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PART #	DESCRIPTION
65054	05-24 FSD 450/550 CENTERLINE STABILIZER KIT

COMPONENTS INCLUDED	
(1) 164058 05 CENTERLINE DIFF BRACKET (1) 164954 05 FSD 450/550 4WD STAB 2.5 PB UPKG	(1) 297208 1.900" (48MM) BILLET TUBE CLAMP FRONT
HARDWARE INCLUDED	
(4) 605056 1/4-20 X 1.750 SHCS 18-8 (3) 605126 3/8-16 X 1.50 FLANGE BOLT (1) 605160 3/8-16 X 1.50 BUTTON HEAD BOLT (1) 605306 1/2-13 X 2.500 HHCS	(1) 605330 1/2 SAE FLAT WASHER (1) 605333 1/2-13 FLANGED NYLOCK NUT
TOOLS REQUIRED	
TORQUE WRENCH TAPE MEASURE 10MM SOCKET / WRENCH 13MM SOCKET / WRENCH 18MM SOCKET / WRENCH	7/32" ALLEN WRENCH 3/16" ALLEN WRENCH 9/16" SOCKET / WRENCH 3/4" SOCKET / WRENCH
TECH NOTES	
1. AFTER INSTALLATION, CYCLE STEERING LEFT AND RIGHT TO ENSURE FULL RANGE OF STEERING IS ACHIEVABLE AND STABILIZER IS INSTALLED CORRECTLY.	
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.	

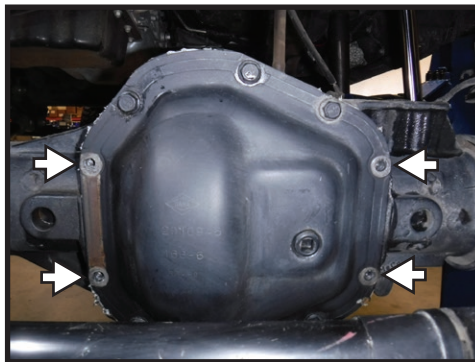


WARNING!
** READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!
** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER 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

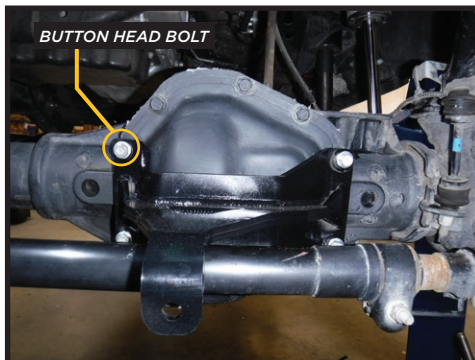
1. Remove the (4) highlighted bolts from the differential cover using a 9/16" socket/wrench. [FIGURE 1]

FIG.1



2. Install the steering stabilizer bracket over the differential cover using the supplied 3/8" bolts. Place the button head bolt in the top left corner to clear the engine crossmember. Tighten using a 9/16" socket/wrench and a 7/32" allen. [Torque to factory spec] [FIGURE 2]

FIG.2



3. Set the steering stabilizer so there is 5.00" 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 90 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

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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