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Safety and Warning information :

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

Caution : This indicates that a potential hazard that could result in vehicle damage. Follow the Advice provided with the caution.

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

Technical Specifications



Engine :

Type	: 4 stroke, Single cyl., Natural Air cooled, SI Engine.
Bore x Stroke	: 52.0 mm x 58.6 mm
Engine Displacement	: 124.45 cc
Compression Ratio	: 9.8 ± 0.5 : 1
Idling Speed	: 1400 ± 100 rpm in warm condition

Max. Net Power	: 7.36 kw (10Ps) at 7500 rpm
Max. Net Torque	: 10.5 Nm at 5500 rpm
Ignition System	: AC-DC
Ignition Timing	: Variable as per maps in CDI
Spark Plug	: Bosch UR4AC/ Champion PRZ9HC

Spark Plug Gap	: 0.7 to 0.8 mm
Lubrication	: Positive Displacement.
Transmission	: 5 speed constant mesh.

Chassis :

Brake Front / Rear	: 130 mm Drum Type.
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Fuel Tank Capacity :

Full	: 10.5 litres
Usable Reserve	: 2.2 litres
Unusable Reserve	: 1.2 litres

Tyre Size :

Front	: 2.75 x 17, 41 P
Rear	: 3.00 x 17, 50 P

Tyre Pressure :

Front	: 1.75 kg / cm ² (25.0 PSI)
Rear (solo)	: 2.0 kg / cm ² (28 PSI)
Rear (pillion)	: 2.25 kg / cm ² (32.0 PSI)

Dimensions :

Length	: 1965 mm	2001 mm
Width	: 752 mm	770 mm
Height	: 1072 mm	1069 mm
Wheel base	: 1235 mm	1235 mm
Ground clearance	: 167mm(Min.)	169 mm

Electrical :

Battery	: 12V 3Ah VRLA
Electrical System	: 12V AC/DC
Head Lamp	: 12V 35/35
Stop Lamp/Tail Lamp	: 12V 5/21 W
Turn Signal Indicator Lamp:	12V 2W
Neutral Indicator Lamp	: 12V 2W
Hi Beam Indicator Lamp	: 12V 2W
Turn Indicator Lamp	: 12V 10W (4 Nos.)
General illumination Lamp	: 12V 2W (2 Nos.)
Horn	: 12V DC, 2 Amps.

Weights :

Vehicle Kerb Weight	: 114 kg.	115 kg.
Gross Vehicle Weight	: 244 kg.	245 kg.

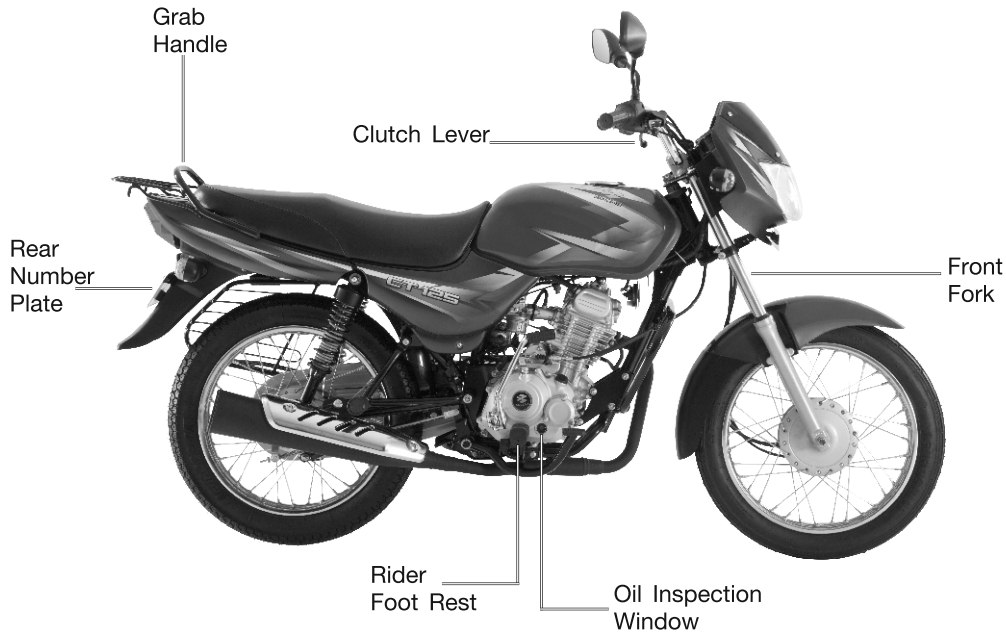
Performance :

