



INSTALLATION INSTRUCTIONS

MAKE: Dodge
MODEL: 2500/3500
YEAR: 2003-2007
ENGINE: L6-5.9L (td) Cummins

Turbocharger (76mm/84mm)
46-60051/52



Parts Included:	Qty	Tools Needed:
• Turbocharger	1	• 7/16" Deep Socket
• Gasket, Exhaust Flange	1	• 15/16" Wrench
• Gasket, Oil Drain	1	• 15/16" Socket
• Air Valve Plug	1	• 3/4" Wrench
• M10 x 60mm Stud	2	• 9/16" Wrench
• M10 Flange Nut	4	• 9/16" Socket
		• 13mm Wrench
		• 10mm Deep Wrench
		• 10mm Socket
		• 8mm Socket
		• Flat Head Screwdriver
		• Pliers

CAUTION: 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. **aFe recommends professional installation on this product.**

1. Disconnect the battery before starting the installation.
2. Remove air intake system.
3. Disconnect the air control valve wiring harness (if equipped).
4. Disconnect the intercooler pipe from the turbocharger compressor outlet.
5. Disconnect the exhaust downpipe from the turbocharger.
6. Disconnect the oil flow restrictor from the top of the turbocharger.
7. Remove the oil flow restrictor from the top of the turbocharger.
8. Disconnect the oil drain line from the bottom of the turbocharger.
9. Remove the turbocharger from the exhaust manifold.
10. Remove the air control valve from the OE turbocharger (if equipped).
11. Thoroughly clean the sealing surface of the exhaust manifold outlet.
12. Thoroughly clean the sealing surface of the oil drain pipe.
13. Install the oil flow restrictor on the aFe turbocharger.
14. Install the air control valve in the aFe turbocharger (if not equipped with air control valve, install supplied plug).
15. Install the aFe turbocharger using the supplied exhaust manifold gasket studs and nuts.
16. Connect the oil drain line to the bottom of the turbocharger using the supplied gasket and tighten the bolts.
17. Lubricate the turbocharger bearings by pouring several ounces of motor oil into the oil flow restrictor.
18. Connect the oil feed line to the oil flow restrictor and tighten.
19. Connect the exhaust downpipe to the turbocharger and tighten the v-band clamp (If necessary, loosen the rear clamp on the downpipe for proper alignment).
20. Connect the intercooler pipe to the turbocharger compressor outlet (The inside of the coupler must be free of oil and dirt).
21. Connect the air control valve wiring harness (if equipped).
22. Install the air intake system.
23. Connect the battery.
24. Double check that all connections are secure.
25. Your installation is now complete. Start the vehicle and verify again that all connections are secure and that you have no leaks.

