

Owner's Manual & Service Records



chetak

 **bajaj auto ltd.**

Owner's Record

All correspondence relating to service problems may be addressed to:

SERVICE DEPARTMENT, BAJAJ USA
525 ECCLES AVENUE
SOUTH SAN FRANCISCO,
CA
94080

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 illustrations herein remaining unaltered, Bajaj Auto Limited reserves the right to carry out at any moment, without being obliged to bring this booklet up-to-date, modifications on the vehicle, parts or accessories as may be convenient and necessary.

Name : _____

Vin # : _____

Chassis # : _____

Engine # : _____

Date Purchased : _____

Dealer : _____

Delivery Certificate

Customer's Name : _____

Address : _____

Date Purchased : _____

Dealer : _____

To REMOVE - TEAR HERE



To be removed & retained by dealer.

Delivery Certificate

Vin # :

Chassis # :

Engine # :

- The above vehicle was inspected/test driven by me/my representative at the time of taking delivery and it was found to be acceptable and free from any operational or visual defects.
- A copy of the owner's manual containing service requirements, five service record pages, and a warranty statement was given to me along with the vehicle.
- I understand that my warranty claims, if any, will be considered by the manufacturers only in accordance with the scope & limits of the warranty as laid down in the Warranty Statement.

Place :

Date :

Customer's Signature

To be removed & retained by dealer.

Pre Delivery Inspection

Check and correct tire pressure including that of Spare Wheel.

Check and tighten nuts for front/rear shock absorber bolts, engine foundation bolts, handle bar lock bolt and front/rear wheel nuts.

Check transmission and engine oil level and top up if necessary.

Check for smooth operation of accelerator and choke operation.

Check and adjust Steering column for loose/tight.

Initial charging of battery, Install, connect and apply petroleum jelly on terminals.

Check and adjust engine idling.

Check steering/ignition lock, luggage box lock, seat lock, and tool box lock for proper operation.

Check all lights, horn, switch, speedometer and fuel gauge operations for satisfactory working condition.

Check for smooth operation of fuel cock lever.

Check front/rear brakes for effective working condition.

Test drive the vehicle.

Repair any other defects seen or observed during test drive.

Clean the vehicle before delivery.

Important Precautions

The following precautions must be observed if your vehicle is fit with a catalytic converter. If you are unsure whether your scooter has a catalytic converter or not, check with your dealer. The catalytic converter, which is installed inside the silencer, reduces the exhaust emissions and is required in some states.

Caution:

1. Never operate your scooter with leaded gasoline. Even a small amount of normal leaded gasoline will damage the catalyst and make the catalytic converter completely ineffective.
 2. Never tamper with the catalytic converter, which is installed inside the silencer assembly.
 3. Never turn off the engine when the scooter is in motion. Likewise, never try to start your scooter by pushing it, towing it, or coasting it down a hill. Failure to observe this precaution will damage the catalytic converter, and can lead to a serious over temperature event, or even a fire, with subsequent serious injury to you and serious damage to your scooter.
 4. If the engine misfires or appears to have any loss of performance, immediately take your scooter to your local Bajaj Dealer.
-

Hello !

Dear Customer,

We wish to congratulate you for choosing The “Bajaj Chetak 4 Stroke”, coming from Bajaj Auto the world’s largest manufacturer of scooters. “Chetak 4 Stroke” will give you value for your money, for years! We are sure that you will be proud of its performance.

Please read this Owner’s Manual before riding to familiarize yourself with the mechanism and controls of the vehicle. To ensure a long, trouble free life of your vehicle, give it proper care and maintenance as described in this manual.

It is important to regularly inspect and maintain your scooter for safe and optimum performance. Regular inspection and service is required to maintain your warranty. The warranty period for this scooter is 12 months or 6,000 miles, whichever comes first. See the service record pages in this booklet for the required service and inspection intervals.

Entrust the maintenance and repairs to the authorized Bajaj Dealers, who are well equipped with necessary facilities and are specially trained on BAJAJ CHETAK 4 STROKE .

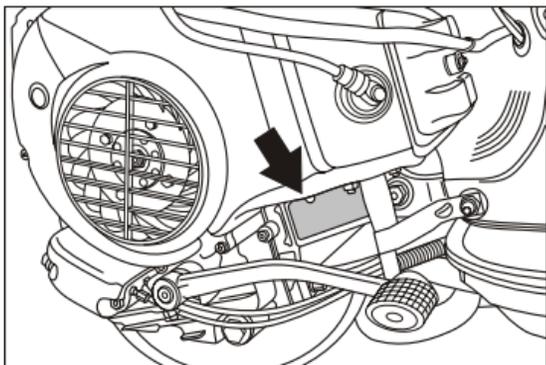
In case you need detailed information about your vehicle, the Service Station Manual is available from authorized Bajaj Dealers. In the rare event of a problem with your vehicle, please write to Bajaj USA, giving details like engine number, chassis number, date of purchase etc.

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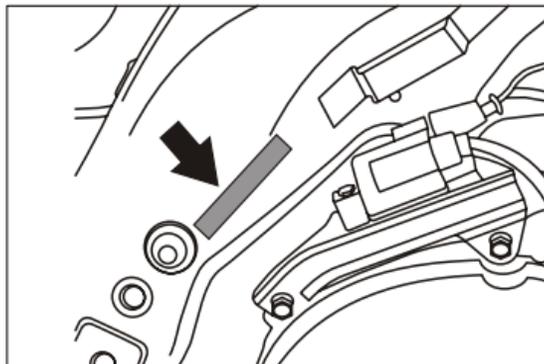
Description

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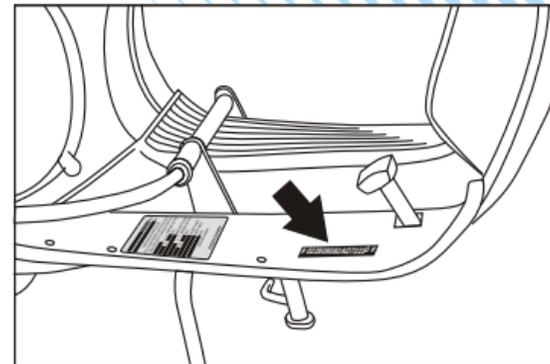
Identification Data and Vehicle Identification Number



Engine Number



Chassis Number



VIN Number

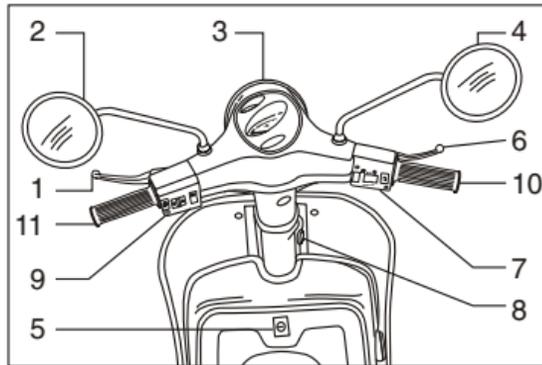
There are three unique numbers assigned to your scooter. The engine and chassis serial numbers are used by the factory to identify the exact model. Please cite both of these numbers whenever you are ordering replacement parts. The vehicle identification number is used to register your vehicle with the Department of Motor Vehicles in your state. It is a crime in all states to alter the vehicle identification number. Also, the alteration of any of these numbers will immediately void your warranty.

