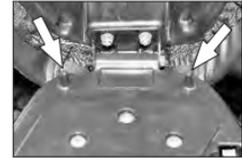
UNDER-SEAT STORAGE (UTILITY BOX)

Your scooter has a 17 litre under-seat storage space to carry your luggage belongings, full face helmet etc., refer page no. 20 for details.



HELMET HOOKS

Your scooter has two helmet hooks under the seat assembly at the front end of utility box to secure your helmet. Refer page no. 21 for details.



INTELLIGENT TCI

Your scooter's fuel efficient engine uses Intelligent TCI Inbuilt with variable timing modes, makes sure that you get the best from your engine.



AUTO FUEL COCK

Your scooter has an Auto Fuel Cock which supplies the fuel based on the engine suction. It is not necessary to switch the fuel cock 'ON' and 'OFF' manually.



UNIQUE FEATURES OF TVS JUPITER



SEAT-CUM-FUEL TANK CAP LOCK

Your scooter has a Dual lock for opening the seat assembly and fuel tank cap. You can open the fuel tank cap without even getting down from the scooter, refer page no. 16 & 19 for operating procedure.



INDICATOR BUZZER

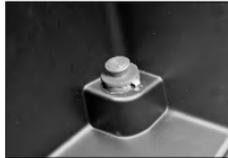
Your scooter has an electronic buzzer which alerts you that the turn signal indicators are 'ON'. This buzzer comes as a mandatory accessory.

ACCESSORIES FOR YOUR VEHICLE

MOBILE CHARGER SOCKET

Mobile Charger Socket is supplied as an optional accessory for your scooter. Location for the socket is provided inside the utility box.

Contact nearest TVS Motor Company Authorised Main Dealer or Authorised Dealer for fixing the socket. Refer page no. 22 for usage details.



** Mandatory and optional accessory will be charged extra*

Dear JUPITER Owner,

Thank you for choosing **TVS JUPITER**, a stylish scooter with all new CVT-I Engine & many class-leading features. As a proud owner of **TVS JUPITER**, you are now part of a family of millions of satisfied TVS customers.

With **TVS JUPITER**, riding comfort enters a new dimension. This innovative mobility embodies a combination of class-leading features and style unprecedented in the two-wheeler segment. Its unique vehicle design and superior ergonomics makes it a scooter which gives you more in every aspect.

This manual explains the features and operations of your **TVS JUPITER**. Kindly read it carefully and follow the instructions to enjoy years of safe riding. To ensure reliable performance, we urge you to get your **TVS JUPITER** serviced only at TVS Motor Company Authorised Main Dealers / Authorised Dealers at specified regular periodic intervals.

We welcome you once more to a world of comfortable and easy riding!

TVS MOTOR COMPANY LIMITED

This manual should be considered as a permanent part of the scooter and should remain with the scooter when resold or transferred to a new owner.

All information, illustrations, photographs and specifications contained in this owner's manual are based on the latest product information available at the time of this publication. TVS Motor Company Limited may, however, incorporate modifications or improvements on its vehicles at any time without notice, and therefore, in such events it is possible that the relevant part of the owner's manual does not apply to your vehicle.

Prior permission of TVS Motor Company Limited is required for quoting, copying or reproducing any part of this owner's manual.

**Note**

Accessories shown in the picture may not be part of the standard equipment.

Operating this vehicle safely is an important responsibility of the rider. To help you make decisions about safety, we have provided operating procedure and other information in this manual. This information alerts you on potential hazards that could hurt you or others. Since it is not possible to warn you about all hazards associated with operating or maintaining the vehicle, you must use your own judgement.

You will find important safety information in following form in this manual. These words carry the following connotations:



Warning

*Disregarding this message might result in **injury to the rider**.*



Caution

*This message indicates special procedures or precautions to be followed to **avoid damage to the vehicle**.*



Note

*This message provides further clarification for **clearer understanding of any particular information**.*

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RUNNING-IN INFORMATION



The first 1000 km is a crucial part for the life of your scooter. Proper running-in operation during this period helps in ensuring a **maximum life** and **smooth performance** of your scooter.

The reliability and performance of your scooter depends on the special care and restraint exercised during the running-in period. It is especially important that you avoid operating the engine in high speed (RPM), which could expose the engine parts to excessive stress. Maximum recommended speed during the running-in is:

Maximum 50 kmph speed upto 1000 km (vary the engine speed for better mating of parts).

The first free service at 500 ~ 750 km is most important. During running-in period all the engine components and other parts will have set in. All adjustments to be restored, all fasteners to be tightened. Engine and transmission oil to be replaced. Timely performance of the first free service will ensure optimum service life and performance from the engine.



Caution

Replacing the engine and transmission oil during first free service is most important for better life of engine. Always use TVS TRU4 PREMIUM, 4T oil (SAE10W30 API-SL, JASO MA2) for better performance and life.

SAFE RIDING RECOMMENDATIONS

Any two wheeler riding requires some precautions to be taken to ensure the safety of the rider, pillion and other road users. These precautions are:

Familiarise yourself with new TVS JUPITER

Riding skill and your mechanical knowledge form the foundation of safe riding practices. We suggest you to practice riding TVS JUPITER in a low-traffic condition until you are thoroughly familiar with your vehicle and its controls. Remember practice makes you perfect.

Riding apparel

Loose, fancy clothing can be uncomfortable and unsafe when riding a two-wheeler. Choose good quality two wheeler riding apparel.

Know your limits

Ride within the boundaries of your own skill at all times. Knowing these limits and staying within them will help you avoid accidents.

Posture

Proper vehicle riding starts with proper posture.

1. Keep your elbows inside close to the body and flexible.
2. Hold your arms at an angle of about 120°.
3. Hips should be in a position so that arms and shoulders are relaxed.
4. Look widely instead of gazing at one point.
5. Relax to guard against a sudden impact.
6. Point the toes straight ahead.

Warning

Two wheeler safety equipment starts with a safety helmet of good quality. One of the most serious injuries that can happen is a head injury. Always wear ISI approved helmet. You should also have good suitable eye protection.

One-hand riding is dangerous. Keep both hands firmly on the handle bar and both feet securely on the floor board. Under no circumstances should both the hands be removed from the handle bar, as it is very dangerous. **Avoid use of mobile phones while riding as it could lead to fatal accident.**

Cornering

When cornering, centrifugal force works in a direction perpendicular to the direction in which the vehicle is moving. Centrifugal force increases in proportion with speed and the radius of the corner.

During cornering, reduce speed so as to lessen the effects of centrifugal force. By all means, avoid abrupt application of brake or sudden steering.

Warning

Slow down to a safe speed before negotiating a corner. If this is the first time that you are riding a vehicle of this type, we suggest that you practice on a safe, open area to become thoroughly familiar with the operation of the vehicle.

Braking

For safe riding, it is very important to master the braking techniques.

1. Close / release the throttle.
2. Hold the vehicle upright as you apply the brake.
3. Progressive application of brake is safer.
4. **Apply both the brakes.**
5. Riding down hills, while cornering and wet roads close throttle and come to a slower speed to avoid the loss of control over the vehicle due to skidding.

Causes for poor braking

1. If the brake shoes or drum are worn out or if there is water or oil on them, sufficient friction does not develop and brakes do not work well.

SAFE RIDING TIPS



2. Even when the brake works normally, if the road surface is wet or the tyre surface is worn-out, tyres do not take a firm hold on the surface, increasing the stopping distance.
3. Approximately 60% braking effect is from front brake. **Non-usage of front brake causes poor braking.**



Warning

As the vehicle speed increases, the stopping distance also increases progressively. Be sure that, you have sufficient distance between you and the vehicle or obstruction ahead of you.

Avoid directing the water jet directly towards brake drums / disc pads during water wash.

*Using only the front or rear brake is dangerous and can cause skidding and loss of control. **Apply both the brakes together and with great care on a wet road or other slippery surfaces.** Any abrupt braking on slippery or irregular roads can cause loss of rider control.*

ACCESSORY INSTALLATION AND SAFETY TIPS

Use extreme caution while selecting and installing the accessories for your scooter.

The addition of **unsuitable accessories can lead to unsafe operating conditions.** Your friendly Dealer will assist you in selecting quality accessories and installing them correctly.

While selecting the accessories, make sure the accessories **should not obstruct lighting, steerability, suspension level and ground clearance.**

Additional electrical equipments and controls should not exceed the specified electrical system load of the vehicle (capacity of battery and magneto).

EMISSION CONTROL

All the TVS vehicles are tested in the factory for optimum fuel efficiency and lowest possible CO levels. **Do not disturb the Carburettor settings as this may lead to higher fuel consumption and also higher CO levels.**

SAFE RIDING TIPS



If the vehicle needs any adjustments, please consult nearest TVS Motor Company Authorised Main Dealer or Authorised Dealer.

