

**OBD II B**

**TVS** 

**TVS**  
**Jupiter 125**

**User Manual**



SCAN FOR 24X7  
ROADSIDE ASSISTANCE NOW

**WE GO THE DISTANCE  
WHEN IT COMES  
TO YOUR ASSISTANCE.**

MAKE YOUR RIDES HASSLE-FREE AND STRESS-FREE  
WITH SERVICE BEYOND JUST ASSISTANCE.

Sign up for our 24X7 Roadside Assistance and enjoy  
quick and efficient service anytime, anywhere.

**24 / 7**  
**ROADSIDE  
ASSISTANCE**  
TOLL FREE NO. **1800 258 7111**



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.<sup>†</sup>

<sup>†</sup>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.<sup>†</sup>

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Incase you need any Clarification please contact  
**TVS Motor Company Authorised Main Dealer / Authorised Dealer**  
Or  
**TVS Motor Company's Area Offices (flip over for addresses)**  
Or  
**Toll Free Number : 1800-258-7111**  
**Email : [customercare@tvsmotor.com](mailto:customercare@tvsmotor.com)**

**Disclaimer :** TVS Motor Company or any of its officials / Authorized Main dealer / Authorized Dealer do not ask customers for bank / card / wallet details / authentication. In case you face any such claim, please report to the relevant local authorities immediately.



## CONTACT AT OUR AREA OFFICES

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Revision 2, As on 6th Jan 2026

## FULLY DIGITAL CONNECTED INSTRUMENT CLUSTER WITH ON-BOARD DIAGNOSTIC

Your scooter is fitted with 'Fully Digital Connected Instrument Cluster' with RLCD display screen. This first-in class cluster housed perfectly in the head lamp housing of your scooter is equipped with innovative features like Time indication, Fuel indication, Odometer, Distance to empty, Average fuel efficiency, Trip mileage, Trip meter A, B & F, Service reminder, Helmet indication and more.



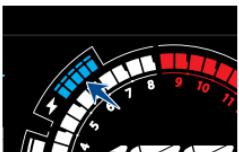
TRIP F: Trip F is a unique feature in your vehicle which would indicate the number of kilometers driven in reserve condition. This would be a critical information to prevent fuel shortage during ride.

## SMARTXONNECT-BLUETOOTH CONNECTIVITY

The connected instrument cluster of your scooter has a inbuilt Bluetooth® connectivity through which you can connect your Android™ smart phone / iPhone® to access the features like caller ID, SMS, missed call notification, navigation in the cluster access, ride stats share and the last parked location of the vehicle from TVS Connect app. Login to TVS Connect app to explore more SmartXonnect features.

## iGO ASSIST

iGO assist technology that draws power from Battery for improved Acceleration & Better mileage. iGO assist improves acceleration and makes it easier to overtake at traffic signals, while enhancing fuel efficiency by an additional 10%. Refer page 52 details



## ECONOMETER®

Your scooter's speedometer has ECONOMETER® which indicates whether you are riding in 'Economy' mode or 'Power' mode. This is an unique feature of your scooter which guides you to ride your scooter fuel efficiently. Refer page no. 32 for details.



## INTEGRATED GENERATOR (ISG)

'Integrated Starter Generator (ISG)' system delivers a noiseless start of your scooter. An ISG Malfunction Indication lamp is added to glow whenever any ISG related fault is present in vehicle.

## STARTER



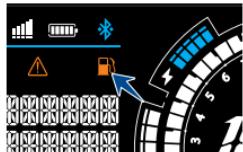
## 'TVS intelliGO'

An intelligent start / stop system that further enhances fuel efficiency. Easy on your pocket and kinder to the environment. Refer page no. 27 for details.



## 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 no. 36 for details.



## SIDE STAND CUT-OFF

You scooter has been provided with auto engine cut-off and start control system when the side stand is engaged.



## ALL IN ONE LOCK

Your scooter has all in one lock that unlocks the seat and fuel tank cap at the ignition lock itself. Refer page no. 24 for details.



## 'TVS intelliGO' SWITCH

An exclusive intelliGO switch is provided to switch 'OFF' and 'ON' the intelliGo system as and when required. Refer page no. 59 for details.



## PASS-BY SWITCH

Pass-by switch is a feature that allows you to easily switch between high & low beam of the head lamp with easy press and auto release. It is helpful especially while overtaking. Refer page no. 58 for details.



## HAZARD SWITCH

Your scooter comes in with a first in segment feature- Hazard switch. Turn on your hazard switch to either warn other drivers that your vehicle is in the way of traffic due to an emergency stop, or to notify them that you are having some problem. Once the switch is pressed, it will flash all the turn signal lamps until it is pressed again.



## FRONT FUEL FILL

Front fuel filling system enables you to hassle free fuel filling without even getting off from the vehicle.



## SEAT ASSEMBLY

Longest seat in its category with 790 mm length for comfortable travels of your family members.



## PILLION HANDLE WITH CUSHION

The cushioned pillion handle lets the pillion rider relax and enjoy the ride. The sturdy grabrail provides additional support and complements the premium-ness of the scooter.

## LED HEAD LAMP

Your scooter comes in with a premium LED head lamp. Efficient and bright, this gives your scooter a totally upgraded Look and Style with better visibility for night rides.



## FOLLOW ME HOME HEADLAMP

Your scooter now comes with follow me home headlamp feature. Your headlamp remains ON for 20 seconds after you switch off your vehicle, to guide you reach home safely in darkness.



## PATENTED E-Z CENTRE STAND

E-Z Center Stand of your scooter reduces the effort required to place the scooter on stand. Refer page no. 61 for operating procedure.



## 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. 58 for details.



## 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.



## TELESCOPIC FRONT FORK

Your scooter has Motorcycle-like 'Telescopic Front Suspension' for extreme riding comfort even while riding on bad roads.



## GAS ADJUSTABLE REAR SHOCK ABSORBER

Your scooter comes with gas filled 'Adjustable Rear Shock Absorber'. This allows you to adjust the required level of hardness / softness as per the usage requirement at just the push of a lever.



## SYNCHRONISED TECHNOLOGY (SBT)

Taking technological innovation to next level, your scooter comes with 'Synchronised Brake Technology (SBT)'. This feature enhances the safety by avoiding skidding during sudden braking.



## UNDER-SEAT STORAGE (UTILITY BOX)

Your scooter has a 33 litre under-seat storage space to carry your luggage belongings, two helmet etc., refer page no. 63 for details.



## BLACK LARGER ALLOY WHEELS

All 'Larger Black 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.



## 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.



## FRONT GLOVE BOX

Your scooter is provided with glove box front. Which has 2 liter storage capacity and used to hold your mobiles while charging or hold a small bottle.



## ACCESSORIES FOR YOUR SCOOTER

### SMART PHONE CHARGER\*

Your scooter is provided with a socket for charging your smart phone even while you are traveling and it is located below the right side of the handle bar. Refer page no. 65 for usage details.



### INDICATOR BEEPER\*

Your scooter has an electronic beeper which alerts you that the turn signal indicators and side stand is 'ON'. This beeper comes as a mandatory accessory.



### **LADY PILLION HANDLE\***

Provision for mounting 'Lady pillion handle' is provided in your scooter. Lady pillion can be purchased as optional accessory.

### **LADY PILLION FOOT REST\***

Your scooter has a provision fit 'Lady pillion foot rest' for easy resting of legs for the ladies travels as a pillion and it is a mandatory accessory.

*\* Mandatory and optional accessory will be charged extra*

Dear Jupiter 125 Owner,

Thank you for choosing TVS Jupiter 125. Taking the legacy of TVS Jupiter forward, the all new TVS Jupiter 125 is truly bigger, better and powerful. With its Next Gen 125cc engine and many class-leading features it is the perfect new age scooter. As a proud owner of TVS Jupiter 125, you are now part of the TVS family with millions of satisfied customers.

The TVS Jupiter 125 comes with new unique features which have been developed keeping your needs in mind – Best in class underseat storage with twin helmet space, latest TVS SmartXonnect technology comes loaded with 60+ features, best in class mileage, longest seat in the segment, front fuel fill, metal body, signature style elements and much more. Overall, the TVS Jupiter 125 is a perfect blend of style, performance, technology, and utility.

All the features of your new vehicle, along with information on how it operates is available in this manual. Kindly read it carefully and follow the instructions to enjoy years of comfortable and safe riding. To ensure reliable performance, we urge you to get your TVS Jupiter 125 serviced only at TVS Motor Company Authorised Main Dealer / Authorised Dealer at specified intervals.

Experience the next level of commuting with the all new TVS Jupiter 125!

**TVS MOTOR COMPANY LIMITED**



Take time to familiarize yourself with your TVS Jupiter 125 and its performance characteristics.

This manual is designed to help you to maximize the performance of your TVS Jupiter 125. Inside this manual, you'll find essential guidance on riding techniques and maintenance tips. By following these instructions carefully, you can ensure optimal performance and longevity of your vehicle.

Get familiarised with the operation of your TVS Jupiter 125 for maximum safety and pleasure. The better you know your vehicle, the more pleasure you will experience riding your new vehicle. Ensure that anyone else riding your TVS Jupiter 125 does the same.

All information, illustrations, photographs and specifications contained in this User 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 User 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 User Manual.

### **Note**

*Accessories shown in the picture may not be part of the standard equipment. Pictures shown in this manual are of TVS Jupiter 125 alloy wheel with front disc brake model unless specified.*

***Your scooter is provided with always glowing head lamp (AHO). The head lamp glows automatically once the engine is started.***

***TVS Jupiter 125 fitted with 'TVS intelliGO' which is an intelligent start/stop system that switches 'OFF & ON' the scooter automatically (refer page no. 27 for further details).***

***Since your vehicle is fitted with side stand cut-off system ensure to retract the side stand before starting the vehicle.***

Riding this vehicle safely is a key responsibility of the rider. To support informed and safe decision-making, this User Manual provides essential operating procedures and safety-related information. These guidelines are intended to alert you to potential hazards that could cause harm to you or others. However, since it's not possible to cover every possible risk associated with operating or maintaining the vehicle, it's important to exercise sound judgment at all times.

You will find critical safety instructions presented in specific formats throughout the User Manual. These formats use particular terms that convey the following meanings:

 **Warning**

*This message might result in injury to the rider or deadly accidents.*

 **Caution**

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

 **Note**

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



The first 1000 km is a crucial part for the life of your TVS Jupiter 125. Proper running-in operation during this period helps in ensuring a maximum life and smooth performance of your scooter.

The reliability and overall performance of your TVS Jupiter 125 greatly depend on the care taken during the initial running-in period. During this period, it is especially important that you avoid operating the engine in high speed (RPM), as this can place the engine parts under undue stress. To ensure optimal engine health and longevity, please adhere to the recommended maximum speed limits during the running-in phase:

**Maximum 50 km/h speed upto 1000 km for TVS Jupiter 125** (vary the engine speed for better mating of parts).

The first free service at 500 ~ 750 km or 30 ~ 60 days (whichever occurs earlier) 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 of the engine.

### **Caution**

*Replacing the engine and transmission oil during first service is most important for better life of engine. Always use TVS TRU4 SKUUTA (SAE 10W30 API-SL, JASO MB) oil 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 rider and other road users. These precautions are:

### **Familiarise yourself with new TVS Jupiter 125**

Riding skill and your mechanical knowledge form the foundation of safe riding practices. We suggest you to practice riding TVS Jupiter 125 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.

### **Warning**

***Two wheeler safety starts with wearing a good quality helmet.*** One of the most serious injuries that can happen is a head injury. Always wear an ISI approved helmet that should fit your head comfortably and securely. You should also have good quality goggles to protect your eyes and help your vision.

***To prevent or minimize accident, never consume alcohol or drugs before or during the operation of your vehicle. Even minimal consumption of these will affect the rider's ability to control the vehicle.***



## Posture

Proper vehicle riding starts with proper posture.

1. Keep your elbows relaxed and flexible.
2. Sit and adjust yourself on seat so that arms and shoulders are relaxed.
3. Look widely instead of gazing at one point.

