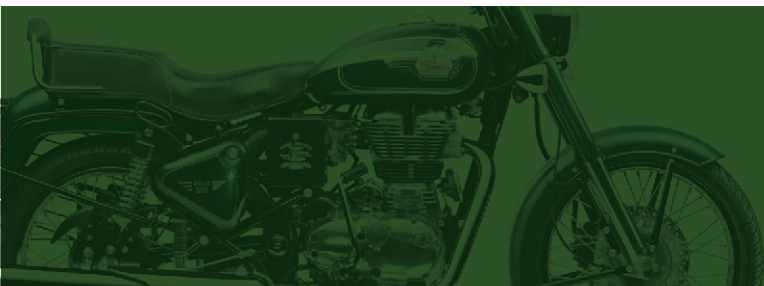


**ROYAL ENFIELD**  
[royalenfield.com/bullet500](http://royalenfield.com/bullet500)

trip<sup>↗</sup>



**BULLET 500CC**  
**OWNER'S MANUAL**



---

---

Congratulations on becoming the proud owner of a legendary Royal Enfield motorcycle.

The new Bullet 500 is a motorcycle with the timeless handcrafted design of the legendary Bullet, now fitted with a solid 500cc Unit Construction Engine with twin-spark ignition for better combustion, superior power delivery and improved fuel economy.

Do read this manual thoroughly before you begin riding to ensure that you operate your motorcycle the right way, are aware of the terms and conditions of warranty, and know how to maintain it properly.

We urge you to avail of the four free services we offer, at the right time, at any of our Authorised Dealer / Service Point to keep your motorcycle in peak condition.

Please log on to [www.royalenfield.com](http://www.royalenfield.com) to know more about the history of the world's oldest motorcycle brand, our other products, and for exciting news of riding tours and events organised for Royal Enfield motorcycle owners.

**Welcome to motorcycling the Royal Enfield way. Ride safe and enjoy the trip!**

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## IMPORTANT NOTICE

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- Keep this manual in a convenient place for easy reference.
- If any information is not understood in the manual contact your Authorised Dealer / Service Point for assistance.
- If the motorcycle is being used by any friend, relatives, or others it is responsibility of the owner to make certain that the owner's manual is read and fully understood prior to usage and has been instructed on it's safe and proper use.
- The motorcycle is designed for normal on road use only. Operation in off-road usage in some areas may be illegal and could be dangerous. *Obey local law and regulations.*
- In the event of motorcycle being resold, it is the responsibility of the owner of the motorcycle to hand over the manual along with the motorcycle and it's documents.
- Because of continous improvements in the product and changes that may occur in the manufacturing process, subsequent to printing of this manual, it is possible some instructions, illustrations, pictures or designs found within this manual may differ from those found on the vehicle.
- However the technical information found within this manual was correct at the time it was approved for publication.
- Royal Enfield reserves the right to make production changes at any time without prior notice and without incurring any obligation to make same or similar changes to vehicles previously built or sold.

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Part No. 584639/α / Qty.1000 / Mar. '13

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## IMPORTANT NOTICE

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### SAFETY DEFINITIONS

Statements in this manual preceded by the following words are of special significance :



#### WARNING

Warning indicates a potentially hazardous situation, which if not avoided, could result in serious injury.

### CAUTION

Caution indicated a potentially hazardous situation, which if not avoided, may result in property damage, in minor or moderate injury.

### NOTE

Indicates important and useful messages for clearer understanding.

All Images shown are for reference to explain and need not to be exactly the same on the model you own.

However if you have any queries, clarification, suggestions/feedback, please write to us or e-mail at "customerservice@royalenfield.com".

### SERVICE HEAD QUARTERS

Royal Enfield, A Unit of Eicher Motors Limited,  
Thiruvottiyur High Road, Thiruvottiyur,  
Chennai - 600 019.

Phone : 044 - 4223 0400, Fax : 044 - 4201 1719

E-mail : customerservice@royalenfield.com

Website : www.royalenfield.com

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PERSONAL & VEHICLE INFORMATION

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Name																															
Door No./Street																															
Locality																															
City													State							Pin											
Contact Nos.	Res:						Off:						Mobile:						Email:												
Engine No.																			Battery No.												
Frame No.																			Battery make												
Reg. No.																			Licence No.												
Date of Sale													Valid till dt.																		
Model													Key No. :																		
Tyre make													Colour																		
Sold by													Dealer Code																		

Vehicle Installation Form (VIF) No.															
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## FREE SERVICE RECORD

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It is our endeavour to provide excellent service to your Bullet 500 at all times. Towards this we provide 4 free services at specific Intervals.

Please avail these services at the specified time, in any of the Royal Enfield Authorised Dealer / Service Point nearest to you and as a token of satisfactory services, kindly return the free service coupon duly filled in and signed, to the service outlet.

Availing the free services in the specified time is a prerequisite for warranty consideration. The cost of fuel, oil, grease etc. used for all free services are chargeable to the customer.

	1 <sup>st</sup> Service				2 <sup>nd</sup> Service				3 <sup>rd</sup> Service				4 <sup>th</sup> Service			
Date of Service																
Kms Covered																
Servicing Dealer's / ASP Name, Address	Dealer / ASP Rubber Stamp				Dealer / ASP Rubber Stamp				Dealer / ASP Rubber Stamp				Dealer / ASP Rubber Stamp			

### NOTE

Please ensure that the free service details are recorded in this sheet immediately after the service is carried out.

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## SAFE OPERATING RULES

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- Before operating your new motorcycle, it is your responsibility to carefully read and follow the operating and maintenance instructions detailed in this manual for your own safety, your motorcycle and that of others.
- Know and respect the rules of the road. Be a safe rider for your own safety and for other road users.
- Before starting the motorcycle, check for proper operation of brakes, clutch, gear shifter, handle bar controls, tyre pressures, fuel and oil levels.
- Use only genuine Royal Enfield spare parts and approved accessories. Use of other manufacturer's performance parts may affect the performance of your motorcycle and render the motorcycle void of warranty. See your Royal Enfield dealer for details.
- Whenever refuelling your motorcycle, please exercise utmost caution and carefully observe the following rules :
  - ★ DO NOT smoke and please ensure that there are no open flames or sparks near the motorcycle, when refuelling OR servicing the fuel system.
  - ★ Switch OFF mobile phones and other hand held electronic devices / gadgets.
  - ★ Open the fuel filler cap slowly.
  - ★ Refuel in a well ventilated area with the engine turned off.



### WARNING

Royal Enfield cautions you against the use of certain nonstandard parts such as aftermarket and custom made extended front forks or suspensions, which may adversely affect performance and handling. Removing or altering original parts may adversely affect performance and could result in an accident causing serious injury.

---

## SAFE OPERATING RULES

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- ★ DO NOT fill the tank to its brim. Please fill fuel only till the bottom of the filler neck insert, so as to leave air space in the fuel tank to allow for fuel expansion (for Spec. Ref. Page No. 20).



### WARNING

Petrol is extremely flammable and highly explosive. Use care when handling Petrol. Always stop the engine when refuelling or servicing the fuel system. Do not smoke or allow open flames or sparks near Petrol. Do not store motorcycle with Petrol in the tank, within the home or garage where open flames, pilot lights, sparks or electric motors are present. Inadequate safety precautions could cause an explosion or fire which could result in damage to property, serious injury.

- A new motorcycle must be operated according to the special break-in-procedure. See BREAK-IN-THE FIRST 500KM section.
- Operate motorcycle only at moderate speeds and out of traffic until you have become thoroughly familiar with its operation and handling characteristics under all conditions.
- DO NOT exceed the legal speed limit or drive too fast for existing conditions. Always reduce speed when poor driving conditions exist. High speed increases the influence of any other condition affecting stability and increases the possibility of loss of control.

### NOTE

If you are an inexperienced rider we recommend that you obtain formal training on correct motorcycle riding techniques and become thoroughly familiar with the operation of your particular motorcycle. New riders should gain experience under various conditions while driving at moderate speeds.

---

## SAFE OPERATING RULES

---



### WARNING

Avoid overspeeding and never travel over the speed limit. Excessive speed may cause loss of control and could result in an accident causing serious injury.

- DO NOT exceed >110 km/h solo riding.
- DO NOT exceed >90 Km/h when carrying a pillion or cargo.
- Pay strict attention to road surfaces and wind conditions. Any two wheeler vehicle may be subject to the following upsetting forces :
  - ★ Wind blasts from passing trucks.
  - ★ Rough uneven road surfaces.
  - ★ Slippery road surfaces.


These forces may affect the handling characteristics of your motorcycle. If this happens, reduce speed and guide the motorcycle with a relaxed grip to a controlled condition. Do not brake abruptly or force the handlebar.

- Operate your motorcycle defensively. Remember, a motorcycle does not afford the same protection as an automobile in an accident. One of the most common accident situations occurs when the driver of the other vehicle fails to see or recognize a motorcycle and turns into the oncoming motorcyclist.
- Wear an approved helmet, clothing, and foot gear suited for riding a motorcycle. Bright OR light colors are best for greater visibility in traffic, especially at night. Avoid loose, flowing garments and scarves.
- When carrying a pillion rider, it is your responsibility to instruct them on proper riding procedures.
- DO NOT allow other individuals, under any circumstances, to operate your motorcycle unless you know they are experienced, licensed riders and are thoroughly familiar with the operating conditions of your motorcycle.


---

## SAFE OPERATING RULES

---

 **WARNING**

Maintain the recommended tyre pressure. Ensure the front and rear wheels are correctly aligned and the tyres are seated evenly & properly in the rims. Check for correct tightness of the spokes in the rims. Inspect your tyres periodically and replace tyres with approved tyres only. Failure to do so can lead to improper balance, abnormal tread wear, poor handling and could result in serious injury.

 **WARNING**

Royal Enfield recommends replacement of any tube / tyre punctured or damaged. In some cases small punctures in the tread area may be repaired from within the demounted tyre by your Royal Enfield dealer. Speed should not exceed 60 km/h for the first 24 hours after repair and the repaired tyre should Never be used over 90 km/h (applicable tube less tyre)

In emergency situations, if a temporary repair is made ride slowly with as light a load as possible until the tyre is permanently repaired or replaced.


Failure to heed this warning could result in serious injury.

- Safe motorcycle operation requires alert mental judgement combined with a defensive driving attitude. **DO NOT allow fatigue, alcohol or drugs to endanger your safety or that of others.**
- **Maintain your motorcycle in proper operating condition as per Periodical Maintenance Chart (Ref Page No.40). Particularly important to motorcycle stability is proper tyre inflation pressure, tread condition. Pay strict attention to loose and / or broken spokes, free movement of steering system.**

---

## SAFE OPERATING RULES


---

 **WARNING**

DO NOT operate motorcycle with a loose, worn or damaged steering system, including the front and rear suspension system. Contact your dealer for repair of steering or suspension system. Damaged steering or suspension components may adversely affect handling which could result in serious injury.

 **WARNING**


Regularly inspect rear shock absorbers and front forks and look for leaks. Replace worn parts. Worn parts can adversely affect stability and handling.

 **WARNING**


For your personal welfare, all the listed service and maintenance recommendations should be performed. Lack of regular maintenance at the suggested intervals may affect the safe operation of your motorcycle, which could result in serious injury.

 **WARNING**

Avoid any contact with the exhaust system. Wear clothing that will completely cover the legs while riding. The exhaust system gets very hot when the engine is running and remains too hot, even after the engine is turned off (due to catalytic converter). Failure to wear proper or protective clothing could result in serious injury.

 **WARNING**

Exhaust gases contains poisonous carbon monoxide (CO.) and chemicals, known to cause serious health hazards.

 **WARNING**

Motorcycle batteries contain lead and lead components, acids and chemicals known to cause serious health hazards. Exercise extreme caution while handling a battery. Wash hands thoroughly whenever a battery is handled.


---

## SAFE OPERATING RULES


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 **WARNING**

Consult your Royal Enfield Dealer regarding any questions or problems that occur in the operation of your motorcycle. Failure to do so may aggravate an initial problem, cause costly repairs, jeopardize your personal safety and could result in serious injury.


 **WARNING**

Use only genuine Royal Enfield replacement fasteners tightened to the proper torque. We caution you against the use of certain non standard parts such as aftermarket and custom made fasteners which may not have specific strength, finish and type requirements to perform properly in the assembly and its environment. The use of any nonstandard parts, including fasteners, could result in serious injury.


 **WARNING**

DO NOT exceed the Gross Vehicle Weight Rating of your motorcycle. The Gross Vehicle Weight Rating (GVWR) is shown on the information plate, located

on the frame Down tube. (GVWR is the sum of the weight of the motorcycle, accessories, and the maximum weight of the rider, passenger and cargo that may be safely carried.) Exceeding GVWR may lead to instability of the motorcycle, which could cause an accident and result in serious injury.

 **WARNING**

DO NOT tow a disabled motorcycle. The steering and handling of the disabled motorcycle will be impaired due to the force of the towline. If a disabled motorcycle must be transported, use a truck or a trailer. Towing a motorcycle may cause loss of control of the motorcycle in the front, leading to an accident resulting in serious injury .


 **WARNING**

DO NOT pull a trailer behind a motorcycle. Towing a trailer may cause reduced braking efficiency, tyre overloading and unstable handling. Towing a trailer may cause loss of control of the motorcycle in the front, leading to an accident resulting in serious injury.

---

## RULES OF THE ROAD

---

- Be sure front & rear number plates is installed in the position specified by law and is clearly visible at all times.
  - Ride at a safe speed that is consistent with the type of road surface you are on. Pay strict attention to whether the surface is :
    - ★ Dry      ★ Oily
    - ★ Icy      ★ Wet
  - Watch for loose debris, such as leaves, slippery substances or loose gravel that can hamper the stability of your vehicle.
  - DO NOT exceed the legal speed limit or drive too fast for existing conditions. Always reduce speed when poor driving conditions exist. High speed increases the influence of any other condition affecting stability and increases the possibility of loss of control.
-  **WARNING**  
Avoid excessive speed and never travel at a speed faster than the speed limit. Excessive speed may cause loss of control of vehicle, which could result in death or serious injury.
- Keep to the correct side of the road centre line when meeting oncoming vehicle.
  - Always sound your horn, actuate your turn signals, and exercise CAUTION when passing other vehicles going in the same direction. Never try to pass another vehicle going in the same direction at street intersections, on curves, or when going up/or down a hill.
  - At street intersection give the right-of-way to the vehicle on your left or right. DO NOT presume you have the right-of-way.
  - Always signal when preparing to stop, turn or pass.
  - While turning either right or left, watch for pedestrians, animals as well as vehicles.
  - All traffic signs, including manual controls at intersections, should be obeyed promptly. SLOW DOWN at traffic signs near schools and CAUTION signs at railroad crossings.



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## RULES OF THE ROAD

---

- When intending to turn, signal at least 100 feet (30.5 meters) before reaching the turning. Be close to the center line (unless local rules require otherwise), slow down and then turn carefully.
- Never jump a traffic light. When a change is imminent from GO to STOP (or vice versa) at intersections, slow down and wait for the light to change to green. Never run through a yellow or red traffic light.
- DO NOT leave the curb or parking area without signaling. Be sure your way is clear to enter moving traffic. A moving line of traffic always has the right-of-way.
- Park your motorcycle on a firm and flat surface to prevent it from falling over.
- Protect your motorcycle against theft. After parking your motorcycle, remove Ignition key from switch and lock the steering head.



---

### SIDE VIEW MIRRORS

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Your motorcycle is equipped with convex mirrors and have a curved surface. This type of mirror is designed to give a much wider view to the rear than a flat mirror; however, cars and other objects seen in this type of mirror will look smaller and farther away than when seen in a flat mirror.

Use care when judging the size or distance of objects seen in these mirrors.

#### NOTE

To help you establish the relative distance of vehicles behind your motorcycle, adjust each mirror in such a way, that a small portion of your shoulder is visible and a large portion behind your motorcycle is seen clearly.

