

PART NO. 92142

SPC PERFORMANCE

Instruction Sheet: ADJ UCA – 5" STEEL SHAFT ADJUSTS 7" TO 9" THREADED 10° PLATE

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.

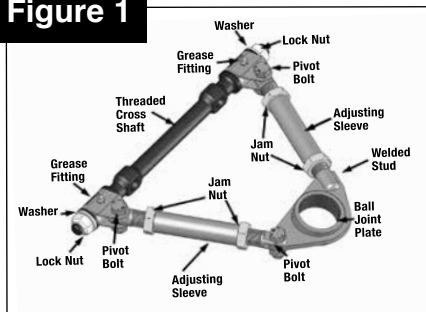
Plan Ahead - Read All Instructions BEFORE installing part.

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

SPC Performance Pro Series **Part No. 92142 - ADJUSTABLE UPPER CONTROL ARM** - upper control arm lengths can be adjusted from 7" to 9". The arm accepts the standard **Chrysler Screw-In Ball joint - Part No. 94002** or equivalent (use **Socket #68880** for easier installation of ball joint).

Determining Arm Orientation: Each control arm is made side-specific by changing the orientation of the ball joint plate. Welded stud on ball joint plate should be positioned towards front of vehicle on right/passenger side and towards back of vehicle on left/driver side. To change orientation, loosen and remove the two pivot bolts closest to the cross-shaft, allowing the threaded adjuster sleeves and ball joint plate to be removed from the cross-shaft as one assembly. Flip the orientation of the removed assembly and reinstall onto cross-shaft. If further adjustment is needed, lightly tighten pivot bolts and see **Adjusting the Arm** section, otherwise torque pivot bolts to **60 lb-ft [81.3N-m]**.

Figure 1



Setting Cross Shaft Endplay: Arms have been preassembled with no pre-adjustments. At the time of installation, you will adjust cross-shaft endplay as follows.

1. Ensure pivot bolts are assembled loosely
2. Tighten locknuts on each end of cross shaft with hand tools until there is no detectable play between

washer and pivot assembly (do not overtighten, it is **CRITICAL** that locking nuts are not torqued beyond zero-end play).

3. Pivot arm vertically to confirm it pivots freely on cross shaft but does not exhibit end play / horizontal movement.

Adjusting the Arm: To make alignment or fitment changes, slightly loosen the 3 pivot bolts. Loosen jam nuts on either side of both adjusting sleeves (nuts closest to cross shaft are left-handed threads and are marked with notches). Make the needed adjustments by rotating the adjustment sleeves which will lengthen or shorten the arms. Once the desired alignment has been achieved, retighten jam nuts and torque each pivot bolt to **60 lb-ft [81.3 N-m]**.

NOTE: There should never be more than 1" of threads showing past the tightened jam nuts on either side of adjustment sleeves. Different length adjusting sleeves are available if your application requires it.

Greasing Arm Pivots: Before operation, control arm pivots need to be greased using an appropriate/approved grease. Make sure to check and grease these pivots often. SPC requires a grease which meets the following standards - NLGI #2, Grade LB with 3-5% Molybdenum Disulfide. Visit SPC's FAQ section online for more information.

Always check for proper clearance between suspension components and other components of vehicle through entire range of suspension travel.



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