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PART #	DESCRIPTION
22018	2007-UP JEEP JK HIGH CLEARANCE STEERING STABILIZER KIT

COMPONENTS INCLUDED	
(1) 22018H JK STABILIZER HARDWARE KIT (1) 124030 JK STABILIZER TIE ROD MOUNT (1) 124025 JK STABILIZER AXLE MOUNT	(1) 124915 JK STABILIZER 2.0 VS IR (1) 611007 MEDIUM DUTY STEM BUSHING HARDWARE KIT
HARDWARE INCLUDED	
22018H HARDWARE KIT	
(4) 605015 5/16-18 NYLOCK NUT (4) 605016 5/16 FLAT WASHER (2) 605078 5/16-18 X 1.375 ID X 2.000 U BOLT (2) 605101 3/8-16 X 1.000 BOLT (2) 605124 3/8-16 THIN NUT	(4) 605133 3/8 FLAT WASHER (1) 605330 1/2 FLAT WASHER (1) 605336 1/2-13 X 3.000 BUTTON HEAD (1) 605969 RED THREAD LOCK
611007 HARDWARE KIT	
(2) MED DUTY 9/16" ID STEM BUSHING (1) MED DUTY 9/16" ID STEM WASHER	(1) MED DUTY 12MM ID STEM WASHER (1) M12-1.25 LOCK NUT
TOOLS REQUIRED	
15MM SOCKET / WRENCH 18MM SOCKET / WRENCH 21MM SOCKET / WRENCH	1/2" SOCKET / WRENCH 9/16" SOCKET / WRENCH 3/4" SOCKET / WRENCH 5/16" ALLEN
TECH NOTES	
1. THIS KIT REQUIRES A 1 INCH BUMP STOP SPACER (PN: 127200). THIS IS NECESSARY FOR ADEQUATE CLEARANCE FROM THE STABILIZER TO THE FRAME WHEN THE SUSPENSION IS FULLY COMPRESSED AND THE WHEEL IS TURNED.	



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.**

INSTALLATION

1. PARK ON LEVEL GROUND WITH THE FRONT TIRES POINTING STRAIGHT FORWARD. ENSURE THE JEEP IS IN GEAR OR IN PARK, SET PARKING BRAKE, AND TURN OFF THE ENGINE.
2. Remove the factory steering stabilizer from the axle and the tie rod using an 18mm. Remove the axle bracket using a 15mm and sliding it down towards the knuckle where it is thinner. Bend the factory bracket open to allow it to be removed from the tie rod end.
3. If installing on an ICON 3" kit, remove the track bar bolt using a 21mm and push the track bar up to allow room to install the bracket nuts.
4. Mount the axle bracket (PN: 124025) loosely to the axle. This bracket mounts to the side of the factory track bar bracket using the supplied (2) 3/8 X 1.00 bolts/washers/thin nuts (Refer to Fig. 1). The factory holes utilized in the track bar bracket may be slightly undersized and need to be drilled to 3/8. The head of the factory track bar bolt was designed to fit snug in the stabilizer bracket. Assemble the bracket loosely to the frame and reinsert the track bar bolt to make sure it all lines up then fasten the 3/8 bolts [Torque to 45 ft-lbs].

FIG.1



5. Mount the tie rod bracket to the stem of the stabilizer using the supplied bushing hardware. Tighten with a 3/4 wrench until lock nut is engaged and bushing assembly is snug. Do not over tighten the bushing assembly.
6. Mount the stabilizer to the axle bracket using the 1/2 X 3.00 button head bolt and washer supplied. Use the supplied thread locker

FIG.2



and a 5/16 allen [Torque to 75 ft-lbs].

7. Start the Jeep and turn the steering wheel left to full lock. The steering wheel must be held at full lock. (Refer to Fig. 2)

8. Mount the stabilizer to the top of the tie rod using (2) 5/16 U-bolts and a 1/2. Compress the stabilizer 1/4 inch before tightening [Torque to 17 ft-lbs].

9. Reinstall track bar using a 21mm [Torque to factory spec].

10. Turn the steering wheel to full lock in both directions while observing the steering. Make sure the stabilizer shock does not bind in

FIG.3



**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.

ICON VEHICLE DYNAMICS

PERFORMANCE SUSPENSION SYSTEMS AND SHOCK ABSORBERS

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