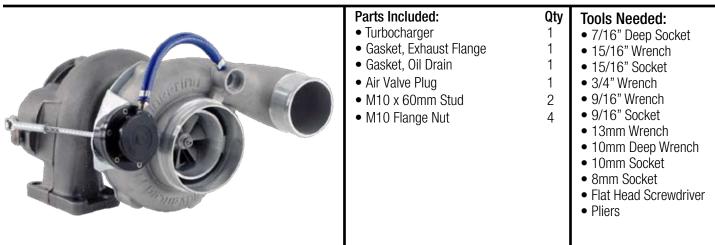


## **INSTALLATION INSTRUCTIONS**

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

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



**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 (frequipped).
- 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.



## THIS PART IS FOR RACE USE ONLY

This is a "Race Only" Product Used solely for Competition. Its use is limited to closed-course and open-course racing that is formally sanctioned by a recognized racing organization. Any other use, including recreational off-road use, could be in violation of local, state and federal laws. This system also requires an aftermarket electronic module to work properly with the vehicle.