

Dear Customer,

Congratulations on choosing "**Bajaj Pulsar 180 CC DTS-i**", 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 180 CC DTS-i**". 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

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DOC. NO.: 71111378

REV. 05, Apr. 2014

**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.

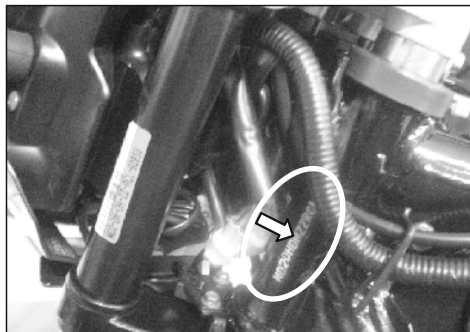
Bajaj Auto Limited reserves the right to carry out at any moment without being obliged to bring this booklet upto-date.

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

## Identification Data

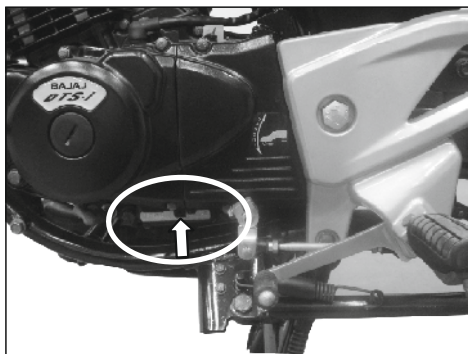
*pulsar DTS-i*

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

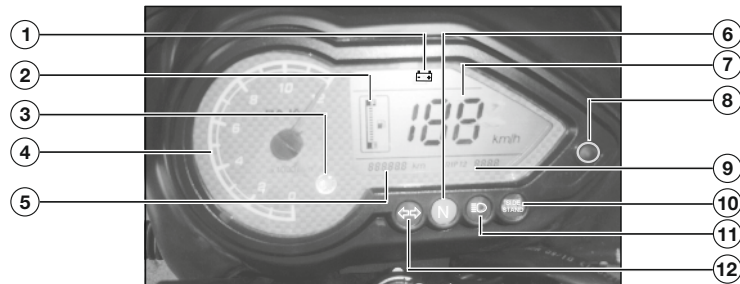
On LH Side Crankcase  
Near Gear Change Lever  
(Alpha-Numeric - 11 Digits)

## Technical Specifications

*pulsar DTS-i*

Engine	: 4 stroke, Single Cyl., Natural air cooled.	Tyre Size	Front : 90 x90x 17", 49P Rear : 120/80 x 17", 61P
Bore x Stroke	: 63.50 x 56.40	Tyre Pressure	Front : 2.00 kg/cm2 (28.4 PSI) Rear (Solo) : 2.00 kg/cm2 (28.4 PSI) Rear (Pillion) : 2.15 kg/cm2 (32.5 PSI)
Engine Displacement	: 178.60 cc	Electrical System	: 12 Volts DC
Compression Ratio	: 9.5 + 0.5 : 1	Head Lamp	: 35/35 W-HS1
Max. Net Power	: 17.02Ps (12.52Kw) @ 8500 rpm	Pilot Lamp	: 5 W Each 2 Nos.
Max. Net Torque	: 14.22 Nm at 6500rpm	Tail /Stop Lamp	: LED/LED
Ignition System	: Microprocessor controlled digital CDI	Turn Signal Lamp	: 10 W (2 Nos.)
Spark Plug	: Champion RG 4 HC. 2 Nos.	Neutral Indicator Lamp	: LED
Spark Plug Gap	: 0.6 to 0.8 mm	Hi Beam Indicator Lamp	: LED
Lubrication	: Wet sump, Force.	Turn Pilot Indicator Lamp	: LED
Transmission	: 5 speed constant mesh.	Side Stand Indi. Lamp	: LED
Front Brake	: Hydraulic disc type.	Speedometer Lamp	: LED Display
Rear Brake	: Mech. expanding shoe & drum type.	Rear No. Plate Lamp	: 5 W
Fuel Tank Capacity	:	Horn	: 12 V DC
Full	: 15 litres	Battery	: 12V - 9 Ah MF
Reserve	: 3.2 litres	Vehicle Kerb Weight	: 147 kg.
Usable Reserve	: 2.0 litres	Gross Vehicle Weight	: 280 kg.
Dimensions	:	Climbing Ability	: 28% (16°max)
Length	: 2035 mm		
Width	: 750 mm		
Height	: 1165 mm		
Wheel base	: 1350 mm		
Min. Turning radius	: 2500 mm (Min.)		
Ground clearance	: 165 mm (Min.)		