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## TECHNICAL SPECIFICATIONS

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### ENGINE

---

Engine .....	Single Cylinder, 4 Stroke, Twinspark, Aircooled
Capacity .....	499 cc (Displacement)
Bore .....	84 mm
Stroke .....	90 mm
Compression ratio .....	8.5 : 1
Max. Power @ RPM .....	26.1 BHP @ 5100 rpm
Max. Torque @ RPM .....	40.9 Nm @ 3800 rpm
Air Filter Element .....	Corrugated Paper Element
Fuel Supply .....	Carburetor with Throttle Position Sensor (TPS)
Engine Start .....	Electric / Kick
Engine Oil Capacity .....	2.75 Litres.
Lubrication .....	Wet Sump, Forced Lubrication
Engine Oil Grade .....	Royal Enfield 15W50 API SL Grade Engine Oil (JASO MA)
Cooling system .....	Natural Air Flow
Carburetor .....	UCD 33

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## TECHNICAL SPECIFICATIONS

---

### IGNITION SYSTEM

---

Ignition system .....	TCI Unit, Multi Curve (Variable Ignition Timing)
Spark plug .....	WQR8DC (Bosch Super) M14 & UR6DC (Bosch Super) M10
Spark plug Electrode gap .....	WQR8DC 0.80 to 0.90 mm UR6DC 0.70 to 0.80 mm

---

### TRANSMISSION

---

Clutch .....	Wet Multiplate (7 Plates Clutch)
Primary drive .....	Duplex Chain
Primary Drive Ratio .....	2.15 : 1
Gear box .....	5 Speed Constant Mesh
Gear shift pattern .....	1 - N - 2 - 3 - 4 - 5
Gear Ratios .....	1st-3.06:1 2nd-2.01:1 3rd-1.52:1 4th-1.21:1 5th-1:1
Secondary Drive (F.D. Sprocket) .....	18 Teeth
Final Ratio .....	2.11 : 1
Drive Chain links .....	102 links

---

## TECHNICAL SPECIFICATIONS

---

### ELECTRICALS

---

Generation .....	Alternator
System .....	12V DC
Battery .....	12V - 14 AH
Head lamp .....	12V, 60/55 W, Halogen
Position lamp .....	12V, 4W
Brake / Tail lamp .....	12V, 21/5 W
Turn signal .....	12V, 10W - 4 nos.
Pilot lamp .....	12V, 2 W - 2 nos.
Speedometer lamp .....	12V, 3.4 W - 1 no.
Turn signal / High beam indicator .....	12V, 1.7 W - 2 nos.
Neutral Indicator .....	12V, 1.7 W - 1 no.
Horn (Dual) .....	12V, 2.5 Amp (Max.) X2
Starter Motor .....	12V, 0.9 KW



#### WARNING

Using bulbs / other electrical gadgets other than specified rating may lead to over loading / erratic behaviour / premature failure of electrical system.

Modifications on the bike which are not approved by Royal Enfield may not only disqualify for warranty, but also affects performance of the bike.

---

## TECHNICAL SPECIFICATIONS

---

### CHASSIS

---

Frame .....	Tubular Frame
Tyre size .....	Front: 90 / 90 - 19" - 52 P    Rear: 120 / 80 - 18" - 62 P
Tyre pressure .....	Front- Solo: 1.41 Kg/cm <sup>2</sup> (20 PSI) Pillion: 1.55 Kg/cm <sup>2</sup> (22 PSI)
.....	Rear- Solo: 2.11 Kg/cm <sup>2</sup> (30 PSI) Pillion: 2.25 Kg/cm <sup>2</sup> (32 PSI)
Fuel tank capacity .....	13.5 Litres ***
Reserve capacity .....	2 Litres (approx.)
Dead stock of petrol (unusable fuel) ..	0.75 Litres (approx.)
Suspension .....	Front: Telescopic, 130mm Travel
.....	Rear: Twin gas charged shock absorbers, 80mm travel
Front fork oil capacity .....	195 ml per leg
Front fork oil.....	1F Endurance (or Royal Enfield) fork oil
Brakes .....	Front : Hydraulic 280 mm Ventilated Disc
.....	Rear : Foot Operated 153mm Single Lead Internal expanding
Brake oil capacity .....	60 ml
Brake oil grade .....	DOT 3 or DOT 4

\*\*\*Fuel tank is not a measuring instrument. The capacity of tank may vary slightly from specified value.

---

## TECHNICAL SPECIFICATIONS

---

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### DIMENSIONS

---

Length .....	2140 mm
Width .....	810 mm (Without Mirror)
Height .....	1110 mm (Without Mirror)
Wheel base .....	1370 mm
Saddle height .....	800 mm
Ground clearance .....	135 mm

---

### WEIGHTS

---

Kerb Weight (with 90% Fuel) .....	193 Kg
Max pay load .....	172 Kg

---

### NOTE

1. Values / Dimensions given above are for your guidelines only.
2. In view of continuous improvements being done on our products, the specifications are subject to change without notice.

---

## VEHICLE IDENTIFICATION NUMBER - DETAILS

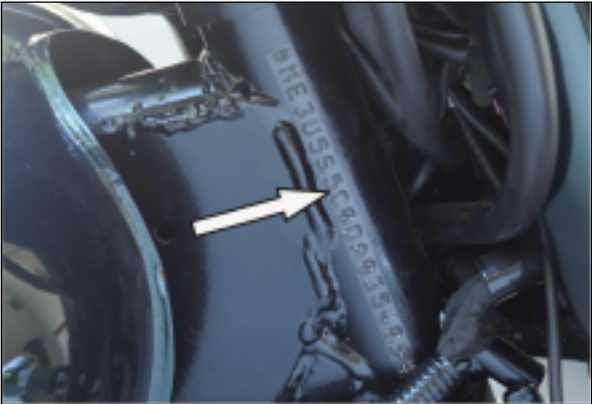
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### FRAME NUMBER

---

Punched on steering head tube RH side.

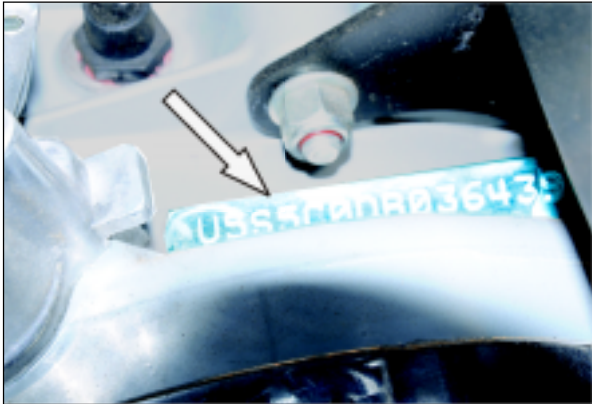


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### ENGINE NUMBER

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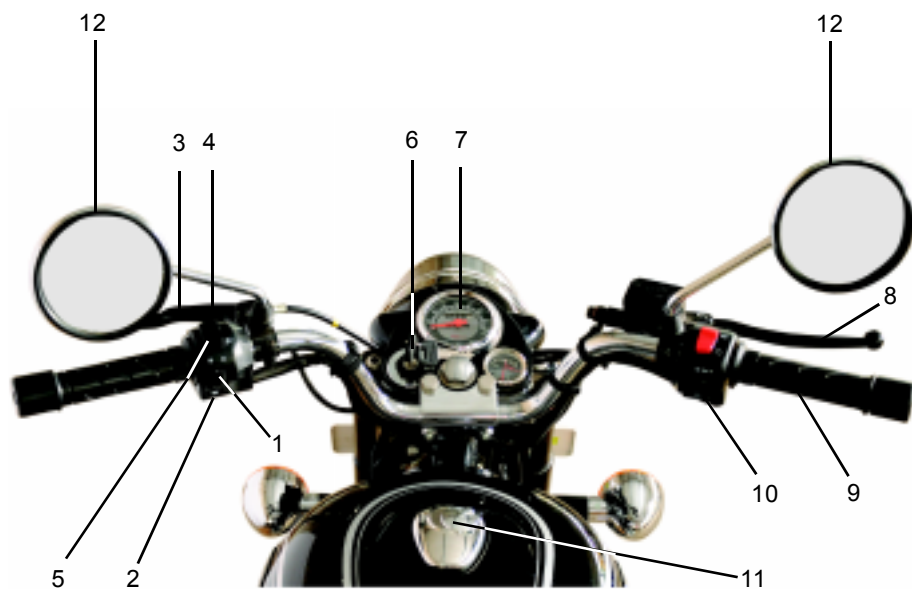
Punched on top of the engine LH side.



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## KEY PARTS LOCATION

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### TOP VIEW

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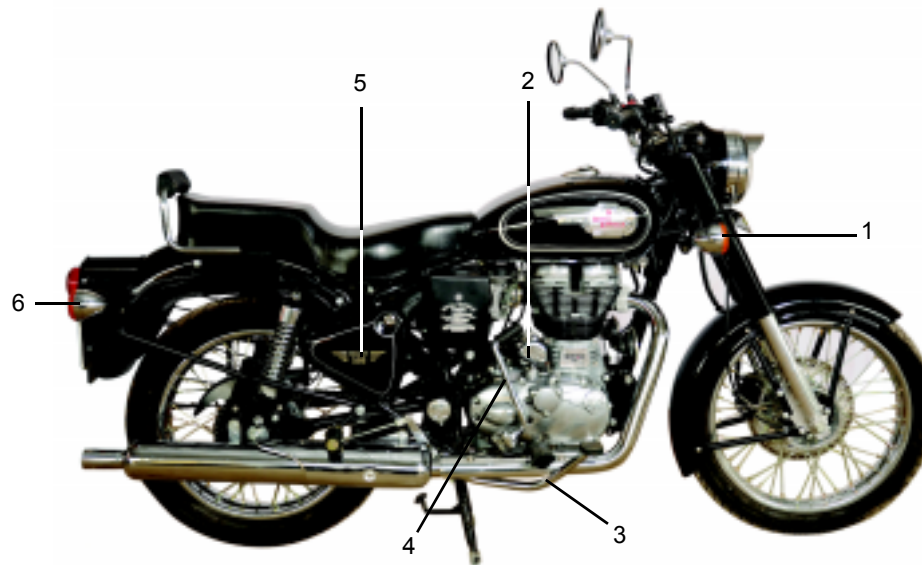
1. Turn signal switch
2. Horn button
3. Clutch lever
4. Day flash switch
5. Head lamp dip switch
6. Ignition switch
7. Speedometer
8. Front brake lever
9. Accelerator
10. E-Start Switch
11. Fuel tank cap
12. Rear View Mirror



---

## KEY PARTS LOCATION

---



---

### RIGHT SIDE VIEW

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1. RH Trafficator Front
2. Starter Motor
3. Brake Pedal
4. Kick Starter Lever
5. Airfilter Box
6. RH Trafficator Rear

---

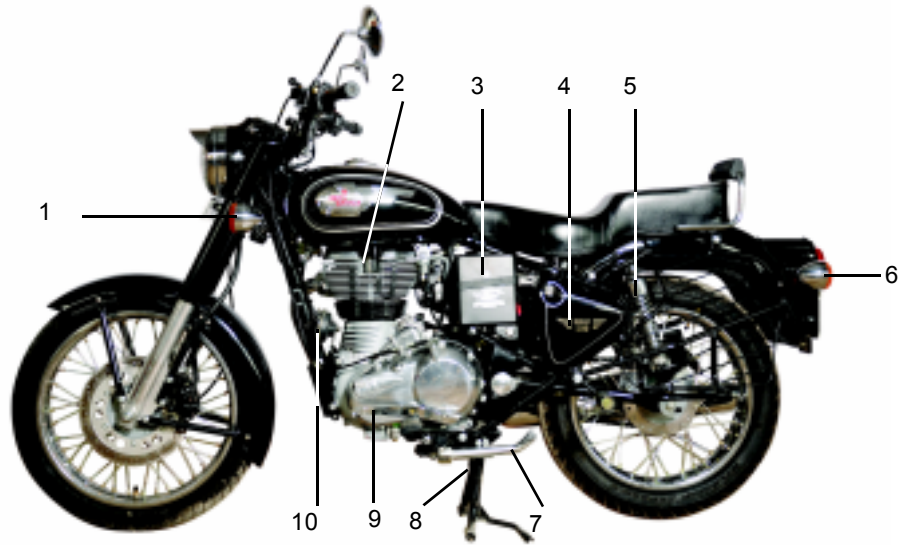
## KEY PARTS LOCATION

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---

### LEFT SIDE VIEW

---



1. Trafficator Front LH
2. Spark Plug
3. Battery Cover
4. Electricals Box LH
5. Rear Shock Absorber
6. Trafficator Rear LH
7. Side Stand
8. Centre Stand
9. Gear Change Lever
10. Horn

---

## OPERATION OF CONTROLS

---

### IGNITION SWITCH

OFF



ON



### STEERING LOCK

Turn key clockwise to lock.

Lock the steering when leaving bike parked.



Turn key anti clockwise to unlock.

#### CAUTION

Protect your motorcycle against theft. After parking your motorcycle, remove the ignition key from switch and lock the steering head.



Turn handle bar to extreme left, before attempting to lock steering.

Do NOT lubricate barrel locks with petroleum based lubricants or graphite. Inoperative locks may result in damage to your vehicle.

---

## OPERATION OF CONTROLS

---

### FUEL TANK CAP

- Turn key clockwise to open



- Press cap to lock with key in position

### NOTE

Key can be removed only in locked position.

### SIDE BOX

#### AIR FILTER BOX RH

Turn Key anti-clockwise to open



#### SIDE BOX LH

Turn Key anti-clockwise to open, it contains Tools Kit & Fuse



### NOTE

- Key is common for ignition, petrol tank cap, steering lock, side boxes and battery cover.
- Key for fuel tank and tool boxes can be removed from the lock only in locked position.

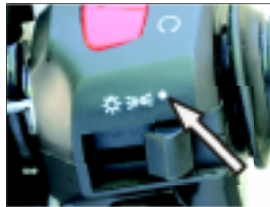
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## OPERATION OF CONTROLS

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### HEAD LAMP SWITCH

OFF



Pilot Light ON



Head Light ON

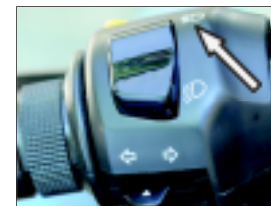


### DIP SWITCH

Low beam



High Beam



### HEAD LAMP DAY FLASH

Press for  
Headlight Flash



---

## OPERATION OF CONTROLS

---

### ENGINE KILL SWITCH

Run

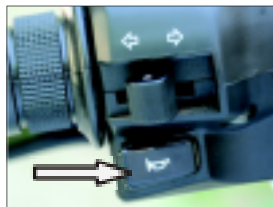


Stop



### HORN

Press

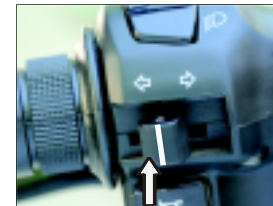


### TURN SIGNAL SWITCH

Left



OFF (Push to off)



Right



---

## OPERATION OF CONTROLS

---

### ENGINE START SWITCH

Press



### BATTERY BOX

Turn anti clockwise  
to open



### FUEL TAP

OFF

Turn knob to  
horizontal position



Main ON

Turn knob  
downward position



Reserve ON

Turn knob upward  
position



---

## PRE OPERATIONAL CHECKS

---

A careful check of the following must be carried out every time before riding and specially after long periods of storage to determine if additional maintenance is necessary.

1. Tyres for correct pressure, abrasions or cuts.
2. Rear chain for proper tension.



3. Brakes, steering and throttle for responsiveness.
4. Cable for fraying or crimping and free operation.



5. Engine oil level.



6. Wheel spoke for proper tightness, no breakage.



7. Headlamp, tail lamp, brake lamp and indicator lamps for proper operation.



### WARNING

For your personal welfare and safety, all the points mentioned above should be performed periodically. Failure to do so, may affect safe operation and damage your motorcycle and could result in an accident causing serious injury.



---

## RUNNING IN

---

Proper running-in is very important for obtaining maximum life and performance of a new motorcycle. The following guidelines explain proper running-in procedures.

Since the engine is brand new, it should not be loaded excessively for the first 2,000 kms. During the first few hundred kms, the various parts in the engine wear and polish themselves to the correct operating clearances. Driving with prolonged full throttle operation, or any high speed conditions might result in excessive heating of the engine and cause abnormal wear of the moving parts and hence must be avoided.

1. 0 - 500 Kms :

The recommended speeds for the first 500 Kms is below 50 Km/h. During this period avoid operating the motorcycle with full throttle opening. Stop the motorcycle for about 5 to 10 minutes to let it cool down, after every hour of running. Vary the speed of the motorcycle regularly during running but avoid using the motorcycle above 1/2 throttle opening position.

2. 501 - 2000 Kms.

The recommended speed is below 80 Km/h.

Avoid driving the motorcycle with full throttle opening. Vary the speed of the motorcycle regularly but avoid using the motorcycle above 3/4 throttle opening position.

3. 2,001 kms and above

Avoid prolonged full-throttle operation. Vary speed occasionally.

### CAUTION

After covering the first 500 kms, please replace the engine oil and oil filter element.

Royal Enfield engines are air-cooled and consequently require forced air cooling over the cylinders and heads to maintain proper operating temperature. Extended periods of idling may over heat the engine, resulting in serious engine damage.

DO NOT run the engine at extremely high RPM with clutch disengaged or transmission in neutral as it can cause serious engine damage.

An engine running long distances at high speed must be given close attention to avoid over heating and possible engine damage.

---

## STARTING

---

### STARTING PROCESS (KS / ES)

---

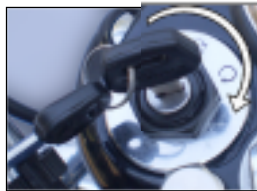
- Turn fuel tap to 'ON'



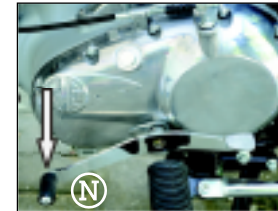
- Use choke in cold condition



- Switch on ignition.



- Ensure Engine stop switch is in "RUN" position
- Ensure the side and main stands are in released position
- Ensure that gears are in neutral and neutral lamp is glowing in cluster box.



#### CAUTION

Do not force the gear lever while attempting to shift to neutral. Move the motorcycle back & forth and simultaneously press gear lever to come to neutral. Ensure neutral indicator light comes "ON" in the Speedometer.

#### WARNING

Before starting engine, always shift gears into neutral.

