

2003-2007 DODGE 5.9L CUMMINS INTERCOOLER PIPE AND BOOT KIT

PARTS LIST AND INSTALLATION GUIDE

PARTS LIST

- 2PC** | MISHIMOTO ALUMINUM INTERCOOLER PIPES
- 2PC** | SILICONE 3.5" BOOTS WITH DURACORE™ TECHNOLOGY
- 1PC** | SILICONE 2.75" TO 3.5" TRANSITION BOOT WITH DURACORE™ TECHNOLOGY
- 1PC** | SILICONE 3" TO 3.5" TRANSITION BOOT WITH DURACORE™ TECHNOLOGY
- 1PC** | 3" CONSTANT-TENSION T-BOLT CLAMP
- 1PC** | 3.25" CONSTANT-TENSION T-BOLT CLAMP
- 6PC** | 4" CONSTANT-TENSION T-BOLT CLAMPS

TOOLS NEEDED

- 10MM WRENCH
- 10MM SOCKET
- RATCHET
- RATCHET EXTENSION
- FLATHEAD SCREWDRIVER
- PICK TOOL

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 PIPING

1. Disconnect the negative terminal on both batteries.
2. Disconnect the mass airflow connector located on the intake pipe.



3. Loosen the clamp connecting the airbox to the turbocharger, and remove the airbox assembly from the vehicle.
4. Disconnect the hot-side intercooler pipe from both the turbocharger and the intercooler. Use a 10mm socket to loosen the clamps.
5. Remove the hot-side pipe, most easily done by pulling upward while rotating the pipe counterclockwise.



6. Using a 10mm socket or wrench, remove the 10mm bolt and the clamp that secures the cold-side intercooler pipe to the intercooler.
7. Again, using a 10mm socket or wrench, remove the 10mm bolt and clamp. Disconnect the cold-side pipe from the intake manifold.
8. Remove the cold-side intercooler pipe. Starting at the connection point on the intake manifold, push the pipe downward to clear the intake. Next, push the pipe backward toward the throttle body. You will now be able to lift the pipe upward and out of the engine bay.

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INSTALLATION GUIDE

02 | INSTALLING THE MISHIMOTO INTERCOOLER AND PIPING

1. Install the Mishimoto cold-side intercooler pipe. Use one of the supplied 3.5" silicone straight boots on the connection between the intercooler and pipe. Position two 4" constant-tension T-bolt clamps onto the boot. Snug these clamps to prevent movement but do not fully tighten at this time.



2. Install the silicone boot that connects the Mishimoto cold-side intercooler pipe to the intake manifold. This boot features a transition from 3" to 3.5" with the smaller side attaching to the intake manifold. Use one 4" clamp and one 3.25" clamp to secure this silicone boot.

3. Once the pipe is in position, check for any rubbing on engine components or accessories. Tighten the constant-tension T-bolt clamps that secure the cold-side intercooler pipe to both the intercooler and intake manifold.

4. Install the Mishimoto hot-side intercooler pipe. Place a 3.5" silicone straight boot on the outlet of the intercooler. Secure the boot to the intercooler with a 4" constant-tension T-bolt clamp.



5. Insert the Mishimoto hot-side intercooler pipe into the boot on the intercooler. Once in position, slide a 4" constant-tension T-bolt clamp over the pipe and onto the boot. Tighten the clamp to secure this pipe.

6. Install the second coupler that secures the Mishimoto hot-side intercooler pipe. This boot features a 2.75" to 3.5" transition and connects the intercooler pipe to the turbocharger. Use a 3" constant-tension T-bolt clamp on the turbo side of the boot and a 4" clamp on the pipe side. After positioning, tighten the clamps.



7. Reinstall the intake box and intake tube. Installation will be the reverse of removal.



8. Reconnect the mass airflow sensor.

9. Reconnect the negative terminals on both batteries.



10. You have now successfully installed the Mishimoto Dodge Cummins 5.9L Intercooler Pipe and Boot Kit. Enjoy!

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