



ICON VEHICLE DYNAMICS

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Instruction Sheet:

**Part No. 6-1600
TEI Spacer**

2005-2007 Ford Super Duty F250/F350 4WD

Enclosed Parts List:

(2) TEI Spacer (2) M14 Hex Bolt

*****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.

INSTALLATION INSTRUCTIONS:

- 1 Jack up the front end of the truck and support the frame at the front frame rails with jack stands. NEVER WORK UNDER AN UNSUPPORTED VEHICLE. Remove front wheels.
- 2 With the weight of the front axle supported by a jack, remove lower shock bolts from front end.
- 3 Remove the nuts on the lower ends of the sway bar end links
- 4 Unbolt the upper and lower brake line brackets from the coil bucket and lower coil mount, respectively.
- 5 Slowly lower the front axle down until coils are free of upper mounts. (Pay attention to brake lines, vacuum lines and breather hose. Also beware that the axle will move side to side with the arch of the pan rod bar.)
- 6 Remove the coil springs from lower mounts by simply pulling up and twisting counter clockwise
- 7 Remove the bolt from the center of lower coil seat. (Be cautious with the seat, the ABS wire should still be attached to it.)
- 8 Install the TEI coil lifter in between the axle and the lower coil mount.
- 9 Install the 14mm bolts supplied through the stock mounts and TEI mounts then torque bolts to 100ft-lbs.
- 10 Reinstall front coils, you may need to lower the front axle more so that the coils will fit with the TEI's.
- 11 Now jack the front axle up. As you raise it make sure to align the coils with their upper mounts.
- 12 Once the coils are in position, and some of the vehicles weight is on the front end, start bolting all the removed parts back on. (Brake line mounts, sway bar end links, and lower shock bolt)
- 13 Reinstall wheels and lower vehicle to the ground. Don't forget to torque the lug nuts.

**For technical assistance or suggestions on how to make our product better call (951) 272-
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.