

***“Where Performance and Appearance Meet”***



## **2014 SS ENGINE COVER INSTALLATION INSTRUCTIONS**

<b>Parts list</b>	<b>QTY</b>
1) Engine cover left	1
2) Engine cover right	1
3) Engine cover studs	4
4) Lower mounting grommets	4
5) Upper “horseshoe” grommets	4
6) Cable ties	6
7) 1/2” split loom 12” long	1

Tools needed  
10mm deep socket  
Pry tool

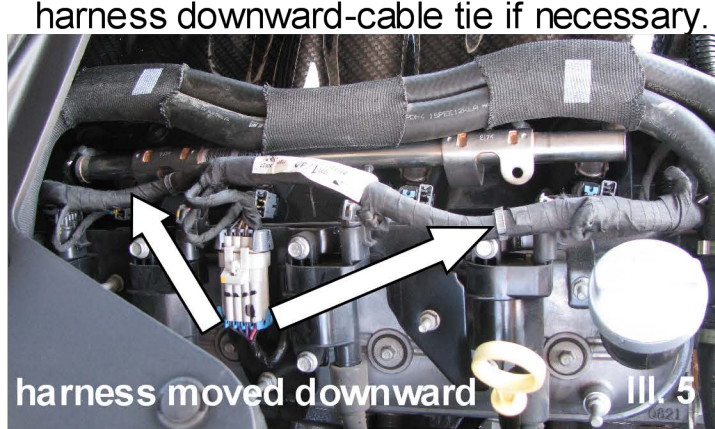
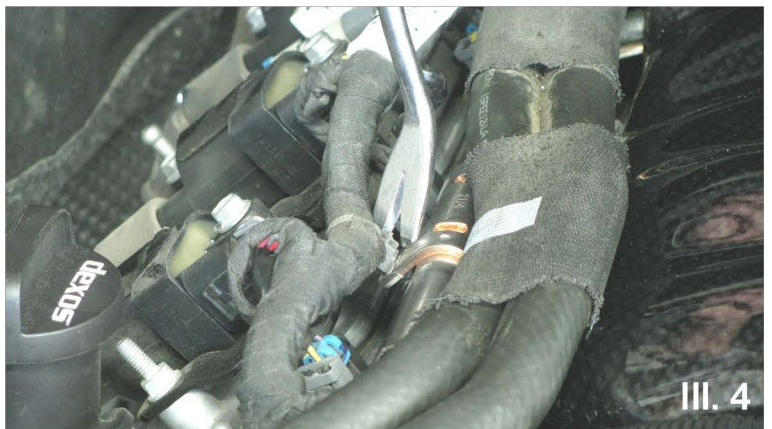
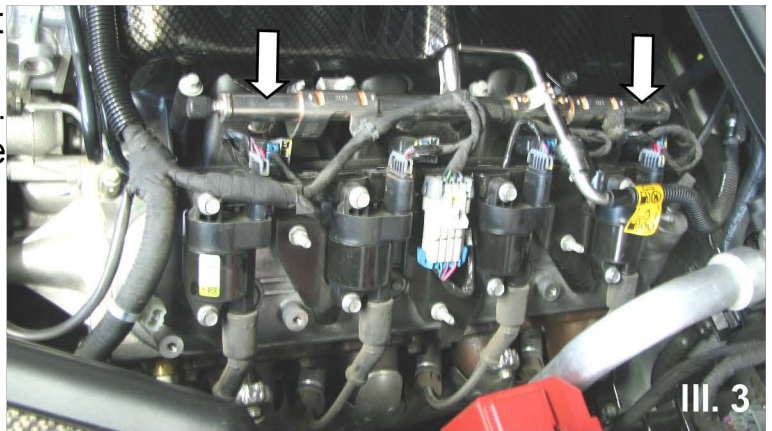
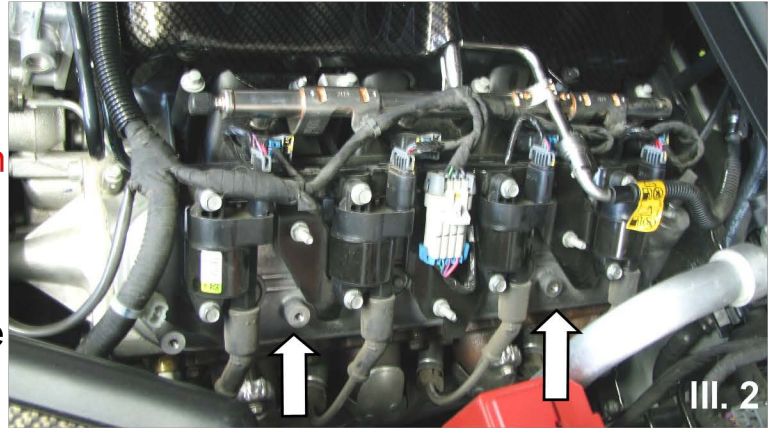
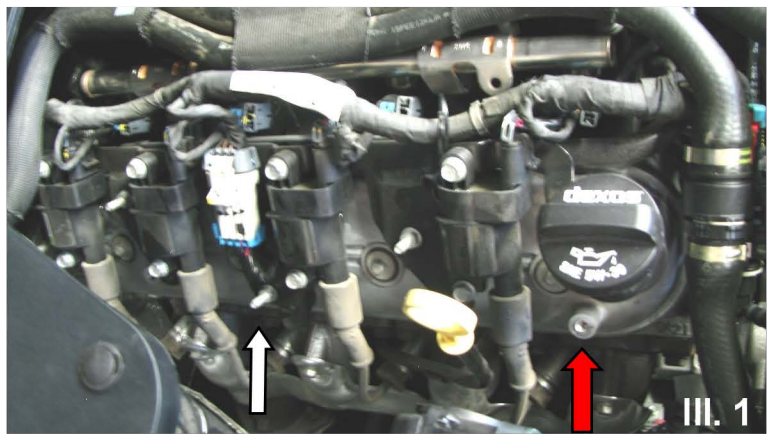


