


# DOMINAR 400

O w n e r ' s M a n u a l





## Contact us

We assure you of a “Distinctly Ahead” experience with our product as well as our service.

In case of any issues that you wish to bring to our notice, please get in touch with us.

### **International Business**

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**CIN:** L65993PN2007PLC130076

For faster response please furnish your  
Contact no., E-mail & Vehicle details



## WELCOME TO THE DOMINAR CLAN!

You are now the proud owner of the modern masterpiece, Dominar 400. The new Dominar 400 is designed to deliver unparalleled technology with superior performance. This makes your Dominar, unbeatable and unchallenged on every street.

Before you ride out, please read this Owner's Manual carefully and familiarise yourself with the operating mechanism, controls and maintenance requirements of your Dominar 400. This will ensure you a safe and trouble free ownership experience.

To keep your bike in perfect running condition and deliver consistent performance, we have specially programmed the periodic maintenance services at any of our Bajaj Distributors or Bajaj Authorised Service Centers, who are well equipped with all necessary facilities, genuine parts, oil and trained manpower to ensure the best care for your

Dominar:

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

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


Visit **[www.globalbajaj.com](http://www.globalbajaj.com)** to know more about your Dominar. Rev up, shift gears and enjoy the Dominar experience...

Get set to dominate the night!



## TECHNICAL SPECIFICATIONS

Engine	: 4 Stroke, Single Cyl.	Fuel Tank Capacity	
Bore x Stroke	: 89.0 mm x 60.0 mm	Full	: 13 liters
Engine Displacement	: 373.27 cc	Reserve	: Nil
Compression Ratio	: 11.3 : 1	Fuel Grade	: Super Unleaded RON-91 & above (Research Octane Number)
Idling Speed	: 1600 ± 100 RPM	Dimensions	:
Max. Net Power	: 25.74 KW (35 PS) at 8000 RPM	Length	: 2156 mm
Max. Net Torque	: 35 Nm at 6500 RPM	Width	: 813 mm
Ignition System	: 12 V, DC	Height	: 1112 mm
FI system	: Multi point injection into manifold BOSCH	Wheelbase	: 1453 mm
Spark Plug	: 3 Nos.	Ground clearance	: 157 mm
Spark Plug Gap	: 0.8 ~ 0.9 mm	Tyre Size	
Lubrication	: Wet sump forced	Front	: 110/70-R17, Tubeless
Transmission	: 6 speed constant mesh	Rear	: 150/60-R17, Tubeless
Gear Shifting Pattern	: 1 Down 5 Up	Tyre Pressure	
Engine Cooling	: Water cooling	Front	: 2.04 Kg/cm <sup>2</sup> (29 PSI)
Starting Aid	: Electric starter	Rear (Solo)	: 2.25 Kg/cm <sup>2</sup> (32 PSI)
		Rear (with pillion)	: 2.25 Kg/cm <sup>2</sup> (32 PSI)
		Front & Rear Brake	: ABS

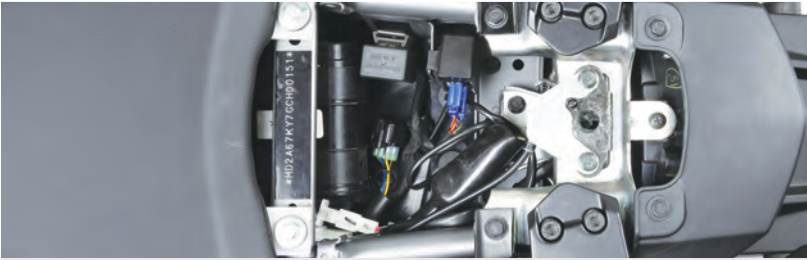


Electrical System	: 12 Volts DC
Head Lamp	: LED
Position Lamp	: LED
Tail /Stop Lamp	: LED
Side Indicator lamp	: LED (4nos. Orange)
Neutral Indicator	: LED, Green
Hi Beam Indicator	: LED, Blue
Turn Signal Indicator	: LED, Green
Speedometer-back light	: LCD, Blue
Fuel Level Indicator	: LCD Bar
Low Oil Pr. Indicator	: LED-Red
Malfunction Indicator	: LED-Yellow
Coolant Temp. Indicator	: LED-Red
Low Battery Indicator	: LED-Red
Bajaj Logo	: LED-Blue
RPM Limit	: LED-Amber
Service Reminder	: LCD

Side Stand Indicator	: LED-Red
ABS Indicator	: LED-Yellow
Rear No. Plate Lamp	: LED
Horn	: 12V DC
Battery	: 12V 8Ah VRLA
Vehicle Kerb Weight	: 182 kg. (ABS)
Gross Vehicle Weight	: 332 Kg. (ABS)

