

Dear Customer,

Congratulations on becoming the proud owner of a “CT 100”, 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 “CT 100” 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 numbers or e-mail us at: customerservice@bajajauto.co.in or visit the Bajaj Auto website www.bajajauto.com

Thank you for choosing a Bajaj “CT 100” & wish you unlimited miles of happy riding!!

**SERVICE DEPARTMENT
BAJAJ AUTO LIMITED**

Description

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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.

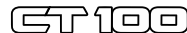


Caution : This indicates that a potential hazard that could result in vehicle damage. Follow the Advice provided with the caution.

Notice:

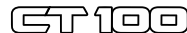
The description and illustration in this booklet are not to be taken as binding on the manufacturers. The essential features of the type described and illustrated herein remaining unaltered. Bajaj Auto Limited reserves the right to carry out at any moment without being obliged to bring this booklet upto-date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

Technical Specifications



| | CT 100 KS | CT 100 B | CT 100 ES |
|-----------------|----------------------|----------------------|----------------------|
| Engine | 4 stroke, air cooled | 4 stroke, air cooled | 4 stroke,air cooled |
| Bore x Stroke | 47 mm x 58.8 mm | 53 mm x 45 mm | 47 mm x 58.8 mm |
| Displacement | 102 cc | 99.27 cc | 102 cc |
| Idling Speed | 1450 +/-100 rpm | 1400 +/-100 rpm | 1450 +/-100 rpm |
| Max. Net Power | 7.7 PS @ 7500 rpm | 8.2 PS @ 7500 rpm | 7.7 PS @ 7500 rpm |
| Max. Net Torque | 8.24 Nm @ 5500 rpm | 8.05 Nm @ 4500 rpm | 8.24 Nm @ 5500 rpm |
| Ignition System | AC-DC, Digital CDI | AC-DC, Digital CDI | AC-DC, Digital CDI |
| Spark Plug | Champion or BOSCH | Champion or BOSCH | Champion or BOSCH |
| Spark Plug Gap | 0.7 to 0.8 mm | 0.7 to 0.8 mm | 0.7 to 0.8 mm |
| Transmission | 4 speed (All down) | 4 speed (All down) | 4 speed (All down) |
| Starting | Kick | Kick | Electric / Kick |
| Front Brake | Drum Brake | Drum Brake | Drum Brake |
| Rear Brake | Drum Brake | Drum Brake | Drum Brake |
| Tank Capacity | 10.5 Liters | 10 Liters | 10.5 Liters |
| Reserve | 2.9 Liters | 1.9 Liters | 2.9 Liters |
| Usable Reserve | 2.4 liters | 1.1 liters | 2.4 liters |
| Tyre Size Front | 2.75 x 17", 41 P | 2.75 x 17", 41 P | 2.75 x 17", 41 P |
| Tyre Size Rear | 3.00 x 17", 50 P | 3.00 x 17", 50 P | 3.00 x 17", 50 P |

Technical Specifications



| | CT 100 KS | CT 100 B | CT 100 ES |
|----------------------------|--------------------------------------|------------------------------------|------------------------------------|
| Length | 1945 mm (Alloy), 1965 mm (Spoke) | 1977 mm | 1945 mm |
| Width | 752 mm | 770 mm | 752 mm |
| Height | 1072 mm | 1069 mm | 1071 mm |
| Wheel Base | 1235 mm | 1235 mm | 1235 mm |
| Ground Clearance | 170 mm | 169 mm | 170 mm |
| Tyre Pressure | | | |
| Front | 1.75 Kg/cm ² (25.0 PSI) | 1.75 Kg/cm ² (25.0 PSI) | 1.75 Kg/cm ² (25.0 PSI) |
| Rear (Solo) | 2.00 Kg/cm ² (28.5 PSI) | 2.00 Kg/cm ² (28.5 PSI) | 2.00 Kg/cm ² (28.5 PSI) |
| Rear (with Pillion) | 2.25 Kg/cm ² (32.0 PSI) | 2.25 Kg/cm ² (32.0 PSI) | 2.25 Kg/cm ² (32.0 PSI) |
| Electrical System | AC-DC 12 V | AC-DC 12 V | AC-DC 12 V |
| Head lamp | 35/35W | 35/35W | 35/35W |
| Tail / Stop Lamp | 10/5W | 10/5W | 10/5W |
| Side Indicator | 10W - 4 nos. | 10W - 4 nos. | 10W - 4 nos. |
| Horn | 12V, 2A | 12V, 2A | 12V, 2A |
| Battery | 12V, 2.5 Ah | 12V, 2.5 Ah | 12V, 3Ah VRLA |
| N, Hi Beam, Side indicator | 3W | 2W | 2W |
| Speedometer Lamp | 3W | 2W | 2W |
| Kerb Weight | 111.5 Kg (Alloy) 112.5 Kg (Spoke) | 108 Kg | 113 Kg |
| Gross Weight | 241.5 Kg (Alloy) 242.5 Kg | 238 Kg | 243 Kg |