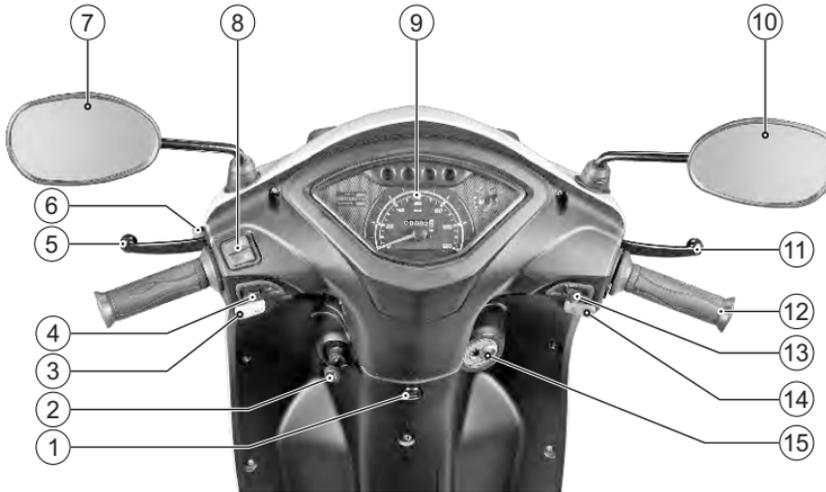
While adequate care is exercised at the factory to ensure that the emissions are within the limits, it is essential for the owner to always maintain the scooter in good condition by getting it periodically checked and serviced by TVS Motor Company Authorised Main Dealer or Authorised Dealer so that the emission and fuel consumption levels are maintained as per norms.



Note

Get your vehicle certified by the Government authorised emission testing stations at specified intervals.

LOCATION OF PARTS - HANDLE BAR



1. Bag hook (front)
2. Choke knob
3. Horn switch
4. Turn signal lamp switch
5. Rear brake lever
6. Parking brake (rear brake lock)
7. Rear view mirror L
8. High/low beam cum pass by switch
9. Speedometer assembly
10. Rear view mirror R
11. Front brake lever
12. Throttle grip
13. Lights ON/OFF switch
14. Electric starter switch
15. Ignition cum steering lock

LOCATION OF PARTS - VEHICLE LEFT SIDE



1. Rear brake adjusting nut
2. Lady foot rest - foldable*
3. Kickstarter lever
4. Effortless easy center stand
5. Side stand*
6. Pillion foot rest L
7. Speedometer cable
8. Front brake adjusting nut
9. Seat cum fuel tank cap lock
10. Pillion handle

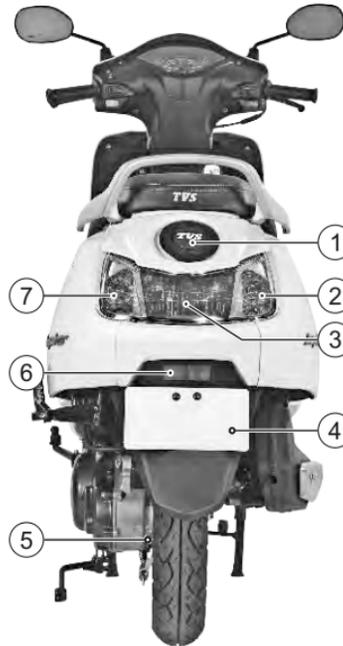
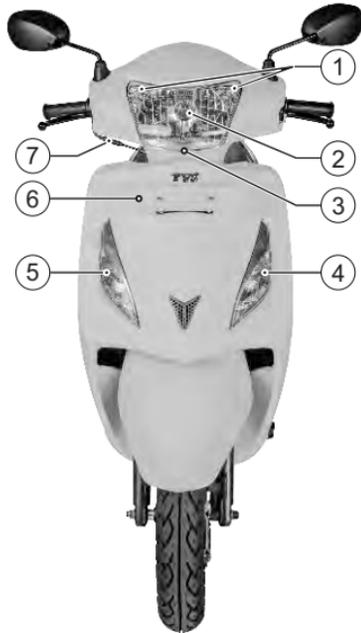
** Mandatory and optional accessory will be charged extra*

LOCATION OF PARTS - VEHICLE RIGHT SIDE



1. Front wheel axle nut
2. Bag hook (rear)
3. Cover front
4. Pillion foot rest R
5. Gauge oil level
6. Muffler assembly
7. Rear fender
8. Seat assembly
9. Bag hook (front)

LOCATION OF PARTS - VEHICLE FRONT & REAR



FRONT

1. Position lamps
2. Head lamp
3. Head lamp focus adjuster
4. Turn signal lamp front LH
5. Turn signal lamp front RH
6. License plate front*
7. Throttle cable adjuster

REAR

1. Fuel tank cap
2. Turn signal lamp rear RH
3. Tail / brake lamp
4. Licence plate rear*
5. Transmission oil level screw
6. Reflex reflector
7. Turn signal lamp rear LH

* Mandatory accessory will be charged extra

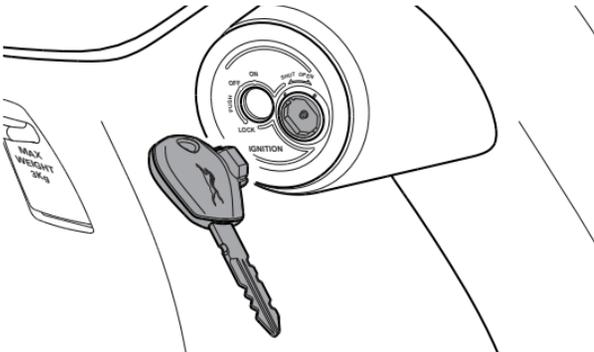
CONTROL KEY

TVS JUPITER comes with a pair of identical control keys. These keys are to operate ignition cum steering lock (including safety shutter), seat lock and fuel tank cap.

IGNITION CUM STEERING LOCK

TVS JUPITER has a safety shutter in the ignition cum steering lock for an additional safety.

To open the safety shutter, align the key head to the safety shutter hole by matching the projections of key head to the slots of the shutter knob hole and turn it in clockwise direction.



There are three positions in the ignition cum steering lock. They are:

1. 'OFF' position

All the electrical circuits are turned 'OFF' in this position. Engine will not start. Key can be taken out.

2. 'ON' position

In this position, all the electrical circuits are turned 'ON' and the engine can be started now. Key cannot be removed in this position.

3. 'LOCK' position

TVS JUPITER steering can be locked in both 'left' and 'right' directions.



To lock the steering, turn the handle bar all the way to the 'left' or 'right'. Push the key in and turn it to the 'LOCK' position and take out. All the electrical circuits are turned 'OFF' in this position. Safety shutter can be closed in the reverse order of opening. Insert the key into the lock and turn it to 'OFF' or 'ON' position to unlock the steering.



Warning

Never attempt to move the vehicle when the steering is locked, you may lose balance.



Caution

Leaving the ignition cum steering lock in 'ON' position will drain the battery when the vehicle is not in use. "Switch Off" and take the key out when the vehicle is not in use. For safety, always lock the steering and close the safety shutter while parking.



Note

Anti corrosion spray can be sprayed on the shutter release knob in regular intervals to avoid stuck-up of shutter due to corrosion.

SPEEDOMETER ASSEMBLY



1. Speedometer

Indicates vehicle speed in kilometers per hour.

2. Economy and power indicators

Eco indicator (green lamp) indicates that the vehicle is running in economy mode which gives better fuel economy.

Power indicator (amber lamp) indicates that the vehicle is running in power mode which results in reduced fuel economy.



Note

Always ride the vehicle in 'economy mode' for better fuel efficiency.

Whenever the vehicle is switched 'OFF' and started again, if the engine is kept running in idle mode for more than 110 seconds approx, the power mode indicator blinks and informs you that the fuel is getting wasted and the engine needs to be switched 'OFF' to save the fuel.

Similarly, during running, if the vehicle is kept more than 20 seconds in idling mode, the power mode indicator blinks and warns again.

If the battery voltage is very low, power mode lamp will glow once you switch 'ON' the ignition key till you start the vehicle. Electric starter will not work in this condition. Use kick starter only. Contact TVS Motor Company Authorised Main Dealer or Authorised Dealer.

3. Turn signal indicator lamp left

Flashes when the left side turn signal indication is activated.

4. High beam indicator lamp

Glowes either when the head lamp high beam or the pass-by is activated.

5. Low fuel warning indicator lamp*

"Low Fuel Indicator (LFI)" is a safety indicator to caution you to fill the petrol as soon as possible. Minimum 600 ml petrol will be available in the tank when this indication comes "ON".

6. Turn signal indicator lamp right

Flashes when the right side turn signal indication is activated.

7. Fuel gauge

Fuel gauge indicates the approximate quantity of fuel available in the fuel tank.

8. Odometer

Registers and displays the total distance covered by the vehicle in kilometers. The last digit denotes one tenth of a kilometer.

* 'LFI' is not a mileage calculating medium and it should not be used for measurement of fuel consumption

HANDLE BAR LEFT SIDE

1. Horn switch

Press the switch '📢' to operate the horn.

2. Turn signal lamp switch

Slide the turn signal lamp switch to left '↶' or right side '↷' to operate respective turn signal lamps (LH/RH). Press the switch to turn 'OFF'.

3. Rear brake lever

The rear brake is applied by squeezing the rear brake lever gently towards the handle grip. The brake lamp glows on application of rear brake.

4. Rear brake lock lever

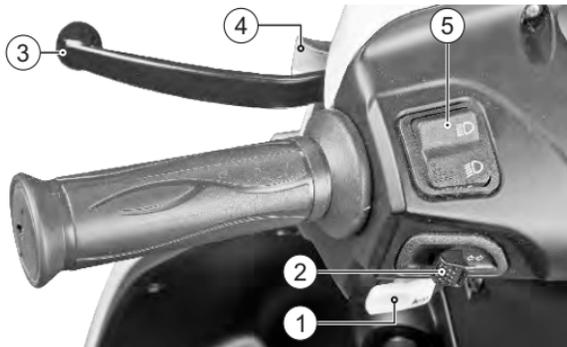
Rear brake lock is useful when your scooter is parked with side stand on a slope to avoid falling.

