ROYAL ENFIELD OWNER'S MANUAL

BS VI



ABS
DUAL CHANNEL

Royal Enfield Support

1800 - 210 - 0007

1. **Roadside Assistance**
2. **Product Update**
3. **Feedback**
4. **Dealer Locator**

To access dealer details scan the QR code

@royalenfield | www.royalenfield.com | Support@royalenfield.com

Download the ROYAL ENFIELD APP and explore more

GET IT ON Google Play

Available on the App Store

FOREWORD

Congratulations!

Welcome to the Royal Enfield family. And to a world of motorcycling that has an enviable heritage, including being the world's oldest motorcycle marquee in continuous production.

In your Hunter 350, meet modern technology with an all-new 349 cc air-oil-cooled engine a new frame, unmatched rideability refined experience

- Modern Classic design language with RE DNA
- Nimble & AGILE - EASY to ride
- Sleek/Lean looks- Nimble in traffic
- Fun and Simple City Ride- Fun to Ride on city and highway both.
- Simple yet stylish
- Cool motorcycle with vibrant CTG options

This manual will guide you and help you to operate and maintain your Hunter 350 motorcycle the right way.

Please do avail all the services at your nearest Royal Enfield Authorised Service Centre, ensuring your ride gets the best care always.

Do read through the terms and conditions of warranty and other useful information given in this manual before you ride. For support and any other information, please call 18002100007, any time between 9am and 9pm, any day of the week.

Let the rides begin!

NOTICE

All information in this manual is based on the latest product information available at the time of publication. Due to continuous improvements. there may be differences between the information provided in this manual and information related to your motorcycle.

Always consult an authorized Royal Enfield dealer for the latest specifications. features etc. Royal Enfield reserves the right to make production changes at any time without prior notice and without incurring any obligation to make the same or similar changes to a motorcycle previously built or sold.

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

Accessories and features may not be part of standard equipment. Technical specifications are subject to change without prior notice at the sole discretion of Royal Enfield.

"© Copyright 2022 Royal Enfield (A unit of Eicher Motors Ltd.). All Rights Reserved. No part of this manual shall be copied. distributed or otherwise dealt without the express permission in writing from Royal Enfield".

DISCLAIMER

1. Do not polish matt finished paint surface in your motorcycle as it will increase the gloss level.
2. Wash the painted parts only with plain water and do not use any strong solvents cleaning agents or detergents.
3. Scratches, if happens on the matt finish parts cannot be touched up and corrected / removed.
4. Warranty is not applicable for any matt finished painted parts of the motorcycle.

NOTE

- This motorcycle meets the BS VI emission norms.

Part No. RAM00249/A / Qty / March 2022

CONTENTS

Safety definitions 4
Personal and motorcycle information 5
Safe riding tips / guidelines 6
Rules of the road 11
Accessories and luggage 14
Technical specifications 17
Recommended lubricants 22
Motorcycle identification numbers 23
Engine number details 24
Location of key parts 25
Operation of controls 28
Warning indications and safety systems 45
Pre-operational checks 49
Running in period 50
Starting 51
Gear shifting, riding and stopping 55
Parking 58
Tools kit 59
First aid kit 60
Minor maintenance tips 61
Rear suspension setting 75
Long trip precautions 77
Washing procedure 78
Storage precautions 81
Environment care 82
Periodic maintenance chart 83
Warranty terms and conditions 89
Emission warranty 92
EVAP 98
Service / Maintenance record 100
Notes 101

SAFETY DEFINITIONS

The information given under the titles : Warning, Caution and Note are for your safety and for the care and safety to your motorcycle and others. Please read these carefully and if disregarded may result in injury to yourself or others and damages to the motorcycle.



WARNING

Indicates a potentially hazardous situation. Disregarding this message will result in injury to rider or other persons.

CAUTION

This message, if disregarded, will result in damage to the motorcycle.

NOTE

Indicates important and useful messages for better understanding.

PERSONAL AND MOTORCYCLE INFORMATION

Name			
Door No. / Street			
Locality / Town			
City		Country	
Contact No.	Res :	Off :	
	Mobile :	Email :	
Licence No.		Valid till :	
Model		Color :	
Engine No.			
VIN. No.			
Tyre make	Front :	Rear :	
Tyre Nos.	Front :	Rear :	
Battery make		Battery No.	
Sold by			
Date of Sale			

SAFE RIDING TIPS / GUIDELINES

- Before operating your new motorcycle, we request you to carefully read and follow the operating and maintenance instructions detailed in this manual for the safety of your own, your motorcycle and also that of others.
- Know and adhere to the rules of the road with respect to your driving country.
- Before starting the motorcycle, check for proper operation of brakes, clutch, gear shifter, handle bar controls, tyre pressures, fuel and oil levels, etc.
- Use only genuine Royal Enfield spare parts and approved accessories. Use of other manufacturer's parts may affect the performance of your motorcycle and render the motorcycle void of warranty.

  Visit your Royal Enfield Authorised Service Centre for details.
- Whenever refueling your motorcycle, please exercise utmost caution and carefully observe the following guidelines.
  - ★ Refuel in a well ventilated area with the engine turned off condition.
  - ★ Open the fuel tank cap slowly.
  - ★ Switch "OFF" mobile phones and other hand held electronic devices.
  - ★ Do not smoke and please ensure that there are no open flames or sparks near the motorcycle, when refueling or servicing the fuel system.

★ Do not fill the fuel in tank to its brim. Please fill fuel till the bottom of anti splash plate, so as to leave sufficient air space in the fuel tank to allow for fuel expansion.



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 accident.

- A new motorcycle must be operated according to the special running-in-procedure. See running-in-procedure mentioned in respective 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 ride too fast for existing conditions. Always reduce speed when poor riding conditions exist. High speed increases the influence of any other condition affecting stability and increases the possibility of loss of control.

SAFE RIDING TIPS / GUIDELINES

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 motorcycle. New riders should again experience under various conditions while driving moderate speeds.

Pay strict attention to road surfaces and wind conditions. Any motorcycle may be subject to the following up-setting forces :

- ★ Wind blasts from passing vehicles.
- ★ Rough or uneven road surfaces.
- ★ Slippery road surfaces.

These forces may affect the handling characteristics of your motorcycle. If this happens, reduce speed of the motorcycle to a controlled condition. Do not apply brake abruptly.

- ■ Operate your motorcycle defensively. Remember that a motorcycle does not afford the same protection as an automobile in an accident. One of the most common accident situations occurs when the rider / driver of the other motorcycle / vehicle fails to see or recognise a motorcycle and turns into the oncoming motorcyclist.
- ■ Wear an approved helmet, clothing and footwear suited for riding a motorcycle. Bright / light colours are best for greater visibility in traffic, especially at night. Avoid loose, flowing garments and scarves.

SAFE RIDING TIPS / GUIDELINES

- 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.



WARNING

- Regularly inspect shock absorbers and front forks and look for leaks. Replace worn out parts. Worn out parts can adversely affect stability and handling.
- 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 / durability / longevity operation of your motorcycle.
- Avoid any contact with the exhaust system when hot. 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 to touch, even after the engine is turned off. Failure to wear proper or protective clothing could result in serious injury.
- Exhaust gas contains poisonous carbon monoxide and chemicals, known to cause cancer, birth defects or other reproductive defects, durability / longevity operation of your motorcycle.

SAFE RIDING TIPS / GUIDELINES



WARNING

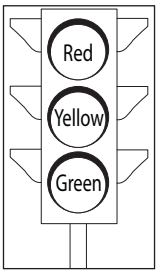
- Motorcycle batteries contain lead, acids and chemicals known to cause cancer, birth defects or other reproductive harm. Exercise extreme caution while handling a battery, wash hands thoroughly whenever a battery is handled.
- Consult your Royal Enfield Authorised Service Centre regarding any questions or problems that occur in the operation of your motorcycle. Failure to do so may aggravate an initial problem, cause costly repairs and jeopardize your personal safety.
- Do not tow a motorcycle. The steering and handling of the towed motorcycle will be impaired due to the force of the towline. If a motorcycle must be transported, use a truck or a trailer.
- Do not pull a trailer behind a motorcycle. Towing a trailer may cause reduced braking efficiency, tyre overloading and unstable handling, as it may cause loss of control of the motorcycle in the front, leading to an accident.

RULES OF THE ROAD

- Be sure your number plate is installed in the position specified by law and it 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 while riding on the following surfaces:
  - ★ Dusty
  - ★ Oily
  - ★ Icy
  - ★ Wet
  - ★ Sand
- Do not tow a motorcycle. The steering and handling of the towed motorcycle will be impaired due to the force of the towline. If a motorcycle must be transported, use a truck or a trailer.
- Keep to the correct side of the road center line, when meeting oncoming vehicles.
- 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 motorcycle on your left or right. Do not presume you have the right-of-way.
- Adhere to the rules of the road with respect to your country when preparing to stop, turn or pass. While turning either right or left, watch for pedestrians, animals, as well as other vehicles.

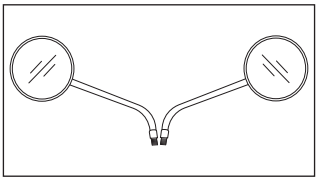
RULES OF THE ROAD

- All traffic signs, including manual controls at intersections, should be obeyed promptly. Slow down at traffic signs near schools and caution signs at rail road crossings.
- When intending to turn, signal at least 100 feet (30.5 m) 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.
- When parking the motorcycle, park on a firm and flat surface to prevent it from falling over.
- Protect your motorcycle against theft. After parking your motorcycle, ensure that the steering head is locked and then remove the ignition key.

SIDE VIEW MIRRORS



Your motorcycle is equipped with convex mirrors and have a curved surface. This type of mirror is designed to give a much wider view of the rear than a normal flat mirror. However, vehicles 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 vehicles / objects seen in these mirrors.

NOTE

To establish the relative distance of vehicles / objects behind your motorcycle through the mirrors, 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 with reference to your riding posture.

ACCESSORIES AND LUGGAGE

We strongly advise that you do not add any accessory rack that were not specifically designed for your vehicle by Royal Enfield or make modifications to your vehicle from its original design. Doing so can make it unsafe.

Modifying your vehicle may also void your warranty and make your vehicle illegal to operate on public roads. Before deciding to install accessories on your vehicle be certain the modification is safe and legal.

Please adhere to the following guidelines when carrying a pillion, luggage or when fitting any accessories.

- Do not exceed 110 kmph when riding solo, carrying a pillion or payload on an accessory equipped motorcycle.
- Keep luggage weight concentrated close to the motorcycle and as low as possible; this minimizes sudden shift in the motorcycle's center of gravity.
- Distribute weight evenly on both sides of the motorcycle.
- Do not load bulky items behind the rider or add weight to the handlebars or front forks.
- Re-check the luggage periodically to ensure it is secured and will not shift while riding. Accessories mounted loosely may affect the riding of the motorcycle and affect the handling and stability of the motorcycle.
- Large surfaces such as fairings, windshields, backrests and luggage racks can adversely affect handling of the motorcycle. Use only Royal Enfield genuine motorcycle accessories which are model specific and follow installation procedure.