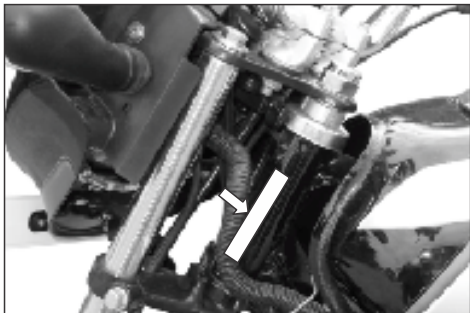
- This vehicle complies to BS IV standards.
- AHO is government regulation.

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

Identification Data- (Frame Number & Engine Number)

GT100

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.

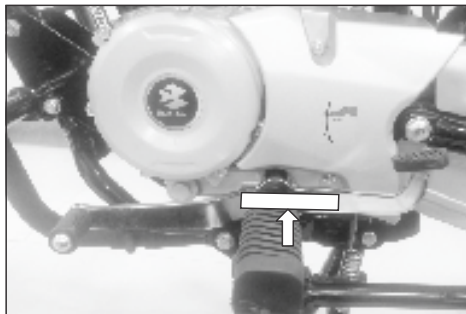


Frame Number Location

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

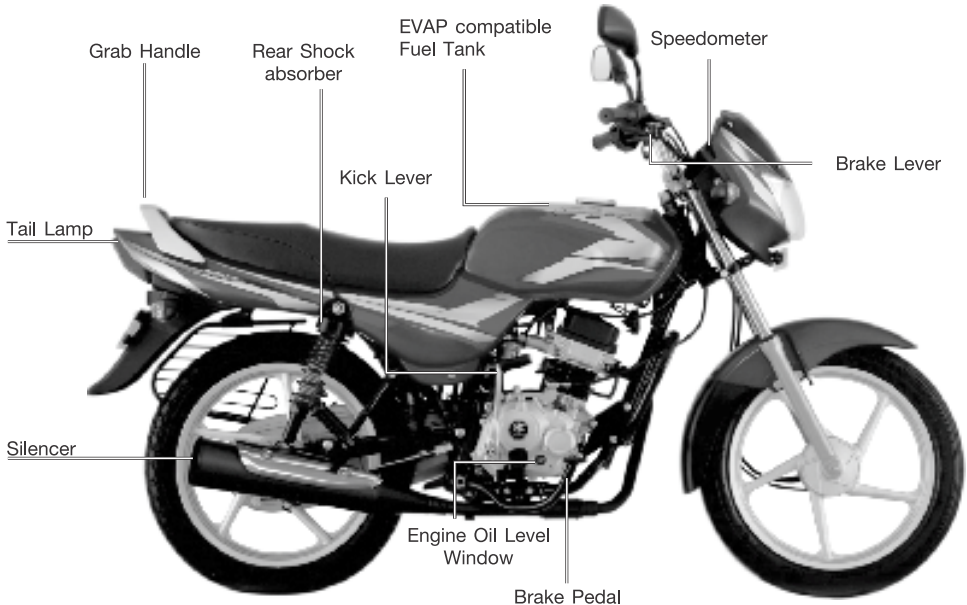
Engine Number Location

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



Location of Parts

CT 100



This photograph is of CT 100 Alloy wheel



Steering cum Ignition Lock :

It has three positions.

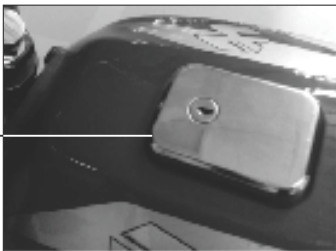
| | |
|---|---|
| ● | LOCK: Steering locked. Ignition OFF. |
| ⊙ | OFF: Steering unlock. Ignition OFF. |
| ⊙ | ON: Steering unlock. Ignition ON. |

To Lock the Steering : To lock the steering, turn the handle bar to the left or right. Push 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.

