Dear Customer,

Congratulations on choosing **"Bajaj Pulsar 150"**, one of the finest vehicle in the country brought to you by Bajaj Auto Limited.

Before you prepare for riding, please read this User's Guide carefully to familiarize yourself with the mechanism and the controls of the vehicle.

To maintain your bike in perfect running condition to deliver consistent performance, we earnestly advise you to avail periodic services.

You can entrust our Bajaj Dealers, who are well equipped with all necessary facilities, skill sets and trained manpower for servicing and repairs of your **"Bajaj Pulsar 150"**. In the rare event of going to a local garage, always insist on Genuine Bajaj Spares to ensure safety, performance and longer life of your vehicle.

Should you require any additional information, please approach our Bajaj Dealers. If necessary, you may also write to selling dealers, with relevant details like Registration no. Chassis no., Engine no., Date of purchase, Kms. run, name of selling dealer and your contact numbers.

Finally, may we request you to give your vehicle a proper care and regular maintenance, as described in this manual. We are sure this will offer you a long trouble-free ownership experience.

Wishing you unlimited miles of happiness!

**International Marketing**

**BAJAJ AUTO LIMITED**

**Akurdi Pune 411 035 India**

**CIN - L65993PN2007PLC130076**

# Table of Contents

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**DOC. NO.: 71111377** **REV. 09, May. 2019**

## Safety and Warning Information

**Warning**

This indicates that a potential hazard or injury to you or other persons and to the vehicle can happen, if the advise provided is not followed.

**Caution**

This indicates that a potential hazard that could result in vehicle damage. Follow the advise provided with the caution.

## Notice

The description and illustration in this booklet are not to be taken as binding on the manufacturers.

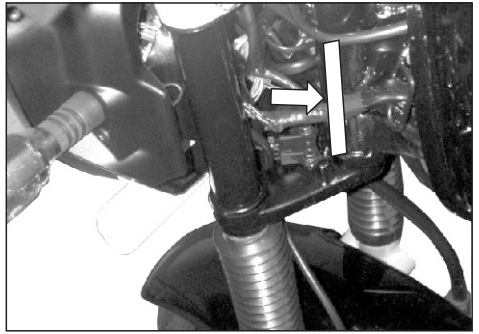
The essential features of the type described and illustrated herein remaining unaltered.

Bajaj Auto Limited reserves the right to carry out at any moment without being obliged to bring this booklet upto-date.

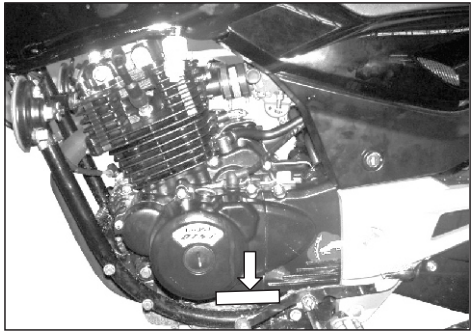
Modifications on the vehicle, parts or accessories as may be convenient and necessary.

## Identification Data

The Frame and Engine serial numbers are used to register the motorcycle. They are the unique alpha-numeric codes to identify your particular vehicle from others of the same model and type.



