Firewall Cover
Installation Instruction Sheet

Please Read Carefully

Our Firewall cover is designed to fit on the stock strut brace. If you have an aftermarket strut brace than it is you're responsibility to do a test fitment to confirm it will fit.

Every model and year will have some little differences therefore we strongly recommend that prior to prep and paint you install your firewall cover and do a test fitment first.
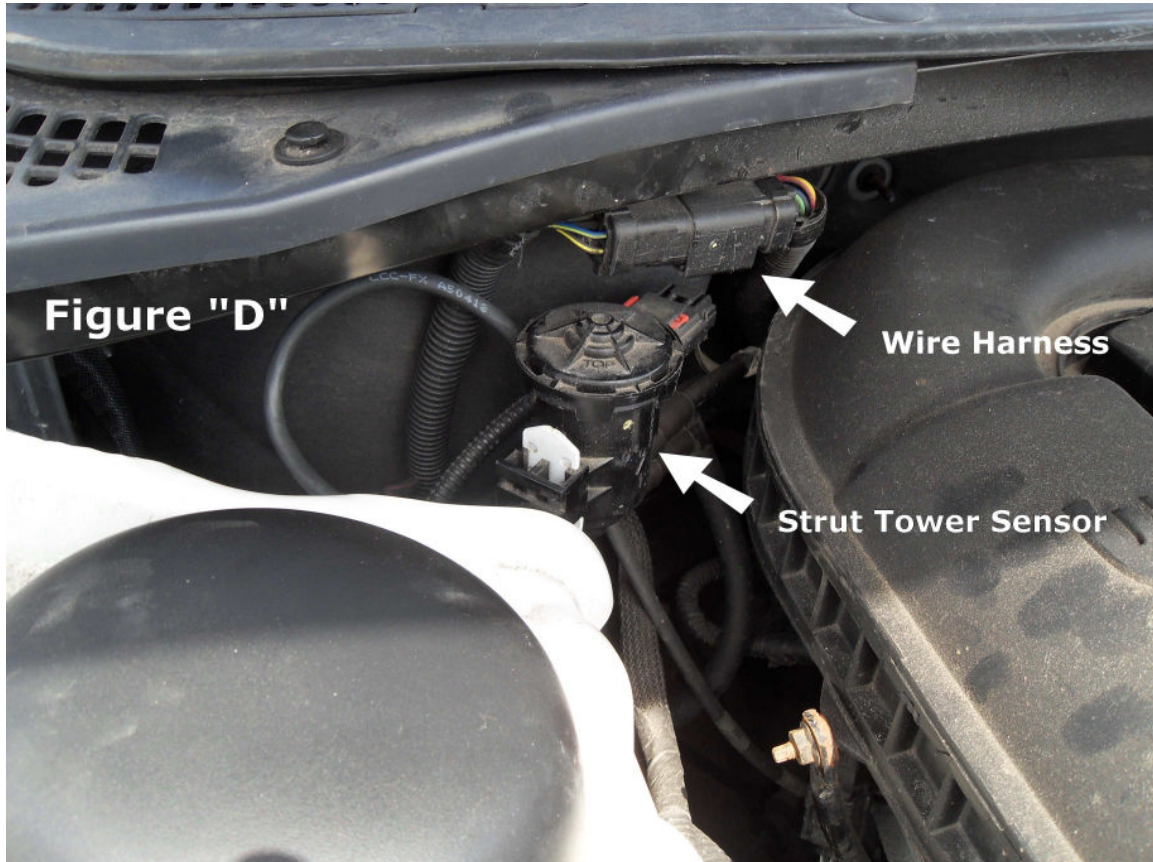
Make sure it fits correctly and there no interferences.

Be sure that you have proper clearance on the top, back, sides and bottom and nothing is rubbing.

Note: If you have ordered your Firewall cover with a cut-out and are planning on using the 3G provided metal backer plate then please refer to the "3G Backer Plates Installation Instruction Sheet" in our download center for it's proper installation.

Installing the Cover

To install the firewall cover you will first have to relocate the strut tower purge solenoid and wire harness as shown in figure "D".

