



GT 110X  
BS VI



THE WORLD'S  
FAVOURITE  
INDIAN

## Owner's Manual



**REV. 00, MAR. 2023**

Dear Customer,

Congratulations on becoming the proud owner of a **“CT110X BS VI”** one of the most value for money motorcycles in the country.

Your safety and the safety of others is extremely important. Hence, before you ride the bike, please read this Owner's Manual carefully and familiarize yourself with the operating mechanism, controls and maintenance requirements. This will ensure you a long and trouble free ownership experience.

To keep your bike in perfect running condition and deliver consistent performance, we have specially programmed the periodic maintenance services which includes 3 Free and subsequent Paid services. We earnestly advise you to avail all these services at any of our Vehicle Dealers or Authorised Service Dealers (ASD) as per the schedule contained in this booklet

Your **“CT110X BS VI”** comes with a warranty of **5 Years or 75,000 Kms.** whichever occurs earlier from the date of sale. For details please refer to “Warranty: Scope & Limits” given in this manual.

We urge you to entrust all your service needs to a Bajaj Dealer or Authorised Service Centers only. They are well equipped with all necessary facilities / genuine parts / oil and trained manpower will ensure the best care for your bike.

Should you require any additional information feel free to contact us on our helpline number or e-mail us at: **customerservice@bajajauto.co.in** or visit the Bajaj Auto website [www.bajajauto.com](http://www.bajajauto.com)

***Thank you for choosing a Bajaj “CT110X” & wish you unlimited miles of happy riding!!***

**SERVICE DEPARTMENT**

**BAJAJ AUTO LIMITED**

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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 upto-date & to do modifications on the vehicle, parts or accessories as may be convenient and necessary.

## Technical Specifications



Parameter	CT 110X ES
Engine	4 stroke, Natural air cooled
Bore x Stroke	50 mm x 58.8 mm
Displacement	115.45 cc
Idling Speed	1300 $\pm$ 100 RPM
Max. Net Power	8.6 PS @ 7500 RPM
Max. Net Torque	9.81 Nm @ 5000 RPM
Ignition System	DC
Starting Aid	Kick & Self
Spark Plug	1 nos.
Spark Plug Gap	0.7 to 0.8 mm
Transmission	4 Speed (All down)
Lubrication	Forced Lubrication
Front Brake	Drum
Rear Brake	Drum - With CBS
Tyre Front	2.75-17, 41P, Tube type semi knobby
Tyre Rear	3-17, 50P, Tube type semi knobby

## Technical Specifications



Parameter	CT 110X ES
Tyre Pressure	
Front	2 kgf/cm <sup>2</sup> (28 PSI)
Rear (Solo)	2 kgf/cm <sup>2</sup> (28 PSI)
Rear (Pillion)	2.25 kgf/cm <sup>2</sup> (32 PSI)
Fuel Tank Full	11 Liters
Fuel Tank Reserve	2.3 Liters
Length	1998 mm
Width	753 mm
Height	1098 mm
Wheel base	1285 mm
Ground Clearance	170 mm
Electrical System	DC
Head Lamp	35/35W with DRL
Tail Lamp/Stop Lamp	5/10W - Bulb
Side Indicator	10W - 4 Nos. - Bulb
Horn	12V, 2A

## Technical Specifications



Parameter	CT 110X ES
Neutral Indicator	2W - Bulb
Turn Signal Indicator	2W - Bulb
Hi-Beam Indicator	2W - Bulb
Speedometer back light	2W - Bulb
Malfunction Indicator	2W - Bulb
Fuel Level Indicator	Analogue
Battery	12V 3 Ah VRLA
Vehicle Kerb Weight	127 kg.
Vehicle Gross Weight	257 kg.

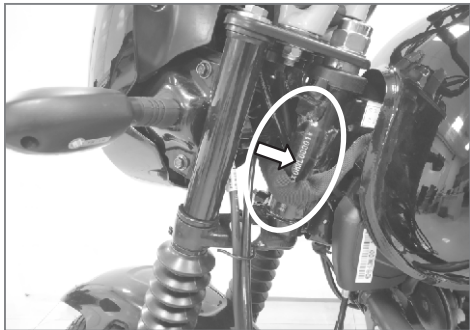
**Note :**

- All dimensions are under UNLADEN condition.
- Above information is subject to change without any notice.
- This vehicle complies to BS VI standards.
- Day Time Running Light (DRL) is as per Government regulation.

## Identification Data- (Frame Number & Engine Number)



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.

