



Installation

Model specific instructions

For:

- **Royal Enfield 650 Interceptor**
 - 2018 and newer
- **Royal Enfield GT 650**
 - 2018 and newer

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

The general BoosterPlug installation instructions can be found in the "Downloads" section on the BoosterPlug.com website:

<http://www.boosterplug.com/shop/cms-downloads.html>

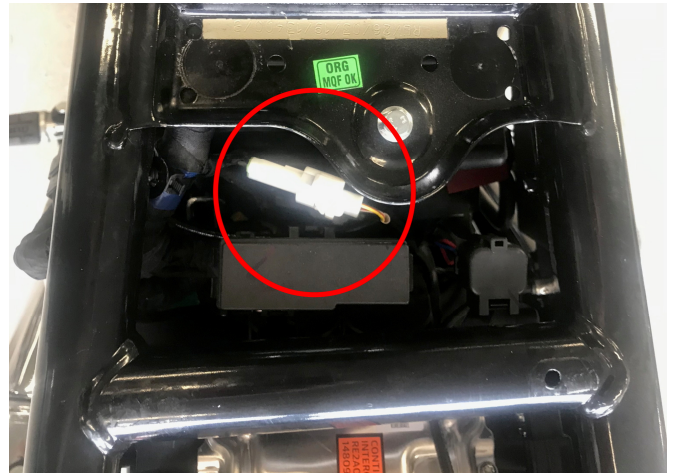
Installation Tips

- Install the BoosterPlug module as per the general installation papers.
- The pictures below should help you locate the AIT sensor connector where the BoosterPlug is installed. (The red circle)
- The AIT sensor connector is located below the riders seat.
- Remove the right hand side cover (The yellow circle).
- Pull the cable to release the seat, and lift off the seat.
- The AIT sensor connector is the white two-pin connectors that you can see in the pictures (The red circle)
- Take the AIT sensor connectors apart and install the BoosterPlug to the two connectors
- You have several choices for the BoosterPlug sensor location, but our favorite place is near the steering head or under the head light. Next to the airbox snorkel air intake hole is another very good spot.
 - Just stick to the simple rules in the general installation instructions for placing the external sensor, and you'll be fine.

Pictures

For:

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 - 2018 and newer
- **Royal Enfield GT 650**
 - 2018 and newer





Installation

General instructions

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

Bike specific installation tips can be found in the "Downloads" section on the BoosterPlug.com website:

<http://www.boosterplug.com/shop/cms-downloads.html>

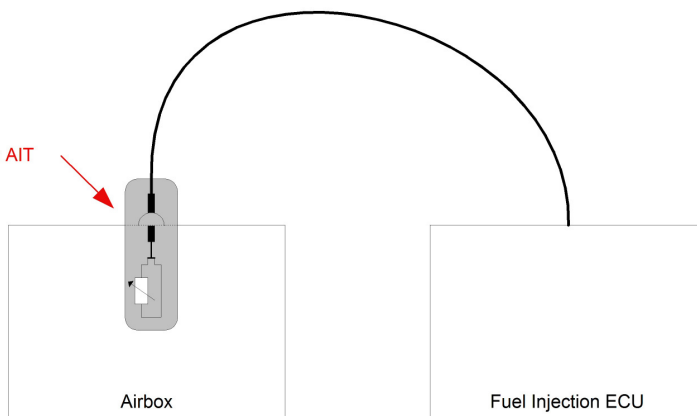
Installation

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