To apply the rear brake lock, squeeze the rear brake lever fully towards the grip as much required, by holding it as it is press and hold the brake lock lever. Now release the brake lever and ensure the brake is locked properly.

To release the rear brake lock, squeeze the rear brake lever further in and the lock will release automatically, then release the brake lever.

5. High/low beam cum pass by switch

With the lights switch in 'ON' condition, press the high/low beam switch towards '☰' to operate high beam of head lamp and towards '☷' to operate the low beam of head lamp.



Warning

Always use the appropriate turn signal lamps when you intend to change lanes or take turns. Be sure to switch 'OFF' the turn signal lamps after negotiating the lanes or turns.

TVS JUPITER has a combined switch for head lamp 'high/low' beam and pass by. To operate the pass by, keep the switch in 'low beam' position, press gently and release. This makes the head lamp high beam to flash and signal the approaching vehicle. The pass by signal can be used while overtaking during day time.

Warning

Use appropriate head lamp beam 'high/low' as per the traffic and road conditions for your safety and to avoid inconvenience to other riders.

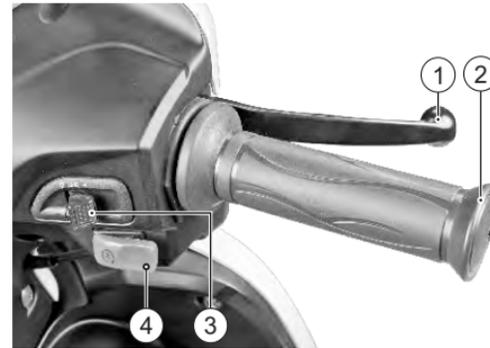
HANDLE BAR RIGHT SIDE

1. Front brake lever

The front brake is applied by squeezing the front brake lever gently towards the throttle grip. The brake lamp glows on application of front brake.

2. Throttle grip

Engine speed is controlled by the rotation of the throttle grip. Twist it towards you to increase the engine speed and twist it away from you or release it to decrease the engine speed.



3. Lights switch

Light switch has the following positions. Working of switch at various position are as follows:

OFF: All the lamps are turned 'OFF' when the switch is positioned at '●' even though engine is running.

PO: Position lamps, speedometer lamp, tail and license plate lamp glows when the switch is positioned at '☰' and engine is running.

ON: Head lamp also glows along with the above mentioned lamps when the switch is positioned at '☀' and engine is running.

4. Electric starter switch

Press the starter switch 'Ⓢ' to start the engine electrically along with the application of either front or rear brake.

CHOKE KNOB



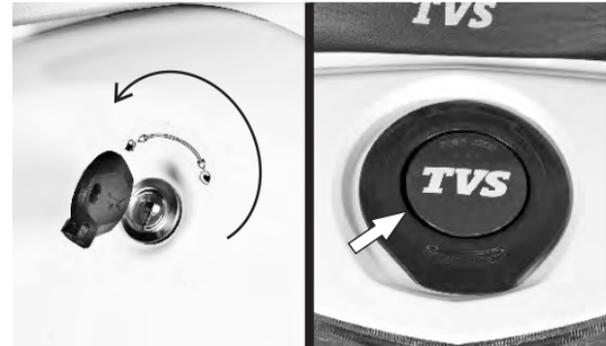
Caution

Always use choke for starting the cold engine. Never open the throttle fully when the choke is applied. It may lead to flooding of fuel and difficulty in starting.

Pull the choke knob fully to operate the carburettor choke. **During cold start, pull the choke knob and start the vehicle using electric starter or kicklever without opening / with less opening of throttle.**

Once the engine is started and running in stable RPM, release the choke by pushing choke knob to its original position and ride the vehicle.

FUEL TANK* CAP



* The fuel tank is not a measuring instrument and the capacity of the fuel tank may slightly vary from the indicated capacity.

Fuel tank is located at the rear end of the vehicle below the pillion holder.

To open the fuel tank cap, insert the control key into the 'seat / fuel tank cap lock' and turn it in anti-clockwise direction. The fuel tank cap opens automatically. To close the cap, gently press the cap in its position and ensure locking by hearing '**click**' sound.

Warning

Never refill fuel near open flame. Do not smoke while refueling. Do not use cell phones while refueling.

Caution

Ensure that the fuel gun is inserted fully in the tank neck while refueling. Whenever refueling, fill upto the bottom of neck portion (insert level) of the fuel tank. Filling above the neck may result in improper breathing of fuel tank and seepage of fuel.

Caution

While refueling, avoid spillage of petrol on the tyre. If fuel spills on tyre, the tyre will loose its grip on the road. Ensure to close fuel tank cap without fail to avoid fuel spillage.

KICKSTARTER LEVER

The kickstarter lever is located on the left side of the vehicle. To start the vehicle, keep the ignition in 'ON' condition and apply the rear brake as a safety precaution to prevent the rear wheel rotation.

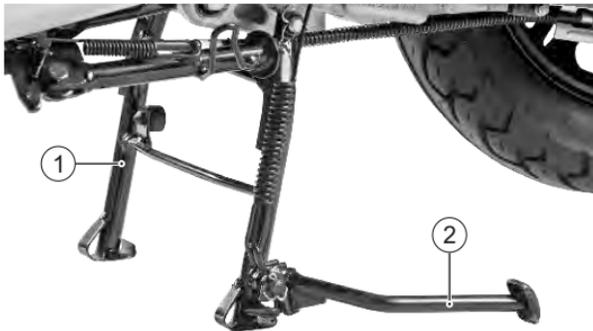


Keep your foot on the lever extension as shown in the figure. Kick the lever from top and stroke to bottom with rapid motion.

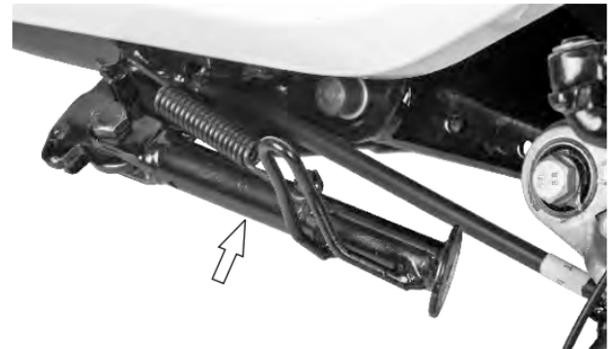
EFFORTLESS E-Z CENTRE STAND

TVS JUPITER is equipped with a effortless centre stand. The centre stand (1) has a pivoted flexible spring loaded lever arm (stand extension) (2) to increase the lever ratio, which enables parking on centre stand effortlessly and very conveniently.

To place the vehicle on centre stand, hold the handle bar left grip with left hand. Place your foot firmly on the centre stand extension (2) and press.



SIDE STAND (mandatory accessory)*



KNOW YOUR TVS JUPITER



Side stand can be operated by sitting on vehicle with your left foot by pushing it away from the vehicle till it stops.

Warning

Always release the side stand to its full up position before moving the vehicle.

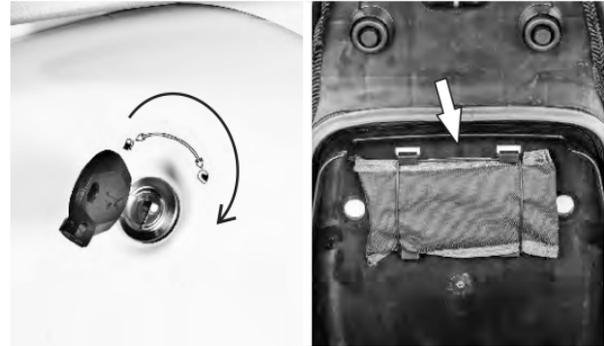
Caution

Never sit on vehicle when it is supported by stands. Always park the vehicle on a flat, firm surface.

* Mandatory accessory will be charged extra

TOOL KIT AND FIRST AID KIT

To assist you in performing certain aspects of periodic maintenance and emergency repairs, a tool kit is supplied along with the vehicle and it is located below the seat base. To access the tool kit, insert the control key into seat lock and rotate it in clockwise direction. Lift and open the seat.



The tool kit consists one number each of the following. Ensure the contents of the tool kit.

1. 10x12 mm spanner
2. Combination screw driver bit
3. Screw driver handle
4. Tool bag

Caution

It is recommended to use the tool kit in case of any emergency only. It is always advisable to take your vehicle to TVS Motor Company Authorised Main Dealer / Authorised Dealer.

UTILITY BOX

Utility box is located below the seat. Lift the seat by unlocking the seat lock as explained earlier, to access the utility box. A separate cover (A) is provided inside the utility box. Remove this cover to access the carburettor for servicing purpose.



Warning

Operating the TVS JUPITER overloaded will hamper riding stability and may lead to loss of control. Hence, it is advisable to carry the recommended amount of load only.

Caution

Utility box can be used to carry a load of 10 kg maximum.

Do not carry perishable items inside the utility box. It is not fully sealed. Do not allow / spray water to get inside the utility box. Take care not to spill petrol or oil into the utility box.

*Do not keep heat-sensitive items inside as it may get hot on long rides. **Do not keep valuable items inside the utility box when leaving the vehicle unattended.***

HELMET HOOKS

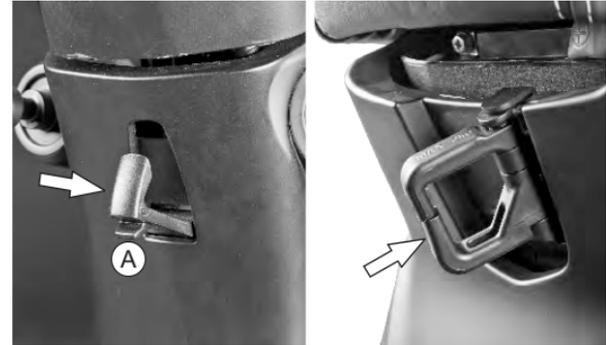
Two helmet hooks are provided under the seat assembly at front end near the seat hinge to secure your helmet. Open the seat assembly (refer page no. 19) to access the helmet hooks. Hook the helmet strap in the helmet hook properly and close the seat assembly.



