

'94-'02 DODGE 5.9L CUMMINS ALUMINUM RADIATOR

PARTS LIST AND INSTALLATION GUIDE



PARTS INCLUDED

- 1PC** | MISHIMOTO RADIATOR
- 1PC** | 1.3 BAR HIGH-PRESSURE RADIATOR CAP
- 1PC** | MAGNETIC DRAIN PLUG
- MOUNTING HARDWARE

TOOLS NEEDED

- 10MM SOCKET
- 1/4" DRIVE RATCHET
- NEEDLE-NOSE PLIERS
- HOSE PICK
- FLATHEAD SCREWDRIVER
- HOSE-CLAMP TOOL

INSTALL TIME 3 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.

CAUTION

Never work on the cooling system when it is hot. The coolant temperature in the radiator can be considerably higher than boiling, and the system may be under pressure. Opening a cooling system that is hot or under pressure can result in serious injury. Always wait until the system has cooled completely before servicing it in any way.

INSTALL PROCEDURE

- 01.** Record any radio presets and alarm codes. Loosen and disconnect the ground cable on both batteries.
- 02.** Remove the four 10mm nuts that secure the battery cable to the top of the radiator. Then lift the battery cable off the studs and move it out of the way. (4x 10mm nuts)



- 03.** Place a drain pan or bucket under the petcock on the radiator. Loosen the petcock to drain the coolant from the radiator. Remove the radiator pressure cap to accelerate the draining process.



- 04.** Compress the spring clamp that secures the upper radiator hose to the radiator and slide it down the hose, out of the way. Then remove the upper radiator hose from the radiator.



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05. Compress the spring clamp that secures the lower radiator hose to the radiator and slide it down the hose, out of the way. Then remove the lower radiator hose from the radiator.



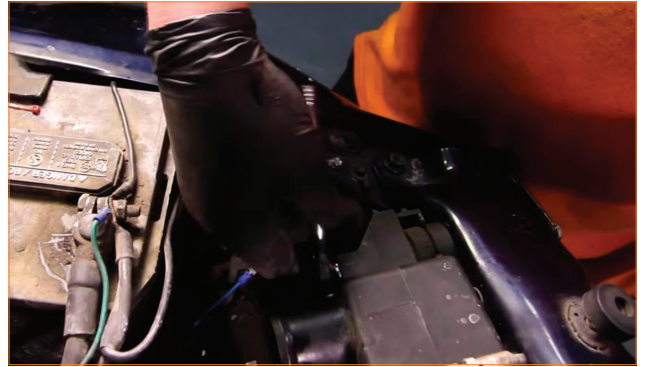
06. Remove the washer fluid reservoir from the vehicle. Push on the two tabs that lock it in place and lift the reservoir upward.
07. Remove the overflow hose from the nipple on the radiator filler neck.



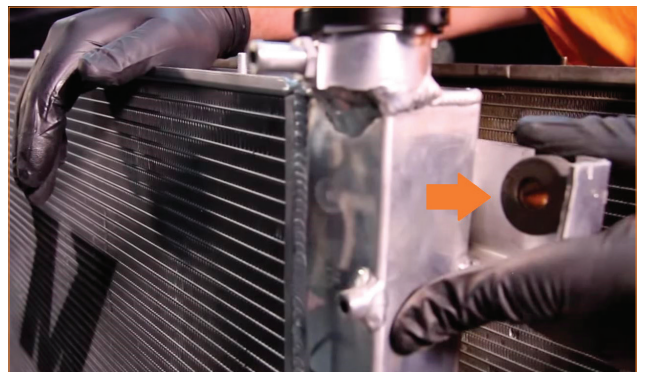
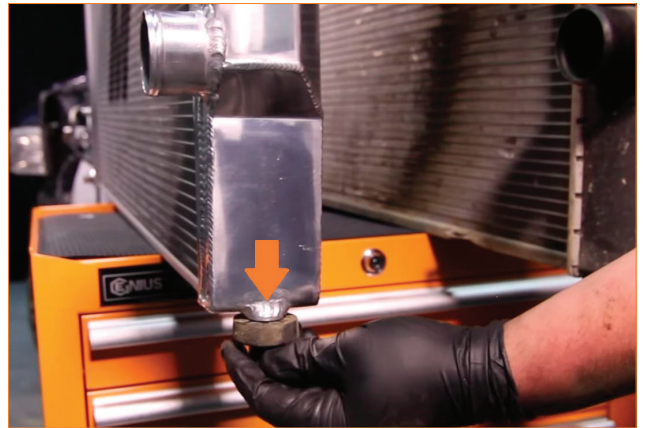
08. Remove the four bolts holding the fan shroud to the radiator. (4x 10mm bolts)
09. Lift the fan shroud upward slightly to release the two clips that hold it to the radiator core, and then remove the clips. (2x retaining clips)



10. Remove the two bolts that secure the radiator to the support beam. (2x 10mm bolts)



11. Push the fan shroud back towards the engine and lift the radiator upward to remove it from the vehicle.
12. Remove the upper and lower bushings from the stock radiator and transfer them to the Mishimoto radiator. (4x bushings)



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13. Lower the Mishimoto radiator into place and secure it to the support beam with the original hardware. (2x 10mm bolts)
14. Attach the fan shroud to the radiator with the original hardware. (4x 10mm bolts, 2x clips)
15. Install the coolant overflow hose to the nipple on the radiator filler neck.
16. Reinstall the washer fluid reservoir by sliding the tabs on the reservoir into the fan shroud.
17. Install the upper and lower radiator hoses to the radiator inlet and outlet. Secure the hoses by sliding the original spring clamps back into place.
18. Reinstall the battery cable over the studs on the radiator and secure it with the original hardware. (4x 10mm nuts)
19. Install the ground cables to the batteries and tighten the adjustment nuts on the cable ends.

20. Fill the cooling system with premixed, Dodge-approved coolant through the radiator filler neck, start the engine, and allow it to idle with the cap off. Turn the heater control valve on the vehicle's HVAC unit to full hot, and put the fan on low. Monitor the engine temperature and coolant level in the reservoir. Add coolant as needed to maintain proper level in the reservoir, and check your connections for leaks. If the vehicle begins to overheat or coolant starts to overflow from the reservoir, shut off the engine and allow it to cool before continuing. Once the vehicle is fully warmed up and the coolant level has stabilized, allow the vehicle to cool off completely, and then top off the coolant level. Coolant level should be checked once more after putting in some miles.

**Congrats! You just finished installing
the '94-'02 Dodge 5.9L Cummins
Aluminum Radiator**

