

1994-2002 DODGE RAM 5.9L CUMMINS TRANSMISSION COOLER PARTS LIST & INSTALLATION GUIDE



PARTS INCLUDED

- 1PC Mishimoto Tube-and-Fin Transmission Cooler
- 2PC CNC-Machined Stainless Steel Hose Barb Fittings
- 1PC 29.5" Transmission Hose
- 6PC Worm Gear Clamps
Mounting Hardware

TOOLS NEEDED

- 7mm Socket
- 10mm Socket
- 18mm Socket
- 3/8" Drive Ratchet & Extension
- Scissor Style Hose Cutter

INSTALL TIME 2.5 Hours

INSTALL DIFFICULTY

DISCLAIMER

- Raise vehicle only on jack stands or on a vehicle lift.
- Allow vehicle to cool completely prior to attempting installation.
- Do not run the engine or drive the vehicle while overheating; serious damage can occur.
- Please dispose of any liquids properly.
- Mishimoto is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of Mishimoto products.
- Mishimoto suggests that a trained professional install all Mishimoto products.

INSTALL PROCEDURE

1. Disconnect the electrical harness behind the front bumper. Depress the black tab at the center and slide the connector apart. Pull the connector out from within the bumper.



2. Remove the bolts where the frame ends meet the bumper. (2x 18mm bolts)



3. Remove the bolts and brackets that secure the front bumper. (6x 18mm bolts)



4. Pull the front bumper off the truck.
5. Mark the transmission hoses as shown here and cut on your mark. Have a bucket ready for spillage.



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01

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6. Remove the nuts and bolt that secure the transmission cooler. Then remove the trans cooler. (2x 10mm nuts, 1x 10mm bolt)



7. Install the Mishimoto transmission cooler. (2x10mm nuts, 1x 10mm bolt)



8. Install the included adapters to the hose ends that were cut earlier in the install. (2x worm gear clamps)



9. Cut the long hose included in your kit into two pieces of equal length.
10. Next, install the provided hoses to the transmission cooler ports. (2x worm gear clamps)

11. Attach the open ends of the hoses going to your transmission cooler to the adapters on the trans lines. (2x worm gear clamps)



12. Lift the front bumper back onto the vehicle.
13. Secure the bumper to the crash bar. (6x 18mm bolts)
14. Secure the ends of the frame to the bumper. (2x 18mm bolts)
15. Reconnect the electrical harness.
16. Check the transmission fluid level in your vehicle. It will likely be low due to spillage from the cut lines. Add fluid as needed.

Congratulations! You have finished installing the Mishimoto 1994-2002 Dodge Ram 5.9L Cummins Transmission Cooler.