

## 993/964 Intercooler Installation Guide

Please read through completely before the installation.

If you are installing a TPC Supercharger kit and TPC Intercooler at the same time, pick up from Step 13 of the supercharger installation.

1. In the engine compartment, install the inductive extension pipes, relocate MAF sensor and air filter as shown in figures 1, 2 and 3.

2. Remove the front bumper cover and mount the front radiator as shown in figures 4, 5 and 6 using two 6mm bolts and locking nuts. Do not reinstall the bumper until the system is completely installed and checked for leaks. Notice manual transmission cars are mounted different than Tiptronic cars. Refer to figure 7 for Tiptronic installation.

The pictures for this step illustrate our recommendation for stock body work. If you have RSR, GT2 or other type of aftermarket body work, the installer will have to use his discretion for the radiator mounting location. In which case, air flow through the radiator is the primary determining factor.

3. Take the supplied 50' hose and cut the length to half so that you have two 25' hoses. Carefully route the hoses through the front tub as shown in figure 8. Make sure the hoses do not have tight turning radius and are not kinked!

4. Fit the two hose ends on the radiator but do not install the hoses onto the swivel fittings yet. As later, you will test the hose for blockage by blowing air through them.

5. Route the two hoses parallel through the car's shifter linkage tunnel as shown in figure 9.

6. Bring the two hose ends up through the left side of the engine compartment and route one hose across the fire wall and out towards the right rear of the car. Leave the excess lengths over hanging until time to cut.

7. At this time, the two hoses are routed from front to back. You should check the flow by blowing air through each hose. Once you establish there is no blockage, install the hoses onto the swivel fittings and then onto the radiator.

8. Back to the engine compartment, mount the electric pump to the bottom of the intercooler using a nylon tie as shown in figure 10.

11. Wire the electric pump using a 12-volt switch power source to the Green Wire of the pump and ground the Brown Wire of the pump to the chassis. Do NOT use the ignition coils as power source!

12. Connect the over hanging hose on the left side of the engine compartment to the side port of the electric pump.

13. Remove the right rear bolt from the AC compressor and mount the footing of the intercooler on the AC compressor using the same bolt(without the factory washer).

13. Cut the right side hose to length and install onto the right side brass fitting of the intercooler.

14. Make sure all fitting and hose clamps are tight, hoses are not kinked and will not chafe. Fill the system with 50/50 mixture of anti-freeze and water. It is very important to bleed the air out of the system. Refer to figure 11 to see how the installed system should look.

15. Refer back to the supercharger installation manual to complete the project and for testing procedure.

Please call TPC Racing (410-799-7223) if you have any questions. DO NO GUESS!