



TM

ICON VEHICLE DYNAMICS

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Instruction Sheet:

Part No. 3-37

Carrier Bearing Drop Kit

1999-2007 Ford Super Duty F250/F350 4WD

Enclosed Parts List:

(2) 1/2" X 3 1/2" BOLT, GR. 8	(2) 1/2" NYLOCK NUT
(4) 7 3/4" x 1 1/2" x 0.188"	(4) 1/2" WASHER, GR. 8
Spacer	(2) 1/2" X 2 1/2" BOLT, GR. 8
(4) 7 3/4" x 1 1/2" x 0.25"	
Spacer	

****READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!**

***Warning!* Icon Vehicle Dynamics recommends that you exercise extreme caution when working under a vehicle that is supported with jack stands.**

THIS KIT CAN ONLY BE USED ON TRUCKS EQUIPPED WITH 2-PIECE DRIVE SHAFTS.

INSTALLATION INSTRUCTIONS:

1. Make sure the truck is sitting on level ground. With the front and rear tires blocked, set the emergency brake and place the truck in neutral.
2. Remove the two bolts securing the drive shaft carrier bearing to the frame cross member. **SUPPORT THE DRIVE SHAFT WITH ROPE OR A STRAP, DO NOT LET IT HANG WITHOUT SUPPORT.**
3. Determine the amount of shims necessary for the amount of suspension lift installed. For a 4.5" lift you will start with 1" worth of shims and the 2 1/2" bolts. For 6" of lift you will start with 1 1/4" worth of shims and the 2 1/2" bolts. For 8" of lift use all the supplied shims and 3 1/2" bolts.
4. Place the shims in between the carrier bearing and frame. Place lock washer, followed by a flat washer on each bolt and insert them through the carrier bearing and shims, into the frame inserts. Fully torque all hardware to 30 ft/lbs.
5. After driving the vehicle, small adjustments can be made by adding or removing shims until the vibration is reduced or eliminated. If shims are added, be sure to use the proper bolt length to ensure that there is full thread engagement into the frame inserts. Because of the added leverage induced by larger tires and lift systems, all driveline vibrations cannot be completely eliminated.

Icon Vehicle Dynamics LIMITED LIFETIME WARRANTY

Icon Vehicle Dynamics warrants to the original retail purchaser who owns the vehicle on which the product was originally installed. *Icon Vehicle Dynamics* does not warrant the product for finish, alterations, modifications and/or installation contrary to *Icon Vehicle Dynamics* instructions. *Icon Vehicle Dynamics* products are not designed, nor are they intended to be installed on vehicles used in race applications, for racing purposes or for similar activities. (A "race" is defined as any contest between two or more vehicles, or a contest of one or more vehicles against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America and Canada.

Icon Vehicle Dynamics obligation under this warranty is limited to the repair or replacement, at *Icon Vehicle Dynamics'* discretion, of the defective product. Any and all costs of removal, installation or re-installation, freight charges and incidental or consequential damages are expressly excluded from this warranty.

Items that are subject to wear are not considered defective when worn and are not covered.

Coil over take-apart shocks are considered a serviceable shock with a one year warranty on leakage only. Service seal kits are available separately for future maintenance. We do not warranty any other product not directly manufactured by *Icon Vehicle Dynamics*.

Icon Vehicle Dynamics components must be installed as a complete kit as shown in our current application guide. Any substitutions or exemptions of required components will immediately void the warranty.

Some finish damage may happen to parts during shipping and is not covered under warranty.

This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been improperly installed, modified or customized subject to accident, negligence, abuse or misuse.