



pulsar
NS125



**THE WORLD'S
FAVOURITE
INDIAN**

OWNER'S MANUAL



Foreword



Welcome to the **Pulsar family!**

You are now the proud owner of the next generation **Pulsar NS 125 BS VI** India's No.1 sports bike. By No.1 we are talking about unparalleled performance, superior technology and incredible market leadership that Pulsar today enjoys. This makes the Pulsar you ride, unbeatable and unchallenged both on and off the road.

Before you ride out, please read this Owner's Manual carefully and familiarize yourself with the operating mechanism, controls and maintenance requirements of your Pulsar. 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 which includes 3 Free and subsequent Paid services, as per the schedule contained in this booklet. We earnestly advise you to avail all these services at any of our Bajaj Dealers or Authorised Service Dealers (ASD), who are well equipped with all necessary facilities / genuine parts / oil and trained manpower to ensure the best care for your Pulsar. Your **Pulsar NS 125 BS VI** comes with a warranty of 5 Years or 75,000 Kms whichever occurs earlier from the date of sale. For details please refer to "Warranty : Scope & Limits" given in this manual.

Should you require any additional information feel free to contact us on helpline numbers or e-mail us at: customerservice@bajajauto.co.in or visit the Bajaj Auto website www.bajajauto.com

To be a part of the Pulsarmania, visit <https://www.bajajauto.com/bikes/pulsar> and follow Pulsar on Instagram at [@mypulsarofficial](https://www.instagram.com/mypulsarofficial)

Rev up, shift gears and enjoy the Pulsar experience...

**SERVICE DEPARTMENT
BAJAJ AUTO LIMITED**

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Safety and Warning information :



Warning : This indicates that a potential hazard or injury to you or other persons & to the vehicle can happen if advice provided is not followed.



Caution : This indicates that a potential hazard that could result in vehicle damage. Follow the Advice 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 & to do modifications on the vehicle, parts or accessories as may be convenient and necessary.

TECHNICAL SPECIFICATIONS



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Parameter	Specification
Engine	4 Stroke, Single Cylinder
Bore x Stroke	52 mm x 58.6 mm
Engine Displacement	124.45 cc
Compression Ratio	10+/- 0.5 : 1
Idling Speed	1400 +/- 100 RPM
Max. Net Power	12 PS at 8500 RPM
Max. Net Torque	11 Nm at 7000 RPM
Ignition System	DC
Fuel System	Fuel Injection system
Spark Plug	1 Nos.
Spark Plug Gap	0.7 ~ 0.8 mm
Lubrication	Wet sump forced Lubrication
Transmission	5 speed constant mesh
Gear shifting Pattern	1 Down 4 Up
Engine Cooling	Air cooled
Starting Aid	Self & Kick
Braking System	
Front Brake	Disc
Rear Brake	Drum

Parameter	Specification	
Fuel Tank Capacity	Full 12 Liters	
Dimensions		
Length	2018 mm	
Width	810 mm	
Height	1078 mm	
Wheel base	1370 mm	
Ground Clearance	178 mm	
Tyre Size Front	90/90-17 Tubeless	
Tyre Size Rear	120/80-17 Tubeless	
Tyre Pressure	Front	1.75 Kgf/cm ² (25 PSI)
	Rear (Solo)	2 Kgf/cm ² (28 PSI)
	Rear (with pillion)	2.25 Kgf/cm ² (32 PSI)
Electrical System		
Electrical System	12 Volts DC	
Battery	12V 4Ah VRLA	
Head Lamp	LED	

TECHNICAL SPECIFICATIONS

Parameter	Pulsar NS 125 BS VI	
Position Lamp	LED	
Tail / Stop Lamp	LED	
Side Indicator	Bulb 10W-4 Nos.	
Rear No. Plate Lamp	Bulb 12V,3W	
Horn	12V DC	
Speedometer	Speedometer Illumination	LCD-Monochrome
	Neutral Indicator	LED-Green
	Hi-Beam Indicator	LED-Blue
	Fuel Level Indicator	LCD Bar
	Malfunction Indicator	LED-Amber
	Service Reminder	LCD
	Side Stand Indicator	LCD
	Turn Signal Indicator	LED-Green
ABS Indicator	LED-Amber	
Vehicle Kerb Weight	146 kg.	
Vehicle Gross Weight	296 kg.	

Note :

- All dimensions are under UNLADEN condition.
- Above information is subject to change without any notice.
- This vehicle complies to BS VI standard
- Automatic Headlight ON (AHO) is as per Government Regulation.

IDENTIFICATION DATA



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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 RH Side of Steering Tube
(Alpha-Numeric - 17 Digits)

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



LOCATION OF PARTS



Fuel Tank Cap



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.

- Do not use adulterated fuel as it will result in rusting & clogging of catalytic Converter.
- Do not REV UP engine RPM above 9500 in standstill condition.
- Never drive by disconnecting wheel speed sensor.



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Matte Finish Painted Parts Cleaning

Do's :

1. Use Colin or caustic free solution for cleaning. (1 spoon in ½ bucket water)
Remove foreign substances like insect remains, road debris using a soft brush.
 2. Use microfiber cleaning cloths Ex.- Muslin cloth for painted parts cleaning.
- In case petrol is spilled out on white/ light colour petrol tank, it is to be immediately cleaned with clean soft cotton cloth to prevent permanent stain marks on petrol tank.

Don'ts :

- Do not use any gloss enhancement products / wax / sprays for gloss enhancement.
- Do not use products that are even mildly abrasive, such as polishes, glazes, or rubbing compounds.
- Do not use mechanical cleaners/ polishes.
- Do not use terrycloth or paper towels or shine enhancement products.
- Do not rub the finish vigorously, this will burnish the paint finish, causing a permanent shiny spot. Shiny spots cannot be removed.
- No Polishing/ Teflon coating on painted parts.

Steering cum Ignition Lock



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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. insert the key & Push, Turn the key to "LOCK" position and remove the key. **Steering locking on handle position left hand side only.**

To Unlock the Steering : To unlock 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' & 'Rear Seat'.

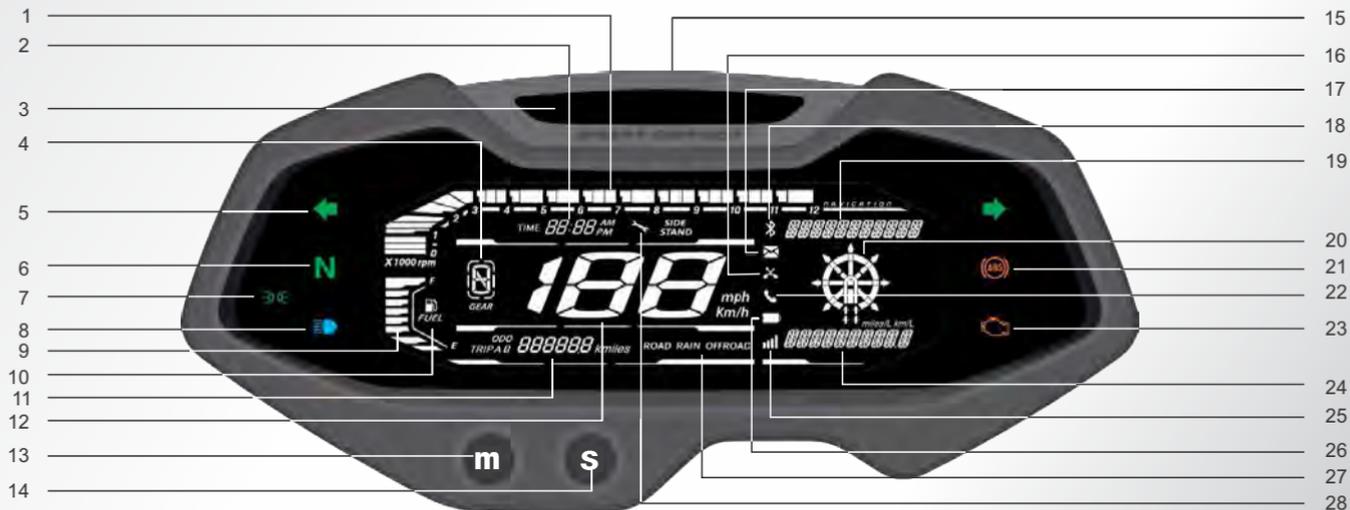
"Cranking ON and OFF duration" control -

- During Engine crank cycle cranking is allowed only for fixed duration and in between successive cranks (in case engine does not start) here is a cooling off period.
 - Cranking on-off duration control feature to avoid battery discharge-
 - 1st Crank ON (5 sec) & Disable for 2 sec.
 - 2nd Crank ON (5 sec) & Disable for 2 sec.
 - 3rd Crank ON (5 sec) & Disable for 10 sec.
- After a gap of 10 sec cranking cycle continues.
- **Starter disabled if side stand down** - With side stand down condition and vehicle in gear, Engine cranking is disabled through ECU.
 - Headlight control on rpm - Headlamp will be turned ON only at Engine running condition.

Speedometer Details



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Speedometer Details



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

- 1. Tachometer Dial:** It shows engine speed in rpm.
- 2. Digital Clock:** It indicates time in HH:MM (AM/PM).
- 3. Multi Information light:** It informs the rider about various notifications as given below.
 - **Red light:** It glows when warning messages are available in multi information display.
 - **Blue light:** It glows when bluetooth is available for pairing.
 - **Green light:** It glows when incoming call/ notification alert, call is being received.
 - **Red+Green light:** Red and Green light will glow simultaneously in sync & rpm bar will blink if rpm is more than 9000.
- 4. Gear Indication ():** It will display gear position from 1 to 5. It will display **N** when vehicle is in neutral position.
- 5. Turn Signal Indicator ():** When Turn signal switch is pushed to Left or Right, Turn Signal Indicator - LH or RH will flash.
- 6. Neutral Indicator ():** When the transmission is in Neutral, Neutral indicator will glow.
- 7. Position lamp Indicator ():** It Indicates Position lamp indicator is ON.
- 8. High Beam Indicator ():** It glows when Headlight is ON & High beam is selected with engine running or Pass beam is selected.
- 9. Fuel Level Indicator:** It shows available fuel in fuel tank.
- 10. Low Fuel Level Indicator: ()** It blinks incase of low fuel level (1 bar or less).
- 11. Odometer/Tripmeter:** The odometer shows the total distance that the vehicle has covered. Odometer cannot be reset to 'Zero'.
Trip A & Trip B shows the distance traveled since it was last reset to zero.
- 12. Speedometer:** Vehicle speed will be displayed in digital form in km/h.
- 13. Mode Button:** Mode button used for toggling between different modes e.g. ODO, Trip A, Trip B, DTE, service reminder and clock setting.
- 14. Set Button:** Set button used to reset Trip A, AFE A, Trip B, AFE B, clock setting, service reminder.
- 15. Side Stand Indicator:** It gets displayed when side stand is down.

Side Stand Condition	Gear position	Remark
Down	Engine in neutral gear position	Self-start / kick start possible
	Shifting gear from 'N' to 1st gear in engine start condition by pressing clutch lever	Engine will get cut off
Down	Engine in gear position	Engine will not start by self-start / kick start.

Speedometer Details



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16. Missed Call Alert: If your smartphone is paired with the instrument cluster of the vehicle via bluetooth, then you will get the missed call alerts on the instrument cluster.

17. Message Alert: If your smartphone is paired with the instrument cluster of your vehicle via bluetooth, then you will get all the message alert on the instrument cluster. Incoming message alert icon will blink for 6 seconds. Post 6 seconds, message alert icon will displayed steady "ON".

If ignition key is turned "OFF" and then "ON" text message indication will disappear until a new message is received.

18. Bluetooth icon on Instrument cluster: It displays status of your smartphone pairing with your vehicle.

When ignition key turned "ON" bluetooth icon will blink for 10 seconds. Post that bluetooth icon will disappear, but will be active in background for pairing with smartphone.

Bluetooth icon steady: Paired with smartphone.

19. Top Multi Information Display: It displays following information:

- Warnings
- Turn by Turn details

20. Turn by Turn (TBT) Navigation Display:

The LCD has Turn by Turn navigation segments for navigation.

By default navigation is "OFF". To use navigation, your smartphone is to be paired with the instrument cluster of your vehicle via bluetooth.

Default: OFF

Navigation can be turned "ON" from "Bajaj Ride Connect" App by entering destination. Based on turn, respective segments will be ON & rest will be turned OFF.

Top & Bottom Multi Information display will show following information's while using TBT navigation:

- "NO GPS" when smartphone GPS signal is not available.
- "REROUTING" when application is rerouting navigation.
- "DESTINATION" in top & "REACHED" in bottom multi information display when vehicle reached the desired location.
- Bottom multi information display will toggle between "ETA" and "ETD".
- Top multi information display will show "TURN-XXXX" if any turn is ahead, "XXXX" if vehicle needs to go on straight and "UTURN-XXXX" if a uturn is ahead.

Note: Map will be available for 7 years only.

21. ABS Indicator (): With Ignition switch ON the ABS indicator glows. When vehicle speed is more than 5 Km/h the ABS indicator goes off, if this indicator glows while vehicle is running, it means there is problem in ABS.

22. Incoming Call Alert: This symbol will become active and displayed blinking when there is incoming call and displayed steady "ON" only when call is received (If your smartphone is paired with the instrument cluster of the vehicle via bluetooth). While receiving a call, caller's name/ mobile number will be displayed at multi-information display area. Call accept/reject with the help of Mode button on control switch LH.



Speedometer Details



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- 23. Malfunction Indicator ():** It glows whenever any abnormality is noticed in functioning of FI system related components.
- 24. Bottom Multi Information Display:** It displays various information, such as IFE, DTE, AFE for Trip A or Trip B, Caller's name/ mobile number during call, Estimated time of arrival (ETA), Estimated travel distance (ETD), etc.
- 25. Smartphone Network Range:** It will display network of your smartphone on instrument cluster of your vehicle when connected via bluetooth.
- 26. Smartphone Battery level:** If your smartphone is paired with the instrument cluster of the vehicle via bluetooth, then it will display battery level of your smartphone on instrument cluster.
- 27. Ride Modes:** ABS ride modes namely Road, Rain and OFF-Road are provided with best optimized ABS intrusion suitable under each mode.
- Enter Ride mode selection with double tap 'Mode' button on control switch LH.
 - With 1st double click, next Ride mode will start blinking (ROAD → RAIN → OFFROAD).
 - With series of double click (gap of less than 1 second than previous), rider can scroll through the ride modes as ROAD → RAIN → OFFROAD → ROAD
 - Rider is required to do Zero throttle to change the desired mode
 - After selecting required mode, rider should wait for system response:
 - a. If system accepts required mode, it will stabilize the blinking of selected mode and it will appear steadily.
 - b. If system rejects required mode, then instrument cluster will show previous/ default mode steadily.

Note:

Bike has a default mode which is set to "ROAD".

- If any system related error is present, only in that case default mode will be activated.

Ride Mode selection while vehicle running:

- Selection is accepted only in condition of Zero throttle.
- For OFFROAD mode selection vehicle speed should be less than 20 kmph.

Instrument Cluster Details



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Ride Modes:

A. Road Mode: Balanced on all kind of road surfaces, usually best for city & highway roads.

- This is your go to setting for everyday riding conditions. It provides a balanced and efficient braking performance on dry and stable conditions.
- Optimal stopping power without compromising stability.
- Responsive to rider input and adaptable to various scenarios.

B. Rain Mode: Better performing on wet/ slippery surfaces (designed for rainy season), smoother ABS with better deceleration and stability.

- Riding a motorcycle during rains is riskier than doing so in normal weather conditions and dry terrains. During rains, the roads are wet and slippery, which require us to be extra cautious while riding.
- ABS rain mode delivers minimum braking distance with more accurate ABS interventions.
- Improvised braking stability with reduce wheels slips.

C. OFF Road Mode: Specially made for broken road and village roads, giving good stopping ability with safety.

- It is designed to excel on challenging terrains, allowing for controlled sliding and enhanced maneuverability.
- ABS OFF-Road mode delivers minimum stopping distance with adequate tyre traction and braking stability on off-roads.
- Adaptability on all different bad road conditions and down hill ride.

28. Service Reminder (): 'Wrench' symbol glows when ODO meter reading reaches to set Kms. It indicates vehicle is due for periodic service.

Instrument Cluster automatic brightness adjustment:

Instrument cluster shall adjust brightness intensity based on current clock time.

During day time brightness will be high while on night brightness will be low.

Please ensure correct clock time in instrument cluster.

Refer following table for the intensity change as per given clock timing.

Clock time	Day/ Night Mode	Intensity level
6:00 am - 6:00 pm	Day mode	High
6:01 pm - 5:59 am	Night mode	Low

Note :

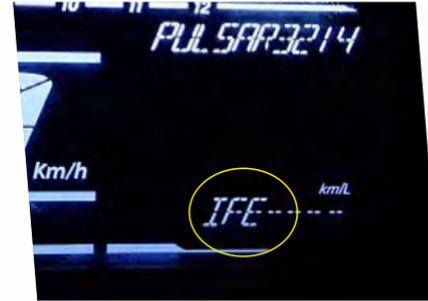
After switching 'ON' the ignition switch, the following indications will remain 'ON' till engine is started.

- Malfunction Indicator
- ABS Indicator

Instructions :

Incase Malfunction indicator, ABS indicator gets ON during vehicle running, bring the vehicle nearest BAL authorised workshop for inspection/ repair.

Instrument Cluster Details - ODO & IFE



Condition

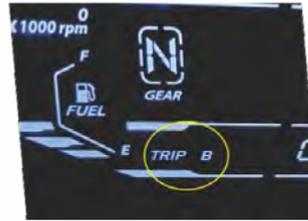
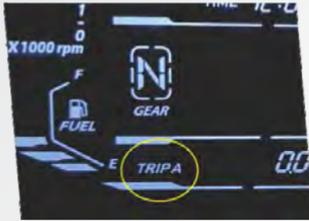
Ignition switch is ON & Mode push button not pressed, following display will be shown by digital instrument cluster.

1. **ODO:** The Odometer shows the total distance that the vehicle has travelled.
2. **IFE (Instantaneous Fuel economy):** This will indicate fuel economy in km/L. at any given time. Value will be displayed only when vehicle speed & Engine RPM is more than zero.
If vehicle speed is zero then IFE will be displayed "--km/L"

Note:

IFE (Instantaneous fuel economy) / AFE (Average fuel economy) / DTE (Distance to empty) readings are indicative & may vary due to driving and road conditions.

Details- AFE A, TRIP A & AFE B, TRIP B



Procedure to set AFE A & TRIP A:

Ignition switch is ON & mode push button pressed for less than 1sec.- TRIP A mode get selected. In Trip A mode - AFE A gets displayed.

1. **TRIP A:** The Trip meter shows the total distance that the vehicle has travelled in TRIP A mode. If TRIP A is reset, average fuel economy (AFE A) will reset.
2. **AFE A (Average Fuel economy A):** This will indicate the average fuel economy in km/L in TRIP A mode.

Procedure to set AFE B & TRIP B:

Ignition switch is ON & mode push button pressed for less than 1sec.- TRIP B mode get selected. In Trip B mode - AFE B gets displayed.

3. **TRIP B:** The Trip meter shows the total distance that the vehicle has travelled in TRIP B mode. If TRIP B is reset, average fuel economy (AFE B) will reset.
4. **AFE B (Average Fuel economy B):** This will indicate the average fuel economy in km/L. in TRIP B mode.

Note: AFE will be updated every 60 sec. AFE will be reset if corresponding TRIP A or TRIP B is reset or battery disconnected.

Details - DTE & TRIP

DTE (Distance to empty):

It indicates the estimated distance that the vehicle can travel under current fuel economy & fuel level condition.

DTE calculation is independent of TRIP and based on AFE for distance covered for last 25 Kms.

Max count of DTE is 990 Km. speedometer will display values in multiple of 10.

TRIP Setting:

If Set button is pressed more than 3 sec. In TRIP A or TRIP B mode, then respective AFE & trip distance will reset to Zero while DTE will continue to show earlier value.

Note:

If vehicle is driven by ignoring fuel level display & Tank symbol () blinking after reaching fuel unutilized level DTE will be shown as '--' Km.

During Petrol Refilling:

If petrol filled is more than 1 Liter then DTE will be calculated based on the revised fuel volume.

If petrol filled less than 1 Liter then there will be no change in DTE value.

Note :

After switching 'ON' the ignition switch, the following indications will remain 'ON' till engine is started.

- Malfunction Indicator



Note:

After completion of max value of 999.9 Km, selected trip display will get freezed and will not get set automatically to zero. However speedometer will continue to calculate and display AFE value.

Speedometer Setting



1. Trip Meter Reset:

Mode and set push button is provided for selecting & resetting "ODO/ TRIP A/ TRIP B".

1. Press Mode button for less than 1 sec.

Mode changes from "ODO/ TRIP A/ TRIP B".

2. Press Set push button for more than 3 sec.

Selected TRIP A/ TRIP B' will reset.
Other TRIP mode will continue updating.

2. Service Reminder Reset (): 'Wrench' symbol glows when ODO meter reading reached to set km.

This icon will glow at-

- | | |
|--------------|---------------|
| 1st: 450 km | 2nd: 4450 km |
| 3rd: 9450 km | 4th: 14450 km |
- & subsequently at each 5000 km.

Note: This icon shall be reset by BAL authorised workshop after periodic services are carried out.

Speedometer Setting



3. Clock Reset:

- Digital clock indicates time in HH & MM separated by colon ':' It is 12 hour clock.
- For entering clock setting mode - press Mode, go to "ENTER SETTINGS" -->"SET-CLOCK"& press "Mode & SET" button for more than 3 sec.

Press Mode & Set button together for more than 3 sec	HH digits starts blinking.
Press Mode button for less than 1 sec.	Hour digits will increase.
Press Set button for less than 1 sec.	HH value will be stored while MM starts blinking.
Press Mode button for less than 1 sec.	Minute digits will increase.
Press Set button for less than 1 sec.	Minutes value will be stored. AM & PM starts blinking
Press Mode button for 1 sec.	Select AM/ PM.
Press Mode & Set button for more than 3 sec.	All blinking stops and clock show the selected value of HH:MM AM/PM.
Clock set mode is selected & no ending 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.

BAJAJ RIDE CONNECT



Bajaj Ride Connect Application:

“Bajaj Ride Connect” Application is based on bluetooth connectivity with the instrument cluster. This app offers a range of features, including vehicle management, service booking, document storage and more. With seamless bluetooth connectivity to Pulsar, the app ensures a personalized and convenient riding experience for every register user.

Key features of the application:

Bluetooth: once connected to the vehicle through the application user can access below bluetooth features:

- Call Accept/ reject with the help of Mode button on control switch LH.
- Smartphone battery level.
- Smartphone network range.
- Missed call.
- Message alert.

Service:

- Book service appointment for relevant service type.
- Locate nearby BAL workshop location.

Document storage: Important vehicle related documents, such as insurance paper and registration certificates, can be securely stored within the app, providing easy access whenever needed.

⚠ Caution: Document storage works as a digital wallet and is only for storage purpose.

Reminders: Users can set reminder for vehicle maintenance, service schedules, insurance renewals and other important tasks.



Mode button

BAJAJ RIDE CONNECT



Application download:

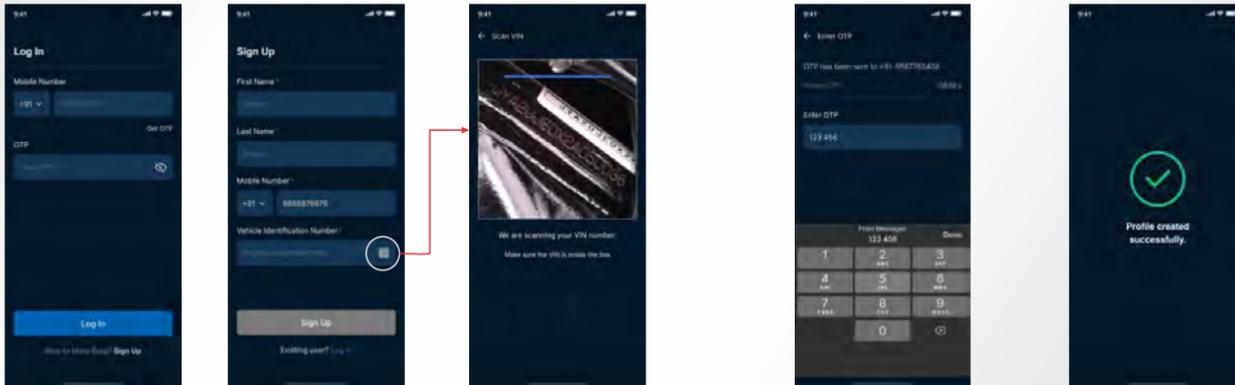
Bajaj ride connect application is available in the google play store (for android) or Apple store (for iOS).

- Download the "Bajaj ride connect" app from google play store/ Apple store.
- Click on "Sign-up" to register in the App with your registered mobile number.
- Enter your personal details (first & last name).
- Enter VIN of your vehicle (VIN can also be scanned).
- Enter OTP.
- Login in app.
- "Bajaj ride connect" app is ready to work.

Bluetooth connectivity:

Your vehicle is equipped with bluetooth connectivity feature by which you can pair your smartphone with instrument cluster of your Pulsar vehicle through "Bajaj ride connect" application.

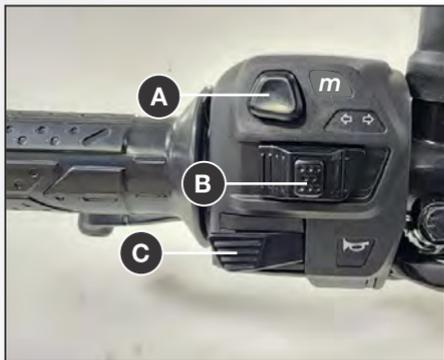
- Turn the ignition switch and kill switch "ON".
- Login "Bajaj ride connect" application on your smartphone.
- For first time pairing, allow the application to access:
 - a. Device's location if GPS is not enabled in your device.
 - b. Access your phone called logs.
 - c. Send and view messages.
 - d. Notification's



Control Switches



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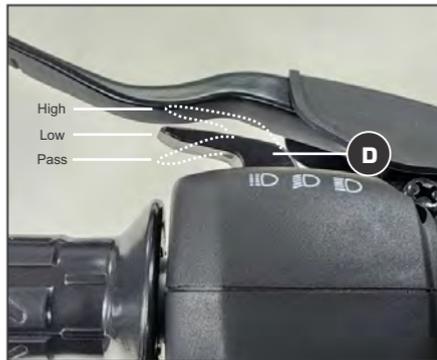
A. Call Button: Call button is used for:

Call Accept/ Reject.

- Call accept: Press Call button for less than 1 sec.
- Call reject: Press Call button for more than 3 sec.

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 put 'ON' Hi Beam/ Low Beam/ Pass light.

It is used to give signal to vehicles coming from opposite side while overtaking.

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

: High Beam (☰) : Low beam (☷)

Control Switches



E. 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.

F. Engine Kill Switch :

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

-  : Engine OFF
-  : Engine ON

AHO Feature (Automatic Headlight 'ON')

There is no 'Light switch' on RH control switch.

Ignition switch 'ON' & Engine Running

Speedometer lamp, Tail lamp, Number Plate Lamp, Pilot Lamp & Control Switches Illumination will get 'ON' in addition to above, headlamp will get ON as given below.

Hi/Low beam Switch	Headlamp Status	Effect of Pass Switch
Low beam 	Low beam 'ON'	Hi beam 'ON'
Hi beam 	Hi beam 'ON'	No change

- Headlamp will be turned ON only at Engine running condition.

Mobile Charger & E20 Petrol



- Mobile charging socket has been provided on left hand side of instrument cluster flap.
- The charger socket has been provided with cap to protect charger socket from dust & water entry during washing / during rain.
- Always ensure charger cap is firmly fitted on socket when charger socket is not in use.
- The mobile charger will supply output voltage only in engine running condition.
- Customer to use suitable USB cable for mobile charging.



Caution:

Do not use mobile phone while driving. Momentary lapse in concentration might result in an accident.



E20 :

- This vehicle is compatible for "E20" Petrol i.e. Petrol blended with 20% Ethanol. E20 sticker affixed on fuel tank cap.
- In this vehicle 'E10' Petrol (existing) i.e. Petrol blended with 10% Ethanol also can be filled.



Removal of Rear Seat

- Insert Key into lock (A)
- Turn the key clock wise.
- Pull upward front end of 'Rear seat'
- Take out 'Rear seat'



Tool Kit Location

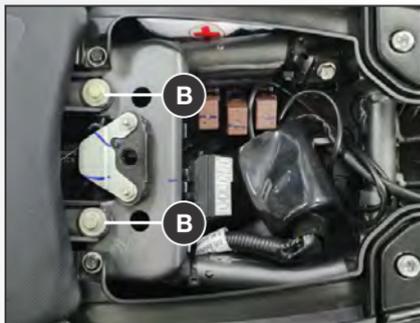
- It is located below the 'Rear seat'.
- 2 rubber straps are provided to hold the tool kit.



CAUTION : Always fit rubber strap for locking tool kit.

First Aid Kit Location

- It is kept inside seat cowl RH side.



Removal of Front Seat

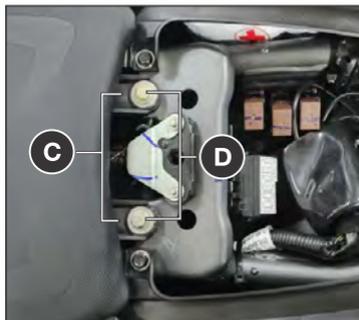
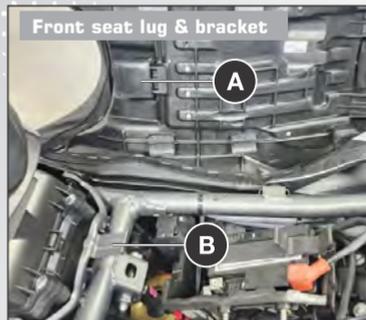
- First remove 'Rear seat'.
- Remove 'Front seat' mounting bolts (B).
- Pull backward rear end of 'Front seat'.
- Take out 'Front seat'.



