LOVED IN 70 COUNTRIES

pulsar N160

BAJAJ THE WORLD'S FAVOURITE INDIAN

Owner's Manual



To keep your bike in perfect running condition, please follow the periodic maintenance services which includes **3 Free and subsequent Paid services,** as per the schedule contained in this booklet.

अपनी बाइक को सही चलती हालत में रखने के लिए, कृपया आवधिक रखरखाव सेवाओं का पालन करें जिसमें **३ नि:शुल्क और बाद में भुगतान सेवाएं शामिल हैं,** इस पुस्तिका में दिए गए अनुसूची के प्रति।

आपली बाईक परिपूर्ण स्थितीत चालू ठेवण्यासाठी कृपया या बुकलेटमध्ये दिलेल्या शेड्यूलनुसार पीरिऑडिक मेन्टेनन्स सर्व्हिसेचे अनुकरण करा. **यात 3 फ्री आणि त्यानंतरच्या पेड सर्व्हिसेस समाविष्ट आहेत**.

ನಿಮ್ಮ ಬೈಕ್ ಸಂಪೂರ್ಣ ಚಾಲನಾ ಸ್ಥಿತಿಯಲ್ಲಿರಿಸಲು, ದಯವಿಟ್ಟು ಈ ಕೈಪಿಡಿಯಲ್ಲಿ ನಮೂದಿಸಲಾದ ಶೆಡ್ಯೂಲ್ ನಂತೆ ನಿಯತಕಾಲಿಕ ನಿರ್ವಹಣಾ ಸೇವೆಗಳನ್ನು ಅನುಸರಿಸಿ. ಇವು 3 ಉಚಿತ ಮತ್ತು ನಂತರ ಪಾವತಿ ಸೇವೆಗಳನ್ನು ಒಳಗೊಂಡಿರುತ್ತವೆ.

உங்களுடைய பைக்கை மிக நன்றாக ஓடும் நிலையில் வைத்திருப்பதற்கு, இந்தக் கையேட்டில் கொடுக்கப்பட்ட அட்டவணையில் உள்ளவாறு 3, லவச மற்றும் தொடர்ச்சியான கட்டண சேவைகளை உள்ளடக்கிய காலமுறை பராமரிப்பு சேவைகளை தயவு செய்து பின்பற்றவும்.

మీ బైక్ చక్కటి రన్నింగ్ కండిషన్ లో ఉండాలంటే బుక్ లెట్లో ఉన్న షెడ్యూల్ ప్రకారం క్రమం తప్పకుండా మెయింటెనెన్స్ సర్వీసు చేయించండి, ఇందులో **3 ఉచిత సర్వీసులు, ఆ తర్వాత పెయిడ్ సర్వీసులు ఉన్నాయి.**

നിങ്ങളുടെ ബൈക്ക് തികഞ്ഞ റണ്ണിംഗ് കണ്ടീഷനില്സംരക്ഷിക്കാന്3 സൗജന്യവും തുടര്ന്ന് പണം നല്കിയുള്ളതുമായ മെയ്ന്റനന്സ് സര്വീസുകള്ഉയവായി സമയാനുസൃതം ഈ ബുക്ക്ലറ്റിലെ ക്രമപട്ടികയില് കാണിച്ചപ്രകാരം പാലിക്കുക.

আপনার বাইক নির্ভুলভাবে চালু অবস্থায় রাখার জন্য, নির্দিষ্ট সময় অন্তর রক্ষণাবেক্ষণ পরিষেবা অনুসরণ করুন যার মধ্যে আছে ৩টি বিনামূল্যে এবং পরবর্তী মূল্যভিত্তিক পরিষেবা, এই পুস্তিকার অন্তর্ভুক্ত তালিকা অনুযায়ী।

ଆପଣଙ୍କର ବାଇକ୍‌କୁ ଉପଯୁକ୍ତ ରନିଂ ଅବସ୍ଥାରେ ରଖିବା ପାଇଁ ପିରିଓଡିକ୍ ମେଂଟେନାନ୍ସ ସର୍ଭିସ୍‌କୁ ଅନୁସରଣ କରନ୍ତୁ ଯେଉଁଥିରେ ଅନ୍ତର୍ଭୁକ୍ତ ରହିଛି 3 ଟି ମାଗଣା ଓ ପରବର୍ତୀ ପେଡ୍ ସର୍ଭିସ୍ ଯାହାର ସିଡ୍ୟୁଲ୍ ଏହି ବୁକ୍‌ଲେଟ୍‌ରେ ପ୍ରଦାନ କରାଯାଇଛି ।

તમારી બાઇકને સંપૂર્ણ ચાલુ સ્થિતિમાં રાખવા માટે, કૃપા કરી નીચે મુજબ સમયાંતરની જાળવણી સર્વિસનું પાલન કરો જેમાં **૩ મફત અને પછી ચૂકવણી સર્વિસનો સમાવેશ થાય છ,** આ પુસ્તિકામાં સમાવિષ્ટ સમયક્રમ મુજબ

ਆਪਣੀ ਬਾਈਕ ਨੂੰ ਚਲਦੀ ਹਾਲਤ ਵਿੱਚ ਰਖਣ ਲਈ , ਕਿਰਪਾ ਆਵਰਤੀ-ਸੰਭਾਲ ਸੇਵਾ ਦਾ ਪਾਲਨ ਕਰੋ ਜਿਸ ਵਿੱਚ 3 ਮੁਫ਼ਤ ਅਤੇ ਬਾਦ ਵਿੱਚ ਭੁਗਤਾਨ ਸੇਵਾਂਵਾ ਸ਼ਾਮਲ ਹਨ, ਇਸ ਕਿਤਾਬ ਵਿੱਚ ਦਿੱਤੇ ਗਏ ਅਨੁਸੂਚੀ ਦੇ ਪ੍ਰਤਿ।

