

Dear Customer,

Congratulations on becoming the proud owner of a “**DTS-i powered Bajaj Discover**” motorcycle, one of the finest 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 as per the schedule contained in this booklet. We earnestly advise you to avail all these services at any of our Vehicle Dealers or Authorised Service Dealers (ASD).

Your “**Bajaj Discover**” 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 Discover and 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



	Discover 110 CBS	Discover 125 CBS
Engine	4 stroke, Natural air cooled	4 stroke, Natural air cooled
Bore x Stroke	50 mm x 58.8 mm	52 mm x 58.6 mm
Displacement	115.45 cc	124.45 cc
Idling Speed	1400 ± 200 rpm	1400 ± 100 rpm
Max. Net Power	8.6 PS @ 7000 rpm	11 PS @ 7500 rpm
Max. Net Torque	9.81 Nm @ 5000 rpm	11 Nm @ 5500 rpm
Ignition System	DC CDI	DC, Digital CDI
Starting Aid	Kick / Self	Kick / Self
Spark Plug (2 Nos.)	Champion PRZ9HC or BOSCH UR4AC	Champion PRZ9HC or BOSCH UR4AC
Spark Plug Gap	0.7 to 0.8 mm	0.7 to 0.8 mm
Transmission	4 speed (Gear shifting-All Up)	1 Down 4 Up
Front Brake	Drum	Drum Brake / Disc Brake
Rear Brake	Drum	Drum

Technical Specifications



	Discover 110 CBS	Discover 125 CBS
Fuel Tank Capacity		
Full	8 liters	8 liters
Reserve	2.3 liters	2.3 liters
Usable Reserve	1.5 liters	1.5 liters
Dimensions		
Length	2035 mm	2035 mm
Width	760 mm	760 mm
Height	1085 mm	1085 mm
Wheel Base	1305 mm	1305 mm
Ground Clearance	165 mm	165 mm
Tyre Size		
Front	2.75 x 17, 41 P	2.75 x 17, 41 P
Rear	3.00 x 17, 50 P	3.00 x 17, 50 P (Drum Brake) 100/90-17 x 17, 55 P (Disc Brake)
Tyre Pressure		
Front	1.75 Kg/cm ² (25 PSI)	1.75 Kg/cm ² (25 PSI)
Rear (Solo)	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 PSI)	2.25 Kg/cm ² (32 PSI)

Technical Specifications



	Discover 110 CBS	Discover 125 CBS
Electrical System	12V DC	12V DC
Battery	12V 5Ah	12V 5Ah
Head Lamp	12V, 35/35W	12V, 35/35 W
Position Lamp	DRL	DRL
Neutral	LED	LED
Tail / Stop Lamp	5/21W Bulb	5/21W Bulb
Turn Signal Indicator	LED	LED
Side Indicator Lamp	12V, 10W (4 nos.)	12V, 10W (4 nos.)
Hi Beam Indicator	LED	LED
Speedo Lamp	LCD	LCD
Horn	12V DC, 2A	12V DC
Low Battery Indicator	LED	LED
Rear No. Plate Lamp	12V, 3W	12V, 3 W
Vehicle Kerb Weight	117.5 Kg	123 Kg (Drum Brake) 125 Kg (Disc Brake)
Gross Vehicle Weight	247.5 Kg	253 Kg (Drum Brake) 255 Kg (Disc Brake)

Note :

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

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

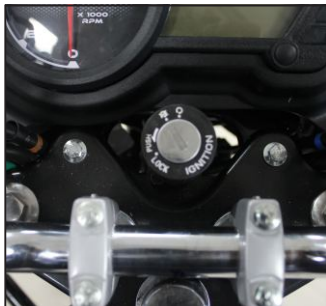
On LH Side Crankcase Near Gear
Change Lever (Alpha-Numeric - 11 Digits)

Location of Parts

DISCOVER



This photograph is of Discover 110 CBS.



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. Turn the key to “LOCK” position and 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 lock’.



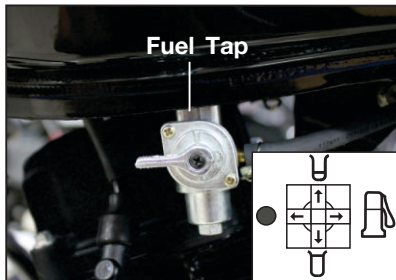
Fuel Tank Cap

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

Precaution :

- Don't attach metallic 'Key chain' as it may damage paint/plating of petrol tank/tank cover.
- Don't put PVC/Rexin cover on petrol tank.

