



Dear Customer,

Congratulations on selecting the “Bajaj RE4S” as your new three wheeler. We are sure you will enjoy the superior performance, driver & passenger ergonomics and multitude of safety & comfort features that come with the “Bajaj RE4S”.

Your “Bajaj RE4S” is powered by a patented Twin Spark Engine Technology, a strong build & reinforced chassis to ensure long life.

Kindly read this Owner's Manual before driving to familiarize yourself with the mechanism and controls of the vehicle. To ensure a long, trouble free life of your vehicle, give it proper care and maintenance described in this manual.

Entrust the maintenance and repairs to Bajaj Distributor / Dealers, who are well equipped with necessary facilities and are specially trained on **“RE 4S Twinspark”**.

Wishing You Happy Driving for Years.

Should you require any additional information, please approach DPMC Workshops or Service Dealers. If necessary, you may also write to selling DPMC Workshops or Service Dealers, with relevant details like Registration no. Chassis no., Engine no., Date of purchase, Kms. run and your contact numbers.

IMPORTANT

WARNING / CAUTION / NOTE

Please read this manual and follow its instruction carefully. To emphasize special information, the symbol and the words WARNING, CAUTION and NOTE have special meaning. These special meaning apply except when laws or regulations require that the single words be used with a different meaning. Pay special attention to the messages highlighted by these signal words.



WARNING

Indicates a potential hazard that could result in death or injury.



CAUTION

Indicates a potential hazard that could result in vehicle damage.

NOTE

Indicates special information to make maintenance easier or instruction clear.

MODIFICATION WARNING



WARNING

Do not modify your vehicle. Modification could adversely affect safety, handling, performance or durability & may violate Governmental regulations. In addition to damage or performance problems resulting from modifications may not be covered under warranty.



WARNING

Severe damage may be caused by the use of either poor quality fuel or lubricants, which are not recommended by DPMC.

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1. Before Driving

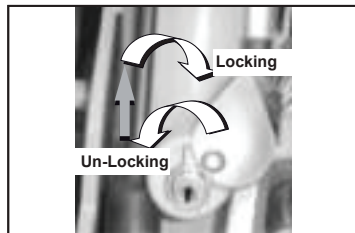


- 1.1 Locks
 - 1.2 Mirrors
 - 1.3 Handle bar and Dashboard
 - 1.4 Other controls
 - 1.5 Other Important parts location
 - 1.6 Identification data
 - 1.7 Technical Specifications
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1.1 Locks



Steering Lock



Steering Lock

Steering Lock

- Steering lock is below dashboard.

Steering lock operation :

- **Locking** : Turn the Handle bar to LH side, rotate the key in anti-clockwise direction to align the lock position, push in and rotate clockwise. After confirming the locking of handle bar, take out the key from barrel.
- **Un-locking** : Turn the key anti-clockwise, move the handle bar a bit, the lock will pop backwards unlocking the steering lock

1.1 Locks

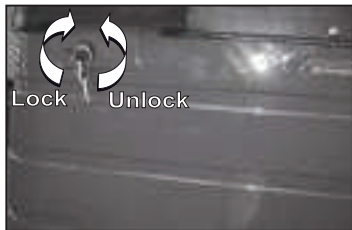


Glove Box Lock

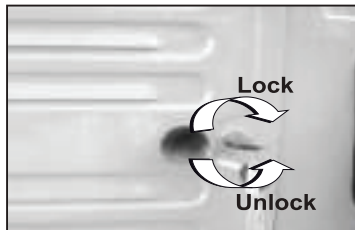
Glove box lock:

- To Unlock or lock glove box lock insert the key and rotate it clockwise or anticlockwise respectively.

1.1 Locks



Side Filling Door Lock(Petrol veh.)



Rear Door Lock

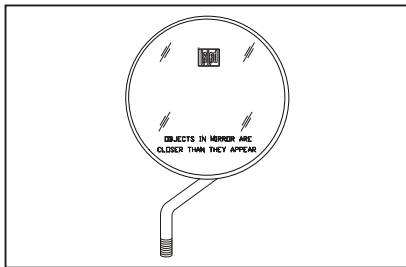
Side Filling Door Locks: (Petrol vehicle)

For filling petrol in tank, open the lockable cover. To open the lock insert the key & rotate it anticlockwise To lock the door insert the key & rotate it clockwise.

Rear door lock:

A lock is given for locking rear door. To unlock the lock insert the key and rotate it anticlockwise. To lock the door, first match the door properly with body and rotate key clockwise.

1.2 Mirrors



Mirrors

Outside Rear View Mirror:

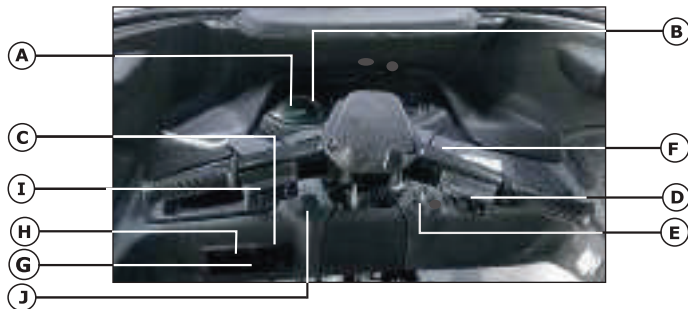
- Adjust the outside rear view mirror so that you can see the rear sides of your vehicle in the mirrors.



