



Owners Manual

ME 000001

© PT TVS Motor Company Indonesia

PREFACE

Dear TVS Max 125 Owner,

Congratulations!

Welcome to the family of satisfied TVS Customers across the world by choosing TVS Max 125.

This manual explains about the features and benefits of your motor sport. Please thoroughly familiarise this manual before you start.

Maintenance is extremely important to let your Max 125 deliver the maximum performance to you. Please get you Max 125 maintained from any TVS Authorized Dealer / PGM / Service Outlets.

We are delightful to welcome you into our ever expanding happy family.

Thank you for choosing TVS Max 125 .

Happy riding,

PT. TVS Motor Company Indonesia

SPECIFICATION**1**
SPECIFICATION**ENGINE**

Type	4 Stroke
Bore	57 mm
Stroke	48.8 mm
Piston displacement	124.53 cc
Compression ratio	9.4 (3)
Carburettor	UCAL BS-26
Air Filter	Paper filter
Oil Filter	Wire filter
Lubrication system	Oil throchoid pump
Maximum power	8.10 (0.4) KW@8000 Rpm
Maximum torque	10.8 (0.4) Nm
Engine idling	1400 ± 100 rpm
Starting system	Electrik start & kick start

TRANSMISSION

Clutch	Wet type plate, manually operated
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SPECIFICATION

Gear shift lever	4 to the Top
Primary gears	Helical gears
secondary gears	Chain sprocket

GEAR RATIO

1st gear	3.273
2nd gear	1.750
3rd gear	1.238
4th gear	0.958
Primary reduction	65/20 (3.25)
Secondary reduction	45/14 (3.214)

CHASSIS

	STD	Semi Trail
Overall length	2000 mm	2025 mm
Overall width	740 mm	
Overall height	1070 mm	1075 mm
Seat height	802 mm	804 mm
Distance to the ground	185 mm	197 mm
Axle wick	1265 mm	

Vehicle weight
Load
Maximum payload
Steering angle
Caster angle
Frame
Front Suspension
Rear Suspension
Trail
Turning Radius

STD	Semi Trail	
	105.3 kg	
	130 kg	
	236.3 kg	
	Left 44°, Right 44°	
25.2°	26.6°	
	Diamond tube	
	Telescopic	
	Ganda, Hidrolis	
68,5	88,4	
	2185	

TIRE

Front
Rear

TIRE PRESSURE

Front alone	1.75 kg/cm² (29 PSI)
Rear olone	2.00 kg/cm² (30 PSI)
Front tandem	1.75 kg/cm² (29 PSI)
Rear tandem	2.25 kg/cm² (33 PSI)

STD	Semi Trail	
	SW	CW
2.75 x 17	70 / 100 x 19	2.75 x 17
90 / 90 x 17	90 / 100 x 16	3.00 x 17

SPECIFICATION**BREAK**

Front	Disk, 240 mm
Rear	Drum 130 mm dia.

ELECTRICAL

Type	Generator AC
Ignition system	IDI - DC
Sparkplug	BOSCH UR4KC
Battery type	Lead Acid Battery 5Ah
Generator	Fly Wheel magneto, 12V, 100W
Head lamp	Halogen HS 12V, 35/35W x 1
Dusk lamp	12V, 3W
Tail/brake lamp	12V, 4W
Turn signal lamp	12V, 10W
Plate number lamp	12V, 4W
Instrument lamp	12V, 3.4W
Horn	12V DC x 1 pcs
Fuse	12V, 10A x 1 pcs

CAPACITIES

Fuel tank capacity	15.0 liters
Reserve	2.5 liters
Engine oil	TVS TRU4 oil
Oil grade	SAE20W40
Oil capacity	1000 ml (Periodic)
Oil capacity	1100 ml (Overhaul)
Front fork oil	DOT 3 / DOT 4

2

IMPORTANT
INFORMATION

Safety is very important. Running the vehicle safely is an important responsibility. To help you maintain safety, we have provided operating procedures information and other information in this ini.Informasi guidebooks warn you of potential hazards that could injure you or others. Since it is impossible to warn you about all hazards associated with the operation or maintenance of the vehicle, make sure your safety in driving.

You will find important safety information in this manual in the following form. The meaning of each is as follows :

**WARNING**

Disregarding the message might result in serious injury to the rider

**CAUTION**

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

**NOTE**

This provides further clarification for cleaner understanding of any particular information

IMPORTANT INFORMATION

USE BEGINNING (INFORMATION RUNNING-IN)

The first 1,000 miles is a crucial part of the Max 125. Proper way to run during this period helps ensure longer life and smooth performance of your motorcycle.

