



Installation

Model specific instructions

For:

- **Royal Enfield 500 Bullet**
 - 2017 and newer
- **Royal Enfield 500 Classic**
 - 2017 and newer

These instructions are a model specific add-on to the general BoosterPlug installation

The general BoosterPlug installation instructions are on the 2nd page

Installation Tips

- Install the BoosterPlug module as per the general installation papers.
- The pictures below should help you locate the AIT sensor where the BoosterPlug is installed. (The arrow and the red circle)
- The AIT sensor is located on the inner side of the air filter box - between the air filter box and the rear wheel.
- You can reach the AIT sensor from the front of the air filter box (See the arrow in the picture below)
- It is a bit tight, but it is possible to get to the AIT sensor without removing the air filter box.
- You have several choices for the BoosterPlug sensor location, but on the 500 Enfield's, we prefer to route the sensor to the rear of the bike. Next to the airbox air intake hole is another very good spot.
 - Make sure you don't tie the sensor directly to any metal parts on the bike (we want to measure air temperature, not the temperature of the frame)
 - Just stick to the simple rules in the general installation instructions for placing the external sensor, and you'll be fine.

Pictures

For:

- **Royal Enfield 500 Bullet**
 - 2017 and newer
- **Royal Enfield 500 Classic**
 - 2017 and newer





Installation

General instructions

These instructions are the general instructions you need to install the BoosterPlug

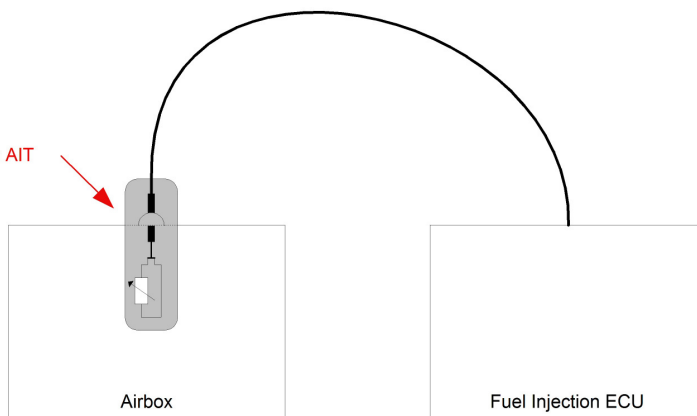
Installation

Installation is really easy - Just follow these steps to install the BoosterPlug:

1. Locate the Air Intake Temperature (AIT) sensor in the airbox and unplug the cable connector.
2. Connect the cable from the ECU to the BoosterPlug using the OEM connectors - no cutting or splicing needed.
 - *The BoosterPlug contains a male and a female connector, so you can't connect them the wrong way.*
3. Connect the BoosterPlug to the AIT sensor in the airbox - still using the OEM connectors.
4. Route the wire with the NTC resistor to a place where the NTC is not effected by engine or radiator heat and zip-tie it in place.
 - *Do not place the external sensor behind Cylinder Heads or Radiator.*
 - *Install it in a location where the sensor is receiving a reasonable amount of cool air when you ride your bike.*
 - *If you want to install the external NTC sensor far away from the BoosterPlug box, you can extend the cable with ordinary 2 -wire cable. No magic involved. Just solder the connections and seal with heat-shrink tube.*
5. Go out and enjoy your bike.

Step 1

Unplug connector from AIT sensor in airbox



Step 2

Route the external NTC to a location where it's unaffected by engine heat and secure it with zip-ties.

Step 3

Connect cable from ECU to the BoosterPlug OEM Connector

Step 4

Connect the BoosterPlug to the AIT Connector in the Airbox