WARNING

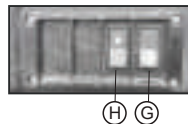
Be careful when judging the size or distance of a vehicle or other object seen in the side convex mirror. Be aware that object look smaller & appear farther away than when seen in a flat mirror.

1.3 Handle Bar and Dashboard



- A. Speedometer and odometer
- B. Tell Tale Indicators
- C. Switch LH
- D. Switch RH
- E. On - off parking switch
- F. Mobile Charger socket
- G. Hazard switch
- H. Stereo switch
- I. Selector Switch
- J. Choke lever

Petrol Vehicle

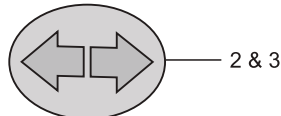
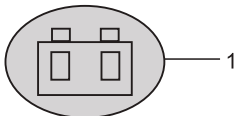


1.3 A & B. Speedometer & Indicators



1. Battery charging indicator
2. LH turn pilot indicator
3. RH turn pilot indicator
4. Hi beam indicator
5. Neutral Indicator
6. Petrol mode indicator
7. Fuel indicator (Petrol / GAS)
8. Oil pressure indicator (Petrol)

SN	Indicator	Symbol	Color	SN	Indicator	Symbol	Color
1	High Beam Indicator		Blue	5	Petrol mode indication		Yellow
2	Low Battery		Red	6	Fuel level - LED		
3	Neutral		Green	7	Turn LH		Green
				8	Turn RH		Green



1. **Battery Charging Indicator :**

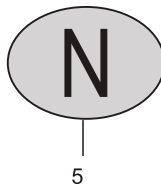
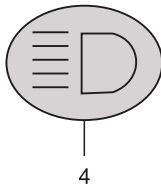
This light will glow when the Ignition switch is switched “ON” and will go off after starting of the vehicle.

If this indicator glows continuously even after starting of vehicle, then battery is not getting charged.

In this case immediately take the vehicle to DPMC Workshop or Service Dealer.

2&3. **Turn Pilot indicators (LH & RH) :**

When you turn on the left or right turn signals, the corresponding green arrow in the Tell Tale indicator will flash along with the turn signal lights. When you turn on the hazard warning switch, both arrows will flash along with all the turn signal lights.



4. Headlamp Hi-beam :

When the Headlamp Hi-beam is switched “ON” this indicator will glow and give indication to the driver.

5. Neutral :

Indicator light will glow as the Ignition switch is switched “ON”, provided the vehicle is in Neutral gear. The light will go off as soon as the gear is engaged. This helps the driver to confirm Neutral position while starting and stopping the vehicle.

Note: Starter motor will not operate unless vehicle is in Neutral



6. Fuel Indicator



7. Oil Pressure Indicator

6. Fuel Indicator :

It indicates the available fuel in Fuel Tank. When the indicator moves in Red zone i.e. towards 'E', ensure to fill the petrol.

7. Oil Pressure Indicator :

It is located on Tell tale indicator. It will glow when the ignition switch is made 'ON' and when engine is not running. It will normally go off when engine is started but may occasionally glow at idle when the engine is very hot. It should stop glowing when the engine is revved up from idle, while taking off or while driving.

CAUTION

If Oil Pressure indication is glowing continuously during vehicle in motion, immediately stop the vehicle, check the oil level and top-up if necessary & take it to nearest DPMC Workshop or Service Dealer.

1.3 C. Switch LH



Switch L.H.

A. Side indicator switch : It has 3 positions.

Center : All side indicator lights remain “OFF”.

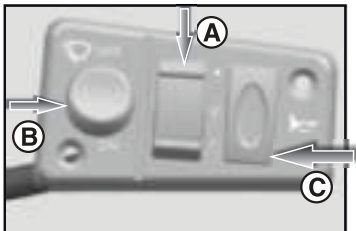
LH ⇐ : Front and Rear, LH side indicator lamps and LH turn pilot indicator will flash simultaneously.

RH ⇒ : Front and Rear, RH side indicator lamps and RH turn pilot indicator will flash simultaneously.

B. Dipper switch : It has two positions

Hi beam : ☹○ Low beam : ☹○

1.3 D. Switch RH



Wiper blade
Self Parking
Position

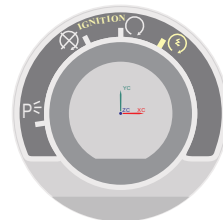
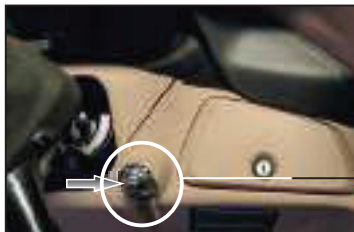
Switch R.H.

