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Discover

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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 a potential hazard that could result in vehicle damage. Follow the advice provided with 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.

	Discover 110	Discover 125
Engine	4 stroke, Air cooled, Single Cylinder, DTSi	4 stroke, Air cooled, Single Cylinder, DTSi
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 $\pm$ 200 rpm	1400 $\pm$ 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, CDI
Starting Aid	Kick / Self	Kick / Self
Spark Plug (2 Nos.)	Champion PRZ9HC & BOSCH UR4AC	Champion PRZ9HC & 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

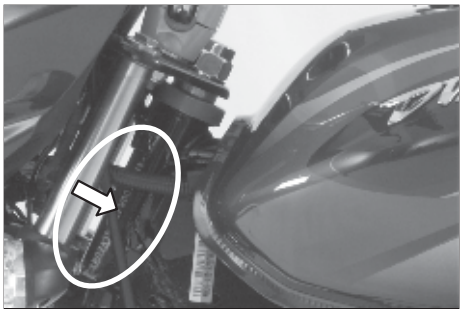
	Discover 110	Discover 125
Fuel Tank Capacity		
Full	8 liters	8 liters
Reserve	2.3 liters	2.3 liters
Usable Reserve	1.5 liters	1.5 liters
Dimensions		
Length	2035 mm	2035 mm
Width	760 mm	760 mm
Height	1085 mm	1085 mm
Wheel Base	1305 mm	1305 mm
Ground Clearance	165 mm	165 mm
Tyre Size		
Front	2.75 x 17, 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 (For Front Disc Brake version)
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)

	Discover 110	Discover 125
Electrical System	12V DC	12V DC
Battery	12V 5Ah MF Type	12V 5Ah MF Type
Head Lamp	12V, 35/35W Blue Tinge	12V, 35/35 W Blue Tinge
Position Lamp	DRL - 0.4W	DRL - 0.4W
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, 2A
Low Battery Indicator	LED	LED
Rear No. Plate Lamp	12V, 3W	12V, 3 W
Vehicle Kerb Weight	117.5 Kg	121 Kg (Drum Brake) 122 Kg (Disc Brake)
Gross Vehicle Weight	247.5 Kg	251 Kg (Drum Brake) 252 Kg (Disc Brake)

Note :

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

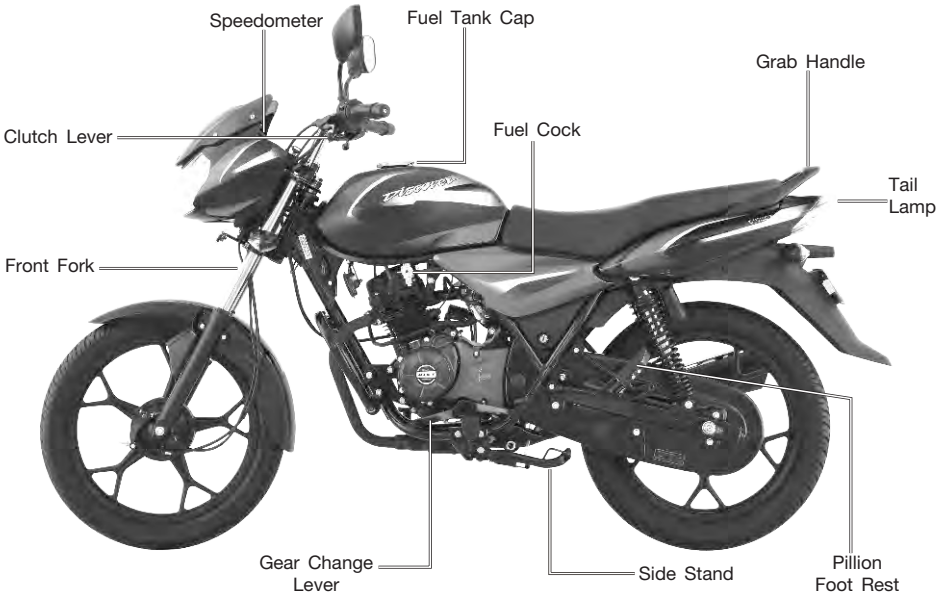
The Frame and Engine serial numbers are used to register the motorcycle. They are the unique alpha-numeric codes to identify your particular vehicle from others of the same model and type.

