





Dear Customer.

We Thank you for choosing the "RE MAXIMA CARGO PETROL", which would give you maximum power, maximum torque and maximum performance. We are sure that you will be happy with its performance.

The salient features of this vehicle are 5 speed gear box, hand clutch, stronger chassis & tray.

Before driving, please read this User's Guide carefully to familiarize yourself with the mechanism and the controls of the vehicle,

To maintain your autorickshaw in perfect running condition and to deliver consistent performance, we earnestly advise you to avail periodic services, at Bajaj Distributor / Dealers.

You can entrust Bajaj Distributor / Dealers, who are well equipped with all necessary facilities, skill sets and trained manpower for servicing and repairs of your "RE MAXIMA CARGO PETROL". In the event of going to a local garage, always insist on Genuine Bajaj Spares to ensure safety, performance and longer life of your vehicle.

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

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

Wishing You Happy Driving for Many Years.

International Business BAJAJ AUTO LIMITED Akurdi Pune - 411 035 India.

(5)

## Identification

- 1 2 3 4 5 6 7 8 9 I
  - Cluster



- Clutch Lever
- 2. Mobile Charger
- 3. Switch LH
- 4 Cluster Selector Switch
- 5. Choke Knob
- 6. Handlebar Cover
- 7. Wiper Motor
- 8. Switch RH
- 9. Hazard Stereo Selector Switch
- 10.Ignition Parking Switch

- 1. Battery charging indicator
- 2. LH lum pilot indicator
- 3. RH turn pilot indicator
- 4. Hi beam indicator
- 5. Neutral Indicator
- 6. Speedometer & Odometer
- 7. Petral level indication
- 8. Low Oil Pressure Indicator



#### IMPORTANT

#### WARNING / CAUTION / NOTE

Please read the manual and carefully follow the instruction. To emphasize special information, the symbol and the words WARNING, CAUTION and NOTE have special meaning. These special meaning apply except when laws or regulations require that single words be used with a different meaning. Pay special attention to the messages highlighted by these signal words.

## ▲ WARNING

Do not modify your vehicle. Modification could adversely affect safety, handling, performance or durability & will violate governmental regulations.

#### NOTE

Indicates special information to make maintenance easier or instruction clear,

#### **A** CAUTION

Indicates a potential hazard that could result in vehicle damage.

### **A WARNING**

Severe damage may be caused by the use of either poor quality fuel or lubricants not recommended by BAL.

### **WARNING**

Indicates a potential hazard that could result in death or injury.

# Index



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## 1. Before Driving



#### Index

- 1.1. Locks
- 1.2. Mirrors
- 1.3. Handle Bar and Dashboard
- 1.4. Other Controls
- 1.5. Other Important Part Locations
- 1.6. Identification Data
- 1.7. Technical Specification
- Load Tray Dimensions & Recommended Mounting Arrangement







Steering Lock

Glove Box Lock

Stereo Cover Lock

#### Steering Lock:

Steering lock is below dashboard.

### Steering lock operation:

 Locking: Turn the Handle bar to LH side, rotate the key in anti-clockwise direction to align the lock position, push in and rotate clockwise.

After confirming the locking of handle bar, take out the key from barrel.

 Un-locking: Turn the key anti-clockwise, move the handle bar a bit, the lock will pop backwards unlocking steering.

#### Glove box lock:

 To Unlock or lock glove box insert the key and rotate it clockwise or anticlockwise respectively.

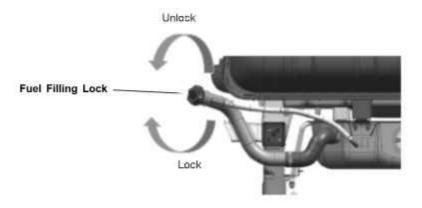
#### Stereo Cover Lock:

- Lockable cover for stereo is provided on RH side of dashboard.
- To Unlock or lock stereo cover insert the key and rotate it clockwise or anticlockwise respectively.



## Fuel Filling Lock:

To unlock /lock fuel filling lock insert the key & rotate clockwise/anticlockwise resp.







Outside Door Locks

Inside Door Locks

## Door Lock:

#### Door lock operation from outside :

- To lock the door shut it, firmly insert the key in barrel and rotate clockwise.
- To unlock the door insert the key in barrel and rotate anticlockwise. Pull the door lock release handle.