Figure "D"

Wire Harness

Strut Tower Sensor
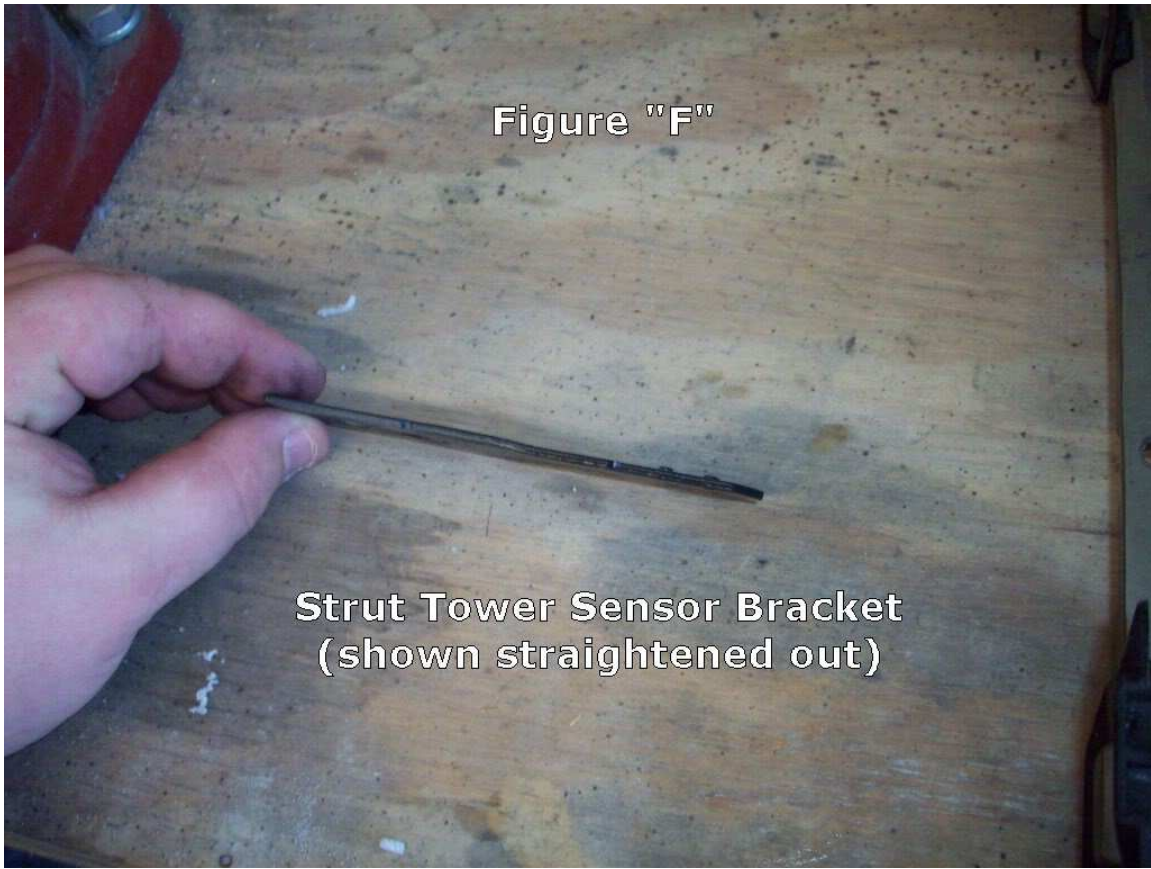
Slide the purge solenoid up and off the bracket.

Remove the mounting bracket.

Note: On the 2011 models you do not have to use the bracket just slide the purge solenoid off remove the bracket and then push the purge solenoid back enough to install the firewall.

The bracket has a slight twist in it as shown in figure "E".

Figure "E"

Strut Tower Sensor Bracket
(shown with twist)

Straighten the bracket out using a bench vise or a couple of channel lock pliers or just hammering it flat as shown in figure "F".

Figure "F"

Strut Tower Sensor Bracket
(shown straightened out)

Once the bracket is flat put a 90 degree bend in it as shown in figure
"G".

Figure "G"

Strut Tower Sensor Bracket
(shown with 90 degree bend)

Now this bracket will get re-mounted on the ground stud on top of the strut tower as shown in figure "H".

Figure "H"

Re-Mount Strut Sensor Bracket here

Remove the nut and then the (3) ground wires then put the bracket on first then the (3) ground wires them turn the purge solenoid towards the back of the car and secure them all in place with the nut as shown in figure "I".