Max. Speed	: 90 km/hr. (single rider 75 kg)
Climbing ability	: 25% (14°) max.

Note : All dimensions are under UNLADEN condition. Above information is subject to change.

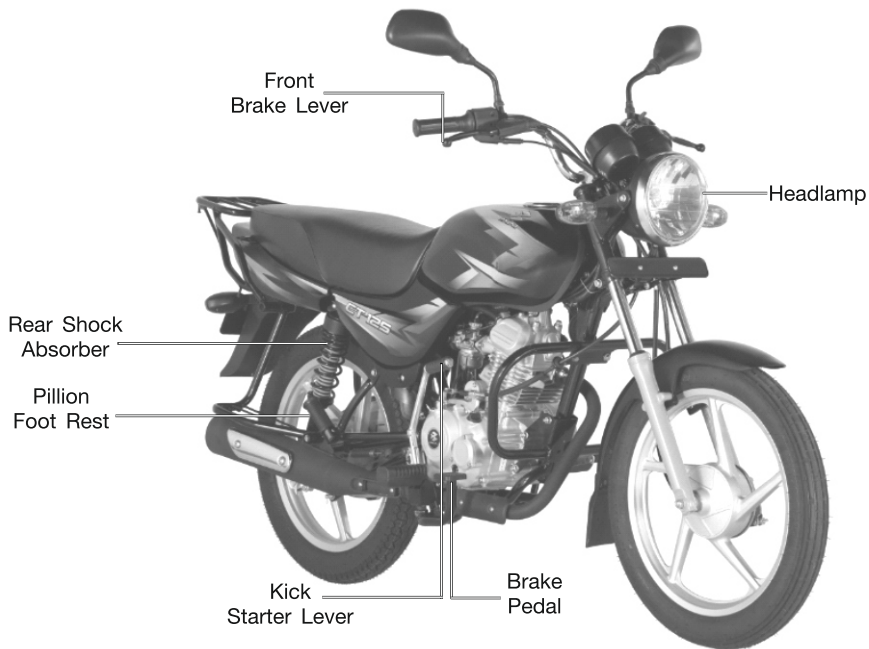
Location of Parts

GT125



Location of Parts

GT125



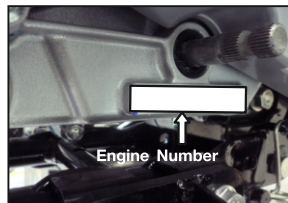
Location of Parts

GT125

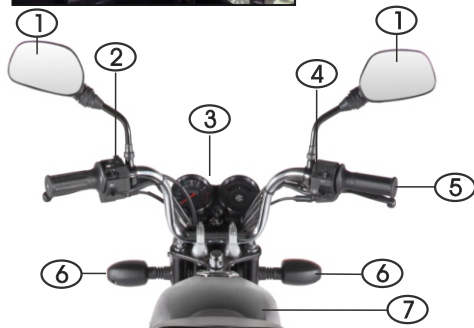
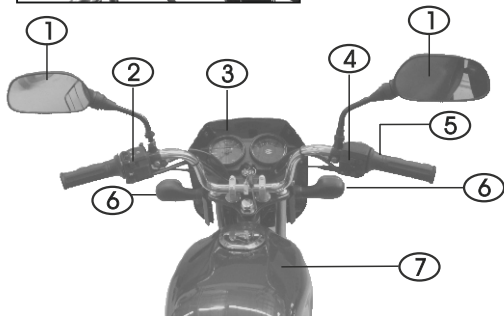
The Frame and Engine serial numbers are used to register the motorcycle. They are the unique alpha-numeric codes to identify your particular vehicle from others of the same model and type.