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

Fuel Tank Cap



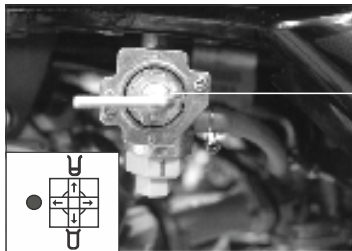
Fuel Tank Cap

- To open the fuel tank cap. Insert the key in the lock and turn it clockwise and lift fuel tank cap.
- To lock the 'Fuel Tank Cap' insert the key in the lock and turn it clockwise and press fuel tank cap. 'Click' sound ensures cap is fully locked.

Precaution :

Dont attach metallic 'Key chain' as it may damage paint of petrol tank.

Fuel Tap



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.

Speedometer Details

CT 100



1. Speedometer :

The Speedometer pointer shows the speed of vehicle in Km/Hr.

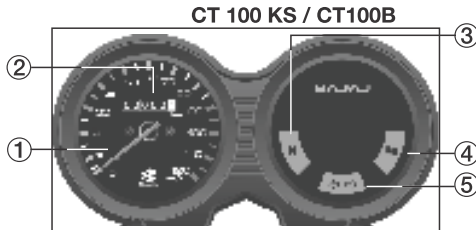
2. Odometer : The Odometer shows the total distance that the vehicle has travelled.

3. Neutral Indicator : When the transmission is in Neutral and Ignition switch is ON, the Neutral indicator will glow.

4. Hi Beam Indicator : When Headlight is ON and Hi beam is selected with engine running, Hi beam indicator will glow.

5. Turn Signal Indicator (LH & RH) : When Turn signal switch is turned to Left or Right, Turn pilot indicator will flash.

6. Fuel Level Indicator : It shows approximate level of fuel in fuel tank.



AHO Feature - AHO (Automatic Headlight ON) feature is provided.

There is no 'Light switch' on RH control switch.

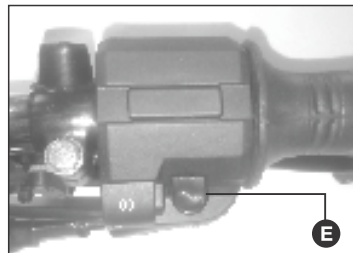
| | |
|---|---|
| Ignition switch ON Engine OFF | Speedometer lamp Tail lamp, Number Plate Lamp, Pilot Lamp in Headlamp will get ON |
| Ignition switch ON Engine Running | Headlamp will get ON as per Low/High Beam selector switch position. ☉ : Hi Beam ☉ : Low Beam |



Control Switch LH




Control Switch LH





Control Switch RH-CT 100 ES



Control Switch LH

A. Hi/Low beam switch

 While engine running, Headlamp High beam filament gets ON

 While engine running, Headlamp Low beam filament gets ON

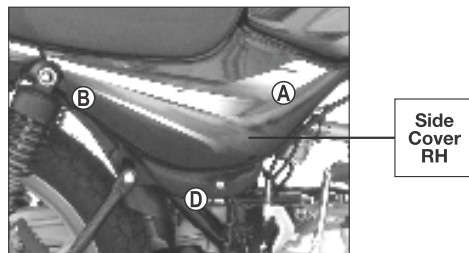
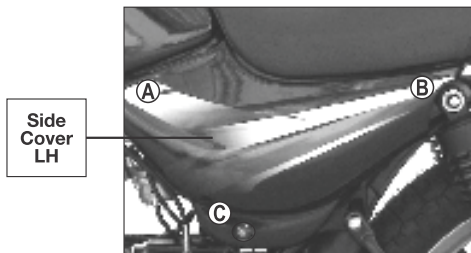
B. Pass Switch : () Press the switch to flash the head light. It is used to give signal to vehicles coming from opposite side while overtaking.

C. 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, turn the knob to center position.

D. Horn Button : () Press horn button for sounding horn.

Control Switch RH

E. Starter Button (for Electric Start) : It operates the electric starter when clutch lever is depressed with transmission in any gear. It is recommended to start engine with transmission in neutral.



