



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
		
Qty: 1	Qty: 1	Qty: 1

1601523	1601521	1601522
Pan Gasket	M6 x 1.0 Stainless Bolt	M6 Stainless Washer
		
Qty: 1	Qty: 15	Qty: 15

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

Pan Bolts	105 lbs-in
Sensor Plug	30 lbs-in
Pan Drain Plug	30 lbs-in

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, as well 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 30 lbs-in. (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 30 lbs-in.
- 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.
- Using the 5mm Allen bit and ratchet, torque the pan bolts to 105 in-lbs in a crisscross pattern.

BD Engine Brake Inc.

Plant Address: Unit A10, 33733 King Rd, Abbotsford, BC, Canada V2S 7M9

U.S. Shipping Address: 88-446 Harrison St, Sumas, WA 98295 U.S. Mailing Address: P.O. Box 231, Sumas, WA 98295

Phone: 604-853-6096 Fax: 604-853-8749 Internet: www.bd-power.com

- Fill the transmission with ATF+4 fluid to the full line on the dipstick. You will need to approximately 11 quarts of fluid with 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, or post a message on the BD Discussion Forums located at:

<http://bd-power.com/forum/>



Visit our Internet forums at <http://www.dieselperformance.com> and share your comments or technical support questions with some of the industry's leading experts in the diesel field.

BD Engine Brake Inc.

Plant Address: Unit A10, 33733 King Rd, Abbotsford, BC, Canada V2S 7M9

U.S. Shipping Address: 88-446 Harrison St, Sumas, WA 98295 U.S. Mailing Address: P.O. Box 231, Sumas, WA 98295

Phone: 604-853-6096 Fax: 604-853-8749 Internet: www.bd-power.com