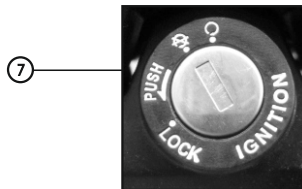
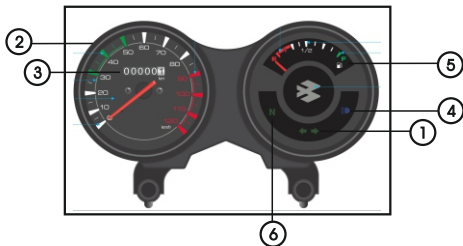
Frame Number Location
On LH Side of Steering
Tube (Alpha-Numeric -
17 Digits)



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



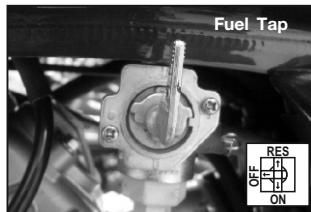
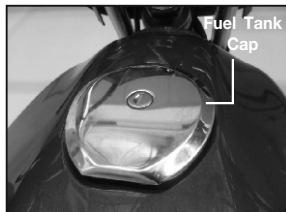
- | | | | |
|-------------------|----------------------|-------------------|----------------------|
| 1. Mirror - LH/RH | 2. Control Switch LH | 3. Speedo Console | 4. Control Switch RH |
| 5. Throttle Grip | 6. Indicators LH/RH | 7. Fuel Tank | |



1. **Turn Signal Indicator (LH & RH)** : When Turn Signal Switch is turned to Left or Right side, the Turn Pilot Indicator LH & RH will start flashing.
2. **Speedometer** : The Speedometer shows the speed of vehicle in km/hr.
3. **Odometer** : The Odometer shows the total distance that the vehicle has covered. Odometer reading cannot be reset to 'Zero'.
4. **Hi-Beam Indicator** : When Headlight is 'ON' and Hi-Beam is selected, with engine running condition the Hi-Beam Indicator will glow.
5. **Fuel Level Indicator** : It shows the fuel level inside the Fuel Tank.

6. **Neutral Indicator** :
When the transmission is in Neutral and Ignition Switch is 'ON', the Neutral Indicator will glow.
7. **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/right hand side completely. Push & turn the key to the 'LOCK' position & then remove the key.

To Unlock the Steering : To unlock Steering, insert the key in Steering cum Ignition Lock & turn it clockwise to 'OFF' or 'ON' position.

Key : The key used for 'Steering cum Ignition Lock', 'Fuel Tank Cap' & 'Side Cover LH' is common.

Fuel Tank Cap

- To open the Fuel Tank Cap, insert the key inside the lock and turn it clockwise and lift the Fuel Tank Cap.
- 'Fuel Tank Cap' gets locked when pushed/pressed back into the Petrol Tank mouth firmly.

Fuel Tap

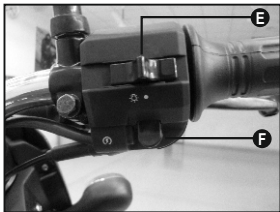
Fuel Tap lever has following 3 positions.

