



FR-S / BRZ / GT86 Rear Upper Control Arms

ALIGNMENT IS HIGHLY RECOMMENDED AFTER INSTALLATION!!!

Install Time: 1.5 to 2 hours

In the Box:

- (2) 4130 Chromoly upper control arms
- (4) Urethane bushings
- (2) Rod ends
- (2) 2 CNC machined studs
- (2) 1/2" bolts for studs

Tools:

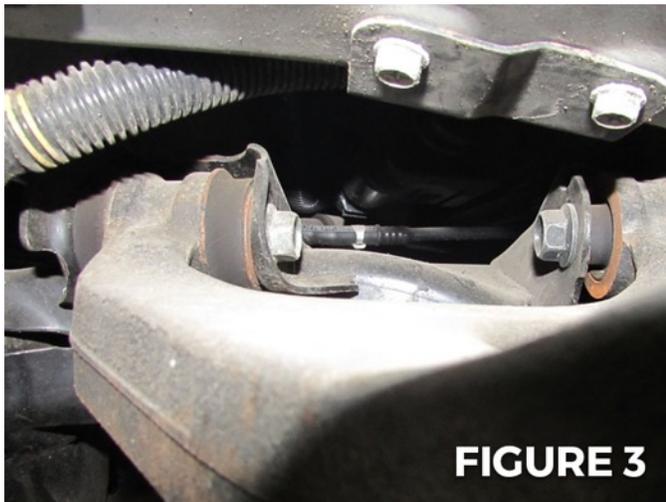
- Socket wrench
- 17mm socket
- 17mm open wrench
- 10mm socket
- Torque wrench

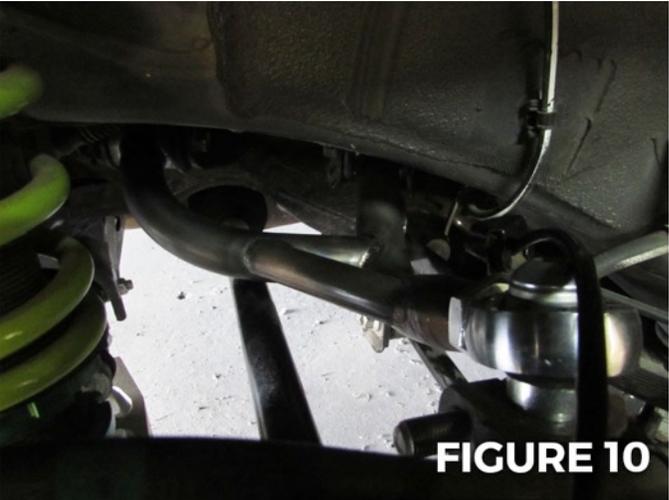
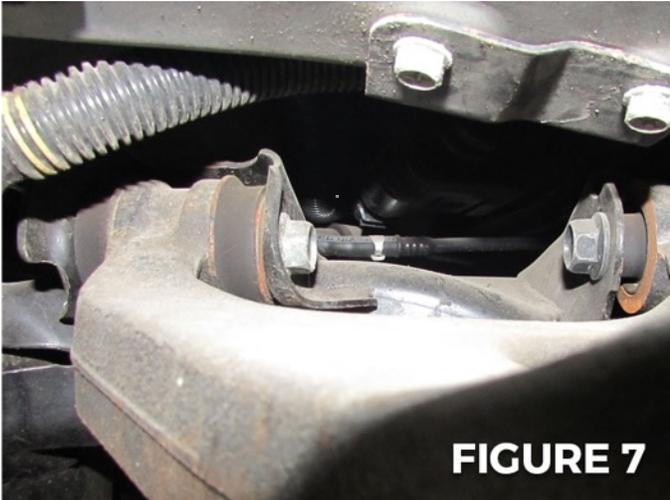
Instructions:

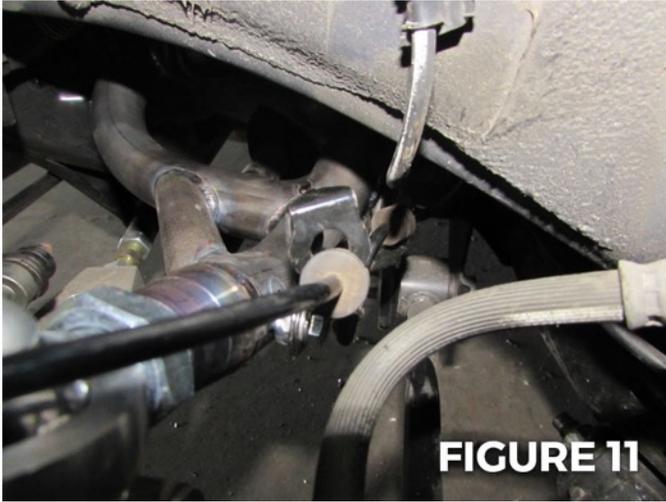
1. Start by safely supporting the rear of your vehicle and remove rear wheel. Remove (5) lug nuts and rear wheel. (Figure 1)
2. Rear upper control arm is now shown, start by loosening bolt at hub but do not remove it. Use 17mm socket. (Figure 2)
3. Loosen the 2 bolts at the subframe, use 17mm socket and open end wrench. (Figure 3)
4. Remove the bolt at the hub, be careful the hub will fall once the bolt is removed. It may be necessary to lightly tap the stud with a punch to loosen it from the hub. (Figure 4)
5. Remove the wiring grommets from the metal bracket on the upper control arm. Then loosen and remove the (2) bolts holding the bracket to the control arm using a 10mm socket. Remove bracket. (Figure 5)
6. Bracket removed from control arm. (Figure 6)
7. Remove the 2 bolts from the sub-frame and then remove the control arm. (Figure 7)
8. Upper control arm removed from vehicle. (Figure 8)
9. Straighten the rear of the wiring bracket, then attach the bracket to the Racer X upper control arm with supplied 10mm bolts. Do not over-tighten. (Figure 9)
10. Install upper control arm, place upper control arm into sub frame and insert OEM bolts to hold control arm to frame. Install rod end stud to hub, bring hub up to control arm and then insert bolt. Do not tighten bolts. (Figure 10)
11. Insert sensor grommets into the OEM bracket. (Figure 11)
12. Tighten OEM bolts at the sub-frame to 66 ft/lbs. Tighten OEM bolt at hub to 59 ft/lbs. Re-install wheel and tighten to 89 ft/lbs (OEM spec for OEM wheel). Safely lower vehicle and enjoy your freshly installed components!

Camber tips:

One full turn of the rod end is equal to a 1/2 degree of camber. If you are using the upper control arms for Stance, start by bringing the lower control arm camber adjustment back to OEM specification. Set the rough camber range using the upper control arm then fine tune the final camber setting at the lower control arm.







Questions, comments, or concerns? Email tech@racerxfabrication.com.