

Incase you need any Clarification please contact above Dealer

Or

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

Or

Toll Free Number : 1800-258-7111

Email : 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

TAMILNADU-1, 3 & 4

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@tvs motor.com
AO.Madurai@tvs motor.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@tvs motor.com

KERALA

3. 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@tvs motor.com

KARNATAKA-1, 2 & GOA

4. TVS Motor Company Limited

No. 600, Anand Surya, 2nd Floor,
15th Cross, 6th Phase, JP Nagar,
Opp. BMTC Bus Stop,
Bangalore - 560 078.
Phone : 080-26653433
Email : AO.Bangalore@tvs motor.com
AO.Hubli@tvs motor.com

ANDHRAPRADESH -1 & 2

5. TVS Motor Company Limited

Rukumani Towers, First Floor,
No. 3-11-30, Plot No. 11,
Paigha Colony, Behind Anand Theater,
Secunderabad - 500 003.
Phone : 040-27840590/27844419
Email : AO.Hyderabad@tvs motor.com
AO.Vijayawada@tvs motor.com

MAHARASHTRA-1 & 2

6. TVS Motor Company Limited

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

MAHARASHTRA-3 & CHATTISGARH

7. TVS Motor Company Limited

No. 502B, 6th Floor, B Wing,
Shriram Shyam Towers,
Near LIC Square, Sardar,
Nagpur - 440 001.
Phone : 0712-2569932
Email : Service.Nagpur@tvs motor.com
AO.Raipur@tvs motor.com

GUJARATH

8. TVS Motor Company Limited

109, Ayna Complex,
Opp. Suvana Villa Bungalows,
100 ft Thaltej Hebbatpur Road,
Off : S.G. Highway, Thaltej,
Ahmedabad - 380 054.
Phone : 079-65443748
Email : AO.Ahmedabad@tvs motor.com

MADHYA PRADESH-1 & 2**9. TVS Motor Company Limited**

No. 211-212, 2nd Floor,
Chinar Incube Business Centre,
Chinar Fortune City,
Near Brindhavan Dhaba,
Hosangabad Road,
Bhopal - 462 026.
Phone : 0755-2499406/2499306
Email : AO.Bhopal@tvs motor.com
AO.Indore@tvs motor.com

RAJASTHAN-1 & 2**10. TVS Motor Company Limited**

Plot No. 17-18,
2nd Floor of National Motors Building,
Jhotwara Industrial Area,
Jaipur - 302 012.
Phone : 0141-5150901/5150902
Email : AO.Jaipur@tvs motor.com
AO.Udaipur@tvs motor.com

DELHI & HARYANA**11. TVS Motor Company Limited**

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

PUNJAB & CHANDIGARH**12. TVS Motor Company Limited**

4th Floor, Royal Business Park,
Chandigarh Ambala Highway,
Zirkapur - 140 603.
Phone : 01762-464777/465777
Email : AO.Chandigarh@tvs motor.com

UTTAR PRADESH WEST**13. 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

UTTAR PRADESH CENTRAL & EAST**14. TVS Motor Company Limited**

1st Floor, Cyber Tower, TC-34/V-2,
Vibhuti Khand, Gomti Nagar,
Lucknow - 226 010.
Phone : 0522-4918300/4918301
Email : AO.Upe@tvs motor.com
AO.Upc@tvs motor.com

WEST BENGAL**15. TVS Motor Company Limited**

Ground Floor & First Floor,
133 A. S. P. Mukherjee Road,
Opp. Tollygunge Police Station,
Kolkatta - 700 026.
Phone : 033-24617096/24617092
Email : AO.Kolkatta@tvs motor.com

BIHAR**16. TVS Motor Company Limited**

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

ORISSA & JHARKHAND

17. TVS Motor Company Limited

No. 303, 3rd Floor,
Creative Plaza, Rasulgarh,
Bhubaneswar - 751 010.
Phone : 0674-2580019
Email : AO.Bhubaneswar@tvsmotor.
com

NORTH EAST STATES

18. TVS Motor Company Limited

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

3-VALVE 125 CVTi - Revv ENGINE

Your scooter is India's 1st scooter with 3 valve powerful engine. The additional intake valve in your scooter helps in faster filling of petrol-air mixture and faster & better combustion.

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

Your scooter is fitted with 'Fully Digital Connected Instrument Cluster'. This first-in class cluster housed perfectly in the headlamp housing of your scooter. An Engine Malfunction Indication lamp is added to glow whenever any engine related fault is present in vehicle.

**SMARTXCONNECT-BLUETOOTH CONNECTIVITY (First Time in Scooters)**

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 notification and navigation assist in the cluster and ride stats share, last parked location in your Android smart phone.

ENGINE Kill SWITCH**

'Engine Kill Switch' is an another unique feature in scooter which allows you to shut the engine without switching OFF the ignition.

**ECONOMETER®**

Your scooter's connected instrument cluster has an '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.



** Applicable only for Disc Brake version

EXCLUSIVE PASS-BY SWITCH

'Exclusive Pass-by Switch' allows you to easily switch between high and low beam of head lamp with easy press and auto release. It is helpful especially while overtaking.



HEAD LAMP WITH DRL

TVS NTORQ 125 has a brightest head lamp with 'Multi Focal Reflector' and 'Halogen bulb' for better visibility. It also has a stylish 'Day Running Lamp - DRL' at the bottom.



LED HEAD LAMP CUM POSITION LAMP WITH ALL TIME HEAD LAMP ON (AHO)*

TVS NTORQ 125 Race Edition comes with premium LED headlamp cum position lamp. Efficient and bright, this gives NTORQ a totally upgraded Look and style with better visibility for night rides.



EXTERNAL FUEL FILL

This is an exclusive facility which allows you to fill petrol without even getting out of your seat.



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.



TEXTURED FLOORBOARD

Your scooter comes with a stylish textured floor board.



SYNCHRONISED BRAKE SYSTEM (SBS - DRUM BRAKE)

'Synchronised Brake System' fitted in your scooter reduces the stopping distance, while keeping the stability intact.



* Applicable only for Race edition

** Applicable only for Disc Brake version

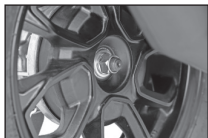
PETAL DISC BRAKE**

Your scooter is fitted with '220 mm Roto - Petal Disc' at the front for effective braking and safe riding even at higher speeds.



DIAMOND - CUT ALLOY WHEELS

Your scooter has sporty diamond cut alloy wheels.



CHUNKY TUBELESS TYRES

'Chunky Tubeless Tyres' are another important unique feature in your scooter. Tubeless tyres reduces 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.



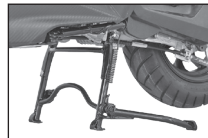
LARGER ALLOY WHEELS

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



PATENTED E-Z CENTRE STAND

'E-Z Centre Stand' of your scooter reduces the effort required to place the scooter on stand.



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 the seat.



** Applicable only for Disc Brake version

LED TAIL LAMP-CUM-BRAKE LAMP

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



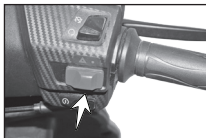
PARKING BRAKE (Rear Brake Lock)

'Parking Brake' is another safety feature which protects your scooter from falling due to wheel rotation when it is parked with the side stand on a slope.



HAZARD SWITCH†

TVS NTORQ 125 Race Edition comes with a hazard switch which can be used whenever it is necessary to park the scooter in a hazardous location due to emergency situation.



UNDER-SEAT STORAGE (Utility Box)

Your scooter has a 22 litre 'Under-Seat Storage' space to carry your luggage belongings, full face helmet etc.



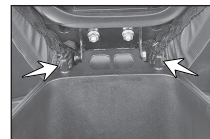
SMART PHONE CHARGER AND UTILITY BOX LIGHT**

Your scooter has a 'Smart Phone Charger' enable to charge your mobile phone when you are traveling. The 'Utility Box Light' which lights up the utility box whenever the seat is open (it is fitted by default in Disc brake variants. For Non-Disc brake variants it can be fitted as an accessory on chargeable basis).



HELMET HOOKS

Your scooter has two 'Helmet Hooks' under the seat assembly at the front end of utility box to secure your helmet.



† Applicable only for Race edition

** Applicable only for Disc Brake version



ACCESSORIES FOR YOUR VEHICLE

Apart from the above listed unique features, the following accessory is also available for your scooter to enhance look and convenience.

Ask your Dealer to fix this accessory on your scooter but it will be charged additional.

- Front glove box
- Beeper
- Immobilizer.

Welcome to the 'T'ribe.

If you are reading this, you are now in control of a revolutionary riding experience crafted with cutting-edge style, performance and technology.

TVS NTORQ 125 /TVS NTORQ 125 Race Edition.

Sculpted with aerodynamic fighter jet-inspired styling.

Built with India's first-ever 3-valve scooter engine.

Loaded with never-before next-gen technology.

India's First Bluetooth-connected Scooter.

The TVS NTORQ 125 /TVS NTORQ 125 Race Edition screams wow, even when it's not screaming down a racetrack.

This manual is your guide to unlocking the complete potential of your TVS NTORQ 125 /TVS NTORQ 125 Race Edition. Read it. Hold on to it.

And of course, we're sure that a true rider like you will get your TVS NTORQ 125 / TVS NTORQ 125 Race Edition regularly serviced, only at TVS Motor Company's Authorised Main Dealer / Authorised Dealer.

Just remember. Play safe and watch out for that adrenalin rush!

TVS MOTOR COMPANY LIMITED

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

This Owner's Manual contains a host of useful information. Please take the time to read this manual before you ride your new TVS NTORQ 125. Get familiarised with the operation of your scooter 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 NTORQ 125 does the same.

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. Pictures shown in this manual are of TVS NTORQ 125 Disc Brake version unless specified.

TVS NTORQ 125 is provided with a day time running lamp (DRL). The DRL glows automatically once the ignition is turned ON and goes dim on switching on the head lamp while the engine is running.

TVS NTORQ 125 Race Edition is provided with All time Head lamp ON (AHO). The head lamp glows automatically once the engine is started without activating any other switch.

Operating this vehicle safely is an important responsibility of the rider. To help you make decisions on safety, we have provided necessary 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 the 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 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**.*

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

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

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

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



Caution

Replacing the engine and transmission oil during first free service is most important for better life of engine. Always use TVS TRU4 SKUUTA oil (SAE10W30 API-SL, JASO MB) 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 NTORQ 125

Riding skill and your mechanical knowledge forms the foundation of safe riding practices. We suggest you to practice riding TVS NTORQ 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 thoroughly familiarise 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 brakes 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 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 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 the scooter 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 new TVS NTORQ 125 is equipped with a closed crankcase 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 NTORQ 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

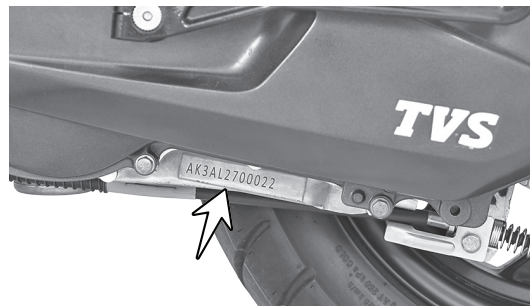
Your vehicle is tested and certified for emission which meets BS VI emission norms and is valid for initial 12 months from the date of purchase. Get your vehicle certified by the Government authorised emission testing station every year (after initial 12 months of usage).

