

# FAT DUC O2 MANIPULATOR

## 2010 Ducati Multistrada

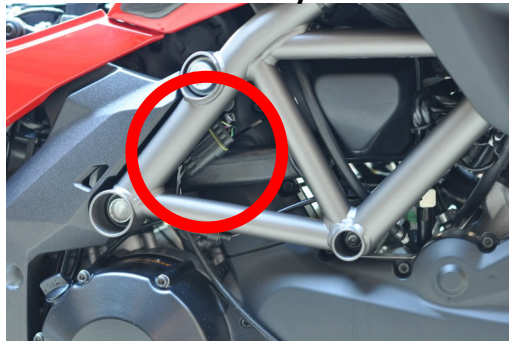
Thank you for purchasing FAT DUC O2 MANIPULATORS. Installation is simple and should take less than ten minutes. Please thoroughly read the following instructions prior to installing the product. During installation the key must be in the **OFF** position.

The O2 MANIPULATORS install inline with the factory oxygen sensor connections. The oxygen sensor connectors on the 2010 Multistrada are located near the vertical belt cover and under the seat. The connectors are labeled HORIZONTAL and VERTICAL as shown in the pictures below. Simply unplug the connectors and insert the O2 Manipulators inline with each connection. Secure the horizontal cylinder O2 Manipulator to the frame with a cable tie. Route the vertical cylinder O2 Manipulator in a way to prevent it from contacting the seat when it is reinstalled.

**Vertical Cylinder**

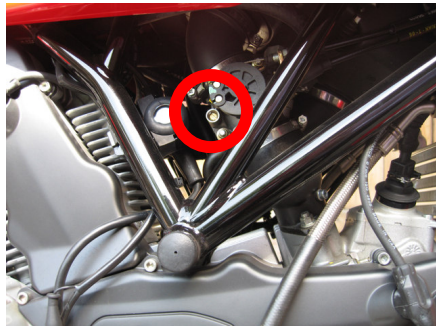


**Horizontal Cylinder**



### **Other Notes:**

During product development a small percentage of motorcycles needed a slight adjustment to the air bypass screws to stabilize the idle due to the richer fuel mixture. If you experience a surging or sticking idle, you may need to make the following air bypass screw adjustment.



Air Bleed Screw (GT1000)

The air bypass screws (2 total, 1 per side) are located on the throttle bodies. They are brass flat head screws and sometimes have plastic covers over them. Before making any adjustments, note the exact setting of each screw in case you need to revert to the original setting. If you have an erratic idle, you will need to open (turn counter clock wise) the air bleed screws to allow additional air into the idle mixture. Open each screw the same amount, as you'll want to maintain the balance between the throttle bodies. Each bike is slightly different, but opening  $\frac{1}{4}$  to  $\frac{3}{4}$  turn should stabilize the idle and keep it between 1100 – 1200 RPMs.

For installation questions or technical support, contact [sales@performanceboulevard.com](mailto:sales@performanceboulevard.com).

The use of this product is subject to the terms & conditions as listed at: <http://www.fatduc.com/terms.html>.