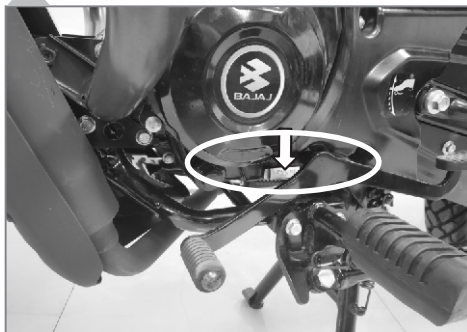


### Frame Number Location

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

### Engine Number Location

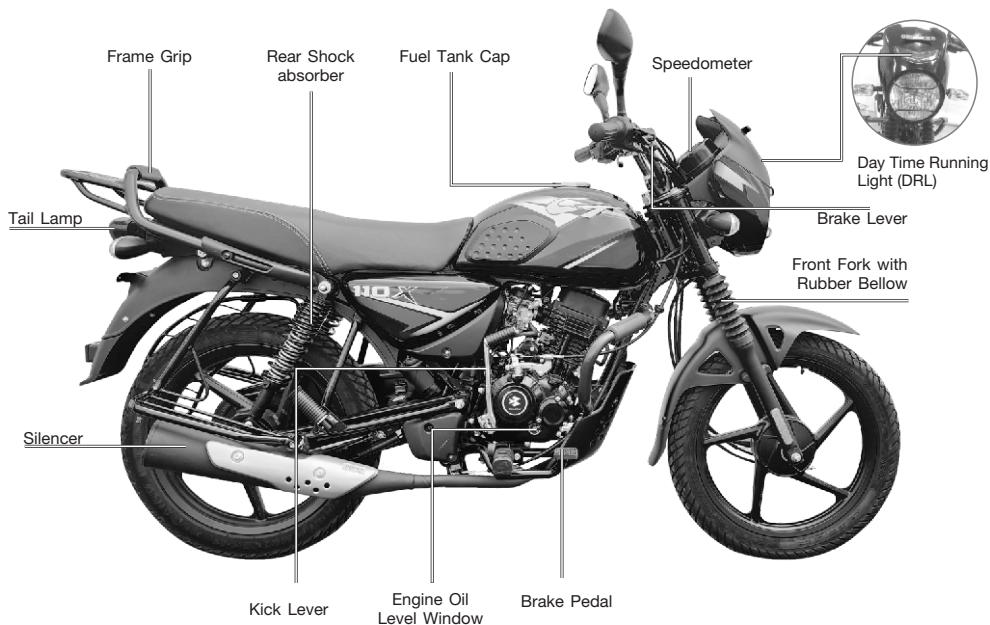
On LH Side Crankcase Near Gear  
Change Lever (Alpha-Numeric - 11 Digits)





## Location of Parts

GT 110X





## Steering cum Ignition Lock :

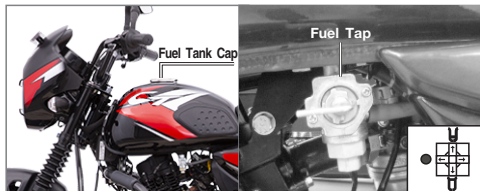
It has three positions.

●	<b>LOCK:</b> Steering locked. Ignition OFF.
⊙	<b>OFF:</b> Steering unlock. Ignition OFF.
⊙	<b>ON:</b> Steering unlock. Ignition ON.

**Key :** A common key is used for 'Steering cum Ignition lock', 'Fuel tank cap' & 'Side cover RH lock'.

**To Lock the Steering :** To lock the steering, turn the handle bar to the left or right. Push the key inside & turn toward 'LOCK' position. Match the lock position & turn key to 'LOCK' position. Lock the steering & 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.



## Fuel Tank Cap

- To open : Insert the key in the lock and turn it clockwise and lift fuel tank cap.
- 'Fuel Tank Cap' gets locked when pushed back into the place.
- Don't attach metallic 'Key chain' as it may damage paint of petrol tank.

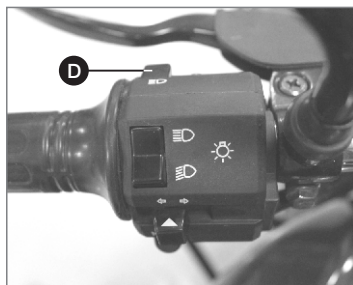
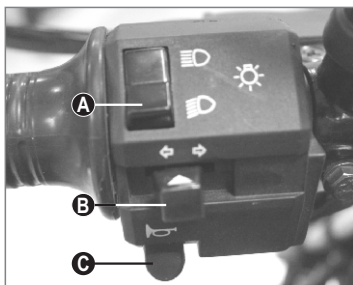
## Fuel Tap

Fuel tap lever has following positions.

⤴	<b>ON :</b> When fuel level is above reserve position.
⤵	<b>RES :</b> When fuel level is below reserve position.
●	<b>OFF :</b> When fuel supply is to be cut off.



- 1. Odometer :** The Odometer shows the total distance that the vehicle has accumulated.
- 2. Speedometer :** The Speedometer pointer shows the speed of vehicle.
- 3. Fuel Level Indicator :** Fuel level indicator shows approximate available fuel in fuel tank.
- 4. Turn Signal Indicator (↔ Green) :** When Turn signal switch is turned to Left or Right, Turn pilot indicator LH or RH will flash.
- 5. Neutral Indicator (N Green) :** When the transmission is in Neutral & Ignition switch 'ON', the Neutral indicator will get 'ON'.
- 6. Hi Beam Indicator (≡ Blue) :** When Headlight is 'ON' & Hi beam is selected, Hi beam indicator will get 'ON'.
- 7. Malfunction Indicator (⚠ Amber) :** It glows whenever any abnormality is noticed in functioning of Ignition / BS VI carburettor components.



## Left Handle Bar Switches

**A. High / Low Beam Switch :** When headlight is ON, High or Low beam can be selected with the High / Low beam switch. Hi beam indicator light in speedo console will glow when high beam is selected.

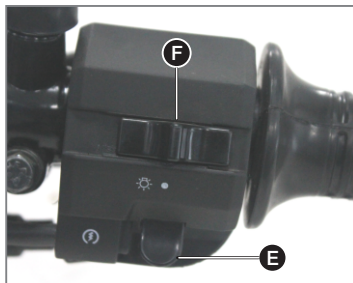
☰○ : High Beam    ☼○ : Low beam

**B. Turn Signal Switch:** When the turn signal switch is turned to Left (↶) or Right (↷), corresponding turn signals flash on & off.

To stop flashing, press the switch IN.

**C. Horn Switch :** (🔊) Press horn switch for sounding horn.

**D. Pass Switch :** (☰○) Press the switch to flash the head light in high beam mode. It is used to give signal to vehicles coming from opposite side while overtaking.



## Right Handle Bar Switch

**E. Starter Button (Applicable for ES Model only) :** It operates the electric starter when clutch lever is pressed with transmission in any gear. It is recommended to start engine with transmission in neutral.

**F. Head Light Switch :** It has 2 positions.

● : All lamps 'OFF'. DRL ON (High Intensity)

☀ : Head lamp (High / Low beam), Tail lamp, Speedometer lamps & pilot ON (DRL with intensity low) will glow.

