



# ALUMINUM FUEL RAIL KIT

## For Use with Pro-Flo XT Intake Manifolds

### Part #3627, 3629, 3644, 3657

### INSTALLATION INSTRUCTIONS

**PLEASE** study these instructions carefully before beginning this installation. Most installations can be accomplished with common tools and procedures. However, you should be familiar with and comfortable working on your vehicle. If you do not feel comfortable performing this installation, it is recommended to have the installation completed by a mechanic.

#### IMPORTANT NOTE:

**Proper installation is the responsibility of the installer. Improper installation will void warranty and may result in poor performance and engine or vehicle damage.**

- **DESCRIPTION:** These Aluminum Fuel Rail Kits are designed to be used with the Edelbrock Pro-Flo XT intake manifolds. (See the table below for specific applications.) They are intended to be used with compact injectors that have a 1.50" o-ring to o-ring length, such as our high impedance Edelbrock Pico injectors, or standard height injectors with a 2.50" o-ring to o-ring spacing such as our Edelbrock MotoTron injectors when used with the supplied adapters. See our catalog under "EFI Replacement Parts" for details. **NOTE:** Fuel Rail Kit #3629 may require modification to the brackets to clear large body aftermarket injectors.

#### **Kit includes the following:**

- 2 - Machined Fuel Rail Extrusions (ends tapped for -6 AN)
- 4 - Fuel Rail Brackets
- 4 - 1/4"-20 x 1-1/4" Socket Head Cap Screw
- 4 - 1/4"-20 Nyloc Hex Nut
- 8 - 1/4" AN Washer
- 4 - 1/4" Lock Washer
- 8 - 1/4"-20 x 5/8" Socket Button Head Cap Screw
- 4 - 1/4"-20 x 1-1/2" Hex Head Bolt

Application	Fuel Rail Kit Part Number	Pro-Flo XT Intake Manifold Part Number
Small Block Chevy	3627	7127 / 7128 (‘55-’86 Cyl. Heads / Vortec)
Chevy Gen III/IV (LS1, LS2, etc.) *	3629	7139
Big Block Chevy	3657	7135
Big Block Chrysler	3644	7144

**\*Does not include engines equipped with L92 heads.**

- **INJECTOR ASSEMBLY:** Apply silicone assembly lube to the injector o-rings before installing them into the manifold and fuel rails. Make sure that the o-rings of the injectors create a complete seal with the fuel rail and the intake manifold to prevent any air or fuel leaks.

**NOTE:** Most applications will require a fuel pressure regulator and crossover, which are not included with this kit.

- **INSTALLATION:** For Pico style injectors, use the 1-1/4" long socket head cap screws to mount the fuel rails directly to the raised bosses located on the runners. For standard height injector applications, attach the four brackets to the manifold using the supplied 5/8" long button head screws. **Do not use washers underneath the button head screws as this will limit thread engagement.** The brackets have a slight compound bend in them to compensate for the thickness of the material. To ensure proper fuel rail alignment, orient the brackets so that the top portion of the bracket is closer to the plenum than the bottom of the bracket. Use the 1-1/2" long hex head bolts, washers and lock nuts to mount the fuel rails to the brackets.
- **FINAL CHECKS:** After finishing assembly, check the following:
  - Assure that the injector o-rings are fully seated inside their respective bores and the injectors are able to rotate freely.
  - Activate the fuel pump and check the system for any leaks prior to starting the engine. Repair any leaks immediately.