



SP008 INSTALLATION INSTRUCTIONS

Tools required:

- 11, 13, 19, 21, 24 socket or wrench
- 9/16 and 1-1/16" socket or wrench
- 10mm allen socket or key
- Flat head screw driver/chisel

Instructions:

1. Raise the front of the vehicle and support with jack stands on both sides. Remove the front wheels.
2. Using a **13mm wrench or socket**, remove the brake line mount from the strut.
3. Using a **10mm allen socket**, remove the two (2) bolts holding the caliper to the back of the spindle. Use a small bungie cord, piece of tie-wire or a zip tie to support the caliper and remove tension on the brake line in a position that is out of the way.
4. Remove the pin from the steering tie rod and use a **19mm socket** to remove the castle nut.
5. Remove the sway bar end link using a **9/16" socket and wrench**

(NOTE: you do not have to remove the tie rod and sway bar end link unless you require additional clearance or space to work.)

6. Using a **flat head screw driver** or flat chisel to remove the wheel bearing cap of the hub.
7. Remove the cotter pin and use a **1-1/16" socket** to remove the wheel hub nut.
8. Hold the wheel bearing in the caliper with your thumbs and remove caliper/wheel bearing assembly.
9. Using a **11mm socket**, remove the dust guard from the spindle.
10. Place a jack under the control arm and slightly compress the arm. This will take the spring pressure off of the strut.
11. Using a **24mm wrench and socket**, remove the two bolts holding the strut to the spindle.
12. While holding the shock, use a **21mm socket**, remove the nut holding the strut to the upper strut mount. Remove shock.