**Frame Number Location**
On LH Side of Steering Tube
(Alpha-Numeric - 17 Digits)



**Engine Number Location**
On LH Side Crankcase
Near Gear Change Lever
(Alpha-Numeric - 11 Digits)



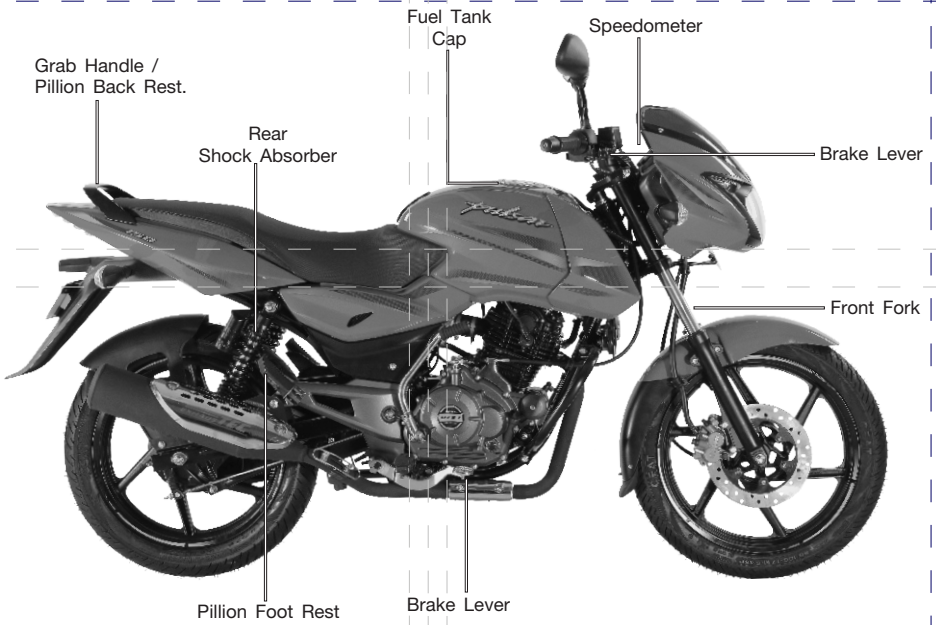
## Technical Specifications

| | |
|---|---|
| Engine | : 4 stroke, Single Cylinder, Natural air cooled. |
| Bore x Stroke | : 56.00mm x 60.7mm |
| Engine Displacement | : 149.5 cc |
| Compression Ratio | : 9.5 $\pm$ 0.5 : 1 |
| Max. Net Power | : 10.3 KW (14 PS) at 8000 rpm |
| Max. Net Torque | : 13.4 Nm at 6000 rpm |
| Ignition System | : DC CDI |
| Spark Plug | : Champion RG 4 HC. 2 Nos. |
| Spark Plug Gap | : 0.7 to 0.8 mm |
| Lubrication | : Wet sump, Forced. |
| Transmission | : 5 speed constant mesh. |
| Start - Pulsar 150/150 Classic | : Kick & Electric |
| Pulsar 150 Twin Disc | : Electric |
| Front Brake | : 260 mm Hydraulic disc type. |
| Rear Brake | |
| Pulsar 150/150 Classic | : 130 mm drum type. |
| Pulsar 150 Twin Disc | : 230 mm disc type |
| Tyre Size | |
| Front - Pulsar 150/150 Classic | : 80/100 x 17, 46P Tubeless |
| Pulsar 150 Twin Disc | : 90/90 x 17, Tubeless |
| Rear - Pulsar 150/150 Classic | : 100/90 x 17, 55P Tubeless |
| Pulsar 150 Twin Disc | : 120/80 x 17, Tubeless |
| Tyre Pressure - Front | : 1.75 kg/cm$^2$ (25 PSI) |
| Rear (Solo) | : 2.00 kg/cm$^2$ (28.4 PSI) |
| Rear (Pillion) | : 2.25 kg/cm$^2$ (32 PSI) |

| | | |
|---|---|---|
| Fuel Tank Capacity | : | |
| Full | : 15 litres | |
| Reserve | : 3.2 litres | |
| Usable Reserve | : 2 litres | |
| Electrical System | : 12 Volts DC | |
| Head Lamp | : 35/35 bulb with 2 pilot lamps (AHO) | |
| Pilot Lamp | : 5 W Each 2 Nos. | |
| Tail /Stop Lamp | : LED/LED | |
| Turn Signal Lamp | : 10 W 4 Nos. | |
| Neutral Indicator Lamp | : LED | |
| Hi Beam Indicator Lamp | : LED | |
| Turn Pilot Indicator Lamp | : LED | |
| Side Stand Indi. Lamp | : LED | |
| Rear No. Plate Lamp | : 5 W | |
| Horn | : 12 V DC | |
| Battery | : 12V - 4 Ah VRLA | |
| Vehicle Kerb Weight | : 144 kg. | |
| Gross Vehicle Weight | : 274 kg. | |
| Dimensions | : **Pulsar 150/150 Classic** | **150 Twin Disc** |
| Length | : 2055 mm | 2035 mm |
| Width | : 755 mm | 765 mm |
| Height | : 1060 mm | 1115 mm |
| Wheel base | : 1320 mm | 1345 mm |
| Ground clearance | : 165 mm (Min.) | 165 mm |

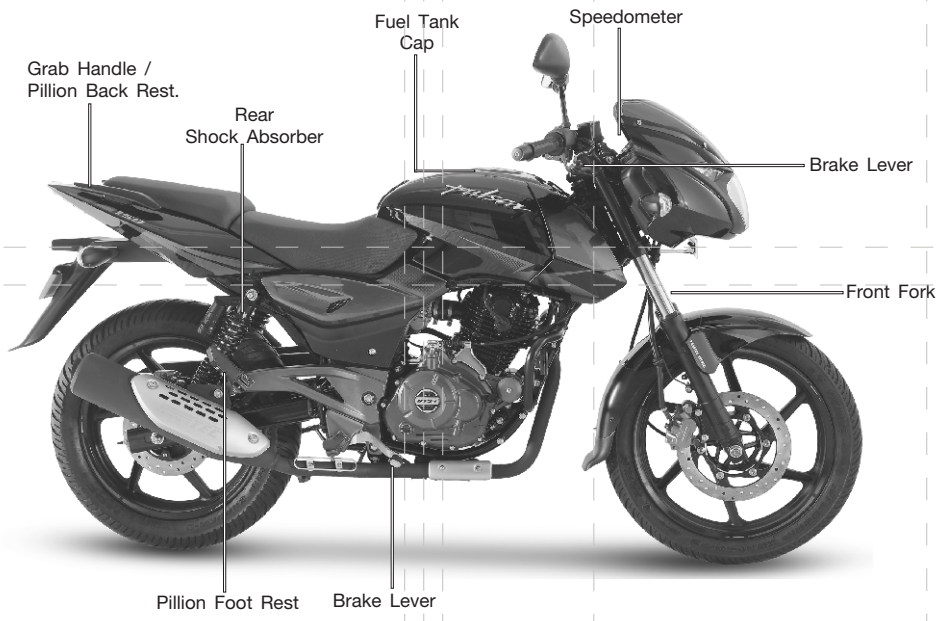
***Note : All dimensions are under UNLADEN condition.***
***Above information is subject to change without any notice.***

