



BAJAJ
Discover DTS-i
135

User's Guide

(Export)



Dear Customer,

Congratulations on choosing "**Bajaj Discover (135) DTS-i**", one of the finest vehicle in the country brought to you by Bajaj Auto Limited.

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

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

You can entrust our Bajaj Dealers, who are well equipped with all necessary facilities, skill sets and trained manpower for servicing and repairs of your "**Bajaj Discover (135) DTS-i**". In the rare event of going to a local garage, always insist on Genuine Bajaj Spares to ensure safety, performance and longer life of your vehicle.

Should you require any additional information, please approach our Bajaj Dealers. If necessary, you may also write to selling dealers, with relevant details like Registration no. Chassis no., Engine no., Date of purchase, Kms. run, name of selling dealer and your contact numbers.

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

Wishing you unlimited miles of happiness!

International Marketing

BAJAJ AUTO LIMITED

Akurdi Pune 411 035 India

BAJAJ
Discover DTS-i
135

Table of Contents

BAJAJ
Discover 135

Description

Identification Data	1
Technical Specifications	2
Location of Parts	3
How to Ride a Motorcycle	10
Safe Riding Tips	12
Daily Safety Checks	13
Running In	14
Fuel Saving Tips	14
General Information	15
Periodic Maintenance / Lubrication Chart	17
Schedule For Service Wise Part List	20
Non-use Maintenance	23

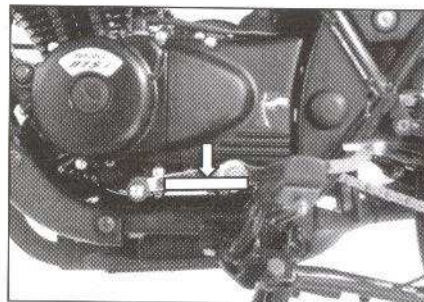
Identification Data

BAJAJ
Discover 135

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 the LH side of steering tube.
(Alpha-Numeric - 17 digits).



Engine Number Location :
On LH side crankcase near gear change lever.
(Alpha-Numeric - 11 digits).

Technical Specifications

BAJAJ
Discover DTS-i
135

Engine	: 4 stroke DTS-i, Single cylinder Natural air cooled.
Bore x Stroke	: 58.0 mm x 50.8 mm
Eng. Displacement	: 134.21 cc
Compression Ratio	: 9.5 ± 0.5 : 1
Idling Speed	: 1400 ± 100 rpm
Max. Net Power	: 9.64kW (13.10Ps) at 8500 rpm
Ignition System	: Micro controller based digital CDI
Spark Plug	: Champion RG 4 HC 2 Nos.
Spark Plug Gap	: 0.7 to 0.8 mm
Lubrication	: Wet sump, Forced.
Transmission	: 4 speed constant mesh.
Front Brake	: Hydraulic operated disc brake.
Rear Brake	: Mech. expanding shoe & drum type.

Fuel Tank Capacity	:
Full	: 10.0 litres
Reserve	: 2.3 litres

Dimensions	:
Length	: 2030 mm
Width	: 760 mm
Height	: 1065 mm
Wheel base	: 1305 mm
Min. Turning radius	: 2100 mm
Ground clearance	: 179 mm (Min.)

Tyre Size	Front : 2.75 X 17, 42 P Rear : 100/90 X 17, 52 P
Tyre Pressure	Front : 1.75 kg/cm ² (25 psi) Rear (Solo) : 2.00 kg/cm ² (28 psi) Rear (Pillion) : 2.25 kg/cm ² (32 psi)
Electrical System	: 12 Volts AC + DC
Head Lamp	: 35/35 W HS1
H4 Position Pilot Lamp	: 5 W (2 Nos.) For ES Version
Stop Lamp/Tail Lamp	: 5 W / 21 W
Turn Signal Lamp	: 10 W (2 Nos.)
Neutral Indicator Lamp	: 1.7 W
Hi Beam Indi. Lamp	: 1.7 W
Turn Pilot Indi. Lamp	: 1.7 W (2 Nos.)
Speedometer Lamp	: 3.4 W
Fuel Gauge	: 3.4 W
Horn	: 12 V DC
Battery	: 12 V-5 Ah

Vehicle Kerb Weight	: 133 kg.
----------------------------	-----------

Gross Vehicle Weight	: 263 kg.
Max. Speed	: 105 km/hr. (With single rider 68 kg)