The reliability and performance of the Max 125 depending on the specific treatment and control carried out during the initial period. It's important that you avoid the operation of the machine in a way that could force the engine components are in pressure overload. The maximum speed recommended during initial use is :

Until 1.000 km	Max. 50 km/h
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3**KNOW
ABOUT
YOUR MAX 125****VEHICLE IDENTIFICATION NUMBER (VIN)****Frame Number**

Frame serial number is located on the left side of the steering pipe.

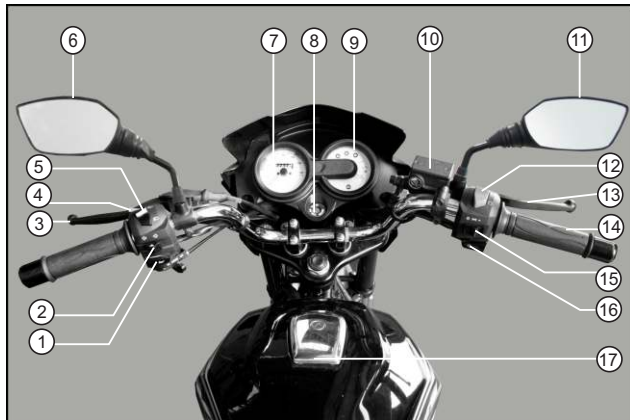
Engine Number

Engine number is engraved on the center side crankcase of engine as shown in fig.



KNOW ABOUT YOUR MAX 125

INSTRUMENT PANEL - HANDLE BAR



Description :

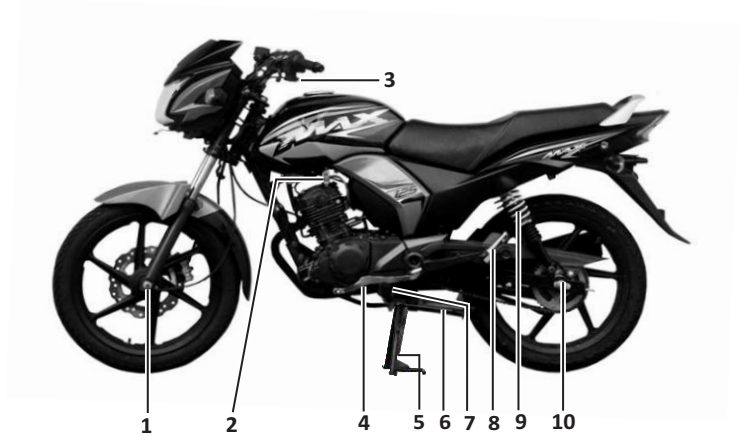
1. Horn switch
2. Turn signal lamp switch
3. Clutch lever
4. Pass by switch (dimmer)
5. High / low beam switch
6. Rear view mirror L
7. Speedometer
8. Ignition lock
9. Instrument cluster
10. Brake master
11. Rear view mirror R
12. Engine stop
13. Front brake lever
14. Grip
15. Head lamp ON / OFF switch
16. Electric starter switch
17. Fuel tank cap

KNOW ABOUT YOUR MAX 125

LOCATION OF PARTS - SIDE VIEW L

Description:

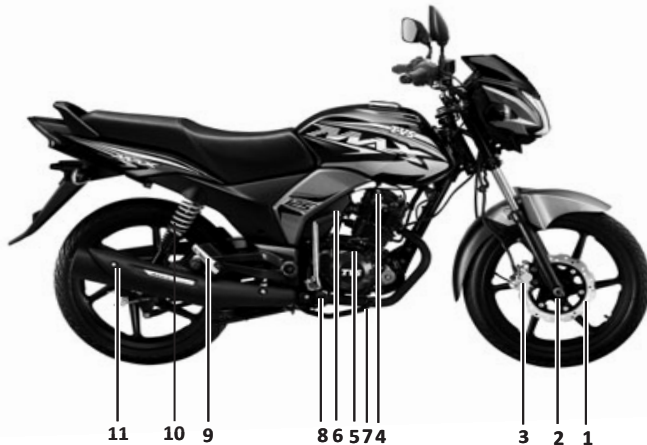
1. Axle front
2. Fuel cock
3. Choke lever
4. Gear shift lever
5. Center stand
6. Side stand
7. Rider footrest L
8. Pillion footrest L
9. Shock absorber L
10. Axle rear



