

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

PART #	DESCRIPTION
65053	23 FSD 2.5 CENTERLINE STABILIZER KIT

COMPONENTS INCLUDED	
(1) 164053 23 FSD THRU SHAFT SS, DIFF BRACKET	(1) 164952 05-UP FSD 4WD STAB 2.5 PB UPKG
HARDWARE INCLUDED	
(4) 605056 1/4-20 X 1.750 SHCS 18-8 (4) M8-1.25 X 40MM FLANGE BOLT BPHOS (1) 605306 1/2-13 X 2.500 HHCS	(1) 605330 1/2 SAE FLAT WASHER (1) 605333 1/2-13 FLANGED NYLOCK NUT (1) 297206 44MM BILLET TUBE CLAMP FRONT
TOOLS REQUIRED	
TORQUE WRENCH TAPE MEASURE 13MM SOCKET / WRENCH	3/16" ALLEN WRENCH 3/4" SOCKET / WRENCH
TECH NOTES	
<ol style="list-style-type: none"> <li>1. AFTER INSTALLATION, CYCLE STEERING LEFT AND RIGHT TO ENSURE FULL RANGE OF STEERING IS ACHIEVABLE AND STABILIZER IS INSTALLED CORRECTLY.</li> <li>2. USE THE SUPPLIED 1" FRONT BUMP STOP SPACERS UNLESS THE SUSPENSION SYSTEM THAT YOU ARE USING CALLS FOR LARGER BUMP STOP SPACERS. IF USING A NON-ICON CONFIGURATION, CYCLE THE SUSPENSION TO VERIFY THAT THE STABILIZER DOES NOT MAKE CONTACT UPON FULL COMPRESSION.</li> <li>3. MOUNTS OVER STOCK FRON DIFFERENTIAL COVER, NOT COMPATIBLE WITH MOST AFTERMARKET COVERS.</li> <li>4. NOT COMPATIBLE WITH AFTERMARKET TIE RODS</li> <li>5. ONLY COMPATIBLE WITH 4WD MODELS</li> </ol>	

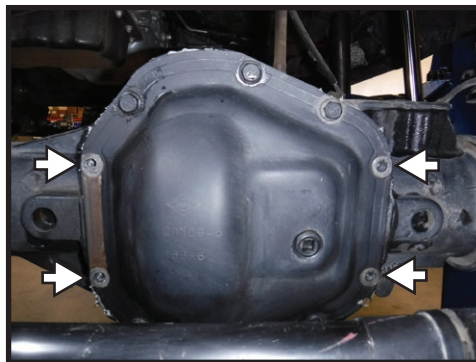


WARNING!
<p><b>** READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!</b></p> <p><b>** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION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

## INSTALLATION

**1.** Remove the (4) highlighted bolts from the differential cover using a 13MM socket/wrench. [FIGURE 1]

FIG.1



**2.** Install the steering stabilizer bracket over the differential cover using the supplied M8-1.25 bolts. Tighten using a 13MM socket/wrench. [Torque to factory spec] [FIGURE 2]

FIG.2



**3.** Set the steering stabilizer so there is 4.340" of dead shaft showing. [FIGURE 3]

FIG.3



**4.** Install the steering stabilizer with the rod end side into the bracket using the supplied 1/2" hardware and a 3/4" socket/wrench. [Torque to 80 ft-lbs] [FIGURE 4]

FIG.4



**5.** Install stabilizer clamp onto the tie rod, being sure not to extend or collapse the stabilizer. Make sure steering wheel and tires are straight/centered. Use the (4) supplied 1/4-20 allen bolts to tighten the tube clamp using a 3/16" allen wrench. Being sure to tighten it evenly. Keep stabilizer parallel with tie rod while tightening [Torque to 8 ft-lbs]. Be sure the reservoir is position at 45°. [FIGURE 5]

FIG.5



**6.** After installation, cycle steering left and right to ensure full range of steering is achievable and stabilizer is installed correctly.



**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

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