



PART NO. XD251

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

INSTALLATION MANUAL



X D 2 5 1

## XDP WRINKLE BLACK HD GEAR REDUCTION STARTER

**THANK YOU** for purchasing your new XDP Wrinkle Black HD Gear Reduction Starter. 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 Gear Reduction Starter and we thank you for your continued support.

### PACKING LIST

CODE	DESCRIPTION	QTY
A	XDP Wrinkle Black HD Gear Reduction Starter	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

5/16" Socket / Wrench
Push Pin Remover Tool

14mm Socket / Wrench

11mm Socket / Wrench



### 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.



# INSTRUCTIONS



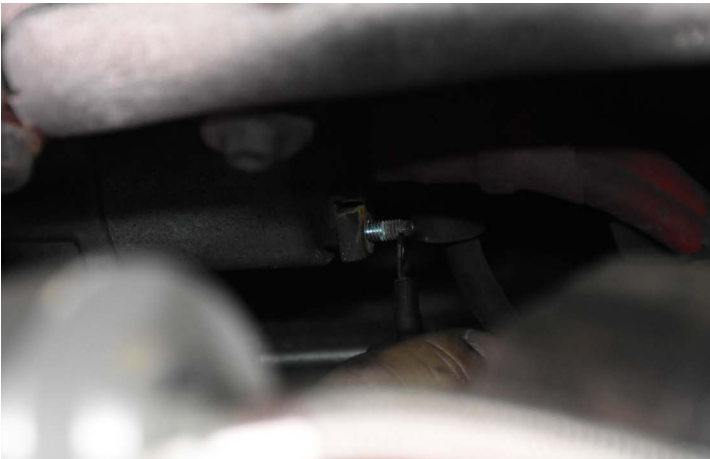
**BEFORE YOU BEGIN!** Before removing any parts from your truck, please compare the items you have received with the packing list provided to verify that you have everything necessary to install your new XDP Wrinkle Black HD Gear Reduction Starter. Ensure that the vehicle has not been in use and that the engine is cool to the touch. Always wear eye protection when working on any vehicle.

**1** Disconnect batteries.

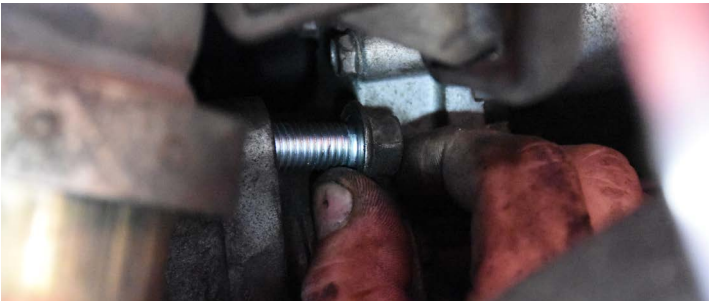
**2** Remove the passenger side inner fender well by removing the plastic push pins. (Figure 1)



**3** Disconnect terminals at starter using a 14mm socket for main b+ cable, then use a 5/16" socket or wrench on smaller terminal. Set aside for once removed. (Figure 2)

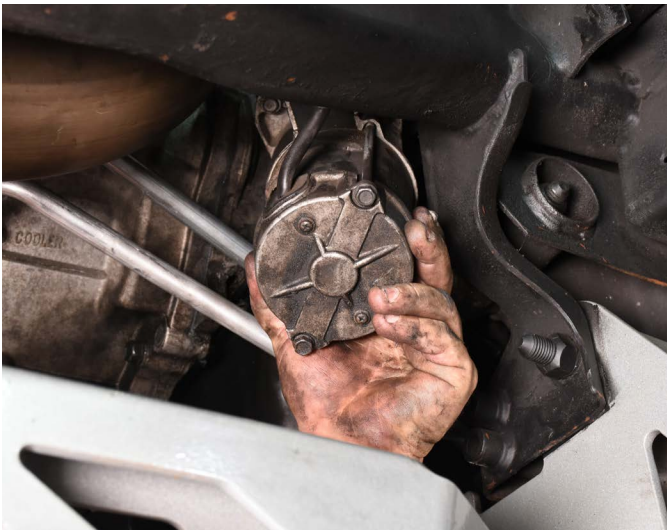


**4** Using a 15mm socket or wrench remove the two mounting bolts for the starter. (Figure 3)



**5** Remove starter from the vehicle. **NOTE:** If your vehicle is equipped with an aftermarket downpipe, it may be required to remove the downpipe to front pipe v-band clamp with an 11mm socket or wrench to allow you to pull back on the downpipe for clearance.

**6** The starter will come out from the bottom of the vehicle, twisting and turning the starter will allow it to slide out between the frame rail and exhaust. (Figure 4)



**7** Clean all hardware in preparation to reinstall your new XDP Wrinkle Black HD Gear Reduction Starter. We do suggest using low grade Loctite (blue).

**8** Install your new XDP Wrinkle Black HD Gear Reduction Starter and torque the mounting bolts to 58ft/lbs. After the mounting bolts are torqued you can proceed to reconnect cables to the starter and reconnect batteries. (Reconnect downpipe to exhaust if removed). (Figure 5)







## RELATED PARTS



PART NO. XD350

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

2011-2019 GM 6.6L DURAMAX



PART NO. XD355

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

2001-2007 GM 6.6L DURAMAX



PART NO. XD351

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

2007.5-2010 GM 6.6L DURAMAX LMM



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OF PARTS AND ACCESSORIES FOR YOUR DIESEL TRUCK.





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