

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

| PART # | DESCRIPTION |
|--------|--------------------------------|
| 39010 | 99-04 FSD DUAL SHOCK MOUNT KIT |

| COMPONENTS INCLUDED | |
|---|---|
| (2) 134018 99-04 FSD DUAL SHOCK MOUNT | (1) 39010H 99-04 FSD DUAL SHOCK MT HARDWARE KIT |
| HARDWARE INCLUDED | |
| 39010H HARDWARE KIT | |
| (2) 139004 SLEEVE .750 X .510 X 1.450 (4) 605321 1/2-13 NYLOCK NUT | (16) 605330 1/2 FLAT WASHER (4) 605332 1/2-13 X 6.500 HHCS |
| TOOLS REQUIRED | |
| TORQUE WRENCH | |
| TECH NOTES | |
| N/A | |



WARNING!

**** 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!**

**** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.**

**** 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.**

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: 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 front shocks. Neither the upper or lower shock bolts will be needed for the rest of the installation process.
4. Loosen and remove the three bolts holding each factory upper shock mount to the frame. Remove factory front upper shock mount. Note the proper location of each factory bolt and nut and set aside for later use during reinstallation.
5. Pre-fit both Icon Vehicle Dynamics Dual Shock Mounts to ensure all bolt holes line up correctly.
6. Install the new Icon Vehicle Dynamics Dual Shock Mount in the factory location using RED LOCTIGHT 271 and the factory bolts. Torque factory bolts to 76 lb-ft (FORD factory specifications).
7. Install one supplied 5/8" x 1 3/8" steel sleeve into the upper shock bushing of each shock. This will allow you to use the supplied 1/2" x 6" grade 8 bolt we have supplied for your application. Do not discard the two remaining steel sleeves, they will be needed for the lower shock mount!
8. Install shocks onto upper shock mount: Insert one supplied 1/2" washer onto one supplied 1/2" x 6" grade 8 bolt. Slide the shock onto the bolt (the side you installed the steel sleeve in). Slide one more 1/2" washer onto the bolt. Begin sliding the bolt through the bung on the Icon Vehicle Dynamics Dual Shock Mount. Slide one more washer onto the bolt, the second shock, one more washer and the 1/2" nylock nut. DO NOT tighten at this stage of installation. At this point each shock will have one washer on each side of the bushings. This is the requirement for the rest of the installation process.
9. Install shocks onto lower factory mount: The lower shock mount will use the supplied 1/2" x 6.5" bolt (the factory lower shock mount holes will have to be drilled out using a 1/2" drill). Insert one 1/2" washer onto the supplied bolt. Slide the bottom of the shock onto the bolt then slide on one more 1/2" washer. Compress shock and insert bolt into a factory shock mount tab. Do not go all the way through. At this point install one supplied 3/4" x 1 1/2" steel sleeve between the two factory lower shock mount tabs. Slide the bolt through the steel sleeve and continue through the second factory shock mount tab. Install one more washer, the second shock, one more washer and the 1/2" nylock nut. *Warning-If the supplied steel sleeve is not inserted between the factory lower shock mount tabs, the tabs may bend when the lower shock bolt it tightened. This may result in metal fatigue and eventual failure!*
10. Use RED LOC TIGHT 271 and torque upper and lower bolts to 76 lb-ft (FORD factory specifications).

- 11.** Repeat steps 5-10 for the other side of the vehicle.
- 12.** Reinstall the front wheels.
- 13.** A periodic inspection of all bolts and torque specifications is recommended!

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.



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PERFORMANCE SUSPENSION SYSTEMS AND SHOCK ABSORBERS

7929 Lincoln Ave. Riverside, CA 92504 Phone: 951.689.ICON Fax: 951.689.1016
www.iconvehicledynamics.com



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