Crawford Performance Rear Control Arms
2018+ Crosstrek, 2019+ Forester

A0100-1 Parts List

Part Number	Quantity	Description
A0100	1	Control arm – Rear lower control arm Billet Aluminum
A0101	2	Collar – Heim Adjustment Collar
S0100	4	Spacer – Heim Spacer
H0100	2	Heim – 5/8 Hole, 3/4 Shank
B0001	4	Bolt – 10.9 M12-1.25 x 100 Black Zinc
B0003	4	Bolt – 12 Point Flange Bolt
N0002	4	Nut – M12-1.25
N0004	4	12 Point Flange Nut

Hardware:

Tools Needed:

Ratchet Wrench 17 mm Socket 10 mm Socket 8 mm Ratchet Wrench 17 mm ratchet wrench

Extra tools:

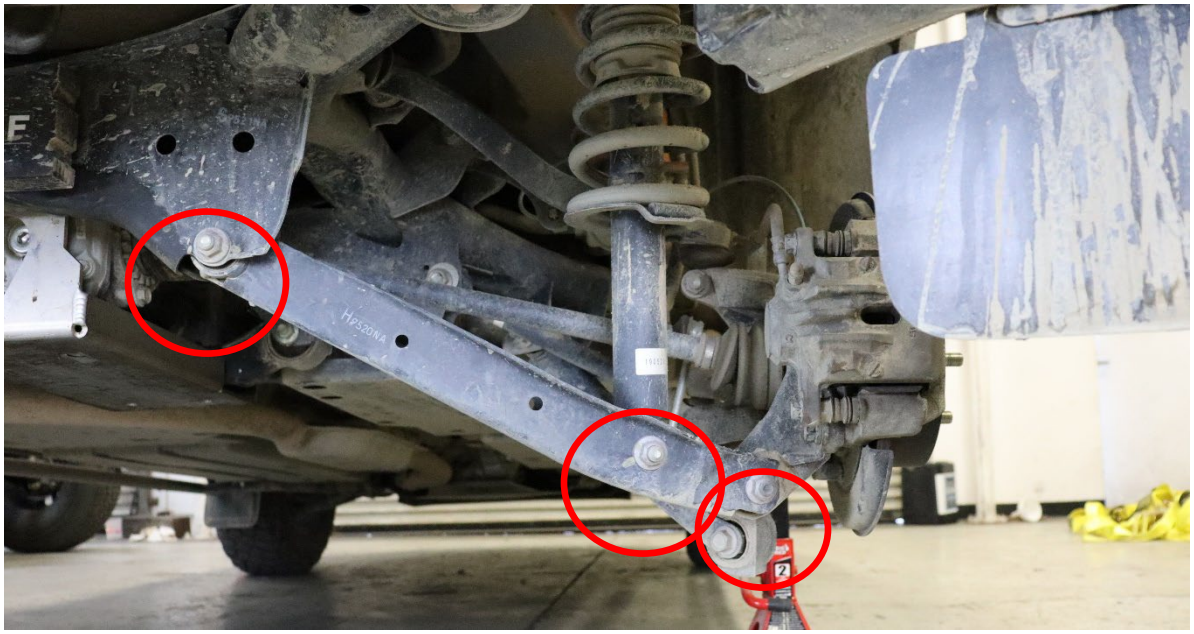
- Floor jack
- Long screwdriver

Installation Instructions

Crawford Performance recommends all steps and procedures described in these instructions be performed while the vehicle is properly supported on a two-post vehicle lift with safety jacks.
Otherwise, park vehicle on a clean flat surface and block the front wheels for safety. Engage the parking brake. The process shown below is for the passenger side of the vehicle. Simply repeat the process for the other arm to complete the job.

1. Before lifting the car off the ground, remove the rear lug nuts.
2. Jack the rear of the vehicle up and place on jack stands so rear arms are fully drooped.