*Photo taken from Max 125 STD

KNOW ABOUT YOUR MAX 125

LOCATION OF PARTS - SIDE VIEW R



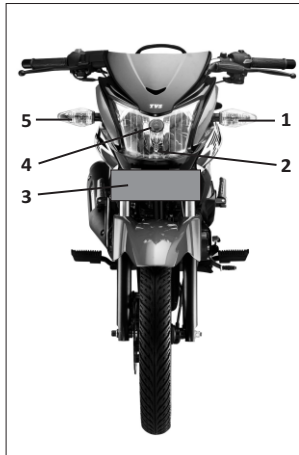
Description:

1. Disk brake
2. Axle front
3. Caliper brake
4. Spark plug
5. Gauge oil level
6. Kick starter lever
7. Rear brake pedal
8. Rider footrest R
9. Pillion footrest R
10. Shock absorber R
11. Muffler

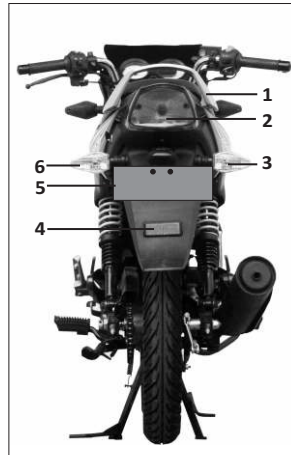
*Photo taken from Max 125 STD

KNOW ABOUT YOUR MAX 125

LOCATION OF PARTS - FRONT AND REAR VIEW



Front View



Rear View

Front View

1. Turn signal lamp front L
2. City lamp
3. Number plate front
4. Position lamps
5. Turn signal lamp front R

Rear view

1. Pillion handle
2. Tail lamp
3. Turn signal lamp rear R
4. Reflektor
5. Number plate rear
6. Turn signal lamp rear L

*Photo taken from Max 125 STD

KNOW ABOUT YOUR MAX 125

IGNITION/STEERING LOCK

TVS Max 125 comes with a set of two keys. Both can be used to operate ignition lock, steering lock, fuel tank cap and seat lock.

IGNITION LOCK AT ONCE STEERING LOCK

Ignition lock have three position :

Position 'OFF'

All electrical circuits are at the 'OFF' (dead). The keys can be revoked.



Position 'ON'

In this position you can start the engine, when the engine dies then you can just turn the lights on dusk, brake lights and horn and when the machine is turned on, you will be able to turn on the lights dusk, headlights, brake lights and horn. Ignition key can not be removed when the contacts in the 'ON' position.

Position 'LOCK'

Max 125 is equipped with handlebar lock feature in two directions (left or right). To lock the handlebars, point to one of the steering handlebar left or right. Navigate the ignition key to 'OFF'. Press the key and change to 'LOCK'. Then remove the key.



Never move the vehicle when the steering handlebar is locked, you can lose your balance.

KNOW ABOUT YOUR MAX 125



Do not leave the ignition key to the 'ON' position when the motor is not used because it would drain the battery current, disconnect the ignition when the motor is not use.

SPEEDOMETER INDICATOR

1. Light Indicator

When the high beam is on (in the 'ON' position), then the high beam indicator will light up blue.



2. Neutral Indicator (N)

The green light will turn on when the vehicle is in neutral and the ignition in the 'ON' position. This lamp will not light if a tooth.

3. Turn Signal Lamp Indicator

When pressing the turn signal to the right or to the left, turn signal indicator light will blink.

4. Fuel Tank Indicator

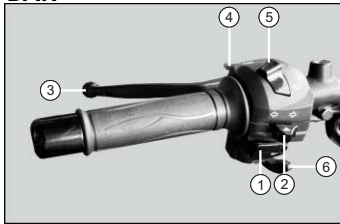
Fuel tank indicator shows the estimated amount of fuel in the tank.

5. Speedometer

Shows the speed of the vehicle speed in units of kilometers per hour.

KNOW ABOUT YOUR MAX 125

HANDLE BAR





handle bar left side

1. Horn switch

press the button '  ' for sound horn.

2. Turn signal lamp switch

When turn signal switch is directed to the right '  ' or left '  ', the turn signal indicator will light related. Press the switch to turn off the turn signal.

3. Clutch lever



Use the clutch lever to release the gear to gear while moving the gear.

4. Pass by switch (dimmer)


Dimmer switch is to turn on the headlights. Press it repeatedly when following another vehicle at daylight.

