



## **CAMARO ENGINE COVERS INSTALLATION GUIDE**

### **Tools needed**

- 10 MM deep socket
- Pick tool or small screwdriver
- Scissors

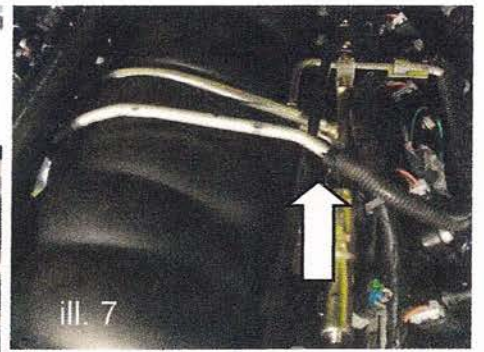
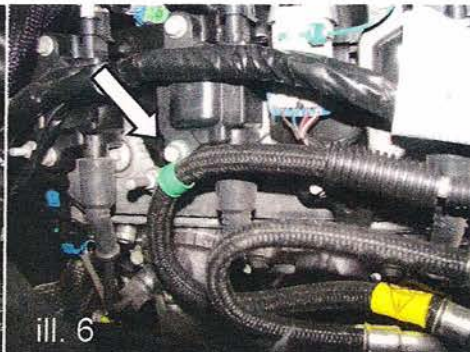
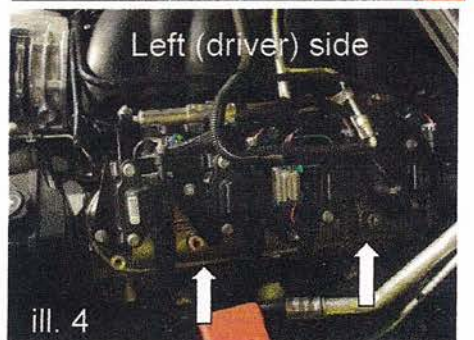
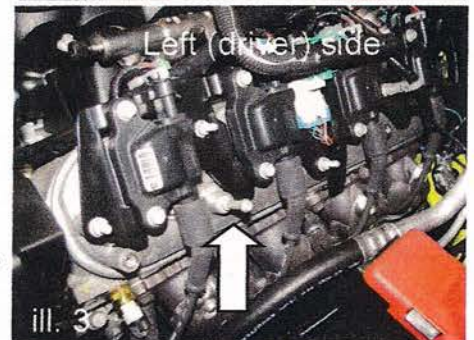
# Camaro Engine Covers Parts List

Description	Qty.
1) Left Engine Cover	1
2) Right Engine Cover	1
3) Engine Cover mounting studs	4
4) 3/8 in. loom holder	1
5) 3/8 in. ID silicone hose (9 1/2" long)	1
6) Small cable ties	4
7) Lower grommets	4
8) Upper grommets (horseshoe)	2

*Your components may vary in appearance and/or color depending upon the options you have chosen*

## Initial set-up for installation

- 1) Remove the oil fill cap.
- 2) Remove the engine cover by lifting on the front, then pulling the cover towards you.
- 3) Using a 10 mm socket, remove the nut retaining the engine cover bracket. (see illustration 1) Next, lift the bracket and pull it free from the fuel rail to remove.
- 4) Using a pick tool or small screwdriver, remove the two black "horseshoe" grommets from the engine cover bracket. (see illustration 2)
- 5) Remove the engine cover stud from the left valve cover. ( see illustration 3)
- 6) Locate the four #3 engine cover mounting studs. Install two studs on the left valve cover. (see illustration 4) Install the other two studs on the right valve cover. (see illustration 5. **DO NOT OVERTIGHTEN STUDS.**)
- 7) Remove the coil bolt shown in illustration 6. This is the second coil in from the rear on the right side. Locate the #4 loom holder, place the loom holder around the fuel line as shown. Reinstall the coil bolt using it to secure the loom holder. Be careful not to bend or twist the fuel line when tightening.
- 8) Mark the black plastic split loom on the fuel line just beyond the small bracket on the left fuel rail. (see illustration 7) Remove the split loom, cut to length and reinstall. The loom should remain long enough to engage the small bracket retaining the fuel line.



9) Locate #5 silicone hose. You will notice it is sliced the entire length. Spread it open on one end and install on the fuel line as shown in illustration 8.

10) Near the rear of the left fuel rail, push the wire loom down and way from the fuel rail. If necessary, use one of the #6 cable ties. (see illustration 9)

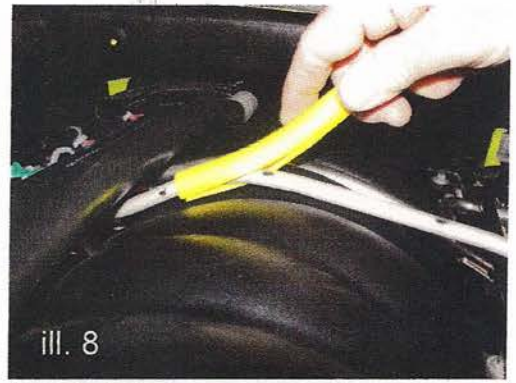
11) Near the rear of the right fuel rail, push the wire loom straight away from the fuel rail. If necessary, use one of the #6 cable ties. (see illustration 10)

**Engine cover installation- *always install the covers from the front of the car & looking under the cover while positioning***

1) Locate the two "horseshoe" grommets previously removed from the stock engine cover bracket. Install on the new engine cover brackets.

2) Install the left side cover from the front of the car. While doing so, look under the cover to make sure the top engine cover bracket goes **over** the 3/8" hard plastic line in the rear area as shown in illustration 11. While still looking under the cover, rest the lower grommets on the studs, then make sure the "horseshoe" grommets are resting directly on top of the fuel rail. Pushing on the center and lower third of the cover, seat the lower grommets. You should feel them engage, but don't push so hard as to push the stud through the grommet. Finally, push on the center and upper third to seat the top grommets.

3) To install the right side cover, remove the oil dipstick. From the front of the car, slide the cover into position making sure the front bracket goes **over** the 3/8" black plastic line as shown in illustration 12. Next, make sure the fuel line is on the **outside** of the cover as shown in illustration 13. Rest the lower grommets on the studs. Look to make sure the "horseshoe" grommets are resting directly on the fuel rail. Push on the center and lower third of the cover to seat the lower grommets. Now push on the upper third and center to seat the upper grommets. Re-install the oil dipstick. Congratulations! you have completed the installation.



ill. 8



ill. 9



ill. 10



ill. 11



ill. 13



ill. 12