**NOTE**

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



## 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.

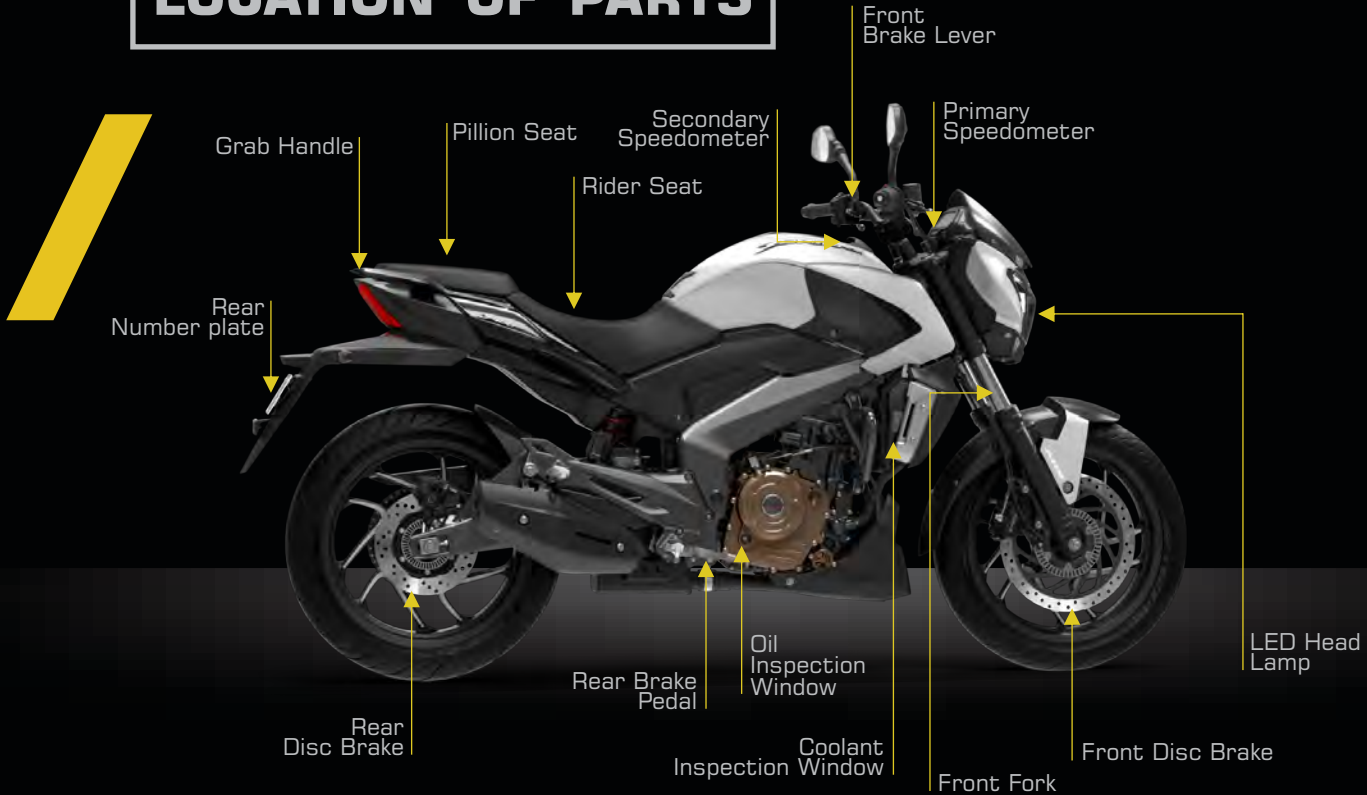
### FRAME NUMBER LOCATION

| On Seat Mounting Bracket  
(Alpha-Numeric - 17 Digits)

### ENGINE NUMBER LOCATION

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

# LOCATION OF PARTS







## STEERING CUM IGNITION LOCK

### 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 side. Turn the handle bar to the left or right. Push & Rotate the key to "LOCK" position & remove the key.

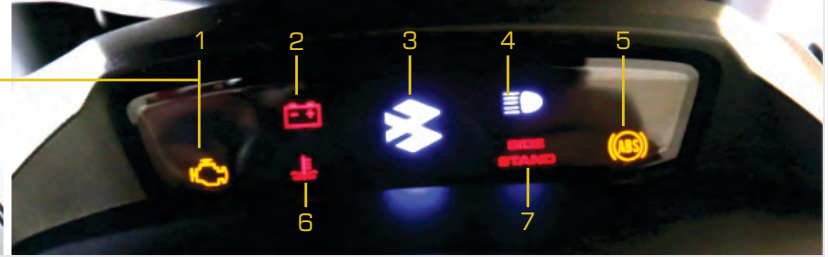
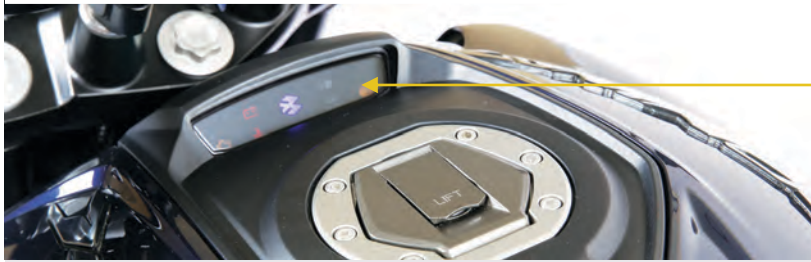
**Steering locking on handle position left hand side only.**

### TO UNLOCK THE STEERING

Insert the key in steering cum ignition lock. Push & Rotate it clockwise to "OFF" or "ON" position.

### KEY

A common key is used for 'Steering cum Ignition lock', 'Fuel tank cap' & 'Rear Seat'



## FUEL TANK CAP & SECONDARY SPEEDOMETER




### FUEL TANK CAP

- To open the fuel tank cap, open the flap. Insert the key in the lock and turn it clockwise and lift fuel tank cap.
- To lock the 'Fuel Tank Cap' insert the key in the lock and turn it clockwise and press fuel tank cap. 'Click' sound ensures cap is fully locked.

### PRECAUTION

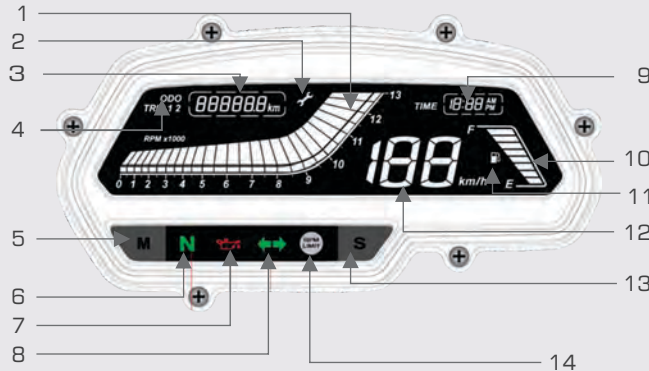
Don't attach metallic 'Key chain' as it may damage paint of petrol tank cover.

Speedometer display will work when Ignition switch is in 'ON' position.

1. Malfunction Indicator (  ): It glows whenever any abnormality is noticed in functioning of FI system components.
2. Low Battery Indicator: It indicates battery needs charging.
3. Bajaj Logo : Bajaj logo flying 'B' glows continuously.
4. Hi Beam Indicator: When Headlight is 'ON' & Hi beam is selected , Hi beam indicator will glow.
5. ABS Indicator (Yellow) (  ) : With Ignition switch ON the ABS indicator glows. When vehicle speed is more than 10 Km/hr the ABS indicator goes OFF, if this indicator glows while vehicle is running, it means there is problem in ABS unit.
6. Coolant Temperature Indicator (  ) : It glow when engine coolant Temperature is more than 110° C.
5. Side Stand Indicator : When Side stand is down, the Side stand indicator will glow. (Ignition switch 'ON')




## PRIMARY SPEEDOMETER DETAILS



SPEEDOMETER DISPLAY  
WILL WORK WHEN IGNITION SWITCH  
IS IN 'ON' POSITION.

