## 2002-2004.5 CHEVROLET/GMC DURAMAX 6.6L INTERCOOLER PIPEAND BOOT KIT

PARTS LIST AND INSTALLATION GUIDE

## **PARTS LIST**

1PC | MISHIMOTO INTERCOOLER

2 PC | MISHIMOTO ALUMINUM INTERCOOLER PIPES

4 PC | MISHIMOTO SILICONE BOOTS WITH DURACORE™

8 PC | MISHIMOTO STAINLESS STEEL T-BOLT CLAMPS

### **TOOLS NEEDED**

8MM WRENCH 3/8" DRIVE RATCHET

10MM WRENCH RATCHET EXTENSION

7/16" WRENCH FLATHEAD SCREWDRIVER

10MM SOCKET PICK TOOL

11MM SOCKET POP-CLIP PLIERS

#### **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 1 | REMOVING THE OEM INTERCOOLER PIPES

- Disconnect the negative terminal on both batteries.
   Remove the upper radiator shroud by removing the eight pop clips.
- **3.** Disconnect the mass airflow sensor and remove the factory airbox and intake hose.
- **4.** Remove the splash shields from the inner wheel wells by removing the nine pop clips. Then disconnect the sensor harness.



**5.** Remove the mounting plate for the airbox by removing the four 10mm bolts.



- **6.** Unbolt the airbox-mounting bracket from the coolant reservoir by removing the single 10mm bolt.
- **7.** Unbolt the airbox-mounting bracket from the frame by removing the single 10mm bolt.



- 8. Disconnect the cold-side boot and pipe from the intercooler.
- **9.** Disconnect the cold-side boot and pipe from the intake. Then remove the cold-side pipe.
- **10.** Disconnect the hot-side boot and pipe from the intercooler.
- **11.** Disconnect the hot-side boot and pipe from the turbo. Then remove the hot-side pipe.



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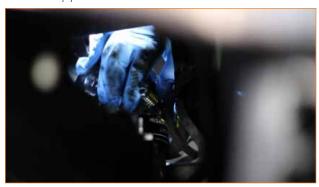
INSTALLATION GUIDE

# 02 INSTALLING THE MISHIMOTO INTERCOOLER PIPE AND BOOT KIT

1. Install the cold-side pipe, and connect the pipe and boot to the intercooler.



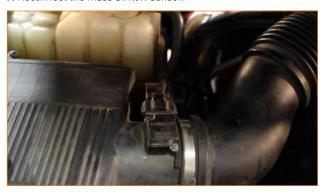
- 2. Connect the cold-side pipe and boot to the intake.
- **3.** Install the hot-side pipe through the driver's-side wheel well, and connect the pipe and boot to the intercooler.



- 4. Connect the hot-side pipe and boot to the turbo.
- **5.** Using two 10mm bolts, reinstall the airbox-mounting bracket to the coolant overflow tank and the truck frame. Then reinstall the airbox-mounting plate using four 10mm bolts.



- 6. Reinstall the factory airbox and air intake hose.
- 7. Reconnect the mass airflow sensor.



- **8.** Reinstall the splash shields to the inner wheel wells with the nine pop clips. Make sure to reconnect the sensors for the splash shield.
- 9. Reinstall the upper radiator shroud using the eight pop clips.



- 10. Reconnect the negative terminals on both batteries.
- 11. You have now successfully installed the Mishimoto Chevrolet/GMC Duramax Intercooler Pipe and Boot Kit. Enjoy!