Technical Specifications

Engine	:	4 stroke, single cylinder, forced air cooled, spark ignition
Engine Displacement	:	145.45 cm ³
Max. Net Power	:	9.00 HP at 6000 r/min of engine
Ignition System	:	Electronic ignition (C.D.I.)
Spark Plug	:	Champion : PL 7 YC (To be used with resistor spark plug cap)
Lubrication	:	Wet sump forced lubrication
Transmission	:	4 speed gear box
Front & Rear Brakes	:	Mechanical expanding shoe type
Fuel Tank Capacity	:	1.32 Gal. (5.00 litres)
Electrical System	:	12V D.C.
	:	Head lamp : 35/35W Tail/Stop lamp : 5/21W
	:	Side indicator lamp : 10W Horn : 12V D.C.
Curb Weight	:	253 lbs/115 kg
Max Speed	:	55 MPH/90km/h with single rider

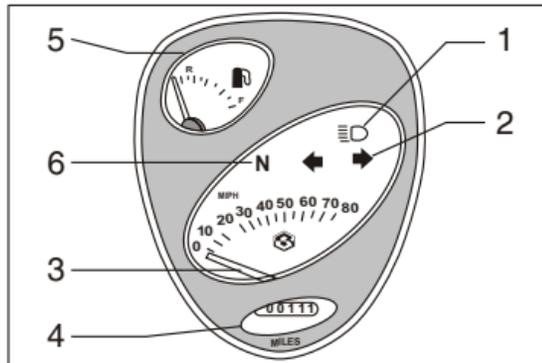
Note: The above information is subject to change.

Location Of Controls / Speedometer / Rear View Mirrors



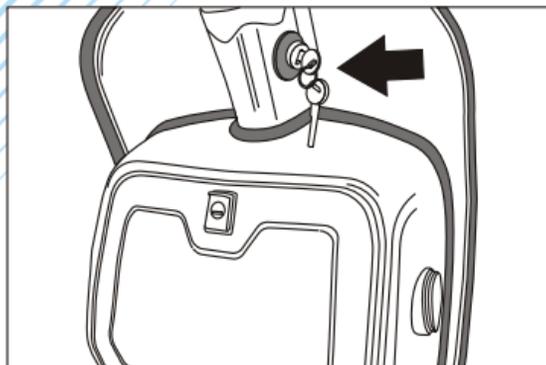
1. Clutch Lever
2. Mirror LH
3. Speedometer
4. Mirror RH
5. Luggage box lock
6. Fr. Brake Lever
7. RH Switch
8. Steering Lock / Ignition Switch
9. LH Switch
10. Accelerator
11. Gear Shifter

Handle Bar

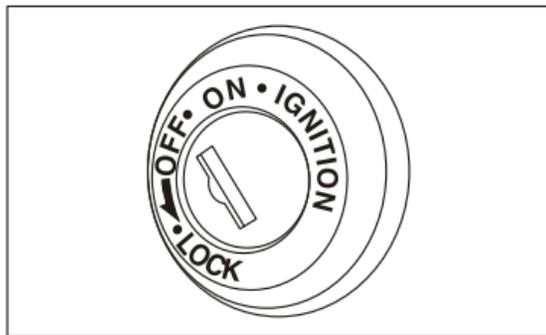


1. Hi-Beam Indicator
2. Turn Signal Indicator
3. Speedometer
4. Odometer
5. Fuel Gauge
6. Neutral Indicator

Speedometer



Steering Lock / Ignition Switch



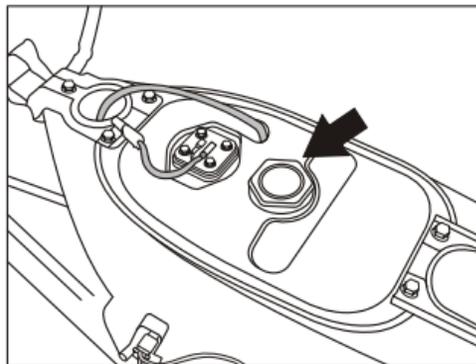
Steering Lock

The Steering Lock / Ignition Switch is located on the right hand side below the handle bar. It has three positions.

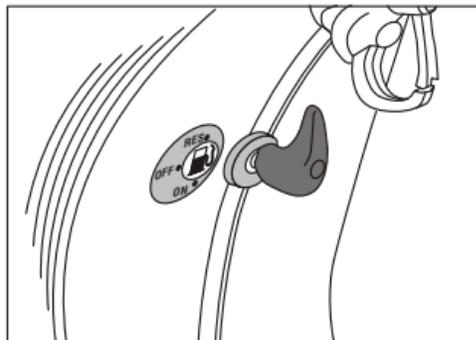
Key Position	Function	Key Removal
LOCK	Steering locked Ignition OFF	Key can be removed
OFF	Steering unlock Ignition OFF	
ON	Ignition ON	Key can not be removed

To Lock the Steering

- Turn the handle bar to the left. (Steering will be locked only when handle bar is in left position.)
- With the key in OFF position and turn it to the lock position.
- Take out the key.



Fuel Tank



Fuel Cock Position

Fuel Tank

- It has capacity of 1.32 gal.
- Location of fuel tank is as shown in the figure.

Fuel Gauge

The fuel level gauge is provided in the speedometer console to indicate the fuel quantity in the fuel tank.

Fuel level is indicated as follows:

- “E” mark indicates approx. Empty.
- Mid mark indicates approx. 0.66 gal.
- “F” mark indicates approx. 1.32 gal.

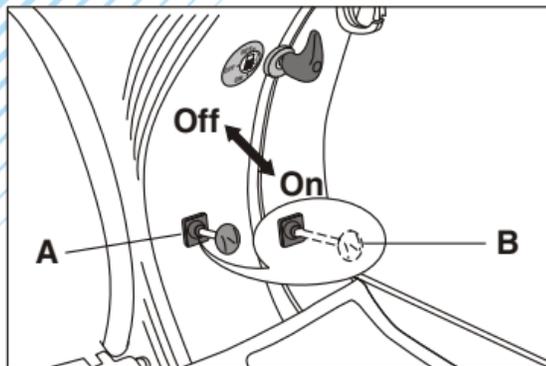
Fuel Cock

It has the following three positions

- On** : When fuel level is above 0.26 gal.
- Res** : When fuel level drops below 0.26 gal.
- Off** : Fuel supply is cut off.

Warning: Never mix oil in the gasoline. To do so can lead to engine failure and subsequent accident with potentially serious injury or even death. Use only unleaded gasoline of research octane number 87 or higher.

There is serious danger of fire if gasoline is leaking from any portion of your vehicle. Never ride your vehicle if you smell gasoline. Have your vehicle repaired immediately by your authorized Bajaj dealer. Failure to heed this warning can lead to a serious fire, with subsequent serious injury or even death.