1. Tachometer Dial: It shows engine speed in RPM.
2. Service Reminder (🔧): 'Wrench' symbol glows when ODO meter reading reaches to set Kms. It indicates vehicle is due for periodic service. This Icon will flash at: 1<sup>st</sup>: 450 km, 2<sup>nd</sup>: 4450km, 3<sup>rd</sup>: 9450 km, 4<sup>th</sup>: 14450 km and subsequently at each 5000 kms. Icon will continue to glow till it is reset. This icon is to be reset after service is carried out.
3. Odometer : The Odometer shows the total distance that the vehicle has covered. Odometer can not be reset to 'Zero'.

4. Trip Meter : Trip 1 & Trip 2 shows the distance traveled since it was last reset to zero. Rolls over to zero after 999.9 km & continue updating.
5. Mode Button : Mode button used for changing the mode while selecting & setting Trip1, Trip2, ODO, Clock & Service reminder.
6. Neutral Indicator: When the transmission is in Neutral, Neutral indicator will glow.
7. Low Oil Pressure Indicator (  ) : It glows when engine oil pressure is low.
8. Turn Signal Indicator (LH & RH): When Turn signal switch is pushed to Left or Right, Turn Signal Indicator - LH or RH will flash.
9. Digital Clock : It indicates time in HR : MM (AM/PM)
10. Fuel Level Indicator: It shows approximate fuel level in fuel tank.
11. Low Fuel Level Indicator : It blinks incase of low fuel level (1 bar or less)
12. Speedometer: Vehicle speed will be displayed in digital form in Km / Hr.
13. Set Button : Set button used for setting Clock & Service reminder.
14. Engine RPM Limit: It blinks continuously when engine RPM is more than 9000 RPM.

**NOTE**

After switching 'ON' the ignition switch, the following indications will remain 'ON' till engine is started.  
Coolant Temperature Indicator | Low Battery Indicator | Low Oil Pressure | Malfunction Indicator



## TWIN CHANNEL ABS SYSTEM

Always maintain a safe distance between you and objects ahead. Vehicle speeds should always be reduced during extreme road conditions. The braking distance for motorcycle equipped with an anti-lock braking system may be longer than for those without it on rough road conditions. During these conditions the vehicle should be driven at reduced speeds.

When you apply Front brake / Rear brake under conditions which may lock the wheels, you feel a corresponding sensation (pulsation) in Front brake lever / Rear brake pedal. This is normal and it

means your ABS is active.

**Also it is recommended to use both front & rear brakes simultaneously.**

Always slow down when cornering. The anti-lock brake system cannot prevent accidents resulting from excessive speeds.

If the ABS warning light is ON and stays ON, you may have a problem with the ABS. In this case, however, your regular brakes will work normally.

### INSTRUCTIONS

Incase, Malfunction indicator, ABS indicator, coolant temperature indicator, low battery & low engine oil pressure indicator glows in speedometer, bring the vehicle to nearest Bajaj Distributors or Bajaj authorised service centres for inspection / repair.



TRIP 1 /  
TRIP 2

Service  
reminder icon



Mode

Set

## PRIMARY SPEEDOMETER SETTING

### TRIP METER RESET

- Mode & Set push button is provided for selecting & resetting 'ODO/TRIP1/TRIP2'.

1.	Press mode push button for less than 2 sec.	Mode changes from 'ODO/TRIP1/TRIP2'
2.	Press set push button for more than 5 sec.	Selected 'TRIP1/TRIP2' will reset. Other TRIP mode will continue updating.

### SERVICE REMINDER RESET (🔧)

'Wrench' symbol glows when ODO meter reading reached to set Kms.

This icon will glow at-

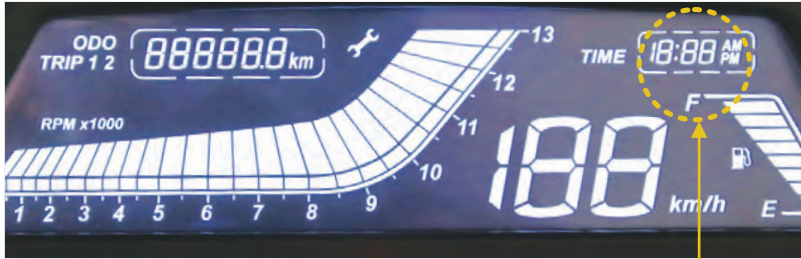
1st : 450 Kms                      2nd : 4450 Kms

3rd : 9450 Kms                    4th : 14450 Kms

& subsequently at each 5000 Kms.

**NOTE**

Bring the motorcycle at authorised BAL dealership for re-setting the service reminder icon.



Clock

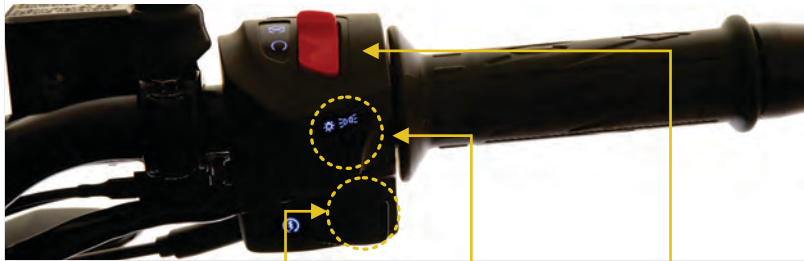
Mode

Set

## CLOCK RESET

- Digital clock indicates time in HR & MM separated by colon ':'
- It is 12 hour clock.
- Initially ':' will be blinking
- Clock setting is possible in TRIP 1 mode only.

1.	Press mode push button for less than 2 sec.	TRIP1 Mode selected
2.	Press mode & set push button together for more than 2 sec.	':' stops blinking Digits starts blinking
3.	Press mode button for less than 1 sec.	Hour digits will increase.
4.	Press set button for less than 1 sec.	Minutes digits will increase.
5.	Press mode & set button together for more than 2 sec.	Set value will be saved Exit clock setting mode Digits stop blinking ':' start blinking
6.	Clock set mode is selected & no editing is carried out for more than 5 sec.	Auto exit without saving set value. If engine/vehicle rpm is given then system will exit from clock set mode without saving set value.