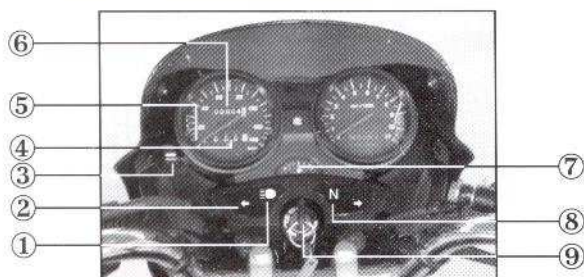
Climbing Ability	: 25% (14°) max.
-------------------------	------------------

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

2

Location of Parts

BAJAJ
Discover DTS-i
135



- Hi beam indicator** : When Headlight is 'ON' & Hi beam is selected with engine running, Hi beam indicator will be lit.
- Turn signal indicator (LH & RH)** : When Turn signal switch is turned to Left or Right, Turn pilot indicator - LH or RH will flash.
- Trip meter reset knob** : The trip meter can be reset to zero by turning the Trip meter reset knob anticlockwise.
- Trip meter** : The Trip meter shows the distance travelled since it was last reset to zero.
- Speedometer** : The Speedometer pointer shows the speed of vehicle.
- Odometer** : The Odometer shows the total distance that the vehicle has accumulated.

- Fuel level indicator** : Fuel level indicator shows available fuel in fuel tank.
- Neutral indicator** : When the transmission is in Neutral & Ignition switch 'ON', the Neutral indicator is lit.
- Steering cum Ignition switch** : Key operated switch for Ignition 'ON'/'OFF' & locking handle bar.

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.

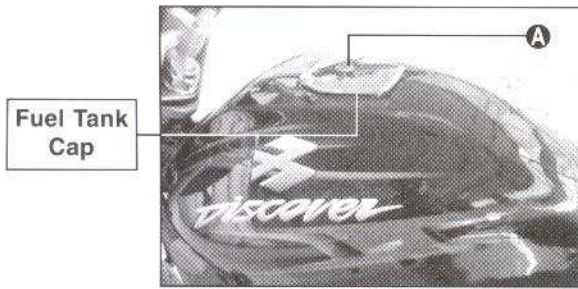
To unlock the steering : To unlock the steering, insert the key in steering cum ignition lock & turn it clockwise to "OFF" or "ON" position.

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

3

Location of Parts

BAJAJ
Discover 135



Fuel Tank Cap



Fuel Tap

Fuel Tank Cap

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

Fuel Tap

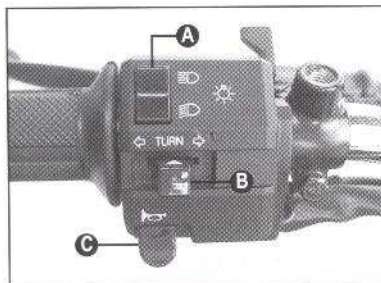
Fuel tap lever has following positions.

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

4

Location of Parts

BAJAJ
Discover 135




Left Handle Bar Switches

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

☰ : High Beam ☷ : Low beam

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

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

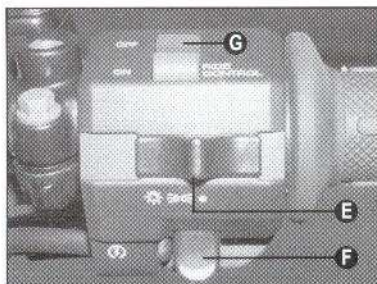
- D. Pass Switch** : Press the switch to flash the head light. It is used to give signal to vehicles coming from opposite side while overtaking.

CAUTION :
Do not touch the horn wire.

5

Location of Parts

BAJAJ
Discover 135



Right Handle Bar Switches

E. Head Light Switch : It has 3 positions.

●	: All lamps 'OFF'.
☰	: While engine running, Tail lamp, Meter lamp and Pilot lamp/s 'ON'.
☀	: While engine running, Head lamp, Pilot lamp/s, Tail lamp and Meter lamps 'ON'.

F. Starter Button :

Only applicable for vehicle with 'Self (Electric) Start' provision. Starter button operates the electric starter when clutch lever is depressed with transmission in any gear.

It is recommended to start the engine with the transmission in neutral.

