

**CONTACT(S) FOR SUPPORT**



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

Dealer code , name .....

Address .....

.....

.....

Contact person name and mobile no. (Sales)

.....

Contact person name and mobile no. (Service)

.....

Email id .....

**Or**

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

**Or**

**Toll Free Number : 1800-258-7111**

**Email : [customercare@tvsmotor.com](mailto:customercare@tvsmotor.com)**

**CONTACT(S) FOR SUPPORT****CONTACT AT OUR AREA OFFICES****TAMILNADU-1****1. TVS Motor Company Limited**

V Floor, Gee Gee Universal,  
No. 2, MC Nichols Road,  
Chetpet, Chennai - 600 031.  
Phone : 044-28361651/28361654  
Email : AO.Chennai@tvsomotor.com

**TAMILNADU-2****2. TVS Motor Company Limited**

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

**TAMILNADU-3****3. TVS Motor Company Limited**

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

**TAMILNADU-4 & 5****4. TVS Motor Company Limited**

No. 37, 1st Floor, Mian Road,  
West Brindavan,  
Near Hotel Le Royal Park,  
Puducherry - 605 103.  
Phone : 0413-2247655  
Email : AO.Pondicherry@tvsomotor.com

**KERALA****5. TVS Motor Company Limited**

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

**ANDHRA PRADESH-1 & 3****6. TVS Motor Company Limited**

No. D-19, 302, 3rd floor, Gayathri Arcade,  
Vikrampur, Secunderabad - 500 003.  
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Email : AO.Hyderabad@tvsomotor.com

**ANDHRA PRADESH-2****7. TVS Motor Company Limited**

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Near NTR Circle, Patamata,  
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**KARNATAKA-1****8. TVS Motor Company Limited**

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15th Cross, 6th Phase, JP Nagar,  
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Email : AO.Bangalore@tvsomotor.com

**KARNATAKA-2 & GOA****9. TVS Motor Company Limited**

No. 122/111 B, PDP Plaza, 3rd floor,  
New Cotton Market,  
Karnataka Bank Road, Hubli - 580 029.  
Phone : 0836-4250617/4250618  
Email : AO.Hubli@tvsomotor.com

**CONTACT AT OUR AREA OFFICES****MAHARASHTRA-1, 2 & 4****10. TVS Motor Company Limited**

No. 401, 4th floor,  
The Chambers, Plot No. 4/12/3,  
Near Ganpati Chowk,  
Viman Nagar, Pune - 411 014.  
Phone : 020-26632111/26632110  
Email : Service.pune@tvs motor.com

**MAHARASHTRA-3****11. TVS Motor Company Limited**

Plot No. 206, House No. 241,  
Ward No. 73, 1st floor,  
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Phone : 0712-2569932  
Email : AO.Raipur@tvs motor.com  
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Magneto the Mall, Labhandi,  
GE Road, Raipur - 492 010.  
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Email : AO.Raipur@tvs motor.com

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Chinar Incube Business centre,  
Chinar Fortune City,  
Near Vrindavan Dhaba,  
Hoshangabad Road, Bhopal - 462 026.  
Phone : 0755-2499406/2499306  
Email : AO.Bhopal@tvs motor.com

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301, 3rd floor, Shagun Arcade,  
Vijay Nagar circle, A B Road,  
Indore - 452 010.  
Phone : 9893028266  
Email : AO.Indore@tvs motor.com

**GUJARAT-1 & 2****15. TVS Motor Company Limited**

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Opp. Suvarna Villa Bungalows,  
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Off : S.G. highway, Thaltej,  
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Phone : 079-65443748  
Email : AO.Ahmedabad@tvs motor.com

**UTTAR PRADESH-EAST, CENTRAL & HILLS****16. TVS Motor Company Limited**

1st floor, Cyber Tower, TC-34/V-2,  
Vibhuti Khand, Gomti Nagar,  
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AO.upc@tvs motor.com

**UTTAR PRADESH-WEST****17. TVS Motor Company Limited**

D-3 & D-4, 2nd floor,  
Sector - 10, Noida,  
Uttar Pradesh - 201 301  
Phone : 011-29834640/29834773  
Email : AO.Upw@tvs motor.com

**DELHI & HARYANA****18. TVS Motor Company Limited**

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Sector - 10, Noida,  
Uttar Pradesh - 201 301  
Phone : 011-29834640/29834773  
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AO.Haryana@tvs motor.com

## CONTACT(S) FOR SUPPORT



## CONTACT AT OUR AREA OFFICES

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JAMMU & KASHMIR**

**19. TVS Motor Company Limited**  
SCF- 10-11, Kalghaidhar Enclave,  
Baltana Road, Zirakpur,  
District Mohali - 140 603.  
Phone : 01762-511659/511661  
Email : AO.Chandigarh@tvs motor.com

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**20. TVS Motor Company Limited**  
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2nd floor of National Motors building,  
Jhotwara Industrial Area,  
Jaipur - 302 012.  
Phone : 0141-5150901/5150902  
Email : AO.Jaipur@tvs motor.com

**RAJASTHAN-2**

**21. TVS Motor Company Limited**  
204, 2nd floor,  
Daulet Chambers,  
Near Meera Girls Collage, 4-D,  
Sardarpura, Udaipur - 313 004.  
Phone : 9001897479  
Email : AO.Udaipur@tvs motor.com

**BIHAR**

**22. TVS Motor Company Limited**  
N-Plaza, Jamal Road,  
P.S. Kotwali, Patna - 800 001.  
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**JHARKHAND**

**23. TVS Motor Company Limited**  
2nd floor, Lucas Building,  
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Ranchi - 834 002.  
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Ground floor & First floor,  
133 A.S.P. Mukherjee Road,  
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**NORTH EAST STATES**

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



## UNIQUE FEATURES OF TVS Scooty Pep+



### ECO thrust CVTi' Engine

Your Scooter is powered by Next Gen 90cc Ecothrust CVTi engine with ignition map, higher spark energy, all Aluminum, higher efficiency charging system & improved fuel economy. It uses digital IDI ignition with inbuilt variable timing modes to ensure that you get the best from your engine.



Your scooter so has best in class Power to Weight ratio with best in class pickup. It makes your scooter smooth and zip through traffic with ease.

### ECONOMETER®

Your speedometer has an ECONOMETER® which indicates whether you are riding in Economy Mode or Power mode. This unique feature of your scooter enables to manage your scooter fuel efficiency.



### LONG-IDLING INDICATOR

The long-idling indicator (Power mode blinking) reminds you to switch off the ignition while waiting at signals or when your scooter is idle, thus helping you to save fuel



### EaZy® CENTERSTAND

Your TVS Scooty Pep+ is fitted with a "Effortless Centre Stand" a unique feature to reduce the effort to place the vehicle on stand.



### LIGHT WEIGHT

Optimum weight 95kgs



### COMFORTABLE HEIGHT

Best in class ground reachability – 768mm



## UNIQUE FEATURES OF TVS Scooty Pep+



### TELESCOPIC SUSPENSION

Makes bumpy rides more comfortable



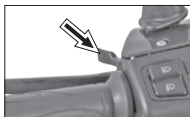
### SYNCHRONISED BRAKING TECHNOLOGY (SBT)\*

Synchronised Braking Technology reduces the stopping distance, While keeping the stability intact.



### PARKING BRAKE (REAR BRAKE LOCK)\*

The parking brake is another unique safety feature which protects your scooter from falling when it is parked on a slope.