## Location of Parts - Pulsar 150

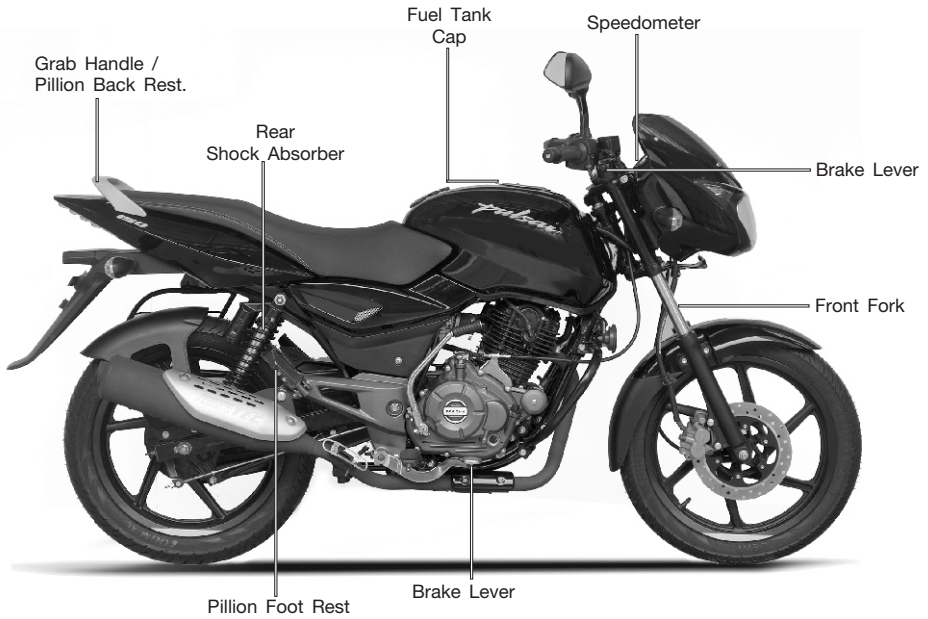





## Location of Parts - Pulsar 150 Twin Disc

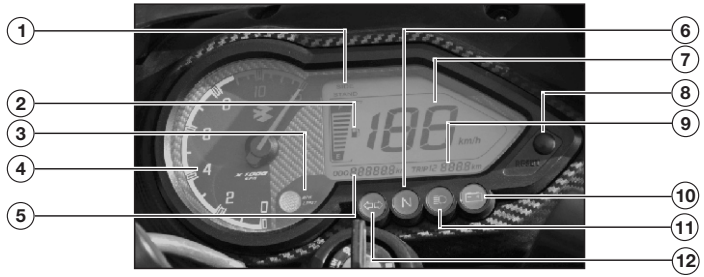


## Location of Parts - Pulsar 150 Classic






## Location of Parts




1. **Side Stand Indicator :** When Side stand is 'ON', the Side stand indicator will glow.
2. **Fuel Level/ Reserve Indicator :** Fuel level indicator shows available fuel in fuel tank. The Fuel level indicator will Start blinking if the no. of fuel bars ≤ 2.
3. **Engine Rev Indicator :** It blinks when engine RPM cross 9000 RPM mark.
4. **Tachometer Dial :** It shows engine speed in RPM.
5. **Odometer :** The Odometer shows the total distance that the vehicle has accumulated.
6. **Neutral Indicator :** When transmission is in Neutral & Ignition switch 'ON', Neutral indicator will glow.
7. **Speedometer:** Vehicle speed will be displayed digitally.
8. **Trip Meter Reset Button :** Both trip meters can be reset to zero by pressing the button.
9. **Trip Meter :** The Trip meter shows the distance traveled since it was last reset to zero.
10. **Battery Indicator :** It indicates battery needs charging
11. **Hi Beam Indicator :** When Headlight is 'ON' & Hi beam is selected with engine running, Hi beam indicator will glow.
12. **Turn Signal Indicator (LH & RH) :** When Turn signal switch is turned to Left or Right, Turn pilot indicator - LH or RH will flash.




**Steering cum Ignition Lock :**

It has three positions.

| | | |
|---|---|---|
| | **LOCK** | **:** Steering locked. Ignition OFF. |
| | **OFF** | **:** Steering unlock. Ignition OFF. |
| | **ON** | **:** Steering unlock. Ignition ON. |

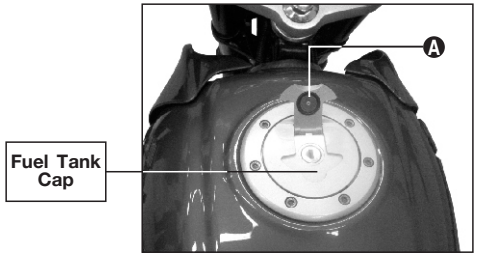
**To Lock the Steering :** To lock the steering, turn the handle bar to the left or right. Push & release the key. Turn the key to "LOCK" position and remove the key.

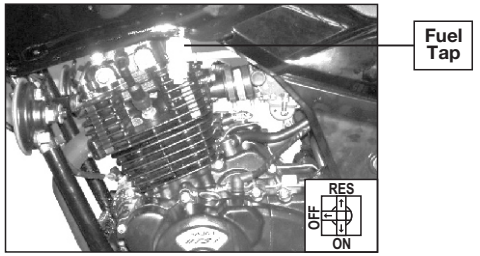
**To Unlock the Steering :** To unlock the steering, insert the key in steering cum ignition lock & turn it clockwise to "OFF" or "ON" position.