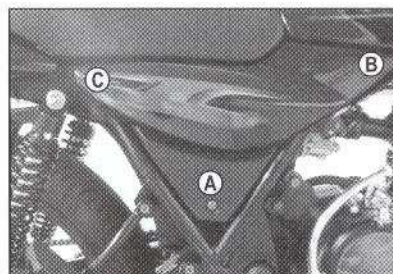
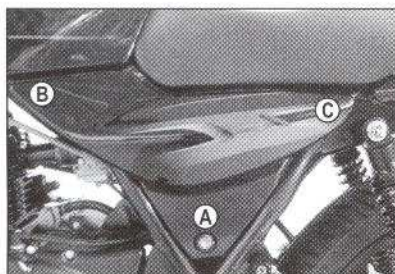
G. Ride Control Switch :

The function of 'Ride Control' is to make the rider to sense the Economy zone of the throttle for better fuel efficiency. When 'Ride Control' is in ON position, on opening the throttle, at particular position one will feel slight resistance to the rotation of the throttle. This indicates the end of fuel Economy zone. However throttle can be rotated further to get higher speed. When the switch is in OFF position, the resistance to the throttle rotation is not sensed. Thus there will be no indication of fuel Economy zone.

6

Location of Parts

BAJAJ
Discover 135



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 first (B) & rear side later (C). Take out 'Side cover'.

Fitment of Side Cover LH

- Match rear side (C) of 'Side Cover' lug with hole located on chassis and press the 'Side Cover'.
- Match Lug (B) provided on front side of 'Side Cover' with hole provided on 'Fuel Tank' and press 'Side Cover' inside.
- Match the 'Side Cover' properly with bracket provided on 'Chassis' and Lock (A) the 'Side Cover'.

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

Removal of Side Cover RH

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

Fitment of Side Cover RH

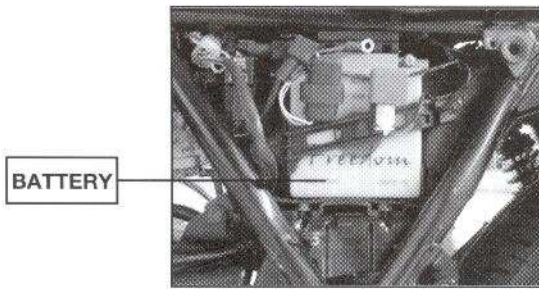
- Match rear side (C) of 'Side Cover' lug with hole located on chassis and press the cover.
- Match Lug (B) provided on front side of 'Side Cover' with hole provided on 'Fuel Tank' and press 'Side Cover' inside.
- Match 'Side Cover' properly with bracket provided on 'Chassis' and fix it with Screw (A).

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

7

Location of Parts

BAJAJ
Discover 135



BATTERY



TOOL KIT

Battery

- It is located inside the 'Side Cover' LH. For removing 'Side Cover' LH, please refer procedure given on page number 7.
- Always maintain electrolyte level in each cell between upper and lower level lines.

Tool Kit Location

- It is located below the seat on rear mudguard. For removing seat please refer procedure given on page number 9.
- A rubber strap is provided to hold the tool kit.

8

Location of Parts

BAJAJ
Discover 135



A : Seat Release Cable

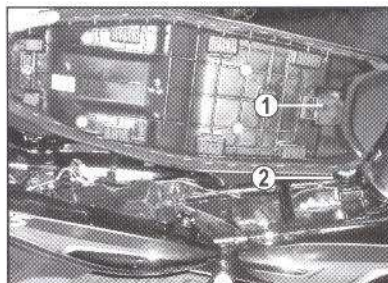


Fig. B

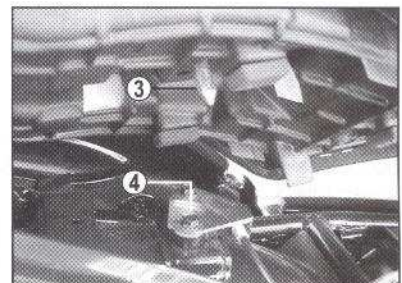


Fig. C

Removal of Seat

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

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 seat in middle from top to lock the seat.

9


How to Ride Motorcycle

BAJAJ
Discover 135

Before starting the vehicle and with the ignition key off, adhere to the following first thing in the morning or after a long period of non-use (whichever is the case).