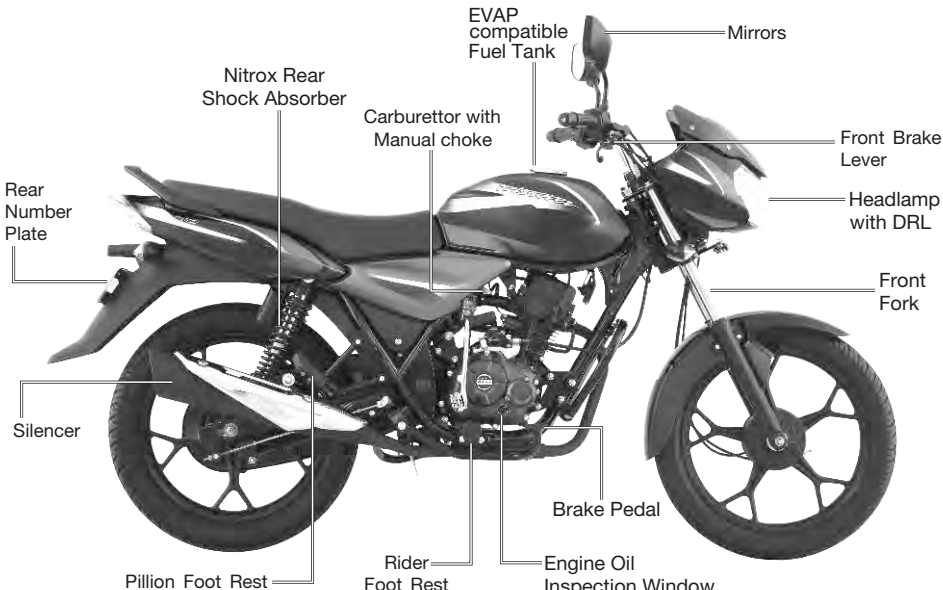


Frame Number Location
On LH Side of Steering Tube
(Alpha-Numeric - 17 Digits)



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


Speedometer
Fuel Tank Cap
Grab Handle
Clutch Lever
Fuel Cock
Tail Lamp
Front Fork
Gear Change Lever
Side Stand
Pillion Foot Rest



This photograph is of Discover 125 m/c.



Steering cum Ignition Lock :

It has three positions.

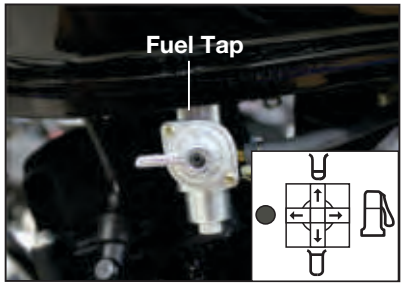
●	**LOCK :** Steering locked. Ignition OFF.
	OFF : Steering unlock. Ignition OFF.
	ON : Steering unlock. Ignition ON.

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

- 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 :

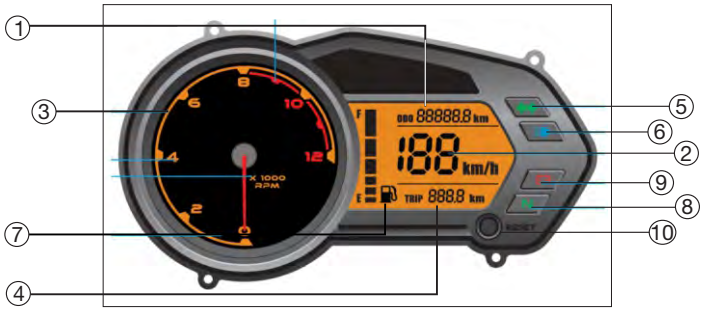
- Don't attach metallic 'Key chain' as it may damage paint of petrol tank cover.
- Don't put PVC/Rexin cover on petrol tank.

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.

