

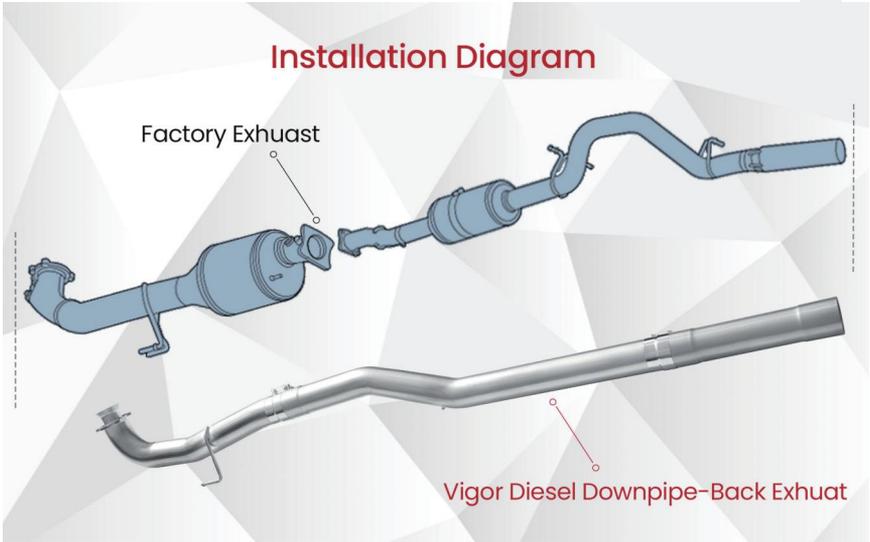


**2017-2023 Duramax L5P**

# **Race Pipe**

**Installation Manual**





## Special Precautions:

- (1) The exhaust system is associated with many sensors. The negative terminal of the battery "-" must be disconnected before disassembly.
- (2) The exhaust system is a high-temperature component. It needs to be fully cooled (about 30 minutes after the engine is turned off) before starting the operation.
- (3) Be careful to prevent burns.
- (4) The exhaust system is prone to rust. Be sure to spray rust remover (for example: WD-40) before disassembly to prevent the bolts from getting stuck.

## STEP 1

Disconnect the vehicle battery.

## STEP 2

Spray rust remover on the exhaust flange bolts and exhaust hook (let it sit for 10 minutes).

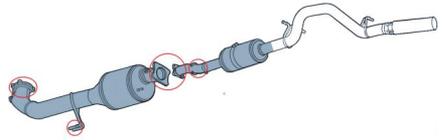


Image 1

## STEP 3

Remove the exhaust aftertreatment system sensor plugs and wiring harness clips (DOC, DPF, DEF, SCR).



Image 2



Image 3



Image 4



Image 5

## STEP 4

Remove the flange screws at the front of the DPF and the original exhaust hook.

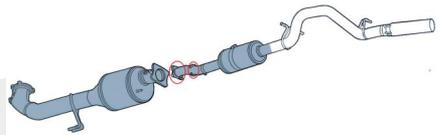


Image 6

## STEP 5

Use a saw to separate the DPF from the rear exhaust tailpipe and pull the DPF out toward the rear of the vehicle.

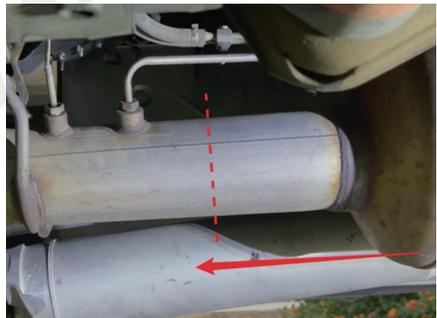


Image 7



Note: The cut must be at least X mm from the tailpipe sensor.

## STEP 6

Use a saw to separate the front end of the exhaust pipe from the CAT.

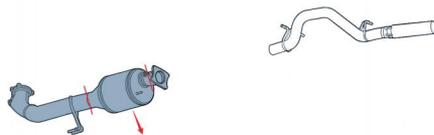


Image 8



Note: If you need to replace the OE fittings later, you can remove the crossmembers in front and behind the CAT and remove the remaining exhaust pipe (estimated to add 2 hours to the work).

## STEP 7

Loosen the bolts/clamps at the front of the exhaust aftertreatment system and remove the remaining exhaust system at the front.



Image 9



Image 10

## Install the Race Pipe:

### STEP 8

Install the race pipe front clamp.



Image 11



Image 12

### STEP 9

Connect the race pipe with the clamp. Install the straight pipe hooks at the front and middle sections of the pipe.

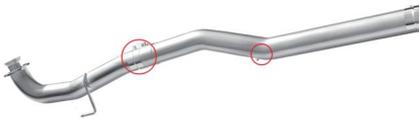


Image 13



Image 14



Note: Do not fully tighten the clamps at this step, as the exhaust outlet clearance will need to be adjusted later.

## STEP 10

Connect the race pipe to the remaining factory end using the clamps. Adjust the race pipe according to the wheelbase and pre-tighten the clamps.



Image 15



Note: Do not fully tighten the clamps at this step, as the exhaust outlet clearance will need to be adjusted later.

## STEP 11

Adjust the clamps from front to back and tighten.