



Fuel Rail Covers Perforated Replacement For Dry  
Sump  
2008-2013



# **AMERICAN CAR CRAFT INSTRUCTIONS**

## **2010-2013 C6 Corvette Grand Sport (Dry Sump LS3) Fuel Rail Covers Perforated Replacement Style Part #043118**



**\*WET SUMP VERSION SHOWN AS EXAMPLE\***

### **Parts Included:**

- 2- Stainless Installation Brackets w/Velcro attached
- 1-3/8" Vacuum Cap
- 1-Adhesive Promoter Packet
- 1-Decorative Chrome Cap w/ butyl attachment putty
- 2- Stainless Perforated Replacement Covers

**Liner Information:** Your new accessories will come to you with a protective surface liner. Leave this liner in place until the installation is complete to prevent finger prints and or possible scratches during installation.

1. Remove the two factory fuel rail covers and set aside.
2. Starting with the driver's side remove the two bolts securing the factory fuel rails to the plenum and set aside for a moment. You have been supplied with two identical installation brackets. These brackets come to you flat and have been designed in such a way as to allow you to bend them by hand so that you can set the two holes in the bracket at the hole locations you just exposed at the base of the fuel rail. The small notches in the brackets will allow you to bend the top portion so that it folds over the fuel rail providing an attachment point for the new fuel rail cover. After you have successfully formed the brackets simply reinstall the fuel rail bolts to secure the new bracket. After it's nice and tight tweak the shape of the bracket so that it sits nice and snug to the fuel rail.

3. Using a fuel line removal tool detach the fuel line and cap the fuel rail with the 3/8" vacuum cap provided. This will help to reduce the amount of fuel that will spill out of the fuel line. Soak up any fuel that will have puddled with a paper towel. (The fuel line removal tool is an inexpensive tool available at any auto parts store for just a buck and change.) You will also need to unclip the small stainless steel safety clip before you can detach the fuel line.
4. Your factory fuel rail covers contain two small rubber attachment sockets attached to the underside of each cover. With a little force remove these sockets and then install them on the new stainless covers.
5. Now that you have successfully installed the attachment brackets and rubber sockets remove the release liner from the Velcro strip attached to the brackets to expose the adhesive. Apply a single swipe of adhesive promoter to the underside of the new covers where this Velcro strip will make contact, allow a few seconds to dry. Set the new covers onto the attachment spindles provided for the factory covers and gently push down to snap the new cover on and then roll the top side of the new covers so that they make contact with the exposed adhesive on the attachment bracket and firmly press down. Once you have made that contact remove the cover so that you can set the Velcro strip with your fingers more efficiently. Then reinstall the new cover. At this time, you will need to take a look at the overall fitment of the cover to determine if you need to shape the new cover by hand to make sure it is sitting in a good position and nice and snug to the engine. Although you should not have to make any extreme changes you will always need to tweak the shape a little to get just the right fit. A properly fitting cover will sit nice into the scalloped areas of the plenum and sit nice and snug to the engine. If the new cover seems to sit a little high or seems to have an excessive gap between the plenum and new cover this can be adjusted by removing the new cover once more and then force the attachment bracket downward and more tightly to the fuel rail. Then simply reinstall the new cover. Once you have achieved a nice close and snug fit you can now simply snap on the fuel line by removing the vacuum cap and then push the line in place until it snaps on securely. To make sure your line is in place properly pull the line with some force demonstrating that the line has been successful installed. A properly reinstalled fuel line will require the removal tool to allow you to detach it.
6. Now that you have successfully installed the new cover and fuel line you can apply the decorative fuel line cover. This small chrome piece will contain butyl putty already applied to the underside. Simply remove the release paper strip and then firmly press it into position. Remove the blue protective liner to finish the driver side fuel rail cover installation. The passenger side cover installs in exactly the same way less the fuel line. Simply follow the same procedure and remove the protective liner.

**If any questions occur during installation, please contact American Car Craft at  
727-861-1500**

**Thank you and enjoy your purchase!**

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