---

## STARTING

---

---

### USING KICK START

---

- Slightly crank the engine further till compression eases over.
- Start the motorcycle with a powerful swinging kick.
- Release the choke, if applied



- Press Starter Button and release as soon as engine starts.
- Release the choke, if applied



---

### USING ELECTRIC START

---

- Press Clutch Lever.



### NOTE

- A clutch switch is provided in the system for the safety of the rider. This is to prevent the vehicle from starting when the vehicle is in gear. To start the engine when it is in gear, pull clutch lever, press starter button and release as soon as the engine starts.
- Press starter button and release starter switch once the engine starts.
- If the engine does not start on the first attempt in cold climate, release the starter button, wait for 30 seconds before pressing the starter button again.

---

## GEAR SHIFTING

---

- Warm up engine for 2 minutes - till idling is consistent/stable



GEAR SHIFT PATTERN  
1—N—2—3—4—5

- Press clutch lever towards the hand grip.
- Press gear pedal with toe to engage 1st gear.
- Gently open throttle and release clutch simultaneously. If clutch is released suddenly, the engine may stall and cause a jerky start.

### CAUTION

The clutch must be fully disengaged before attempting a gear shift. Failure to fully disengage the clutch may cause a jerky start and / OR stalling the engine besides causing damage to transmission parts.

- Press the gear pedal with heel to engage 2nd and higher gear.



- Follow the same procedure for 3rd, 4th and 5th gear.



### NOTE

Always move the motorcycle in first gear position only.

When engine speed decreases, while climbing a gradient or running at a reduced speed, shift to the appropriate lower gear to prevent the engine from stalling or straining to pull.

---

## PARKING

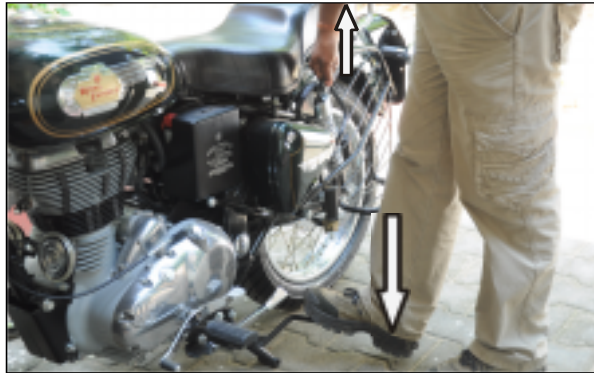
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### PARKING VEHICLE ON CENTER STAND

---

- Select a firm, flat surface
- Hold handle bar straight
- Lower center stand, and ensure that both the legs of the stand are resting evenly on firm ground.
- Apply pressure on the fulcrum lever on the center stand and pull vehicle backwards, gently as shown in pic.

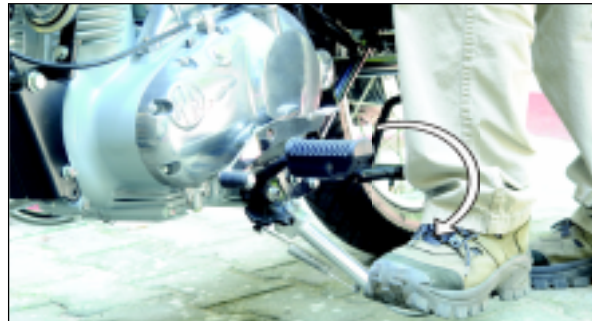


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### PARKING VEHICLE ON SIDE STAND

---

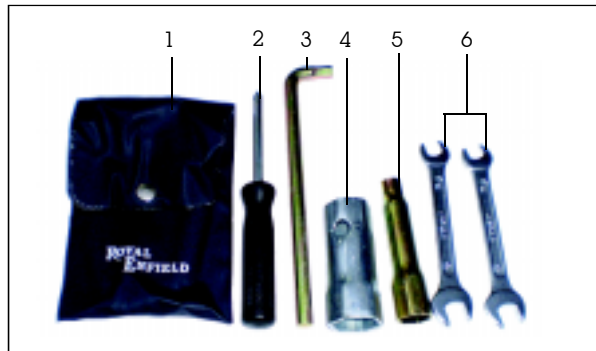
- Select a firm, flat surface
- Lower Side Stand and gently tilt motorcycle to the left till it rests firmly.



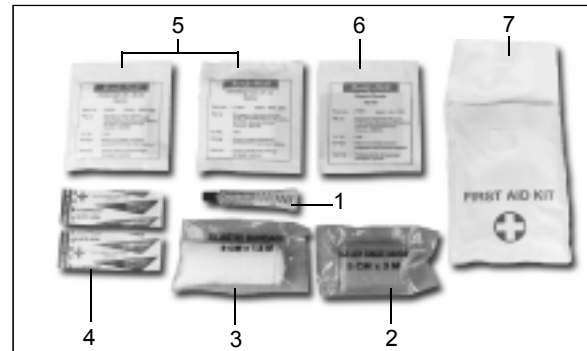
#### WARNING

Always park the motor cycle on a firm and flat surface. Parking in a soft ground may cause stand to sink and the motorcycle to fall, causing injury to you or to others and damage to the motorcycle parts.

## TOOLS & FIRST AID KIT



S.No.	Description	Qty.
1.	Tool bag	1
2.	Screw driver	1
3.	Tommy bar	1
4.	Tubular spanner	1
5.	Tool Spark plug	1
6.	Double end spanner 10 X 12	2




S.No.	Description	Qty.
1.	Antiseptic cream 5 gms	1
2.	Gauze bandage 5 cm x 2 cm	1
3.	Elastic Gauze bandage 8 cm x 1 mtr.	1
4.	Wash proof plaster 1.9 cm x 7.2 cm	2
5.	Sterilized Gauze Swab 5 cm x 5 cm	2
6.	Sterilized elastic plaster 7 cm x 6 cm	1
7.	First aid kit pouch	1

### NOTE

This Tool Kit is kept in Tool box. Refer Page No. 27.

## RECOMMENDED LUBRICANTS

Engine Oil	
Grade	Royal Enfield 15 W 50 API SL Grade Engine Oil (JASO MA)
	
Capacity	2.75 Ltrs. (with oil filter) 2.50 Ltrs. (during oil replacement)

Front Fork Oil		Brake Fluid	
Grade	Royal Enfield Front Fork Oil (or 1F Grade Endurance)	Grade	DOT 3 or DOT 4
Capacity	195 ml/leg	Capacity	60ml

ISO 14001 – EMS Operation Control Process
<ol style="list-style-type: none"> <li>1. All customers are advised timely replacement of Engine Oil, Fork Oil &amp; Brake Oil at the dealership /ASP. In case done privately, it is advise to reach old/used Oil to our authorised vendor through RE Dealer/ASP</li> <li>2. Similarly we advise for disposal of old/used Battery, Tube &amp; Tyres as mentioned in above point No.1.</li> </ol>

**⚠ WARNING**

DO NOT switch oil brands indiscriminately because some oil interact chemically when mixed. Use of inferior oils or non-detergent oils can damage the engine.

DO NOT Mix DOT 3 & DOT 4 brake fluid together.

---

## PERIODICAL MAINTENANCE

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The maintenance schedule detailed here will help you to maintain your Royal Enfield motorcycle meticulously and to get a long trouble free service. The schedule provided herein is based upon average riding conditions and indicates the mileage at which regular inspections, adjustments, replacements and lubrications must be carried out.

The frequency of the maintenance must be shortened depending upon the severity of the driving condition OR if the motorcycle is used in a very dusty environment, severe climatic cold and hot conditions, bad roads, stagnant water etc., Contact a nearest Royal Enfield Authorised Dealer / Service Point for expert advice and to carry out the periodical maintenance.



### WARNING

For your personal welfare, all the listed service and maintenance recommendations should be performed. Lack of regular maintenance at the suggested intervals may affect the safe operation of your motorcycle causing the motorcycle to malfunction and stall abruptly resulting in an accident and cause serious injury.



## PERIODICAL MAINTENANCE

S. No.	DESCRIPTION	FREE SERVICE whichever is earlier				PAID SERVICE							
		Kms (x 1000)	0.5	3	6	9	12	15	18	21	24	27	30
	Months	1.5	3	6	9								
1	Engine Oil	R	I	R	I	R	I	R	I	R	I	R	
		Check level every 1000 Kms or earlier as required											
2	Engine oil filter paper element	R		R		R		R		R		R	
3	Engine suction filter & secondary drain magnetic plug	C		C		C		C		C		C	
4	Spark plugs (2 nos.)	C,A	C,A	C,A	C,A	C,A	R	C,A	C,A	C,A	C,A	R	
5	HT leads for crack	I	I	I	I	I	I	I	I	I	I	I	
6	Carburetor	Clean, Inspect and Tune at every 6000 Kms. of run <small>Replace with minor kit</small>											
7	Fuel Tap / Filter	C		C		C		C		C		C	
8	Fuel tank			C		C		C		C		C	
9	Fuel hose / pipe	I	I	I	R	I	I	I	R	I	I	I	
10	Accelerator & Carburetor cable play adjustment	A	A	A	A	A	A	A	A	A	A	A	
11	Rubber hose, Air filter to Carburetor	I	I	I	I	R	I	I	I	R	I	I	

A : Adjust      C : Clean      D : De-carbonise      I : Inspect      L : Lubricate      R : Replace

## PERIODICAL MAINTENANCE

S. No.	DESCRIPTION	FREE SERVICE whichever is earlier				PAID SERVICE							
		Kms (x 1000)	0.5	3	6	9	12	15	18	21	24	27	30
	Months	1.5	3	6	9								
12	Rubber hose, Adaptor	I	I	I	I	R	I	I	I	R	I	I	
13	Exhaust system												D
14	Air filter element	C	C	C	C	R	C	C	C	R	C	C	
15	Inlet / Exhaust valve seating						I						I
16	Clutch lever free play	Check & Adjust every 1000 Kms or earlier as required											
17	Cylinder head (Combustion chamber)												D
18	Hand levers & kick starter lever pivot	Lubricate every 1000 Kms or earlier as required											
19	PAV pipes & hose clip	I	I	C	I	C	I	C	I	C	I	C	
20	Rear brake pedal pivot	L	L	L	L	L	L	L	L	L	L	L	
21	Battery terminals (apply petroleum jelly)	C	C	C	C	C	C	C	C	C	C	C	
22	Battery Electrolyte level	I	I	I	I	I	I	I	I	I	I	I	
23	Earth wire eyelet (behind battery carrier)					I							I
24	Front Fork oil / leak		I		R		I		R		I		

A : Adjust      C : Clean      D : De-carbonise      I : Inspect      L : Lubricate      R : Replace

## PERIODICAL MAINTENANCE

S. No.	DESCRIPTION	FREE SERVICE whichever is earlier				PAID SERVICE							
		Kms (x 1000)	0.5	3	6	9	12	15	18	21	24	27	30
	Months	1.5	3	6	9								
25	Rear Wheel Drive Chain	Adjust for every 1000 Kms / Clean, Lubricate & Adjust every 3000 kms or earlier as required											
26	Rear brake pedal free play	Adjust every 1000 Kms or earlier as required											
27	Rear brake cam			L		L		L		L		L	
28	Steering ball races / play adjustment			A		L		A		L		A	
29	Spokes tightness & Wheel rim run out	I		I		I		I		I		I	
30	Swing Arm pivot bush & spacer			L		L		L		R		L	
31	Tyre wear (Front & Rear)		I	I	I	I	I	I	I	I	R	I	
32	Brake Fluid (Disc brake)	I	I	I	I	R	I	I	I	R	I	I	
33	Pivot-Side Stand, Center Stand, Pillion foot rest	L	L	L	L	L	L	L	L	L	L	L	L

A : Adjust      C : Clean      D : De-carbonise      I : Inspect      L : Lubricate      R : Replace

### NOTE

For maintenance after 30,000 Kms, please repeat the same frequency levels specified above, in consultation with a Royal Enfield Authorised Dealer / Service Point.

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## MINOR MAINTENANCE TIPS

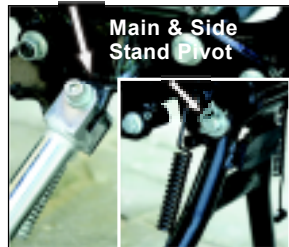
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The following minor maintenance can be carried out easily with simple tools. However, In case, if it is felt that the adjustments are best done by an expert, we recommend that the motorcycle be taken to a nearest Royal Enfield Authorised Dealer / Service Point.

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### CONTROL CABLES, HANDLE LEVER, PIVOTS, CENTER / SIDE STAND PIVOTS

---

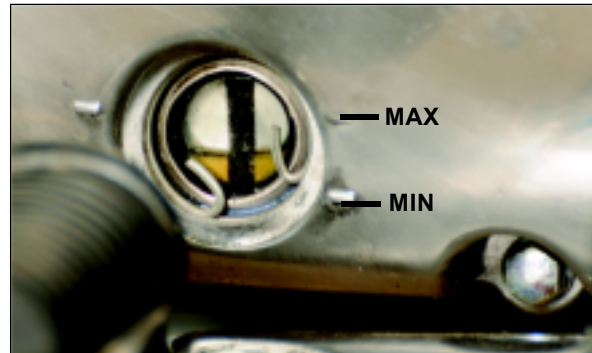


- Lubricate after using the motorcycle in rain, after water wash or if used in dusty conditions.
- Wipe the area free of dirt / grease.
- Apply a few drops of oil on the pivots.

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### ENGINE OIL LEVEL INSPECTION

---



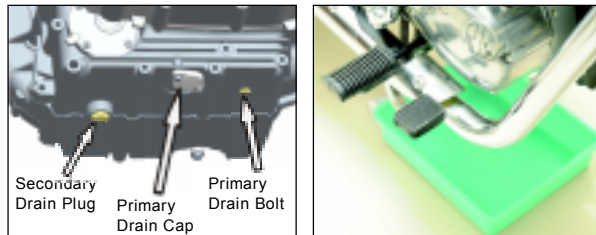
- Place motorcycle on its center stand on a firm surface.
- Warm up engine for a few minutes & switch off.
- The level is correct if the oil level is in the middle of the oil level window.
- Top up with recommended oil if required.

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## MINOR MAINTENANCE TIPS

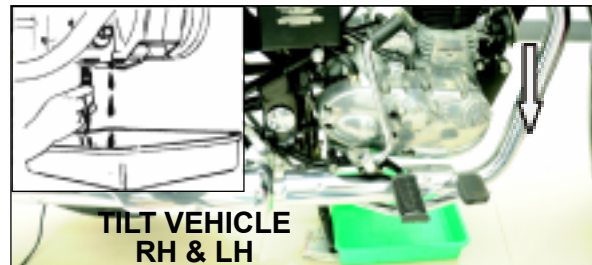
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### ENGINE OIL CHANGE



(Refer Periodical Maintenance Chart for frequency)

- Place motorcycle on its center stand on a firm flat surface.
- Start engine and warm up for 2 minutes.
- Keep a clean tray below the engine.
- Remove primary drain cap, to drain oil & clean suction filter, magnet.
- Then remove secondary drain plug to drain oil & clean the magnet.
- Finally remove primary drain bolt to drain the complete oil.



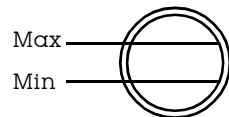
- Remove the oil filter element on the Crankcase Cover RH.
- Assembly 3 bolts and tighten them. Ensure 'O' Ring and gaskets are taken seat properly.
- Allow the oil to drain by tilting the motorcycle to both sides.

## MINOR MAINTENANCE TIPS

- Wash the primary and secondary drain plugs along with suction filter thoroughly and refit on the crankcase after all the oil is drained out.
- Soak a new oil filter element in the oil and refit on the Crankcase Cover RH.



- Fill recommended oil to engine till the oil level is upto "MAX" level mark in the oil window in Crankcase Cover RH.



### NOTE

Replace oil filter element whenever oil is being replaced.

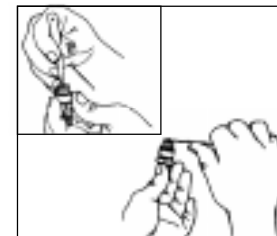
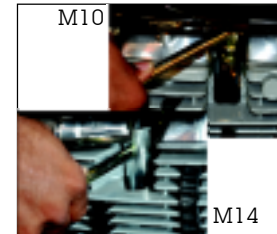
### CAUTION

Filling up oil over MAX mark may cause smoke and / or loss of power. Do NOT allow oil level to fall below MIN mark. Doing so may result in engine internal damage or malfunction.

## SPARK PLUG

Cleaning and adjusting gap (Refer Periodical Maintenance Chart for frequency)

- Remove HT Lead and the spark plug from the cylinder head using the plug spanner and tommy bar as shown in pic.
- Clean the insulator tip and electrodes of the plug carefully using a pointed scraper or spark plug cleaner.
- Set the gap between 0.70 to 0.80 mm for UR6DC & 0.80 to 0.90 mm for WQR8DC
- Refit the spark plug on the cylinder head and connect H.T. Lead.



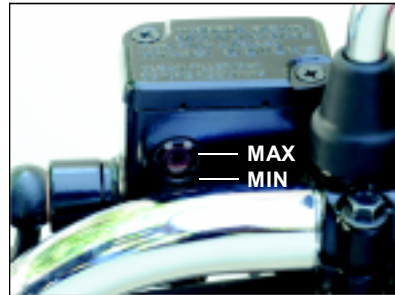
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## MINOR MAINTENANCE TIPS

---

### BRAKE FLUID

Check if oil is above 'min' level. To top up, remove cover with diaphragm and top up with either DOT 3 or DOT 4 as specified.