## CONTROL SWITCH RH

### A. Head Light Switch

It has 2 positions.

☰	Pilot Mode
☀	Headlight Mode

### B. Starter Button

Starter button operates the electric starter. It is recommended to start the engine with the transmission in neutral.

Vehicle in Gear - Press clutch lever & operate starter button to start the engine.

### C. Engine Kill Switch

The engine kill switch is used for switching ON & OFF the engine.







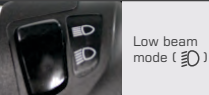
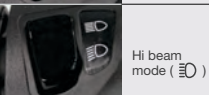
⊗	Engine OFF
↻	Engine ON

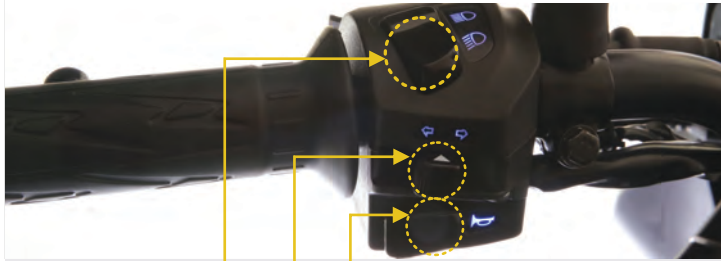


# AUTOMATIC HEADLAMP & LIGHTS OPERATION

NOTE

- Your vehicle has a safety feature which turns ON the headlamp automatically, once the engine is started. This provides better visibility to other road users.
- While riding, low beam or hi beam mode can be switched ON by operating the low/hi beam selector switch, keeping the light switch in head light mode.

Ignition Switch	Engine	Light Switch	Low/Hi Beam Selector Switch	The Following Lights will glow	Effect if Pass switch is pressed
 <p>ON ( ? )</p>	OFF	 <p>Any Position ↔ ☀ OR ☹</p>	 <p>Any Mode ☹ ↑ OR ☹ ↓</p>	Front Position lamp Tail Lamp Rear Number Plate Lamp Control Switch Illumination Both speedometer illumination	<b>Headlamp Hi beam &amp; Low beam will glow.</b>
	Started	 <p>Toward right (Pilot mode)</p>	 <p>Any Mode ☹ ↑ OR ☹ ↓</p>	Front Position lamp Tail Lamp Rear Number Plate Lamp Control Switch Illumination Both speedometer illumination Headlamp Hi beam	<b>Headlamp Low beam will also glow.</b>
		 <p>Toward Left (Headlight mode)</p>	 <p>Low beam mode ( ☹ )</p>	Front Position lamp Tail Lamp Rear Number Plate Lamp Control Switch Illumination Both speedometer illumination Headlamp low beam	<b>Headlamp Hi beam will also glow.</b>
			 <p>Hi beam mode ( ☹ )</p>	Front Position lamp Tail Lamp Rear Number Plate Lamp Control Switch Illumination Both speedometer illumination <b>Headlamp Hi beam &amp; low beam</b>	No effect



D

E

F

## Control Switch LH

### LEFT HANDLE BAR SWITCHES

#### D. HIGH / LoW Beam SwITCh

When headlight is ON, High or Low beam can be selected with this switch. Hi beam indicator light located on Speedo console will glow when high beam is selected.

☰: High Beam    ☷: Low beam

#### E. Turn Signal Switch

When the turn signal knob is pushed to Left (↶) or Right (↷) respective indicator will start blinking.

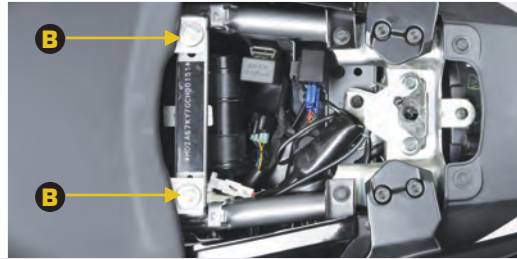
To stop blinking push the knob in & release.

#### F. Horn Button

(🔊) Press button for sounding horn.

#### G.Pass Switch

Press the switch to put on Hi Beam filament of head light. It is used to give signal to vehicles coming from opposite side while overtaking.



First Aid Kit

Tool Kit

## Removal of Pillion & Rider Seat / Tool Kit

### Removal of Pillion Seat

- Insert Key into lock (A)
- Turn the key clock wise.
- Lift rear end of 'Rear seat'
- Pull 'Pillion seat' backward side.
- Take out 'Pillion seat'.

### Removal of Rider Seat

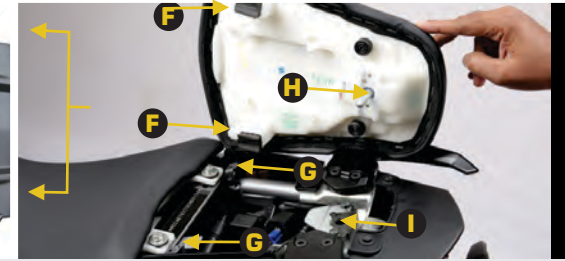
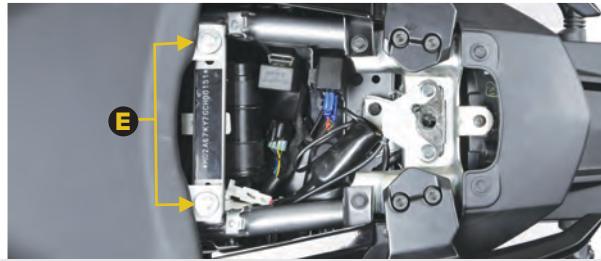
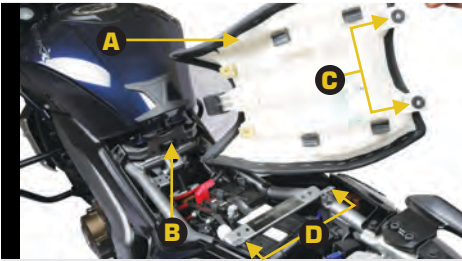
- First remove 'Pillion seat'.
- Remove 'Rider seat' mounting bolts (B).
- Pull backward rear end of 'Rider seat'.
- Take out 'Rider seat'.

### TOOL KIT LOCATION

- Tool kit fitment location is provided below pillion seat assembly.
- Tool kit to be clamped on Pillion seat assembly by rubber strap.

