



INSTALLATION INSTRUCTIONS

MAKE: GM
MODEL: Silverado HD/ Sierra HD
YEAR: 2001-2016
ENGINE: V8-6.6L (td)

BladeRunner Exhaust Manifolds 46-40024 (Ductile Iron)



Parts Included:

- Driver Side Manifold (x1)
- Passenger Side Manifold (x1)
- Plug, 1/8" NPT Brass (x2)
- Screw, M10 x 1.5 x 60mm (15)
- Screw, M10 x 1.5 x 100mm (1)
- Washer, M10 (16)

Tools Needed:

- 12 Point 12mm Sockets
- 14mm Sockets/ Wrench
- 8mm Socket/ Wrench
- Socket Driver and Extensions
- 8mm Hex Driver
- 3/16 Hex Driver
- Pannel 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.

1. Disconnect vehicle batteries before installation.
2. Remove the passenger side wheel and inner fender liner.
3. Remove the bolt securing the down pipe to the bracket on the up-pipe.
4. Remove the three bolts securing the up-pipe to the manifold and remove the up-pipe to manifold gasket.
5. Remove the passenger side exhaust manifold, heat shield, and gasket.
6. Install the supplied 1/8" NPT plug or EGT sensor (not supplied) into the manifold.
7. Install the passenger side manifold onto the cylinder head using a new gasket and the supplied hardware. The M10-1.5x100mm bolt will be installed in the most rearward lower hole.
8. Torque the manifold bolts using the factory torque sequence to 25 lb.-ft. Re-torque the hardware to 35 lb.-ft. using the same sequence.
9. Using the factory hardware and a new gasket, install the up pipe on to the manifold and torque to 39 lb.-ft.
10. Secure the down pipe to the up-pipe using the hardware removed in step 3.
11. Install the passenger side inner fender liner and wheel.
12. Remove the driver side wheel and inner fender liner.
13. Remove the hot-side intercooler tube.
14. Secure the steering wheel in the vehicle to prevent the wheel from being turned while the steering shaft is removed.
15. Mark and disconnect the steering shaft.
16. Remove the three bolts securing the up-pipe to the manifold and remove the up-pipe to manifold gasket.
17. Remove the driver side exhaust manifold, heat shield, and gasket.
18. Install the supplied 1/8" NPT plug or EGT sensor (not supplied) into the manifold.
19. Install the driver side manifold onto the cylinder head using a new gasket and the supplied hardware
20. Torque the manifold bolts using the factory torque sequence to 25 lb.-ft. Re-torque the hardware to 35 lb.-ft. using the same sequence.
21. Using the factory hardware and a new gasket, install the up pipe on to the manifold and torque to 39 lb.-ft.
22. Reconnect the steering shaft, hot-side intercooler tube, driver side inner fender liner and wheel.
23. Reconnect the batteries. Your installation is now complete. Thank you for choosing aFe Power.

***Note 1:** Retighten all connections after approximately 100-200 miles.

***Note 2:** This product is not CARB exempt at this time and is not legal for sale in California or use on vehicles registered with the California Department of Motor Vehicles.