- With ON/OFF switch ON Position
- A. Light switch :** It has following positions
- 0 : Head and Pilot lights “OFF”.
 - 1 : Parking, & Tail lamps will be “ON”.
 - 2 : Head, Tail, and Parking lamps will be “ON” Hi beam indication will be “ON”, if switch is in High Beam position.
- B. Wiper Motor switch :** It has 2 positions.
- ON : Wiper motor “ON”.
 - OFF : Wiper motor “OFF”.
- (Wiper blade should park in self-parking position. Shown in above picture.)
- C. Horn button :** For sounding horn.
-

1.3 E. Ignition Parking Switch



IGNITION PARKING
SWITCH



Ignition Parking Switch

- It is located on the dash board.
- Insert the key & rotate it clockwise to make it on.
- It has 4 positions :

OFF : All electrical circuits “OFF”.

ON : All Electrical circuits “ON” except parking & hazard circuit.

PARKING : Parking light and hazard operation will come on (when respective switches on switch board are “ON” and key is in parking position.)

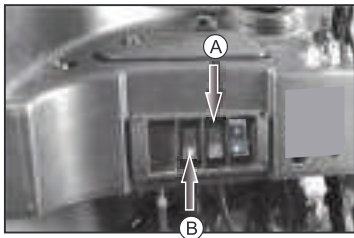
START :- starter motor will start, After holding key at this position



WARNING

Always remove the ignition key when leaving the vehicle even if for short time.

1.3 F & G. Hazard & Stereo Switch



A) Hazard Warning switch

B) Stereo Switch

A. Hazard Warning Switch:

In case of emergency , this switch is to be operated. It will switch on all 4 indicator lights simultaneously and both turn pilot indicators will blink simultaneously. Key switch should be in ON or Parking position to operate hazard switch.

B. Stereo Switch :

A switch is provided for stereo.

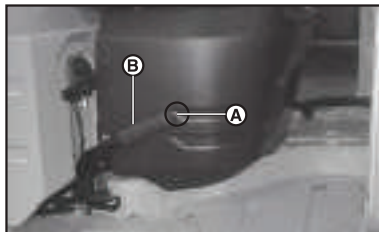
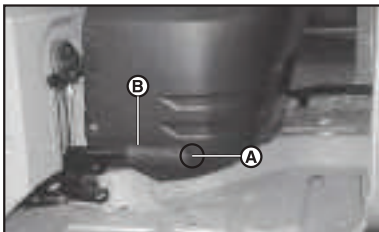
1.4 Other Controls



Other Controls

- 1.4 A. Parking Brake
- 1.4 B. Brake Pedal
- 1.4 C. Clutch Lever
- 1.4 D. Reverse Lever

1.4 A. Parking Brake - For Petrol Vehicles



A. Parking Brake

- It is located on the RH side of Driver. To apply Parking brake, pull the lever (B) upwards. To release the Parking brake, press the knob (A) and gradually release the lever (B) to its normal position.

⚠ CAUTION

Never drive your vehicle with the Parking brake on, as rear brake effectiveness can be reduced. Due to overheating, brake life may be shortened or permanent brake damage may result. If the Parking brake does not hold the vehicle securely or does not fully release, have your vehicle inspected immediately by DPMC Workshop or Service Dealer.

1.4 A. Parking Brake



CAUTION

Always apply Parking brakes fully before leaving your vehicle or it may move causing injury or damage, especially on gradients.

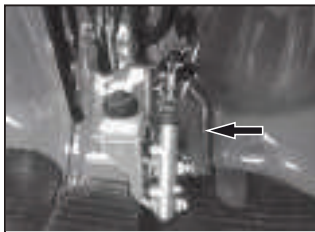
When Parking, shift the vehicle into first gear (when vehicle is parked Uphill) & Shift the vehicle into Reverse Gear (When Vehicle is parked Downhill). Remember that even if transmission is in gear, you must apply the Parking brake fully.

CAUTION

When Parking the vehicle on a slope, the following procedure should be used :

1. Apply Parking brake.
2. Shift transmission into first gear.
3. With the engine off, get out of the vehicle and put chocks under the wheels.

1.4 B. Brake Pedal



Brake Pedal : Vehicle is provided with hydraulic brake system. Brake is operated by pedal mounted on RH side of scudo.

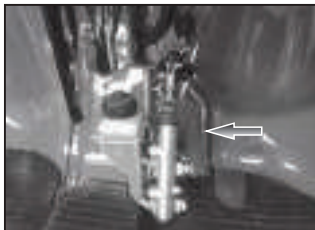
⚠ CAUTION

If brake squeal is excessive and occurs each time the brakes are applied, you should have the brakes checked by DPMC Workshop or Service Dealer.

⚠ CAUTION

Do not “ride” the brakes by applying them continuously or resting your foot on the pedal. This will result in overheating of the brakes which could cause unpredictable braking action, longer stopping distances, or permanent brake damage .

1.4 B. Brake Pedal



⚠ CAUTION

If water gets into the brake drums, brake performance may become poor and unpredictable. After driving through water or washing the underside of the vehicle, test the brakes while driving at a slow speed to see if they have maintained their normal effectiveness. If the brakes are less effective than normal, dry them by repeatedly applying the brakes while driving slowly until the brakes have regained their normal effectiveness.

1.4 C- Clutch Lever



Clutch Lever:

Clutch is operated by hand lever located on LH side of handle bar.

⚠ CAUTION

Do not drive with clutch lever in pressed condition. It could result in excessive clutch wear, clutch damage, or loss of engine braking and drop in fuel efficiency.