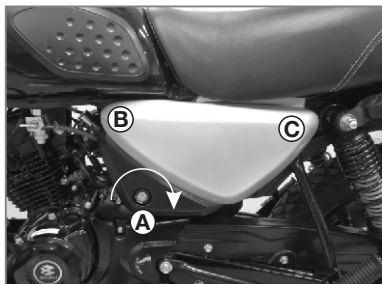
## Day Time Running Light Feature :

- Day time Running light is provided above headlamp.
- Day time running light gets ON (High intensity) when ignition switch turned to ON position.
- After headlight is turned to ON position, intensity of DRL LED's will get reduced.

Ignition Switch	Light Switch	High/Low beam Switch	Result
ON	OFF	Any	DRL ON high intensity
ON	OFF	Any+Pass sw. pressed	Pilot ON (DRL with intensity low) H/L ON High beam
ON	ON	Low	Pilot ON (DRL with intensity low) H/L ON Low beam
ON	ON	High	Pilot ON (DRL with intensity low) H/L ON High beam
ON	ON	Low+Pass sw. pressed	Pilot ON (DRL with intensity low) H/L ON High beam
ON	ON	High+Pass sw. pressed	Pilot ON (DRL with intensity low) H/L ON High beam (No effect)

### NOTE:

**Headlight & DRL will work in both conditions - Engine running or Engine OFF.**

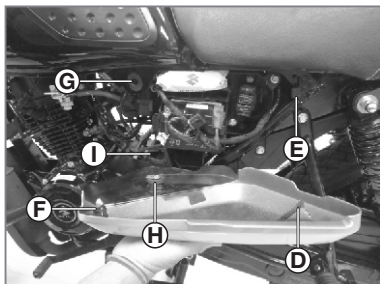


## Removal of Side Cover LH

- Insert the key into the cover lock (A) and turn the key clockwise.
- Hold cover with both hands & pull front side first (B) & Slide rear side (C) towards front wheel side.
- Take out 'Side cover'.



**CAUTION :** Remove side cover as described above, Otherwise the lugs may break.



## Fitment of Side Cover LH

- Match rear side slot (D) of 'Side Cover' with bracket (E) provided on 'Chassis' & slide 'Side Cover' backward.
- Match Lug (F) provided on front side of 'Side Cover' with hole provided on 'Fuel Tank' (G) and press 'Side Cover' inside.
- Match the 'Side Cover' lock (H) properly with hole provided on 'Chassis' (I) & Lock (A) the 'Side Cover' by rotating the key anti clockwise..



**CAUTION :** Fit side cover as described above to ensure proper fitment.

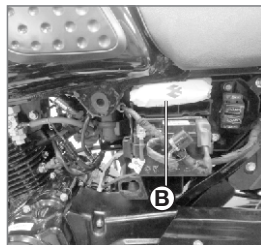


### Battery

- It is located inside side cover LH.
- Make of battery may be differ from vehicle to vehicle.

### Tool Kit

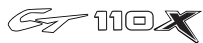
- It is located in the slot below the battery.



### First Aid Kit - Location Inside Side Cover LH

- Fold the First aid kit as shown in Fig A
- Insert the folded First aid kit in the slot above battery.

## 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 level** for planned distance of journey. No fuel leakage in fuel lines.
- **Engine oil** level (between upper and lower level mark)
- **Throttle cable** free play of 2 to 3 mm. Smooth operation and positive return to closed position.
- **Front brake lever** free play - 2 to 3 mm.
- **Rear brake pedal** free play- 20 to 30 mm.
- **Wear lining Indicator** within usable range. No brake dragging, applicable to drum brake vehicles.
- **Drive Chain** slack of 20 to 30 mm adequately lubricated.
- Function of all **lights & horn**
- **Clutch lever** free play - 2 to 3 mm
- Smooth **steering movement** without restriction.
- Both **stand** 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.



### Starting The Engine :

- Turn the fuel tap knob to  or  position.
- Turn ignition switch key to '  ' position.
- Confirm that transmission is in neutral.
- **Keep throttle completely closed,** operate self start button or apply kick (as applicable) to start the engine.
- Release kick as soon as engine starts.

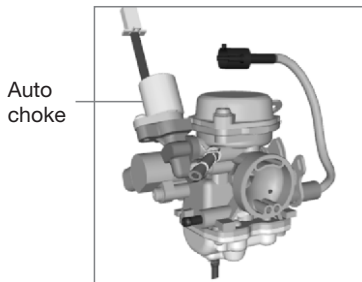
**Note :** *Before starting the engine, in ignition key off condition, press the clutch lever & operate kick lever all the way down for 5-6 times. Then release the clutch lever.*

*This practice ensures lubrication of clutch components for their longer life.*

This vehicle is equipped with BS VI carburettor having Auto choke.

The control unit operates ON / OFF function of Auto Choke. No manual operation is required.

Auto choke ensures smooth starting of engine in all weather conditions.



**BS VI Carburettor**

**Note :** Do not touch / disturb setting of idling & air screw provided on BS VI carburettor. For any performance related issue, take the vehicle to BAL authorised workshop.

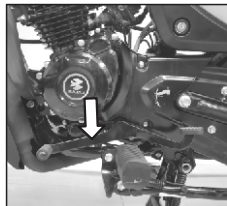
## Shifting Gears :

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

Gear Shifting Pattern



Gear Shifting Lever



## Recommended Speed for Shifting Down

Gear	Speed
From 4 <sup>th</sup> to 3 <sup>rd</sup> Gear	24 ~ 30 km/hr
From 3 <sup>rd</sup> to 2 <sup>nd</sup> Gear	18 ~ 23 km/hr
From 2 <sup>nd</sup> to 1 <sup>st</sup> Gear	13 ~ 16 km/hr



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

## 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 & do not de-clutch. Reduce your speed before you get into 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 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 the better life & 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	10	20	30	40
1000 - 2000	15	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.

## How to Ride Your Bike



### Fuel Saving Tips :

A well maintained vehicle and good driving can contribute a lot to the saving of petrol.

