

Installation Instructions

Raise the truck with a jack and place on jack stands at the chassis. Remove wheels and tires. Remove axle nut.



Remove brake caliper and disconnect tie rod.



Remove sway bar links and ball joint.



4. Remove bolt on passenger side lower control arm and install washer to increase clearance between the bolt and the axle shaft. This step is important cannot be completed once the truck is reassembled. OPTION - grind bolt threads down 1/2" while leaving bolt installed.

Disconnect speed sensor wiring. Remove strut mount bolts at top of strut, behind plastic cover. Remove lower strut mount bolt.



6. Remove sub-frame bracket bolts. Remove 4 main sub-frame bolts then re-install 2turns. Do the bolts one at a time. This will give you enough 2" extra of space to put the strut back in without detaching the subframe from the vehicle. You will need the extra room.

With strut removed, install strut cap. Leave camber adjustment loose. The arrow on part faces forward. Right and left sides of truck use the same part.



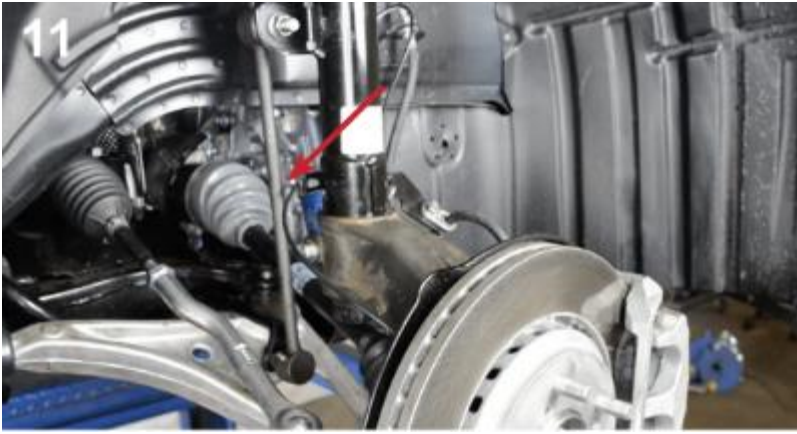
Add thick metal washer to indicated bolt to create space between bolt and axle.



9. Installation is a reversal of the removal process. Install strut with one nut to hold it in place loosely. Be careful not to cut the CV boot with the edge on bottom of the strut.

10. Before prying lower control arm down to install strut into spindle, check to see if you have done Step 1 and Step 6. The axle will need to slide into the spindle a little to make installation easier.

Install strut into spindle, using 36" prybar on lower control arm. Install replacement sway bar link, discard original links.



Install brake caliper. Install tie rod, ball joint, speed sensor wire, and axel nut. This is a reversal of the removal process.



13. Option to tighten now for test drive. Camber will be adjusted and top of mount tightened during alignment.

REAR INSTALLATION

1. Jack up truck, place jack stands under truck on frame. Undo rear upper strut mount bolts. Remove brake line support bracket
2. Remove 4 main sub-frame bolts then re-install 2turns. Do the bolts one at a time. This is to allow space for subframe to drop but not detach completely and make space to install split rear spacer.
3. Install split rear spacer. For smaller plates, use OEM bolts. Twist strut 180° for larger spacer. or larger spacer, use supplied hardware and OEM bolts.
4. Re-attach brake line bracket. Tighten sub frame bolts. Re-install subframe brackets.