

BOXER **BM100** **ELECTRIC**

MADE STRONGER TO LAST LONGER

User's Guide
(Export)



Foreword



Dear Customer,

Congratulations on choosing “**Boxer BM 100 Electric**” motorcycle, one of the finest motorcycles in the country brought to you by Bajaj Auto Limited.

Before you prepare for riding, please read this User's Guide carefully to familiarize yourself with the mechanism and the controls of the vehicle.

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

You can entrust Bajaj Dealers, who are well equipped with all necessary facilities, skill sets and trained manpower for servicing and repairs of your “**Boxer BM 100 Electric**”. In the rare 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 Dealership. If necessary, you may also write to selling Dealer with relevant details like Registration no. Chassis no., Engine no., Date of purchase, Kms. run and your contact numbers.

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

Wishing you unlimited miles of happiness!

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Table of Contents

Description

1. Technical Specifications	1	7. Periodic Maintenance Information	19
2. Identification Data	3	8. Periodic Maintenance & Lub. Chart	24
3. Location of Parts	4	9. Non-use Maintenance	27
4. How to Ride Your Bike	13		
5. Running In	15		
6. Safe Riding Tips	17		

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 caution.

Notice: The description and illustration in this booklet are not to be taken as binding on the manufacturers. The essential features of the type described and illustrated herein remaining unaltered. Bajaj Auto Limited reserves the right to carry out at any moment without being obliged to bring this booklet upto-date, modifications on the vehicle, parts or accessories as may be convenient and necessary.

Technical Specifications

BOXER BM100 ELECTRIC
MADE STRONGER TO LAST LONGER

Engine	: 4 stroke, single cylinder Natural air cooled.	Front Brake	: Mech. expanding shoe 110 mm dia. Drum
Bore x Stroke	: 47.0 mm x 58.8 mm	Rear Brake	: Mech. expanding shoe 130 mm dia. Drum
Eng. Displacement	: 102 cc	Fuel Tank Capacity	:
Compression Ratio	: 9.8 : 1	Full	: 10.5 liters
Idling Speed	: 1400 rpm \pm 100	Reserve	: 2.9 liters
Max. Net Power	: 5.66 Kw @ 7500 rpm	Usable	: 2.4 liters
Max. Net Torque	: 8.24 Nm @ 5500 rpm	Dimensions	:
Ignition System	: AC, DC	Length	: 1975 mm
Spark Plug (1 Nos)	: CHAMPION PRZ9HC or BOSCH UR4AC	Width	: 752 mm
Spark Plug Gap	: 0.7~0.8 mm	Height	: 1074 mm
Lubrication	: Wet sump, Forced.	Wheel base	: 1235 mm
Transmission	: 4 speed constant mesh.	Ground clearance	: 176 mm
		Turning circle radius	: 2050 mm

Technical Specifications



Tyre Size	Front	: 2.75 X 17", 41P
	Rear	: 3.00 X 17", 50P
Tyre Pressure	Front	: 1.75 kg/cm ² (25 PSI)
	Rear (Solo)	: 2.00 kg/cm ² (28 PSI)
	Rear (Pillion)	: 2.25 kg/cm ² (32 PSI)
Electrical System		: 12 Volts (AC/DC)
Head Lamp		: 35/35W
Neutral		: 12V, 3W
Tail / Stop Lamp		: 12V, 5/21W
Turn Signal Indicator		: 12V, 3W
Side indicator Lamp		: 12V, 10W (4nos.- clear bulb)
Hi Beam Indi. Lamp		: 12V, 3W
Speedometer Lamp		: 12V, 3W
Horn		: 12V DC
Battery		: 12 V 3Ah VRLA

Vehicle Kerb Weight : 111 kg. (KS)

Gross Vehicle Weight : 246 kg. (KS)

Max. Speed : 90 km/hr. (With
single rider 68kg)

Climbing Ability : 25% max. (14^o)

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

Identification Data

BOXER BM 100 ELECTRIC
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The Frame and Engine serial numbers are used to register the motorcycle. They are the unique alpha-numeric codes to identify your particular vehicle from others of the same model and type.