### Good Riding Habits :

- Ride smoothly and steadily at an optimum driving speed of 40 to 50 Km/hr
- 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. For maximum life of engine, never use hard acceleration when engine is cold
- Cut off the engine if you want to stop for more than two minutes.
- In cold condition, kick start to be preferred for longer one way clutch life

### 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

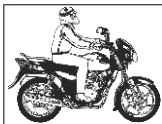
Gears	
1st gear	0 Km/hr
2nd gear	14 ~ 17 km/hr
3rd gear	22 ~ 25 km/hr
4th gear	31 ~ 34 km/hr

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

Fuel	Check fuel lines & connections for leakage.
Spark Plug	Inspect and clean spark plug. Adjust electrode gap. Replace spark plug as per P.M. Chart.
Air Filter	Clean air filter element periodically. Replace as per Periodic Maintenance Chart.
Engine Oil	Check engine oil level. Always use recommended grade and quantity.
Brakes	Ensure that the brakes are not dragging / binding.
Clutch	Ensure correct clutch lever play.
Tyre Air Pressure	Always maintain recommended tyre pressure.
Carburettor	Clean float chamber bowl of the carburettor.

### Safe Riding Tips

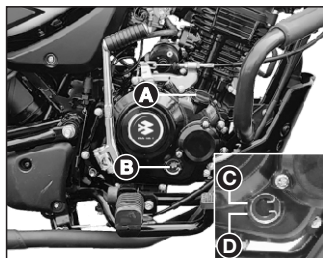
- Always wear Helmet while driving or riding. Your helmet should conform to appropriate Indian standards.
- Read thoroughly the instructions given in this manual and follow them carefully.
- Avoid unnecessary accessories for the safety of both rider and other motorists.
- Get familiar and follow traffic 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 & rear brakes simultaneously. Applying only one brake may cause the vehicle to lose 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 skid more easily during light showers.



- It is suggested to customer to take appropriate care in area of heavy monsoon or high rainfall area. The appropriate surface preventive coat to avoid rusting / poor surface finish on account of adverse atmospheric conditions.
- Always carry vehicle registration & insurance papers, and a valid driving licence with you.

### General Maintenance Tips :

- Vehicle cleaning to be done with soft & clean wet cloth to avoid scratches on painted parts.
- Clean & lubricate all the important parts as detailed in a periodic maintenance chart.
- Do not apply direct water jet on painted, electrical / electronic parts.
- Do not obstruct engine cooling by adding mud protection sheet from front
- Drive cautiously. Start early & reach your destination safely.
- Avoid driving on loose sand or stones where vehicle is likely to skid.
- Properly wrap-up loose clothes while driving or riding to avoid entangling in wheel or other objects on road.
- Always concentrate on riding for safety.



**A: Oil Filler Cap**

**B: Oil Level Inspection Window**

## 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	1000 ml
During Overhaul	1100 ml

## Recommended Engine Oil:

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

Model	Recommended Engine oil	Grade
CT110X ES	Bajaj 10000 BS6 Compliant	10W30 JASO MA2 API SN

- **Engine oil replacement frequency : 1<sup>st</sup> service & then every 10,000 Km.**
- **Engine oil level top-up frequency : Every 5000 km.**
- **For all BS6 Vehicle, BS6 compatible engine oil is to be used only. Use of BS6 compatible engine oil will give prolonged life of catalytic converter.**

## ⚠ 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.

## Wheels - Tyre Pressure, & Instructions for customer



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.

### Tyre Pressure :

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

Front	2 kgf/cm <sup>2</sup> (28 PSI)
Rear(Solo)	2 kgf/cm <sup>2</sup> (28 PSI)
Rear (with Pillion)	2.25 kgf/cm <sup>2</sup> (32 PSI)

**Note :** *Incase the motorcycle is fitted with imported tyres. compliance to respective indian standard & central motor vehicle rules has been ensured.*

- Tyre warranty is settled by tyre manufacturer.
- Decision is taken based on tyre wear and running of vehicle.
- BAL settles tyre warranty only for imported tyres.

### Instructions for customer

- Do Not REV UP Engine in standstill condition.
- Don't use adulterated fuel or fuel additives as it will result in rusting & clogging of engine parts.
- Never drive by disconnecting speedometer cable.
- Do not keep the cleaning cloth in the vicinity of high temperature zone e.g. Engine, Silencer Assembly, Catalytic convertor, Starter motor, etc.

**Side stand down condition is interlocked as given below.**

Condition	Result
Vehicle in 'N'	Self start / kick start possible but as soon as vehicle is put in gear, engine will get cut off.
Vehicle in Gear	Engine will not start by self / kick.



**3 Ah VRLA Battery**

### **Battery :**

- Battery is located inside side cover LH.
- Warranty on Battery from the date of purchase of vehicle.  
12V 3 Ah VRLA : 18 months
- Battery make may be differ on vehicle to vehicle.

### **12V 3Ah VRLA - 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.

### **How to keep battery healthy ?**

- Switch 'Off' ignition when engine is not running. Get battery checked / charged during periodic services.
- **Do not add extra electrical accessories such as-Remote, bigger horn, musical brake light etc. This will reduce the life of battery**
- If vehicle is to be stored for more than 2 weeks disconnect battery to avoids self discharge.

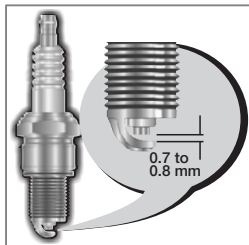


**CAUTION :** While disconnecting always disconnect negative (-ve) cable first. While refitting always connect positive (+ve) cable first.