Fill fuel to the marked reference as mentioned in warning sticker, to ensure proper functioning of Evaporative Emission Control system.

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.



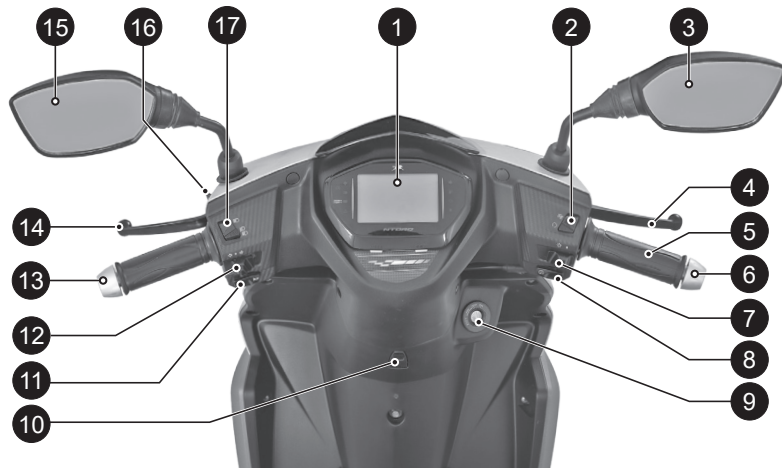
The engine serial number is stamped on the left side of the engine, at the bottom, near center stand mounting. See bottom to read serial number.

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Please fill the above boxes now for future reference

LOCATION OF PARTS - HANDLE BAR



1. Connected instrument cluster
2. Engine kill switch**
3. Rear view mirror R
4. Right hand brake lever
5. Throttle grip
6. Damper handle bar R**
7. Head lamp switch / Hazard switch*
8. Electric starter switch
9. Ignition cum steering lock
10. Bag hook (front)
11. Horn switch
12. Turn signal lamp switch
13. Damper handle bar L**
14. Left hand brake lever (SBS)
15. Rear view mirror L
16. Parking brake (rear brake lock)
17. High/low beam cum pass by switch

* Head lamp switch is applicable for TVS NOTRQ 125 and Hazard switch is applicable for TVS NTRQ 125 Race Edition

** Applicable only for Disc Brake version

LOCATION OF PARTS - VEHICLE LEFT SIDE



1. Disc plate front**
2. Front wheel axle
3. Caliper assembly front
4. Side stand
5. Center stand
6. Pillion foot rest L
7. Rear brake adjuster nut
8. Kick starter lever
9. Lady foot rest - foldable#
10. Seat cum fuel tank lock

** Applicable only for Disc Brake version

Mandatory accessory will be charged extra

LOCATION OF PARTS - VEHICLE RIGHT SIDE



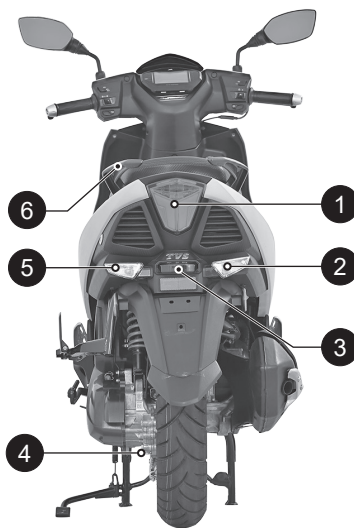
1. Seat assembly
2. Muffler assembly
3. Gauge oil level
4. Pillion foot rest R
5. Cover front
6. Bag hook (rear)
7. Front wheel axle nut

LOCATION OF PARTS - VEHICLE FRONT & REAR



FRONT

1. Head lamp assembly
2. DRL
3. Turn signal lamp front R
4. Turn signal lamp front L



REAR

1. Tail / brake lamp
2. Turn signal lamp rear R
3. License plate lamp
4. Transmission oil level screw
5. Turn signal lamp rear L
6. Pillion handle

License plates are mandatory accessory will be charged extra

CONTROL KEY

TVS NTORQ 125 comes with a pair of identical control keys. These keys are to operate ignition cum steering lock, fuel tank cap and seat lock.

IGNITION CUM STEERING LOCK

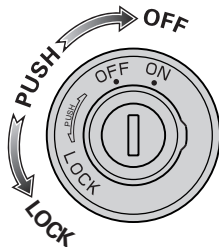
The ignition lock enables and disables the electrical circuit and steering lock. The three positions of the lock are described below.

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.



The connected instrument cluster and warning lights perform the self-diagnostic cycle once upon activation.

3. 'LOCK' position

TVS NTORQ 125 steering can be locked in both 'left' and 'right' directions.

Turn the handlebar to the 'left' or 'right'. Press the key 'IN' and rotate it to the 'LOCK' position from 'OFF' position. All electrical circuits are deactivated and the steering is locked. The control key can be removed from the lock.

i Note

When you switch on the 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 connected instrument cluster background illumination, day time running lamp (DRL) and tail lamp glow automatically once the ignition key is turned 'ON' without activating any other switches.

When the ignition switch is turned 'ON' the connected instrument cluster performs self diagnostic cycle. Wait till the message 'HELLO RIDER' or name of the person given in the app is displayed.

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

Warning

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

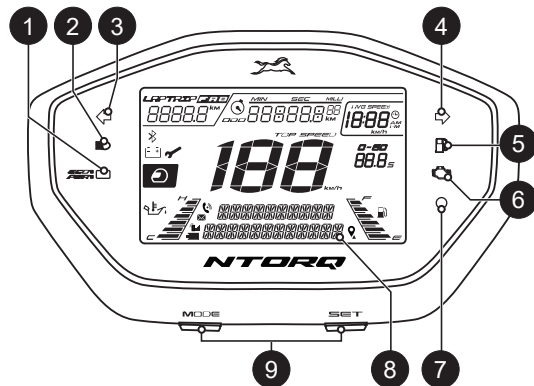
Caution

Leaving the ignition cum steering lock in 'ON' position for a prolonged time will drain the battery when the vehicle is not in use. Switch OFF and take the control key out when the vehicle is not in use.

Always lock the steering while parking for safety.

CONNECTED INSTRUMENT CLUSTER

Your TVS NTOUQ 125 is provided with a fully digital connected instrument cluster with lots of features and various modes like street mode, sport mode, mobile app for Android™ / iOS devices and navigation assist etc.



1. Economy and power indicator

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

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

Power indicator will also glow if engine is stalled using kill switch.

2. High beam indicator lamp ()

Glow when the head lamp is activated in high beam or pass-by condition.

3. Turn signal indicator left ()

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

4. Turn signal indicator right ()

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

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 and the engine needs to be switched 'OFF' to save the fuel.

5. Low fuel indication ()

The low fuel indicator glows when the fuel level reaches empty level, and a message 'FUEL EMPTY' will be displayed at alpha numeric display.

FUEL EMPTY

6. Malfunction indicator lamp - MIL ()

MIL is turned ON when the ECU detects a fault in the system.



Caution

When the low fuel warning indicator lamp glows fill fuel in the fuel tank immediately to avoid engine switch OFF / damage to fuel pump which leads to replacement of pump without warranty.



Note

The malfunction indicator will continue to remain switched 'ON' after self checking of cluster until the engine is started. But after starting the engine it will get switch 'OFF' if no malfunction is detected.

If a malfunction is detected in the system, the malfunction indicator lamp '  ' glows. Contact nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.

7. Smart-connect notification LED

A green colour LED indicator glows and indicates whenever there is an incoming call or message received by the 'Smart Phone' paired with your TVS NTORQ 125.

8. Alpha numeric display

The customized alpha-numeric display indicates different modes of instrument cluster, vehicle information and Smart-connect related messages, when the ignition key is turned ON.

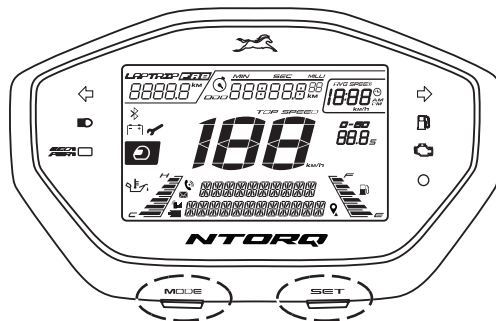
9. Mode and Set buttons

Mode button is used to change the connected instrument cluster's display to various modes like 'Street mode', 'Sport mode', 'Ride stats mode' etc.

Set button is used to 'Set' or 'Erase the stored value' in various modes.

The set button is also used to find the estimated time of arrival and distance remaining to reach the destination in navigation mode.

MODE AND SET BUTTONS

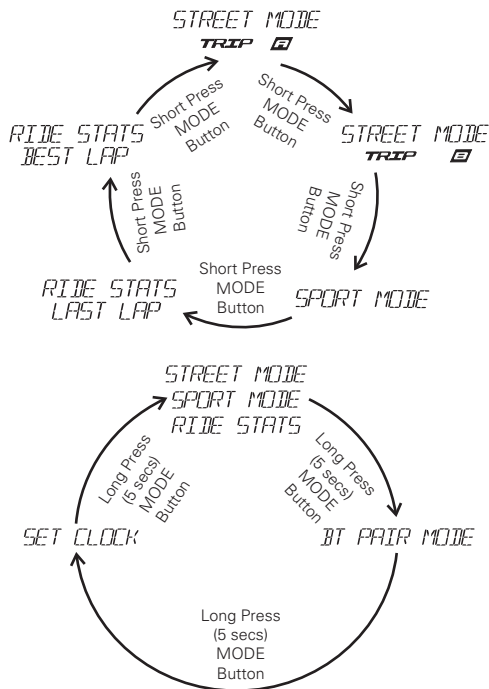


TVS NTORQ 125's connected instrument cluster offers you different modes of display to choose. The sequence of the modes, their selection and their working are explained in the following pages.

1. Street mode
2. Sport mode
3. Ride stats mode
4. BT pair mode
5. Set clock mode

Note

The above mode changes are possible only when the vehicle is in static for safety.



i Note

On riding condition of the vehicle, only street mode and sport mode will be displayed in the connected instrument cluster. All other modes can be accessed only when the vehicle is static.

On ignition 'OFF' and 'ON', the previously displayed mode will be retained in display of the connected instrument cluster.

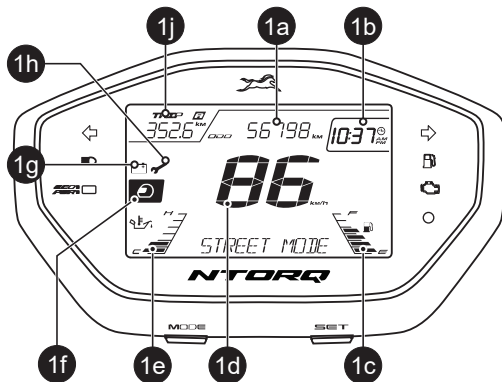
The connected instrument cluster of your scooter enters into BT pair mode automatically, when the following conditions are met:

1. Battery is disconnected and reconnected again.
2. When the vehicle fuse is blown and replaced.
3. When the electric start is done with the low SOC (state of charge) battery (will be indicated through self-check of connected instrument cluster).