- Depress the clutch lever completely. Kick the kick lever all the way down to its stop, briskly a couple of times. Release the clutch lever.

Starting the engine :

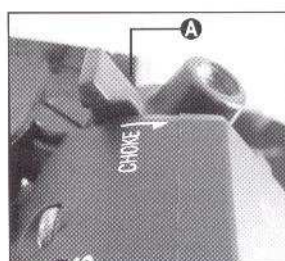
- Keep the fuel tap to ON or RES position.
- Turn ignition switch to ON position.
- Confirm that the vehicle (transmission) is in neutral.
- If the engine is cold or when starting for first time, use choke for quick starting. Choke lever (A) is located on LH side switch.
- Keep the throttle completely closed, push the starter button () or kick the engine with kick starter lever.
- When the engine is warmed up enough to idle without using choke, return the choke to OFF position.

NOTE : When the engine is already warm on hot days (Higher than 35°C), open the throttle partly instead of using the choke, and then start the engine.

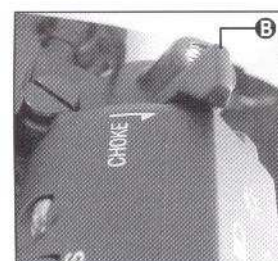
CAUTION : Do not operate the starter continuously for more than 5 seconds. Wait for 15 seconds before you re-start.

NOTE : The motorcycle is equipped with a starter lockout switch. The vehicle can start in any gear when clutch lever is depressed.

It is recommended to start the engine with the transmission in neutral.



A : Choke "OFF"



B : Choke "ON"

10

How to Ride Motorcycle

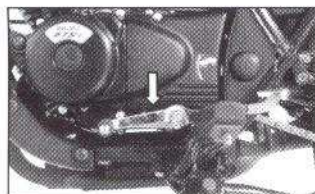
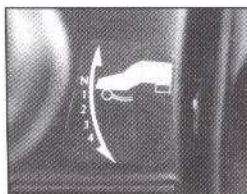
BAJAJ
Discover 135

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 Sequence & Gear Shifting Lever

WARNING : When shifting down to lower gear, do not shift at such a high speed that the engine rpm rises excessively and which may cause the rear wheel to skid.

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

Stopping the vehicle :

- Close the throttle completely.
- Shift the transmission into neutral.
- Bring the vehicle to complete stop.
- Turn the ignition switch off. Support the motorcycle on a firm level surface with the center or side stand and lock the steering.

Parking :

- Shift the transmission into neutral and turn the ignition switch OFF.
- Support the motorcycle on a firm level surface with the center or side stand.

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

11

Safe Riding Tips

- **WEAR A HELMET** : Always wear a helmet while driving. Your helmet should conform as per your country 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 with traffic rules and regulations in your states as well as general traffic signs.
- Do not overload your vehicle.
- Familiarise yourself well with starting, acceleration and braking of the vehicle.
- When applying the brakes, use both, the front and rear brakes. 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 and smooth operation.
- During rainy season drive the vehicle more cautiously. Remember vehicles skid more easily during light showers.
- Drive cautiously. Start early and reach your destination safely.
- Always carry vehicle registration papers, insurance and a valid driving licence with you.
- **RAINY SEASON CARE : Fit & Finish Parts**
It is suggested to customer to take appropriate care in area of heavy rainfall area. The appropriate surface preventive coat to avoid rusting / poor surface finish on account of adverse atmospheric conditions.
- Clean & lubricate all the important parts as detailed in a periodic maintenance chart.
- Do not obstruct engine cooling by adding protection sheet from front.

Daily Safety Checks

Before riding the motorcycle be sure to check the following items. Please give proper importance to these checks and perform all of them before riding the motorcycle. If any irregularities are found during these checks, refer to the Maintenance chapter and 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.

What to check	Check for
Fuel	Enough fuel for the planned distance of operation, no leaks in the fuel lines.
Engine Oil	Oil level between upper and lower marks.
Throttle	1. Correct play in the throttle cable (2 to 3 mm) 2. Smooth operation and positive return of the throttle grip to the closed position.
Steering Lock	Correct operation.