	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 using the dipper switch. Hi Beam Indicator Light located on Speedo Console will glow when High Beam is selected.
 ≡○ : High Beam ≡○ : Low Beam
- B. Turn Signal Switch :** When the Turn Signal Switch knob is turned to Left side (↶) or Right side (↷) respective indicator is selected, Press the knob 'B' in the center to release it.
- C. Horn Button :** (📎) To operate the Horn press button 'C'.
- D. Pass Switch :** Press & release the switch 'D' towards self to flash the High Beam of Headlamp. This is used to signal to oncoming vehicles during overtaking.



Right Handle Bar Switches

E. Head Light Switch : It has 2 positions.

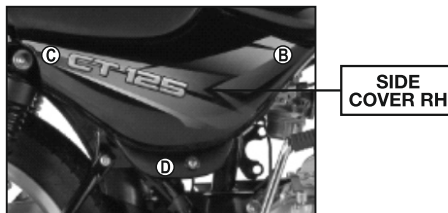
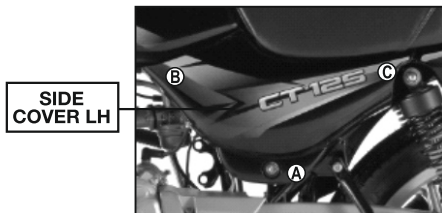
● : All lamps 'OFF'.

☀ : While engine is running, Head Lamp, Tail Lamp & Meter Lamps are 'ON'.

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

Tool Kit Location

- It is located inside the 'Side Cover' LH.
- A rubber strap is provided to hold the Tool Kit.



Removal Of Side Cover LH and RH

- Insert the key into the cover lock (A) & turn the key clockwise.
- Hold the 'Side Cover' LH with both the hands & pull front side (B) first & slide rear side (C) towards front side. Take out the Side Cover LH.
- 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 rear side (C) of 'Side Cover' lug with hole located on Chassis & press the cover firmly.
- Match the Lug provided on front side (B) of 'Side Cover' with hole provided on 'Fuel Tank' & press 'Side Cover' inside firmly.
- Match 'Side Cover' properly with bracket provided on 'Chassis' & lock (A) (for Side Cover LH).
- For 'Side cover' RH adopt same procedure and fit the screw (D) properly.

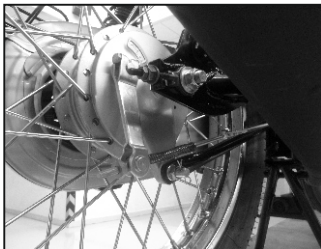
Caution : Fit cover as described above to ensure proper fitment.



For safe riding, the brakes must always be maintained in perfect condition. Properly adjusted brake ensures,

- Free rotation of Front Wheel when the control lever is in the resting position.
- The braking action to start after 2-3 mm of Front brake lever travel.

These conditions are obtained by adjusting the cable by means of adjuster as shown in the figure.



Properly adjusted brake ensures,

- Free rotation of rear wheel when the brake pedal is in the resting position.
- The braking action to starts after 20-30 mm of brake pedal travel.

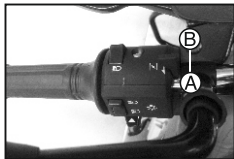
These conditions are obtained by adjusting the cable by means of adjuster as shown in the figure.

Warning :

Brakes are items of personal safety and hence must be maintained in perfect condition.

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 LH Side Switch.
- Keep the Throttle completely closed, press starter button or use kick to start the engine.
- Release starter button / kick lever as soon as engine gets started.
- When the engine is warmed up enough to idle without using Choke, return the Choke to OFF position.



A : Choke "ON"
B : Choke "OFF"

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

Caution : Do not operate the starter button continuously for more than 5 seconds otherwise battery would get discharged.

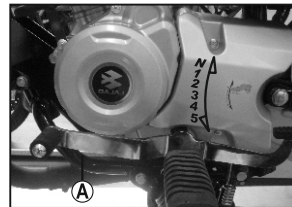
Moving off :

- Start the bike.
- Check that Center/Side stand is retracted.
- Depress the Clutch Lever.
- Shift the gear pedal into 1st gear.
- Open the throttle gradually & simultaneously release the Clutch Lever slowly.
- As the Clutch starts to engage, open the Throttle a little more, giving the engine just enough rpm to keep it from stalling.

