

TECH TIP

TRANSMISSION COOLERS

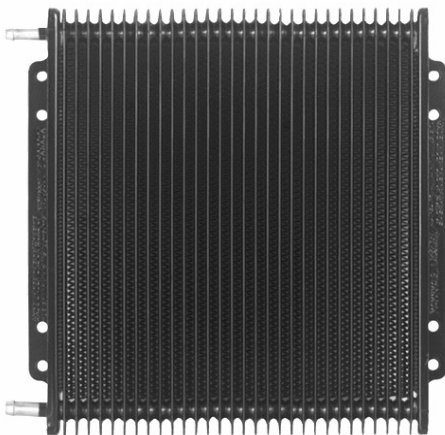
The primary focus for an add-on transmission cooler is to assure that the transmission will not overheat when used under loaded conditions.

The applications that we carry for transmission coolers are intended to be used in conjunction with the OE cooler for added cooling. As a general rule, the transmission cooler is placed in series with the OE cooler. The transmission fluid flows from the OE cooler into the add-on cooler for best results. The add-on cooler is normally placed in front of the radiator. It should be placed where the most air will flow across it. On front wheel drive cars, be sure to place the transmission cooler in front of the fan for maximum air flow.

If for some reason, you are not going to use the OE cooler, you should choose the transmission cooler that will be the most efficient and the largest that will fit the available space. You may want to consult a transmission repair shop before eliminating the OE cooler. If the vehicle is still under warranty, be sure that eliminating the OE cooler will not affect the warranty.

Questions have been raised about “over-cooling” the transmission fluid. Normally this is not a concern. The only cases we can find of overcooling involved snow plows. The snow and ice accumulated on the cooler. Even this should not be a problem now. Modern transmissions have a built in by pass that will cut off the flow to the cooler under ultra cold conditions.

Rapid-Cool



Ultra-Cool

