

2003-2009 DODGE 5.9L/6.7L CUMMINS INTERCOOLER

PARTS LIST AND INSTALLATION GUIDE

PARTS LIST

- 1PC | MISHIMOTO INTERCOOLER
- 2PC | 3.5" TO 3" SILICONE TRANSITION BOOTS WITH DURACORE™ TECHNOLOGY
- 2PC | 3.25" CONSTANT-TENSION T-BOLT CLAMPS
- 2PC | 4" CONSTANT-TENSION T-BOLT CLAMPS
- 4PC | M6 X 1.0MM X 16MM FLANGE HEAD BOLTS

TOOLS NEEDED

- | | |
|-----------------|-----------------------|
| 10MM WRENCH | T30 TORX SOCKET |
| 10MM SOCKET | RATCHET |
| 11MM SOCKET | RATCHET EXTENSION |
| 13MM SOCKET | FLAT HEAD SCREWDRIVER |
| 14MM SOCKET | PICK TOOL |
| T20 TORX SOCKET | |

DISCLAIMER

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

INSTALLATION INSTRUCTIONS

01 | REMOVING THE FACTORY INTERCOOLER

1. Disconnect the negative terminal on both batteries.



2. Unbolt the four 14mm bolts that secure the AC condenser to the intercooler.
3. Remove the two T30 Torx bolts that secure the top of the intercooler to the radiator support.



4. The AC condenser should now be free from the vehicle. Carefully swing the assembly to the side, being sure not to damage the condenser or lines.
5. Use a 10mm socket or wrench to loosen the clamps that secure the factory boots to the intercooler. There is one boot on each side with two clamps for each boot.



6. Lift upwards and remove the factory intercooler from the radiator support.
7. Now that the intercooler is out you should be able to remove the factory boots and clamps from both the hot-side and cold-side intercooler pipes. They will be replaced with Mishimoto silicone boots included in the kit.
8. Install the Mishimoto 3.5" to 3" transition boots onto the pipes and secure them to the pipes with 3.25" constant-tension T-bolt clamps.
9. Place the 4" constant-tension clamp onto the intercooler side of the coupler but do not tighten.

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01

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02 | INSTALLING THE MISHIMOTO INTERCOOLER

1. Transfer the upper mounting grommets from the stock intercooler to the Mishimoto intercooler. Pry the metal insert out first and then pull up on the grommet to remove it. Installation of the Mishimoto intercooler is the reverse of removal.



2. Transfer the lower mounting grommets from the factory intercooler to the Mishimoto intercooler.



3. Place the Mishimoto intercooler into position. Be sure the grommets seat properly in the cross bar that supports the radiator. The Mishimoto silicone boots should fit snugly and properly onto the intercooler.

4. Tighten the constant-tension T-bolt clamps that secure the intercooler to the intercooler piping.



5. Reposition the AC condenser in front of the intercooler.

6. Reinstall the two T30 Torx bolts that secure the intercooler to the radiator support.



7. Relocate the lower driver's side AC condenser mounting bracket. This bracket is secured by two T20 Torx bolts. Remove the bolts, slide the bracket down one peg, and reinstall the bolts.

8. Relocate the lower passenger's side AC condenser mounting bracket. This bracket is secured by three T20 Torx bolts. Remove the bolts, slide the bracket down one peg, and reinstall the bolts.

9. Use the four 10mm bolts supplied with the kit to secure the AC condenser to the intercooler.



10. Reconnect the negative terminals on both batteries.

11. You have now successfully installed the Mishimoto Dodge Cummins 5.9L/6.7L Intercooler. Enjoy!