**Key :** A common key is used for 'Steering cum Ignition lock', 'Fuel tank cap' and 'Side cover lock'.








**Fuel Tank Cap**

- To open the fuel tank cap, lift the flap **(A)**, insert the key in the lock and turn it clockwise.
- To lock 'Fuel Tank Cap' gently press the cap.

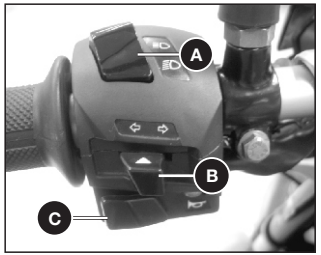
**Fuel Tap**

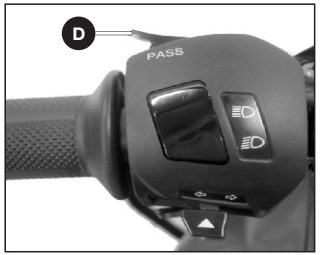
Fuel tap lever has following positions.

**ON** : When fuel level is above Reserve position.

**RES** : When fuel level is below Reserve position.

**OFF** : When fuel supply is to be cut off.




## Left Handle Bar Switches

**A. Dipper Switch :** When headlight is ON, High or Low beam can be selected with the dipper switch. Hi beam indicator light located on Speedo console will light up when high beam is selected.

: High Beam : Low beam

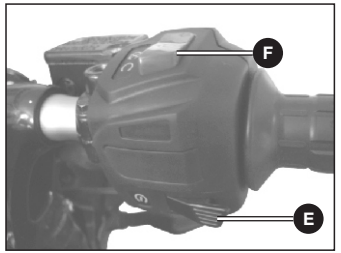
**B. Turn Signal Switch :** When the turn signal knob is turned to Left ( ) or Right ( ) respective indicator will start blinking, to stop blinking push the knob in & release.

**C. Horn Button :** ( ) Press button for sounding horn.

**D. Pass Switch :** Press the switch to flash the head light. It is used to give signal to vehicles coming from opposite side while overtaking.








**Right Handle Bar Switches**

**E. Starter Button :**

Starter button operates the electric starter when clutch lever is depressed with transmission in any gear.It is recommended to start the engine with the transmission in neutral.

**F. Engine Kill Switch :**

The engine kill switch is for emergency use. In an emergency, move the engine kill switch to the 'OFF' ( ) position.

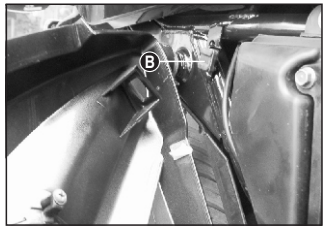
**Speedometer display will work when both Ignition switch & kill switch are in 'ON' position.**

**CAUTION :** While starting ensure that engine kill switch is in ON ( ) position.

**Engine will not start if the kill switch is in OFF position**






### Removal of Side Cover LH or RH

- Insert key into cover lock & turn clockwise. & pull 'Side Cover' out from the bottom.
- Pull front side (side towards Engine) of 'Side Cover' to release Lug provided on 'Side Cover' from hole **(A)** provided on 'Fuel Tank'.
- Slide the 'Side Cover' forward (towards the engine) to release slot provided on rear side of 'Side Cover' from bracket with rubber cap **(B)** provided on 'Chassis'.
- Take out 'Side Cover'.

⚠ **CAUTION :** Remove cover as described above, otherwise the lugs may break.

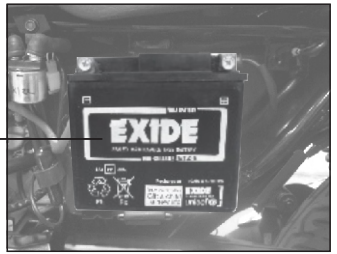
### Fitment of Side Cover LH or RH

- Match slot provided on rear side of 'Side Cover' with bracket **(B)** provided on 'Chassis' and slide 'Side Cover' backward (towards Tail lamp).
- Match Lug provided on front side of 'Side Cover' with hole **(A)** provided on 'Fuel Tank' and press 'Side Cover' inside.
- Match the lock plate of 'Side Cover' properly with bracket on 'Chassis' and Lock.

⚠ **CAUTION:** Fit cover as described above to ensure proper fitment.











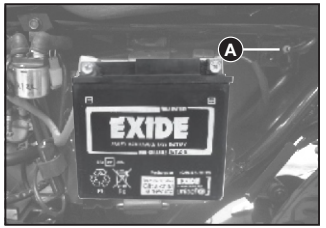
### Battery

- It is located inside the 'Side Cover' LH.
- Always maintain electrolyte level in each cell between max and min level lines.
- Always keep a watch on battery charge level indicating icon, if it flashes (indicates battery is in low charged condition), show the vehicle to authorised BAL dealer.

### Tool Kit Location

- It is located below seat.
- 2 rubber straps are provided to hold the tool kit.

⚠ **CAUTION :** Always fit tool kit with rubber straps.




