



Issue Resolution

DATE: 8/2/2007

Labor op: T6028 3.7 hrs

Resolves Issue: Transmission overheating on grades.

SUBMITTED BY: __ RSM Region 8



This is the cooler that was used. 151290 is a 9 row. Suggest using 151260, a 6 row. (less pressure drop)





Remove the line labeled "to cooler" from the transmission



Cut the end off of line closest to the flex hose going to the radiator connection.
(lower connection)

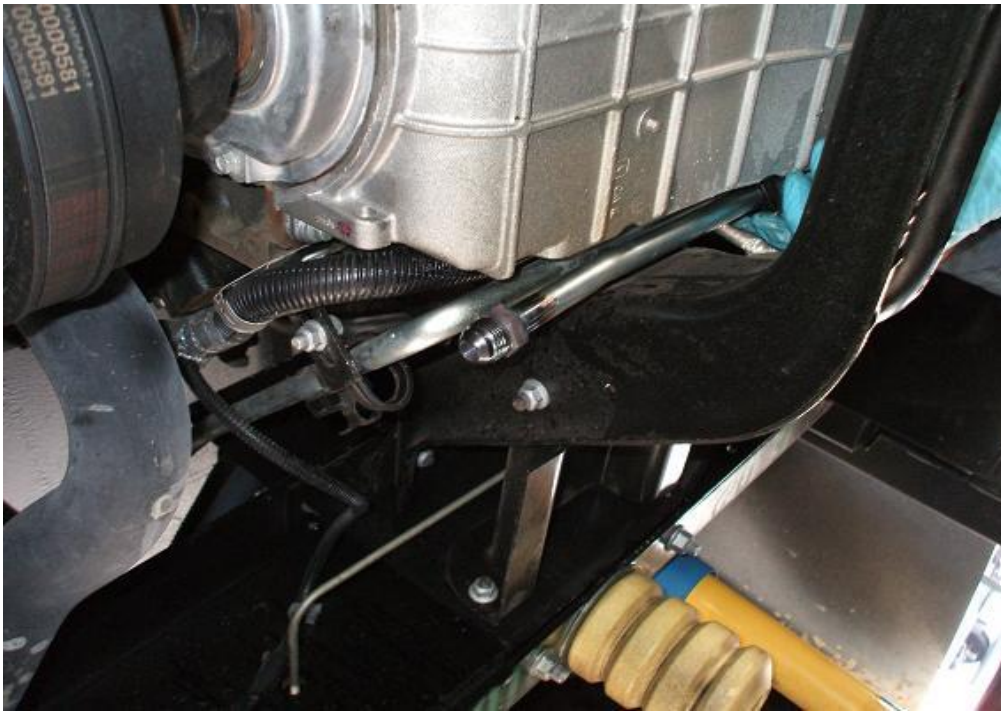




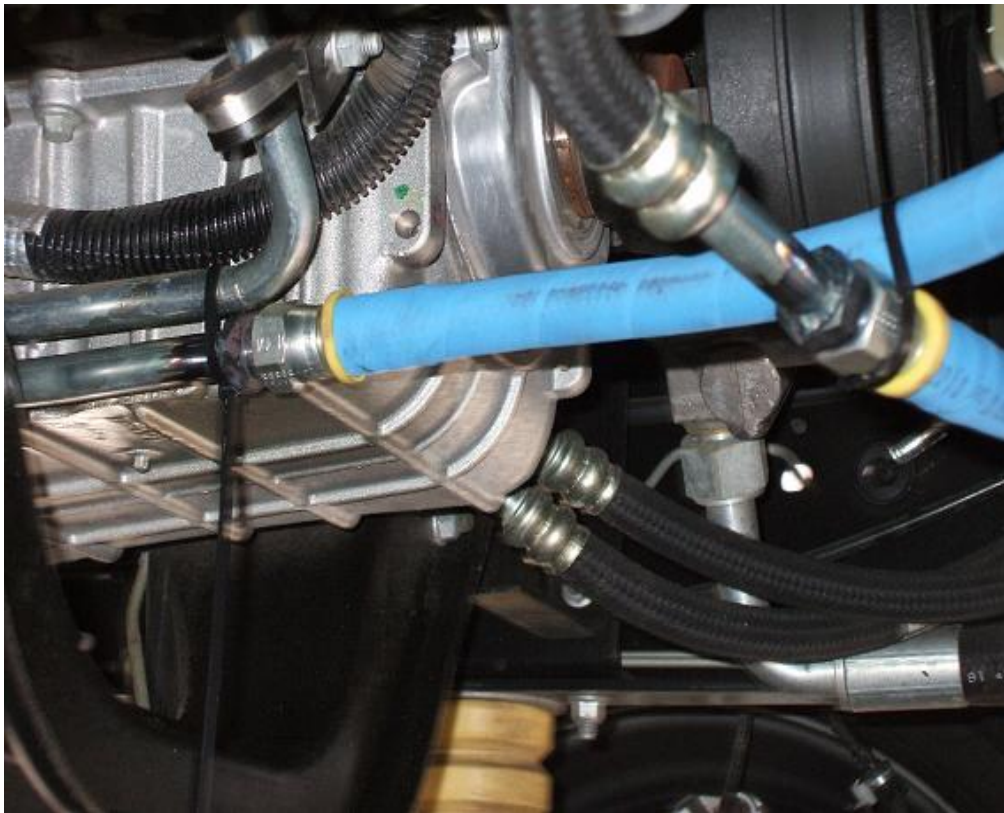
A local hose shop can either weld on two #10 JIC male steel fittings or use compression fittings to convert it to #10 Male JIC also make up two 5/8 250 psi hoses 35 1/2" long with 90 degree #10 female fitting on one end and straight female #10 fittings on the other end. (cut out section of original steel line visible in photo)



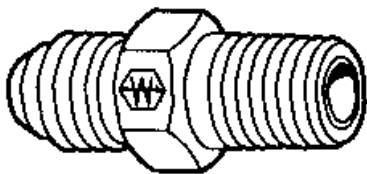
Mount cooler on front frame support ensuring proper air flow still available to radiator and condenser.



Reinstall steel cooler line to transmission.



Re-install flex-line to lower connection of factory trans cooler and connect new hoses to lines.



Make sure to obtain two Weatherhead-Eaton hydraulic adapters part# C5205X10X12 to connect the lines to the Cooler assembly.



Ensure hoses are secure and insulated to prevent chaffing. Bring transmission to operating temperature and top off fluid.