### GLOVE BOX

Your TVS Scooty Pep+ is fitted with unique feature of "Glove Box" to carry the small things weighing upto 3 kg.



### BRIEFCASE HOOK

Your TVS Scooty Pep+ is fitted with yet another unique feature of "Briefcase hook" to carry the small things weighing upto 3 kg.



### BAG HANGER

For more convenience, another luggage hook is located just under the seat of your scooter



### UTILITY BOX

Your TVS Scooty Pep+ is fitted with a "Utility box" has a large 10 litre under-seat storage space to carry your bags, books and belongings.



### HELMET HOOK

Your TVS Scooty Pep+ is fitted with a "Helmet hook" under the seat assembly to conveniently place the helmet



### MFR HEADLAMP

Your TVS Scooty Pep+ is provided with a "Multi focal reflector" - the bright headlamp with a 'Halogen bulb' for a better visibility in the dark.



\* Applicable for SBT version only

## UNIQUE FEATURES OF TVS Scooty Pep+



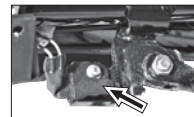
### INDICATOR BUZZER

Your TVS Scooty Pep+ is provided with an electronic buzzer which alerts you that the turn signal indicators are 'ON'.



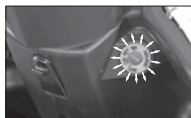
### SIDE STAND ALARM

Your TVS Scooty Pep+ is provided with a side stand switch. It provides a reminder that alerts you to remove the side stand once ignition starts.



### GLOW RING

Your TVS Scooty Pep+ is fitted with a unique feature of "Glow Ring" around the ignition lock for better visibility of lock location even in dark.



### SMART PHONE CHARGER\* (optional)

Your TVS Scooty Pep+ has a Smart phone charger enable to charge your mobile phone when you are traveling. Refer page no. 19 for operating procedure.



### INTELLIGENT AUTO CHOKE

The auto-choke helps your scooter start effortlessly even in cold weather.



### LED DAY TIME RUNNING LAMP (DRL)

DRL increases the conspicuity of the vehicle during daylight conditions "Drive with safety and style". Refer page no. 12 for details.



### AUTO FUEL COCK

Your TVS Scooty Pep+ is provided with an auto fuel cock which supplies fuel based on the engine suction. It is not necessary to switch the fuel cock 'ON' and 'OFF' manually.



\* Optional accessory will be charged extra

## FOREWORD



Dear Scooty Pep+ Owner,

Congratulations and welcome to the iconic world of Scooty Pep+. You are a proud owner of a scooter which has over 42 lakh happy customers all across the country.

You have made a perfect and smart choice by choosing the stylish Scooty Pep+. So go ahead and enjoy the comfortable and happy ride on India's No.1 Mileage Scooter.

Its new ECOTHRUST CVTi engine makes it more durable and ensures you have a long-lasting loving association with your Scooty. Also, telescopic suspension, EaZy\* Centre stand and Auto choke will make all your rides wonderfully smooth.

This manual explains in detail, the many features, benefits and operations of your Scooty Pep+. Do read through your manual carefully, it will help you get the best out of your vehicle, and keep it going strong for years to come. To ensure reliable performance, we urge you to get your Scooty Pep+ serviced only at TVS Motor Company Authorized Main Dealers / Authorized Dealers at regular intervals as specified by your service provider.

We wish you peppy, comfortable, safe and awesome trips for many years to come!

Happy riding!

**TVS MOTOR COMPANY LIMITED**

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

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

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



### Note

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

***Your scooter is provided with a day time running lamp (DRL). The DRL glows automatically once the ignition is turned ON and continues to glow till the head lamp is switched 'ON'.***

## SAFETY INFORMATION



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

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



### Warning

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



### Caution

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



### Note

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

Running-in information	01
Safe riding tips	02
Know your TVS Scooty Pep+	06
Riding your TVS Scooty Pep+	21
Maintenance	25
Warranty and services	44
Technical specifications	66
General information	69

## RUNNING-IN INFORMATION



The first 500 ~ 750 km is a crucial part for the life of TVS Scooty Pep+. Proper running-in operation during this period helps in ensuring a **maximum life** and **smooth performance** of your TVS Scooty Pep+.

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

**Maximum 40 kmph speed upto 750 km** (vary the engine speed for better mating of parts).

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



### Caution

*Replacing the engine and transmission oil during first free service is most important for better life of engine. Always use TVS TRU4 PREMIUM, 4T oil (SAE 10W30 SL-JASO MA2) for better performance and life.*



### SAFE RIDING RECOMMENDATIONS

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

#### Familiarise yourself with new TVS Scooty Pep+

Riding skill and your mechanical knowledge form the foundation of safe riding practices. We suggest you to practice riding TVS Scooty Pep+ 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 limits will help you to avoid accidents.



#### Warning

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

## SAFE RIDING TIPS



### 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 brakes 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 brakes is safer.
4. **Apply both the brakes.**
5. Riding down hills, while cornering and wet roads close throttle and come to a slower speed to avoid the loss of control over the vehicle due to skidding.

### Causes for poor braking

1. If the brake shoes or drum are worn out or if there is water or oil on them, sufficient friction does not develop and brakes do not work well.
2. Even when the brake works normally, if the road surface is wet or the tyre surface is worn-out, tyres do not take a firm hold on the surface, increasing the stopping distance.
3. Approximately 60% braking effect is from front brake. **Non-usage of front brake causes poor braking.**

### Warning

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

*Avoid directing the water jet directly towards brake drums during water wash.*

### Warning

*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 & SAFETY TIPS

Use extreme caution while selecting and installing the accessories for your TVS Scooty Pep+.

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

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

## SAFE RIDING TIPS



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

### EMISSION CONTROL

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

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

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



### Note

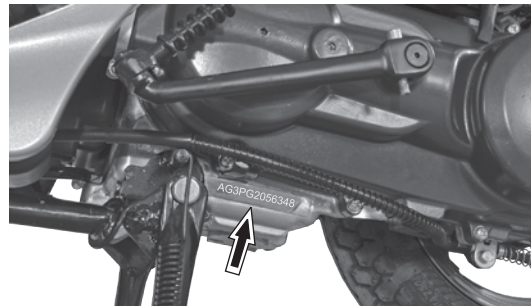
*Your vehicle is tested and certified for emission which meets BS IV emission norms and is valid for initial 12 months from the date of purchase. Get your vehicle certified by the Government authorised emission testing station every year (after initial 12 months of usage).*

## VEHICLE IDENTIFICATION NUMBER

Serial numbers of both frame and engine are required for vehicle identification. They are also required to assist your Dealer for operating parts or referring to special information.



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

## Frame number

[illegible]

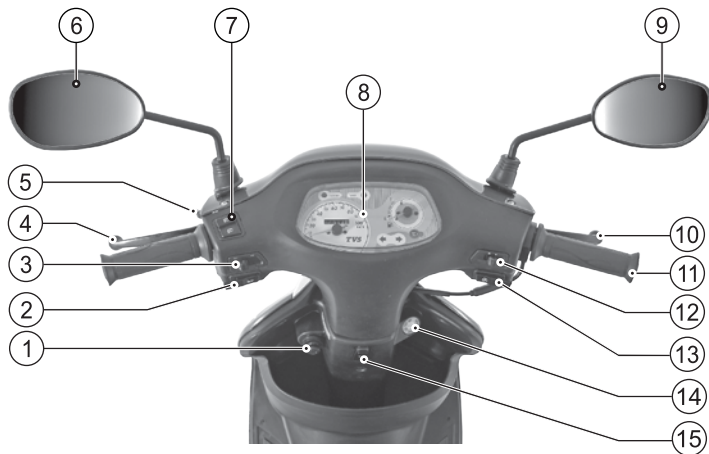
### Engine number

[illegible]

Control key number

\_\_\_\_\_

Please fill the above boxes now for future reference



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

\* Optional accessory will be charged extra

### CONTROL KEY

TVS Scooty Pep+ comes with a pair of identical control keys. These keys are to operate ignition cum steering lock and seat lock.

