

INSTALLATION INSTRUCTION

88256

Rev A

FOR RANCHO BUSHING REBUILD KIT RS996: TJ ROCK CRAWLER

READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION

PARTS LIST

P/N	Description	Qty.
420080	.875 x .563 x 2.49 Sleeve	2
520080	Articulation Bushing	4
7852	Shim Washer	4
88256	Instructions	1

LOWER LINK REMOVAL

- 1) Park the vehicle on a level surface and set the parking brake. Raise the front or rear of the vehicle and support the frame with jackstands. Install wheel chocks to keep the vehicle from moving.
- 2) Support the front or rear axle with a floor jack.
- 3) For the front suspension, paint or scribe alignment marks on the adjustment cams and axle brackets for installation reference. See Figure 1.

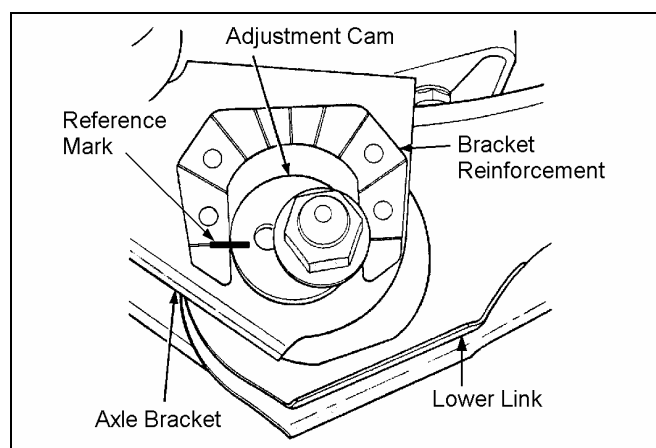


Figure 1

- 4) If applicable, remove the sensor wire and clamp from the inboard side of the lower link.

NOTE: If you are installing more than one bushing kit, remove and replace one link at a time .

- 5) For the front suspension, remove the nut, cam, and cam bolt from the axle bracket. Remove the nut and bolt from the frame bracket. Remove the lower link. See Figure 2.

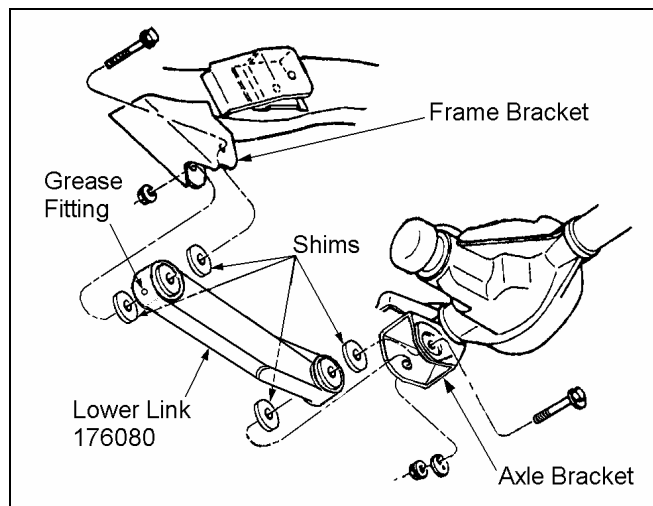


Figure 2 (front)

- 6) For the rear suspension, remove the lower link axle and frame mounting bolts. Remove the lower link. See figure 3.

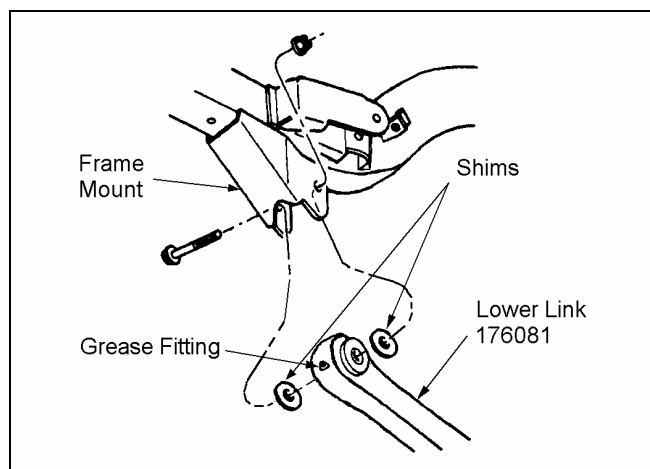


Figure 3 (rear)

- 7) Remove and discard the old bushings, sleeves and shims.

BUSHING & SLEEVE INSTALLATION

- 1) Lubricate the outside diameter of two urethane bushings (part No. 520080) with a silicone spray or a mild solution of soap and water.

- 2) Press the lubricated bushings into one end of a Rancho lower link (176080 or 176081) as shown in figure 4.

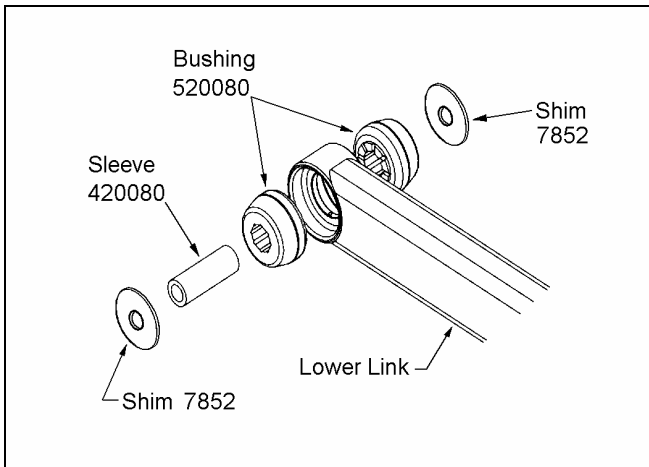


Figure 4

- 3) Lubricate the outside diameter of sleeve 420080 and press the sleeve into the installed bushings.
- 4) Repeat steps 1 through 3 for the other end.

NOTE: If necessary, use a bench vise or C-clamp to press the bushings and sleeves into the lower links. Do not use a hammer.

LOWER LINK INSTALLATION

- 1) Position the lower link in the axle bracket and the frame rail mount. Insert shim washers (7852) and loosely install the mounting bolts and nuts. Refer back to figures 2 or 3.
- 2) If applicable, re-attach the sensor wire.
- 3) Slowly apply grease to the ends of the lower link at the grease fittings. Do not over grease. Two pumps with a hand operated grease gun should be sufficient.
- 4) Remove the supports and lower the vehicle.
- 5) For the front suspension, align the reference marks and tighten the axle bracket nut to 85 ft. lbs. Tighten the frame bracket nut to 130 ft. lbs.
- 6) For the rear suspension, tighten both lower link nuts to 130 ft. lbs.