1.4 D- Reverse Lever



Reverse Gear Disengaged

Reverse
Gear Lever



Reverse Gear Engaged

Reverse Gear : It is located below Dash board.

For engaging Reverse gear -

- Shift to Neutral, stop the vehicle with engine idling.
- Pull the Reverse gear lever all the way upward.
- Press clutch lever.
- Engage transmission into first gear.
- Release the clutch lever slowly and open throttle to set the vehicle in motion.

For disengaging Reverse gear -

- Shift to Neutral, stop the vehicle with engine idling.
- Press the knob (B) gradually take the Reverse gear lever to its original position.

1.5 Other Important Parts Location



- 1.5 A. Petrol Tank
 - 1.5 A1. Fuel Cock
 - 1.5 B. Battery
 - 1.5 C. Spare Wheel
 - 1.5 D. Mobile Charger Socket & water bottle holder
 - 1.5 E. Air Filter
 - 1.5 F. Fuel Filter
 - 1.5 G. Fuse Box
 - 1.5 H. Oil Cooler
-

1.5 A. Fuel Tank



A. Fuel Tank

A. Fuel Tank

- Fuel tank is mounted on rear RH side.
 - Fuel tank capacity is 8 litres including Reserve of 1.5 litres.
-

1.5 B Battery



Battery (12V ,32Ah)

Battery (12V ,32Ah)

- It is located on RH side in “Enclosure” below driver seat.



WARNING

Batteries produce flammable hydrogen Gas. Keep flames and sparks away from the battery or an explosion may occur. Never smoke when working in the vicinity of the battery.

When checking or servicing the battery, disconnect the negative cable. Be careful not to cause a short circuit by allowing metal objects to contact the battery posts and the vehicle at the same time.

1.5 C Spare Wheel



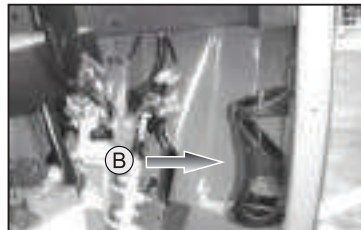
Spare Wheel

- Spare wheel is situated under the driver seat inside the enclosure box.
 - Tilt driver seat towards the handle.
 - Use the ignition key to unlock the lock on the spare wheel.
 - Remove the lock and the cup beneath it.
 - Rotate knob anti-clockwise to loosen it with hand and remove it.
 - And then remove the spare wheel.
-

1.5 D Mobile Charger, Water Bottle Holder



Mobile Charger Socket



Water Bottle Holder

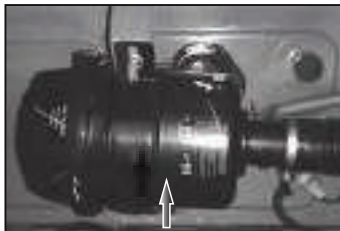
A. Mobile Charger Socket :

- Mobile charger socket is on dashboard .
Mobile can be charged in Key OFF condition, key ON position and Parking position.

B. Water Bottle Holder :

- Water bottle holder is provided for keeping water bottle. It is mounted on RH side of scudo.
-

1.5 E Air Filter



Air Filter

Air Filter:

Air filter is used to provide clean air to engine. It is located on body near engine.

1.5 F Fuel Filter



Fuel Tap

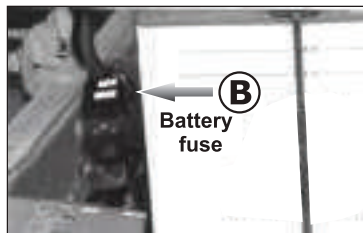
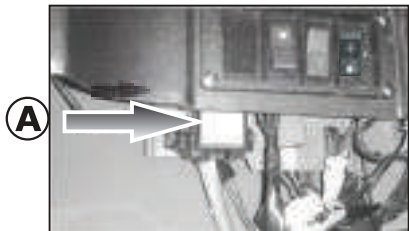
Fuel Filter

Fuel Filter :

Fuel filter is given to provide clean fuel to the engine.

Fuel filter is located inside fuel gauge.

1.5 G Fuse Box



Fuse Box :

A) **Main fuse box** : Fuse box is mounted on electrical unit plate below dashboard at LH side 2
Spare fuses (one of 10A & another of 30A) is provided in a fuse box cover.

B) **Battery fuse box** : Mounted on battery mounting bracket.



WARNING

Always be sure to replace a blown fuse with a fuse of the correct ampere. Never use a substitute such as aluminum foil or wire to replace a blown fuse. If you replace a fuse & new one blows in a short period of time, you may have major electrical problem. Have your vehicle inspected at DPMC Workshop or Service Dealer.

1.5 H Oil Cooler



Oil Cooler

- Engine is fitted with oil cooler which helps to control the engine temperature and subsequently enhance the life of engine parts.

1.6 Identification Data

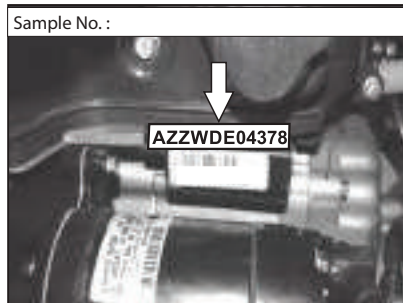


The Chassis and Engine serial numbers are used to register the vehicle. They are the only means of identifying your particular vehicle from others of the same model and type.