آپونارہ بائیکخن سٹھیکبارے چلِ تھکا سٹیتِ ءاکھیوَلے، انوگرہ کرِے نیَمیاَیا تتوارِدھان سیرا انوسرَنے کرِیرَ ی'ت انتربھُکت تھاکے **3 ٹا وِنامولیاَیا آنکہ تارہ پِچھرہ پرِیشودھ کرَا سیرا،** ایہ پُستِکاکھنت انتربھُکت انوسُچی انوسرِے ۔

اپنی بائیک کو بہترین رننگ حالت میں رکھنے کے لیے، برائے مہربانی وقت وقت سے مینٹیننس کی خدمات پر عمل کریں جس میں شامل ہیں: اس کتابچہ میں دئے گئے وقت کے مطابق 3 مفت سروسز اور بعد کی پیڈ سروسز۔

FOREWORD

Welcome to the Pulsar family! You are now the proud owner of the next generation **Pulsar N160 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 services 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, who are well equipped with all necessary facilities / genuine parts / oil and trained manpower to ensure the best care for your Pulsar. Your **Pulsar N160 BS VI** comes with a warranty of **5 year or 75 000 km**, whichever occurs earlier from the date of sale. For details please refer to "Warranty : Scope and 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**
Rev up, shift gears and enjoy the Pulsar experience...

SERVICE DEPARTMENT
BAJAJ AUTO LIMITED

TABLE OF CONTENTS

Description

1. Technical Specifications..... 1
2. Identification Data 4
3. Location of Parts 5
4. Steering cum Ignition lock 6
5. Fuel Tank Cap 7
6. Instrument Cluster Details 8
7. Instrument Cluster Setting/ Mobile Charger..... 16
8. Bajaj Ride Connect..... 18
9. Control Switches 20
10. Seat / First Aid Kit / Tool kit 23
11. Battery / Fitment Of Seat..... 24
12. Antilock Braking System (ABS)..... 25
13. Daily Safety Checks/ Instructions for Customer..... 26
14. How to ride your Bike 27
15. Safe Riding Tips 31
16. Engine Oil 32
17. Tubeless Tyre &. Tyre Pressure 33
18. Battery..... 34
19. Periodic Maintenance Information 35
20. Brake Fluid 37
21. Vehicle Cleaning and Washing Care..... 38
22. Monsoon Care..... 39
23. Free Service Guidelines 41
24. Periodic Maintenance & Lubrication Chart..... 42
25. Non Use Maintenance 50
26. Delivery Certificate 51
27. Warranty : Scope & Limit 52
28. Battery Warranty Card 55

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.

Note

This message provides further clarification for clear understanding of any particular information.

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

Parameter	Specifications
Engine	4 Stroke, Single Cylinder
Bore x Stroke	58 mm x 62.38 mm
Engine Displacement	164.82 cc
Compression Ratio	10.3 ± 0.3 :1
Idling Speed	1500 ± 100 rpm
Max. Net Power	11.77 kW (16 PS) @ 8750 rpm
Max. Net Torque	14.65 Nm @ 6000 rpm
Ignition System	DC
Fuel System	Fuel injection system
Spark Plug	1 No.
Spark Plug Gap	0.8 ~ 0.9 mm
Lubrication	Wet sump forced Lubrication
Transmission	5 speed constant mesh
Gear Shifting Pattern	1 Down 4 Up
Engine Cooling	Air cooled
Starting Aid	Electric
Front Brake	Disc Brake
Rear Brake	Drum Brake

TECHNICAL SPECIFICATIONS

Parameter	Specifications
Fuel Tank Capacity	
Full	14 L (No Reserve)
Dimensions	
Length	1990 mm
Width	769 mm
Height	1050 mm
Wheel base	1348 mm
Ground Clearance	165 mm
Tyre & Tyre Pressure	
Front Tyre	100/80-17, 52P Tubeless
Rear Tyre	130/70-17, 62P Tubeless
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	12 V DC
Battery	12 V 4 Ah VRLA
Head Lamp	LED
Tail / Stop Lamp	LED
Side Indicator	LED

TECHNICAL SPECIFICATIONS

Parameter	Specifications
Position Lamp	LED
Turn Signal Indicator	LED - Green
Neutral Indicator	LED - Green
Hi-Beam Indicator	LED - Blue
Speedometer Illumination	Reverse LCD - Monochrome
Fuel Level Indicator	Display on LCD - Bars
Malfunction Indicator	LED - Yellow
Low Oil Pressure Indicator	LED - Red
Service Reminder	Display on LCD
Side Stand Indicator	Display on LCD
ABS Indicator	LED - Yellow
Rear No. Plate Lamp	12 V, 5W Bulb
Horn	12 V DC
Vehicle Kerb Weight	148 kg.
Vehicle Gross Weight	299 kg.

Note : • All dimensions are under UNLADEN condition. • Above information is subject to change without any notice.
• This vehicle complies to BS VI standards. • AHO / DRL is government regulation.

The frame & 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 & type.