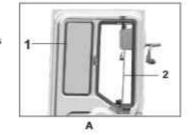
## Door lock operation from inside:

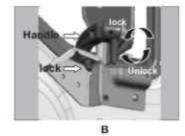
- To close the door, pull door with inside handhold.
- To unlock the door from inside lift the knob upward.



Door Glass 1. Fixed glass 2. Swivel

glass





Door Glass: Two types of Door glasses are provided on vehicle.

- 1. Fixed glass
- 2. Swivel glass

Swivel glass can be adjusted as per requirement after unlocking. To lock/unlock the swivel glass in closed condition, rotate the glass handle anticlockwise /clockwise direction respectively.

For opening & closing of the swivel glass by engaging handle in the bracket on door panel, refer fig.B.

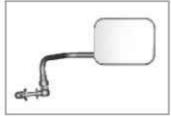
## A CAUTION

Always lock the swivel glass when leaving the vehicle and locking the door.

# 1.2 Mirrors





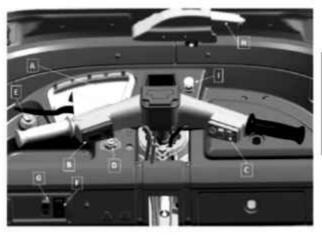


## Outside Rear View Mirror(LH/RH):

Adjust the outside rear view mirror so that you can see the rear sides of your vehicle in the mirrors.

## 1.3 Handle Bar and Dashboard

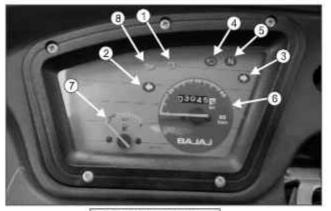




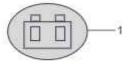
- A. INSTRUMENT CLUSTER
- B. SWITCH LH
- C. SWITCH RH.
- D. IGNITION-PARKING SWITCH
- E. MOBILE CHARGER
- F. HAZARD SWITCH
- G. STEREO SWITCH
- H. WIPER MOTOR
- I CHOKE LEVER

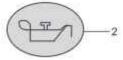
## 1.3 A. Instrument Cluster





- 1. Battery charging indicator
- 2. LH turn pilot indicator
- 3. RH turn pilot indicator
- 4. Hi beam indicator
- 5. Neutral indicator
- 6. Speedometer & Odometer
- 7. Petrol level indication
- 8. Low Oil Pressure Indicator





#### 1. Battery Charging Indicator:

This light will glow when the Ignition switch is switched 'ON' and will go off after engine is started.

If this indicator glows continuously even after engine is started, it indicates that the battery is not getting charged.

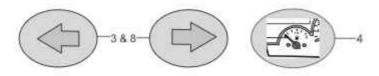
In this case immediately contact the Distributor / Dealer.

#### 2. Low oil pressure indicator:

This indicator will glow when ignition key is turned 'ON' and will go off after engine is started. If this indicator glows continuously even after engine is started, it indicates that the oil pressure is less inside the engine.

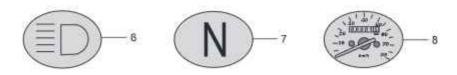
In this case check the oil level in engine and if it is ok, then contact the Distributor / Dealer.





- 3&8. Turn Pilot indicators (LH & RH): When you turn 'ON' the left or right turn signals, the corresponding green arrow in the instrument cluster will flash along with the turn signal lights. When you turn on the Hazard Warning switch, both arrows will flash along with all turn signal lights.
- 4. Fuel level Indicator: When the ignition switch is 'ON' this gauge gives an approximate indication of the amount of fuel in fuel tank 'F' stands for full and 'E' stand for empty. Whenever needle comes near to 'E' mark, refill the fuel as soon as possible.





- Headlamp Hi-Beam indicators: When the Headlamp Hi-beam is On this indicator will glow and give indication to the driver.
- Neutral Indicators: Light will glow as soon as the Ignition switch is turned ON provided the vehicle is in Neutral gear. The light will turn off as soon as the gear is engaged. This helps the driver to confirm Neutral position while starting and stopping the vehicle.
- Speedometer: Indicates the vehicle speed in km/h
   Odometer: The Odometer records total distance the vehicle has covered.





#### Switch RH:

A. Light switch: It has following positions

Head Light and Pilot lights "OFF".

Parking, Tail and Tell Tale Indicators illumination lamps will be "ON".

 Head Light, Tail, and Parking lamps will be "ON". Hi beam indication in Tell Tale Indicators will be "ON", if switch is in High Beam position.

B. Wiper Motor Switch: It has 2 positions

ON : Wiper motor "ON" OFF : Wiper motor "OFF".

