

INSTALLATION INSTRUCTION

84101

Rev A

RANCHO DUAL STEERING STABILIZER KIT RS64101

Fits Jeep JK 2007 and Newer Models

- The installation of this kit requires two Rancho RS5405 or RS7405MT steering stabilizers (not included).
- This kit will work only on vehicles with at least a 2" lift and 2" tall front bump stop spacers (not included).

This prevents the steering stabilizer bracket from hitting the track bar at full compression travel.

READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION



Parts List		
Part No.	Description	Qty.
RS176706	Axle Bracket	1
RS176707	Name Plate Bracket	1
RS176359	Tie Rod Bracket	2
RS860744	Axle Bracket Hardware Kit	1
RS7422	U-Bolt 3/8-16 X 2.75	2
RS7604	Nut, 3/8-16 Nylock	4
RS603508	Washer, 3/8 SAE	4
RS860745	Tie Rod Bracket Hardware Kit	1
RS74181	U-Bolt 5/16-18 X 1.62	4
RS7768	Nut, 5/16-18 Nylock	8
RS7642	Washer, 5/16 SAE	8
RS84101	Instructions - RS64104	1

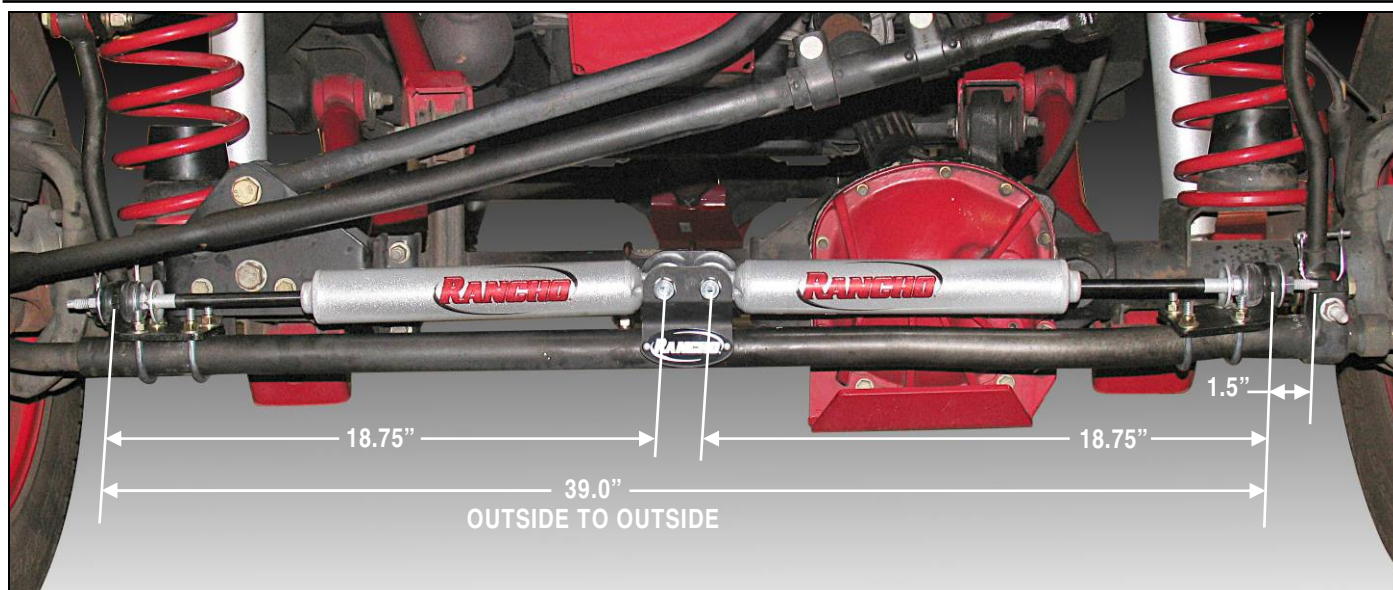


Illustration 1

- 1) Park the vehicle on a level surface and set the parking brake. Place the wheels in a straightforward position.
- 2) Remove any OE or aftermarket steering stabilizers and mounting brackets.
- 3) Attach tie rod bracket RS176359 to top driver side of tie rod using U-bolts and hardware supplied in kit RS860745. Install bracket 1.5" from tie rod adjuster clamp. Snug hardware and rotate bracket slightly forward to allow stabilizer stem to rest in opening of tie rod adjuster clamp. Torque U-bolts to 15 ft. lbs. See Illustrations 1 and 2.

NOTE: Tie rod bracket may contact sway bar end link during a full left turn.

