

INSTALLATION INSTRUCTIONS

MAKE: GM

MODEL: Silverado HD/Sierra HD

YEAR: 2016

ENGINE: V8-6.6L (td) LML

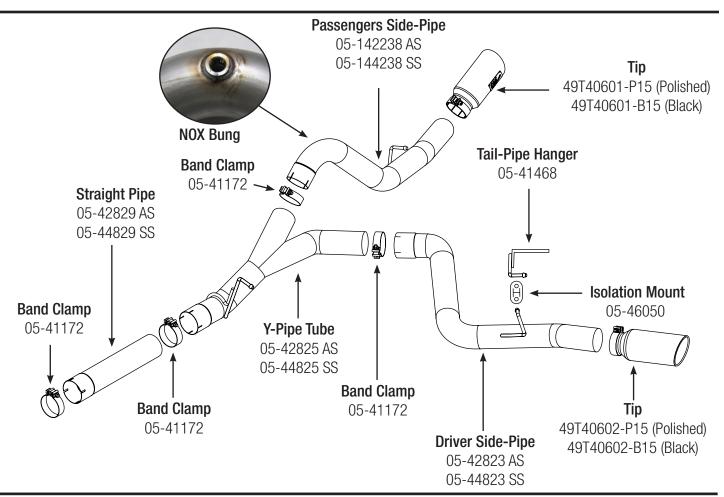
WHEELBASE: All except Cab & Chassis

4" DPF-Back Aluminized

49-04080-P (Polished Tips) 49-04080-B (Black Tips)

4" DPF-Back Stainless Steel

49-44080-P (Polished Tips) 49-44080-B (Black Tips)



Step 1: (Read Instructions prior to installation)) Factory isolation mounts will be reused when installing new Exhaust system. Jack stands are needed for support of DPF throughout the whole process. It is recommended to not fully tighten the clamps until the entire system has been installed.

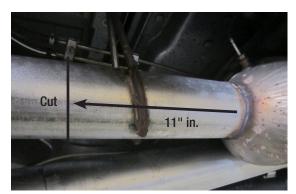
Step 2: For faster installation spread the pieces of the aFe exhaust alongside your vehicle according to the diagram shown. It's recommended not fully tighten any clamps until the entire system has been installed. **Please note:** Cutting the Stock exhaust will be required for this installation. It is highly recommended that this procedure be done by a certified and trained professional using

Step 3: Using a visible ink; measure 11" inches back from the DPF (Diesel Particulate Filter) rear weld line and place a mark (As shown in Figure A). This is for all WB CONFIGURATIONS. The mark will indicate your cut location. Ensure the measurement is accurate and the mark is clearly visible

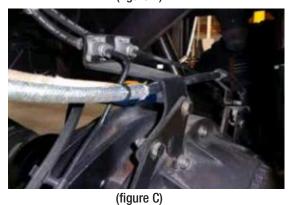
Step 4: Place Jack/stands under the stock exhaust for support when cutting. Remove NOx sensor or NOx sensor plug on stock exhaust, it Step 4: Place Jack/stands under the stock exhaust for support when cutting. Remove NOx sensor or NOx sensor plug on stock exhaust from the vehicle.
Step 5: Install front pipe 05-44829. This tube may require additional cutting. See, wheelbase & bed configuration of your vehicle
EC/SB, 6.6ft Bed, 143.5" Wheelbase.....Mid-Pipe (05-44829) will not be used for this model
CC/SB, 6.6ft Bed, 153.7" Wheelbase.....Cut approx. 13.5" off
EC/LB, 8ft Bed, 158.1" Wheelbase..... Cut approx. 9" off
CC/LB, 8ft Bed, 167.7" Wheelbase..... No cutting required for this model
Step 6: Install Y-pipe tube onto mid-pipe and into stock hanger location.
Step 7: Install right side tail-pipe onto Y-pipe. Slip hanger into stock location.
Step 8: Install hanger bracket 05-41468 on left side (As shown in Figure B).
Step 9: Install left side tail-pipe onto Y-pipe. Slip hanger into hanger bracket with rubber isolation mount provided.
Step 10: Begin to align all exhaust components and fully tighten down all band clamps.
Step 11: Spare tire clearance. Slightly loosen the spare tire so it hangs from the bed. Position the spare tire in the center of the

Step 11: Spare tire clearance. Slightly loosen the spare tire so it hangs from the bed. Position the spare tire in the center of the two tailpipes. Tighten the spare tire into position locking it place.

- **Step 12: Parking & brake line clearance.** For additional clearance remove the brake line bracket attached to the rear differential cover. Position the emergency brake line behind the bracket. Re-attach the brake line bracket to the housing. Bend the brake line bracket back so it changes the angle of the hoses. This will create additional clearance from the exhaust. (See figure C below).
- **Step 13: Heat shield adhesive.** To further secure and create additional clearance, combine the brake lines together using a 4" x 12" strip of heat shield adhesive. Wrap it around the two brake lines together on the driver-side. Zip tie over the adhesive on each end when completed. With the 2" x 12" strip of adhesive wrap it around the parking brake line and zip tie on each end and to secure the wrap. (See figure D).
- **Step 14:** Install tips to desired position. Fully tighten down tip band clamps.
- **Step 15:** Install NOx sensor (3500HD) or NOx Sensor plug (2500HD) and carefully tighten down. Make sure to double check all your work.
- **Step 16:** Your installation is now complete. It is recommended to re-tighten all exhaust components after 50-100 miles.



(figure A)





(figure B)



(figure D)

NOTES:

aFe recommends that the tail-pipe be at least 1/2"-1" away from any body panels to avoid heat related body damage. Tighten and secure.

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.