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## INSTALLATION INSTRUCTIONS - INS129

# ALUMINUM FUEL RAIL KIT

Part # 5019 // 2005 - 2014 Dodge Hemi 5.7, 6.1L



**SPECIAL TOOLS REQUIRED:** 13mm socket, ratchet. 11/16" wrench. White grease and Anti-seize.



**INSTALL TIME:** Approximately 2 hours.



**DIFFICULTY:** Average.



MADE IN U.S.A.

**IMPORTANT:** All appropriate safety equipment and gear must be used during the installation of this or any BBK Performance products or any time you work on a vehicle. BBK Performance accepts no responsibility for injuries or damage caused by or during the installation of this product.

UPDATED LAST: April 2019



FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

**STEP 1**

Disconnect negative battery terminal.

**STEP 2**

Remove engine cover.

**STEP 3**

Disconnect fuel feed line by squeezing blue colored plastic lock and pulling up on line.

**STEP 4**

Remove fuel rail hold down studs with 13mm deep socket.

**STEP 5**

Remove rail assembly and injectors.

**STEP 6**

Remove the clips that hold the injectors to the rails and remove the injectors.

**STEP 7**

Assemble the BBK aluminum rails by installing the supplied O rings onto the end caps and -6 end fittings.

**STEP 8**

Wipe a small amount of white grease onto the O rings and install fitting into the rails. The end caps go to the front, the -6 end fittings to the rear.

Tighten with 11/16" wrench.

**STEP 9**

Install the supplied O ring onto the fuel feed fitting and install the fitting onto the passenger side rail at the rear of the rail pointing up.

**STEP 10**

Wipe a small amount of white grease onto the injector O rings to aid in assembly. Install the injectors in their respective holes in the intake manifold.

**STEP 11**

Install BBK fuel rails onto injectors and push rails down to seat injectors.

**STEP 12**

Install the supplied clamps onto the rails and reuse the stock studs to retain the clamps. Tighten studs with 13mm deep socket.

**STEP 13**

Assemble the crossover hose and -6 barbed hose fittings. Wipe a small amount of white grease on barbed end to aid in assembly.

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#### STEP 14

Dab a small amount of anti-seize on -6 end fittings and install hose. Tighten with 11/16" wrench.

#### STEP 15

Reconnect the stock fuel feed line to the fitting on the BBK rails. Install the blue plastic lock piece on the inlet fitting first then push hose over it and push down to lock. Make sure the line locks onto the fitting on the rail.

#### STEP 16

Reconnect the battery and turn the ignition key to the ON position and then OFF again a few times to pressurize system. Check for any leaks in the rails and fittings.

#### STEP 17

Start the engine and double check for leaks with engine running.

#### STEP 18

Reinstall engine cover.

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