What to check	Check for
Brakes	1. Correct pedal play (15~20 mm). 2. Brake lining wear indicator within 'USABLE RANGE'. 3. No dragging.
Drive chain	1. Proper slack (30~35 mm). 2. Adequate lubrication.
Lighting	Operation of all lights.
Horn	Correct functions.
Steering	1. Smoothness. 2. No restriction of movement. 3. Loose or Tight.
Clutch	1. Correct lever play. (2 to 3 mm). 2. Smooth operation of lever.
Side and Centre Stand	Return to their fully up position.
Tyres	1. Correct pressure. 2. Adequate tread depth. 3. No cracks or cuts.
Mirrors	Correct position.

Running IN

BAJAJ
Discover 135

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.

Kms	1st	2nd	3rd	4th
0 - 1000	15	30	45	55
1000 - 2000	20	40	55	65

- 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.
- Do not run at constant speed. Vary the engine speed.

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 or within the ride control selector band in 'ON' position.

- Avoid harsh braking.
- Change the gear judiciously according to the speed 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.

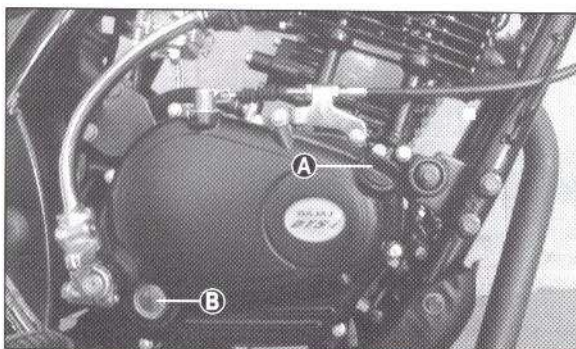
Vehicle Maintenance (Ensure Following)

Fuel	Check fuel lines and connections for leakage.
Spark plug	Inspect and clean spark plug. 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 the recommended tyre pressure.
Carburettor	Clean and adjust the carburettor. Adjust idling speed.

14

General Information

BAJAJ
Discover 135



A : Oil Filler Hole

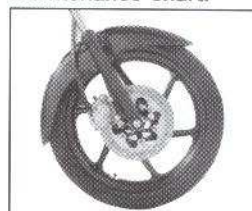
B : Oil Level Inspection Window

Engine Oil : Check every week

- Always maintain engine oil level between the upper and lower mark provided on Cover RH.
- Replace the oil in accordance with periodic maintenance chart.

Recommended Oil	SAE 20W40 of API 'SJ'+JASO 'MA' grade or Superior.	
Oil Capacity	1100 ml.	Refil : 1000 ml.

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



Wheel Puncture

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

Tyre Pressure :

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

Front	1.75 kg/cm ² (25 psi)
Rear (Solo)	2.00 kg/cm ² (28 psi)
Rear (With Pillion)	2.25 kg/cm ² (32 psi)

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 : Champion RG 4 HC (2 Nos.)

15

General Information

BAJAJ
DISCOVER 135



Battery (12V - 5 Ah)

- Battery is located inside 'Side Cover' LH.
- Check the electrolyte level in each cell and ensure that it is between the upper and lower level lines.
- If electrolyte is below lower level remove the battery filler caps and fill with distilled water until the electrolyte level in each cell reaches the upper level line.
- Add only distilled water to the battery. Tap water is not a substitute for distilled water and will shorten the life of the battery.
- Environment care must be taken to dispose off the used battery. It is always recommended to hand over the same to the Bajaj dealer for proper disposal of the same.

Front Brake Fluid Level

- Front brake fluid master cylinder reservoir is located near RH switch on handle bar.
- To check oil level, keep the vehicle on Centre stand with handle bar in straight ahead position.
- Always ensure that brake fluid level is above 'MIN' mark given on inspection window.
- 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 once in a year.

Drive Chain

Drive chain fitted on your vehicle is special chain with 'O' ring design.

- Care should be taken, that the chain should never run dry.
- Lubricate chain from outside with SAE 90 oil.
- Chain slack will have to be adjusted at every 1000 kms.