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



1. **Battery Indicator** : It indicates battery needs charging
2. **Fuel Level Indicator** : Fuel level indicator shows available fuel in fuel tank.
3. **Reserve/ Engine Rev Indicator** : It glows when fuel level in tank reaches reserve level. It also 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. **Side Stand Indicator** : When Side stand is 'ON', the Side stand indicator will glow.
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 :

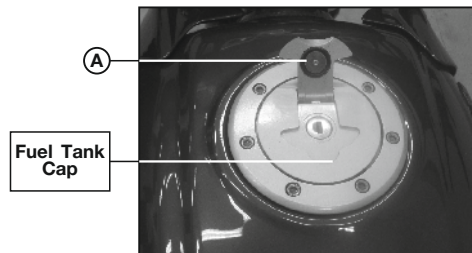
It has three positions.

	<b>LOCK</b> : Steering locked. Ignition OFF.
	<b>OFF</b> : Steering unlock. Ignition OFF.
	<b>ON</b> : 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.

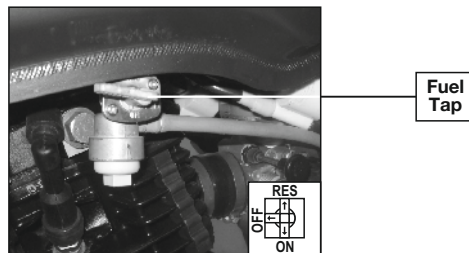
**To Unlock the Steering** : To unlock the steering, insert the key in steering cum ignition lock & turn it clockwise to "OFF" or "ON" position.

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



### Fuel Tank Cap

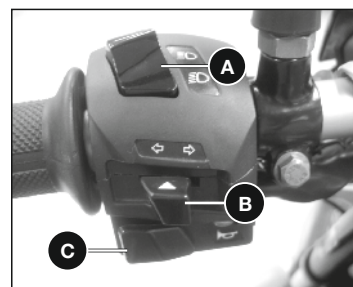
- To open the fuel tank cap, lift the flap (A), insert the key in the lock and turn it clockwise.
- To lock 'Fuel Tank Cap' gently press the cap.



### 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.

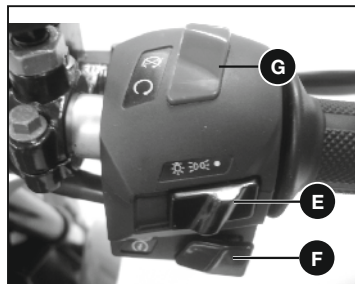
☰ : High Beam    ☷ : Low beam

**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 &



**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. Head Light Switch :** It has 3 positions.

●	: All lamps 'OFF'.
☾	: While engine running, Tail lamp and Pilot lamps 'ON'.
☀	: While engine running, Headlamp, Pilot lamp, Tail lamp, Meter lamps 'ON'.

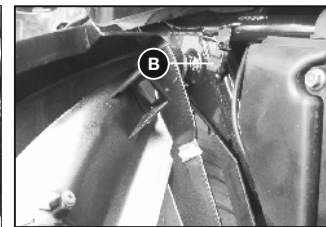
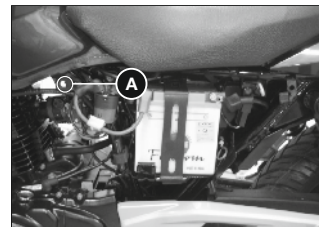
**F. Starter Button :** It operates the electric starter when clutch lever is depressed with

transmission in any gear. It is recommended to start engine with transmission in neutral.

**G. Engine Kill Switch :** The engine kill switch is for emergency use. During emergency move the engine kill switch to the 'OFF' (⊗) position.



**CAUTION :** While starting ensure that engine kill switch is in ON (⊙) position. Keeping the kill switch in OFF position Engine will not start.



### Removal of Side Cover LH or RH

- Insert key into the cover lock & turn clockwise and pull the 'Side Cover' out from the bottom.
- Pull front side 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'.



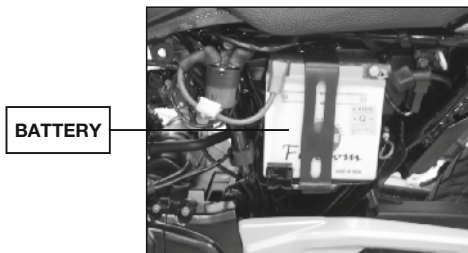
**CAUTION :** Remove cover as described above, otherwise the lugs may break.