1. Street mode

In street mode, the following features will be displayed on the connected instrument cluster:

- 1a. Odometer
- 1b. Digital clock
- 1c. Fuel gauge
- 1d. Speedometer
- 1e. Engine temperature gauge
- 1f. Helmet icon
- 1g. Low battery indicator
- 1h. Service reminder
- 1j. Trip A, B and F



1a. Odometer

Odometer registers the total distance covered by the vehicle in kilometer.



1b. Digital clock

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



1c. Fuel gauge

Digital bars indicate the approximate quantity of fuel available in the fuel tank. There are six bars to indicate the quantity of fuel available in the tank.



i Note

If the battery is disconnected and reconnected during service, you may need to reset the time as explained in page no. 29.

All the six bars will be displayed when the fuel in the tank reaches above 5 liters approximately (full tank). When the fuel reaches half tank (3.2 liters approx.) the fuel gauge displays only three bars as shown.



When the fuel reaches minimum safe level (1.2 liters approx.), the last bar of the fuel gauge starts blinking and low fuel indicator starts glowing. The message 'FUEL EMPTY' will be displayed at alpha numeric display and 'TRIP F' meter starts counting from 0.0 km as explained in page no. 19.



i Note

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

i Note

If all the fuel level bars of the connected instrument cluster are blinking and an error message 'CHECK FUEL SENSOR' displayed at alpha numeric display as shown, Contact nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.

CHECK
FUEL SENSOR

1d. Speedometer

Indicates the vehicle speed in kilometer per hour by default when the ignition is turned ON.




1e. Engine temperature gauge

The temperature gauge displays the engine temperature in digital bars. There are six bars to indicate the engine temperature. All the six bars will be displayed if the engine temperature raises beyond normal operating temperature and a diagnostic message 'ENGINE WARNING' also will be displayed at the alpha numeric display as shown.




On occurrence of the above error message, the vehicle should be kept in idling for 10 minutes approx. and switch 'OFF' the vehicle. If the problem continues even after cooling the engine, take the vehicle to TVS Motor Company Authorised Main Dealer or Authorised Dealer and get it rectified.


1f. Helmet icon

With every ignition 'ON', Helmet icon '' blinks for 10 seconds on the left side of the connected instrument cluster to remind the rider to wear a helmet.

1g. Low battery indicator

An icon with battery symbol '' glows when the battery charge is too low. Get the battery checked at TVS Motor Company Authorised Main Dealer / Authorised Dealer.

1h. Service reminder

If the service is due, whenever the ignition is turned 'ON', a icon with spanner symbol '' blinks for 10 seconds after the self-check cycle of connected instrument cluster and continue to glow till the vehicle is serviced and the reminder is reset. Get the vehicle serviced at TVS Motor Company Authorised Main Dealer / Authorised Dealer.

1j. Trip A and B

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

TRIP A
630.6^{km}

TRIP B
510.6^{km}


Note

Low battery and service reminder indicator works on all the modes of the connected instrument cluster.

Provision is provided for the users to measure two different distances as per their convenience. In street mode, 'TRIP A' will be displayed by default. Press mode button once to enter 'TRIP B'. To reset any of the trips (A or B), press the 'SET' button more than 3 seconds while display is in the respective trip in vehicle static condition only.

1k. Trip F

TRIP F
13.8^{km}

This function shows the distance traveled after the low fuel indication symbol () is 'ON' and 'FUEL EMPTY' message displayed at alpha numeric display. The display switches automatically to 'TRIP F' once the low fuel indication is 'ON' and starts counting from 0.0 km.

If the fuel level remains in minimum safe (reserve) level, the reading will be saved even after the ignition 'OFF'.

The 'TRIP F' meter stops counting and gets cleared automatically once the fuel is filled above minimum safe (reserve) level which is indicated by at-least 2 bars in the fuel gauge. Once TRIP F is cleared, Trip A / B display switches ON automatically.

Please remember that the 'TRIP F' meter cannot be activated or deactivated manually and can't be reset.

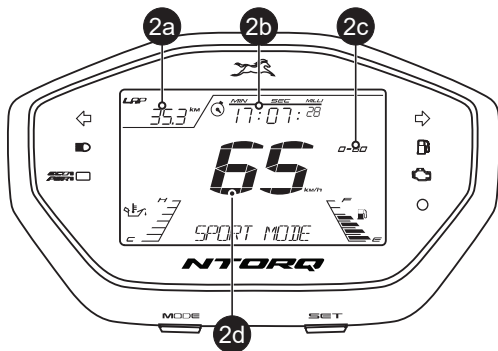
On every ignition ON, 'TRIP F' meter will get enabled automatically until fuel level raises above minimum safe level. 'TRIP A' and 'TRIP B' will still be accessed by short pressing the 'Mode' switch but the display will automatically enter 'TRIP F' after 5 seconds.

2. Sport mode

To enter into sport mode, short press the 'Mode' button in street mode while 'Trip B' in display.

In sport mode, the following features will be displayed on the connected instrument cluster:

- 2a. Lap distance
- 2b. Lap timer
- 2c. Shortest time indicator
- 2d. Speedometer (refer page no. 17)



i Note

One lap is considered from one ignition ON to OFF.

2a. Lap distance

LAP
32.0^{km}

The total distance covered by the vehicle in a particular lap will get captured in 'Lap distance' counter. Once the vehicle speed crosses 2 km/h, the lap distance counter starts counting distance automatically and stops when the speed goes below 2 km/h. If the speed increases again, the counter continues the distance counting. The lap distance counter ends when the ignition is turned 'OFF'.

2b. Lap timer

MIN SEC MILLI
18:78:05

Lap timer is the total time taken by the vehicle for completing a single lap.

Similar to lap distance, the lap timer also starts once the vehicle speed crosses 2 km/h and stops when the speed goes below 2 km/h indicated by blinking of lap timer '🕒' icon. If the speed increases again, the timer continues counting. The lap timer ends when the ignition is turned 'OFF'.

2c. Shortest time indicator

0-60
10.7_s

Shortest time indicator records the minimum time taken to reach 60 km/h from start. The timer starts once the vehicle speed crosses 2 km/h and the time will be displayed on crossing 60 km/h speed.

i Note

Shortest time indicator data will be displayed only if the time taken to reach 0 to 60 km/h is less than 15 seconds. If the time taken is more than 15 seconds then the default time (15 seconds) will be displayed.

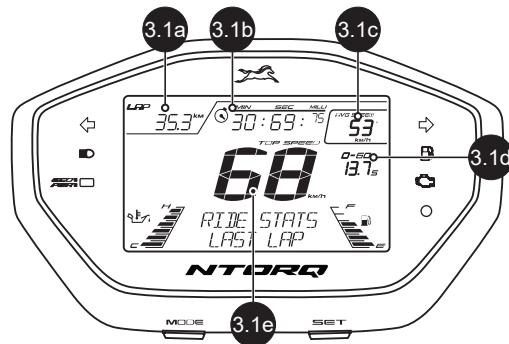
The values of sport mode can be reset by pressing 'SET' button for more than 3 seconds in vehicle static condition only.

The value of shortest time indicator disappears automatically if the vehicle speed reduces below 2 km/h.

3. Ride stats mode

To enter into ride stats mode, short press the 'Mode' button in sport mode when the vehicle is static. Following two features are available in ride stats mode.

- 3.1. Ride stats last lap
- 3.2. Ride stats best lap



i Note

In this mode, if the vehicle speed crosses above 2 km/h, the connected instrument cluster enters to 'STREET MODE' automatically.

3.1. Ride stats last lap

'RIDE STATS LAST LAP' appears by default on entering ride stats mode. The details displayed in this mode are as given below :

- 3.1a. Previous lap distance
- 3.1b. Previous lap timer
- 3.1c. Previous lap average speed
- 3.1d. Previous lap shortest time
- 3.1e. Previous lap top speed

3.1a. Previous race lap distance

Previous race lap distance is the total distance covered by the vehicle in the last lap.

3.1b. Previous race lap timer

Previous race lap timer is the total time taken by the vehicle to complete the last lap.

3.1c. Previous race average speed

Previous race average speed is the average speed of vehicle traveled during last lap.

3.1d. Previous race shortest time

Previous race shortest time is the shortest time taken to reach 0 to 60 km/h in the last lap. If there are more than one record in the same lap, the best value will be displayed.

3.1e. Previous race top speed

Previous race top speed is the top speed that the vehicle has achieved during last lap.

Note

All the above details are recorded only when the vehicle is driven in sport mode.

All the above values can be reset by pressing the 'Set' button for more than 3 seconds in vehicle static condition.

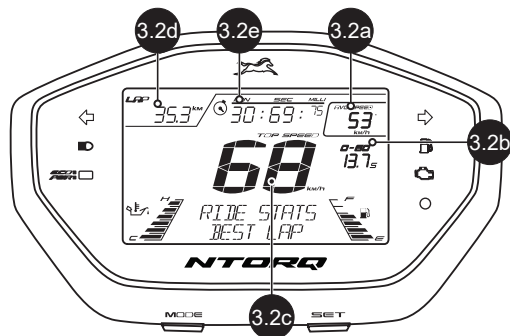
3.2. Ride stats best lap

To enter 'RIDE STATS BEST LAP' mode, press 'MODE' button once in 'RIDE STATS LAST LAP'. The details in this mode are as given below :

- 3.2a. Best average speed
- 3.2b. Best lap timer
- 3.2c. Best lap distance
- 3.2d. Best top speed
- 3.2e. Best shortest time

3.2a. Best average speed

'Best average speed' is the best average speed amongst the previously concluded laps.



3.2b. Best shortest time

'Best shortest time' is the shortest time taken ever to reach 0 to 60 km/h speed since the time of vehicle purchase or since last reset.

3.2c. Best top speed

'Best top speed' is the highest speed that the vehicle has reached since the time of vehicle purchase or since last reset.

3.2d. Best lap distance

'Best lap distance' is the total distance covered by the vehicle corresponding to the best ever average speed.

3.2e. Best lap timer

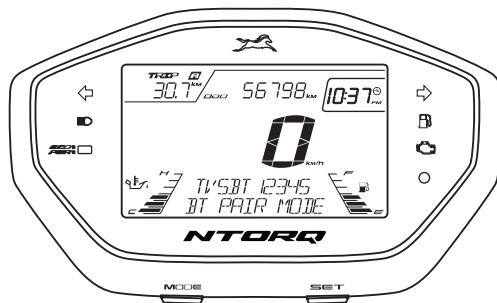
'Best lap timer' is the total time taken by the vehicle corresponding to the best ever average speed.

i Note

All the above values can be reset by pressing the 'Set' button for more than 3 secs in vehicle static condition.

4. BT pair mode

This mode can be entered by pressing 'MODE' button for 5 secs from STREET / SPORT mode.



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



TVS CONNECT

i Note

In this mode, if the vehicle speed crosses above 2 km/h, the connected instrument cluster will enter to 'STREET MODE' automatically.

Any number of Android phones can be auto-paired with the instrument cluster.