### First Aid Kit Location

- It is located on LH side of Seat Cowl below the 'Pillion seat'.



## Fitment of Rider & Pillion Seat

### Fitment of 'Rider Seat'

- Match the bracket of 'Rider seat' (A) with slot (B), Ensure availability of rubber damper of seat center.
- Push 'Rider seat' toward petrol tank.
- Match 'Rider seat' rear brackets (C) with the holes (D) provided on chassis.
- Tighten the bolts (E).

### Fitment of 'Pillion Seat'

- First make sure 'Rider seat' is fitted properly.
- Insure 'Tool kit' is located properly.
- Place 'Pillion seat' on fitment location.
- Match the bracket of 'Pillion seat' (F) with Hook (G).
- Insert lock rod (H) of seat into seat lock (I).
- Press rear portion of seat from top.

## Daily Safety Checks

Before riding motorcycle be sure to check following items. Please give proper importance to these checks and perform all of them before riding motorcycle.

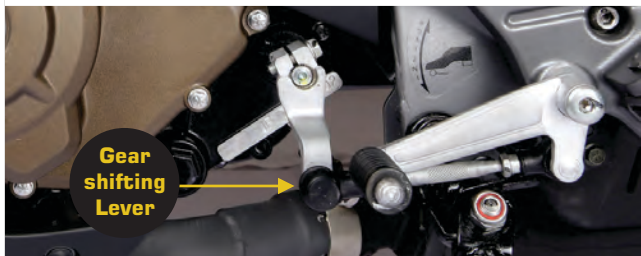
If any irregularities are found during these checks, refer to the Maintenance chapter & see your dealer for the action required to return the motorcycle to a safe operating condition.



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

- Enough fuel level for planned distance of journey. No fuel leakage in fuel lines.
- Engine oil level (between upper and lower level mark) at vehicle upright position on level surface.

- Throttle cable play of 2 ~ 3 mm. Smooth operation and positive return to closed position.
- Brake Fluid level above MIN mark provided on reservoir, applicable to disc brake vehicle.
- Drive Chain slack of 20~30 mm adequately lubricated by OXS or equivalent spray.
- Function of all lights & horn
- Clutch lever play - 2 to 3 mm
- Check Coolant level between MIN and MAX mark in coolant reservoir tank at vehicle upright position on level surface.
- Smooth steering movement without restriction.
- Side stand return to It's retracted position.
- Correct inflation pressure in both tyres Adequate tyre tread depth - no cracks / cuts.
- Correct rear viewing span adjustment of mirror.



Gear shifting pattern

## How to Ride Your Bike

**NOTE** In case of battery discharged condition, vehicle can be started by pushing it.

### 1. Starting The Engine

- Turn ignition switch key to ' ? ' position.
- Put kill switch in ' Ω ' position.
- Confirm that transmission is in neutral / press the clutch lever if transmission is in gear.
- Keep throttle completely closed & press starter button,
- Release starter button as soon as engine starts.



Caution: Do not operate the starter continuously for more than 5 seconds otherwise battery would get discharged.

Wait 15 sec. between each operation of the starter which will facilitate battery to recover.

**NOTE**

The motorcycle is equipped with a Clutch switch. This switch ensures that engine does not start if the transmission is in gear. However, the engine can be started in any gear if the clutch lever is pressed.

### 2. Shifting Gears

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

### 3. Moving Off

- Check that side stand is up / retracted.
- De-press the clutch lever.
- Shift into 1<sup>st</sup> 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.

## Recommended Speed for Shifting Down

From 6 <sup>th</sup> to 5 <sup>th</sup> Gear	68 km/h
From 5 <sup>th</sup> to 4 <sup>th</sup> Gear	62 km/h
From 4 <sup>th</sup> to 3 <sup>rd</sup> Gear	46 km/h
From 3 <sup>rd</sup> to 2 <sup>nd</sup> Gear	38 km/h
From 2 <sup>nd</sup> to 1 <sup>st</sup> Gear	27 km/h

### 4. 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.



Warning : When shifting down to lower gear, do not shift at such high speed that engine rpm jumps excessively. This may cause engine damage, & rear wheel may skid. Downshifting should be done at recommended speeds as shown in table above.

### 5. Stopping the Vehicle

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

### 6. 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	6th
0 - 1000	13	24	37	50	56	73
1000 - 2000	20	32	42	56	62	85

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


## 7. Vehicle Parking

- This vehicle do not have main stand.
- Support the motorcycle on a firm level surface with the side stand.
- Lock the steering on LHS.

### CAUTION

1. Do not park on a soft or steeply inclined surface as the motorcycle may fall over.
2. Always ensure side stand is UP while starting off.

**Ignition will be cut off if vehicle is attempted to be driven in side stand DOWN condition.**

3. If engine coolant temperature crosses 110°C, Coolant Temperature Indicator (  ) will get ON indicating engine is overheated  
**If vehicle is further driven in such a condition coolant temperature will increase up to 115°C & ECU will not allow engine to run above 4500 rpm.**
4. Always maintain Min 3.00 Liters fuel in fuel tank for smooth functioning of fuel pump.
5. Always insist for use of 91 or above Octane number fuel for smooth functioning of bike.
6. This vehicle has new 'A & S clutch' (Assist & sleeper).  
Due to this, very little force is required for clutch lever operation. you won't feel jerks while sudden down shifting.  
Slight pulsation is felt at clutch lever. This is normal & indicates 'A & S clutch' is working well.
7. Power output of headlight is only 20W max & hence continuously glowing headlight will not damage / reduce life of battery.



## Good Riding Habits

- Always fill 91 or above octane petrol at reputed petrol pumps for optimum performance of bike.
- Always maintain minimum 3 liters petrol in petrol tank for smooth functioning of fuel pump.
- Always maintain recommended air pressure in both the tyres.
- Always maintain engine oil / coolant level between MIN & MAX mark at vehicle upright position on level surface.
- Ride smoothly and steadily at an optimum driving speed of 40 to 50 Km/h
- Avoid harsh braking.
- Always apply both brakes simultaneously.
- Change the gear judiciously according to the speed and load requirement.
- Don't overload the vehicle above the specified payload.
- Use the accelerator judiciously.



- Cut off the engine if you want to stop for more than two minutes.
- Press clutch lever fully while shifting gears.
- Always ensure battery is fully charged.