### 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.



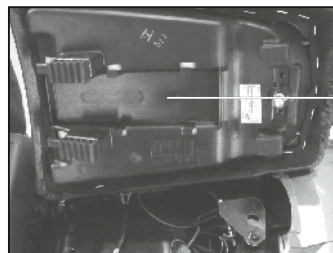
**CAUTION:** Fit cover as described above to ensure proper fitment.



BATTERY

### Battery

- It is located inside the 'Side Cover' LH.
- Always check that the electrolyte level in each cell and ensure always that it is maintain between upper and lower level line marks.
- Always keep a watch on battery charge level indicating icon. If it flashes, show the vehicle to authorized BAL dealer.



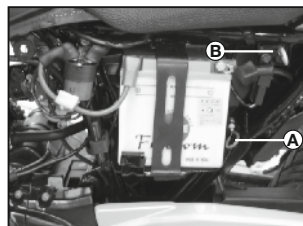
TOOL KIT

### 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

### Removal of Seat - Front

- Remove 'Side Cover' LH.
- To remove Seat Front, pull '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 back to remove seat.

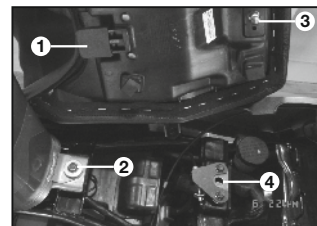


Fig. B

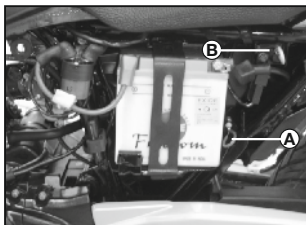
### Fitment of Seat - Front

- For fitment of Seat Front, 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. 'B') & seat lock ('4' of Fig. 'B'). Then press the seat in middle from top to lock the seat.



**CAUTION :** Always fit Front seat first.





A : Seat Release Cable

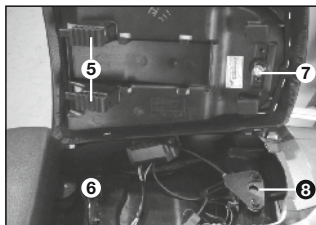


Fig. C

### Fitment of Seat - Rear

- For fitment of Seat Rear, match & insert the bracket ('5' of Fig. 'C') of seat with slot ('6' of Fig. 'C') provided below fuel tank rear mounting on chassis. Push seat towards fuel tank and align lock rod ('7' of Fig. 'C') & seat lock ('8' of Fig. 'C'). Then press the seat in middle from top to lock the seat.

### Removal of Seat - Rear

- Remove 'Side Cover' LH.
- To remove Seat Rear, pull 'Seat Release Cable' (B) 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.



**CAUTION** : Always remove Rear seat first.

### 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.

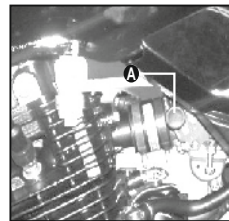
Kms	1st	2nd	3rd	4th	5th
0 - 1000	15	30	45	55	65
1000 - 2000	20	40	55	65	75

- 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.

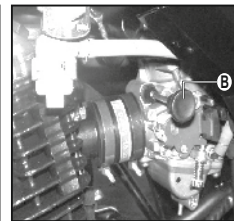
### Starting the Engine :

- Keep the fuel tap to ON or RES position.
- Turn ignition switch to ON position.
- Turn Kill switch to (Q) 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 (S) 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.
- In case of starting trouble by self start the vehicle can be push started. However get the self start trouble rectified immediately.



A : Choke "OFF"



B : Choke "ON"





**CAUTION :** Do not operate the starter continuously for more than 5 sec. Wait for 15 sec. before you re-start.

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

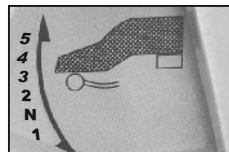
It is recommended to start the engine with the transmission in neutral.

#### Moving Off :

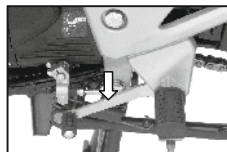
- Check that Center/Side stand is up.
- Depress the clutch lever.
- Shift into 1st gear.
- Open the throttle and release the clutch lever slowly and simultaneously.
- As the clutch starts to engage, open the throttle a little more, giving the engine just enough rpm to keep it from stalling.