Sample No. :

◀ Chassis Number Location -
At Front on Dashboard.



Engine Number Location - ▶
On RH side crank case.

1.7 Technical Specification



Engine : 4Stroke, Spark Ignition, Forced Air Cooled.

Bore X Stroke : 63.5 mm x 62.8 mm

Engine Displacement : 198.88 cm³

Max. Net Power as per IS:14599

Petrol
7.6 kW at 5000 rpm

Max. Net Torque as per IS:14599

Petrol
17.0 Nm at 3500 rpm

Starting : Electric Start

Spark Plug : 2 nos.

Champion : RG6HCC

Lubrication : Pressurized lubrication by separate oil pump

Transmission(gears): 4 Forward + 1 Reverse

Petrol Tank Capacity

Petrol Vehicle : Full: 8 Litres,
Reserve : 1.5 Litres

Tyre Size : 4.00-8, 4/6 PR,
(For all four Tyres)

Tyre Pressure (Unladen)

Front : 2.1 kg/cm² (30 psi)

Rear : 2.4 kg/cm² (34 psi)

Brakes

Front : Hydraulic expanding shoe type.

Rear : Hydraulic expanding shoe type.

Hand : Mech. expanding shoe type on rear wheels.

1.7 Technical Specification



Electrical System	:	12 V DC
Battery	:	12V 32 Ah
Head Lamp	:	35/35 W
Pilot Lamp	:	5 W
Tail / Stop Lamp	:	5/21 W or 5/18 W
Side Indicator Lamp	:	10 W
Horn	:	12V DC
Reverse Lamp	:	10 W
Pilot Lamp	:	5 W
Vehicle Weight	:	

	Petrol
Kerb Wt	362 kg.
Max.Wt	672 kg.

Max. Speed

Petrol	:	65 km/h
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Note :

- All dimensions are in UNLADEN condition.
 - Above information is subject to change.
-

2. Operating Your Vehicle



- 2.1 Daily Safety Checks
 - 2.2 Safe Driving Tips
 - 2.3 Fuel Saving Tips
 - 2.4 Running In
 - 2.5 Starting and Driving
-

2.1 Daily Safety Checks



Before starting the vehicle, it is recommended to do following checks.:

Make sure that mirrors, lights and reflectors are clean and unobstructed

Fuel :

Enough fuel in tank. Check fuel pipes for cracks/leakage. Replace if found defective.

Electrical :

Operating of all tell tale lights, switches, horn etc.

Brakes:

Effectiveness, lever play, dragging of the brakes.

Steering / Suspension :

Smoothness, any play or looseness.

Controls :

Free play, smooth operation, positive return to the close position.

2.2 Safe Driving Tips



WARNING

Never drive while under the influence of alcohol or other drugs. Alcohol and drugs can seriously impair your ability to drive safely. You should also avoid driving when you are tired, sick, irritated, or under stress.

Driving down a Hill: When driving down a hill, the engine should be used for braking by shifting to next Lower gear.



WARNING

Try not to hold the brake pedal down too long or too often while going down a Steep or long hill. This could cause the brakes to overheat, resulting in reduced Braking efficiency. Failure to take this precaution could result in loss of vehicle control.

Driving on slippery roads : On rainy days, "Aquaplaning" can occur. It is loss of direct contact between road surface & vehicle tyres due to water film forming between them. Steering or braking during aquaplaning can be very difficult, & loss of control may occur. Maintain low speed when road surface is wet. Don't jam the brakes on wet surfaces, on unmetalled roads or on slippery roads.

2.3 Fuel Saving Tips



- 1 Ride smoothly and steadily at an optimum speed of 30 40 kmph
 - 2 Change the gear judiciously according to the speed requirement.
 - 3 Avoid following
 - Sudden acceleration and frequent / sudden braking.
 - Driving with foot on brake pedal.
 - Driving with partial disengaging of clutch (half clutch).
 - Overloading & Driving at high speeds.
 - Over / under inflated tyres.
 - Keeping the engine running at traffic signals if the idling time is more.
-

2.4 Running - In



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

Gear	1st	2nd	3rd	4th
Speed km/hr	10	15	25	35

- Always keep within the specified running in speeds.
 - 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 work up into the engine.
-

2.5 Starting & Driving



Starting the Engine

- Turn ignition switch key ON
 - Ensure that vehicle is in Neutral gear, by confirming the neutral lamp in tell tale indicator is lit.
 - Check Tell tale lights for Battery charging indicator in tell tale indicator is lit.
 - Use ignition switch key to start the vehicle.
 - Wait for about a minute for engine to warm up before engaging gears and moving on.
-

2.5 Starting & Driving



Moving On :

- When the engine has started battery charging, indicator should go off.
 - Release parking brake. Press the clutch.
 - Shift into first gear.
 - Open the throttle a little, and start to release the clutch very slowly.
 - As clutch starts to engage, open the throttle a little more, giving the engine just enough power to keep it from stalling.
-

2.5 Starting & Driving



Shifting Gears :

- Close the throttle while pressing the clutch.
 - Shift into the next higher or lower gear.
 - Open the throttle partially, while releasing the clutch.
-

