



PART NO. XD402

XDP X-TRA COOL DIRECT-FIT HD INTERCOOLER

INSTALLATION MANUAL



X D 4 0 2

XDP X-TRA COOL DIRECT-FIT HD INTERCOOLER

THANK YOU for purchasing your new XDP X-TRA Cool Direct-Fit HD Intercooler. If at any time you need additional assistance with installation or have questions or comments, please call our technical support department at 1-888-343-7354. You can also take advantage of our live chat at www.xtremediesel.com and connect with an XDP Performance Specialist. We hope you enjoy your new XDP X-TRA Cool Direct-Fit HD Intercooler and we thank you for your continued support.

PACKING LIST

CODE	DESCRIPTION	QTY
A	X-TRA Cool Direct-Fit HD Intercooler	1
B		
C		
D		
E		
F		

CODE	DESCRIPTION	QTY
G		
H		
I		
J		
K		
L		

IF ANY COMPONENTS ARE MISSING, PLEASE CALL OUR TECHNICAL SUPPORT DEPARTMENT PRIOR TO INSTALLATION AT 1-888-343-7354.

REQUIRED TOOLS

10mm Socket / Wrench
Push Pin Tool
13mm Socket / Wrench

Pliers
Pick

13mm Socket / Wrench
Fan Clutch Tool



WARRANTY INFORMATION

Products manufactured by XDP carry a 1-Year warranty against defects in materials and craftsmanship. The Warranty is Limited to one (1) year from the date of sale and limited solely to the parts contained within the product's kit.



BEFORE YOU BEGIN! 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 X-TRA Cool Direct-Fit HD Intercooler. 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 Make sure your truck is turned off, engine is cool, and it cannot be started.

2 Remove air intake box assembly.

3 Remove both driver and passenger side inner fender wells by removing pushpin clips. (Figure 1)



4 Using a 11mm deep socket or wrench, loosen the clamps on the driver side intercooler pipe that connects from the turbocharger, to the intercooler. Once all of the clamps are loose, remove the intercooler pipe and boots from the vehicle.

5 Remove passenger side charge pipe from intercooler connection to intake manifold by using a pick tool and removing set clip then gently twist and pull connection apart and remove and set aside. (Figure 2)



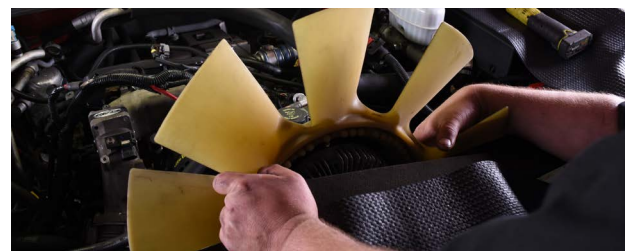
6 Remove the upper fan shroud by using a 13mm wrench to remove the two bolts holding the fan shroud to the radiator support. (Figure 3)



7 Remove one push pin for the TCM and 4 push pins that hold the upper and lower shroud together. Once unclipped pull upwards and set aside.

8 Remove the three mounting bolts for the clutch fan cage using a 13mm wrench or socket.

9 Remove the fan clutch by using a fan clutch tool. (Figure 4)



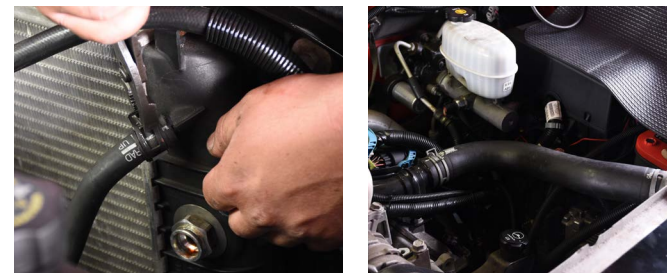
10 Remove the four bolts holding the radiator to the intercooler using a 13mm socket or wrench. (Figure 5)



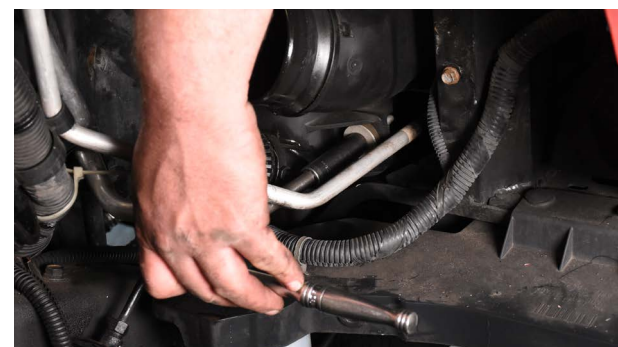
11 Drain coolant into a large drain pan or bucket by removing the lower radiator hose from the radiator, or the engine.