Remove the stock engine cover by lifting upwards on the front of the cover then pulling up the rear.

On the right (passenger) side, remove the coil bracket mounting stud pointed out with the white arrow in ill. 1. Locate the (4) #3 studs and install one in place of the stud. Do not overtighten. Install another #3 stud in the front threaded boss indicated with the red arrow. Install the remaining two studs in the threaded bosses pointed out on the left side in ill. 2. Do not overtighten.

**IMPORTANT-the upper engine cover brackets must have adequate clearance on the wiring harness, so please follow the next steps very closely.**

Left side- The upper mounts will engage the fuel rail appr. 1" in from each end of the fuel rail as indicated in ill. 3. At these areas, position the wiring as far away from the fuel rail as possible to allow the bracket to travel on/off without interfering with the wiring. Use the #6 cable ties as necessary. Right side-near the front of the fuel rail, use a pry tool to free the loom holder shown in ill. 4. The harness should then pull away from the fuel rail and rest on the coil connector.(ill. 5) The rear mount engages between the end of the fuel rail and the soldered bracket on the fuel rail. Move harness downward-cable tie if necessary.





Locate the #1 left engine cover, (2) of the #4 lower grommets and (2) of the #5 upper “horseshoe” grommets. Install the lower round grommets by pushing into the mounting tubes on the engine cover, then turning appr. 1/2 turn to fully seat. Install the upper “horseshoe” grommets by hooking one side over one of the tangs on the upper brackets then pushing the other side over the remaining tang. Repeat this process for the #2 right engine cover and the remaining grommets.

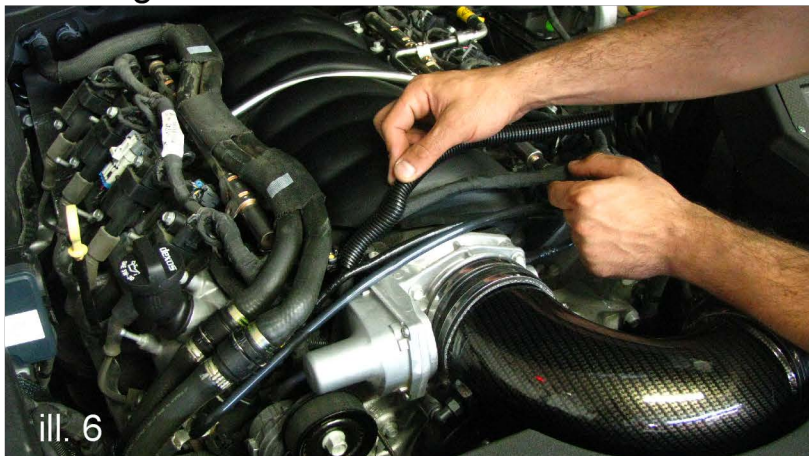
### **Engine cover installation**

*Left side-be careful not to contact the finished surface of your engine cover with the aluminum A/C line.* Working from the front of the car, look under the cover to position the lower mounts of the engine cover on top of the engine cover studs previously installed. Check to verify the upper “horseshoe” grommets are resting directly on top of the fuel rail. Push down on the lower area of the cover first to engage the bottom grommets. You should feel the engagement on both studs. Now push on the center upper area to engage the fuel rail. Again, you should feel the engagement.

*Right side-remove the oil dipstick and oil cap.* Work from over the right fender to install. Look through the oil filler cap hole of the engine cover to line up the lower mounts, but don't engage the lower mounts yet. With the cover resting on top of the studs, check to see if the upper brackets are resting directly on top of the fuel rail. **Be sure the two large heater hoses are clear of the upper mounts.** You may need to move them slightly to allow the mounting brackets to rest on the fuel rail. Engage the lower mounts, then the upper as you did on the left side. Re-install the oil fill cap and the oil dipstick.

**Engine cover removal**-remove oil fill dipstick on right side or pull it upward at least 3". Gently pull upwards to disengage the mounts. Once mounts are disengaged, raise the cover slowly. If you feel any resistance, look under the cover to see if one of the upper mounts is catching the wiring harness or a coolant line. **Do not pull up with force as damage may occur!** Instead, use one hand to reach under the cover to free the obstruction.

**Optional**-For a cleaner look, you can install the #7 supplied split loom onto the taped harness routing horizontally near the front of the plenum cover. Install with the split portion of the loom facing the rear. See ill. 6.



ill. 6