



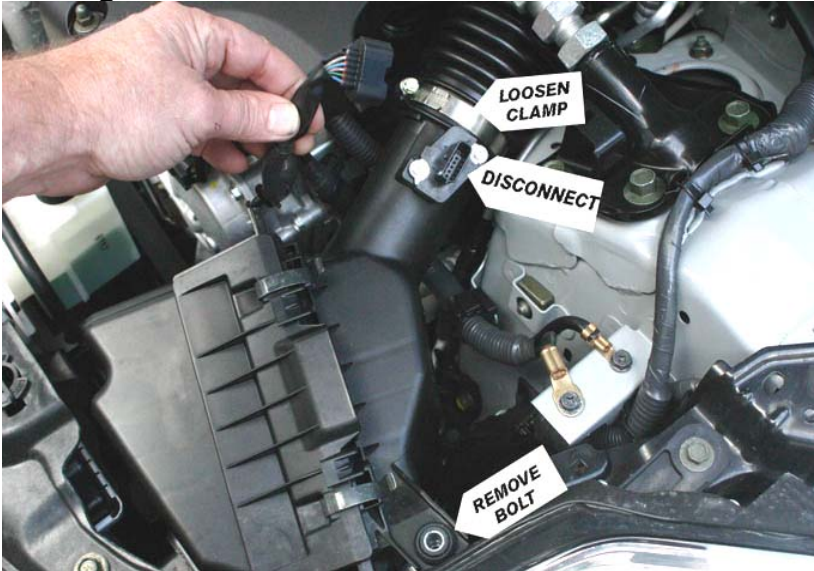
# G37 & '07+ G35 SEDAN

## DUAL POP-CHARGER AIR INTAKE SYSTEM

INSTALLATION INSTRUCTIONS 5/30/08



1. Remove the original air filter boxes by loosening the hose clamp, unplugging the electrical plug, and removing the air box retaining bolt. There is only one bolt securing each air filter box and they will release from the car by firmly pulling up on them after the single bolt is removed.



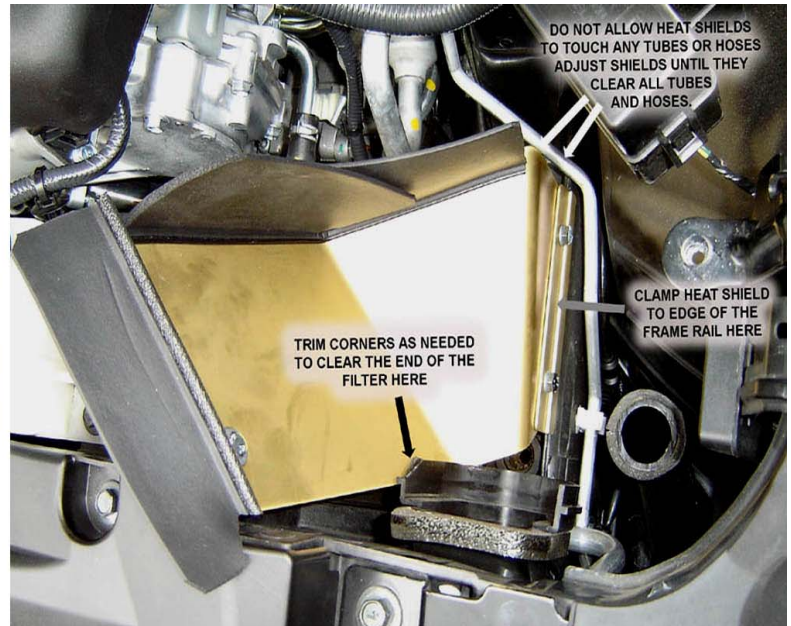
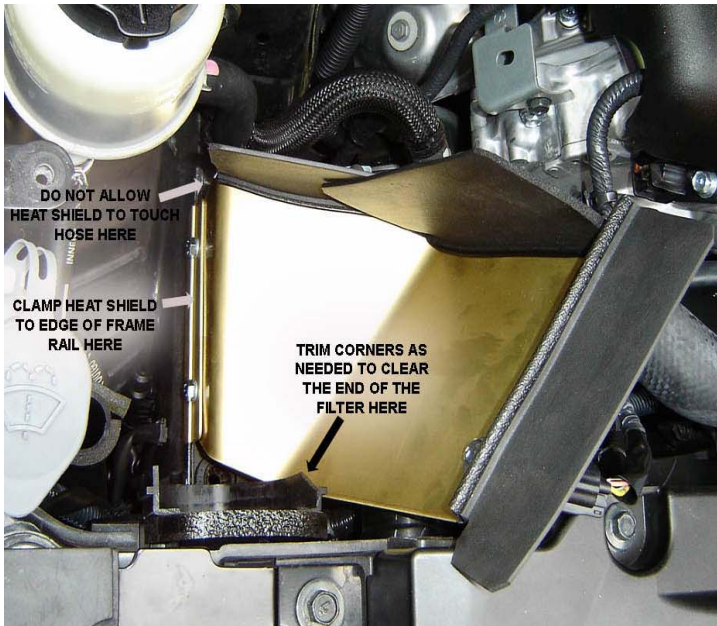
2. Transfer the MAF sensor from the original boxes to the new Pop-Charger air tubes; the bolt patterns are offset so you cannot put the sensors in wrong. This is a good time to remove the filter elements from each assembly and make sure there is no packing material or other foreign material inside the assembly before installation.