BAG HOOKS

There are two bag hooks provided with your scooter to carry light luggage like carry bags weighing upto 3 kg. One hook is located below handle bar on the rear panel.

Just pull out the hook from the top (A) to hang your luggage. Push back the hook once it is free. Similarly, the other one is located on the cover front below front end of the seat assembly. Pull out the hook from its position. Open the top lid and hang your cargos. Lid will get close automatically. Push back the hook to its original position once it is free.



 **Caution**

Care should be taken not to attach the luggage which hangs out of your scooter. Please note that the luggage attached to your scooter should not interfere your feet movement.

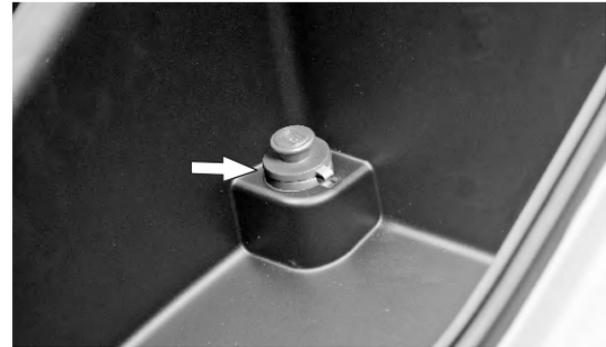
SOCKET MOBILE CHARGER*

This socket enables you to charge the mobile phone when you are traveling. Open the seat assembly to access the socket mobile charger.

The mobile can be kept inside the utility box during charging. Please go through the operating manual of the mobile phone and use a suitable adaptor for the battery operation recommended by the mobile phone manufacturer for that particular model. Also follow the instructions given below:

1. **Use this socket only for charging the mobile phone, don't connect any other accessories (cigarette lighter, walkman, torch etc.).**
2. We recommend to use this socket for charging during engine running only.
3. **Don't use this socket when engine is in 'OFF' condition. Else, it may lead to battery discharge.**
4. Use of wrong adapter may cause damage to the mobile phones. **TVS Motor Company will not be responsible for damages caused due to the use of non standard adaptor.**

* Optional accessory will be charged extra



5. Close the socket mobile charger using the cap provided with it when it is not in use to avoid dust / water entry.
6. Ensure that the socket is in closed condition during water wash. Also do not direct water jet towards the socket to avoid short circuit.
7. Do not apply any grease, oil, soap solution etc., inside the socket mobile charger.



Caution

Secure your mobile phone properly during charging and protect it from any liquid, dust etc.

PRE RIDE INSPECTION

Check the following items before riding.

ITEM	WHAT TO CHECK FOR
Engine oil	Availability of oil upto the level (page no. 34)
Transmission oil	Availability of oil upto the level (page no. 35)
Fuel	Enough fuel for the planned distance of running
Tyres	Correct pressure (page no. 38) Adequate tread depth No cracks or cuts.
Battery	Proper working of electric starter, horn, fuel gauge, pass by, brake lamp and turn signal lamps. Electrolyte level (page no. 31)
Lighting	Proper working of head lamp high / low beam, high beam indicator, position lamps, speedo back illumination, tail lamp and number plate lamp.
Steering	Smooth movement No play or looseness
Throttle	Correct free play of cable Smooth operation
Brakes	Correct front and rear brake lever play (page no. 36)
Wheels	Free rotation

STARTING THE ENGINE

Ensure availability of fuel in the fuel tank. Insert the control key into the ignition cum steering lock and turn it to the 'ON' position. Apply any one of the brake and press the electric starter switch to start electrically or kick start.

When the engine is cold

- ❑ Pull the choke knob fully and start the engine using electrical starter / kick starter with no opening / very less opening of throttle.
- ❑ Once the engine is started and running stable, release the choke by pushing choke knob to its original position and ride the vehicle (when the engine is warm / hot do not use choke).

SETTING THE VEHICLE IN MOTION

1. Twist the throttle grip slowly towards you and simultaneously release the brake lever gently and smoothly. The vehicle will start moving forward.
2. As the vehicle picks up speed, increase the throttle slowly.



Warning

Do not run the engine in indoors where little or no ventilation available. Exhaust gas is extremely poisonous.

Do not raise the throttle rapidly so the vehicle will move forward suddenly and lead to loss of control.



Caution

Do not keep the engine in idling rpm for long and do not open excessive throttle when engine is idling and the vehicle is parked, it leads to overheating of engine and damage to internal components.

STOPPING AND PARKING

1. Close the throttle completely and apply both the brakes simultaneously.
2. Turn the ignition 'OFF'.
3. Park the vehicle on a firm, flat surface.
4. Lock the steering and take out the control key. Finally close the safety key shutter lock.

Warning

Reduce speed to a safe limit before turning / cornering. Do not apply brake while turning / cornering.

FUEL RECOMMENDATION

Use unleaded petrol only.

The petrol should be 85 to 95 octane by research method. Use recommended fuel additives for longer life of engine components and lower maintenance. Petrol mixed with ethanol will have impact on engine components. Contact your TVS Motor Company Authorised Main Dealer / Authorised Dealer for usage.

Caution

Never mix oil in petrol in the fuel tank. Always fill fuel from the reputed and reliable fuel stations.

Note

Use fuel additives in petrol as recommended by the respective manufacturer for low carbon deposition.

CHECKS AND TIPS FOR IMPROVING FUELECONOMY

Regular checks

Carry out the periodic maintenance checks as specified in this manual (page no. 28 and 29).

Regular maintenance checks will save fuel and ensure trouble-free, enjoyable and safe riding besides keeping environment clean.

Spark plug

A dirty or defective spark plug leads to wastage of fuel due to incomplete combustion. Clean and adjust the spark plug only if necessary. **Replace the spark plug every 12000 kms (1 year). Always use recommended spark plug only.**

Air cleaner element

A dirty air cleaner element restricts airflow and increases fuel consumption. **Replace the element every 12000 kms.**

Since viscous filter is used in your scooter it is not recommended to clean the filter. Replace the filter incase of any abnormalities.

Engine oil and Transmission oil

Dirty or less engine oil increases friction between various parts of the engine and reduces the engine life, thereby increases the fuel consumption.

Running with low transmission oil will cause damage to the gears and bearings.

Regularly inspect the engine oil and the transmission oil for correct level and top-up if necessary. Get it replaced at regular intervals as per the maintenance schedule.

Fuel leak

Inspect and arrest fuel leaks if any from tank, carburettor and fuel lines. Loss of fuel due to leak may drain the fuel tank completely.

Evaporation

Vehicle parked in the hot sun leads to wastage of fuel through evaporation. Also, lower fuel levels in the tank will have increased evaporation and condensation of moisture inside.

Ensure to close fuel tank cap after every filling. If the fuel tank cap kept open for long time, it leads to safety and fuel loss.

Tyres

Low tyre pressure has adverse effect on the vehicle. The **drag on the vehicle** increases resulting decreased fuel economy. Further more, handling may be adversely affected.

Inspect the tyre pressure regularly (weekly) and inflate it to the recommended pressure (refer page no. 38). Never use tyres which are worn beyond the permissible limit.

Wheel freeness

Inspect and ensure the wheel freeness by rotating the wheel at least once in a week to avoid wastage of fuel.

Avoid unnecessary idling

While waiting for someone or stopping in signals for long time, if the engine is kept running at idle speed, it causes unnecessary wastage of fuel.

Avoid frequent braking

Anticipate corners and slopes as well as the traffic conditions. **Unnecessary and frequent braking will reduce the fuel economy. Never accelerate and apply brake simultaneously.** It leads clutch shoes wear and wastage of fuel.

MAINTENANCE SCHEDULE

The maintenance schedule indicates the intervals between periodic services. At the end of each interval, be sure to inspect, check, replace, adjust, lubricate and service as instructed. If the maintenance is not done periodically, it will result in rapid wear and severe damage to the vehicle. If the vehicle is used under high stress conditions such as continuous full throttle operation or if used / operated in dusty climate, certain jobs should be performed more often to ensure reliability of the vehicle. Cylinder head, steering components, suspension and wheel components etc., are key items and require very special and careful servicing. TVS Motor Company Limited strongly recommends that the jobs as per the maintenance schedule be performed by your TVS Motor Company Authorised Main Dealer / Authorised Dealer.

Periodic inspections may reveal one or more parts that may need replacement. Whenever replacing parts on TVS JUPITER, it is recommended that you use only the **TVS Motor Company Genuine** parts.



Caution

Proper running-in and maintenance are mandatory to ensure that your vehicle is reliable and gives optimum performance at all times. Be sure that the periodic maintenance is performed thoroughly in accordance with the instructions given in this owner's manual.

In more dusty areas, the air cleaner element may required early replacement than the mentioned kilometers to avoid costly damage to the engine.