A : Seat Release Cable

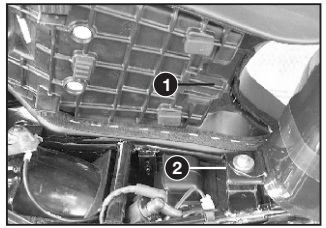



Fig. B

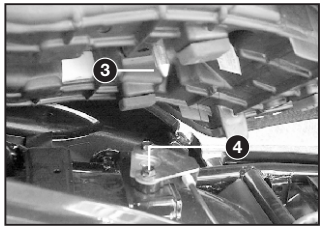



Fig. C

## Removal of Seat

- Remove 'Side Cover' LH.
- Pull the 'Seat Release Cable' **(A)** to release seat lock. Keeping cable pulled, tap the center of seat, lift the seat from rear end and slide it towards tail lamp to remove seat.

## Fitment of Seat

- Match & insert the bracket (**'1'** of Fig. **'B'**) of seat with slot (**'2'** of Fig. **'B'**) provided below fuel tank rear mounting on chassis.
- Push seat towards fuel tank and align lock rod (**'3'** of Fig. **'C'**) & seat lock (**'4'** of Fig. **'C'**). Then press the seat in middle from top to lock the seat.





## Running IN

Proper running-in is important for the better life & trouble free performance of the vehicle.

- During first 2000 kms running-in period do not exceed following speed limits.

| Kms | 1st | 2nd | 3rd | 4th | 5th |
|---|---|---|---|---|---|
| 0 - 1000 | 15 | 30 | 45 | 55 | 65 |
| 1000 - 2000 | 20 | 40 | 55 | 65 | 75 |

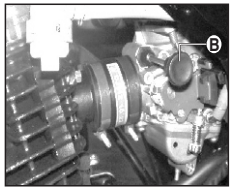
- Always keep the speed below the limits mentioned in the table.
- Do not race the engine excessively.
- Do not start moving or race the engine immediately after starting. Run the engine for a minute at idle speed to give the oil a chance to work-up into the engine.

## Riding the Bike

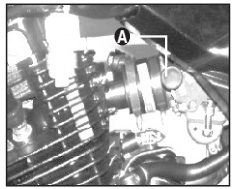
Before starting the vehicle & with the ignition key 'OFF', adhere to the following first thing in the morning or after a long period of non-use (whichever is the case). Depress the clutch lever completely. Kick the kick lever all the way down to its stop, briskly a couple of times. Release the clutch lever.

## Starting the Engine :

- Keep the fuel tap to ON or RES position.
- Turn ignition switch to ON position.
- Turn Kill switch to ( ) ON position.
- Confirm that the vehicle (transmission) is in neutral.
- If the engine is cold or when starting for first time. Use choke for quick starting. Choke lever (A) is located on LH side of Carburettor.
- Keep the throttle completely closed, push the starter button ( ) or kick the engine with kick starter lever.
- When the engine is warmed up enough to idle without using choke, return the choke to OFF position.




A : Choke "OFF"




B : Choke "ON"

**CAUTION :** Do not operate the starter continuously for more than 5 seconds. Wait for 15 seconds before next crank. After three continuously cranking the function will be disable after 20 seconds. it can be unable again.

**NOTE :** The motorcycle is equipped with a starter lockout switch. The vehicle can start in any gear when clutch lever is depressed.

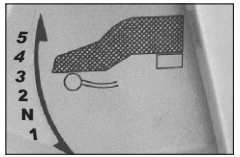
It is recommended to start the engine with the transmission in neutral.

### Moving Off :

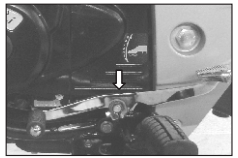
- Check that Center/Side stand is up.
- Depress the clutch lever.
- Shift into 1st gear.
- Open the throttle and release the clutch lever slowly and simultaneously.
- As the clutch starts to engage, open the throttle a little more, giving the engine just enough rpm to keep it from stalling.

### Shifting Gears :

- Close throttle & depress the clutch.
- Shift into next higher or lower gear.
- Open the throttle and release the clutch lever slowly and simultaneously.




Gear Shifting Sequence

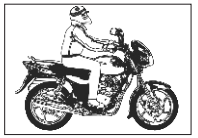


Gear Shifting Lever

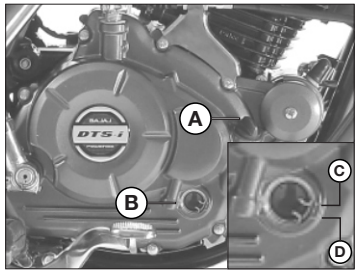
**WARNING :** When shifting down to lower gear, do not shift at such a high speed that the engine rpm rises excessively & which may cause the rear wheel to skid.







- Always wear helmets while driving or riding. Your helmets should confirm to appropriate standards.
- Read thoroughly the instructions in this manual and follow them carefully.
- Avoid unnecessary accessories for the safety of both rider and other motorists.
- Get familiar and follow traffic rules and regulations in your states as well as general traffic signs.
- Familiarize yourself well with starting, acceleration and braking of the vehicle.
- When applying the brakes, use both front and rear brakes simultaneously. Applying only one brake may cause the vehicle to loose control.
- Riding at proper speed and avoiding unnecessary acceleration and braking are important not only for safety and low fuel consumption, but also for longer life of the vehicle.
- During rainy season drive the vehicle more cautiously. Remember vehicles skid more easily during light showers.
- Drive cautiously. Start early & reach your destination safely.
- Always carry vehicle registration and insurance papers, & a valid driving licence with you.
- Avoid driving on loose sand or stones where vehicle is likely to skid.
- Properly wrap-up loose clothes while driving or riding to avoid entangling in wheel or other objects on road.
- Always concentrate on riding for safety.




