



Ford Ranger / Broncoll /
Explorer
Single Steering Stabilizer
Part # 7150 / 9150

REQUIRED TOOL LIST:

- Safety Glasses
- Metric / Standard Wrenches & Sockets
- Measuring Tape
- Torque Wrench

Component Box Breakdown:

Part #: 7150 / 9150

Item #	Description	Qty	Item #	Description	Qty
7900WS	WHITE STEERING DAMPER (Included With 7150)	1	BTIE	RED BOOT TIE (Included With 7150)	1
9900WS	SILVER STEERING DAMPER (Included With 9150)	1	BTIE-K	BLACK BOOT TIE (Included With 9150)	1
83031	MAIN BRACKET	1	HSS	HYDRO SHOCK DECAL (Included With 7150)	1
83032	BACKING PLATE	1	SSD	SILVER STABILIZER DECAL (Included With 9150)	1
B10RS	RED BOOT (Included With 7150)	1	HB-7150	HARDWARE BAG: 7150 / 9150	1
B10KS	BLACK BOOT (Included With 9150)	1	I-7150	INST SHEET: 7150 / 9150	1

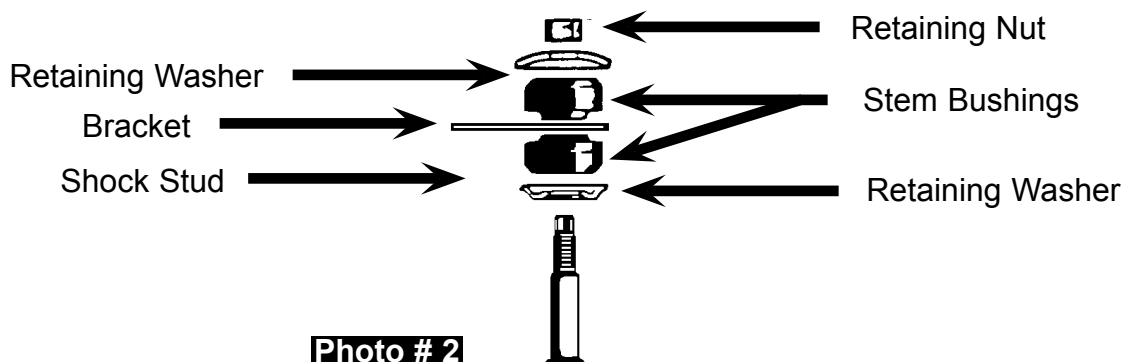
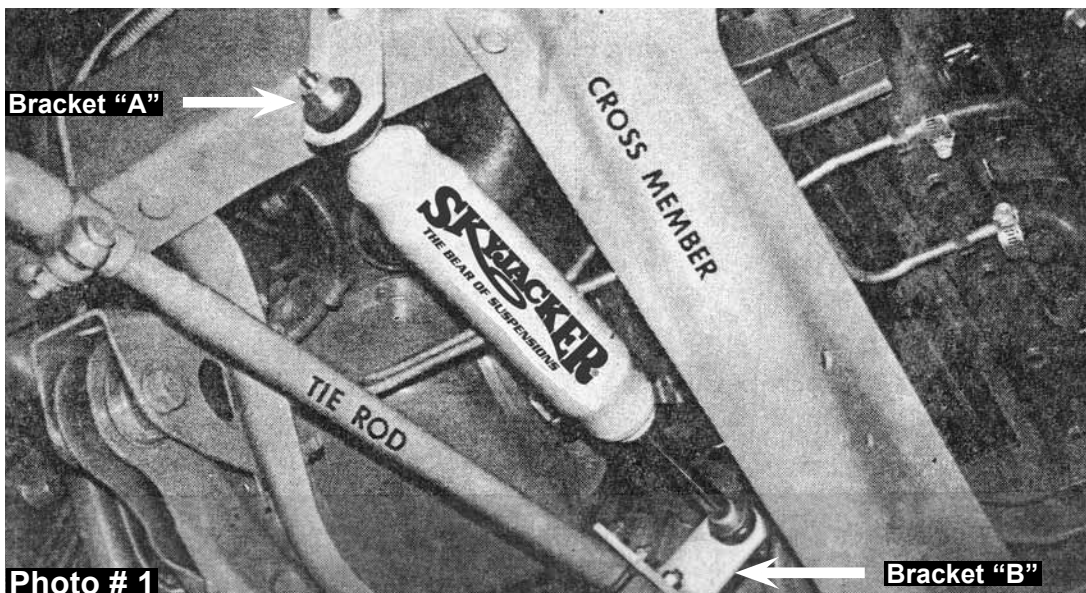
Hardware Bag Breakdown:

Part # HB-7150

Item #	Description	Qty	Item #	Description	Qty
83037	TIE ROD BRACKET	1	38FTN	3/8 FINE THREAD LOCK NUT	2
516X1X134U	5/16 X 1 X 1 3/4 U-BOLT RD	2	38SAEW	3/8 SAE WASHER	2
516CTN	5/16 COARSE THREAD LOCK NUT	4	STEM BUSH-SST	STEM BUSHING	4
516SAEW	5/16 SAE WASHER	4	142120	STAB WASH PKG	2
38X112FTB	3/8 X 1 1/2 FINE THREAD BOLT	2			

Installation:

1. Park the vehicle on a level concrete or asphalt surface with the front tires / wheels pointing straight forward.
2. Set the emergency brake & block the rear tires / wheels.
3. Install the new Skyjacker bracket "A" (long bracket) against the slotted holes on the outside of the frame & install the new Skyjacker backing plate bracket on the inside of the frame using the supplied 3/8" x 1 1/2" bolts, washers, & nuts. (See Photo # 1) Models equipped with a front sway bar will need to move the new bracket "A" back (away from the sway bar) until clearance of the sway bar is obtained. **Note:** Do not tighten at this time.
4. Attach the new bracket "B" to the OEM tie rod using the supplied u-bolts, washers, & nuts. (See Photo # 1) **Note:** Do not tighten at this time.
5. Attach the body end of the new Skyjacker steering stabilizer to the new bracket "A" using the supplied bushings & washers. (See Photos # 1 & # 2)
6. Attach the shaft end of the new Skyjacker steering stabilizer to the new bracket "B" using the supplied bushings & washers. (See Photos # 1 & # 2)
7. Extend the new Skyjacker steering stabilizer piston rod 4" (exactly half-way out). Rotate the new brackets "A" & "B" as needed to obtain the best position & tighten all hardware.



Final Notes:

- After the installation is complete, double check that all nuts & bolts are tight. Refer to the following chart for the proper torque specifications. (Do not retighten the nuts & bolts where thread lock compound was used.)
- Cycle the steering of the vehicle left to right & check all parts for adequate clearance.
- After the first 100 miles, check all of the hardware for the proper torque & periodically thereafter.

<u>TORQUE SPECIFICATIONS</u>					
<u>INCH SYSTEM</u>			<u>METRIC SYSTEM</u>		
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 8.8	Class 10.9
5/16	15 FT LB	20 FT LB	6MM	5 FT LB	9 FT LB
3/8	30 FT LB	35 FT LB	8MM	18 FT LB	23 FT LB
7/16	45 FT LB	60 FT LB	10MM	32 FT LB	45 FT LB
1/2	65 FT LB	90 FT LB	12MM	55 FT LB	75 FT LB
9/16	95 FT LB	130 FT LB	14MM	85 FT LB	120 FT LB
5/8	135 FT LB	175 FT LB	16MM	130 FT LB	165 FT LB
3/4	185 FT LB	280 FT LB	18MM	170 FT LB	240 FT LB

- The above specifications are not to be used when the bolt is being installed with a bushing.

Seat Belts Save Lives, Please Wear Your Seat Belt.