Battery

- It is located below 'Front seat'.

Fitment of Front & Rear Seat



Fitment of 'Front Seat'

- Match the lugs of 'Front seat' (A) with chassis bracket (B).
- Push 'Front seat' toward petrol tank.
- Match 'Front seat' rear brackets (C) with the holes provided on chassis.
- Tighten the bolts (D).

Fitment of 'Rear Seat'

- First make sure 'Front seat' is fitted properly.
- Place 'Rear seat' on fitment location.
- Insert bracket (E) of seat into hook (F).
- Match the rod of 'Front seat' (G) with seat lock (H).
- Press front portion of seat.

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)
- **Front brake lever free play** Not applicable for disc brake vehicles.
- **Throttle cable** play of 2 ~ 3 mm. Smooth operation and positive return to closed position,
- **Brake Fluid** level above MIN mark provided on Front reservoir.

- **Drive Chain** slack of 20 ~ 30 mm adequately lubricated.
- Function of all **lights & horn**
- **Clutch lever** play - 2 to 3 mm
- **Rear Brake pedal** free play 10 ~ 20 mm
- Smooth **steering movement** without restriction
- **Main Stand / Side stand** return to their fully up position.
- Correct **inflation pressure** in both tyres Adequate tyre tread depth - no cracks / cuts.
- Correct **rear viewing** span adjustment of mirror.
- Cleaning cloth not to be kept in vicinity of high temperature zone e.g. engine, silencer assy, starter motor etc.

How to Ride Your Bike



1. Starting The Engine :

- Ensure minimum 3 liters petrol is available in fuel tank.
- Turn ignition switch key to 'Q' position.
- Put Kill switch in 'Q' position.
- Confirm that transmission is in neutral / press the clutch lever.
- Keep throttle closed & press starter button,
- Release starter button as soon as engine starts.

Note :

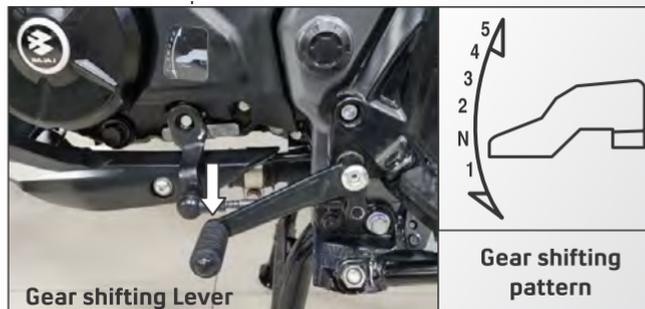
The motorcycle is equipped with a Clutch switch. This switch facilitates engine starting in neutral and gear position.

Gear Position	Clutch lever position
Neutral	Released
Gear	Fully pressed

- Do not let the engine idle longer than 3 minutes otherwise it will overheat.
- In case of battery discharged condition please bring the vehicle to Bajaj Authorized workshop for repairs

2. Shifting Gears :

- Close throttle & press the clutch.
- 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.
- Press 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.

How to Ride Your Bike



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.

Recommended Speed for Shifting Down

From 5 th to 4 th Gear	45 km/h
From 4 th to 3 rd Gear	35 km/h
From 3 rd to 2 nd Gear	25 km/h
From 2 nd to 1 st Gear	15 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. De-clutch as necessary to avoid engine stalling.
- Never lock the brakes, or it will cause the tyres to skid. When cornering, use brakes judiciously and do not de-clutch. Reduce your speed before you get into the corner. For emergency braking, disregard downshifting, and concentrate on applying brakes as hard as possible without skidding.



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How to Ride Your Bike

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. Parking the Vehicle :

- Support the motorcycle on a firm level surface with the side stand / main Stand
- Lock the steering.



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

7. 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	10	20	30	35	45
1000 - 2000	15	30	40	45	55

- 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 workup into the engine.

How to Ride Your Bike



Fuel Saving Tips :

A well maintained vehicle and good driving can contribute a lot to the saving of petrol. Following are a few simple fuel saving tips.

Fuel Saving Tips :

A well maintained vehicle and good driving can contribute a lot to the saving of petrol. Following are a few simple fuel saving tips.

- Ride smoothly and steadily at an optimum driving speed to get best mileage.
- Avoid harsh braking.
- 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.

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.

Ensure following maintenance points to get optimum performance from your bike.

Fuel	Check fuel lines & connections for leakage.
Spark Plugs	Inspect and clean spark plugs. Adjust electrode gap. Replace spark plugs as per P.M. Chart.
Air Filter	Clean the air filter element periodically. Replace as per Periodic Maintenance Chart.
Engine Oil	Check engine oil level. Always use recommended grade and quantity.
Brakes	Ensure that the brakes are not dragging / binding.
Clutch	Ensure correct clutch lever play.
Tyre Air pressure	Always maintain recommended tyre pressure.
Brake Fluid	Always maintain brake fluid level above minimum mark. Ensure no leakage of brake fluid in brake system.

Safe Riding Tips



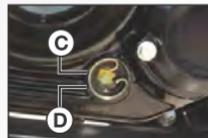
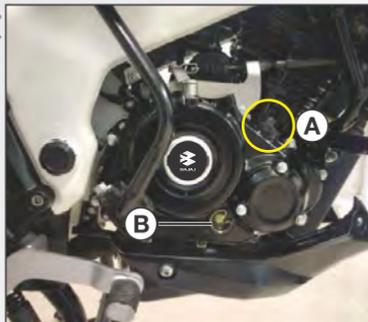
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- Always wear Helmet while driving or riding. Your helmet should conform to Indian standards.
- Read thoroughly the instructions given in this manual and follow them carefully.
- Avoid unnecessary accessories for the safety of both rider and other 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 vehicle to lose control.
- Riding at proper speed, avoiding unnecessary acceleration and proper braking are important for safety, low fuel consumption and longer life of the vehicle.
- During monsoon, drive vehicle more cautiously. Remember vehicle skid more easily during light showers.
- Keep both hands firmly on handle bar & both feet securely on rider footrest. Do not take away both hands & / or feet from resting area as this is very unsafe.
- Do not use mobile phones while riding as it could lead to fatal accident.
- It is suggested to customer to take appropriate care in area of heavy monsoon or high rainfall area. The appropriate surface preventive coat to avoid rusting / poor surface finish on account of adverse atmospheric conditions.
- Always carry vehicle registration & insurance papers, and a valid driving licence with you.

General Maintenance Tips :

- 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
- Drive cautiously. Start early & reach your destination safely.
- 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



- A : Oil Filler Cap
B : Oil Level Gauge
C : Upper Level
D : Lower (Min) Level

Engine Oil Level Checking :

- Check engine oil level every day. Park vehicle on center stand.
- Check oil level through oil level gauge 'B'.
- Always maintain engine oil level between upper (C) and lower (D) mark provided on Cover RH. 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

Recommended Engine Oil:

Always insist on Bajaj Genuine Engine Oil for optimum engine performance and to avail warranty benefits. It is a specially formulated oil for Bajaj Motorcycles.

Model	Recommended Engine oil	Grade
Pulsar NS125	Bajaj 10000 BS6 Compliant	SAE 20W50 JASO 'MA2' API SN

- For all BS6 Vehicles, above BS6 compliant engine oil is to be used only. Use of BS6 engine oil will give prolonged life of catalytic convertor.
- Engine oil replacement frequency : 1st service & then every 10,000 Km.
- Engine oil level top-up frequency : Every 5000 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.
- Do not reuse drained oil.

Tubeless Tyre



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Tubeless Tyre :

- In this motorcycle tubeless tyres are fitted.
- Tyre seating edge area of wheel rim should not get damaged while removing / fitment of tyre. Inadequate sealing will lead to air leakage.