16

Periodic Maintenance and Lubrication Chart

BAJAJ
DISCOVER 135

Sr. No.	Operation	Which ever comes first ↓ OR	RECOMMENDED FREQUENCY			
			Initial		Subsequent	
		Kms. Days	500-750	2,500 kms.	Every 2,500km	Every 75 days
1.	Servicing		✓	✓	✓	✓
2.	Idle speed / CO %		C,A	C,A	C,A	C,A
3.	Engine oil (SAE 20W40 of API SJ or SL+JASO MA)		R	R		Every 5000 kms
4.	Valve tappet clearance		C,A	C,A		Every 5000 kms
5.	Oil strainer / Centrifugal filter		CL			Every 10000 kms
6.	Air cleaner element		CL	CL	CL	CL
7.	Air cleaner element*					R - Every 10000 kms
8.	Carburettor draining		D	D	D	D - Every Service
9.	Carburettor O/H cleaning, adjustment					Every 10000 kms if required.
10.	Fuel system leakage		C	C	C	C, R - if required
11.	Fuel pipes					R - Every two years
12.	Air breather tube					R - Every one year
13.	Spark plug gap		CL,A,C	CL,A,C	CL,A,C	R - Every 15000 km.
14.	Battery electrolyte level		C	C	C	Every 6 months
15.	Brake light switch		C,A	C,A	C,A	C,A
16.	Clutch play		C,A	C,A	C,A	C,A
17.	Throttle play		C,A	C,A	C,A	C,A
18.	Rear brake pedal play		C,A	C,A	C,A	C,A

- : Indicates operation to be performed.
- ★ : More frequent cleaning may be required when driving in dusty condition.

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

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

Every 2500 Km. or every 75 days subsequently.

17

Periodic Maintenance and Lubrication Chart

BAJAJ
Discover 135

Sr. No.	Operation	Which ever comes first ↓ OR	RECOMMENDED FREQUENCY				
			Kms.	Initial			Subsequent
		Days	500-750	2,500 kms.			Every 2,500km
			30 - 45	240 days from date of sale			Every 75 days
19.	Brake lining or pads wear (front & rear)		C	C	C	C	Replace if required
20.	Steering play		C,A	C,A	C,A	C,A	C,A
21.	All fasteners tightness including eng. mtg bolt		T	T	T	T	T
22.	Engine mtg. silent bush						C -Every 20,000 kms R-if required.
23.	Tyre thread wear						C -Every 10,000 kms
24.	General lubrication		L	L	L	L	L
25.	Steering steam bearing						L -Every 10000 kms. R -if required
26.	Wheel bearings						L -Every 15,000 kms.
27.	Swing arm pivot pin				L		Every 5,000 kms.
28.	Front fork		C,A		C,A		C,A
29.	Front fork oil						R -Every 10,000 kms.
30.	Fork oil seal and dust seal kit						R -Every 10,000 kms.
31.	Rear shock absorbers		C	C	C	C	C -Gas pressure 7.0±0.5 kg. / cm ²
32.	Drive chain						L -Every 500 kms.
33.	Drive chain wear / Remove, clean, inspect & lubricate				C,CL,L		Every 5,000 kms.
34.	Drive chain lock				R		Every 5,000 kms.
35.	Engine compression pressure						C -Every 15,000 kms.
36.	Cylinder block piston and head de-carbonising						Every 15,000 kms.

- : Indicates operation to be performed.
- ★ : More frequent cleaning may be required when driving in dusty condition.

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

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

18

Every 2500 Km. or every 75 days subsequently.

Periodic Maintenance and Lubrication Chart

BAJAJ
Discover 135

Sr. No.	Operation	Which ever comes first ↓	RECOMMENDED FREQUENCY				
			Initial			Subsequent	
		OR	Kms. Days	500-750 30 - 45	2,500 kms. 240 days from date of sale		Every 2,500km Every 75 days
37.	Cylinder head - Valve lapping						Every 30,000 kms.
38.	Valve oil seal leakage						C- Every 15000 R -Every 30,000 kms.
39.	Swing arm mtg. bush / bearing						C -Every 20,000 kms. R-if required
40.	Gap between reed switch & TPS magnet		C	C	C	C	C - Every Service
41.	Clutch plate						C -Every 20000 kms. R- if required
42.	Carburettor rubber duct						C -Every year R -If required
43.	Silencer drain hole cleaning		CL	CL	CL	CL	CL -Every Service
44.	Air filter cover "O" ring						Every 15,000 kms.
45.	Rear wheel rubber shock damper						R -Every 10,000 kms.
46.	Rear sprocket fasteners				T		T -Every 5,000 kms.
47.	Rim run out		C,A	C,A	C,A	C,A	
48.	Front brake lever play		C,A	C,A	C,A	C,A	
49.	Clutch, Front brake and Accelerator cable						R -Every two years
50.	Master cylinder cup and dust seal						R -Every two years
51.	Caliper piston and dust seal						R -Every two years
52.	Front brake hose						R -Every two years
53.	Starter clutch bush kit						R -Every 10000 kms.
54.	Clutch switch cleaning				C		Every 5000 kms.
55.	Brake fluid change		C - Every Month, R-Every 20000 kms. or once in a year				

- : Indicates operation to be performed.
- ★ : More frequent cleaning may be required when driving in dusty condition.