Head lamp can be operated by pressing the dimmer switch, while keeping fixed the ignition key in the 'ON' position, even when the machine is not working.

5. High / low beam switch

press button '  ' to operate the lamp next to the remote position and navigate to '  ' to operate the lamp near.

6. Choke lever

Pull choke lever '  ' to the left to operate the choke. The lever will return to its original position automatically when released.

KNOW ABOUT YOUR MAX 125

WARNING

Always use the choke when the engine is cold conditions. Never open the throttle when the choke is used, this can cause carburetor flooding and difficult to machine starting.

Use high beam / close accordance with traffic conditions and road for your safety and to avoid inconvenience to other motorists.


Always use your turn signal when changing lanes or turning mean. Always be sure to 'OFF' after the turn signal to change lanes.

NOTE

In cold conditions when the engine bypassing the electric starter and kick starter. Example use is in the morning. This will reduce the load on the battery and make the battery last longer.

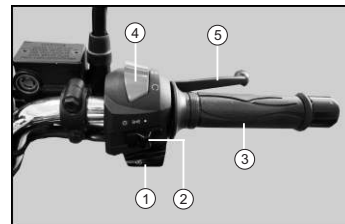
HANDLE BAR RIGHT SIDE

1. Starter Switch

Starter button () is located below the headlight switch. Press this button to start the engine with the transmission in electrically neutral or with the clutch lever pressing back when the transmission in gear.

2. Headlamp control switch

The switch to operate head lamp is given on right side.



Handle Bar Right Side

KNOW ABOUT YOUR MAX 125

It has three positions as shown below :

' ● ', ' ≡ ≡ ≡ ' and ' ☀ '.

Work lights in various positions are as follows :

OFF : Front lights, small lights, lights instrument panel, rear lights and the number plate lights button in the ' ● ' though the ignition key in 'ON' position and engine running, lights -lights not working.

POSITION : Small lights, instrument panel lights and rear lights license plate light illuminates when the button is positioned on the ' ≡ ≡ ≡ ' and the engine running.



ON : Front lights, small lights, instrument panel lights, rear lights and number plate lights illuminate when the key position ' ☀ ' with the ignition key in the 'ON' position and engine running..

3. Throttle grip

Engine speed is controlled by the throttle position. Turn the throttle toward you to increase the engine speed. Turn in the direction away from your grip or release the gas to lower the engine speed.

KNOW ABOUT YOUR MAX 125

4. Engine stop

To turn off the engine but makes the battery remains active, press the switch to position “  ”. To start the engine, press the switch in the direction “  ”.

5. Brake lever

front brake is activated by pressing the front brake lever gently toward the throttle. Brake lights will light up on the front brake use.

 **WARNING**

Avoid spills fuel on a hot engine. Never refuel near the flames. Do not smoke and use a mobile phone while refueling.

 **CAUTION**

When the motorcycle refuel, fill up the fuel tank neck position. Filling the tank on top of the neck can cause air circulation in the fuel tank is interrupted.

FUEL TANK CAP

To open the tank lid MAX 125 , a key input into the keyhole and turn it clockwise. Pull the ends of the tank along with the key.

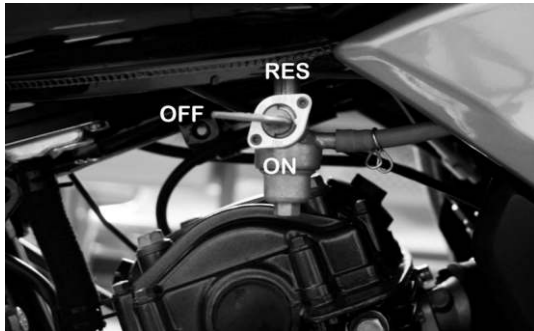
To close, press gently and remove the tank with the key..



Fuel Tank Cap

KNOW ABOUT YOUR MAX 125

FUEL COCK



Position Fuel Cock

Fuel cock has three positions following:

- ON** : Fuel flow in this position when fuel is above the limit in the reserve tank.
- RES** : Move the fuel cock lever in this position when the fuel stops flowing in the 'ON' position.

OFF : Fuel does not flow from the tank to the carburetor.

