


INSTALLATION INSTRUCTIONS



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

Turbocharger (Street Series)
46-60050

| | | | | | | | | | | | | | | | | |
|---|--|--------------|---|------------------------|---|-------------------|---|----------------|---|--------------|---|--------------|---|-------|---|-------------|
|  | <p style="text-align: center;">Parts Included:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Turbocharger</td> <td style="text-align: right; padding: 2px;">1</td> </tr> <tr> <td style="padding: 2px;">Gasket, Exhaust Flange</td> <td style="text-align: right; padding: 2px;">1</td> </tr> <tr> <td style="padding: 2px;">Gasket, Oil Drain</td> <td style="text-align: right; padding: 2px;">1</td> </tr> <tr> <td style="padding: 2px;">Air Valve Plug</td> <td style="text-align: right; padding: 2px;">1</td> </tr> <tr> <td style="padding: 2px;">V-band Clamp</td> <td style="text-align: right; padding: 2px;">1</td> </tr> <tr> <td style="padding: 2px;">Oil Injector</td> <td style="text-align: right; padding: 2px;">1</td> </tr> <tr> <td style="padding: 2px;">Studs</td> <td style="text-align: right; padding: 2px;">2</td> </tr> </table> | Turbocharger | 1 | Gasket, Exhaust Flange | 1 | Gasket, Oil Drain | 1 | Air Valve Plug | 1 | V-band Clamp | 1 | Oil Injector | 1 | Studs | 2 | <p>Qty.</p> |
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| Air Valve Plug | 1 | | | | | | | | | | | | | | | |
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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 exhaust manifold and the turbo from the vehicle.
9. Remove the turbocharger from the exhaust manifold.
10. Remove the air control valve from the O.E. turbocharger (if equipped).
11. Remove the oil flow restrictor from the top of the O.E. turbocharger.
12. Remove the turbine elbow from the O.E. turbocharger.
13. Thoroughly clean the sealing surface of the exhaust manifold outlet.
14. Install the air control valve in the aFe turbocharger (if not equipped with air control valve, install supplied air valve plug).
15. Install the factory turbine elbow to the back of the aFe turbocharger using the supplied v-band clamp.
16. Install in the supplied studs into the aFe turbocharger. Use the factory turbo to locate where the studs go in the turbo.
17. Install the aFe turbocharger using the supplied gasket and the factory hardware.
18. Install the exhaust manifold with turbo and tighten.
19. Connect the oil drain line to the bottom of the turbocharger using the supplied gasket and tighten the bolts.
20. Lubricate the turbocharger bearings by dispensing the supplied oil injector into the oil inlet of the turbocharger. Spin the compressor wheel by hand to properly lubricate.
21. Install the oil flow restrictor on the aFe turbocharger.
22. Connect the oil feed line to the oil flow restrictor and tighten.
23. Connect the exhaust downpipe to the turbine elbow and tighten the v-band clamp (If necessary, loosen the rear clamp on the downpipe for proper alignment).
24. Connect the intercooler pipe to the turbocharger compressor outlet (the inside of the coupler must be free of oil and dirt).
25. Connect the air control valve wiring harness (if equipped).
26. Install the air intake system.
27. Connect the batteries.
28. Double check that all connections are secure.
29. 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.