

SILVERADO 1500 FIXED OFFSET CONTROL ARM

This part should only be installed by personnel who have the necessary skill, training and tools to do the job correctly and safely. Incorrect installation can result in personal injury, vehicle damage and / or loss of vehicle control.

Plan Ahead - Read All Instructions BEFORE installing part.

Check for loose or worn parts, proper tire pressure, and odd tire wear patterns before beginning alignment.

1. Raise vehicle and support by lower control arms.
2. Remove front tire and wheel assembly.
3. Remove nut from ball joint end of OE arm and break taper on upper ball joint to knuckle using SPC 37985 or equivalent.
4. Remove the brake line bracket and ABS wire from the upper control arm.
5. Remove OE upper control arm and support knuckle to prevent damage to axle shafts and brake lines.
6. SPC 86470 control arms have a fixed 2° of caster built in. For lifted trucks, arms should be installed so ball joint is offset towards rear of truck. For lowered trucks, arms should be installed so ball joint is offset towards front of truck as shown in **Figure 1**.

Note: If you are putting this arm on a truck with stock ride height, run it in the lifted truck orientation with ball joint towards rear of truck. Extra caster will help improve handling feeling.

7. Install SPC control arm and loosely install inboard mounting fasteners with OE cams.
8. Install ball joint stud into knuckle and tighten to manufacturer's specification, tighten more as necessary to install cotter pin.
9. Reinstall brake line and ABS wire to new control arm. If ABS wire retainer cannot be reused secure with sturdy cable tie.
10. Grease ball joint with an **NLGi #2, Grade LB with 3%-5% Molybdenum Disulfide grease**. 5 to 10 pumps of grease is sufficient at each lubrication.

WARNING: FAILURE TO GREASE AND MAINTAIN THIS BALL JOINT MAY RESULT IN PREMATURE FAILURE.

11. Reinstall tire and wheel assembly and lower vehicle.
12. Adjust camber and caster using OE cams.
13. Once alignment is set, torque fasteners to manufacturer's specification.
14. Complete alignment and road test vehicle.

Always check for proper clearance between suspension components and other components of the vehicle.

Maintenance:

Lubrication Interval - SPC recommends adding 5 to 10 pumps of grease to ball joint at each oil change, or after operating vehicle in wet or dusty conditions.

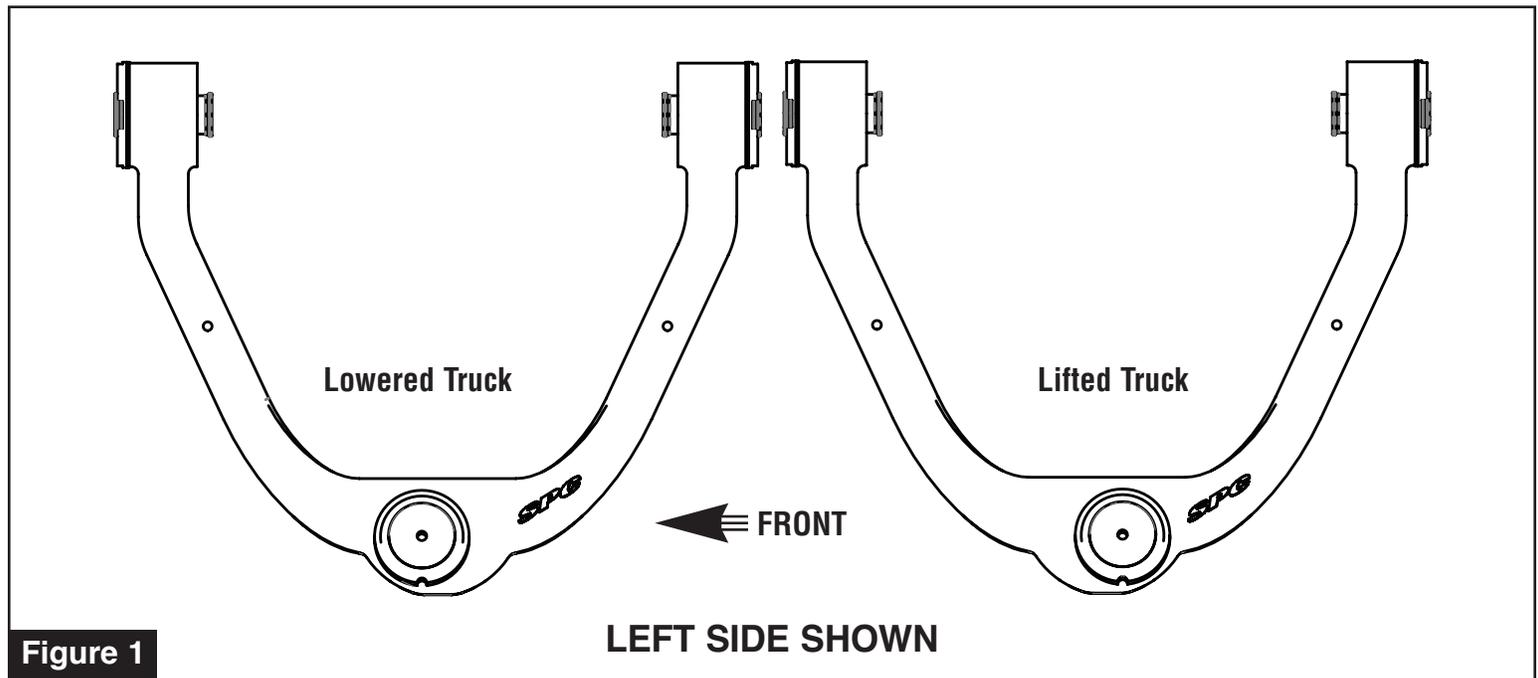


Figure 1

LEFT SIDE SHOWN



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