### IGNITION CUM STEERING LOCK

TVS Scooty Pep+ is provided with a self illuminating ring (glow ring) around the ignition cum steering lock for better visibility of lock location in darkness.

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

#### 1. 'OFF' position

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

#### 2. 'ON' position

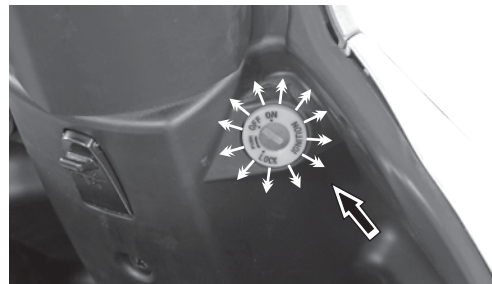
In this position, all the electrical circuits are turned 'ON' and the engine can be started now. Key cannot be removed in this position.

#### 3. 'LOCK' position

TVS Scooty Pep+ steering can be locked in both 'left' and 'right' directions.

To lock the steering, turn the handle bar all the way to the 'left' or 'right'. Push the key in and turn it to the 'LOCK' position and take out. All the electrical circuits are turned 'OFF' in this position.

Insert the key into the lock and turn it to 'OFF' or 'ON' position to unlock the steering.



### Note

*Day time running lamp (DRL) and tail lamp will glow automatically once the ignition switch is turned 'ON' without activating other switches.*

## KNOW YOUR TVS Scooty Pep+



## Warning

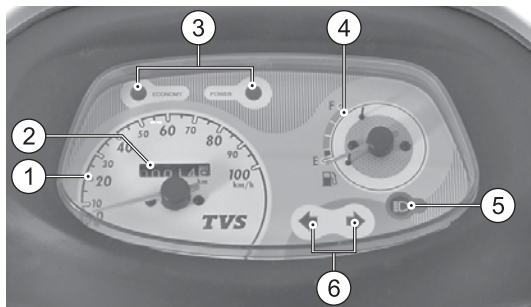
*Never attempt to move the vehicle when the steering is locked, you may lose balance.*



## Caution

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

## SPEEDOMETER ASSEMBLY



## 1. Speedometer

Indicates vehicle speed in kilometers per hour.

## 2. Odometer

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

## 3. Economy and power mode indicators

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

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

## 4. Fuel gauge

Fuel gauge indicates the approximate quantity of fuel available in the fuel tank. Fill the fuel as soon as possible if the fuel gauge needle enters the 'red band' of fuel gauge.

## 5. High beam indicator lamp

Glowes when the head lamp high beam is activated.

## 6. Turn signal indicator lamps

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





### Note

*Always ride the vehicle in economy mode for better fuel economy.*

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

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



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

## HANDLE BAR LEFT SIDE

### 1. Horn switch

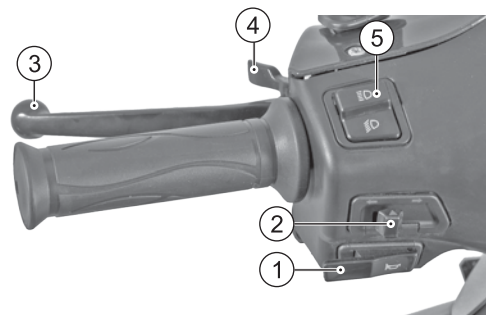
Press the switch '  ' to operate the horn.

### 2. Turn signal lamp switch

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

### 3. Rear brake lever

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



In case of TVS Scooty Pep + SBT version<sup>#</sup> - 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.

### **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.*

#### 4. Rear brake lock lever<sup>#</sup>

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

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

#### 5. Head lamp high/low beam switch

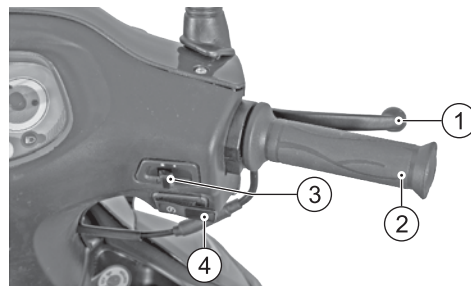
With the head lamp 'ON', press the switch towards 'H' to operate head lamp high beam or press it towards 'L' to operate head lamp low beam.



### **Warning**

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

#### HANDLE BAR RIGHT SIDE



<sup>#</sup> Applicable for SBT version only

### 1. Front brake lever

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

### 2. Throttle grip

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

### 3. Light switch

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

**OFF:** All the lamps are turned 'OFF' except DRL lamp and tail lamp when the switch is positioned at '●' even though the engine is running.

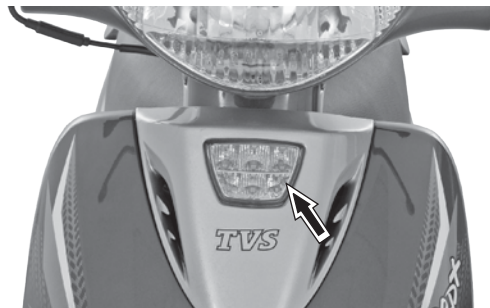
**ON:** The head lamp, speedo lamp, tail lamp and license plate lamp glows when the switch is positioned at '☀' and engine is running.

### 4. Electric starter switch

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

## LED DAY TIME RUNNING LAMP (DRL)

TVS Scooty Pep+ comes with a day time running LED lamp which glows automatically once the ignition is turned ON and continue to glow till the head lamp is switched 'ON'.



### Note

*DRL lamp goes 'OFF' automatically once the head lamp is turned 'ON'.*

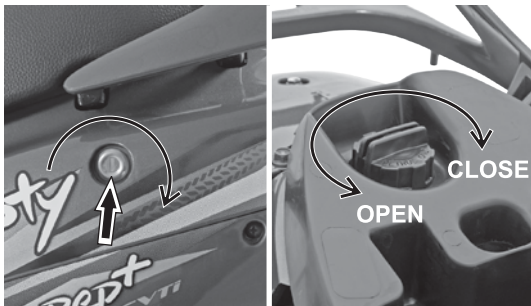
## KNOW YOUR TVS Scooty Pep+



### FUEL TANK\* CAP

Fuel tank is located at the rear end of the vehicle under the seat. To open the seat, insert the control key into the seat lock and rotate it in clockwise direction and lift the seat.

Remove the fuel tank cap by rotating it in anti-clockwise direction and fill the fuel as recommended. Refit the cap and lock the seat by gently pressing the rear end of the seat until you hear a '**click**' sound and take out the key.