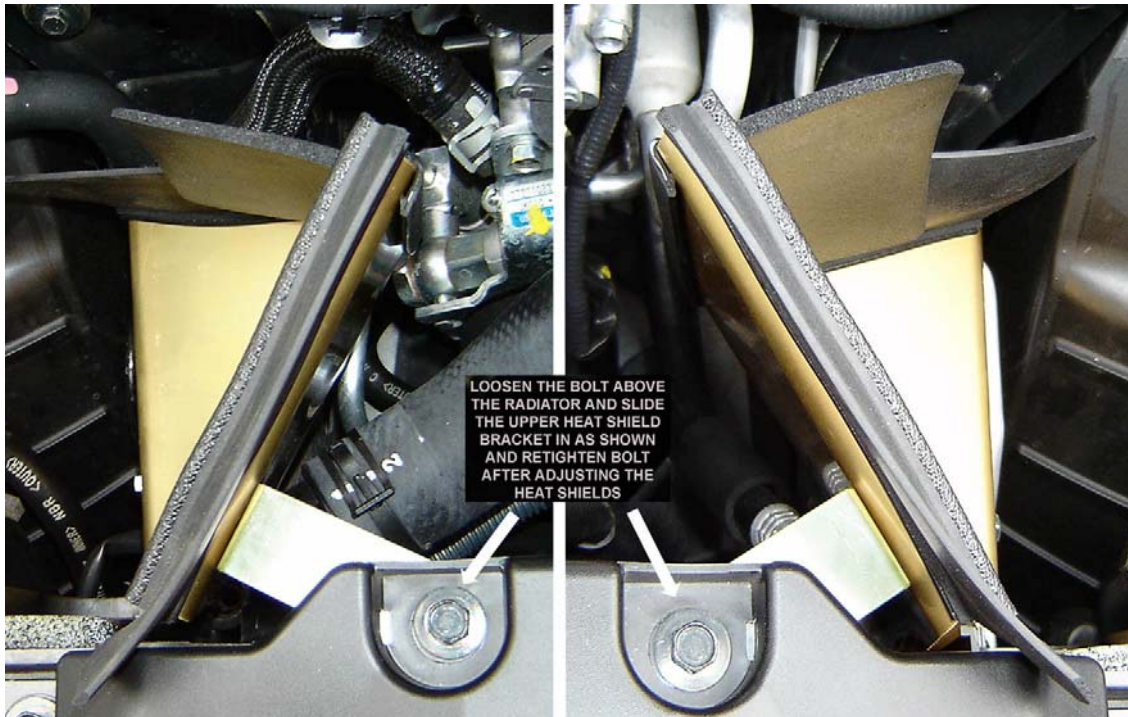


3. Wear protective gloves and safety glasses during this install. On the new metal heat shields, install the rubber edge trim (the trim is left and right specific) as shown. The upper edge trim piece should have the excess length extended off the forward edge of each shield as shown. Install the lower body clamps and the upper brackets as shown below, but leave the bolts loose for now.