12 Remove clips from transmission lines.

13 Remove both upper and lower radiator hoses. (Figure 6 & 7)



14 Remove the four bolts securing the bracket for the air box tray and degas bottle from front core support using a 13mm socket/wrench. (Two are located on the bottom of the bracket, two are up top). (Figure 8)



15 While tilting radiator towards engine, pull up on the right side of the radiator and twist out. (Figure 9)



16 Remove the two bolts that secure the intercooler to the radiator support using a 13mm wrench or socket. (Figure 10)

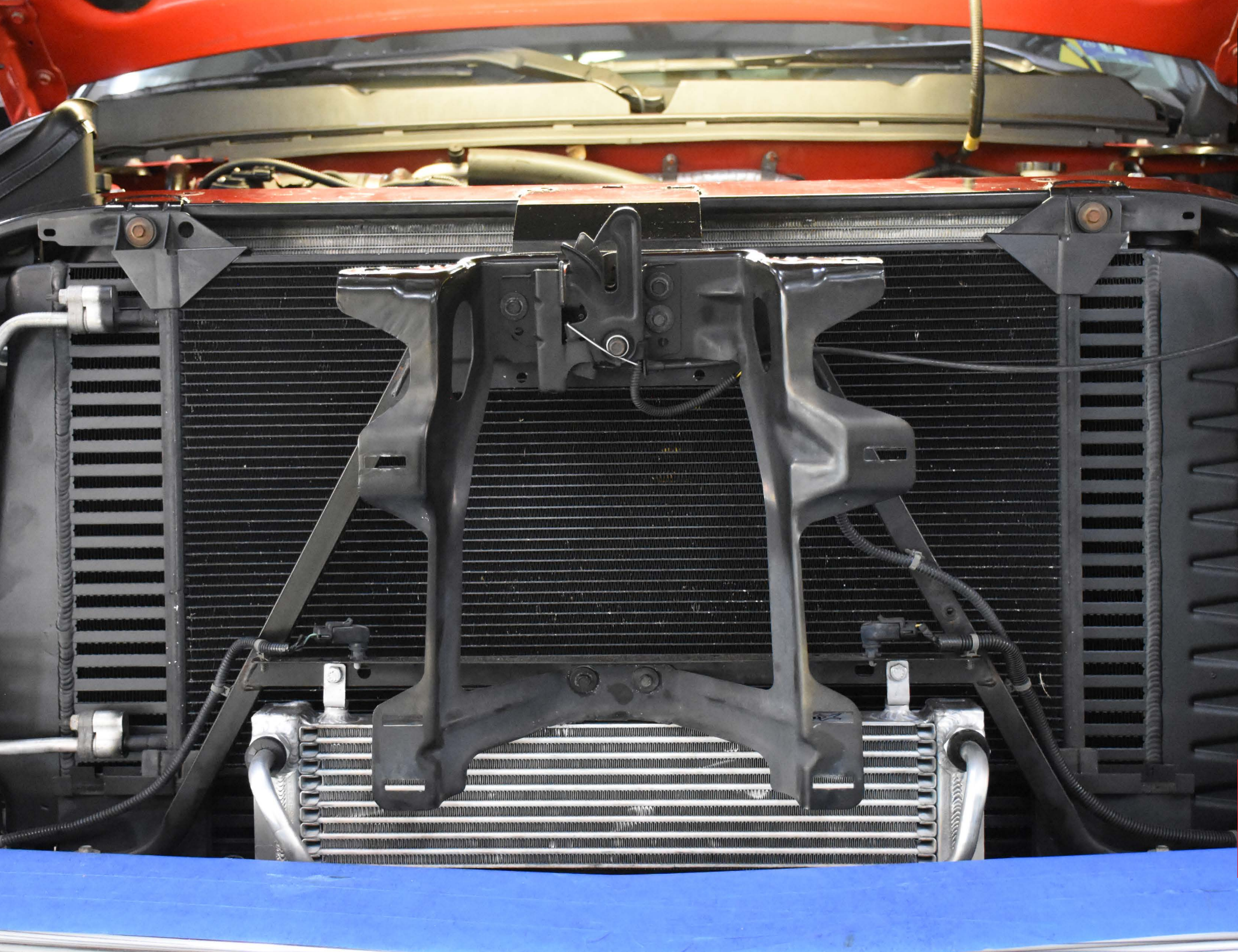


17 Remove the intercooler by tilting towards engine and twisting out of place. (Figure 11)



18 Install your new XDP X-TRA Cool Direct-Fit HD Intercooler, followed by reinstalling all other removed parts in reverse order. (Figure 12)





RELATED PARTS



PART NO. XD328

XDP DURAMAX RADIATOR COOLANT DRAIN PIPE

2006-2019 GM 6.6L DURAMAX



PART NO. XD332

XDP X-TRA COOL HIGH-PERFORMANCE COOLANT ADDITIVE

FOR ALL COOLING SYSTEMS, 16 OZ. BOTTLE (TREATS 16 QUARTS)



DON'T SEE WHAT YOU'RE LOOKING FOR?
VISIT WWW.XTREMEDIESEL.COM TO SHOP THOUSANDS
OF PARTS AND ACCESSORIES FOR YOUR DIESEL TRUCK.



FOR MORE INFORMATION CALL US AT 1-888-DIESEL-4 OR VISIT WWW.XDP.COM

V1 | 071218