



## INSTALLATION INSTRUCTIONS

MAKE: GM

MODEL: Duramax

YEAR: 2001-2004

ENGINE: V8-6.6L (td) LB7

**Turbocharger (Street Series)**

**46-60100**



### Parts Included:

- Turbocharger
- Oil Injector

### Qty

1  
1

### Tools Needed:

- 15mm Deep Socket
- 13mm Deep Socket
- 11mm Deep Socket
- 10mm Deep Socket
- 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 both batteries before starting the installation.
2. Drain antifreeze from the truck.
3. Remove passenger inner fender well (save old hardware).
4. Remove driver side inner fender well (save old hardware).
5. Remove heat shield from top of turbo (save old hardware).
6. Remove heat shield from exhaust up-pipes (both sides) (save old hardware).
7. Remove the transmission dip stick (save old hardware).
8. Remove the V-band clamp, bolt that retains exhaust down-pipe to exhaust manifold, and six bolts on the turbo (Exhaust down-pipe will not come out until next step) (save old hardware).
9. Remove the 6 bolts from the passenger side exhaust up-pipe. Remove the exhaust up-pipe and the exhaust down-pipe from the vehicle (save old hardware).
10. Remove the 6 bolts from the driver side exhaust up-pipe. Leave this up-pipe in the truck (save old hardware).
11. Remove waste gate vacuum hose from the turbo.
12. Disconnect boost tube from turbo outlet (save old hardware).
13. Disconnect water inlet from the turbo (save old hardware).
14. Remove the water inlet adapter from coolant tube in front of the turbo.
15. Disconnect water outlet from the turbo (save old hardware).
16. Disconnect 2 nuts from oil return from the turbo (save old hardware).
17. Disconnect any wiring from their sensors. Move out of the way.
18. Remove the 3 bolts holding the turbo to the engine
19. Remove the turbo from the truck.
20. Remove the oil return tube and install on aFe turbo.
21. Using supplied oil injector, lubricate the turbocharger bearings by injecting oil into the oil inlet and rotating the turbo blades/shaft by hand.
22. Install new gaskets and follow instructions in reverse order.
23. Fill cooling system with anti-freeze and check for leaks .
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.