**A : Oil Filler Cap**
**B : Oil Level Window**

**Recommended Engine Oil:**

| Model | Recommended Engine oil Grade |
|---|---|
| Pulsar 150 | SAE 20W50 API 'SL', or JASO 'MA' |

- **Engine oil replacement frequency : 1st service & then every 5,000 Km.**
- **Engine oil level top-up frequency : Every 2500 km.**

## Engine Oil Level Checking :

- Check engine oil level every day in the morning. Park vehicle perpendicular to the ground on level surface as mentioned.
- Check oil level through oil level window 'B'.
- Always maintain engine oil level between upper (C) and lower (D) mark provided on Clutch cover RHS. Top up with specified grade of oil, if the oil level is below lower level mark.

**Engine Oil Capacity :**

- Refill at servicing : 1000 ml.
- During engine overhaul : 1100 ml.

**CAUTION :**
- It is most important to adhere to recommended grade & frequency of oil change for the purpose of long life of critical engine components. For details refer periodic maintenance chart.
- Do not reuse drained oil.
- Contact your Dealer for proper disposal of drained engine oil.





## Braking :

- Close the throttle completely, leaving the clutch engaged (except where shifting gears) so that the engine braking will help slow down the motorcycle.
- Shift down one gear at a time so that you are in Neutral when you come to a complete stop.
- When stopping, always apply both brakes at the same time. De-clutch as necessary to keep the engine from stalling.
- Never lock the brakes, or it will cause the tyres to skid. When cornering, use brakes judiciously & do not de-clutch. Reduce your speed before you get into the corner. For emergency braking, disregard downshifting, and concentrate on applying the brakes as hard as possible without skidding.

## Stopping the Vehicle :

- Close the throttle completely.
- Shift the transmission into neutral.
- Bring the vehicle to complete stop.
- Turn the ignition switch off.

## Parking :

- Shift the transmission into neutral and turn the ignition switch OFF.
- Support the motorcycle on a firm level surface with the center or side stand.

**CAUTION:** Do not park on a soft/steeply inclined surface or the motorcycle may fall over.

## Fuel Saving Tips

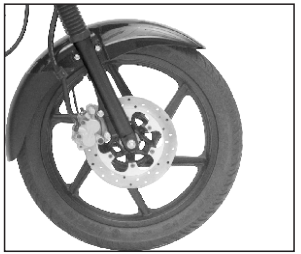
- Drive smoothly & steadily at speed between 40 and 50 km/h .
- Drive at constant speed; avoid sudden accelerations & harsh braking as far as possible. Plan your trips properly with minimum start-stops.
- Change the gear judiciously according to the speed requirements. Drive as far as possible in highest gear.
- Travel as light as possible; do not overload the vehicle above the specified payload.
- Stop the engine quickly at the end of the journey. Avoid excessive idling. For intermediate stoppages, cut-off the engine if you want to stop for more than two minutes.

## Vehicle Maintenance (Ensure Following)

| | |
|---|---|
| Fuel | Check fuel lines and connections for leakage. |
| Spark plug | Inspect and clean spark plug. Adjust electrode gap. |
| Air filter | Clean air filter element periodically. |
| Engine oil | Check level. Use recommended oil for top up or refill. |
| Brakes | Ensure that the brakes are not dragging / binding. |
| Clutch | Ensure correct clutch lever play. |
| Tyre pressure | Always maintain the recommended tyre pressure. |
| Carburettor | Adjust idling speed. |







**Wheel Puncture :** Use recommended levers while removing the Tyre / Tube for puncture work. This will avoid any damages to the edges / scratches on paint of the wheel.

**Tyre Pressure :** Keep appropriate tyre pressure as mentioned below to increase life of the tyre & for better fuel consumption.

| | |
|---|---|
| Front | 1.75 Kg/Cm$^2$ (25.0 psi) |
| Rear (Solo) | 2.00 Kg/Cm$^2$ (28.5 psi) |
| Rear (with Pillion) | 2.25 Kg/Cm$^2$ (32.0 psi) |

## Drive Chain Slackness

- Chain top edge to be kept between the two marks during chain slackness adjustment.
- Care should be taken, that the chain should never run dry.
- Lubricate chain from outside with SAE 90 oil at every 500 kms.
- Chain slackness will have to be adjusted whenever required.




**Battery : 12V - 4 Ah, VRLA**

- Battery is located inside 'Side Cover' LH.
- Always ensure that battery electrolyte level is in between max & min level marks.
- Check & top up battery by distilled water if electrolyte level is below min level mark.
- Battery life would get adversely affected if top up with 'Tap Water'.
- Environment care must be taken to dispose off used battery. It is always recommended to hand over the same to the Authorised battery / Bajaj dealer for proper disposal.
- When battery is found discharged, it is advised to get it charged immediately.

⚠ **CAUTION :** Do not drive/run vehicle in battery disconnected condition. It may lead to damage of electrical / electronic components.

**Spark Plug**

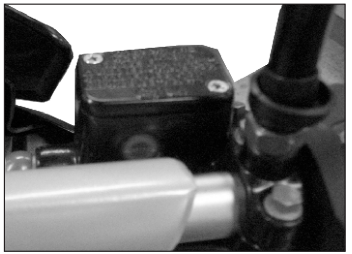
- Remove spark plugs by using plug spanner.
- Clean the spark plugs.
- Adjust the gaps if incorrect by bending outer electrode carefully.