ACCESSORIES AND LUGGAGE



WARNING

- Do not load weight or install accessories incorrectly on the motorcycle. Doing so may affect the motorcycle's stability, handling characteristics and safe operation and could result in an accident causing serious injury or loss of life.
- Royal Enfield offers a range of genuine motorcycle accessories that have been fully approved and extensively tested alongside the motorcycle.
- Royal Enfield cautions you against use of non standard parts such as aftermarket and custom made extended front forks which may adversely affect the performance and handling of the motorcycle. Removing or altering original parts may adversely affect the performance of the motorcycle, causing an accident, which could result in serious injury or loss of life.
- Do not ignore model / design specifications. Doing so constitutes both motorcycle and accessories misuse which may adversely affect the handling and performance of the motorcycle causing an accident, which could result in serious injury or loss of life.

- Total weight and axle loads influence the handling characteristic of the motorcycle.

  The total weight consists of the following:

  A. Motorcycle ready for operation and with a full tank.

  B. Rider

  C. Passenger

  D. Protective clothing and helmet.

- Do not exceed the maximum permissible overall weight or the axle loads.
- If your motorcycle is equipped with saddlebags, a windshield or a passenger backrest, be prepared to reduce operating speed to maintain stability.



WARNING

- A high payload alters the handling characteristic and increases the stopping distance of the motorcycle.
- Riding off-road, riding with more than one passenger, or carrying weight exceeding the maximum weight rating can make handling difficult, which may cause loss of control of the motorcycle which may case injury to the rider.

TECHNICAL SPECIFICATIONS

ENGINE

Engine type	Single cylinder,4 stroke, SOHC
Bore	72 mm
Stroke	85.8 mm
Engine capacity (cc)	349.34 cc
Compression ratio	9.5:1
Max power	20.2 bhp @ 6100 rpm
Max torque	27 Nm @ 4000 rpm
Idle RPM	1050 ± 100 rpm
Starting	E-Start
Air filter element	Paper element

IGNITION SYSTEM

Ignition type	ECU controlled (with ECU map number)
Spark plug gap	0.7 to 0.8 mm
Spark plug	YR7MES / M12 Bosch

TECHNICAL SPECIFICATIONS

TRANSMISSION

Clutch	Conventional wet clutch
Primary drive	Gear
Primary ratio	2.313
Gear box	Constant mesh
Gear ratio	1st 2.615
	2nd 1.706
	3rd 1.300
	4th 1.040
	5th 0.875
Final drive	Chain
Secondary sprocket ratio	2.800:1
Drive chain links	104 links

CHASSIS

Frame	Twin downtube spine frame
Suspension	
Front	Telescopic, 41 mm forks, 130 mm travel
Rear	Twin tube emulsion shock absorbers with 6 step adjustable preload, 90 mm travel
Brakes	
Front disc	300 mm fixed disc with twin piston floating caliper
Rear disc	270 mm disc, single piston floating caliper
ABS	Dual channel

TECHNICAL SPECIFICATIONS

Tyre size

Type of Wheel	Standard type
Front	Alloy wheel - 110/70-17"54P (tubeless tyre)
Rear	Alloy wheel - 140/70-17"66P (tubeless tyre)

Tyre pressure

Tyre pressure	Solo	With pillion
Front	29 psi	29 psi
Rear	32 psi	36 psi

Steering lock.....	Integrated with ignition lock 43 (deg)
Fuel type.....	Petrol, upto E10 minimum
Fuel tank capacity	13* l
Minimum octane rating.....	91 RON
Low fuel warning.....	4* l (Including dead stock)
Fuel dead stock	1.5 ± 0.5* l

* The above values are approximate and the actual fuel filling capacity will vary from the values mentioned.

TECHNICAL SPECIFICATIONS

ELECTRICALS

Generation	Alternator (ACG)
Battery	12 V - 8 Ah VRLA (maintenance free)
Starter motor	12 V - 0.7 kW
Head lamp	12 V, H4 - 60/55 W Bulb
Position lamp	12 V, W5W Bulb
Brake / Tail lamp	12 V, LED type - 4.8/0.5 W
Speedometer lamp	12 V - LED
Hi-beam indicator	12 V - LED
Neutral lamp tell tale	12 V - LED
Turn signal tell tale	12 V - LED
Turn signal	12 V, 10 W x 2 nos
Hazard warning	12 V - 10 W x 4 nos
Horn	Single tone - 2.5 A
Charger Port	USB 2.0 Type A - 5 V 2 A output



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

TECHNICAL SPECIFICATIONS

DIMENSIONS

Length	2055 mm
Width	800 mm (without mirrors)
Wheel base	1370 mm
Ground clearance	150 mm
Total height	1055 mm* (without wind shield) *Mirrors are excluded for height measurement.
Saddle height	800 mm

WEIGHTS

Kerb weight (90% fuel)	181 kg
Gross vehicle weight	360 kg

NOTES

- Values / Dimensions given above are for your guidance only.
- In view of continuous improvements being done on our products, the specifications are likely to change without prior notice.
- Do not use the vehicle beyond the allowed gross weight. The suspensions and tyres are designed to perform only to the maximum gross vehicle weight.

RECOMMENDED LUBRICANTS

Engine Oil	
Grade	SAE 15W 50 API SL Grade JASO MA2 Semi synthetic
Capacity	Refill : 1.7 l (Approx.) Dry fill : 2.2 l (Approx.)

Front Fork Oil	
Grade	Royal Enfield Fork Oil
Capacity	452 ± 2.5 cc

Brake Fluid	
Grade	"SWASTIK DOT 4"
Capacity	Front : 87 ml Rear : 54 ml

* Do not mix DOT 4 & other brake fluids together

CAUTION

Use of wrong grade / mixed grade oil will reduce the life of the moving parts and seriously affect performance.

NOTE

Recommendation subject to change without notice.

MOTORCYCLE IDENTIFICATION NUMBERS

The VIN is a 17 digit number punched on the right side steering head tube in the form of label.

Sample VIN : ME3 J 3 D 5 F X X 2 XXXXXX

Manufacturer's code

Engine family name

Engine capacity

Model

(Hunter 350)

Type of transmission

Type of fuel system

Month of manufacturing

A - Jan., H - Aug., K - Sep., N - Dec.)

Production year

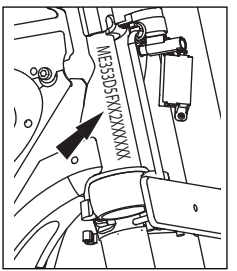
(2020:L, 2021:M, 2022:N)

Manufacturing plant

(1-Oragadam, 2-Vallam vadagal)

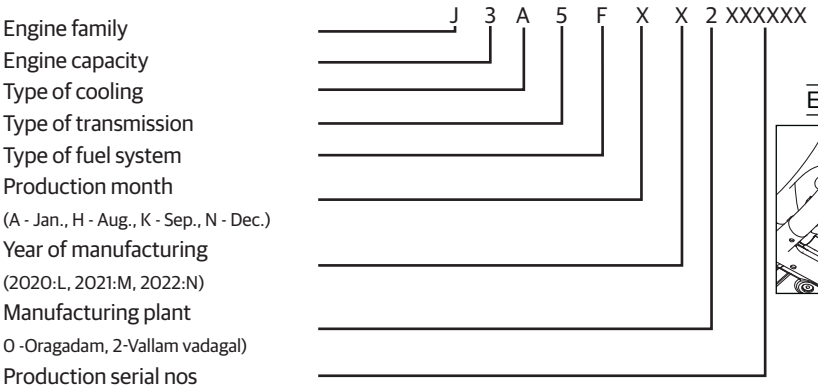
Production serial no.

FRAME NUMBER



ENGINE NUMBER - DETAILS

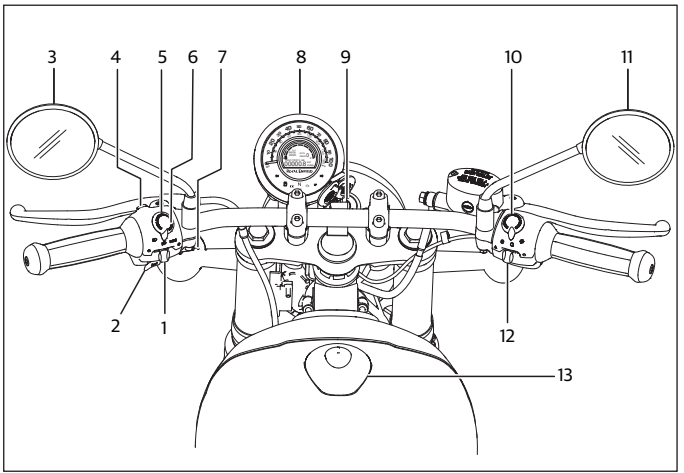
Identification of the engine serial number and its production details. It is illegal to tamper with the engine number as it is the only means of identifications of the engine.



ENGINE NUMBER

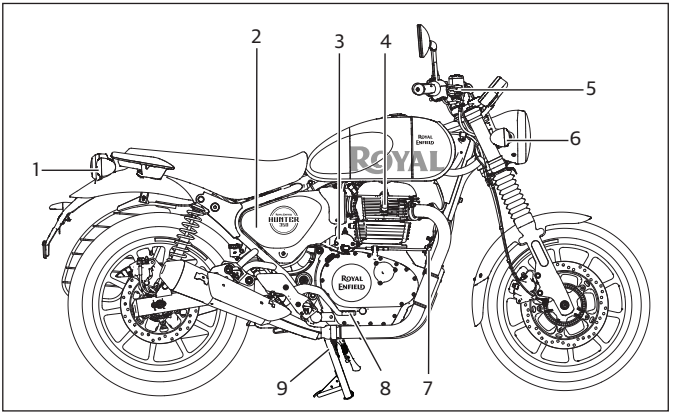


LOCATION OF KEYPARTS



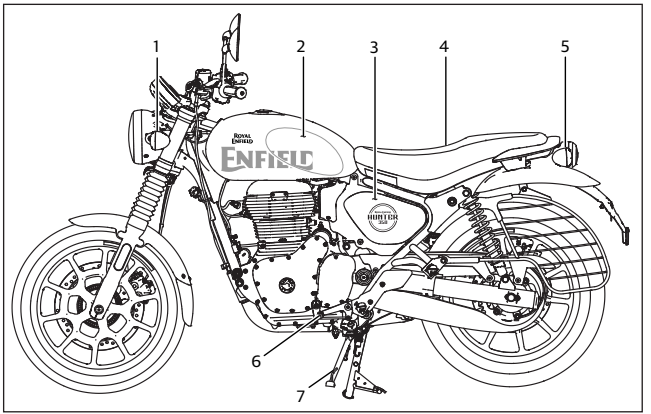
1. Turn signal switch
2. Horn button
3. Rear view mirror left side
4. Info switch
5. High beam / Low beam switch
6. Day flash switch
7. Charging port
8. Instrument cluster
9. Ignition key
10. Electric start switch / Kill switch
11. Rear view mirror right side
12. Hazard switch
13. Fuel tank cap

LOCATION OF KEYPARTS



1. Right trafficator rear
2. Right side panel
3. Starter motor
4. Spark plug
5. Brake lever front
6. Right trafficator front
7. Horn
8. Brake pedal
9. Center stand

LOCATION OF KEYPARTS

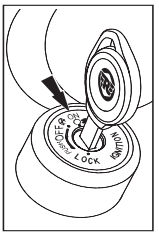


1. Left trafficator front
2. Fuel tank
3. Left side panel
4. Seat
5. Left trafficator rear
6. Gear change pedal
7. Side stand

IGNITION SWITCH

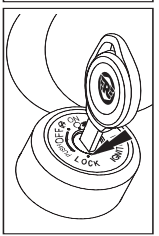
OFF

ON



STEERING LOCK

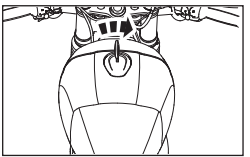
- Turn the handle bar to extreme left position.
- Push the key inside in "OFF" position, press and further turn to anticlockwise direction to lock the steering system.



