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# **BD HD TRANSMISSION PAN**

## **2008+ Dodge Cummins 6.7L Diesels**

**Part# 1061525**

### **Installation Instructions**

*Please read all instructions before installation of this product.*

## KIT CONTENTS

1601525	1200208	1601613
Transmission Oil Pan	Temp Sensor Port Plug	Magnetic Drain Plug
		
<b>Qty: 1</b>	<b>Qty: 1</b>	<b>Qty: 1</b>
1601523	1601521	1601522
Pan Gasket	M6x1.0x25mm Stainless Bolt	M6 Stainless Washer
		
<b>Qty: 1</b>	<b>Qty: 15</b>	<b>Qty: 15</b>

## REQUIRED TOOLS & EQUIPMENT

- Approx. 11 Quarts of Automatic Transmission Fluid (ATF+4)
- 1 Can “Brake Clean” or equivalent
- 10mm socket wrench with driver
- 5mm Allen bit with 3/8” Ratchet
- Gasket Scraper

## TORQUE SPECIFICATIONS

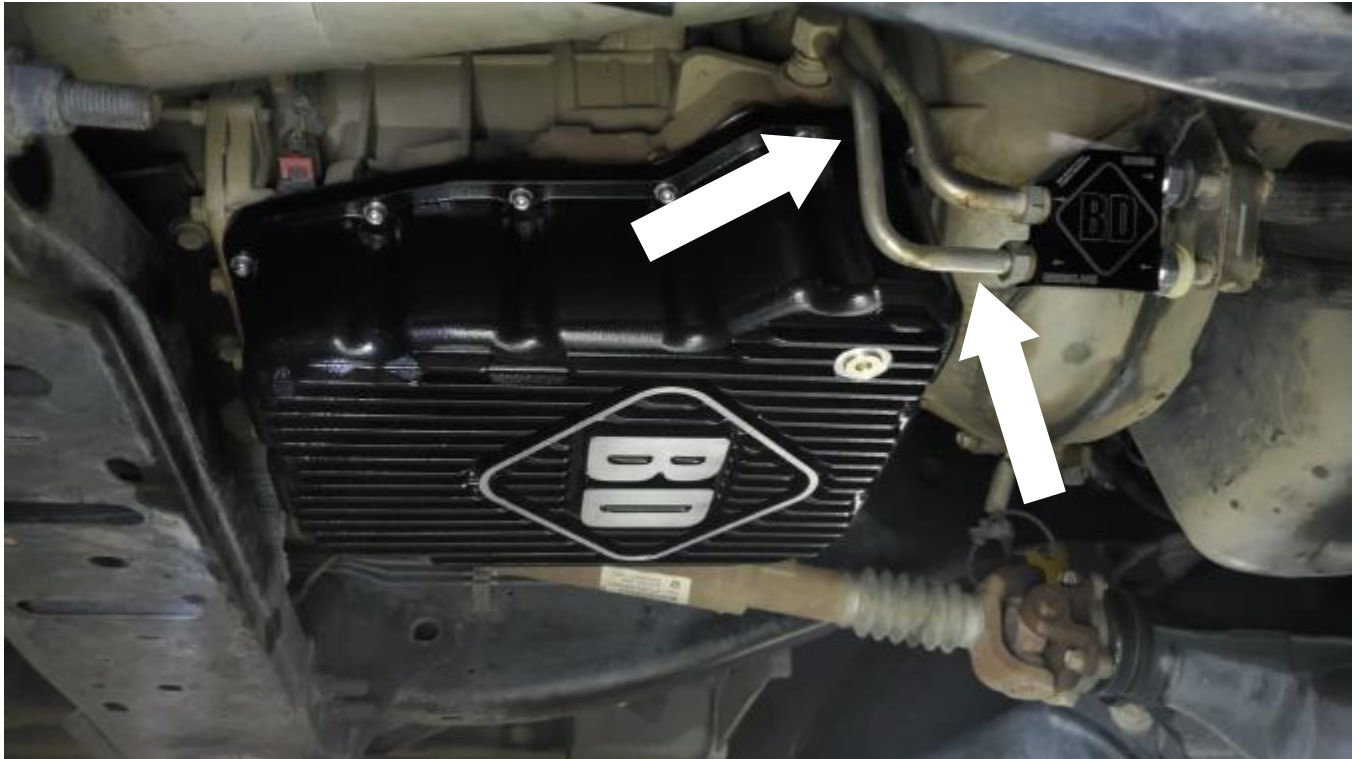
<b>Pan Bolts</b>	<b>105 lbs-in</b>
<b>Sensor Plug</b>	<b>12 lbs-ft</b>
<b>Pan Drain Plug</b>	<b>20 lbs-ft</b>

**NOTE:** Please use a torque wrench when installing any transmission component.

## **INSTALLATION**

- Park the vehicle on level ground with the transmission in park and the park brake applied. Use jack stands if the vehicle must be raised.
- Position a large clean drain pan below the transmission to prevent fluid loss.
- Remove the 15 (10mm Head) pan bolts from the stock transmission pan, starting at the rear of the transmission.
- Once all the pan bolts have been removed, drop the oil pan evenly to prevent spillage. If the pan seems to be stuck to the transmission case, lightly tap the side of the pan with a soft-faced mallet. **DO NOT PRY THE PAN FROM THE TRANSMISSION.**
- Carefully remove the existing pan gasket and silicone residue from the case using a gasket scraper (Gouging the case will result in oil leaks).
- Allow all the oil to drain out completely.
- Using a lint free rag, clean the gasket surface of the transmission case. The surface must be clean and flat to prevent gasket leakage.
- Inspect the transmission case mating surface for gouges, dents or cracks.
- Remove both existing filters. Install a new spin on filter, and replace the existing sump filter with the Dodge 4x4 filter (#5013470AC)
- Apply a thin coat of ATF+4 transmission oil to the magnetic drain plug o-ring. Install the plug using an 8mm Allen bit with a 3/8" ratchet and tighten to 20 lbs-ft. (Do not over tighten!)
- If a temperature sender is being used, install the probe into the temp sender port. If there is no sender being used, install the temp sensor port plug. Tighten to 12 lbs-ft.

- Install the gasket on the BD pan and align the bolt holes. Install the 15 pan bolts with washers until the bolts are finger tight. (**NOTE** On 2013 and newer vehicles the transmission cooler lines may need to be slightly re-shaped to clear the pan as displayed below)



- Using the 5mm Allen bit and ratchet, torque the pan bolts to 105 in-lbs in a crisscross pattern.
- Fill the transmission with ATF+4 fluid to the full line on the dipstick. You will need to add approximately 11 quarts of fluid when using the BD pan.
- Re-check the pan bolt torque after 3-4 warm-up and cool down cycles.

### ***Questions?***

If you have any technical difficulties, concerns, comments, or complaints, please phone our Technical Support hotline at (800) 887-5030 between 8:30am-5:00pm PST (Pacific Standard Time) Monday to Friday.