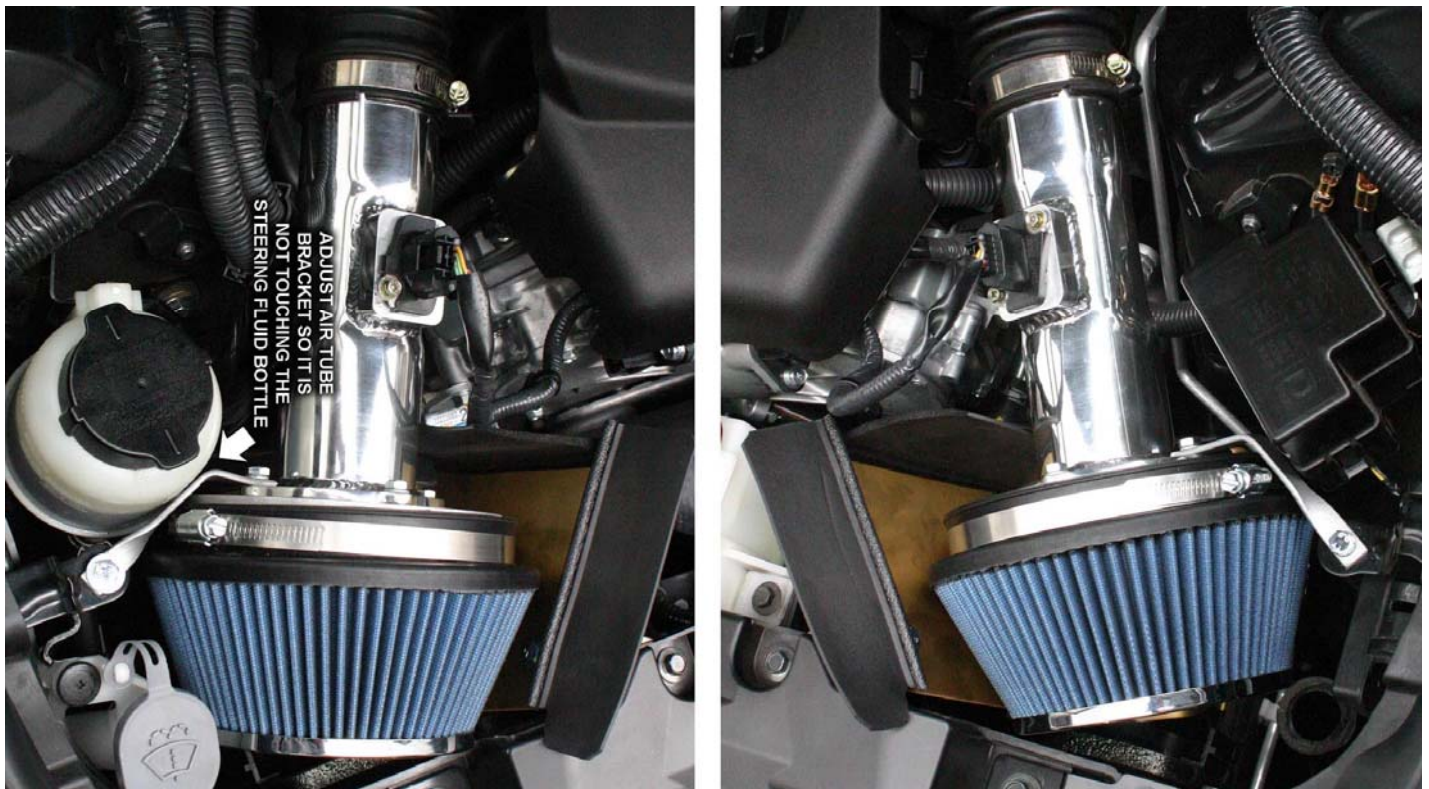


4. Using a 10mm wrench, install the heat shields by clamping them to the body frame rail using the supplied lower clamps as shown. It is extremely important the metal heat shields are positioned for and aft so they are not touching any existing hoses or hardware that may be damaged by the shields cutting into them. Trim the corners of the existing plastic air inlets as shown to clear the new filters.





5. Loosen the bolts above the radiator and slide the upper heat shield brackets in place as shown above. You will need to readjust these during final adjusting after filters have been installed later.



6. Determine which Pop-Charger air tube and filter assembly will go on the left side and right side. They are both identical except that one of the four-filter assembly bolts, closest to the fender has been left out for the mounting bracket. Install the filter / air tube

assemblies loosely in place and reconnect the electrical plugs. Determine the left from the right (shortest) mounting bracket (see below) and install them to the filters using the supplied bolts (this bolt is slightly longer than the 3 bolts already in the filter assembly) and reuse the bolt you removed earlier from the original air box in the original holes at the body. Adjust the assembly so it sits in place without touching other parts as shown and tighten the hose clamps and the bracket bolts. The whole assembly can be final adjusted by moving it slightly, which should deflect the bracket a little as needed. If you need to move the assembly up or down, loosen the hose clamp and the bracket bolt at the assembly and rotate it slightly, retightening the bolts and hose clamp in the new position.

7. Inspect your installation and make sure all bolts and clamps are tightened and that the connectors are plugged in. Insure that no new parts are in danger of rubbing against existing parts. This completes the installation, if you have any questions or need help with the installation, please call JWT at 619 442-0680 or Email [contact@jimwolftechnology.com](mailto:contact@jimwolftechnology.com).