### Warning

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



### Caution

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

*Whenever refueling, fill upto the bottom of neck portion of the fuel tank. Filling above the neck may result in improper breathing of fuel tank and seepage of fuel.*

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

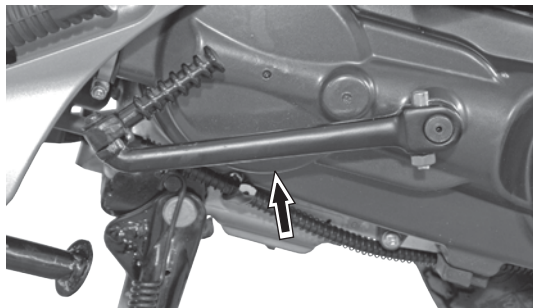
\* The fuel tank is not a measuring instrument and the capacity of the fuel tank may slightly vary from the indicated capacity.

### KICK STARTER LEVER

The kick starter lever is located on the left side of the vehicle.

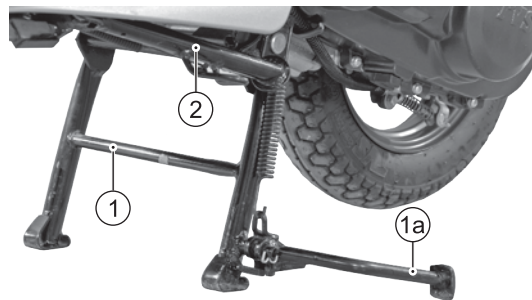
To start the vehicle, keep the ignition in 'ON' condition and apply the rear brake as a safety precaution to prevent the rear wheel rotation.

Keep your foot on the lever extension and kick the lever from top and stroke to bottom with rapid motion.



### CENTRE STAND AND SIDE STAND

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



#### Caution

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

## KNOW YOUR TVS Scooty Pep+



To place the vehicle on the centre stand, hold the handle bar left grip with left hand. Place your foot firmly on the stand extension (1a) and press.

Side stand (2) can be operated by sitting on vehicle with your left foot by pushing it away from the vehicle till it stops.



### Warning

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

## 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. A first aid kit is available in the utility box.

To access the tool kit / first aid kit, open the seat assembly using control key as explained earlier (page no. 13). The tool kit consists of the following one number each. Ensure the contents of the tool kit.

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



### Caution

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

### FEATURES OF TVS Scooty Pep+

#### Auto choke

Now you need not worry about when and whether to use choke. Your TVS Scooty Pep+ is provided with 'Auto choke' a special feature. The auto choke operates automatically during cold starting conditions based on the engine oil temperature with the help of a microchip fitted electronic timer and thermal sensor.

#### Auto fuel cock

Auto fuel cock is another special feature of TVS Scooty Pep+. It is not necessary to switch the fuel cock 'ON' and 'OFF' manually.

The auto fuel cock automatically supplies the fuel based on the engine suction.

#### Side stand switch

TVS Scooty Pep+ is provided with a side stand switch, which gives a continuous beep sound, if the side stand is not returned to the fully up position when the ignition switch is in 'ON' condition.

#### Bag hanger

Bag hanger is provided below the front end of the seat assembly near seat hinge. Luggage can be hung on both sides of the bag hanger.

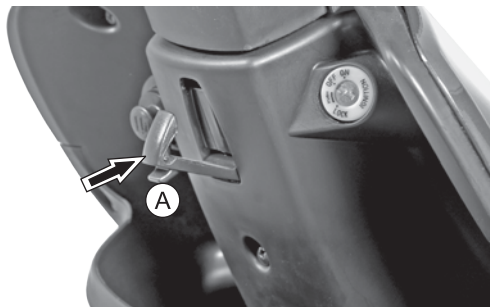


#### Warning

*Bag hanger can be loaded upto a maximum of 1.5 kg. Load the cargo evenly both the sides and center oriented. Otherwise it may lead to loss of control.*

### Briefcase hook

Briefcase hook is located below handle bar on the rear panel. Just pull out the hook from the top (A) to hang your luggage. A briefcase / leather bag weighing upto 3 kg can be hung on this hook. Be sure to push back the hook the after use.



### Warning

*Operating the TVS Scooty Pep+ overloaded will hamper riding stability and may lead to loss of control. Hence, it is advised to carry recommended amount of load only.*

### Glove box

Glove box is provided to store easy and quick access things like notebooks, file etc.



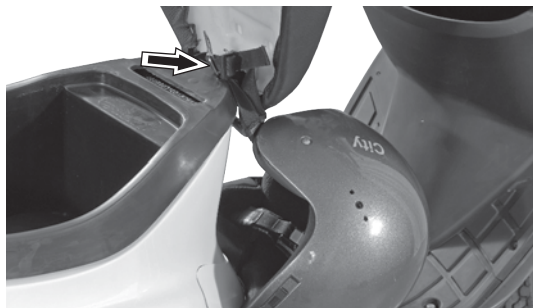
### Caution

*Do not keep valuable items inside the glove box when leaving the vehicle unattended. Do not carry perishable items inside the glove box. It is not fully sealed.*



### Helmet hook

Two helmet hooks are provided under the seat assembly at front end near the seat hinge to secure your helmet. Open the seat assembly (refer page no. 13) to access the helmet hooks. Hook the helmet strap in the helmet hook properly and close the seat assembly.



### Utility box

Utility box located below the seat assembly. Open the seat assembly (refer page no. 13) to access the utility box.



### Caution

*Utility box can be used to carry a load of 10 kg maximum. Do not carry perishable items inside the utility box. It is not fully sealed. Do not allow / spray water to get inside the utility box. Take care not to spill petrol or oil into the utility box.*



### Caution

*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.***



### Warning

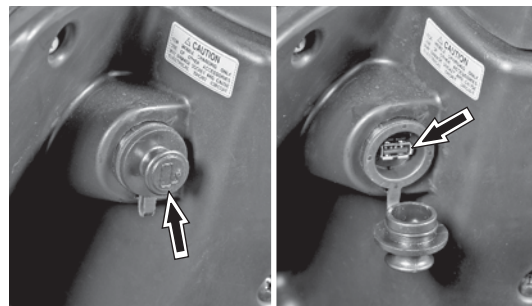
*Operating the TVS Scooty pep + overloaded will hamper riding stability and may lead to loss of control. Hence, it is advisable to carry the recommended amount of load only.*

## SMART PHONE CHARGER\*

All new smart phone charging port is located above the glove box at the left side. Please follow the guidelines mentioned below for using it properly:-

### DO's

1. Ensure that no water enters into the unit, 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.



\* 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 engine is off.
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, USB cable etc.*

*Take the mobile phone and the adapter along with you while the vehicle is parked or unattended.*



### Note

*The charging time of the mobile may vary, depending on the mobile's battery state of charge. The rubber flap in the unit has been designed to prevent water entry and is not replaceable. **No warranty for charger in case of rubber flap cut.***

## PRE RIDE INSPECTION

Check the following items before riding.

ITEM	WHAT TO CHECK FOR
Engine oil	Availability of the oil upto the level (page no. 32)
Transmission oil	Availability of the oil upto the level (page no. 32)
Fuel	Enough fuel for the planned distance of running
Tyres	Correct pressure (page no. 38) Adequate tread depth No cracks or cuts
Battery	Proper working of electric starter, horn, fuel gauge, brake lamp and turn signal lamps. Electrolyte level (page no. 29)
Lighting	Proper working of headlamp high/low beam, high beam indicator, instrument panel lamps, tail lamp, LED day time running lamp and number plate lamp.
Steering	Smooth movement No play or looseness
Throttle	Correct free play of cable Smooth operation
Brakes	Correct front and rear brake lever play (page no. 33)
Wheels	Free rotation

### STARTING THE ENGINE

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

#### When the engine is cold

It is recommended to use kick starter to start the engine when it is cold to reduce load on battery and prevent quick drain of the battery.



