



Solid Steel Industrial Manufacturing Ltd.

Dodge Ram Adjustable 4-Link Control Arm System Installation Instructions

1. Mark the location of the factory cam adjusters on the axle before starting the install.
2. Install supplied grease zerk fittings in threaded holes on each end of control arms. Coat the inner and outer surface of the bushings as well as the inner steel sleeve with supplied grease.
3. Note the difference in length of the Upper Control Arm ends - the shorter end must be positioned towards the front of the truck at the axle.
4. Insert bushing halves from each side of the control arms, then install the steel sleeve. Install the #2120 bushings and steel sleeve in the Lower Control Arms, install the #2105 bushings and steel sleeve in the Upper control arms. (Upper & Lower bushing and sleeve sets are separated in the carton for easy reference)
When installing the bushings and sleeves, it may be required to use a vise or tap lightly with a rubber mallet - be careful to not damage the steel sleeves
5. You will find one 14mm X 150mm bolt, washer, and nut in the supplied hardware kit. This is for use on the Upper Control Arm on the passenger side frame mounting location. On some trucks it is easier to cut the factory bolt instead of removing the exhaust to allow enough room to remove the bolt. When installing the new control arms, use the supplied bolt, washer, and nut, inserting the bolt from the outside of the frame.
6. Remove your factory control arms and install the new adjustable control arms one at a time.
DO NOT REMOVE ALL CONTROL ARMS AT ONCE
7. Use all existing bolts and washers with the possible exception of the passenger side upper control arm frame mounting bolt.
8. When the adjustable control arms are installed, position the factory cam adjusters to your previous reference marks. Torque lower control arm mounting bolts to 160 ft/lbs, torque upper control arm mounting bolts to 110 ft/lbs.



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Adjusting Control Arms:

1. Each control arm has an adjustment sleeve with right and left hand threads with corresponding jam nuts at each end of the adjustment sleeve.
2. Loosen the jam nuts and turn the adjustment sleeve to the desired position, then tighten the jam nuts while holding the adjustment sleeve in position.
3. SSI recommends that you have an alignment done once you have the adjustable control arms installed and adjusted.
4. Our 4-Link adjustability allows you to position your front axle where required to eliminate tire rub and also allows you to dial in your caster exactly where you want it. We recommend 4.5 to 5.0 degrees positive caster.

****NOTE: Check all torque specs after 500 miles and include the Adjustable Control Arms in your chassis lube regimen****

Questions or Problems CALL (503) 654-9004
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or visit www.solidsteel.biz