#### 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.

#### 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.

- 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.

**Engine Oil**

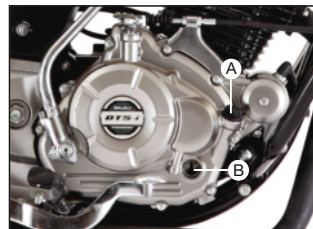
- Check engine oil level every day before starting the vehicle.
- Always maintain engine oil level between upper & lower mark provided on cover RH.

**Engine Oil Level Checking :**

- Park the vehicle on level surface on center stand.
- Check oil level through oil inspection gauge as shown in photograph. Always maintain engine oil level between the upper (C) and lower (D) mark provided on Cover RH.

**Engine Oil Capacity :**

For refill : 1000 ml, For engine O/H 1100 ml.



A : Oil Filler Cap

B : Oil Level Inspection Window

**Recommended Engine Oil:**

Always insist on Bajaj Genuine Engine Oil for optimum engine performance and warranty benefits. It is a specially formulated oil for vehicles with DTS-i engines.

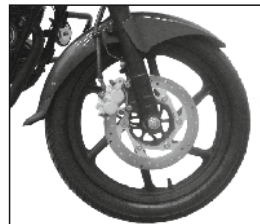


Model	Recommended Engine oil	Grade
Pulsar 180cc	Bajaj DTS-i 10000	SAE 20W50 API 'SL', or JASO 'MA' Grade

- **Engine oil replacement frequency : 1<sup>st</sup> service & then every 10,000 Km. In case any other engine oil of same specifications is used, the frequency of Oil replacement will be every 5000 Kms.**

**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.



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

Front (psi)	2.00 Kg/Cm2 (28.5 psi)
Rear (Solo) (psi)	2.00 Kg/Cm2 (28.5 psi)

**Wheel Puncture :** Advisable to visit tyre dealer if possible, or known tubeless tyre repair shops. Usage of a wheel removal / fitment machine strangle recommended. If at all, tyre levers have to be used, they should be having no sharp edges and the procedure of removal / fitment should not nick / dent the wheel or tyre in any manner.



**CAUTION :** Tubeless tyres used on motorcycle. The side walls of the tyres in contact with the wheel rim should not be damaged in any way during fitment / removal of tyre in case of punctures. The tyre side walls in contact with the wheel rim seals air.

**Drive Chain Slackness**

Drive chain fitted on your vehicle is special chain with 'O' ring design.

- 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.



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

### Spark Plug

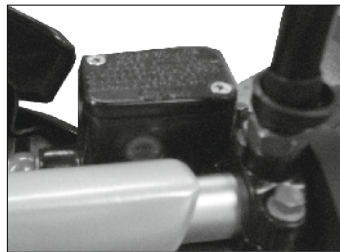
- Remove spark plugs by using plug spanner.
- Clean the spark plugs.
- Adjust the gaps if incorrect by bending outer electrode carefully.

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

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

### Battery : 12V - 9 Ah, MF

- 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.



### 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.

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

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 :**

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

## Periodic Maintenance & Lubrication Chart



Sr. No.	Operation	RECOMMENDED FREQUENCY								
		Servicing	1st	2nd	3rd	4th	5th	6th	7th	
		Kms	750	5000	10000	15000	20000	25000	30000	
1.	Servicing		✓	✓	✓	✓	✓	✓	✓	1st - 750 Kms / 30 Days 2nd onward @5000 Kms
2.	Engine idling speed / CO%	A	A	A	A	A	A	A	A	
3.	Valve tappet clearance	A	A	A	A	A	A	A	A	
4.	Engine oil (Bajaj DTSI 10000 oil)*	C, A	R	Top-up	R	Top-up	R	Top-up	R	Top-up@every 5000 Kms. Replace in 1st service & at every 10000 Kms
5.	Oil strainer (Bajaj DTSI 10000 oil)*	CL	CL	CL	CL	CL	CL	CL	CL	Clean at 5000 Kms
6.	Paper oil filter	R	R	R	R	R	R	R	R	Replace at every oil change
7.	Spark plug functioning / Gap (2 nos.)	C, A, R	C, A	C, A	C, A	R	C, A	C, A	R	Replace at every 15000km
8.	Air cleaner element Clean* / Replace	CL, R	CL	CL	CL	R	CL	CL	R	Clean at every 5000Km Replace at every 15000km
9.	Air filter cover 'O' Ring	R					R			Replace at every 20000km
10.	Fuel cock sediment bowl cleaning	CL		CL	CL	CL	CL	CL	CL	
11.	Carburettor float bowl cleaning	CL			CL		CL		CL	Clean at every 10000km
12.	Carburettor rubber duct	C, R	C	C	C	C	R	C	C	Replace at every 20000km
13.	Fuel pipes	C, R	C	C	C	C	R	C	C	Replace at every 20000km
14.	Battery electrolyte level	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
15.	Clutch lever free play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	

Note - More frequent cleaning may be required when driving in dusty condition.

