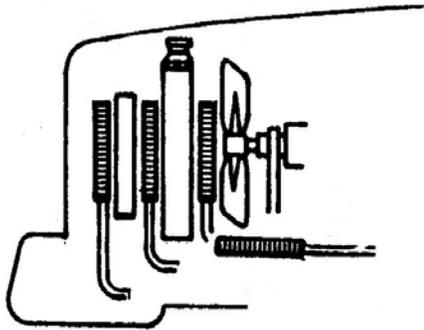




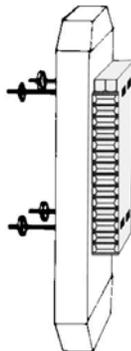
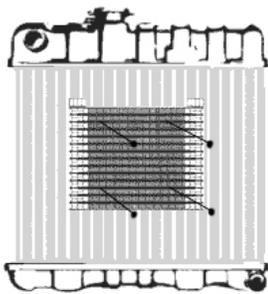
## 13602-13603 FIN AND PLATE TRANSMISSION OIL COOLER INSTALLATION INSTRUCTIONS



### COOLER MOUNTING

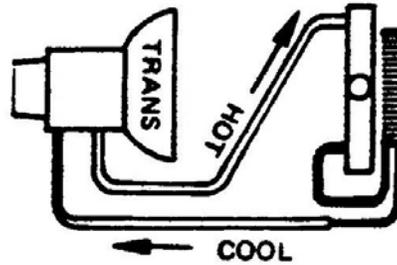
The fin and plate transmission cooler is designed to mount with nylon rods flush against the radiator or AC condenser core. Cooler orientation is not critical, it can be mounted ports up, down, left or right. Cooler core will flow in either direction, there is no specified inlet or outlet port.

Note possible mounting positions in drawing.



When a suitable mounting location has been chosen.

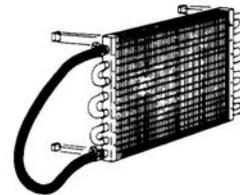
1. Peel adhesive backing off the foam sponge rubber pads. Apply one pad to the back of each corner of the cooler. The foam pad insulates the cooler from the radiator/AC condenser.
2. Insert nylon rods into each corner of the cooler. Push each rod through the cooler and radiator/AC condenser so flat surface of the rod is against the cooler.
3. Place the self-locking button on the mounting rod and push the button up against the back of radiator/AC condenser until the foam pads are slightly compressed. Cut off excess mounting rod.



### HOSE CONNECTION

1. Find transmission oil lines. The two lines run from the transmission to the radiator, usually to the bottom radiator tank or on a cross-flow radiator the passenger side tank.
2. We recommend using the new cooler in series with the factory radiator cooler. To do this you need to determine the return line to the transmission. Warm up vehicle and feel trans lines, the colder of the two lines will be the return.
3. Remove the return line from radiator. Thread the included Insta-dapt adapter in radiator. Connect first hose from cooler to Insta-dapt adapter. Connect second hose to return transmission line.

**Note: Some 1996 and later vehicles with 3/8" lines cannot use the Insta-dapt adapter. You can cut and flare the transmission line or purchase the correct radiator adapter fittings for your vehicle from a Deale dealer. See the back of the box or [www.derale.com](http://www.derale.com) for the correct kit for your vehicle.**



### Swedged Hoses

1. This cooler kit comes with -6AN Swedged hose ends. Thread hose ends to both ports on cooler core forming a loop. Always use two wrenches to tighten, one on the cooler core inlet and one on hose end. Failure to do so could lead to damage to cooler core.
  2. Measure hose length for connection to radiator adapter and transmission line. Cut hose to proper length.
- Note: Ensure that all hose bends have a radius of more than 5 inches or the size of a small coffee can. To tight radius hose bends can damage the hose and cause leaks.**

**Derales Cooling Products**  
**800-421-6288**  
**[www.derale.com](http://www.derale.com)**