(Motor should park in self-parking position)

C. Horn button: For blowing horn.





Switch LH

#### Switch LH

A. Side indicator switch: It has 3 positions.

Center : All Side Indicator lights remain OFF'.

LH : LH side Front and Rear indicator lamps and LH turn Pilot indicator will flash

simultaneously.

RH : Front & Rear, RH side indicator lamps & RH turn Pilot indicator

will flash simultaneously.

B. Hi/Low Beam Switch : It has two positions

Hi beam : ID Switch to be pressed & position on upper side.

Low beam : IO Switch to be pressed & position on lower side.

## 1.3 D. Ignition Parking Switch







Ignition Parking Switch

#### Ignition Parking Switch:

- It is located on the dash board.
- Insert the key and rotate it clockwise to turn it on. It has 3 positions:
- : All electrical circuits 'OFF'.
- All Electrical circuits 'ON'. (To be kept in this position when veh. is being run).
- : Parking light and Hazard operation will be 'ON' (when respective switches On switch board are on and key is in parking position.)

### A WARNING

Always remove the Ignition key when leaving the vehicle even if for a short time,

## 1.3 E. Hazard & Music System Switch





### 1. Hazard Warning Switch:

Hazard switch can be switched on (Irrespective of On/Off key switch position)

Both front and rear LH and RH blinkers will blink simultaneously and both Turn pilot indicators in Tell Tale Indicators will blink simultaneously.

### 2.Music System Switch:

Provision for connecting a Music System,

# 1.4 Other Controls



- 1.4 A. Parking Brake
- 1.4 B. Brake Pedal
- 1.4 C. Clutch Lever

## 1.4 A.Parking Brake





Parking Brake

#### Parking Brake:

- It is located on left side of Driver seat.
- To apply the parking brake , pull the parking brake lever all the way up.
- To release the parking brake push the button 'B' at the tip of the Lever and lower to its original position.

## A CAUTION

Never drive your vehicle with the Parking Brake On, rear brake effectiveness can be reduced. Due to overheating, brake life may be shortened or permanent brake damage may result. If the Parking Brake does not hold the vehicle securety or does not fully release, have your vehicle inspected immediately by an authorized Distributor / Dealer.

## CAUTION

Always apply Parking Brakes fully before leaving your vehicle or vehicle may move causing injury or damage.

When Parking, shift the vehicle in first or reverse gear. Remember that even if transmission is in gear, you must apply the parking brake fully.

## A CAUTION

When parking the vehicle on a slope, following procedure should be used:

- Apply the parking brake.
- Shift the transmission into reverse or first gear, depending on type of slope.
- With the engine off, get out of the vehicle and put chocks under the wheels



#### Brake Pedal:

Vehicle is provided with hydraulically operated brake system, actuating all 3 wheels simultaneously.

Master cylinder & brake fluid reservoir is internally located on chassis on RH side of scudo.

#### A CAUTION

Do not ride the brakes by applying them continuously or resting your foot on the pedal . This will result in overheating of the brakes which could cause unpredictable braking action, longer stopping distances, or permanent brake damage.

### A WARNING

If brake squeal is excessive and occurs each time the brakes are applied, you should have brakes checked by an authorized Distributor / Dealer.

#### A CAUTION

If water gets into the brake drums, brake performance may become poor and unpredictable. After driving through water or washing the underside of the vehicle, test the brakes while driving at a slow speed to see if they have recovered their normal effectiveness. If the brakes are less effective than normal, dry them by repeatedly applying brakes while driving slowly until the brakes have regained their normal effectiveness.





Clutch Lever

#### A. Clutch Lever:

Clutch is operated by clutch lever & located on LH side of handle bar

## A CAUTION

Do not drive with clutch lever in pressed condition. It could result in excessive clutch wear, clutch damage, or unexpected loss of engine braking.

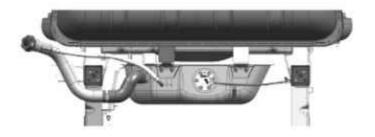
# 1.5 Other Important Part Locations



- 1.5 A. Fuel Tank
- 1.5 B. Spare Wheel
- 1.5 C. Battery
- 1.5 D. Fuse Box
- 1.5 E. Mobile Charger Socket
- 1.5 F. Fuel Filter / Air Filter
- 1.5 G. Oil Filter / Oil Cooler

## 1.5 A Fuel Tank, Fuel Feed Pump





#### PETROL TANK:

Petrol tank is mounted behind cabin & in between the main members. Tank capacity is 12 L.

