



# *Angle Return Fitting Retrofit Kit*

Installation Instructions for:  
Part Number 25-390



**WARNING:**

Due to the fact that this installation deals with your fuel system this installation is not for the mechanically challenged! If you are not mechanically inclined or do not understand the procedure please do not attempt the installation. Refer the installation to a reputable mechanic.

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Part Number: 10-293  
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This part is legal in California for racing vehicles **ONLY** and should **NEVER** be used on public highways.

**Bill of Materials for 25-390:**

|   |        |                  |
|---|--------|------------------|
| 1 | 2-610  | -6 to 7mm Nipple |
| 1 | 2-635  | -6 Banjo Bolt    |
| 2 | 1-3007 | Crush Washer     |

Read and understand these instructions **BEFORE** attempting to install this product

**WARNING!!!**

- **Do not smoke while working on the fuel system.**
- **Keep open flames or sparks away from your work area.**
- **Be sure to relieve fuel pressure while engine is off.**

Note: This retrofit kit is to be used with the **AEM** Honda Adjustable Fuel Pressure Regulator Kits 25-300 and 25-301. This retrofit kit allows Kits 25-300 and 25-301 to be used on vehicles with angled fuel return line fittings. These instructions are an addendum to the instructions included with the Adjustable Fuel Pressure Regulator Kits. Follow those instructions for proper installation of the Adjustable Fuel Pressure Regulator.

**1) Getting started**

- a) Make sure vehicle is parked on a level surface.
- b) Set parking brake.
- c) **Disconnect the negative cable from the negative battery terminal.**
- d) If engine has run within the past two hours let it cool down.
- e) Clean the area on the fuel rail adjacent to the regulator.

**2) Installation of the AEM Angle Return Fitting**

- a) Remove the fuel pressure regulator cap used in packaging from the fuel return hole at the bottom of the regulator.
  - i) If the straight fuel return fitting has already been installed in the fuel pressure regulator, remove the fitting and crush washer.
- b) Use two crush washers (one on each side of the fitting) and install the banjo bolt and nipple fitting. Do not tighten.
- c) Rotate the return nipple to match the placement of the vehicle's fuel return line.
- d) Tighten the banjo bolt to **20 lbf-ft**.
- e) Make sure that the rubber fuel return line is free flowing back to the fuel return hard line.
  - (1) Note: Ensure that there are no bends or kinks in the line that can restrict the fuel flow.
- f) Install any remaining components that were removed during disassembly.
- g) Follow the Adjustable Fuel Pressure Regulator instructions to complete the installation.

**For Technical Inquiries  
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