## Warning

**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.**

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.

## 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.

## 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. 'SBT' provides additional braking even when 'only rear brake' is applied, But applying 'both the brakes' helps you to use the full potential of 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 / pads or drum / disc are worn out or if there is water or oil on them, sufficient friction does not develop and brakes do not work well.
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.*

*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 that the accessories **should not obstruct lighting, steering, suspension level and ground clearance.**

**Additional electrical equipments is not acceptable as it will void the warranty terms of the vehicle.**



## EMISSION CONTROL

All the TVS vehicles are tested in the factory for optimum fuel efficiency and CO levels. If the vehicle needs any adjustments, please consult nearest TVS Motor Company Authorised Main Dealer / 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 TVS Jupiter 125 in good condition by getting it periodically checked and serviced by TVS Motor Company Authorised Main Dealer / Authorised Dealer so that the emission and fuel consumption levels are maintained as per norms.

### Crankcase emission control system

The engine of your TVS Jupiter 125 is equipped with a closed crankcase ventilation system to prevent discharging crankcase emissions into the atmosphere. Blow-by gas is returned to the combustion chamber through the air cleaner and the fuel system.

### Evaporative emission control system

TVS Jupiter 125 is equipped with an evaporative emission control system which consists of a canister and associated piping. This system prevents the escape of fuel vapors from the fuel tank.



### Warning

*If there is any abnormal jerk, startability issue are felt in the vehicle or noise due to sudden escape of gas during opening of fuel tank cap, immediately report to the TVS Motor Company Authorised Main Dealer / Authorised Dealer.*



### Note

*Your vehicle is tested and certified for emission which meets BS VI emission norms and is valid for initial 12 months from the date of purchase. Get your vehicle certified by the Government authorised emission testing station after initial 12 months of usage. And ensure to get vehicle certified on expiry of the certificate obtained.*

**VEHICLE IDENTIFICATION NUMBER**

The frame and engine serial numbers are the only means of identifying your vehicle from others of the same model and type. They are also required to assist your Dealer for ordering parts or referring to special information.



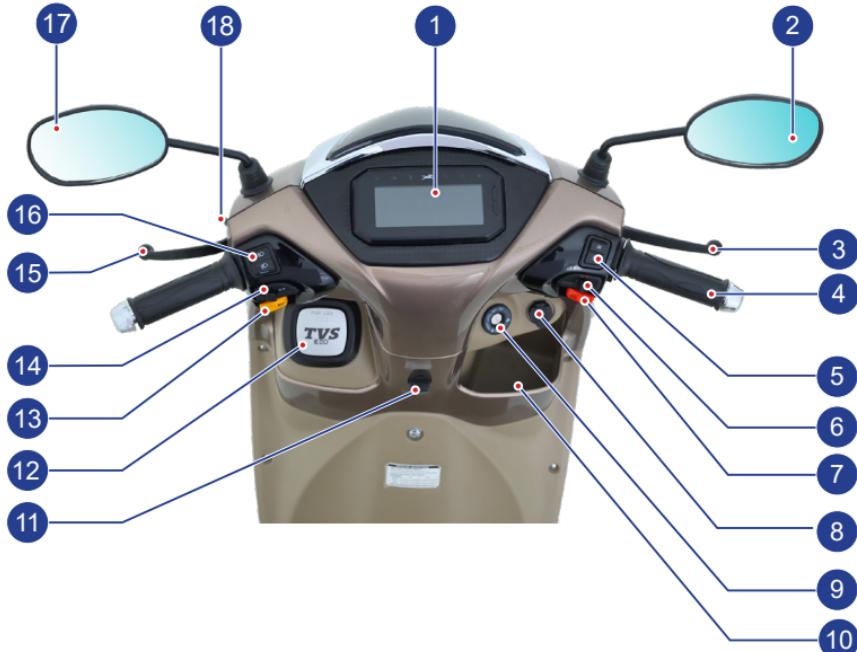
The frame serial number is stamped on the frame, at the rear end below the seat assembly. Open the seat assembly to read the frame number.



The engine serial number is stamped on the left side of the engine, at the bottom, near center stand mounting. See bottom to read serial number.



## LOCATION OF PARTS - HANDLE BAR



\* Mandatory and optional accessory will be charged extra

**LOCATION OF PARTS - VEHICLE LEFT SIDE**

1. Adjustable rear shock absorber
2. Rear brake adjusting nut
3. Side stand
4. Pillion foot rest L
5. Caliper assembly front
6. Disc plate front
7. Pillion handle with Backrest

**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

## LOCATION OF PARTS - VEHICLE FRONT & REAR



### FRONT

1. LED Head lamp
2. Head lamp focus adjuster
3. Turn signal lamp front LH
4. Turn signal lamp front RH
5. Throttle cable adjuster

### REAR

1. Turn signal lamp rear RH
2. Tail / brake lamp
3. Transmission oil level screw
4. Reflex reflector
5. Turn signal lamp rear LH

\* License plates are mandatory accessory will be charged extra



## ALL IN ONE LOCK

TVS Jupiter 125 comes with an 'All in one lock'. It has five positions and 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. Steering 'LOCK' position

TVS Jupiter 125's 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', turn it to the 'LOCK' position and take out. All the electrical circuits are turned 'OFF' in this position. **Insert the key into the lock and turn it to 'OFF' or 'ON' position to unlock the steering.**

#### Note

*When you switch on ignition key, the pump priming noise may be heard, which is normal. Avoid frequent 'SWITCH -OFF & ON' of ignition key, to avoid unnecessary run of fuel pump.*

*The speedometer back illumination, tail lamp and license plate lamp glow automatically once the ignition key is turned 'ON' without activating any other switches.*

#### 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.*

#### Warning

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

#### 4. Seat 'Unlock' position

Seat lock operation is inbuilt in 'All in one lock' of TVS Jupiter 125. To open the seat, keep the key in 'OFF' position and turn it to anticlockwise direction without pushing the key 'IN'.

To lock the seat again, press the seat at the rear end to its position till a 'Click' sound is heard.



#### 5. Fuel tank cap 'Unlock' position

Fuel tank cap lock operation is inbuilt in 'All in one lock' of TVS Jupiter 125. To open the fuel tank cap, keep the key in 'OFF' position, push the key 'IN' and turn it to clockwise direction. The tank cap opens automatically.

To close the fuel tank cap, press the cap at the front end to its position until a 'Click' sound is heard.



#### Note

While closing the fuel tank cap press at the dotted mark area of the cap for easy closing.



## CONNECTED INSTRUMENT CLUSTER

Your TVS Jupiter 125 is provided with a fully digital connected instrument cluster featuring a reverse RLCD display and a range of innovative features, including Bluetooth® connectivity, Average fuel economy, iGO assist, Time indication, Distance to empty, Digital odometer, Trip meters (A, B, and F), Service reminder, Helmet indication, Economy and Power mode indications, side stand indication etc.

Upon ignition, after self-check, the users are greeted with a welcoming message as illustrated, if your smart phone is not paired with the speedometer.

HELLO  
RIDER

But if your phone was paired earlier, then the name of the person as stored in the app (if stored) will be displayed instead of 'RIDER'.

### Note

*The name stored in the app has more than 11 characters the connected speedometer scrolls the name from right to left at readable speed.*



#### 1. Turn signal indicator lamp left (⬅)

Flashes when the left side turn signal indication is activated.

#### 2. High beam indicator lamp (💡)

Glow when the headlamp high beam is activated.

#### 3. Side stand indicator (👤)

The side stand warning indicator turns 'ON' to alert you whenever the vehicle's side stand is deployed (vehicle in parked condition).

## Note

*If the side stand is deployed, the vehicle will not start. Retract the side stand to start the vehicle. If there is an error in the side stand sensor, the indication will not blink and the vehicle will not start. In such a condition, please visit the nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.*

## **4. Malfunction indicator lamp - MIL ( )**

MIL will 'Blink' when the ECU detects misfire and will be 'ON' when the ECU detects any fault in the system.

**If the malfunction indicator lamp '  ' is glowing / blinking continually even after the starting the engine, immediately contact the nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer. Please remember that the 'TVS intelliGO' system will not work if the MIL indicator is 'ON'.**

## Note

*The malfunction indicator will continue to remain switched 'ON' after self checking of cluster until the engine is started. But soon after starting the engine this indicates gets 'OFF' if there is no malfunction is detected in the system.*

## **5. 'TVS intelliGO' ( )**

Fuel is consumed unnecessarily when the engine is in idling (eg. In traffic signals) as there is no useful output to the wheel. It contributes to emission and decreases mileage of the vehicle considerably.

To overcome this issue 'TVS intelliGO' system is introduced in TVS Jupiter 125 to automatically shut down the engine when it is kept idling for long and restart from stop condition by simply pressing the Brake and giving Throttle. The vehicle also can be restarted using 'Electric start' if required.

**We recommend to use of this 'TVS intelliGO' system to improve the fuel economy and reduces emission.**

### **Activation of 'TVS intelliGO' system:**

'TVS intelliGO' system gets activated when the following requirements are satisfied,

1. 'TVS intelliGO' switch is in '  ' position
2. Engine is warmed up and
3. When the vehicle speed is more than 5 kmph.



When the vehicle has met the above conditions, the 'TVS intelliGO' system gets enabled and the intelliGO indicator '**(A)**' in the speedometer glows and informs you that the vehicle has entered 'intelliGO' loop and the engine will stop automatically at upcoming vehicle idling condition.

Once the vehicle enters the idling condition, the intelliGO indicator starts blinking instead of glowing and engine stops after predetermined time. The intelliGO indicator starts glowing during the engine stop to indicate you that the vehicle has stopped due to 'intelliGO' system.

**The vehicle stopped by 'TVS intelliGO' system can be restarted at any time within 5 mins from the stop of the vehicle by intelliGO feature in a simple way of applying Brake and Throttle blip.**

### Deactivation of 'intelliGO' system:

'Idle start stop' system will be deactivated if the intelliGO switch is positioned at '**(A)**' position.

If the ISG malfunction indicator or MIL indicator is 'ON' then the intelliGO system will not work not get activated.

If there is 5 unsuccessful start of the vehicle either by electric start or by intelliGO restart method in one ignition key 'ON' cycle then the intelliGO will not get activated.

If vehicle is not restarted within 5 mins from idle stop, then intelliGO will be deactivated.

### Prolonged idling:

When vehicle is in idling with the engine temperature high enough to maintain stable engine idling rpm and the intelliGO switch is in '**(A)**' position, then the intelliGO will be activated.

When 'TVS intelliGO' is enabled, the intelliGO lamp glows for 5 seconds and then blinks for predetermined time and then the engine stops.

IntelliGO lamp will glow after vehicle has stopped due to this feature. By applying Brake and Throttle blip the engine can be restarted again.

## 6. Turn signal indicator left (◀)

Flashes when the 'left' side turn signal indication is activated.

### Note

Ensure that the brake free play is adjusted and it is within the limit for the proper working of 'TVS intelliGO'.

Vehicle can be started at any point of time using 'electric start' when the engine is stall condition and the ignition key is in 'ON' condition. The 'TVS intelliGO' switch can be activated / deactivated at any point of time.

If vehicle is stopped by 'TVS intelliGO' system, and the 'TVS intelliGO' switch is toggled from 'ON' to 'OFF' and back to 'ON', the intelliGO system will be deactivated and the vehicle can be restarted only by the 'electric start'.

7. Trip meter A, B & F / 8. Odometer / 9. Fuel gauge / 10. Economy and power mode indicators / 11. Speedometer / Average speed / Top speed



### 7a. Trip meter (A & B)

Trip meter indicates the trip distance traveled in kilometer. The digit after the dot mark denotes the one tenth of a kilometer.

Provision to measure two different distance 'TRIP A' or 'TRIP B' is provided for the users to use as per their convenience.

**TRIP**

**A**

**60.3 km**

**TRIP**

**B**

**57.3 km**



Refer page no 40 for the resetting procedure of Trip meter.

