



INSTALLATION INSTRUCTIONS

MAKE: Ford

MODEL: F-250 / F-350

YEAR: 2003-2007

ENGINE: V8-6.0L (td) Power Stroke

BladeRunner Exhaust Manifold 46-40124 (Ductile Iron)



Parts Included:

- (P/N: 05-60763) Manifold, Driver Side (x2)
- (P/N: 05-46057) Stud: M8 x 1.25 x 35mm long (X6)
- (P/N: 03-50410) Plug, Hex Socket: 1/8" NPT (Brass) (x2)
- (P/N: 05-46057) Nut, Hex Oval Lock: M8 x 1.25 W/Conical Top (x6)

Tools Needed:

- 10mm sockets and wrenches
- 12mm sockets and wrenches
- 8mm socket and wrench
- Nut Driver
- Ratchet and extensions
- 3/16" hex key
- Penetrating Oil
- Panel popper

CAUTION: Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Engine bays may reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation. aFe Power recommends professional installation on our products.

Passenger Side Manifold

NOTES: Disconnect the batteries while working in the engine compartment.

Apply penetrating oil to exhaust hardware before attempting to remove exhaust manifolds.

Step 1. Discharge AC system.

Step 2. Park vehicle on level ground. Raise front of vehicle and support with jack stands.

Step 3. Disconnect the vehicle batteries.

Step 4. Remove the passenger side wheel and inner fender liner.

Step 5. Remove the three nuts securing the passenger side up pipe to the manifold

Step 6. Remove the accessory drive belt and alternator.

Step 7. Remove AC lines from AC Compressor.

Step 8. Remove the heat shield and passenger side exhaust manifold.

Step 9. Install three provided studs and one 1/8" NPT plug into the passenger side aFe manifold, be careful to not overtighten the plug.

Note: If an EGT probe or other sensor will be installed in this manifold install the sensor in the 1/8" NPT port.

Step 10. Install the aFe passenger side exhaust manifold to the cylinder head using the oe hardware. Torque the bolts to 28 lb-ft.

Step 11. Using the supplied nuts, install the passenger side exhaust manifold to the up-pipe. Tighten bolts to 20 lb-ft.

Step 12. Install the Heat shield, reconnect the AC lines, install the alternator, accessory drive belt, side inner fender liner and wheel.

Driver Side Manifold

Step 1. Remove the driver side wheel and inner fender liner.

Step 2. Drain coolant from engine.

Step 3. Remove the egr cooler above the driver side manifold.

Step 4. Remove the engine dipstick and the egr cooler bracket.

Step 5. Remove the three nuts securing the driver side up pipe to the manifold.

Step 6. Remove the driver side manifold.

Step 7. Install three studs and one 1/8" NPT plug into the driver side aFe manifold, be careful to not overtighten the plug.

Note: If an EGT probe or other sensor will be installed in this manifold install the sensor in the 1/8" NPT port.

Step 8. Install the aFe driver side exhaust manifold to the cylinder head using the oe hardware. Torque the bolts to 28 lb-ft.

Step 9. Using the supplied nuts, bolt the driver side exhaust manifold to the driver side up-pipe. Tighten bolts to 20 lb-ft.

Step 10. Install the EGR cooler and dipstick.

Step 11. Install driver side inner fender liner and wheel.

Step 12. Refill engine coolant.

Step 13. Connect vehicle batteries.

Step 14. Check for exhaust leaks.

Step 15. Installation is now complete.

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