



THUREN FABRICATION

1994 - 2013 CONTROL ARMS

These instructions are applicable to the following Trucks:

- 1994 - 2013 Ram 2500
- 1994 - 2012 Ram 3500
- 2005 - 2013 Power Wagon

Applicable Part Numbers:

- 1994-2002 TF-CA-9402
- 2003-2013 TF-CA-0313

1. Pre-Assembly

You do not need to jack the truck up, or remove the wheels, to install Thuren Control Arms. Park on level ground and use wheel chocks on the front and back side of the wheel on the side you are working on.

To help remove the OEM arms, and to help get the new arms in, you can roll the tire back and forth a bit to make the process easier. This helps install the hardware too.

WARNING

Following these instructions, it's mandatory to install control arms one side at a time. Never remove control arms from both sides of the Chassis while there is weight on it. The axle could roll and put you in danger if you do this.

- Use supplied replacement bolts for the upper frame side Control Arm mounts. (*years 03-13*)

PRO-TIP

03-13 Cummins Trucks, it is normally easier to cut the upper passenger side bolt off instead of moving the exhaust system to clear the bolt.

The supplied upper frame mount bolts are a fine thread and provide better clamping force than the OEM bolts. The extra washers for the upper arm frame bolt are to space the nut away from the frame for easier access with a wrench.

2. Install Control Arms

- Install the upper Control Arm with the tube offset inwards, toward the frame. Install the lower Control Arms with the bend facing in towards the frame. On 2010+, trucks note the bolt hole sizes in the center balls as the axle side uses a bigger bolt than the frame side.

The grease fittings on the upper arms should be facing downward and the grease fittings on the lower arms should be facing upward.

Install the upper axle bolts at the axle from the inside out because the bolt can hit the frame if installed from outside in, when the suspension compresses.

- Torque 14mm Bolts to 150 ft/lbs – All upper Control Arm bolts
- Torque 16mm Bolts to 215 ft/lbs – All lower Control Arm frame bolts and 2003-2009 lower Control Arm axle bolts
- Torque 18mm Bolts to 225 ft/lbs – Lower Control Arm axle end bolts 2010+
- Torque 9/16" bolts included with arms to 150 ft/lbs
- Grease joints after install

1994-2002
2500/3500



2003-2013
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