



Dodge Ram 2WD~4WD 2500/3500/4500/5500

INSTALLATION INSTRUCTIONS

These installation instructions are meant to serve as a general guide to assist your SuperCoil installation. The images and text below might not correspond exactly with your vehicle.

Note: [Spring kits](#) are to be installed on vehicles with stock suspensions only. Numbered installation instructions correspond to process steps on next page.

1. Jack the front of vehicle in accordance to manufacturer recommendation and support frame with jack stands, remove the front tires/wheels. Start on driver's side.
2. Remove tie rod nut and separate tie rod [this can be accomplished after nut has been removed by repeatedly striking the end of the steering knuckle with a hammer; do not strike the tie rod threads].
3. Remove bolts securing brake caliper assembly, slightly depress brake piston to make it easier to reinstall, remove caliper and tie up/support assembly to the side. **DO NOT ALLOW IT TO HANG UNSUPPORTED BY BRAKE LINE.**
4. Remove brake rotor [remove and discard factory set/lock washers if present].
5. Remove the front sway bar end links where they secure at top, both L & R sides allowing the bar to pivot as needed.
6. Remove shock absorber lower mounting nut leaving shock mounted to upper control arm.
7. Position ample support under the lower control arm and lightly compress the coil spring.
8. Loosen the upper ball joint nut and separate the ball joint [this can be accomplished after nut has been loosened by repeatedly striking the side of the casting adjacent to the ball joint with a hammer; do not strike the ball joint threads].
9. Slowly back off the support from below the lower control arm decompressing coil spring in a controlled manner, with tension released remove the ball joint nut.
10. To assist in the installation of the new spring, note the coil springs seated position and remove. Remove factory rubber spring isolator(s) and re-position onto new spring, match up old and new springs, look for unique features to identify the top vs. bottom.
11. Install new coil spring taking note to re-seat/index it the same way as was noted above.
12. In the opposite manner to its removal, raise the lower control arm/coil spring to allow the upper ball joint to be seated and secured.
13. Reinstall shock absorber, remount brake rotor. Reinstall caliper assembly & secure using a suitable thread locker. Reinstall tie rod to steering knuckle.
14. Refrain from reattaching sway bar end links until steps 2-4 & 6-13 are repeated on the passenger side. Once completed, then reattach sway bar end links at both sides.
15. Install the front tires/wheels. With installation completed lower vehicle.
16. Ensure torque values of all nuts/ bolts affected by spring installation are per manufacturer recommendation.