### 7b. Trip F

'Trip F' function displays the distance travelled after the low fuel indicator '' starts to glow and the fuel indicators last bar starts blinking. The display switches automatically to the 'TRIP F' mode after 0.5 km run of the vehicle and the low fuel indicator starts counting from 0 km.

If the fuel level remains in minimum safe level, the reading is saved even after the ignition 'OFF'.

The count stops and clears automatically after a certain distance of run and when the fuel level rises above minimum safe level.

'TRIP F' meter cannot be activated or deactivated manually. At every ignition 'ON', 'TRIP F' meter will get enabled automatically until fuel level is reached above minimum safe level.



### 8. Odometer

Registers and displays the total distance covered by the vehicle in kilometers.

**ODO**  
**5306 km**

#### Note

If the ODO / TRIP A or B / TRIP F meter (whichever is in display) segments are flashing and a error message as shown below is displayed on the notification area, contact nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.

**CHECK  
SPEEDSENSOR**

## 9. Fuel gauge

Digital bars indicates the approximate fuel quantity available in fuel tank. There are five bars to indicate the quantity of fuel available in the fuel tank. All the five bars will be displayed when the fuel in the tank reaches above 4.35 liters approximately (full tank).



When the fuel reaches half tank (3.1 liters approx.) the fuel gauge displays only three bars as shown.



The fuel gauge shows only single bar when the fuel reaches reserve level (1.55 liters approx.). Refill the fuel immediately.



Once the fuel level reaches 1.05 liters approximately, the last bar will blink and low fuel indication glows continuously.



**If all the fuel level bars in the cluster are starts blinking Contact nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.**

 **Caution**

*Before turning the ignition key to 'ON' position, ensure the availability of adequate fuel in the tank. That is LOW FUEL INDICATION shall not come 'ON', before the start of the vehicle. **To avoid dry run of fuel pump, never run vehicle beyond 5 km, after LOW FUEL INDICATION.***

### Note

*Fuel level shown is only for reference purpose and users are not encouraged to calculate mileage of the vehicle using the same.*

*If the side stand is in 'ON' condition, fuel gauge reading will not get updated. The fuel gauge reading gets updated once the side stand is released.*

*If all the fuel level bars of the connected instrument cluster starts blinking and the below error message is shown in the notification area of the speedometer, contact nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.*

CHECK  
FUEL SENSOR

### 10. Economy and power mode indicators

Economy indicator ' **ECO** ' indicates that the vehicle is running in economy mode which will give you a better fuel economy.

Power mode indicator ' **PWR** ' indicates that the vehicle is running in power mode.

### Note

*Always ride the vehicle in 'Economy Mode' for better fuel efficiency.*

*Whenever the engine is kept running in idle mode for more than 20 seconds approximately, the power mode indicator blinks and informs you that the fuel is getting wasted, please turn on intelligo feature or the engine needs to be switched 'OFF' to save the fuel. The power mode indicator blinking (power mode) changes to green light glowing (economy mode) when the throttle position is changed / increased from idling.*

### 11a. Speedometer

Indicates the vehicle speed in kilometer per hour.



### 11b. Average speed

Indicates the average speed in that the vehicle has been traveled in kilometer per hour.



### 11c. Top speed

Indicates the top speed so far that the vehicle has clocked in kilometer per hour.



The current ride's top speed continues to blink within the tachometer region while the vehicle speed is less than 2 km/h. When the speed exceeds 2 km/h, it automatically deactivates.

### Note

The average speed and AFE value displayed are estimated values and the actual value may differ from the displayed one.

12. Notification area / 13. Navigation window (pictogram) 14. Helmet icon / 15. Low battery indicator / 16. Service reminder / 17. ISG malfunction indicator / 18. Low fuel indication



## 12. Notification area

This is a general purpose notification area where the greeting message, various informations and warnings are displayed.



When the vehicle is stopped at a traffic signal or any other stop, the connected instrument cluster's notification area will display the following information one by one.

1. Ride time
2. Traffic
3. Eco and power
4. Battery voltage

### Ride time

Ride time indicates the total duration the vehicle has been in motion, in minutes, during the current ignition cycle.

RIDE TIME  
60 MINS

### Traffic

Traffic time indicates the total duration the vehicle has been idle, in seconds.

TRAFFIC  
25 SEC

### ECO - PWR

ECO - PWR shows the percentage of distance that the vehicle has been driven in 'economy' and 'power' mode with respective to ride pattern and duration of travel.

ECO-PWR  
65 35

### Battery voltage

Battery voltage displays the battery voltage of the vehicle.

BATTERY-V  
12 V

## **Note**

*All this will toggle for every few seconds in the display.*

### **14. Navigation window (pictogram)**

Once the navigation assist is turned 'ON', your TVS Jupiter 125 speedometer displays "Navigation assist ON" and enters into navigation window and displays the turn by turn navigation instruction with a simple and elegant graphical representation.



### **15. Helmet icon**

With every ignition 'ON', helmet icon '  ' blinks for 10 seconds on the right side of the digital speedometer to remind the rider to wear a helmet.

### **15. Low battery indicator**

An icon with battery symbol '  ' glows when the battery charge is too low.

Following error message also will be popped-up in the notification area when the low battery symbol is turned 'ON'.

LOW  
BATTERY

Get the battery checked at TVS Motor Company Authorised Main Dealer / Authorised Dealer.

### **16. Service reminder ( )**

If the service is due, whenever the ignition switch is turned 'ON', an icon with spanner symbol blinks for 10 seconds after the self test cycle of speedometer and continues to glow till the vehicle is serviced and reset. "Service Due" statement will be flashed as a warning.

SERVICE  
DUE

Get the vehicle serviced at TVS Motor Company Authorised Main Dealer / Authorised Dealer.

### **Note**

*Service reminder indicator lamp works only based on the distance (km) covered by the vehicle. This is only a reminder indicator. Customers are advised to keep track and follow the service schedule.*

### **17. ISG malfunction indicator (⚠)**

ISG malfunction indicator will be turned 'ON' when there is a fault in the ISG system.

If the ISG malfunction indicator is glowing continually after the self check cycle of the speedometer, immediately contact the nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.

**Please remember that the 'TVS intelliGO' and 'iGO Assist' system will not work if the ISG malfunction indicator is 'ON'.**

### **18. Low fuel indication (⛽)**

Low fuel indicator blinks when the fuel level is about to reach minimum safe fuel level. It glows continuously when the fuel comes below minimum safe level.

### **Caution**

*Before turning the ignition key to 'ON' position, ensure the availability of adequate fuel in the tank. That is LOW FUEL INDICATION shall not come 'ON', before the start of the vehicle. **To avoid dry run of fuel pump, never run vehicle beyond 5 km, after LOW FUEL INDICATION.***

**19. Digital clock / 20. iGO Assist Indication /  
21.Tachometer / 22.AFE / DTE indicator**



**19. Digital clock**

Indicates the time in 12 hour format (AM or PM).

5:06 PM

 **Note**

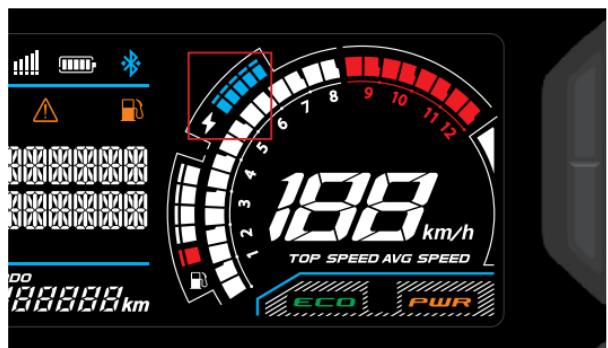
If the battery is disconnected and reconnected during service. You may need to reset the time as explained in page no 42.

**20. iGO Assist Indication**

iGO Assist Function enhances the engine's power during sudden Acceleration, thereby reducing the strain on engine and consequently improving its longevity and performance.

This system will be automatically activated when the following conditions are fulfilled:

1. The vehicles battery voltage is more than 12.5 Volts.
2. The engine temperature exceeds approximately 55° C.



## How to Activate the iGO Assist

1. Once iGO Assist is available - by giving sudden throttle acceleration, this iGO Assist can be activated, and it is indicated in the speedometer.
2. iGO Assist can be used approximately for a time of 8 seconds.

## How to deactivate from iGO Assist

1. While using the iGO Assist, if the throttle is decelerated or the vehicle speed exceeds 80 kmph - at these conditions, system will get out from iGO Assist and enters into charging period.
2. After using the iGO Assist for 8 seconds, the system will automatically enter charging period.

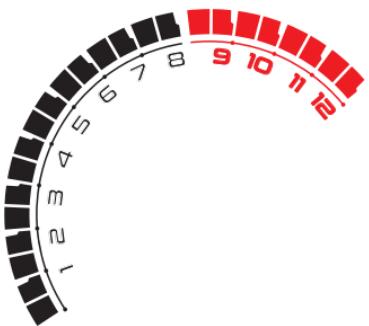
Once the charging period is completed, iGO Assist will be available and the same will be indicated in the speedometer.

### Note

*If any malfunction is displayed in the speedometer, please visit nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.*

## 21. Tachometer

The tachometer indicates engine speed, with each bar representing 500 rpm (Revolutions Per Minute) increments and the numerical display showing speed in multiples of 1000 rpm.



## 22a. DTE indicator

Indicates the approximate distance that can be covered by the vehicle with the available fuel in the tank.



In case of any error in the system the message ' - - km' will appear without range reset. Contact nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.

**DTE**

**- - km**

When the DTE becomes 0 km, the indication ' - - km' will be displayed until the fuel is refilled.

## 22b. Average fuel economy indicator

Indicates the approximate average mileage that the vehicle has achieved so far from last reset.

Refer below for the resetting procedure of average mileage indicator.

**AFE**

**5 1km/L**

When average fuel economy value is reset, then for the first 1 km, ' - - km/L' will be displayed and then the calculated average mileage value will be updated for every 2 km.



In case of any error in the system the error message ' - - km/L' will appear. Contact nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.

**AFE**

**- - km/L**

If the fuel is filled above 4.35 liter, then the range indication displays ' - - km'. Range will be displayed when the fuel left in tank is below 4.35 liter, also when Low fuel indication ON. Range will be show ' - - km'.

If either 'DTE' or 'AVG' is reset the values of both the indicators will be reset and updation will happen after 1 km of reset.

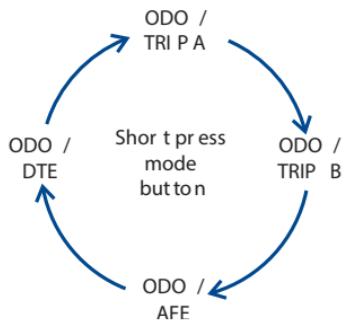
## MODE AND SET BUTTONS



The 'Mode' (A) and 'Set' (B) buttons are provided to change between various modes and to set the some of the digital display functions of the digital speedometer. The sequence of modes and their selections are explained in detail below.

Short press the 'Mode' button to access the following modes:

1. Trip A
2. Trip B
3. AFE
4. DTE

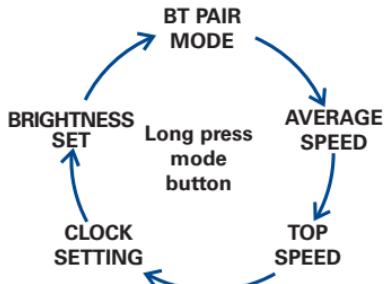


1. In 'Trip A' mode, press the 'Mode' button once to enter 'Trip B'.
2. In 'Trip B' mode, press the 'Mode' button once to enter 'AFE' indicator mode '<sup>afe</sup> 5 km/L'.

- To reset the 'AFE' value while ensuring that the display in 'AFE' mode '<sup>afe</sup> 5 km/L', press and hold the 'Set' button for a few seconds.
- 3. In 'AFE' mode, press the 'Mode' button once to enter 'DTE' indicator mode '<sup>DTE</sup> 115 km' :
  - To reset the 'DTE' indicator while ensuring that the display in DTE mode '<sup>DTE</sup> 115 km', press and hold the 'Set' button for a few seconds.
- 4. Press the 'Mode' button once again to change the display to 'TRIP A' mode again.