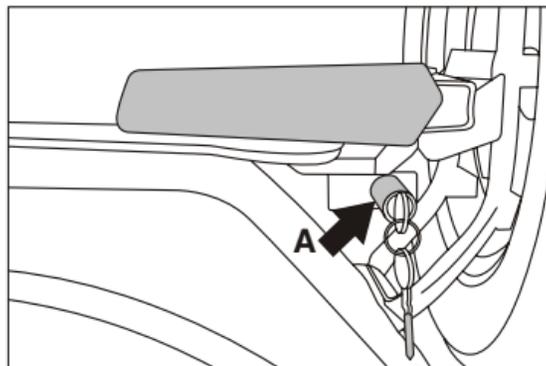


Choke Lever

- It is located near the fuel cock lever.
- Choke is required especially for cold starting.
- The 'On' and 'Off' positions of choke lever are as shown in figure.

A : Choke "OFF"

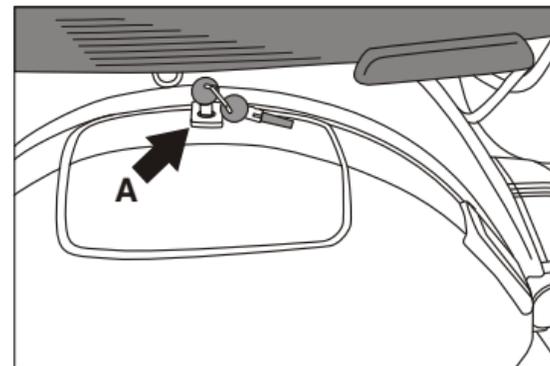
B : Choke "ON"



A : Seat Lock

Seat Lock :

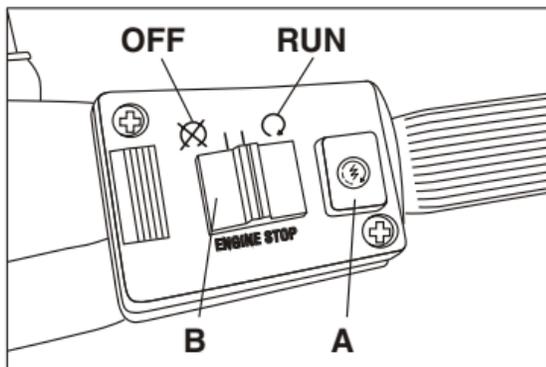
- It is located on left hand side of the seat.
- The lock ensures the security of the fuel tank.
- Turn the key clockwise to unlock seat.
- For locking, gently press the seat from top.



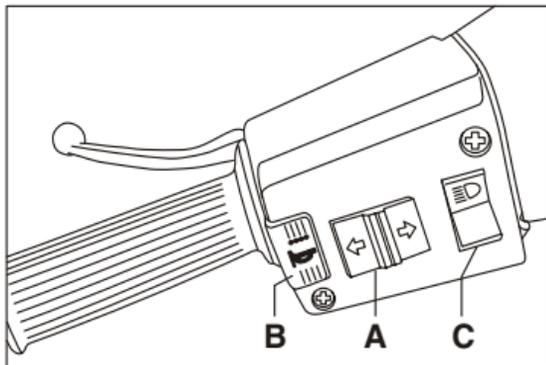
A : Tool Box Lock

Tool Box Lock :

- It is located as shown in the figure A.
- Key can be removed after locking as well as unlocking the Tool box.



Right Hand Switch



Left Hand Switch

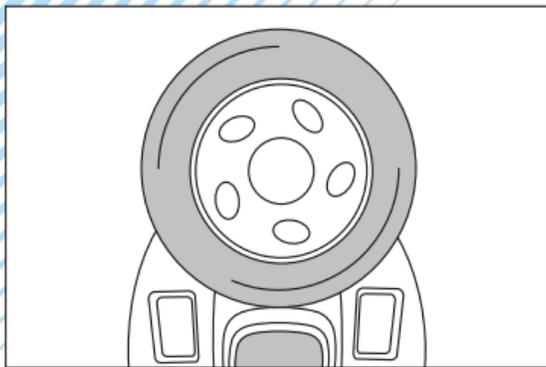
Right Hand Switch

- A** Starter switch : Press the button to start the engine.
- B** Supplementary engine stop switch : Move to the 'Run' position before starting engine. Move to the 'Off' position to stop engine.

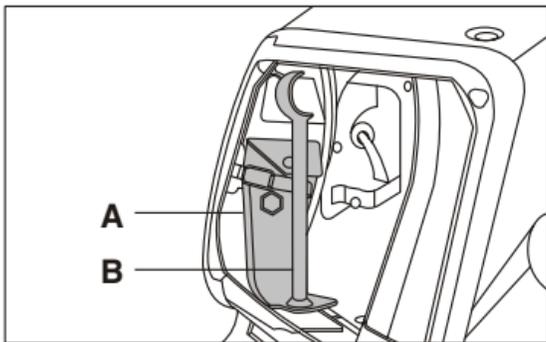
Left Hand Switch

This scooter is equipped with lights that illuminate whenever the ignition is turned on.

- A** Turn signal switch : Move the knob left or right to activate turn signal. Move back the knob to center position to OFF turn signal.
- B** Horn Switch : Press to activate horn.
- C** Headlight High/Low beam switch. Press the toggle upward for high beam, press the toggle downward for low beam.



A : Spare Wheel B :Wheel Cover



A : Took Kit B : Jack

Spare Wheel : Spare wheel is located behind seat on bracket. For removing the wheel :

- Remove the wheel cap.
- Remove the spare wheel mounting bolts. (Ref. Fig. A)

Wheel Cover

The wheel covers are fitted to all wheels.

B : Wheel Cover

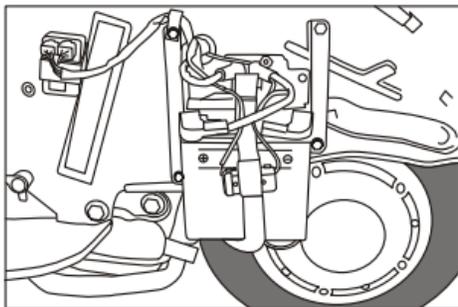
Tool Kit : Tool kit is strapped (by rubber strap) inside the Luggage box. Unlock the Luggage box, remove strap and take out tool kit. Refer Fig. A

Jack : Jack is strapped (by rubber strap) inside the Luggage box. Unlock the Luggage box, remove strap and take out jack. Refer Fig. B

Warning: Proper tire pressure is very important to the handling of your scooter, and to your safety. Never ride your scooter with tires either over or under-inflated. See the specifications table on page 12. Failure to observe this warning can lead to instabilities in handling and an upset with subsequent serious accident, injury, or even death.

Note:

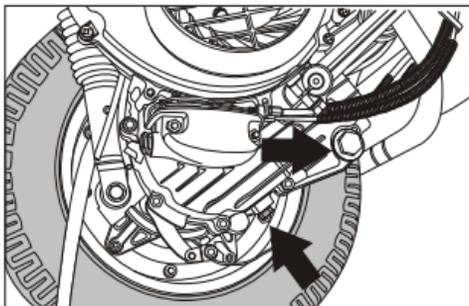
- Rear brake liner wear can be inspected through window on rear brake drum by unscrewing the plug on it.
- Front brake liner wear can be inspected by looking at the wear indicator on front brake actuating lever.