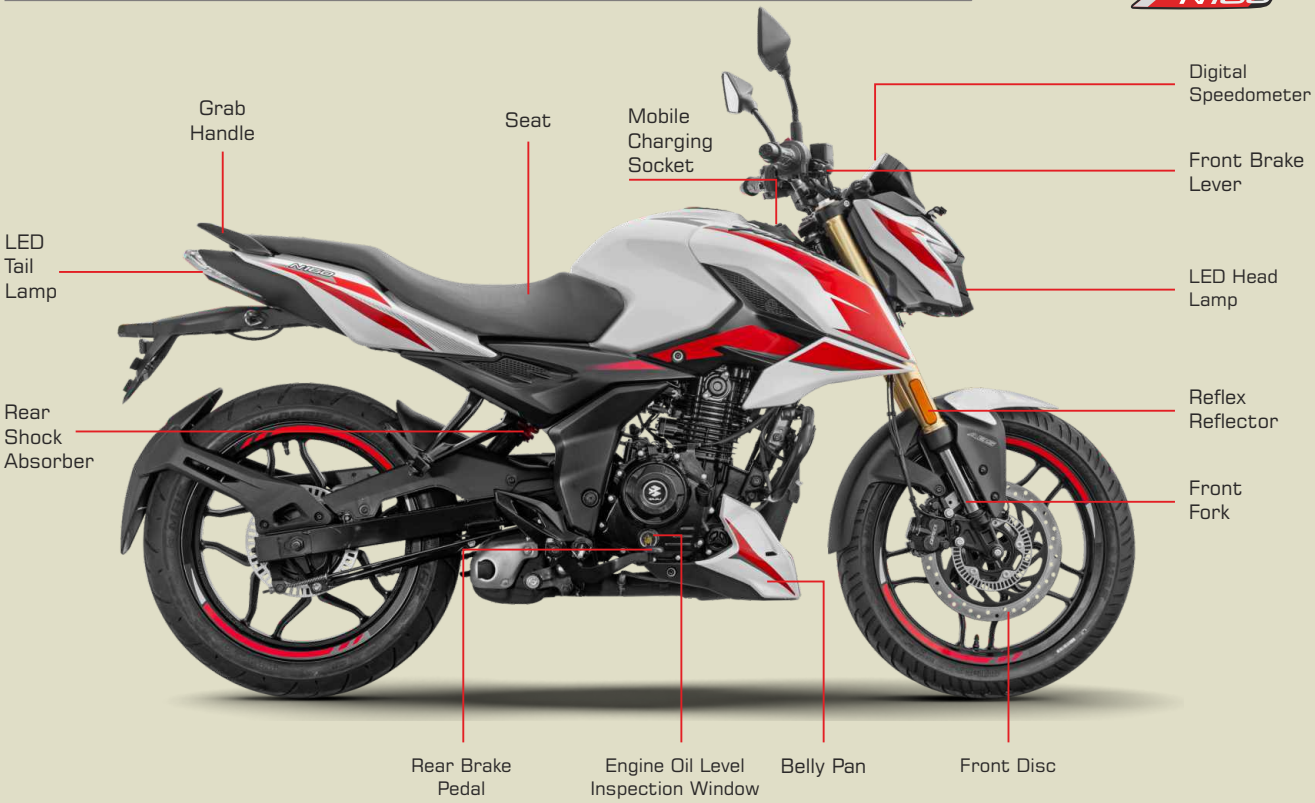


Frame Number Location
On RH Side of Steering Tube
(Alpha-Numeric - 17 Digits)

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



LOCATION OF PARTS



STEERING CUM IGNITION LOCK

Bajaj Pulsar N160 comes with a pair of identical control keys. These keys are used to operate ignition cum steering lock, fuel tank cap and seat lock.

Steering cum Ignition Lock :
It has three positions



- **Lock :** Steering locked. Ignition OFF.
- **OFF :** Steering unlock. Ignition OFF.
- **ON** : Steering unlock. Ignition ON.

Warning

Never attempt to move the vehicle when the steering is locked, you may lose balance

'ON' Position

In this position, all the electrical circuits are turned 'ON' and the engine can be started. Key cannot be removed.

'OFF' Position

In this position Engine will not start All the electrical circuits are turned 'OFF. Key can be taken out.

'Lock' Position

Turn the handlebar to the left side. Push & Rotate the key to "LOCK" Position & Remove the key.

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

Steering locking on handle position left hand side only

- Headlight control on rpm – Headlamp will be turned ON only at Engine running condition.



Fuel Tank Cap:

- To open the fuel tank cap, open the flap. Insert the key in the lock & turn it clockwise & 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 from top giving thumb pressure on top surface. 'Click' sound ensures cap is fully locked.

⚠ **Caution:**

- While operating fuel tank cap do not give pressure on tank cap flap.
- Don't attach metallic 'Key Chain' as it may damage paint of petrol tank cover.

SOP to prevent fuel stains on petrol tank

- After petrol refilling & before shutting the cap wipe the spilled petrol from the painted areas around the cap by soft dry cotton cloth.
- Shut and lock the cap fully.
- This practice needs to be followed to maintain the shine of color on petrol tank.

Glossy Finish Painted Parts Cleaning

Do's:

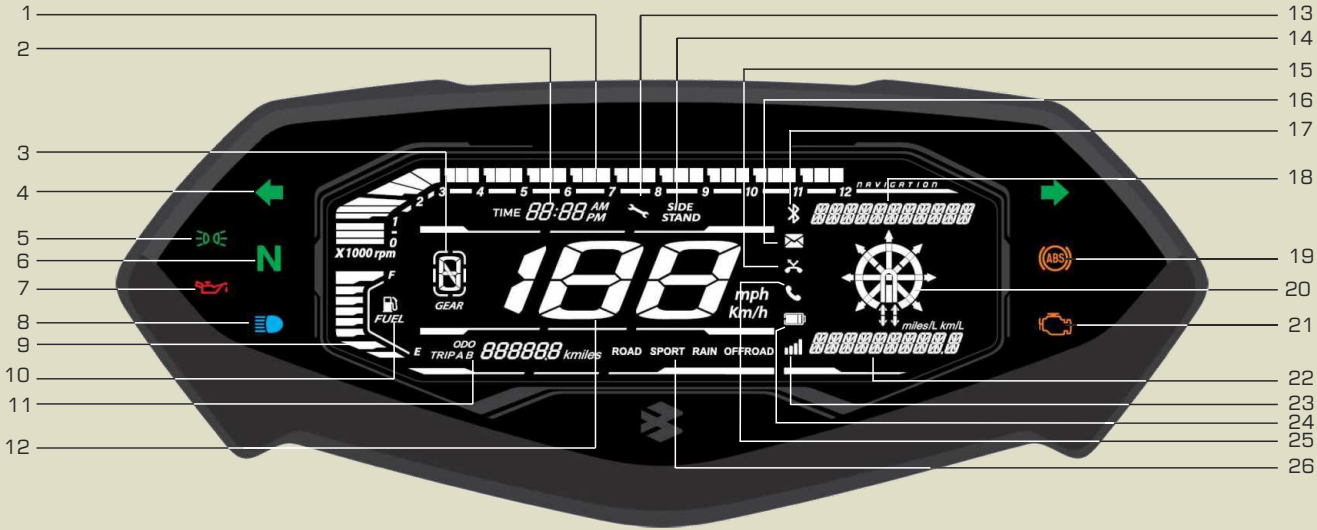
- Use Colin or caustic free solution for cleaning (1 spoon in ½ bucket water).