**Spark Plug Gap :** 0.6 to 0.8 mm.

**Spark Plug** (2 Nos) : CHAMPION RG 4 HC







**Front Brake Fluid Level**

- Front brake fluid master cylinder reservoir is located near RH switch on handle bar.
- To check oil level, keep the vehicle on Center stand with handle bar in straight ahead position.
- Always ensure that brake fluid level is above 'MIN' mark given on inspection window.
- Use only DOT 3 or DOT 4 or equivalent brake fluid (from sealed container) to top up if reqd.

It is advisable that brake fluid should be replenished at every 30,000 Km or once in two years whichever occurs earlier.

**Rainy Season Care :**

- It is suggested to customer to take appropriate care in area of high rainfall area. The appropriate surface preventive coat to avoid rusting/poor surface finish on account of adverse atmospheric conditions.
- Vehicle cleaning to be done with soft & clean wet cloth to avoid scratches on painted parts.
- Clean & lubricate all the important parts as detailed in a periodic maintenance chart.
- Do not apply direct water jet on painted, electrical / electronic parts.
- Do not obstruct engine cooling by adding mud protection sheet from front.

## Daily Safety Checks

Before riding the motorcycle be sure to check the following items. Please give proper importance to these checks and perform all of them before riding the motorcycle. If any irregularities are found during these checks, refer to the Maintenance chapter and see Authorised Dealer / Service center for the action required to return the motorcycle to a safe operating condition.

**WARNING :** Failure to perform these checks every day before you ride may result in serious damage or severe accident.

| What to check | Check for |
|---|---|
| Fuel | Enough fuel for the planned distance of operation, no leaks in the fuel lines. |
| Engine Oil | Oil level between upper & lower marks. |
| Throttle | 1. Correct play in the throttle cable (2 to 3 mm)<br>2. Smooth operation & positive return of throttle grip to the closed position. |

| What to check | Check for |
|---|---|
| Steering Lock | Correct operation. |
| Brakes | 1. Correct pedal play (25~30 mm).<br>2. Brake lining wear indicator within 'USABLE RANGE'.<br>3. No dragging. |
| Drive chain | 1. Proper slack (25~35 mm).<br>2. Adequate lubrication. |
| Lighting | Operation of all lights. |
| Horn | Correct functions. |
| Steering | 1. Smoothness.<br>2. No restriction of movement.<br>3. Not Loose / Tight. |
| Clutch | 1. Correct lever play. (2 to 3 mm).<br>2. Smooth operation of lever. |
| Side and Center Stand | Return to their fully up position. |
| Tyres | 1. Correct pressure.<br>2. Adequate tread depth.<br>3. No cracks or cuts. |
| Mirrors | Correct position. |



## Periodic Maintenance & Lubrication Chart

| Sr. No. | Operation | Servicing | RECOMMENDED FREQUENCY 1st | 2nd | 3rd | Every 5000 Km after Previous Service | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Kms | 500 ~ 750 | 4500 ~ 5000 | 9500 ~ 10000 | | | | | |
| 1. | Servicing & Water Wash | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Take care that no water enters in Petrol tank, Silencer & in electrical Parts. Use caustic free detergent for washing. |
| 2. | Engine oil & Engine oil filter | C,R | R | R | R | R | R | R | R | **SAE 20W50 API SL JASO MA Grade** |
| 3. | Oil strainer | CL | CL | | CL | | CL | | CL | Oil strainer cleaning at every oil change |
| 4. | Spark Plug | CL,A,R | | | CL,A | | CL,A | | | |
| 5. | Air cleaner element***& Cover O Ring | CL,R | CL | CL | CL | R | CL | CL | R | Foam & Paper as applicable |
| 6. | In line paper filter or fuel cock paper filter | R | | | | R | | | R | |
| 7. | Fuel cock sediment bowl cleaning | CL | | | | CL | | | CL | |
| 8. | Carburetor rubber duct | C,R | | | | | C,R | | | Replae if required |
| 9. | Fuel pipe | C,R | C | C | C | R | C | C | R | |
| 10. | Starter Clutch (Dry Type)** | L | | L | L | L | L | L | L | Use recommended Molycote grease |

## Periodic Maintenance & Lubrication Chart

pulsar 150 | 150 Classic | 150 twin disc

| Sr. No. | Operation | Servicing | RECOMMENDED FREQUENCY 1st | 2nd | 3rd | Every 5000 Km after Previous Service | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Kms | 500 ~ 750 | 4500 ~ 5000 | 9500 ~ 10000 | | | | | |
| 11. | Valve tappet clearance | C,A | | | C,A | | C,A | | C,A | |
| 12. | Non-Sealed drive chain cleaning & lubrication | CL,L,A | | CL,L,A | CL,L,A | CL,L,A | CL,L,A | CL,L,A | CL,L,A | Customer to apply OKS chain lub spray at every 500 kms. |
| 13. | Engine air breather tube | C | C | C | C | C | C | C | C | Replace if required |
| 14. | Silencer drain hole cleaning | CL | | CL | CL | CL | CL | CL | CL | |
| 15. | Silencer tail pipe cleaning** | CL | | CL | CL | CL | CL | CL | CL | |
| 16. | Brake lining or pad wear & lubricate Brake cam / pivot pin** - Check pad wear indicator | C,L,R | C | C,L,R | C,L,R | R | C,L,R | C,L,R | R | Replace Brake shoe/pads at every 15,000 kms |
| 17. | Brake fluid level**-top up / replace | C,A,R | | | | C,A | | | R | Use recommended brake fluid (DOT3/DOT4) |
| 18. | Disc brake assly - check functionality, leakage or any other rubber parts damage. | C | | | C | | C | | C | Replace rubber parts if found damaged |