3. Locate the three 17 mm bolts that will be removed to drop the stock control arm out of the vehicle.

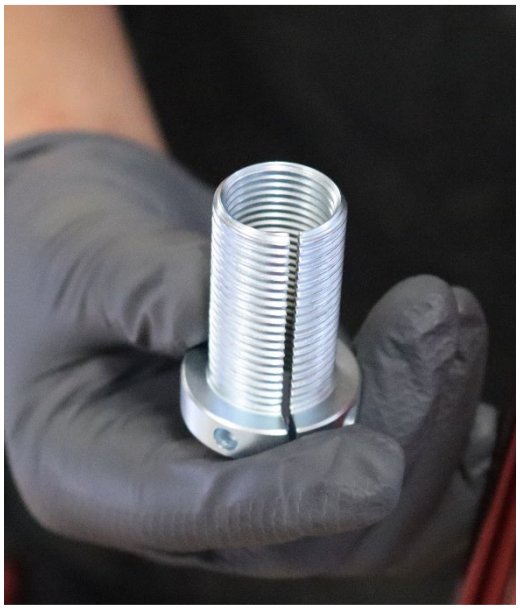


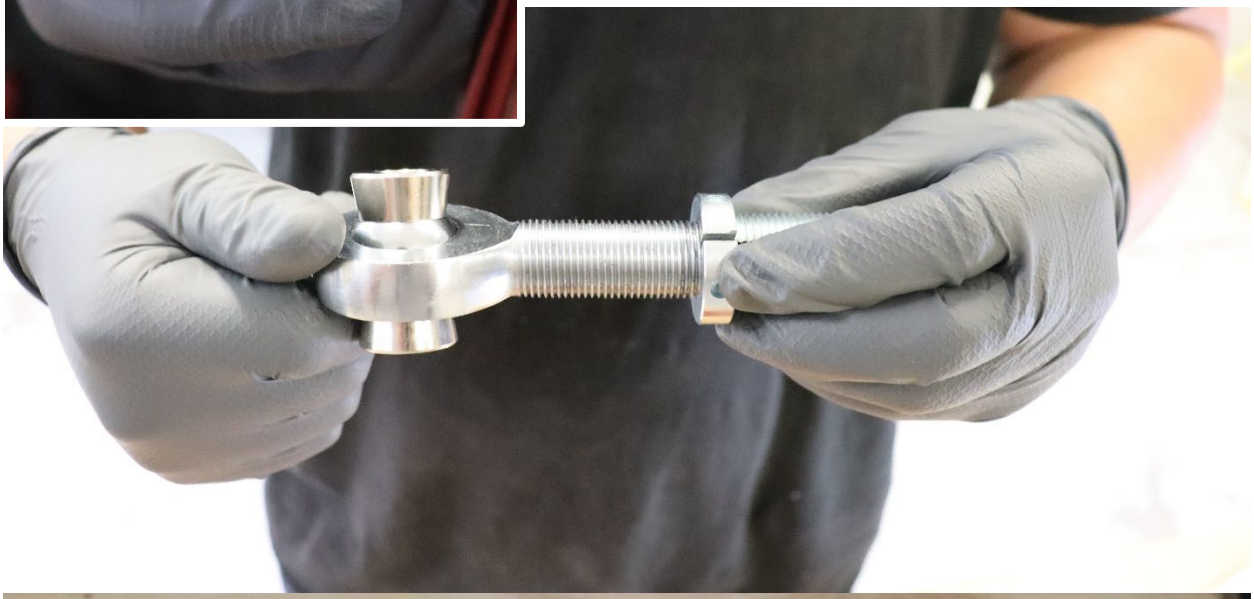
4. Undo the 3 lower control arm bolts and remove the arm. A jack stand may be needed to relieve pressure off these bolts to make their removal easier. If you use power tools, be sure not to strip any hardware. Repeat for the driver side. (17mm ratchet wrench, 17 mm standard wrench)

5. Before installing the Crawford Performance lower control arms, you will need to assemble the adjustable heim joint. All components are shown below.

