

**PRE RIDE INSPECTION**

Check the following items before riding.

<b>ITEM</b>	<b>WHAT TO CHECK FOR</b>
Engine oil	Availability of oil upto the level (page no. 40)
Transmission oil	Availability of oil upto the level (page no. 40)
Fuel	Enough fuel for the planned distance of running
Tyres	Correct pressure (page no. 46) Adequate tread depth No cracks or cuts.
Battery	Proper working of electric starter, horn, fuel gauge, brake lamp and turn signal lamps. Electrolyte level (page no. 37)
Lighting	Proper working of head lamp high / low beam, high beam indicator, position lamp, speedometer lamp, tail lamp and number plate lamp.
Steering	Smooth movement No play or looseness
Throttle	Correct free play of cable Smooth operation
Brakes	Correct front and rear brake lever play incase of drum brake (page no. 41,44 & 45) Brake fluid level / pad wear in front and correct lever play in rear incase of disc brake (page no. 43 & 44)
Wheels	Free rotation

## RIDING YOUR TVS WEGO



### Starting the engine

Ensure availability of fuel in the fuel tank. Insert the control key into the ignition cum steering lock and turn it to the 'ON' position.

Apply any one of the brake and press the electric starter switch to start electrically or kick start the engine.

### When the engine is cold

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

### Setting the vehicle in motion

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

### Warning

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

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

### Caution

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

### Stopping and parking

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

### Warning

*Reduce speed to a safe limit before turning / cornering. It is not advisable to apply brakes while turning / cornering.*

### FUEL RECOMMENDATION

Use unleaded petrol only.

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

#### **Caution**

*Do not mix oil with petrol. Always fill fuel from the reputed and reliable fuel stations.*

#### **Note**

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

### CHECKS AND TIPS FOR IMPROVING FUEL ECONOMY

#### **Regular checks**

Carry out the periodic maintenance checks as specified in this manual (page no. 31 and 32).

Regular maintenance checks will save fuel and assure 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 gap only if necessary. **Replace the spark plug every 12000 km (1 year). Always use recommended spark plug only.**

#### **Air cleaner element**

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

#### **Engine oil and transmission oil**

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

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

Regularly inspect the engine oil and the transmission oil for correct level and top-up if necessary. Get it

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replaced at regular intervals as per the maintenance schedule.

### **Fuel leak**

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

### **Evaporation**

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

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

### **Tyres**

Low tyre pressure has adverse effect on 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. 43).

Never use tyres which are wornout beyond the permissible limit.

### **Wheel freeness**

Inspect and ensure the wheel freeness by rotating with the wheels at least once 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 to clutch shoes wear and wastage of fuel.