Note : In case petrol spills on to tank, ensure that tank is cleaned with a clean, dry cloth immediately.



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.

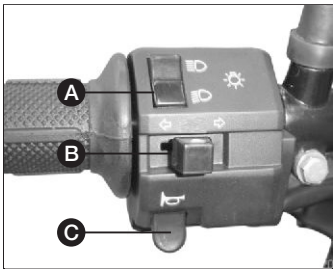
Speedometer Details

DISCOVER



1. **Odometer** : It shows the total distance that the vehicle has been ridden.
2. **Speedometer** : The Speedometer shows the speed of the vehicle.
3. **Tachometer** : Its shows engine speed in RPM.
4. **Trip Meter** : Trip meter shows the distance travelled since it was last reset to zero.
5. **Turn Signal Indicator (LH & RH)** : When Turn signal switch is turned to Left or Right, Turn pilot indicator LH or RH will flash.
6. **Hi Beam Indicator** : When Headlight is 'ON' & Hi beam is selected, Hi beam indicator will glow.
7. **Fuel Level Indicator** : Shows available fuel in fuel tank.

- Fuel Reserve- last 2 bars blinks continuously.
-if level drops further, last bar blinks at faster rate.
8. **Neutral Indicator** : It illuminates when transmission is in Neutral & Ignition switch is 'ON'.
 9. **Low Battery Indicator** : It gets 'ON' when Ignition switch is 'ON'. Once engine is started, it goes 'OFF'. If it glows during running, this means low battery or malfunctioning in charging system.
 10. **Trip Meter Reset Button** : Press the reset button for more than 3 sec. to reset Trip Meter reading to 'zero'.

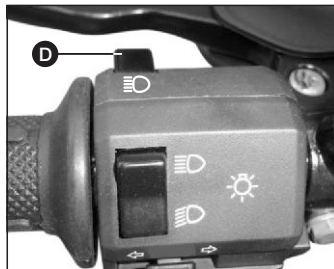


A. Dipper Switch : When headlight is ON, High or Low beam can be selected with the dipper switch.

☰☉ : High Beam ☰☉ : Low beam

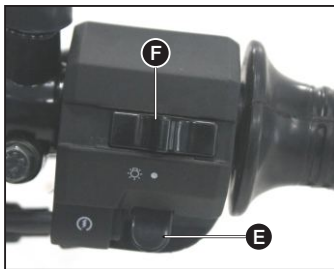
B. Turn Signal Switch : When the turn signal switch is turned to Left (↶) or Right (↷) the corresponding turn signals flash on and off. To stop blinking push the switch in & release.

C. Horn Button : Press for sound horn.



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

Hi/Low beam Switch	Headlamp Status	Effect of Pass Switch
Low beam ☰☉	Low beam 'ON'	Hi beam 'ON'
Hi beam ☰☉	Hi beam 'ON'	No change
Any	OFF	Hi beam 'ON'



- E. Starter Button** : 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.
- F. Light Switch** : It has 2 positions. When ignition switch is 'ON', lighting system will work as per given table.

● : Taillamp will get ON & DRL ON (High Intensity)

☀ : Head lamp, Tail lamp, Number plate lamp, Speedometer illumination will get ON & DRL remains ON (Low intensity)

Day Time Running Light Feature:

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

Day Time Running Light (DRL)



Ignition Switch	Light Switch	DRL	Head Light
ON	OFF	ON High Intensity	OFF
ON	ON	ON Low Intensity	ON

Note: The inside of the lamp lens might fog up after using the motorcycle in rain or after washing. Fog inside the lamp lens will disappear gradually by switching on the lamp while driving the motorcycle. The amount of time it takes for the fog to disperse depends on the humidity of the ambient air. Fog in non functional areas other than reflector does not affect the lamp performance.



Removal of Side Cover LH

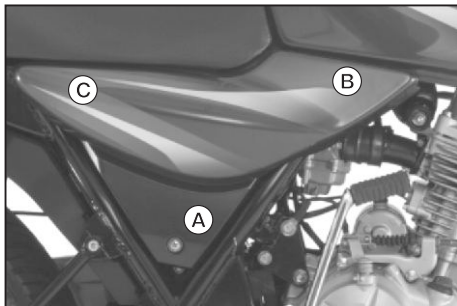
- Insert the key into the cover lock (A) and turn the key clockwise.
- Hold the cover with both hands and pull front side (B) first & rear side (C) later. Take out 'Side cover'.