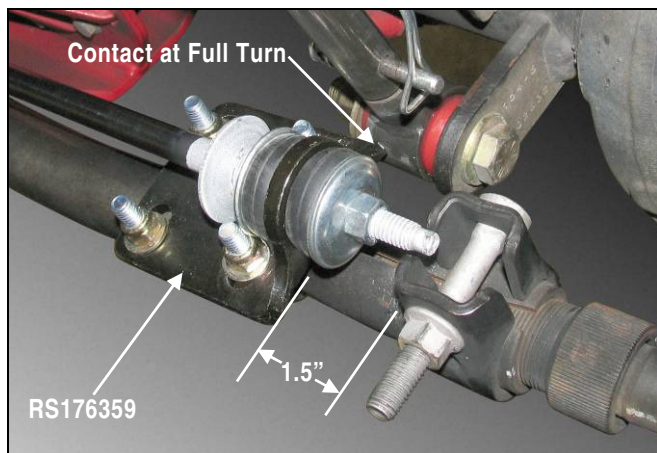


Illustration 2

- 4) Attach other tie rod bracket RS176359 to top passenger side of tie rod using u-bolts and hardware supplied in kit RS860745. Install bracket 39" from driver side bracket. Measure from the furthest outside face of each bracket. Rotate bracket slightly forward. Torque U-bolts to 15 ft. lbs. See Illustrations 1 and 3

NOTE: Tie rod bracket may contact sway bar end link and axle during a full right turn. DO NOT rotate bracket forward to add clearance. Rotating bracket forward will cause interference with drag link during articulation

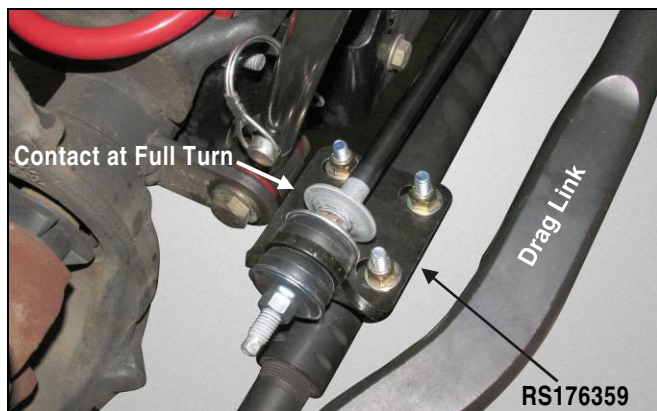


Illustration 3

- 5) Install mounting studs supplied with steering stabilizers to axle bracket RS176706. Use lock washer behind nut. Torque stud to 40 ft. lbs. See illustration 4.
- 6) Install axle bracket RS176706 using u-bolts and hardware from kit RS860744. With steering centered, position bracket level with ground and half way between tie rod brackets. Distance from outside surface of tie rod mount and center of stabilizer mounting studs should be 18.75". Torque U-bolts to 30 ft. lbs. See illustrations 1 and 4.

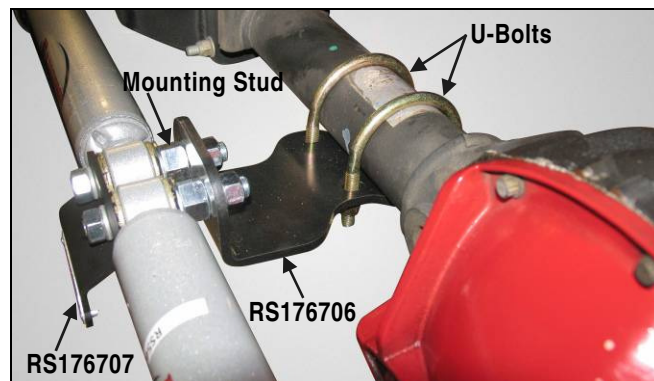


Illustration 4

- 7) Install stem end of steering stabilizer on passenger side tie rod bracket using hardware from parts package P1134. **Do not use dust boot.** See illustration 3. Slide large washer from parts package P932 and loop end bushing of steering stabilizer unto mounting stud. Torque stabilizer stem nut to 25 ft. lbs. See illustration 4.
- 8) Repeat step 7 for driver side steering stabilizer. **Do not use dust boot.** Torque stabilizer stem nut to 25 ft. lbs. See illustration 3.
- 9) Install name plate bracket RS176707 using supplied nuts and lock washers. Torque hardware to 25 ft. lbs. See illustration 4.
- 10) If necessary, rotate axle bracket to leave ½" – 1" clearance between tie rod and stabilizer body. Ensure correct distance between axle bracket and tie rod brackets. Torque U-bolts to 30 ft. lbs.
- 11) Double check distances in illustration 1.

Failure to mount components to dimensions listed in illustration 1 will result in damage to steering stabilizer and/or brackets.

- 12) Turn wheels completely in both directions. Verify that the steering stops make contact and the stabilizer shock does not bottom out or over extend. Verify that the stabilizer shocks do not bind or interfere with other components.