



INSTALLATION INSTRUCTIONS

MAKE: GM

MODEL: Gas Trucks / SUV's

YEAR: 2009-2013

ENGINE: V8 (GMT900)

Headers

48-44001 (409 SS)



Parts Included:

- 3/8 x 1-1/4 Bolts (x3)
- 3/8 x 1-3/4 Bolts (x3)
- 3/8 Flange nuts (x6)

Tools Needed:

- 13mm, 15mm, 18mm Wrench
- O2 wrench
- 13mm, 15mm, 18mm Socket
- 3/8" Ratchet
- 3/8 extensions various lengths
- Spark plug socket

CAUTION: Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Exhaust systems 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 on our products. **Note: aFe's Downpipe recommends an aftermarket tuner to clear check engine light**

- 1: (Read Instructions prior to installation)** Secure vehicle on jack stands (Refer to your manual for specified jack stand positions).
- 2:** Disconnect the battery before starting work on the exhaust system.
- 3:** Remove the Right side inner fender panel.
- 4:** Remove the Right side spark plug boots and remove the spark plugs (be careful not to damage when removing)
- 5:** Remove Right side primary O2 sensor.
- 6:** Remove (1) 10mm bolt on the dip stick tube and remove the dip stick tube.
- 7:** Remove (3) 3/8 nuts on the on the Right side Y-Pipe to OE exhaust manifold.
- 8:** Remove the (6) 8mm bolts on the Right side exhaust manifold and remove the manifold.
- 9:** Clean the cyl head exhaust manifold gasket surface, make sure it is free of debris.
- 10:** Install the Right side aFe power header using the original exhaust manifold gasket and (6) 8mm bolts. (the OE manifold gasket can be reused if not damaged, replace if necessary)
- 11:** Tighten the (6) 8mm bolts on the Right side aFe power header starting from the center and working your way to outside bolts.
- 12:** Install the supplied (3) 3/8 x 1-3/4 bolts and 3/8 nuts on the right side aFe power header to OE Y-Pipe, make finger tight only at this time.
- 13:** Reinstall the dip stick tube using the original bolt and dip stick.
- 14:** Reinstall the spark plugs and spark plug boots.
- 15:** Reinstall the Right side inner fender panel.
- 16:** Mark alignment of the steering shaft so steering shaft will be reinstalled in the correct position later.
- 17:** Remove the nut and bolt on the steering shaft and separate.
- 18:** Remove the Left side spark plug boots and remove the spark plugs (be careful not to damage when removing)
- 19:** Remove (3) 3/8 nuts on the on the Left side Y-Pipe to OE exhaust manifold.
- 20:** Remove the (6) 8mm bolts on the Left side exhaust manifold and remove the manifold.
- 21:** Clean the cyl head exhaust manifold gasket surface, make sure it is free of debris.
- 22:** Install the Left side aFe power header using the original exhaust manifold gasket and (6) 8mm bolts. (the OE manifold gasket can be reused if not damaged, replace if necessary)
- 23:** Tighten the (6) 8mm bolts on the Right side aFe power header starting from the center and working your way to outside bolts.
- 24:** Install the supplied (3) 3/8 x 1-1/4 bolts and 3/8 nuts on the Left side aFe power header to OE Y-Pipe, make finger tight only at this time.
- 25:** Reinstall the spark plugs and spark plug boots.
- 26:** Reinstall the steering shaft in the correct position and fasten using the original nut and bolt and tighten.
- 27:** Tighten the (6) 3/8 nuts and bolts on the aFe power headers to Y-Pipe.
- 28:** Reinstall the Right side primary O2 sensor on Y-Pipe and plug in O2 sensor connection.
- 29:** Re-connect battery.