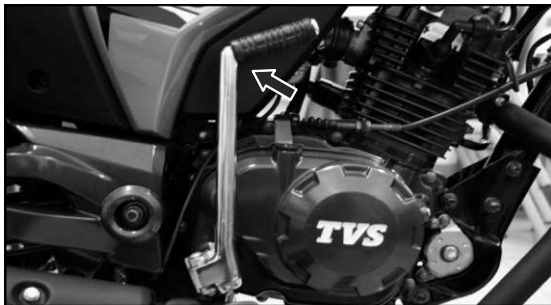
 **CAUTION**

Leaving the fuel valves in the position 'ON' or 'RESERVE' can cause an empty fuel tank without fuel reserves. Do not place the fuel lever between 'ON' and 'OFF' because they can spend the entire fuel when driving.

KNOW ABOUT YOUR MAX 125

KICK STARTER LEVER

Kick starter lever located on the right side of the machine. Machine can be turned on with the starter lever stamped with the ignition key in the 'ON' position.



Kick Starter Lever

GEAR SHIFTING LEVER

MAX 125 equipped with a transmission system with 4 levels of speed. Press the shift lever down to move the gear.

After selecting gears, gear shifting lever will return to its normal position, ready to select the next gear.



Gear Shifting Lever



NOTE

Vehicles can be turned in any gear position by pressing the clutch lever and powered through electric starter.

KNOW ABOUT YOUR MAX 125

Every time shifting into a higher gear in stages from the neutral position, can be done by pulling the clutch lever and shift lever pressing back.



Turn on the vehicle when the transmission neutral.



Brakes are part of safety and should always be treated in a proper way.

REAR BRAKE PEDAL

Rear brake pedal is located on the right side of the vehicle. Press the rear brake pedal with your right foot while using the rear brake. Rear brake light also comes on when the rear brake is used.

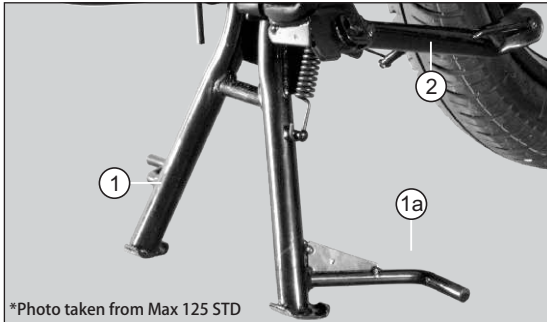


Rear Brake Pedal

KNOW ABOUT YOUR MAX 125

CENTERSTAND

MAX 125 is equipped with a middle and sides standard. To park the vehicle with a middle standard, hold the steering handlebar left with the left hand and the left stirrup with the right hand.



- 1. Center stand** **1a. Stand connection**
2. Side stand

Put your feet in the middle of a standard connection and press with a considerable effort to make sure both feet touch the ground before pressing the middle of the stand.

Side stand can be used with your left leg by pushing.



WARNING

Always return to its original position next to stand before moving the vehicle



CAUTION

Do not occupying the vehicle if using the standard sumpingSelalu standard return side into position before moving vehicle. Always park the vehicle on a flat surface.

KNOW ABOUT YOUR MAX 125

Series Dual Spring suspension

Takes care of your comfort ride every time, on road or off road no worries.



Raised Front Fender (For Semi Trail)

Allows you to ride on bad, slushy roads without mud or clay getting stuck on the fender.



*Photo taken from Max Semi Trail Spoke wheel

5 Maintenance

MAINTENANCE SCHEDULE

Maintenance schedule indicates the interval between periodic servicing. At the end of each interval, be sure to inspect, examine, replace, set (set), lubricating and servicing as instructed. If treatment is not done periodically, it will result in a short life and severe damage to the vehicle. If the vehicle is used in high pressure conditions such as the use of continuous full gas or run in a dusty atmosphere, then, certain jobs have to be done more frequently to ensure the reliability of the vehicle. Cylinder heads, control components, suspension, wheels and chain components, etc., Are important items and require highly specialized service and meticulous. PT TVS Motor Company Indonesia strongly recommends that the jobs and schedule maintenance performed by the dealer / Official Workshop PT TVS Motor Company Indonesia.

Periodic inspections may find one or more components that need to be replaced. When replacing parts MAX 125, it is recommended that you use only genuine spare parts of PT TVS Motor Company Indonesia.



CAUTION

The use of early (running-in) and appropriate treatment is imperative to ensure that the vehicle you are reliable and provide optimum performance at all times. Ensure that regular maintenance is done thoroughly in accordance with the instructions provided in the owner's manual.

