



INSTALLATION INSTRUCTIONS
Stillen Intercooler Ducting Upgrade
90-96 300ZX TT
P/N 105020

Materials supplied:

1. Intercooler ducts, left and right
2. 4@ Bolts (M8x1.25x12mm Flange head bolt)

Equipment needed:

1. Assorted sockets and wrenches
2. +,- Screwdriver
3. Assorted pliers
4. 3/8" diameter drill bit and drill
5. Factory service manual

Installation:

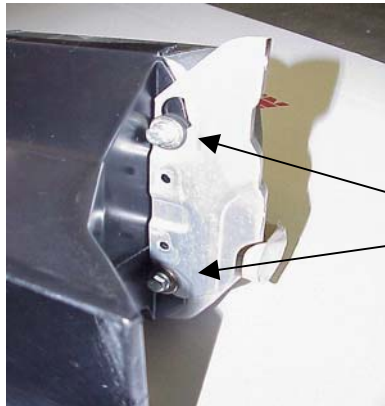
- 1) Preparation
 - a) Cover fenders and other painted surfaces.
 - b) Mark all removed parts for proper re-installation in their original locations.
 - c) Plug all ports or passages to prevent contamination.
 - d) All references to vehicle are from the driver's seat
 - i) Left = driver's left
 - ii) Right = driver's right
- 2) Remove front bumper cover
 - a) Disconnect negative battery terminal
 - b) Raise front of vehicle and put on jack stands. If possible, lifting vehicle on a lift is preferable.
 - c) Following instructions from the factory service manual, remove the:
 - i) Front cover panel.
 - ii) Engine under cover and retainer.
 - iii) Front bumper cover.
- 3) Modify aluminum intercooler support bracket
 - a) Cut 1/8" from edge of aluminum bracket.
See photo. Cut edge should be even to edge of gold cad washers.



WARNING:
IF YOU ARE NOT EXPERIENCED IN THE
AREA OF AUTOMOTIVE MECHANICS WE
STRONGLY URGE THAT YOU REFER THIS
INSTALLATION TO YOUR MECHANIC.



Cut 1/8" from edge



Turn signal lamp cutout

Drill holes here



- 4) Locate and drill mounting holes in urethane ducts.
 - a) Locate taped holes in Stillen Intercooler and transfer to I/C duct. Drill 4 X 3/8" diameter holes in each duct.
 - b) Peel off foam from outside edge of stock inter-cooler duct and apply to outside edge of new duct.
- 5) Install Stillen Intercooler and duct assembly onto vehicle.
- 6) Mock up front bumper
 - a) Install turn signal and turn the lamp socket so it sits inside the small hole provided in duct. It may be necessary to trim duct in some vehicles.
- 7) Install the front bumper cover in the reverse order of disassembly.
 - a) Use the appropriate fasteners for the given application.
 - i) Take care not to install a sheet metal screw into a threaded hole intended for a fine thread screw and vice versa.
 - ii) Start vehicle and check for leaks.
 - (1) You can use a mild soap solution sprayed onto all fitting and hose connections to check for leaks.



FOAM

The diagram shows how the front bumper cover is attached to the vehicle. The factory service manual also indicates the appropriate tightening torque for all body fasteners.

