

Fuel Rail Cover Installation Instructions For 4.6 Liter V8 engine

Tools required

- 5/16" deep well socket with ratchet
- 1/8" Allen wrench (supplied)
- Blade screw driver

For cars already equipped with an original Ford intake cover.

Using a deep well socket, remove the two hex nuts at the front of the cover, pull the back of the cover up and off the two mounting studs located at the rear of the intake cover (one on either side) and move the cover forward off the front studs, and store it safely until you've completed the fuel rail cover installation.

For cars not already equipped with an original Ford intake cover

You will not achieve the desired look without the matching factory intake cover. You can purchase one from CPC or your local Ford dealer. Store it safely until you've completed the fuel rail cover installation.

Begin the fuel rail cover installation by first removing the engine oil dipstick **-fig. 1**. Pull the wire harness retainer jam clips off the studs located on the cam covers **-fig. 2&3**. Identify the driver side/passenger side stainless steel brackets and push them onto the "bare" studs, evenly until they bottom out **-fig. 4**. Note – Brackets must bottom out for proper alignment with fuel rail covers. A little persuasion **-fig. 5** may be required if variations in stud center to center distance is excessive. Push the harness jam clips back onto the studs making sure that the large harness is on the inside **-fig. 6&7**.

Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

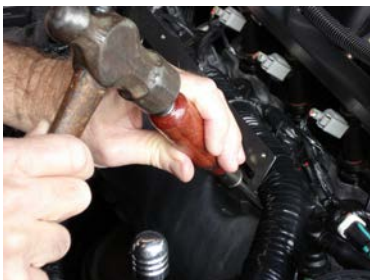


Fig. 6

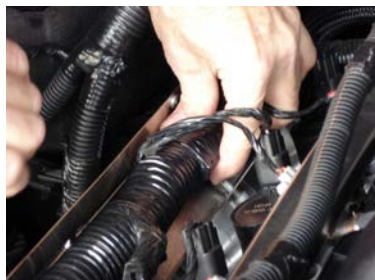


Fig. 7



Notice that there are two mounting tabs on the passenger side fuel rail cover and one on the driver side cover which mount to either side of the intake manifold. Identify the appropriate studs -fig. 8&9 and remove them Using All Due Caution not to drop them through the slots between the intake runners. Dropped studs are easily retrieved with a magnetic retrieval tool or buy replacements from Ford. Do not remove the intake manifold to retrieve a dropped stud!

Driver side cover installation

Remove the air box cover and duct -fig. 10, and disconnect the air sensor from the air box, the vacuum tube -fig. 11 between the cam cover and the intake plenum. Carefully slide it into place from the front using all caution to prevent damage to the cover “finish”. (DO NOT DISCONNECT ANY FUEL LINES”)

Note- Rotate the fuel rail coupling clip -fig. 12 for maximum clearance, and push wires and hoses out of the way as you slide the cover into position. Attach the fuel rail cover to the stainless bracket using two of the 10-32 x 3/8” screws supplied -fig. 13.

Position and align the fuel rail bracket and the tab on the fuel rail cover over the threaded hole in the intake manifold, insert the stud and tighten using caution not to over tighten -fig. 14.

Fig. 8



Fig. 9



Fig. 10

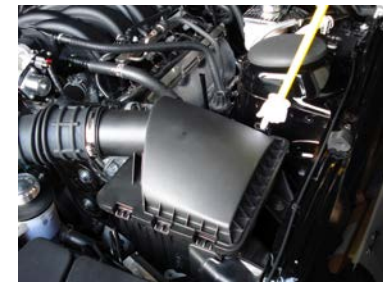


Fig. 11



Fig. 12

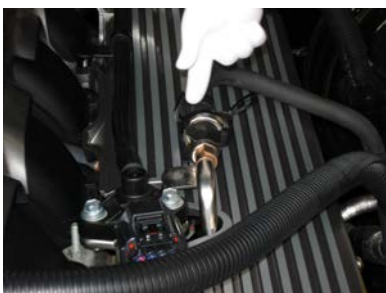
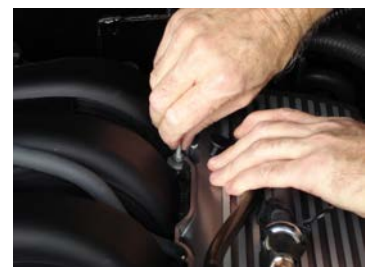


Fig. 13



Fig. 14



Passenger side cover installation

Align and install the two 10-32 x3/8” screws to fasten the “passenger side” fuel rail cover to the stainless steel bracket you mounted on the studs on the cam cover -fig. 15.

Position and align the fuel rail brackets and the tabs on the fuel rail cover over the threaded holes in the intake manifold, insert the two studs and tighten using caution not to over tighten -fig. 16.

Replace the intake cover by pushing the front of the cover over the cover attaching studs -fig. 17 and pushing the rear side brackets with grommets down over the mounting studs. Install the two flanged nuts on the front studs to complete the intake cover installation. Reinstall the hose and wire retainer clips.

Reinstall the air box cover and reattach all connectors and connections securely. Reinstall the engine oil dipstick to complete the installation. *

If you have not previously installed a NXT Generation Fuse Box Cover, notice how ordinary the factory fuse box looks and consider this for your next project.

If your car still has the factory hood prop rod setup, consider how much more enjoyable this Fuel Rail Cover installation would have been if you didn't have to work around it, always bumping into it and worrying you would knock it out of it's socket, to have the hood crash down on your head. Now might be a good time to install a NXT Generation Hood Lift Kit. There is no better looking or easier to install, simple bolt on set up available at any price.

P.S. Want to clean up the shock towers? Consider a set of NXT Generation Shock Tower Covers for a more finished off custom look.

Give us a call and we'll tell you where to get them.

Thank you for choosing from the NXT Generation line of quality products from California Pony Cars.

Ray Harrington
President

***CAUTION:** The use of harsh degreasers and/or high pressure washers may damage the painted finish on these products and will void any warranty or any adjustment or return of these products.

Learn more about other body kits & ground effects by California Pony Cars on our website.

Fig. 15



Fig. 16



Fig. 17