MAINTENANCE

SCHEDULE OF PERIODIC MAINTENANCE FREE SERVICE (months or km, whichever comes first)

Periode Km	1 month	4 month	7 month	10 month
	1.000	4.000	7.000	10.000
Engine oil	R	R	R	R
Engine oil carter	I & C	I & C	I & C	I & C
Spark plug	C	C	C	C
Compression pressure	-	-	I	-
Air filter element	I	I	I	I
Breathing pipe machine	-	C	C	C
Carburettor assy	-	C & A	C & A	C & A
Valve & tappet clearance	I & A	I & A	I & A	I & A
Sediment bowl fuel cock	C	C	C	C
Clutch cable	I & A	I & A	I & A	I & A
Throttle cable	-	I & A	I & A	I & A
Steering play	I & A	I & A	I & A	I & A
All fasteners	I & A	I & A	I & A	I & A
Chain drive	C, L & A	C, L & A	C, L & A	C, L & A

MAINTENANCE

Period Km	1 month	4 month	7 month	10 month
	1.000	4.000	7.000	10.000
All light bulbs and horn	I	I	I	I
Light far / near	I & A	I & A	I & A	I & A
Battery electrolyte level	I & T	I & T	I & T	I & T
Specific gravity and voltage	I	I	I	I
Brake	I & A	I & A	I & A	I & A
Tire (air pressure)	I & A	I & A	I & A	I & A
Engine rotation / idling	I & A	I & A	I & A	I & A

R = Replace; I = Inspect; C = Clean; A = Adjust; L = Lubricate; T = Top up

MAINTENANCE

SCHEDULE OF PERIODIC MAINTENANCE FREE SERVICE (months or km, whichever comes first)

Period Km	13 month	16 month	19 month	22 month	25 month	28 month	31 month	34 month
	13.000	16.000	19.000	22.000	25.000	28.000	31.000	34.000
Engine oil	R	R	R	R	R	R	R	R
Engine oil carter	I & C	I & C	I & C	I & C	I & C	I & C	I & C	I & C
Spark plug	R	C	C	C	R	C	C	C
Compression pressure	-	I	I	I	I	I	I	I
Air filter element	R	I	I	I	R	I	I	I
Breathing pipe machine	C	C	C	C	C	C	C	C
Carburettor assy	C & A	C & A	C & A	C & A	C & A	C & A	C & A	C & A
Valve & tappet clearance	I & A	I & A	I & A	I & A	I & A	I & A	I & A	I & A
Sediment bowl fuel cock	C	C	C	C	C	C	C	C
Clutch cable	I & A	I & A	I & A	I & A	I & A	I & A	I & A	I & A
Throttle cable	I & A	I & A	I & A	I & A	I & A	I & A	I & A	I & A
Steering play	I & A	I & A	I & A	I & A	I & A	I & A	I & A	I & A
Front fork oil	-	-	R	-	-	-	-	-

MAINTENANCE

Period Km	13 month	16 month	19 month	22 month	25 month	28 month	31 month	34 month
	13.000	16.000	19.000	22.000	25.000	28.000	31.000	34.000
All fasteners	I & A	I & A	I & A	I & A	I & A	I & A	I & A	I & A
Chain drive	C, L & A	-	-	-	-	-	-	-
All light bulbs and horn	I	I	I	I	I	I	I	I
Light far / near	I & A	I & A	I & A	I & A	I & A	I & A	I & A	I & A
Battery electrolyte level	I & T	I & T	I & T	I & T	I & T	I & T	I & T	I & T
Specific gravity and voltage	I	I	I	I	I	I	I	I
Brake	I & A	-	-	-	-	-	-	-
Tire (air pressure)	I & A	-	-	-	-	-	-	-
%CO stasioner	I & A	-	-	-	-	-	-	-

R = Replace; I = Inspect; C = Clean; A = Adjust; L = Lubricate; T = Top up

Schedule the above treatments are given during the warranty period. In the post-warranty maintenance service is recommended to be done by a similar interval for the sake of the good performance of your vehicle.

MAINTENANCE

LUBRICATION SCHEDULE

Interval	First	Every	Every	Every
Item	1.000	4.000	7.000	10.000
Throttle grip	-	-	-	Grease
Speedometer gear	-	-	-	Grease
Speedometer cable	-	-	-	Grease
Cam brake	-	-	Grease	Grease
Chain drive	Grease every year			
Shaft comp. brake pedal	I	I	I	I
Lever kick starter	I & A	-	-	-
Steering	Grease every year			
Bush swing arm	Grease every 2 year			
Disk brake, cable clutch and throttle	Grease			

RECOMENDATION LUBRICATION

Application	Capacity	Manufacturer	Brand
Engine oil	1000 ml	PT. TVS Motor Company Indonesia	TVS TRU4
Front fork oil	140 ± 2.5 ml	Castrol	Teleshockab oil
Dis brake oil	-	DOT3 / DOT4	

MAINTENANCE

AIR FILTER

If the air filter is clogged dust, which received resistance will increase the resultant decrease in power and increase in fuel use. Check and replace air filters as scheduled maintenance. But on the dusty road conditions, replacement should be performed more frequently according to the procedure.