Battery

Battery (12V - 9Ah)

- Battery is located at LH side inside the Cowl.
- Check & ensure that the electrolyte level is between the upper and lower level lines in each cell.
- If the electrolyte level is below the lower level in any cell, fill to upper level with **distilled water only**.
- Inspect the terminals. Clean if corroded. Tighten the battery clamps, then apply a little petroleum jelly.
- **Ordinary tap water is not a substitute for distilled water and will shorten the life of the battery.**



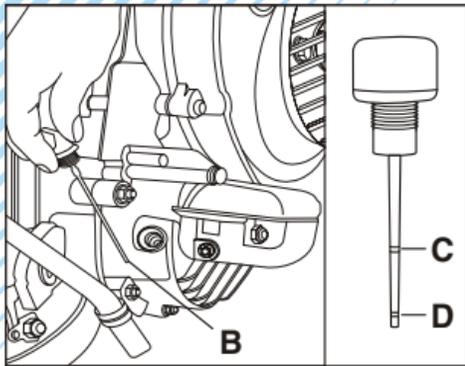
Location of Oil Filter and Drain Bolt

Oil Filter Cleaning

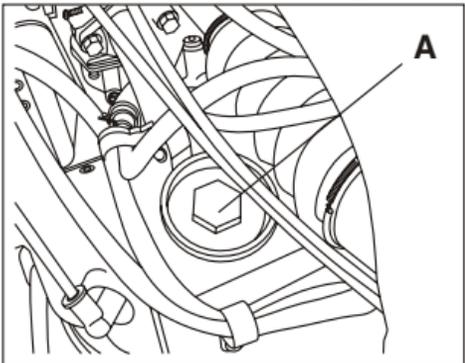
- Oil filter is situated inside the bolt as shown in the figure.
- Oil filter should be cleaned in accordance with lubrication chart by an Authorized Bajaj Dealer.

Warning : Failure to ensure that your engine has the proper amount of the appropriate grade oil can lead to an engine seizure, with subsequent upset, serious injury, or even death. Always ensure that your scooter has the proper amount and type of oil.

General Information



Engine Oil



A : Cap

A : Oil Filler Location B : Oil Level Indicator C : Upper Level D : Lower Level

Engine Oil: Check engine oil level daily.

For proper functioning of cylinder block/piston, crankshaft, tappets, clutch and transmission, the oil should be maintained at an appropriate level.

- Place the vehicle on center stand, on a level ground.
- Clean the surface area around the oil filler opening.
- Unscrew the dipstick from oil filler opening and wipe it dry.
- Put the dip stick, on oil filler opening, take out the dip stick and observe the oil level on it.
- There are two marks engraved on it. If the level is below the lower level mark, remove the cap (A) & top up with the appropriate quantity of

recommended oil up to upper level mark. If the oil level is too high i.e. Above the upper level mark, drain some oil from drain hole.

- Fit back the dipstick and tighten it securely.
- Ensure that there is no oil leakage.

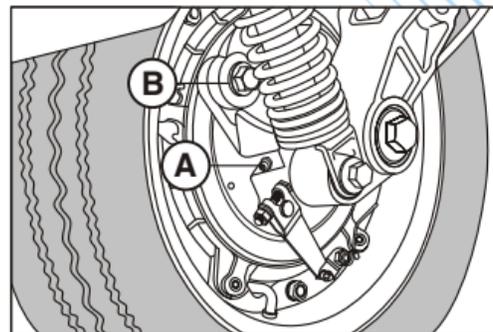
Recommended oil:

In summer	: 15W50 API SG + JASO MA or Superior
In winter	: 5W30 API SG + JASO MA or Superior
Oil capacity	: 1 Quart

Lubrication of the antidive front suspension

A grease nipple is provided on Brake panel at location “A” (Ref. fig.) for lubrication of Brass bushes fitted inside Front brake panel assly. These Bushes are recommended to be greased after every 2000 miles.

To lubricate Bush inner fitted inside Antidive link assly at location “B” (Ref. fig.), you will have to dismantle and remove the Bush inner and then lubricate with Grease. The Bush inner are recommended to be greased after every 3000 miles.



ANTIDIVE FRONT SUSPENTION

Location	Operation	Recommended Interval
“A”	Lubricate through the grease nipple.	Every 2000 miles
“B”	Dismantle, Remove Bush inner and then lubricate with grease.	Every 3000 miles

Spark Plug

- Using compressed air, blow any loose dirt away from around the spark plug.
- Remove the spark plug using the special spark plug wrench, clean the spark plug using a wire brush, or a proprietary spark plug cleaner.
- Adjust the gap if incorrect by bending the outer electrode carefully.

Caution

Never try to bend the center electrode of the spark plug. This will surely destroy your spark plug.

Spark Plug Gap

0.6 to 0.7mm

Spark Plug

Champion PL 7 YC

(To be used with a resistance spark plug cap)

Tire Pressure

Always maintain the tire pressure as indicated in the table below.

Warning

Failure to maintain proper tire pressure can lead to instabilities in handling with subsequent upset, serious injury, or even death.

Tire Size

3.50 - 10 (All three tires)

Front		18 psi / (123 kPa)
Rear	Solo	25 psi / (175 kPa)
	With passenger	36 psi / (245 kPa)

Starting Procedure (Kick Start)

- Ensure the transmission is in neutral. (Neutral lamp in speedometer console should be illuminated)
- Ensure the Steering/Ignition lock is in the 'ON' position.
- Ensure the Engine stop switch is in the 'RUN' position.

How to operate the kick starter :

Move the kick-starter slowly. Make sure that the ratchet is engaged, then depress smartly.

A) Normal Starting: Do not open throttle while starting. If the engine fails to start, slightly open the throttle (not more than ¼ turn) before depressing the kick-start lever.

B) Cold Starting: Use the Choke only for cold weather starting. Pull the choke lever and depress the kick-starter lever. Do not open the throttle while using the choke. Release the choke lever to the 'OFF' position once the engine has warmed up.

- **Never rev up the engine to higher RPMs immediately**

after starting or in neutral gear. If the engine is revved to higher RPMs immediately after starting it may lead to severe engine damage as lubricating oil take some time to reach all the components.

Starting Procedure (Electric Start)

- Ensure the transmission is in neutral. (Neutral lamp in speedometer console should be illuminated)
- Ensure the Steering/Ignition lock is in the 'ON' position.
- Ensure the Engine stop switch is in the 'RUN' position.
- Press the starter button to start the engine. Release the starter button as soon as the engine starts.
- When the engine is cold, place the choke lever 'ON', press the starter button with the throttle completely closed.
- When the engine has warmed up release the choke lever to the 'OFF' position.

- **Moving from ‘Stand Still Position’**

Pull the clutch lever to its full travel and twist the shift lever tube upwards in one smooth motion to put the vehicle in 1st gear. Release clutch gradually and simultaneously, open the throttle gradually to move away from stand still position.

