



INSTALLATION INSTRUCTIONS

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

Turbocharger (Street Series)
46-60050



Parts Included:	Qty	Tools Needed:
• Turbocharger	1	• 15mm Deep Socket
• Gasket, Exhaust Flange	1	• 13mm Deep Socket
• Gasket, Oil Drain	1	• 11mm Deep Socket
• Air Valve Plug	1	• 10mm Deep Socket
• V-band Clamp	1	• 10mm Socket
		• 8mm Socket
		• 13/16" Wrench
		• 3/4" Wrench
		• 15mm Wrench
		• 13mm Wrench
		• 10mm Wrench
		• 5/16" Nut driver
		• 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. Thoroughly inspect the aFe turbocharger to make sure there is no damage from shipping (if damage is noted, immediately contact aFe customer service).**

1. Disconnect the batteries before starting the installation.
2. Remove air intake system.
3. Disconnect the intercooler pipe from the turbocharger compressor outlet.
4. Disconnect the air control valve wiring harness **(if equipped)**.
5. Disconnect the exhaust downpipe from the turbocharger.
6. Disconnect the oil supply from the top of the turbocharger.
7. Disconnect the oil drain line from the bottom of the turbocharger.
8. Remove the turbocharger from the exhaust manifold.
9. Remove the air control valve from the O.E. turbocharger **(if equipped)**.
10. Remove the oil flow restrictor from the top of the O.E. turbocharger.
11. Loosen the clamp and remove the turbine elbow from the O.E. turbocharger **(Be careful not to damage the small dowel pins that locate the turbine elbow to the turbocharger)**.
12. Thoroughly clean the sealing surface of the exhaust manifold outlet.
13. Install the air control valve in the aFe turbocharger **(if not equipped with air control valve, install supplied plug)**.
14. Install the turbine elbow to the back of the aFe turbocharger using the supplied clamp.
15. Remove the studs from the OE turbocharger and install in the aFe turbocharger.
16. Install the aFe turbocharger using the supplied gasket and the factory hardware.
17. Connect the oil drain line to the bottom of the turbocharger using the supplied gasket and tighten the bolts.
18. Lubricate the turbocharger bearings by pouring several ounces of motor oil into the oil inlet of the turbocharger. Spin the compressor wheel by hand to properly lubricate.
19. Install the oil flow restrictor on the aFe turbocharger.
20. Connect the oil feed line to the oil flow restrictor and tighten.
21. 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)**.
22. Connect the intercooler pipe to the turbocharger compressor outlet **(the inside of the coupler must be free of oil and dirt)**.
23. Connect the air control valve wiring harness **(if equipped)**.
24. Install the air intake system.
25. Connect the batteries.
26. Double check that all connections are secure.
27. Your installation is now complete. Start the vehicle and verify again that all connections are secure and that you have no leaks. Let idle for 5-10 mins. to allow the aFe turbocharger to properly lubricate before driving.