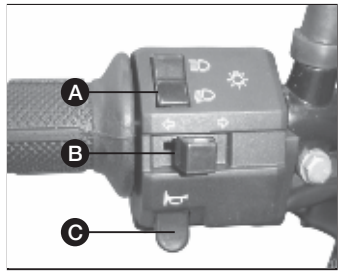


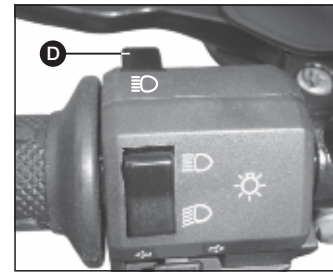
Fuel Level Indications



Fuel reserve level

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 :** It shows the engine speed in RPM.
4. **Trip Meter :** Trip meter shows the distance traveled 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 with engine running, Hi beam indicator will be lit.
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 the transmission is in Neutral and Ignition switch 'ON'.
9. **Low Battery Indicator :** It gets 'ON' when Ignition switch in '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.

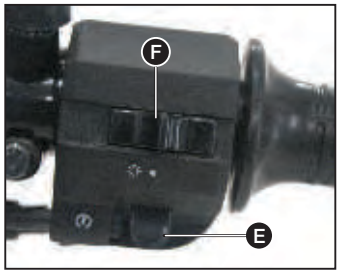
: High Beam : Low beam

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 turn signal flashing push the switch in & release.

C. Horn Switch : Press horn switch for sounding 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 igntion 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 Running Light Feature:

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

Day Time Running Light (DRL)



Igntion 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.



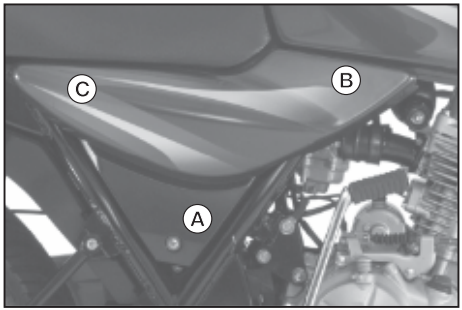
Removal of Side Cover LH

- 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

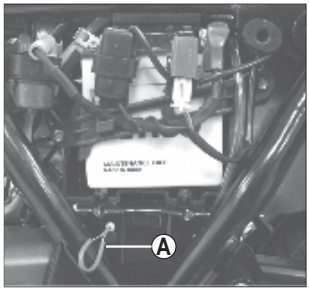
- Remove the screw (A) given on 'Side Cover'.
- Hold the cover with both hands and pull front side (B) first & rear side (C) later. Take out 'Side cover'.

CAUTION : Remove cover as described above, otherwise cover 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.



A : Seat Release Cable

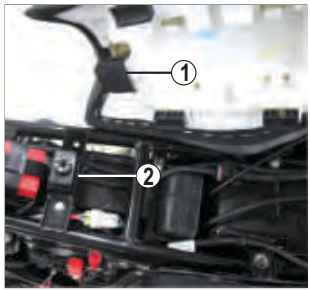


Fig. B

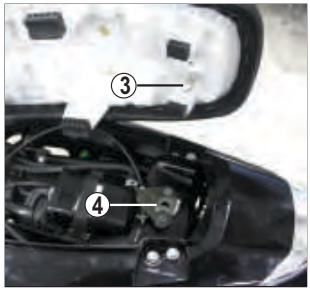


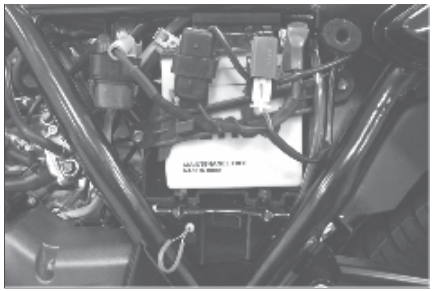
Fig. C

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.



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.



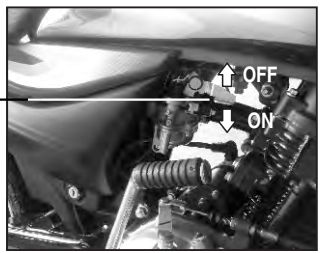
Tool Kit Location

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

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

Starting The Engine :

- Turn the fuel tap knob to ‘ ’ or ‘ ’ position.
- Turn ignition switch key to ‘ ’ position.
- Confirm that transmission is in neutral (must for Kick start)/press the clutch lever if transmission is in gear.
- If the engine is cold or when starting for first time use choke ( ) for quick starting.