### CAUTION

Please take care that it does not spill over any other parts of the motorcycle. Please wipe the spilled brake fluid immediately, if there is any spill over, using a soft cloth (preferably a wet cloth) to avoid damage to paint work or other parts.

Don't mix DOT 3 & DOT 4 Brake fluid together.

### INSPECTION OF TYRES AND WHEELS

- Inspect the tyre periodically for tread wear, cracks and cuts.

Minimum tread depth :	
Front tyre : 1mm	Rear tyre : 2 mm

- Check and remove stone, splinters, nails or other particles embedded in the tyre treads.
- Bald spots / swelling may be caused by internal damage. Replace the tyres, if defective.
- Replace tyres when the tread depth has reached the minimum as specified.
- Periodically inspect wheels for spokes breakage and wheel rim run out.
- Check proper seating of the tyre beading on the rim whenever the tyre is reassembled.
- Whenever a new tyre is installed, ensure rim and spokes do not get damaged on account of using wrong levers.

---

## MINOR MAINTENANCE TIPS

---


- Use only standard tyres & tubes inflated to correct pressure.

---

### TYRE PRESSURE

---

	Front	Rear
Solo	1.41 kg/cm <sup>2</sup> (20 PSI)	2.11 kg/cm <sup>2</sup> (30 PSI)
With Pillion	1.55 kg/cm <sup>2</sup> (22 PSI)	2.25 kg/cm <sup>2</sup> (32 PSI)

 **WARNING**

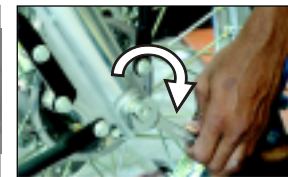
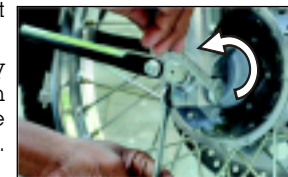
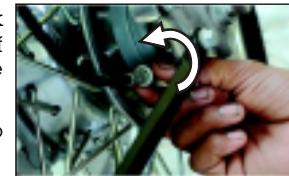
Tyres, rims and air valves must be correctly matched to wheel rims. See your Royal Enfield Dealer. Mismatching tyre, tubes, rims and air valves may result in damage to the tyre bead during mounting, allow tyre slippage on the rim and cause tyre failure.

---

### FRONT WHEEL REMOVAL

---

- Place the vehicle on center stand
- Place a wooden block the front end of engine to support the vehicle.
- Disconnect speedo cable.
- Loosen the pinch bolt on the RH fork guide.
- Hold front axle by spanner and loosen axle nut then remove nut along with washer.





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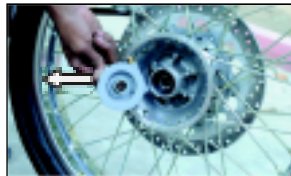
## MINOR MAINTENANCE TIPS

---

- Tap and remove the front wheel spindle
- Tilt the vehicle to RH Side and take out the wheel along with speedo drive with bush & LH side spacer.



- Take out Speedo drive and bush on the RH side as shown in pic.



### CAUTION

Do not press the front brake lever when wheel is removed as this will result in the brake pads coming too far out of the brake caliper.

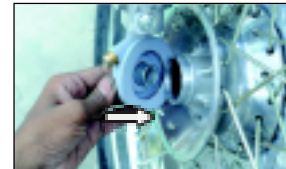
- Place a 4 mm thick wooden piece or cardboard sheet between the brake pads to avoid pads activation in the event the front brake lever is accidentally pressed.

---

## FRONT WHEEL ASSEMBLY

---

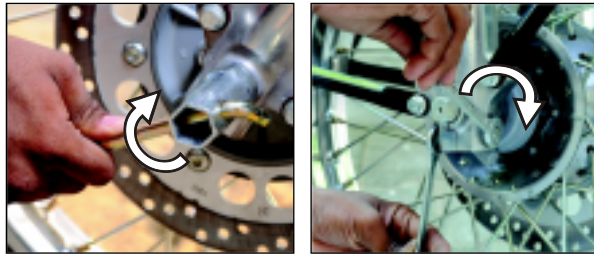
- Remove the wooden piece / card board sheet placed between the brake pads.
- Place the bush speedo drive in position and place speedo drive over it.
- Insert the wheel along with speedo drive assembly and LH spacer between the front fork ends ensuring the brake disc is located in between the brake pads.
- Insert and tap the front wheel axle gently inside.
- Refit the washer and tighten the nut firmly.



---

## MINOR MAINTENANCE TIPS

---



- Tighten the pinch bolt on the RH fork guide.
- Rotate the wheel and check for smooth rotation.
- Connect the speedo cable to speedo drive unit and rotate the wheel to check for proper working of speedo meter.
- Press brake lever 2 or 3 times to check front brake efficiency.

### NOTE

Ensure that the speedo drive is correctly located such that the cable can be connected without difficulty.

---

## REAR WHEEL REMOVAL

---

- Place the vehicle on center stand on a firm and flat surface.
- Note and mark the position of the chain adjuster butting with the stopper on the right side.
- Remove split pin and castle nut on the RH side.
- Remove wheel spindle from LH side along with chain adjuster, taking care not to drop the wheel collar and spacer from the LH side of the wheel.
- Tilt vehicle to RH side and slide out rear wheel.



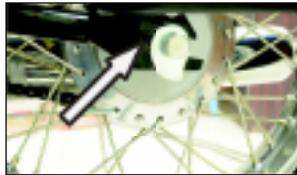
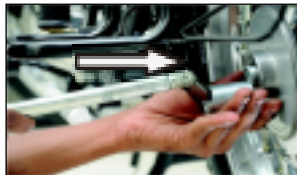
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## MINOR MAINTENANCE TIPS

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### REAR WHEEL ASSEMBLY

- Ensure the four cush rubbers are in position inside the rear wheel hub.
- Tilt vehicle to right and insert wheel assembly between the swing arms.
- Position the rear wheel with cush rubber on the rear chain sprocket.
- Hold wheel collar and spacer in position.
- Assemble the wheel spindle along with chain adjuster from the LH side of vehicle and gently tap it through the wheel.



- Ensure that the chain adjuster knotch butts with the stopper as appropriate when both the front & rear wheels are aligned.
- Tighten the castle nut firmly and ensure that the hole on axle shaft and the slot on castle nut are aligned to enable split pin fitment.
- Fix the split pin.



#### CAUTION

Do not force the spindle into the wheel as the threads may get damaged. Tap it through the wheel gently.



#### WARNING

Ensure the vehicle does not come off centre stand while assembling / disassembling the wheel assembly. Failure to adhere could result in damage or serious injury.

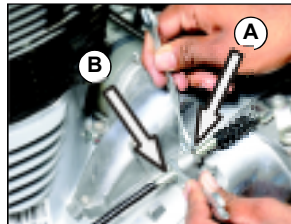
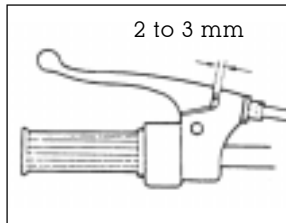
---

## MINOR MAINTENANCE TIPS

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### ADJUSTMENTS - CLUTCH

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Clutch Lever (free play 2 to 3 mm)

### CLUTCH FREE PLAY ADJUSTMENT

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- Loosen the cable outer lock nut (A).
- Turn the Nut (B) Clockwise to reduce the play or Anticlockwise to increase the free play.
- Check free play 2 to 3 mm at Clutch lever pivot on handle bar end.
- Tighten lock nut (A) after adjustment is done.

### DRIVE CHAIN FREE PLAY (PLAY 25 - 30 MM)

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- Remove rear wheel split pin.



- Loosen castle nut, spindle nut, anchor nut and brake rod nut.



- Turn the RH adjuster cam as appropriately, till 25 to 30 mm slackness is achieved on the top run of the chain.



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## MINOR MAINTENANCE TIPS

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- Check brake pedal free play, If necessary adjust.

- Check that the front and rear wheels are correctly aligned.



- Turn the LH adjuster cam appropriately, to align both the wheels.

- Check and ensure that the notches on the cam are resting on the pin in the swing arm on both sides.



- Apply brake and tighten all nuts.

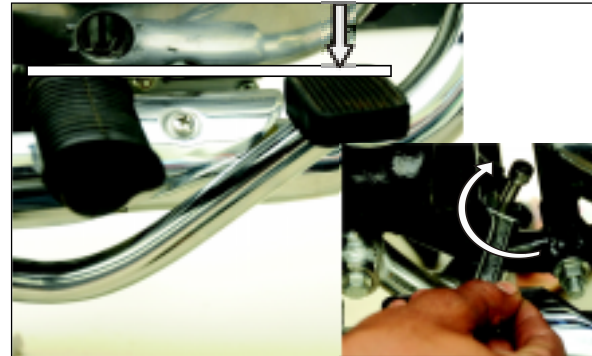
- Finally Torque the anchor Nut.



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## CHECKING REAR BRAKE PEDAL HEIGHT

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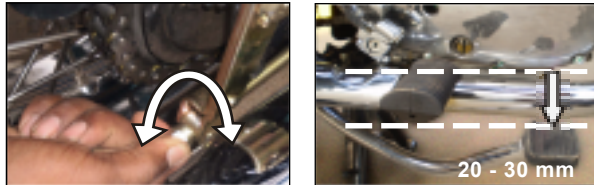
- Loosen the lock nut.
- Turn in or out the pedal stop pin bolt till the brake pedal and front footrest are in the same height / level as shown in above pic.
- Tighten the lock nut
- Check for free rotation of rear wheel.

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## MINOR MAINTENANCE TIPS

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### REAR BRAKE PEDAL PLAY ADJUSTMENT



- Turn in or out the adjuster nut at the brake rod end. The recommended brake pedal travel is 20-30 mm.
- Check that the brake is not binding and the rear wheel rotates freely.

#### WARNING

Please ensure brakes are adjusted to their maximum efficiency. Inefficient brakes can cause an accident.

Please ensure adequate caution while applying brakes. Sudden application OR pressing the levers fully can cause the wheels to lock. This may cause the motorcycle to skid with possible loss of control and result in an accident causing. Brake shoes must be inspected for wear every 4000 Kms. If you ride under adverse conditions, (steep hills, heavy traffic, etc.) a more frequent inspection at 1600 Kms or less, is required.

### CHAIN LOCK FITMENT



The open end of the chain link master lock to face opposite to normal direction of chain rotation as shown pic.

#### WARNING

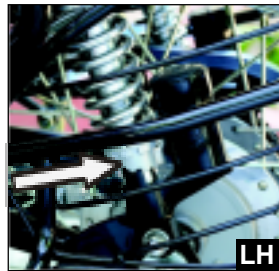
The fitment in wrong direction lock can lead to falling off of chain link thus disengaging the drive. This will lead to potentially hazardous situation which, if not avoided, could result in serious injury.

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## MINOR MAINTENANCE TIPS

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### ADJUSTMENT OF GAS FILLED SHOCKABSORBER



- The rear gas shock absorber is adjustable type i.e., the spring tension can be increased or reduced.
- Increase the spring tension for high load operation.
- Reduce the spring tension for low load operation.
- The adjuster provided on the bottom of the spring has five notches.
- Insert special 'C' spanner on the bottom adjuster and rotate to change notch position.

- Turn the adjuster such that the adjuster moves up to increase the spring tension and vice versa to reduce the spring tension.
- Adjust both left hand and right hand shock absorbers so that the same notch rests on the pin in both sides.



#### WARNING

Riding the motorcycle with the notches adjusted in different positions can cause loss of control and may lead to an accident.

Regularly inspect shock absorbers and front forks for leaks. Replace worn parts. Worn parts can adversely affect stability and handling.

#### NOTE

Ensure no fouling of any accessories with rear shock absorber. Check for sufficient gap availability between the shock absorber and the attachments when the rear end of the motorcycle is fully loaded and the shock absorbers are fully compressed.

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## MINOR MAINTENANCE TIPS

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### REMOVAL OF BATTERY ON VEHICLE

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- The vehicle is provided with 12V - 14 AH battery.
- Unlock (turn the key anti clockwise) and remove the battery cover.
- Remove the battery holding two rubber straps gently.
- Pull out the battery and turn, then disconnect both the terminal wires (negative and positive respectively)
- Take out the battery.



### BATTERY MAINTENANCE

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- The battery must be periodically checked for
  - ★ Cleanliness and corrosion free terminals.
  - ★ Electrolyte level must be above "MIN" level.
  - ★ If electrolyte level is low, remove caps and top up with distilled water only.
- Apply petroleum jelly over the battery terminals to avoid sulphation.





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## MINOR MAINTENANCE TIPS

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### WARNING

Always disconnect the negative (-) battery cable first and then the Red positive (+) cable while removing the battery connections.

### NOTE

For checking the battery voltage and electrolyte specific gravity, contact authorised Royal Enfield service or battery service centre.

### CAUTION

- Do not use battery with low electrolyte level as the battery internals cells will get damaged.
- Do not overfill the battery electrolyte level as it will spill out through the overflow pipe and cause corrosion to vehicle parts.
- Use only distilled water meant for use in batteries to avoid damage to battery.
- Electrolyte should not be filled when the level is between minimum & maximum levels indicated in battery as "MIN" & "MAX".

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### ASSEMBLY OF BATTERY ON VEHICLE

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- Position the battery in the battery carrier such that the negative terminal of the battery is towards fuel tap.
- Ensure ignition switch is in 'OFF' condition.
- Connect the positive terminal (Red wire) first.
- Connect the negative terminal (Black wire) next.
- Smear the terminals with petroleum jelly. (Do not use grease).
- Refit the rubber strap bracket to hold the battery.
- Refit LH side panel.

### NOTE

Clean the wire terminals free of corrosion and keep the terminals coated with petroleum jelly.

### CAUTION

Connect the +ve and -ve cables to the respective battery terminals. Failure to do so may result in damage to the motorcycle electrical system.

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## MINOR MAINTENANCE TIPS

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### CHANGING ELECTRICAL COMPONENTS

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#### HEAD LAMP BULB REPLACEMENT

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- Loosen the head lamp holding top screw. Then pull out head lamp assembly.
- Detach bottom lug from the head lamp housing body.
- Disconnect head lamp wire connectors Green, Orange and Blue color terminals.



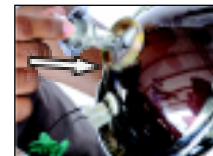
- Remove rubber grommet from the reflector Assembly.



- Gently press the bulb holding 'U' clip from both the sides downwards and release it from reflector slot as shown.



- Pull out head lamp bulb and inspect its filament for fuse.



#### CAUTION

Never touch the bulb with your fingers, Finger prints will etch the glass and decrease bulb life. Always hold the bulb with paper or clean dry cloth during handling.



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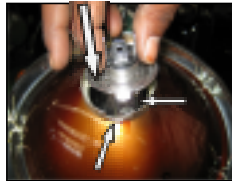
## MINOR MAINTENANCE TIPS

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### ASSEMBLING THE HEADLAMP

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- Refix the new head lamp halogen bulb into reflector unit by locating the wide protrude on top side mounting.



- Fix bulb holding U clip into reflector body knotch, then press the both ends of clip and lock in its slot.

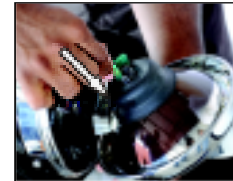


- Fit the rubber grommet.



- Connect the wire couplers as mentioned below.

TOP SIDE: GREEN COLOUR  
RIGHT SIDE: BLUE COLOUR  
LEFT SIDE: ORANGE COLOUR



- Position the reflector ring bottom lug into head lamp casing slot and slide it, then tighten the top mounting screw.



#### NOTE

After connecting above said procedure, turn ignition switch to "ON" condition and then check, ensure that flash light working in HIGH BEAM mode.

If you use the bulb other than specified rating (12V 55/60W) may result in over loading electrical system lead to premature failure or frequent battery discharge.

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## MINOR MAINTENANCE TIPS

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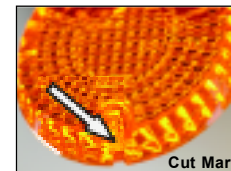
### TAIL LAMP BULB REPLACEMENT

- Remove the two nuts each from RH & LH side of the rear number plate holder.
- Pull out Tail Lamp assembly along with bracket and twist the bulb holder in anticlockwise to remove bulb holder assembly.
- Turn old bulb to remove and replace with a new bulb.
- Refit the bulb holder and turn clockwise to lock the bulb holder.
- Refit the tail lamp with bracket on the reverse order of removal process.



### TRAFFICATOR BULB REPLACEMENT

- Remove the 2 screws & take out trafficator glass cover.
- Press bulb gently & Turn anticlockwise to take out the bulb.
- Position the new bulb inside the holder, ensuring that the pins in the bulb, match with the slots in the holder.
- Press the bulb and turn clockwise to lock the bulb in the holder.
- Refit the trafficator cover cut slot mark facing downwards and tighten the 2 screws.