Frame Number Location

On LH Side of Steering Tube
(Alpha-Numeric - 17 Digits)



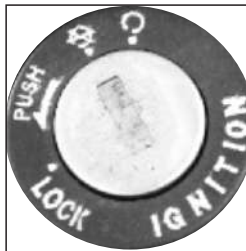
Engine Number Location

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

Location of Parts

BOXER BM 100 ELECTRIC
MADE STRONGER TO LAST LONGER





Steering cum Ignition Lock :

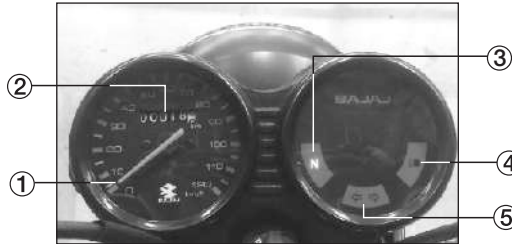
It has three positions.

●	LOCK : Steering locked. Ignition OFF.
⚙	OFF : Steering unlock. Ignition OFF.
?	ON : Steering unlock. Ignition ON.

To Lock the Steering : To lock the steering, turn the handle bar to the left or right. Push & release the key. Turn the key to “LOCK” position and remove the key.

To Unlock the Steering : To unlock the steering, insert the key in steering cum ignition lock & turn it clockwise to “OFF” or “ON” position.

Key : A common key is used for ‘Steering cum Ignition lock’, ‘Fuel tank cap’ and ‘Side cover lock’.



1. Speedometer :

The Speedometer pointer shows the speed of vehicle.

2. Odometer :

The Odometer shows the total distance that the vehicle has been ridden.

3. Neutral Indicator :

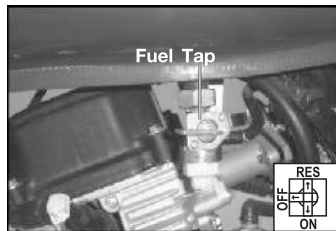
When the transmission is in Neutral and Ignition switch 'ON', the Neutral indicator is lit. (Symbol is visible under lit condition).

4. Hi Beam Indicator :

When Headlight is 'ON' and Hi beam is selected with engine running, Hi beam indicator will be lit. (Symbol is visible under lit condition).

5. Turn Signal Indicator (LH & RH) :

When Turn signal switch is turned to Left or Right, Turn pilot indicator will flash. (Symbol is visible under lit condition).



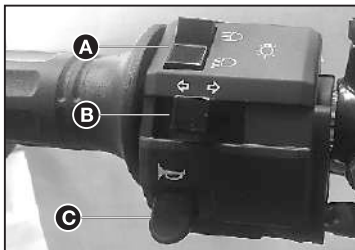
Fuel Tank Cap

- To open the fuel tank cap, insert the key in the lock and turn it clockwise and lift fuel tank cap.
- 'Fuel Tank Cap' is locked when pushed back into place.

Fuel Tap

Fuel tap lever has following positions.

- ON** : When fuel level is above Reserve position.
- RES** : When fuel level is below Reserve position.
- OFF** : When fuel supply is to be cut off.

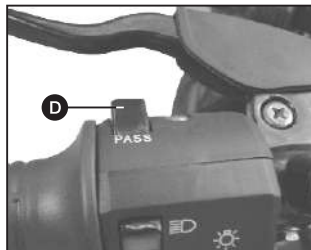


Left Handle Bar Switches

A. Dipper Switch : When headlight is ON, High or Low beam can be selected with the dipper switch. Hi beam indicator light located on Speedo console will light up when high beam is selected.

☰○ : High Beam ☷○ : Low beam

B. Turn Signal Switch : When the turn signal switch is turned to Left (↶) or Right (↷), the corresponding turn signals flash on and off. To stop flashing, push the switch in and release.



C. Horn Button : (🔊) Press horn button for sounding horn.

D. Pass Switch : Press the switch to flash the head light. It is used to give signal to vehicles coming from opposite side while overtaking.



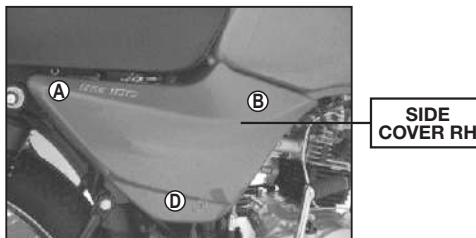
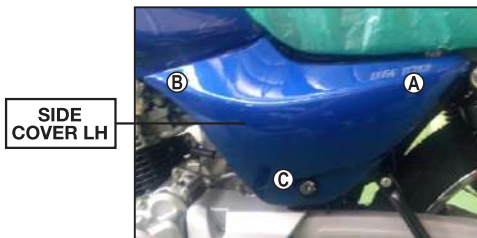
Right Handle Bar Switches

D. Head Light Switch : It has 2 positions.

● : All lamps 'OFF'.