On long pressing the 'Mode' button, the following modes can be accessed.

1. BT PAIR MODE
2. AVERAGE SPEED
3. TOP SPEED
4. CLOCK SETTING
5. BRIGHTNESS SET



1. Long press the 'Mode' button to enter 'Average speed' from any mode except BT pair mode.
  - To reset the 'Average speed' while ensuring the display is in 'Average Speed' mode '**60** km/h', press and hold the 'Set' button for a few seconds.

2. In 'Average speed' mode, long press the 'Mode' button to enter 'Top speed' mode.
  - To reset the 'Top speed' while ensuring the display in 'Top speed' mode '**95** km/h', press and hold the 'Set' button for a few seconds.

#### To reset the 'TRIP A' or 'TRIP B' meter

- Turn 'OFF/ON' the speedometer and the speedometer enters into default BT pairing mode.
- Once the vehicle speeds exceeds 2 km/h, the speedometer exits BT pairing mode and returns to previous 'TRIP A' or 'TRIP B' mode.
- Now press and hold the 'Set' button for a few seconds to reset the respective trip meter.

Else,

- Long press the 'Mode' button and enter into normal display of the speedometer (either 'TRIP A or TRIP B' mode) as explained earlier.
- Now press and hold the 'Set' button for a few seconds to reset the respective trip meter.

## Clock setting

In 'Top speed' mode, long press the 'Mode' button to enter 'Clock setting'.

# SET CLOCK

- On entering the clock setting mode, the digital clock starts blinking. Now, press the 'Set' button. On pressing the 'Set' button, the hour digits of the clock starts blinking and enables you to change the hours. Press the 'Mode' button to increase the hours while hour digits are blinking.
- On pressing the 'Set' button again the hours gets set and the minute digits starts blinking.
- Now, press the 'Mode' button to increase the minutes while minute digits are blinking.
- Once again press the 'Set' button so that the minutes of the clock is set and the hours format 'AM' or 'PM' starts blinking.
- Press the 'Mode' button to change the hour format either to 'AM' or 'PM'.
- Press the 'Set' button once again to set clock and long press 'Mode' button to come out of clock setting mode.

4. Press the 'Mode' button once to change the display to 'ODO' mode again.

### Note

*Above mode changes are possible only when the vehicle is in static condition for safety.*

*If no input is given for more than 20 secs during clock setting, the digital speedometer comes out of this setting mode automatically.*



## Brightness set

In 'Clock setting' mode, long press the 'Mode' button to enter 'Brightness set'.

Now press the 'SET' switch to increase / decrease the display screen brightness percentage.

BRIGHTNESS  
SET - 60 %

On each press of the 'SET' switch, the brightness value increases with the increment value of 20% till it reaches the maximum of 100%.

### Note

*By default, the brightness value is set at 60%. Once the illumination level is altered and after ignition is reset (ON / OFF), it will follow time based brightness.*

*If the clock is set by mode switch operation and if the illumination is set by Bluetooth mobile application,*

***From 6:00 AM to 6:00 PM illumination shall be 100%.***  
***From 6:00 PM to 6:00 AM illumination shall be 60%.***

*If clock is not set by mode switch operation or illumination is not set by Bluetooth mobile application, RLCD brightness value will be default value 60%.*

## BT PAIRING

On every ignition ON and after welcome animation is completed, the instrument cluster displays its Bluetooth pairing name (unique for each cluster) in information panel.

TVSS2A0008  
BT MODE

The connected instrument cluster of your TVS Jupiter 125 can be connected to your Android™ smart phone and iPhone® via Bluetooth® through a **TVS CONNECT** app which can be downloaded from Google Play store and the App Store®.



**TVS CONNECT**

### First time Bluetooth paring:

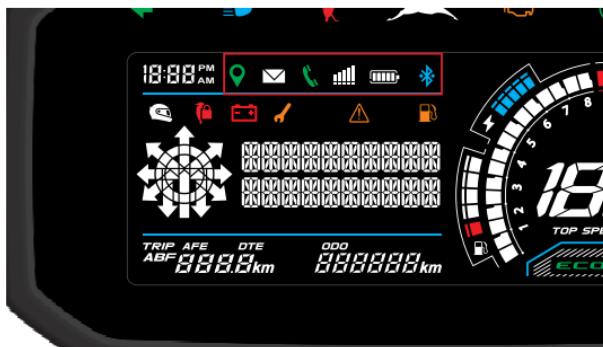
To pair your Android smart phone or iPhone with your TVS Jupiter 125's connected instrument cluster, via Bluetooth, for the first time, follow the procedure as described below :

1. Switch 'ON' the vehicle.
2. Enter the 'BLE MODE' of connected speedometer as explained earlier.
3. Open the 'TVS CONNECT' app and press the 'CONNECT' icon, while ensuring that the smart phone is near to the vehicle.
4. The app searches for all Bluetooth devices near by and displays the list of devices available.
5. The connected instrument cluster's Bluetooth name is prefixed by TVS and followed by alphanumeric digits. Ex : 'TVSXXXXXX'. This Bluetooth name can be found in the speedometer dial after turning the ignition 'ON'.
6. Now, select the 'TVSXXXXXX' in the app to initiate the pairing process.

7. On pairing, the connected speedometer displays 'CONNECTION SUCCESSFUL' message for 3 secs and a Bluetooth icon '•\*' will be displayed continuously until the pairing condition exits.

CONNECTION  
SUCCESSFUL

8. In Addition to this icons, phone's battery level icon, mobile signal strength level (only in android devices), incoming call icon, unread message icon and location icon will be present on the top near clock.



## Note

During the course of pairing process, if there is any occurrence of error, the connected speedometer should be turned 'OFF' and 'ON', and the application also need to be restarted.

Please remember that all the smart phones are not compatible for pairing with the TVS Jupiter 125's connected speedometer.

During the search of Bluetooth devices in app, if the vehicle's connected speedometer's Bluetooth device ID is not visible, try for one or two more iterations.

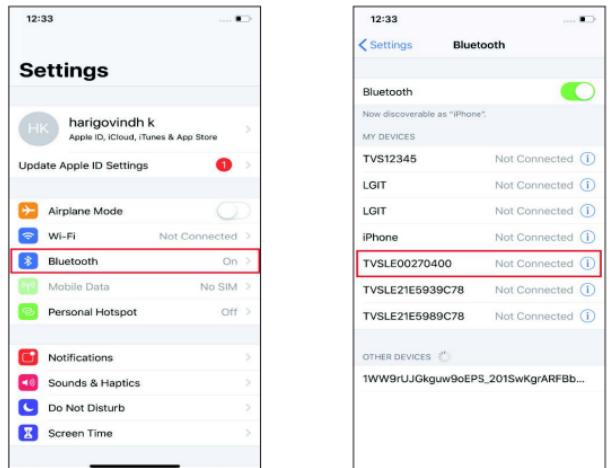
Any number of Android smart phones can be auto-paired with the connected speedometer of TVS Jupiter 125, but only one at any point of time will be actively connected with the speedometer.

Only one iPhone can be auto-paired with a single connected speedometer at a time. If the user need to connect multiple iPhones with the single speedometer, the previous connected iPhone has to be forgotten by clicking, 'Forget This Device' from Bluetooth settings of the iPhone.

If the vehicle battery is reset or fuse is blown, then 'Forget This Device' from Bluetooth settings.

## Steps to 'Forget This Device' in iPhone:

If the user needs to connect multiple iPhones with the single connected speedometer, the previous iPhone has to be forgotten using 'Forget This Device' from Bluetooth settings in the following manner:



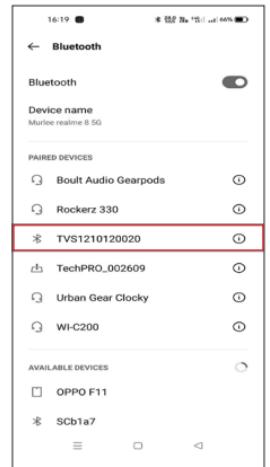
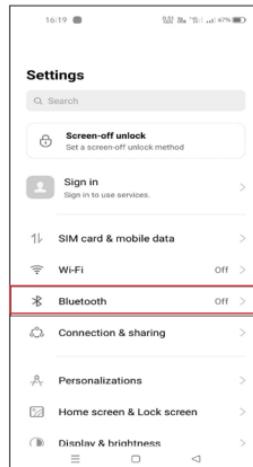
1. In the previous connected iPhone, open the SETTINGS -> BLUETOOTH tab.
2. Select the connected speedometer, which was connected previously.
3. Click on the 'Forget This Device' tab.



## Steps to 'unpair' in Android phones:

Similarly, if the user has any issue in auto pairing the existing paired Android smart phone or to connect multiple Android smart phones with the single instrument cluster, the previous paired Android smart phone has to be unpaired. To unpair an already paired smart phone:

1. In the previous connected Android smart phone, open the SETTINGS -> BLUETOOTH tab.



2. Select the speedometer which was connected previously and click on the 'Unpair' tab.



### Note

Incase multiple SIM cards are used in smart phone, by default, SIM 1's network provider's signal strength is shown in the display of connected speedometer (only in android devices).

Signal strength displayed in the connected speedometer might vary from the display in smart phone as the former is referred from telephonic standards.

### Note

If the smart phone enters battery saver mode, auto-pairing might not happen. It takes maximum of five minutes for auto-pairing and it can happen in vehicle running or engine at idling or engine off condition.

Auto-pairing happens only if the application is locked in the RAM in multitasking screen of the smart phone which has customized OS (Ex : MI, Vivo etc.).

In case of Android smart phones with Android OS version above 8.0, for App to work seamlessly, any battery optimization setting to be removed in the TVS Connect App and GPS shall be allowed to run in background in high accuracy mode.

Even if your smart phone's Bluetooth is already paired to other gadgets like smart watch, health band or helmet, the auto-pairing works with your TVS Jupiter's connected speedometer.

If the application unfortunately stops due to unforeseen circumstances, close and reopen the application and do the manual pairing for the first time, then auto pairing will happen subsequently.

For first time pairing, logout from the app, login again with your login credential and press 'CONNECT' tab.

### **Auto pairing:**

Once the first time pairing is done between vehicle's connected speedometer and your smart phone, the smart phone will automatically connect with the vehicle when the following conditions are met:

1. Vehicle is switched 'ON' and vehicle is near to the smart phone.
2. Smart phone's Bluetooth is turned 'ON'.
3. First time pairing is ensured.
4. In case of iPhone, the 'TVS CONNECT' app should be opened or be opened in background for auto-pairing to happen.

Every time auto-pairing happens, app will open automatically and connect with the connected speedometer. The connected speedometer displays 'CONNECTION SUCCESSFUL' message at the notification area.

**CONNECTION  
SUCCESSFUL**

Once the connected speedometer of your TVS Jupiter is connected with your smart phone, the connected speedometer displays phone's battery level icon, mobile signal strength level, incoming call icon, unread message icon and location icon will be present on the top near clock.

If your smart phone is disconnected from the vehicle's connected speedometer then, 'Device DISCONNECTED' message will be displayed on the connected speedometer's display.

**DEVICE  
DISCONNECTED**

### **Incoming call alert display ' ':**

After pairing, the connected speedometer will display the incoming call alerts from the smart phone via Bluetooth. Ex. 'CALL FROM TVSM', will be displayed if the contact is stored in the smart phone otherwise number will be displayed. Ex. 'CALL FROM 9999999999'.

**CALL FROM  
TVSM**

**CALL FROM  
9999999999**



The last caller details incase if the caller ID is stored in the memory will be displayed as shown below:

**CALLER NAME**  
TVSM

**Incoming SMS alert display '✉': (applicable for iOS)**

The connected speedometer's RLCD will display the incoming SMS alerts from the smart phone via Bluetooth. Ex. 'SMS FROM TVSM', will be displayed only if the contact is stored in the smart phone.