#### Caution

*Your vehicle is equipped with quick engine warm up technology that helps you for better start and save fuel. The engine would operate at higher rpm for quick warm-up of the engine*

### 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 'OFF' the ignition.
3. Park the vehicle on a firm, flat surface.
4. Lock the steering and take out the control key.



#### Warning

*Do not run the engine indoors where little or no ventilation available. Exhaust gas is extremely poisonous. Do not raise the throttle rapidly so the vehicle will move forward suddenly and lead to loss of control.*



#### Caution

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

## FUEL RECOMMENDATION

Use BS IV/ unleaded petrol only.

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



### Caution

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



### Note

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

## CHECKS AND TIPS FOR IMPROVING FUEL ECONOMY

### Regular checks

Carry out the periodic maintenance checks as specified in this manual (page no. 26 and 27).

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

### Spark plug

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

### Air cleaner element

A dirty air cleaner restricts airflow and increases fuel consumption. Inspect and clean the air cleaner element periodically. **Replace every 12000 km.**

Since viscous filter is used in your scooter it is not recommended to clean the filter. Replace the filter in case 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 fuel consumption.

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

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

### Fuel leak

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

### Evaporation

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

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

### Tyres

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

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

### Wheel freeness

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

### Avoid unnecessary idling

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

### Avoid frequent braking

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



### Note

*The on-road mileage of TVS Scooty Pep+ is dependent on several factors like Road condition, Quality of fuel, Riding speed, operation of Clutch and 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 institute like ARAI.*

## 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 Scooty Pep+, it is recommended to use only the **TVS Motor Company Genuine** parts.



### Caution

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

*In more dusty areas, the air cleaner may require early inspection, cleaning and replacement than the mentioned kilometers to avoid costly damage to the engine.*



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

Item	Service km	In free service				After free service		Remarks
		1st 500 - 750 2 months	2nd 2500 - 3000 4 months	3rd 5000 - 6000 8 months	4th 8500-9000 12 months	Every 3000 km	Every 6000 km	
Engine oil	Period from the date of sale	R	I & T	R	I & T	I & T	R	
Oil filter (strainer)		C	–	C	–	–	C	
Transmission oil		R	I & T	R	I & T	I & T	R	
Spark plug		C & A	–	–	–	–	–	Replace every 12000 km
Air cleaner element <sup>1</sup>		I & C	I & C	I & C	I & C	I & C	–	Replace every 12000 km
SAI filter element		I	–	–	–	–	–	Replace every 12000 km
CVT filter element <sup>1</sup>		–	–	I & C	–	–	I & C	Replace every 12000 km
Tappet clearance		I & A	–	I & A	–	–	I & A	
Carburettor assembly		C & A	–	–	–	–	–	C & A every 12000 km after first service
Carburettor overflow hose		I	I	I	I	I	–	Inspect for routing and blockage
Drive belt		–	I	I	I	I	–	Replace every 15000 km
Cover variator <sup>2</sup>		–	–	I, C & L	–	–	I, C & L	
Clutch shoe and housing clutch		–	–	I & C	–	–	I & C	Replace shoe every 15000 km
Face complete movable / fixed driven		–	–	L	–	–	L	Lubricate using grease
Hose fuel		I	I	I	I	I	–	Replace every 3 years
Front and rear suspension		I	I	I	I	I	–	Inspect for proper functioning
All control cables <sup>3</sup>		I, A & L	I, A & L	I, A & L	I, A & L	I, A & L	–	
Throttle grip		–	–	L	–	–	L	Lubricate using grease

## MAINTENANCE



Item	Service km Period from the date of sale	In free service				After free service		Remarks
		1st 500 - 750 2 months	2nd 2500 - 3000 4 months	3rd 5000 - 6000 8 months	4th 8500 - 9000 12 months	Every 3000 km	Every 6000 km	
Steering smooth operation / play <sup>4</sup>		I & A	I & A	I & A	I & A	I & A	—	C & L with fresh grease every 12000 km
Speedometer cable and hub drive		—	—	L	—	—	L	Lubricate using grease
Front fork oil		—	—	—	—	—	—	Replace every 24000 km
All fasteners		I & TI	I & TI	I & TI	I & TI	I & TI	—	
All bulbs, horn & switches		I	I	I	I	I	—	Inspect for proper functioning
Head lamp beam		I & A	I & A	I & A	I & A	I & A	—	
Battery electrolyte level		I & T	I & T	I & T	I & A	I & T	—	
Specific gravity & voltage <sup>5</sup>		I	I	I	I	I	—	
Brakes effectiveness / play		I & A	I & A	I & A	I & A	I & A	—	
Brake cam		—	—	C & L	—	—	C & L	Lubricate using grease
Wheel freeness		I	I	I	I	I	—	
Tyre pressure at cold condition		I & S	I & S	I & S	I & S	I & S	—	
Tyre rotation		—	RO	RO	RO	RO	—	
Engine idling RPM		I & S	I & S	I & S	I & S	I & S	—	
Idling CO% <sup>6</sup>		I & S	—	—	—	—	—	
Center / side stand pivot		L	L	L	L	L	—	Lubricate using TRU4 oil
Kick starter pedal pivot		L	L	L	L	L	—	Lubricate using TRU4 oil

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

<sup>1</sup> Inspect for any damage    <sup>2</sup> Clean with air. Lubricate kick starter using grease

<sup>3</sup> Inspect for proper operation and adjust play. Lubricate ends using grease    <sup>4</sup> Adjust play if required    <sup>5</sup> Recharge if necessary

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

## RECOMMENDED LUBRICANTS

Application	Qty	Manufacturer	Brand
Engine oil	750 ml (during regular service) 800 ml (incase of disassembly)	TVS Motor Company	TVS TRU4 PREMIUM, 4T oil
Transmission oil	100 ml (during regular service) 120 ml (incase of disassembly)		
Front fork oil	53 ± 1 ml / leg	IOC / Castrol	Teleshockab oil
Grease	–	Bharat petroleum IOC Bechem Kluber Lubrication	MP Grease no. 3 Servo Gem no. 3 Bechem premium Kluber Centoplex 2
Fuel additives	As recommended	IFTEX	

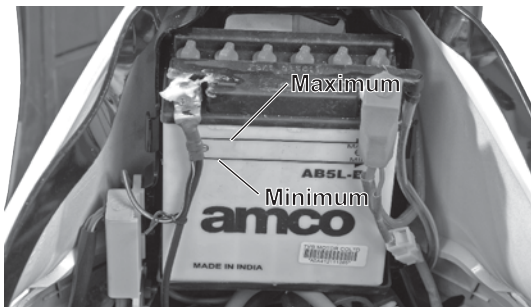
## MAINTENANCE



### SELF-MAINTENANCE PROCEDURES BATTERY

Battery is located at the front end near seat hinge below the seat assembly. The electrolyte level of the battery must be maintained to avoid damages to the battery. Follow the procedure to check the electrolyte level:

1. Open the seat assembly as explained in page no. 13 and take out the utility box.
2. Inspect battery electrolyte level. It should be between minimum and maximum level.



