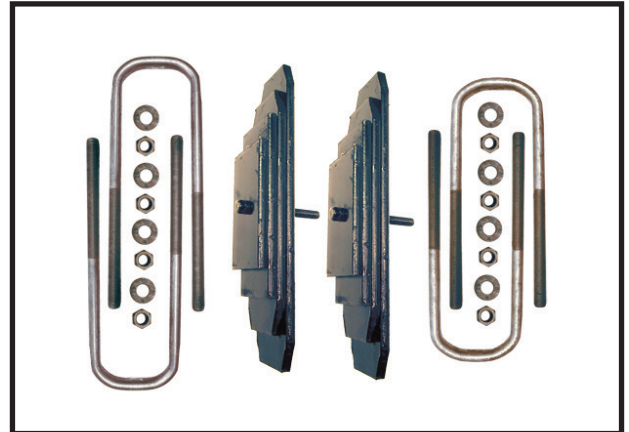


7929 Lincoln Ave. Riverside, CA 92504
 Phone: 951.689.ICON | Fax: 951.689.1016

PART #	DESCRIPTION
32000	00-04 FSD FRONT 2" MINI SPRING PACK KIT

COMPONENTS INCLUDED	
(2) 138506 FSD MINI SPRING PACK (2) 139582 11.5" SEMI RND TOP U-BOLT, 9/16 DIA FRONT W NUTS/WASHERS	(2) 139583 12.5" SEMI RND TOP U-BOLT 9/16 FRONT W NUTS/WASHERS
HARDWARE INCLUDED	
N/A	
TOOLS REQUIRED	
N/A	
TECH NOTES	
N/A	



WARNING!
<p>** 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!</p> <p>** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.</p> <p>** ICON VEHICLE DYNAMICS RECOMMENDS ALL INSTALLATION TO BE PERFORMED BY A PROFESSIONAL SHOP/SERVICE TECHNICIAN. PRODUCT FAILURE CAUSED BY IMPROPER INSTALLATION WILL NOT BE COVERED UNDER ICON'S WARRANTY POLICY.</p>

INSTALLATION

1. ENSURE TRUCK IS IN GEAR OR IN PARK, SET PARKING BRAKE, TURN OFF ENGINE AND CHOCK REAR TIRES!
2. Remove the front wheels: Consult your vehicle owner's manual. Jack up the front of the vehicle using a jack on the FORD approved jacking points. Support the vehicle using jack stands and remove the wheels.
3. Remove the front shock lower bolts.
4. With a floor jack under the front end loosen and remove the U-bolts. Make sure the axle is well supported or it could fall when the U-bolts are removed
5. Slowly and carefully lower the axle away from the springs and remove the factory centering pin. Installer may want to c-clamp factory spring together before removing center pin. This will make it easier to install the new spring pack.
6. It may be required to disconnect the factory sway bar for ease of installation in order to drop the axle far enough to allow room to work.
7. Place the new mini spring pack between the axle and spring, make sure the mini spring pack is unbolted. Slide new center pin through factory leaf spring and reinstall the supplied nut. Jack up the axle and guide the spring center pin in to the hole on the top of the axle.
8. Install new u-bolts (long u-bolts on driver side), washers and nuts, tighten to 100 ft-lb
9. Install shocks onto lower factory mount: Compress shock and insert bolt into a factory shock mount tab.
10. Use RED LOCTITE 271 and torque upper and lower bolts to 76 lb-ft (FORD factory specifications).
11. Repeat steps 3-10 for the other side of the vehicle.
12. Reinstall wheels and lower to the ground. Re check U-bolt torque. Consult vehicle owner's manual.

VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.

RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 100 MILES AND PERIODICALLY THEREAFTER.

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.

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.



ICON VEHICLE DYNAMICS®
PERFORMANCE SUSPENSION SYSTEMS AND SHOCK ABSORBERS

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www.iconvehicledynamics.com



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