SMS FROM  
TVSM

### **Navigation assist:**

After pairing, once the navigation option is enabled on the mobile app, the speedometer enters the navigation mode and displays the below message:

**NAVIGATION  
ASSIST ON**

On receipt of the navigation commands from the mobile app, the same will be indicated by the speedometer to the user using the alpha-numeric display as shown below:

450m  
TURN RIGHT

The route suggested by the app is not followed and alternate route is taken, re-routing will be done by the app and the same will be displayed by connected speedometer as shown:

**RE-ROUTING**

Once you reach your desired destination, the connected speedometer displays arrival message as shown below:

YOU ARRIVED

#### **Phone battery low indication:**

If the connected smart phone's battery charge status is lesser than 10% then, the speedometer displays the below warning message:

PHONE LOW  
BATTERY

#### **Alerts messages**

##### **Fuel sensor error message:**

If there is any malfunction in the fuel sensor 'CHECK FUEL SENSOR' error in the connected speedometer display.

##### **Speed sensor error message:**

If there is any malfunction in the speedo sensor 'CHECK SPEED SENSOR' error in the connected speedometer display.

##### **Service reminder:**

Service reminder '

##### **Low battery indicator:**

An icon with battery symbol ' 51

### **iGO assist indicator:**

TVS Jupiter is equipped with lightweight engine with iGO Assist. This feature delivers a boost in acceleration from a standstill and during overtaking scenario.

This system will be automatically activated when the following conditions are fulfilled:

1. The vehicles battery voltage is more than 12.5 Volts.
2. The engine temperature exceeds approximately 55 deg C.
3. There is no error in the vehicle

Once these conditions are met, the speedometer displays “

**iGO  
READY**

acceleration, assist will be activated and the speedometer shows “

**iGO ACTIVE**”

Assist can be used approximately for a time period of 8 seconds. After assist activation, the vehicle enters into charging state for few minutes. Once battery is charged, once again “iGO READY” indication will be displayed in the speedometer.

## TVS CONNECT APP



Dedicated smart phone app is available in the Google Play and the Apple store for your 'TVS Jupiter' and it can be installed in your Android and Apple smart phones. To access the features of your TVS Jupiter's connected speedometer like:

- Incoming call alerts, SMS alerts, number of missed call alert, etc. in the connected speedometer.
- To know the battery status and signal strength (only in android devices) of your smart phone in connected speedometer.
- Fuel status, distance to empty, live tracking (speed & mileage of current ride) details in App.
- To enable / disable 'Do Not Disturb' mode during the ride (applicable only for Android smart phones).
- To enable / disable 'High Speed Alert' during ride.
- To send navigational assist instructions inputs to the connected speedometer from your smart phone.

- To save the last traveled route.
- To locate the last parked location of your TVS Jupiter.
- To generate, store and share Ride reports.
- To sync the connected speedometer clock with smart phone clock.

This dedicated mobile app of your TVS Jupiter can be downloaded from the Google Play store and the App Store® by searching the key word '**TVS CONNECT**' else by scanning the below QR code.



Android



iOS



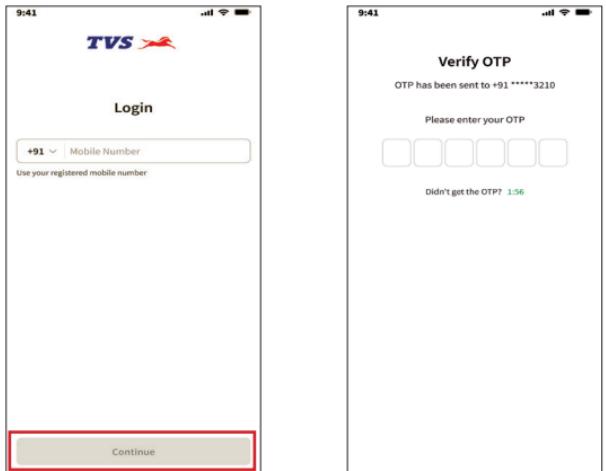
## How to login

On opening the **TVS CONNECT** App the following introductory screen will be displayed.



Click on the 'Login' tab provided at the top of the screen to begin a login process.

On entering the login screen you will be prompted for your registered mobile number entry. Enter the mobile number and press 'Continue' tab to proceed further.

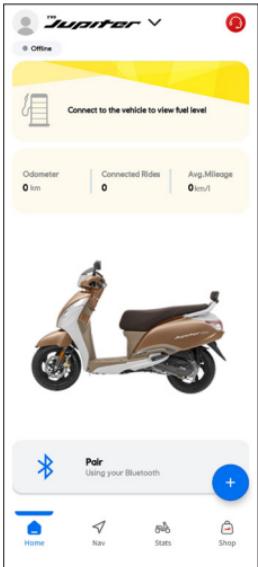


Now, an OTP verification screen will get open. Key-in or copy & paste the OTP received from TVSM to login.

### Note

*During login process, will be prompted for various permissions by the App. Provide necessary permission to the app to work seamlessly.*

After logging in successfully the default vehicle screen opens as shown below with various informations.



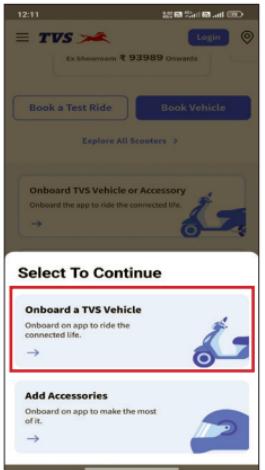
### Note

Refer App help for complete details.

## Onboarding TVS Vehicle

You can onboard your TVS vehicle into the App by following the procedure given below:

- Scroll down the initial screen and click on the 'Onboard TVS Vehicle or Accessory' tab and select the 'Onboard a TVS Vehicle' option.



- On selecting this option, a screen with options of adding your vehicle or accessories will get open. Select the 'Add Vehicle by VIN' tab of the screen.
- Now, Another screen gets open with the VIN number and Invoice date or Engine/Motor number entering options.
- Key-in the necessary data to add the required vehicle and press the 'Add' button at the bottom of the screen.



**Add Vehicle**

VIN Number\*  
MD626XXXXXXXXXX

Select Invoice Date or Engine/Motor Number to proceed

Engine/Motor No.     Invoice Date

Engine/Motor Number\*  
XXXXXXXXXXXX

**Add**

### Note

You can get the number by chatting with us or by E-mailing to us or by calling us.

After completing the trip, whenever the vehicle is switched ON again, TVS Connect app will not connect automatically. Click the 'Connect' button of TVS connect app to connect with cluster.

## LED HEAD LAMP

TVS Jupiter 125 comes with a LED head lamp which glows automatically once the engine is started. The head lamp beam (high / low) can be controlled by changing the beam control switch position to 'Low' or 'High' beam.

TVS Jupiter 125 comes with follow me home headlamp feature. Your headlamp remains ON for 20 seconds after you switch off your vehicle, to guide you reach home safely in darkness.



## HANDLE BAR LEFT SIDE

### 1. Horn switch

Press the switch ' 

### 2. Turn signal lamp switch

Slide the turn signal lamp switch to the left ' 


### ⚠ Warning

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



### 3. Left hand brake lever (SBT brake lever)

Synchronised Braking Technology (SBT) can be operated by pressing the left hand brake lever gently towards the handle grip.

SBT technology helps to operate both front and rear brakes by distributing the force optimally between the two braking system.

### 4. Parking brake (rear brake lock lever)

Brake lock protects your scooter from rolling-off, when parked on side stand (or) helps you relax while waiting in a long traffic signal (or) a slope.

To activate brake lock, press the brake lever almost half towards the grip and hold, then press the parking brake lever to the maximum and release the brake lever slowly. Ensure the brake is locked properly. Pressing the brake lever further releases the brake lock automatically.

#### **Warning**

*Since your vehicle is fitted with SBT brake system it is essential to maintain the brake system in good condition. Adjust the brakes system at regular intervals for the proper working of SBT.*

*Ensure to release the brake lock before riding the vehicle.*

### 5. High/low beam cum pass-by switch

**The head lamp glows automatically once the engine is started. Only the head lamp beam (high / low) can be controlled by pressing the 'high / low beam' switch.**

Press the switch towards '  ' to operate head lamp high beam or press it towards '  ' to operate head lamp low beam.

TVS Jupiter 125 has a combined switch for head lamp 'high / low beam' and 'pass-by' operation. To operate the pass-by, keep the switch in low beam position and gently press & release the switch. 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. It is strongly recommended to ride the vehicle in 'low beam' during day.*

## HANDLE BAR RIGHT SIDE



### 1. 'TVS intelliGO' switch

To activate the 'TVS intelliGO' system, set the intelliGo switch to '**(A)**' position. The intelliGo indicator '**(A)**' of the speedometer glows for 2 seconds on activation of intelliGo system.

To deactivate 'TVS intelliGO' system, set the intelliGo switch to '**(A)**' position.

### Note

Refer page No. 27 for intelliGo feature details.

### 2. Right hand brake lever

Front brake system can be operated by pressing the right hand brake lever gently towards the throttle grip. The brake lamp glows on application of either right hand or left hand brake lever.

### 3. 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.

### 4. Hazard switch

Whenever it is necessary to park the scooter in a hazardous location due to emergency situation, press the hazard switch to '**△**' position with the ignition 'ON' condition. This makes all the turn signal lamps to flash simultaneously to make other road users aware of presence of the vehicle.

### Warning

*Usage of hazard switch in engine 'OFF' condition can lead to battery drain and can affect the electric startability of the vehicle.*



## 5. Electric starter switch

Press the starter switch '  ' to start the engine electrically along with the application of either of the brake and side stand in retracted condition.

### **Caution**

*It is not recommended to add any additional throttle grip (cover).*

## FUEL TANK\*\* CAP

Fuel tank is located at the front end of the vehicle below the handle bar.



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

To open the fuel tank cap, follow the procedure given in the page No. 25. To close the cap, gently press the cap in its position and ensure locking by hearing 'Click' sound.

### **Caution**

*Ensure that the fuel gun is inserted fully into the tank neck while refueling.*

*Whenever refueling the scooter, fill only the recommended quantity of fuel.*

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

### **Warning**

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

### **Note**

*While closing the fuel tank cap press at the dotted mark area of the cap for easy closing.*

## EFFORTLESS E-Z CENTRE STAND

TVS Jupiter 125 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.



### Caution

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

## SIDE STAND

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



### Note

If the side stand is deployed before starting the vehicle, the vehicle will not get started. And if the side stand is deployed with the engine running condition, the engine gets off automatically to ensure the safety.

If there is an error in the side stand sensor the indication will blink and the vehicle will not start. In such condition, please visit the nearest TVS Motor Company Limited Authorised Main Dealer / Authorised Dealer.

## 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, seat need to be opened. Follow the procedure given in the page No. 25 for the seat opening procedure.



### 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.*

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

- 10x12 mm spanner
- Combination screw driver bit
- Screw driver handle
- Tool bag

### Warning

*Do not remove the tool kit and first aid kit from the vehicle. Always ensure to keep them along with the vehicle. Ensure the first aid equipments are changed periodically based on the date of expiry.*

## UTILITY BOX

Utility box is located below the seat. Lift the seat by unlocking the seat lock as explained in the page No. 25 to access the utility box.



## ⚠ Warning

*Operating the TVS Jupiter 125 overloaded will hamper the riding stability and may lead to loss of control. Hence, it is advisable to carry the recommended amount of load only.*



## Caution

*Utility box has the storage space of 33 liters.*

*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.***



## GLOVE BOX FRONT

TVS Jupiter 125 is provided with glove box front. Which has 2 liter storage capacity and used to hold your mobiles while charging or hold a small bottle.



### Warning

*Ensure that your mobile or any material stored is safely held with in the glove box front while riding your TVS Jupiter 125.*

*Also recommended not to keep your belongings when the vehicle is parked unattended.*

## 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.*

## **SMART PHONE CHARGER\***

This smart phone charging socket enables you to charge your smart phone when you are traveling.

