

**5/16" Transmission Line T-Fitting Adapter**

1. Disconnect the negative battery cable from the battery.
2. Locate the hot feed line that feeds the transmission cooler.
3. Measure and mark the location where you would like to install the T-fitting. Cut 1 1/4" out of the cooler feed line with a pipe cutter (make sure to always use a new blade). Note: You can also remove the cooler feed line entirely from the vehicle and cut it on a work bench. If the cooler feed line is removed from the vehicle, several quarts could drain from the system when the line is removed and must be refilled with fresh transmission fluid once the T-fitting has been installed. Use a drain pan to catch the fluid.
4. Deburr both ends of the cut line with a deburring tool to ensure proper fitment of the T-fitting onto the cooler feed line.
5. Install the cooler line T-fitting's female fittings over each end of the cut line. Then place the metal cutting rings over each end of the cooler line. Refer to the schematic above for proper placement of the cutting rings.
6. Hold the body of the T-fitting with a 19mm wrench and hand tighten each nut. Then tighten 1 1/4 more turns with a 14mm wrench to ensure proper sealing of the cutting rings.
7. Now you can install the 1/8-27 NPT temperature sensor into the port on the T-fitting housing. Note: Be sure to wrap Teflon tape on the threads of the temperature sensor to prevent any leaks.
8. If the line was removed, reinstall the line onto the vehicle and refill the transmission to the proper level of proper grade transmission fluid. Note: Check the dipstick to ensure the proper amount of fluid in the transmission.
9. Reconnect the battery cable to the negative post of the battery and check for any leaks.

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