



PART NO. XD351

# **XDP WRINKLE BLACK HD HIGH OUTPUT ALTERNATOR**

INSTALLATION MANUAL



X D 3 5 1

# XDP WRINKLE BLACK HD HIGH OUTPUT ALTERNATOR

**THANK YOU** for purchasing your new XDP Wrinkle Black HD High Output Alternator. 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](http://www.xtremediesel.com) and connect with an XDP Performance Specialist. We hope you enjoy your new XDP Wrinkle Black HD High Output Alternator and we thank you for your continued support.

## PACKING LIST

CODE	DESCRIPTION	QTY
A	XDP Wrinkle Black HD High Output Alternator	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

13mm Wrench Or Socket
Pry Bar

15mm Socket / Wrench
5/16" Socket / Wrench

10mm Socket / Wrench



## WARRANTY INFORMATION

Products manufactured by XDP carry a 2-Year warranty against defects in materials and craftsmanship. The Warranty is Limited to two (2) years 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 Wrinkle Black HD High Output Alternator. 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** Disconnect batteries.

**2** Using a 5/6" socket remove the air intake tubes from the air filter to the turbo inlet mouthpiece.

**3** Remove the upper fan shroud by using a 13mm wrench to remove the two bolts holding the fan shroud to the radiator support. (Figure 1)

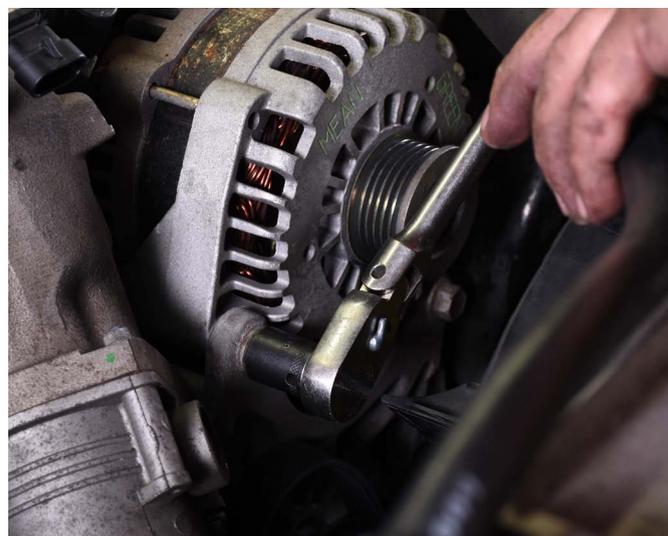


**4** Remove one push pin for the TCM and 4 push pins that hold the upper and lower shroud together. Once unclipped pull upwards and set aside.

**5** Using a 1/2" extension and ratchet, loosen the belt tensioner to remove the belt.

**6** Remove positive b+ terminal cable connecting to alternator with a 10mm wrench, then unplug connector and set aside.

**7** Using a 15mm wrench or socket remove the two mounting bolts that secure the alternator to the alternator bracket. (Figure 2)



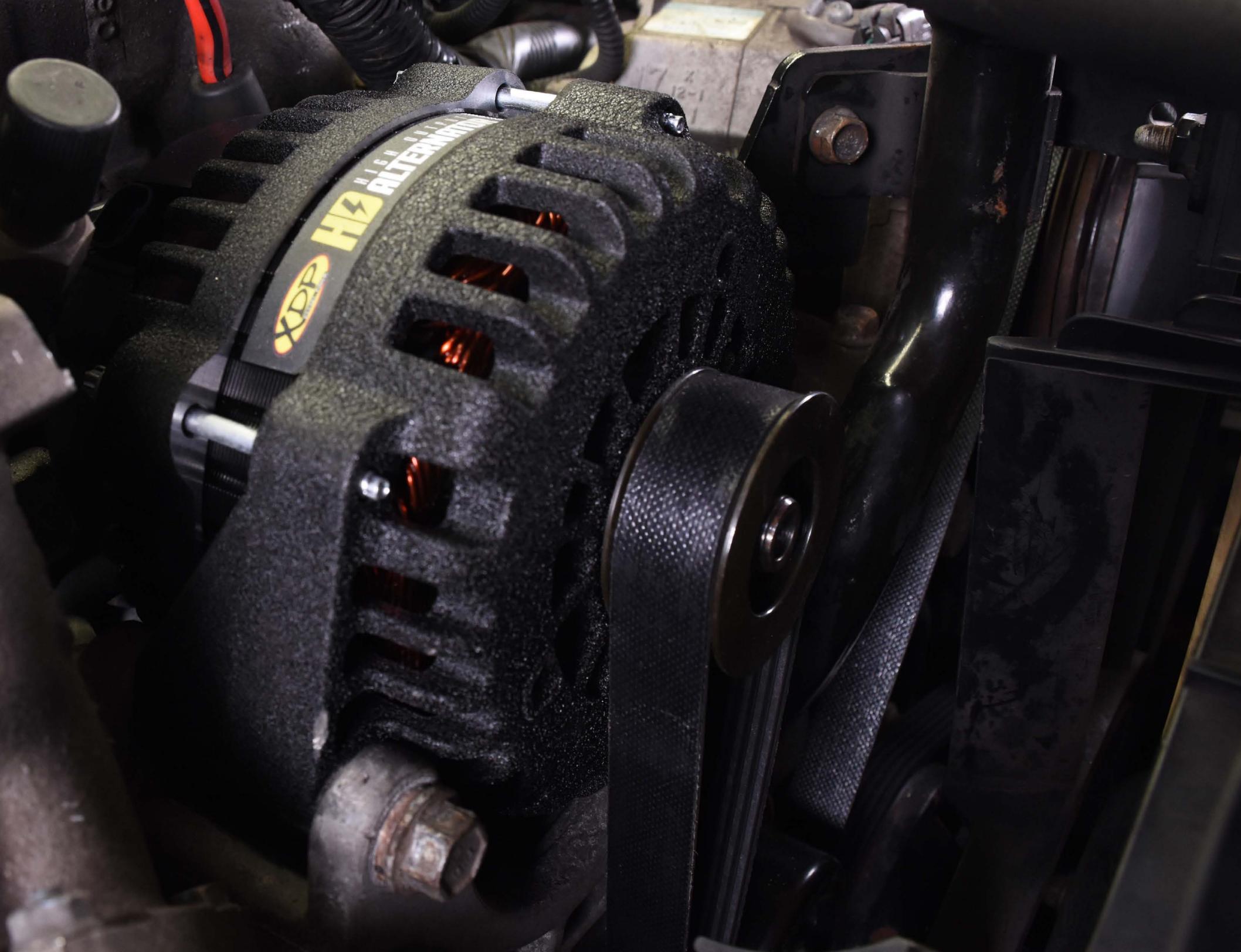
**8** Gently pry alternator in a side to side motion while pulling up out of place during removal of alternator. (Be careful as it is very easy to break the coolant temperature sensor located on the thermostat housing while doing this step). (Figure 3)



**9** Install the new XDP HD High Output Alternator in reverse steps of removing the OEM alternator. (Figure 4)



**Tech Tip-** For ease of new alternator installation lubricate the stainless steel bushings in the mounting ears of alt bracket.



## RELATED PARTS



PART NO. XD251

### **XDP WRINKLE BLACK HD GEAR REDUCTION STARTER**

2001-2019 GM 6.6L DURAMAX



PART NO. ODY0752-2020

### **ODYSSEY 48-720 PERFORMANCE SERIES AGM BATTERY - ODP-AGM48 H6 L3**

UNIVERSAL - GROUP 48, 723 CCA, AGM BATTERY



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