



WRX / STI Front Lower Control Arms

ALIGNMENT IS HIGHLY RECOMMENDED AFTER INSTALLATION!!!

Install Time: 1 to 2 hours

In the Box:

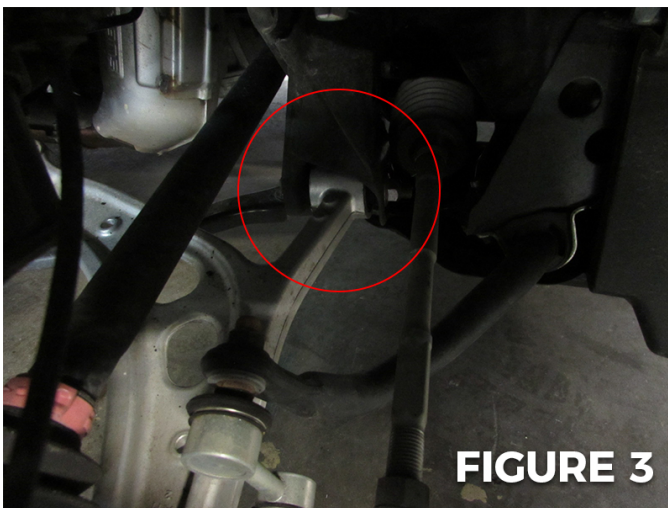
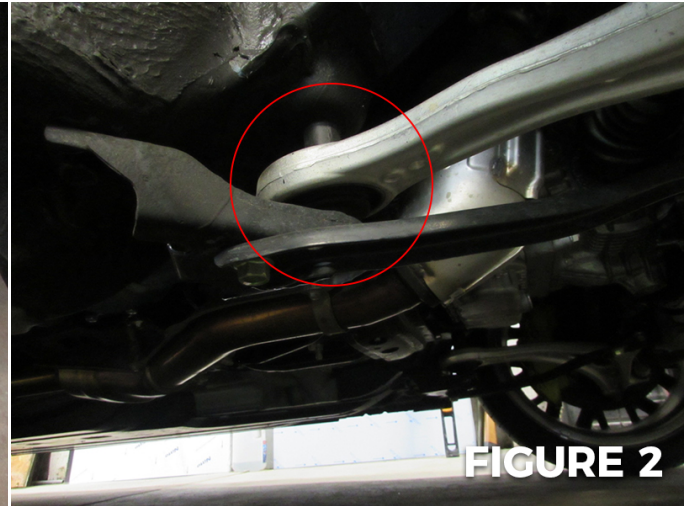
- (2) Front lower control arms
- (2) 1/2" Washers
- (2) Spacers (2015-2018)

