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PART #	DESCRIPTION
65002	23 FSD DUAL STABILIZER KIT

COMPONENTS INCLUDED	
(1) 164044 23 FSD STEERING STABILIZER CENTER BRACKET (4) 167009 05-UP FSD STEERING STABILIZER TIE ROD CLAMP	(1) 65002H 23 FSD DUAL STABILIZER HARDWARE KIT
HARDWARE INCLUDED	
65000H HARDWARE KIT	
(4) 169003 SLEEVE .750 X .510 X .250 (2) 605956 M8-1.25 X 30MM FLANGE BOLT BPHOSPHATE (2) 605221 7/16-20 NYLOCK NUT (2) 605230 7/16 FLAT WASHER (1) 605240 7/16-20 U-BOLT 3.750 ID X 4.00	(2) 605310 1/2-13 X 3.500 BOLT (2) 605319 1/2-13 X 2.000 BOLT (2) 605321 1/2-13 LOCK NUT (8) 605330 1/2 FLAT WASHER
TOOLS REQUIRED	
TORQUE WRENCH 13MM SOCKET / WRENCH 15MM SOCKET / WRENCH 18MM SOCKET / WRENCH	5/8" SOCKET / WRENCH 3/4" SOCKET / WRENCH HAMMER
TECH NOTES	
<ol style="list-style-type: none"> <li>1. REQUIRES ICON STEERING STABILIZER PART #36511</li> <li>2. ONLY COMPATIBLE WITH 4WD MODELS</li> <li>3. NOT COMPATIBLE WITH F-350 DUALY MODELS WITH WIDE TRACK FRON AXLE</li> <li>4. NOT COMPATIBLE WITH F-450 OR F-550</li> <li>5. MINIMUM OF 2" BUMP STOP SPACER REQUIRED. ICON PART #64037</li> <li>6. NOT RECOMMENDED FOR USE WITH STOCK HEIGHT TRUCKS</li> </ol>	



**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 INSTALLTION TO BE PERFORMED BY A PROFESSIONAL SHOP/SERVICE TECHNICIAN. PRODUCT FAILURE CAUSED BY IMPROPER INSTALLATION WILL NOT BE COVERED UNDER ICON'S WARRANTY POLICY.**

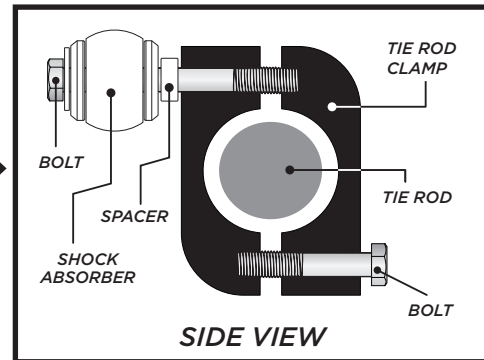
## INSTALLATION

1. ENSURE TRUCK IS IN GEAR OR IN PARK, SET PARKING BRAKE, TURN OFF ENGINE, AND CHOCK TIRES.
2. Using an 18mm, disconnect the factory steering stabilizer from the drag link. Hammer the tapered end out of the drag link, then use a 15mm to remove the bolt holding it to the frame bracket.
3. Install the center bracket: This bracket attaches to (2) front differential cover bolts. Use a 13mm to remove the (2) bolts. Install the bracket using the stand off spacers between bracket and cover. Replace the (2) factory bolts with the supplied M8-1.25 X 30MM flanged bolts [Torque to 24 ft-lbs]. Use the 7/16" U-bolt to clamp the bracket around the axle housing. Install the U-bolt using the supplied 7/16" lock nuts and washers. [Torque to 47 ft-lbs]
4. Install the billet aluminum clamp on the driver side tie rod end with the shield facing out and within 1/8" from the flat side of the tie rod. Place the clamp between the adjuster and the bend in the tie rod. Install the 1/2x2" long bolts through the bottom hole of the rear clamp into the threaded hole on the front clamp. Repeat process on passenger side. [FIGURE 1 & 2]

FIG.1



FIG.2



5. If installing steering stabilizers on a wide track axle Super Duty, you must mount the shocks with the bodies pointing towards the wheels (unless 64036 spacer kit is used). Use the supplied 1/2x3.5" bolt making sure to install the supplied washers on both sides of the shock sleeve. Use the (169003) spacer between the washer and billet clamp. If you do not have a wide track axle, you can mount the stabilizers in either direction. Torque to 75 ft-lbs alternating between the top and bottom bolt to make sure the gap is equal on both sides of the clamp.

6. Mount the free end of the shock to the center mount stud with the supplied nut and washer. [Torque to 75 ft-lbs]

**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

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