- Turn the key in the clockwise direction to unlock the steering.

FUEL TANK CAP

- Turn key clockwise to open.
- Press cap to lock with key in position.



WARNING

- Do not overfill the fuel tank.
- Fill fuel only till the bottom of anti splash plate.
- Over filling may result in gasoline entering the EVAP canister and may damage the evaporative emission system.

CAUTION

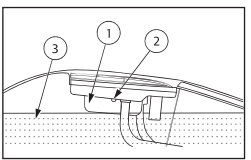
Gasoline vapour is highly explosive. Please ensure there are no open flames or sparks nearby while refuelling and fill fuel only in a well ventilated area.

Please ensure gasoline does not spill on painted surfaces. In case fuel spills over the painted surfaces wipe it off immediately as it may leave a permanent stain.

Do not smoke while refuelling or when fuel tank cap is open.

FUEL TANK

1. Fuel tank mouth
2. Splash arrestor
3. Maximum fuel level



WARNING

Do not overfill the fuel tank. Fill upto maximum fuel level & stop filling when the fuel reaches the bottom of splash arrestor. Failure to do so will lead to canister damage or can cause fuel spill out of fuel tank.

Petrol is highly explosive. Please ensure there are no open flames or sparks nearby while refuelling and fill fuel tank only in a well ventilated area.

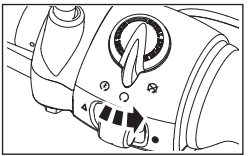
Please ensure petrol does not spill on painted surfaces. Wipe immediately incase fuel spills over as otherwise it will leave a permanent stain on the painted surfaces.

OPERATION OF CONTROLS

ENGINE STOP SWITCH

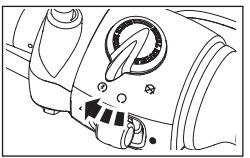
Engine "OFF"

Engine "ON"



E-START SWITCH

Push & hold till engine starts



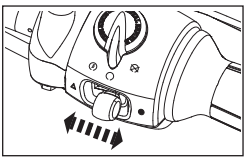
CAUTION

- In case of prolonged stoppage of vehicle, please turn off ignition key to avoid discharge of battery.

HAZARD LIGHT SWITCH

Hazard Light "ON"

OFF



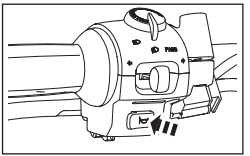
WARNING

- Turn signals do not work when the hazard light switch is "ON".
- All the trafficator lamps will flash simultaneously.

OPERATION OF CONTROLS

HORN

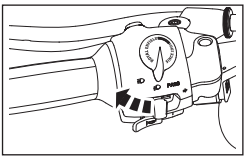
Press



DIMMER SWITCH

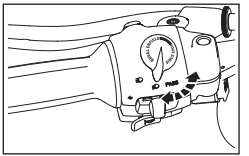
High beam

Low beam



DAY FLASH

■ Push for head light flash.

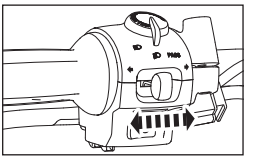


TURN SIGNAL SWITCH

⇦ Left turn signal “ON”

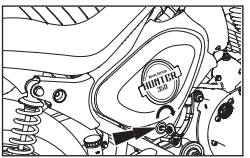
⇧ “OFF” (Push to cancel)

⇨ Right turn signal “ON”

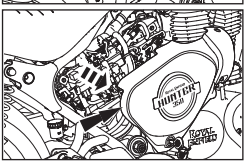


SEAT

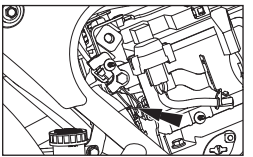
- Insert ignition key and turn it clockwise.



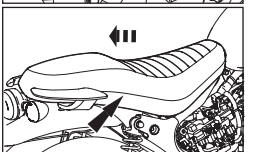
- Pull the side panel outside for opening the same.

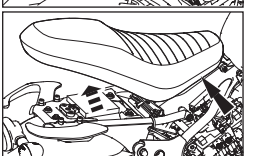


- Pull the seat release cable to release seat lock.



- Lift the seat from rear end and slide it towards tail lamp to remove seat.

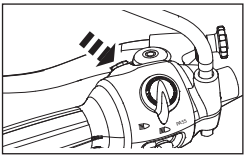




INFO BOTTON MANAGEMENT DETAILS

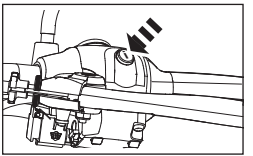
- LCD SEQUENCE (Info switch press <1 s):-

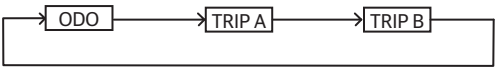
  If Trip F enabled.





- If Trip F not enabled.



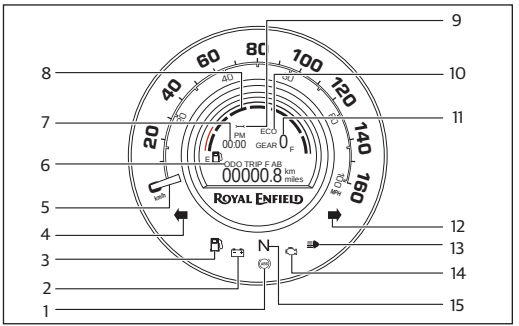


NOTE

- For trip re-set press info button for T>3 s.

OPERATION OF CONTROLS

INSTRUMENT CLUSTER

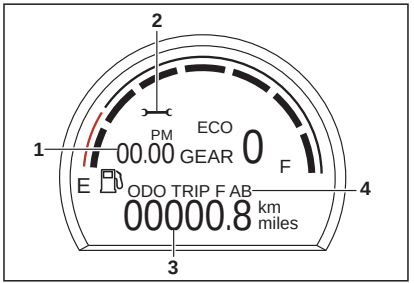


1. ABS MIL
2. Low battery
3. Low fuel indicator
4. Left turn indicator
5. Speedometer
6. ODO meter / Trip meter (A/B/F)
7. Clock
8. Fuel gauge
9. Service reminder
10. ECO mode
11. Gear indicator
12. Right turn indicator
13. High beam
14. EFI MIL
15. Neutral indicator

DISCLAIMER

- Cluster unit display may look dull during sun overhead conditions this is normal and due to impact of direct sunlight on the unit customers to refer during other riding conditions.

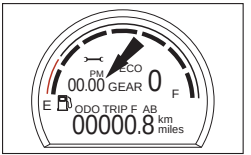
MAIN LCD



1. Clock
2. Service reminder
3. Odometer
4. Trip value (A/B & F)

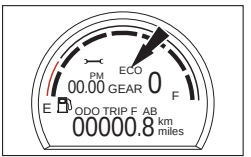
CLOCK

- Display in 12 hour format with AM / PM indication.
- Will reset to 12:00 AM when battery is disconnected.



ECO MODE

- Indicated when driven under optimum conditions.



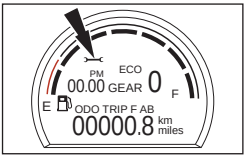
Function	Switch	Pressure time (s)	Action
Clock setting mode	INFO	Press and hold INFO switch for 3 seconds and release	In Ign "ON" and current display in ODO mode and no speed input (safety), press info button for specified time to enter into clock setting mode (hours will blink)
	INFO	Press and release INFO switch	Hours in the clock will increase
	INFO	Press and hold INFO switch for 3 seconds and release	Enter into minutes mode (minutes to blink)
	INFO	Press and release INFO switch	Minutes in the clock will increase
	INFO	Press and hold INFO switch for 3 seconds and release	Enter into unit mode (AM / PM will blink)
	INFO	Press and release INFO switch	Toggle between AM or PM
	INFO	Press and hold INFO switch for 3 seconds and release	Save data and exit clock setting mode

NOTE

- Incase no action is observed between clock setting function for more than 20 secs last shown value to be displayed.

SERVICE REMINDER

- In case of service reminder symbol is "ON". Please plan for scheduled service at an authorised service center.



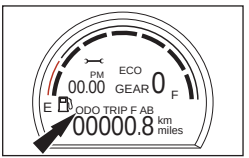
- Service reminder can be reset only by authorised personnel at service centre after service is completed.
- Service reminder symbol will flash on as per below distance input from odometer.
  i) 1st service - 450 km
  ii) 2nd service - 4,900 km
  iii) From there on for every 5,000 km from previous value (ex: 9,900, 14,900 etc.)

WARNING

- Do not use spray and wipe of any fluids like petrol, oil, soap oil.

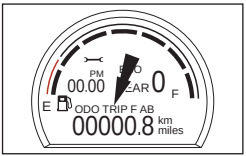
ODOMETER

- Displays the cumulative kilometers the vehicle has covered.



Function	Switch	Pressure time (s)	Action
ODO	INFO	Press and release INFO switch	Turning Ignition key "ON" displays ODO km in cluster and enter into Trip A mode
TRIP A	INFO	Press and release INFO switch	Trip A display mode and enter into Trip B mode
	INFO	Press and hold INFO switch for 3 seconds and release	Reset Trip A km value
TRIP B	INFO	Press and release INFO switch	Trip B display mode and enter into ODO/Trip F(If enable) mode
	INFO	Press and hold INFO switch for 3 seconds and release	Reset Trip B km value

TRIP "F" MODE



- Distance driven after low fuel tell tale is "ON".
- Cannot be re-set will be visible only when low fuel condition is sensed, will vanish if fuel is filled above low fuel condition.
- Display can be toggled using info button during this condition but will auto appear after 25 s linked with stand switch to avoid re-set when in side stand condition.
- If ridden > 200 km in Trip F condition "Low Fuel" will flash continuously on LCD. It is recommended not to ride vehicle in these condition as it will result in fuel pump damage.