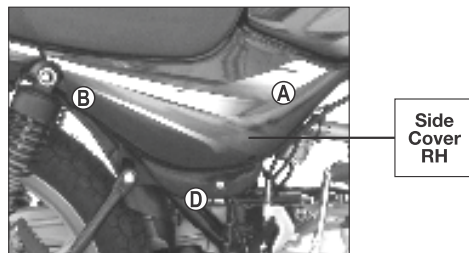
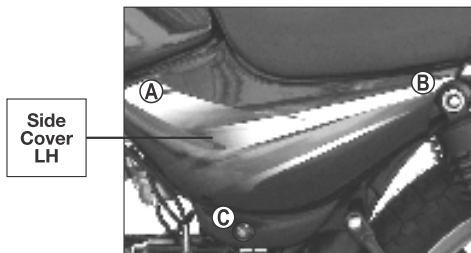
Removal of Side Cover LH & RH

- Insert the key into the cover lock (C) and turn the key clockwise & pull the Side cover LH out from the bottom.
- Pull Side cover from (A) to release Lug provided on Side cover from hole provided on Fuel Tank.
- Slide the Side Cover forward (towards the engine) from location (B) to release slot provided on rear side of Side cover from bracket with rubber cap provided on Frame. 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.



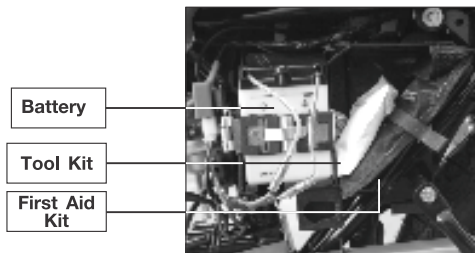
Fitment of Side Cover LH & RH

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

- For Side cover RH fitment, adopt the same procedure and fit the screw (D) properly.



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



CT 100 KS / CT 100 B

Battery

- It is located inside the Side Cover LH.



CT 100 ES

Tool Kit Location

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




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

First Aid Kit

- It is kept above Tool Kit.

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.

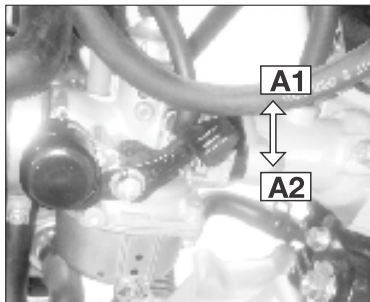
- Enough **fuel level** for planned distance of journey. No fuel leakage in fuel lines.
- **Engine oil** level (between upper and lower level mark)
- **Throttle cable** free play of 2 ~ 3 mm. Smooth operation and positive return to closed position.
- **Front brake lever** free play of 4 ~ 5 mm.

- **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.
- If the engine is cold or when starting in morning, use choke () for quick starting.
- Keep throttle completely closed, operate self start button or apply kick to start the engine.
- Release kick as soon as engine starts.

Choke Lever Position : on Carburettor



A1 : ON
A2 : OFF

- When the engine is warmed up enough to idle without using choke, return the choke to OFF position.

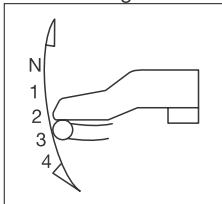
Note : *Before starting the engine, in ignition key off condition, press the clutch lever & operate kick lever all the way down for 5-6 times. Then release the clutch lever.*

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

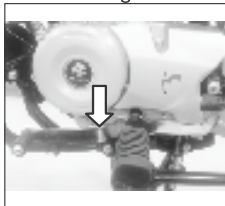
Shifting Gears :

- 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



Gear Shifting Lever



Recommended Speed for Shifting Down Models-CT100 KS, CT 100B

| Gear | Speed |
|--|---------------|
| From 4 th to 3 rd Gear | 31 ~ 34 km/hr |
| From 3 rd to 2 nd Gear | 22 ~ 25 km/hr |
| From 2 nd to 1 st Gear | 14 ~ 17 km/hr |

Recommended Speed for Shifting Down Models-CT100 ES

| Gear | Speed |
|--|---------------|
| From 4 th to 3 rd Gear | 24 ~ 30 km/hr |
| From 3 rd to 2 nd Gear | 18 ~ 23 km/hr |
| From 2 nd to 1 st 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 vehicle 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 otherwise 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 |

Applicable for CT100KS, CT100B & CT100ES models.

- 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/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.
- Cut off the engine if you want to stop for more than two minutes.

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

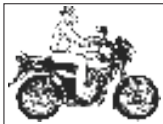
- 1st gear : 0 Km/hr
- 2nd gear : 14 ~ 17 Km/hr
- 3rd gear : 22 ~ 25 Km/hr
- 4th gear : 31 ~ 34 Km/hr

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 & Adjust the carburettor. Adjust idling speed. |

Safe Riding Tips

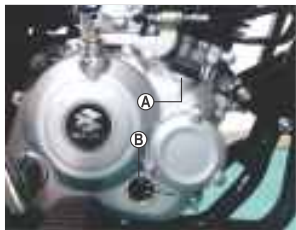
- Always wear Helmet while driving or riding. Your helmet should conform to appropriate Indian standards.
- Read thoroughly the instructions given in this manual and follow them carefully.
- Avoid unnecessary accessories for the safety of both rider and other motorists.
- Get familiar and follow traffic 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.