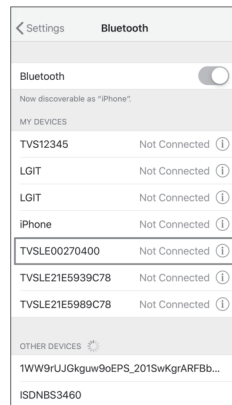
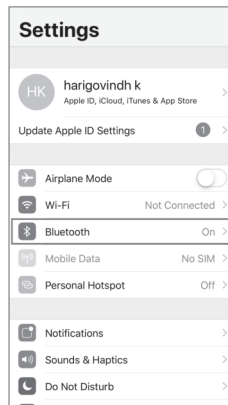
Only one iPhone can be auto-paired with a single instrument cluster at a time. If the user need to connect multiple iPhones with the single instrument cluster, the previous connected iPhone has to be forgotten by clicking, "Forget This Device" from Bluetooth settings in the iPhone.

i Note

If the vehicle battery is reset or fuse is blown, then too "Forget This Device" from Bluetooth settings in the iPhone has to be done.

Steps to "Forget This Device" in iPhone:

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



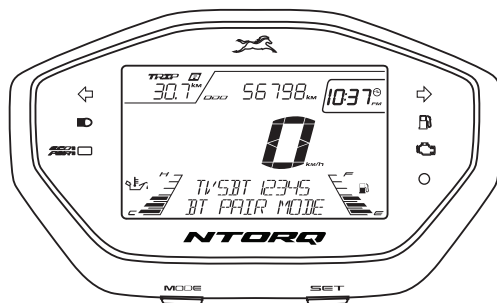
1. In the previous connected iPhone, open the **SETTINGS** -> **BLUETOOTH**.
2. Select the instrument cluster, which was connected previously.
3. Click on the “Forget this device”



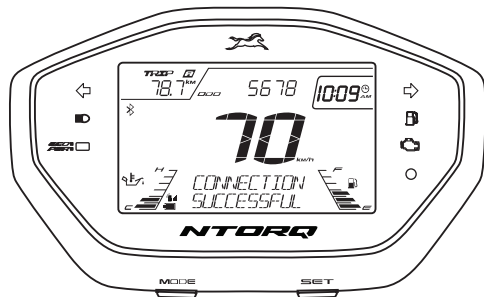
First time Bluetooth pairing:

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

1. Switch 'ON' the vehicle.
2. Speedometer can be in any mode for first time pairing.
3. Open the app and press “**CONNECT**”, ensure the smart phone is near to the vehicle.
4. The app searches for all Bluetooth devices nearby and displays the list of devices available.



5. The connected instrument cluster's Bluetooth name is prefixed by TVSBT and followed by alpha-numeric digits. Ex : 'TVSBT12345'. This Bluetooth name can be found by changing the cluster mode into BT pair mode.
6. Now, select the 'TVSBT12345' in app to initiate the pairing process.
7. On pairing, the alpha-numeric display of connected instrument cluster displays 'CONNECTION SUCCESSFUL' message for 3 secs and a Bluetooth icon '📶' will be displayed on the speedometer. Additionally phone's battery icon and signal strength icon will be displayed on connected instrument cluster.



8. For initiating first time pairing, logout from the app, login again using your login credentials and then press CONNECT.

Note

During the course of pairing process, if there is any occurrence of error, the connected instrument cluster 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 NTORQ 125's connected instrument cluster.

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

Auto pairing

Once the first time pairing is done between vehicle's instrument cluster and your smart phone, the phone will automatically pair 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 open or be open in background for auto-pairing to happen.

Every time auto-pairing happens, app will open automatically and connect with the Instrument cluster. The connected instrument cluster shows 'CONNECTION SUCCESSFUL'.

**CONNECTION
SUCCESSFUL**

If your smart phone is disconnected from the vehicle's instrument cluster then Ex: 'JOHN DISCONNECTED' message will be displayed on the alpha-numeric display of connected instrument cluster.

**JOHN
DISCONNECTED**

Note

If the 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 phone with manufacture's customized OS (Ex : MI, Vivo etc.)




In case of Android 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 phone's Bluetooth is already paired to other gadgets like smart watch, health band or helmet, the auto-pairing works with your TVS NTORQ 125's connected instrument cluster.

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.

i Note

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

Once the connected instrument cluster of your TVS NTORQ 125 is connected with your smart phone, the connected instrument cluster displays Bluetooth '  ' icon, your mobiles battery level '  ' icon and network providers signal strength '  ' icon.

i 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 instrument cluster.

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

Incoming call alert display '  '

The connected instrument cluster will display the incoming calls alerts from the smart phone via Bluetooth. Ex. 'CALL FROM AMIT', will be displayed if the contact is stored in the smart phone's otherwise number will be displayed. Ex. 'CALL FROM 9863571861'. The notification smart-connect notification LED (green LED) starts blinking on receiving the incoming call till the call is active.

CALL FROM CALL FROM
AMIT 9863571861


Missed call alert display '  '

The connected instrument cluster displays the total number of missed calls from the smart phone via Bluetooth 10 seconds approx., Ex. '3 MISSED CALLS'.

 03
MISSED CALLS

i Note

Number of missed calls (inclusive of user rejected calls) will be displayed at the end of each incoming call and it will be reset once a trip is completed and a trip report is generated in app or if app is closed.

SMS alert display '  '

The connected instrument cluster displays the incoming SMS from the smart phone via Bluetooth, Ex. 'SMS FROM AMIT', name of the sender will be displayed. The connected instrument cluster displays incoming SMS only if the number is stored in the contact list.

 SMS FROM
AMIT

i Note

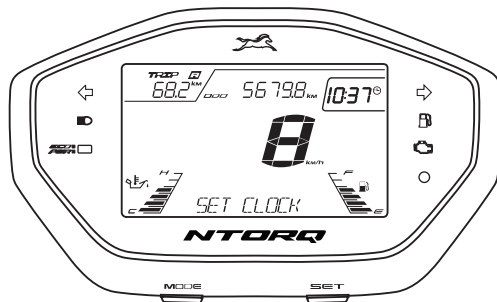
The SmartXonnect Notification LED (green LED) blinks for five seconds approximately whenever there is a incoming message.

SMS alert display is not applicable for iPhones.

5. Set clock mode

To enter the set clock mode, press 'Mode' button for more then 5 secs in Bluetooth paring mode. The digital clock starts blinking once the connected instrument cluster enters the set clock mode.

- Press the 'Mode' button while the digital clock is blinking. The hour digits of clock starts blinking and enables you to change the hours.
- Press the 'Set' button to increase the hours while hour digits are blinking.
- On pressing the 'Mode' button again the hours gets set and the minute digits starts blinking.



- Now, press the 'Set' button to increase the minutes while minute digits are blinking.
- Once again press the 'Mode' button so the minutes of the clock is set and the hours format 'AM' or 'PM' starts blinking.
- Press the 'Set' button to change the hour format either to set 'AM' or 'PM'.
- Press the 'Mode' button once again to set clock and wait for 5 secs to come out of set clock mode.

i Note

In this mode, if the vehicle speed crosses above 2 km/h, connected instrument cluster will enter to 'STREET MODE' automatically.

If no input is given for more than 5 secs while the set clock mode is in operation, the connected instrument cluster comes out of this mode automatically.

The clock time gets sync automatically on pairing your Android smart phone with the connected instrument cluster provided if auto sync clock setting is enabled in app.

TVS CONNECT APP



Dedicated smart phone app is available in the Google Play and the Apple store for your 'TVS NTORQ 125' and it can be installed in your Android and Apple smart phones. To access the features of your TVS NTORQ 125's connected instrument cluster like :

- Incoming call alerts in connected instrument cluster.
- Incoming SMS alerts in connected instrument cluster (applicable only for Android smart phones).
- Number of missed call alerts in connected instrument cluster.
- Battery status of your smart phone in connected instrument cluster.
- To send auto reply SMS to the callers via smart phone (applicable only for Android smart phones).
- "Do Not Disturb" mode during the ride (applicable only for Android smart phones).



- To send navigational assist instructions inputs to the connected instrument cluster from your smart phone.
- To save the last traveled route.
- To locate the last parked location of your TVS NTORQ 125.
- To know the signal strength of your mobile network in connected instrument cluster.
- To generate and store Ride reports.
- To sync the connected instrument cluster clock with smart phone clock.
- To control the background illumination of the Instrument cluster.

This dedicated mobile app of your TVS NTORQ 125 can be downloaded from the Google Play and the App Store® by searching the key word '**TVS CONNECT**' else by scanning the below QR code.



Android



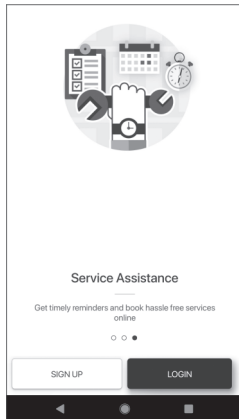
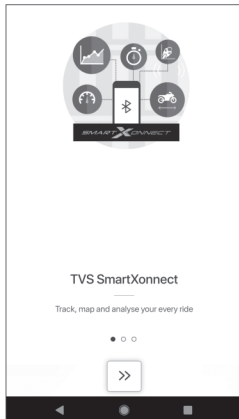
iOS

i Note

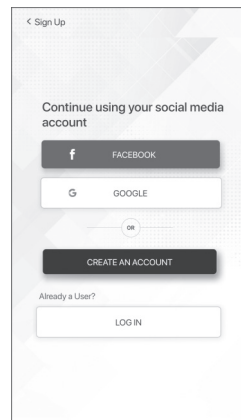
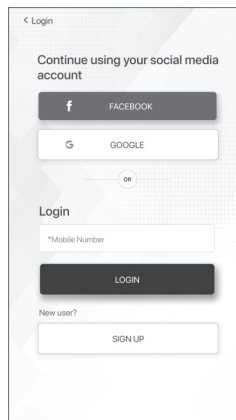
This smart phone app is compatible only for the smart phones with Android OS version Kitkat (4.4) and above, iOS version 9 and above and the BLUETOOTH version 4.0 and above. Android and Google Play are trademarks of Google LLC. App Store® and iOS are trademark of Apple.

How to login

On opening the **TVS CONNECT** app the following introductory screens will be displayed.



Move to the last screen where you will find the 'SIGN UP' and 'LOGIN' tab. If you are having login already then press login tab. A screen with various login options opens-up as shown.

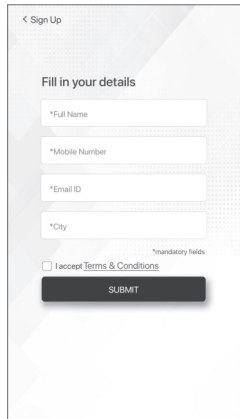


You can login using your social media logins like FACEBOOK and GOOGLE+ or using your mobile number which has been registered already.

If you are a new user then press the sign up tab where you will find various options for registering using your social media logins like FACEBOOK and GOOGLE+ or a tab for creating new account.

Using your social media logins you can create new login else press the 'CREATE AN ACCOUNT' tab.

On pressing the 'CREATE AN ACCOUNT' tab, a screen opens with various input details. Feed in your details and submit. On submitting the details a screen opens with one time password (OTP) entry.



< Sign Up

Fill in your details

*Full Name

*Mobile Number

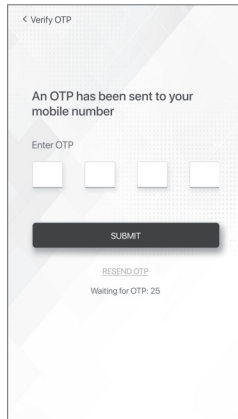
*Email ID

*City

*mandatory fields

☐ I accept [Terms & Conditions](#)

SUBMIT



< Verify OTP

An OTP has been sent to your mobile number

Enter OTP

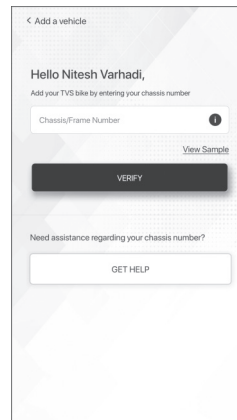
□ □ □ □

SUBMIT

[RESEND OTP](#)

Waiting for OTP: 25

Enter the OTP which is received from TVS Motor Company Limited and submit. On submitting the OTP, another screen opens where you have to enter your vehicle's chassis number for verification.



