

## Royal Enfield - Bullet350\_Twinspark\_Owner\_Manual

### 1RELOADED

Get ready for the adventure of a lifetime. Reengineered. Redesigned. Revitalized.

The all-new Bullet Electra 350 UCE features a modern Unit Construction engine with 5 gears on the left. Easier to ride, more torque and no maintenance trouble. Its the Bullet Reloaded.

This manual is designed to give you complete control over your motorcycle. It contains important information on efficient operation and maintenance. We've also included tips on riding safely, as well as suggestions to enhance your motorcycling experience.

Your safety is of prime concern to us and we urge you to be a responsible rider. Please select your riding gear carefully in accordance with your terrain, style and weather conditions. And ensure the same for your pillion rider as well. Respect the law of the land and ride safe.

Finally, we welcome you to the Royal Enfield community. You can locate your nearest club or sign up for the next big ride at [www.royalenfield.com](http://www.royalenfield.com)

The legend rides on.

2All information in this manual is based on the latest product information available at the time of publication. Due to continuous improvements or other changes, there may be discrepancies between information in this manual and your vehicle. Royal Enfield reserves the right to make production changes at any time without prior notice and without incurring any obligation to make same or similar changes to vehicles previously built or sold.

All images shown are for reference to explain and need not to be exactly the same on the model you own. Technical specification are subject to change without prior notice.

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Part No. 592579/B / Qty. 1000 / Apr. 14

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<b>4P E R S O N A L &amp; V E H I C L E</b>	
<b>I N F O R M A T I O N</b>	
Vehicle Installation Form (VIF) No.	
Name	
Door No./Street	
Locality	
City State Pin	
Contact Nos. Res: Off: Mobile : Email :	
Engine No. Battery No.	
Frame No. Battery make	
Reg. No. Licence No.	
Date of Sale Valid till dt.	
Model Key No. :	
Tyre make Colour	
Sold by Dealer Code	

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## F R E E S E R V I C E

### R E C O R D

It is our endeavour to provide excellent service to your Bullet Electra 350 UCE at all times. Towards this we provide four free services at specific intervals.

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

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

The cost of fuel, oil, oil filter element, grease etc. used for all free services are chargeable to the customer.

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

Date of Service

Kms Covered

Servicing Dealers Name

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Address

1st Service

4th Service

2nd Service

3rd Service

Dealer / ASP

Rubber Stamp

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## S P E C I F I C A T I O N S

### ENGINE AND ENGINE SYSTEMS

Engine Type ..... Single Cylinder

..... 4 Stroke, OHV,

..... Dual Spark Ignition

..... air cooled

Bore ..... 70mm

Stroke ..... 90mm

Swept volume ..... 346cc

Compression ratio ..... 8.5:1

Max. Power BHP @ RPM 19.8@5250

Max. Torque in NM@ RPM 28@4000

Idle RPM ..... 1050+

200

Starting ..... Kick Start/E-Start

Air filter element ..... Paper element

Lubrication ..... Wet sump, Forced

..... lubrication

Engine oil capacity ..... 2.75 Litres

Carburetor ..... UCAL, BS29

Engine oil grade ..... Royal Enfield

..... 15 W 50 API SL

..... Engine Oil (JASOMA)

Cooling ..... Natural air flow

### TRANSMISSION

Clutch ..... Wet multiplate

Primary drive ..... Duplex chain drive

Primary ratio ..... 2.15 : 1

Gear box ..... Constant Mesh

..... 5 Speed

Gear Ratio ..... 1st 3.06:1

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..... 2nd 2.01:1

..... 3rd 1.52:1

..... 4th 1.21:1

..... 5th 1:1

7Final drive ..... 15 Teeth (Sprocket)

Final Ratio ..... 2.533:1

### CHASSIS

Frame ..... Tubular

Suspension :Front ..... Telescopic, hydraulic

..... damping,

..... Stroke 130 mm

Rear ..... Swing arm with

..... gas shock absorbers

..... stroke 80mm

Fr. Fork oil capacity ..... 195 ml per leg

Front fork oil ..... 1F (Endurance fork oil)

Front Brake : Disc Brake . Hydraulic 280mm

..... ventilated disc.

Rear ..... Foot operated 153 mm

..... single lead, internal

..... expanding

Brake oil Capacity ..... 60 ml

Brake oil grade ..... DOT 3 or DOT 4

Tyre size : Front ..... 3.25x19 4/6 PR

Rear ..... 3.25x19 4/6 PR

### TYRE PRESSURE

Solo Front ..... 20 psi/1.41 kg/cm<sup>2</sup>

Rear ..... 30 psi/2.11 kg/cm<sup>2</sup>

With Pillion Front ..... 22 psi/1.55 kg/cm<sup>2</sup>

Rear ..... 32 psi/2.20 kg/cm<sup>2</sup>

Steering lock..... In built

Fuel tank capacity ..... 13.5 Litres

Reserve ..... 2 Litres approx.

### ELECTRICALS

Generation..... Alternator

System : E-Start ..... 12V-DC (III Phase)

Kick Start ..... 12V-AC/DC (I Phase) S P E C I F I C A T I O N S

8Values / 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.

Ignition ..... Digital Dual Spark

..... Ignition, TCI System

Battery : E-Start ..... 12V-14 AH MF (III Phase)

Kick Start .... 12V-5 AH (I Phase)

Head lamp MFR ..... 12V, 35/35W

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Tail lamp ..... 12V, 5W  
Brake lamp ..... 12V, 21W  
Parking lamp ..... 12V, 2W (2 Nos.)  
Speedometer lamp ..... 12V, 3.4W  
Hi beam indicator ..... 12V, 2W  
Turn Signal Tell Tale .... 12V, 2W  
Turn signal ..... 12V, 10W  
Horn ..... 12V, 2.5 Amp(Max.)

### Starter Motor (for E-Start) 12V, 0.7KW S P E C I F I C A T I O N S

#### WARNING

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

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

#### WEIGHTS

Kerb weight (90% fuel & Oil)  
E-Start ..... 187 Kgs  
Kick Start .... 183 Kgs  
Max pay load ..... 163 Kgs.

#### DIMENSIONS

Length ..... 2140 mm  
Width..... 810 mm