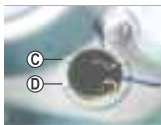
- Drive cautiously. Start early & reach your destination safely.
- Always carry vehicle registration & insurance papers, and a valid driving licence with you.
- Avoid driving on loose sand or stones where vehicle is likely to skid.
- Properly wrap-up loose clothes while driving or riding to avoid entangling in wheel or other objects on road.
- Always concentrate on riding for safety.

Monsoon Care :

- 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.
- 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.



A : Oil Filler Cap
 B : Oil Level Gauge
 C : Upper Level
 D : Lower Level



Engine Oil Level Checking :

- Check engine oil level every day before starting the vehicle.
- Park the vehicle on level surface on center stand.
- Check oil level through oil inspection gauge as shown in photograph. Always maintain engine oil level between the upper (C) and lower (D) mark provided on Cover RH.

Engine Oil Capacity :

| Parameter | CT 100 ES / KS | CT 100B |
|----------------|----------------|----------|
| Drain & Refill | 1000 ml. | 900 ml. |
| Engine O/H | 1100 ml. | 1000 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 |
|------------------------------|------------------------|-------|
| CT100KS CT100B CT100ES | Bajaj DTS-i 10000 | 10W30 |

- Engine oil replacement frequency : 1st service & then every 10,000 Km.
- Engine oil level top-up frequency : Every 5000 km.



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 engine oil.



Alloy Wheel



Spoke Wheel

Ensure no damage to wheel rim while removing tyre for puncture & replacement.

Ensure spokes are fully tight.

Tyre Pressure :

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

| | | |
|----------------------------------|---------------------|--------|
| CT 100 KS CT 100B CT 100ES | Front | 25 PSI |
| | Rear (Solo) | 28 PSI |
| | Rear (with Pillion) | 32 PSI |

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



CT100 ES
- 3 Ah VRLA (ES)



CT100KS, CT 100B-
2.5 Ah (KS)

Battery Details

- Battery is located inside Side Cover LH.
- Make of battery may be differ from vehicle to vehicle.
- **Battery Warranty** : 12 months for 2.5 Ah & 18 months for 3 Ah (From purchase date)

3Ah VRLA Battery :

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

2.5 Ah Battery :

- Add only distilled water to the battery if battery electrolyte level is below min. level mark.



CAUTION : Tap water is not a substitute for distilled water and will shorten the life of the battery.

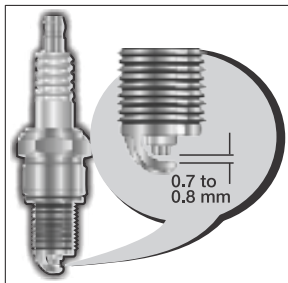
- When battery is found discharged, it is advised to get it charged immediately.
- Environment care must be taken to dispose off used battery. It is always recommended to hand over the same to Authorised battery/Bajaj dealer for proper disposal.

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.

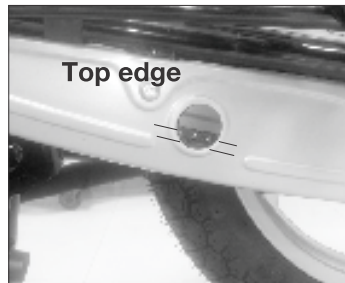


Spark Plug

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

Spark Plug Details :

| Spark Plug Make | Spark Plug Gap |
|-------------------|----------------|
| CHAMPION or BOSCH | 0.7 ~ 0.8 mm |



Std. Chain Slackness : 20 ~ 30 mm Drive Chain Slackness

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



Drive Chain Cleaning

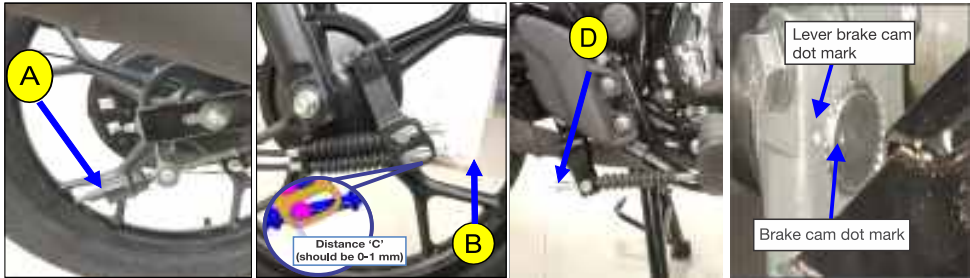


Drive Chain Lubrication

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.