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

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



### Caution

*Once the battery is charged initially, never add diluted sulphuric acid. Use only distilled water for topping up. Never add tap water.*

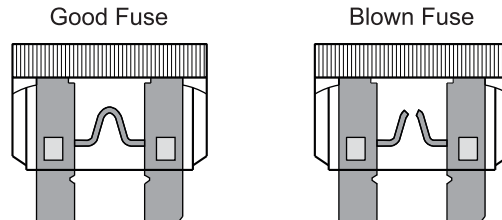
*Never check the battery charge by shorting the terminals. Always connect the positive terminal first and then negative to avoid sparking.*

*Do not obstruct, bend or change the routing of battery air vent tube. Make sure that the vent tube is firmly attached to the battery and the other end is open and clear.*

### FUSE REPLACEMENT

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

1. Open the seat assembly as explained in page no. 13 and take out the utility box.
2. Fuse case fitted on the battery band contains a 10A fuse. Pull out the fuse case from battery band. Open the fuse case and take out the fuse.

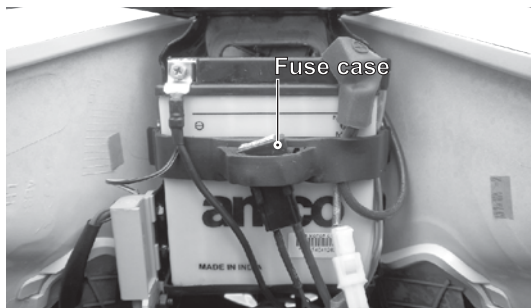


3. Inspect the fuse for failure. If found defective, replace the fuse with the extra fuse provided in the wiring harness itself.
4. Close the fuse case and re-fix into the battery band.



### Caution

Do not use vehicle by **shorting the wires without fuse**. This may result in overheating of electrical items / wiring and may result in fire. Do not use fuse of higher amperage than specified for the safety of electrical system.



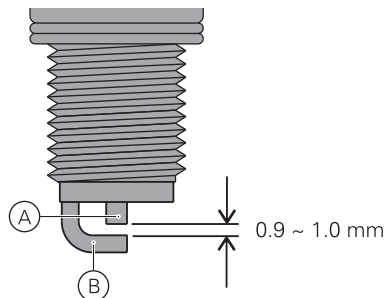
## MAINTENANCE



- Turn 'ON' the ignition lock and check for proper functioning of electrical systems. In case the fuse fails again, consult the nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.

## SPARK PLUG

- Open the cover front by removing screw.
- Clean the dust and mud around the spark plug mounting to avoid falling inside the cylinder.
- Pull out the suppressor cap from spark plug. Using spark plug spanner, remove the 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 sparkplug with a new. Inspect the spark plug gap with a wire gauge / feeler gauge. Readjust the sparkplug gap to **0.9 ~ 1.0 mm** if required.

After cleaning and adjusting the gap, reinstall the spark plug and tighten by hand to avoid cross threading. Finally tighten using spark plug spanner. Do not over tight.



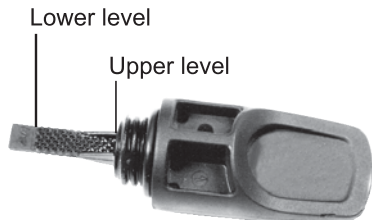
## Caution

Always use only recommended make and type of spark plug. **Replace the spark plug every 12000 km.** Cover the spark plug hole with cloth when the plug is removed to prevent dust / water entry. It is advisable to tighten the new spark plug by hand till the end and then loose and again re-tight the plug by 1/8 of rotation after sealing by using only the hand tool.

### ENGINE OIL - LEVEL

Check the engine oil level periodically.

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

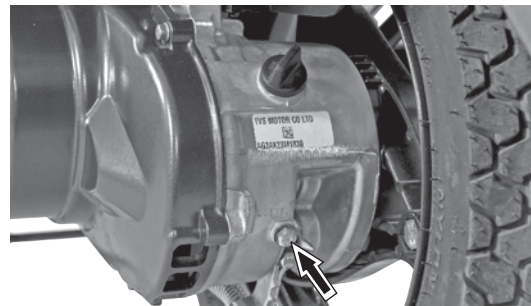


5. If the oil is less than the minimum level, add 'TVS TRU4 PREMIUM oil' (SAE 10W30 SL-JASO MA2) oil upto the maximum level mark.
6. Wipe out the oil traces with a clean cloth to prevent dust accumulations.
7. Assemble back the gauge oil level.

### TRANSMISSION OIL - LEVEL

Check the transmission oil level periodically.

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



## MAINTENANCE



2. Remove the transmission oil level bolt along with a gasket from the rear end of crankcase L.
3. Check for the flow of oil from oil level hole.
4. If the level is less (if there is no oil flow), top-up with 'TVS TRU4 PREMIUM oil' (SAE 10W30 SL-JASO MA2) till the oil just starts to flow out from the level hole.
5. Wipe out the oil traces with a clean cloth to prevent dust accumulation.
6. Replace the fibre washer while reassembling the oil level bolt.



### Caution

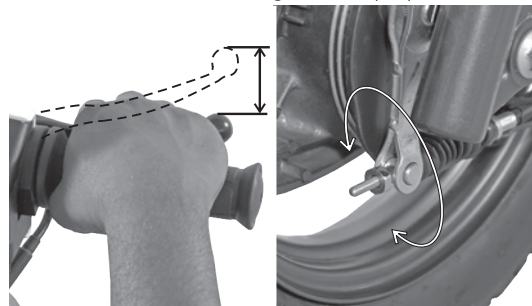
*If the vehicle is driven with less engine oil and transmission oil, the engine components will be severely damaged.*

*Check the oil level as per the schedule to avoid costly damage. Do not fill excess oil may cause oil leak. Always use 'TVS TRU4 PREMIUM oil' (SAE 10W30 SL-JASO MA2) only.*

## BRAKES

### Front brake (Drum brake)

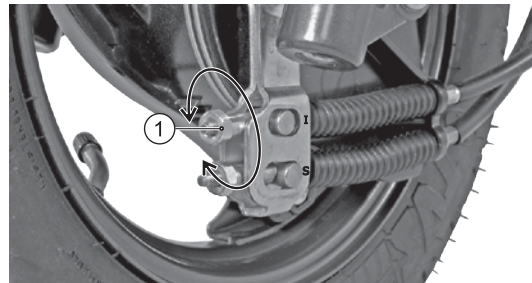
1. Measure the free play of front brake at lever end as shown in the figure.
2. The free play of the brake lever before the engagement of brake should be between 15 ~ 20 mm.
3. If the measured free play is more than the limit, adjust the nut provided at the front wheel end to obtain the correct play.
4. Turn the adjuster nut in clockwise direction for reducing the free play or in anti-clockwise direction for increasing the free play.



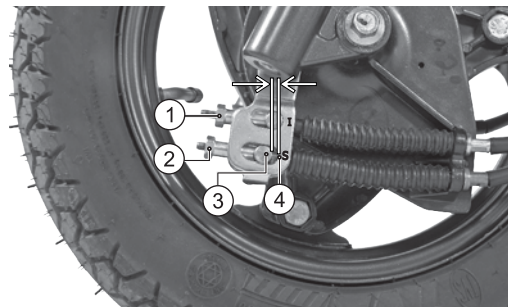


## Front brake ( SBT type\*)

1. Measure the free play of the front brake lever at lever end as shown in the figure.
2. The free play of the brake lever before the engagement of brake should be between 15 ~ 20 mm.
3. Turn the adjuster nut at the top (1) in the slot marked as "I" in clockwise direction for reducing the free play or in anti-clockwise direction for increasing the free play.