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.

Tyre Pressure :

- Keep recommended tyre pressure (refer Technical Specifications) to increase life of the tyre & for better fuel consumption.
- Tyre warranty is settled by tyre manufacturer.
- Decision is taken based on tyre wear and running of vehicle.
- BAL settles tyre warranty for only imported tyres.

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

Battery



Battery : 12V - 4Ah VRLA

- Battery is located below front 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.
- Battery make may differ from vehicle to vehicle.



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 of the same.
- When low battery icon pop-up on speedometer display, it is advised to reach Bajaj dealer & get it charged immediately.
- Warranty on battery is 18 months from the date of purchase of vehicle.

How to keep battery healthy ?

- Switch 'Off' ignition when engine is not running.
- Get battery checked/ charged during periodic services.
- **Do not add extra electrical accessories such as - Remote, Bigger Horn, Musical brake light etc. This will reduce life of battery**
- Disconnect battery +ve & -ve wires if vehicle is to be stored for more than 2 weeks. This avoids self discharge.

Periodic Maintenance Information



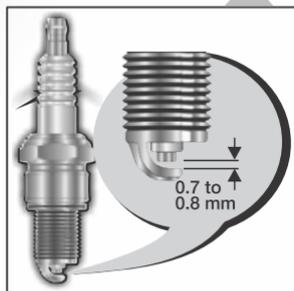
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Spark Plug

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

Spark Plug Gap : 0.7 to 0.8 mm.

Spark Plug : 1 Nos.



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.



Periodic Maintenance Information



Drive Chain Cleaning



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

Drive Chain (O-ring type)

- '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.**



Drive Chain Lubrication

Method of O-ring Chain Lubrication :

- Park vehicle on center stand.
Clean the chain by using lint free cloth (If excessive mud / slush found approach Bajaj Service Center 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



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Front Brake Fluid Reservoir



Front Brake Fluid Level

- Front brake fluid reservoir is located on RH side of Handle bar.
- To check the brake fluid level, Park the vehicle on center stand 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.

ANTILOCK BRAKING SYSTEM (ABS)



- Single Channel ABS System is fitted in these vehicles
- Single Channel ABS means ABS is fitted on Front wheel Only.
- 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 by pressing Front brake lever under conditions which may lock the wheels, you feel a corresponding sensation (pulsation) in Front brake lever. This is normal and it means ABS is active.
- Also it is recommended to use both front and rear brakes simultaneously.
- Always slow down when cornering. The anti-lock brake system cannot prevent accidents resulting from excessive speeds.
- Never drive by disconnecting wheel speedometer cable.



Regular cleaning not only enhances the appearance of your motorcycle but also plays a crucial role in maintaining its performance and extending its life by preventing rust, corrosion, and premature wear. We recommend following the guidelines below:

Washing Preparation:

- Ensure the engine and all hot components have completely cooled.
- Cover sensitive parts such as the muffler tail end, speedometer, headlamp, tail lamp, Indicators and control switches to prevent water entry and avoid damage or fogging.

Washing Instructions:

- Rinse the vehicle with clean water using a low-pressure spray to remove loose dirt and debris.
- Avoid spraying water directly on electrical, electronic components, the Oil cooler, lights, switches, or the muffler.
- Use a neutral pH bike cleaner; avoid harsh chemicals or household cleaning agents.
- Clean surfaces gently with a sponge or soft brush to prevent scratches.
- Rinse and wipe using a clean microfiber cloth, followed by thorough drying with low air pressure.
- Ensure all electrical connections are clean and moisture-free.
- Lubricate the drive chain and other moving parts after washing and drying.

Important Do's & Don'ts:

- Recommended washing pressure is up to 20 bar; maintain a 2-meter distance and avoid directing the jet at any spot for more than 10 seconds to prevent damage to electrical components like LCDs, LEDs, and other sensitive parts.
- Do not spray water into the air cleaner or throttle body, as it may cause starting issues.
- Avoid removing the seat or any other components during pressure washing to prevent water ingress.
- After washing, gently apply brakes at low speed to dry them; clean brake discs or pads if necessary.
- For matte-painted surfaces, avoid using wax or polish. Instead, clean with mild detergent and a soft cloth.

⚠ Note : Headlight lenses may temporarily fog up after washing or riding in the rain. This is normal and does not affect functionality. However, if the moisture/water accumulation is high, please visit the nearest BAL dealer for vehicle inspection.

Following these simple steps will help keep your motorcycle in excellent condition and ensure its reliable performance.

Free Service Guidelines



Instruction to avail Free Service through Digitized Free Service Coupon

Please follow following procedure : -

- Please provide your mobile number to Dealer at the time of buying of new Bajaj Vehicle.
- In case of change in mobile number, please update to Dealer / ASD.
- When you are at Dealership / ASD workshop for availing Free Service, you will receive the 'Unique Coupon Number' (UCN) through SMS in your mobile.
- Please inform the UCN to Dealer / ASD at the time of Free Service.
(ASD-Authorised Service Dealer)

Periodic Service Criteria

Service	Days	Kms	whichever occurs earlier
1st Free Service	30~45	500~750	
2nd Free Service	240	4500~5000	
3rd Free Service	360	9500~10000	
Subsequent Paid services	120 Days from last Service	Every 5000 Km after previous service	

Availing all Free / Paid Services, replacing mandatory periodic parts & engine oil will entitle warranty eligibility.

Periodic Maintenance & Lubrication Chart



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Sr. No.	Activities / Check points	Recommended frequency - Service interval & Kms							
		Servicing	1st (Free)	2nd (Free)	3rd (Free)	4th	5th	6th	7th
		KMS	500 750	4500 5000	9500 10000	14500 15000	19500 20000	24500 25000	29500 30000
1.	Servicing with water wash	✓	✓	✓	✓	✓	✓	✓	✓
2.	Engine oil (Bajaj 10000 oil)	Top-up,R	R	Top-up	R	Top-up	R	Top-up	R
3.	Engine oil Filter	R	R		R		R		R
4.	Oil strainer	CL	CL		CL		CL		CL
5.	Air cleaner element** & air filter cover 'O' ring. Drain tube cleaning.	R					R		
6.	Spark plug clean & check gap	CL,A, R			CL,A		CL,A		R
7.	Valve tappet clearance	C, A				C, A			C, A
8.	Engine breather tube for cracks.	C,R			C,R	C,R	C,R	C,R	C,R
9.	EVAP system Hoses- check for cracks & leakages.	C,R		C,R	C,R	C,R	C,R	C,R	C,R
10.	Throttle body cleaning	CL		CL	CL	CL	CL	CL	CL

Periodic Maintenance & Lubrication Chart



Recommended frequency - Service interval & Kms									Remarks
8th	9th	10th	11th	12th	13th	14th	15th	16th	
34500 35000	39500 40000	44500 45000	49500 50000	54500 55000	59500 60000	64500 65000	69500 70000	74500 75000	
✓	✓	✓	✓	✓	✓	✓	✓	✓	Ensure to prevent water entry in Petrol tank, Silencer & electrical parts. Use caustic free detergent for washing.
Top-up	R	Top-up	R	Top-up	R	Top-up	R	Top-up	Use BGO 20W50 BS6 Compliant Oil level window cleaning at every 10000 kms by petrol spray & nylon brush.
	R		R		R		R		Replace oil filter in 1st service & at every 10000 km.
	CL		CL		CL		CL		Oil strainer cleaning at the time of oil change.
	R				R				Replace viscous filter at every 20,000 km.
	CL,A		CL,A		R		CL,A		Replace at every 30000 km.
		C, A			C, A			C, A	
C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	Replace if required
C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	Replace if found cut / damaged
CL	CL	CL	CL	CL	CL	CL	CL	CL	Clean at every 5000 km with recommended throttle body cleaning agent.