  Remove foreign substances like insect remains, road debris using a soft brush.
- Use microfiber cleaning cloths Ex.- Muslin cloth for painted parts cleaning.

Don'ts:

- Do not use products that are even mildly abrasive, such as polishes, glazes, or rubbing compounds.
- Do not use mechanical cleaners/polishers.
- 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.

INSTRUMENT CLUSTER DETAILS



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. **Gear Indication ( ):** It will display gear position from 1 to 5. It will display **N** when vehicle is in neutral position.
4. **Turn Signal Indicator ( ):** When Turn signal switch is pushed to Left or Right, Turn Signal Indicator - LH or RH will flash.
5. **Position lamp Indicator ( ):** It Indicates Position lamp is ON.
6. **Neutral Indicator (N):** When the transmission is in Neutral, Neutral indicator will glow.
7. **Low Oil Pressure Indicator ( ):** It glows when engine oil pressure is low.
8. **High Beam Indicator ( ):** It glows when Headlight is ON & High beam is selected with engine running.
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. **Service Reminder ( ):** 'Wrench' symbol glows when ODO meter reading reaches to set Kms. It indicates vehicle is due for periodic service.
14. **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.

15. **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.
16. **Message Alert:** If your smartphone is paired with the instrument cluster of your vehicle via bluetooth, then you will get the message alert on the instrument cluster. The incoming message alert icon will blink for 6 seconds. Post 6 seconds, message alert icon will display steady "ON".

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

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

    When the ignition key is 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.

18. **Top Multi Information Display:** It displays following information:
    - Warnings
    - Turn by Turn details

19. **ABS Indicator ((ABS)):** 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.

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" (Estimated time of arrival) and "ETD" (Estimated travel distance).
    - 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. **Malfunction Indicator ( ):** It glows whenever any abnormality is noticed in functioning of FI system related components.
22. **Bottom Multi Information Display:** It displays various information, such as Instantaneous Fuel Economy (IFE), Distance to Empty (DTE) , Average Fuel Economy (AFE) for Trip A or Trip B, Caller's name/ mobile number during call, Estimated time of arrival (ETA), Estimated travel distance (ETD), etc.
23. **Smartphone Network Range:** It will display network of your smartphone on instrument cluster of your vehicle when connected via bluetooth.
24. **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.
25. **Incoming Call Alert:** This icon will become active and displayed blinking when there is incoming call and display 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, the caller's name/ mobile number will be displayed at bottom multi-information display area. Call accept/ reject with the help of Mode button on control switch LH.
26. **Ride Modes:** Pulsar N160 is equipped with 3 distinct EMS ride modes, namely Sports Mode, Road Mode and Rain Mode along with ABS Off-Road ride 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 → SPORT → RAIN → OFFROAD).
- With series of double click (gap of less than 1 second than previous), rider can scroll through the ride modes as ROAD → SPORT → 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.
- In such event, "ABS mode err" message will displayed on Top alphanumeric display.

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.

Ride Mode Details:

A. Road Mode:

- This mode is tuned to deliver balanced power for riding in mixed traffic conditions. It offers smooth performance and comfortable handling, ensuring an enjoyable riding experience while maintaining good fuel efficiency.

B. Sport Mode:

- This mode is tuned for maximum performance, delivering a sharper throttle response and quicker acceleration.
- It enhances the bike's responsiveness, providing a more thrilling and engaging riding experience.

C. Rain Mode:

- This mode is tuned for optimal performance in slippery road conditions. It moderates power delivery and softens throttle response to improve traction and stability, prioritizing rider's safety in road conditions.

D. 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.

Instrument Cluster automatic brightness adjustment:

Instrument cluster brightness intensity is 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 below table for the intensity change as per given clock time.

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

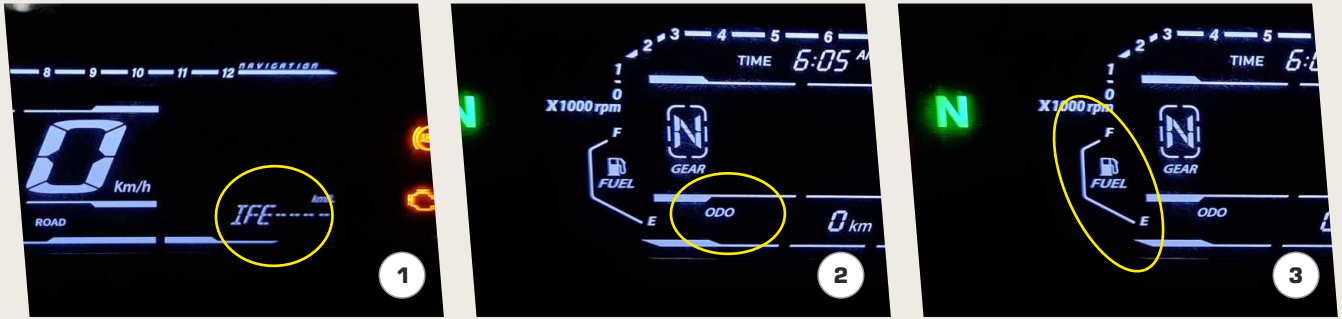
Note : After switching 'ON' the ignition switch, the following indications will remain 'ON' till engine is started.