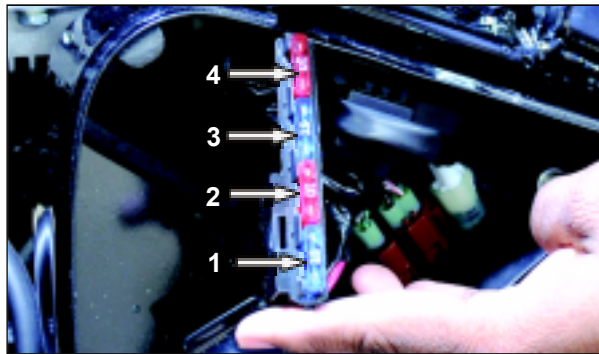
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## MINOR MAINTENANCE TIPS

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### FUSE

- Open the LH tool box.
- Take out tool kit.
- Remove fuse holder rubber & lift fuse carrier top cover.



- Replace the required fuse with the spare fuse available in the fuse carrier.

### NOTE

Please ensure to replace a spare fuse in the holder at the earliest opportunity.

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### BLADE FUSE USAGE LIST

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Fuse No.	Color	Remarks
1	Blue	Main Fuse (15A)
2	Red	Ignition Fuse (10A)
3	Red	Spare Fuse (10A)
4	Blue	Spare Fuse (15A)

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## MINOR MAINTENANCE TIPS

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### AIR FILTER ELEMENT CLEANING / REPLACEMENT

- Insert the key, turn anti clockwise to remove RH side air filter box lid.



- Loosen the filter holding nut by 10mm spanner as shown in pic.



- Remove the nut, washer and cover air filter to take out air filter element.



- Tap the filter element to remove dust as shown and clean thoroughly before assembly.

Clean both intake adaptors and duct as shown in pic.



- Assemble the filter element and cover in the reverse order of dismantling process.
- Please ensure proper sealing of cover plate against air filter element.



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## WASHING PROCEDURE

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### PRECAUTIONS

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- Wash vehicle when the engine is cold.
- Cover the silencer tail end and control switches with suitable plastic bags and tie it firmly to prevent water entry into them.
- Remove ignition key and seal key hole using adhesive tape.
- Use a suitable engine degreaser, available with your local parts store, to remove dirt or grease from the engine external parts if required. Follow the directions in the label carefully before using the degreaser.
- Use low pressure jet of water to clean the entire vehicle.
- Never spray water with great force on head lamp, speedometer, trafficator lights, front and rear wheel hubs, electrical connections and wires, control cables, sparkplug, battery, etc.
- Use luke warm water and mild detergent on the painted components to remove dirt, etc.
- Rinse vehicle thoroughly with plain water to remove the detergent and wipe vehicle dry.
- If possible, use compressed air and blow off water particles from the obscure areas of the vehicle, electrical connections etc.

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### AFTER WASHING

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- Ensure, the vehicle is thoroughly dry by wiping with a clean soft absorbent cloth or chamois leather.
- Remove all plastic bags and adhesive tapes.
- Lubricate control cables, pivot and rear chain with lube oil
- Polish the painted and plated surfaces using polishing wax.
- Start the bike allow engine to idle and warm up.
- Drive the motorcycle slowly, applying both brakes intermittently to dry up the brake shoes.
- Test brakes for full efficiency.



#### WARNING

Observe warnings and cautions given on labels of cleaning compounds.

When washing your motorcycle, be careful not to get the brakes, engine, mufflers or air cleaner etc., too wet.

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## STORAGE PRECAUTIONS

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Incase your Motorcycle is not going to be used for a month or more, we advise the following precautions to be taken.

- Carryout required repair / adjustments on the motorcycle.
- Wash the motorcycle thoroughly and lubricate as per the maintenance chart.
- Start the engine, warm up for a few minutes and switch off.
- Drain out the fuel completely from the fuel tank and fuel lines.
- Remove spark plug. Pour in about 25ml of clean engine oil through spark plug hole. Close the hole and crank engine several times and refit sparkplug.
- Clean rear chain thoroughly and apply a thin film of lube oil.
- Remove battery from the bike. Clean the terminals free of corrosion.
- Maintain electrolyte level between max or min mark, by adding distilled water and wipe the battery dry.
- Store the battery in a cool, dry and well ventilated place.
- Do not place the battery in direct sun light, near open flame or where temperature is above 40°C or below 0°C
- Cover the silencer with plastic bags to prevent moisture entry. Set the motorcycle on its center stand.
- Apply anti rust solution on **all chrome plated parts. Take care not to apply this solution on rubber or painted parts.**
- **Store motorcycle in a clean covered area free - of moisture and keep it covered to prevent dust settling on it.**



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## STORAGE PRECAUTIONS

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### PREPARING THE MOTORCYCLE FOR RE USE

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- Remove anti rust solution from **all chrome plated parts and clean the motorcycle.**
- **Inflate the tyres to the correct tyre pressure.**
- **Ensure battery is fully charged and proper electrolyte level is maintained.**
- **Connect the battery.**
- **Lubricate all control cables and pivots.**
- **Check proper level of oil in engine.**
- **Fill fuel tank with fresh petrol.**
- **Check fuel line / hose for any cracks or cuts.**
- **Clean the air filter.**
- **Remove plastic covering from the silencer.**
- Remove spark plug on cylinder head and pour in a few drops of engine oil. Crank engine a few times to lubricate cylinder walls and piston. Clean spark plug and refit.
- Switch "ON" ignition switch.
- Start vehicle and warm up engine for a few minutes before riding the vehicle.

#### NOTE

Do not raise the engine rpm the moment it is started, but allow the engine to run at idling speed.

#### CAUTION

Proper long-term storage is important for the safe, trouble-free operation of your Royal Enfield motorcycle.

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## LONG TRIP PRECAUTIONS

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### CHECKS PRIOR TO THE COMMENCEMENT OF LONG JOURNEY

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- Service the motorcycle thoroughly at Royal Enfield Authorised Dealer / Service Point as per periodical maintenance chart. (Ref. Page No. 40, 41 & 42)
- Sufficient quantity of petrol in the fuel tank for the journey planned.
- Check and correct tyre pressure if necessary.

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### CHECKS AFTER EVERY 1500 KMS OF RUN

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- Tightness of all fasteners.
- Tyre tread condition and wear of tyres.
- Battery condition and electrolyte level.
- Correct oil level in engine.
- Working of all lights and horn.
- Proper drive chain tension.

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### ITEMS TO BE CARRIED

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- Tool kit.
- First aid kit.
- Bulbs for Headlight, Trafficator light, Rear Tail Lamp and Fuse (10 & 15 Amps).
- Accelerator, Clutch and Speedo Cable.
- Rear chain master link lock assembly.
- Spare tube, puncture repair kit - cold vulcanising type.
- Foot operated Air Pump.
- Insulation tape.
- Spark plugs (M14 & M10), Fuel hose.

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## CARING FOR MILEAGE

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### STOP THE DROP THAT LEAKS

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- Petrol leak at a rate of one drop per minute accumulates to 5,25,600 drops a YEAR! That is, 35 ltrs of Petrol.
- Petrol leaks cause raw petrol smell. Get the leaks arrested immediately.

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### USE RECOMMENDED FUELS AND OILS ONLY

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- Wrong grade or adulterated petrol does not burn fully and results in heavy smoke, high rate of carbon deposition in cylinder and exhaust system and low mileage.
- Wrong grade and inferior quality oils do not lubricate well. The moving parts wear prematurely.
- Always use recommended fuel (unleaded > 87 octane petrol) and oils only.

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### RIDE AT COST EFFECTIVE SPEED

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- Cost effective speed (in top gear) is 45 to 50 Km per hour.

- Both lower and higher road speeds cause low kilometers per litre of petrol.

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### PERFORM PREVENTIVE MAINTENANCE AS PER RECOMMENDATIONS

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#### REGULAR PREVENTIVE MAINTENANCE ENSURES

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- Correctly inflated tyres.
- Fasteners tightened to correct torques.
- Freely moving engine & transmission components.
- Properly tuned and adjusted engine.

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#### CUT OFF NEEDLESS LOW IDLING

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Ten minutes of low idling wastes 70 ml. of petrol. So cut off the engine when you know you have to wait for one minute or more.

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#### STOP

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- **Revvng : Ten revvings wastes 20 ml. of petrol**
- **Racing starts : Ten racing starts wastes 150 ml. of petrol.**

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## CARING FOR MILEAGE

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- **Sudden acceleration : Ten sudden accelerations wastes 100 ml. of petrol.**

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### STOP BRAKE RIDING

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- **Brake riding pushes the brake shoes to come in contact with revolving drum. To overcome the resulting frictional load, engine burns additional petrol.**

**Result : Low mileage, loss of power, faster wear of brake shoes and drum.**

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### NEVER CLUTCH RIDE

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- **Clutch riding slips the clutch & engine drive does not get totally transferred to the rear wheel. Besides low mileage, clutch riding ends up with burnt friction plates of clutch, loss of power and engine overheating.**

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### AVOID FREQUENT BRAKING

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- **Braking arrests the road speed. Motorcycle momentum is reduced. Additional fuel is burnt for subsequent acceleration.**

- **For better mileage, use front and rear brakes simultaneously when absolutely needed. Control vehicle speed with throttle and gear like smart riders always do.**

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### AVOID OVER LOADING

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- **Over loading tyres the engine, wears the parts faster and reduces mileage.**

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### PARK YOUR VEHICLE IN SHADE WHEN NOT IN USE

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- **Petrol is highly volatile. It evaporates under normal atmospheric temperature. The evaporation increases with temperature. Prevent this loss by always parking your vehicle under shade.**
- **Too few Kms running per day allows more time for evaporation affecting the mileage.**

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## COMPLETE WIRING DIAGRAM - BULLET 500

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NOTE : Complete Wiring Diagram is attached on this page.

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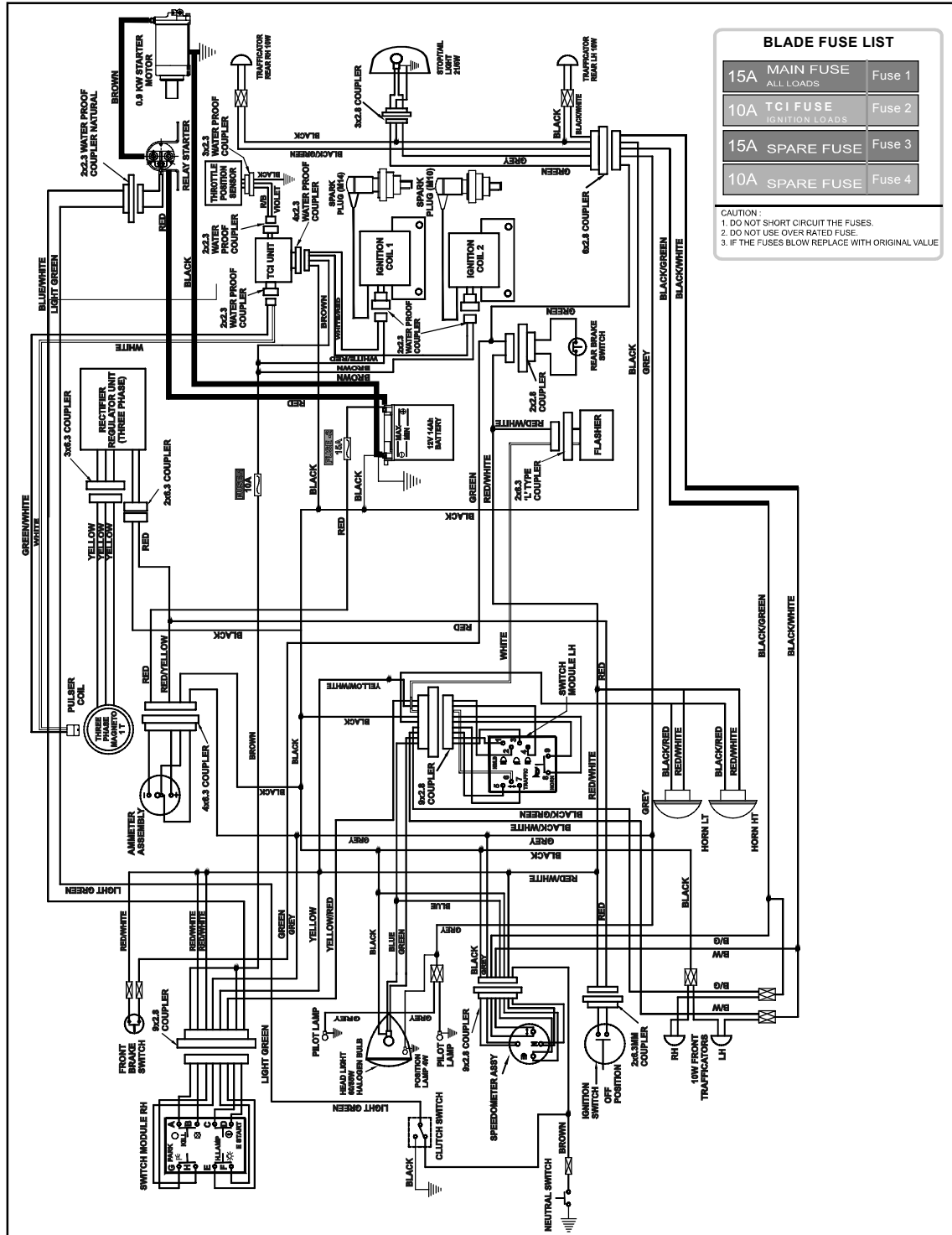
### VEHICLE STARTING PROCEDURE

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#### BASIC GUIDELINES TO BE FOLLOWED "FOR ALL ELECTRIC START VEHICLES"

1. In cold condition of the engine or for initial start, it is advised to use electric start (ES) only.
2. Apply choke in cold start condition. (ambient temperature <25° C)
3. DO NOT ATTEMPT – "HALF START" BY CASUALLY PRESSING ELECTRIC START BUTTON.
4. PLEASE PRESS AND HOLD ELECTRIC START BUTTON FOR ATLEAST 3 SECONDS CONTINUOUSLY FOR THE CRANKING OR UNTIL THE ENGINE FIRES AND SUSTAINS, WHICHEVER IS EARLIER.
5. If engine doesn't start in the first attempt, release the ES button and repeat the above Procedure.
6. It is advised not to apply excessive throttle during starting.

# COMPLETE WIRING DIAGRAM - BULLET 500



### BLADE FUSE LIST

15A MAIN FUSE ALL LOADS	Fuse 1
10A TCI FUSE IGNITION LOADS	Fuse 2
15A SPARE FUSE	Fuse 3
10A SPARE FUSE	Fuse 4

CAUTION:  
 1. DO NOT SHORT CIRCUIT THE FUSES.  
 2. DO NOT USE OVER RATED FUSE.  
 3. IF THE FUSES BLOW REPLACE WITH ORIGINAL VALUE

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## TROUBLE SHOOTING

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CAUSES	REMEDIES
I. ENGINE FAILS TO START	
1) Ignition switch in 'OFF' Position .....	Switch on ignition.
2) Engine Stop switch in 'OFF' Position .....	Push stop switch to 'ON' position.
3) Clogged fuel line / tap .....	Clean the fuel line / tap.
4) Vent hole clogged in fuel tank cap .....	Clean vent hole.
5) Fuse blown .....	Check and Replace (Ref. Page No. 60)
6) Carburetor passage & jets blocked .....	*Dismantle carburetor & clean jets / passages
7) Carburetor float stuck in closed position .....	Ensure correct movement of float
8) Spark plug cap / lead not connected .....	Fix cap / lead firmly
9) Loose HT connections .....	Fix connections firmly
10) HT Lead Damaged .....	*Replace HT Lead
11) Spark plug electrode dirty / fouled .....	Clean spark plug & Reset gap.
12) Spark plug insulation cracked .....	Replace spark plug

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\* Contact Authorised Dealer / Service Point

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## TROUBLE SHOOTING

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CAUSES	REMEDIES
13) Poor compression	
- Auto Decompressor not working .....	*Ensure free motion of flyweight in exhaust cam gear assembly
- Loose spark plug .....	*Tighten spark plug.
14) Clutch slipping .....	*Adjust clutch cable free play
<hr/>	
II. ENGINE MISFIRING	
<hr/>	
1) Water in petrol tank/carburetor .....	*Clean carburetor / petrol tank. Fill tank with fresh petrol.
2) Leak through intake hose .....	Tighten rubber hose suitably. Replace if necessary
3) Loose spark plug cap .....	Fix cap / lead firmly
4) Spark plug fouled/insulation broken .....	Clean / reset gap or, replace.
5) Poor Compression .....	*Auto decompressor sticky or not working
6) Loose electrical connections / coupler .....	*Battery cable / fuse carrier / coils / TCI unit / Switch
<hr/>	
* Contact Authorised Dealer / Service Point	
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## TROUBLE SHOOTING

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CAUSES	REMEDIES
III. ENGINE STARTS, BUT RUNS IRREGULARLY & STOPS	
1) Faulty fuel supply .....	Clean the fuel line / tap / vent hole
2) Very low idling speed .....	Increase idling speed
IV. POOR PICKUP	
1) Accelerator cable free play excessive .....	Adjust cable free play
2) Faulty fuel supply .....	Clean the fuel line / tap / vent hole
3) Choked air filter .....	Clean / Replace air filter
4) Loose carburetor mounting .....	Tighten clamps firmly
5) Brakes adjusted too tight .....	*Re-adjust properly
6) Rear chain adjusted too tight .....	*Re-adjust properly
7) Clutch Slipping .....	*Adjust clutch cable free play
8) Under inflated tyres .....	*Inflate to correct pressure

