



# INSTALLATION INSTRUCTIONS

MAKE: FORD

MODEL: POWER STROKE

YEAR: 1994-1997

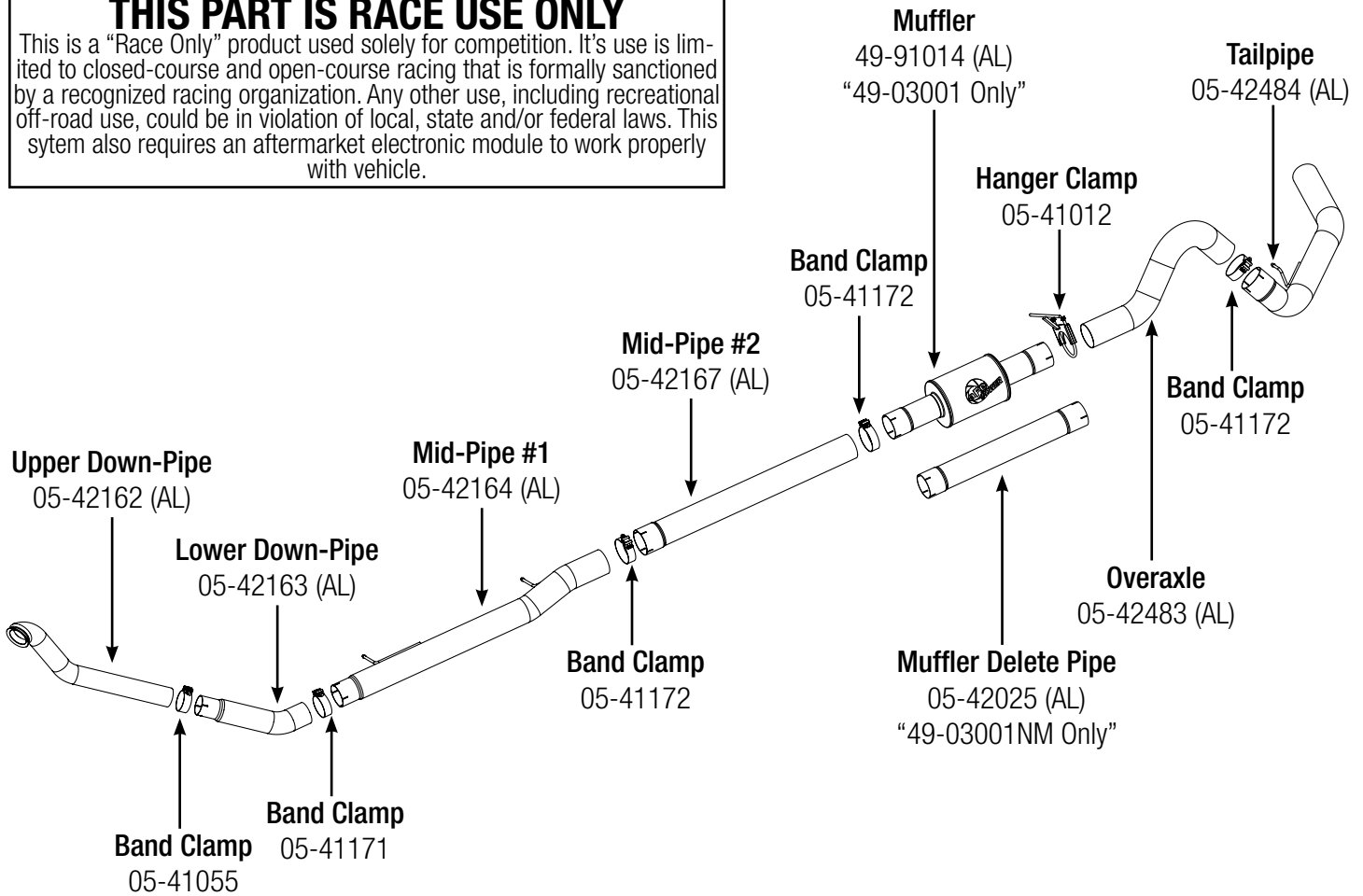
ENGINE: V8-7.3L (td)

FITS: Auto Transmissions 4x2 & 4x4 Only

**4" Down-Pipe Back**  
**49-03001 (w/ Muffler)**  
**49-03001NM (w/o Muffler)**

## THIS PART IS RACE USE ONLY

This is a "Race Only" product used solely for competition. It's 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/or federal laws. This system also requires an aftermarket electronic module to work properly with vehicle.



- Step 1: (Read Instructions prior to installation)** Remove the stock exhaust down-pipe: A) Remove transmission dipstick and upper dipstick tube (13mm behind cylinder head). B) Disconnect transmission cooler line near dipstick tube and cap-off to prevent dirt entry. Remove spring clips holding both cooler lines together and flex the line out of the way. C) Remove the band clamp at the turbo. D) Place a jack under transmission tail shaft or transfer case. E) The down-pipe can be removed by raising and lowering the rear of the transmission while twisting the down-pipe and wiggling free. It may be necessary to loosen and rotate or remove the right bank exhaust crossover tube for extra clearance. **It is recommended to not fully tighten the clamps until the entire system has been installed.**
- Step 2:** Installation of aFe upper down-pipe: A) The sheet metal pinch seam at the lower firewall needs to be flattened for down-pipe clearance. This can be done by using the spreader wedge attachment on a hydraulic hand pump porta-power kit. These are available at most tool rental shops. Use extreme caution to prevent transmission case breakage. This can also be done with hand tools such as locking pliers but the heat shield must be removed to access. B) Install the upper turbo down-pipe from below. It may be necessary to raise or lower transmission tail for clearance. C) Attach the turbo band clamp to the down-pipe but do not fully tighten. D) Raise or lower the rear of the transmission and install the crossmember.
- Step 3:** Install the down-pipe first, then install the front mid-pipe. Fasten the clamp onto the slip joint.
- Step 4:** Install the tailpipe/overaxle. Use the factory isolation mounts.
- Step 5:** Now with the tailpipe/overaxle in place, fasten the muffler ("49-03001 only") or muffler delete pipe ("49-03001 only") using the two clamps indicated. **Do not fully tighten.**
- Step 6:** Next install the mid-pipe extension. The mid-pipe extension will need to be shortened for different wheelbases (trim the muffler end, do not cut the expanded slip-over end).
- Step 7:** Reattach the transmission cooler line, upper dipstick tube, dipstick and tighten the exhaust crossover tube if loosened.
- Step 8:** Now make sure to tighten all clamps from front to rear. Adjust for alignment and tighten all connections. Your installation is now complete. It is recommended to re-tighten all exhaust components after the first 50-100 miles.

### NOTES:

- aFe recommends that the tailpipe be at least 1/2"-1" away from any body panels to avoid heat related body damage. **Tighten and secure.**
- Rear mid-pipe tube will not need cutting if being installed on Crew Cab Long Bed. Other models: cut tube to length.

**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.**