2.5 Starting & Driving



**Ignition / Parking
Switch**

Stopping the engine :

- Close the throttle completely.
 - Shift the gear to neutral.
 - Turn the ignition switch to “OFF” position.
-

3 Preventive Maintenance



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- 3.1 Periodic Maintenance Chart
 - 3.2 Periodic Lubrication Chart
 - 3.3 Engine Box Oil - Checking / Replacement
 - 3.4 Differential Oil - Checking / Replacement
 - 3.5 Recommended Oil Grade and Quantity
 - 3.6 Air Filter Cleaning Procedure
 - 3.7 Battery
 - 3.8 Wiper Motor
 - 3.9 Drive Shaft Slider Block
 - 3.10 Brake Oil
 - 3.11 Free Play
 - 3.12 Tyre Rotation
-

3.1 Periodic Maintenance Chart



Sr. No.	Operation	RECOMMENDED ODOMETER READING km								
		1K	2.5K	5K	7.5K	10K	12.5K	15K	17.5K	
1.	Vehicle washing & Cleaning	CL	CL	CL	CL	CL	CL	CL	CL	
2.	Clean/replace Air filter element along with foam strip**	CL		CL		CL		CL		Replace after every 40K km. Do not remove foam strip during cleaning
3.	Clean/Replace breather tube filter		CL	CL	CL	R	CL	CL	CL	Replace After every 10,000 km
4.	Check all lights for working	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	Switches, indicators etc
5.	Clean oil strainer	CL		CL		CL		CL		
6.	Check/adjust steering column/fork tight race & lock nut	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	Tight lock nut to recommended torque
7.	Clean/Adjust/ Replace Spark plug gap	C,A	C,A	C,A	C,A	R	C,A	C,A	C,A	Replace after every 10,000km
8.	Adjust Idling speed	C,A	C,A	C,A	C,A	C,A	C,A	C,A	C,A	
9.	Check & adjust valve clearance	C,A		C,A		C,A		C,A		Adjust if required
10.	Check /Replace fuel pipes	C,R	C,R	C,R	C,R	C,R	C,R	C,R	C,R	Replace if required
11.	Check Battery electrolyte level & top up	C,T	C,T	C,T	C,T	C,T	C,T	C,T	C,T	
12.	Do Tyre rotation (seq.1 & seq.2)			A		A		A		Seq 1 at 5k,15k,25k....km Seq 2 at 10k,20k,30k....km
13.	Replace prop. shaft rubber buffers									Replace at 20,000km
14.	Replace Oil Filter			R		R		R		Replace after every 5,000km
15.	Clean Fuel filter			CL		CL		CL		Clean after every 5,000km
16.	Check and adjust control cables		C,A	C,A	C,A	C,A	C,A	C,A	C,A	
17.	Check front/rear shock absorbers for any defect		C	C	C	C	C	C		
18.	Check & top up brake fluid		C,T	C,T	C,T	C,T	C,T	C,T	C,T	Replace after every 40,000 km
19.	Check brake liner wear, replace if required		C	C	C	C	C	C	C	Replace after every 30,000 km If required

3.2 Lubrication Chart



Sr. No.	Operation	RECOMMENDED ODOMETER READING km								
		1K	2.5K	5K	7.5K	10K	12.5K	15K	17.5K	
1.	Replace/top up Engine/ Differential	R	T	R	T	R	T	R	T	Replace After every 5,000km. Top up at every 2,500km.
2.	Grease Steering races, balls					L				
3.	Grease Front suspension	L	L	L	L	L	L	L	L	
4.	Grease Propeller shaft flanges									lubricate at 20,000km
5.	Grease Fare/Speedo meter drive			L		L		L		
6.	Speedometer inner greasing					L				Every 10,000 km
7.	Apply petroleum jelly on Battery terminals	L	L	L	L	L	L	L	L	

Recommended Oil for Sr. No. 1 & 2 : Bajaj Genuine Oil 20W/50 JASO MA2 API SL

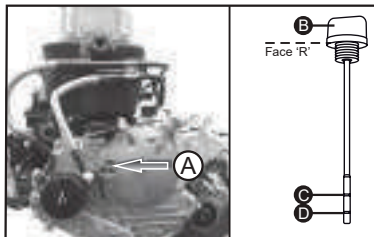
A- Adjust **C-** Check **CL-** Clean **L-** Lubricate **R-** Replace **T-** Top up

*** It is strongly recommended to use only "Bajaj Genuine Oil 20W/50 JASO MA2 API SL" Genuine engine oil.**

3.3 Engine Oil-Checking / Replacement



- A. Oil filler hole/dipstick
- B. Oil level dipstick
- C. Upper level (Max level)
- D. Lower level (Min level)



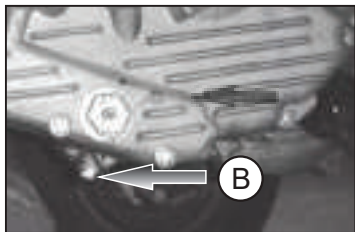
Engine Oil level checking procedure :

- Park the vehicle on level surface to check the oil level.
- Remove the dip stick & wipe it clean.
- Insert the dipstick tighten it till the face 'R' rest completely on the seating face of clutch cover.
- Remove the dipstick & check the oil level.
- This should be between the two marks 'C' and 'D' as shown.