< Add a vehicle

Hello Nitesh Varhadi,

Add your TVS bike by entering your chassis number

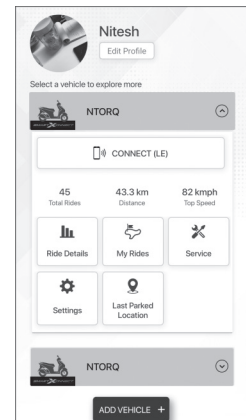
Chassis/Frame Number

[View Sample](#)

VERIFY

Need assistance regarding your chassis number?

GET HELP



Nitesh

[Edit Profile](#)

Select a vehicle to explore more

NTORQ

CONNECT (LE)

45 Total Rides 43.3 km Distance 82 kmph Top Speed

Ride Details My Rides Service

Settings Last Parked Location

NTORQ

ADD VEHICLE +

After successful verification of your chassis number, the Home screen of the app opens.

i Note

Please remember that the Navigation License has to be renewed after 5 years of vehicle purchase and renewal can be done by contacting near by Dealer end.

Add vehicle

Add vehicle tab allows you to add any of your TVS bikes by entering its chassis number. You can have sample view of the frame number and also you can get help by chatting with us or by E-mailing to us or by calling us.

Add a vehicle

Hello Nitesh Varhadi,
Add your TVS bike by entering your chassis number

[View Sample](#)

VERIFY

Need assistance regarding your chassis number?

GET HELP

Need assistance with updating your phone details? Get in touch

Chassis No*:

Name*:

Upload RC copy*:

Maximum size of 5 mb allowed

Upload Driving License*:

Maximum size of 5 mb allowed

Number to be updated*:

Comments:

SUBMIT

OR



CALL 800 100 1000

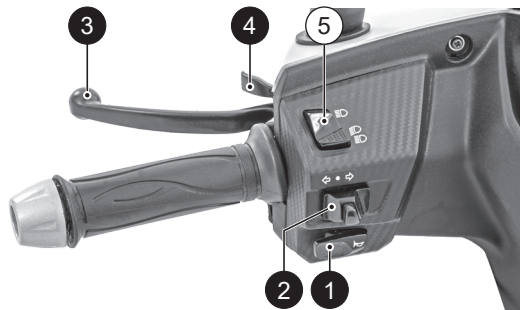
HANDLE BAR LEFT SIDE

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 center button of the switch to turn 'OFF'.



Warning

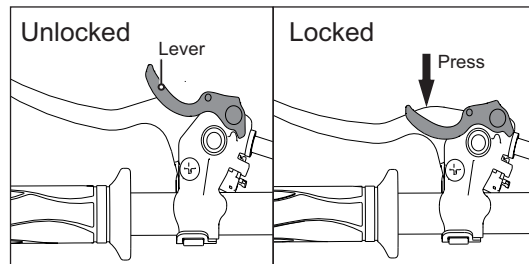
Always use the appropriate turn signal lamps when you intend to change lanes or take turns. Be sure to switch it 'OFF' after negotiating the lanes or turns.

3. Left hand brake lever (SBS brake lever)

Synchronised Braking System (SBS) can be operated by pressing the left hand brake lever gently towards the handle grip. SBS technology helps to operate both front and rear brakes by distributing the force optimally between the two braking system.

4. Rear brake lock lever

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



Warning

Since your vehicle is fitted with SBS 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 SBS.

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

5. High/low beam cum pass by switch

With the head lamp 'ON' (incase of Race edition, headlamp gets on automatically once the engine is started), press the switch towards 'H' to operate head lamp high beam or press it towards 'L' to operate head lamp low beam.

TVS NTORQ 125 has a combined switch for head lamp 'high / low' beam and pass by. To operate the pass by, keep the switch in 'low beam' position, press gently and release. This makes the head lamp high beam to flash and signal the approaching vehicle. The pass by signal can be used while overtaking during day time.

Warning

Ensure brake lock is released before riding the vehicle.

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

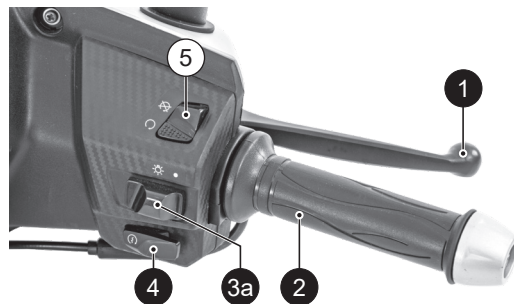
HANDLE BAR RIGHT SIDE

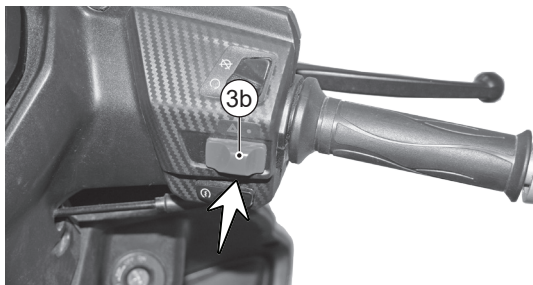
1. Right hand brake lever

Incase of disc brake vehicles the right hand brake lever controls a hydraulic circuit while squeezing and the hydraulic circuit operates the front brake system. Else the brake system works directly. 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.





3a. Head lamp switch (applicable only for TVS NTORQ 125)

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

OFF: Head lamp is turned 'OFF' when the switch is positioned at '●' even though the engine is running.

ON: When the switch is positioned at '☀' head lamp glows while the engine is running. The DRL intensity reduces to 50% on switching on the head lamp.

** Applicable only for Disc brake model*

3b. Hazard switch (applicable only for TVS NTORQ 125 Race Edition)

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.

4. Electric starter switch

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

Warning

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

Note

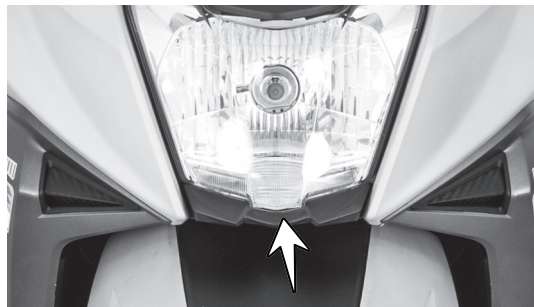
Before starting, ensure to turn 'ON' the engine kill switch. Release the electric starter switch immediately after the engine has started.

5. Engine kill switch**

It is used to switch off '⊗' the engine but to keep other DC system active. The ignition circuit is disabled, preventing the engine from being restarted. To reset the engine, return the switch to the '⊙' position.

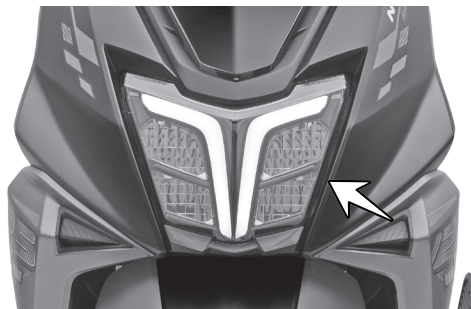
LED DAY TIME RUNNING LAMP (DRL)

TVS NTORQ 125 comes with a day time running LED lamp which glows automatically once the ignition is turned 'ON' and continue to glow with 50% intensity when the head lamp is turned 'ON'.



LED HEAD LAMP CUM POSITION LAMP WITH ALL TIME HEAD LAMP ON (AHO)*

TVS NTORQ 125 Race Edition comes with a LED head lamp cum position lamp. Position LED which glows automatically once the ignition is turned 'ON' and LED head lamp glows automatically when the engine is started, Only the head lamp beam (high/low) can be controlled by pressing the high/low beam switch.



* Applicable only for Race edition

FUEL TANK# CAP

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

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



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

Warning

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

Caution

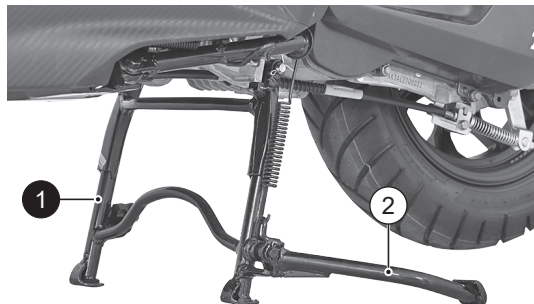
Ensure that the fuel gun is inserted fully in the tank neck while refueling.

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

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.

EFFORTLESS E-Z CENTRE STAND

TVS NTORQ 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) while ensuring that both the stand shoes are touching the ground, press the stand extension.



Caution

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

SIDE STAND (mandatory accessory)#



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

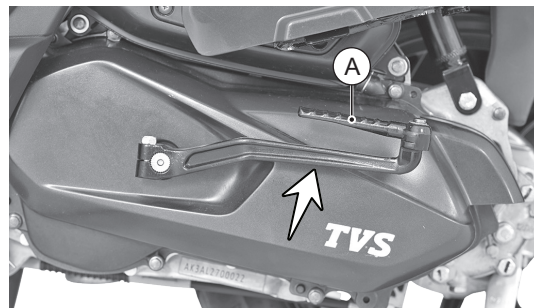
Warning

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

Mandatory accessory will be charged extra

KICK STARTER LEVER

The kick starter lever is located on the left side of the vehicle. To start the vehicle, park the vehicle on centre stand and keep the ignition in 'ON' condition. Move the lever extension (A) outwards and keep your foot on the lever extension. **Kick the lever from top and stroke to bottom with rapid motion.** Push back the lever extension to its original position once the vehicle is started.



Caution

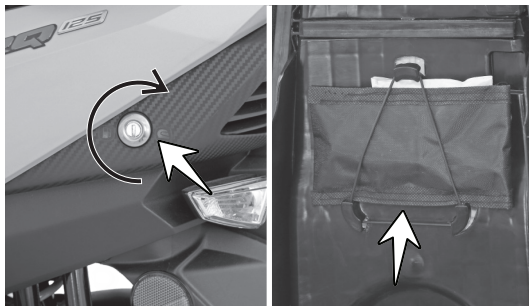
Put the vehicle on center stand before applying the kick starter lever to avoid kick lever hitting with center stand.

TOOL KIT AND FIRST AID KIT

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

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

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

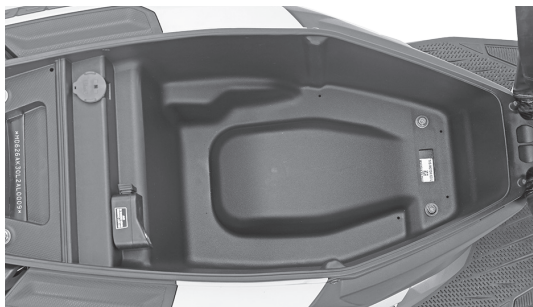


Caution

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

UTILITY BOX

Utility box is located below the seat. Lift the seat by unlocking the seat lock as explained in the previous page, to access the utility box.