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 brake are 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 force distribution unit 'A' (Similar procedure followed for Non CBS vehicle). After adjustment ensure gap between CBS front brake cable 2 (B) sleeve & cam lever slot (Distance C) and do not over tighten adjuster nut (D).
- It is recommended to do setting as per guideline mentioned at 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.
- While fitment of lever brake cam, match dot mark of Lever brake cam with brake cam dot mark as shown in fig (E).

Free Service Guidelines

Customer ID :

Instruction to avail Free Service through Digitized Free Service Coupon

Please follow following procedure : -

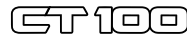
- Please provide your mobile number to Dealer at the time of buying of new Bajaj Vehicle.
- In case of change in mobile number, please update to Dealer / ASD.
- You will receive the Customer ID through SMS at the time of buying of new vehicle.
- Please note the Customer ID in Owner's Manual for your reference.
- During Free Service, please provide your Customer ID to Dealer / ASD workshop.
- When you are at Dealership / ASD workshop for 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.

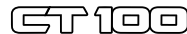
Periodic Maintenance & Lubrication Chart



| Sr. No. | Operation | Servicing Kms | RECOMMENDED FREQUENCY | | | | | | Subsequent | |
|---------|---|------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|-------------------------------------|--|
| | | | 1 st Free | 2 nd Free | 3 rd Free | Every 5000 Km after Previous Service | | | | |
| | | | 500 750 | 4500 5000 | 9500 10000 | | | | | |
| 1. | Water wash & dry the vehicle completely | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Ensure to prevent water entry in Petrol tank, Silencer & electrical Parts. Use caustic free detergent for washing. |
| 2. | Engine oil (Bajaj DTSi 10000 oil) | C,R | <input type="checkbox"/> R | Top Up | <input type="checkbox"/> R | Top Up | <input type="checkbox"/> R | Top Up | <input type="checkbox"/> R | BGO DTSi 10W30 for 100cc models. BGO DTSi 20W50 for Models above 125cc. |
| 3. | Engine oil filter | C,R | <input type="checkbox"/> R | | <input type="checkbox"/> R | | <input type="checkbox"/> R | | <input type="checkbox"/> R | |
| 4. | Oil strainer | CL | CL | | CL | | CL | | CL | |
| 5. | Body centrifugal filter** | CL | CL | | | | CL | | CL | |
| 6. | Starter Clutch (Dry Type)** | L | | L | L | L | L | L | L | Use recommended Molycote grease. |
| 7. | Spark plug | CL,A,R | | | CL,A | | CL,A | | <input type="checkbox"/> R | |
| 8. | Air cleaner element *** | CL,R | CL | CL | CL | <input type="checkbox"/> R | CL | CL | <input type="checkbox"/> R | |

✓ Tick in the box after replacing the periodic parts.

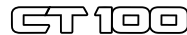
Periodic Maintenance & Lubrication Chart



| Sr. No. | Operation | Servicing Kms | RECOMMENDED FREQUENCY | | | | | | | Subsequent |
|---------|---|------------------|-----------------------|----------------------|----------------------|--|--------|--------|----------------------------|---|
| | | | 1 st Free | 2 nd Free | 3 rd Free | Every 5000 Km after Previous Service | | | | |
| | | | 500 750 | 4500 5000 | 9500 10000 | | | | | |
| 9. | Air filter cover 'O' ring | CL,R | CL | CL | CL | <input type="checkbox"/> R | CL | CL | <input type="checkbox"/> R | |
| 10. | In line paper filter | R | | | | <input type="checkbox"/> R | | | <input type="checkbox"/> R | |
| 11. | Fuel cock paper filter. | R | | | | <input type="checkbox"/> R | | | <input type="checkbox"/> R | |
| 12. | Fuel cock sediment bowl cleaning | CL | | | | CL | | | CL | |
| 13. | Carburettor rubber duct | C,R | | | | | C,R | | | |
| 14. | Fuel pipe | C,R | C | C | C | <input type="checkbox"/> R | C | C | <input type="checkbox"/> R | |
| 15. | Valve tappet clearance | C,A | C,A | C,A | C,A | C,A | C,A | C,A | C,A | |
| 16. | Non-Sealed drive chain cleaning & lubrication | CL,L,A | CL,L,A | CL,L,A | CL,L,A | CL,L,A | CL,L,A | CL,L,A | CL,L,A | |
| 17. | Sealed drive chain cleaning & lubrication | CL,L,A | CL,L,A | CL,L,A | CL,L,A | CL,L,A | CL,L,A | CL,L,A | CL,L,A | Customer to apply OKS chain lub spray at every 500 kms. |
| 18. | Engine air breather tube | C | C | C | C | C | C | C | C | |
| 19. | Silencer drain hole cleaning | CL | | CL | CL | CL | CL | CL | CL | |