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\* Contact Authorised Dealer / Service Point

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## TROUBLE SHOOTING

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CAUSES	REMEDIES
<b>V. WHITE/BLUE SMOKE</b>	
1) Oil level in tank above the middle line in the ..... oil level window	*Check and drain excess oil
2) Worn out valve oil seal .....	*Check / Replace
3) Worn out piston ring / cylinder .....	*Check / Replace
<b>VI. ENGINE OVERHEATING</b>	
1) Cylinder fins not clean .....	Clean the cylinder fins at regular intervals
2) Clutch slipping .....	*Check and correct
3) Suction leakage .....	*Check and correct
4) Incorrect carburetor adjustments .....	*Check and correct
<b>VII. EXCESSIVE FUEL CONSUMPTION</b>	
1) Fuel leakage .....	*Check and rectify

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\* Contact Authorised Dealer / Service Point

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## TROUBLE SHOOTING

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CAUSES	REMEDIES
2) Worn out carburetor jets .....	*Change the defective jets
3) Incorrect carburetor adjustments .....	*Check and adjust correctly
4) Choked air filter .....	Clean / Replace
5) Poor compression .....	*Auto decompressor sticky or not working properly
6) Under inflated tyres .....	Inflate to correct pressure
VIII. IGNITION KNOCK	
1) Carburetor adjusted too lean .....	*Check and readjust
2) Suction / intake system leakage .....	*Check and correct
IX. BRAKES POOR	
1) Not adjusted properly .....	*Adjust properly
2) Oil / grease on lining or drum or disc .....	*Clean and refit

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\* Contact Authorised Dealer / Service Point

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## TROUBLE SHOOTING

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CAUSES	REMEDIES
3) Linings worn / Uneven wear .....	*Replace linings
4) Drum scored / Uneven wear .....	*Rectify or Replace drums
<hr/> X. VEHICLE WOBBLES	
1) Wheel rim runout .....	*Rectify
2) Loose / Broken spokes .....	*Tighten / Replace spokes
3) Tyres not fitted correctly .....	*Refit tyres correctly
4) Wheels misaligned .....	*Ensure proper alignment
5) Under inflated tyres .....	Inflate to correct pressure
<hr/> XI. ELECTRICALS	
Bulbs do not glow	
1) Loose / improper connection .....	*Check and correct
2) Bulb fused .....	*Replace bulb
3) Fuse blown .....	Replace fuse
4) Switch defective .....	*Replace switch

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\* Contact Authorised Dealer / Service Point

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## TROUBLE SHOOTING

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CAUSES	REMEDIES
Horn not working	
1) Loose connections .....	*Check and correct
2) Requires tuning .....	*Tune horn
3) Switch Defective .....	*Replace
4) Fuse blown .....	Replace fuse
Trafficators not working	
1) Loose / improper connections .....	Check and correct
2) Bulb fused / Fuse blown .....	Replace
3) Switch defective .....	*Replace
4) I.C. Flasher defective .....	*Replace
Brake light remains "ON"	
(1) Switch not adjusted properly .....	*Adjust switch properly
(2) Switch sticky .....	*Replace switch

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\* Contact Authorised Dealer / Service Point

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## TROUBLE SHOOTING

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CAUSES	REMEDIES
XII. ELECTRIC START	
VEHICLE NOT STARTING	
(1) Neutral indicator not glowing .....	Bring the vehicle in neutral
(2) If vehicle is without neutral indicator .....	Press the clutch lever & start switch together
(3) Loose Connection .....	*Check & Correct
(4) Starter relay not working .....	*Check & Replace
(5) Malfunctioning of clutch switch .....	*Check & Replace
(6) Malfunctioning of Starter switch .....	*Check & Replace
(7) Battery discharge .....	*Check & Recharge
(8) Motor not working .....	*Check & Replace
(9) Battery not fully charged .....	*Check & charge
(10) Failure of sprag clutch .....	*Check & replace

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\* Contact Authorised Dealer / Service Point

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## WARRANTY TERMS & CONDITIONS

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Royal Enfield Motor Cycles are manufactured by following best Quality practices in respect of the material and workmanship.

Royal Enfield (RE) warrants Bullet 500 Motorcycle to be free from manufacturing and material defect under normal use subject to following conditions.

1. RE will replace or repair defective part / parts at their Authorised Dealer / Service point, free of charge within a period of 12 months from the date of sale (date of Installation) or 10,000 kms whichever occurs earlier.
2. The warranty is applicable only to first registered owner.
3. The warranty shall be applicable only if all the free services are availed at the respective period / kilometer range as per the schedule given in the owner's manual from Authorised Dealer / Service Point.
4. During the warranty period, RE's obligations shall be limited to repairing / replacing free of charge such part or parts of the vehicle, which on examination to have manufacturing defect. Such defective part / parts which have been replaced becomes property of RE.
5. Cost of oil, oil filter, fuel and other consumables are chargeable to the customer.
6. Claims on proprietary items like tyres, tubes, spark plug, battery etc. should be taken up with respective manufacturer or their authorised agents in the area directly by customer. RE shall not be liable in any manner to replace them though their Dealers will provide assistance in preferring such claims on their manufacturer.
7. Warranty shall not apply to:
  - (a) Normal ageing, deterioration or rusting of plated parts paints coat, rubber parts, soft items, glass items, plastic parts etc.

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## WARRANTY TERMS & CONDITIONS

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- (b) Components like fuel line, oil filter element, control cables, brake pads, brake shoes, clutch plates, which are subjected to normal wear and tear.
  - (c) Damages due to use of lubricant / oil / grease etc. other than specified by RE.
  - (d) Damages due to use of non-genuine parts.
  - (e) Damages due to lack of proper maintenance of the vehicle.
  - (f) Damages due to incorrect driving or riding habits.
  - (g) Parts damaged due to accidents, collision, abuse etc.
  - (h) Irregularities not recognized as affecting the quality or function of the vehicle such as slight vibration, oil leakage, discoloration of exhaust bent pipe / silencer / soft, hard shock absorber etc.
  - (i) Defects arising from fitment of unauthorised / additional Electrical loads.
  - (j) Vehicle serviced / repaired at unauthorised service points.
  - (k) Vehicle used for competition / racing.
  - (l) Electrical component like bulbs, fuses etc.
  - (m) Normal maintenance operations like adjustment of brakes, cleaning fuel system, engine tune up and other such adjustments
8. RE reserves the right to finally decide on all warranty claims
9. RE reserves the right to make changes in Design of the vehicle without any obligation to install these changes on previously supplied vehicles.



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## EMISSION WARRANTY

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In compliance with the provisions of Rule 115(2) of the Central Motor Vehicle Rules, 1989, Royal Enfield certifies that the following warranty is applicable to those components liable to affect the emission of the gaseous pollutants in its range of motorcycles, in normal use to which it may be subjected to.

This emission warranty comes into force from 01st July 2001 and is valid for a period of 30,000 Kms. or 36 months, whichever occurs earlier, from the date of sale to the first customer and is in addition to and parallel to the warranty policy, conditions and obligations laid down in the Owner's Manual.

Royal Enfield further warrants that if on examination by its Authorised Dealer / Service Point, the motorcycle fails to meet the specified emission standards, then the Authorised Dealer / Service Point shall take necessary corrective measures and shall at its sole discretion, repair or replace free of charge such components of the emission control system to meet the required emission standards.

The method/s of examination to determine the warranty conditions of the emission warranty related components will be at the sole discretion of Royal Enfield and / or our Authorised Dealer / Service Point and results of such examination will be final and binding. If on examination the warranty conditions of the part/s is/are not established, Royal Enfield will have the right to charge all, or part of the cost of such examination to the customer in addition to the cost of the components.

In case of acceptance of the component/s under Emission warranty, Royal Enfield will replace free of charge, the component/s as required. However, the consumables like fuel, lubricants, solvents, etc shall be chargeable to the customer as per actual.

In case any of the components covered under emission warranty or the associated parts, are not independently replaceable, Royal Enfield will have the sole discretion to replace either the entire assembly or parts of the assembly, through suitable repairs.

Royal Enfield reserves the right to carry out necessary consequential repairs to the motorcycle or replace any part, in addition to the repair or replacement of the components covered under emission warranty, to establish compliance to in-use emission standards. Such repairs / replacements will be chargeable to the customer.

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## EMISSION WARRANTY

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All parts removed for replacement under warranty will become the property of Royal Enfield.

Royal Enfield will not be responsible for the cost of transportation of the motorcycle to the nearest Authorised Dealer / Service Point OR for any loss due to non availability of the motorcycle during the period of examination and repairs by Royal Enfield and / or their Authorised Dealer / Service Point.

Royal Enfield will not be responsible for any penalties that may be charged by statutory authorities on account of failure to comply with the in-use emission standards.

That cost/s incurred to check emission of the motorcycle will have to be borne by the customer.

Emission warranty will be applicable irrespective of the change of ownership of the vehicle provided all the conditions as laid down in this document are met from the date of original sale of the motorcycle.

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### THE WARRANTY SHALL APPLY IF THE CUSTOMER

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- Observes all the important instructions and any other precautions listed in the owner's manual.
- Under all circumstances uses lubricants and fuel as recommended by Royal Enfield.
- Regularly obtains and carries out maintenance in accordance with Royal Enfield guidelines and enters the details in the Log book.
- Immediately approaches the nearest Authorised Dealer / Service Point upon discovery of failure to comply with the IN-USE emission standard inspite of having maintained and used the vehicle in accordance with the instructions in the owner's manual and having carried out such repairs and adjustments as may be required with a view to establish such compliance.
- Produces the 'Pollution Under Control' certificate valid for the period immediately preceding the test during which the failure is discovered, the test having been carried out either for obtaining a new certificate or

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## EMISSION WARRANTY

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pursuant upon being directed by an officer as referred to in sub rule (2) of rule 116 of the Central Motor Vehicles Rules (CMVR).

- Produces the owner's manual and Log book for verification details.
- Produces receipts covering maintenance of the motorcycle as specified in the owner's manual from the date of original purchase of the vehicle.
- Produces valid certificate of Insurance and R.T.O Registration Certificate (RC Book).

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### THE EMISSION WARRANTY SHALL NOT APPLY IF

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- A valid "Pollution under control" certificate is not produced.
- The motorcycle is not serviced by Authorised Dealer / Service Point as per the service schedule described in the maintenance chart.
- The motorcycle has been subjected to abnormal use, abuse, neglect and improper maintenance or has met with an accident.
- Replacement parts not specified and approved by Royal Enfield have been used.
- The motorcycle, or parts thereof, has been altered, tampered with or modified or replaced in an unauthorised manner.
- The odometer is not functioning or the odometer and / or its reading has been changed / tampered with, so that the actual distance covered cannot be readily determined.
- The motorcycle has been used for competitions, races, and rallies or for the purpose of establishing records.
- On examination by Royal Enfield or its Authorised Dealer / Service Point, if the motorcycle shows that any of the conditions stipulated in the Owner's manual with regard to use and maintenance have been violated.

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## EMISSION WARRANTY

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- The motorcycle has been run on adulterated / leaded fuel or lubricant other than those specified by Royal Enfield in the Owner's manual or any other document given to the customer at the time of sale of the motorcycle.
- The emission related components are tampered with.
- All service and parts related bills and vouchers incurred during the tenure of the emission warranty is not produced.
- All maintenance activities carried out on the vehicle during the tenure of the emission warranty is not entered in the log book.

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### TIPS TO BE ON THE RIGHT SIDE OF LAW

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- Always get your vehicle checked to meet the emission regulations through and authorised emission checking center.
- Always carry a valid 'Pollution Under Control' certificate with you at all times during the validity of the emission warranty (30,000 Kms / 3 years from the date of first sale)

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### TIPS TO REDUCE POLLUTION

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1. Ensure that the periodical maintenance is carried out as stipulated in the owner's manual through a Royal Enfield Authorised Dealer / Service Point.
2. Use only Unleaded petrol (> 87 Octane) from reputed fuel pumps.
3. Ensure the fuel used is not adulterated.
4. Use correct spark plug as recommended in the owner's manual.
5. Use lubricants as per recommendations given on grade / brand in the owner's manual.

# ALL INDIA ROAD SIGNS

## MANDATORY SIGNS



## INFORMATION SIGNS



## CAUTIONARY SIGNS



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## FREE SERVICE COUPONS

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It is our endeavour to provide excellent service to your Royal Enfield Motor Cycle at all times. Towards this we provide four free services at specific Intervals.

Please avail these services at the specified time, in any of the Royal Enfield Authorised Dealer / Service Point nearest to you and as a token of satisfactory service, kindly return the free service coupon duly filled in and signed, to the service outlet.

Availing the free services in the specified time is a prerequisite to warranty consideration.

## 1ST FREE SERVICE

<p style="text-align: center;"><b>1<sup>ST</sup> FREE SERVICE</b></p> <p>500 Kms or 45±8 days whichever is earlier from the date of sale</p> <p>Enter the Details in Free Service Record</p> <p>(Cost of oil, oil filter element and other consumables used are chargeable to the customer)</p>	<p style="text-align: center;"><b>500 KMS OR 45±8 DAYS WHICHEVER IS EARLIER FROM DATE OF SALE</b></p> <p>Customer Name : _____ Dealer Code : <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/></p> <p>Address : _____</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">                 Frame No: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> <td style="width: 50%; padding: 2px;">                 Regn. No: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> </tr> <tr> <td style="padding: 2px;">                 Engine No: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> <td style="padding: 2px;">                 Sale Date: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> </tr> <tr> <td style="padding: 2px;">                 Vehicle Installation Form No. <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> <td style="padding: 2px;">                 Serviced Date: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> </tr> <tr> <td style="padding: 2px;">                 ODO Reading : <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> <td style="padding: 2px;">                 Serviced by (Dealer's/ASP Name &amp; Address)             </td> </tr> </table> <p>Sold by (Dealer's Name &amp; Address)</p> <p>Received the above vehicle after the service having been done to my entire satisfaction.</p> <p>Customer's Signature : ..... Date : <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/></p> <p>Contact Phone / Mobile No.: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/></p>	Frame No: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Regn. No: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Engine No: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Sale Date: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Vehicle Installation Form No. <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Serviced Date: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	ODO Reading : <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Serviced by (Dealer's/ASP Name & Address)
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ODO Reading : <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Serviced by (Dealer's/ASP Name & Address)								

## 1ST FREE SERVICE ACTIVITIES

1.	Water wash the vehicle and dry it with a clean cloth	
2.	Electrolyte .....	Check level & top-up
3.	Battery terminals .....	Clean and apply petroleum jelly
4.	Drive chain free play .....	Check, clean, lubricate & adjust
5.	Rear brake pedal pivot .....	Lubricate
6.	Rear brake .....	Adjust
7.	Wheel rims front & rear .....	Check spokes tightness
8.	Front & Rear brake .....	Check & Adjust
9.	Front fork oil leak .....	Check for leakage
10.	Air filter .....	Clean
11.	Spark plugs (2 Nos) .....	Check, clean & adjust gap
12.	H.T. Leads .....	Inspect for cracks
13.	Carburetor .....	Drain & Tune
14.	Fuel filter .....	Clean
15.	Fuel hose .....	Inspect for cracks
16.	Rubber hose, Air filter to carburetor .....	Inspect for cracks
17.	Accelerator cable .....	Check & adjust play
18.	Clutch cable .....	Adjust play
19.	Engine oil sump strainer .....	Clean
20.	Engine oil .....	Replace
21.	Engine oil filter element .....	Replace
22.	Hand levers & kick starter pivot .....	Lubricate

**CUSTOMER COPY**

Job Card No:

Date :

Odo Reading :

Name of Dealer/  
ASP with Code:  
.....  
.....

ASP / Dealer's  
Stamp &  
Signature





## 2ND FREE SERVICE ACTIVITIES

1.	Water wash the vehicle and dry it with a clean cloth	
2.	Electrolyte .....	Check level & top-up
3.	Battery terminals .....	Clean and apply petroleum jelly
4.	Drive chain free play .....	Check, clean, lubricate & adjust
5.	Rear brake pedal pivot .....	Lubricate
6.	Rear brake .....	Adjust
7.	Wheel rims front & rear .....	Check spokes tightness
8.	Front & Rear brake .....	Check & Adjust
9.	Front fork oil / leak .....	Check for leakage
10.	Air filter .....	Clean
11.	Spark plugs (2 Nos) .....	Check, clean & adjust gap
12.	H.T. Leads .....	Inspect for cracks
13.	Carburetor .....	Drain & Tune
14.	Fuel filter .....	Clean
15.	Fuel hose .....	Inspect for cracks
16.	Rubber hose, Air filter to carburetor .....	Inspect for cracks
17.	Accelerator cable .....	Check & adjust play
18.	Clutch cable .....	Adjust play
19.	Steering free play .....	Check & Adjust
20.	Engine oil .....	Check level & top-up
21.	Hand levers & kick starter pivot .....	Lubricate

**CUSTOMER COPY**

Job Card No:

Date :

Odo Reading :

Name of Dealer/  
ASP with Code:  
.....  
.....

