



491 W. Garfield Ave., Coldwater, MI 49036

Phone: 517-279-2135

Web/live chat: www.bds-suspension.com

E-mail: tech@bds-suspension.com

Part#: 98162

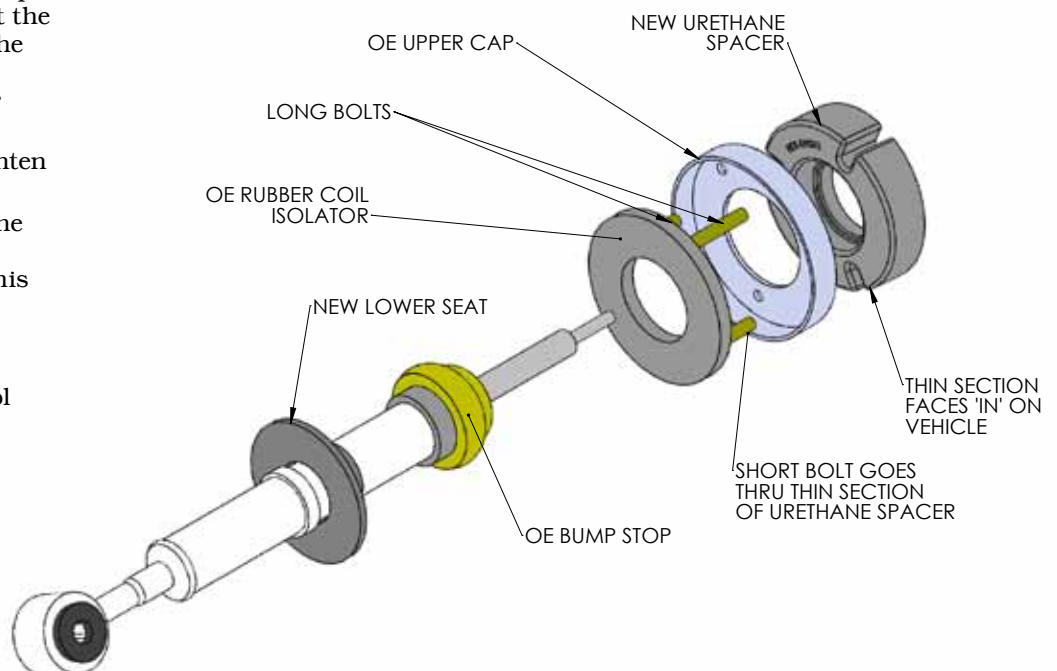
Product: 6" Strut Replacement

READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO INSTALLATION OF SYSTEM AND OPERATION OF VEHICLE.

SAFETY WARNING BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

INSTALLATION INSTRUCTIONS

1. Mark the top place to indicate which stud faces 'in' on the vehicle, continue the mark onto the upper rubber spring isolator.
2. Place OE strut in a high quality strut compressor. **Note:** Side coil compressors are not recommended due to the amount of preload on the OE coil.
3. Remove nut from the top of the strut and slowly remove pressure.
4. Remove top cap from spring.
5. Remove the upper rubber spring isolator.
6. Use a hammer to remove the three studs in the top cap.
7. Install 7/16" x 2-3/4" and 2-1/2" long bolts (#756 bolt pack) into the top cap. Note the placement of the bolts, the shortest bolt will go 'in' as marked in step 1. Do not use any washers on the head of the bolt.
8. Transfer the OE bumpstop from the OE strut to the new one. It will be necessary to use some oil / grease to get the bumpstop onto the new strut.
9. Install upper rubber isolator with correct orientation.
10. Compress spring in strut compressor.
11. Install new strut with new lower plate. Attach to OE upper isolator with the longer studs installed. Use new strut nut that is included in the pack.
12. Rotate the bottom of the new strut so that the lower mount is perpendicular to the stud that faces 'in' on the top plate.
13. Install new angled urethane top on the strut assembly. Note that the thin section will face 'in' on the vehicle.
14. Install into vehicle with 7/16" washers, lock washer, and non-locking nuts. Do not tighten the hardware at this time.
15. Attach lower control arm to the new strut with OE hardware. Do not tighten hardware at this time.
16. Once the installation is complete, lower vehicle to the ground. Tighten lower control arm hardware to 350 ft-lbs, and upper 7/16" hardware to 50 ft-lbs.



PARTS LIST

Part #	Qty	Description			
01178	1	Steering Knuckle - Standard	15	1	0.750 x 0.090 x 2.950 Sleeve
01179	1	Steering Knuckle - Standard	01187	1	Weld-in Plate
01183	2	CV Spacer - Standard	M02096-RB	2	Polyurethane Bump Stop
568	1	Bolt Pack - CV Spacer - Standard	02102	2	Sway Bar Link Bracket
		1 10mm-1.5 x 70mm bolt	911109	2	Sway Bar Link
		12 10mm washer	SB35BK	2	Sway Bar Link Bushing
02332	2	Weld-on Steering Stop	SB26BK	4	Stem Bushing
OR			117300007	4	Stem Washer
02150	1	Steering Knuckle - Narrow Track	54587	2	0.750 x 0.090 x 1.575 Sleeve
02151	1	Steering Knuckle - Narrow Track	422	1	Bolt Pack - Rear Bump Stop
02329	2	CV Spacer - Narrow Track		4	3/8"-16 x 1-1/4" bolt
578	1	Bolt Pack - CV Spacer - Narrow Track		4	3/8"-16 prevailing torque nut
		12 10mm-1.5 x 50mm bolt		4	3/8" USS washer
		12 10mm washer	539	1	Bolt Pack - Main
		2 14mm-1.5 x 100mm bolt		2	5/8"-11 x 6" bolt
		2 14mm washer		2	5/8"-11 x 5" bolt
02330	2	Brake Line Bracket - Narrow Track		4	5/8"-11 prevailing torque nut
02190	1	Front Crossmember		6	1/4"-20 nylock nut
02191	1	Rear Crossmember		6	Wire Clamps
02192	1	Differential Bracket (pass)	02319	1	Front Skid Plate
02193	1	Crossmember Support Tube	01196B	2	Rear Bump Stop Extension
02194	1	Differential Skid Plate	342701	1	Loctite
02196	2	Torsion Bar Bracket Spacer	099000	6	Zip Tie
02197B	1	Torsion Bar Bracket (drv)			
02198B	1	Torsion Bar Bracket (pass)			
02199	2	Bump Stop Bracket			
01185	1	Differential Bracket (drv)			
3624RB	2	Bushing - Differential Bracket			

INSTALLATION INSTRUCTIONS

1.

NOTICE TO DEALER/INSTALLER

These instructions, the warning card, and included decals must be given to the owner of this BDS Suspension product.

For questions, technical support and warranty issues relating to this BDS Suspension product, please contact your distributor/installer before contacting BDS Suspension directly.

Sold/Installed by:

