**PART NO. 67815** **Instruction Sheet** **TOYOTA ADJUSTABLE CONTROL ARM**

**Check out how to install this part at: http://www.spc-tv.com**

***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.***

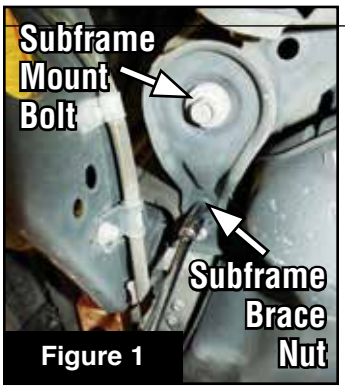

Figure 1

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

1. Take alignment readings and determine amount of camber change needed.
2. Raise vehicle and support by frame so suspension hangs free. Remove rear tire and wheel assembly.

***Tech Tip: Mount and zero SPC 81139 magnetic camber gauge to brake rotor.***

3. Disconnect brake hose guide bracket and both ABS wire guide brackets from OE upper control arm. Retain OE hardware. Remove outboard nut and bolt connecting upper control arm to knuckle.
4. Remove nuts fastening both forward subframe bushing braces and remove braces. See ***Figure 1.***
5. Loosen, but DO NOT REMOVE forward subframe bolts. Let front of subframe drop about ½"(13mm).
6. After subframe is lowered, remove inboard control arm bolt by turning bolt head as locking features of nut prevent nut loosening. Remove OE rear upper control arm.

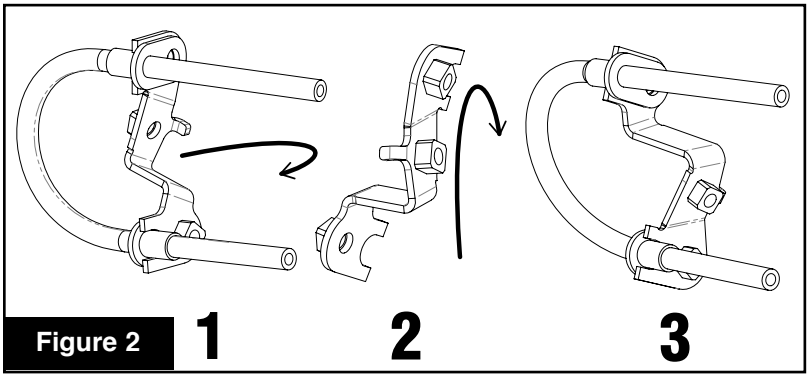

Figure 2

7. Before installing SPC upper control arm, adjust new control arm to approximately same length as OE arms. Ensure equal thread is visible beyond both large and small jam nuts when seated.
8. Reposition brake hose guide bracket by removing both bolts to crimped tabs on brake line. Spin and flip guide bracket per ***Figure 2***, then reinstall bracket to brake hose in new orientation using OE hardware.
9. Install SPC control arm to knuckle so outboard end passes through loop made by brake hose and guide bracket. Torque M14 to manufacturer's specification. ***Figure 4.***

   **Note: Outboard bolts may be tightened with arms in any position as xAxis™ joints will rotate freely.**

Figure 3

***Tech Tip: Using a drift or punch, push sliding sleeve back into knuckle clevis tab to allow clearance to control arm joint before tightening. See Figure 3.***

10. Install inboard control arm to subframe bolt from the rear, with nut on at front of subframe bracket, and loosely tighten.

    **Note: Tightening bushing fasteners with vehicle in raised position may cause premature bushing failure.**
11. Tighten subframe bolts and bushing brace nuts to manufacturer's specification.

***Tech Tip: Complete steps up to this point on both sides before reinstalling subframe.***

12. Install ABS wire guide brackets and brake hose guide bracket to SPC control arm assembly using OE hardware and torque specifications. Brake hose guide bracket may still rotate until jam nuts are tightened.
13. Adjust control arm to desired camber setting by rotating center hex adjuster.

    **Note: Threads visible beyond jam nuts should not exceed 16mm (5/8") each side. Exceeding the range of adjustment of these arms may cause the arm to fail and void warranty.**

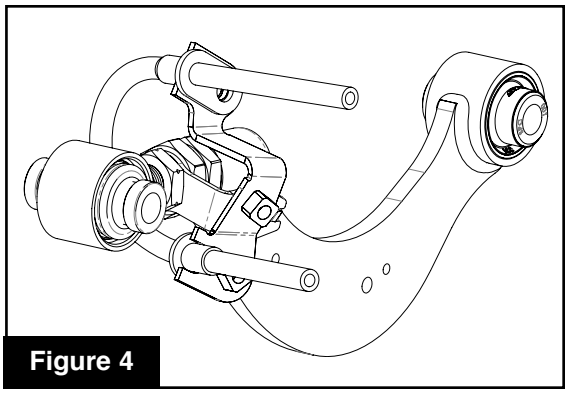
Figure 4

***Tech Tip: Use magnetic camber gauge SPC 81139 for quick adjustment.***

14. When finished adjusting, tighten jam nuts against hex adjuster to lock setting. Ensure outer joint is centered in its rotational travel when jam nuts are tightened. Ensure brake hose guide bracket keeps brake hose away from other components and does not strain brake hose when jam nuts are tightened.
15. Reinstall tire and wheel assembly and lower vehicle. Settle suspension to normal ride height.
16. Torque inboard control arm bolt to subframe to manufacturer's specification.
17. Confirm camber change and adjust rear toe. Complete alignment and road test vehicle.

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

**Specialty Products Company®**

4045 Specialty Place • Longmont, CO 80504 • (303) 772-2103 • Fax: (303) 772-1918 • www.specprod.com • Email: info@specprod.com

***Toll Free Technical Hot Line: 1-800-525-6505*** **• For warranty information go to: www.specprod.com/warranties**