This socket is located below the handle at right side of the vehicle. Please go through the operating manual of the mobile phone and use a suitable USB cable recommended by the mobile phone manufacturer for that particular model. Please follow the guidelines provided for the proper usage of the socket:

### **DO's**

1. Ensure that no water enters into the socket by closing the USB flap properly.
2. Use only mobile phone company's authorized USB cable for mobile charging.
3. Do make sure the flap is not damaged while opening / inserting the USB cable.

*\* Mandatory and optional accessory will be charged extra*



### **DON'Ts**

1. Do not leave the USB charging flap open / partially closed.
2. Do not attempt to use / charge any other device, other than one mobile phone at a given time.
3. Do not try to force the USB connector in, check if it is inserted in the appropriate direction, to prevent damage.
4. Do not charge your mobile when the engine is in 'OFF' condition.
5. Do not use other device, this port is for charging mobile phones only.



 **Caution**

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

*The charging time of the mobile may vary, depending on the mobile battery's state of charge.*

*The flap in the unit has been designed to prevent water entry and it is not replaceable. **No warranty for charger in case of flap damage.***

## PRE RIDE INSPECTION

Check the following items before riding

ITEM	WHAT TO CHECK FOR
Engine oil	Availability of oil upto the level (page no. 80)
Transmission oil	Availability of oil upto the level (page no. 81)
Fuel	Enough fuel for the planned distance of running
Tyres	Correct pressure (page no. 86) Adequate tread depth / No cracks or cuts.
Battery	Proper working of electric starter, horn, fuel gauge, pass-by, brake lamp, tail lamp, speedo back illumination, license plate lamp and turn signal lamps.
Lighting	Proper working of head lamp high / low beam and high beam indicator
Steering	Smooth movement / No play or looseness
Throttle	Correct free play of cable / Smooth operation
Brakes	Availability of brake fluid upto the level (page no. 82) Correct rear brake lever play (page no. 83)
Wheels	Free rotation
Malfunction indicator	Turned OFF after the engine is started (page no. 27)
ISG malfunction indicator	Turned OFF after the Ignition 'ON' and engine is started (page no. 36)

### Caution

*Do not switch 'ON' the ignition without minimum level fuel in tank. It will cause damage to the fuel pump.*



## STARTING THE ENGINE

Ensure the availability of fuel in the fuel tank. Insert the control key into the ignition cum steering lock and turn it to the 'ON' position. In side side retracted condition, apply any one of the brake and press the electric starter switch to start the vehicle.

Press the start button (one touch noiseless start) without applying the throttle. As soon as the engine starts, release the start button. The engine will not start if the throttle is opened.

## 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.

## 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.

### Warning

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

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

### Caution

*Do not open excessive throttle when the vehicle is parked. It leads to overheating of engine and damage to the internal components.*

## FUEL RECOMMENDATION

Use only BS VI petrol with minimum RON 91.

BS VI petrol containing upto 20% of ethanol by volume can be used.

Higher ethanol content in petrol can lead to

- degrade plastic and rubber components of fuel system and vehicle parts
- cause corrosion damage to metal parts like fuel tank, etc
- result in startability & drivability issues
- decrease fuel economy

Ethanol absorbs water very easily, resulting fuel separation. Extra care shall be taken to prevent moisture entry into fuel tank while filling ethanol blended petrol and water washing of vehicle.

Painted parts (viz. panels, covers) shall not come in contact with ethanol blended fuels.

Manufacturer is not responsible for any warranty issues that results from using ethanol blend in excess of 20% by volume in petrol.

In case of any abnormalities observed due to use of ethanol blended fuels, customers are advised to use a different fuel station / brand for standard E20 fuel or contact authorised service centres.



### Caution

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

## CHECKS AND TIPS FOR IMPROVING FUEL ECONOMY

### Regular checks

Carry out the periodic maintenance checks as specified in this manual (page no. 72).

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. Inspect and clean 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 paper 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 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 issues and fuel loss.

## Tyres

Low tyre pressure has adverse effect on the vehicle. The **drag on the vehicle** increases resulting in 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. 86). 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 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.

## Note

*The on-road mileage of TVS Jupiter 125 is dependent on several factors like road condition, quality of fuel, riding speed, operation of brake, tyre inflation, maintenance / timely servicing of vehicle, load etc. and hence will differ from the mileage given under standard test conditions such as made in recognised institutes.*

## 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 125, it is recommended that you use only the TVS Motor Company Genuine parts.



### Caution

*Proper running-in and maintenance are mandatory for making certain that your vehicle is reliable and gives optimum performance at all times. Make sure that the periodic maintenance is performed thoroughly in accordance with the instructions given in this user's manual.*

*In more dusty areas, the air filter element requires early replacement than the mentioned kilometers to avoid costly damages to the engine.*



## PERIODIC MAINTENANCE SCHEDULE (months or km whichever occurs earlier)

ITEMS	ACTIVITY	SERVICE km PERIOD FROM DATE OF SALE	PRE RIDE CHECK	FREE SERVICE			AFTER FREE SERVICE	REMARKS
				1st 500 ~ 750 30 ~ 60 days	2nd 5500 ~ 6000 6 months	3rd 11500 ~ 12000 12 months		
Engine oil / Oil filter (strainer)	Replace or Inspect and top-up	–	R / C	R / C	R / C	R / C	R / C	Clean strainer
Transmission oil	Replace or Inspect and top-up	–	–	–	–	–	–	Replace every 24000 km
Spark plug	Inspect and clean or Replace	–	I	–	R	–	–	Inspect and clean if required. Replace every 12000 km
Air cleaner element	Replace	–	–	–	R	–	–	Replace every 12000 km
Tappet clearance	Inspect and adjust	–	I	I & A	I & A	I & A	I & A	Inspect for any abnormal noise, starting trouble and adjust if required
Drive belt, CVT rollers and clutch shoe	Replace	–	–	–	–	–	–	Replace every 24000 km
Cover variator	Inspect, clean and lubricate	–	–	I, C & L	I, C & L	I, C & L	I, C & L	
Front and rear suspension	Inspect for proper functioning	–	–	I	I	I	I	
Evaporative emission control system	Inspect	–	–	–	–	–	–	Every 18000 km
Throttle cable / grip	Inspect, clean, lubricate and adjust	–	–	I, C, L & A	I, C, L & A	I, C, L & A	I, C, L & A	
All fasteners	Inspect and tighten	–	I	I	I	I	I	Tighten if required
Steering smooth operation / play	Inspect, adjust and lubricate	–	–	–	I & A	–	–	Inspect and adjust Lubricate if required

Contd...

ITEMS	ACTIVITY	PERIOD FROM DATE OF SALE km	PRE RIDE CHECK	FREE SERVICE			AFTER FREE SERVICE	REMARKS
				1st 500 ~ 750 30 ~ 60 days	2nd 5500 ~ 6000 6 months	3rd 11500 ~ 12000 12 months		
All bulbs, horn and switches working	Inspect for proper functioning	-	-					
Head lamp beam (focus)	Inspect and adjust		-				Adjust if required	
Battery Voltage (recharge if required)	Inspect	-	-				Through diagnostic tool or at battery terminal	
Brake effectiveness / play	Inspect, adjust & lubricate at cable ends		I, L & A	I, L & A	I, L & A	I, L & A		
Brake cam	Clean and lubricate	-	-	C & L	-	-	At 6000 km and every 18000 km thereafter if necessary	
Wheels / Tires	Inspect		-				Set tyre pressure if required	
Brake fluid*	Replace or Inspect and top-up		-				Replace at 21000 km or 2 years whichever occurs earlier	
Brake hose*	Replace or inspect			-				
Master cylinder cups*	Replace			-	-	-	Replace at 18000 km	
Disc brake SBT cable play*	Inspect and adjust		I & A	I & A	I & A	I & A		
MIL codes	Inspect		-				Connect ride scan tool if MIL glows in speedometer Check and clear DTCs	

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

\* Applicable only for Disc Brake version



## RECOMMENDED LUBRICANTS

APPLICATION	QTY	MANUFACTURER	BRAND
Engine oil	700 ml	TVS Motor Company	TVS TRU4 SKUUTA oil (SAE 10W30 API-SL, JASO MB)
Transmission oil	120 ml	-do-	-do-
Front fork oil	92 ± 1 ml / leg	IOC	Gabriel Premium front fork oil
Disc brake fluid <sup>#</sup>	–	TVS Girling	DOT 3 / DOT 4
Grease	–	Bharat petroleum IOC Bechem Kluber Lubrication	MP Grease No. 3 Servo Gem No. 3 Bechem Premium grade 3 Kluber Centoplex 2

<sup>#</sup> Applicable only for Disc Brake version

## SELF - MAINTENANCE PROCEDURES

### MAINTENANCE FREE (MF) Battery

Battery is located at the front of vehicle inside the front panel. This panel must be removed to access the battery. Follow the procedure for front panel removal:

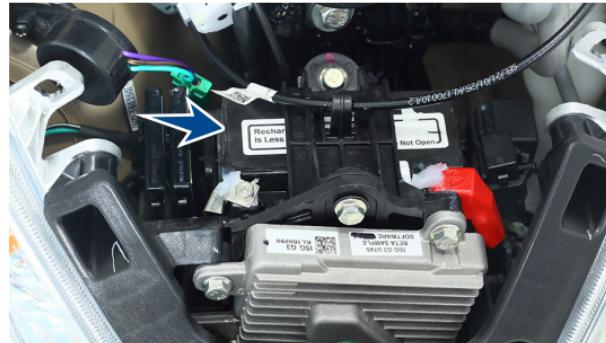
1. Remove the front panel mounting screws shown in the figure (2 nos.).
2. Gently pull out the front panel by dislocating its lugs while taking care not to damage the mounting lugs.
3. During reassembly reverse the removal procedure.



Since the maintenance free battery is fitted in your vehicle it is not necessary to top-up with the distilled water. But to ensure the battery performance and long life, follow the steps given below:

Check the battery voltage as per the schedule. If the voltage is less than 12.4 volts, charge the battery using **recommended MF battery charger** at TVS Motor Company Authorised Main Dealer / Authorised Dealer.

1. Adding any additional electrical accessories other than TVS Motor Company Limited recommended ones, may lead to disqualification of warranty coverage.



2. While connecting the terminals, observe the correct polarity. Connect the red wire to the '+' terminal and black wire to the '-' terminal of the battery.
3. Petroleum jelly must be applied at terminals to prevent it from corrosion.
4. Incase of any abnormality or for removal of battery from the vehicle, contact TVS Motor Company Authorised Main Dealer / Authorised Dealer.

### **Caution**

*Never check the battery charge by shorting the terminals.*

*Always connect the positive terminal first (red wire) and then negative (black wire) to avoid sparking.*

*The inversion of the battery wires can damage the battery and the electrical system.*

### **Recommendations to maintain battery health during prolonged parking conditions**

While your vehicle is parked for prolonged duration, battery continues to discharge and if left unattended can get completely discharged. It is recommended to ride the vehicle for minimum 60 km every week to keep the battery in healthy condition. This could be at a stretch in one ride or several rides during the week. The vehicle speed will vary during the ride but an average speed of minimum 30 kmph will be helpful to ensure proper battery charging. Use kick-starting, if available, to conserve battery charge during such period. This is only a recommendation to maintain battery charge and regular service schedules must be followed to maintain your vehicle in good running condition.

The following is recommendations to users regarding battery maintenance before, during and after long storage of battery:

#### **1. Before storage**

- a. Store the battery only after fully charging it.
- b. Battery fuse to be disconnected and stored safely. This will reduce the sleep mode current and hence enhance storage life of battery. #

*# To be done by skilled personnel*

- c. Alternatively, battery connecting wires (positive and negative wires) can be disconnected and fasteners can be secured with battery terminals.<sup>#</sup>

## 2. During storage

- a. Store it at room temperature or lower.
- b. Store the vehicle in the shade and protected from rain and cover the vehicle to prevent rodents from entering and damaging the wires.