## A CAUTION

Do not run vehicle with very low level of fuel in tank. This may damage the feed pump permanently.

## 1.5 B Spare Wheel



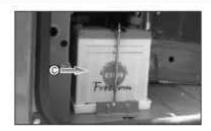


### A.Spare Wheel:

- · It is below driver seat
- · To remove spare wheel,
- 1. Tilt the Driver's seat
- 2. Remove the 2 bolts & tilt the driver seat frame to handle bar side
- Remove the 3 nuts securing the spare wheel.

#### B. Wheel Jack:

- Wheel jack is located below driver seat & clamped to driver seat frame.
- . To remove jack, 2 bolts should be removed.
- Seat should be in tilted position & then wheel jack can be accessed.



### A. Battery (12V 32Ah):

- It is located on RH side of driver seat.
- Check and ensure that the electrolyte level is between the upper (Max) and lower (Min) level in each cell.
- If the electrolyte level is below the lower level in any cell, top up to upper level with distilled water.
- Check battery Terminal Voltage and sp. gravity. Charge the battery, if required. Check connections of battery terminals and starter relay. Apply petroleum jelly on battery terminals.

## WARNING

Batteries produce flammable hydrogen gas. Keep flames and sparks away from the battery or an explosion may occur. Never smoke when working in the vicinity of the battery. When checking or servicing the battery, disconnect the negative cable. Be careful not to cause a short circuit by allowing metal objects to contact the battery terminals & vehicle at the same time.

#### WARNING

Ordinary tap water is not a substitute for distilled water and will shorten the life of the battery.

### 1.5 D Fuse Box









#### Fuse Box :

A) Main Fuse box: Fuse box is mounted on electrical unit plate below dashboard at LH side.

2 Spare fuses (10A & 30A) are provided in the fuse box cover.

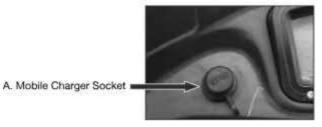
B) Battery Fuse box : Mounted on battery mounting bracket.

## **A WARNING**

 Always be sure to replace a blown fuse with a fuse of the correct ampere. Never use a substitute such as aluminum foil or wire to replace a blown fuse. If you replace a fuse & new one blows in a short period of time, you may have a major electrical problem. Have your vehicle inspected at authorised Distributor / Dealer.

# 1.5 E Mobile Charger Socket





## A. Mobile Charger Socket:

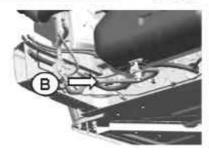
Mobile charger socket is on dashboard near instrument cluster. You can charge the mobile while driving the vehicle.

## 1.5 F Fuel Filter & Air Filter









#### A. Air Filter:

Air filter is used to provide clean air to engine. It is located below Load tray near engine

#### B. Fuel Filter:

Fuel filter is provided to ensure clean fuel to the engine. It is located below tray near fuel tank.

## **A WARNING**

Replacement of filter elements at recommended kms is a must for efficient running of vehicle.

## 1.5 G Oil Filter & Oil Cooler





#### Oil Cooler:

Engine is fitted with oil cooler which helps to control the engine temperature and subsequently enhance the life of engine parts,

## A WARNING

Replacement of filter elements at recommended kms is a must for efficient running of vehicle.

## 1.6 Identification Data



The Chassis and Engine serial numbers are used to register the vehicle. They are the only means of identifying your particular vehicle from others of the same model and type.



Chassis Number Location -At Front on Dashboard





## 1.7 Technical Specifications



Engine : Four Stroke, Forced air & oil cooled,

S.I.Engine

Bore X Stroke 67.00mm x 67.00mm

Engine Displacement 236.2 cc

Max. Net Power 8 kw at 4500 rpm.

(+250)as per IS:14599

(at Crank shaft)

: 20.1 N.m at 3000 rpm Max. Net Torque

(+250) as per IS:14599 Engine rpm

Electric Start

Lubrication Pressurized Lubrication

by a separate oil pump, driven by a

gear on the crankshaft

Transmission 4 Forward +1 Reverse Clutch Wet, Multi Plate

Starting

Brakes - Front/Rear Hydraulic expanding

shoe type

Brakes - Hand Mech. Expanding shoe type on rear wheels

Fuel Tank Capacity 12.0 liters Spark Plug

: 2 Nos.(Champion RG6HCC / Bosch

UR6CC)