✓ Tick in the box after replacing the periodic parts.

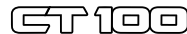
Periodic Maintenance & Lubrication Chart



| Sr. No. | Operation | Servicing | RECOMMENDED FREQUENCY | | | | | | | Subsequent |
|---------|---|-----------|-----------------------|----------------------|----------------------|-----------------------------------|-------|-------|--------------------------|---|
| | | | 1 st Free | 2 nd Free | 3 rd Free | Every | | | | |
| | | | 500 750 | 4500 5000 | 9500 10000 | 5000 Km after Previous Service | | | | |
| 20. | Silencer tail pipe cleaning** | CL | | CL | CL | CL | CL | CL | CL | |
| 21. | Brake cam & brake pedal pivot pin | C,L,R | C | C,L,R | C,L,R | C,L,R | C,L,R | C,L,R | C,L,R | Use AP grease. |
| 22. | Brake lining or pad - Check wear indicator | | C,R | C,R | C,R | <input type="checkbox"/> | C,R | C,R | <input type="checkbox"/> | |
| 23. | Brake fluid level **- top up / replace | C,A,R | | | | C,A | | | <input type="checkbox"/> | Use recommended brake fluid (DOT3/DOT4) |
| 24. | Disc brake assly -- Check functionality, leakage or any other damage. | C | | | C | | C | | C | |
| 25. | All cables & rear brake pedal-free play | C,A | C,A | C,A | C,A | C,A | C,A | C,A | C,A | |
| 26. | Battery electrolyte level, specific gravity | C,A | C,A | C,A | C,A | C,A | C,A | C,A | C,A | Not applicable for VRLA battery |
| 27. | Wiring harness & Battery connections- routing, tie bands & clamps tightness. | C,A,T | C,A,T | C,A,T | C,A,T | C,A,T | C,A,T | C,A,T | C,A,T | |
| 28. | Ignition switch barrel cleaning | C,CL | C,CL | C,CL | C,CL | C,CL | C,CL | C,CL | C,CL | Use WD40 spray |

✓ Tick in the box after replacing the periodic parts.

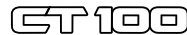
Periodic Maintenance & Lubrication Chart



| Sr. No. | Operation | Servicing | RECOMMENDED FREQUENCY | | | | | | | Subsequent |
|---------|--|-----------|-----------------------|----------------------|----------------------|-----------------------------------|--------------|------|--------------|---|
| | | | 1 st Free | 2 nd Free | 3 rd Free | Every | | | | |
| | | | 500 750 | 4500 5000 | 9500 10000 | 5000 Km after Previous Service | | | | |
| 29. | Handle bar control switches contacts cleaning | C,CL | C,CL | C,CL | C,CL | C,CL | C,CL | C,CL | C,CL | Use WD40 spray |
| 30. | Steering play | C,A | C,A | C,A | C,A | C,A | C,A | C,A | C,A | |
| 31. | Steering stem bearing*** & Cap steering bearing (Plastic)** | C,CL,L,R | | | C,CL, L,R | | C,CL, L,R | | C,CL, L,R | Check & replace if Damaged. Use HP Lithon RR3 grease for lubrication. |
| 32. | Main stand & side stand pin** | CL,L | | | CL,L | | CL,L | | CL,L | Use AP grease. |
| 33. | Swing arm pivot pin (for non silent bush)** | L | | L | L | L | L | L | L | |
| 34. | All fasteners tightness | C,T | C,T | C,T | C,T | C,T | C,T | C,T | C,T | |
| 35. | Engine foundation silent bushes** | C | | | | C | | | C | |
| 36. | General lubrication-Clutch lever, front brake lever, kick lever. | L | L | L | L | L | L | L | L | Use AP grease. |
| 37. | Idle speed / CO% | C,A | C,A | C,A | C,A | C,A | C,A | C,A | C,A | |

✓ Tick in the box after replacing the periodic parts.