Warning

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



Caution

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

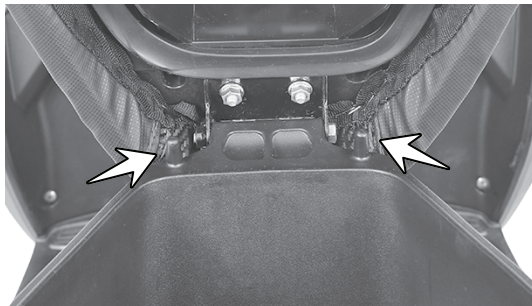
Do not carry perishable items inside the utility box. It is not fully sealed. Do not allow / spray water to get inside the utility box. Take care not to spill petrol or oil into the utility box.

Do not keep heat-sensitive items inside as it may get hot on long rides.

Do not keep valuable items inside the utility box when leaving the vehicle unattended.

HELMET HOOKS

Two helmet hooks are provided under the seat assembly at front end near the seat hinge to secure your helmet. Open the seat assembly (refer page no. 42) to access the helmet hooks. Hook the helmet strap in the helmet hook properly and close the seat assembly.

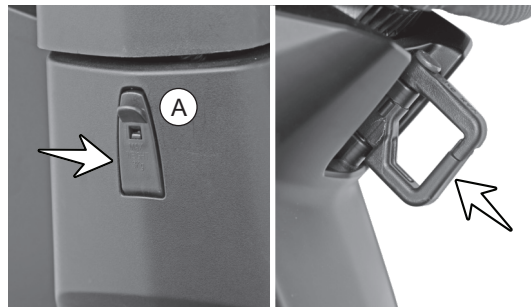


BAG HOOKS

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

Just pull out the hook from the top (A) to hang your luggage. Push back the hook once it is free.

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



Caution

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

SMART PHONE CHARGER CUM UTILITY BOX LIGHT[#]

All new smart phone charger cum utility box light has been provided in the utility box of your vehicle (refer page no. 43). 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. Ensure that the utility box light glass is not damaged while accessing the utilities.
3. Use the USB, if approved standard USB cable used for charging mobile.



4. Do make sure the flap is not damaged while opening / inserting the USB cable.

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 mobile phones. Only one mobile phone should be charged at a given time.
3. Do not slam / forcefully close the seat as it may permanently damage the utility box light switching mechanism.
4. Do not try to force the USB connector in, check whether it is inserted in the appropriate direction, to prevent the damage to the charger.
5. Do not charge your mobile when engine is off.



Caution

*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.***

[#] The smart phone charger cum utility box light will be a part of Disc Brake variant. For Drum Brake variant the same need to be purchased and fitted on the scooter.

PRE RIDE INSPECTION

Check the following items before riding

ITEM	WHAT TO CHECK FOR
Engine oil	Availability of oil upto the level (page no. 59)
Transmission oil	Availability of oil upto the level (page no. 60)
Fuel	Enough fuel for the planned distance of running
Tyres	Correct pressure (page no. 66) Adequate tread depth / No cracks or cuts.
Battery	Proper working of electric starter, horn, fuel gauge, pass by, brake lamp and turn signal lamps. Battery voltage (page no. 55)
Lighting	Proper working of head lamp high / low beam, DRL, high beam indicator, position lamp, connected instrument cluster back illumination, tail lamp and number plate lamp.
Steering	Smooth movement / no play or looseness
Throttle	Correct free play of cable / smooth operation
Brakes	Correct front / rear brake lever play (page no. 61) Availability of brake fluid** and proper working of brake (page no. 63)
Wheels	Free rotation of front and rear wheels

** Applicable only for Disc Brake version



STARTING THE ENGINE

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

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.

Caution

Do not keep the engine in idling rpm for long and do not open excessive throttle when the vehicle is on side stand or off stand with brakes applied condition. It leads to overheating of engine and damage to the internal components.

Warning

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

** Applicable only for Disc Brake version

Stopping and parking

1. Close the throttle completely and apply both the brakes simultaneously.
2. Turn engine kill switch to 'OFF' position.**
3. Turn the ignition 'OFF'.
4. Park the vehicle on a firm, flat surface.
5. Lock the steering and take out the control key.

Warning

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

FUEL RECOMMENDATION

Use E5 BS VI petrol only.

The petrol should be 85 to 95 octane by research method. 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.

CHECKS AND TIPS FOR IMPROVING FUEL ECONOMY

Regular checks

Carry out the periodic maintenance checks as specified in this manual (page no. 50).

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

Spark plug

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

Air cleaner element

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

Since foam and paper type air filter element is used in your scooter, it is recommended to clean the foam filter element using mild compressed air from inside **every 3000 kms**. Replace the filters incase found any abnormalities.

Engine oil and Transmission oil

Dirty or less engine oil increases the 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 and fuel loss.

Tyres

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

Inspect the tyre pressure regularly (weekly) and inflate it to the recommended pressure (refer page no. 66). 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 NTORQ 125 is dependent on several factors like road condition, quality of fuel, riding speed, operation of throttle and brake, tyre inflation, maintenance / timely servicing of vehicle, load etc.. and hence will differ from the mileage given under standard test conditions.

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 is used / operated in dusty area, 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 NTORQ 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 owner's manual.

In more dusty areas, the air filter elements required early inspection than the mentioned kilometers to avoid costly damages to the engine. If the elements are found with excessive dirt / clogged with dust, clean foam and paper elements using mild compressed air from inside. Replace the filters incase found any abnormalities.



PERIODIC MAINTENANCE SCHEDULE (months or km whichever occurs earlier)

Item	Service km Period from the date of sale	In free service				After free service		Remarks
		1st 500 - 750 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		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 (foam element)		I & C	I & C	I & C	I & C	I & C	–	Replace every 12000 km (as a set)
Air cleaner (paper element)		I	I	I	I	I	–	Replace every 12000 km (as a set)
Air cleaner oil collection tubes		–	I & DR	I & DR	I & DR	I & DR	–	Drain oil if necessary
CVT filter element ¹		–	–	I & C	–	–	I & C	Replace every 12000 km
Tappet clearance		I & A	–	I & A	–	–	I & A	Adjust if required
Drive belt and CVT rollers		–	–	–	–	–	–	Replace every 24000 km
Cover variator ³		–	–	I, C & L	–	–	I, C & L	
Clutch shoe		–	–	–	–	–	–	Replace every 24000 km
Hose fuel		–	–	–	–	–	–	Inspect every service after four years, replace if required.
Front and rear suspension		I	I	I	I	I	–	Inspect for proper functioning
All control cables ⁴		I, A & L	I, A & L	I, A & L	I, A & L	I, A & L	–	
Throttle grip		–	–	L	–	–	L	Lubricate using grease

¹ Inspect for damage

² Clean and adjust every 12000 km after first service

³ Clean the cover with air. Lubricate kick starter with Bechem grease

⁴ Inspect for proper operation and adjust play. Lubricate ends using grease

Contd...

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		I & A	–	–	–	–	–	C, L & A with fresh grease every 12000 km
Front fork oil		–	–	–	–	–	–	Replace every 24000 km
All fasteners		I & TI	I & TI	I & TI	I & TI	I & TI	–	
All bulbs, horn and switches		I	I	I	I	I	–	Inspect for proper functioning
Head lamp beam		I & A	I & A	I & A	I & A	I & A	–	
Battery voltage ⁵		I	I	I	I	I	–	
Brake effectiveness / play		I & A	I & A	I & A	I & A	I & A	–	Refer page No. 58 & 61 for details
Rear brake cam		–	–	C & L	–	–	C & L	Lubricate using grease
Brake pad wear**		I	I	I	I	I	–	Replace if necessary
Brake fluid**		I & T	I & T	I & T	I & T	I & T	–	Replace every 21000 km
Brake hose**		I	I	I	I	I	–	Replace every three years
Master cylinder cups**		–	–	–	–	–	–	Replace every 21000 km
Disc brake SBS cable play ⁶ **		I	I	I	I	I	–	Inspect for brake levers rattling
Wheel freeness		I	I	I	I	I	–	
Front wheel bearing		–	–	–	–	–	–	Lubricate using grease every 12000 km
Tyre pressure at cold condition		I & S	I & S	I & S	I & S	I & S	–	

⁵ Recharge if necessary with MF battery charger

Cont ...

⁶ Adjust if rattling play is observed in both the brake levers

** Applicable only for Disc Brake version



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	
Malfunction codes		I	I	I	I	I	–	
Evaporative emission control system		I	I	I	I	I	–	Check for intactness of hoses and canister
Fuel tank assembly**		I & C	I & C	I & C	I & C	I & C	–	
Centre / 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; DR - Drain; L - Lubricate; TI - Tighten; S - Set

*** Check for abnormal vehicle jerk / noise while opening the cap / leak. If found any, contact TVS Motor Company Authorised Main Dealer or Authorised Dealer.*

RECOMMENDED LUBRICANTS

APPLICATION	QTY	MANUFACTURER	BRAND
Engine oil	880 ml (during regular service) 930 ml (incase of disassembly)	TVS Motor Company	TVS TRU4 SKUUTA oil (SAE 10W30 API-SL, JASO MB)
Transmission oil	120 ml (during regular service) 130 ml (incase of disassembly)	-do-	-do-
Front fork oil	91 ± 1 cc / leg	IOC / HPCL	Gabriel front fork fluid
Disc brake fluid (only for Disc brake version)	–	TVS Girling	DOT 3 / DOT 4
Grease	–	Bharat petroleum IOC Bechem Kluber Lubrication	MP Grease no. 3 Servo Gem no. 3 Bechem premium 3 Kluber Centoplex 2

SELF - MAINTENANCE PROCEDURES

MAINTENANCE FREE (MF) Battery

Battery is located at the front side of vehicle inside the front panel. The front panel must be removed to access the battery in the following manner:

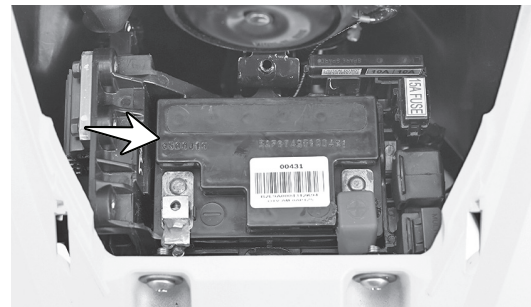
1. Remove the front panel mounting screws.
2. Gently pull out the front panel by dislocating its lugs.
3. Reassemble the parts in the reverse order of dismantling.

Since the maintenance free battery is fitted on 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:

1. 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.
2. Do not add any additional electrical accessories.
3. While connecting the terminals observe the correct polarity. Connect the red wire to the '+' terminal and black wire to the '-' terminal of the battery.



4. Petroleum jelly must be applied at terminals to prevent 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

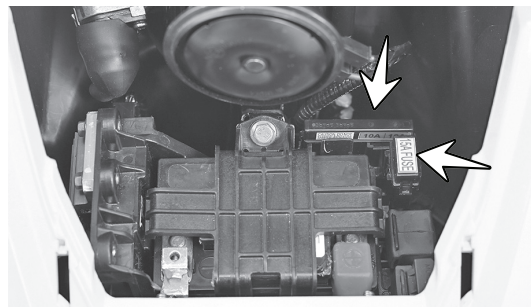
Never check the battery charge by shorting the terminals. Always connect the positive terminal first (red wire) and then negative (black wire) to avoid sparking.

