



2017+ L5P Duramax Downpipe

Covers installation of PN: WCF100129

1. First, locate the packing list included with the kit and double check you have all items on the list.
2. **IMPORTANT!** This product features a fiberglass heat wrap. Wear gloves and eye protection when handling and during installation.
3. Disconnect the negative battery cables from both batteries.



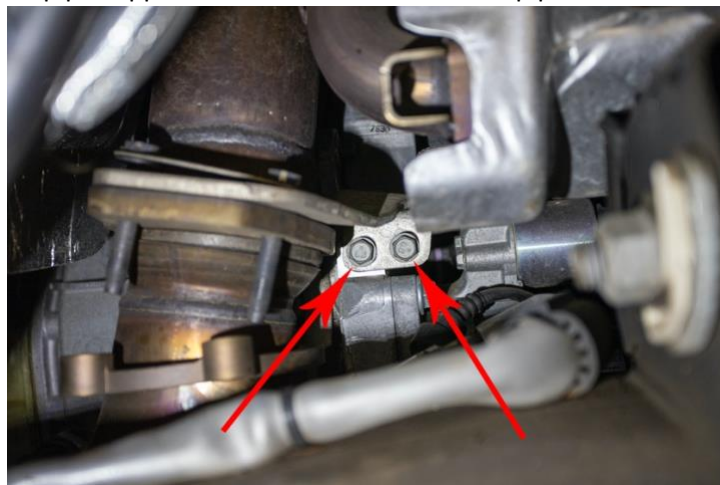
4. Remove the passenger side wheel and tire, inner fender liner.



5. Remove rear heat shield on passenger side exhaust manifold (3x 10mm bolts)
6. Remove front pipe of exhaust from down pipe (4x 15mm bolts)



7. Remove lower down pipe support bracket near where down pipe connects to exhaust system.



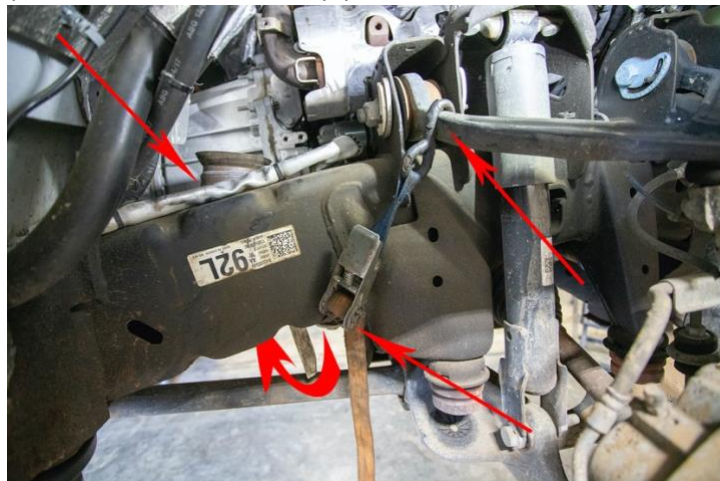
8. Remove lower down pipe support bracket which connects to engine block.



9. Remove upper down pipe support bracket which connects to the back of the cylinder head.



10. Remove front rubber exhaust hanger from exhaust system near transmission. This step allows the exhaust to drop to allow room for down pipe removal.



11. Ratchet strap placed around front of exhaust pipe near joint and wrapped under frame rail, and clipped at upper control arm may help provide leverage if needed to draw exhaust down and out of the way. Note: This image is for illustration purposes and was taken after the downpipe had already been removed.

12. Remove, inspect for damage, and keep the exhaust 'donut' style gasket used between the OEM down pipe and the exhaust. This will be re-used later on when you install your new down pipe. If your gasket has been damaged, contact your dealership to purchase a new part before continuing with your installation.
13. The following steps detail temporary removal of the EGR pipe to allow access to the V-band clamp at the top of the down pipe where it mates to the SCR.



14. Remove EGR Heat Shield.



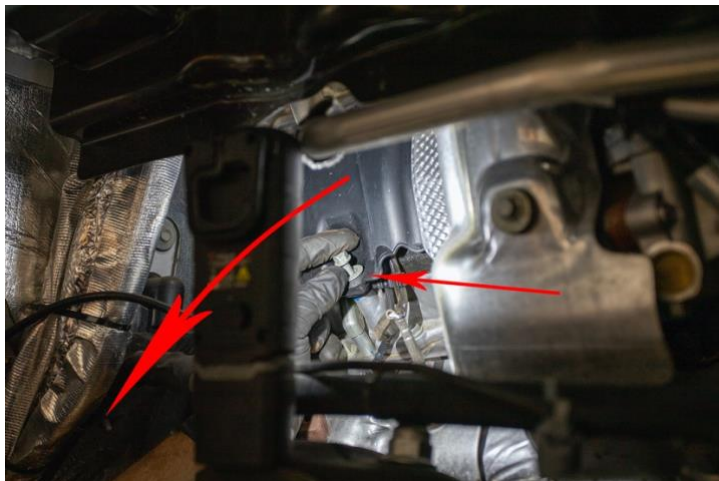
15. Remove EGR upper mounting bolts. There are two more bolts not visible in this picture where this pipe connects to the SCR under the cowl which also need to be taken out in order for the pipe to be completely free of the engine.



16. Unplug EGR Temp sensor.



17. Remove EGR Pipe and set aside being careful not to damage riveted on gaskets which will be needed for reinstallation later.



18. Remove sound insulator from passenger side rear valve cover.



19. Now you have access to remove the temp sensor from the down pipe.

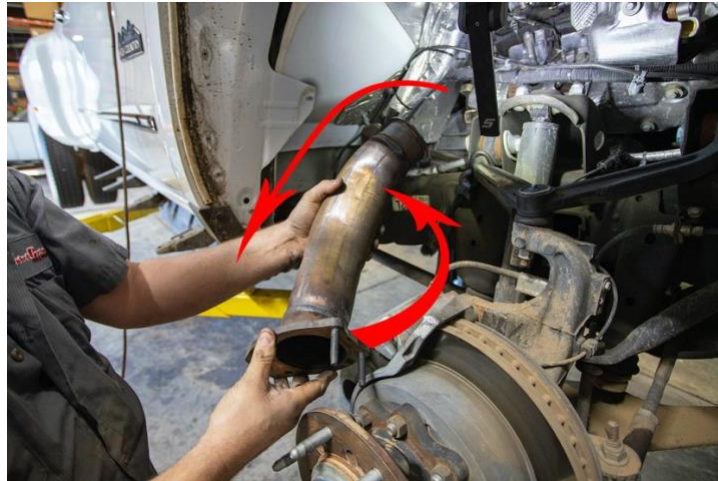


20. Remove top bracket from down pipe. There are no good sight lines to the bolts holding this part in but the items removed in the steps above will allow enough room for you to access this bracket through the passenger wheel opening and from the engine bay above.

21. Remove heat shield on SCR and temp sensor.



22. Loosen V-band clamp at inlet for downpipe. At this point your down pipe should be completely loose.



23. Rotate downpipe counter clockwise for removal out the passenger side.



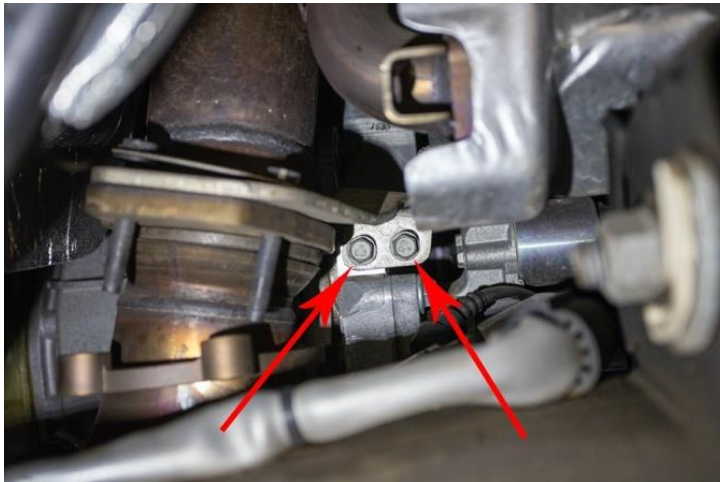
24. Reinstall downpipe temperature sensor taken from stock part.
25. Install new pipe back through the passenger side fenderwell.
26. Transfer saved exhaust 'donut' gasket from step 12 to allow your new down pipe to properly seal up to the rest of the exhaust system on re-assembly.



27. Tighten V-band clamp to hold pipe in place but do not fully tighten.



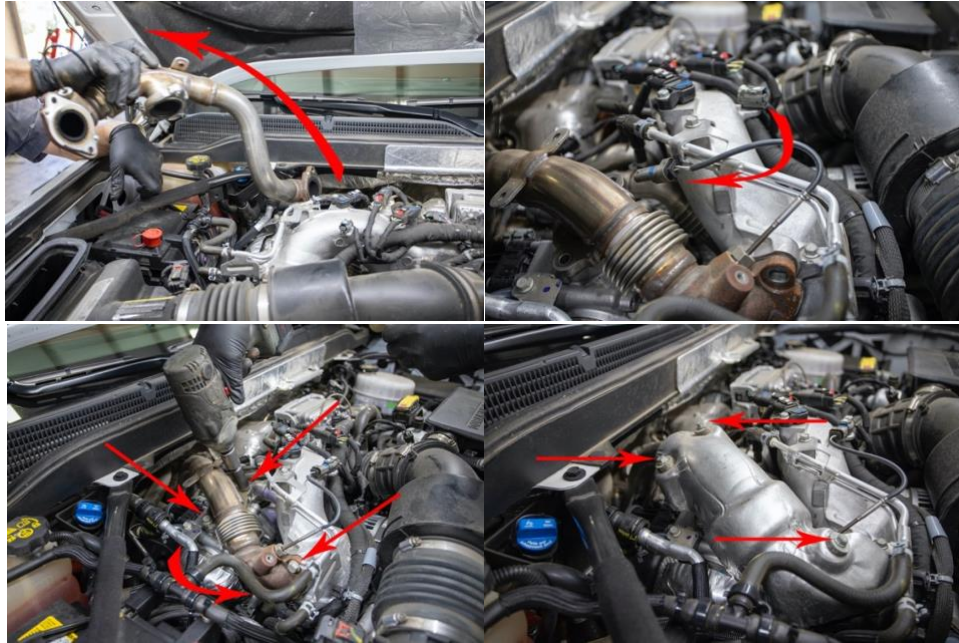
28. Reinstall upper downpipe bracket.



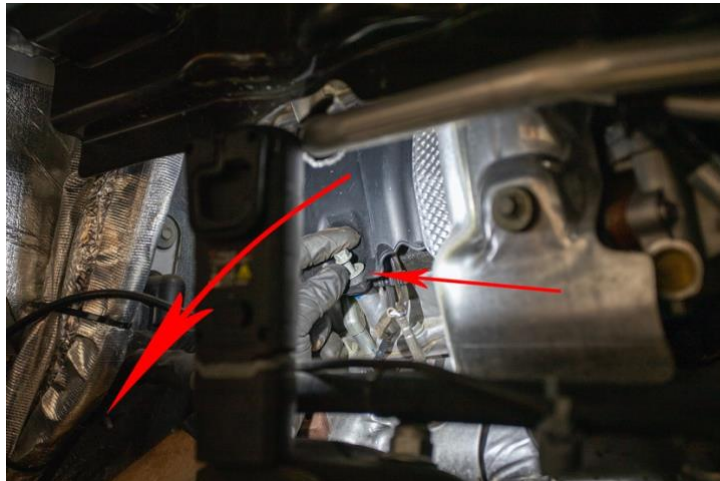
29. Reinstall lower downpipe bracket.

30. Fully tighten v-band clamp at the top of the down pipe and ensure that the connection is properly seated.

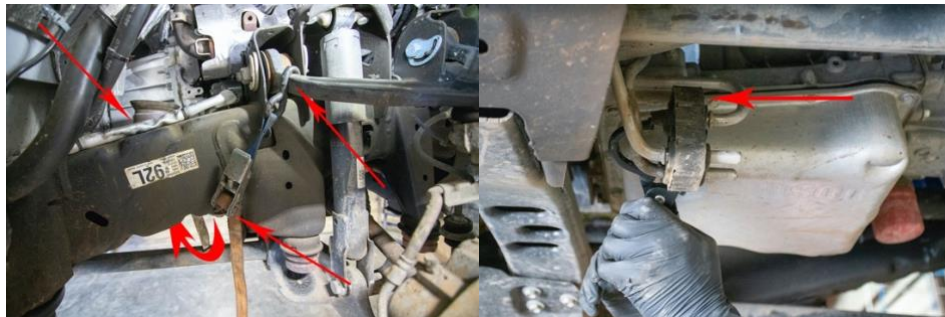
31. Reinstall temp sensor and heat shield onto SCR reversing removal steps outlined above.



32. Reinstall EGR pipe reversing removal steps outlined above.



33. Reinstall sound shield on valve cover reversing step outlined above.



34. Lift exhaust system back into place and reinstall exhaust hangar.



35. Reinstall lower v-band clamp to connect exhaust system to bottom of downpipe.



36. Reinstall rear heat shield on passenger side exhaust manifold (3x 10mm bolts)

37. Reinstall Fender Liner, wheel and tire.

38. Reconnect battery cables.

39. Start truck and check for any leaks after some idle time.

40. This part has been ceramic coated and may burn off oils during the first few drive cycles, especially during a regen which may result in unusual smoke / odors from the installation area on the truck. This is completely normal and will go away after the first few heat cycles of the part.

Any Questions, Comments, or Feedback?

Reach us by Email- Sales@wcfab.com

Or the shop phone- 630-277-8239

Thank you for purchasing from Wehrli Custom Fabrication!