4. After obtaining the necessary free play, inspect for the clearance between the bullet (3) and slot end (4) marked as "S" as shown in the figure.

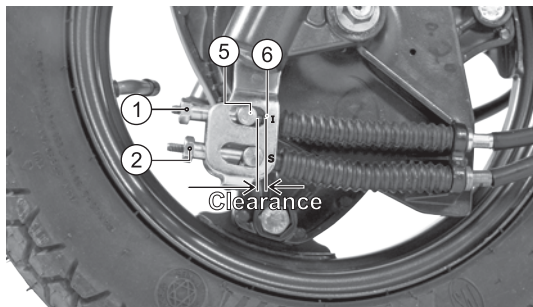


\* Applicable for SBT version only

## MAINTENANCE



5. If any clearance is found, turn the adjuster nut (2) at the bottom side in the slot marked as "S" in clockwise direction until there is no clearance between the bullet bottom (3) and the slot bottom (4).



6. After adjusting the adjuster nut bottom, If any clearance is observed in between the bullet top (5) and the slot top (6) marked as "I" as shown, then turn the adjuster nut (2) in anti-clockwise until there is no clearance.
7. Once again check and confirm the brake play at the lever end.



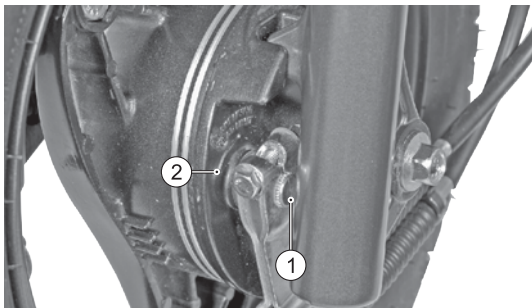
## Warning

***Since the vehicle is fitted with Synchronised Braking Technology (SBT) adjust the brakes with additional care. If not it may result in brakes not working properly. Please contact TVS Motor Company Authorised Main Dealer or Authorised Dealer for any further assistance.***

### Brake shoe wear indicator front

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

Incase the wear limit index mark (1) is going beyond wear limit indicator (2), index the lever to next slot with the help of the Dealer to extend the 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 brake

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



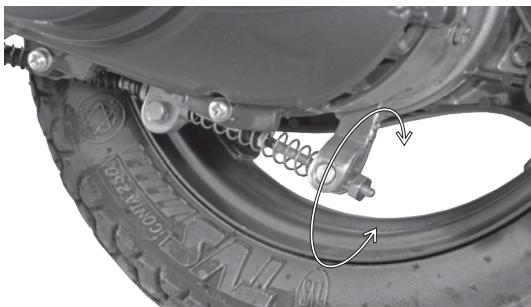
### Warning

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

## MAINTENANCE



3. If the measured distance is more than the limit, adjust the nut provided at 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.



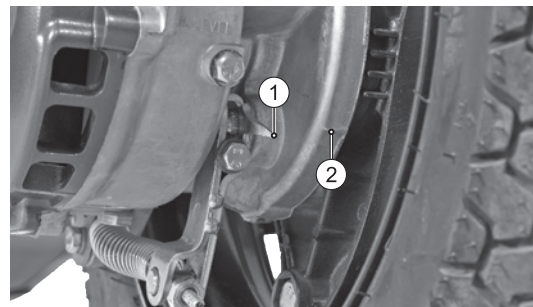
### **i** Note

***Please remember that the rear brake lever free play adjustment to be done only after adjusting the front brake lever play incase of SBT type brake.***

### Brake shoe wear indicator (Rear brake)

When 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.*

## TYRES

TVS Scooty Pep+ is fitted with puncture resistant tyres which gives you a hassle free experience of riding. These tyres will contain a puncture sealant inside the tubes. When tyre gets punctured, the puncture sealant fluid coats the surface of the penetrating object thus preventing the air loss.



### Note

*Puncture resistant sealant in the tyre prevents only a small punctures. It will not seal any damage or L shape cut in the tread surface or burst of the tyre. It is advised to frequently check and remove any embedded objects from the tyre surface. If the tyre / tube is punctured or damaged it is advised to repair or replace the tyre / tube.*

## Tyre pressure

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

Under inflated tyres make smooth cornering difficult and over inflated tyres decreases the tyre contact with the ground which can lead to skidding and loss of control. Be sure that the tyre pressure is within the specified limits at all times.

Tyre pressure in cold condition:

	Solo	Pillion
Front	1.69 kg/cm <sup>2</sup> (24 PSI)	1.69 kg/cm <sup>2</sup> (24 PSI)
Rear	2.04 kg/cm <sup>2</sup> (29 PSI)	2.50 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 on the tyre).

## Tyre rotation

To facilitate the even wear in both the tyres, interchange the front tyre to the rear (along with wheel rim) and vice-versa as per the schedule.



## 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 tyres frequently for inflation pressure as well as the wear pattern on it. Use of a tyre other than the standard may cause instability.*

### FRONT WHEEL REMOVAL

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



5. Remove the wheel mounting nuts (3 nos) and separate the wheel assembly from the hub.
6. Reverse the procedure for reassembling. Locate the lug on fork leg L to the slot in the brake panel and lugs on the hub drive to the wheel hub while reassembling.

### REAR WHEEL REMOVAL

1. Place the vehicle on centre stand.
2. Hold the rear brake firmly and remove the mounting nuts (3 nos). Slightly tilt the vehicle and take out the wheel.



## MAINTENANCE



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



### Warning

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



### Warning

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

## STORAGE PROCEDURES

For storage of TVS Scooty Pep+ 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 the engine oil and transmission oil. Store the oil, if new, in a dust free container.
3. Empty the fuel tank.
4. Drain the petrol from carburettor.



### Caution

*Do not park the vehicle on a slope or soft ground to avoid falling.*

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



5. Remove the spark plug and feed in several drops of engine oil through spark plug hole. Crank the engine few times and reinstall the spark plug.
6. Remove the battery, store it away from direct sunlight and freezing temperatures.
7. Place a suitable support at the bottom of the foot board so that both the tyres are off the ground. This will ensure better tyre life.
8. Cover up the vehicle completely with a clean tarpaulin or any other suitable cover. Store the vehicle inside a garage or similar area to avoid damage due to dust and rain. Make sure that the storage area is well ventilated and free from any source of flame or spark.



### Caution

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

## TAKING THE VEHICLE OUT OF STORAGE FOR REGULAR USE

1. Take the vehicle out of the garage and clean it properly.
2. Remount the battery after bench charging if required.
3. Fill the engine oil (TVS TRU4 PREMIUM oil, SAE 10W30 SL-JASO MA2) and check the oil level using the gauge oil level.
4. Fill the transmission oil (TVS TRU4 PREMIUM oil, SAE 10W30 SL-JASO MA2) and check oil level at the oil level inspection screw.
5. Lubricate the parts as instructed in periodic maintenance schedule.
6. Fill up fresh petrol in the fuel tank.
7. Check and inflate the tyres to the specified pressure.
8. Check and correct the points mentioned in page no. 21.
9. Turn the ignition switch to 'ON' position. Start the engine and ride out.