TRIP "F" CONDITION

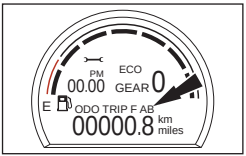
- Trip F will update only when kill switch is in "ON". condition.
- After fuel filling above reserve level Trip F will continue to show for few min which is a normal behaviour, this is to avoid wrong indication.
- Trip F reset will occur when riding in mid to rough roads condition due to frequent fuel oscillations this features to be used for reference purpose only and on smooth road surfaces.
- Trip F will update only when side stand is removed.

NOTE

- Fuel Indication will vary on rough road, uphill and downhill conditions, for accurate indication refer during slow speed or flat surfaces.

TRIP A / B

- Trip A / B indicates distance travelled in particular trip.

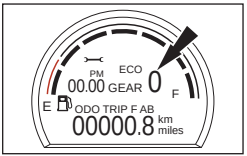


WARNING

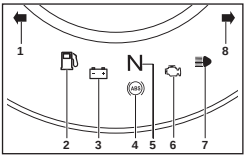
- Never attempt to operate the info buttons while riding the motorcycle. Doing so will cause loss of concentration and unstable riding, leading to a potential accident. Resulting in serious injury to both rider and other road users, besides causing severe damage to the motorcycle.

GEAR POSITION INDICATION

- Displays the gear position in which the vehicle is traveling.
- When in neutral the indication will be "0".
- When in gear the appropriate number between 1 to 5 will be displayed.



TELL TALES



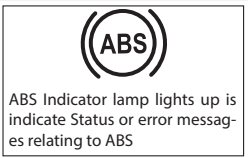
- (1) Turn left : Left turn signal "ON".
- (2) Low fuel Indication: Last segment blinking along with low fuel tell tale "ON" for low fuel condition.
- (3) Low battery indication : Indicator will glow continuously if ignition switch is "ON" & engine is not running. Indication will switch off as soon as engine is started. If battery voltage is below 12 V, indicator will glow continuously indicating a low battery.
- (4) ABS MIL : Will be continuously "ON" during initial check up (until or after vehicle running for a particular distance / speed) and will turn "OFF" if system is ok, then will light up again in case of any ABS system malfunction.
- (5) Neutral indicator : Transmission is in neutral.
- (6) EMS malfunction indication : Will be continuously "ON" in case of EMS malfunction.
- (7) High beam indication : Head lamp high beam "ON".
- (8) Turn right : Right turn signal "ON".

CAUTION

- Do not run motorcycle incase the malfunction remains "ON" continuously as it can cause severe damage to the ECU & Sensors. Please visit the nearest authorised Royal Enfield dealer to diagnose & rectify the defect in the EMS.
- Do not run motorcycle incase the ABS indicator lamp continuously "ON".

ABS INDICATOR LAMP

- When the ignition and engine kill switch are switched in "ON" position the ABS sign will glow and remain "ON" till the motorcycle attains a speed of 5 kmph / 3.1 mph and turns "OFF". If light up again in case of any ABS system malfunction.



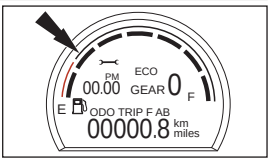
ABS Indicator lamp lights up is indicate Status or error messages relating to ABS

CAUTION

- Do not run the motorcycle incase of ABS indicator lamp is "ON" continuousely above 5 kmph / 3.1 mph.

FUEL GAUGE

- Digital with 7 segment bar graph.
- Last segment blinking along with low fuel tell tale "ON" for low fuel condition.

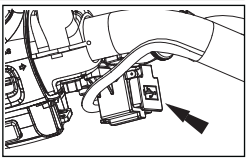


WARNING

- Do not use the motorcycle for long duration with the fuel indication in last segment blinking. Refuel at the earliest.
- Failure to do so will cause the motorcycle to run out of fuel and get stranded. In addition to causing serious damage to the fuel pump.

CHARGER PORT

- Charger port is located on left side handle bar beneath the turn signal switch.



WARNING

- Recommended not to use in rainy conditions to avoid damages to smart phones and charger, RE shall not be liable for any damage to smart phones.
- Do not use any other device other than mobile phones, only one mobile shall be charged at one point of time.
- Ensure proper insertion of USB cable, damages due to hard / wrong insertion of cable will not be entertained in warranty.
- Do not leave the USB port cap partially opened / closed to avoid any short circuit when not in use.
- Do not insert any metal or conductive materials inside USB charging port which may lead to short circuit.

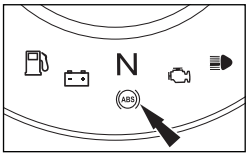
NOTE

- Charging port is provided only for charging purpose and no data transfer is enabled.
- Provided is only constant charging mode, fast / dash charging is not provided to be compatible with multiple make mobile phones and cannot be compared with performance of original smart phone chargers.
- Duration of charging can be higher and will vary for different make mobile phones depending on smart phone battery capacity, SOC and smart phone charging circuits.

CAUTION

- Customer to ensure USB port cap is closed and locked properly when not in use, warranty will not be provided if port cap is damaged and not sealed properly.
- If high current draw greater than 2.5 A is observed USB charger will shutdown please check your smart phone battery current ratings before using.
- USB charger will function only when engine is in running condition.
- Use standard approved and high quality USB cables for proper functioning.

ANTI-LOCK BRAKING SYSTEM (ABS)



- Anti-lock braking system (ABS) will help prevent the brakes from locking the wheels, during sudden application of the brakes at high speeds or at low friction surfaces. This will help the rider to have better traction and control over the motorcycle and prevent the motorcycle from skidding which can cause an accident.
- In the event of a sudden and hard application of the brakes by the rider, the sensors in the braking system will signal the ABS modulator to momentarily and continuously reduce the hydraulic pressure and thereby prevent the brakes from locking the wheels while reducing the speed of the vehicle. This will help the rider to control the motorcycle.
- An ABS indicator lamp is provided in the cluster (as shown in the adjacent image) to warn the rider in the event of any malfunction of the ABS.
- When the ignition and engine kill switch are switched in "ON" position the ABS sign will glow and remain "ON" till the motorcycle attains a speed of 5 kmph and turns "OFF". This indicates the ABS is functioning properly. If the ABS indicator lamp does not switch "OFF" and remains continuously "ON" at higher speeds, it is recommended not to drive the ABS motorcycle. Get the brake system inspected and corrected through a nearest Authorised Royal Enfield Service Centre. Failure to do so can result in a serious injuries and loss of life. Smart phone battery capacity, SOC and smart phone charging circuits.

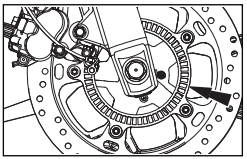
CAUTION (ABS)

- ABS is a safety feature to help prevent locking of wheels during panic application of brakes. It is by no means a substitute for good riding practices and anticipatory braking.
- Please ride carefully and apply brakes cautiously, especially while cornering. ABS cannot estimate the "weight shifts" and momentum of the motorcycle while negotiating a corner and therefore prevent skidding due to loss of traction.
- Please anticipate the stopping distance required for the speed of travel and apply brakes well in advance so as to bring the motorcycle to a safe stop.
- Ensure instrument cluster is in proper functioning as it is an integral part of ABS system.
- Please apply both brakes simultaneously to stop with better traction and control of the motorcycle.
- Failure to adhere to the above can cause an accident resulting in serious injuries and loss of life.

WARNING

- Always use the approved front / rear tyres and sprockets by Royal Enfield to ensure correct ABS operation.
- Do not make any changes to the suspension travel.
- Only use recommended spare parts on the brake system which have been approved by Royal Enfield.
- ABS does not reduce braking distance. In certain circumstances, ABS may result in a longer stopping distance.

CAUTION (ABS)



- Visually inspect for damaged teeth on the front and rear ABS tone rings.
- Inspect for damages and dents on the face of the teeth.
- The teeth edges should be consistent in appearance. In case if a toner ring is found to be damaged or bent, it is recommended to visit nearest dealership for necessary action.
- Inspect for debris at the end of the wheel speed sensors - front & rear, if contamination is observed, it is recommended to clear it suitably or you may visit to nearest dealership for necessary action.

ROLL OVER SENSOR

In the event of motorcycle falling over in either of its sides with the engine running and the gears engaged the roll over sensor will "Disable" both ignition and fuel systems and switch "OFF" the engine. This is to prevent any damage to the motorcycle and its rider. To reset the roll over sensor and reactivate the ignition and fuel systems.

- Ensure the motorcycle is made upright and is on its center stand.
- Ensure gears are in correct neutral and the neutral lamp is glowing in the instrument console.
- Switch "OFF" both ignition & stop switches, wait for a few seconds and switch "ON" the ignition and stop switch again, to start the engine.

DO'S AND DON'TS : (ABS)

DO'S	DONT'S
■ While starting the engine do check the ABS indicator glows "ON" and turns "OFF" when the vehicle speed exceeds 5 kmph (3.1 mph). ■ Please check the brake fluid at "MAX" level in the front and rear brake reservoir and ensure there is no leak in the brake systems. ■ Apply both the brakes simultaneously for better efficiency. ■ In the event of the ABS indicator remaining continuously "ON", please take the motorcycle to a nearest Authorised Royal Enfield Service Centre to inspect the brake system.	■ Do not release the brake lever / pedal when pulsations are felt during hard application of the brakes in an emergency situation. The pulsations only indicate that the ABS is activated. ■ Do not apply only the front or rear brake as it can lead to inefficient braking.

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 any additional maintenance is necessary.

1. Adequate fuel in the tank.
2. Tyres for correct pressure, abrasions or cuts.
3. Rear chain for proper tension and sufficient lubrication.
4. Brakes, steering and throttle for proper responsiveness.
5. Cable for fraying or crimping and free operation.
6. Engine oil level.
7. Wheels for proper tightness.
8. Headlamp, tail lamp, brake lamp and indicator lamps for proper functioning.
9. Smooth operation and free play in front and rear brake levers.
10. Brake fluid level is above the "MIN" mark in the master cylinder.
11. Ensure the clutch free play and clutch function.



WARNING

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

RUNNING IN PERIOD

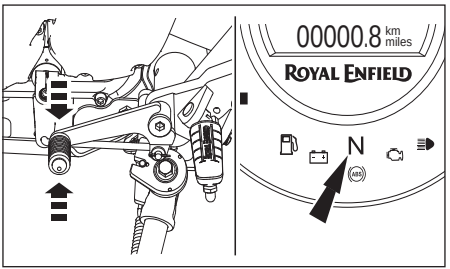
The Royal Enfield motorcycle as you would be experiencing is capable of consistent high speeds. However as with any new motorcycle, a "Running-in" procedure is essential to help in proper "Bedding-in" of the various moving parts in your motorcycle and to achieve optimum performance like gear shifting subsequently.