- Keep throttle completely closed, press starter button “ ” / apply kick to start engine.
- Release starter button / kick lever as soon as engine starts.

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 :

1. The motorcycle is equipped with a clutch switch. The engine can be started in any gear if the clutch lever is pressed.
2. Before starting the engine, with ignition key in 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 and prevents jerky gear shifting.
3. Do not start vehicle without battery (battery disconnected.)

Note:
For maximum life of engine, never accelerate harshly when engine is cold.

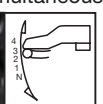
Moving Off :

- Check that Center/Side stand is up.
- Depress the clutch lever.
- Shift into 1 st 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.

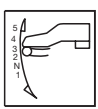
Shifting Gears :

- 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

Recommended Speed for Shifting Down

Gear Shifting	Discover 110	Discover 125
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 complete stop.
- When stopping, always apply both brakes at the same time. De-clutch as necessary to avoid engine stalling.

- Never jam 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 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	15	25	30	40
1000 - 2000	20	30	40	45

Discover 125

Kms	1st	2nd	3rd	4th	5th
0 - 1000	14	22	30	37	44
1000 - 2000	18	28	38	46	55

- Always keep the speed below the limits mentioned in the table.
- Do not race the engine excessively.
- Do not 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 riding 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 fuel in the tank till the bottom of the filling spout.
- Run the vehicle for 100 kms.
- Fill the fuel in tank, again till the bottom of filling spout at the same fuel station and fuel dispenser.
- Divide kilometer run / fuel quantity filled.

Optimum Shifting Speeds for best mileage

Gear	Discover 110	Discover 125
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 Plug	Inspect and clean spark plugs. Adjust electrode gap.
Air Filter	Clean the air filter element periodically.
Engine Oil	Check level daily. Always use recommended grade and quantity.
Brakes	Ensure that the brakes are not dragging / binding.
Clutch	Ensure correct clutch lever free play.
Tyre Air Pressure	Always maintain recommended tyre pressure in cold.
Carburettor	Periodic adjustment of carburettor. for idling speed & CO %.

Safe Riding Tips

- Always wear helmet while riding. Your helmets should conform to appropriate local safety 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 and follow traffic rules & regulations, 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 lose of 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, ride the vehicle more cautiously. Remember vehicle skids 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 gravel where vehicle is likely to skid.
- Properly wrap-up/tie-up loose clothes while riding to avoid entangling in wheel or other objects on road.
- Always concentrate on riding for safety.

Daily Safety Checks :

Before riding the motorcycle be sure to check following items. Please give proper importance to these checks and perform all of them before riding the motorcycle.

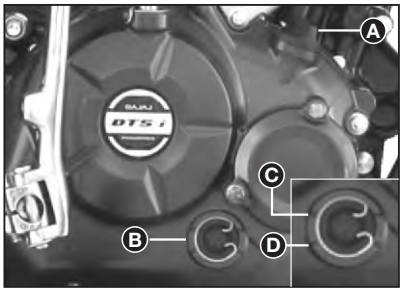
If any irregularities are found during these checks, refer to the Maintenance chapter & see your Distributor/Dealer for the action required to return the motorcycle to a safe operating condition.

⚠ **Warning :** Failure to perform these checks every day before you ride may result in serious injury or accident.

- Ensure enough **fuel level** for planned distance of journey. No fuel leakage in fuel lines.
- **Engine oil** level (between upper - lower level mark)
- **Throttle cable** play of 2 - 3 mm. Smooth operation & positive return to closed position,
- **Steering Lock** lever should not foul during free movement of handle.
- **Brake Pedal** Play - 15 to 25 mm.
- **Wear lining Indicator** within usable range. No brake drag.
- **Drive Chain** slack of 25 to 35 mm adequately lubricated.
- Function of all **lights & horn**
- **Clutch lever** play - 3 to 5 mm
- **Front Brake lever** play - 4 to 5 mm
- Smooth **steering movement** without restriction
- **Both stands** return to their fully retracted position.
- Correct **inflation pressure** in both tyres Adequate tyre tread depth- no cracks / cuts.
- Correct **rear viewing** span adjustment of mirror.