## How to check mileage (Fuel efficiency)

- Best way to calculate mileage is by following the full tank to full tank method.
- Fill way tank full up to small mouth (brim).
- Run the bike for say 100 km.
- Fill the tank full again in same fuel filling station, probably with same fuel dispenser.
- Divide kilometer run / fuel quantity filled.

## Safe Riding Tips & Rainy Season Care

### Safe Riding Tips

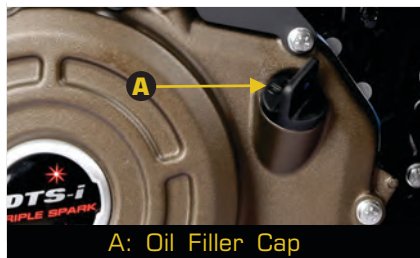
- Always wear Helmet while driving or riding. Your helmet should conform to appropriate safety standards.
- Thoroughly read the instructions given in this manual and follow them carefully.
- Avoid unnecessary accessories for the safety of both rider and other motorists.
- Get familiar and follow traffic rules & regulations in your states as well as general traffic signs.
- Familiarise yourself well with starting, acceleration and braking of the vehicle.
- When applying the brakes, use both front & rear brakes simultaneously. Applying only one brake may cause the rider 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 monsoon drive the vehicle more

cautiously. Remember vehicles skid more easily during light showers.

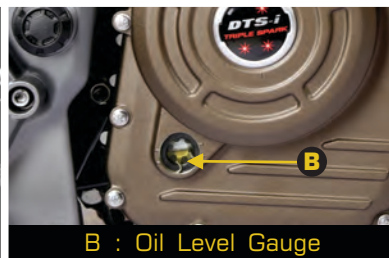
- Drive cautiously. Start early & reach your destination safely.
- Always carry vehicle registration & insurance papers, and a valid driving licence with you.
- Avoid driving on loose sand or stones where vehicle is likely to skid.
- Properly wrap-up loose clothes while driving or riding to avoid entangling in wheel or other objects on road.
- Always concentrate on Safe riding.

## Rainy Season Care

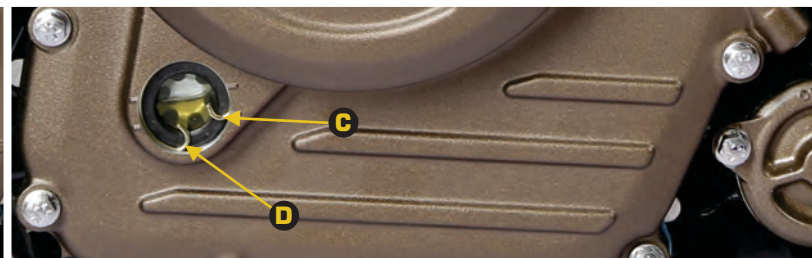
- It is suggested to customer to take appropriate care in area of high rainfall area. Appropriate surface preventive coat to avoid rusting on account of adverse atmospheric conditions.
- Vehicle cleaning to be done with soft & clean wet cloth to avoid scratches on painted parts.
- Clean & lubricate all 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.



**A: Oil Filler Cap**



**B : Oil Level Gauge**



## Engine Oil

### Level Checking

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

### Engine Oil Capacity

- Refill at servicing: 1500 ml.
- During engine overhaul: 1800 ml.

### Recommended Engine Oil:

Always insist on recommended Engine Oil

grade for optimum engine performance & warranty benefits. It is a specially formulated oil for Dominar 400.

Model	Recommended Engine oil	Grade
Dominar 400	10W50	SAE 10W50 API 'SL' or JASO 'MA2'

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

#### 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.



## Tubeless Tyre & Tyre Pressure

### Tubeless Tyre

The main advantage of tubeless tyres is in case of puncture the rate of air leak is very slow, hence customer can easily drive the vehicle upto nearest puncture repair shop for removing puncture.

**NOTE**

Incase the motorcycle is fitted with imported tyres. compliance to respective indian standard & central motor vehicle rules has been ensured.

### Wheel Puncture

- Visit nearest known tubeless tyre repair shop to remove puncture.
- Remove puncture by Filler or Plug method only.
- Do not use patch method to remove puncture of tubeless tyre.

### CAUTION

Tubeless tyres are fitted in this motorcycle. The walls of the tyres in contact with the wheel rim should not be damaged in any way during fitment / removal of tyre. The tyre side walls in contact with wheel rim seals air.

### Tyre Pressure

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

Dominar 400	Front	29 PSI
	Rear (Solo)	32 PSI
	Rear (with Pillion)	32 PSI

## Battery



12V - 8 Ah VRLA

- Battery is located below Rider seat.

### Battery Features

- No topping-up is required
- Reduced self discharge, Enhance safety.
- No vent tube open to atmosphere hence no discharge of electrolyte through vent tube.

#### CAUTION

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

- Environment care must be taken to dispose off the used battery.
- It is always recommended to hand over the same to the Authorised battery / Bajaj dealer for proper disposal.

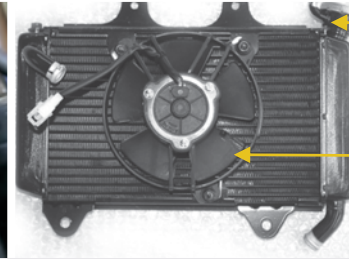
- When 'Low battery icon' pop-up in speedometer display, it is advised to get in touch with Bajaj dealer & get it charged immediately.

### How to keep battery healthy?

- Switch 'Off' ignition when engine is not running.
- Get battery checked/ charged during periodic services.
- Do not press starter button for more than 5 sec. After 3 successive cranking, wait for 15-20 sec. for battery to recover.
- Do not add extra electrical accessories such as - Remote, Bigger Horn, Musical brake light etc. This will reduce life of battery & may damage ECU.
- Disconnect battery +ve & -ve wires if vehicle is to be stored for more than 2 weeks. This avoids self discharge.



Coolant  
Expansion Tank



**A** Radiator Assembly

Cooling Fan

## Engine Cooling System

- Coolant is provided for cooling of engine.
- Water pump in the engine circulates the coolant in cooling system.
- The pressure resulting from the warming of the cooling system is regulated by a valve in radiator cap (A).
- Heat expansion causes excess coolant to flow into expansion tank.
- When the coolant temperature drops, this surplus coolant is sucked back into the cooling system.
- Cooling fan is provided for cooling of coolant circulated through radiator fins.

