



INSTALLATION INSTRUCTIONS

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

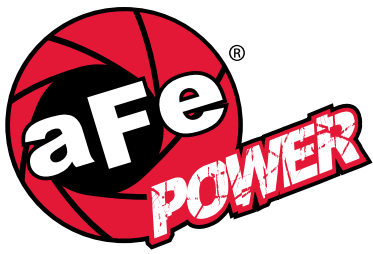
Turbocharger (GT Series) 46-60052-1



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
• Exhaust Elbow	1	• 8mm Socket
• Oil Injector	1	• 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. Thoroughly clean the sealing surface of the exhaust manifold outlet.
12. Install the air control valve in the aFe turbocharger **(if not equipped with air control valve, install supplied plug)**.
13. Install the turbine elbow to the back of the aFe turbocharger using the supplied clamp.
14. Remove the studs from the OE turbocharger and install in the aFe turbocharger.
15. Install the aFe turbocharger using the supplied gasket and the factory hardware.
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 inserting supplied oil injector into the oil inlet of the turbocharger.
Spin the compressor wheel by hand to properly lubricate.
18. Install the oil flow restrictor on the aFe turbocharger.
19. Connect the oil feed line to the oil flow restrictor and tighten.
20. 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)**.
21. Connect the intercooler pipe to the turbocharger compressor outlet **(the inside of the coupler must be free of oil and dirt)**.
22. Connect the air control valve wiring harness **(if equipped)**.
23. Install the air intake system.
24. Connect the batteries.
25. Double check that all connections are secure.
26. 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.



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Warranty

Turbocharger warranty claims must be filed within 2 years from the invoice date. Please see the current “aFe Limited Lifetime Warranty” policy for details. Please call for inquiries and to be issued a Return Good Authorization (RGA) number from aFe prior to sending in the turbocharger. An inspection will be conducted to assess the repair. Should the turbocharger warrant be declared “void” (see conditions below), the turbocharger will be returned at the owner’s expense. In event of a defect of an aFe turbocharger within the period covered by this limited warranty, arrangements will be made to repair/replace at the discretion of aFe.

This warranty is limited to repair and replacement without charge and shall only apply to defective part. aFe will not replace the complete turbocharger should a single component is found to be defective. Limited warranty offer does not cover additional incurred cost such a logistics, labor charges, car storage fee, car rental fee, economic loss, ect.

The limited warranty offered by aFe is voided under these conditions:

- Product has been installed improperly
- Improper or lack of maintenance
- Wear and tear due to normal usage
- Product has been misused or neglected
- Damage due to accident
- Damage from foreign matter
- Modifications have been made or attempted

Due to no formal means of monitoring product use, each claim will be independent and will vary case by case. The final assessment will be made by aFe.