ASP / Dealer's  
Stamp &  
Signature

## 3RD FREE SERVICE

<p><b>3<sup>RD</sup> FREE SERVICE</b></p> <p>6000 Kms or 180±15 days whichever is earlier from the date of sale</p> <p>Enter the Details in Free Service Record</p> <p>(Cost of oil, oil filter element and other consumables used are chargeable to the customer)</p>	<p style="text-align: center;"><b>6000 KMS OR 180±15 DAYS WHICHEVER IS EARLIER FROM DATE OF SALE</b></p> <p>Customer Name : _____ Dealer Code : <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/></p> <p>Address : _____</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">                 Frame No: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> <td style="width: 50%; padding: 2px;">                 Regn. No: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> </tr> <tr> <td style="padding: 2px;">                 Engine No: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> <td style="padding: 2px;">                 Sale Date: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> </tr> <tr> <td style="padding: 2px;">                 Vehicle Installation Form No. <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> <td style="padding: 2px;">                 Serviced Date: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> </tr> <tr> <td style="padding: 2px;">                 ODO Reading : <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/> </td> <td style="padding: 2px;">                 Serviced by (Dealer's/ASP Name &amp; Address)             </td> </tr> </table> <p>Sold by (Dealer's Name &amp; Address)</p> <p>Received the above vehicle after the service having been done to my entire satisfaction.</p> <p>Customer's Signature : ..... Date : <input style="width: 40px; height: 15px; border: 1px solid black;" type="text"/></p> <p>Contact Phone / Mobile No.: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/></p>	Frame No: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Regn. No: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Engine No: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Sale Date: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Vehicle Installation Form No. <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Serviced Date: <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	ODO Reading : <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Serviced by (Dealer's/ASP Name & Address)
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ODO Reading : <input style="width: 100%; height: 15px; border: 1px solid black;" type="text"/>	Serviced by (Dealer's/ASP Name & Address)								

## 3RD FREE SERVICE ACTIVITIES

1.	Water wash the vehicle and dry it with a clean cloth	
2.	Electrolyte .....	Check level & top-up
3.	Battery terminals .....	Clean and apply petroleum jelly
4.	Drive chain free play .....	Check, clean, lubricate & adjust
5.	Rear brake pedal pivot .....	Lubricate
6.	Rear brake .....	Cam clean, lubricate & Adjust play
7.	Swing Arm Bush & Spacer .....	Lubricate
8.	Wheel rims front & rear .....	Check spokes tightness
9.	Front & Rear brake .....	Check & Adjust
10.	Tyres front & rear .....	Check wear and tread depth
11.	Air filter .....	Clean
12.	Spark plugs (2 Nos) .....	Check, clean & adjust gap
13.	H.T. Leads .....	Inspect for cracks
14.	Carburetor .....	Clean, O/H & Tune
15.	Fuel filter .....	Clean
16.	Fuel hose .....	Inspect for cracks
17.	Rubber hose, Air filter to carburetor .....	Inspect for cracks
18.	Accelerator cable .....	Check & adjust play
19.	Clutch cable .....	Adjust play
20.	Engine oil sump strainer .....	Clean
21.	Engine oil .....	Replace
22.	Engine oil filter element .....	Replace
23.	Hand levers & kick starter pivot .....	Lubricate
24.	PAV System .....	Check & Clean

### CUSTOMER COPY

Job Card No:

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Date :

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Odo Reading :

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Name of Dealer/  
ASP with Code:

.....  
.....

ASP / Dealer's  
Stamp &  
Signature

## 4TH FREE SERVICE

<b>4<sup>TH</sup> FREE SERVICE</b>
9000 Kms or 270±15 days whichever is earlier from the date of sale  Enter the Details in Free Service Record
(Cost of oil, oil filter element and other consumables used are chargeable to the customer)

9000 KMS OR 270±15 DAYS WHICHEVER IS EARLIER FROM DATE OF SALE	
Customer Name : _____	Dealer Code : <input style="width: 40px;" type="text"/>
Address : _____	
Frame No: <input style="width: 100px;" type="text"/>	Regn. No: <input style="width: 100px;" type="text"/>
Engine No: <input style="width: 100px;" type="text"/>	Sale Date: <input style="width: 100px;" type="text"/>
Vehicle Installation Form No. <input style="width: 100px;" type="text"/>	Serviced Date: <input style="width: 100px;" type="text"/>
ODO Reading : <input style="width: 100px;" type="text"/>	Serviced by (Dealer's/ASP Name & Address)
Sold by (Dealer's Name & Address)	
Received the above vehicle after the service having been done to my entire satisfaction.	
Customer's Signature : .....	Date : <input style="width: 100px;" type="text"/>
Contact Phone / Mobile No.: <input style="width: 100px;" type="text"/>	

## 4TH FREE SERVICE ACTIVITIES

1.	Water wash the vehicle and dry it with a clean cloth	
2.	Electrolyte .....	Check level & top-up
3.	Battery terminals .....	Clean and apply petroleum jelly
4.	Drive chain free play .....	Check, clean, lubricate & adjust
5.	Rear brake pedal pivot .....	Lubricate
6.	Rear brake .....	Adjust
7.	Wheel rims front & rear .....	Check spokes tightness
8.	Front & Rear brake .....	Check & Adjust
9.	Front fork oil / leak .....	Check level & replace oil
10.	Air filter .....	Clean
11.	Spark plugs (2 Nos.) .....	Check, clean & adjust gap
12.	H.T. Leads .....	Inspect for cracks
13.	Carburetor .....	Drain & Tune
14.	Fuel filter .....	Clean
15.	Fuel hose .....	Inspect for cracks
16.	Rubber hose, Air filter to carburetor .....	Inspect for cracks
17.	Accelerator cable .....	Check & adjust play
18.	Clutch cable .....	Adjust play
19.	Engine oil strainer .....	Clean
20.	Engine oil .....	Check level & top-up
21.	Hand levers & kick starter pivot .....	Lubricate
22.	Steering free play / system .....	Check and Lubricate Steering Balls & Adjust
23.	Tyres .....	Check wear and tread depth

### CUSTOMER COPY

Job Card No:

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Date :

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Odo Reading :

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Name of Dealer/

ASP with Code:

.....

.....

ASP / Dealer's  
Stamp &  
Signature

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PAID SERVICE / MAINTENANCE RECORD

---

CUSTOMER COPY

12,000 ± 250 Kms. Service  
Job Card No : .....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

DEALER / ASP COPY

12,000 ± 250 Kms. Service  
Job Card No : .....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

CUSTOMER COPY

15,000 ± 250 Kms. Service  
Job Card No : .....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

DEALER / ASP COPY

15,000 ± 250 Kms. Service  
Job Card No : .....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

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PAID SERVICE / MAINTENANCE RECORD

---

DEALER / ASP COPY

12,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

CUSTOMER COPY

12,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

DEALER / ASP COPY

15,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

CUSTOMER COPY

15,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature



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PAID SERVICE / MAINTENANCE RECORD

---

CUSTOMER COPY

18,000 ± 250 Kms. Service  
Job Card No :.....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

DEALER / ASP COPY

18,000 ± 250 Kms. Service  
Job Card No :.....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

CUSTOMER COPY

21,000 ± 250 Kms. Service  
Job Card No :.....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

DEALER / ASP COPY

21,000 ± 250 Kms. Service  
Job Card No :.....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

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PAID SERVICE / MAINTENANCE RECORD

---

DEALER / ASP COPY

18,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

CUSTOMER COPY

18,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

DEALER / ASP COPY

21,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

CUSTOMER COPY

21,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

---

PAID SERVICE / MAINTENANCE RECORD

---

CUSTOMER COPY

24,000 ± 250 Kms. Service  
Job Card No :.....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

DEALER / ASP COPY

24,000 ± 250 Kms. Service  
Job Card No :.....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

CUSTOMER COPY

27,000 ± 250 Kms. Service  
Job Card No :.....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

DEALER / ASP COPY

27,000 ± 250 Kms. Service  
Job Card No :.....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

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PAID SERVICE / MAINTENANCE RECORD

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DEALER / ASP COPY

24,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

CUSTOMER COPY

24,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

DEALER / ASP COPY

27,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

CUSTOMER COPY

27,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

---

PAID SERVICE / MAINTENANCE RECORD

---

CUSTOMER COPY

30,000 ± 250 Kms. Service  
Job Card No :.....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

DEALER / ASP COPY

30,000 ± 250 Kms. Service  
Job Card No :.....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

CUSTOMER COPY

33,000 ± 250 Kms. Service  
Job Card No :.....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

DEALER / ASP COPY

33,000 ± 250 Kms. Service  
Job Card No :.....Date : .....  
Odo Reading : ..... Dealer Code : .....  
Brief Work Done :  
Dealer's Stamp & Signature

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PAID SERVICE / MAINTENANCE RECORD

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DEALER / ASP COPY

30,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

CUSTOMER COPY

30,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

DEALER / ASP COPY

33,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

CUSTOMER COPY

33,000 ± 250 Kms. Service

Brief Work Done :

Dealer's Stamp & Signature

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## REGIONAL & AREA OFFICES

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### R1 : Chandigarh, H.P, J&K, Punjab

Royal Enfield  
SC0-269, Second Floor,  
16 Sector,  
PANCHKULA (Haryana)  
Pin Code - 134 113.  
Ph: 0172 - 5011255, 5011251

### R2 : Delhi, Haryana, NCR & Rajasthan

Royal Enfield  
C/o EICHER  
ENGG.COMPONENTS  
Plot No. 7,  
HSIDC Industrial Area,  
Sector 18,  
Palam Gurgaon Road,  
GURGAON (Haryana) – 122 015.  
Ph: 0124 - 4278138, 4278139  
Fax: 4382148

Royal Enfield  
G-5, 6, 7, Gitanjali Towers,  
Ajmer Road,  
JAIPUR – 302 006.  
Ph: 0141 - 4106747, 4034748  
Fax: 0141 - 4106748

### R3 : Bihar, Uttaranchal & Uttar Pradesh

Royal Enfield  
UGF-109, Cross Road Plaza,  
Badshah Nagar Chauraha,  
Near Flyover,  
Faizabad Road,  
LUCKNOW – 226 006.  
Ph: 0522 - 4004640, 6569352  
Fax: 4005973

### R4 : Assam, N.E. & West Bengal

Royal Enfield  
C/o V.E.Commercial Vehicle Ltd.  
1st Floor, PS.Tower,  
No.13, Bondel Road,  
KOLKATA - 700 019.  
Tel: 033 - 40060206 / 0209

### R5 : Gujarat & M.P

Royal Enfield  
B-306, Shapath-IV,  
Opp. Karnavati Club,  
S.G. Highway,  
AHMEDABAD - 380 015.  
Ph: 079 - 29086118  
Fax: 079 - 40024461

### R6 : Goa & Maharashtra

Royal Enfield  
Plot No.16, Sector -1,  
Sion Panvel Highway, Nerul,  
NAVI MUMBAI - 400 706.  
Ph: 022 - 27700395, 27700501

Royal Enfield  
203, 204 Sneha Ganga,  
Near Vega Centre,  
Shankar Seth Road, Swargate,  
PUNE - 411 037.  
Ph: 020 - 40028090  
Fax: 24447174

### R7 : A.P Chattisgarh, Jharkhand & Orissa

Royal Enfield  
Plot No. 3,  
Kandukuri Business Chambers,  
Sunder Nagar Colony,  
Beside ESI Hospital,  
Erragadda,  
Hyderabad - 500 038.  
Ph: 040 - 40213540

Royal Enfield  
A Unit of Eicher Motors Ltd.  
407, 4th Floor,

Nirmala Plaza, Forest Park,  
BHUBANESWAR - 751 009.  
Ph: 0674 – 6540206

### R8 : Karnataka, Kerala, Tamilnadu & Puducherry

Royal Enfield  
Plot No. 350 to 354,  
2nd Floor, 4th Link Street,  
Nehru Nagar Industrial  
Area,  
Kottivakkam,  
(OMR-IT Highway),  
CHENNAI - 600 096.  
Ph:044 - 42070661, 24540828

Royal Enfield  
Door no. 2067/1, 2068/2,  
East End "A" Main  
9th Block, Jayanagar,  
BANGALORE - 560 069.  
Ph: 080-22440588, 41753277,  
41536488

Royal Enfield  
25/85A, Opp. to IOC Pump,  
Koonamthai,  
Edappally Post,  
KOCHI - 682 024.  
Ph: 0484 - 6494990, 6494991  
Fax: 2543616

**LOG BOOK**

Sl. No.	Date	Kms.	Details	Idling Co%	Authorised Dealer / Service Point	
					Job Card No.	Stamp & Signature



**LOG BOOK**

Sl. No.	Date	Kms.	Details	Idling Co%	Authorised Dealer / Service Point	
					Job Card No.	Stamp & Signature

LOG BOOK

Sl. No.	Date	Kms.	Details	Idling Co%	Authorised Dealer / Service Point	
					Job Card No.	Stamp & Signature

**LOG BOOK**

Sl. No.	Date	Kms.	Details	Idling Co%	Authorised Dealer / Service Point	
					Job Card No.	Stamp & Signature

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LOG BOOK

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Sl. No.	Date	Kms.	Details	Idling Co%	Authorised Dealer / Service Point	
					Job Card No.	Stamp & Signature

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# VEHICLE INSTALLATION FORM

Dealer's Name				Date											
Place of Dealership				Dealer Code											
Engine No.				Coupon No.											
Chassis No.				Installation Date.											
Customer's Name				Taluk											
Door No. & Street				State											
Village / Town				STD Code											
District				Telephone Residence											
Pin Code				Bike Regn. No.											
Telephone Office				Invoice No.											
E-mail address : if any				Delivery Note / Advice No.											

Age in Years				Monthly Household Income				Expected Average KMs Per Day				Mode of Purchase			
18-20 Yrs	AG 01	36-40 Yrs	AG 05	Below Rs. 10,000	ME 01	Lesser than 10 KMs	KM01	Cash	MP 01						
21-25 Yrs	AG 02	41-45 Yrs	AG 06	Rs. 10,000-20,000	ME 02	11 - 30 KMs	KM02	Bank Finance	MP 02						
26-30 Yrs	AG 03	Above 45 Yrs	AG 07	Rs. 20,000-50,000	ME 03	13 - 15 KMs	KM03	Organised Company Finance	MP 03						
31-35 Yrs	AG 04			Above Rs. 50,000	ME 04	Above 50 KMs	KM04	Local Finance	MP 04						
								Loan from friends	MP 05						

Educational Qualification				Profession			
10th - 12th	CQ 01	BE	CQ 05	Private Company Employee	CP 01		
Diploma	CQ 02	MBBS	CQ 06	Government Employee	CP 02		
Graduate	CQ 03	CA	CQ 07	Sales Representative	CP 03		
Post - Graduate	CQ 04	MBA	CQ 08	Bank / Insurance Employee	CP 04		
				Software Engineer or IT / ITeS Emps	CP 05		
				Public Sector Employee	CP 06		
				Farmer / Agriculturist	CP 07		
				Student	CP 08		
				Contractor	CP 09		
				Small Trader / Shopkeeper	CP 10		
				Businessman	CP 11		
				Doctor	CP 12		
				Lawyer	CP 13		
				Engineer	CP 14		
				Chartered Accountant	CP 15		
				Others (Please mention) :	CP 16		

Purpose of use			
Family Vehicle	P 26	To Commute Res-College	P 31
Personal Vehicle	P 27	To carry load business	P 32
To move around / as part of work / Business	P 28	To go around with friends	P 33
Commuter Between Residence and Office	P 29	No Specific Purpose / Received as Gift	P 34
To run Family Errands	P 30	For long distance/ leisure rides only	P 35
		Any other	P 36

Usage Road Type			
Hilly Road	RT 01		
Plain Road	RT 02		
Kutcha Road	RT 03		
Highways Road	RT 04		
City Road Congested	RT 05		
City Road Non - Congested	RT 06		
Mixed type of Road	RT 07		

What was the major reason in deciding to purchase Royal Enfield's bike?			
Riding Comfort	SP 01		
Stability	SP 02		
Safety	SP 03		
Loading carrying Capacity	SP 04		
Image / Status	SP 05		
Fuel Consumption	SP 06		
Suggested by Friends	SP 07		
Suggested by Local Mechanics	SP 08		
To Cover Long Distance	SP 09		

Have you visited Royal Enfield website?    Yes     No

**For Office use- only**

Vehicle Installation Form (VIF) No.

What Vehicle do you own now ?