- Do not run the vehicle with the clutch partially engaged. Do not slip the clutch to overtake or to climb on a gradient. This will damage the clutch.
- **Downshifting of gears i.e. Shifting from 4th to 3rd to 2nd to 1st gear:** Reduce the speed of the vehicle. Pull the clutch lever completely and twist the gear lever upwards and release the clutch lever gradually and increase throttle. For further ease of gear shifting slightly open the throttle momentarily while pulling the clutch lever and then twist the gear lever upwards.
- **Do not keep the clutch lever depressed in neutral while waiting at the traffic signals.** This will result in

Difficult gear shifting as the gear box is constant mesh type which requires rotation of gears for ease of engagement.

Warning: Do not tilt the vehicle toward the LH bonnet side. Engine oil may flow out of through the crankcase breather tube, to air cleaner, lowering the oil level in the crankcase. Also, should the vehicle be allowed to fall accidentally on its left side, ensure that the oil level is correct after picking the scooter up and placing it on the stand. Failure to observe this warning could lead to engine seizure with subsequent upset, serious injury, or even death.

Battery electrolyte may also leak out from the cells, if the vehicle happened to fall on its left side. Electrolyte being acid, can damage painting and rubber components. Spilled acid around the battery area may be cleaned with water and baking soda to neutralize the acid.

Running In

Running In

- First 500 miles is designated as a running in period. The maximum vehicle speed recommended during running in:

Distance in miles	Max. vehicle speed in gears (mph)			
	1st	2nd	3rd	4th
0 - 500	10	20	30	40

- Never exceed the specified running in speed.
- Do not over-rev the engine.
- 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.
- Never let the engine lug, that is, run at slow RPMs with wide-open throttle during the running-in period.

Warning: You must run-in your vehicle according to this running-in schedule if your scooter is to achieve its maximum life and most reliable service. Further, immediately running the engine hard could lead to an engine seizure with subsequent upset, serious injury, or even death.

Safety and Maintenance Tips

Vehicle Condition:

- **Warning:** There is a serious danger of fire if gasoline is leaking from any portion of your vehicle. Never ride your vehicle if you smell gasoline. Have your vehicle repaired immediately by your authorized Bajaj Dealer. Failure to heed this warning can lead to a serious fire, with subsequent serious injury or even death.
- Check all fuel lines and connections whenever your vehicle smells of gasoline.
- Never fill with gasoline up to the filler cap.
- Always maintain the recommended tire pressure and check it every week.
- Ensure that the brakes are not dragging/binding.
- For keeping the engine healthy:
 - Inspect and clean the spark plug, adjust the gap as recommended.
 - Use only the recommended grade and quantity of engine oil.

- Service the carburetor and adjust idling speed as recommended.
- If there is a power loss, then contact an authorized **Bajaj Dealer** and get the vehicle properly tuned.

Good Riding Habits

- Ride smoothly and steadily.
- Avoid harsh braking.
- For better fuel economy, shift gears as given below:
 - Change 1st to 2nd gear at 6 mph
 - Change 2nd to 3rd gear at 12 mph
 - Change 3rd to 4th gear at 18 mph
 - Drive at 18 to 30 mph in 4th gear.
- Do not let your scooter idle for more than a minute. Turn off the ignition instead of permitting extended idling.

Periodic Maintenance Chart

	Operation	Recommended Odometer Reading in miles						
		300	1200	3000	6000	9000	12000	15000
**	Air filter element cleaning *			●	●	●	●	●
**	Spark plug : Cleaning & gap setting	●	●	●	●	●	●	●
**	: Replacement				●		●	
**	Check and adjust valve clearance	●	●	●	●	●	●	●
**	Clean inline fuel filter			●	●	●	●	●
**	Carburetor cleaning/overhaul			●	●	●	●	●
	Control cables adjustment	●	●	●	●	●	●	●
	Tightening nuts, bolts, fastners	●	●	●	●	●	●	●
	Clean & adjust front & rear brakes	●	●	●	●	●	●	●
	Check front & rear shock absorber	●	●	●	●	●	●	●
	Check and adjust steering column			●	●	●	●	●

Indicates operation to be performed.

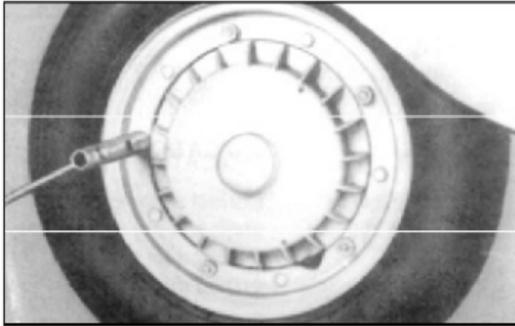
* To be cleaned more frequently in dusty areas.

** Must be performed to maintain emissions warranty.

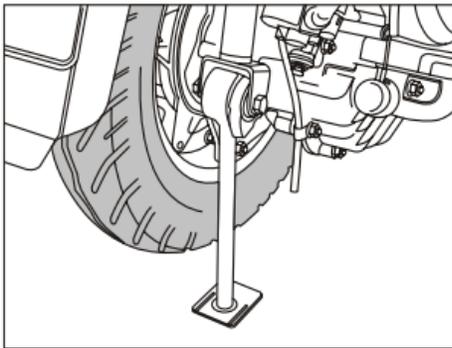
Lubrication Chart

Operation	Lubricant to be used	Recommended Odometer Reading in miles						
		300	1200	3000	6000	9000	12000	15000
Engine oil replacement	SAE 15W50	●		●	Every 3000 miles			
Oil filter cleaning	Fire Proof Solvent	●		●	Every 3000 miles			
Replace oil filter					●		●	
Brake, clutch lever	GREASE	●	●	●	●	●	●	●
Speedo flex drive, pinion	GREASE	●	●	●	●	●	●	●
Steering races	GREASE			●	●	●	●	●
Stand pin	SAE 15W50			●	●	●	●	●
Gear shifter assly	GREASE	●	●	●	●	●	●	●
Control cables	SAE 15W50			●	●	●	●	●
Wheel bearings	GREASE			●	●	●	●	●
Brake actuating shaft	GREASE			●	●	●	●	●
Front suspension	GREASE	Refer Page No. 11						

Indicates operation to be performed.



Front Wheel Installation



Rear Wheel Installation

Front Wheel Removal

- Put the vehicle on stand.
- Remove nuts securing wheel to the axle flange by using box spanner, while loosening these nuts hold the wheel by hand or apply front brake.
- Take out spring washers.
- Pull the wheel from axle flange studs.

Front Wheel Installation

- Reverse the above sequence.
- Tighten the wheel nuts securely.

Rear Wheel Removal

The procedure for using the jack is as follows.

- 1) Loosen the wheel nuts (before putting the jack) with the vehicle in center stand on position.
- 2) Put the jack by locating it on the rear shocker mounting boss & sliding it on the ground by right hand, while pushing the grab up with the left hand from the rear side of the vehicle. Ensure the jack is having all round contact with the shocker mtg boss & is firm on the ground. Check for the gap between front wheel & ground. Preferably front wheel should not touch the ground. (Avoid using jack on roads having slope in forward direction)

-
- 3) Dismantle/Assemble the rear wheel. Engage the wheel nuts by hand (Do not tighten).
 - 4) Remove the jack .
 - 5) Put the vehicle in 1st gear and tighten the wheel nuts.