Air filter location

Air filter release

1. Remove the left cover cap.
2. Loosen the four screws and remove the air filter box.
3. Pull the paper filter element of primary and secondary foam.



ATTENTION

Never operate the engine without the air filter element in position. Lifespan of the engine is largely dependent on the air filter.

Before and during cleaning, carefully check the air filter element if there is a tear. Elements of torn air filter should be replaced with a new one.

MAINTENANCE

SPARK PLUG

Spark plugs with carbon deposits will not produce a strong fire eruption. Therefore according to schedule or when needed to clean carbon deposits from the spark plug with a wire brush or cleaning tool plugs.

Replace spark plugs every 13000 miles. Carbon deposits on the tip of porcelain and color show you if the combustion engine is good or not.

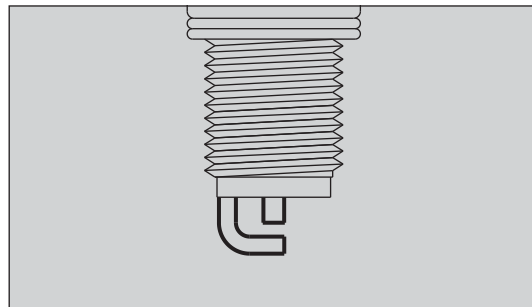
If the color of the white edges, or coated black or black wet dry, then check with the vehicle on the Dealer or Authorised Workshop PT. TVS Motor Company Indonesia.

Color end	Engine condition
White or Layered	Good combustion Heat engine / Incomplete combustion

Color end	Engine condition
Dried black or wet	Rich mixture / sediment High carbon

Remove spark plug

1. Pull the cap from the spark plug suppressor.
2. By using a key spark plugs, remove the plugs.



Spark Plug

MAINTENANCE

ATTENTION

Use only the brand and type of spark plugs are recommended.

It is recommended to tighten the spark plug by hand until the end and then tighten the lock plugs. Do not be so tight plugs or cross flow aluminum cylinder heads because the groove will be damaged.

Do not let dirt get into the engine through the spark plug hole when the plug is removed.

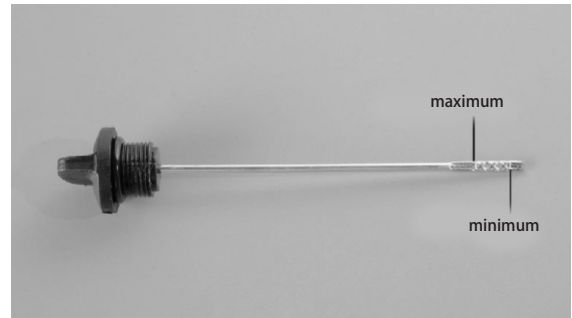
ENGINE OIL

Checking oil level

Check the engine oil level on a regular basis.

1. Establish vehicle on a flat surface. Remove the oil size stick, wipe it clean and put in the hole by dipping.

2. Check the oil level. Oil level should be between the lower and upper markers as shown in the picture. If the oil is less than the lower level, add engine oil of the recommended brands to the upper level mark.



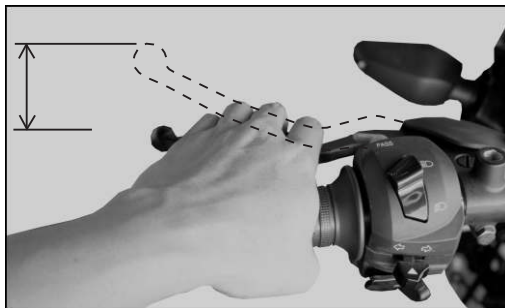
Lever checking oil level

MAINTENANCE

Regulator nut

The distance the clutch lever free movement is one of the important settings, you may need to be checked when the service to get the clutch plate service life is longer.

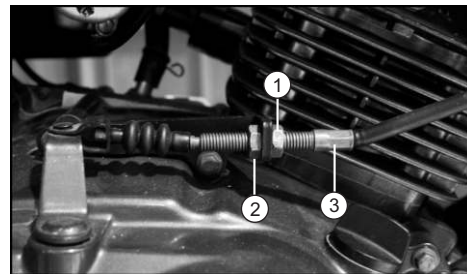
Free movement of the clutch should be 5-10 mm, when measured at the end of the clutch lever before the clutch started to be released.