• Low Oil Pressure. • Malfunction Indicator.

Instructions :

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

INSTRUMENT CLUSTER DETAILS - IFE & ODO



Condition

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

1. **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"
2. **ODO:** The Odometer shows the total distance that the vehicle has travelled.
3. **Fuel Level Indicator:** Fuel level is shown by digital LCD bars with (E) empty, (F) full & (⛽) fuel tank LCD symbol.

   Low fuel level icon blinks if number of bars on the fuel gauge is 1 bar or less.

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, Kill switch is ON & Mode push button pressed for less than 1 sec. - TRIP A mode gets selected & following display will be shown by digital instrument cluster.

1. **AFE A (Average Fuel economy A):** This will indicate the average fuel economy in km/L in TRIP A mode.
2. **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 B) will reset.

Procedure to set AFE B & TRIP B:

Ignition switch is ON, Kill switch is ON & Mode push button pressed for less than 1 sec. - TRIP B mode gets selected & following display will be shown by digital instrument cluster.

3. **AFE A (Average Fuel economy B):** This will indicate the average fuel economy in km/L. in TRIP B mode.
4. **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.

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

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 km.

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

Note:

IFE & DTE both are displayed at "Bottom Multi information display". When IFE is displayed, press Mode button for more than 3 seconds - DTE gets displayed in place of IFE.

TRIP Setting:

If Mode 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:

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.

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 L then DTE will be calculated based on the revised fuel volume.

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



1. Trip Meter Reset:
Mode 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 Mode 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.



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 button for more than 3 sec.

Speedometer enters in clock resetting mode.	HH digits starts blinking.
Press Mode button for less than 1 sec.	Hour digits will increase.
Press Mode button for more than 3 sec.	HH value will be stored while MM starts blinking.
Press Mode button for 1 sec.	Unit digit of Minute will increase.
Press Mode button for more than 3 sec.	Unit digit will be stored, modify Tenth digit of minute clock M.
Press Mode button for more than 3 sec.	Minutes value will be stored. AM & PM starts blinking
Press Mode button for 1 sec.	Select AM/ PM.
Press Mode 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.

'C' Type Mobile Charger

- 'C' Type Mobile charging socket has been provided on fuel tank cover.
- 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, during washing/ during rain.
- During washing, do not direct water jet towards charger socket.
- Do not use the charger socket in wet conditions to prevent permanent damage to the device or the bike's electrical system.
- Ensure charger socket is dry before using it.



- The mobile charger will supply output voltage only in engine running condition.
- Customer to use suitable charging cable for mobile charging.

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

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:

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

Service:

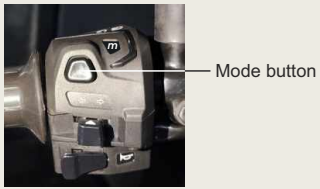
a. Book service appointment for relevant service type.
b. Locate nearby BAL workshop location.

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.



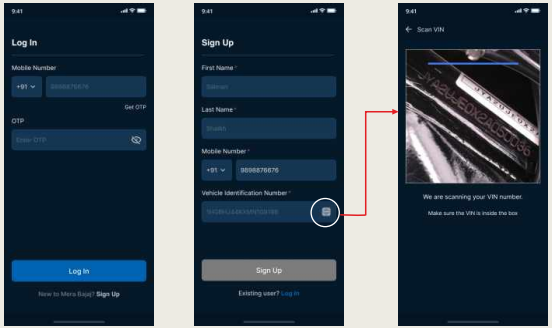


BAJAJ RIDE CONNECT

Application download:

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

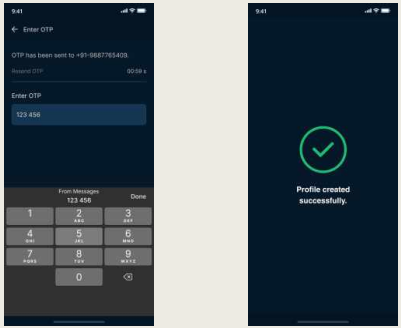
- Download the "Bajaj Ride Connect" App from Google play store/ Apple store.
- Click on "Sign up" to register in the App with your registered mobile number.
- Enter your personal details (first & last name).
- Enter VIN of your vehicle (VIN can also be scanned).
- Click on "Sign up"
- Enter OTP.
- Login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



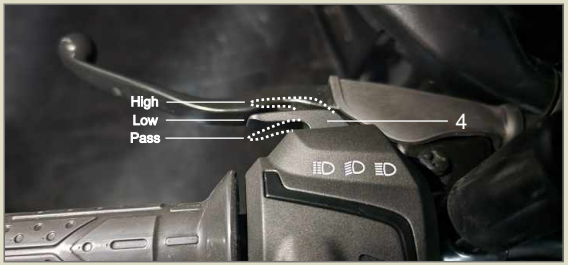


1. **Mode Button:** Mode button is used for:
   a. Call Accept/ Reject.
      - Call accept: Press Mode button for less than 1 sec.
      - Call reject: Press Mode button for more than 3 sec

   b. To toggle between Trip A, Trip B, IFE, Instrument cluster setting, Clock setting etc.
2. **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.
3. **Horn Button ( ):** Press button for sounding horn.

4. 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



Warning

Always use the appropriate turn signal indicators when you intend to change lanes or take turns. Be sure to switch it 'OFF' after negotiating the lanes or turns. Use appropriate head lamp beam 'high / low' as per the traffic and road conditions for your safety and to avoid inconvenience to other riders.

CONTROL SWITCH - RH



1. 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.

2. Engine Kill Switch:

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

: Engine OFF

: Engine ON

AHO (Automatic Headlight 'ON')
There is no 'Light Switch' on RH control switch.