PERIODIC MAINTENANCE SCHEDULE (months or km whichever occurs earlier)

Item	Service km Period from the date of sale	In free service					After free service		Remarks
		1st 500-750 1 month	2nd 2500-3000 3 months	3rd 5000-6000 6 months	4th 8500-9000 9 months	5th 11500-12000 12 months	Every 3000 km	Every 6000 km	
Engine oil		R	I & T	R	I & T	R	I & T	R	
Oil filter (strainer)		C	-	C	-	C	-	C	
Transmission oil		R	I & T	R	I & T	R	I & T	R	
Spark plug		C & A	-	-	-	R	-	-	Replace every 12000 km
Air cleaner element		-	-	-	-	R	-	-	Replace every 12000 km
Air cleaner oil collection tubes		-	I & DR	I & DR	I & DR	I & DR	I & DR	-	Drain oil if necessary
SAI filter element		-	-	-	-	R	-	-	Replace every 12000 km
CVT filter element ¹		-	-	I & C	-	R	-	I & C	Replace every 12000 km
Tappet clearance		I & A	-	I & A	-	I & A	-	I & A	
Carburettor assembly ²		C & A	-	-	-	C & A	-	-	
Carburettor breather hose		I	I	I	I	I	I	-	Inspect for routing & blockage
Drive belt and CVT rollers		-	-	-	-	-	-	-	Replace every 24000 km
Cover variator ³		-	-	I, C & L	-	I, C & L	-	I, C & L	
Clutch shoe		-	-	-	-	-	-	-	Replace every 24000 km
Hose fuel		I	I	I	I	I	I	-	Replace every 3 years
Front and rear suspension		I	I	I	I	I	I	-	Inspect for proper functioning
All control cables ⁴		I, A & L	I, A & L	I, A & L	I, A & L	I, A & L	I, A & L	-	
Throttle grip		-	-	L	-	L	-	L	Lubricate using grease
Choke operation		I	I	I	I	I	I	-	
Steering smooth operation / play		I & A	I & A	I & A	I & A	C, L & A	I & A	-	C & L with fresh grease every 12000 km

MAINTENANCE



Item	Service km Period from the date of sale	In free service					After free service		Remarks
		1st 500- 750 1 month	2nd 2500-3000 3 months	3rd 5000-6000 6 months	4th 8500-9000 9 months	5th 11500-12000 12 months	Every 3000 km	Every 6000 km	
Speedometer gear pinion / cable		-	-	L	-	L	-	L	Lubricate using grease
Front fork oil		-	-	-	-	-	-	-	Replace every 24000 km
All fasteners		I & TI	I & TI	I & TI	I & TI	I & TI	I & TI	-	
All bulbs, horn and switches		I	I	I	I	I	I	-	Inspect for proper functioning
Head lamp beam		I & A	I & A	I & A	I & A	I & A	I & A	-	
Battery electrolyte level		I & T	I & T	I & T	I & T	I & T	I & T	-	
Specific gravity and voltage ⁵		I	I	I	I	I	I	-	
Brake effectiveness / play		I & A	I & A	I & A	I & A	I & A	I & A	-	
Brake cam		-	-	C & L	-	C & L	-	C & L	Lubricate using grease
Wheel freeness		I	I	I	I	I	I	-	
Front wheel bearing		-	-	-	-	L	-	-	Lubricate using grease every 12000 km
Tyre pressure at cold condition		I & S	I & S	I & S	I & S	I & S	I & S	-	
Engine idling RPM		I & S	I & S	I & S	I & S	I & S	I & S	-	
Idling CO% ⁶		I & S	-	-	-	-	-	-	
Centre / side stand pivot		L	L	L	L	L	L	-	Lubricate using TRU4 oil
Kick starter pedal pivot		L	L	L	L	L	L	-	Lubricate using TRU4 oil

R - Replace; I - Inspect; T - Top up; C - Clean; A - Adjust; DR - Drain; L - Lubricate; TI - Tighten; S - Set

¹ Inspect for damage ² Clean and adjust every 12000 km after first service ³ Clean the cover with air. Lubricate kick starter with grease

⁴ Inspect for proper operation and adjust play. Lubricate ends using grease ⁵ Recharge if necessary

⁶ Idling CO% should be set with the help of exhaust gas analyser and tachometer only

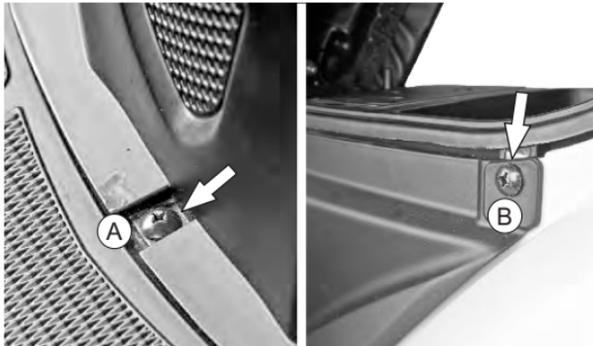
RECOMMENDED LUBRICANTS

Application	Qty	Manufacturer	Brand
Engine oil	750 ml (during regular service) 800 ml (incase of disassembly)	TVS Motor Company	TVS TRU4 PREMIUM, 4T oil
Transmission oil	100 ml (during regular service) 120 ml (incase of disassembly)	-do-	-do-
Front fork oil	84 ± 1 ml / leg	IOC	Gabriel Premium front fork oil
Grease	-	Bharat petroleum IOC Bechem Kluber Lubrication	MP Grease no. 3 Servo Gem no. 3 Bechem premium Kluber Centoplex 2
Fuel additives	As recommended		IFTEX

SELF - MAINTENANCE PROCEDURES BATTERY

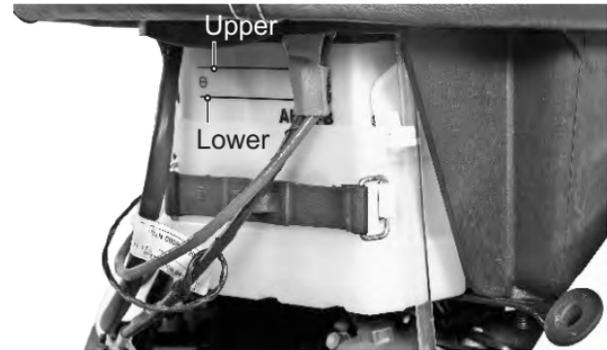
Battery is located at the front end of utility box below the seat and covered by the cover front. The cover front must be removed to access the battery. Follow the procedure for removal:

1. Remove the bottom mounting screw (A) of cover front.
2. Open the seat and remove the top mounting screws (B) from both the sides of cover front.
3. Gently pull out the cover front by dislocating its lugs.



4. Inspect the battery electrolyte level. It should be between minimum and maximum level.
5. If the electrolyte level is below minimum level, add only distilled water upto the maximum level by removing the filler caps.
6. Reinstall the filler caps and clean the battery thoroughly, apply petroleum jelly to the battery terminals to protect it from corrosion.

Incase of any abnormality or for removal of battery from the vehicle, contact TVS Motor Company Authorised Main Dealer / Authorised Dealer.



Caution

Once the battery is charged initially, never add diluted sulphuric acid. Use only distilled water for topping up. Never add tap water. Never check the battery charge by shorting terminals. Always connect the positive terminals first and the negative to avoid sparking. Do not obstruct, bend or change the routing of the air vent tube of battery. Make sure that the vent tube is firmly attached to the battery and the other end is open and clear.

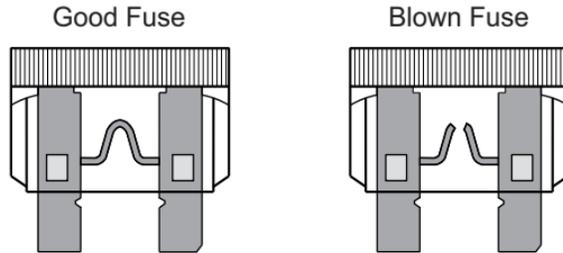
FUSE

Non-working of electrical systems may be due to safety fuse failure. Short circuit or overload in the electrical system are the main causes for fuse failure. Follow the procedure given below for inspecting and replacing the fuse.

1. Open the seat as explained in page no. 19.
2. A fuse case having 10 Amps fuse (blade type) is fitted on the front side of utility box below the seat.
3. Take out the fuse case from the utility box.

4. Open the fuse case and take out the fuse.
5. Inspect the fuse for failure. If found defective, replace the fuse with the extra fuse provided in the wiring harness itself in a pouch.
6. Close the fuse case and re-fix it into the utility box.
7. Turn 'ON' the ignition switch and check for proper functioning of electrical systems. In case the fuse fails again, consult the nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.





SPARK PLUG

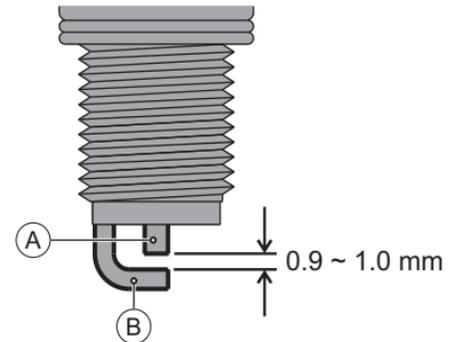
1. Remove the cover front as explained in page no. 31.
2. Clean the dust and mud around the spark plug mounting to avoid falling inside the cylinder.
3. Pull out the suppressor cap from spark plug. Using the spark plug spanner, remove the spark plug.

A spark plug with heavy carbon deposits will not produce strong sparks. Hence, only if necessary, clean the carbon deposits from the spark plug with a small wire brush or spark plug cleaning tool.

 Caution

Do not use vehicle by **shorting the wires without fuse**. This may result in overheating of electrical items/wiring and may result in fire.

Do not use fuse of higher amperage than specified for the safety of electrical system.