Shifting gears :

- Close Throttle & pull in the Clutch Lever.
- Shift into next higher or lower gear as desired.
- Open the Throttle and release the Clutch lever slowly and simultaneously.

Warning : When shifting down to lower gear, do not shift at such high speed that engine rpm rises excessively. This may cause engine damage & rear wheel may skid.



A : Gear Shifting Lever

Braking :

- Close the Throttle completely, leaving the Clutch engaged (except there 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 condition.
- When stopping, always apply both brakes at the same time. De-clutch as necessary to avoid engine stalling.
- Never lock the brakes, or it will cause the tyres to skid. When cornering, use brakes judiciously and do not de-clutch. Reduce your speed before you get into the corner.
- For emergency braking, disregard downshifting, and concentrate on applying the brakes as hard as possible without skidding.

Stopping the vehicle :

- Close the Throttle completely.
- Shift the Transmission into Neutral.
- Bring the vehicle to 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.
- Shift the Transmission into Neutral and turn the Ignition Switch OFF.

Caution : Do not park on a soft or steeply inclined surface this may result in vehicle falling down.

- Always wear a helmet when riding the bike.
- Read thoroughly the instructions given in the manual and follow them carefully.
- Avoid unnecessary accessories for the safety of both rider and other motorists.
- Get familiar with traffic rules & regulations in your region as well as general traffic signs.
- Do not overload your vehicle.
- Familiarise yourself well with starting, acceleration and braking of the vehicle.
- When applying the brakes, use both, front & rear brakes simultaneously. Applying only one of the brakes may cause vehicle imbalance & loss of vehicle 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 vehicle skidding is more common during light showers.
- Drive cautiously. Start early and reach your destination safely.
- Always carry vehicle registration & insurance papers, and a valid driving licence with you.
- Avoid riding on loose sand or stones where vehicle is likely to skid.
- Properly wrap-up / tie up loose clothes while riding to avoid entangling in wheel or other objects on road.
- Always concentrate on riding for safety.

Monsoon Care

- Take appropriate care in area of heavy monsoon or high rainfall or high humidity. A appropriate surface preventive coat to avoid rusting on account of adverse atmospheric conditions 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 detailed in a periodic maintenance chart.
- Do not apply direct water jet on painted, electrical / electronic parts.
- Do not obstruct engine cooling by adding mud splash protection sheet at the front.

Daily Safety Checks



- Enough fuel is filled in for journey. Confirm no fuel leakage are observed in the fuel lines.
- Engine oil level is correct (betⁿ upper - lower level mark)
- Throttle cable play of 2 - 3 mm. Smooth operation & positive return to closed position.
- Steering lock smooth operation.
- Brake Pedal free Play - 20 to 30 mm.
- Brake wear lining Indicator is within usable range. No brake dragging is observed.
- Drive Chain slack is 25 to 30 mm chain is adequately lubricated.
- Function of all lights & horn is ok.
- Smooth steering movement without restriction
- Clutch lever play is 2 to 3 mm
- Ensure that both stands return to its fully closed position.
- Check for correct tyre inflation (Front & Rear). Check adequate tyre tread depth. Confirm no cracks/cuts on tyres.
- Correct rear view adjustment of both mirrors.

Proper running-in is important for better engine 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	5th
0 - 1000	14	22	30	37	44
1000 - 2000	18	28	38	46	55

- Always keep the speed below the limits mentioned in the table.
- Do not race the engine excessively.
- Do not raise the engine rpm immediately after starting. Run the engine for a minute in idle speed to allow engine oil to reach all moving components.

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 45 Km/h.
- Avoid harsh braking.
- Change the gear judiciously according to the speed & 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 gets warm.