☀ : While engine running, Head lamp,
Tail lamp & Meter lamps 'ON'.

E. Starter Button : Electric starter operates only when the vehicle is in neutral position. Self start is not possible in gear engaged mode.



Removal Of Side Cover LH and RH

- Insert the key into cover lock (C) & turn the key clockwise & pull 'Side cover' LH out from bottom.
- Pull 'Side cover' from (A) to release Lug provided on 'Side cover' from hole provided on 'Frame'.
- Slide the 'Side Cover' forward (towards the engine) from location (B) to release slot provided on front side of 'Side cover' from bracket with rubber cap provided on 'Fuel Tank'. Take out 'Side cover'.
- Similarly 'Side cover' RH can be removed after removing screw (D).

Caution : Remove cover as described above, otherwise the lugs may break.

Fitment Of Side Cover LH and RH

- Match slot (B) provided on front side of 'Side Cover' with bracket provided on 'Fuel Tank' and slide 'Side cover' backward (towards Tail lamp).
- Match Lug (A) provided on rear side of 'Side cover' with hole provided on 'Frame' and press 'Side cover' inside.
- Match the lock plate of 'Side cover' properly with bracket on 'Chassis' and Lock. (For 'Side cover' LH).
- For 'Side cover' RH adopt same procedure and fit the screw (D) properly.

Caution : Fit cover as described above to ensure proper fitment.



Battery

- Battery is located inside Side Cover LH.
- Make of battery may differ from vehicle to vehicle.

3 Ah VRLA Battery :

- No topping-up is required
- Reduced self discharge, enhanced safety.

Tool Kit Location

- It is located inside the Side Cover LH .
- A rubber strap is provided to hold the tool kit.



CAUTION : Always fit rubber strap to hold the tool kit.



Fig. A

Removal of Seat

- Remove 2 nos. M5 Allen bolts provided for fixing of seat on LH & RH side with M5 allen key.
- Lift the seat from rear side & pull it toward rear side.



Fig. B

Fitment of Seat


- Match & insert the bracket ('1' of Fig. 'B') of seat with slot ('2' of Fig. 'B') provided below fuel tank rear mounting on chassis.
- Push seat towards fuel tank and align lugs ('3' & '4' of Fig. 'B') with bracket on chassis & tighten 2 nos M5 allen bolts on LH/RH side.

Starting The Engine :

- Turn the fuel tap knob to 'ON' or 'RES' position.
- Turn ignition switch key to 'ON' position.
- Confirm that transmission is in neutral.
- If the engine is cold or when starting for first time, use manual choke for quick starting. Choke lever is located on RH side of Carburettor.


Manual Choke



- Keep throttle completely closed, press starter button “ / apply kick to start the engine.

- Release starter button / kick lever as soon as engine starts.
- When the engine is warmed up enough to idle without using choke, return the manual choke lever to OFF position.

Note : Do not let the engine idle longer than 3 minutes otherwise it will overheat.

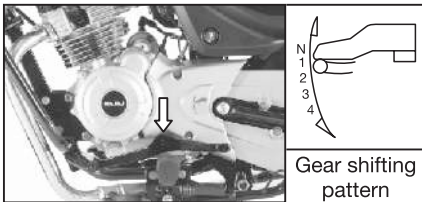
 **Caution :** Do not operate the starter continuously for more than 5 seconds otherwise battery would get discharged. Wait 15 sec. after successive 3 cranks, which will help battery to recover.

Moving Off :


- Check that Center/Side stand is up.
- Depress 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 avoid stalling.

Shifting Gears :

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



Gear shifting pattern

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

Braking :

- Close the throttle completely, leaving the clutch engaged (except where shifting gears) so that the engine braking will help slow down the motorcycle.
- Shift down one gear at a time so that you are in Neutral when you come to a complete stop.
- When stopping, always apply both brakes at the same time. De-clutch as necessary to avoid engine stalling.

- Never lock the brakes, or it will cause the tyres to skid. When cornering, use brakes judiciously and do not de-clutch. Reduce your speed before you enter the corner. For emergency braking, disregard downshifting, and concentrate on applying brakes as hard as possible without skidding.