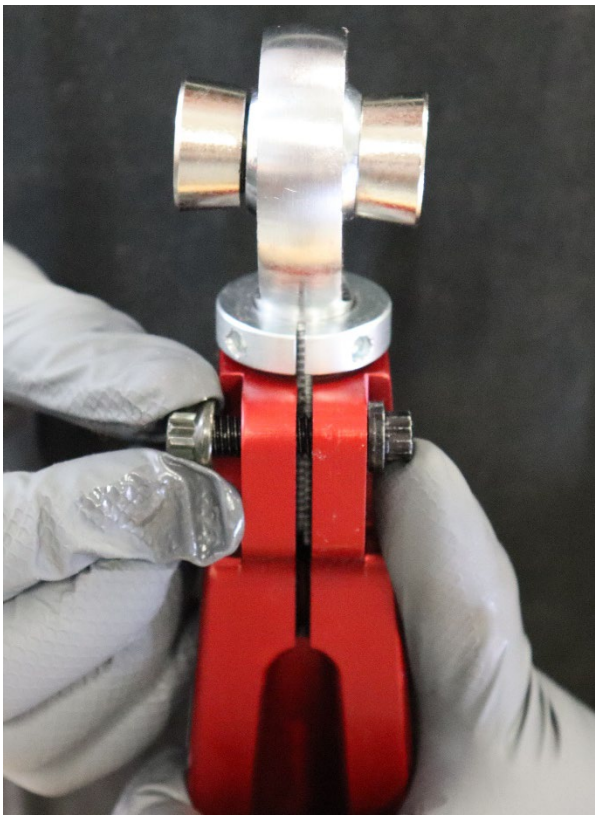
6. Install the heim spacers into the heim joint. Make sure to line them up properly and fit them one at a time, the pieces will be a very tight fit.

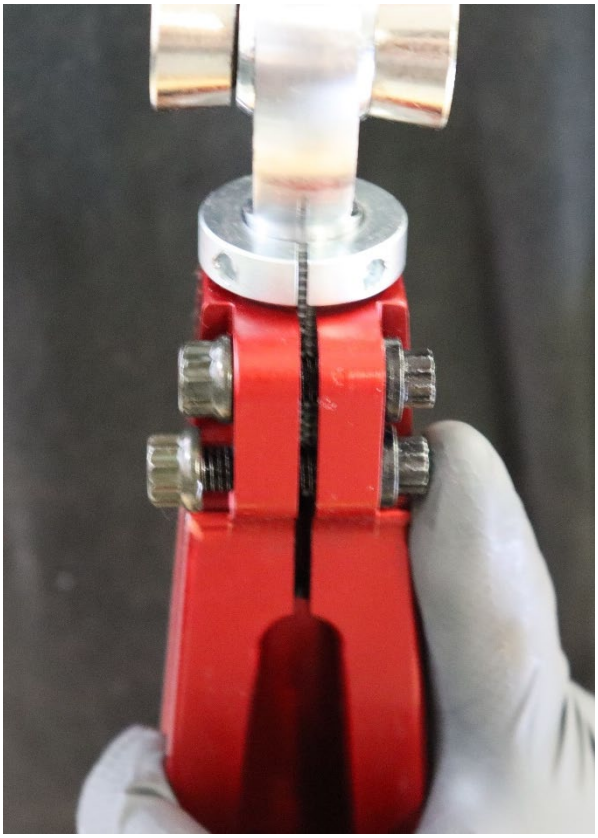
7. Apply anti-seize to the heim joint threads and install the heim joint into the alignment sleeve completely, so that the heim joint has no threads showing. Then apply anti-seize to the adjustment sleeve and proceed to thread the interlocked heim joint and alignment sleeve into the control arm. When threading the alignment sleeve, heim joint combo, the threading will be left-handed, meaning you need to turn it left to tighten it into the arm.