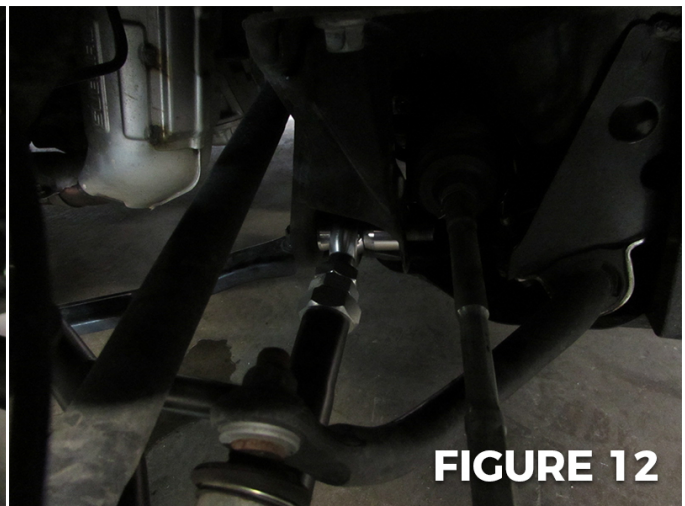
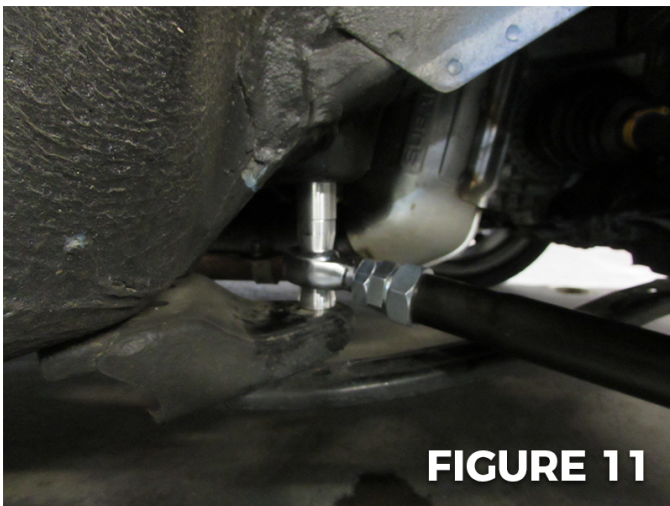
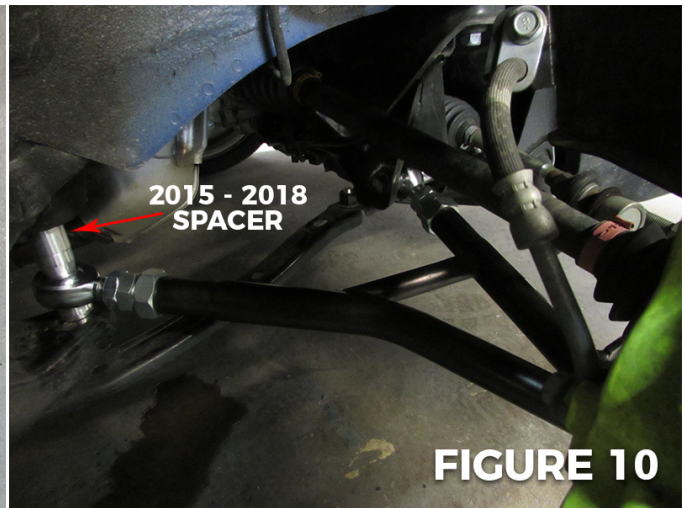
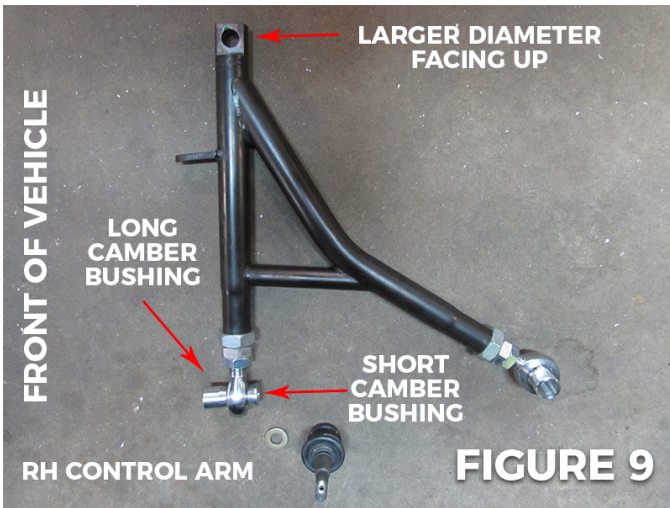
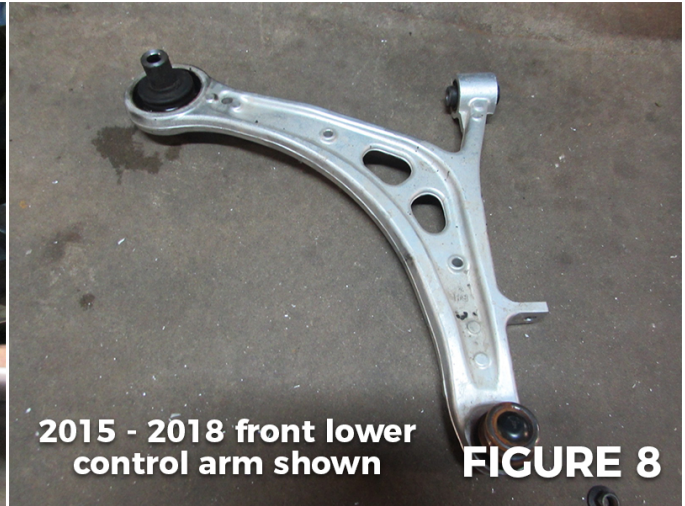
Tools:

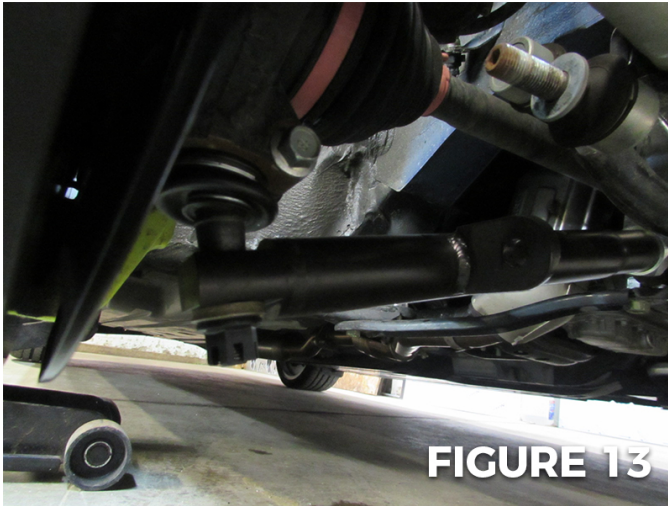
- Socket driver
- 19mm socket
- 17mm socket
- 14mm socket
- 17mm open ended wrench (14mm wrench for 2008-2014)
- 6mm Allen key (5mm key for 2008-2014)
- Torque wrench
- Rubber mallet

Instructions:

1. Safely raise and support vehicle, remove front wheel. (Figure 1)
2. Locate front lower control arm and loosen bolts, but do not remove. The 17mm and 19mm socket will be needed for these connections. (Figure 2 & 3)
3. Locate front sway bar end link. Using 17mm open end wrench (14mm for 2008 to 2014) loosen bolt, a 6mm Allen key will prevent the stud from spinning (5mm for 2008-2014) Tip: If you are only supporting 1 side of the vehicle, it will be necessary to raise the knuckle to remove tension from the sway bar to remove the end link (Figure 4 & 5)
4. Loosen caster arm mount to assist in removing lower control arm, but do not remove bolts. (Figure 6)
5. Locate lower control arm ball joint. Loosen bolt at the knuckle and remove using 14mm socket. Lightly tap on control arm with rubber mallet to free ball joint from knuckle. (Figure 7)
6. Remove bolts the 2 bolts that were loosened in prior steps. Remove control arm from vehicle. (Figure 8)
7. Prep front lower control arms for installation. The black aluminum cone on the OEM ball joint must be removed. (Figure 9)
8. Install front lower control arm. Locate arm into position and slide connecting bolts through, but do not tighten. Slide pinch bolt through knuckle to support bolt joint. (Figure 10)
9. Tighten control arm to spec: camber arm bolt 70 ft/lbs, caster arm bolt 103 ft/lbs, caster arm support bracket bolts 111 ft/lbs, ball joint pinch bolt 37 ft/lbs. (Figure 11 & 12)
10. Reinstall sway bar end link. Tighten to 44 ft/lbs (2015-2018) or 33 ft/lbs (2008 -2014). Tighten ball joint nut with supplied washer to 33 ft/lbs, continue tightening until castle nut is aligned for cotter pin. (Figure 13)
11. Installation is complete, professional alignment is necessary for correct installation. Please remember that adjusting the camber arm will affect the caster arm.







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