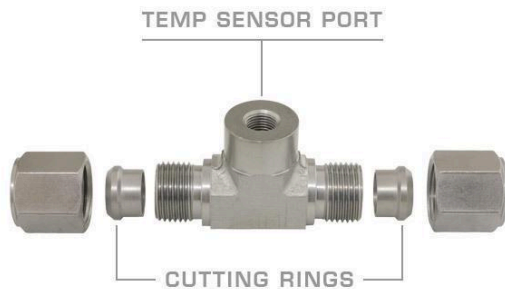


2003 – 2018 Dodge Ram Cummins 68RE & 68RFE Transmission Cooler Line T-Fitting



1. Locate the cooler feed line on the passenger side of the transmission housing.

- The upper line is the cooler feed line and the lower line is the return line from the cooler.

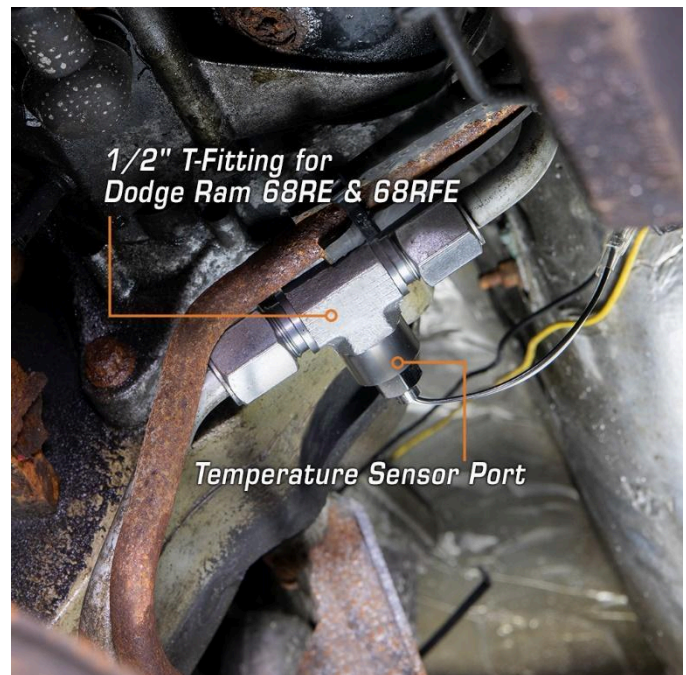
2. Cut 1 7/8" from the cooler feed line with a pipe cutter.

- It may be helpful to remove the bracket that holds the line in place to make it easier to use the cutter. You can also remove the cooler feed line entirely from the truck and cut it on a work bench. If the cooler feed line is removed from the truck, up to 4 quarts of transmission fluid will need to be drained from the system and must be refilled with fresh transmission fluid once the T-fitting has been installed.

3. Identify a sufficient location between the bends in the cooler feed line and measure 1 7/8" and make a mark.

Using a straight edge, draw a 5-7" line on the cooler feed line directly at the center of the 1 7/8" mark. This line will extend past the length of the cooler line T-fitting, which will help align both cut pieces of the cooler line.

4. Use the pipe cutter and cut the 1 7/8" section out of the line. Deburr both ends of the cut line with a deburring tool or an Emory cloth to ensure proper fitment of the T-fitting onto the cooler feed line.
5. Install the cooler line T-fitting female fittings over each end of the cut line. Then place the metal cutting rings over each end of the cooler line.
6. Hold the body of the T-fitting with a wrench and hand-tighten each nut. Then tighten 1 1/4 more turns with a 7/8" 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.
 - Be sure to use Teflon tape on the threads of the sensor to prevent any leaks.
8. If the line was removed, reinstall the line onto the truck and refill the transmission with up to 4 quarts of proper grade transmission fluid.
 - Check the dipstick to ensure the proper amount of fluid is in the transmission.
9. Reconnect the battery cables to the negative posts of each battery and check for any leaks.



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