

RANCHO SHOCK ABSORBER RELOCATOR KIT RS6202

For Use With Rancho Suspension System RS6582B or RS6583B & Vehicles Equipped With "The Autoride Suspension System"

READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION

PARTS LIST

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
176204	Shock Relocator, Left	1
176205	Shock Relocator, Right	1
176206	Sensor Link	2
860564	Hardware Kit	1
	1/2-13 x 1.25 HHCS	3
	1/2-13 x 3.00 HHCS	2
	1/2-13 Stover Nut	5
	1/2- SAE Washer	10
	1/2- USS Washer	2
88602	Instruction	1



Illus. 1

- 1) Chock front wheels. Raise the rear of the vehicle and support the frame with jack stands. Remove the rear wheels.
- 2) Support the rear axle assembly with a floor jack.
- 3) Remove the driver side rear shock upper mounting bolt
- 4) Loosely attach shock relocator bracket 176204 to the frame bracket with the original bolt and to the shock with the supplied 1/2" hardware. See illustration 1.
- 5) Align the circular cutout of bracket 176204 with the existing frame hole. See illustration 2. Using the bracket as a template, mark and drill two 1/2" holes through the outside edge of the frame rail.
- 6) Attach bracket to frame rail with the supplied hardware. Tighten all mounting bolts.
- 7) Remove the passenger side rear shock upper mounting bolt.
- 8) Loosely attach shock relocator bracket 176205 to the frame bracket with the original bolt and to the shock with the supplied 1/2" hardware. Place end of bracket inline with shock. See illustration 3.

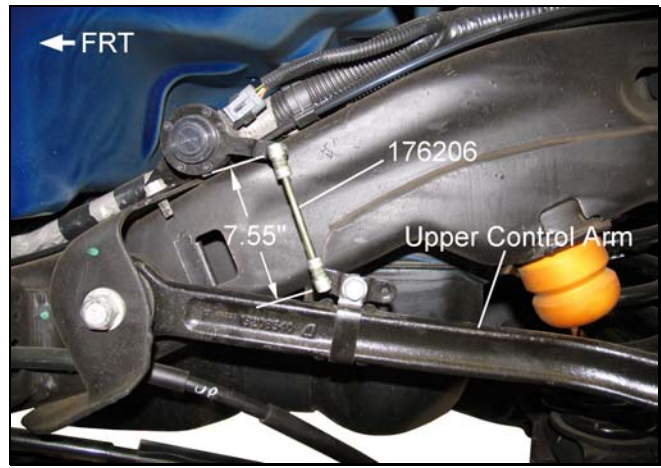


Illus. 2



Illus. 3

- 9) Using bracket 176205 as a template, mark and drill one 1/2" hole through the outside edge of the frame rail.
- 10) Attach bracket to frame rail with the supplied hardware. Tighten all mounting bolts.
- 11) **Carefully** remove sensor link from sensor and upper control arm.
- 12) Adjust length of new sensor link to 7.55 inches from center of ball studs. Tighten jam nuts.
- 13) Attach sensor link 176206 to sensor and upper control arm. See illustration 4. If necessary, remove ball studs from link to install.
- 14) Repeat steps 11 through 13 for the other side.



Illus. 4