



INSTALLATION INSTRUCTIONS

MAKE: Chevrolet
 MODEL: Camaro LS/LT/SS
 YEAR: 2010-2015
 ENGINE: V8-6.2L

PFADT Series
48-34123-YC w/Cats
48-34123-YN w/o Cats



Parts Included
• P/N 05-45926: Left Header (x1)
• P/N 05-45925: Right Header (x1)
• P/N 05-45927: Mid-Pipe Connection Tubes w/cats (X2) (48-34123-YC)
• P/N 05-45928: Mid-Pipe Connection Tubes w/o cats (x2) (48-34123-YN)

Hardware Included
• P/N 05-46128: Exhaust Gaskets Set (x1)
• P/N 03-50442: Bolt, M8 x 1.25 x 25mm (x12)
• P/N 05-46121: O2 Sensor Extension 12" (x2) (48-34123-YC Only)
• P/N 03-50377: P-Clamp (x1)
• P/N 05-46018: Threaded Plug (x1)
• P/N 05-41588: V-Band Clamp (x2)

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:** Securely support the vehicle on a lift or on jack stands with at least 24 inches of clearance from the frame rail to the ground.
- Step 2:** Disconnect the battery from the vehicle.
- Step 3:** Remove the spark plug wires and spark plugs to avoid damaging them during installation. (5/8" spark plug socket)
- Step 4:** Un-bolt dip stick tube from the side of the engine block and pull the dip stick tube up to remove.
- Step 5:** Disconnect the primary and secondary O2 sensors from the engine wiring harness. The primary connectors can be found near the rear of the cylinder heads on the engine. Primary O2 sensor connectors are black, secondary O2 sensor connectors are gray and are best reached from under the vehicle.
- Step 6:** Remove all manifold bolts.
- Step 7:** Remove the bolt that secures the steering shaft to the rack (11mm socket on extension). Compress the steering shaft to disengage it from the rack and push it off to the side.
NOTE: DO NOT ROTATE THE STEERING SHAFT – DAMAGE CAN RESULT.
- Step 8:** On an automatic vehicle you may have to remove the transmission cooling lines from the side of the transmission to gain clearance. On a manual vehicle, desired clearance should already be achieved.
- Step 9:** Secure engine with a jack then loosen the two nuts on the right side engine mount and lift the engine slightly. Loosen the nuts on the mid pipe, slip over clamps, and slide back.
- Step 10:** Remove exhaust manifolds, cat pipes and exhaust gaskets
- Step 11:** Inspect the engine head surface and clean the area with a gasket scrapper.
- Step 12:** Connect the primary O2 sensor extensions to the engine harness. Do not connect the actual O2 sensors at this time. On driver side use supplied" P" clamp to secure extension to the heat shield see (**Example A**).



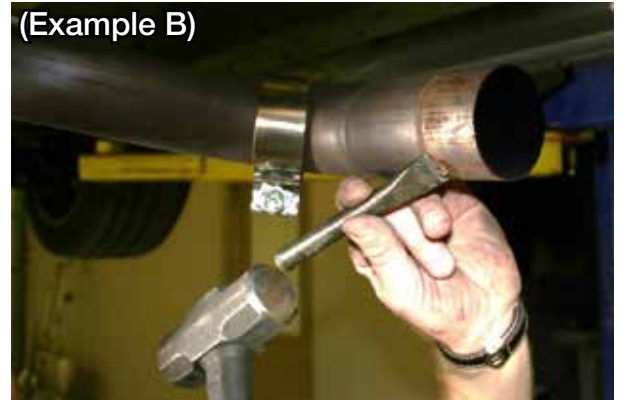


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- Step 13:** Install the passenger side header and gasket using supplied 8mm bolts. Lower motor back into place & tighten motor mount.
- Step 14:** Install driver side header & gasket using supplied 8mm bolts. (Not necessary to remove motor mount) Be careful no to damage clutch or brake line.
- Step 15:** Install primary O2 sensors to the previously installed extensions. (Zip tie lines away from headers, use the fluid lines along the tunnel). **Note: If using a wide band, install sensor onto extra bung on passenger header. If not using wide band, install supplied bung plug.**
- Step 16:** Install V-Band clamps on each header and do not fully tighten.
- Step 17:** On stock cat back system, use a hammer and a chisel to remove the knob on driver side OE mid pipe. See **(Example B)**.
- Step 18:** Loosen the four bolts on the under vehicle brace across the tunnel to allow for clearance.
- Step 19:** Install the connector pipe using the provided V-Clamps and OEM butt joint clamps. Do not fully tighten, snug to hold in place. If aftermarket mid pipe is installed, and uses the slip over connection, reuse or replace the clamps with the current mid pipe, not OEM butt joint clamps).
- Step 20:** Install secondary O2 sensors into connector pipes and plug into extensions. Zip tie these away from the exhaust.
- Step 21:** Torque the header bolts, starting from the center working your way outward. First pass will be 11ft lbs of torque, second pass will be 18ft lbs.
- Step 22:** Reinstall the dip stick tube.
- Step 23:** Reinstall the spark plugs and wires.
- Step 24:** Reinstall the steering shaft.
- Step 25:** Reconnect battery.
- Step 26:** Reconnect the transmission cooling lines if automatic. Tighten motor mount.
- Step 27:** Tighten all band clamps and four bolts for the under vehicle brace.
- Step 28:** Double check all work and ensure everything is tight. No wires dangling or touching exhaust.
- Step 29:** Start the vehicle and check for any leaks.
- Step 30:** Congratulations, Your system is now complete and fully installed! It is recommended to re-tighten all clamps and bolts after 50-100 miles.



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.