



ALUMINUM FUEL RAIL KIT
For 304-400 Holden V8 Intake Manifold # 75945 EFI
Catalog #3504
INSTALLATION INSTRUCTIONS

PLEASE study these instructions carefully before beginning this installation. This installation can be accomplished with common tools and procedures. However, a familiarity with working on automotive fuel systems is highly recommended. If you do not feel comfortable performing this installation or have never worked with automotive fuel systems before, it is highly recommended to have the installation completed by a Professional Mechanic. Proper installation is the responsibility of the installer. Improper installation will void the manufacturer's warranty and may result in poor performance and engine or vehicle damage. If you have any questions, please call our **Technical Hotline at: 1-800-416-8628**, Monday - Friday, 7:00 am - 5:00 pm, Pacific Standard Time.

WARNING!

Make sure to perform the installation in a well ventilated area away from any potential fire hazards. Gasoline fumes are toxic and are highly flammable. Prior to starting the installation, make sure to eliminate all potential fire hazards as fuel leakage can occur when loosening the fuel system connections.

- **DESCRIPTION:** This Aluminum Fuel Rail Kit, #3504, is designed for the 304-400 Holden V8 EFI manifold, PN 75945. It features black anodized extruded aluminum rails with -6 AN end threads for ease of installation (*Refer to Russell catalog for fittings*). They are intended to be used with standard height injectors with a 2.50" o-ring to o-ring spacing such as our MotoTron injectors. See our catalog under "EFI replacement Parts" for details.

Kit includes the following:

- 2 - Machined fuel rail extrusions (fuel rail ends tapped for -6 AN)
- 4 - Fuel Rail Brackets
- 4 - M6 X 1.0 X 30mm Hex Flange Head Bolt
- 4 - M6 X 1.0 X 12mm Hex Flange Head Bolt
- 4 - M6 X 1.0 Serrated Flange Nut

• **INSTALLATION:**

1. Install the fuel rail kit and injectors using the included mounting hardware. Apply o-ring assembly lube to the injector o-rings before installing them into the manifold and fuel rails. Orient the injectors so that the connectors are pointing outward and ensure 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: Fuel injectors are not included**).
 2. Once you have installed the fuel rail kit and injectors into the manifold, install the supplied brackets onto the fuel rails stands of the manifold using the supplied M6 X 12mm bolts as shown in **Figure 1**. Ensure that the holes on the brackets align with the side holes of the fuel rails.
 3. Secure the fuel rails to the brackets using the supplied M6 X 30mm bolts and nuts.
- **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.

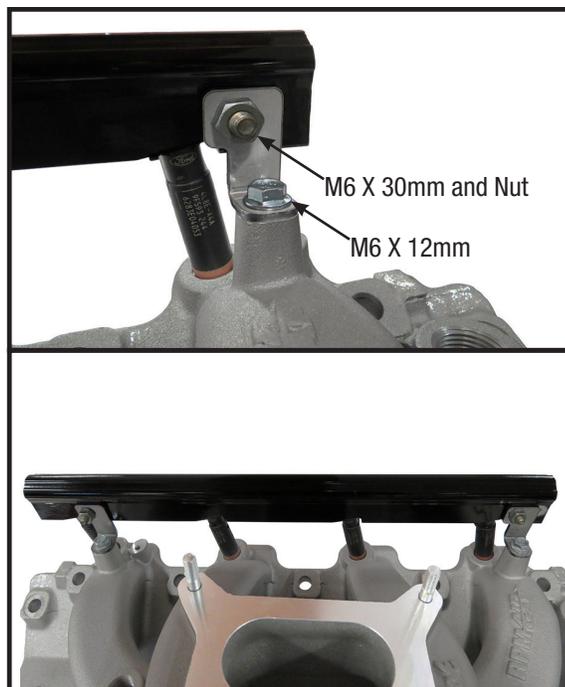


Figure 1

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