Figure "I"

Replace the ground wires swing sensor towards the back and tighten down
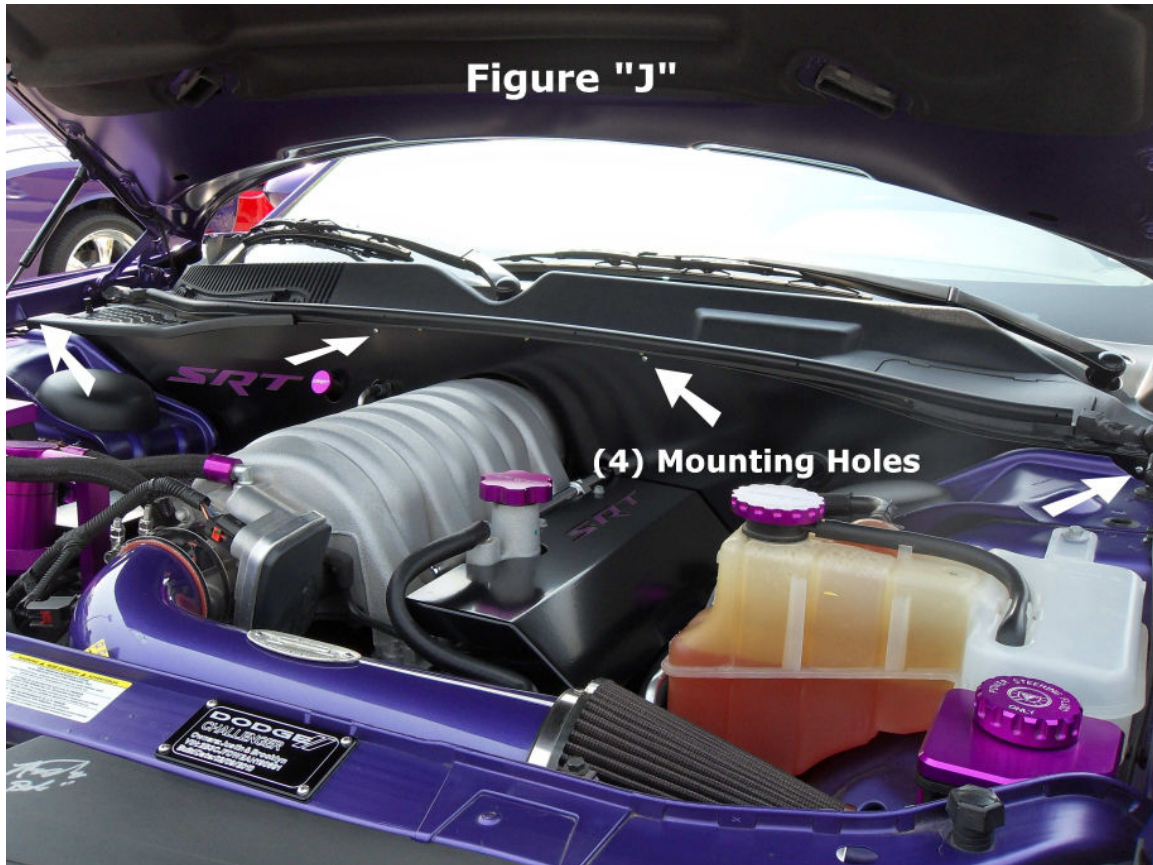
Now that the strut tower purge solenoid has been relocated next we need to relocate the wire harness. Remove the plastic clip that holds the wire harness in place. Now just push the wire harness back under the factory strut brace. We can now begin to install the Firewall cover.

There are two holes in the Firewall cover one for the coolant tank line and the other for the transmission dipstick. Unhook the coolant line from the coolant tank to feed it through the Firewall cover then re-attach it to the coolant tank. If you are doing the firewall in conjunction with the Right Side Power Steering cover then install the Firewall cover first. Also route any wires away from the bottom of the Firewall cover if in doubt if they look like they are going to touch the bottom of the Firewall cover add additional loom or electrical tape for added protection and make sure the wires are still in the tie downs attached to the chassis of the vehicle.

First position the Firewall cover (it is better to have help with this step) on the factory strut brace and position it what looks best for proper clearance from top to bottom and left to right as shown in figure "J".

We recommend positioning the notch on the passenger side first then working towards the driver's side while keeping the cover flush with the top of the factory strut brace.

Figure "J"

(4) Mounting Holes

Then mark the (4) pre-drilled holes onto the factory strut brace.

Remove the cover and then using the self tapping screws go ahead and just screw them in with a drill about half way.

After all (4) screws are started remove them and re-position the firewall and screw it into position with the (4) screws. Tighten snug but do not over tighten.

If all looks well and you are happy with the fit and position then you are ready to remove the cover and apply its final finish and then re-install.

The following was included in the shipping container

(1) 3GCUSTOMZ Firewall Cover
(4) #6 x 3/8" Self Tapping Sheet Metal screws
(1) Instruction/installation sheet

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