Checking the clutch lever free distance

Adjust the clutch lever free motion controller periodically at the time of release the clutch cable clutch hand. If you find that the distance is too big or too small, set in the following manner:

1. Loosen the lock nut (2) hold the clutch cable regulator (3), set the clutch cable set nut (1) 'in' or 'out' to provide sufficient distance in the clutch cable.



1. regulator nut 2. Locking nut 3. Regulatory clutch cable

MAINTENANCE

2. After setting up the slack, hold the nut regulator at the same position, the locking nut key setting.
3. Check the clutch performance in the following ways.
 - a. Position the motor with a standard middle on a flat surface.
 - b. Put gear into-1.
 - c. Press the clutch hand lever and at the same time turn the rear wheels, if the wheels can be rotated easily by hand then the adjustment is correct.
 - d. If the wheel can not be rotated easily by hand (like a lock) signifies to do further tests. Contact Dealer / workshop tvs TVS.



ATTENTION

Clutch lever clearances that are too loose or too tight will damage the clutch plate, thus affecting the performance of the vehicle.

Pelonggaran clutch cable should be set only when the engine is cold.

REAR SHOCK ABSORBER

MAX 125 equipped with a three-part shock absorber, adjustable 5 level, please be adjusted to cope with different road conditions and load.



Rear spring shock absorber settings



ATTENTION

Keep the controller left and right shock absorber in the same position.

MAINTENANCE

BASIC TROUBLESHOOTING

DIFFICULT OR MACHINE CAN NOT TURNED ON

No.	Problem	Possible causes	Settlement actions
1	Fuel does not flow into the carburetor.	The fuel tank is empty. The fuel filter / fuel clogged faucet.	Fill fuel. Cleaned.
2	Fuel does not flow from the carburetor to the engine.	Nozzle carburetor hampered.	Clean the carburetor. Make sure the ignition key is in the 'ON' position and connected to the spark plug wires.
3	Ignition system.	There is no flow current to the spark plugs	If the problem is still there try the spark test: <ol style="list-style-type: none">1. Remove the spark plug from the engine and spark plug to cop.2. Touch electrode spark plugs to the engine (do not touch the metal parts of plugs because it can cause shock).3. Look for the blue flame between the electrodes by using a foot starter or electric starter.

MAINTENANCE

DIFFICULT OR MACHINE CAN NOT TURNED ON

No.	Problem	Possible causes	Settlement actions
		Dirty spark plug. Defective ignition coil. TCI unit defects. Battery / magneto / coil defective. Ignition is broken.	If there is no spark: Check loose connection at the terminal cable. Clean/Replace. Replace Replace Replace Replace

BAD ACCELERATION

No.	Problem	Possible causes	Settlement actions
1.	Wheel movement is not free.	Holding brake Low tire pressure. Strict chain.	Check brakes Pump as specification Set leeway
2.	clutch slippage.	Distance is not exactly free movement.	Adjust according to specifications
3.	Ignition is not good	See step no. 3 (the engine is not alive).	

WASTES FUEL USAGE

No.	Problem	Possible causes	Settlement actions
1.	Fuel leakage.	Leaks in the tank, fuel hoses and faucets.	Close leakage
2.	Air filter blocked.	Elements and air filter paper (filter) clogged dust.	replacement of the air filter

MAINTENANCE

WASTES FUEL USAGE

No.	Problem	Possible causes	Settlement actions
3.	Spark plug.	Distance is too far / dirty.	Clean/replace.
4.	Tire.	Low tire pressure.	Pump as per specification.
5.	Engine.	Carburetor defective, improper valve timing and bad compression, etc.	repair machines.

ELECTRICAL SYSTEM

No.	Problem	Possible causes	Settlement actions
1.	Horn does not sound.	blown fuse. No batteries / battery is empty. broken horn. Broken horn button. Broken wires / terminals disconnected.	Replace. Pairs. Replace. Repair or replace. Replace/continued.
2.	Lamp does not light.	Light bulb broke. Terminals slack. There is no flow of power from the coil lights. regulators broken.	Replace. Repair. Replace. Replace.

OTHER

No.	Problem	Possible causes	Settlement actions
3.	Braking bad.	Too loose. Brake shoe thirsty.	Check and repair. Replace.

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