## MAINTENANCE



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

- A) Please keep the following items for use in case of emergency:
1. Tool kit complete.
  2. Recommended spark plug one number.
  3. Head lamp and turn signal lamp bulb each one.
  4. Throttle, front and rear brake cable each one.
  5. First aid kit.
- B) Precautions to be taken for the journey:
1. Ensure engine oil and transmission oil are up to the level.
  2. Adequate fuel in the fuel tank.
- C) Check your scooter for the following:
1. Tightness of all bolts and nuts with correct torque value.
  2. Fitness of tyres / tyre pressure / tread depth.

3. All bulbs, indicator lamps and horn functioning.
4. Smooth functioning of all cables and their free play.
5. Smoothness of steering operation.
6. Front / rear brake function and rear brake lamp working.
7. Front fork for any abnormality.
8. Spark plug gap and condition of spark plug.
9. Air filter element cleanliness.
10. Correct idling speed.
11. Lubrication of all items mentioned in the periodic maintenance schedule.
12. Any other job as necessary.
13. Have your vehicle checked at any TVS Motor Company Authorised Main Dealer or Authorised Dealer.



## Caution

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

**TVS Motor Company Limited ('the Company') give this warranty with respect to the TVS Scooty Pep+ manufactured by the Company.**

While the Company has taken every care to maintain quality in the manufacture of the TVS Scooty Pep+, 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 in the hands of original retail purchaser, 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.

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.
3. Parts repaired or replaced under this warranty are warranted only throughout the remainder of the original warranty period.

## WARRANTY AND SERVICES



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 owner's manual for the concerned vehicle for verification of relevant details.
8. This is the only warranty given by the Company for the TVS Scooty Pep+. No employee, Dealer or other person is authorised to extend or enlarge this warranty.

### Warning

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

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

**Incase of EXIDE battery, call :- 1800 103 5454**

**Incase of AMCO battery, call :- 1800 425 0096**

**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, adjustments of carburettor, ignition timing, clutch and brakes as well as other normal adjustments.
Wear & tear items	Chain, sprockets, clutch and brake linings, fasteners, shims, washers, oil seals, gaskets, spokes etc.
Electrical	Bulbs , fuse, DRL
Service Maintenance Parts	Oil filters, spark plug, air filter, SAI filter, oil
Rubber, rexine & plastic items	All hoses , pipes and plastic aesthetics
Proprietary Items	Battery, tyres and tubes (the warranty terms are subject to our agreement with proprietary OEM)
Others 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.
	Parts which are used in conjunction with parts not made or recommended by the Company.

**List of parts not covered under warranty**

ITEM	WHAT TO CHECK FOR
Others Factors	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 owner's manual.
	Vehicles on which engine number or chassis number is deleted, defaced or altered.
	Vehicles on which any warranty service including scheduled pay service is not availed when it falls due (at TVS Motor Company Authorised Main Dealer / Authorised Dealer).
	<p>Vehicles sold or transferred by original retail purchaser.</p> <p>Vehicles used for racing or any competition or used otherwise than for ordinary personal transportation. 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>

Customer's Name and address

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

Frame number.....

.....  
 Engine number.....  
 .....

Key number.....

Service coupon no.....

Colour.....

Date of sale.....

Km.....

Registration number.....

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

.....  
 .....

### SERVICE INFORMATION

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

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

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

## WARRANTY AND SERVICES



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

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

### Service Department

**TVS MOTOR COMPANY LIMITED**

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

**TAMILNADU, INDIA.**

**Toll free no:- 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.\***

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



## **Busy Life? Easy Servicing!**

**Now, service your bike anywhere, anytime.**

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

**Contact your nearest Dealership for details.\***

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



# Busy Life? Easy Servicing!

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

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

**Contact your nearest Dealership for details.\***

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

## TECHNICAL SPECIFICATIONS



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

### ENGINE

Type : Single cylinder 4 stroke,  
air cooled, SOHC

Cylinder bore : 51 mm

Stroke : 43 mm

Piston displacement : 87.8 cc

Compression ratio : 10.0 : 1

Carburettor : UCAL UVD14SH

Air filter : Polyurethane foam filter element

Lubrication system : Forced wet sump

Maximum power in kW : 3.68 @ 6500 rpm

Maximum torque in Nm : 5.80 @ 4000 rpm

Maximum speed : 68 km/h

Engine idling rpm\* : 1600 ± 100 rpm

Starting system : Electric starter / kick starter

Emission norms : BS IV

### TRANSMISSION

Clutch : Dry - Centrifugal clutch

Transmission : Continuous Variomatic  
Transmission

Primary reduction : 2.40 to 0.85

Final reduction : 10.47

### CHASSIS

Dimensions and weights

Overall length : 1735 mm

Overall width : 657 mm

Overall height : 1065 mm

Ground clearance : 135 mm

Wheel base : 1230 mm

Kerb weight  
(with toolkit and 90% of fuel) : 95 kg

Pay load : 130 kg

Maximum laden weight : 225 kg

Steering angle : 90°

\* Under warm condition

## TECHNICAL SPECIFICATIONS



### CHASSIS

Caster angle	: 25°
Frame	: Duplex tubular frame
Front suspension	: Aluminium telescopic, hydraulic, dual rated
Rear suspension	: Toggle link, hydraulic damper with triple rated spring
Trail length	: 90 mm

### BRAKES

Front	: 110 mm dia (hand operated)
Rear	: 110 mm dia (hand operated)

### TYRE

Tyre size	
Front	: 3.00-10 4PR 42J
Rear	: 3.00-10 4PR 42J
Tyre pressure	
Front	: 1.69 kg/cm <sup>2</sup> (24 PSI)
Rear - solo	: 2.04 kg/cm <sup>2</sup> (29 PSI)
Rear - dual	: 2.50 kg/cm <sup>2</sup> (36 PSI)

### ELECTRICAL

Ignition system	: IDI Ignition
Spark plug	: BOSCH UR5KCW
Spark plug gap	: 0.9 to 1.0 mm
Battery type	: 12V, 5.0 Ah
Generator	: Fly wheel magneto, 12V, 105W
Head lamp	: 12V, 35/35W x 1
Tail/brake lamp	: 12V, 5/21W x 1
Turn signal lamp	: 12V, 10W x 4
Speedometer lamp	: 12V, 3.4W x 2
Number plate lamp	: 12V, 4W x 1
Turn signal indicator lamp	: 12V, 2W x 2
High beam indicator lamp	: 12V, 2W x 1
Economy mode indicator	: 12V, 1.7W x 1
Power mode indicator	: 12V, 1.7W x 1
Horn	: 12V, DC
Fuse	: 12V, 10A x 1 (Blade type)
Day time running lamp	: 12V LED



### Note

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

## TECHNICAL SPECIFICATIONS



### CAPACITIES

Fuel tank capacity	: 4.9 litres (reserve 1.5 litres)**
Fuel	: BS IV / Unleaded Petrol
Engine oil and capacity	: TVS TRU4 PREMIUM oil (SAE 10W30 SL-JASO MA2), 750 ml (during regular service) and 800 ml (incase of disassembly)
Transmission oil & capacity	: TVS TRU4 PREMIUM oil, (SAE 10W30 SL-JASO MA2), 100 ml (during regular service) and 120 ml (incase of disassembly)
Front fork oil and capacity	: IOC / Castrol Teleshockab oil, 53 ± 1 ml per leg



### Note

*Specifications are subjected to change without notice.*

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

## GENERAL INFORMATION



Dear Customer,

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