## 3. After storage

- a. Connect the wires and fuse, if disconnected earlier, with ignition switch in OFF position\*
- b. Start the vehicle by kick starting (if available).

(Above recommendations do not consider storage effects on other systems such as induction and fuel systems and wheels).

### Periodic maintenance of Batteries:

- Keep top of battery clean.
- Check cables, clamps, and case for obvious damage or loose connections.
- Clean terminals and connectors as necessary. Recharge battery if voltage is below 12.4 Volts.

- Valve Regulate Lead Acid (VRLA) / Lead Acid batteries are prone to water damage. Any water entry, through vents or otherwise; will result in irreparable damage to the battery or the vehicle.

### Warning

*Battery develop explosive gases. Keep it away from heat sources. If charging is required the battery must be charged in well ventilated area.*

*Unusable battery must be disposed in environment friendly manner. Do not discard it with household thrash. Handover the battery to the battery dealers or to a recycle center that accept used battery.*

### Caution

*Never operate the vehicle with discharged battery as it may damage electrical components.*

*Do not push start the vehicle, use a good battery to start the vehicle.*

<sup>#</sup> To be done by skilled personnel



## FUSE

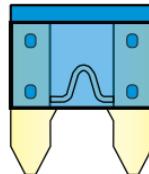
Non-working of electrical systems may be due to safety fuse failure. Short circuit or overload in the electrical system are the main causes for fuse failure. There are two fuse cases containing two blade type fuse (15A) and one blade fuses (10A) and a cartridge fuse (50A) located near the battery. Follow the procedure given below for inspecting and replacing the fuse.

1. Turn 'OFF' the ignition.
2. Remove the front panel as explained earlier.
3. Take out the fuse cases located near from the battery one by one.

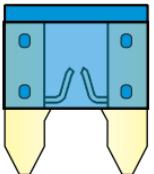


4. Open the fuse cases and take out the fuse.
5. Inspect the fuse for failure. If found blown, replace it with a new (additional fuses are provided in the wiring harness itself in a pouch or provided inside the fuse case itself).
6. Close the fuse case and re-fix it into the battery box.
7. Turn 'ON' the ignition switch and check for proper functioning of electrical systems. Incase the fuse fails again, consult the nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.

Good Fuse



Blown Fuse



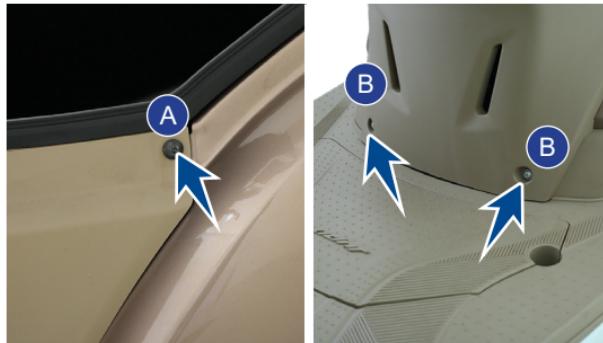
### Caution

*Do not use the 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.*

## SPARK PLUG

To access the spark plug, the cover front has to be removed. Follow the procedure to remove the cover front.

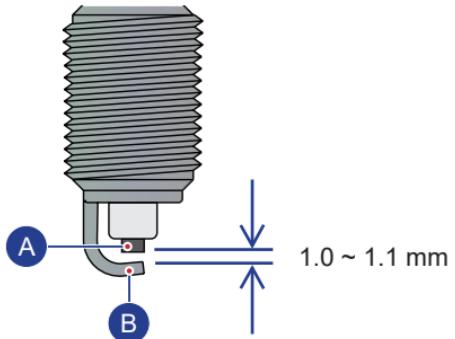
1. Open the seat and remove the top mounting screws (A) from both the sides of cover front.
2. Remove the bottom mounting screws (B) of cover front.
3. Gently pull out the cover front by dislocating its lugs.
4. Clean the dust and mud around the spark plug mounting to avoid falling inside the cylinder.



5. 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.

Inspect the spark plug electrodes (A) and (B) for any corrosion. If found any, replace the spark plug with a new. Inspect the spark plug gap visually (1.0 ~ 1.1 mm). If found more, replace the spark plug with a new one.



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

Do not over tight or cross thread the spark plug. After reassembling the plug fix back the suppressor cap and ensure its proper fitment.



### Caution

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

*Don't remove the spark plug when the engine is hot. Cover the spark plug hole with a clean 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. Again re-tight the spark plug by 1/8 of rotation after sealing by using only the hand tool.*

*Since the hook type spark plug is used, it is not advised to adjust the plug electrodes as it may damage the electrodes.*

### 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 SKUUTA oil (SAE 10W30 API-SL, JASO MB)' 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. To check the transmission oil level follow the procedure given below:

1. Place the vehicle on centre stand on a flat surface.
2. Wipe-off the surroundings of oil level screw.
3. Remove the transmission oil level screw along with a gasket from the rear end of crankcase L.



4. Check for the flow of oil from oil level hole. If the level is less (if there is no oil flow), top-up with 'TVS TRU4 SKUUTA oil (SAE 10W30 API-SL, JASO MB)' 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. Inspect the condition washer while reassembling the oil level screw. Replace if required.



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

*Check the oil level between the services to avoid costly damage. Do not fill excess oil it may cause oil leak. Always use TVS TRU4 SKUUTA oil (SAE 10W30 API-SL, JASO MB) only.*

## BRAKES

### Front brake - Disc brake type

1. You can observe a master cylinder (1) at the right side of the handle bar under the head lamp housing.
2. A caliper assembly (2) fitted to the fork leg L, a disc (3) on the front wheel and a high pressure hose (4) connecting the master cylinder and the caliper assembly.



3. Check the master cylinder brake fluid level through the view piece glass (A).
4. The brake fluid level always should be above the 'MIN' mark (B) provided on the view piece glass of the master cylinder when the cylinder is parallel to ground.



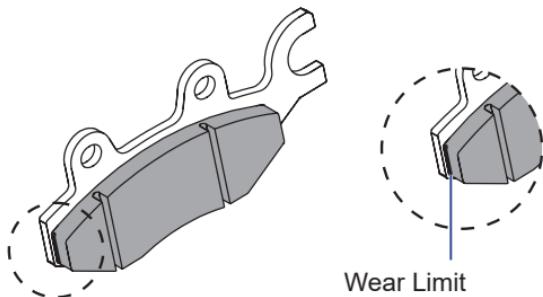
 **Warning**

Since the vehicle is fitted disc brake SBS system, if there is any abnormality in brake performance, contact TVS Motor Company Authorised Main Dealer / Authorised Dealer.

- If the brake fluid level is below the 'MIN' mark or while applying brake if you feel the brake is more spongy or ineffective due to air entry and if any rattling play is observed in both the brake levers, contact TVS Motor Company Authorised Main Dealer / Authorised Dealer for topping-up the brake fluid, air bleeding and other brake related inspections.

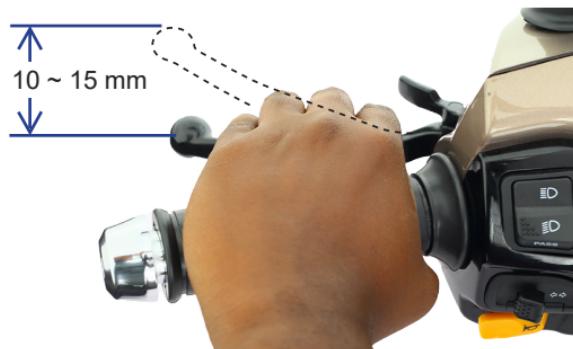
### Brake pad wear indicator

Check for the wear of brake pads visually. If the brake pads wear is found beyond the wear indicator groove as shown in the figure, replace the brake pads as a set with a new one.



### Rear brake

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



#### Note

*Please remember that the rear brake lever free play adjustment to be done only after adjusting the front brake lever play (in drum brake model).*

3. If the measured distance 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 the free play.



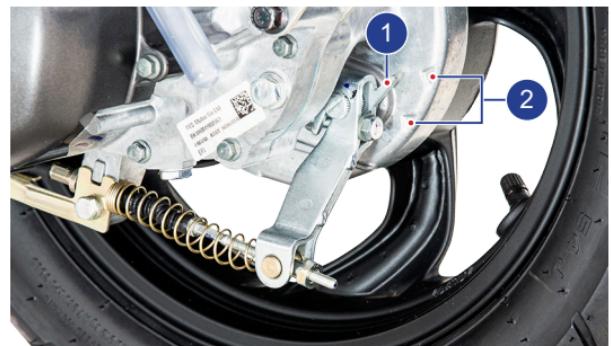
### **Warning**

Check the front brake and the rear brake play periodically and adjust if required. However the brake play needs to be adjusted more frequently depending upon the usage.

### **Brake shoe wear indicator**

When the brake is applied, the wear limit indication pointer (1) on the rear brake cam lever should be within the wear limit indicator (2) on the crankcase LH.

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



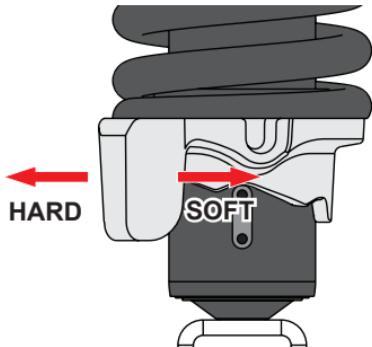
### **Caution**

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

## REAR SHOCK ABSORBERS

TVS Jupiter 125 is provided with 3 step adjustable rear shock absorbers to meet different road and load. There are 3 notches for adjusting spring load.

If the spring is adjusted to the minimum notch, then the shock absorber will be softer which is good for light loads. If the spring is adjusted to maximum notch, then it will be stiffer which is good for heavy loads.



Adjust the spring pre-load by shifting the adjuster to the required notch according to the different load conditions. The more you compress the spring, the suspension becomes more stiff.



## 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 the 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:

	<b>Solo</b>	<b>Dual</b>
Front	1.68 kg/cm <sup>2</sup> (24 PSI)	1.68 kg/cm <sup>2</sup> (24 PSI)
Rear	2.25 kg/cm <sup>2</sup> (32 PSI)	2.53 kg/cm <sup>2</sup> (36 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 is facing the direction of wheel rotation while fixing the tyre on the wheel rim.

### Tyre puncture

Your scooter is fitted with a tubeless tyre on both front and rear wheel. Incase 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.*



## Tyre maintenance tips

### Inflation pressure check - Condition



#### Note

*If vehicle is in hold condition for long time*

- *Need movement of vehicle to avoid particular spot of tyre not to touch the ground for more than week time.*
- *Inflation pressure should check on cold condition maximum travel time should not exceed more than 1 km.*
- *Weekly basis inflation pressure check helps to improve 10% of tread life & fuel efficiency.*

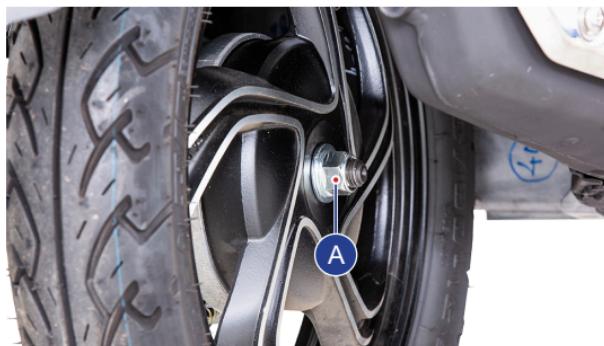
## FRONT WHEEL REMOVAL AND REASSEMBLY

1. Remove the axle nut (1) along with a washer.
2. Pull out the axle (2) and take out the spacers from both sides of the wheel (incase of disc brake) or take out a spacer from the right side of the wheel (incase of drum brake).
3. Place a support below the foot board to prevent the vehicle from falling and lift the vehicle up.
4. Dislocate the wheel disc from caliper assembly and take out the wheel.
5. Reverse the procedure for reassembling. Ensure the proper seating of wheel disc in the caliper assembly during reassembly. Also ensure to fix the right spacer at right location.