Tyre Size 4.50 - 10. 8PR ( for all four tyres)

Tyre Pressure - Front

: 2.4 kg/cm2

Rear Electrical System

3.2 kg/cm<sup>2</sup>

Battery

12 V DC 12V 32 Ah

Head Lamp Tail / Stop Lamp

35/35 W 5/21 W

Side Indicator Lamp

10 W 12V DC 2125 mm

Wheel Base Vehicle Kerb Weight

Max. Speed

Max. Total Weight

495 kg 990 kg 60 km/hr

#### Note:

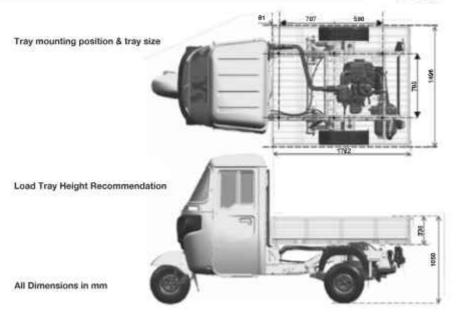
Horn

· All dimensions are under UNLADEN condition."-**GVW** 

Above information is subject to change.

# 1.8 Load Tray Dimensions & Mounting (Recommended)





# 2. Operating Vehicle



- 2.1 Daily Safety Checks
- 2.2 Safe Driving Tips
- 2.3 Fuel Saving Tips
- 2.4 Running In
- 2.5 Starting And Driving

# 2.1 Daily Safety Checks



Before starting the vehicle, it is recommended to do following checks.

Make sure that mirrors, door glass, lights & reflectors are clean and unobstructed.

### Fuel:

Enough fuel in tank. Check fuel pipes for cracks/leakage. Replace if found defective.

#### Electrical:

Operation of all tell tale lights, switches, horn etc.

### Brakes:

Effectiveness, Brake pedal play, rotate wheels to check for brake drag.

### Steering / Suspension:

Smoothness, any play or looseness.

#### Controls:

Free play, smooth operation, positive return to the close position.

# 2.2 Safe Driving Tips



#### A WARNING

Never drive while under the influence of alcohol or drugs. Alcohol and drugs can seriously impair your ability to drive safely. You should also avoid driving when you are tired, sick, irritated, or under stress.

Driving in Hilly terrain: When driving down a hill, the engine should be used for braking by shifting to next lower gear

### **A WARNING**

Try not to hold the brake pedal down too long or too often while going down a steep or long slope. This could cause the brakes to overheat, resulting in reduced braking efficiency. Failure to take this precaution could result in loss of vehicle control.

### Driving on slippery roads:

On rainy days, "Aquaplaning" can occur. It is loss of direct contact between the road surface & the vehicle tyres due to water film forming between them. Steering or braking during aquaplaning can be very difficult, and loss of control may occur. Maintain low speeds when road surface is wet.

Don't jam the brakes on wet surfaces, on un metaled roads or on slippery river beds.

# 2.3 Fuel Saving Tips



- 1. Ride smoothly and steadily at an optimum speed of 30- 40 kmph in 5th Gear
- 2. Change the gear judiciously according to speed and load requirement.

### 3. Avoid following..

- Sudden acceleration and frequent / sudden braking.
- · Driving with foot on brake pedal.
- · Driving with partial disengaging of clutch (half clutch).
- Overloading & Driving at high speeds.
- Over / under inflation of the tyres.
- Keeping the engine running at traffic signals if the idling time is more.

# 2.4 Running - In



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

Gear	1st	2nd	3rd	4th
Speed	10	15	25	35

- Always maintain specified running in speeds.
- Do not race the engine excessively.
- Do not start moving or race the engine immediately after starting. Run the engine for a minute at idle speed to give the oil a chance to work up into the engine.



### Starting the Engine

- Turn ON/OFF Key Switch to ON.
- Ensure that vehicle is in Neutral, by confirming the Neutral indicator tell tale light on dashboard is lit.
- Check Tell tale lights for Battery charging, indicator in tell tale indicator is lit.
- Wait for about a minute in idling for engine to warm up before engaging gears and moving on.
- Do not crank engine for more than 5 seconds. If it does not start, wait for 10-15 seconds before cranking









## Moving On:

- When the engine is running, Battery charging, Oil Pressure indicator should go "OFF".
- Release parking brake, pull in the clutch lever.
- Shift into first gear, neutral indicator in instrument cluster should turn off.
- Open the throttle a little, and start to release the clutch lever very slowly.
- As clutch starts to engage, open the throttle a little more, giving the engine just enough power to prevent it from stalling.