Ignition switch 'ON' Engine 'OFF'	Speedometer will get 'ON'
Effect of pressing 'Pass switch'	In addition to above Hi-beam will get 'ON' & high beam indicator will get ON

Ignition switch 'ON' & Kill Switch 'ON':

Speedometer illumination, tail lamp, number plate lamp, pilot lamp & control switch illumination will get 'ON' for 60 seconds. If engine is not cranked within 60 seconds, except speedometer illumination, all lights will gets 'OFF'.

When engine is cranked in addition to above, head lamp will get ON as given below

Hi/Low Beam switch	Head Lamp Beam Status	Effect to Pass Switch
Low Beam	Low Beam 'ON'	Hi Beam 'ON'
Hi beam	Hi/Low beam 'ON'	No change



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 Seat

- Insert Key into lock (A).
- Turn the key clockwise.
- Lift the seat from rear end
- Take out Seat by sliding towards rear wheel side.



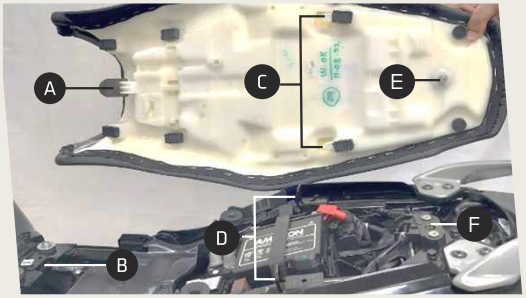
First Aid kit Location

- It is located on RH side of Seat Cowl below the Rider side of seat.

Tool Kit Location

Screwdriver & Spanner is fitted with tie band in Seat as shown in photograph.





Battery

- It is located below seat towards rear side.

Fitment of Seat'

- Slide the seat assembly towards front side:
- Front side: Lug (A) in slot below petrol tank mounting (B)
- Centre: two lugs in metal hooks – Lug (C) in Hook (D).
- Rear side: locking stud (E) in seat lock hole (F).
- Press at rear end to fit.

ANTILOCK BRAKING SYSTEM (ABS)

- Single Channel ABS System is fitted in these vehicles
- 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.
- ABS technology requires the rider to brake appropriately to ensure safer braking specially under acute conditions.
- 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.

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) .
- **Throttle cable** play of 2 - 3 mm. Smooth operation and positive return to closed position.
- **Brake Fluid** level above MIN mark provided on Front master cylinder & rear reservoir.
- **Drive Chain** slack of 20-30 mm adequately lubricated.
- Function of all **lights & horn**.
- **Clutch lever** play - 2 to 3 mm.
- Smooth **steering movement** without restriction.
- **Side stand** return to It's 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 assembly, starter motor etc.
- Cleaning cloth to be kept in LH/ RH seat cowl.

Instructions for Customer

- There is no fuel cock.
- **Always maintain minimum 3 Liters petrol in fuel tank.**
- If vehicle is tilted beyond 60 Deg, then Roll over sensor cuts off Ignition system as a safety feature.
- Never drive by disconnecting wheel speed sensor as ABS unit will not function.

1. Starting The Engine:

- Ensure minimum 3 liters petrol is available in fuel tank.
- 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 closed & press starter button,
- Release starter button as soon as engine starts.

"Cranking ON and OFF duration" control –

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.

Note

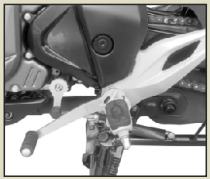
- The motorcycle is equipped with a clutch switch. This switch facilitates engine starting in neutral and gear position.

Gear Position	Clutch lever position
Neutral	Released
Gear	Fully pressed

- Incase of battery discharged condition please bring the vehicle to BAL authorised workshop for repairs.

2. Shifting Gears:

- Close throttle and press the clutch lever fully.
- Shift into next higher or lower gear.





Gear Shifting Pattern

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.

4. Braking & Stopping the Vehicle:

- 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.

Recommended Speed for Shifting Down

From 5th to 4th Gear	57 km/h
From 4th to 3rd Gear	45 km/h
From 3rd to 2nd Gear	33 km/h
From 2nd to 1st Gear	17 km/h

⚠ 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. Parking Using Side Stand:

- Support the motorcycle on a firm level surface with the side stand.
- Lock the steering on LHS.

⚠ Caution

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

6. Running IN

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

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

km	1st	2nd	3rd	4th	5th
0-1000	10	20	30	40	50
1000-2000	20	30	40	50	60

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

⚠ Caution

Always ensure side stand is UP while starting off. Under condition-side stand down & vehicle is in gear, self start will be disabled. 'side stand' Indication will be displayed in speedometer.

- Do Not REV engine in standstill condition.
- Always maintain engine oil between MIN & MAX mark at vehicle upright position on level surface.
- Always maintain Brake Fluid is above MIN mark at on front & rear brake reservoir keeping vehiole upright position on level surface.

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

Fuel	Always maintain minimum 3 Liter Petrol in fuel tank.
Spark Plug	Inspect and clean spark plug. Adjust electrode gap. Replace spark plug as per P.M. Chart.
Air Filter	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.

Fuel Saving Tips:

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

- 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)

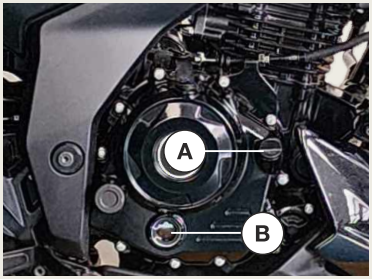
Best way to calculate mileage is by following the full tank to full tank method.

- Fill fuel tank up to small mouth (brim).
- Run the bike for say 100 km.
- Fill the tank again up to small mouth (brim). In same fuel filling station, probably with same fuel dispenser.
- Divide kilometer run/ fuel quantity filled.

- 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.
- 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 loose control.
- Riding at proper speed, avoiding unnecessary acceleration and 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 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.