## Periodic Maintenance & Lubrication Chart



Sr. No.	Operation	RECOMMENDED FREQUENCY								
		Servicing	1st	2nd	3rd	4th	5th	6th	7th	
		Kms	750	5000	10000	15000	20000	25000	30000	
16.	Throttle grip play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
17.	Rear brake pedal free play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
18.	Brake lining or pad wear	CL, R		CL	CL	CL, R	CL	CL	CL, R	Replace at every 15000km
19.	Brake fluid level / Top up / Replace	C, A, R	C, A	C, A	C, A	C, A	C, A	C, A	R	Replace at every 30000km
20.	Master cylinder cup and dust seal	R							R	Replace at every 30000km
21.	Caliper piston seal and dust seal	R							R	Replace at every 30000km
22.	Brake hose pipe	C, R							C, R	Replace at every 30000km
23.	Brake cam & pedal pivot pin	L				L			L	
24.	Steering play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
25.	Steering stem bearing	C, L, R			C,L,R		C,L,R		C,L,R	
26.	All fasteners tightness	C, T	C, T	C, T	C, T	C, T	C, T	C, T	C, T	
27.	Rear sprocket fasteners	C, T	C, T	C, T	C, T	C, T	C, T	C, T	C, T	
28.	Rear wheel rubber shock damper	C, R			C, R		C, R		C, R	Replace at every 10000km
29.	Silencer drain hole cleaning	CL	CL	CL	CL	CL	CL	CL	CL	Clean at every 5000km
30.	Cylinder head de-carbonising, valve lapping & Replace valve oil seals	CL				CL			CL	Clean at every 15000km
31.	Engine air breather tube	R					R			Replace at every 20000km
32.	Drive chain slackness adjustment & lubrication	C, A, L	C,A,L	C,A,L	C,A,L	C,A,L	C,A,L	C,A,L	C,A,L	Lubricate at every 500km A-slackness whenever reqd.

## Periodic Maintenance & Lubrication Chart



Sr. No.	Operation	Servicing Kms	RECOMMENDED FREQUENCY						
			1st	2nd	3rd	4th	5th	6th	7th
			750	5000	10000	15000	20000	25000	30000
33.	Drive chain 'O' ring type (If applicable)	L	At every 500 Kms						
34.	Drive chain remove, clean, inspect' & lubricate (O/H)	CL, L		CL, L		CL, L		CL, L	At every 10000km
35.	Drive chain link lock	R		R		R		R	Replace at every 10000km
36.	Wheel brg (for non sealed brgs only)	C, L				C, L			At every 20000km
37.	Tyre tread wear	C, R		C, R	C, R	C, R	C, R	C, R	At every 5000kms i.e. at every service after 2nd ser.
38.	Front fork oil	R				R			Replace at every 20000km
39.	Auto choke, Thermal sensor (If appli.)	C, A	C, A	C, A	C, A	C, A	C, A	C, A	At every 5000km
40.	TPS (If applicable)	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A At every 5000km
41.	RSA - Check gas pressure (If applicable)	C, A			C, A			C, A	At every 20000km
42.	Starter clutch bush kit (If applicable)	CL, R			CL, R			CL,R	(If applicable)
43.	Clutch switch cleaning (If applicable)	CL		CL		CL		CL	
44.	General lubrication	L	L	L	L	L	L	L	
45.	Swing arm pivot pin lubrication	L				L			Lubricate at every 20000km
46.	Eng foundation silent bush (If applicable)	R			R			R	Replace at every 15000km

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

\* It is strongly recommended to use only "Bajaj DTS-i 10000" Genuine engine oil. In case any other engine oil of same specifications is used, the frequency of Sr. No. 4, 5 & 6 will be every 5000 Kms.

**Note :** Periodic parts / lubricants to be replaced as per Periodic Maintenance and Lubrication Chart are mandatory and the same are chargeable to customer.