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





## Spark Plug

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



Chain Adjuster LH



Chain Adjuster RH

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

## Drive Chain (Non sealed type)

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

## Drive Chain Slackness

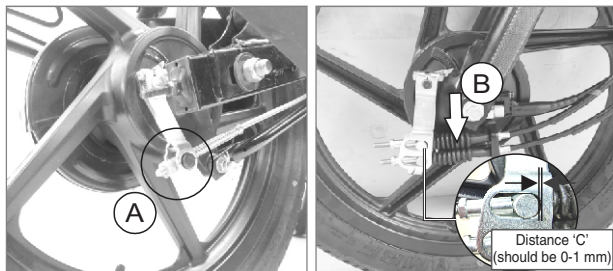
- Chain top edge to be kept between two marks during chain slackness adjustment.
- Chain slackness to be adjusted whenever required.
- Std. Chain slackness : 20 ~ 30 mm
- Marking on chain adjusters should be identically positioned on both sides.



Drive Chain Cleaning



Drive Chain Lubrication



### **CBS Working :**

- When front brake lever is pressed, then only front brake will get applied.
- When Rear brake pedal is pressed then both Rear and Front brakes will get applied, however it is recommended to use both brakes simultaneously for best braking performance

### **Brake setting guideline in case rear wheel puncture and repair done at road side garage.**

- Adjust rear brake free play by tightening nut (A). After adjustment ensure gap between CBS front brake cable (B) sleeve & cam lever slot (Distance C).
- It is recommended to do setting as per guideline mentioned at BAL authorised dealership after rear / front wheel puncture, rear / front brake shoe replacement, CBS cable replacement, higher brake free play at rear / front, chain play adjustment, tyre refitting, etc.

**Note :** For CBS setting bring the vehicle to BAL authorised workshop only.

## Free Service Guidelines



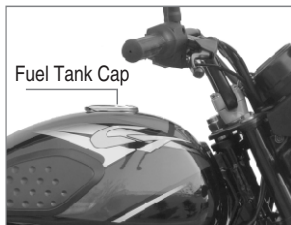
### Instruction to avail Free Service through Digitized Free Service Coupon

Please follow following procedure : -

- Please provide your mobile number to Dealer at the time of buying of new Bajaj Vehicle.
- In case of change in mobile number, please update to Dealer / ASD.
- When you are at Dealership / ASD workshop for availing Free Service, you will receive the 'Unique Coupon Number' (UCN) through SMS in your mobile.
- Please inform the UCN to Dealer / ASD at the time of Free Service.  
(ASD-Authorised Service Dealer)

Periodic Service Criteria			
Service	Days	Kms	whichever occurs earlier
1st Free Service	30~45	500~750	
2nd Free Service	240	4500~5000	
3rd Free Service	360	9500~10000	
Subsequent Paid services	120 Days from last Service	Every 5000 Km after previous service	

Availing all Free / Paid Services, replacing mandatory periodic parts & engine oil will entitle warranty eligibility.



### SOP to prevent fuel stains on petrol tank

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

### Matte Finish Painted Parts Cleaning

#### Do's :

1. Use Colin or caustic free solution for cleaning. (1 spoon in ½ bucket water)  
Remove foreign substances like insect remains, road debris using a soft brush.
  2. Use microfiber cleaning cloths Ex.- Muslin cloth for painted parts cleaning.
- In case petrol is spilled out on petrol tank, it is to be immediately cleaned with clean soft cotton cloth to prevent permanent stain marks on petrol tank.

#### Don'ts :

- Do not use any gloss enhancement products / wax / sprays for gloss enhancement.
- Do not use products that are even mildly abrasive, such as polishes, glazes, or rubbing compounds.
- Do not use mechanical cleaners/polishers.
- Do not use terrycloth or paper towels or shine enhancement products.
- Do not rub the finish vigorously, this will burnish the paint finish, causing a permanent shiny spot. Shiny spots cannot be removed.
- No Polishing/Teflon coating on painted parts.

**Frame Grip**



### **Purpose of Frame Grip**

- Holding Grip for Pillion rider .
- Small luggage carrier.

### **Note : Maximum Allowable load on Frame Grip is 7 Kg.**

- Do not hang any item on frame grip which may damage near by parts.
- Luggage should not have an overhang from Frame Grip.
- Ensure luggage is secured & will not shift while riding.
- Loosely secured luggage may affect riding & stability of motorcycle.

- Do not carry excessively heavy or huge luggage on the motorcycle.



### **Warning :**

Please exercise utmost caution while carrying luggage on the motorcycle. Failure to adhere to above precaution can cause loss of control on the motorcycle leading to potential accident resulting in serious injury to both rider & other road users besides causing severe damage to motorcycle.



**E20**

- This vehicle is compatible for "E20" Petrol i.e. Petrol blended with 20% Ethanol. E20 sticker affixed on fuel tank cap.
- In this vehicle 'E10' Petrol (existing) i.e. Petrol blended with 10% Ethanol also can be filled.

## Periodic Maintenance & Lubrication Chart



Sr. No.	Activities / Check points	Recommended frequency - Service interval & Kms							
		Servicing	1st (Free)	2nd (Free)	3rd (Free)	4th	5th	6th	7th
		KMS	500 750	4500 5000	9500 10000	14500 15000	19500 20000	24500 25000	29500 30000
1.	Servicing with water wash	✓	✓	✓	✓	✓	✓	✓	✓
2.	Engine oil (Bajaj 10000 oil)	Top-up,R	R	Top-up	R	Top-up	R	Top-up	R
3.	Engine oil Filter	R	R		R		R		R
4.	Oil strainer	CL	CL		CL		CL		CL
5.	Air cleaner element** & air filter cover 'O' ring, SAI air filter, Drain tube cleaning.	CL	CL	CL	CL	R	CL	CL	R
6.	Fuel cock sediment bowl cleaning**	CL				CL			CL
7.	Fuel pipes for cracks.	C,R	C	C	C	R	C	C	R
8.	Spark plug clean & check gap	CL,A,R			CL,A		CL,A		R
9.	Valve tappet clearance	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A
10.	Carburettor float chamber cleaning**	CL				CL			CL
11.	Carburettor rubber duct (Sleeve) for hard resulting in loose fitment.	C,R				C,R	C,R	C,R	C,R
12.	Engine breather tube for cracks.	C,R			C,R	C,R	C,R	C,R	C,R
13.	SAI, EVAP system Hoses- check for cracks	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R

