



ALUMINUM FUEL RAIL KIT  
For Use with Victor Jr. LS1 EFI Intake Manifold #29085  
Catalog #3638  
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 or e-mail us at [edelbrock@edelbrock.com](mailto:edelbrock@edelbrock.com).

- **DESCRIPTION:** Aluminum Fuel Rail Kit #3638 is designed to be used with the Edelbrock Victor Jr. LS1 EFI Intake Manifold #29085. It is designed to be used with compact injectors with 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.. See our catalog under "*EFI Replacement Parts*" for details. This fuel rail kit may also be purchased with the Edelbrock Victor Jr. LS1 EFI Intake manifold (#29085) under catalog #29086. It may also be used in custom applications where manifold #29085 is not being used.
- **FUEL RAIL KIT:** Install fuel rail kit and your injectors using the included 1/4"-20 nuts and 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 Stand*
  - 4 - *1/4"-20 x 1-1/4" Hex Head Bolt*
  - 4 - *1/4"-20 Hex Nut*
  - 8 - *1/4" AN Washer*
  - 4 - *1/4" Lock Washer*
  - 4 - *1/4"-20 x 1/2" Socket Head Bolt*
- **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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