



ALUMINUM FUEL RAIL KIT
For 1986 - 1995 Ford 5.0L EFI engines
Catalog #3628
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. If you have any questions, please call our **Technical Hotline at: 1-800-416-8628**, 7:00 am - 5:00 pm, Pacific Standard Time, Monday through Friday.

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: Aluminum Fuel Rail Kit #3628 is designed for 1986-1995 Ford Mustangs with the 5.0L V8 engine. This fuel rail was designed to fit stock manifolds as well as Edelbrock Performer (3821), Performer RPM (7123), and Victor Manifolds (2945). Spacers and/or grinding will be necessary for fuel rails to clear Edelbrock manifolds. It will be necessary for the customer to supply their own fuel crossover and fuel pressure regulator, such as Edelbrock PN 1728 (*See the fuel routing diagram on the next page for more details*). It is designed to be used with stock or standard height injectors with a 2.50" o-ring to o-ring spacing such as our Edelbrock MotoTron injectors. See our catalog under "EFI Replacement Parts" for details.

FUEL RAIL KIT: Install fuel rail kit and your injectors using the included 1/4"-20 bolts. Apply an o-ring assembly lube to the injector o-rings before installing them into the manifold and fuel rails. Brake system assembly lube works well. 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.

Kit includes the following:

- 2 - Machined fuel rail extrusions (fuel rail ends tapped for 3/8" pipe)
- 4 - Fuel Rail Bracket
- 4 - 1/4"-20 x 1" Socket Cap Bolt
- 4 - 1/4"-20 Hex Nut
- 8 - 10-32 x 1/2" Hex Cap Screws
- 4 - 1/4" .300" Spacers
- 4 - 1/4" Washers
- 1 - 3/8" NPT Plug

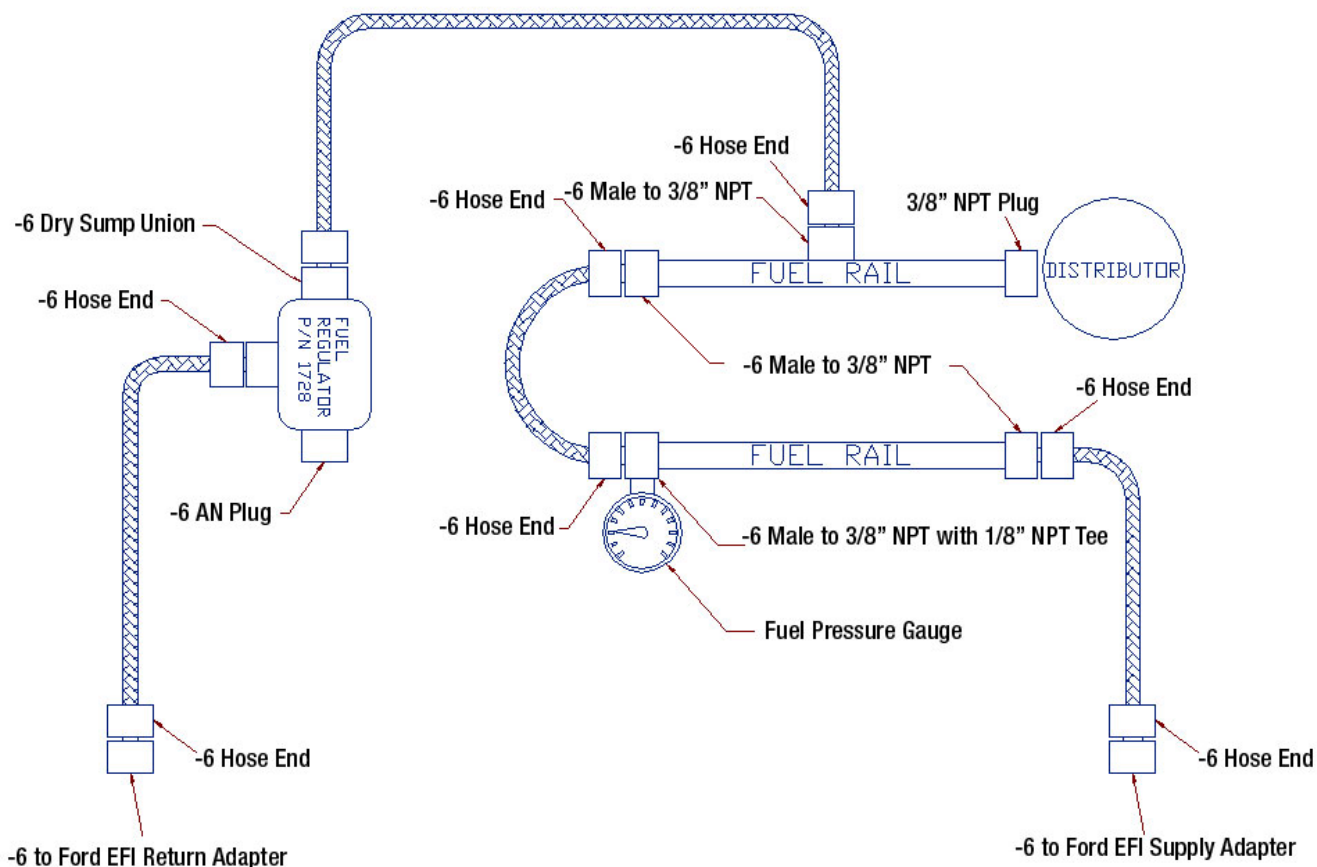
FINAL CHECKS: After finishing assembly, check the following:

- Check the fit of each injector. They should be able to rotate freely. The O-rings should be fully inside their respective bores.
- Activate the fuel pump and fully check the system for any leaks prior to starting the engine.

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FUEL ROUTING DIAGRAM

Below is an example of the recommended fuel routing diagram and component list. Actual components and routing diagram may vary depending on application. Fuel components are available at your local Russell Performance dealer.



RECOMMENDED COMPONENTS *(sold separately)*

| Quantity | Description | Part Number | Blue Part # | Endura Part # | Black Part # |
|----------|--|------------------|-------------|---------------|--------------|
| 1 | Edelbrock Fuel Pressure Regulator Kit | 1728 | - | - | - |
| 3 | 3/8" NPT x -6 AN Male Adapter | - | 660460 | 660461 | 660463 |
| 1 | 3/8" NPT x -6 AN Male Adapter w/ 1/8" NPT Port | - | 670060 | 670061 | 670063 |
| 2 | -6 AN Dry Sump Union | - | - | - | 670840 |
| 1 | -6 AN Plug | - | 660270 | 660271 | 660273 |
| 10 FT | -6 AN Fuel Hose <i>(Use appropriate -6 AN Fuel Hose)</i> | - | - | - | - |
| 3 | -6 AN Straight Hose End | - | 610020* | 610021 | 610025 |
| 1 | -6 AN 45° Swivel Hose End | - | 613090* | 613091 | 613095 |
| 4 | -6 AN 90° Swivel Hose End | - | 613160* | 613161 | 613165 |
| 1 | -6 AN to Ford Return Side Fitting | - | 640870 | - | 640873 |
| 1 | -6 AN to Ford Supply Side Fitting | - | 640900 | - | 640903 |
| 1 | - Assembly Lube/Sealant Kit | 671570 | - | - | - |
| 1 | 0 - 100 psi fuel pressure gauge | 650320 650340 | - | - | - |

**Red and Blue finish*