Monsoon Care :

- Take appropriate care in areas of heavy rainfall or high humidity. An appropriate surface protection of external part is recommended.
- Vehicle cleaning to be done with soft & clean wet cloth to avoid scratches on painted parts.
- Clean & lubricate all important parts as detailed in periodic maintenance schedule.
- Do not apply direct water jet on painted, electrical / electronic parts.
- Do not obstruct engine cooling by adding mud protection sheet at the 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 :

Model	Recommended Eng. oil Grade
Discover 110	10W30 API 'SL'
Discover 125	20W50 API 'SL' / JASO 'MA'

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

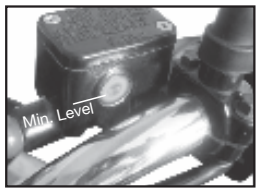
Tyre Pressure :

Maintain 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 :

(For Front Disc version)



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 replaced at every 30,000 Kms or once in two years whichever occurs earlier.

Battery Maintenance



Battery type :
12V 5Ah-MF Type

- 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.

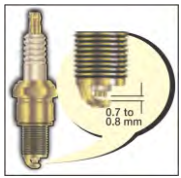
- When battery is found discharged, it is advised to get it charged immediately.
- Environment care must be taken to dispose off the used battery. It is always recommended to hand over the same to the Authorised battery / Bajaj Dealer for proper disposal of the same.

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.

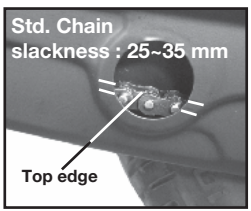


Spark Plug

- 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.

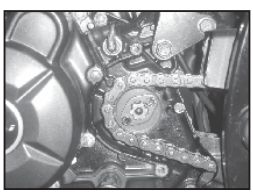
Spark Plug (2 Nos) **:** Champion PRZ9HC & Bosch UR4AC



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.
- Adjust slackness at the tightest portion of the chain.
- Std. Chain slackness 25 ~ 35 mm.
- Marking on chain adjusters should be identically positioned on both sides.

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



Thoroughly clean engine sprocket

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

Sr. No.	Operation	Servicing	RECOMMENDED FREQUENCY 1st	2nd	3rd	Every 5000 Km after Previous Service				Remarks
		Kms	500 ~ 750	4500 ~ 5000	9500 ~ 10000					
1.	Water wash & dry the vehicle completely		✓	✓	✓	✓	✓	✓	✓	Take care that no water enters in Petrol tank, Silencer & in electrical Parts. Use caustic free detergent for washing.
2.	Engine oil & Engine oil filter	C,R	R	R	R	R	R	R	R	SAE 10W30 API 'SL' for 110cc model. SAE 20W50 API 'SL' / JASO 'MA' for 125cc model
3.	Oil strainer	CL	CL		CL		CL		CL	Oil strainer cleaning at every oil change
4.	Starter Clutch (Dry Type)**	L		L	L	L	L	L	L	Use recommended Molycote grease.
5.	Spark Plug	CL,A,R			CL,A		CL,A		R	
6.	Air cleaner element*** & cover 'O' ring / SAI Filter***	CL,R	CL	CL	CL	R	CL	CL	R	Clean Foam/ Paper Element as applicable. O Ring checking at every service & to be replaced if found cut/ damage
7.	Fuel cock sediment bowl cleaning	CL				CL			CL	
8.	Carburettor rubber duct	C,R					C,R			Check & replace if required