## Jobs to be Carried out during Pre-Delivery Inspection



- Fill adequate petrol into petrol tank for proper flow of petrol to the carburettor.
- Check all locks, P.T. cap, ignition switch, steering lock, Side cover.
- Check for smooth operation for fuel cock.
- Check engine oil level and top up if required.
- Check all controls for proper free play and function :- Accelerator, clutch lever, front brake lever, rear brake pedal / lever, choke lever. (As applicable to certain model).
- Check gear shifter lever for proper position and working.
- Inspect rear shock absorber for proper setting and correct if required. (As applicable to certain model).
- Check / Adjust chain slackness appropriately. Lubricate if required.
- Check brakes and adjust if required.
- Check and top up brake fluid level. (As applicable to certain model).
- Check and adjust tyre air pressure to the recommended value.
- Check battery terminal voltage, specific gravity, electrolyte level. Charge the battery if required. Check connection at terminal, starter relay and apply petroleum jelly on terminals if required.
- Check and adjust steering freeness.
- Check front mudguard alignment w.r.t. front wheel.
- Check all important nuts and bolts for proper torque and tightness.
- Fit all O.E. accessories like mirror, leg guard etc. (As applicable to certain model).
- Start vehicle, check idling and CO%.
- Check all switches, meters, horn and lights for proper functioning.
- Test drive the vehicle.
- Check for oil leakage and rectify if any.
- Repair for any other defects seen or observed during the test drive before cleaning the vehicle.
- Clean the vehicle / washing before delivery.



1. Wash the vehicle.
2. Change / Top up engine oil as per periodic maintenance schedule.
3. Clean air filter element. (Replace element at every 15,000 kms).
4. Check all fuel lines. (Replace fuel pipes at every 20,000 kms).
5. Clean oil strainer / centrifugal filter as per periodic maintenance schedule. (Replace, if required).
6. Clean fuel cock sediment bowl.
7. Drain carburettor / clean float bowl as per periodic maintenance schedule.
8. Clean, Check & Adjust spark plug gap. (Replace at every 15,000 kms).
9. Replace carburetor duct, & Air filter 'O' ring at every 20,000 kms.
10. Check & adjust valve clearance (if required). Decarbonize cylinder head at every 15,000 kms.
11. Adjust chain slackness. Lubricate chain. Replace kit chain lock at every 10,000 kms.
12. Replace rear wheel rubber shock damper at every 10,000 kms. (if required)
13. Replace engine air breather tube at every 20,000 kms.
14. Clean silencer drain hole at every 5,000 kms.
15. Check brake lining & pad wear and adjust brakes. Replace at every 15,000 kms. (if required)
16. Brake cam & pin lubricate at every 15,000 kms.
17. Replace master cylinder cup & dust seal, caliper piston seal & dust seal, brake hose pipe at every 30,000 Kms. (If applicable)
18. Check and top up brake fluid level. Replace brake fluid at every 30000 kms.
19. Check and adjust steering freeness. Replace steering cone kit at 10000 kms.
20. Replace fork oil at every 20000 kms.
21. Clean clutch switch at every 10000 kms. (If applicable)
22. Check & adjust clutch, accelerator.
23. Replace starter clutch bush kit at every 15000 kms.
24. Replace engine foundation silent bush at every 15000 kms.
25. Check & tight nuts, bolts & fasteners to the recommended torque.
26. Lubricate specific points as per lubrication schedule, swing arm pivot pin at 20,000 Kms.
27. Check batt. voltage, electrolyte level & top up if reqd. with distilled water. Route cables & fit terminal caps properly, Clean terminals & apply petroleum jelly.
28. Start engine, check & adjust horn & all lights, TPS, auto choke, thermal sensor. (If applicable)
29. Check idling and CO%. Tune engine & carburetor if required.
30. Rear shocker gas pressure at every 20,000 kms. for proper functioning.
31. Carry out any additional work if required.
32. Check tyre wear & inflate air pressure in the tyre.
33. Test ride the vehicle.
34. Clean the vehicle at the time of delivery.

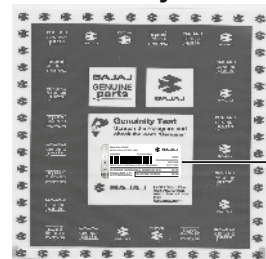
Note : Above jobs are applicable as per Periodic Maintenance Schedule.

- For optimum performance of vehicle
- For prolonged life of components & vehicle
- For economical maintenance cost
- For rider's safety

Always Insist on

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**GENUINE**  
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