## Periodic Maintenance & Lubrication Chart



8th	9th	10th	11th	12th	13th	14th	15th	16th	Remarks
34500 35000	39500 40000	44500 45000	49500 50000	54500 55000	59500 60000	64500 65000	69500 70000	74500 75000	
✓	✓	✓	✓	✓	✓	✓	✓	✓	Ensure to prevent water entry in Petrol tank, Silencer & electrical parts. Use caustic free solution for washing.
Top-up	R	Top-up	R	Top-up	R	Top-up	R	Top-up	Use BGO 10W30 BS6, Oil level window cleaning at every 10000 kms by petrol spray & nylon brush
	R		R		R		R		Replace oil filter in 1st service & at every 10000 Kms
	CL		CL		CL		CL		Oil strainer cleaning at the time of oil change.
CL	CL	R	CL	CL	R	CL	CL	R	Replace Air filter element at every 15000kms Replace air filter cover O ring along with filter element.
		CL			CL			CL	
C	C	R	C	C	R	C	C	R	Replace at every 15000 Kms.
	CL,A		CL,A		R		CL,A		Replace at every 30,000 Kms.
C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	C, A	
		CL			CL			CL	
C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	Replace if required
C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	Replace if required
C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	Replace if found cut/damaged

## Periodic Maintenance & Lubrication Chart



Sr. No.	Activities / Check points	Recommended frequency - Service interval & Kms							
		Servicing	1st (Free)	2nd (Free)	3rd (Free)	4th	5th	6th	7th
		KMS	500 750	4500 5000	9500 10000	14500 15000	19500 20000	24500 25000	29500 30000
14.	Engine foundation silent bushes for cracks	C,R			C,R		C,R		C,R
15.	Silencer drain hole cleaning	CL			CL	CL	CL	CL	CL
16.	Wiring harness connections, routine & Conduit / PVC sleeve inspection.	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T
17.	Battery , connections & health by load tester. +ve terminal cap fitment.	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T
18.	Ignition switch contacts cleaning	CL,L			CL,L	CL,L	CL,L	CL,L	CL,L
19.	HT coil connections	C,T		C,T	C,T	C,T	C,T	C,T	C,T
20.	Starter motor & starter relay connections	C,T		C,T	C,T	C,T	C,T	C,T	C,T
21.	Check fault code, Clear fault history, Update latest hex file if applicable	C	C	C	C	C	C	C	C
22.	Non- sealed Drive chain wear**- Clean, Lubricate & adjust. Replace if required	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A
23.	Drive chain link lock	R					R		
24.	Main stand & side stand both pivot pin	C,L					C,L		
25.	Steering play	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A
26.	Steering stem bearing & Cap steering bearing (Plastic)**	C,CL,L			C,CL,L		C,CL,L		C,CL,L
27.	Front fork oil & seal	C,R	C,R	C,R	C,R	C,R	C,R	C,R	R



# Periodic Maintenance & Lubrication Chart



Recommended frequency - Service interval & Kms									Remarks
8th	9th	10th	11th	12th	13th	14th	15th	16th	
34500	39500	44500	49500	54500	59500	64500	69500	74500	
35000	40000	45000	50000	55000	60000	65000	70000	75000	
	C,R		C,R		C,R		C,R		Replace if required
CL	CL	CL	CL	CL	CL	CL	CL	CL	
C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	C,A,T	Damaged conduit / PVC sleeves protection by applying electrical tape film
C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	C,A,L,T	Apply petroleum jelly on battery terminals Use Midronics battery tester.
CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	Use recommended WD40 spray
C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	
C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	
C	C	C	C	C	C	C	C	C	
CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	CL,L,A	During 1st Free Service :Use lint free cloth for cleaning & SAE 90 oil for lubrication without removing from vehicle . During all other services: Remove, Clean by Diesel & Lubricate using molten chain grease.
	R				R				Replace at every 20000 Kms.
	C,L				C,L				Use recommended AP grease.
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
	C,CL,L		C,CL,L		C,CL,L		C,CL,L		Replace if required.Use Limaplex grease for lubrication
C,R	C,R	C,R	C,R	C,R	R	C,R	C,R	C,R	Replace oil and oil seal + dust seal in pair at every 30000kms

## Periodic Maintenance & Lubrication Chart



Sr. No.	Activities / Check points	Recommended frequency - Service interval & Kms							
		Servicing	1st (Free)	2nd (Free)	3rd (Free)	4th	5th	6th	7th
		KMS	500 750	4500 5000	9500 10000	14500 15000	19500 20000	24500 25000	29500 30000
30.	Brake shoes (Front & Rear) for wear limit.	C,R	C,R	C,R	C,R	R	C,R	C,R	R
31.	Brake cam (Front & Rear)	CL,L		CL,L	CL,L	CL,L	CL,L	CL,L	CL,L
32.	Rear sprocket fasteners for looseness.	C,T	C,T		C,T		C,T		C,T
33.	Rear wheel rubber shock dampers for excess play.	C,R			C,R		C,R		C,R
34.	Fairing & windshield well nuts for rubber cracks	C,R			C,R	C,R	C,R	C,R	C,R
35.	All cables free play adjustment	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A
36.	Head light focus adjustment	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A
37.	Check & confirm all bulbs / switches working.	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A
38.	General lubrication – Clutch lever, Front Brake Lever.	L	L	L	L	L	L	L	L
39.	Tyre air pressure.	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A
40.	Mirror position & joint firmness.	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A

