

# FORD SUPERDUTY 1999-2003 TRUCOOL MAX 4739 INSTALLATION INSTRUCTIONS

## PARTS YOU WILL NEED IN ADDITION TO PARTS SUPPLIED FROM WITH COOLER FROM MANUFACTURER:

(3) THREE FEET OF 3/8" TRANSMISSION COOLER HOSE (this is larger in diameter than what is supplied but will work just fine and will be readily available at any auto parts store.)

(2) hose clamps to fit your 3/8" cooler line

(2) 1 1/2" long 1/4" bolts with nuts and washers

1. Remove the front grill by removing the screws on top of the grill and releasing the snaps under the grill.

2. Locate where you would like the cooler to be mounted on the upright supports. If you position the cooler with the lines(hoses) exiting the bottom, the top brackets will line up with the supports. Mark and drill 1/4" holes to bolt it in place.

Note: If you locate the cooler so that the bottom is just at the top of the bumper, it will receive maximum air flow, but the hoses will not be visible through the grill.

3. With the cooler out of the truck, it is easier to attach the hoses. Install the supplied length of hose to the driver's side of the cooler and clamp it using supplied clamps. Install the 3/8" hose you purchased to the passenger side and clamp it using the clamps your clamps.

4. Mount the cooler using the bolts you purchased and route the hoses around the passenger side of the radiator then downward to get them in position to connect to the transmission lines below.

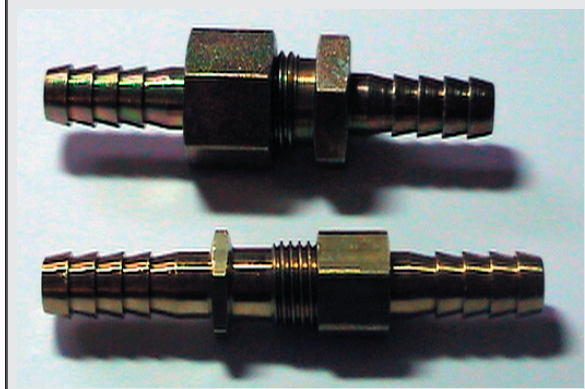
5. Locate return transmission line. This line is the one that goes to the rear of the transmission.

6. There is a section of the return transmission line near the radiator that is rubber. Cut this rubber section of the line and install the new cooler lines(hoses) in series using the barb fittings shown in the photo below. Direction of flow does not matter. To install, simply connect one of the lines from the cooler to one open end of your cut return line by inserting the joined barbed fitting into the hoses. Repeat with the remaining cooler line and return line using the remaining joined barbed fittings. No teflon tape is required.

7. Reinstall your grill and you are done!



**PHOTO:** These fittings come disassembled as four separate pieces in the TRUCOOL 4739 box. You will use these fittings to connect the hoses. Using the photo below match and then join the pieces to make a union that you will use when you connect the hoses during installation.



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