



INSTALLATION INSTRUCTIONS

MAKE: Dodge/RAM
MODEL: 1500/1500 Classic
YEAR: 2009-2019
ENGINE: V8-5.7L HEMI (2WD/4WD)
NOTE: Does not fit 120.5" Wheelbase

Headers And Y-Pipe Combo 48-42010-YC (w/Cats)



Parts Included:

- (P/N: 05-144102) Right Side Header (x1)
- (P/N: 05-144103) Left Side Header (x1)
- (P/N: 05-144104) Left Y-Pipe (x1)
- (P/N: 05-144105) Right Y-Pipe (x1)
- (P/N: 05-44909) Extension Pipe (x1)

Hardware Included:

- (P/N: 05-46145) 9" O2 Extension Lead (x2)
- (P/N: 05-41055) 3" SS Band Clamp (x3)
- (P/N: 05-41171) 3-1/2" SS Band Clamp (x1)
- (P/N: 03-50421) Screw, Hex Head: M8 x 1.25 x 25mm (x16)
- (P/N: 05-46094) Header Bolt, Spacer (x1)
- (P/N: 05-46093) Exhaust Gasket Set
- (P/N: 05-40116) Heat Wrap 3" x 3" (x1)
- (P/N: 05-40110) Heat Wrap 4" x 4" (x1)
- (P/N: 05-60167) 12" Zip Ties (x4)

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 rec-

- Step 1:** Read Instructions prior to installation.
- Step 2:** Secure vehicle on jack stands (refer to your manual for specified jack stand positions).
- Step 3:** Disconnect the battery before starting work on the exhaust system.
- Step 4:** Loosen the muffler clamps on the exhaust system to muffler extension pipe.
- Step 5:** Remove exhaust from all hangers and remove from truck.
- Step 6:** Un-plug O2 sensors on the Y-pipe.
- Step 7:** Remove the (x4) 10mm nuts on the Y- pipe to OE exhaust manifolds and remove Y-pipe.
- Step 8:** Remove (x4) 6 mm nuts on right side exhaust manifold heat shield and remove heat shield.
- Step 9:** Remove the (x9) exhaust manifold bolts and remove OE exhaust manifold.
- Step 10:** Clean the cylinder head manifold gasket surface, make sure it is free of exhaust gasket debris.
- Step 11:** Install right side aFe power header and right side header gasket using the 8 mm x 1.25 x 25mm bolts provided in the hardware kit and tighten working from the center out.
- Step 12:** Mark the steering shaft and remove the bolt and separate the steering shaft.
- Step 13:** Remove the dip stick tube (take note where the dip stick tube bracket bolts to the exhaust as it will go back in the same location later using the original bolt)



RACE ONLY DISCLAIMER

This is a Race Only product that is to be used solely for competition, it cannot be used on vehicles that are operated on public streets, roads or highways. 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 competition acknowledgement / liability release form must be filled out and submitted.



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- Step 14:** Remove (x4) 6 mm nuts on left side exhaust manifold heat shield and remove heat shield.
- Step 15:** Remove the (x8) exhaust manifold bolts and remove the OE exhaust manifold.
- Step 16:** Clean the cylinder head manifold gasket surface, make sure it is free of exhaust gasket debris.
- Step 17:** Install the left side aFe power header and left side header gasket using the 8 mm x 1.25 x 25 mm bolts, and the stock manifold bolt and spacer provided in the hardware kit for the dip stick tube and tighten from the center out.
- Step 18:** Reinstall the dip stick using the original nut and bolt.
- Step 19:** Reinstall the steering shaft.
- Step 20:** Install the O2 extension leads on the rear O2 connectors.
- Step 21:** Install the 3" band clamps on the aFe Y-pipe.
- Step 22:** Install the aFe power converter pipes onto the aFe power headers but do not tighten the 3" band clamps yet.
- Step 23:** Install the 3-1/2" band clamp on the aFe power extension pipe and install the extension pipe on the Y-pipe.
- Step 24:** Reinstall the O2 sensors and plug in O2 sensor plugs.
- Step 25:** Secure the O2 extension leads out of the way with the cable ties provided in the hardware kit.
- Step 26:** Reinstall the OE exhaust system.
- Step 27:** Adjust aFe power converters pipes, and extension pipe for clearance and tighten the (x3) 3" band clamps on the aFe power converter pipes and the 3-1/2" on the y-pipe to extension pipe and all exhaust clamps.
- Step 28:** Wrap the shifter cable with the supplied heat wrap where it is close to the header, adjust the shifter cable for more clearance if necessary.
- Step 29:** Double check all work and ensure everything is tight.
- Step 30:** Re-connect the battery.
- Step 31:** Congratulations, Your system is now complete and fully installed!
It is recommended to re-tighten all clamps and bolts after 50-100 miles.



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