





REQUIRED TOOLS:

-Ratchet with Large Head Extender and Small Head Connector -Pliers and Philips head Screw Driver

-10mm, 12mm & 14mm Sockets and Socket Wrenches





REQUIRED PARTS:

- -1 GrimmSpeed Phenolic Spacer
- -2 OEM Surge Tank Gaskets (Part No. 292153C701)





STEP 1: DISCONNECT BATTERY

-Disconnect the cable running to the negative terminal of the battery.





STEP 2A: REMOVE AIR DUCT

-Unscrew the 4 plastic screws atop the air duct.
-Pull air duct out of engine bay.









STEP 2B: REMOVE AFS CONNECTOR

-Slide out the light gray tab on the connector. -Push down the black tab in the center and pull out the connector. -Squeeze and pull out the clip connected to the corrugated tubing.









STEP 2C: REMOVE AIR CLEANER ASSEMBLY

-Unscrew clamp.

-Use pliers to squeeze and slide back the hose clip.
-Pull off hose.

-Remove air cleaner assembly from engine bay.









STEP 3: DETACH PCSV ASSEMBLY

-Unbolt PCSV Assembly from intake manifold -Squeeze and slide back clip to remove hose.









STEP 4: DISCONNECT BRAKE VACUUM HOSE
-Squeeze and slide back clip to remove hose.





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STEP 10: REPLACE SURGE TANK GASKET WITH A NEW ONE

-Remove the old surge tank gasket and install a new one, making sure to maintain the proper orientation of the gasket.





STEP 11: INSTALL GRIMMSPEED PHENOLIC SPACER

-Do it!





STEP 12: INSTALL SECOND OEM SURGE TANK GASKET

-Place the new surge tank gasket on top of the GrimmSpeed Phenolic spacer.





STEP 13: REINSTALL SURGE TANK AND ALL OTHER COMPONENTS Surge 1an Hightening Torque: 18.6 \sim 23.8m ft.9 \sim 2.4kg/m, 13.7 \sim 17.4b-ft) An Cleaner Assumb Tightening Torque: Bott 7.8 \sim 9.8km (0.8 \sim 1.0kg/m, 5.8 \sim 7.2b-ft) Clamp: 2.9 \sim 4.9km (0.3 \sim 5.8kg/m, 2.2 \sim 3.6bc ft)



