



INSTALLATION INSTRUCTIONS

MAKE: FORD
MODEL: SUPER DUTY
YEAR: 2003-2007
ENGINE: V8-6.0L (td)

EGR TRACK KIT

46-90076



Parts Included:

- Plate, Block-Off (1)
- Pipe, 3/4" Coolant (1)
- Pipe, 2" Exhaust Up (1)
- Hose, Silicone (1)
- Clamp, Hose #10 (2)
- Gasket (1)
- O-Ring, 220 (1)
- O-Ring, 210 (1)
- Screw 12pt: 5/16-18 x 1.5" (2)
- Screw 12pt: 5/16-18 x 2" (2)
- Nut, Hex: 5/16-18 (4)

Tools Needed:

- 8mm Socket
- 10mm Socket
- 13mm Socket
- 15mm Socket
- 7/16" Deep Socket
- 3/8" Driver Ratchet
- 3/8" Driver Extension
- Flathead Screwdriver

CAUTION: Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Engine bays reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation. aFe recommends professional installation of this product as it involves removal of the turbocharger, intake manifold as well as opening the cooling and oil systems.

Note: Gaskets are not supplied with this product. They can be purchased from aFe (P/N: 46-90075) or from your local auto parts supplier.

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.

A check engine light will emit and aFe recommends using a programmer but it is not necessary.

1. Disconnect vehicle batteries before installation.
2. Release the 4 air box clips and remove the air box and air filter.
3. Use a 7/16" deep socket to loosen the clamps on both the driver and passenger side intercooler pipes.
4. Disconnect the plastic wiring shroud from the firewall for easier access to the top of the engine (move the shroud out of the way by temporarily attaching it to the windshield wiper arm).
5. Use a flat screwdriver and an 8mm wrench to remove the turbo inlet tube from the turbo.
6. Disconnect the wire harness from the turbo.
7. Use a 13mm and 10mm socket to remove the alternator from the engine.
8. Use a flat screwdriver to remove the fan shroud screws and to release the plastic clips.
9. Remove the fan shroud.
10. Use a 10mm socket and 10mm wrench to remove the three turbo mounting bolts (one is located under the turbo and not visible).
11. Use a 7/16" deep socket to loosen the v-band clamp connecting the turbo to the exhaust downpipe.
12. Remove the turbo from the engine.
13. Use a 7/16" deep socket to loosen the v-band clamp connecting the EGR cooler to the exhaust up-pipe.
14. Use a 10mm socket to remove the 4 turbo pedestal mounting bolts.
15. Remove the turbo pedestal from the engine.
16. Use a 15mm socket to remove the 2 fan shroud bolts from the intake manifold.
17. Use a 10mm socket to loosen 8 intake manifold mounting bolts (**do not remove**).
18. Remove the intake manifold and EGR cooler.
19. Use a 10mm and 8mm socket to remove the 3 EGR cooler mounting bolts.
20. Remove the EGR cooler.
21. Install the provided silicone coolant hose on the aFe EGR 3/4" coolant pipe using the supplied #10 clamps. **Do Not Tighten!**
22. Install the aFe EGR 3/4" coolant pipe in the intake manifold using the supplied O-rings and block off plate (lubricate the small O-ring).
23. Install the intake manifold on the engine using new gaskets, slip the 3/4" coolant hose into position and tighten clamps.
24. Connect the EGR 2" exhaust up-pipe and seal with a new gasket.
25. Repeat the steps 1-17 above in the reverse order to re-assemble the engine components.
26. Your installation is now complete.



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Acknowledgement of Competition Use & Release and Assumption of Risk and Liability

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PLEASE READ, SIGN AND RETURN TO ADVANCED FLOW ENGINEERING, INC. (VIA FAX, EMAIL OR MAIL) AS ACCEPTANCE OF ALL THE TERMS OF THIS ACKNOWLEDGEMENT BEFORE INSTALLING THIS PRODUCT. CALL AFE CUSTOMER SERVICE TO RETURN THIS PRODUCT IF YOU CHOSE TO NOT ACCEPT THESE TERMS.

1. I am purchasing this product from AFE with the intention of using this product **only** in racing, autocross, track and off-road automotive events.
2. I am aware that this product is to be used solely for competition in a closed-course and open-course racing sanctioned by a recognized racing organization.
3. By signing below, I represent and warrant that I am purchasing this product for the sole purpose of installing on a vehicle that will be used solely in competition and not used on any public roadway, dirt or paved.
4. I understand that if I use my vehicle for any purpose other than competition after installing this product, my vehicle may fail Federal, State, and/or Local emission standards and testing and I may be subject to penalty and fines.
5. I understand that the installation of this product may void vehicle and engine warranty.

I, _____, on behalf of myself, my successors, assigns and affiliates (collectively the "Releasing Parties"), hereby release and forever waive and discharge aFe and its affiliates, successors, assigns, directors, officers, agents, representatives, employees and distributors (collectively the "Released Parties"), both jointly and severally, from any and all actions, covenants, claims and demands for damages or injuries (to vehicle or persons or property), and claims for penalties, fines, or other actions taken by any government authority, however arising, which may have been or may not have been sustained by, or in any way relating or arising out of this product (including, without limitation, any claims related to failure to meet emission standards, failure of the vehicle to be used solely for competition and voided warranties.)

In witness hereof, I executed this Acknowledgement of Competitive Use and Release and Assumption of Risk and Liability having fully read and understood and willingly agreeing to acknowledge all of its terms.

Name: _____

Address: _____

Signature: _____

Date: _____ / _____ / _____