



# INSTALLATION INSTRUCTIONS

Exhaust Manifold

MAKE: 2003-2007

4-40011

MODEL: Dodge

YEAR: RAM

ENGINE: L5-5.9L (td)

CARB EO D-550-9



Item	Description	Part Number	Quantity
1	Manifold, Exhaust	05-60014	1
2	Gasket, Exhaust Set - Dodge 5.9L (98.5-07)	05-60383	1
3	Plug, Hex Socket: 1/8" NPT (Brass)	03-50410	2
4	Stud, Steel	03-50214	4
5	Nut, Flange M10 x 1.5	03-50189	4
6	Bracket	05-60035	1
7	Channel, Bracket	05-60034	1
8	Screw, Hex Flange Head	03-50182	1

**aFe POWER recommends professional installation on this product.** Thoroughly inspect the aFe POWER exhaust system to make sure there is no damage from shipping (if damage is noted, immediately contact aFe POWER customer service). Allow time for your vehicle to cool down prior to installation. When working on your vehicle proceed with caution. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation.

Install band clamps to proper torque specifications of 40-45 ft-lb.

Install V-band clamps with anti-seize lubricant and hand tighten only to torque specifications of 10-15 ft-lb.





## INSTALLATION INSTRUCTIONS

**MAKE:** 2003-2007  
**MODEL:** Dodge  
**YEAR:** RAM  
**ENGINE:** L5-5.9L (td)

**Exhaust Manifold**

4-40011

**CARB EO D-550-9**

1. **(Read instructions prior to installation.)** It is recommended to not fully tighten the exhaust until it has been fully installed. Leave loose for adjustability.
2. Disconnect both battery cables.
3. Remove air filter housing and air intake tube from the vehicle.
4. Remove turbo from the vehicle by disconnecting the exhaust down-pipe, turbo outlet, oil supply line, oil return line, electrical connection (if applicable), and the four nuts holding the turbo to the stock exhaust manifold.  
**Note: It may make it easier to get the turbo out for you to jack the motor up on the passenger side.**
5. Disconnect the water line bracket nearest the firewall, under the exhaust manifold, using a 15mm socket. Cut the bracket 2" from the water line.
6. Remove the stock exhaust manifold by removing four nuts on the heat shield using a 15mm socket and the twelve manifold bolts using a 13mm socket.
7. Prepare the mating surfaces on the head and the turbo for a better seal.
8. Install the two supplied M10x1.50x37 studs into the tapped holes in the turbo flange on the new aFe exhaust manifold.
9. Install the aFe Exhaust Manifold using the twelve factory bolts, twelve factory spacers, and six exhaust manifold gaskets (supplied)
10. Apply anti-seize to the bolts before installing. Tighten the bolts by using the recommended factory torque procedure as shown. Tighten to 32 ft./lbs.
11. Install the supplied waterline bracket to the factory water line using the supplied M8x1.25x25 bolt and the factory hardware.
12. Install the supplied 1/8 NPT plugs into the exhaust manifold.
13. Replace the stock studs in the turbo with the supplied M10x1.50x37mm studs.
14. Reinstall the turbo with the supplied flange nuts. Tighten using a 15mm wrench and socket.
15. Install the factory heat shield over the aFe exhaust manifold using the factory hardware and a 15mm socket.
16. Reinstall the exhaust down-pipe, turbo outlet, oil supply line, oil return line, and the electrical connection (if applicable) using the factory hardware.
17. Reinstall the air intake tube and air filter housing.
18. Reconnect the batteries. Your installation is now complete. Thank you for choosing aFe Power.

**Note: Retighten all connections after approximately 100-200 miles.**

**Place Enclosed CARB EO sticker on or near the device on a smooth clean surface. CARB EO sticker is required to pass smog inspection.**