MAINTENANCE



Inspect the spark plug electrodes (A) and (B) for any corrosion. If found any replace the spark plug with new. Inspect the spark plug gap with a wire gauge / feeler gauge. Readjust the spark plug gap to **0.9 ~ 1.0 mm** if required.

After cleaning and adjusting the gap, reinstall the spark plug and tighten by hand to avoid cross threading. Finally tighten using spark plug spanner.



Caution

*Always use only recommended make and type of spark plug. **Replace spark plug every 12000 km.***

Cover the spark plug hole with cloth when the plug is removed, to prevent dust/water entry.

It is advisable to tighten the new spark plug by hand till the end and then loose and again re-tight the spark plug by 1/8 of rotation after sealing by using only the hand tool.

ENGINE OIL LEVEL

Check the engine oil level periodically.

1. Place the vehicle on centre stand on a flat surface. Wipe-off the surroundings of gauge oil level.
2. Remove the gauge and wipe it clean.
3. Fix the gauge back to its mounting hole. Do not thread in.
4. Take out the gauge and check the oil level. The level should be between minimum and maximum level marks of the gauge (shown in the figure).

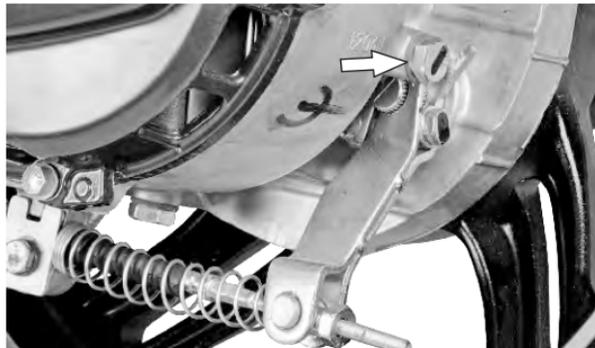


5. If the oil is less than the minimum level, add 'TVS TRU4 PREMIUM' 4T oil upto the maximum level mark.
6. Wipe out the oil traces with a clean cloth to prevent dust accumulation.
7. Assemble back the gauge oil level.

TRANSMISSION OIL - LEVEL

Check the transmission oil level periodically.

1. Place the vehicle on centre stand on a flat surface. Wipe-off the surroundings of oil level screw.



2. Remove the transmission oil level screw along with a gasket from the rear end of crankcase L.
3. Check for the flow of oil from oil level hole.
4. If the level is less (if there is no oil flow), top-up with 'TVS TRU4 PREMIUM' 4T oil till the oil just starts to flow out from the oil level hole.
5. Wipe out the oil traces with a clean cloth to prevent dust accumulation.
6. Replace the fibre washer while reassembling the oil level screw.



Caution

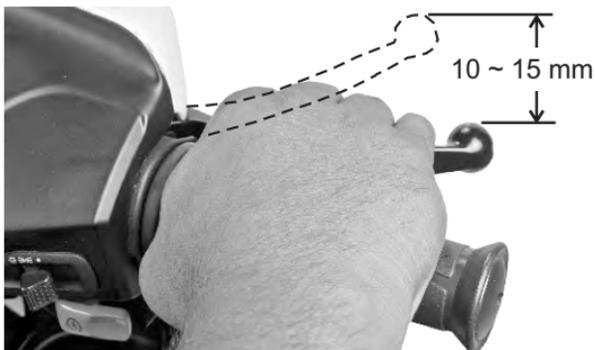
If the vehicle is driven with less engine and transmission oil, the engine components will be severely damaged.

Check the oil level as per the schedule to avoid costly damage. Do not fill excess oil may cause oil leak. Always use 'TVS TRU4 PREMIUM' 4T oil only.

BRAKES

Front brake

1. Measure the free play of front brake lever at lever end as shown in the figure.
2. The free play of the brake lever before the engagement of brake should be between 10 ~ 15 mm.
3. If the measured free play is more than the limit, adjust the nut provided at the front wheel end to obtain the correct play.



4. Turn the adjuster nut in clockwise direction for reducing the free play or in anti-clockwise direction for increasing the free play.

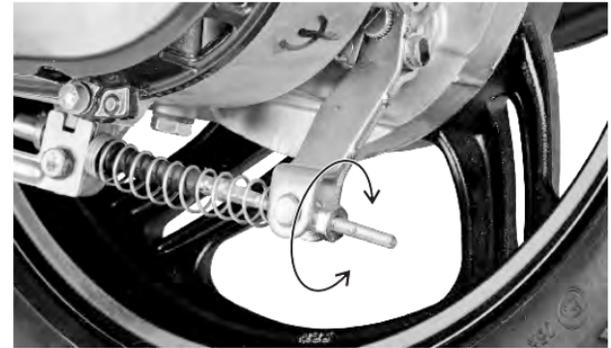
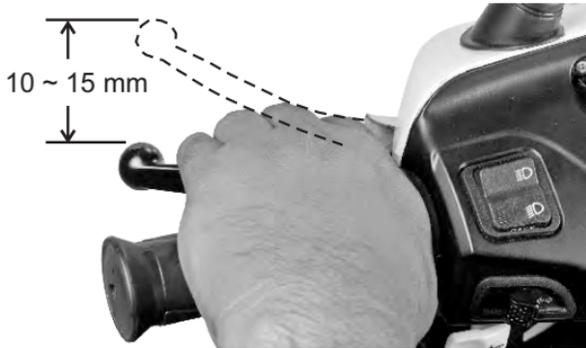
Rear brake

1. Measure the free play of the rear brake lever at the lever end as shown in the figure.
2. The free play of the brake lever before the engagement of brake should be between 10 ~ 15 mm.



Warning

Avoid using front brake alone while cornering.

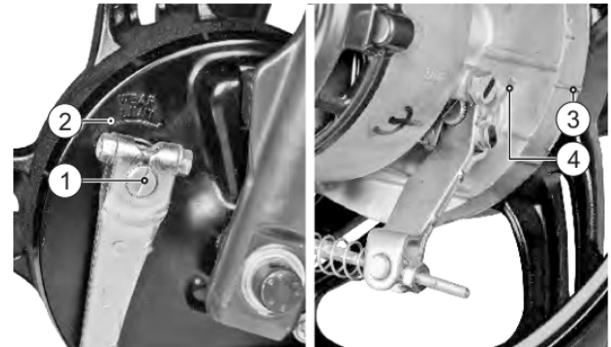


Brake shoe wear indicator

3. If the measured free play is more than the limit, adjust the nut provided at the rear wheel end to obtain the correct play.
4. Turn the adjuster nut in clockwise direction for reducing free play or in anti-clockwise direction for increasing free play.

 **Warning**

Check both the brake play periodically. However the brake play needs to be adjusted more frequently depending upon the usage.



MAINTENANCE



When the brake is applied, wear limit index mark (1) on the front brake cam should be within the wear limit indicator (2) on the front brake panel.

Similarly, when brake is applied, wear limit indication pointer (3) on the rear brake cam lever should be within the wear limit indicator (4) on the crankcase LH.

In case the wear limit index mark (1) / wear limit indication pointer (3) is going beyond wear limit indicator (2) and (4), index the lever to next slot with the help of Dealers to extend shoe life.



Caution

Replace the brake shoes as a set, if the wear limit indicator shows beyond the wear limit even after indexing the lever.

TYRES

Tyre pressure

Check the tyre pressure atleast once in a week if not more frequently. Insufficient air pressure in the tyres not only hasten tyre wear, but also seriously affects the stability of the vehicle.

Under inflated tyres make smooth cornering difficult and over inflated tyres decreases the tyre contact with the ground which can lead to skidding and loss of control.

Be sure that the tyre pressure is within the specified limit at all times.

Tyre pressure in cold condition:

	Solo	Dual
Front	1.69 kg/cm ² (24 PSI)	1.69 kg/cm ² (24 PSI)
Rear	2.00 kg/cm ² (28 PSI)	2.25 kg/cm ² (32 PSI)



Tyre tread condition

Operating the vehicle with excessively worn tyres will decrease riding stability and can lead to loss of control. It is recommended to replace the tyre when the tyre wears off to the tyre wear indicator level (indicated by TWI (A) on the tyre).

Tyre rotation direction

While reassembling the tyres, after removing from the wheel rim, ensure that the arrow mark 'FRONT' facing the direction of wheel rotation while fixing the tyre on the front wheel rim. Similarly, arrow mark 'REAR' on the tyre facing the direction of wheel rotation while fixing the tyre on the rear wheel rim.

Tyre puncture

Your scooter is fitted with a tubeless tyre on both front and rear wheel. In case of any puncture / tyre damage, it is advised to visit the nearest tyre manufacturer Dealer or the tyre repair shops who knows the repairing method of tubeless tyre. It is not necessary to remove the tyre from wheel rim always to attend a puncture.

Even though, if there is need of tyre removal, it is strongly recommended to use a tyre removal / fitment machine. If at all, tyre levers needs to be used, the levers should be free from sharp edges. Care should be taken not to damage the tyres and rims.



Warning

The tyre inflation pressure in cold condition and the tyre tread condition are extremely important for the performance and safety of the rider. Check the tyres frequently for inflation pressure as well as the wear pattern on it. Use of a tyre other than the standard may cause instability.