Stopping the Vehicle :

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

Parking the Vehicle :

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



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

Running IN

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

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

Kms	1st	2nd	3rd	4th
0 - 1000	15	25	30	40
1000 - 2000	20	30	40	45

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

Fuel Saving Tips :

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

Good Riding Habits :

- Ride smoothly and steadily at an optimum driving speed of 40 to 50 Km/h
- 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.
- Ensure choke lever is in 'OFF' condition after engine is warm.

How to check mileage (Fuel efficiency)

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

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

Optimum Shifting Speeds for best mileage

- 1st gear : 0 km/h
- 2nd gear : 14 ~ 17 km/h
- 3rd gear : 22 ~ 25 km/h
- 4th gear : 31 ~ 34 km/h

Ensure following maintenance points to get optimum fuel efficiency from your bike.

Fuel	Check fuel lines & connections for leakage.
Spark plug	Inspect and clean spark plug. Adjust electrode gap.
Air filter	Clean air filter element periodically.
Engine oil	Check level. Use recommended grade and quantity.
Brakes	Ensure that the brakes are not dragging / binding.
Clutch	Ensure correct clutch lever play.
Tyre Pressure.	Always maintain recommended tyre pressure.
Carburettor	Clean & adjust the carburettor. Adjust idling speed.

Safe Riding Tips

- Always wear a helmet while riding. Your helmet should conform to appropriate driving standards.
- Read thoroughly the instructions in this manual and follow them carefully.
- Avoid fitment of unnecessary accessories for the safety of both rider and other motorists.
- Get familiar and follow traffic rules & regulations in your States as well as general traffic signs.
- Familiarise yourself well with starting, acceleration and braking of the vehicle.
- When applying the brakes, use both front and rear brakes simultaneously. Applying only one brake may cause loss of control.
- Riding at proper speed and avoiding unnecessary acceleration and



braking are important not only for safety and low fuel consumption, but also for longer life of the vehicle.

- During monsoon, drive the vehicle more cautiously. Remember vehicles skid more easily during light showers.
- Drive cautiously. Start early & reach your destination safely.
- Always carry vehicle registration & insurance papers, and a valid driving licence with you.
- Avoid driving on loose sand or stones where vehicle is likely to skid.
- Properly wrap-up loose clothes while riding to avoid entangling in wheel or other objects on Vehicle.
- Always concentrate on riding safely.

Daily Safety Checks :

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

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

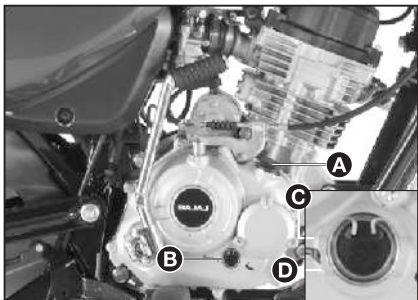
Warning : Failure to perform these checks every day before you ride may result in serious damage or severe accident.

- Enough **fuel** for planned distance of journey. No fuel leakage in fuel lines.
- **Engine oil** level (between upper - lower level mark)
- **Throttle cable** play of 3 - 4 mm. Smooth operation & positive return to closed position,
- **Steering Lock** lever not fouling.
- **Brake Pedal** Play 15 to 20.
- **Wear lining Indicator** within usable range. No brake dragging.
- **Drive Chain** slack of 25 to 30 mm, adequately lubricated.
- Function of all **lights & horn**
- **Clutch lever** play - 2 to 3 mm

- Smooth **steering movement** without restriction
- **Both stands** return to their fully up position.
- Correct **inflation pressure** in both tyres Adequate tyre tread depth- no cracks / cuts.
- Correct **rear viewing** span adjustment of mirror.

Monsoon Care :

- Take appropriate care in areas of heavy rainfall or high humidity. An appropriate surface protection of external part is recommended.
- Vehicle cleaning to be done with soft & clean wet cloth to avoid scratches on painted parts.
- Clean & lubricate all the important parts as the detailed in periodic maintenance chart.
- Do not apply direct water jet on painted, electrical / electronic parts.
- Do not obstruct engine cooling by adding mud protection sheet from front.



A : Oil Filler Cap B : Oil Level Gauge

Engine Oil Level Checking :

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

Engine Oil Capacity :

- Refill at Servicing : 1000 ml.
- During engine overhaul : 1100 ml.

Recommended Oil Grade	SAE 10W30 API 'SL', JASO MA
	SAE 20W50 API 'SL', JASO MA

Engine oil Replacement Frequency :1st service & then every 5000 kms



CAUTION : It is important to adhere to recommended grade & frequency of oil change for the purpose of long life of critical engine components. For details refer Periodic Maintenance chart. Do not reuse drained oil.