Rear Wheel Installation

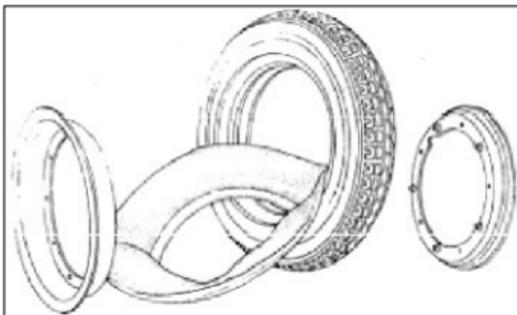
- Reverse the above sequence.
- Tighten the nuts securely.
- Check for free rotation, brake effectiveness and engine starting.

Warning

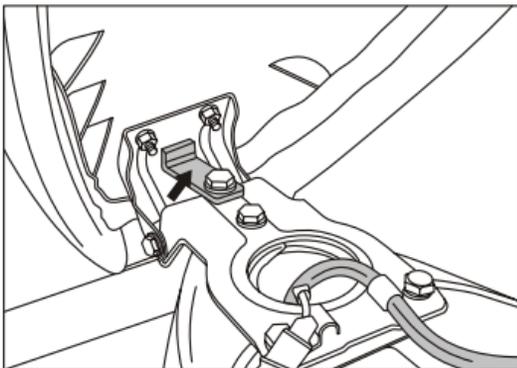
Do not forget to install the spring washer before installing the wheel nuts, tighten the wheel nuts securely. While removing the rear wheel protect your hand from the hot silencer.

Caution

Once the wheel replacement is over, confirm the free rotation of wheel and brake effectiveness.



Tire Change



Stay for holding the seat upright

Tire Change

For replacing a flat tire, unscrew the nuts, which secure the wheel to brake drum and slide off the wheel. Repair the tube or fit on the spare wheel. In case of rear wheel, use the jack as described in previous page.

For removing a tire & tube first deflate the tube and unscrew the nuts on the wheel so that the two halves of the rim fall apart. (Refer fig.)

Do not forget to put spring washers before tightening the nuts at the time of re-assembly. Tighten the nuts diagonally and evenly.

Stay for holding the seat upright

Stay for holding the seat upright is bolted to seat bracket. This will hold the seat upright. For this, stay should be moved below the seat. While lowering the seat, care should be taken to remove this stay.

Recommendations for safe and proper operation of vehicle

Warning: Do not overload your scooter. Attach luggage or packages as close as possible to the center of your scooter and distribute the load from side to side as evenly as possible to keep imbalance to a minimum. Remember that loads tend to loosen with riding. So frequently check the security of your load. Do not carry packages that protrude from the luggage rack or which cover any of the signal lights, the headlight, or the horn.

Do not hang anything from your scooter's handlebars, fenders or forks because this will upset the handling of your scooter and could prevent you from avoiding an accident. Failure to heed this warning can lead to an upset with subsequent serious injury or even death.

When carrying a passenger, remember that your scooter's handling is degraded, that the brakes are less efficient,

and the center of gravity is higher and further to the rear. This makes it more likely that the front wheel will come off the ground, especially during acceleration. Therefore you should avoid hard acceleration and hard braking. Many accidents are caused by inexperienced riders carrying passengers.

Remember that allowance must be made for the extra weight of the passenger for all driving maneuvers. Avoid abrupt and excessive acceleration.

Always slow down in time and calculate longer stopping and maneuvering distances. Failure to heed these instructions may lead to the overturning of the vehicle or to other accidents with subsequent serious injuries or even death.

Never carry animals or small children on the glove compartment or on the luggage rack.

Recommendations for safe and proper functioning of vehicle

- Continued use of original Bajaj replacement parts by an authorized **Bajaj Dealer**.
- Before using your scooter check
 - Fuel tank
 - Gear box/sump oil level
 - Tires correctly inflated
 - Lights and turn indicators working properly
 - Front and rear brakes working properly
- Ensure tightening of following fasteners to specified torques
 - Cylinder head : 14.5 - 15.9 Lb-Ft
 - Handle bar : 23.1 - 27.5 Lb-Ft
 - Wheel nut : 14.5 - 19.5 Lb-Ft
 - Front axle nut : 36.1 - 39.8 Lb-Ft

Carburetor Specifications

Make and Type	AS/VCS setting from fully closed position
Keihin PB 20	2 ¼ ± ½ turns

Free play for

- Front brake lever : 3 - 5mm (1/8 - 1/4 inch)
- Rear brake pedal : 10 - 15mm (1/16 - 5/8 inch)
- Clutch lever : 3 - 5mm (1/8 - 1/4 inch)
- Accelerator grip : 4 - 5mm (3/16 - inch)

To maintain your vehicle's warranty, regular inspection and maintenance by your authorized Bajaj Dealer is required.

The first service interval should be performed between 300 and 500 miles or the first 30 days whichever comes first. See reverse for required service.

Owner's Name :

Vin # :

Date of Sale :

Date of Service :

Mileage :

Service Dealer's Signature :

First Service

Check and correct tire pressure.

Flush and refill engine oil.

Check & clean oil strainer.

Check & adjust valve clearance.

Clean & adjust spark plug gap.

Check and tighten nuts for front/rear shock absorber bolts, engine foundation bolts, handle bar lock bolt and front/rear wheel nuts.

Check & adjust all control cables.

Carry out lubrication as per lubrication chart.

Check front/rear brakes for effective operation.

Check all lights, horn and switch operations for satisfactory working.

Air filter element to be cleaned, if frequently used in dusty area.

Check battery electrolyte level, top up if necessary & apply petroleum jelly on terminals.

Test drive the vehicle before delivery.

Clean the vehicle before delivery.

To maintain your vehicle's warranty, regular inspection and maintenance by your authorized Bajaj Dealer is required.

The second service interval should be performed between 1200 and 1500 miles. See reverse for required service.

Owner's Name :

Vin # :

Date of Sale :

Date of Service :

Mileage :

Service Dealer's Signature :

Second Service

- Check and correct tire pressure.
 - Check engine oil level, top up if necessary.
 - Check & adjust valve clearance.
 - Clean & adjust spark plug gap.
 - Check and tighten nuts for front/rear shock absorber bolts, engine foundation bolts, handle bar lock bolt and front/rear wheel nuts.
 - Check & adjust all control cables.
 - Carry out lubrication as per lubrication chart.
 - Check front/rear brakes for effective operation.
 - Check all lights, horn and switch operations for satisfactory working.
 - Air filter element to be cleaned, if frequently used in dusty area.
 - Check battery electrolyte level, top up if necessary & apply petroleum jelly on terminals.
 - Test drive the vehicle before delivery.
 - Clean the vehicle before delivery.
-

To maintain your vehicle's warranty, regular inspection and maintenance by your authorized Bajaj Dealer is required.

The third service interval should be performed between 2800 and 3100 miles. See reverse for required service.