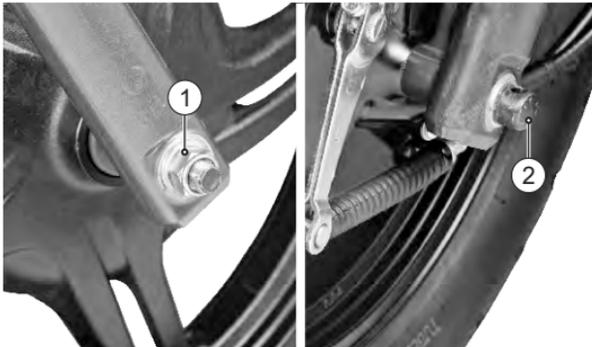


Caution

The side walls of the tubeless tyre which in contact with the wheel rim are only seals the air inside the wheel assembly. Hence care should be taken not to damage the side walls of the tyres during removal/reassembly.

FRONT WHEEL REMOVAL AND REASSEMBLY

1. Remove the axle nut (1) along with a washer.
2. Pull out the axle (2) along with a washer and take out a spacer from the right side of the wheel.
3. Place a support below the foot board to prevent vehicle from falling and lift the vehicle up.
4. Dislocate the wheel assembly along with brake panel from the front fork. Separate the brake panel from the wheel and take out the wheel.



5. Reverse the procedure for reassembling. While reassembling ensure to locate the lug on fork leg L to the slot in the brake panel.

REAR WHEEL REMOVAL AND REASSEMBLY

1. Place the vehicle on the centre stand.
2. Hold the rear brake firmly and remove the wheel mounting nut (A) along with a washer.
3. Slightly tilt the vehicle and take out the wheel from the rear axle.



4. Reassemble the wheel in the reverse order of removal. Hold the rear brake firmly while re-tightening the mounting nut for easy locking of wheel.

Warning

Always make sure that whenever the wheel is removed, axle nut is properly re-tightened to the specified torque.

STORAGE PROCEDURES

For storage of your scooter for longer period of over a month and above, we recommend to carry out the following steps:

1. Clean the vehicle thoroughly. Park the vehicle on centre stand.

Warning

The exhaust system becomes hot after a run. Park the vehicle in a place where pedestrians or children are not likely to touch the vehicle.

2. Warm up the engine and drain engine oil and transmission oil. Store the oil, if new, in a dust free container.
3. Empty the fuel tank.
4. Drain the petrol from carburettor.
5. Remove the spark plug and feed in several drops of engine oil through spark plug hole. Crank the engine few times and reinstall the spark plug.
6. Remove the battery, store it away from direct sunlight and freezing temperatures.
7. Place a suitable support at the bottom of the foot board so that both the tyres are off the ground. This will ensure better tyre life.

Caution

Do not park the vehicle on a slope or soft ground or else it may fall down.

During storage, the battery must be recharged at recommended charger if stored more than a month.

8. Cover up the vehicle completely with a clean tarpaulin or any other suitable cover. Store the vehicle inside a garage or similar area to avoid damage due to dust and rain. Make sure that the storage area is well ventilated and free from any source of flame or spark.

TAKING THE VEHICLE OUT OF STORAGE FOR REGULAR USE

1. Take the vehicle out of garage and clean it thoroughly.
2. Remount the battery after bench charging if required.
3. Fill the engine oil (TVS TRU4 PREMIUM, 4T oil) and check the oil level using gauge oil level.
4. Fill the transmission oil (TVS TRU4 PREMIUM, 4T oil) and check the oil level at the oil level inspection screw.



Caution

Avoid using alkaline solution like detergent soaps for washing. This may damage head lamp and other lamp assemblies.

5. Lubricate the parts as instructed in the periodic maintenance schedule.
6. Fill up fresh petrol in the fuel tank.
7. Check and inflate the tyres to the specified tyre pressure.
8. Check and correct the points mentioned in page no. 23.
9. Turn the ignition switch to 'ON' position. Start the engine with choke 'ON' for a few minutes and ride out.

RECOMMENDED TIPS WHEN TAKING A LONG TRIP OF MORE THAN 500 KM:

- A) Please keep the following items for use in case of emergency:
1. Tool kit complete.
 2. Recommended spark plug one number.
 3. Head lamp and turn signal lamp bulb each one.
 4. Throttle, front and rear brake cable each one.
 5. First aid kit.

- B) Precautions to be taken for the journey:
1. Ensure engine oil and transmission oil are up to the level.
 2. Adequate fuel in the fuel tank.
- C) Check your scooter for the following:
1. Tightness of all bolts and nuts with correct torque value.
 2. Fitness of tyres / tyre pressure / tread depth.
 3. All bulbs, indicators and horn functioning.
 4. Smooth functioning of all cables and their free play.
 5. Smoothness of steering operation.
 6. Front / rear brake function and rear brake lamp working.
 7. Front fork for any abnormality.
 8. Spark plug gap and condition of spark plug.
 9. Air filter element cleanliness.
 10. Correct idling speed.
 11. Lubrication of all items mentioned in the periodic maintenance schedule.
 12. Any other job as necessary.

13. Have your vehicle checked at any TVS Motor Company Authorised Main Dealer or Authorised Dealer.



Caution

Long journey are to be taken only after the running-in period of 1000 km.

TVS Motor Company Limited ('the Company') gives this warranty with respect to the TVS JUPITER scooter manufactured by the Company.

The Company has taken every care to maintain quality in the manufacture of the TVS JUPITER, subject to other terms of warranty:

During 24 months from the date of purchase or during the first 24,000 km of run for the vehicle in the hands of original retail purchaser, whichever is earlier, all parts of the vehicle which prove to the satisfaction of the Company to have a manufacturing defect will be repaired or replaced free of cost.

The Company's obligation under this warranty is limited to repairing or replacing, free of cost, those parts of the vehicle which upon examination by the Company may prove to the Company's satisfaction to have a manufacturing defect, and in such cases the Company's decision either to repair or replace the affected parts will be final. In the event of replacement of parts, the Company also reserves the right to use parts of the same brand as the affected parts or any other brand which is used by the Company in the course of manufacture. All parts replaced under this warranty will become the property of the Company and must be returned to the Company.

Limitations of Warranty:

1. This warranty shall not apply to:
 - Normal maintenance operations such as engine tune-up, decarbonising, fuel system cleaning, oil changes, head light focusing, fastener retightening, adjustment of carburettor and brakes as well as other normal adjustments.
 - Insignificant factors which do not affect the function of the vehicle, including without limitation, sound, vibration and fluid seep.
 - Replacement of normal service items or wear and tear items, including without limitation, bulbs, electrical wiring, socket for mobile charger, all filters, spark plugs, drive belt, clutch and brake linings, fasteners, shims, washers, oil seals, gaskets, rubber, plastic and rexine components (including hoses / pipes) etc..

- Proprietary parts such as tyres and battery etc.,.
- Any natural wear and tear, including without limitation, aging.
- Parts suffering damage or resultant damage by accident, misuse, negligent treatment, use of bad quality lubricants or impure fuel or by omission to follow the guidance and instructions contained in this manual.
- Parts which are used in conjunction with parts not made or recommended by the Company.
- Parts of the vehicle which have been tampered with, altered, repaired or replaced by persons not authorised by the Company and which in the sole judgement of the Company affect the performance of the vehicle.
- Parts of the vehicle getting affected due to atmospheric effect/environmental factors.
- Vehicles, on which engine number or chassis number is deleted, defaced or altered.

- **Vehicles on which any warranty (periodic) service is not availed when it falls due.**
 - Vehicles sold or transferred by original retail purchaser.
 - Vehicles used for racing or any competition or used otherwise than for ordinary personal transportation. Vehicles attached with side cars etc.
 - Vehicles which have been taken out of India.
2. Warranty claims on proprietary items such as tyres (no tubes) and battery etc., should be preferred by the user directly on the respective manufacturer, as per their warranty terms and the Company shall not be liable in any manner in respect to the same.

Following Toll Free numbers can be contacted for battery related queries if any.

Incase of EXIDE battery, call :- 1800 103 5454

Incase of AMCO battery, call :- 1800 425 0096

WARRANTY AND SERVICES



3. Parts repaired or replaced under this warranty are warranted only throughout the remainder of the original warranty period.
4. The Company is not liable for any delay in servicing due to reasons beyond the control of the Company or any of its Authorised Main Dealer / Authorised Dealer.
5. In any event, the Company is not liable for indirect, remote, incidental or consequential damages.
6. The Company may make any modification or improvement to vehicles in future production at any time without prior notice and without any obligation to install the same on vehicles previously despatched for sale.
7. Any claim under this warranty will lie only when the customer:
 - (i) takes his vehicle to an Authorised Main Dealer / Authorised Dealer of the Company and reports the problem he / she felt in the vehicle to enable the Authorised Main Dealer / Authorised Dealer to inspect the same and assess the cause for the reported problems.
 - (ii) produces to such Authorised Main Dealer / Authorised Dealer the owner's manual for the concerned vehicle for verification of relevant details.
8. This is the only warranty given by the Company for the TVS JUPITER scooter. No employee, Dealer or other person is authorised to extend or enlarge this warranty.



Warning

Modifications to this vehicle not approved by the TVS Motor Company may cause loss of performance and render it unsafe for use and disqualifies for warranty coverage also.

Customer's Name and address

.....
.....
.....

Frame number.....

.....

Engine number.....

.....

Key number.....

Service coupon no.....

Colour.....

Date of sale.....

Km.....

Registration number.....

Selling dealer's code, name, address and
phone number:

.....
.....

SERVICE INFORMATION

There are nine services for TVS JUPITER during warranty period. Of these, first five services are free services for which labour charges are free. In addition to these five free services, we have a scheme of four pay services. Coupons for these free services are attached with this owner's manual. For keeping the maintenance track of your vehicle, a pay service record sheet is also attached. Please have the record sheet filled by the Dealer who is carrying out the maintenance service.