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

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

Every 2500 Km. or every 75 days subsequently.

19

Schedule For Service Wise Part List

BAJAJ
Discover 135

Bajaj Auto recommends the following periodic parts replacement for optimum performance of your vehicle as per the schedule.

for your vehicle as per the schedule.

Kms limit	Days	Item Description	Qty
500 - 750	30 - 45	Engine Oil	1000 ml
		Clutch Cover Gasket	1
2000 - 2500	240	NIL	NIL
4500 - 5000		Engine Oil	1000 ml
		Drive Chain lock and link set	1000 ml
7000 - 7500		NIL	NIL
9500 - 10,000	75 days from the last service	Engine oil	1000 ml.
		Clutch Cover Gasket	1
		Fork Oil	300 ml
		Fork Oil Seal and Dust Seal Kit	1
		Air Breather Tube	1
		Air Filter Foam element	1
		Air Filter Cover "O" Ring	1
		Rear Wheel Damper	1
		Drive Chain Lock and Link Set	1
		Starter Clutch Bush Kit	1
12000 - 12500		NIL	NIL

20

Schedule For Service Wise Part List

BAJAJ
Discover 135

Kms limit	Days	Item Description	Qty
14500 - 15000	75 days from the last service	Engine Oil	1000 ml
		Drive Chain lock and link set	1
		Brake Shoes / Front Disc Pads (if worn out)	1
		Steering stem bearing (If required)	1
		Spark Plug	2
		Cylinder head gasket (If required)	1
17000 - 17500		Nil	Nil
19500 - 20000		Engine Oil	1000 ml
		Clutch Cover Gasket	1
		Fork Oil	300 ml
		Fork Oil Seal and Dust Seal Kit	1
		Air Filter Foam element	1
		Air Filter Cover "O" Ring	1
		Drive Chain lock and link set	1
		Clutch plate (If required)	1
		Rear wheel rubber shock damper	1
		Brake fluid	1
22000 - 22500		Starter Clutch Bush Kit	1
24500 - 25000	NIL	NIL	
27000 - 27500	Chain sprocket kit (If required)	1	
	Engine Oil	1000 ml.	
	NIL	NIL	

21

Schedule For Service Wise Part List

Kms limit	Days	Item Description	Qty
29500 - 30000	75 days from the last service	Engine Oil	1000 ml
		Clutch Cover Gasket	1
		Air Filter Foam element	1
		Air filter cover O ring	1
		Air breather tube	1
		Spark Plug	2
		Fork Oil	300 ml
		Fork Oil Seal and Dust Seal Kit	1
		Drive Chain lock and link set	1
		Brake shoes / Front Disc Pads (If worn out)	1
		Cylinder head gasket (If required)	1
		Valve oil seal	1
		Steering stem bearing (If required)	1
		Starter Clutch Bush Kit	1
		Rear wheel rubber shock damper	1
		Front brake cable	1
		Accelerator cable	1
		Clutch cable	1
		Carburettor duct	1
		Fuel pipes	1
		Master Cylinder Cup and Dust Seal	1
		Caliper Piston Cup and Dust Seal	1
		Front Brake Hose	1
		Brake Fluid	1

Non-Use Maintenance

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 the spark plug and put several drops of 2T oil into the cylinder. Kick the engine over slowly a few times to coat the cylinder wall with oil and install back the spark plug.
- Set the vehicle on a box or a stand so that both the wheels are raised off the ground.
- Spray oil on all unpainted metal surfaces to prevent rusting. Avoid getting oil on rubber parts or brake liners.
- Lubricate the control cables.
- Cover the entire vehicle neatly. Make sure that the storage area is well ventilated and free from any source of flames or spark.

Preparation for regular use after storage :

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

** For Battery:

- Remove battery and keep it on wooden plank, in properly ventilated area.
- Before taking the vehicle for use.
 - Get the battery recharged from the Battery Dealer.
 - Check and correct the electrolyte level and apply petroleum jelly on terminals (applicable to certain models).