Oil Strainer

- Oil Strainer should be cleaned periodically at Vehicle Dealer/Authorised Service Center.
- Oil Strainer can be accessed on removal of engine oil drain bolt.

Periodic Maintenance Information

CAUTION :

- It is most important to adhere to recommended grade & frequency of oil change for the purpose of long life of critical engine components. For details refer periodic maintenance chart.
- Do not reuse drained oil.

Wheel Puncture :



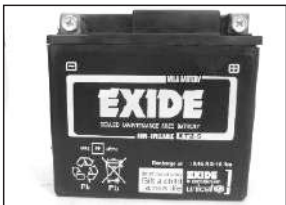
Use the recommended levers while removing the Tyre / Tube for puncture work. This will avoid any damages to the edges / scratches of the wheel.

Tyre Pressure :

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

Front	1.75 Kg/Cm ² (25.0 psi)
Rear (Solo)	2.00 Kg/Cm ² (28.5 psi)
Rear (with Pillion)	2.25 Kg/Cm ² (32.0 psi)

Battery Maintenance :



Battery : 12V - 3 Ah VRLA

- Battery is located inside 'Side Cover LH'.

Battery Features :

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

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

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

How to keep battery healthy ?

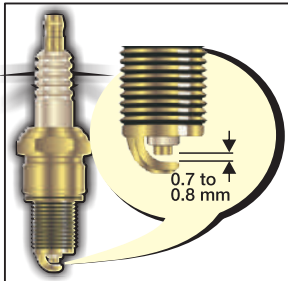
- Switch 'Off' ignition when engine is not running.
- Get battery checked/ charged during periodic services.
- Do not press starter button for more than 5 sec. After 3 successive cranking, wait for 15-20 sec. for battery to recover.
- **Do not add extra electrical accessories such as - Remote, Bigger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

Spark Plug

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

Spark Plug Gap : 0.7 to 0.8 mm.

Spark Plug : Champion PRZ9HC or Bosch UR4AC



Drive Chain Slackness

- Chain top edge to be kept between the two marks during chain slackness adjustment.
- Care should be taken, that the chain should never run dry. Lubricate chain from outside with SAE 90 oil at every 500 kms.
- Chain slackness will have to be adjusted whenever required.





Cleaning

Drive Chain

- Lubricate chain every 500 kilometers with SAE 90 oil or equivalent.
- Check & if required adjust chain slackness (whenever required).
- Remove, clean, inspect and lubricate (overhaul) drive chain at every 5,000 kilometers.

Method of chain lubrication :

- Remove chain covers & drive chain link lock
- Take out drive chain.

Chain Lubrication

- Clean the chain with nylon brush by using kerosene/ with the help of chain cleaning machine.
- After cleaning, dip chain in SAE 90 oil / lubricate in molten grease of chain cleaning machine.
- For effective lubrication recommended chain spray can be used. Spray the lubricant into clearance between drive chain roller & bush. Wipe out excess lubricant by using lint free cloth.

Periodic Maintenance & Lubrication Chart

Sr. No.	Operation	RECOMMENDED FREQUENCY								
		Servicing	1st	2nd	3rd	4th	5th	6th	7th	
		Kms	750	5000	10000	15000	20000	25000	30000	
1.	Servicing		✓	✓	✓	✓	✓	✓	✓	1st - 750 Kms / 30 Days 2nd onward @5000 Kms
2.	Engine idling speed / CO%	A	A	A	A	A	A	A	A	
3.	Valve tappet clearance	A	A	A	A	A	A	A	A	
4.	Engine oil	R	R	R	R	R	R	R	R	Replace at 5000 Kms
5.	Oil strainer	CL	CL	CL	CL	CL	CL	CL	CL	Clean at 5000 Kms
6.	Paper oil filter	R	R	R	R	R	R	R	R	Replace at every oil change
7.	Spark plug functioning / Gap	C, A, R	C, A	C, A	C, A	R	C, A	C, A	R	Replace at every 15000Kms
8.	Air cleaner element Clean / Replace	CL, R	CL	CL	CL	R	CL	CL	R	Clean at every 5000Kms Replace at every 15000Kms
9.	Air filter cover 'O' Ring	R					R			Replace at every 15000Kms
10.	Fuel cock sediment bowl cleaning	CL		CL	CL	CL	CL	CL	CL	Clean at every 5000 kms
11.	Carburettor float bowl cleaning	CL			CL		CL		CL	Clean at every 10000Kms
12.	Carburettor rubber duct	C, R	C	C	C	C	R	C	C	Replace at every 20000kms
13.	Fuel pipes	C, R	C	C	C	C	R	C	C	Replace at every 20000kms
14.	Fuel cock sediment bowl cleaning	CL	CL	CL	CL	CL	CL	CL	CL	
15.	Clutch lever free play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	

* More frequent cleaning may be required when driving in dusty condition.