### Shifting Gears:

- Close the throttle while pulling in the clutch lever.
- · Shift into the next higher or lower gear.
- Open the throttle as required, while releasing the clutch lever.





Reverse lever-

#### Reverse Gear:

For engaging reverse gear -

- · Change to neutral, stop the vehicle with engine idling.
- · Pull the reverse gear knob.
- Pull in clutch lever, on handle bar.
- Rotate the gear change twist grip to reverse (R) position.
- · Release the clutch lever slowly and open throttle to set the vehicle in motion.



Ignition Switch



## Stopping the engine:

- · Close the throttle completely.
- Shift the gear to neutral.
- · Turn the ignition switch to "OFF" position.

## 3. Preventive Maintenance



#### Index

- 3.1 Periodic Maintenance Chart
- 3.2 Periodic Lubrication Chart
- 3.3 Engine Oil Checking/replacement
- 3.4 Differential Oil Top up
- 3.5 Differential Oil replacement
- 3.6 Recommended Oil Grade and Quantity
- 3.7 Air Filter Cleaning & replacement
- 3.8 Drive Shaft CV
- 3.9 Brake Oil
- 3.10 Wiper Motor
- 3.11 Free Play
- 3.12 Tyre Rotation
- 3.13 Tyre Pressure
- 3.14 Wheel Changing

# 3.1 Periodic Maintenance Chart



St.	Constitut		ECOMN	MENDE	000					
No.	Operation	1K	5K	10K	15K	20K	25K	30K	36%	
1	Vehicle washing & Cleaning	CL	CL.	CL	CL	CL.	CL	CL	CI.	
2	Gean/Replace air filter element	CL	CI,	ÇI.	CL	CL.	CL	H.	CL	Replace after every 30K km
3	Check all lights for working	C,A	C,A	:C,A	C,A	C,A	C,A	C,A	C.A	
4	Replace oil strainer	CL				CL.				
5	Check/adjust st. column play & lock nut	A,2		C,A		C,A		C,A		Tighten to torque at every 10K km
ń	Check & adjust idling RPM	C,A		C,A		C,A		C,A		
7	Check /Replace fuel pipe	C,R		C,R		C.R		C,R		
В	Check Battery electrolyte level & top up	C,T		C,T		C,T		C,T		
9	Check CV shaft bellows crack, change if required		C,R							
10	Do Tyre rotation (seq.1 & seq.2)		RT seq 1	RT seq 2	RT seq 1	RT seq 2	RT seq 1	R7 seq 2	RT seq 1	"Seq 1 at 5k,15k,25kkm Seq 2 at 10k,20k,30kkm
11	Clean / Adjust / Replace Spark plug gap	C,A		C,A		R		C,A		
12	Replace Fuel filter			R		8		R		
13	Replace oil filter element			育		R		-R		Replace after every 10K km
14	Check and adjust control cables if required			C,A		C.A.		C,A		
15	Check and adjust valve clearance			C,A		C,A		C,A		
16	Check front/rear shock absorber for leakage			C,R		C,R		C,R		
17	Check /Replace carb - manifold insulator 'O' ring			C.R		C,H		C,R		
18	Check & top up brake fluid			C,T		C,T		C,T		Replace after every 40Kkm
19	Check brake liner wear, replace if required				C			H.		Replace After every 30K km
20	De-carbonising engine							CL		Replace After every 30K km
21	Check and Tighten all suspension joints			C,A		E,A		C,A		After every 105 km

# 3.2 Lubrication Chart



Sr.	One or the or	RECOMMENDED ODDMETER READING km								
No.	Operation	116	58K	10K	45K	20K	25K	30K	19K	
1	Replace /top up Gear Box oil replace	R:	Ť	. 11	T	- 8	T	R:	Ŧ.	Replace at every 10K km
2	Replace /top up differential oil		T	R	T	- 8	T	R	T	Replace at every 20K km
1	Grease Steering races, balts,	1.3	100	L	1.	£	1	1	L	
4	Grease Gear shifter- sector	1.	V.	. 1.	1	1.	1.	1.	- 1	
5	Grease Fare meter drive	1.	t,	1	1	£	1	1.	13	
6	Speedometer inner cable greasing			L		1.		1.		
7	Clutch lever pivot greasing	I.	100	L	1	L	3.	L	10	
ā	Apply petroleum jelly on Battery terminals	L	L.	IL-	t	ı.	1	1.	L	

Lubricate	T. Town	- 10	Declare	
 C DESCRIPTION	T : Top up	15	Repince	

## 3.3 Engine Oil Checking / Replacement



- A. Oil filler hole/dipstick
- B. Oil level dipstick
- C. Upper level
- D. Lower level



### Engine Oil level checking procedure:

- Park the vehicle on level surface to check the oil level.
- Remove the dipstick & wipe it clean.
- Insert the dipstick & tighten till the 'R' face rests on touching to corresponding face on clutch cover.
- · Remove the dipstick & check the oil level.
- This should be between the two marks 'C' & 'D' as shown.