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

Fitment of Side Cover LH

- Match the Lug provided on rear side (C) of 'Side Cover' with the hole located on chassis & press 'Side Cover'.
- Match Lug provided on front side (B) of 'Side Cover' with hole provided on 'Fuel Tank' and press 'Side Cover' inside.
- Match the 'Side Cover' properly with bracket provided on 'Chassis' & rotate the key in anticlockwise direction to lock it.



Removal of Side Cover RH

- Remove the screw (A) given on 'Side Cover'.
- Hold the cover with both hands and pull front side (B) first & rear side (C) later. Take out 'Side cover'.



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

Fitment of Side Cover RH

- Match rear side (C) of 'Side Cover' lug with hole located on air filter & press the cover.
- Match the Lug provided on front side (B) of 'Side Cover' with hole provided on 'Fuel Tank' & press 'Side Cover' inside.
- Match 'Side Cover' properly with bracket provided on 'Chassis' & fix it with Screw (A).




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




Make of Battery may differ from vehicle to vehicle

Battery

- It is located inside the 'Side Cover' LH.
- Always maintain electrolyte level in each cell between Max. & Min. level marks.

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

 **CAUTION** : Do not keep head lamp 'ON' without the engine running.




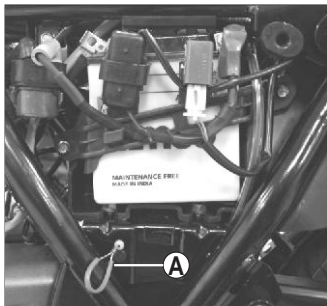
Tool Kit Location

- It is located below the seat on rear mudguard.
- A rubber strap is provided to hold tool kit.

First Aid Kit Location

- First aid kit is to be stored in between toolkit and seat.

 **CAUTION** : Always fit rubber strap to hold the tool kit securely. Loose tool kit would cause rattling noise.



A : Seat Release Cable

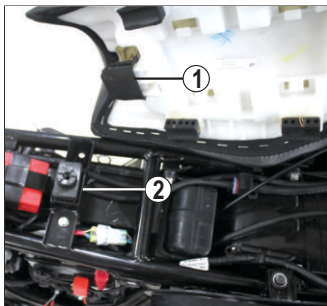


Fig. B

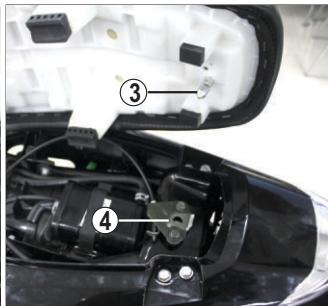


Fig. C

Removal of Seat

- Remove 'Side Cover' LH.
- Pull the 'Seat Release Cable' (A) to release seat lock. Keeping cable pulled, lift the seat from rear end and slide it towards tail lamp to remove seat assembly.

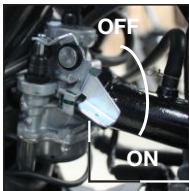
Fitment of Seat

- Match & insert the bracket ('1' of Fig. 'B') of seat with slot ('2' of Fig. 'B') provided below fuel tank rear mounting on chassis.
- Push seat towards fuel tank and align lock rod ('3' of Fig. 'C') & seat lock ('4' of Fig. 'C'). Then press the rear portion of seat from top to lock the seat.

Starting The Engine :

- Turn the fuel tap knob to 'U' or 'Y' position.
- Turn ignition switch key to 'Q' position.
- Confirm that transmission is in neutral / press the clutch lever.
- Keep throttle completely closed, press starter button "F" / apply kick to start the engine.
- Release starter button / kick lever as soon as engine starts.
- If the engine is cold or when starting for first time, use choke 'N' for quick starting.

Note: In cold condition, kick start to be preferred for longer one way clutch life



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

Manual Choke

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

Caution : Do not operate the starter continuously for more than 5 seconds otherwise battery would get discharged. Wait 15 sec. between each operation of the starter which will facilitate battery to recover.

Note : The motorcycle is equipped with a starter lockout switch. This switch ensures that engine does not start if the transmission is in gear. However, the engine can be started in any gear if the clutch lever is pressed.

