



Dodge Off Road, LLC

Specializing in Dodge Ram Solid-Axle 4x4
Suspension and Steering for Off Road Applications
855.9009.DOR sales@dodgeoffroad.com
dodgeoffroad.com

DODGE OFF ROAD 5TH GEN REAR ADJUSTABLE CONTROL ARMS

For all 2014-2017 Ram 2500 4x4 Trucks, including Power Wagon models

Thank you for your purchase of our adjustable rear control arms! Please read over the instructions carefully before beginning your installation. Installation should be performed by a qualified mechanic. This is not a difficult install, however it does require average mechanical ability and an understanding of suspension systems. Installation takes approximately 1 hour.

Your control arm kit includes two upper arms and two lower arms. The lower arms are the longer ones with a wider joint. The joints are the same on both ends of the lower arms, and the same on both ends of the upper arms. You will reuse your factory control arm hardware when installing these new arms.

Tools Needed

30mm socket, ½" drive or larger torque wrench, ½" drive or larger breaker bar or ratchet, and a 1-5/8" open ended wrench or a large crescent wrench.



Control Arm Installation Procedure

Park the truck on a flat, level surface. Ensure the truck will not roll away while you are working under it. Wheel chocks are recommended. Set the parking brake.

Remove the factory lower control arms, one at a time, by using a 30mm socket. The factory hardware uses a tab nut so you do not need to use a wrench to hold the nut while loosening the bolt head.

Once you have removed one lower arm, install the new DOR lower arm and torque both nuts to 350 ft.lbs. Do not overtorque or you may crack the Johnny Joint ball. Adjust the joints on the arm as needed to make the bolt holes line up with the factory brackets. The grease zerks can face up or down, as long as you can get to them it does not matter which direction they face.

You may find that the axle bracket is wider than the frame bracket on the lower arms. Once you torque the bolts, the small gap will close up. The joints are the same size on both ends so you do not need to swap the arms around.

Repeat the same procedure on the other side of the truck, replacing that lower arm and torquing the bolts to spec.

Once the lower arms are replaced, you can replace the upper arms one side at a time. Torque those bolts to the same 350 ft.lbs.

Once all four arms have been replaced, you can adjust the axle position as needed. The arms are dual adjustable so all you need to do is loosen the jam nuts on both ends of an arm, and twist the arm to lengthen or shorten the arm. This can be done by an alignment shop to get your axle squared up, and to correct the pinion angle.

When the arms are the length that you want, torque the jam nuts to 225 ft.lbs and make sure that the jam nuts are tight against the tube, not the joint.

We include four stickers for the arms but we do not put them in place since the arms are adjustable. Once you have the arm length set, you can put the stickers on the arms anywhere you want. If you place them near the middle of the arms, it looks really good from the side of the truck.



Final Notes

Make sure that your brake lines are not rubbing against any hardware. You can fasten the brake lines up to the arms if needed.

Please recheck all hardware after 500 miles. Recheck as needed afterwards. Trucks used in harsh conditions such as gravel roads, poorly maintained roads, or in off road environments, should recheck hardware more frequently. It is up to the owner of the truck to ensure all hardware is securely tightened and remains tight as part of your truck maintenance.

Use any standard automotive or marine grease on your joints. The joints have a light coating of gray moly grease from assembly, but otherwise there is no grease in the joints at all until you fill them up. Pump grease into each joint until it starts coming out around the Johnny Joint ball.

If you have any questions, please do not hesitate to call or email us! We can troubleshoot your install quickly if you provide a couple of pictures of the issue you are having. Thanks again for your purchase.

Check out our other products for more Dodge Ram upgrades: store.dodgeoffroad.com

We make the only upgraded steering linkage for 2014 and up Ram 2500 trucks, and we have several other suspension and steering products to beef your truck up.



DOR Steering, Track Bar, and Steering Brace shown



Made in the U.S.A.