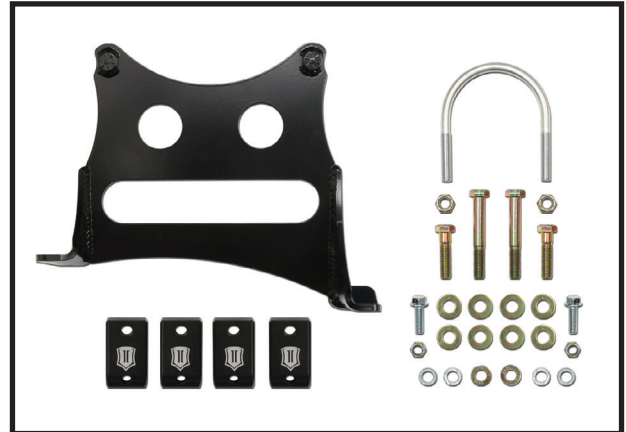


PART #	DESCRIPTION
65000	2005-UP FSD DUAL STABILIZER KIT

COMPONENTS INCLUDED	
(1) 164004 05-UP FSD STEERING STABILIZER CENTER BRACKET (4) 167009 05-UP FSD STEERING STABILIZER TIE ROD CLAMP	(1) 65000H 05-UP FSD DUAL STABILIZER HARDWARE KIT
HARDWARE INCLUDED	
65000H HARDWARE KIT	
(4) 169003 SLEEVE .750 X .510 X .250 (2) 605107 3/8-16 X 1.250 FLANGE BOLT (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 15MM SOCKET / WRENCH 18MM SOCKET / WRENCH	9/16" SOCKET / WRENCH 5/8" SOCKET / WRENCH 3/4" SOCKET / WRENCH
TECH NOTES	
<p>1. WIDE TRACK AXLE EQUIPPED TRUCKS MUST HAVE THE SHOCKS MOUNTED WITH THE BODY SIDE TOWARDS THE WHEEL UNLESS (64036) SPACER KIT IS USED.</p> <p>2. A 1.5" BUMP STOP SPACER (MINIMUM) IS REQUIRED TO KEEP THE CENTER BRACKET FROM HITTING THE ENGINE CROSSMEMBER AT FULL SUSPENSION COMPRESSION. AN ICON 2" SPACER KIT IS AVAILABLE (64037). IF YOU HAVE AN ICON 4.5" OR 7" LIFT SYSTEM, THE BUMPTOP SPACER IS INCLUDED IN THE SYSTEM.</p> <p>3. STANDARD TRACK FRONT AXLE STABILIZER SHOCK PART NUMBER: 36511 (2 REQUIRED) WIDE TRACK FRONT AXLE STABILIZER SHOCK PART NUMBER: 66515 (2 REQUIRED)</p>	

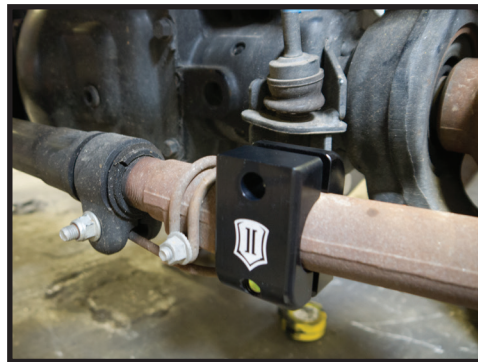


WARNING!
<p><b>** READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!</b></p> <p><b>** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.</b></p> <p><b>** 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.</b></p>

## 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; this will require moving a tag on the differential. Use a 15mm to remove the (2) bolts. After removing the tag, install the bracket using the stand off spacers between bracket and cover. If desired, the tag can be placed in front of the bracket. Replace the (2) factory bolts with the supplied 3/8" flanged bolts. [Torque to 33 ft-lbs]. Use the 7/16" U-bolt to clamp the bracket around the axle housing. Install the U-bolt facing downward using the supplied 7/16" lock nuts and washers. [Torque to 47 ft-lbs]
4. Install the billet aluminum clamp on the driver's 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. [FIGURE 1]

FIG.1



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.***