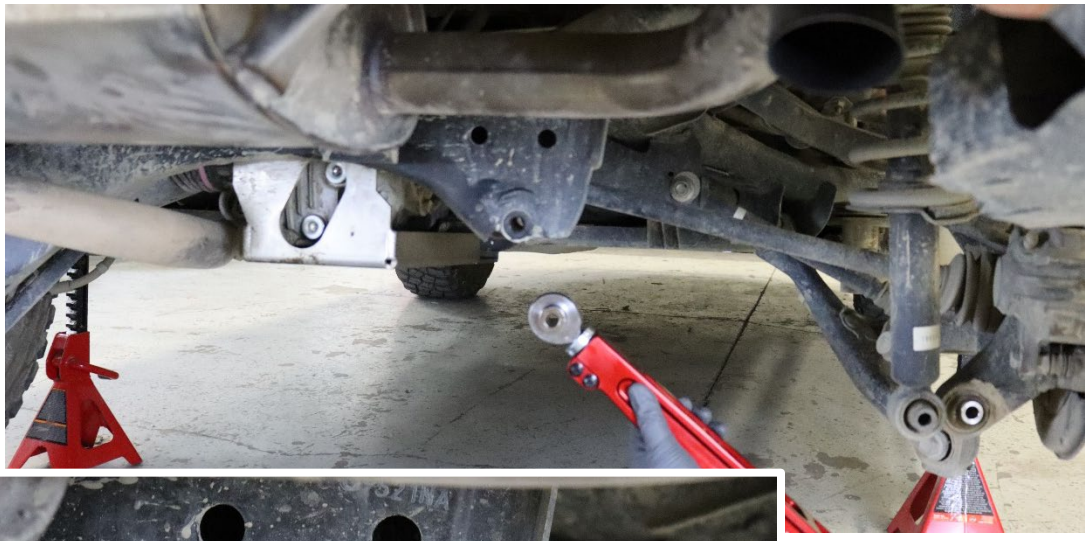


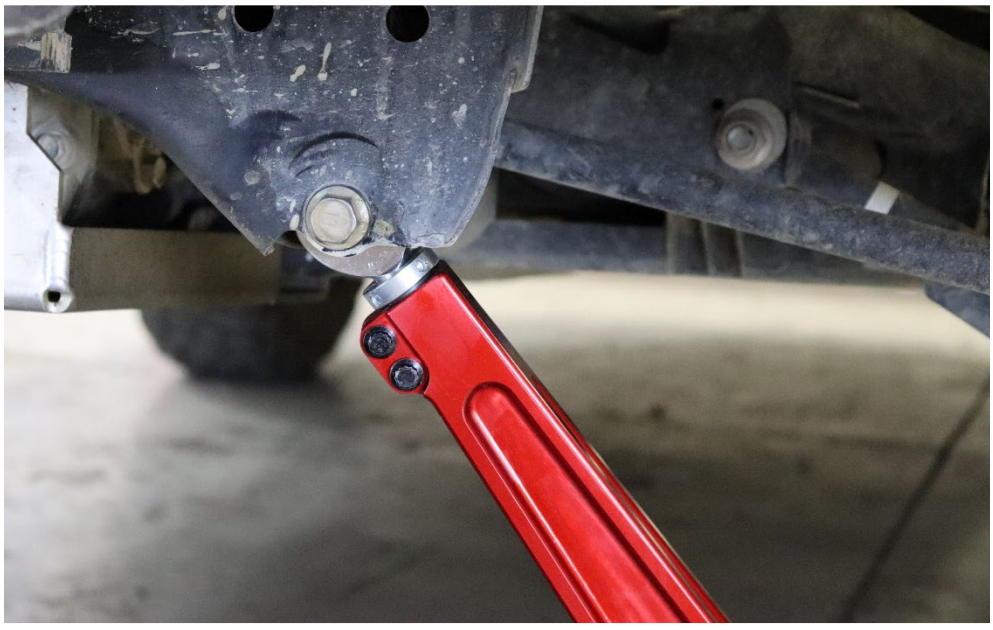
8. Install 2 of the provided 8 mm 12-point bolts into the locking joints on the control arm and fasten with the provided 10 mm 12-point nuts.