Sr. No.	Operation	Servicing	RECOMMENDED FREQUENCY							Remarks
			1st	2nd	3rd	Every 5000 Km after Previous Service				
		Kms	500 ~ 750	4500 ~ 5000	9500 ~ 10000					
9.	Fuel pipe	C,R	C	C	C	R	C	C	R	
10.	Valve tappet clearance	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
11.	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	Customer to apply OKS chain lub spray or equivalent at every 500 kms.
12.	Engine air breather tube	C	C	C	C	C	C	C	C	
13.	Silencer drain hole cleaning	CL		CL	CL	CL	CL	CL	CL	
14.	Silencer tail pipe cleaning**	CL		CL	CL	CL	CL	CL	CL	
15.	Brake lining wear / lubricate Brake cam / Brake pedal pivot pin - Check brake wear indicator	C,L,R	C	C,L,R	C,L,R	R	C,L,R	C,L,R	R	Replace Brake shoe at every 15,000 kms or earlier if worn beyond wear indicator.
16.	Brake fluid level**-top up / replace	C,A,R				C,A			R	Use recommended brake fluid (DOT3 / DOT4)
17.	Disc brake assly - Check functionality, leakage or any other damage	C			C		C		C	

Sr. No.	Operation	RECOMMENDED FREQUENCY								Remarks
		Servicing	1st	2nd	3rd	Every 5000 Km after Previous Service				
		Kms	500 ~ 750	4500 ~ 5000	9500 ~ 10000					
18.	All cables & rear brake pedal-free play	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
19.	Ignition switch barrel cleaning & 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 or equivalent
20.	Steering play	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
21.	Steering stem bearing*** & Cap steering bearing (Plastic)**	C,CL, L,R			C,CL, L,R		C,CL, L,R		C,CL	Check & replace if damaged. Use Lithon RR3 or equivalent grease for lubrication
22.	Main stand & side stand pin**	CL,L			CL,L		CL,L		CL,L	Use AP grease
23.	All fasteners tightness	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	
24.	Wiring harness & Battery connections routine, 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	
25.	Battery electrolyte level, specific gravity	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	

Sr. No.	Operation	RECOMMENDED FREQUENCY								Remarks
		Servicing	1st	2nd	3rd	Every 5000 Km after Previous Service				
		Kms	500 ~ 750	4500 ~ 5000	9500 ~ 10000					
26.	Engine foundation silent bushes**	C				C			C	Replace if cut / damaged
27.	General lubrication-Clutch level, front brake level, kick lever.	L	L	L	L	L	L	L	L	Use AP grease
28.	Idle speed / CO%	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
29.	Front fork dust seal & rubber bellow	C,L	C,L	C,L	C,L	C,L	C,L	C,L	C,L	
30.	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. Applicable for product with EVAP system only.
31.	EVAP drain tube cleaning**	C,L	C,L	C,L	C,L	C,L	C,L	C,L	C,L	Applicable for product with EVAP system only.

*** It is strongly recommended to use only recommended grade of oil.**

**** 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 and is mandatory.

Non-use maintenance is necessary if the vehicle remains off the road for a longer duration (more than 15 days**). Correct and careful non-use maintenance should be carried out before storing the vehicle which will prevent the vehicle from oxidation / rusting of parts and also from other non-operational damages like fire hazards.

- Clean the vehicle thoroughly.
- Remove the fuel from the fuel tank and carburettor float bowl (if fuel is left in for a longer period, the fuel will have a gummy substance formation that could clog the carburettor jets / internal passages).
- Remove spark plug & add few drops of Engine oil into the cylinder. Kick the engine slowly so that the oil gets spread over the cylinder wall. Fit the spark plug firmly.
- Place the vehicle on a wooden box or a stand firmly. Endure that both wheels are raised off the ground.
- Spray the oil on all unpainted metal surfaces to prevent it from rusting. Avoid oil spillage on rubber parts and brake liners.
- Cover entire vehicle neatly. Make sure that the storage area is well ventilated & free from flames or spark.
- Fill 10% excess air pressure in both wheels.
- Do not apply oil on front brake disc, to prevent rust. If the front brake disc gets rusted during storage, do not attempt to clean it with soap water. The rust accumulated will get scraped off automatically during first few application of brake.

**** For Battery :**

a. Remove battery and keep it on a wooden plank, in 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 use after storage :

- Clean the vehicle.
- Tighten the spark plug.
- Fill the fuel in the fuel tank.
- Change the engine oil.
- Check all the points listed in the Daily Safety Checks section.
- Check and inflate tyres to correct specification.