Motor Cycle

First Time Two - Wheeler Buyer	FB 01	<b>HERO HONDA / HERO</b>		Yamaha SS 125	EY 13	Bajaj Pulsar 200 / 220	BA 15
<b>ROYAL ENFIELD</b>		HH CD 100 / CD 100 SS	HH 01	Yamaha SZX	EY 14	Ninja 250R	BA 16
Royal Enfield Bullet 350 (CI)	RE 01	HH Sleek	HH 02	Yamaha SZR	EY 15	Ninja 650R	BA 17
Royal Enfield Bullet DLX	RE 02	HH Splendor	HH 03	Yamaha FZ16	EY 16	KTM Duke	BA 18
Royal Enfield Bullet Campus	RE 03	HH Street / DLX	HH 04	Yamaha FZ5	EY 17	<b>TVS - SUZUKI / TVS</b>	
Royal Enfield Machismo	RE 04	HH CBZ Drum / Disc / ES	HH 05	Yamaha Fazer	EY 18	TVS - Suzuki Max 100	TS 01
Royal Enfield Machismo A350	RE 05	HH Passion	HH 06	Yamaha YZF - R15	EY 19	TVS - Suzuki Max 100 R	TS 02
Royal Enfield Lightning	RE 06	HH Ambition 125 /135	HH 07	Yamaha Enticer	EY 20	TVS - Suzuki Samurai	TS 03
Royal Enfield Lightning 535	RE 07	HH Super splendor	HH 08	Yamaha Above 500 cc	EY 21	TVS - Suzuki Shogun	TS 04
Royal Enfield Electra 45	RE 08	HH Splendor Plus / NXG	HH 09	<b>KINETIC</b>		TVS - Suzuki Shaolin	TS 05
Royal Enfield Electra 55	RE 09	HH Hunk / Extreme	HH 10	Kinetic KA 80	KE 01	TVS - Suzuki Fiero / ES	TS 06
Royal Enfield Thunderbird (LB)	RE 10	Hero Ignitor	HH 11	Kinetic K4 100	KE 02	TVS Sport	TS 07
Royal Enfield Bullet 350 UCE	RE 11	Hero Impulse	HH 12	Kinetic Challenger	KE 03	TVS Star City / DLX	TS 08
Royal Enfield Electra UCE	RE 12	Hero CD Dawn / DLX	HH 13	Kinetic GF Laser / 125 / 150	KE 04	TVS Max 4R	TS 09
RE Thunderbird Twin Spark	RE 13	Hero Splendor Pro	HH 14	Kinetic Aquila	KE 05	TVS Jive	TS 10
Royal Enfield Classis 350	RE 14	Hero Passion Pro	HH 15	Kinetic Stryker	KE 06	TVS Flame SR / DS	TS 11
Royal Enfield Classis 500	RE 15	Hero Glamour	HH 16	Kinetic Boss	KE 07	TVS Apache / RTR	TS 12
<b>SUZUKI MOTORCYCLE</b>		Hero Achiever	HH 17	Kinetic Velocity	KE 08	TVS Victor / GLX /GS	TS 13
Suzuki GW 250	SM 01	Hero CBZ Xtreme	HH 18	Kinetic Comet	KE 09	<b>LML</b>	
Suzuki Slingshot	SM 02	Hero Karizma / ZMR	HH 19	<b>BAJAJ</b>		LML Energy / FX	LM 01
Suzuki GS 150R	SM 03			Bajaj M80 / Major	BA 01	LML Adreno / FX	LM 02
Suzuki Heat	SM 04	<b>ESCORT YAMAHA / YM</b>		Bajaj KB 100 / RTZ	BA 02	LML Freedom DX / Prima / Topper	LM 03
Suzuki Zeus	SM 05	Escort Rajdoot	EY 01	Bajaj 4S Champion	BA 03	LML Graptor / Beamer	LM 04
Suzuki Above 500 cc	SM 06	Escort Ace	EY 02	Bajaj KB 125	BA 04		
<b>HONDA MOTORCYCLE</b>		Escort Yamaha RX 100	EY 03	Bajaj Boxer AT & CT	BA 05	<b>MAHINDRA</b>	
Honda Dream Yuga	HM 01	Escort Yamaha RX 135	EY 04	Bajaj Caliber / SM	BA 06	Mahindra Stallio	MA 01
Honda CB Twister	HM 02	Escort Yamaha RXZ	EY 05	Bajaj Acer 100	BA 07	Mahindra Macho	MA 02
Honda CB Shine	HM 03	Yamaha RX135(5S)	EY 06	Bajaj Pulsar 150 / 180	BA 08		
Honda CBF Stunner	HM 04	Yamaha YBX	EY 07	Bajaj Eliminator	BA 09		
Honda CB Unicorn	HM 05	Yamaha YD 125	EY 08	Bajaj Cageva CRX 3	BA 10		
Honda CB Unicorn Dazzler	HM 06	Yamaha Crux	EY 09	Bajaj Avenger	BA 11		
Honda CBR 150R	HM 07	Yamaha Libero	EY 10	Bajaj Platina 110/ 125	BA 12		
Honda CBR 250R	HM 08	Yamaha Gladiator	EY 11	Bajaj Discover 100 / 125 / 150	BA 13		
Honda Above 500 cc	HM 09	Yamaha YBR 110 / 125	EY 12	Bajaj Pulsar 135	BA 14		

Scooters

LML	SC 01	Bajaj	SC 02	Kinetic	SC 03	Piaggio	SC 04	Hero	SC 05
TVS	SC 06	Suzuki	SC 07	Honda	SC 08	Yamaha	SC 09		

Mopeds

Bajaj	MD 01	TVS	MD 02	Escorts	MD 03	Hero Puch	MD 04		
Kinetic	MD 05	Hero Majestic	MD 06	Avanti	MD 07				

Car (Below 1000 cc)	CR 01	Car (1000 to 2000 cc)	CR 02	Car (Above 2000cc)	CR 03	Others	OT 01
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The reason I have booked and willing to wait for a Royal Enfield is

TICK THE OPTION MOST SUITABLE	Definitely Agree	Agree	Maybe	Disagree	Definitely Disagree
Because it is my dream bike since childhood.					
There is no other 350cc bike.					
This kind of styling is not available on any other bike.					
Because this is a Royal Enfield am willing to wait.					
Other Reasons.					

I would rate my experience in this counter as-

TICK THE OPTION MOST SUITABLE	Excellent	Good	Could be better	Not good	Extremely Bad
Attitude and Capability of people.					
Test ride.					
Communication during waiting period.					
Ease of booking and other formalities.					
Bike delivery and information given.					

Customer's Signature & Date

Dealer's Signature & Rubber Stamp Seal

Format No. F/14A/CS/03, Sep 2012 DLR/CS Copy





# PRE DELIVERY INSPECTION LIST

MODEL: BULLET 350 / ELECTRA / CLASSIC 350 / CLASSIC 500 / BULLET 500

Model :				Engine No:			
Dealer's Name :				Location:			
Colour :				Key Number :			
Battery Number :	Battery Make :		Tyre Number :	Front :			Rear :
Aggregate	Area	Defect Code	Measure	Defect #1	Defect #2	Defect #3	Remarks
<b>CHASSIS / ENGINE NUMBER</b>	1 Engine / Vehicle Number Details	DF	Same				
<b>CONNECT BATTERY / CHECK VOLTAGE</b>	2 Battery Charging	D / NC / Weak Cell	12 V BATTERY 13.5 V BATTERY (For Bu.500)				
<b>ENGINE OIL</b>	3 Replace oil & oil filter / Check Oil level (3 Drain Bolts system Hex 19mm, 8mm X 2nos and Hex 12mm head bolts)	EO - (Drained Oil Level)	2.5 Litres (Capacity is 2.75 Litres) - Remove 3 Drain Bolts to Drain the complete Oil				
	4 Clean Primary Oil Strainer screen	-	Clean				
<b>LOCK OPERATION</b>	5 Ignition / Side / Tool Box Lock / Fuel Tank Lock	H / LF / NW	Same				
<b>PETROL</b>	6 Fill Petrol	-	5 Litres				
<b>FRONT WHEEL</b>	7 Brake Lever Free Play	EP / T	2-3 mm / (STD)				
	8 Caliper Mounting Bolts	LF	2.7 to 3.0 Kgm				
	9 Front Wheel Rotation	W / T / LF / N	Free ( Check Spokes Looseness & Runout				
	10 Front Mudguard Alignment / Cover Tube Rubbing	M / RB	Straight				
	11 Front Wheel Nut	LF	7.0 to 7.7 Kgm				
	12 Front Tyre Condition (Check Tyre Line Seating)	WF	Good				
<b>CLUTCH</b>	14 Clutch Operation	H / N	Smooth				
	15 Clutch Lever Free Play	EP / V / T	2 - 3 mm				
<b>HANDLE BAR CONTROLS &amp; ELECTRICAL SWITCH OPERATIONS</b>	16 Accelerator Operation	T / SY	Smooth				
	17 Lever Brackets Tightness	LF	Tight				
	18 Switch Modules Tightness	LF	Tight				
	19 Steering Movement	T	Free				
	20 Handle Bar Positioning	WF	W.r.to Dot Punch				
	21 Lock Nut T- Stem	LF	4.5 to 5.5 Kgm				
	22 Electrical Switch Operation	NW / F	No Defects				
<b>FUEL SYSTEM</b>	24 Fuel Tap Operation	H / NW	Smooth / Main / Reserve				
	25 Fuel Leak	L	No Leak ( Tank, Tap, Carburetor)				
	26 Fuel Tank Alignment	M	Straight				
<b>REAR WHEEL</b>	27 Rear Brake Pedal Free Play	T / EP	20 - 30 mm				
	28 Pedal Position w.r.t. foot rest	DF	Same Level				
	29 Chain Tension	T / EP	20 - 25 mm				
	30 Rear Wheel Rotation	W / T / LF / N	Free (Check Spokes Looseness & Runout)				
	31 Anchor Pin Nut	LF	4.5 Kgm				
	32 Rear Mudguard Alignment	M	Straight				
	33 Rear Tyre Pressure	LESS	32 PSI				
	34 Rear Tyre Condition (Check Tyre Line Seating)	WF	Good				
	35 RR Shock Absorber Operation / Adjustment	H / N / AD	Smooth				

AESTHETICS	36	Mudguards - Paint Related	SC / PD / R / DN	No Defects (Mudguards / Fuel Tank / Tool Box)				
	37	Fuel Tank - Paint Related	SC / PD / R / DN	No Defects				
	38	Tool Box - Paint Related	SC / PD / R / DN	No Defects				
	39	Head Lamp Casing - Paint Related	SC / PD / R /	No Defects				
	40	Powder Coated Parts (Scratch / Rust / Chipped OFF)	SC / PD / R	No Defects				
	41	Plated Parts (Scratch / Rusty)	SC / R / PO	No Defects (Mudguards / Fuel Tank / Wheel Rim / Indicator)				
	42	Buffed components poor Buffing & Scratches	SC / DU	No Defects				
	43	Seat Alignment	M	No Defects				
	44	Indicators Alignment (MFR / Amber)	M	No Defect / Colour				Lens Colour Check
	45	Stickers / Knee Pads	M / LF / SC	No Defects				
OTHERS	46	Nuts, Bolts, Fasteners (Torque)	LF	Tight (RH, LH Cover / Engine Foundation / Accessories / Wheel Nut)				
	47	Owner's Manual & Tool Kit Content	-	Availability				
	48	Spare Fuse in Fuse Carrier	NA	-				
TEST RIDE	49	Starting ( Kick Start / Self Start)	ST / N	Easy Start				
	50	Front / Rear Brakes Effectiveness / Feel	AD / SG	Sharp				
	51	Pulling	P	Straight				
	52	Vibration	V	Smooth				
	53	Wobbling	W	No Defects				
	54	Fork / Chain Noise	N	No Defects				
	55	Engine Performance / Gear Shifting / TPS Setting	N / ST / J / H	Smooth				
	56	Any Rattling / Squeaking Noise	N	Nil (Silencer / Accessories / Body Parts / Suspension)				
STATIC CHECK (AFTER TEST RIDE)	57	Easy Start (Hot Condition)	ST / NW	Smooth				
	58	Leak	L	No Leak (Oil / Fuel / Hydraulic / Acid Leakage)				
	59	Smoke / Oil Droplets in Silencer	SK / EO	No Smoke				
	60	Cam Noise / Top End Noise	N	Smooth				
ANY OTHER								
<b>Note **</b>	<b>Any Abnormal Noise or Engine Open cases during PDI Inform to Plant / factory</b>							

#### INSTRUCTIONS

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Check the vehicle thoroughly for any transit damages or shortage of parts.</li> <li>2. Carry out all jobs listed under Pre-delivery Inspection Schedule.</li> <li>3. Thoroughly road - test the vehicle for performance.</li> </ol> | <ol style="list-style-type: none"> <li>4. Please ensure delivery of the vehicle in brand new condition.</li> <li>5. Claim transit loss and damage through 'TRANSIT' insurance only.</li> <li>6. Claim Parts replaced for Manufacturing defects only under warranty.</li> </ol> |
|---|--|

Misalignment	Noise	Vibration	Leak	Starting Trouble/Missing	Less	Wobbling	Loose Fitment	Discharging	Tight	Fused	Scratch	Pulling	Dent	Wrong Fitment	Hard	Jerking
M	N	V	L	ST	LESS	W	LF	D	T	F	SC	P	DN	WF	H	J

Excess Play	Different	Spongy	Sticky	Not Available	Smoke	Adjustment	Not Working	Paint Defect	Rust	Peel Off	Dull	Excessive Oil	Rubbing	Not Charging
EP	DF	SG	SY	NA	SK	AD	NW	PD	R	PO	DU	EO	RB	NC



## BIKE INSTALLATION CONFIRMATION BY CUSTOMER

We congratulate you on becoming a proud owner of Royal Enfield bike. We request you to give this feedback after completion of the delivery process.

		YES	NO
1	Bike Documents explained (Invoice, Insurance, RC / Road Tax Receipt)		
2	Owner's Manual received		
3	Recommended Lubricants explained		
4	Maintenance Schedule sheet in Owner's Manual shown and explained		
5	Next Free Service due explained		
6	All Free / Paid Services explained		
7	Warranty Guidelines explained		
8	"Running in period" details shown in the manual explained		
9	Service Station Address given and Location explained		
10	Service Incharge Name & Mobile No given		
11	Bike delivered in neat and clean condition		
12	Tool Kit & First Aid Kit received and explained		
13	Control Switches & Disc Brake System usage explained		
14	Fuse Box location shown and explained		
15	Recommended Tyre Pressure explained		
16	Bike starting & Gear shifting procedure explained		
17	Quantity of Fuel in Fuel Tank informed		
18	Bike orientation & short distance drive provided		
19	Date and Time of Installation		
20	Name of Person who did Installation		

Suggestions If Any:

CUSTOMER  
SIGNATURE

Model:

Registration No.:

Chassis No.:

***We thank you and request you to return this filled up form to the person who did the bike installation for you***

***KEEP RIDING***

**FORM 22**

[See Rules 47(g), 115, 124 (2), 126A and 127 (1), 127 (2)]

**INITIAL CERTIFICATE OF COMPLIANCE WITH POLLUTION STANDARDS, SAFETY  
STANDARDS OF COMPONENTS AND ROAD WORTHINESS**

Certified that the following vehicle complies with the provisions of the Motor Vehicles Act, 1988, and the rules made there under, including the following mass emission norms:

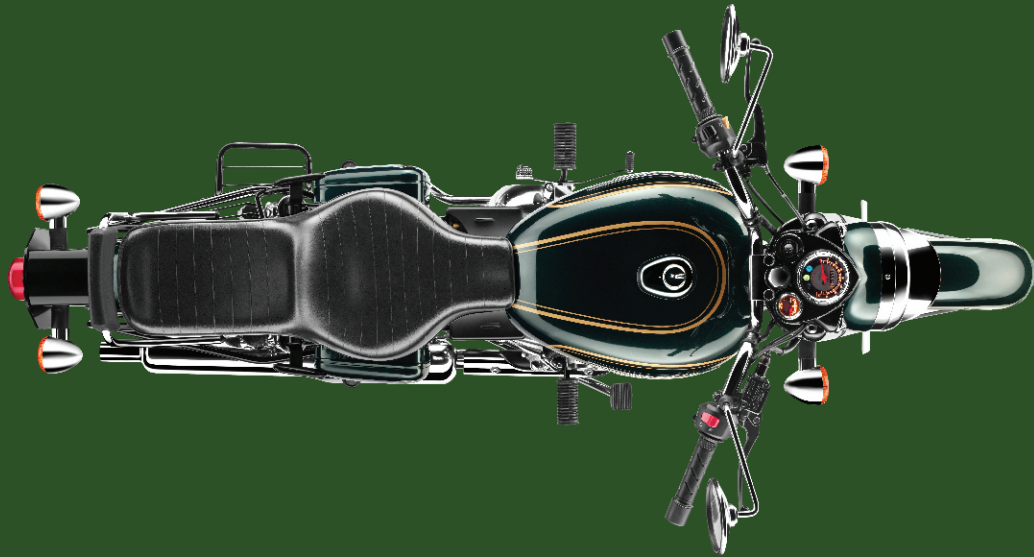
Brand name of the vehicle	:-	Bullet 500
Chassis number	:-	
Engine number/motor number (in case of battery operated vehicles)	:-	
Sub-rule No. of rule	:-	115(2)(i), 115(14)(F)
Emission norms [Bharat Stage-I/II/III/Bharat (Trem) Stage-III etc.]	:-	<b>Bharat Stage III</b>

Date :

For **ROYAL ENFIELD**

*Kalish Kr Pothal*

Quality Assurance



## ROYAL ENFIELD

Royal Enfield, A Unit of Eicher Motors Limited, Tiruvottiyur High Road, Tiruvottiyur, Chennai - 600 019.

Ph: 044 4223 0400, Fax: 044 4201 1719. E-mail: [customerservice@royalenfield.com](mailto:customerservice@royalenfield.com)

[www.royalenfield.com](http://www.royalenfield.com)