Owner's Name :

Vin # :

Date of Sale :

Date of Service :

Mileage :

Service Dealer's Signature :

Third Service

- Check and correct tire pressure.
 - Flush and refill engine oil.
 - Check & clean oil strainer & inline fuel filter.
 - Check & adjust valve clearance.
 - Clean & adjust spark plug gap.
 - Clean the air filter.
 - Clean the carburetor and adjust idling.
 - Check and tighten nuts for front/rear shock absorber bolts, engine foundation bolts, handle bar lock bolt and front/rear wheel nuts.
 - Check & adjust all control cables.
 - Carry out lubrication as per lubrication chart.
 - Check front/rear brakes for effective operation.
 - Check & adjust steering column.
 - Check all lights, horn and switch operations for satisfactory working.
 - Check battery electrolyte level, top up if necessary & apply petroleum jelly on terminals.
 - Test drive the vehicle before delivery.
 - Clean the vehicle before delivery.
-

To maintain your vehicle's warranty, regular inspection and maintenance by your authorized Bajaj Dealer is required.

The fourth service interval should be performed between 6000 and 6300 miles. See reverse for required service.

Owner's Name :

Vin # :

Date of Sale :

Date of Service :

Mileage :

Service Dealer's Signature :

Fourth Service

- Check and correct tire pressure.
 - Flush and refill engine oil.
 - Check & clean oil strainer & in-line fuel filter. Replace if required.
 - Check & adjust valve clearance.
 - Clean & adjust spark plug gap. Replace if required.
 - Clean the air filter.
 - Clean the carburetor and adjust idling.
 - Check and tighten nuts for front/rear shock absorber bolts, engine foundation bolts, handle bar lock bolt and front/rear wheel nuts.
 - Check & adjust all control cables.
 - Carry out lubrication as per lubrication chart.
 - Check front/rear brakes for effective operation.
 - Check and adjust steering column.
 - Check all lights, horn and switch operations for satisfactory working.
 - Check battery electrolyte level, top up if necessary & apply petroleum jelly on terminals.
 - Test drive the vehicle before delivery.
 - Clean the vehicle before delivery.
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To maintain your vehicle's warranty, regular inspection and maintenance by your authorized Bajaj Dealer is required.

The fifth service interval should be performed between 9000 and 9300 miles. See reverse for required service.

Owner's Name :

Vin # :

Date of Sale :

Date of Service :

Mileage :

Service Dealer's Signature :

Fifth Service

- Check and correct tire pressure.
 - Flush and refill engine oil.
 - Check & clean oil strainer & in-line fuel filter.
 - Check & adjust valve clearance.
 - Clean & adjust spark plug gap.
 - Clean the air filter.
 - Clean the carburetor and adjust idling.
 - Check and tighten nuts for front/rear shock absorber bolts, engine foundation bolts, handle bar lock bolt and front/rear wheel nuts.
 - Check & adjust all control cables.
 - Carry out lubrication as per lubrication chart.
 - Check front/rear brakes for effective operation.
 - Check and adjust steering column.
 - Check all lights, horn and switch operations for satisfactory working.
 - Check battery electrolyte level, top up if necessary & apply petroleum jelly on terminals.
 - Test drive the vehicle before delivery.
 - Clean the vehicle before delivery.
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Bajaj Auto Ltd. - Emission Control System Warranty Statement

Your Warranty Rights and Obligations

The California Air Resources Board and Bajaj Auto Ltd. (hereinafter Bajaj) are pleased to explain the emission control system warranty on your 2002 and later motorcycle. In California new motor vehicles must be designed, built and equipped to meet the State's stringent anti-smog standards. Bajaj must warrant the emission control system on your motorcycle for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your motorcycle.

Your emission control system may include parts such as the carburetor or fuel-injection system, the ignition system, catalytic converter and engine computer. Also included may be hoses, belts, connectors and other emission-related assemblies.

Where a warrantable condition exists, Bajaj will repair your motorcycle at no cost to you, including diagnosis, parts and labor.

Manufacturer's Warranty Coverage

- Class I motorcycle (50-169 cc)
for a period of five (5) years or 12,000 kilometers (7,456 miles), whichever first occurs.
- Class II motorcycles (170 to 279 cc)
for a period of use of five (5) years or 18,000 kilometers (11,185 miles), whichever first occurs.
- Class III motorcycles (280 cc and larger)
for a period of use of five (5) years or 30,000 kilometers (18,641 miles), whichever first occurs.

If an emission-related part on your motorcycle is defective, the part will be repaired or replaced by Bajaj. This is your emission control system **Defects Warranty**.

Owner's Warranty Responsibilities

- As the motorcycle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Bajaj recommends that you retain all receipts covering maintenance on your motorcycle, but Bajaj cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.
- You are responsible for presenting your motorcycle to a Bajaj dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.
- As the motorcycle owner, you should be aware that Bajaj may deny your warranty coverage if your motorcycle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities, you should contact Bajaj USA, 526 Eccles Avenue, South San Francisco, CA 94080, or the California Air Resources Board, P.O. Box 8001, 9528 Telstar Avenue, El Monte, CA 91734-8001.

Bajaj USA - Limited Warranty on Emission Control System

Bajaj USA, 526 Eccles Avenue, South San Francisco, CA 94080 (hereinafter Bajaj) warrants that each new 2002 and later Bajaj motorcycle, that includes as standard equipment a headlight, taillight and stoplight, and is street legal:

- A.** is designed, built and equipped so as to conform at the time of initial retail purchase with all applicable regulations of the United States Environmental Protection Agency, and the California Air Resources Board; and
 - B.** is free from defects in material and workmanship which cause such motorcycle to fail to conform with applicable regulations of the United States Environmental Protection Agency or the California Air Resources Board for a period of use, depending on the engine displacement, of 12,000 kilometers (7,456 miles), if the motorcycle's engine displacement is less than 170 cubic centimeters; of 18,000 kilometers (11,185 miles), if the motorcycle's engine displacement is equal to or greater than 170 cubic centimeters but less than 280 cubic centimeters; or of 30,000 kilometers (18,641 miles), if the motorcycle's engine displacement is 280 cubic centimeters or greater; or 5 (five) years from the date of initial retail delivery, whichever first occurs.
 - I. Coverage:** Warranty defects shall be remedied during customary business hours at any authorized Bajaj motorcycle dealer located within the United States of America. Any part or parts replaced under this warranty shall become the property of Bajaj.
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In the State of California only, emission related warranted parts are specifically defined by the state's Emission Warranty Parts List. These warranted parts are: Carburetor and internal parts; Intake manifold; Fuel tank; Fuel injection system; Spark advance mechanism; Crankcase breather; Air cutoff valves; Fuel tank cap for evaporative emission controlled vehicles; Oil filler cap; Pressure control valve; Fuel/vapor separator; Canister; Igniters; Breaker governors; Ignition coils; Ignition wires; Ignition points; Condensers, and Spark plugs if failure occurs prior to the first scheduled replacement; and Hoses, Clamps, Fittings and tubing used directly in these parts. Since emission related parts may vary from model to model, certain models may not contain all of these parts and certain models may contain functionally equivalent parts.

