3 Bar Map Sensor Kit

PART# - RY11740-MS-3

We strongly recommend the use of a service manual to familiarize yourself with the various components and procedures involved with this installation. Please note that some of the original clamps, hoses and hardware removed in the disassembly process will be used in the installation process. These instructions have been written in point form and refer to illustrations. Please follow these step-by-step instructions and illustrations carefully.

APPLICATION(S): 2008~10 Yamaha FX-SHO & 2009~10 FZR/FZS

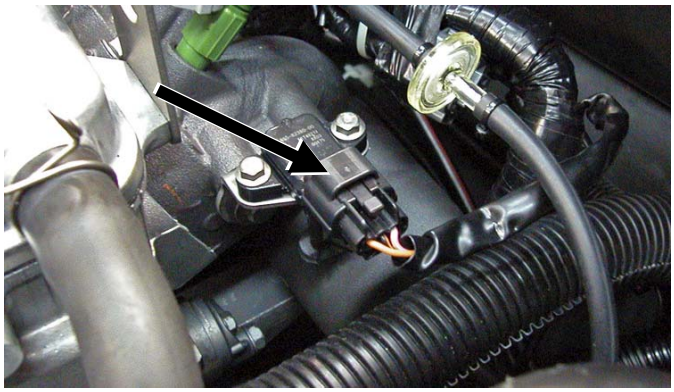
***** ALLOW ENGINE TO COOL COMPLETELY BEFORE PERFORMING INSTALLATION *****

NOTE: Aftermarket ECU must be calibrated to work with 3 Bar Map Sensor.

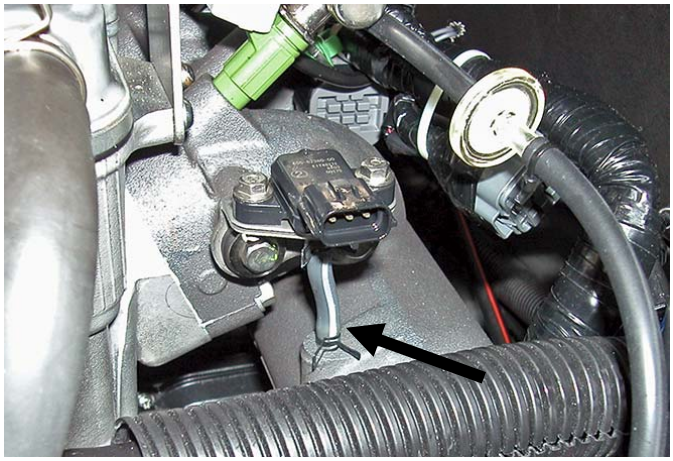
Remove seats.

Remove plastic engine cover (2 bolts).

At rear of intake manifold disconnect electrical connector at map sensor.



Under map sensor disconnect vacuum hose from intake manifold.



Remove bolts (2) securing map sensor bracket to intake manifold. Remove stock map sensor.

Remove bolts, grommets and rubber collars from stock map sensor bracket.

Install rubber collars, grommets and bolts into bracket on supplied 3 Bar Map Sensor.

Install 3 Bar Map Sensor onto intake manifold.

TIP: Install bolt closest to engine first with 3 Bar Map Sensor rotated upwards to allow access to underside. When snug rotate down to level and install second bolt. **NOTE: Apply blue Loc-tite to bolts. Torque bolts to 3.7 lbf•in / 5 N•m.**

Connect open end of vacuum hose to fitting on intake manifold. Secure with supplied zip tie.

Attach orange end of supplied connecting coupler to 3 Bar Map Sensor. Attach opposite end to stock map sensor connector.

Replace plastic engine cover.

Check bilge for tools, rags, etc. Run craft on a flush kit to check for proper operation.

Remember, the water belongs to everyone.
Please ride responsibly and respect the environment!

Technical Support

For answers to questions regarding installation or trouble shooting RIVA Performance Products contact: RIVA Technical Support directly at (954) 247-0705 or by e-mail at tech_support@rivamotorsports.com.

Due to the nature of this product we do not offer any warranty coverage.