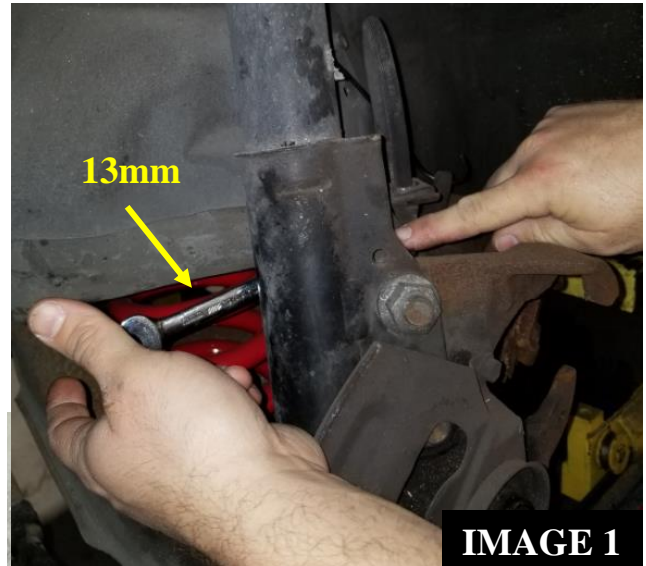


IMAGE 1



IMAGE 2

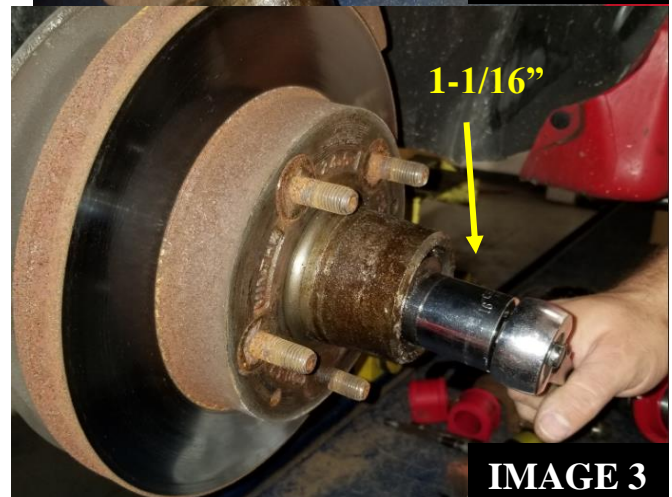


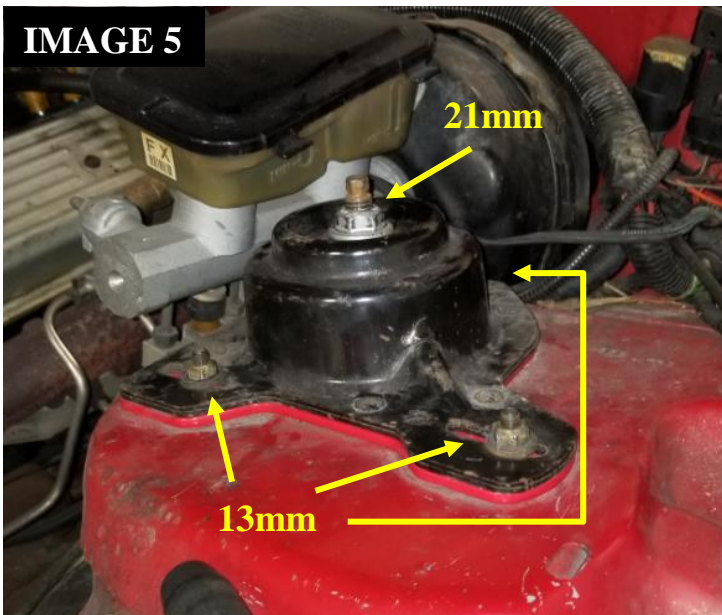
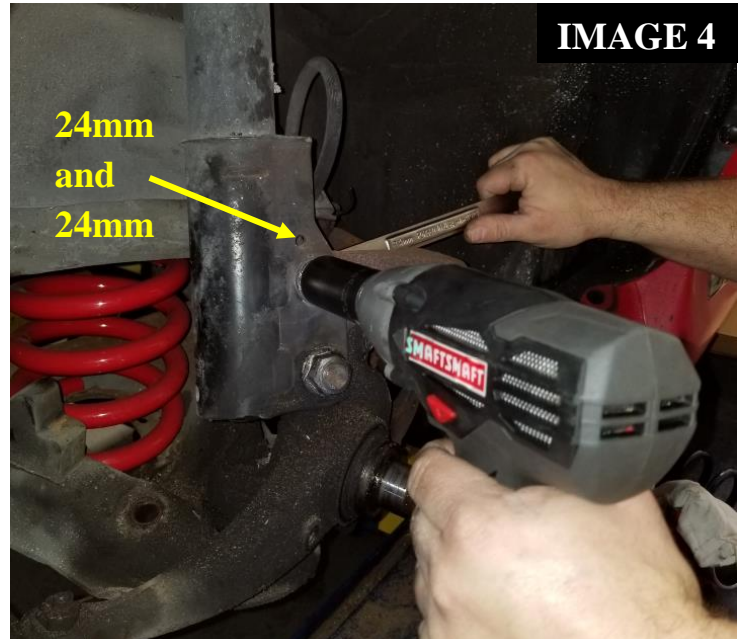
IMAGE 3

WWW.BMRSUSPENSION.COM

This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, buyer assumes all risk of any damage caused to vehicle/person during installation or use of this product.

SP008 INSTALLATION INSTRUCTIONS

13. Before removing the upper shock mount, use a marker or a wax marker to mark the location of the upper mount of the strut tower to be able to reinstall the strut with similar the same relative camber and caster.
14. Remove the three (3) strut mount bolts on each side using a **13mm socket**.
15. Assemble the coil over conversation kit outside of the vehicle as shown. Slide the threaded sleeve over the shock body with the tongue between the two (2) mounting faces of the strut. Screw the threaded collars all the way to the bottom of the sleeve and place the thrust bearing and washer on the collar. Place the spring over the strut and place the upper spring seat over. Lastly, place the strut mount on top of the upper spring seat and re- install the strut nut.
16. Place the entire coil-over strut assembly through the hole in the upper strut tower.
17. Using the provided torque specs, re-assemble the front suspension.



WWW.BMRSUSPENSION.COM

This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, buyer assumes all risk of any damage caused to vehicle/person during installation or use of this product.



SP008 INSTALLATION INSTRUCTIONS

<i>Fastener</i>	<i>Ft-Lb</i>	<i>N-m</i>
Strut to steering knuckle bolt	195	265
Strut upper mounting nut	50	70
Front upper strut mount to wheel housing tower	28	20
Front lower control pivot bolt nut	65	90
Bump stop to control arm	20	28
Control arm ball joint to steering knuckle	90	120
Steering knuckle to tie rod end nut	40	54
Tie rod clamp nut	14	19
Pitman arm to steering gear nut	180	250
Idler arm to frame nut	50	70
Power steering box to frame bolts	80	110

WWW.BMRSUSPENSION.COM

This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, buyer assumes all risk of any damage caused to vehicle/person during installation or use of this product.