



PART NO. XD397

XDP 6.0L OIL COOLER FLUSH KIT

INSTALLATION MANUAL



CODE	DESCRIPTION	QTY
A	Oil Cooler Flush Adapter	1
B	O-ring	1
C	45° Brass Fitting	1
D	Garden Hose Adapter	1



BEFORE REMOVING ANY PARTS FROM YOUR TRUCK, PLEASE COMPARE THE ITEMS YOU HAVE RECEIVED WITH THE PACKING LIST PROVIDED TO VERIFY THAT YOU HAVE EVERYTHING NECESSARY TO INSTALL YOUR NEW XDP 6.0L OIL COOLER FLUSH KIT.

T30 Torx Bit

11mm socket or wrench

Drain Pan/Bucket



BEFORE YOU BEGIN! Ensure that the vehicle has not been in use and that the engine is cool to the touch. Always wear eye protection when working on any vehicle.

- 1 With the engine cool, drain the cooling system completely. (Figure 1) Once the cooling system is completely drained, remove the passenger side intercooler pipe. (Figure 2)
- 2 Remove the rear coolant manifold cover from the top of the oil cooler housing by removing the two T30 torx head bolts. (Figure 3)
- 3 Ensure the surface is clean and proceed to install the oil cooler flush adapter with the supplied o-ring, and the two T30 Torx head bolts. **NOTE: DO NOT** over tighten the bolts as it may cause the adapter to crack. If there is a slight gap between the Oil Cooler Flush Adapter and the oil cooler housing this is normal as the smaller o-ring inside the adapter is going to seal the adapter to the oil cooler. (Figure 4)
- 4 Thread the 45° brass adapter into the oil cooler flush adapter, then thread the garden hose adapter to the 45° brass adapter. (Figure 5)
- 5 Remove the lower radiator hose from the radiator and place a large drain pan/bucket below the disconnected end of the lower radiator hose.
- 6 Connect a garden hose to the supplied garden hose adapter and perform a flush until the water coming out of the lower radiator hose is running clear.
- 7 In order to remove all sediment from the system and prevent future clogging it is recommended to completely flush the engine block, radiator, and heater core. We also recommend running a coolant filtration system such as our XD143 XDP Coolant Filtration System if one is not already installed.

- 8 Once the cooler flush is complete reconnect the lower radiator hose to the radiator. The garden hose adapter, and 45* brass fitting can be removed from the oil cooler flush adapter.
- 9 Remove the two T30 Torx head bolts from the oil cooler flush adapter so the adapter and o-ring can be removed and the OEM rear coolant manifold cover can be reinstalled.
- 10 Reinstall the passenger side intercooler pipe and then refill the engine with coolant and be sure to bleed the cooling system to remove any air, and check for any leaks.
- 11 Run the vehicle under load and compare engine and coolant temperature to verify the oil cooler is restored back to its full function.

***NOTE:** The XDP 6.0L Oil Cooler Flush Kit is ONLY intended to be used as a service tool. It cannot be permanently installed to the vehicle as it will block coolant flow.



FIGURE 1



FIGURE 2

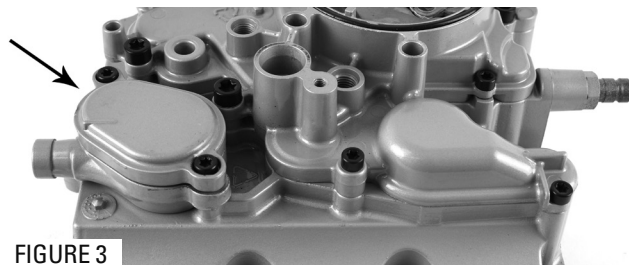


FIGURE 3

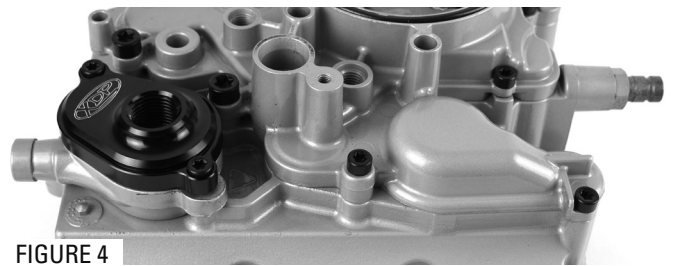


FIGURE 4

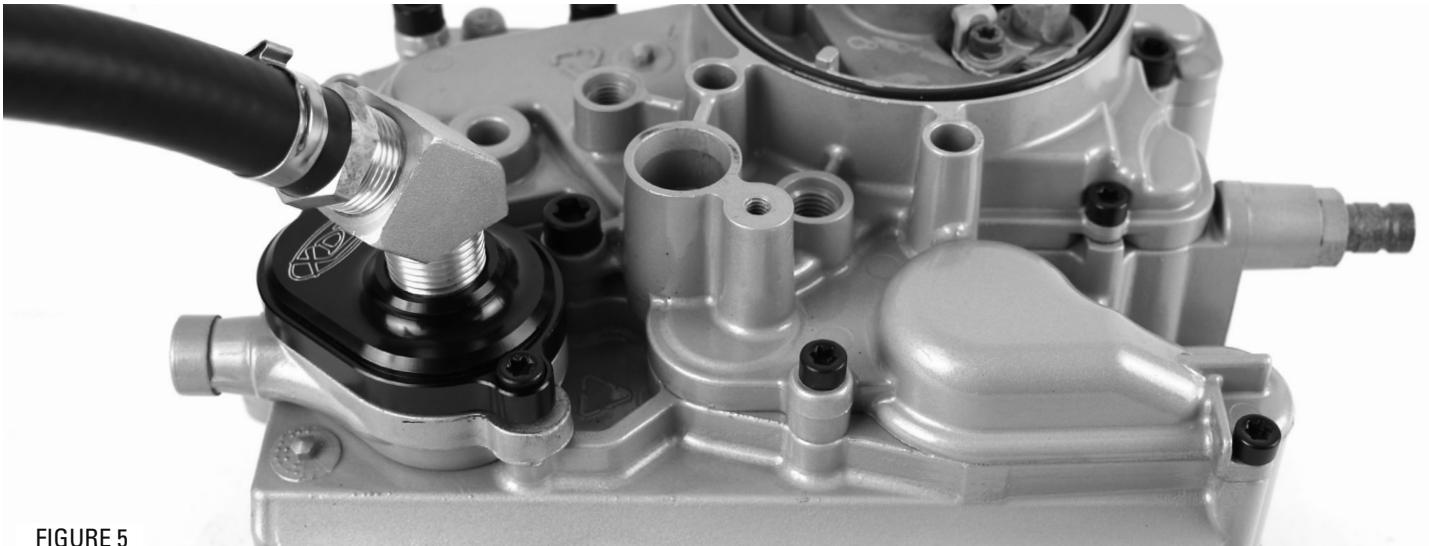


FIGURE 5



ADVANCED INSTALLATION INSTRUCTIONS

VISIT XTREMEDIESEL.COM TO VIEW THE ADVANCED INSTALLATION MANUAL FOR THE XD397 XDP 6.0L OIL COOLER FLUSH KIT.