## 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.



### **Warning**

*Always make sure, whenever the wheel is removed, the axle nuts are tightened properly 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.
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. 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.
5. Remove the battery, store it away from direct sunlight and freezing temperatures.



### Caution

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

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

6. 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.
7. Cover up the vehicle completely with a clean tarpaulin or any other suitable cover.
8. 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 SKUUTA - SAE 10W30 API-SL, JASO MB oil) and check the oil level using gauge oil level.
4. Fill the transmission oil (TVS TRU4 SKUUTA - SAE 10W30 API-SL, JASO MB oil) and check the oil level at the oil level screw.
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.



### Caution

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

8. Check and correct the points mentioned in page No. 67.
9. Turn the ignition switch to 'ON' position. Retract the side stand and start the engine. Wait for few seconds 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. Turn signal lamp bulb one number.
4. Throttle, front<sup>#</sup> and rear brake cable each one.
5. First aid kit.

B) Precautions to be taken for the journey:

1. Ensure that the 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. MIL & ISG lamps are not glowing.
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 journeys are to be taken only after the running-in period of 1000 km.*

<sup>#</sup> Applicable only for Drum Brake version

**TVS Motor Company Limited ('the Company') give this warranty with respect to the TVS Jupiter 125 manufactured by the Company.**

While the Company has taken every care to maintain quality in the manufacture of the TVS Jupiter 125, the above said warranty is subject to other terms of warranty:

During 5 Years from the date of purchase or during the first 50,000 km of run for the vehicle, whichever is earlier, the parts of the vehicle covered under warranty which prove to the satisfaction of the Company to have a manufacturing defect will be repaired or replaced free of cost. In the event of a change in the vehicle ownership, the remaining warranty period is effective for the new owner.

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:**

This warranty shall not apply to following condition:

1. Any natural wear and tear, including without limitation, aging.
2. Warranty claims on proprietary items such as tyres, tubes and batteries 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.
  - Battery warranty for "MF type (Maintenance Free)" is applicable for a period of 21 months from the date of charging or 18 months from the date of sale or 20,000 kms, whichever is earlier.
  - Battery warranty for "Lead Acid type" is applicable for a period of 15 months from date of charging or 12 months from date of sale or 10000 kms whichever is earlier.



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 Dealers / Authorised Dealers.
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 dispatched for sale.
7. Any claim under this warranty will lie only when the customer:
  - 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.
  - produces to such Authorised Main Dealer / Authorised Dealer the user'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 125. No employee, Dealer or other person is authorised to extend or enlarge this warranty.

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

*In the case of EXIDE battery, call :- 1800 103 5454*

*In the case of TATA GREEN battery, call :- 1800 419 8888*

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

*In the case of TVS Srichakra, call :- 04522443300*

*In the case of Maxxis tyre, call :- 1800 532 2888*

*In the case of AMARON battery, call :- 1800 571 5858*

*In the case of JK tyre, call :- 1800 25 81100*

*In the case of Ceat tyre, call :- 1800 22 1213*

## List of parts not covered under warranty

ITEM	WHAT TO CHECK FOR
Normal Maintenance Operations	Engine tune-up, decarbonizing, fuel system cleaning, oil changes, head light focusing, fastener retightening, ignition timing, clutch and brakes as well as other normal adjustments.
Wear and Tear Items	Chain, sprockets, clutch and brake linings, fasteners, shims, washers, oil seals, gaskets, 'O' rings and spokes etc.
Electrical	Bulbs, fuse, AHO, DRL etc.
Service Maintenance Parts	Oil filters, spark plug, air filter, oil and brake fluid
Rubber, Rexine and Plastic Items	All hoses, pipes and plastic aesthetics
Proprietary Items	<p>Battery, tyres and tubes (the warranty terms are subject to our agreement with proprietary OEM)</p> <p>(Battery warranty for "MF type (Maintenance Free)" is applicable for a period of 21 months from the date of charging or 18 months from the date of sale or 20,000 kms, whichever is earlier).</p> <p>(Battery warranty for "Lead Acid type" is applicable for a period of 15 months from date of charging or 12 months from date of sale or 10000 kms whichever is earlier).</p>
Other Factors	Parts of the vehicle getting affected due to atmospheric effect / environmental factors (rusting, paint peel off etc.). However, depending on the vehicle usage condition, warranty would be accepted up to 2 years from the date of purchase.
	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.



## List of parts not covered under warranty

ITEM	WHAT TO CHECK FOR
Other Factors	<p>Parts which are used in conjunction with parts not made or recommended by the Company.</p> <p>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 User Manual.</p> <p>Vehicles on which engine number or chassis number is deleted, defaced or altered.</p> <p>Vehicles on which any warranty service including scheduled paid service is not availed when it falls due (at TVS Motor Company Authorised Main Dealer / Authorised Dealer).</p> <p>Vehicles used for racing or any competition or used otherwise than for ordinary personal transportation.</p> <p>Vehicles attached with side cars etc.</p> <p>Vehicles which have been taken out of India.</p> <p>Vehicles affected by natural calamities like flood, earthquake, tsunami, storm etc.,</p> <p>If the vehicle has been used for commercial purpose like taxi or used for rental or hiring or any other purpose other than regular personal transportation.</p>

### **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.*

## **SERVICE INFORMATION**

There are nine services for TVS Jupiter 125 during warranty period. Of these, first three services are free services for which labour charges are free. In addition to these three free services, we have a scheme of six pay services. For keeping the maintenance track of your vehicle, free and pay service record sheets are attached in the Service Handbook given to you during the time of your vehicle purchase. Please have the relevant record sheet filled by the Dealer who is carrying out the maintenance service.

For availing any of the nine warranty services, please take your vehicle and your Service Handbook 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 affix their stamp on the last column of free or pay service record sheet of Service Handbook for your record and reference.

Periodic maintenance always helps good performance of an automobile and our services are planned to keep your TVS Jupiter 125 performing good. **Please note that carrying out the service for your vehicle at scheduled intervals at any of the TVS Motor Company Authorised Main Dealer / Authorised Dealer 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:- 1800-258-7111**



### Planned Service Schedule (kms or month whichever of the two occurs early)\*

Sl.No.	Service	Type	Kms	Months
1	1st Service	Free	500 ~ 750	30 ~ 60 days
2	2nd Service		5500 ~ 6000	6
3	3rd Service		11500 ~ 12000	12
4	4th Service		17500 ~ 18000	18
5	5th Service		23500 ~ 24000	24
6	6th Service		29500 ~ 30000	30
7	7th Service		35500 ~ 36000	36
8	8th Service		41500 ~ 42000	42
9	9th Service		47500 ~ 48000	48

#### Note

Free service enables the customer to avail the service at free of labour charges. Charges for the pay service should be borne by the customer. Cost of engine oil, periodic maintenance parts, filter, brake fluids, all types of greases, petroleum jelly, distilled water, chain cleaner, lubricants, coolants, cleaning cloths for both free and paid services are chargeable to the customer.

\* Please remember that, after the above schedule, periodic servicing of your vehicle at appropriate intervals, depending upon its extent of use, will keep your vehicle at its best level of performance.

DESCRIPTION	TVS Jupiter 125 SMARTXONNECT
MANUFACTURER	TVS Motor Company Limited P. B. No. 4, Harita, Hosur - 635 109, India
ENGINE	TVS Motor Company Limited Village Bhatian, Bharatgarh Road, Teh Nalagarh, Dist. Solan. Himachal pradesh - 174 101, India
Type	Single cylinder, 4 stroke, fuel injection, air cooled, spark ignition engine
Cylinder bore	53.5 mm
Stroke	55.5 mm
Piston displacement	124.76 cc
Compression ratio	10.3 ± 0.3 : 1
Air filter	Dry paper filter element
Oil filter	Wire mesh
Lubrication system	Forced wet sump
Maximum power in kW	6.0 kW @ 6500 rpm (without IGO assist) 6.3 kW @ 6500 rpm (with IGO assist)
Maximum torque in Nm	10.5 Nm @ 4500 rpm (without IGO assist) 11.1 Nm @ 4500 rpm (with IGO assist)
Maximum speed	84 km/h
Engine idling rpm	1400 ± 200 rpm (under warm condition)
Starting system	Electric starter / Kick starter
Emission norms	BS VI



DESCRIPTION		TVS Jupiter 125 SMARTXONNECT
<b>TRANSMISSION</b>		
Clutch		Dry - Centrifugal clutch
Primary transmission		CVT (Continuously Variable Transmission)
Primary reduction		2.58 to 0.8
Secondary reduction		9.08
<b>CHASSIS</b>		
Overall length		1852 mm
Overall width		691 mm
Overall height		1168 mm
Seat length		860 mm
Ground clearance (unladen)		160 mm
Wheel base		1275 mm
Kerb weight (with toolkit and 90% of fuel)		109 kg
Pay load		150 kg
Maximum laden weight		259 kg
Steering angle		90°
Caster angle		25°
Frame		High rigidity underbone type
Front suspension		Telescopic hydraulic
Rear suspension		Toggle link, adjustable hydraulic damper
Trail length		93 mm

DESCRIPTION		TVS Jupiter 125 SMARTXONNECT
<b>BRAKES</b>		
Front (Disc)		220 mm dia (hand operated)
Rear (Drum)		130 mm dia (hand operated)
<b>TYRE</b>		
Front tyre		90/90 - 12 54J (tubeless)
Rear tyre		90/90 - 12 54J (tubeless)
Front tyre pressure**		1.68 kg/cm <sup>2</sup> (24 PSI)
Rear tyre pressure - Solo**		2.25 kg/cm <sup>2</sup> (32 PSI)
Rear tyre pressure - Dual**		2.53 kg/cm <sup>2</sup> (36 PSI)
<b>ELECTRICAL</b>		
Ignition system		ECU controlled ignition
Spark plug		BOSCH UR5KCU / CHAMPION RG8MC5
Spark plug gap		1.0 ~ 1.1 mm
Battery type		12V, 5Ah MF battery
Generator (flywheel magneto)		12V, 130W
Head lamp		9V, 9.5W High beam LED / 6V, 5W Low beam LED
Tail / brake lamp		12V, 10/5W

\*\* In cold condition



DESCRIPTION	TVS Jupiter 125 SMARTXONNECT
<b>ELECTRICAL</b>	
Turn signal lamps bulb	12V, 10W x 4
Number plate lamp bulb	12V, 3W x 1
Turn signal indicator lamp bulb	12V, LED
Instrument cluster	Fully digital connected instrument cluster
High beam indicator lamp	12V, LED
Low fuel warning lamp	12V, LED
Economy and power mode indicator lamp	12V, LED
Malfunction indicator lamp	12V, LED
ISG malfunction indicator lamp	12V, LED
Horn	12V, DC
Fuse	Blade type - 12V, 15A x 1 / Mini fuse 12V, 15A x 1, 12V, 10A x 1 & J case type - 32V, 50A x 1


**Caution**

*Using the bulb other than the specified rating can result in overloading of the electrical system or premature failure of the bulb.*

DESCRIPTION		TVS Jupiter 125 SMARTXONNECT
CAPACITIES		
Fuel tank capacity <sup>††</sup>		5.1 l
Fuel		BS VI petrol with minimum RON 91 (containing upto 20% of ethanol by volume)
Engine / transmission oil grade		TVS TRU4 SKUUTA oil (SAE 10W30 API-SL, JASO MB)
Engine oil capacity		700 ml
Transmission oil capacity		120 ml
Front fork oil grade		Gabriel Premium front fork oil
Front fork oil capacity		92 ± 1 ml per leg
Disc brake fluid		TVS Girling DOT 3 / DOT 4

 **Note**

Specifications are subject to change without notice.

<sup>††</sup> The fuel tank is not a measuring instrument and the capacity of the fuel tank may vary from the indicated capacity



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 offense 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:





ALWAYS USE TVS-M GENUINE PARTS



**TVS**  
*Jupiter 125*



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