Periodic Maintenance & Lubrication Chart



Sr. No.	Activities / Check points	Recommended frequency - Service interval & Kms							
		Servicing	1st (Free)	2nd (Free)	3rd (Free)	4th	5th	6th	7th
		KMS	500 750	4500 5000	9500 10000	14500 15000	19500 20000	24500 25000	29500 30000
11.	Silencer drain hole cleaning	CL			CL	CL	CL	CL	CL
12.	Wiring harness connections, routine & Conduit / PVC sleeve inspection.	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T
13.	Battery, connections & health by load tester. +ve terminal cap fitment.	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T
14.	Ignition switch contacts cleaning	CL,L			CL,L	CL,L	CL,L	CL,L	CL,L
15.	HT coil connections	C,T		C,T	C,T	C,T	C,T	C,T	C,T
16.	Starter motor & starter relay connections	C,T		C,T	C,T	C,T	C,T	C,T	C,T
17.	Check fault code, Clear fault history, Update latest hex file if applicable	C	C	C	C	C	C	C	C
18.	sealed Drive chain wear**- Clean, Lubricate & adjust. Replace if required	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A
19.	Main stand & side stand both pivot pin	C,L					C,L		

Periodic Maintenance & Lubrication Chart



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Recommended frequency - Service interval & Kms									Remarks
8th	9th	10th	11th	12th	13th	14th	15th	16th	
34500 35000	39500 40000	44500 45000	49500 50000	54500 55000	59500 60000	64500 65000	69500 70000	74500 75000	
CL	CL	CL	CL	CL	CL	CL	CL	CL	
C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	Damaged conduit / PVC sleeves protection by applying electrical tape film
C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	Apply petroleum jelly on battery terminals. Use midtronics battery tester
CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	Use recommended WD40 spray
C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	
C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	
C	C	C	C	C	C	C	C	C	
CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	During 1st free service use OKS spray for chain cleaning without removing chain from vehicle. During other services clean chain with Diesel+SAE 90 oil ration of 50:50 & lubricate by SAE 90 oil.(Customer to use OKS chain lub spray at every 500 kms)
	C,L				C,L				Use recommended AP grease.

Periodic Maintenance & Lubrication Chart



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Sr. No.	Activities / Check points	Recommended frequency - Service interval & Kms							
		Servicing	1st (Free)	2nd (Free)	3rd (Free)	4th	5th	6th	7th
		KMS	500 750	4500 5000	9500 10000	14500 15000	19500 20000	24500 25000	29500 30000
20.	Steering play	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A
21.	Steering stem bearing & Cap steering bearing (Plastic)**	C,CL,L			C,CL,L		C,CL,L		C,CL,L
22.	Front fork oil & seal	C,R	C,R	C,R	C,R	C,R	C,R	C,R	R
23.	Rear Brake Shoes	C,R	C,R	C,R	C,R	R	C,R	C,R	R
24.	Rear Brake Cam	CL,L		CL,L	CL,L	CL,L	CL,L	CL,L	CL,L
25.	Swing arm NRB for more play	L							
26.	Front Brake pads for wear limit.	C,R	C,R	C,R	C,R	R	C,R	C,R	R
27.	Check source of leakages if any in the brake system. Check Front brake hose condition. Check Brake fluid level and top up, if needed.	C,A,R	C,A,R	C,A,R	C,A,R	C,A,R	C,A,R	C,A,R	R
28.	Rear sprocket fasteners for looseness.	C,T	C,T		C,T		C,T		C,T
29.	Rear wheel rubber shock dampers for excess play.	C,R			C,R		C,R		C,R
30.	Fairing & windshield well nuts for rubber cracks.	C,R			C,R	C,R	C,R	C,R	C,R
31.	Clutch & Throttle cables free play adjustment	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A
32.	Rear Brake Pedal	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A
33.	Head light focus adjustment	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A
34.	Check & confirm all bulbs / switches working.	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A

Periodic Maintenance & Lubrication Chart



Recommended frequency - Service interval & Kms									Remarks
8th	9th	10th	11th	12th	13th	14th	15th	16th	
34500 35000	39500 40000	44500 45000	49500 50000	54500 55000	59500 60000	64500 65000	69500 70000	74500 75000	
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
	C,CL,L		C,CL,L		C,CL,L		C,CL,L		Replace if required. Use Limaplex grease for lubrication
C,R	C,R	C,R	C,R	C,R	R	C,R	C,R	C,R	Replace fork oil, oil seal and dust seal in pair at every 30000 km.
C,R	C,R	R	C,R	C,R	R	C,R	C,R	R	
CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	Use AP grease.
	L								Lubricate at every 40,000 km.
C,R	C,R	R	C,R	C,R	R	C,R	C,R	R	Replace at every 15000 km.
C,A,R	C,A,R	C,A,R	C,A,R	C,A,R	R	C,A,R	C,A,R	C,A,R	Check & Top up DOT 4 brake oil in every service. Replace DOT 4 brake oil & Master / Caliper seals at every 30000 km.
	C,T		C,T		C,T		C,T		Use model wise torque values.
	C,R		C,R		C,R		C,R		Replace rear wheel rubber shock damper if required
C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	Replace if required.
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	Replace cables if operation found hard.
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	Contact type switches if found sticky then use recommended WD40 spray

Periodic Maintenance & Lubrication Chart



Sr. No.	Activities / Check points	Recommended frequency - Service interval & Kms							
		Servicing	1st (Free)	2nd (Free)	3rd (Free)	4th	5th	6th	7th
		KMS	500 750	4500 5000	9500 10000	14500 15000	19500 20000	24500 25000	29500 30000
35.	General lubrication – Clutch lever	L	L	L	L	L	L	L	L
36.	Tyre air pressure.	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A
37.	Mirror position & joint firmness.	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A
38.	Mobile USB port	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R
39.	All fasteners tightness, few are,	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T
	1. Front & rear axle,								
	2. Swing arm axle,								
	3. Engine foundation,								
	4. Rider foot rest,								
5. Pillion stay									

****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.

Periodic Maintenance & Lubrication Chart



Recommended frequency - Service interval & Kms									Remarks
8th	9th	10th	11th	12th	13th	14th	15th	16th	
34500 35000	39500 40000	44500 45000	49500 50000	54500 55000	59500 60000	64500 65000	69500 70000	74500 75000	
L	L	L	L	L	L	L	L	L	Use recommended AP grease.
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	Ensure model wise tyre air pressure.
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	Charging OK to be checked at engine start condition using LED USB light
C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	Use model wise torque values.

Non-Use Maintenance



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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 fuel system).
- Remove spark plug & put several drops of Engine oil into the cylinder. Crank 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 battery / BAL dealer
 - Apply petroleum jelly on battery terminals.

Preparation for regular use after storage:

- Follow daily safety checklist mentioned on page No. 25.

Warranty : Scope & Limit



Bajaj Auto Limited provides the following warranty in respect of the “**Pulsar NS 125 BS VI**” motorcycle manufactured by us.

Every possible care and precaution has been taken to ensure quality in respect of the material & workmanship in the vehicles manufactured by us. Bajaj Auto Limited will repair or replace at their Authorised Workshops, free of charge, part or parts there of as may be found, on examination, to have manufacturing defect within a period of 5 Years or 75,000 Kms., whichever is earlier from the date of sale subject to fulfillment of conditions stipulated in part A, B & C given here under

Note : Warranty is applicable for only first owner of vehicle.

Part A:

Warranty claims in respect of such items like shock absorbers, speedometers etc. though claimed through us, are subject to acceptance of the respective manufacturers. In all such cases the decision of the respective manufacturer will be final and binding.