Periodic Maintenance & Lubrication Chart



| Sr. No. | Operation | Servicing | RECOMMENDED FREQUENCY | | | | | | | Subsequent |
|---------|--|-----------|-----------------------|----------------------|----------------------|-----------------------------------|-----|-----|-----|---|
| | | | 1 st Free | 2 nd Free | 3 rd Free | Every | | | | |
| | | | 500 750 | 4500 5000 | 9500 10000 | 5000 Km after Previous Service | | | | |
| 38. | Coolant level in expansion tank** | C,A | C,A | C,A | C,A | C,A | C,A | C,A | C,A | Use recommended 'Ready to use coolant'. |
| 39. | Coolant hose damage/clamps/leakage** | C | | C | C | C | C | C | C | |
| 40. | Radiator fins** | C | | C | C | C | C | C | C | |
| 41. | Spoke tightening**-Front & Rear | C,T | C,T | C,T | C,T | C,T | C,T | C,T | C,T | |
| 42. | Front fork dust seal & Rubber bellow | CL | | CL | CL | CL | CL | CL | CL | |
| 43. | SAI, EVAP hoses - Check functionality, leakage or any other damage** | C,R | C,R | C,R | C,R | C,R | C,R | C,R | C,R | Replace if cut / damaged |
| 44. | EVAP drain tube cleaning** | CL | CL | CL | CL | CL | CL | CL | CL | |

✓ Tick in the box after replacing the periodic parts.

** As applicable to model

*** 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, Coolant, 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.

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.

Bajaj Auto Limited gives the following warranty in respect of the “**CT 100**” motorcycle manufactured by them.

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 there of as may be found, on examination, to have manufacturing defect within a period of **5 Years or 75,000 Kms.**, whichever occurs earlier from the date of sale subject to fulfillment of condition stipulated in part A, B & C given here under

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 warranty -

1 Year warranty for tyres / tubes / spark plugs & 18 months warranty for battery from the date of purchase will be warranted by their respective manufacturer & should be claimed on them directly by the customer. Bajaj Auto Limited shall not be Liable to replace them though their

dealer will give full assistance in preferring such claims.

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 from 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

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 occurs first without any lapse.
3. Availing of all above services at the Authorised Vehicle Dealers & Recommended Authorised Service Dealers.
4. Usage of only recommended engine oil "**Bajaj DTS-i 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 of external damages or due to usage of protective covers /additional protective coatings adverse atmospheric condition etc. is not allow 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, damage to the engine parts due to water entry is not covered under warranty.

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 in 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 "CT 100" 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. | Specific Gravity | Voltage | Remarks | Dealer's Stamp & Signature | * Code |
|---------|------|-----------|------------------|---------|---------|----------------------------|--------|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |

* Code For Remarks:

LL : Low electrolyte level.

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
- Internal Short
- Plate Shedding
- Intercell Connection
- Does not Hold Charge
- Wrong Assembly
- Wrong Application
- Terminal Corroded
- Overcharge / Undercharge
- Reverse Charge
- High Specific Gravity Electrolyte
- Electrolyte Contamination
- Electrolyte Level not Maintained
- Left Lying Idle

Claim Accepted

Claim Rejected

Details of Repair, if any _____

Note:

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

Delivery Certificate

GT 100

FRAME NO. : -

ENGINE NO. : - Sold on.: _____

Customer's Name Mr/Mrs/Miss : _____

Address : _____ Contact No.: _____

I have taken possession of motorcycle along with the following items.

- | | |
|-------------------|-------------------------------------|
| 1. Owner's Manual | 5. Standard Accessories |
| 2. 2 nos of key | 6. Battery Make _____ Sr. No. _____ |
| 3. Set of tools | 7. Tyre Fr Make _____ Sr. No. _____ |
| 4. First Aid Kit | Rr Make _____ Sr. No. _____ |

The Vehicle has been delivered to my satisfaction & I have understood all terms and conditions of warranty, service schedules & maintenance tips and shall abide by them.

Dealer Code : _____
Dealer Name : _____
Address : _____
Contact No. : _____

Customer's Signature (To be filled in by the dealer)

Imp - Dealership should take customer sign & maintain the record of this 'Delivery Certificate'.

Note

GT 100 |