



INSTALLATION INSTRUCTIONS

MAKE: Dodge

MODEL: Charger/Challenger R/T

YEAR: 09-14

ENGINE: V8-5.7L HEMI (RWD)

ALSO FITS: 09-15 Chrysler 300C V8-5.7L HEMI (RWD)

Long Tube Headers & Y-pipe

48-32011-YC (w/Cats)

48-32011-YN (w/o Cats)



Parts Included:

- P/N 05-45943: Right Side Header (x1)
- P/N 05-45944: Left Side Header (x1)
- P/N 05-45945: Left Converter Pipe w/cat (x1)
- P/N 05-45946: Right Converter Pipe w/cat (x1)
- P/N 05-45947: Left Converter Pipe w/o cat (x1)
- P/N 05-45948: Right Converter Pipe w/o cat (x1)

Hardware Included:

- P/N 05-41055: 3" SS Band Clamp (x2)
- P/N 05-40110: Heat Wrap 4" x 4" (x1)
- P/N 05-46078: Heat Wrap 4" x 12" (x1)
- P/N 05-46114: 15"L O2 Extension (x4)
- P/N 05-60167: Zip-Ties 12"L (x4)
- P/N 05-46094: Header Spacer Bolt (x1)
- P/N 05-46093: Manifold Gasket set
- P/N 03-50421: Bolt, M8 x1.25 x 25mm L (x16)
- P/N 03-50403: Nut, M8 x 1.25 (x4)
- P/N 03-50159: Washer, M8 x 16mm (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 recommends professional installation on our products.

Step 1: (Read instructions prior to installation) Secure vehicle on jack stands (refer to your owner's manual for specified jack stand positions).

Step 2: Disconnect the battery located in trunk.

Step 3: Remove the engine cover.

Step 4: Remove the air inlet tube from the air box.

Step 5: Remove the fuse box mounting tray.

Step 6: Remove the lower under tray.

Step 7: Remove the OE exhaust system.

Step 8: Unplug the O2 sensors (mark the O2 sensor connectors so they are reinstalled in the correct position.)

Step 9: Unbolt the driver's side and passenger side Catalytic Converter pipes from the manifolds and remove.

Step 10: Remove the (x2) nuts on the right and left heat shields on the motor mount and remove the heat shields.

Step 11: Remove the dip stick tube.

Step 12: Remove the (x4) nuts on the right side exhaust manifold heat shield.

Step 13: Remove the right side motor mount bolts and raise the engine slightly and remove the heat shield.

Step 14: Lower the motor and reinstall the motor mount bolts. Reinstall the heat shield on the motor mount with the 8mm nuts and washers provided.

Step 15: Remove the (x9) bolts on the right side exhaust manifold and remove the manifold and gasket.

Step 16: Install the passenger side aFe power header onto the cylinder head using the gasket and 8mm bolts provided and (x1) stock manifold bolt and spacer provided for the dip stick and tighten to manufactures specification's, starting from the center and working towards the outside bolts.

Step 17: Reinstall the dip stick.

Step 18: Remove the (x4) nuts on the left side exhaust manifold heat shield and remove the heat shield.



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 19: Remove the (x8) bolts on the left side exhaust manifold and remove the manifold and gasket.

Step 20: Reinstall the left side motor mount heat shield using the 8mm nuts and washers provided.

Step 21: Install the left side aFe power header onto the cylinder head using the gasket and 8mm bolts provided and tighten to manufactures specification's, starting from the center and working towards the outside bolts.

Step 21: Remove the O2 sensors from the OE Catalytic Converter pipes and reinstall them on the aFe power Catalytic Converter extension pipes.

Step 22: Install the supplied 3" band clamp onto the passenger side aFe power Catalytic Converter pipe and install onto the header, do not tighten clamp.

Step 23: Install the supplied 3" band clamp onto the driver's side aFe power Catalytic Converter pipe and install onto the header, do not tighten clamp.

Step 24: Install the O2 extension leads supplied in the kit.

Step 25: Plug in O2 sensors and fasten extension leads out of the way using the cable ties provided in the hardware kit.

Step 26: Reinstall the OE exhaust system but do not tighten band clamps yet.

Step 27: Align the aFe power Catalytic Converter pipes for clearance.

Step 28: Tighten the right and left band clamps on the aFe power Catalytic Converter pipes and band clamps on the OE exhaust system.

Step 29: Reinstall the air inlet tube from the air box.

Step 30: Reinstall the fuse box and mounting tray.

Step 31: Reinstall the lower under tray.

Step 32: Reconnect the battery.

Step 33: Reinstall the engine cover.

Step 34: Lower vehicle off jack stands.

Step 35: Check connections after approximately 100-200 miles. Thank you for choosing aFe Power!



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