### NOTE

Fan will start at temp 95.3°C and stops at 90°C. This is normal condition & it indicates cooling system functioning well.

### ⚠

Warning:

During operation, the coolant gets very hot & is under pressure. In case of scalding, rinse immediately with lukewarm water. Do not remove radiator cap, radiator hose or other cooling system components when the engine is hot. Allow the engine & cooling system to cool down.

## Coolant



### Warning:

Coolant is poisonous and causes health hazard.

Avoid contact between coolant & skin, eyes and clothing. If it gets into your eyes, rinse immediately with water and contact a doctor.

Wash affected skin areas immediately with soap and water. If coolant is swallowed, contact a doctor immediately. Change clothes that have come into contact with coolants.

Keep coolant out of the reach of children.

## Coolant Specifications

Antifreeze ready mix 50:50

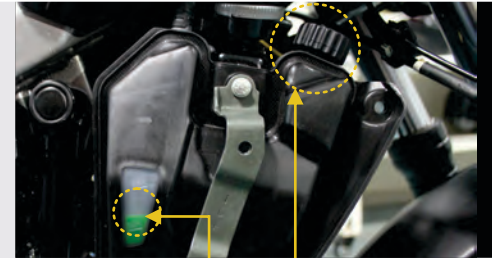
(Recommended Brand-

Motul : Moto cool expert, Castrol : Radicool

Total coolant quantity : 1000 ml.

(750~780 ml in radiator &

220~230 ml expansion tank).



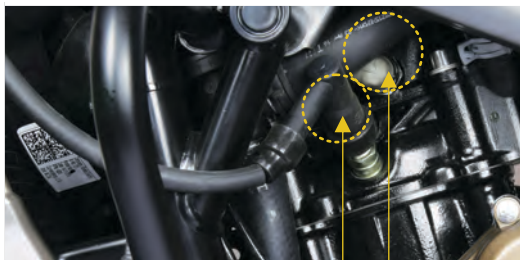
Expansion  
Tank Cap (A)

Coolant Level  
Inspection  
Window

## Coolant Top up

- Park vehicle perpendicular to the ground on level surface by using side stand. Remove 2 nos screws to access expansion tank cap.
- Check coolant level in engine cold condition only.
- Ensure coolant level is between Min & Max mark.
- Always top up coolant through reservoir cap (A).
- Always replace coolant with recommended coolant only.
- Use nitrile rubber hand gloves while draining & topping up coolant.
- Do not top up coolant through radiator cap.





A C

## Periodic Maintenance Information

### Spark Plug

- Remove spark plugs by using plug spanner.
- Clean the spark plugs at 20000 Kms..
- Adjust the gaps if incorrect by bending outer electrode carefully.

**Spark Plug Gap** : 0.8 to 0.9 mm.

#### Spark Plug

**(2 Nos.)** : CHAMPION (PRG6HCC)  
(LH 'A' + RH 'B')

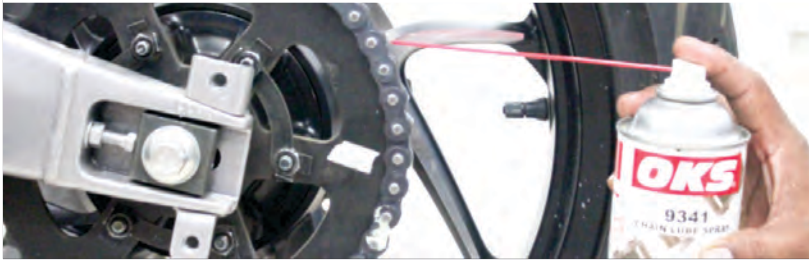
**(1 No.)** : CHAMPION (RER6YCA)  
(Center 'C')

### Drive Chain Slackness

- Chain slackness will have to be adjusted whenever required.
- Std. Chain slackness 20 ~ 30 mm.
- Marking on chain adjusters should be identically positioned on both sides.

Ensure application of 10 Kg.m (98.1 N.m) torque to rear axle nut.





## Drive Chain Cleaning

### Drive Chain (O-ring type)

Drive chain must be cleaned & lubricated as per periodic maintenance schedule.

- 'O' rings must always be kept wet for best performance hence lubricate every 500 Km.
- **O-ring chain lubrication can easily be done by owners using Bajaj 'Chain Lube Spray Can' available with Bajaj dealers for sale.**

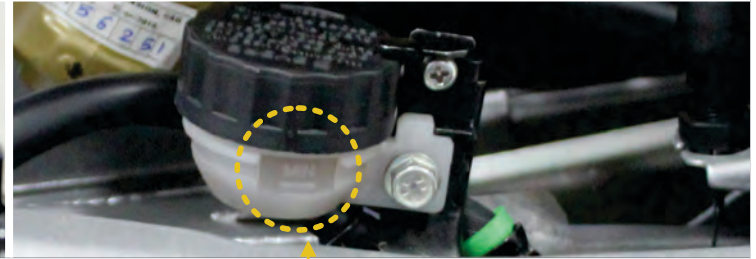
## Method of O-ring Chain Lubrication

- Park vehicle perpendicular to the ground on level surface. Clean the chain by using lint free cloth (If excessive mud / slush found approach Bajaj dealer for proper cleaning).
- Shake the can vigorously by holding vertically upright till the noise of steel ball inside heard uniformly.
- Hold spray can at the back of rear sprocket with extension tube nose at 5~10 cm.
- Rotate the wheel in reverse direction & spray the lube on middle portion of the chain up to full length of the chain.

## Brake Fluid/ Headlamp Care



Front Brake Fluid Reservoir



Rear Brake Fluid Reservoir

### Front & Rear Brake Fluid Level

- Front brake fluid reservoir is located on RH side of Handle bar.
- Rear brake fluid reservoir is located behind RH pillion holder bracket.
- To check the brake fluid level, park the vehicle at upright position on level surface. with handle bar in straight ahead condition.
- Always ensure that brake fluid level is above 'MIN' mark given on inspection Window.
- In case of level drop, use only DOT-4 brake fluid (from sealed container) for top up & replacement.

### Headlamp Care

Condensation inside headlamp is a natural phenomenon.