Vehicle Maintenance (Ensure Following)

Fuel	Check fuel lines and connections for no leakage.
Spark plug	Inspect and clean spark plug. Adjust electrode gap. Replace periodically
Air filter	Clean / Replace the air filter element periodically.
Engine oil	Check level. Use oil of recommended grade and quantity.
Brakes	Ensure that the brakes are not dragging / binding.
Clutch	Ensure correct clutch lever free play.
Tyre pressure	Always maintain the recommended tyre pressure.
Carburettor	Clean and adjust the carburettor. Adjust idling speed.



Battery (12V - 3 Ah VRLA)

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

Battery Features :

- No topping-up is required
- Reduced self discharge, Enhance safety.
- No vent tube open to atmosphere hence no discharge of electrolyte through vent tube.
- When battery is found discharged, it is advised to get it charged immediately.
- Environment care must be taken to dispose off used battery. It is always recommended to hand over the same to Authorised battery / Bajaj Dealer for proper disposal.

Spark Plug

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

Spark plug gap : 0.7 to 0.8 mm.

Spark Plug : Bosch UR4AC or
Champion PRZ9HC

Tyre Pressure

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

Front	1.75 kg/cm ² (25.0 psi)
Rear (Solo)	2.00 kg/cm ² (28.0 psi)
Rear (Pillion)	2.25 kg/cm ² (32.0 psi)

Drive Chain Slackness

- Chain top edge to be kept between the two marks during chain slackness adjustment.
- Chain slackness will have to be adjusted whenever required.
- Adjust slackness at the tightest portion of the chain.
- Std. Chain slackness : 25 ~ 30 mm
- Marking on chain adjusters should be identically positioned on both sides.



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

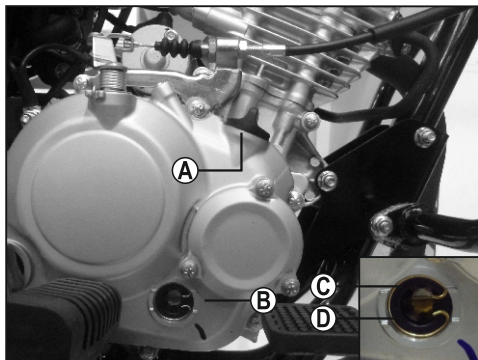
Drive Chain (Non - 'O' Ring type)

- Non-'O' Ring type chain should be removed & cleaned by Nylon brush & Kerosene / diesel in chain cleaning stand.
- It should be lubricated by SAE 90 grade oil.

Lubrication oil should be poured on both link plates and not at the chain center.



Drive Chain Lubrication



A : Oil filler cap
B : Oil level gauge

C : Upper level
D : Lower level

Engine Oil : Check every week

- Always maintain engine oil level between the upper (C) and lower (D) mark provided on Clutch Cover.
- Replace the oil in accordance with periodic maintenance chart.

Engine Oil Level Checking :

- Park the vehicle on center stand, perpendicular to the ground on a firm, level surface.
- Check oil level through oil level inspection window 'B'.

Recommended	SAE 20W50 API 'SL' / JASO 'MA'2
Oil Capacity	1.1 L Refill - 0.9 L

It is most vital to adhere to recommended frequency of oil change for the purpose of long life of critical engine components. For details refer periodic maintenance chart.

Oil Strainer

- Oil strainer is situated inside clutch cover.
- Oil Strainer should be cleaned periodically at Authorised Service Center.



