

INSTALLATION INSTRUCTION

88621

Rev A

RANCHO REAR BUMPER KIT RS6221B

READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION



Parts List

<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
176567B	Tire Carrier	1		1/2-13 x 5.0 HHCS	1
176568B	Rear Bumper	1		1/2-13 Stover Nut	1
860628	Hardware Kit	1		1/2 USS Washer	1
176569	Jack Mount Bracket	1		M10-1.25 x 50 HHCS	2
420069	2.65 Crush Sleeve	1		M10-1.25 Nylock Nut	2
420070	2.78 Crush Sleeve	1		M10 Washer	4
420091	Pivot Sleeve	1		M12-1.75 x 100 HHCS	2
422	Hitch Pin Sleeve	1		M12-1.75 Stover Nut	2
520091	Bushing	4		M12 Washer	4
770198	Hitch Pin	1		M14-1.5 x 40 HHCS	2
770207	Hitch Pin Clip	1		M14 Washer	4
	D Washer	2	88621	Installation Instruction	1

- 1) Support the rear bumper. Remove the bumper bracket bolts at the frame rails. Save bolts for reuse.
- 2) Remove the crossmember support bolts. Remove the rear bumper assembly.
- 3) Temporarily attach rear bumper 176568B to the frame rails with the original hardware.
- 4) Using bumper 176568B as a template, mark the mounting hole locations on the top and bottom of the crossmember. Remove the bumper.
- 5) Enlarge both slotted holes on the passenger side and the top hole on the driver side to 3/4" at the marked locations.
- 6) Drill a 1/2" hole in the bottom of the crossmember on the driver side.
- 7) Insert the shorter crush sleeve (420069) into the driver side hole. Insert the longer crush sleeve (420070) into the passenger side holes.
- 8) While holding the longer crush sleeve, reinstall bumper 176568B.
- 9) Insert the supplied D washers under the bumper crossmember brackets and on top of the crush sleeves.
- 10) Attach bumper to crossmember with the 12mm hardware from kit 860628. Attach bumper to the frame rails with the original bolts. Tighten all nuts and bolts to 55 ft. lbs.
- 11) Press bushings (520091) into tire carrier 176567B.
- 12) Apply lithium grease to the inside of the bushings. Insert the longer pivot sleeve (420091) into the passenger side and the shorter hitch pin sleeve (422) into the driver side.
- 13) Attach the tire carrier assembly to the passenger side mount of bumper 176568B with the supplied 1/2" hardware. Tighten nut and bolt to 65 ft. lbs.
- 14) If applicable, attach jack to inside of tire carrier with the supplied 14mm hardware. See illustration on front. If holes in jack do not align with mounting pins, use jack mounting bracket 176569 and the supplied 10mm hardware.
- 15) Attach the tire carrier assembly to driver side mount with hitch pin 770198. Install the hitch pin clip.

CAUTION: Do not install a spare tire and wheel weighing more than 100 lbs.

NOTE: Crush sleeve and D washer installation is not required if your vehicle has an installed RS6509B suspension system.