## Periodic Maintenance & Lubrication Chart



Recommended frequency - Service interval & Kms									Remarks
8th	9th	10th	11th	12th	13th	14th	15th	16th	
34500 35000	39500 40000	44500 45000	49500 50000	54500 55000	59500 60000	64500 65000	69500 70000	74500 75000	
C,R	C,R	R	C,R	C,R	R	C,R	C,R	R	Replace at every 15000 Kms
CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	CL,L	Use AP grease.
	C,T		C,T		C,T		C,T		Use model wise torque values.
	C,R		C,R		C,R		C,R		Replace rear wheel rubber shock damper if required
C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	Replace if rubber found cracked
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	Replace cables if operation found hard.
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
L	L	L	L	L	L	L	L	L	Use recommended AP grease.
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	Ensure tyre air pressure as per specifications.
C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	

## Periodic Maintenance & Lubrication Chart



Sr. No.	Activities / Check points	Recommended frequency - Service interval & Kms							
		Servicing	1st (Free)	2nd (Free)	3rd (Free)	4th	5th	6th	7th
		KMS	500 750	4500 5000	9500 10000	14500 15000	19500 20000	24500 25000	29500 30000
41.	All fasteners tightness, few are, Front & rear axle, Swing arm axle, Engine foundation, Rider foot rest, Pillion stay	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T

**\*\*\* More frequent cleaning may be required while driving in dusty environment.**

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

**Note :** Periodic parts, Oil, Filters, All types of greases, Cleaning agents, Cables, Wear & tear parts, Rubber 'O' rings / oil seals / pipes, Gaskets to be replaced as per Periodic Maintenance and Lubrication Chart are mandatory and the same are chargeable to customer.

## Periodic Maintenance & Lubrication Chart



Recommended frequency - Service interval & Kms									Remarks
8th	9th	10th	11th	12th	13th	14th	15th	16th	
34500 35000	39500 40000	44500 45000	49500 50000	54500 55000	59500 60000	64500 65000	69500 70000	74500 75000	
C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	Use model wise torque values.

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 break and gummy substance could clog the carburettor).
- Remove spark plug & put several drops of engine oil into the cylinder. Kick engine over slowly a few times to coat cylinder wall with oil & install back spark plug.
- Set the vehicle on a box or a stand so that both wheels are raised off the ground.
- Spray oil on all unpainted metal surfaces to prevent rusting. Avoid getting oil on rubber parts or brake liners.
- Cover entire vehicle neatly. Make sure that storage area is well ventilated & free from any source of flames or spark.
- Fill 10% excess air pressure in both

wheels.

- Do not apply oil on front brake disc, to prevent rusting. If the front brake disc rusts during storage, do not attempt to clean it with soap water. The rust will go off automatically during first few application of brake.

**\*\* For Battery :**

- a. Remove battery and keep it on wooden plank, in properly ventilated area.
  - b. Before taking the vehicle for use.
- Get the battery recharged from the Authorised Service Center / Battery Dealer.
  - Apply petroleum jelly on battery terminals.

**Preparation for regular use after storage :**

- Follow daily safety checks.

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## Warranty : Scope & Limit



Bajaj Auto Limited provides the following warranty in respect of the “**CT110X BSVI**” motorcycle manufactured by us.

Every possible care and precaution has been taken to ensure quality in respect of the material & workmanship in the vehicles manufactured by us. Bajaj Auto Limited will repair or replace at their Authorised Workshops, free of charge, part or parts thereof as may be found, on examination, to have manufacturing defect within a period of **5 Years or 75,000 Kms.**, whichever is earlier from the date of sale subject to fulfillment of conditions stipulated in part A, B & C given here under

**Note : Warranty is applicable for only first owner of vehicle.**

### Part A:

Warranty claims in respect of such items like shock absorbers, speedometers etc. though claimed through us, are subject to acceptance of the respective manufacturers. In all such cases the decision of the respective manufacturer will be final and binding.

Proprietary parts like tyres, tubes, battery are warranted by their respective manufacturers and should be claimed on them directly by the customer. Bajaj Auto Limited shall not be Liable to replace them through their dealer, however

Bajaj Dealers will provide full assistance in referring such claims with respective manufacturer.

Bajaj Auto Limited undertake no liability in the matter of consequential loss or damage caused due to the failure of the parts. Delay, if any, at the repairing workshop in carrying out repair to vehicle shall not be a ground for extending the warranty period, nor shall it give any right to the customer for claiming any compensation for damages.

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

Where a defective part can be replaced by part/s of alternative brand/s, which are normally used by Bajaj Auto Limited in the course of manufacture, Bajaj Auto Limited reserves the right to carry out the replacement by a part or parts of any such alternative brand/s.

This warranty and any claim arising there, is subject to Pune jurisdiction only.

### Part B:

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

- a. Ensures that immediately upon detection of the defect, he approaches any nearest Authorised Bajaj Vehicle Dealers & Recommended Authorised Service Dealers with the concerned vehicle and enables him



## Warranty : Scope & Limit



to remove and despatch the part / parts attributing to the manufacturing defect to the Company.

- b. Produces the Owner's Manual, in original, to enable that dealer to verify the details.

It must be expressly understood that claims forwarded directly to us by the owner / customer will not be entertained at all and such defective part/parts thus forwarded by them will lie at our factory at their own risk, and this warranty shall not be enforceable.

### **To avail benefits of warranty, following are mandatory**

1. Availing of Initial 3 Free Services without lapse.
2. Availing paid services at subsequent 5000 kms. or 120 days from last service whichever is earlier without any lapse.
3. Availing of all services at the Authorised Vehicle Dealers & Recommended Authorised Service Dealers.
4. Usage of only recommended engine oil  
"Bajaj 10000" at specified frequency for drain interval of 10,000 kms. & engine oil level top-up at 5000 kms.
5. Replacing mandatory periodic parts such as air filter, oil filter etc. as per periodic maintenance schedule.