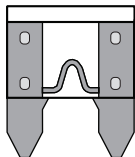
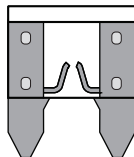
The inversion of the battery wires can damage the battery and the recharging system. Always connect the positive then negative to avoid sparking.

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 three blade type fuses (15A x 1 and 10A x 2) 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 case from the battery holder.
4. Open the fuse case and pull out the fuse.



Good Fuse

Blown Fuse


5. Inspect the fuse for failure. If found defective Replace the blown fuse with a new (extra fuses are provided in the wiring harness itself in a pouch).
6. Close and refit the fuse case back to its position.
7. Turn 'ON' the ignition lock and check for proper functioning of the electrical systems. In case the fuse fails again, consult the nearest TVS Motor Company Authorised Main Dealer / Authorised Dealer.


Caution

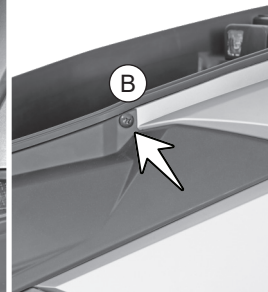
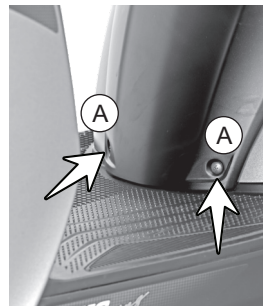
Do not use vehicle by shorting the wires without fuse. This may result in overheating of electrical items / wiring and may result in fire of vehicle.

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 bellow procedure to remove the cover front.

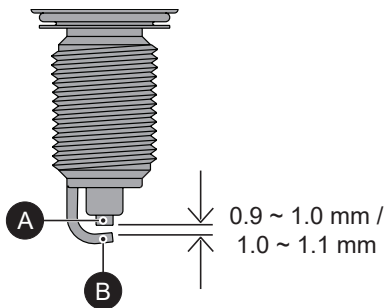
1. Remove the bottom mounting screws (A) of cover front.
2. Open the seat and remove the top mounting screws (B) from both the sides of cover front.
3. Gently pull out the cover front by dislocating its lugs.
4. Clean the dust and mud around the spark plug mounting to avoid falling inside the cylinder.



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 new. Visually inspect the spark plug gap. The gap should be **0.9 ~ 1.0 mm** for **UR5KCW** and **1.0 ~ 1.1 mm** for **UR5KCU**. If the gap is found to be more than the limit replace the spark plug with a new one.



After cleaning and inspecting 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.

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 cloth when the plug is removed to prevent entry of dust / water.

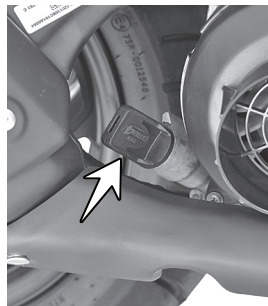
Do not try to adjust the spark plug as it may damage the plug. Replace the plug if the gap is found more.

It is advisable to tighten the new spark plug by hand till the end, using plug spanner tighten by 1/4 turn. Then loosen the plug by 1/8 turn and re-tighten using plug spanner.

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.



Caution

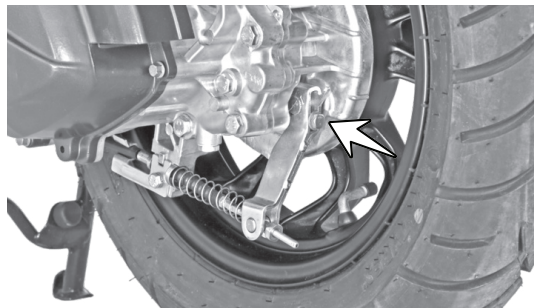
If the vehicle is driven with less engine oil, the engine components will be severely damaged.

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 SKUUTA oil only (SAE 10W30 API-SL, JASO MB)'.

TRANSMISSION OIL - LEVEL

Check the transmission oil level periodically.

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.
5. 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.
6. Wipe out the oil traces with a clean cloth to prevent dust accumulation.



7. Replace the fiber washer while reassembling the oil level screw.



Caution

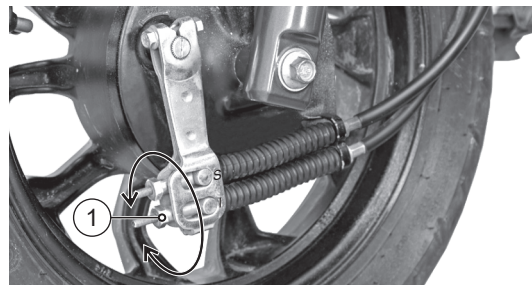
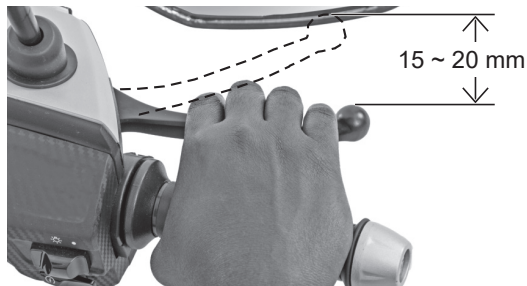
If the vehicle is driven with less transmission oil, the transmission components of engine will be severely damaged.

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 SKUUTA oil only (SAE 10W30 API-SL, JASO MB)'.

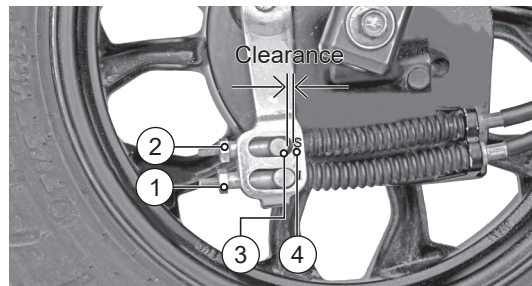
BRAKES

Front brake - Drum SBS type

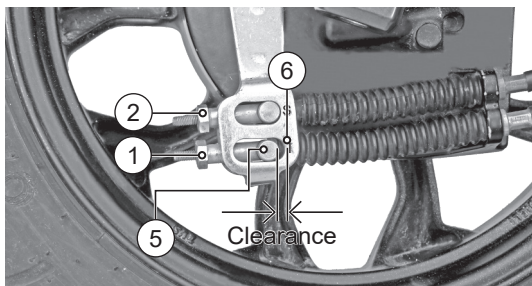
1. Measure the free play of the front brake lever at lever end as shown in the figure.
2. The free play of the lever before the engagement of brake should be between 15 ~ 20 mm.
3. If the play is not within the limit, turn the adjuster nut at the bottom side (1) in the slot marked as "I" in clockwise 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.



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



6. After adjusting the adjuster nut top, if any clearance is observed in between the bullet bottom (5) and the slot bottom (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.



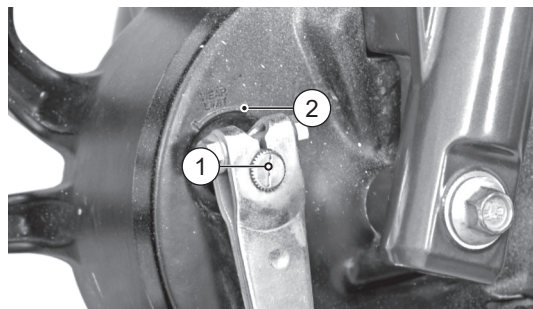
Warning

Since the vehicle is fitted with Synchronised Braking System (SBS) 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

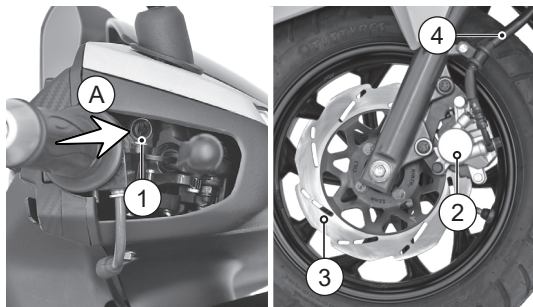
Replace the brake shoes as a set, if the wear limit indicator shows beyond the wear limit even after indexing the lever.

Front brake - Disc brake HBS type

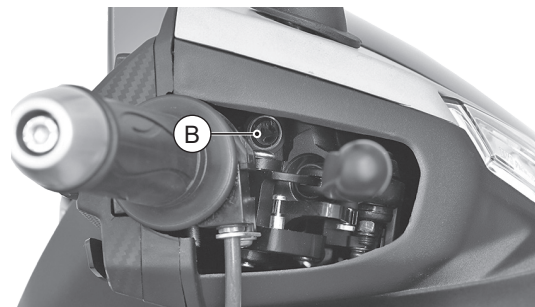
You can observe a master cylinder (1) right side of the handle bar under the head lamp housing.

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.

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



3. If the brake fluid level is below the mark or while applying brake if you feel the brake is more spongy or ineffective due to air entry, contact TVS Motor Company Authorised Main Dealer or Authorised Dealer for topping-up the brake fluid, air bleeding and other brake related inspections.

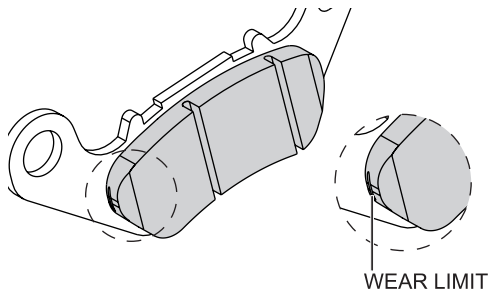


Caution

Master cylinder brake fluid level must be checked only when the master cylinder is parallel to the ground.

Brake pad wear indicator (Disc brake)

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.



Caution

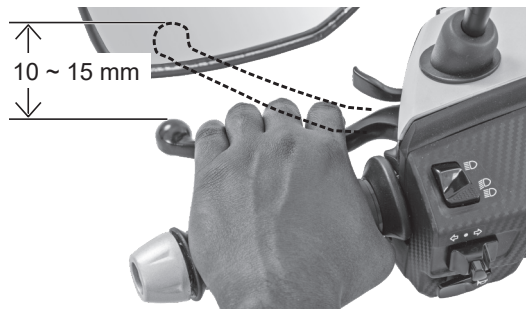
Replace the brake pads as a set, if the wear indicator shows beyond the wear limit.

Warning

Disc brake SBS cable need to be adjusted incase if rattling is found in both brake levers.

Rear brake (Drum brake)

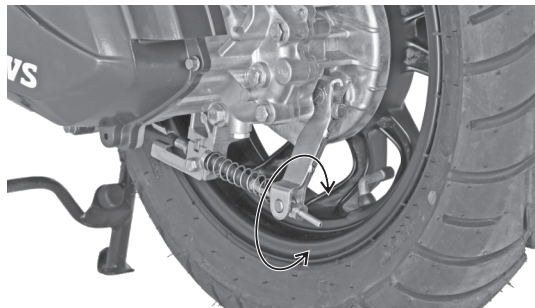
1. Measure the free play of the rear brake lever at the lever end as shown in the figure.
2. Free play of brake lever before the engagement of brake should be between 10 ~ 15 mm.
3. If the measured distance is more than the limit, adjust the nut provided at the rear wheel end to obtain the correct play.