NOTE

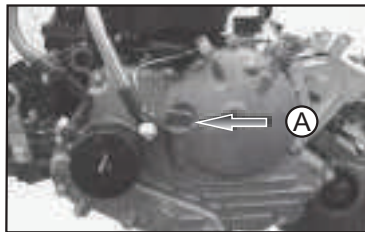
Engine oil dipstick head is coloured Green. Be sure to use the correct dipstick in this location.

3.3 Engine Oil-Checking / Replacement



A. Oil filler hole

B. Oil drain plug



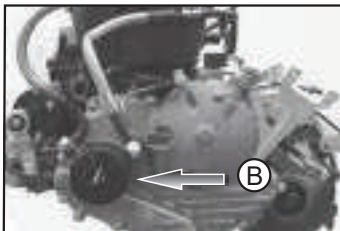
Oil replacement :

Replace oil as per Lubrication Chart.

For Replacing Engine Oil :

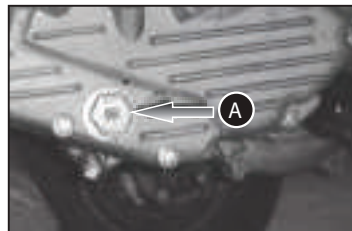
- Run the engine for about 10 minutes to warm up the oil
 - Place the vehicle on a level ground so that the oil settles down
 - Remove oil drain plug. Let the oil drain completely
 - Tighten the drain plug
 - Remove oil filling plug and pour the correct quantity of recommended oil.
 - Ensure oil level at top 'C' level of dipstick
 - Fit back oil filling plug. Ensure that there is no oil leakage.
-

3.3 Engine Oil-Checking / Replacement



A. Location of
Oil strainer

B. Oil filter



A. Oil Strainer Cleaning

- Oil Strainer is situated inside the plug as shown in the figure.
- Oil Strainer should be cleaned in accordance with periodic maintenance chart.

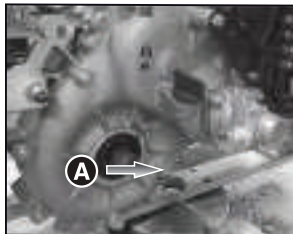
B. Oil Filter

- Replace the oil filter element assembly at every 5,000km. Ensure Engine oil level confirms to maximum level indicated of dipstick on replacement of oil filter.

3.4 Differential Oil-Checking & Replacement



A. Differential Oil level bolt



Differential Oil level checking procedure:

- Place the vehicle on a level ground.
- Let the oil settle for a few minutes.
- Remove differential oil level bolt.

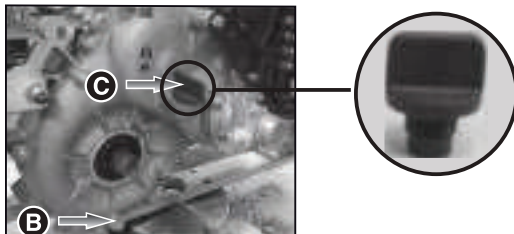
The oil level is correct, if oil just starts flowing out when bolt is removed. If oil is not flowing out i.e. Less oil level top up with specified oil till the oil starts flowing out. Fit back oil level bolt.

3.4 Differential Oil-Checking & Replacement



B. Oil drain bolt

C. Oil filler plug



Oil replacement :

Replace oil as per Lubrication Chart.

For replacing Differential oil :

- Run the engine for about 10 minutes to warm up the oil.
 - Place the vehicle on a level ground so that the oil settles down.
 - Remove oil drain plug. Let the oil drain completely.
 - Tighten the drain plug.
 - Remove oil filling plug and pour the correct quantity of recommended oil.
 - Check the oil level.
 - Fit back oil filler plug. Ensure that there is no oil leakage.
-

3.5 Recommended Oil Grade and Quantity



Recommended Engine Oil:

Always insist on Bajaj Genuine Engine Oil for optimum engine performance. It is a specially formulated oil for vehicles with DTS-i engines.

Lubrication

Replace the oil in accordance with periodic maintenance chart.

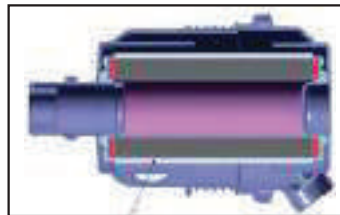
	Recommended oil grade	Quantity
Engine Oil	Bajaj Genuine Oil SAE20W/50 API JASO MA2	1600 ml.
Differential Oil	Bajaj Genuine Oil SAE20W/50 API JASO MA2	320 ml.

- Engine oil replacement frequency : 1000 Km service & then every 5,000km
- Engine oil top up frequency : at every 2,500km

NOTE

- Two different grade and brands of oil should not be mixed.
- 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.
- Dispose of drained oil properly.
- **Ensure Engine oil level confirms to maximum level indicated of dipstick on replacement of oil filter.**

3.6 Air Filter Cleaning



Air Filter Cleaning :

- Open clips of air filter assembly.
- Remove air filter element.
- Clean the air filter element by blowing air jet from inside & tapping the element on ground.
- Clean air filter housing by air jet and wipe it clean.
- Assemble the air filter element in the housing, fix the clips.