Note : Before starting the engine, in ignition key off condition, press the clutch lever & operate kick starter 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.

Note:

1. If engine is not starting after multiple attempts, it might be case of engine flooding.

In case of engine flooding, following to be tried:

- a. Switch on the ignition switch.
- b. Put off choke.
- c. Open throttle completely & crank the engine for 5 sec
- d. If engine starts, close the throttle. Observed idling, if idling is unstable, give slight throttle.
- e. If engine doesn't start, wait for 10 sec & repeat above steps.

Note:

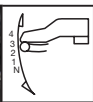
For maximum life of engine, never use hard acceleration when engine is cold.

Moving Off :

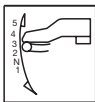
- Check that Center/Side stand is up.
- Depress the clutch lever.
- Shift into 1st gear.
- Open the throttle and release the clutch lever slowly and simultaneously.
- As the clutch starts to engage, open the throttle a little more, giving the engine just enough rpm to keep it from stalling.

Shifting Gears :

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



Gear shifting pattern - All Up- Discover 110



Gear shifting pattern - 1 Down 4 Up -Discover 125 UG

Recommended Speed for Shifting Down

Gear Shifting	Discover 110	Discover 125 UG
From 5 th to 4 th Gear	--	45 km/h
From 4 th to 3 rd Gear	24~30 km/h	35 km/h
From 3 rd to 2 nd Gear	18~23 km/h	25 km/h
From 2 nd to 1 st Gear	13~16 km/h	15 km/h



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

Braking :

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


- Never lock the brakes, or it will cause the tyres to skid. When cornering, use brakes judiciously and do not de-clutch. Reduce your speed before you 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 and trouble free performance of the vehicle.

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

Discover 110

Kms	1st	2nd	3rd	4th
0 - 1000	10	20	30	40
1000 - 2000	15	30	40	45

Discover 125 UG

Kms	1st	2nd	3rd	4th	5th
0 - 1000	10	20	30	35	45
1000 - 2000	15	30	40	45	55

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

Fuel Saving Tips :

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

Good Riding Habits :

- Ride smoothly and steadily at an optimum driving speed of 40 to 50 Km/h
- Avoid harsh braking.
- Change the gear judiciously according to the speed and load requirement.
- Don't overload the vehicle above the specified payload.
- Use the accelerator judiciously.
- Cut off the engine if you want to stop for more than two minutes.

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

Gear	Discover 110	Discover 125 UG
1st gear	0 km/h	0 km/h
2nd gear	16 ~ 19 km/h	14 ~ 17 km/h
3rd gear	28 ~ 34 km/h	22 ~ 25 km/h
4th gear	40 ~ 48 km/h	31 ~ 34 km/h
5th gear	Not applicable	38 ~ 42 km/h

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

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

Safe Riding Tips

- Always wear helmets while driving or riding. Your helmets should conform to appropriate Indian standards.
- Read thoroughly the instructions 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 and 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 vehicles skid more easily during light showers..
- Drive cautiously. Start early & reach your destination safely.
- Always carry vehicle registration & insurance papers, and a valid driving licence with you.
- Avoid driving on loose sand or stones where vehicle is likely to skid.
- Properly wrap-up loose clothes while driving or riding to avoid entangling in wheel or other objects on road.
- Always concentrate on riding for safety.

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.

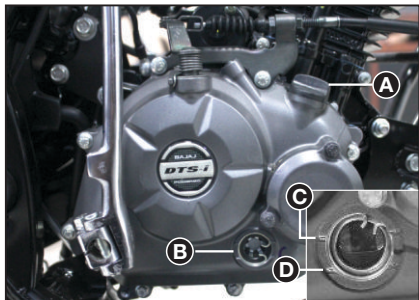
Warning : Failure to perform these checks every day before you ride may result in serious damage or severe accident.

- Enough **fuel level** for planned distance of journey. No fuel leakage in fuel lines.
- **Engine oil** level (betⁿ upper - lower level mark)
- **Throttle cable** play of 2 - 3 mm. Smooth operation & positive return to closed position,
- **Steering Lock** lever not fouling.
- **Brake Pedal** Play - 15 to 25 mm.
- **Wear lining Indicator** within usable range. No brake dragging.
- **Drive Chain** slack of 25 to 35 mm adequately lubricated.
- Function of all **lights & horn**
- **Clutch lever** play - 2 to 3 mm
- **Front Brake lever** play- 4 to 5 mm, 2 to 3 mm for CBS vehicle. (Not applicable for Disc brake)

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

Monsoon Care :

- 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

Engine Oil Level Checking :

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

Engine Oil Capacity :

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

Recommended Engine Oil :

Always insist on Bajaj Genuine Oil for optimum engine performance & warranty benefits. It is a specially formulated oil for Bajaj Bikes.