Wheel Puncture

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

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	20W50API SL JASO MA 2 Grade
5.	Oil strainer	CL	CL		CL		CL		CL	Clean at 5000 Kms
6.	Paper oil filter	R	R		R		R		R	Replace at every oil change
7.	Spark plug functioning / Gap	CL, A, R			CL, A		CL, A		R	Replace at every 3000Kms
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	Clean at every 15000 kms
11.	Carburettor float bowl cleaning	CL			CL		CL		CL	Clean at every 10000Kms
12.	Carburettor rubber duct	C, R					C,R			Replace at every 20000kms
13.	Fuel pipes	C, R	C	C	C	C	R	C	C	Replace at every 20000kms
14.	Clutch lever free play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
15.	Throttle grip 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	Servicing	RECOMMENDED FREQUENCY							
			1st	2nd	3rd	4th	5th	6th	7th	
			Kms	750	5000	10000	15000	20000	25000	
16.	Rear brake pedal free play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
17.	Brake lining or pad wear	CL, R		CL	CL	CL, R	CL	CL	CL, R	Replace at every 15000kms
18.	Brake cam & pedal pivot pin	L				L			L	
19.	Steering play	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
20.	Steering stem bearing	C, L, R			C,L,R		C,L,R		C,L,R	
21.	All fasteners tightness	C, T	C, T	C, T	C, T	C, T	C, T	C, T	C, T	
22.	Rear sprocket fasteners	C, T	C, T	C, T	C, T	C, T	C, T	C, T	C, T	
23.	Rear wheel rubber shock damper	C, R			C, R		C, R		C, R	Replace at every 10000kms
24.	Silencer drain hole cleaning	CL	CL	CL	CL	CL	CL	CL	CL	Clean at every 5000Kms
25.	Engine air breather tube	C,R	C	C	C	C	R	C	C	Replace at every 20000Kms
26.	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	A- slackness whenever reqd.
27.	Drive chain link lock	R		R	R	R	R	R	R	Whenever drive chain opened
28.	General Lubrication	L	L	L	L	L	L	L	L	
30.	Spoke wheel tightening** Front & Rear	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	
31.	SAI system Hoses. Check functionality, leakage or any other damage.	C,R			C		C		C	Replace if cut / damaged

Periodic Maintenance & Lubrication Chart



** : As applicable

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

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

For Philippines

Recommended Oil	SAE 20W50 of API 'SL', JASO MA 2 Grade.
Replacement Frequency*	1st replacement at 500-750 Kms./ 1st service. Thereafter at every 2500 Kms.
Recommended Quantity	Drain & Refill 900 ml., Engine Overhaul 1100 ml.

Note :

Parts / Lubricants to be replaced as per Periodic Maintenance & Lubrication Chart are mandatory and the same are chargeable to customer.

CAUTION :

- It is most important to adhere to recommended grade & frequency of oil change for the purpose of long life of critical engine components.
- Do not reuse drained oil.
- It is important to charge the VRLA Battery initially with recommended electrolyte only.

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 should be carried out before storing the vehicle that will prevent the vehicle from oxidation, rusting of parts and also from other non-operational damages like fire hazards.

- Clean the entire vehicle thoroughly.
- Remove the fuel from the Fuel Tank and Carburettor float bowl (if fuel is left in for a longer period, the fuel will have a gummy substance formation that could clog the carburettor jets/ internal passages).
- Remove the Spark Plug and add few drops of engine oil into the Cylinder. Kick the engine slowly so that the oil gets spread over the cylinder wall. Fit the Spark Plug firmly.
- Place the vehicle on a wooden box or a stand firmly. Ensure that both wheels are raised off the ground.
- Coat oil on all unpainted metal surfaces to prevent it from rusting. Avoid oil spillage on rubber parts and brake liners.
- Lubricate the Control Cables.

- Cover entire vehicle neatly. Make sure that the storage area is well ventilated and free from flames or spark.
- Fill 10% excess air pressure in both wheels.

Preparation for regular use after storage :

- Clean the vehicle
- Tighten the Spark Plug.
- Fill the fuel in the Fuel Tank.
- Change the engine oil.
- Check all the points listed in the Daily Safety Checks section.
- Check and inflate tyres to correct specification.

**** 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.
 - Apply petroleum jelly on terminals (applicable to certain models).