Pre Delivery Inspection

BAJAJ
DISCOVER 135

1. Fill adequate petrol into petrol tank for proper flow of petrol to the carburettor. ☐
2. Check all locks, P.T. cap, ignition switch, steering lock, R.H./L.H. cover. (As applicable to certain model). ☐
3. Check for smooth operation for fuel cock. ☐
4. Check engine oil level and top up if required. ☐
5. Check transmission oil level and top up if required. (As applicable to certain model). ☐
6. Check all controls for proper free play and function :- Accelerator, clutch lever, front brake lever, rear brake pedal / lever, choke lever. (As applicable to certain model). ☐
7. Check gear shifter lever for proper position and working. ☐
8. Inspect rear shock absorber for proper setting and correct if required. (As applicable to certain model). ☐
9. Check wheel run out and tighten spokes if required. (As applicable to certain model). ☐
10. Check / Adjust chain slackness appropriately. Lubricate if required. (As applicable to certain model). ☐
11. Check brakes and adjust if required. ☐
12. Check and top up brake fluid level. (As applicable to certain model). ☐
13. Check and adjust tyre air pressure to the recommended value. ☐
14. Check battery terminal voltage, specific gravity, electrolyte level. Charge the battery if required. Check connection at terminal, starter relay and apply petroleum jelly on terminals if required. ☐
15. Check and adjust steering freeness. ☐
16. Check front mudguard alignment w.r.t. front wheel. ☐
17. Check all important nuts and bolts for proper torque and tightness. ☐
18. Fit all O.E. accessories like mirror, leg guard, muffler guard etc. (As applicable to certain model). ☐
19. Start vehicle, check idling and CO%. ☐
20. Check all switches, meters, horn and lights for proper functioning. ☐
21. Test drive the vehicle. ☐
22. Check for oil leakage and rectify if any. ☐
23. Repair for any other defects seen or observed during the test drive before cleaning the vehicle. ☐
24. Clean the vehicle / washing before delivery. ☐

24

Applicable to Periodic Services

BAJAJ
DISCOVER 135

1. Wash the vehicle.
2. Flush & change Engine oil / Top up Oil Level (As per Schedule), on charge basis.
3. Clean air filter. (Replace, As per Schedule).
4. Check and clean fuel line. (Replace filter, if required - If Applicable).
5. Clean oil filter. (Replace, As per Schedule - If Applicable).
6. Clean oil strainer As per Schedule. (Replace, if required - If Applicable).
7. Clean & Drain Carburetor. (Overhaul, if required).
8. Clean, Check & Adjust spark plug gap. (Replace As per Schedule).
9. Check & Correct Wheel Run-out. (If Applicable).
10. Check & Adjust air pressures in the tyres.
11. Check & adjust (if required) valve clearance. (As per Schedule - If Applicable).
12. Adjust chain slackness. Clean & Lubricate Chain, If required (As per Schedule - If Applicable).
13. Check & adjust brakes.
14. Check and top up brake fluid level (If Applicable).
15. Check and adjust steering.
16. Check / Replace Fork Oil, As per Schedule (If Applicable).
17. Check Clutch, Gear, Choke, Accelerator & TPS (If Applicable) & adjust if required, on charge basis.
18. Check & tight Nuts, Bolts & Fasteners to the recommended torque (Refer SSM).
19. Lubricate specific points as per Lubrication Schedule.
20. Check Battery, top up Distilled Water. Route the cables and fit terminal caps properly Clean terminals & apply Petroleum Jelly (If Applicable).
21. Check all Meters for proper functioning.
22. Start vehicle, check & adjust Horn & All Lights for proper functioning.
23. Start vehicle, check idling and CO%. Tune Engine & Carburetor if required.
24. Carry out any additional work if required.
25. Test Ride the Vehicle if required.
26. Clean the vehicle at the time of delivery.

25

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 reserve the right to carry out at any moment without being obliged to bring this booklet up-to-date, modifications on the vehicle, parts or accessories as may be convenient and necessary.

DOC. NO. 71110537**REV. 00, DEC., 2007**BAJAJ
Discover DTS-i
135

Bajaj Auto Limited
Akurdi Pune 411 035 India
Tel +91 20 27472851
Fax +91 20 27407395
www.bajajauto.com