Before you avail your first free service, please enter the particulars of your vehicle on the left side of this page. This will be useful for any reference.

For availing any of the nine warranty services, please take your vehicle and your owner's manual to any of our Authorised Main Dealers or any of our Authorised Dealer. After effecting the service the Authorised Main Dealer or the Authorised Dealer will take out the detachable portion of the relevant service coupon from your owner's manual for their records and will obtain your acknowledgment on the same for having the service done to your satisfaction. For your record, the Authorised Main Dealer or the Authorised Dealer will affix their stamp on the stub of the relevant service coupon or the last column of the record sheet whenever they carry out any service.

Periodic maintenance always helps good performance of an automobile and our services are planned to keep your TVS JUPITER performing good. **Please note that carrying out the services for your vehicle at scheduled intervals is necessary for availing of warranty.** And please also remember that, after the services are over, periodic servicing of your vehicle at appropriate intervals, depending upon its extent of use, will keep your vehicle at its best level of performance.

In case you need any clarification or assistance, please feel free to write to us mentioning the frame number, engine number and date of purchase of your vehicle also the name and place of the Authorised Main Dealer / Authorised Dealer from whom you bought the vehicle and getting it serviced.

Service Department

TVS MOTOR COMPANY LIMITED

P.O. Box No. 4, Harita, Hosur - 635 109,

TAMILNADU, INDIA.

Toll free no:- 18004252077

PART (B) DELIVERY CERTIFICATE

(To be given by the customer to **TVS Motor Company** Authorised Dealer at the time of taking possession of new vehicle)

Certified that I have taken possession of the TVS JUPITER bearing engine no. and frame no. as mentioned along side from M/s.....to day in good condition.

I have understood operations, controls and general maintenance instructions including wheel removal and engine oil specifications. The terms of warranty have been explained to me and I agree to abide by the same.

I have also received the following items along with my TVS JUPITER without extra charge.

- Tool kit
- Mirror (2 nos)
- Owners manual
- Set of two keys

The location of the tool kit in the vehicle has been shown to me.

TO BE FILLED IN BY THE MAIN DEALER / AD

Engine No. :

Frame No. :

Dealer code :

Dealer stamp : _____

Date of delivery :

Colour :

Mode of purchase by customer

- Show room - cash sales
- Show room - hire purchase sales
- Institutional sales

Dealer to get the Customer information coupon filled by the customer and hand it over to Market Research, TVS Motor Company Limited, Hosur.

Dealer's signature :

Customer signature :

Date :

भाग (ब) डिलिवरी प्रमाण पत्र

(उपभोक्ता के द्वारा TVS JUPITER अधिग्रहण करने के समय टी.वी.एस डीलर को प्रेषित किया जाये)

प्रमाणित कि मैंने TVS JUPITER का अधिग्रहण उचित अवस्था में मेसर्स

से आज कर लिया है, जिसका फ्रेम नम्बर और इंजन नम्बर साथ में संलग्न है।

मैंने इसके सारे ऑपरेशन, कंट्रो-ल और सामान्य-रख-रखाव के अंतर्गत पिछला पहिया निकालना, इंजन आयल जॉचना इत्यादि का ज्ञान प्राप्त कर लिया है। वॉरंटी के सभी नियम मुझे अवगत है, और मैं उनका पालन करने के लिये सहमत हूँ।

TVS JUPITER के साथ बिना किसी अतिरिक्त कीमत के निम्नलिखित वस्तुएँ प्राप्त हुईं.

- टूल किट
- मिरर (२ नं)
- ओनर्स मैनुयल
- एक जोड़ी चाबी

टूल किट का स्थान भी अवगत किया गया है।

डीलर के द्वारा भरा जाये

फ्रेम नं० :

इंजन नं० :

कोड :

डीलर सील :

डिलिवरी की तिथि :

रंग :

वाहन खरीदने का मुख्य प्रारूप.

- शोरूम - नगद
- शो रूम - ऋण सुविधा से।
- इन्स्टिट - युशनल सेल्स

डीलर इस कूपन को उपभोक्ता से भरवा कर टी.वी.एस. सर्विस इंजिनियर को दें।

डीलर हस्ताक्षर :

उपभोक्ता हस्ताक्षर :

तिथि :



Extended Assurance. Guaranteed Smiles.

- ★ Peace of mind for 5 years
- ★ Trouble free ownership experience
- ★ Valid at all India TVSM Authorized network
- ★ TVSM Genuine Parts Guaranteed
- ★ Higher Resale Value of Vehicle.
- ★ Optional feature, can be availed at nominal charges.

Contact your nearest Dealership for details*

*Terms and conditions apply



Drive In.

Drive Out.



**Say bye-bye to waiting time
for servicing your bike.**

Get your vehicle serviced in 1 hour at no additional cost. Contact your nearest Dealership for details.*

*Facility available at selected Dealerships only. Terms and conditions apply



Busy Life? Easy Servicing!

Now, service your bike anywhere, anytime.

- ★ Service the vehicle at your door step.
- ★ Available for regular maintenance or breakdown service only.
- ★ Offered at nominal convenience charges.

Contact your nearest Dealership for details.*

*Facility available at selected Dealership only. Terms and conditions apply



Busy Life? Easy Servicing!

Now, Avail Pickup & Drop of your vehicle for service.

- ★ Vehicle picked up & delivered from/to your office or residence at prefixed appointed time.
- ★ Offered at nominal convenience charges.

Contact your nearest Dealership for details.*

*Facility available at selected Dealership only. Terms and conditions apply

TECHNICAL SPECIFICATIONS

MANUFACTURER : TVS MOTOR COMPANY LIMITED
P.B. No 4, Harita, Hosur - 635 109, India.

ENGINE

Type : Single cylinder, 4 stroke, air cooled, spark ignition engine
Cylinder bore : 53.5 mm
Stroke : 48.8 mm
Piston displacement : 109.7 cc
Compression ratio : 9.5 : 1
Carburettor : UCAL VM 16 SH
Air filter : Viscous paper filter
Lubrication system : Forced wet sump
Maximum power in kW : 5.88 @ 7500 rpm
Maximum torque in Nm : 8.0 @ 5500 rpm
Maximum speed : Around 78 km / hr
Engine idling rpm* : 1600 + 100 rpm
Starting system : Kick starter / Electric starter

TRANSMISSION

Clutch : Dry - Centrifugal clutch
Primary transmission : CVT (Continuous Variomatic Transmission)
Primary reduction : 2.38 to 0.82
Final reduction : 10.47

* Under warm condition

CHASSIS**Dimensions and weight**

Overall length : 1834 mm
Overall width : 650 mm
Overall height : 1115 mm
Ground clearance : 150 mm (unladen)
Wheel base : 1275 mm
Steering angle : 90°
Caster angle : 25°
Kerb weight : 107 kg (with tool kit & 90% of fuel)
Pay load : 130 kg
Maximum laden weight : 237 kg
Frame : Duplex tubular frame
Front suspension : Telescopic hydraulic
Rear suspension : Toggle link, gas filled hydraulic damper
Trail length : 93 mm

BRAKES

Front : 130 mm dia (hand operated)
Rear : 130 mm dia (hand operated)

TECHNICAL SPECIFICATIONS



TYRE

Front tyre	: 90/90 x 12 (tubeless)
Rear tyre	: 90/90 x 12 (tubeless)
Tyre pressure (cold condition)	
Front	: 1.69 kg/cm ² (24 PSI)
Rear - Solo	: 2.00 kg/cm ² (28 PSI)
Rear - Pillion	: 2.25 kg/cm ² (32 PSI)

ELECTRICAL

Ignition system	: IDI ignition
Spark plug	: Bosch UR4K CW

ELECTRICAL

Spark plug gap	: 0.9 ~ 1.0 mm
Battery	: 12V, 5Ah Lead Acid type
Generator	: Fly wheel magneto, 12V, 80W
Head lamp	: Halogen HS 12V, 35/35W
Tail/brake lamp	: 12V, LED
Turn signal lamps	: 12V, 10W x 4
Position lamp	: 12V, 3W x 2
Number plate lamp	: 12V, 4W x 1
Speedometer lamp	: 12V, 1.7W x 2
Turn signal indicator lamp	: 12V, 1.7W x 2
Low fuel warning lamp	: 12V, LED
High beam indicator lamp	: 12V, 1.7W x 1

Economy and power mode indicator lamp	: 12V, LED
Horn	: 12V, DC
Fuse	: 12V, 10A x 1 (Blade type)

CAPACITIES

Fuel tank capacity	: 5.0 litres*
Fuel	: Unleaded Petrol
Engine oil and capacity	: TVS TRU4 PREMIUM, 4T oil 750 ml during regular service and 800 ml incase of disassembly
Transmission oil and capacity	: TVS TRU4 PREMIUM, 4T oil 100 ml during regular service and 120 ml incase of disassembly.
Front fork oil and capacity	: Gabriel Premium front fork oil, 84 ± 1 ml per leg



Note

Specifications are subject to change without notice.

- * The fuel tank is not a measuring instrument and the capacity of fuel tank may slightly vary from the indicated capacity.

GENERAL INFORMATION



Dear Customer,

It is mandatory under the Motor Vehicles Act to insure all motor vehicles. No motor vehicle can be used in a public place without a valid policy of insurance issued by an authorised insurer. Driving a motor vehicle without any such insurance is an offence under Motor Vehicles Act.

To assist our customers on their insurance requirements such as the prompt issue and renewal of policies as well as expeditious settlement of claims if any, our preferred insurers are :