#### NOTE

Engine oil dipstick head is colored Green. Be sure to use the correct dipstick in this location.

## 3.3 Engine Oil Checking / Replacement





- A. Oil filler hole
- B. Oil drain bolt



### Oil replacement:

Replace oil as per PM Chart.

For replacing Engine oil:

- Run the engine for about 10 minutes to warm up the oil.
- · Park the vehicle on a level ground so that the oil settles down.
- Remove oil drain plug. Let the oil drain completely.
- Tighten the drain plug.
- · Remove oil filling plug and pour the correct quantity of recommended oil.
- · Check the oil level
- Fit back oil filling plug. Ensure that there is no oil leakage.

## 3.3 Engine Oil Checking / Replacement





 A. Location of Oil strainer



B. Oil filter

- A. Oil Strainer Cleaning:
- Oil Strainer is situated inside the plug as shown in the figure.
- · Oil Strainer should be cleaned in accordance with periodic maintenance chart.
- B. Oil Filter Changing:
- · Oil filter is situated inside cap as shown in the figure.
- Replace the oil filter element assembly in accordance with periodic maintenance chart.



A. Oil Level Check Bolt

#### Differential Oil:

Oil level in Differential is checked with the help of a check bolt provided in Main housing. Differential Oil level inspection:

- Park the vehicle on a level ground.
- Let the oil level stabilize for a few minutes.
- Oil level can be checked by means of oil level check bolt. Oil should drip out
- Unscrew the "oil level check bolt" partially
- Confirm the oil coming out of bolt.
- If it is less, top up.
- Check the oil level & top up at recommended frequency

## 3.5 Differential Oil Replacement





B. Oil drain bolt



C. Oil filler plug

## Oil replacement:

Replace oil as recommended in PM chart.

For replacing differential oil

- . Run the engine for about 10 minutes to warm up the oil.
- Park the vehicle on a level ground so that the oil level stabilizes.
- Remove oil drain plug. Let the oil drain completely.
- Tighten the drain plug.
- Remove oil filling plug and pour the correct quantity of recommended oil.
- · Check the oil level.
- Fit back oil filling plug. Ensure that there is no oil leakage.

## 3.6 Recommended Oil Grade And Quantity



### Lubrication:

Replace the oil in accordance with periodic maintenance chart.

	Recommended oil grade	Quantity
Engine oil refil W/O oil filter	SAE 20W50 of API 'SL'	1600 ml.
Engine oil refill With oil filter	JASO'MA'grade	1750 ml.
Differential oil	SAE 20W50 of API 'SL' JASO'MA'grade	300 ml.

### NOTE

Two different grades of oil should not be mixed.

### NOTE

USE "BAJAJ DTS-I 1000-20W50" Bajaj Genuine or CNG Power Plus Engine Oil for Optimum Engine Performance or equivalent.

# 3.7 Air Filter Cleaning & Replacement





Air Filter

## Air Filter Cleaning:

- Open clips of air filter assembly.
- Remove air filter element.
- · Clean the air filter element by air filter cleaning machine
- Clean air filter housing by air jet and wipe it clean.
- · Assemble air filter element in the housing, fix the clips,

## 3.8 Drive Shaft CV









(Differential Side) Drive Shaft CV (Wheel side)

### Drive Shaft CV: Rubber Bellows

- . Bellows should be kept in good condition & replaced immediately if torn,
- Torn bellows will allow dust & water entry into the Drive Shaft flanges which will cause damage to Drive Shaft.

### 3.9 Brake Oil





#### Brake Oil container:

Brake oil container is located on Master Cylinder near brake pedal. Check the brake fluid level. Check that the fluid level is between the "Max" and "Min" lines, If the brake fluid level is near the "Min" line, fill it up to the "MAX" line with recommended brake fluid.

### A CAUTION

A rapid fluid loss indicates a leak in the brake system which should be inspected by your Distributor / Dealer immediately. Brake fluid is harmful to eyes & can damage painted surfaces. Use caution when refilling the reservoir and avoid hand contact with brake fluid.

