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**Instruction Sheet:**  
**Part No. 3-31 & 3-33**  
**1999-2004 Ford Super Duty F250/F350**  
**4WD**  
**1999-2005 Ford Excursion 4WD**

**Enclosed Parts List:**

- |                            |                            |
|----------------------------|----------------------------|
| (2) 1" or 3" Spacer        | (4) 3/8"-16 x 2 3/4" Bolts |
| (4) 3/8" Nylon Lock Nut    | OR                         |
| (8) 3/8" Flat Washer, Gr.8 | (4) 3/8"-16 x 4 3/4" Bolts |

**\*\*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.**

**\*\*IT IS HIGHLY RECOMMENDED TO USE RED LOC TIGHT 271 ON ALL BOLTS DURING INSTALLATION!\*\***

**INSTALLATION INSTRUCTIONS:**

1. ENSURE TRUCK IS IN GEAR OR IN PARK, SET PARKING BRAKE, TURN OFF ENGINE AND CHOCK TIRES!
2. Pay special attention to the orientation of the factory bump stop, they must be mounted correctly. Remove factory bump stops. Your new ICON bump stop spacer will be mounted between the factory bump stop and the frame using the supplied hardware.
3. Place one washer onto each of the supplied bolts.
4. Slide two bolts up through the factory bump stop and then through the ICON Bump Stop Spacer.
5. Be sure to install the bump stop spacer so the **ICON** logo is readable. Refer to Fig. 1
6. Install bump stop assembly into the original factory bump stop mounting holes on the frame.
7. On the other side of the frame, where the bolts protrude, install one more washer on each bolt and finally put one nylon lock nut on each bolt.
8. Tighten bolts to 30 lb-ft
9. Repeat steps 3-8 for the other side of the truck.
10. A periodic inspection of all bolts and torque specifications is recommended!

**Register your ICON product online at: [www.IconVehicleDynamics.com/warranty.php](http://www.IconVehicleDynamics.com/warranty.php)**

**For technical assistance or suggestions on how to make our product better call (951) 689-ICON Monday-Friday between the hours of 8am-12pm and 1pm-5pm Pacific-standard time, certain holidays excluded.**

***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.