



## Heavy Duty Adjustable Lower Control Arm Set Installation Instructions Part #: RT21060

### Kit Contents

- Adjustable Lower Control Arm Qty: 2

### Required Tools

- Ratchet
- 21mm Socket
- 21mm Wrench / Adjustable Wrench
- 1-5/8" Wrench/ Adjustable Wrench
- Hammer
- Punch
- Pry Bar
- Torque Wrench



**Ensure that all components in kit are accounted for.**

### Installation

1. Place wheel chocks against the tires of the axle not being serviced. Lift the vehicle by the axle, support the vehicle with jack stands at the frame, and remove the wheels.
2. Keep a floor jack under the axle with the suspension partially compressed for easy removal and installation.
3. Remove the left lower control arm from the axle. Retain the hardware.
4. Remove the left lower control arm from the frame. Retain the hardware.
5. Set both Heavy Duty Adjustable Control Arms to the desired length. Do not torque the jam nuts at this time.

Collapsed Length (Center to Center): 16"

Extended Length (Center to Center): 18"

6. Loosely install the Heavy Duty Adjustable Control Arm onto the vehicle using the factory hardware. The zinc-coated forged end should mount to the axle and the bend should face down.

**NOTE:** Raising or lowering the axle may aid in aligning the control arms with the brackets. Removing the track bar, shock absorbers, and sway bar links from the axle will provide additional suspension travel.

7. Repeat Steps 5, 6 &, 8 on the right lower control arm.
8. Install the wheels and torque the lug nuts to 95 ft. lbs. (130 N·m)

9. Remove the jack stands from the frame and lower the vehicle to the ground. Jounce the suspension a few times to ensure the vehicle is at ride height.
10. Check the pinion angle and tire position in the wheel opening to ensure they are in the desired position. Make any adjustments necessary.
11. Torque the lower control arm mounting bolts at the axle and frame to 130 ft. lbs. (176 N·m)
12. Tighten the control arm jam nuts.

**NOTE:** A few drops of blue thread locker on the threads of the jam nut will help prevent the jam nut from loosening over time. We also suggest painting a straight line from the jam nuts to the control arms to see if the jam nuts have loosened over time by eye.

### **Check torque on all bolts after 100 miles of driving.**

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