Model	Recommended eng. oil	Grade
Discover 110 CBS		10W30
Discover 125 CBS		20W50

- **Engine oil Replacement Frequency : 1st service & then every 10,000 Kms.**
- **Engine oil level top-up Frequency : Every 5000 kms.**



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



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.

Motorcycle if fitted with spokes wheel ensure spokes are always tight. Broken spoke should be replaced immediately.

Note : In case the motorcycle is fitted with imported tyres. Compliance to respective Indian standard & central motor vehicle rules has been ensured.

Tyre Pressure :

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

Front	1.75 Kg/cm ² (25 PSI)
Rear (Solo)	2.00 Kg/cm ² (28.5 PSI)
Rear (with Pillion)	2.25 Kg/cm ² (32 PSI)

Front Brake Fluid Level :

Front brake fluid master cylinder reservoir is located near RH switch on handle bar.



- To check brake fluid level, keep vehicle on Centre stand with handle bar in straight ahead position.
- Always ensure that brake fluid level is above 'MIN' mark.
- Use only DOT 3 or DOT 4 brake fluid (from sealed container) to top up if required.

It is advisable that brake fluid should be replenished at every 30,000 Kms or once in two years whichever ever occurs earlier.

Battery Maintenance



Battery type :

12V 5Ah-Discover 110 CBS/125 CBS

Battery Warranty

Discover 110 CBS/125 CBS : 18 months from date of purchase.

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

Make of Battery may differ from vehicle to vehicle

! 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 the used battery. It is always recommended to hand over the same to the Authorised battery / Bajaj dealer for proper disposal of the same.

How to keep battery healthy ?

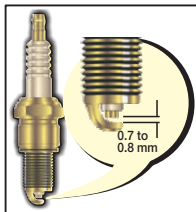
- Switch 'Off' ignition when engine is not running.
- Get battery checked/ charged during periodic services.
- Do not press starter button for more than 5 sec. After 3 successive cranking, wait for 15-20 sec. for battery to recover.
- If vehicle is to be stored for more than 2 weeks disconnect battery to avoid self discharge.

! CAUTION :

- Always disconnect -ve cable first.
- While refitting always connect +ve cable first.

Spark Plug

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

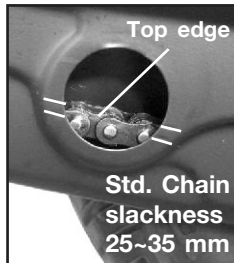


Spark Plug Gap: 0.7 to 0.8 mm.

Spark Plug (2 Nos): Champion PRZ9HC or Bosch UR4AC

Drive Chain Slackness

- Chain top edge to be kept between the two marks during chain slackness adjustment.
- Chain slackness will have to be adjusted whenever required.
- Std. Chain slackness 25 ~ 35 mm.
- Marking on chain adjusters should be identically positioned on both sides.

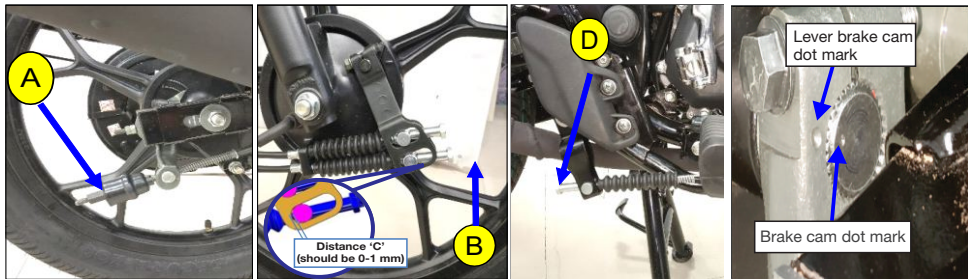


Thoroughly clean engine sprocket

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 / SAI Filter***	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 Kms	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 **“Bajaj Discover 110 / 125 UG”** 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 like tyres, tubes, battery and spark plugs 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

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 /non-recommended 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 "**Bajaj Discover 110 / 125 UG**" 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.