Periodic Maintenance & Lubrication Chart



Sr. No.	Operation	RECOMMENDED FREQUENCY								
		Servicing	1st	2nd	3rd	4th	5th	6th	7th	
		Kms	750	5000	10000	15000	20000	25000	30000	
16.	Throttle grip play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
17.	Rear brake pedal free play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
18.	Brake lining or pad wear	CL, R		CL	CL	CL, R	CL	CL	CL, R	Replace at every 15000kms
19.	Brake cam & pedal pivot pin	L				L			L	Use AP grease
20.	Steering play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	Use Limaplex HTX3 grease or equivalent
21.	Steering stem bearing	C, L, R			C,L,R		C,L,R		C,L,R	
22.	All fasteners tightness	C, T	C, T	C, T	C, T	C, T	C, T	C, T	C, T	
23.	Rear sprocket fasteners	C, T	C, T	C, T	C, T	C, T	C, T	C, T	C, T	
24.	Rear wheel rubber shock damper	C, R			C, R		C, R		C, R	Replace at every 10000kms
25.	Silencer drain hole cleaning	CL	CL	CL	CL	CL	CL	CL	CL	Clean at every 5000Kms
26.	Cylinder head de-carbonising, valve lapping & Replace valve oil seals	CL				CL			CL	Clean at every 15000Kms
27.	Engine air breather tube	R					R			Replace at every 20000Kms
28.	Drive chain slackness adjustment & lubrication	C, A, L	C,A,L	C,A,L	C,A,L	C,A,L	C,A,L	C,A,L	C,A,L	Lubricate at every 500kms. A- slackness whenever reqd.

Periodic Maintenance & Lubrication Chart

Sr. No.	Operation	Servicing	RECOMMENDED FREQUENCY								
			1st	2nd	3rd	4th	5th	6th	7th		
			Kms	750	5000	10000	15000	20000	25000		30000
29.	Ignition switch barrel cleaning	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	Use WD 40 spray or equivalent
30.	Drive chain remove, clean, insp. & lub. (O/H)	CL, L		CL, L	CL, L	CL, L	CL, L	CL, L	CL, L	CL, L	At every 5000Kms
31.	Drive chain link lock	R		R	R	R	R	R	R	R	Replace at every 5000Kms
32.	Wheel bearing (for non sealed bearings only)	C, L					C, L				At every 20000Kms
33.	Front & Rear wheel spoke tightening	C, T	C, T	C, T	C, T	C, T	C, T	C, T	C, T	C, T	At every service
34.	Tyre tread wear	C, R			C, R	C, R	C, R	C, R	C, R	C, R	At every ser. after 2nd ser.
35.	Front fork oil	R					R				Replace at every 20000Kms
36.	Handle for control switches contact cleaning	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	C,CL	Use WD 40 spray or equivalent
37.	Rear shock absorber	C		C	C	C	C	C	C	C	At every 5000 Kms.
38.	General lubrication	L	L	L	L	L	L	L	L	L	

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

Note : Periodic parts / lubricants to be replaced as per Periodic Maintenance and Lubrication Chart are mandatory and the same are chargeable to customer.

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 carburettor float bowl (if fuel is left in for a longer time, the fuel will deteriorate and gummy substance could clog the carburettor).
- Remove spark plug & put several drops of 2T oil into the cylinder. Kick engine over slowly a few times to coat cylinder wall with oil & install 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.
- Lubricate the control cables.
- 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.

** 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 an Authorised Service Center.
 - Apply petroleum jelly on terminals (applicable to certain models).

Preparation for regular use after storage :

- Clean the vehicle
- Make sure the spark plug is tight.
- Fill the fuel tank with fuel.
- Change the engine oil.
- Check all the points listed in the Daily Safety Checks section.
- Check and inflate tyres to proper tyre pressure.

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