



Pro-Series Fuel Injectors

PART# - RY12040-I-KIT-100

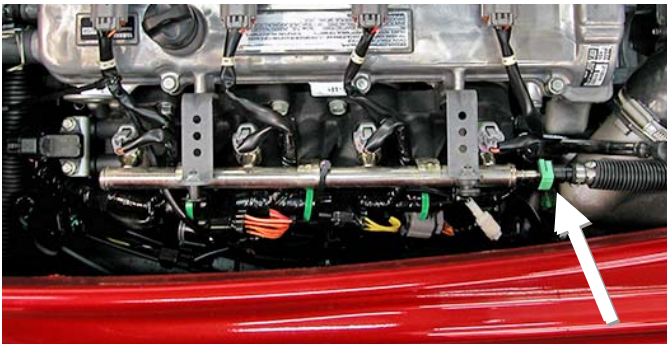
We strongly recommend the use of a service manual to familiarize yourself with the various components and procedures involved with this installation. Please note that some of the original clamps, hoses and hardware removed in the disassembly process will be used in the installation process. These instructions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

APPLICATION(S): Yamaha FX-SHO/FZ

***** NO SMOKING. ALLOW ENGINE TO COOL COMPLETELY *****

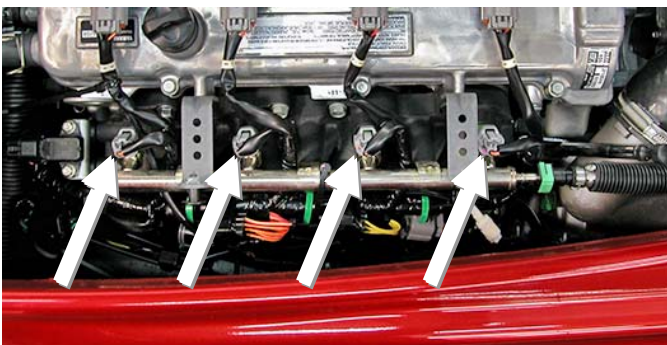
Remove lanyard and disconnect battery cables. **NOTE:** **Negative (black) first. Positive (red) second.**

Place a heavy shop rag under fuel rail supply fitting at front of intake manifold. Carefully disconnect fitting. **NOTE: Fuel system is under pressure.**



Carefully remove opposite end of fuel supply hose from top of fuel pump (on top of fuel tank) and set aside.

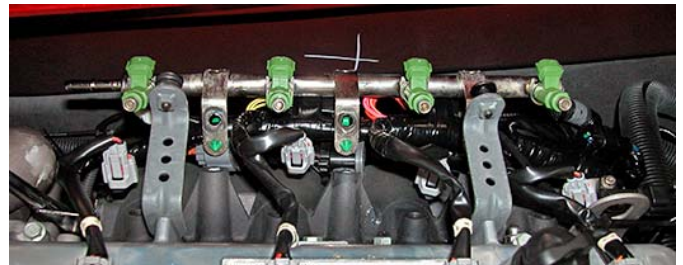
Disconnect electrical connectors (4) from fuel injectors.



Remove bolts (3) securing fuel supply rail to intake manifold and discard.

Carefully lift fuel rail up evenly at both ends to remove injectors from intake manifold. Drain excess fuel from fuel supply rail into a container.

Carefully remove stock fuel injectors (4) from fuel rail and set aside.



At intake manifold where injectors are installed carefully remove rubber seals (4) from intake manifold and set aside.

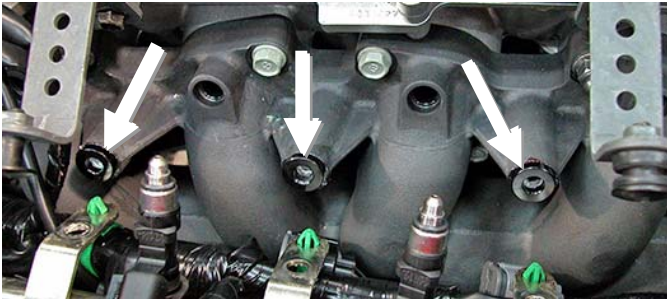


Remove and inspect supplied fuel injectors (4). Make sure no foreign debris is present and that one o-ring is on each end (2 per injector). Apply a thin coat of motor oil onto o-rings.

At intake manifold apply grease to exposed surface of bosses (3) where fuel supply rail is secured to intake manifold.



Install the supplied billet spacers (3) onto the bosses that were greased.



Install injectors into fuel supply rail so electrical connectors face up when fuel rail is replaced. **NOTE: Install so that electrical connector is closest to fuel supply rail.**

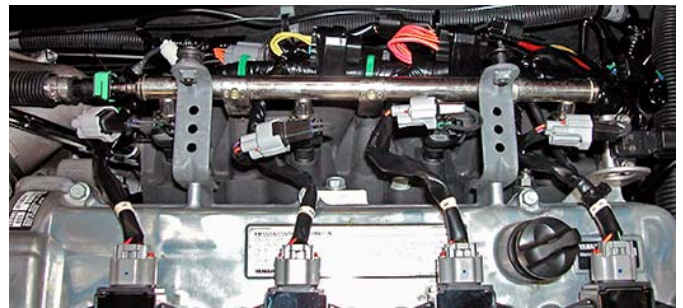


Carefully replace fuel supply rail onto intake manifold. **NOTE: Make sure o-rings are in place at end of injectors and that injectors are free of foreign debris.**

Secure fuel supply rail using supplied bolts (3) and washers (3). **NOTE: Apply blue Loc-tite to bolts. Torque bolts to 9.6 ft•lb / 13 N•m.**



Install supplied connectors (4) between fuel injectors and injector wiring harness connectors. **NOTE: Make sure both ends of connectors are snapped into place securely.**



Replace fuel supply hose. **NOTE: Make sure both ends of fuel supply hose are snapped into place securely.**

Reconnect battery cables. **NOTE: Positive (red) first. Negative (black) second.**

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.

NOTE: Due to the nature and intended use of this product we do not offer warranty coverage.