1. Do not exceed maximum specified pay load. Tyres for correct pressure, abrasions or cuts.
2. Warm up the engine for a few minutes at idling speed to allow engine oil to lubricate all the moving parts in the engine before riding the motorcycle. Brakes, steering and throttle for proper responsiveness.
3. Avoid full throttle operation and do not ride at constant throttle continuously. Vary the speed by 10% while riding.
4. Ride at proper speed and avoid sudden accelerations and braking.
5. Avoid riding motorcycle continuously for over an hour, it is recommended to take brief stop.

NOTE

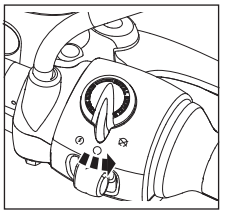
During the running-in period, do not exceed following speed limits.

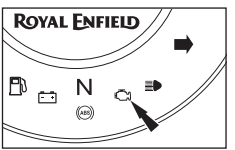
Gear	Motorcycle speed	
	First 500 km	501 - 2,000 km
1	20 kmph	25 kmph
2	30 kmph	35 kmph
3	45 kmph	50 kmph
4	60 kmph	65 kmph
5	70 kmph	80 kmph



- To shift into neutral, move the motorcycle back and forth gently, while simultaneously shifting the gear. Ensure gear is in neutral position and the neutral lamp is glowing in the instrument cluster.
- Turn ignition key to "ON" position and engine kill switch on right hand side handle bar to "RUN" position.

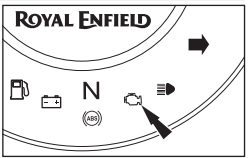
- When both the ignition and engine kill switch is in "ON" position and after the vehicle is started, the MIL will glow for a few seconds and turns "OFF", this indicates that all the function of the electronic fuel injection (EFI) system is functioning normally. In the event of any malfunction in the EFI system the MIL will glow continuously.





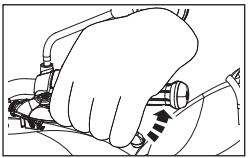
CAUTION

- In case the malfunction indicator does not turn "OFF", get the motorcycle checked through an Royal Enfield Authorised Service Centre for rectification.

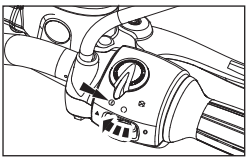


- Check the fuel level indicator in the cluster for adequate fuel in the fuel tank. In case the last bar is blinking continuously, it indicates low fuel level in the tank. Please re-fuel immediately.

- Disengage clutch by pulling in the clutch lever and hold it in depressed condition.



- Push and hold electric start switch until engine starts for a maximum of 5 s.



STARTING

NOTE

- In case the engine does not start within 5 s, release starter switch and wait for about 5 s before attempting to start the engine again.
- In case vehicle not starting on multiple continuous attempts, please turn "OFF" and turn "ON" ignition switch and then start again.

PRECAUTIONS

- Vehicle may start with side stand in "ON" condition but will turn-off when gear is engaged, this side stand cut-off feature is provided for rider safety ensure side stand is removed before vehicle moving / starting.

CAUTION

- If the engine does not start. Do not hold the starter switch in depressed condition for long periods, this will cause the battery to drain below the threshold level of 10 V. Please get the motorcycle checked through an Royal Enfield Authorised Service Centre to identify and correct the reason for not starting.
- Never accelerate as soon as the engine starts, especially in cold condition. The engine should be allowed to run in idle rpm for atleast 120 s for the engine oil to circulate and lubricate all the internal moving parts and for the engine temperature to raise. Failure to adhere to this important information will cause serious damage to the engine internals.

- Accelerate only after the idling rpm has stabilised and it is consistent.
- Ensure side stand is in fully retracted position. Failure to do so will cause the engine to switch "OFF" as soon as gear is engaged.

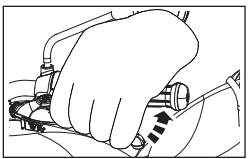
WARNING

Please exercise extreme care while riding the motorcycle. Failure to do so can result in an accident causing injury to you or to other road users / passerby.

- Ensure gear in neutral position and the neutral lamp is glowing in the speedometer. To shift into neutral, move the motorcycle back and forth gently, while simultaneously shifting the gear.

CAUTION

Do not attempt to shift gears without moving the motorcycle back and forth as it will damage the gears mechanism.



- Depress and hold the clutch Lever.
- Press starter button and hold till engine starts. Do not release the button before engine starts.
- Do not press the starter button more than 5 s after three successive cranking, wait for 15 to 20 s the battery to recover.

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

GEAR SHIFT PATTERN

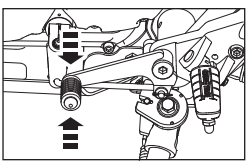
1 -- N -- 2 -- 3 -- 4 -- 5

- Press clutch lever towards the hand grip.
- Press gear pedal with toe towards down 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.
- It is recommended to use half clutch condition when commuting in the city traffic condition along (engine rpm around idling to 2,000 rpm) at 1st gear condition. In other gears and higher rpm avoid using half clutch which will proportionately reduce the clutch life. During acceleration / deceleration disengage the clutch completely, shift the gear and engage the clutch.

CAUTION

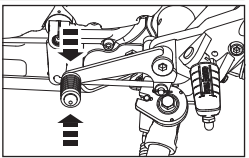
The clutch must be fully disengaged before attempting a gear shift. Failure to fully disengage the clutch may cause a jerky start or stalling the engine besides causing damage to transmission parts.

- Press the gear pedal either upward with toe or downward with heel to engage 2nd gear.



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

NOTE



- Always start motorcycle with gear in neutral position.
- Always move the motorcycle in first gear position only.
- When engine speed decreases or 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.

The clutch lever must be fully depressed before attempting a gear shift. Failure to fully depress the clutch lever will cause a rough start or stalling of the engine besides causing damage to transmission parts.

- When the vehicle is in neutral position, press gear shift lever down with toe to engage 1st gear.

GEAR SHIFT PATTERN

1 -- N -- 2 -- 3 -- 4 -- 5

CAUTION

- If the clutch ever is released abruptly and throttle opening is done insufficiently the motorcycle will have rough start and cause the engine to stall.
- If the acceleration is very high and clutch lever is released abruptly, it will cause motorcycle to move suddenly, which will lead to loss of control leading to an accident resulting in injury and or loss of life to rider / other road users / passed by besides damage to the motorcycle.
- Always exercise utmost caution while releasing clutch and riding the motorcycle.
- Press the gear pedal either upward with toe or downward with heel to shift subsequent gears.

Recommended up shift speeds		
Gear Change	kmph	(mph)
1st - 2nd	20	12.4
2nd - 3rd	30	18.6
3rd - 4th	40	24.8
4th - 5th	55	34.2

Recommended downshift speeds		
Gear Change	kmph	(mph)
5th - 4th	50	31.1
4th - 3rd	35	21.7
3rd – 2nd	25	15.5
2nd - 1st	15	9.3

NOTE

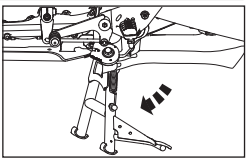
Always start motorcycle with the gear in neutral position.

When the engine speed decreases or 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.

- Always shift to lower gears as appropriate whenever slowing down to stop the vehicle.
- Shift gears to neutral position just before bringing the vehicle to a complete stop always.
- Close throttle fully and release the clutch lever slowly ensuring the motorcycle is in neutral position and neutral lamp is glowing.

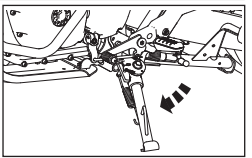
PARKING

PARKING MOTORCYCLE 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 motorcycle backwards, gently.

PARKING MOTORCYCLE ON SIDE STAND



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

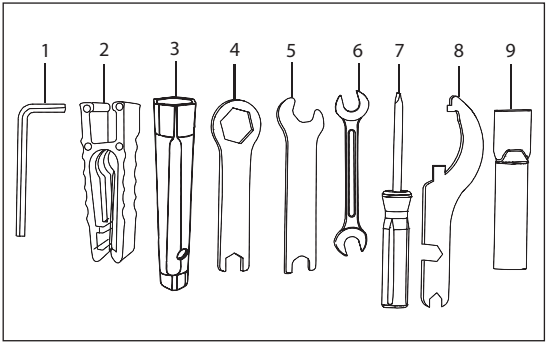
WARNING

Always park the motorcycle 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 KIT

The tool kit is located in the right side panel of the motorcycle.

S.No.	Description	Qty.
1	Allen key 6 mm	1
2	Fuse puller	1
3	Tool spark plug (8x16 Box Spanner)	1
4	Ring spanner 24x14-24 (Eye wrench) x 14 (Open end) combination	1
5	Open end spanner 17 x 13	1
6	D/E spanner 10 x 12	1
7	Screw driver 06 x 120/135	1
8	C-spanner	1
9	Extension tube 28x7 & 24 x 14	1



FIRST AID KIT

A first aid kit is provided with the motorcyle for any emergency requirements.Please inspect the kit regularly and replace materials upon expiry.

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

MINOR MAINTENANCE TIPS

The following simple maintenance activities will help in maintaining your motorcycle. However for an elaborate maintenance, we recommend you to get in touch with a Royal Enfield Authorised Dealer / Service centre.

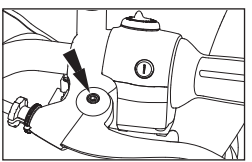
CONTROL CABLES

Lubricate after water washing motorcycle or if used during rainy conditions.

HAND LEVER PIVOTS

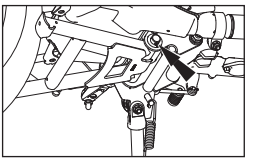
Wipe the area free of dirt / grease.

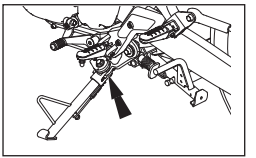
Apply a few drops of oil on the pivots.



CENTER / SIDE STAND PIVOTS

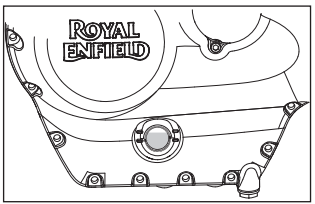
Apply a few drops of oil on the pivots after cleaning the area of dirt.