## Periodic Maintenance & Lubrication Chart

pulsar 150 | 150 Classic | 150 twin disc

| Sr. No. | Operation | Servicing | RECOMMENDED FREQUENCY 1st | 2nd | 3rd | Every 5000 Km after Previous Service | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Kms | 500 ~ 750 | 4500 ~ 5000 | 9500 ~ 10000 | | | | | |
| 19. | All cables & rear brake pedal-free play | C,A | C,A | C,A | C,A | C,A | C,A | C,A | C,A | |
| 20. | wiring harness & Battery connections routine, tie bands & clamps tightness | C,A,T | C,A,T | C,A,T | C,A,T | C,A,T | C,A,T | C,A,T | C,A,T | |
| 21. | Ignition switch barrel cleaning & Handle bar control switches contacts cleaning | C,CL | C,CL | C,CL | C,CL | C,CL | C,CL | C,CL | C,CL | Use WD40 spray or equivalent |
| 22. | Steering play | C,A | C,A | C,A | C,A | C,A | C,A | C,A | C,A | |
| 23. | Steering stem bearing*** & Cap steering bearing (Plastic)** | C,CL, L,R | | | C,CL, L,R | | C,CL, L,R | | C,CL | Check & replace if damaged. Use RR3 or equivalent grease for lubrication |
| 24. | Main stand & side stand pin** | CL,L | | | CL,L | | CL,L | | CL,L | Use AP grease |
| 25. | Swing arm pivot pin ( For non silent bush)** | L | | L | L | L | L | L | L | Not applicable in case of needle roller bearing |
| 26. | All fasteners tightness | C,T | C,T | C,T | C,T | C,T | C,T | C,T | C,T | Use AP grease |
| 27. | General lubrication-Clutch level, front brake level, kick lever. | L | L | L | L | L | L | L | L | |

| Sr. No. | Operation | Servicing | RECOMMENDED FREQUENCY 1st | 2nd | 3rd | Every 5000 Km after Previous Service | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Kms | 500 ~ 750 | 4500 ~ 5000 | 9500 ~ 10000 | | | | | |
| 28. | Engine foundation silent bushes** | C | | | | C | | | C | Replace if required |
| 29. | Idle speed / CO% | C,A | C,A | C,A | C,A | C,A | C,A | C,A | C,A | |
| 30. | Front fork dust seal area & inner pipe cleaning | C,L | | C,L | C,L | C,L | C,L | C,L | C,L | Applicable for front fork with rubber bellow. |
| 31. | SAI hoses- Check functionality leakage or any other damage ** | C,R | | | C,R | | C,R | | C,R | Replace if cut / damaged. |
| 32. | EVAP Y connector drain tube cleaning** | CL | | CL | CL | CL | CL | CL | CL | Applicable for product with EVAP system only. |

*** It is strongly recommended to use only recommended grade of oil.**

**** As applicable to model**

***** More frequent cleaning may be required while driving in dusty environment.**

**C : Check, A : Adjust, CL : Clean, R : Replace, T : Tighten, L : Lubricate**

**Note :** Periodic parts, Oil, Coolant, Filters, All types of greases, Cleaning agents, Cables, Wear & tear parts, Rubber 'O' rings / oil seals / pipes, Gaskets to be replaced as per Periodic Maintenance and Lubrication Chart are mandatory and the same are chargeable to customer.





Non-use maintenance is necessary if a vehicle remains off road for a longer duration (more than 15 days**). The correct & careful non-use maintenance carried out before storing the vehicle will prevent the vehicle from rusting and from such other non-operational damages like fire hazards.

- Clean the entire vehicle thoroughly.
- Empty the fuel from fuel tank & carburettor float bowl (if fuel is left in for a longer time, the fuel will break and gummy substance could clog the carburettor).
- Remove spark plug and put several drops of 2T oil into the cylinder. Kick the engine over slowly a few times to coat the cylinder wall with oil & install back the spark plug.
- Set the vehicle on a box or a stand so that both the wheels are raised off the ground.
- Spray oil on all unpainted metal surfaces to prevent rusting. Avoid getting oil on rubber parts or brake liners.
- Lubricate the control cables.
- Cover the entire vehicle neatly. Make sure that the storage area is well ventilated and free from any source of flames or spark.
- Fill 10% excess air pressure in both wheels.

**** For Battery :**

a. Remove battery & keep it on wooden plank, in properly ventilated area.

b. Before taking the vehicle for use.

- Get the battery recharged from Authorised Service Center / Battery Dealer.
- Check & correct electrolyte level and apply petroleum jelly on terminals (applicable to certain models).

**Preparation for regular use after storage :**

- Clean the vehicle
- Make sure the spark plug is tight.
- Fill the fuel tank with fuel.
- Change the engine oil.
- Check all the points listed in the Daily Safety Checks section.
- Check and inflate tyres to the proper tyre pressure.