A : Oil Filler Cap
B : Oil Level Gauge

Engine Oil Level Checking:

- Check engine oil level every day. Park vehicle on center stand on level surface.
- Check oil level through oil level gauge 'B'.
- Always maintain engine oil level between upper and lower 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 : 1250 ml
- During engine overhaul : 1450 ml

Recommended Engine Oil:

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

Model	Recommended Engine oil
Pulsar N160	Bajaj 20W50 **BS6 Compliant** SAE 20W50 JASO 'MA2' API SN

- **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 and 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.



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 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 & running of vehicle.
- BAL settles tyre warranty for only imported tyres.



Battery :

• Battery is located below 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

Vehicle will not start if battery is discharged or disconnected from vehicle

• Environment care must be taken to dispose off the used battery.

• It is always recommended to hand over the same to the Authorised battery dealer for proper disposal of the same.

• When 'Low battery icon' pop-up in speedometer display, it is advised to reach Authorised battery / BAL dealer & get it charged immediately.

How to keep battery healthy ?

• Switch 'Off' ignition when engine is not running.

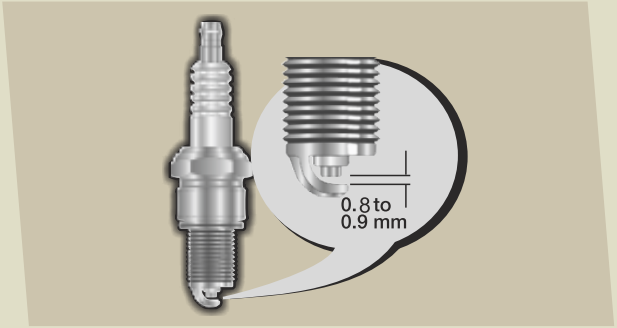
• Get battery checked/ charged during periodic services.

• Do not 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.

Note

Warranty on battery is 18 months from the date of purchase of vehicle.



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: 0.8- 0.9 mm.

Drive Chain Slackness

- Chain slackness will have to be adjusted whenever required.
- Standard Chain slackness 20-30 mm in 1st gear or both wheels touching to ground.
- Marking on chain adjusters should be identically positioned on both sides.







Drive Chain Cleaning



Drive Chain Lubrication

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

Drive Chain (Sealed type)

- 'O' rings must always be kept wet for best performance hence lubricate at every 500 km.
- Sealed chain lubrication can easily be done by owners using Bajaj 'Chain Lube Spray Can' available with BAL Authorised dealers.

Method of Sealed Chain Lubrication:

- Put vehicle on main stand. Clean the chain by using lint free cloth (If excessive mud / slush found approach BAL Authorised 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.





Front Brake Fluid Level

- Front brake fluid reservoir is located on RH side of Handle bar.
- To check brake fluid level, Park the vehicle perpendicular to the ground on level surface with handle bar in straight ahead condition.
- Always ensure that brake fluid level is above 'MIN' mark given on inspection Window.
- Incase of level drop, use only DOT-4 brake fluid (from sealed container) for top up & replacement. It is advisable that brake fluid should be replaced at every 30,000 Kms.

VEHICLE CLEANING AND WASHING CARE

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.

Monsoon Care Tips for Your Vehicle

Avoid riding through deep water, as it may cause water ingress into the engine and electrical components, leading to damage.

If your vehicle gets submerged or stops while riding through water, do not attempt to restart it. Take it to the nearest Bajaj workshop for inspection.

Ride cautiously on wet roads. Avoid sudden acceleration, braking, or sharp turns. Use both brakes gently and ensure your tyres have adequate tread and correct air pressure.

Keep the brakes clean and dry. Mud and slurry deposits can lead to premature brake lining wear.

After riding through mud or slurry, wash and dry your vehicle thoroughly especially the metallic parts, underbody, and wheels, to prevent rust.

Clean and lubricate the drive chain frequently during the monsoon to prevent rust and ensure smooth performance.

Warranty Exclusions

Damages due to natural calamities like floods, fire, earthquakes, lightning, or any other act of God are not covered under warranty.

Failures resulting from external conditions such as water ingress due to riding through water, or premature wear of brake pads or discs caused by prolonged exposure to slurry (Muddy water) are not covered, particularly during the rainy season.

Note:

Headlight, tail lamp, or blinker lenses may temporarily fog up after rain or washing. If excessive moisture or water accumulation persists, please visit the nearest Bajaj dealer for inspection.

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	km	
1st Free Service	30~45	500~750	whichever occurs earlier
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

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

Recommended frequency - Service interval & km									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 recommended BGO BS6 compliant engine oil only. Oil level window cleaning @ 10,000 km by petrol spray & nylon brush
	R		R		R		R		Replace oil filter in 1st service & at every 10,000 km
	CL		CL		CL		CL		Oil strainer cleaning at the time of oil change.
	R				R				Replace Viscous air filter at every 20,000 km. Replace Air filter cover 'O' ring along with air filter
C,R	C,R	R	C,R	C,R	R	C,R	C,R	R	Replace at every 15,000 km
	C,R				C,R				Replace if required
	CL,A		CL,A		R		CL,A		Replace at every 30,000 km
	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	Replace if required.
C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	Drain EVAP "Y" connection drain tube. Replace if found cut/damaged
CL	CL	CL	CL	CL	CL	CL	CL	CL	
CL	CL	CL	CL	CL	CL	CL	CL	CL	Clean at every 5,000 km with recommended throttle body cleaning agent.