#### Brake Oil:

- It is advisable that the brake fluid should be replaced at least once in a year.
- Always use DOT-3 grade brake oil only.
- Brake oil is Hygroscopic in nature. Hence please ensure that brake oil container cap is tightly fixed.

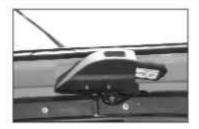
Marketed by	Type of Oil
Hindustan Petroleum	HP Super Duty brake fluid DOT-3
Indian Oil Corporation	Servo brake fluid super HD
Bharat Petroleum	Bharat Heavy Duty brake fluid
Castrol India Ltd.	Castrol Universal brake fluid

#### Note

 Please note that 2 different makes or types of brake fluid should not be mixed together.

## 3.10 Wiper Motor





## Wiper Motor:

 Self parking feature is provided in the wiper motor. Wiper blade will rest in extreme left position. (When viewed from inside the cabin).

### **AWARNING**

 Before pressurized washing of the vehicle, wrap the wiper motor with polythene sheet to prevent water entry.

# 3.11 Free Play



### Free play for :

a. At brake pedal : 10-15 mm

b. At clutch lever : 4-5 mm c. Accelerator grip : 1-2 mm

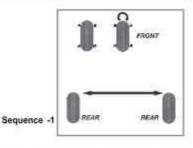
d. Choke cable : 2-3 mm

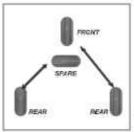
(at engine end)
e. Spark plug gap : 0.6-0.8 mm

f. Gear Cable Play : 1-2 mm (at engine end)

## 3.12 Tyre Rotation







Sequence -2

Tyre rotation: The wheels are interchangeable provided they are correctly inflated. To even out tyre tread wear it is recommended to rotate it after every 5,000 km and inflate it to the specified pressure. The best tyres should always be kept at the rear wheels which are driving wheels, thereafter follow the sequence of rotation.

Sequence -1 After 5,000 ,15,000----- km

Flip the front tyre & interchange rear wheels as shown

Sequence -2 After 10,000 ,20,000---- km

Interchange Front & rear right wheel ,spare & rear left wheel as shown

### **AWARNING**

Ensure wheel changing to be done on firm, level road surface.

# 3.13 Tyre Pressure





Tyre Pressure: Maintain recommended tyre pressure as mentioned below, to increase life of the tyre and for better fuel consumption.

Front	2.4 kg/cm <sup>2</sup>	
Rear	3.2 kg/cm <sup>2</sup>	

Tyre Size: 4.5-10, 8PR (All four tyres)

## 3.14 Wheel Changing







Fig. A - Front

Fig. B - Rear

## Changing wheels:

Pull the parking brake and loosen the wheel retaining nuts. Place the jack as shown in Fig. 'A' (For removing Front wheel) and Fig. 'B' (For removing Rear wheel) then jack up the vehicle until the wheel clears the ground. Remove the wheel nuts and take out the wheel. On reassembling progressively screw the wheel nuts and lower the vehicle slowly to the ground, then tighten the wheel nuts. Whenever possible change the wheel with vehicle on level road surface.

# 4. Pre Delivery Inspection



### Transit Damage:

Check the vehicle for any transit damages.

#### Performance:

Check gear shifting and clutch for proper adjustment and working.

Check and adjust engine idling.

Check for drive ability, hesitation.

### Check/ Play/ Adjustment/ Cable:

Check and adjust all control cables.

Check and correct tyre inflation pressure including that of Spare wheel.

### Electrical:

Check all lights, horn, wiper motor & switch operation for satisfactory working.

## Clean the vehicle before delivery

Fit all accessories before delivery



For faster response, please furnish the following details in e-mail / written communication to our Distributor.

- Contact Details (Customer Name & Add. Ph./Mob. No)
- Vehicle Details (Engine No., Chassis No., Registration No., Make and Purchase Date)
- · Selling/Servicing Distributors / Dealers
- · Nature of Complaint in Brief

For any additional Information or Assistance Please Contact:

# Bajaj Auto Limited

Export Service International Business

Akurdi, Pune 411 035 India Phone : +91 20 27406278 Fax : +91 20 27407385

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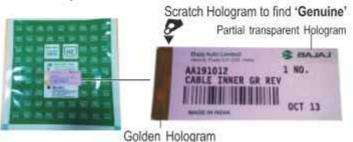
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