

SPEARCO 84-87 300ZX INTERCOOLER PIPE LAYOUT

(NUMBERS ARE AT TUBE INLETS)

FT
(FILTER TUBE)



AE (ALUMINUM ELBOW)



Routing of the Intercooler Pipe

It is necessary to follow the exact sequence of the installation of the tubing, otherwise it may increase the difficulty and installation time.

Proceed as follows:

- To provide clearance for installing the pipes, it is necessary to remove the top heat shield and the bottom heat shield which are situated to the outside of and behind the turbocharger.
- A.** Slide number **#6 tube** in from the bottom, hooking it up over the top of the radiator. The straight end goes toward the intercooler, the curved end goes topside.
 - B.** Connect **#6 tube** to **#5 tube** with hose and clamps and mount to the bottom of the intercooler with reducing hose and clamps.
 - C.** Assemble **#4 tube** to **AE** (aluminum elbow) and slide them up from the bottom and hook over the top of the radiator. Connect **AE** to the intercooler with reducing hose and clamps. Orient the hose clamps so that they are pointing forward so that they can be tightened with a small ratchet. (Do not fully tighten at this time).
 - D.** Install **#7 tube** by slipping it down beside the radiator shroud, and pushing it toward the rear beneath the air flow meter and connect it to the **#6 tube** with the hose and clamps provided.
 - E.** Install **#8 tube** by sliding it down into the engine compartment between the shock tower and the engine and behind the air conditioning compressor. Connect it to **#7 tube** with the hose and clamps provided.
 - F.** Install **#1 tube** into position and connect it to the turbocharger outlet using the clamps and reducer hose provided.
 - G.** Connect **#2 tube** to **#1 tube**.
 - H.** Install the **#3 tube** over the radiator shroud and connect it between the **#2 and #4 tubes**. Position clamps with screws on top so they can be easily tightened.
 - I.** Now connect **#8 tube** to **#7 tube** and install the remaining **#9 tube** between the **#8 tube** and the **throttle body**.
 - J.** Connect the existing PCV and Idle by-pass hoses.
 - K.** Adjust the tubes for proper clearance; make certain there is sufficient clearance between the air conditioning pulley and the **#2 tube**. Tighten all clamps and inspect your work.