Sr. No.	Activities / Check Points	Recommended frequency - Service interval & km						
		1st (Free)	2nd (Free)	3rd (Free)	4th	5th	6th	7th
		500 ~ 750	4500 ~ 5000	9500 ~ 10000	14500 ~ 15000	19500 ~ 20000	24500 ~ 25000	29500 ~ 30000
14	Wiring harness connections, routine & Conduit / PVC sleeve / Tie band inspection.	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T
15	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
16	Ignition switch contacts cleaning			CL,L	CL,L	CL,L	CL,L	CL,L
17	HT coil connections.		C,T	C,T	C,T	C,T	C,T	C,T
18	Starter motor & starter relay connections		C,T	C,T	C,T	C,T	C,T	C,T
19	Oil pressure indicator check on console post ignition ON.	C,R	C,R	C,R	C,R	C,R	C,R	C,R
20	Check fault code, Clear fault history, Update latest hex file if applicable	C	C	C	C	C	C	C
21	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
22	Drive chain link lock					R		

Recommended frequency - Service interval & km									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,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	Apply electric tape film on conduit / PVC sleeves if found damaged / cut. Ensure tie bands are at specific locations.
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,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	Icon should disappear post engine ON. After 4000 rpm, icon should not be displayed.
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 ratio of 50:50 & lubricate by SAE 90 oil.
									Customer to use OKS chain lub spray at every 500 km
	R				R				Replace Drive Chain Link Lock at every 20,000 km

Sr. No.	Activities / Check points	Recommended frequency - Service interval & km						
		1st (Free)	2nd (Free)	3rd (Free)	4th	5th	6th	7th
		500 ~ 750	4500 ~ 5000	9500 ~ 10000	14500 ~ 15000	19500 ~ 20000	24500 ~ 25000	29500 ~ 30000
23	Main Stand & Side stand pivot pin					CL,L		
24	Steering play	C,A	C,A	C,A	C,A	C,A	C,A	C,A
25	Steering stem bearing & Cap steering bearing (Plastic)**			C,CL,L		C,CL,L		C,CL,L
26	Front fork oil & seals	C,R	C,R	C,R	C,R	C,R	C,R	R
27	Swing arm NRB for more play							
28	Front Brake Pad & Rear Brake Shoes for wear limit	C,R	C,R	C,R	R	C,R	C,R	R
29	1. Check source of leakages if any in the brake system. 2. Check Front brake hose condition. 3. 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	R
30	Rear sprocket fasteners for looseness.	C,T		C,T		C,T		C,T
31	Rear wheel rubber shock dampers for excess play.			C,R		C,R		C,R
32	All cables free play adjustment	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
34	Check & confirm all lights/Bulbs / LEDs / Switches / Horn working.	C,A	C,A	C,A	C,A	C,A	C,A	C,A

Recommended frequency - Service interval & km									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,L				CL,L				Use recommended AP grease.
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 HTX3 grease for lubrication
C,R	C,R	C,R	C,R	C,R	R	C,R	C,R	C,R	Replace oil and oil seal +Dust seal in pair at every 30,000 km
	L								Lubricate NRB at every 40,000 km Use AP grease.
C,R	C,R	R	C,R	C,R	R	C,R	C,R	R	Replace at every 15,000 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 DOT4 brake Fluid in every service.
									Replace DOT 4 brake Fluid & Master / Caliper seals at every 30,000 km
	C,T		C,T		C,T		C,T		
	C,R		C,R		C,R		C,R		Replace rear wheel rubber shock damper 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 & km						
		1st (Free)	2nd (Free)	3rd (Free)	4th	5th	6th	7th
		500 ~ 750	4500 ~ 5000	9500 ~ 10000	14500 ~ 15000	19500 ~ 20000	24500 ~ 25000	29500 ~ 30000
35	General lubrication – Clutch lever	C,L	C,L	C,L	C,L	C,L	C,L	C,L
36	Front & Rear Tyre air pressure.	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
38	All fasteners tightness, few are	C,T	C,T	C,T	C,T	C,T	C,T	C,T
	1. Front & rear axle							
	2. Swing arm axle							
	3. Rider foot rest							
	4. Engine foundation Top							
	5. Engine foundation Front & Rear							
39	Mobile USB port	C,R	C,R	C,R	C,R	C,R	C,R	C,R
40	Drain hole no blockage verification below starter motor		C,CL	C,CL	C,CL	C,CL	C,CL	C,CL
41	Fuel tank water drain no blockage verification		C,CL	C,CL	C,CL	C,CL	C,CL	C,CL

****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 & km									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,L	C,L	C,L	C,L	C,L	C,L	C,L	C,L	C,L	Use recommended AP grease.
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	Use Tyre pressure gauge
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	Use model wise Torque values.
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
C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	
C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	

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. 26

DELIVERY CERTIFICATE

FRAME NO.: | | | | – | | | | – | | | | | | | | | |

ENGINE NO.: | | | | – | | | | – | | | | | | Sold on.: _____

Customer's Name Mr/Mrs/Miss : _____

Address: _____ Contact No.: _____

I have taken possesion of motorcycle along with the following items.

1. Owner's Manual
2. 2 nos of key
3. Set of tools
4. First Aid Kit
5. Standard Accessories
6. Battery
7. Tyre

Make _____ Sr. No. _____

Fr Make _____ Sr. No. _____

Rr Make _____ Sr. No. _____

The Vehicle has been delivered to my satisfaction & I have understood all terms and conditions of warranty, service schedules & maintenance tips and shall abide by them.

Dealer Code :
Dealer Name :
Address :
Contact No. :

Customer's Signature (To be filled in by the dealer)

Important - Dealership should take customer sign & maintain the record of this (Delivery Certificate).
- Do not detach this page from Owner's Manual.

Bajaj Auto Limited provides the following warranty in respect of the **"Pulsar N160 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 year or 75,000 km, 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.

Proprietory parts like tyres, tubes and 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 BAL 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 BAL Authorised Dealers & Recommended Authorised Service Dealers with the concerned vehicle and enables him to remove 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 km or 120 days from last service whichever is earlier without any lapse.
3. Availing of all services at the Authorised BAL Dealers & Recommended Authorised Service Dealers.
4. Usage of only recommended engine oil **"Bajaj 10000 20W50"** at specified frequency for drain interval of 10,000 km & engine oil level top-up at 5000 km.
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.

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 authorised 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 N160 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

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 Months	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.

NOTES

NOTES

NOTES

USE ONLY BAJAJ GENUINE PARTS

pulsar N160



E20

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