Air Filter (with Foam) Cleaning :

- Change Air filter element along with foam at 40k.
- Do not remove foam while cleaning Air filter element.

⚠ CAUTION

Position filter element sealing ring side towards out i.e. AF cover side. Position air filter cover outlet towards down side

3.7 Battery



Battery (12V 32Ah)

- Check and ensure that the electrolyte level is between the upper (Max) and lower (Min) level in each cell.
- If electrolyte level is below lower level in any cell, top up to upper level with distilled water only.



WARNING

Ordinary tap water is not a substitute for distilled water and will shorten the life of the battery.

- Check battery terminal voltage and Sp. gravity. Charge the battery, if required. Check connections of battery terminals and starter relay. Apply petroleum jelly on battery terminals
-

3.8 Wiper Motor



Wiper Motor

Wiper Motor :

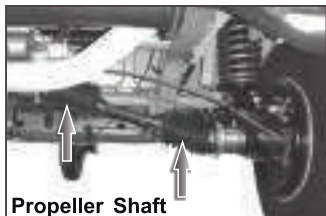
- Self parking feature is provided in the wiper motor. Wiper blade will rest in extreme left position. (When viewed from inside the cabin).



WARNING

Before washing vehicle, wrap the wiper motor with polythene sheet to prevent water entry.

3.9 Drive Shaft Slider Block / CV Shaft



CV Shaft

Propeller Shaft Greasing -

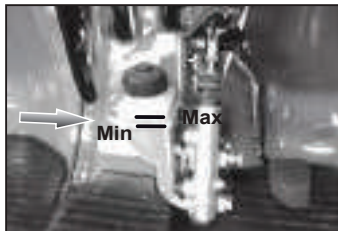
Do the Propeller shaft greasing at every 20,000 kms.

Use only following recommended grease for greasing the propeller shaft.

Bellows of propeller shaft should be kept in good condition and replaced immediately if torn.

Torn bellows will allow dust and water entry into the propeller shaft flanges which will cause damage to flanges, slider blocks and pins and reduce its life.

3.10 Brake Oil



Brake Oil container: Brake oil container is located on Master Cylinder near brake pedal. Check the brake fluid level by looking at the reservoir. Check that the fluid level is between the “Max” and “Min” lines. If the brake fluid level is near the “ Min” line, fill it up to the “MAX” line with recommended brake fluid.

CAUTION

A rapid fluid loss indicates a leak in the brake system which should be inspected by your distributor / dealer immediately. Brake fluid can harm your eyes and damage painted surfaces. Use caution when refilling the reservoir.

3.10 Brake Oil



Brake Oil

- it is advisable that the brake fluid should be replenished at least once in a year.

We recommend DOT - 3 brake fluids.

NOTE

Please note that two different brands / types of brake fluids should not be mixed together.

3.11 Free Play



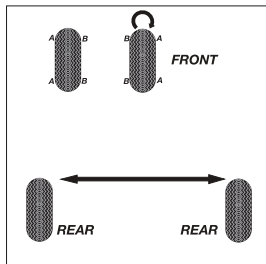
Free play for :

- a. At brake pedal : 10-15 mm
 - b. At clutch Lever : 4-5 mm
 - c. Accelerator grip : 2-3 mm
 - d. Choke cable : 2-3 mm
(at engine end)
 - e. Spark plug gap : 0.6-0.8 mm
-

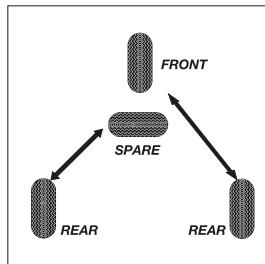
3.12 Tyre Rotation



Sequence -1 ➡



← Sequence -2



Tyre rotation : The wheels are interchangeable provided they are correctly inflated. To even out tyre tread wear it is recommended to rotate it after every 5,000 km and inflate it to the specified pressure. The best tyres should always be kept at the rear wheels which are driving wheels, thereafter follow the sequence of rotation.

Sequence -1 After 5,000 ,15,000----- *km*

Change front tyre face & interchange rear wheels as shown

Sequence -2 After 10,000 ,20,000----- *km*

Interchange Front & rear right wheel ,spare & rear left wheel as shown

3.12 Tyre Rotation



Tyre Pressure : Keep appropriate tyre pressure as mentioned below to increase life of the tyre and for better fuel consumption.

Front	2.1 kg/cm ² (30 PSI)
Rear	2.4 kg/cm ² (34 PSI)

Tyre Size : 4.00 - 8, 4/6 PR (All four tyres)

Notice



For faster response, please furnish the following details in e-mail / written communication to DPMC.

- Contact Details (Customer Name & Add. Ph./Mob. No)
- Vehicle Details (Engine No., Chassis No., Registration No., Make and Purchase Date)
- Nature of Complaint in Brief

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

**For optimum performance
of vehicle**

**For prolonged life of
components & vehicle**

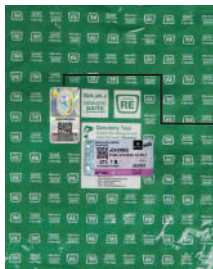
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maintenance cost**

For rider's safety

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