MINOR MAINTENANCE TIPS

OIL LEVEL INSPECTION



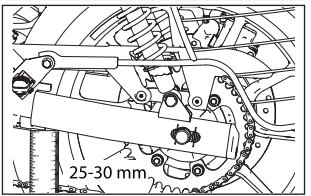
- Ensure vehicle is in center stand.
- Switch on the engine and gently raise the rpm for 10 s.
- Leave the vehicle in idling condition for 15 s.
- Switch off the engine & wait for the oil to settle down (approx 60 - 120 s).
- Engine oil level should be max level.
- In case of oil level is not as max condition, then top up oil to "MAX" condition and repeat the procedure as mentioned above.
- Always use recommended engine oil only.

CAUTION

- Use of wrong grade or spurious oil can seriously affect motorcycle performance & damage to moving parts.
- Do not check the engine oil level in cold condition.
- Do not sit on the vehicle while engine oil inspection.
- Do not inspect the oil level window immediately working up allow it to settle properly.
- Do not overfill the engine oil above "MAX".

DRIVE CHAIN

Clean the drive chain carefully. Apply chain lubricant while simultaneously rotating the rear wheel. Wipe off the excess lubricant.



- Ensure the motorcycle is in upright on a firm and flat surface.
- Hold the spindle from the LH with a screw driver and loosen the spindle nut with a 24 mm ring spanner and loosen the LH & RH chain adjuster by using 6 mm allen key.
- Align the line mark in the adjuster and swing arm in both the sides & set the drive chain free play for 25 to 30 mm by using steel rule.
- Tighten the LH & RH chain adjusters in the swing arm using a 6 mm allen key.
- Tighten the spindle nut fully.
- Ensure the chain tension should be 25 to 30 mm using a ruler / scale.

WARNING

- Chains slackness should be maintained between 25 - 30 mm.
- Maintain drive chain slackness within the specified limits at every 1,000 km interval.
- Please check the front and rear wheels are correctly aligned, after the chain adjustment.
- After the chain adjustment make sure left and right side of the chain adjuster's markings are matched perfectly.

SPARK PLUG

CLEANING AND ADJUSTING PLUG CAP

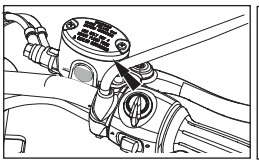
- Remove the spark plug cap from the spark plug.
- Remove spark plug using the plug spanner and tommy bar.
- Clean the insulator tip and electrodes of the plug carefully.
- Check and set the electrode gap between 0.70 to 0.80 mm.
- Refit the spark plug on the cylinder head and refit the spark plug cap on the spark plug.

CAUTION

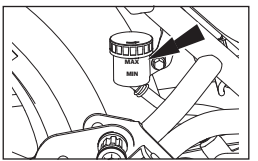
- Ensure ignition & kill switch are in "OFF" condition before accessing the spark plug.
- Before opening the spark plug blow away the dust in surrounding area to prevent it falling inside cylinder head.
- Ensure spark plug is being replaced with recommended specification only.

MINOR MAINTENANCE TIPS

CHECKING BRAKE FLUID



Front Brake



Rear Brake

Place your motorcycle in an upright position on a firm, level surface.

Front : Check that the brake fluid reservoir is horizontal and that the fluid level is above of the "MIN" level mark.
Rear : Check that the brake fluid reservoir is horizontal and that the fluid level is between the "MAX" level and "Min" level marks.

CAUTION

- Brake fluid is highly corrosive and can cause damage to painted parts. Please ensure that brake fluid does not spill on any part of the motorcycle. In the event of a spill, please clean the area immediately with a soft cloth (preferably a wet cloth) to avoid damage.
- Do not mix Swastik DOT 4 & other brake fluid together.

NOTE

- Clean the filler cap before removing. Use only Swastik DOT 4 brake fluid from sealer container.
- Use only the specified brake fluid; otherwise, the rubber seals may deteriorate, causing leakage.
- Refill with the same type of brake fluid. Adding a brake fluid other than DOT 4 may result in a harmful chemical reaction.
- Be careful that water or dust does not enter the brake fluid reservoir when refilling. Water will significantly lower the boiling point of the fluid and may result in vapor lock and dirt may clog the ABS hydraulic unit valves.



WARNING

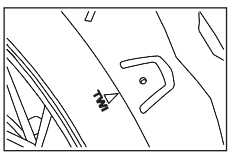
- An insufficient brake fluid level will cause the brake system to fail.
- Old brake fluid reduces the braking effect.
- Make sure that brake fluid for the front and rear brake is changed in accordance with the periodic maintenance schedule.
- Keep brake fluid out of the reach of children.
- Do not allow brake fluid to come into contact with the skin, the eyes or clothing.
- Brake fluid is highly corrosive and can cause damage to painted parts. Ensure brake fluid does not spill on any part of the motorcycle, in the event of spill please clean the area immediately with a soft cloth to avoid damage.

INSPECTION OF TYRES AND WHEELS

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

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

- Check and remove stone, splinters, nails or other particles embedded in the tyre treads.



- 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.
- Use only recommended tyres & tubes, inflated to correct air pressure.

Type	Front	Rear
Solo	29 psi	32 psi
With Pillion	29 psi	36 psi

WARNING

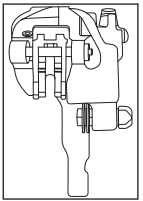
- It is recommended to operate the motorcycle with correct tyre pressure as under inflated tyres may cause tyre to overheat and may result in tyre damage and may cause injury to the rider.
- It is recommended to use Royal Enfield recommended tyre specification in case of replacement of new tyres, it is recommended to use the same specification of the tyre recommended by Royal Enfield, failure to adhere the same may result in tyre damage and may cause injury to the rider.

MINOR MAINTENANCE TIPS

BRAKE PADS

- The front and rear brake pads must be checked for wear at the intervals specified in the periodic maintenance chart.

Front/Rear : The pads need to be replaced if a brake pad is worm to the indicator.



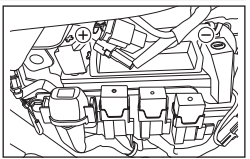
NOTE

- Royal Enfield Motorcycles fitted with disc brakes have the optimum braking systems and are built to give a superior and safer braking performance under all conditions.
- Disc/drum braking systems can produce a mild noise under certain riding conditions. This is absolutely normal and characteristic of the disc brake pads across the motorcycle industry. This in no way will affect the performance of the motorcycle or the braking system.
- At Royal Enfield, we have robust and rigorous testing and development protocols and adhere to global validation standards of quality and durability. We are committed to giving our customers the best possible ownership experience with our motorcycles.

MINOR MAINTENANCE TIPS

BATTERY AND MAINTENANCE

- The motorcycle is provided with 12 V - 8Ah VRLA battery.
- The battery must be periodically checked for cleanliness and corrosion free terminals.



NOTE

The poor contact or loose fitments of battery terminals may cause electrical / electronic parts failure.

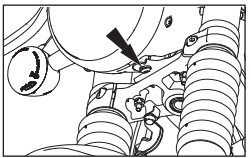
CAUTION

- The battery must be periodically checked for cleanliness and corrosion free terminals.
- The poor contact or loose fitment of battery terminals may cause electrical / electronic parts failure.
- Always disconnect the black negative (-ve) battery cable first and then the red positive (+ve) cable while removing the battery connections.
- For checking the battery voltage check with multimeter in voltage mode or contact Royal Enfield Authorised Service Centre or battery service center.

- Clean the wire terminals free from corrosion and keep the terminals coated with petroleum jelly.
- Keep the (+ve) positive terminal and (-ve) negative terminal cables firmly connected to the respective battery terminals. Failure to do so may result in damage to the motorcycle electrical system.

HEADLIGHT BEAM ADJUSTMENT

The headlight beam focus can be adjusted in vertical direction by using the adjusting three mounting screws.



- Loosen the bottom mounting screw to adjust headlamp position.
- After adjusting the focus tighten the bottom mounting screw.

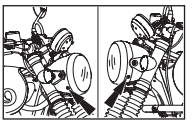
NOTE

This may be required to increase the visibility and to help prevent the other riders / vehicles passing nearby.

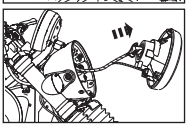
CHANGING ELECTRICAL COMPONENTS

HEADLAMP BULB DISMANTLING

- Gently loosen the headlamp mounting bolt both sides from headlamp bowl.

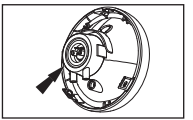


- Gently pullout the headlamp rim along with reflector assembly.

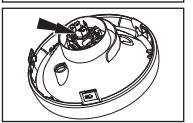


- Disconnect head lamp coupler.

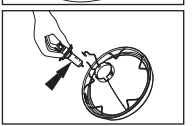
- Remove the protective rubber cap over the bulb.

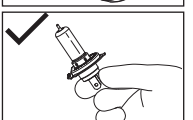


- Gently press the bulb holding clip and release it from the slot in the reflector.



- Remove the bulb from the reflector.





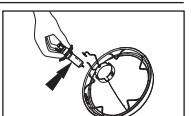
MINOR MAINTENANCE TIPS

NOTE

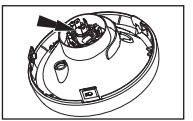
- Never touch the bulb with your fingers. Finger prints will etch the glass and decrease bulb life.
- Always hold the bulb with clean dry cloth during handling.
- Do not disturb the vent cap provided in the inner body mould.

HEADLAMP BULB REPLACEMENT

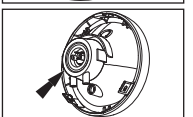
- Locate the 3 lugs in the bulb correctly in the reflector.



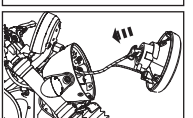
- Locate the bulb holding clip over the bulb and lock it in the slot in the reflector.



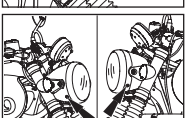
- Put the protective rubber cap over the bulb correctly such that the vent pipe is facing downwards.



- Connect head lamp coupler on the bulb terminals correctly.



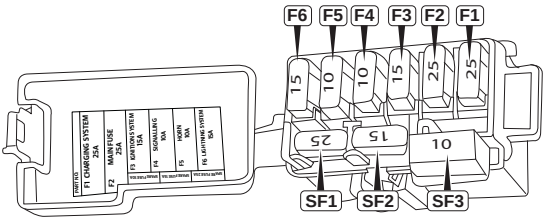
- Assemble the 2 screws and tighten firmly.



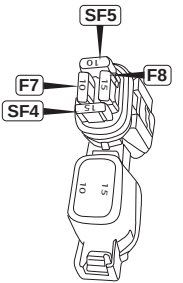
MINOR MAINTENANCE TIPS

Fuse & Fuse carrier located in RH side cover.