Warning

Check front brake (drum brake type) and rear brake play periodically. However the brake play needs to be adjusted more frequently depending upon the usage.

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



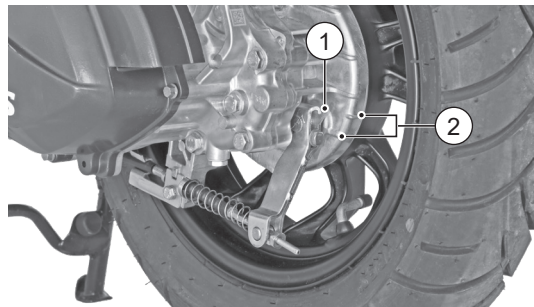
i Note

Please remember that the rear brake lever free play adjustment to be done only after adjusting the front brake lever play incase of SBS type brake (Drum type).

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

Tyre pressure

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

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

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

Tyre pressure in cold condition:

	Solo	Dual
Front	1.69 kg/cm ² (24 PSI)	1.69 kg/cm ² (24 PSI)
Rear	1.97 kg/cm ² (28 PSI)	2.53 kg/cm ² (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 tyre on the wheel rim, please ensure the following:

1. The front tyre (indicated by 'FOR FRONT FITMENT' on the tyre) should not be assembled to rear wheel rim.

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.

2. The arrow mark on the tyre should match the actual direction of rotation of wheel (both front and rear wheels).

Tyre puncture

Your scooter is fitted with a tubeless tyre on both front and rear wheel. In case of any puncture / tyre damage, it is advised to visit the nearest tyre manufacturer Dealer or the tyre repair shops who knows the repairing method of tubeless tyre.

It is not necessary to remove the tyre from wheel rim always to attend a puncture, Even though it 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.

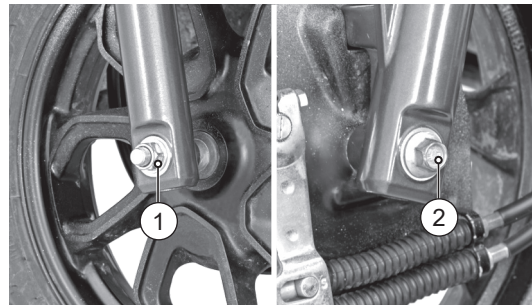
Caution

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

FRONT WHEEL REMOVAL AND REASSEMBLY

Drum brake

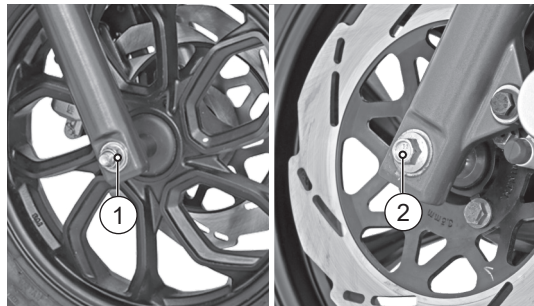
1. Remove the axle nut (1) along with a washer.
2. Pull out the axle (2) along with a washer and take out a spacer from the right side of the wheel.
3. Place a support below the foot board to prevent the vehicle from falling and lift the vehicle up.
4. Dislocate the wheel assembly along with brake the panel from front fork. Separate the brake panel from the wheel and take out the wheel.
5. Reverse the procedure for reassembling. While reassembling ensure to locate the lug on fork leg L to the slot in the brake panel.



FRONT WHEEL REMOVAL AND REASSEMBLY

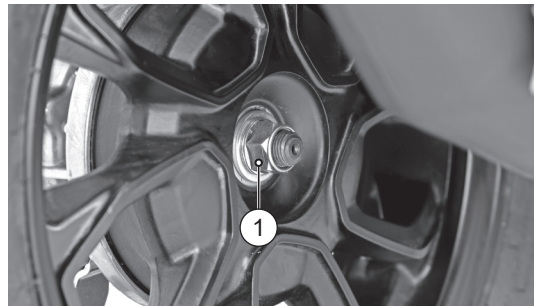
Disc brake

1. Remove the axle nut (1) along with a washer.
2. Pull out the axle (2) along with a washer and take out a spacer from the left side of the wheel.
3. Place a support below the foot board to prevent vehicle from falling and lift the vehicle up.
4. Dislocate the wheel disc from caliper assembly and take out the wheel along with hub drive.
5. Reverse the procedure for reassembling. Ensure the proper seating of wheel disc in the caliper assembly and lug on fork leg R to the slot in the hub drive while reassembling.



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 (1) 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.



Caution

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.
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. 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

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.

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 SKUTTA oil - SAE 10W30 API-SL, JASO MB) and check the oil level using gauge oil level.
4. Fill the transmission oil (TVS TRU4 SKUTTA oil - SAE 10W30 API-SL, JASO MB) 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.
8. Check and correct the points mentioned in page No. 46.
9. Turn the ignition switch to 'ON' position. Turn ON the engine kill switch (only in Disc brake) if required. Start the vehicle and ride out.



Caution

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



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 (not applicable for Race Edition) and turn signal lamp bulb each one.
 4. Throttle and rear brake cable each one.
 5. First aid kit.
- B) Precautions to be taken for the journey:
1. Ensure engine oil and transmission oil are up to the level.
 2. Adequate fuel in the fuel tank.
- C) Check your scooter for the following:
1. Tightness of all bolts and nuts with correct torque value.
 2. Fitness of tyres / tyre pressure / tread depth.
 3. All bulbs, indicators and horn functioning.
 4. Smooth functioning of all cables and their free play.
 5. Smoothness of steering operation.

6. Front / rear brake function and rear brake lamp working.
7. Front fork for any abnormality.
8. Spark plug gap and condition of spark plug.
9. Air filter element cleanliness.
10. Lubrication of all items mentioned in the periodic maintenance schedule.
11. Any other job as necessary.
12. Have your vehicle checked at any TVS Motor Company Authorised Main Dealer or Authorised Dealer. periodic maintenance schedule.



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 NTORQ 125 manufactured by the Company.

While the Company has taken every care to maintain quality in the manufacture of the TVS NTORQ 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 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.
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 Service Handbook for the concerned vehicle for verification of relevant details.
8. This is the only warranty given by the Company for the TVS NTORQ 125. 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

Incase of TATA GREEN battery, call :- 1800 419 8888

Incase of AMARON battery, call :- 1800 425 5858

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 & tear items	Chain, sprockets, clutch and brake linings, fasteners, shims, washers, oil seals, gaskets, O' rings and spokes etc.
Electrical	Bulbs , fuse, DRL, AHO
Service Maintenance Parts	Oil filters, spark plug, air filter, SAI filter, oils and brake fluid
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 paid service is not availed when it falls due (at TVS Motor Company Authorised Main Dealer / Authorised Dealer).
	Vehicles sold or transferred by original retail purchaser. Vehicles used for racing or any competition or used otherwise than for ordinary personal transportation. Vehicles attached with side cars etc. Vehicles which have been taken out of India. Vehicles affected by natural calamities like flood, earthquake, tsunami, storm etc,.
	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.

SERVICE INFORMATION

There are seventeen services for TVS NTORQ 125 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. 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 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 NTORQ 125 performing good. **Please note that carrying out the services 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



TECHNICAL SPECIFICATIONS



MANUFACTURER : TVS MOTOR COMPANY LIMITED
P.B. No1, Bythahalli, Kadakola post, Mysore - 571 311, India.

ENGINE

Type : Single cylinder, 4 stroke, fuel injection, air cooled, spark ignition engine

Cylinder bore : 53.5 mm

Stroke : 55.5 mm

Piston displacement : 124.8 cc

Compression ratio : 10.3 : 1

Air filter : Dry paper filter with dry foam

Oil filter : Wire mesh

Lubrication system : Forced wet sump

Maximum power in kW : 6.9 @ 7000 rpm

Maximum torque in Nm : 10.5 @ 5500 rpm

Maximum speed : 94 km / h

Engine idling rpm[†] : 1500 ± 100 rpm

Starting system : Electric starter / kick starter

Emission norms : BSVI

TRANSMISSION

Clutch : Dry - Centrifugal clutch

Primary transmission : CVT (Continuous Variable Transmission)

Primary reduction : 2.65 to 0.8

Secondary reduction : 9.085

CHASSIS

Overall length : 1861 mm

Overall width : 710 mm

Overall height : 1164 mm

Ground clearance : 155 mm (unladen)

Wheel base : 1285 mm

Kerb weight (with toolkit and 90% of fuel) : 118 kg

Pay load : 130 kg

Maximum laden weight : 248 kg

Frame : Under bone tubular frame

Front suspension : Telescopic hydraulic

Rear suspension : Toggle link, gas filled hydraulic damper

[†] Under warm condition

TYRE

Tyre size

Front	: 100/80 - 12 56L Tubeless
Rear	: 110/80 - 12 61L Tubeless

Tyre pressure

Front	: 1.69 kg/cm ² (24 PSI)
Rear - solo	: 1.97 kg/cm ² (28 PSI)
Rear - dual	: 2.53 kg/cm ² (36 PSI)

BRAKES

Front (Disc)**	: 220 mm dia Disc (hand operated)
Front (Drum)	: 130 mm dia Drum (hand operated)
Rear	: 130 mm dia Drum (hand operated)

ELECTRICAL

Ignition system	: ECU controlled ignition
Spark plug	: BOSCH - UR5KCW / CHAMPION - RG8MC4
Spark plug gap	: 0.9 to 1.0 mm / 1.0 to 1.1 mm
Battery type	: 12V, 4Ah Maintenance free battery
Generator	: Fly wheel magneto 12V, 130W

Head lamp with DRL	: Halogen HS1 12V, 35/35W (TVS NTORQ 125)
Head lamp with AHO	: 12V, LED* (TVS NTORQ 125 Race Edition)
DRL / Position lamp	: 12V, LED
Tail / brake lamp	: 12V, 1/2W LED
Turn signal lamp	: 12V, 10W x 4
Number plate lamp	: 12V, 5W
Instrument cluster	: LCD / LED indicators
Horn	: 12V, 2.5A DC
Fuse	: 15A x 1 (Blade type) 10A x 2 (Blade type)



Caution

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

* Applicable only for Race edition

** Applicable only for Disc Brake version

CAPACITIES

Fuel tank capacity [#]	: 5.8 l
Fuel	: BS IV / Unleaded petrol
Engine oil grade	: TVS TRU4 SKUUTA oil (SAE 10W30 API-SL, JASO MB)
Engine oil capacity	: 880 ml (after draining) 930ml (after disassembly)
Transmission oil capacity	: 120 ml (after draining) 130ml (after disassembly)
Front fork oil grade	: Gabriel Premium front fork oil
Front fork oil capacity	: 91 ± 1 cc per leg
Brake fluid ^{**}	: TVS Girling DOT 3 / DOT 4

Note

Specifications are subject to change without notice.

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

^{**} Applicable only for Disc Brake version



Drive In.

Drive Out.



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

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

[†]Facility available at selected Dealerships only. Terms and conditions apply





Busy Life? Easy Servicing!

Now, service your bike anywhere, anytime.

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

Contact your nearest Dealership for details.[†]

[†]Facility available at selected Dealerships only. Terms and conditions apply



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[†]Facility available at selected Dealerships only. Terms and conditions apply



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:

