

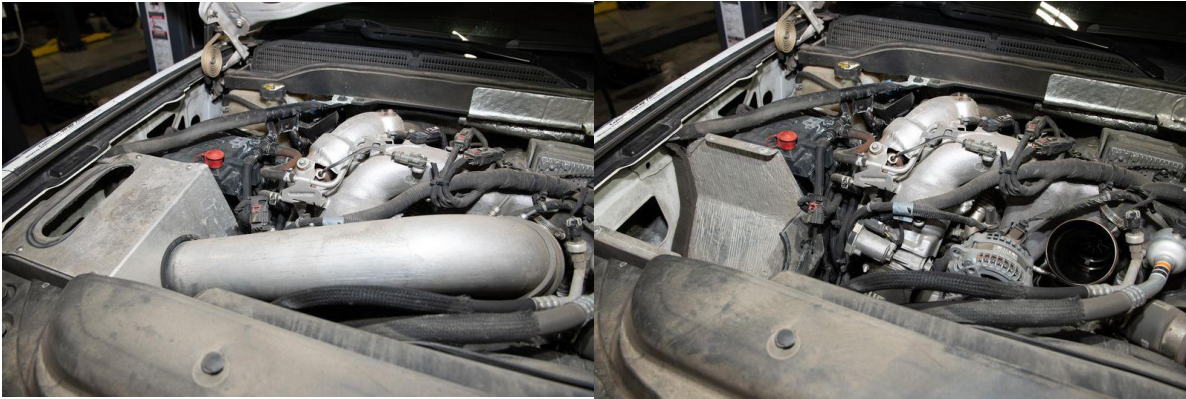


2017-2023 L5P Duramax Cast Turbo Pedestal Kit

Covers Installation of PN: WCF100185



1. Disconnect both batteries.
2. Remove intake and air box.



3. Disconnect wiring harness along Y-bridge.



4. Remove intake horn.



5. Remove/reposition serpentine belt out of the way.



6. Remove alternator and loosen/reposition the A/C compressor, then remove y-bridge by removing total of eight M10 bolts holding it to intake runners.



7. Remove coolant pipes and hoses to EGR.



8. Remove EGR cooler and heat shield from exhaust housing.



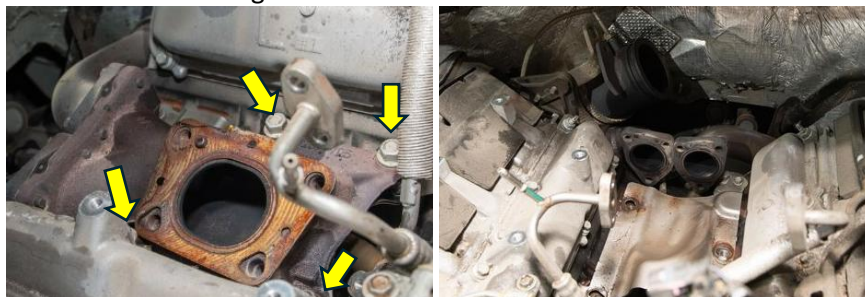
9. Driver side heat shield can be unbolted and removed to access the turbo clamp on Diesel Oxidation Catalyst or "DOC".
10. Remove driver side intercooler pipe boot, coolant lines and oil lines from the turbo. Then remove turbo pedestal bolts and clamp holding it to DOC to remove turbo from engine bay.



11. Remove the DOC from the down pipe connection and remove from engine bay.



12. Remove the six 13mm up pipe bolts from the turbo pedestal, then remove pedestal from engine once all four 15mm mounting bolts have been removed.



13. Clean up pipe flanges with scotch bright and/or a razor blade carefully to avoid gouging mounting surface.



14. Apply ARP lube to the supplied ARP up pipe hardware on threads and washer face. Set WCFab turbo pedestal into place and start all hardware into threads. Once everything is lined up, torque hardware to factory spec of 18lb-ft on up pipe and pedestal bolts.



15. Set "DOC" back in place and secure loosely to downpipe with factory clamp.



16. Set heat shield in place pushed to the side on the DOC
17. Set new turbo exhaust housing gasket in place on the pedestal and carefully set turbo in place making sure pedestal gasket stays on dowel and oil drain gasket does not get damaged



18. Ensure turbo is fully seated on two pedestal dowels and DOC is connected to exhaust housing
19. Install the supplied ARP turbo mounting hardware with lube applied to threads and washer face, then torque to 54 ft. lbs.



20. Tighten the DOC clamp at turbo then the down pipe and tighten downpipe bracket



21. Connect coolant and oil lines to turbo with the new gaskets and tighten to 89in-lb.



22. Reinstall EGR cooler



23. Reinstall second DOC heat shield



24. Install coolant lines to EGR cooler



25. Reinstall Y-bridge and torque to 18ft-lb.



26. Reinstall A/C compressor, alternator and serpentine belt



27. Reinstall intake horn and torque to 18ft-lb before connecting wiring harness clip back into place where needed



28. Reinstall air intake and airbox



29. Reconnect batteries, then top off cooling system and start engine. Run at idle for about 15 minutes to check for leaks and let air escape from the cooling system. Install the cap and test drive. **Please note you have to top off the cooling system a few times, as air may still be in the system.**

Any Questions, Comments, or Feedback?

Reach us by Email- Sales@wcfab.com

Or the shop phone- 630-277-8239

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