Proprietary parts like tyres, tubes, battery are warranted by their respective manufacturers and should be claimed on them directly by the customer. Bajaj Auto Limited shall not be Liable to replace them though their dealer, however

Bajaj Dealers will provide full assistance in referring such claims with respective manufacturer.

Bajaj Auto Limited undertake no liability in the matter of consequential loss or damage caused due to the failure of the parts. Delay, if any, at the repairing workshop in carrying out repair to vehicle shall not be a ground for extending the warranty period, nor shall it give any right to the customer for claiming any compensation for damages.

Bajaj Auto Limited reserves the right either to repair or replace the defective parts.

Where a defective part can be replaced by part/s of alternative brand/s, which are normally used by Bajaj Auto Limited in the course of manufacture, Bajaj Auto Limited reserves the right to carry out the replacement by a part or parts of any such alternative brand/s.

This warranty and any claim arising there, is subject to Pune jurisdiction only.

Part B:

No claim for exchange or repair can be considered unless the customer :

- a. Ensures that immediately upon detection of the defect, he approaches any nearest Authorised Bajaj Vehicle Dealers & Recommended Authorised Service Dealers with the concerned vehicle and enables him to remove

Warranty : Scope & Limit



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and despatch the part / parts attributing to the manufacturing defect to the Company.

- b. Produces the Owner's Manual, in original, to enable that dealer to verify the details.

It must be expressly understood that claims forwarded directly to us by the owner / customer will not be entertained at all and such defective part/parts thus forwarded by them will lie at our factory at their own risk, and this warranty shall not be enforceable.

To avail benefits of warranty, following are mandatory

1. Availing of Initial 3 Free Services without lapse.
2. Availing paid services at subsequent 5000 kms. or 120 days from last service whichever is earlier without any lapse.
3. Availing of all services at the Authorised Vehicle Dealers & Recommended Authorised Service Dealers.
4. Usage of only recommended engine oil "**Bajaj 10000**" at specified frequency for drain interval of 10,000 kms. & engine oil level top-up at 5000 kms.
5. Replacing mandatory periodic parts such as air filter, oil filter etc. as per periodic maintenance schedule.

Part C :

Further this warranty is NOT applicable to :

1. Normal maintenance operations like brake & clutch adjustments, cleaning of fuel system, engine tune-up or such other adjustments.
2. Parts subjected to normal wear & tear like Clutch Plates, Brake Shoes, Chain, Sprockets, Fork Oil Seal, Spark Plug, Control Cables, Brake Pads.
3. Replacement of bulbs & rubber components like grommets, 'O' rings, bellows as well as filters, packings, gaskets, fasteners etc.
4. Painted parts. Only blistering or peeling off of paint film are covered under warranty. Any defect arising out due to external damages or due to usage of protective covers /additional protective coatings adverse atmospheric conditions etc. are not allowed like under warranty.
5. All consumables like Engine oil, Fork oil, Brake Oil, Grease etc. are chargeable to customer.
6. Any defect arising due to above consumables not changed as per scheduled or if used other than the recommended one.
7. Never drive your bike through flooded roads or a flooded patch, as damages to the engine parts due to water entry is not covered under warranty.

Warranty : Scope & Limit



8. All chrome plated parts are prone to rust or corrosion in coastal area or in acidic environment or due to neglected cleaning etc. However chrome film peeling is covered under warranty in general atmospheric conditions. Blue/ Yellow colouration of silencer near exhaust port is permissible and hence not covered under warranty.
 9. Oxidation of unpainted/painted crankcase, cylinder block, cylinder head etc. in acidic environment or in a coastal area.
 10. Parts of the vehicle that have been subjected to misuse, accident, negligent treatment OR which have been used in conjunction with parts & an equipment not manufactured or recommended for use by Bajaj Auto Limited, if found is the sole judgement of Bajaj Auto Limited, such use prematurely affects the performance and reliability of the vehicle.
 11. Parts of the vehicle that have been altered and modified or replaced in unauthorized manner like use of wider tyres, loud silencers etc and which in the sole judgement of the Bajaj Auto Limited affects its performance and reliability.
 12. **Vehicles which are not being serviced at recommended BAL authorized dealers as per the service schedule described or which have not been operated or maintained in accordance with the instructions maintained in the Owner's Manual.**
 13. Vehicles used for any competition or race and/or for attempting to set up any kind of record.
 14. Any failure arising due to use of adulterated or bad quality fuel.
Parts affected due to bad fuel quality are not covered Under warranty.
 15. If additional electrical accessories such as - Remote, Bigger horn, Musical brake light etc. fitted on vehicle.
 16. If the vehicle has been used for commercial purpose like Taxi or any other means of commercial transportation.
- Bajaj Auto Limited reserves the right to make any changes in design or to add any improvements on the vehicle at any time without incurring any obligation to install the same on a vehicle previously supplied and sold. Also, the conditions of this warranty are subject to alteration without any notice.
- This warranty is the entire written warranty given by Bajaj Auto Limited for **Pulsar NS 125 BS VI** motorcycle and no other dealer or its or his agent or employee is authorised to extend or enlarge this warranty.

Battery Warranty Card



BATTERY WARRANTY CARD

MAKE OF BATTERY : MFG. CODE OF BATTERY :

BATTERY SR. NO.: BATTERY CHARGING DATE :

TYPE OF BATTERY : VEHICLE SALE DATE :

NAME OF OWNER AND ADDRESS :

.....

TYPE OF VEHICLE : REG. NO.:

FRAME NO.: ENGINE NO.:

SERVICE RECORD

Sr. No.	Date	Age Mths.	Voltage	Remarks	Dealer's Stamp & Signature	*Code
1						
2						
3						
4						
5						
6						

* Code For Remarks:

- AE : Electrical system needs attention.
- IR : Insufficient running of vehicle.
- CB : Cover broken.
- BC : Broken Container.
- PM : Poor maintenance.
- BA : Battery abused.

Note : Customer should insist that "Service Record" must be filled by respective authorised battery dealer as proof of specified maintenance for easy settlement of claim, if any.

**TO BE FILLED IN BY BATTERY DEALERS / DISTRIBUTORS
IN CASE OF CLAIM**



Name of Dealer & Code : _____

Date of claim : _____ Battery Type : _____

Serial No. : _____ Date of Fitment : _____

Failure Mode (Please tick as applicable)

- Loose connection
- Internal Short
- Plate Shedding
- Wrong Assembly
- Wrong Application
- Overcharge / Undercharge
- Reverse Charge
- Does not Hold Charge
- Left Lying Idle
- Terminal Corroded

Claim Accepted

Claim Rejected

Details of Repair, if any _____

Note:

Please contact nearest respective authorised battery dealer for details immediately after purchase of vehicle.

Use only Bajaj Genuine Parts



Always Use
Bajaj Genuine
High Performance
Engine Oils

4T
Premium
Engine Oil

BAJAJ
10,000

20W 50



BAJAJ
10,000

20W 50



Top up
bottle

Long Drain Interval of 10,000 kms*



Reduced Friction



Clean Engine Parts,
Longer Engine Life



Smooth Clutch
Control



* Top up recommended at 5,000 kms



We are committed to provide the best of sales & service experience, however should you require any additional assistance, please call our Call centre on the number given below.



:7219821111

Call charges are as applicable

**Call centre timings :- Monday to Sunday
(09 : 00 am - 08 : 00 pm)**



Please download customer care app from '**Google play store**' and '**Apple store**' and book the vehicles for servicing and more on your phone.

E-mail : customerservice@bajajauto.co.in

Web Site : www.bajajauto.com

CIN : L65993PN2007PLC130076