### **Part C :**

Further this warranty is NOT applicable to :

1. Normal maintenance operations like brake & clutch adjustments, cleaning of fuel system, engine tune-up or such other adjustments.
2. Parts subjected to normal wear & tear like Clutch Plates, Brake Shoes, Chain, Sprockets, Fork Oil Seal, Spark Plug, Control Cables, Brake Pads.
3. Replacement of bulbs & rubber components like grommets, 'O' rings, bellows as well as filters, packings, gaskets, fasteners etc.
4. Painted parts. Only blistering or peeling off of paint film are covered under warranty. Any defect arising out due to external damages or due to usage of protective covers /additional protective coatings adverse atmospheric conditions etc. are not allowed like under warranty.
5. All consumables like Engine oil, Fork oil, Brake Oil, Grease etc. are chargeable to customer.
6. Any defect arising due to above consumables not changed as per scheduled or if used other than the recommended one.
7. Never drive your bike through flooded roads or a flooded patch, as damages to the engine parts due to water entry is not covered under warranty.

## Warranty : Scope & Limit



8. All chrome plated parts are prone to rust or corrosion in coastal area or in acidic environment or due to neglected cleaning etc. However chrome film peeling is covered under warranty in general atmospheric conditions. Blue/ Yellow colouration of silencer near exhaust port is permissible and hence not covered under warranty.
  9. Oxidation of unpainted/painted crankcase, cylinder block, cylinder head etc. in acidic environment or in a coastal area.
  10. Parts of the vehicle that have been subjected to misuse, accident, negligent treatment OR which have been used in conjunction with parts & an equipment not manufactured or recommended for use by Bajaj Auto Limited, if found is the sole judgement of Bajaj Auto Limited, such use prematurely affects the performance and reliability of the vehicle.
  11. Parts of the vehicle that have been altered and modified or replaced in unauthorized manner like use of wider tyres, loud silencers etc and which in the sole judgement of the Bajaj Auto Limited affects its performance and reliability.
  12. **Vehicles which are not being serviced at recommended dealers as per the service schedule described or which have not been operated or maintained in accordance with the instructions maintained in the Owner's Manual.**
  13. Vehicles used for any competition or race and/or for attempting to set up any kind of record.
  14. Any failure arising due to use of adulterated or bad quality fuel.  
Parts affected due to bad fuel quality are not covered Under warranty.
  15. If additional electrical accessories such as - Remote, Bigger horn, Musical brake light etc. fitted on vehicle.
  16. If the vehicle has been used for commercial purpose like Taxi or any other means of commercial transportation.
- Bajaj Auto Limited reserves the right to make any changes in design or to add any improvements on the vehicle at any time without incurring any obligation to install the same on a vehicle previously supplied and sold. Also, the conditions of this warranty are subject to alteration without any notice.
- This warranty is the entire written warranty given by Bajaj Auto Limited for “**CT110X BSVI**” motorcycle and no other dealer or its or his agent or employee is authorised to extend or enlarge this warranty.

# BATTERY WARRANTY CARD

MAKE OF BATTERY : .....

MFG. CODE OF BATTERY :

BATTERY SR. NO.:

BATTERY CHARGING DATE : .....

TYPE OF BATTERY : .....

VEHICLE SALE DATE : .....

NAME OF OWNER AND ADDRESS : .....

TYPE OF VEHICLE : ..... REG. NO.: .....

FRAME NO.: ..... ENGINE NO.: .....

## ***SERVICE RECORD***

Sr. No.	Date	Age Mths.	Voltage	Remarks	Dealer's Stamp & Signature	* Code
1						
2						
3						
4						
5						
6						

### **\* Code For Remarks:**

**AE** : Electrical system needs attention.

**IR** : Insufficient running of vehicle.

**CB** : Cover broken.

**BC** : Broken Container.

**PM** : Poor maintenance.

**BA** : Battery abused.

Note : Customer should insist that "Service Record" must be filled by respective authorised battery dealer as proof of specified maintenance for easy settlement of claim, if any.

**TO BE FILLED IN BY BATTERY DEALERS / DISTRIBUTORS  
IN CASE OF CLAIM**

Name of Dealer & Code : \_\_\_\_\_

Date of claim : \_\_\_\_\_ Battery Type : \_\_\_\_\_

Serial No. : \_\_\_\_\_ Date of Fitment : \_\_\_\_\_

Failure Mode (Please tick as applicable)

- |                        |                            |
|------------------------|----------------------------|
| • Loose connection     | • Overcharge / Undercharge |
| • Internal Short       | • Reverse Charge           |
| • Plate Shedding       | • Left Lying Idle          |
| • Does not Hold Charge | • Wrong Assembly           |
| • Wrong Application    | • Terminal Corroded        |

# Claim Accepted

## Claim Rejected

Details of Repair, if any \_\_\_\_\_

Note:

Please contact nearest respective authorised battery dealer for details immediately after purchase of vehicle.

## Notes

GT 110X |

## Notes

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Use only Bajaj Genuine Oil

GT 110X



THE WORLD'S  
FAVOURITE  
INDIAN

Always Use  
Bajaj Genuine  
High Performance  
Engine Oils

4T  
Premium  
Engine Oil

BAJAJ  
10,000

10W30



BAJAJ  
10,000

10W30



Top up  
bottle

Long Drain Interval of 10,000 kms\*



Reduced Friction



Clean Engine Parts,  
Longer Engine Life



Smooth Clutch  
Control



\* Top up recommended at 5,000 kms

We are committed to provide the best of sales & service experience, however should you require any additional assistance, please call our Call centre on the number given below.



: 7219821111

**Call charges are as applicable**

**Call centre timings :- Monday to Sunday**  
**(09 : 00 am - 08 : 00 pm)**



Please download customer care app from '**Google play store**' and '**Apple store**' and book the vehicles for servicing and more on your phone.

E-mail : [customerservice@bajajauto.co.in](mailto:customerservice@bajajauto.co.in)

Web Site : [www.bajajauto.com](http://www.bajajauto.com)

CIN : L65993PN2007PLC130076