



PART NO. XD305

6.7L INTERCOOLER PIPE UPGRADE

INSTALLATION MANUAL

CODE	DESCRIPTION	QTY
A	Billet Throttle Valve Adapter w/O-Ring	1
B	Stainless Intercooler Pipe	1
C	90 Degree 3"x 3" Silicone Boot	1
D	Straight Double Hump Silicone Boot	1
E	T-Bolt Clamps	4
F	Metal Locking Clip	1
G	1/4-20 Bolt	1
H	Washers	2
I	1/4-20 Nylon Lock Nut	1
J	Power Steering Reservoir Bracket	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 XDP 6.7L INTERCOOLER PIPE UPGRADE.



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

- 1 Disconnect the Intake Air Temp (IAT) sensor connector from the rear of your factory intercooler pipe.
- 2 Remove the T-bolt clamp at the factory intercooler connection.
- 3 Unbolt the power steering reservoir from the fan shroud using an 8mm socket. Move the power steering reservoir out of the factory mounting location and place it to the side.
- 4 Remove the large locking metal clip at factory throttle body connection and remove the factory intercooler pipe from the vehicle.
- 5 Release the IAT sensor locking tab and carefully twist it to remove the sensor from the factory intercooler pipe.
- 6 Using a supplied T-bolt clamp, loosely install the 90 degree silicone boot onto the intercooler outlet.
- 7 Install the XDP Billet Throttle Valve Adapter w/O-Ring onto your intake manifold using the supplied locking clip.
- 8 Install T-bolt on previously installed 90 degree silicone boot on intercooler and insert supplied intercooler pipe into boot. Do not tighten clamps yet.
- 9 Install the straight boot with two clamps connecting the throttle valve adapter and the intercooler pipe.
- 10 Once properly aligned tighten T-bolt clamps.
- 11 Install factory IAT sensor into port on new pipe. Reconnect wiring harness.
- 12 Re-install power steering reservoir with supplied bracket and hardware to relocate the power steering reservoir away from the new intercooler pipe.