

2007+ 350Z



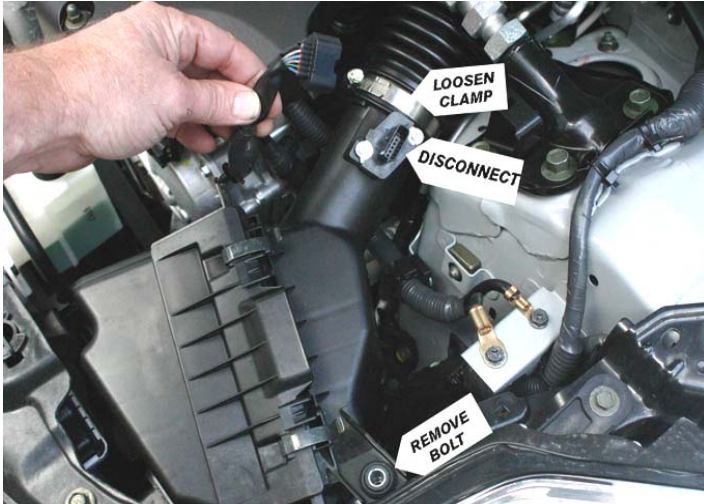
# DUAL POP-CHARGER AIR INTAKE SYSTEM INSTALLATION INSTRUCTIONS



DUAL POP-CHARGER  
INTAKE SYSTEM  
FOR 2007+ 350Z



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.

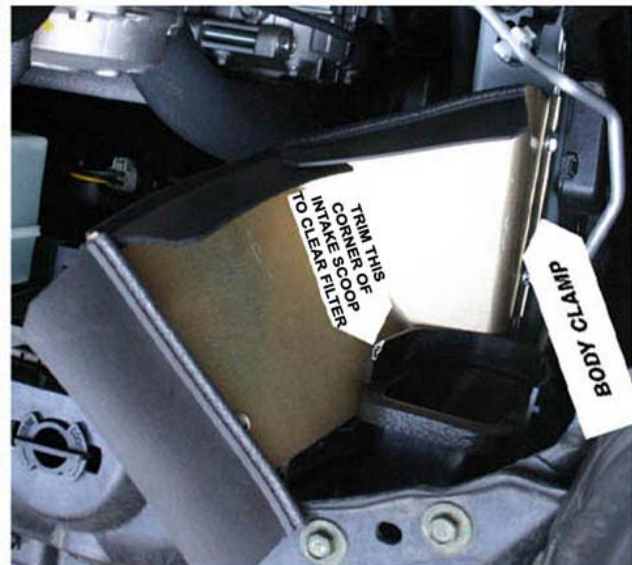


2. Transfer the MAF sensor from the original boxes to the new Pop-Charger air tubes; the bolt patterns are offset so you cannot put the sensors in wrong. This is a good time to remove the filter elements from each assembly and make sure there is no packing material or other foreign material inside the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

4. Using a 10mm wrench, install the heat shields by clamping them using the supplied lower



clamps and bolts to the edge of the car body frame rail 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.



5. 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 will be left out for now. The bolt closest the fender on each filter assembly will be left out for the mounting bracket. Install the filter/tube assemblies loosely in place and reconnect the electrical plugs. Determine the left from the right mounting bracket (see last page) and install them using the supplied bolt (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 hole at the body. Adjust the assembly so it sits in place without touching other parts as shown, 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 bolt and hose clamp in the new position.
6. Install the upper heat shield brackets. This requires that a 5.5mm (or 7/32") drill be used to drill a small hole in the plastic body core support on each side as shown. Be very careful



not to let the drill accidentally hit the radiator below it! Also insure that the bolts do not rub the radiator after installation. Attach the slotted end of the bracket and the supplied 5mm bolt and washer in the new hole and loosely fasten them with the supplied 5mm nut and lock washer. Attach the bracket to the heat shield using the supplied 6mm bolt and washers. Adjust the brackets so the shields are not touching the radiator or any other parts that might rub up against them, and tighten the bracket bolts.

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).

