



2011-2016 6.6 Duramax LML

Race Pipe

Installation Manual

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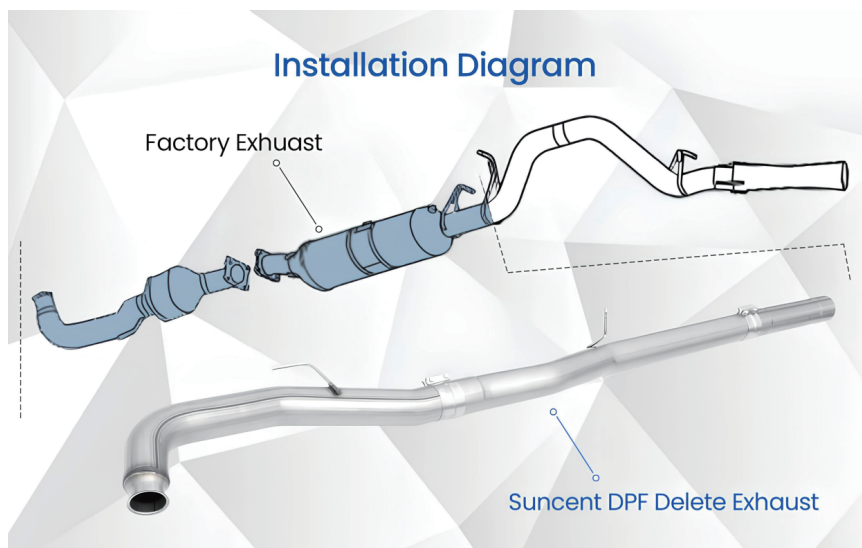
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Special Precautions:

- (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 the exhaust flange bolts and exhaust hooks with rust remover (let stand for 10 minutes).



Image 1



Image 2

STEP 3

Unplug the exhaust aftertreatment system sensor plug and harness fixing clip. (DOC\DP-F\DEF\SCR)



Image 3



Image 4

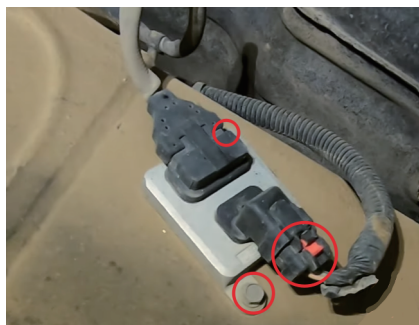


Image 5

STEP 4

Remove the DPF front bracket.



Image 6

STEP 5

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

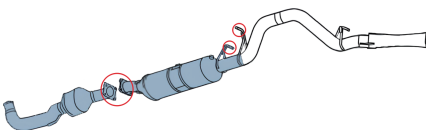


Image 7

STEP 6

Use a cutting saw to cut off the DPF and the rear exhaust tail pipe, and pull the DPF out toward the rear of the vehicle.

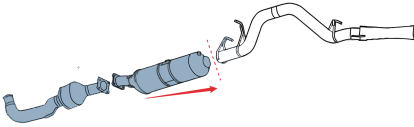


Image 8



Image 9

STEP 7

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



Image 10



Image 11



Note: There are two ways to connect the front section of the LML exhaust system (three-hole flange and V band clamp).

STEP 8

Install the Race Pipe front section clamp.



Image 12

STEP 9

Install the straight pipe hook.



Image 13

STEP 10

Connect the remaining part of the Race Pipe, adjust the Race Pipe according to the wheelbase, and pre-tighten the clamp.



Image 14



Note: Do not completely tighten the clamp in this step, but also adjust the exhaust outlet clearance.

STEP 11

Use the clamp to connect the Race Pipe to the remaining end of the original factory.



Image 15

STEP 12

Adjust the position of the clamp from front to back and tighten it.