Condensation occurs when atmospheric air containing water vapor or humidity enters the headlamp through the vents due to temperature difference. A thin film of fog can form on the inside surface of the headlamp lens. The thin fog will clear and exit through the vents during normal operating condition.

Condensation & fogging of headlamp lens may happen during rain or after washing.

Moisture condensation inside the headlamp lens will disappear gradually by switching ON the headlamp in high beam and driving the vehicle at 30 to 40 Kmph speed for about 15 minutes.

Time for evaporation will vary depending on the humidity of the ambient air.

**NOTE**

If fog inside the headlamp does not evaporate bring the vehicle to Bajaj Authorised Dealer for inspection.

# Periodic Maintenance & Lubrication Chart

Sr. No.	Operation	Service	RECOMMENDED FREQUENCY						Remarks	
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	Every 5000 Km after Previous Service				
			Kms 500 ~ 750	4500 ~ 5000	9500 ~ 10000					
1.	Clean the vehicle with water wash & dry completely	✓	✓	✓	✓	✓	✓	✓	✓	Ensure to prevent water entry in petrol tank, silencer & electrical parts. Use caustic free detergent for washing.
2.	*Engine oil	C,R	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SAE 10W50 API 'SL' or JASO'MA2'
3.	Engine oil filter		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
4.	Oil strainer & Evacuation Strainer	CL	CL		CL		CL		CL	Oil strainer cleaning at the time of oil change.
5.	Spark plug	CL, C,A					CL, C,A			C&A at 20,000 Kms. Replace after 40,000 Kms
6.	Air cleaner element	R					R			Replace after every 20,000 kms. Cleaning not required.
7.	In line fuel filter	R					R			Replace after every 20,000 Kms.
8.	Fuel pipe	C,R					C,R			Replace if required.

✓ Tick in the box  after replacing the periodic parts.

# Periodic Maintenance & Lubrication Chart

Sr. No.	Operation	Service	RECOMMENDED FREQUENCY							Remarks
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	Every 5000 Km after Previous Service				
			Kms	500 ~ 750	4500 ~ 5000	9500 ~ 10000				
9.	Valve tappet clearance	C, A					C, A			Check & adjust at every 20,000 kms.
10.	Sealed drive chain cleaning & lubrication	C,L,A	C,L,A	C,L,A	C,L,A	C,L,A	C,L,A	C,L,A	C,L,A	Customer to apply OKS chain lub spray at 500 Kms.
11.	Air filter drain tube	CL			CL		CL		CL	Clean at every 10000 kms.
12.	Silencer drain hole cleaning	CL		CL	CL	CL	CL	CL	CL	
13.	End chamber tail pipe cleaning	CL		CL	CL	CL	CL	CL	CL	End chamber to be cleaned using brush.
14.	Brake pedal pivot pin	C,L,R	C	C,L,R	C,L,R	C,L,R	C,L,R	C,L,R	C,L,R	Use recommended AP grease.
15.	Brake lining or pad - Check wear indicator	C,R	C,R	C,R	C,R	<input type="checkbox"/>	C,R	C,R	<input type="checkbox"/>	Replace brake shoes/pad at every 15000 Kms.
16.	Brake fluid level - top up / replace	C,A,R				C,A			<input type="checkbox"/>	Use recommended brake fluid (DOT4)
17.	Disc brake assly - Check functionality, leakage or any other damage.	C	C	C	C	C	C	C	C	

# Periodic Maintenance & Lubrication Chart

Sr. No.	Operation	Service Kms	RECOMMENDED FREQUENCY							Remarks
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	Every 5000 Km after Previous Service				
			500 750	4500 5000	9500 10000	C, A	C, A	C, A	C, A	
18.	All cables free play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
19.	Wiring harness & Battery connections-routing, 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	
20.	Steering play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
21.	Ignition switch barrel cleaning & handle bar control switchescontacts cleaning.	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	Use recommended WD40 spray
22.	Steering stem bearing & Cap steering bearing (Plastic)	C,CL L,R			C,CL L,R		C,CL L,R		C,CL L,R	Check & replace if damaged. Use HP Lithon RR3 grease for lubrication.
23.	Side stand pin	CL,L			CL,L		CL,L		CL,L	
24.	All fasteners tightness	CT	CT	CT	CT	CT	CT	CT	CT	Use recommended AP grease.
25.	General lubrication-Clutch lever, front brake lever	L	L	L	L	L	L	L	L	Use recommended AP grease.
26.	Coolant level in expansion tank	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	Use recommended 'Ready to use coolant'.

✓ Tick in the box  R after replacing the periodic parts.

# Periodic Maintenance & Lubrication Chart

Sr. No.	Operation	Service Kms	RECOMMENDED FREQUENCY							Remarks
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	Every 5000 Km after Previous Service				
			500 ~ 750	4500 ~ 5000	9500 ~ 10000					
27.	Coolant hose damage/clamps/leakage	C		C	C	C	C	C	C	
28.	Radiator fins	C		C	C	C	C	C	C	
29.	EVAP Drain tube cleaning	CL	CL	CL	CL	CL	CL	CL	CL	Applicable for product with EVAP system only

\*It is strongly recommended to use only Bajaj recommended oil.

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

Following items are chargeable to Customer:

Oil, Coolant, Filters, All types of greases, Cleaning agents, Cables, Wear & tear parts, Rubber O rings/oil seals/pipes, Gaskets etc.

## Non-Use Maintenance

Non-use maintenance is necessary if a vehicle remains off road for a longer duration (more than 15 days\*\*). The correct and 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 the fuel tank and (if fuel is left in for a longer time, the fuel will break and gummy substance could clog the carburettor).
- Remove spark plug & put several drops of Engine oil into the cylinder. Self start engine over slowly a few times to coat cylinder wall with oil & install back spark plug.
- Set the vehicle on a box or a stand so that both 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.
- Cover entire vehicle neatly. Make sure that storage area is well ventilated & free from any source of flames or spark.

- Fill 10% excess air pressure in both wheels.
- Do not apply oil on front brake disc, to prevent rusting. If the front brake disc rusts during storage, do not attempt to clean it with soap water. The rust will go off automatically during first few application of brake.

### \*\* For Battery

- a. Remove battery and keep it on wooden plank, in properly ventilated area.
  - b. Before taking the vehicle for use.
- Get the battery recharged from the Authorised Service Center / Battery Dealer.
  - 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 proper tyre pressure.



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