In the State of California only, Emission Control System emergency repairs, as provided for in the California Administrative Code, may be performed by other than an authorized Bajaj dealer. An emergency situation occurs when an authorized Bajaj dealer is not reasonably available, a part is not available within 30 days, or a repair is not complete within 30 days. Any replacement part can be used in an emergency repair. Bajaj will reimburse the owner for the expenses, including diagnosis, not to exceed Bajaj's suggested retail price for all warranted parts replaced and labor charges based on Bajaj's recommended time allowance for the warranty repair and the geographically appropriate hourly labor rate. The owner may be required to keep receipts and failed parts in order to receive compensation.

II. Limitations: This Emission Control System warranty shall not cover any of the following:

A. Repair or replacement required as a result of

- accident,
- misuse,
- repairs improperly performed or replacements improperly installed,
- use of replacement parts or accessories not conforming to Bajaj specification which adversely affect performance and or
- use in competitive racing or related events

B. Inspections, replacement of parts and other services and adjustments required for required maintenance.

C. Any motorcycle on which the odometer mileage has been changed so that actual mileage cannot be readily determined.

III. Limited Liability

A. The liability of Bajaj under this Emission Control System Warranty is limited solely to the remedying of defects in material or workmanship by an authorized Bajaj motorcycle dealer at its place of business during customary business hours. This warranty does not cover inconvenience or loss of use of the motorcycle or transportation of the motorcycle to or from the Bajaj dealer.

Bajaj shall not be liable for any other expenses, loss or damage, whether direct, incidental, consequential or exemplary arising in connection with the sale or use of or inability to use the Bajaj motorcycle for any purpose. Some states do not allow the exclusion or limitation of any incidental or consequential damages, so the above limitations may not apply to you.

- B.** No express emission control system warranty is given by Bajaj except as specifically set forth herein. Any emission control system warranty implied by law, including any warranty of merchantability or fitness for a particular purpose, is limited to the express emission control system warranty terms stated in this warranty. The foregoing statements of warranty are exclusive and in lieu of all other remedies. Some states do not allow limitations on how long an implied warranty lasts so the above limitations may not apply to you.
- C.** No dealer is authorized to modify this Bajaj Limited Emission Control System Warranty.

IV. Legal Rights: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

V. This warranty is in addition to the Bajaj Limited Motorcycle Warranty.

VI. Additional Information: Any replacement part that is equivalent in performance and durability may be used in the performance of any maintenance or repairs. However, Bajaj is not liable for these parts. The owner is responsible for the performance of all required maintenance. Such maintenance may be performed at a service establishment or by any individual. The warranty period begins on the date the motorcycle is delivered to an ultimate purchaser.

Manufacturer: Bajaj Auto Ltd., Akurdi, Pune, India

Importer: Bajaj USA, 526 Eccles Avenue, South San Francisco, CA 94080

Owner's Manual Notice - 'Reporting of Safety Defects'

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying (manufacturer). If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or (manufacturer). To contact NHTSA, you may either call the Auto Safety Hotline toll-free at 1-800-424-9393 (or 36-0123 in Washington, D.C. area) or write to : NHTSA, U.S. Department of Transportation, Washington, D.C. 20590,

You can also obtain other information about motor vehicle safety from the Hotline.

Noise Emission Warranty:

Bajaj Auto Ltd. warrants that this exhaust system, at the time of sale, meets all applicable U.S. EPA Federal noise standards. This warranty extends to the first person who buys this exhaust system for purposes other than resale, and to all subsequent buyers. Warranty claims should be directed to: **Bajaj USA, 526 Eccles Avenue, South San Francisco, CA 94080**

Tampering Warning:

Tampering with Noise Control System Prohibited. Federal law prohibits the following acts or causing thereof:

- (1) The removal or rendering inoperative by any person other than for purposes of maintenance, repair, or replacement, of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use, or
 - (2) The use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.
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Among those acts presumed to constitute tampering are the acts listed below:

- (1) Removal of, or puncturing the muffler, baffles, header pipes or any other component which conducts exhaust gases.
- (2) Removal or puncturing of any part of the intake system.
- (3) Lack of proper maintenance.
- (4) Replacing any moving part of the vehicle, or parts of the exhaust or intake system, with parts other than those specified by the manufacturer.

Warning Statement:

This product should be checked for repair or replacement if the motorcycle noise has increased significantly through use. Otherwise, the owner may become subject to penalties under state or local ordinances.

Warranty Statement

The following warranty applies to Bajaj scooters distributed by Bajaj USA. The warranty is the only warranty on these products, other than the emission control system, and noise emission control system set out elsewhere. No express warranty is given by Bajaj USA except as specifically set forth herein. Any warranty implied by law, including any warranty of merchantability or of fitness for a particular purpose, or for any purpose, is limited to the express terms stated in this warranty. The statements of warranty herein are exclusive and in lieu of all other remedies. Some states do not allow limitations on how long an implied warranty lasts so the above limitations may not apply to you.

Every possible care and precaution has been taken to ensure quality in respect of material and workmanship in the vehicles manufactured by Bajaj Auto Ltd. Bajaj USA will replace or repair, at their authorized workshop/s, free of charge, within a period of 12 months from the date of sale of the vehicle to the first owner or until the vehicle has been driven for 6000 miles, whichever shall occur first, such part or parts thereof as may be found, on examination, to have manufacturing defect.

Bajaj USA 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 grounds for extending the warranty period, nor shall it give any right to the customer for claiming any compensation or damages.

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

Where a defective part can be replaced by part/s or alternative brand/s, which are normally used by Bajaj

Auto Ltd. in the course of manufacture, Bajaj USA 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 from are subject to United States of America jurisdiction only.

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

- (a) Ensures that immediately upon discovery of the defect, he/she approaches any nearest Authorized Bajaj Vehicle dealer.
- (b) Produce documentation to demonstrate ownership and date of purchase.

No claim presented directly to Bajaj USA by the purchaser of the Product will be considered. All warranty claims must be processed through the local Bajaj dealer. Bajaj USA accepts no responsibility for any product or part thereof returned to Bajaj USA headquarters.

There is no warranty of any kind on the following:

- (1) Normal maintenance operations such as brake and clutch adjustments, cleaning of fuel system, engine tune-up or such other adjustments.
 - (2) Replacement of electrical items like bulbs, fuses, relays, or batteries. Repair or replacement of rubber items like tires, inner tubes, handgrips, footpeg covers, and other rubber or elastomeric items.
 - (3) Parts of the vehicle that have been subject to misuse, accident, negligent treatment OR which have
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been used in conjunction with parts and equipment not manufactured or recommended for use by Bajaj USA.

- (4) Parts of the vehicle that been altered and modified or replaced in an unauthorized manner.
- (5) Vehicles which are not being serviced by Authorized Bajaj vehicle dealers as per the service schedule described in the owner's manual or which have not been operated or maintained in accordance with the instructions mentioned in the owner's manual.
- (6) Vehicles used for any competition.

Bajaj USA 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 vehicles 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 USA for Bajaj scooters and no other person, including the dealer or his/her agent or employee is authorized to extend or enlarge this warranty.

This warranty is given in lieu of and excludes every condition or warranty whether statutory or otherwise not herein expressly set out.

