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FORD DIFFERENTIAL COVER KIT
***1986-2016 Ford F250/F350 Series
SRW (Sterling 10.5 differential)***

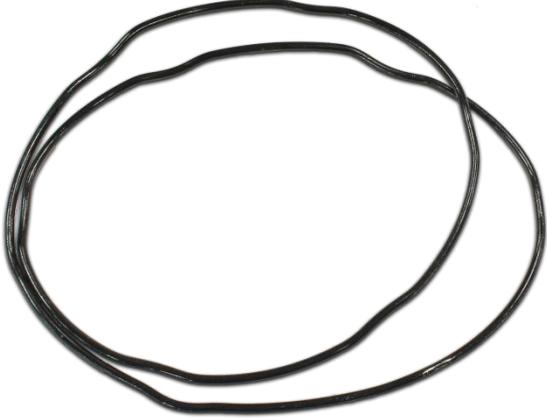
Part #: 1061830

PLEASE READ ALL INSTRUCTIONS BEFORE INSTALLATION

KIT CONTENTS:

Please check to make sure that you have all the parts listed in this kit **before** you start the disassembly of your truck.

Ford F250 / F350 Series

1601830		1601831	
			
Differential cover		Oring Gasket	
QTY: 1		Qty: 1	
1601513	1601512	1601613	
			
Bolt 5/16-18 X 1 1/8" L	Washer 5/16"	Drain Plug 3/4-16	
Qty: 12	Qty: 12	Qty: 1	

BD Engine Brake Inc.

Plant Address: 33541 MacLure Rd. Abbotsford, BC, Canada V2S 7W2

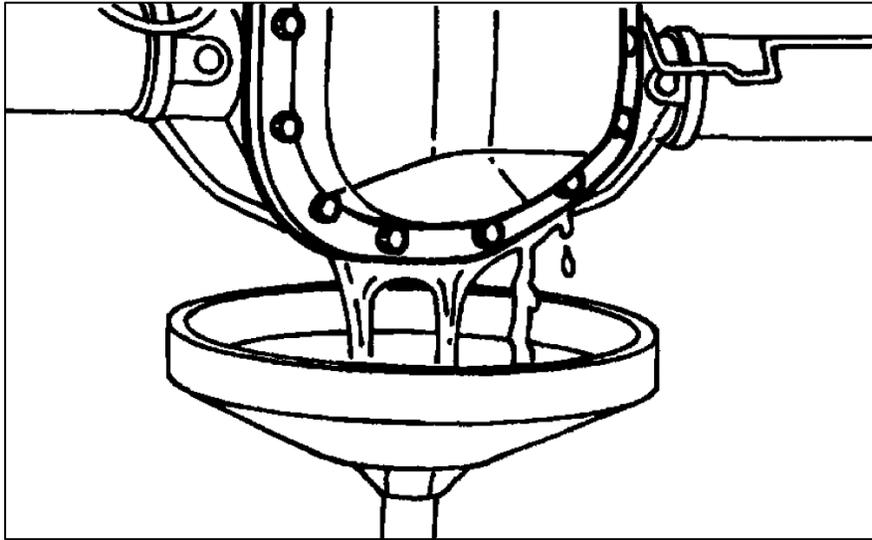
U.S. Shipping Address: 88-446 Harrison St, Sumas, WA 98295 U.S. Mailing Address: P.O. Box 231, Sumas, WA 98295

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

Removal



Ensure the vehicle is secure on a hoist or using wheel chocks to prevent rolling and apply the parking brake. Do not install this cover on ground that is not level. Ensure differential fluid is cool before starting this removal/ installation procedure.



1. Place a drain pan under the differential.
2. Using a 1/2" socket remove all bolts starting at the bottom. Do not remove the **top bolt**.
3. Loosen the top bolt half way, this will prevent the cover from falling once you pry the cover from the housing (ensure not to damage the housing when scraping off the silicone sealant from the differential housing).
4. Once the cover is free remove top bolt / cover and clean the gasket surface.

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Installation



DRAIN PLUG

1. Install the drain plug into the BD diff cover (8mm Allen Wrench). Do not overtighten.
2. Apply a thin layer of oil to the supplied oring gasket then install the oring gasket into the gasket groove on the BD diff cover, use care not to twist or roll the oring when placing into the groove to ensure a good seal.
3. Check differential housing gasket surface for irregularities and remove high spots if required. Surface must be flat and clean.
4. Using the supplied bolts and washers fasten the BD diff cover to the housing and tighten finger tight starting from the top (6mm Allen Wrench).
5. Once all bolts are finger tight torque to 24ft/lbs in a cross pattern.
6. Fill differential with manufacturer specified gear oil to approximately 3.9L following manufacturer filling procedures.

Some differentials may require special additives, please check your owner's manual before filling the differential.

Drive at least 50 kms (31 miles) then re-torque bolts to 30 ft/lbs and ensure there are no leaks. Installation is complete.

Thank you for purchasing BD product 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.

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