MAIN FUSE BOX



ABS FUSE BOX



MINI BLADE FUSE USAGE LIST

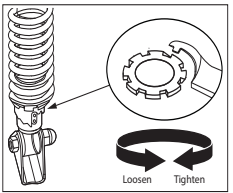
Fuse ID number	Color	Rating	Remarks
F1	WHT	25 A	Charging system
F2	WHT	25 A	Main fuse
F3	BLU	15 A	Ignition system
F4	RED	10 A	Signaling fuse
F5	RED	10 A	Horn fuse
F6	BLU	15 A	Lighting system
ABS fuse list			
F7	RED	10 A	ABS fuse-1
F8	BLU	15 A	ABS fuse-2
Spare fuse list			
SF1	WHT	25 A	Spare fuse
SF2	BLU	15 A	
SF3	RED	10 A	
SF4	BLU	15 A	
SF5	RED	10 A	

WARNING

Please get the electrical system of your motorcycle checked thoroughly and get the faults corrected immediately after experiencing any fuse failure. Failure to do so may result in repeated fuse failure.

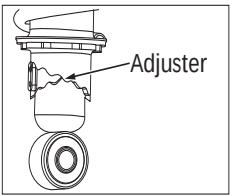
Usage of fuses other than specified rating or usage of any other conductive materials or low grade fuses will damage the complete electrical system.

REAR SUSPENSION SETTING



- Rest the motorcycle on center stand.
- Ensure the tyre pressure is at recommended specification.
- Ensure adjuster are clear of all dirt and debris before adjusting, if they have dirt or debris please clean it suitably before adjusting.
- The adjuster is a 5 step adjuster and it is kept at first notch position.
- Adjust shock preload by rotating the adjuster clockwise using C-spanner to increase the preload.
- Adjust shock preload by rotating anti-clockwise using C-spanner to decrease preload (to make it to first notch position).
- Make the same adjustments on both sides, uneven adjustment may lead to discomfort to the rider.

NOTE



- Adjusting the suspension requires a C-spanner. It is we recommend to use the C-spanner that is given in your vehicle tool kit. Extension tube to be used for leverage purposes.
- The best spring preload setting is achieved when it is set for the weight of the rider and that of any luggage and a passenger.
- We recommend to increase the preload and keep it at final notch for fully loaded (GVW condition), thus ensuring an ideal compromise between handling and stability.

REAR SUSPENSION SETTING

Condition	Max reference payload	Suspension setting notch	Tyre pressure (psi)	
			Front	Rear
Unladen / One up Loading / Rider only.	Rider upto 90 kg	1st	29	32
Laden / Two up / Rider + Pillions / Rider + Pillion + Accessories	Upto a maximum of 180 kg payload (Inc of rider weight, pillion weight and accessories)	6th	29	36

*Ensure the preload is set equally on the LH and RH rear suspension.

LONG TRIP PRECAUTIONS

CHECKS PRIOR TO THE COMMENCEMENT OF A LONG JOURNEY

- Service the motorcycle at Royal Enfield Authorised Service Centre.
- Ensure sufficient quantity of fuel is always available in the fuel tank for the journey planned.
- Check and correct tyre pressure if necessary.

CHECKS AFTER EVERY 1000 KM OF RUN

- Any loose fasteners.
- Condition of the tyres.
- Correct oil level in engine.
- Working of all lights and horn.
- Proper drive chain tension.
- Clutch cable free play.

ITEMS TO BE CARRIED

- Tools kit.
- First aid kit.
- Bulbs for headlight, trafficator light and fuse.
- Accelerator and clutch cables.
- Spark plug, spark plug cap, fuel hose.

WASHING PROCEDURE

PRECAUTIONS

- Remove ignition key and seal the ignition key barrel slot using adhesive tape.
- Please remove tool kit, first aid kit and other relevant documents if any inside the right side panel before proceeding for washing of the motorcycle.
- Cover the silencer tail pipe, horn and control switches with suitable plastic bags and tie if firmly to prevent water entry.
- Wash the motorcycle only when the engine is in cold condition.
- Do not remove side panel while washing to avoid water entry.
- Brush engine area with a recommend non corrosive solvent to remove dirt or grease.
- Use low pressure water jet to clean.
- Never spray water with great force on head lamp, meter / cluster unit, flasher lights, front and rear wheel hubs, electrical connections and wires, control cables, EFI components, spark plug, battery, side panels.
- Do not use high pressure washers or steam jet cleaners near the seal of headstock bearing or steering stem bearing, seal of wheel bearing, brake calipers, air intakes & exhaust outlets.
- Do not apply any corrosive solvent on painted surfaces or rubber parts.

WASHING PROCEDURE

- Use lukewarm water and mild detergent on the painted components to remove dirt, etc.
- Clean motorcycle thoroughly with plain water to remove the detergent.
- Never spray water towards bottom side of instrument cluster directly to avoid water entry through breather holes.
- If possible, use compressed air and blow off water particles from the obscure areas of the motorcycle, electrical connections etc.
- Once the motorcycle has been ridden in salty conditions (i.e. during winter in places where road salt is used) or near coastal areas it is recommended to wash your motorcycle with cold water after the ride to prevent corrosion or rust build-up. Please do not use warm water for washing as it may damage the motorcycle due to chemical reaction with the salt. After washing process once the motorcycle is completely dry it is recommended to apply anti corrosion spray on all the metal and chrome plated areas to protect the parts from corrosion.
- It is recommended not to apply the anti-corrosion spray on the brake discs.
- Do not use petrol, brake oil or other flammable liquids to clean or wash on electronic parts.
- The parts chosen using motorcycle configurator should not be washed with soap or chemical, use only with plain water.

WASHING PROCEDURE

AFTER WASHING

- Ensure, the motorcycle is thoroughly dry by wiping with a clean soft lint free absorbent cloth or chamois leather.
- Remove all adhesive tapes.
- Lubricate control cables, pivots for footrest, side stand, center stand, brake and gear shifter linkages, drive chain etc., with lube oil.
- Polish the painted and plated surfaces using recommended automobile polishing wax.
- Start the engine and allow to run at an idling speed for a few minutes to warm up engine.
- Drive the motorcycle slowly, apply both the brakes intermittently to dry up the water in brake pads.
- Please clean / wipe out water spoils completely inside the RH side panel before keeping tools kit, first aid kit and other relevant documents inside the right side panel.

STORAGE PRECAUTIONS

In-case your motorcycle is not going to be used for a month or more, the following precautions should be taken.

- Get the motorcycle serviced through a Royal Enfield Authorised Service Centre.
- Drain the fuel completely from the fuel tank and induction system.
- Remove spark plug, Pour in about 5 ml of clean engine oil through spark plug hole. Close the hold and crank engine several times and refit spark plug.
- Clean drive chain thoroughly and apply Royal Enfield recommended chain lubricant.
- Wipe off excess lubricant after 5 min of application.
- Remove charging circuit fuse from the fuse box.
- Store the battery in a cool, dry and well ventilated place.
- Cover the silencer with suitable bags to prevent moisture entry. Set the motorcycle on its center stand.
- Apply anti rust solutions on all plated parts. Take care not to apply this solution on chrome, rubber or pained parts. Store motorcycle in a clean covered area free of moisture and dust.
- For re-use after storage, it is preferable to get the motorcycle prepared through a Royal Enfield Authorised Service Centre to ensure the motorcycle is restored to its peak operating conditions.
- Battery (+ve) connector to be disconnected to avoid battery drain issue in long term. Before reconnecting the connector, check the battery voltage is within specification. If not, recharge it from authorized service center / battery dealer.

ENVIRONMENT CARE

BE AN ENVIRONMENTALLY CONSCIOUS RIDER

You've ridden through some beautiful places on your Royal Enfield. Won't you like to keep them that way? Here are some tips to help you keep those places unspoilt so that others can enjoy them too:

Disposal of end of life - Parts / Vehicle

While your liquid waste like engine oil, coolant and other cleaning solvents need to be regularly replaced, what happens to them? Make sure they are not dumped in the soil or water bodies.

You shall store them in a container and handover to an Govt authorized recycling agent, If any or RE Service Centre.

In the case of battery, tyres, plastic parts, electric or electronic parts and oil filter shall be handed over only to an authorized recycling agent, If any or RE Service Centre.

The cleaning solvents or sprays whichever used for cleaning your bike shall be disposed in an environmentally friendly manner.

In case you want to dispose your vehicle considered as an end of life vehicle, please handover the vehicle only to an authorized / registered vehicle scrapping facility near you or contact local authorities to follow due process.

PERIODICAL MAINTENANCE

The maintenance schedule detailed here will help you maintain your Hunter 350 motorcycle meticulously and to get a long trouble free service. The schedule provided herein is based upon average riding conditions and indicates the km, at which regular inspections, adjustments, replacements and lubrications are to 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. Contact the nearest Royal Enfield Authorised Dealer / Service Centre for expert advice and to carry out the required maintenance.

Sl. No.	DESCRIPTION	PERIODICAL MAINTENANCE										
	Km (x 1,000)	0.5	5	10	15	20	25	30	35	40	45	50
	Months	1.5	6	12	18	24	30	36	42	48	54	60
1	Engline oil (level check / replace)	R	I	R	I	R	I	R	I	R	I	R
		Check level at every 1,000 km or earlier and topup as required										
2	Engline oil filter element	R		R		R		R		R		R
3	Engline oil strainer on crankcase LH	C		C		C		C		C		C
4	Inlet / exhaust tappet setting	I&A		I&A		I&A		I&A		I&A		I&A

PERIODICAL MAINTENANCE

Sl. No.	DESCRIPTION	PERIODICAL MAINTENANCE										
	Km (x 1,000)	0.5	5	10	15	20	25	30	35	40	45	50
	Months	1.5	6	12	18	24	30	36	42	48	54	60
5	Rubber hose-intake adapter	I	I	I	I	I	I	I	I	I	I	I
6	Evaporative emission equipment rubber hoses & drain the overfilled by removing plug.	I	I	I	I	I	I	I	I	R	I	I
7	Spark plug			C&A		R		C&A		R		C&A
8	HT lead for crack	I	I	I	I	I	I	I	I	I	I	I
9	Air filter element	C	C	R	C	R	C	R	C	R	C	R
		Clean / Replace more frequently if operated in dusty condition										
10	Vent pipe under air filter box	I	I	I	I	I	I	I	I	I	I	I
11	Starter motor & starter relay connections	I	I	I	I	I	I	I	I	I	I	I
12	Battery terminals (apply petroleum jelly)	C	C	C	C	C	C	C	C	C	C	C

PERIODICAL MAINTENANCE

Sl. No.	DESCRIPTION	PERIODICAL MAINTENANCE										
	Km (x 1,000)	0.5	5	10	15	20	25	30	35	40	45	50
	Months	1.5	6	12	18	24	30	36	42	48	54	60
13	Earth wire eyelet contact					I						I
14	Injector hose	I	I	I	I	I	I	I	I	I	I	I
15	Fuel filter in fuel pump							R				
16	Front fork oil	I	I	I	I	R	I	I	I	R	I	I
17	Steering ball races play	Inspect / Adjust, if required lubricate for every 5,000 km or earlier as required. Replace if necessary.										
18	Spokes tightness / Wheel rim run out front & rear	I		I		I		I		I		I
19	Swing arm pivot bush & spacer	I	Inspect, if required lubricate for every 5,000 km or earlier as required. Replace if necessary.									
20	Tire wear pattern (front & rear)	I	I	I	I	I	I	I	I	I	I	I

PERIODICAL MAINTENANCE

Sl. No.	DESCRIPTION	PERIODICAL MAINTENANCE										
	Km (x 1,000)	0.5	5	10	15	20	25	30	35	40	45	50
	Months	1.5	6	12	18	24	30	36	42	48	54	60
21	Rear wheel drive chain	Clean, lubricate every 500 km / Clean, lubricate & adjust every 5,000 km or earlier as required.										
22	Rear wheel cush drive rubbers					I&R				I&R		
23	Front & rear brake hose & banjo bolt	I	I	I	I	I	I	I	I	I	I	I
24	Brake fluid level, front & rear disc	I	I	I	I	R	I	I	I	R	I	I
25	Clutch lever / Cable free play	Adjust every 1,000 km or earlier as required & replace if required.										
26	Hand levers & foot levers	Lubricate every 1,000 km or earlier as required.										
27	Pivot-side stand, center stand, pillion foot rest, gear shifter, brake pedal, levers	L	L	L	L	L	L	L	L	L	L	L

PERIODICAL MAINTENANCE

Sl. No.	DESCRIPTION	PERIODICAL MAINTENANCE										
	Km (x 1,000)	0.5	5	10	15	20	25	30	35	40	45	50
	Months	1.5	6	12	18	24	30	36	42	48	54	60
28	Throttle cable	Adjust every 5,000 km or earlier if required.										
29	Brake pads - front & rear	I	I	I	I	I	I	I	I	I	I	I
30	Side stand switch operation	I	I	I	I	I	I	I	I	I	I	I
31	All mounting fasteners in vehicle for tightness	I	I	I	I	I	I	I	I	I	I	I
32	Throttle body - cleaning	Throttle body should be removed from the vehicle and cleaned with a dry microfibre cloth, usage of throttle body cleaners or any similar solvent or alcohol based liquids for cleaning is strictly prohibited. Throttle body cleaning every 10,000 km / 12 months or earlier as required.										

PERIODICAL MAINTENANCE

A : Adjust C : Clean D : De-carbonise I : Inspect (Clean, Adjust, Lubricate or replace if necessary) L : Lubricate R : Replace

The maintenance schedule detailed here will help you to maintain your Royal Enfield motorcycle meticulously and to get a long trouble free service. 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 Centre for expert advice and to carry out the periodical maintenance.

NOTE

For maintenance after 50,000 km, please repeat the same frequency levels specified above, in consultation with a Royal Enfield Authorised Dealer / Service Centre.

WARRANTY TERMS AND CONDITIONS

Royal Enfield Motorcycles are manufactured by following best quality practices in respect of the material and workmanship.

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

1. RE will replace or repair defective part(s) at their dealerships and Authorised Service Centre, free of charge within a period of 36 months / 30,000 km from the date of sale, whichever is earlier.
2. In order to avail warranty benefits by second or subsequent owner, the second / subsequent owner should inform the nearest Royal Enfield Service Centre about the purchase of the bike and shall fill in the requisite details in the form as requested by Royal Enfield.
3. The warranty shall be applicable only if all the services are availed in the respective period / kilometer ranges as per the schedule in the owner's manual from RE Authorised Dealer / Service Centre.
4. During the warranty period, RE's obligations shall be limited to repairing / replacing part(s) of the motorcycle for free, only if the part(s), on examination is deemed to have a manufacturing defect. Defective part(s) which have been replaced will become the sole property of RE.
5. Cost of oil, oil filter and fuel are chargeable to the customer.

6. Claims on proprietary items like tyres, tubes, spark plug, battery etc., should be taken up with the respective manufacturer or their authorised agents in the area directly by the customer. RE shall not be liable in any manner to replace them through their dealers. RE will, however, provide assistance in preferring such claims on the respective manufacturer.
7. The warranty terms of motorcycle configurator parts is similar to that of the motorcycle warranty, i.e. 36 months or 30,000 km. from the date of purchase whichever is earlier.
8. 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.
   (b) Components like fuel filter, oil filter, air filter paper element, control cables, brake shoes / brake pads, clutch, drive chain & sprocket kit, steering ball races, electrical equipment, wiring harness etc., which are subjected to normal wear and tear.
   (c) Failures occurred due to use of non recommended grade lubricants, fuel or improper level.
   (d) Damages due to use of non-genuine parts, lack of proper maintenance, incorrect riding habits.
   (e) Parts damaged due to accidents, collision, abuse etc.
   (f) Irregularities not recognised as affecting the quality or function of the motorcycle such as slight vibration, oil leakage, discoloration of exhaust pipe bend and cat region / silencer / soft or hard shock absorber etc.

(g) Warranty is not applicable for discoloration of exhaust pipe & silencer, as it is a natural process that will happen during usage.

(h) Defects arising from fitment of unauthorised or additional electrical loads.

(i) Motorcycle serviced or repaired at unauthorised service centres.

(j) Motorcycle used for competitions / racing / stage rallying etc.

(k) Electrical component like bulbs, fuses etc., and electronic components failure including ECU due to repairs by arc welding.

(l) Motorcycle found with tampering / drilling / welding mark on any part of the frame.

(m) Normal maintenance operations like adjustment of brakes, cleaning fuel system, engine tune-up and other such adjustments.

(n) Oxidization of buffed / painted / powder coated items etc.

9. RE reserves the right to finally decide on all warranty claims.

10. RE reserves the right to make changes in design of the motorcycle without any obligation to install these changes on previously supplied motorcycles.

EMISSION CONTROL SYSTEM WARRANTY

In compliance with the provisions of Rule 115(2) of the Central Motor Motorcycle 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 motorcycle, in normal use to which it may be subjected to.

This emission warranty is valid for 30,000 km / 3 years from the date of first sale whichever earlier, 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 Royal Enfield Authorised Service Centre, the motorcycle fails to meet the specified emission standards, then the Authorised Service Centre shall take necessary corrective measures and shall, at its sole discretion, repair or replace free of charge 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 Service Centre 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 actuals.

EMISSION CONTROL SYSTEM WARRANTY

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.

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 Service Centre 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 Service Centre.

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.

The cost 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 motorcycle provided all the conditions as laid down in this document are met from the date of original sale of the motorcycle.

EMISSION CONTROL SYSTEM WARRANTY

THE WARRANTY SHALL APPLY IF THE CUSTOMER

- 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 RE Authorised Dealer / Service Centre upon discovery of failure to comply with the emission standard inspite of having maintained and used the motorcycle 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.
- Production of a valid pollution under control certificate is necessary to claim emission warranty.
- Produces the owner's manual and log book for verification details.
- Produces receipts covering maintenance of the motorcycle is specified in the owner's manual from the date of original purchase of the motorcycle.
- Produces valid certificate of Insurance and RTO Registration Certificate (R.C. Book).

EMISSION CONTROL SYSTEM WARRANTY

THE EMISSION WARRANTY SHALL NOT APPLY IF

- A valid "Pollution under control" certificate is not produced.
- The motorcycle is not serviced by RE Authorised Dealer / Service Centre 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 there of, 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 Centre, if the motorcycle shows that any of the conditions stipulated in the owner's manual with regard to use and maintenance have been violated.

EMISSION CONTROL SYSTEM WARRANTY

- 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 motorcycle during the tenure of the emission warranty are not entered in the log book.

TIPS TO BE ON THE RIGHT SIDE OF LAW

- Always get your motorcycle checked to meet the emission regulations through an authorised emission checking centre.
- Always carry a valid "Pollution Under Control" certificate with you, as and if applicable by law.

EMISSION CONTROL SYSTEM WARRANTY

TIPS TO REDUCE POLLUTION

- Ensure that the periodical maintenance is carried out as stipulated in the owner's manual through a Royal Enfield Authorised Service Centre.
- Use only unleaded petrol (91 RON or higher) from reputed fuel pumps.
- Ensure the fuel used is not adulterated.
- Use correct spark plug as recommended in the owner's manual.
- Use lubricants as per recommendations given on grade / brand in the owner's manual.

EVAPORATIVE EMISSION CONTROL SYSTEM WARRANTY

The following warranty applies to the evaporative emission control system.

Royal Enfield motors warrants the first owner and each subsequent owner, that this motorcycle is designed and built so as to conform, at the time of sale, with applicable regulations specified by the evaporative emission control system related parts fitted to this motorcycle are free from defects in materials and workmanship which may cause this motorcycle not to meet applicable regulations period of 24 months from the date of first use of the motorcycle.

The Warranty period shall begin either on the date the motorcycle is delivered to the first retail purchaser or from the first date the motorcycle is used as a demonstrator or as a display and / or trial motorcycle.

THE FOLLOWING ARE NOT COVERED BY THE EVAPORATIVE EMISSION CONTROL SYSTEM WARRANTY

1. Failures which may arise as a result of misuse, alterations, accidents or non performance of routine maintenance, as specified in the owner's manual.
2. Replacing, removing or modifying any portion of the Evaporative Emission Control System (consisting of fuel tank, fuel tank cap, canister, purge valve, throttle body, vapor hoses, fuel hoses and hose connectors) with parts not certified by Royal Enfield.

3. Loss of time, inconvenience, loss of motorcycle use or any other consequential loss or damages.
4. Any motorcycle in which the ODO meter has been tampered with or the speedo cable has been disconnected for any reason or is broken and not replaced immediately, due to which the exact distance covered cannot be determined.
5. Normal ageing of parts such as fuel hoses, vapor hoses, gaskets and rubber components.

RECOMMENDATIONS FOR REQUIRED MAINTENANCE

It is recommended that the routine maintenance of the motorcycle be carried out at specified intervals and any maintenance to the evaporative emission control systems should be performed only by an Authorised Royal Enfield Service Centre and using only genuine Royal Enfield spare parts.

SERVICE / MAINTENANCE RECORD

S.No.	Type of service	Schedule	Date	Job card No.	km	Dealer code	Brief details of service
1.	1st Free service*	500 km / 45 Days					
2.	2nd Free service*	5,000 km / 6 Months					
3.	3rd Free service*	10,000 km / 12 Months					
4.	4th Free service*	15,000 km / 18 Months					

* Labour is free for this services alone.

NOTE

Cost of parts, lubricants, filters and other consumables are chargeable to the customer on their respective service activities. Refer the periodic maintenance chart for the respective service activities.

NOTES

Royal Enfield recommanded Lubricants



Royal Enfield recommanded add ons to maintain your vehicle





ROYAL ENFIELD

Part No. RAM00249/A

WWW.ROYALENFIELD.COM

Edition : March 2022