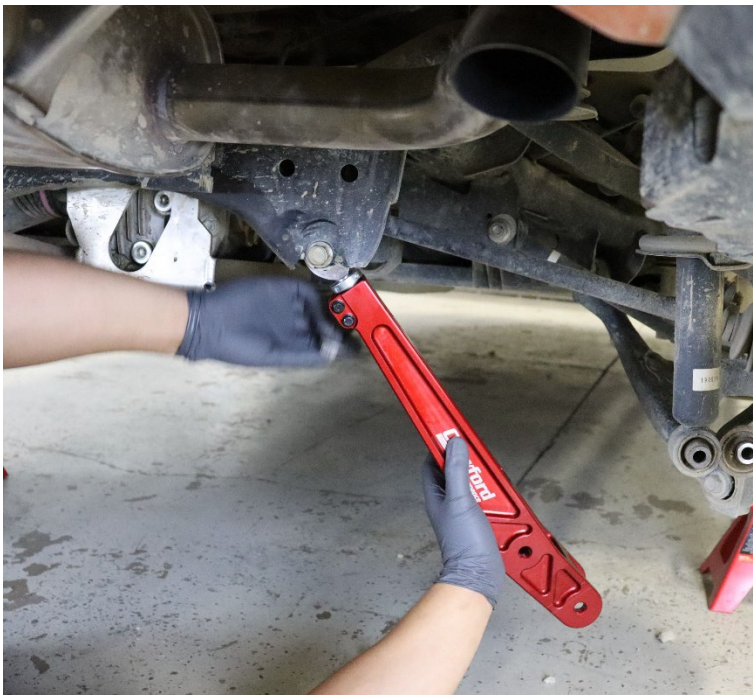


9. Install the heim joint to the chassis using the OEM 17 mm bolt removed in step 4. Do not tighten yet. (17 mm ratchet wrench, 17 mm standard wrench) Be consistent with the direction your bolts face, either towards the front or rear of the car.

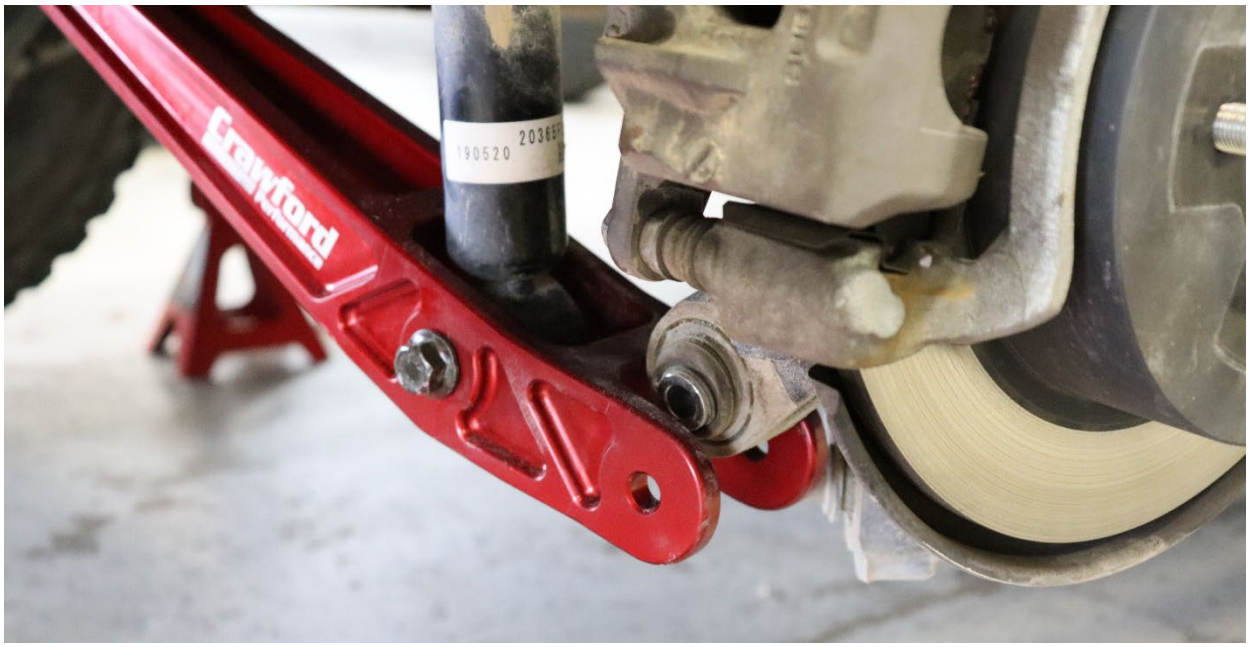




10. Using a provided 17 mm bolt, swing the control arm into position and install it onto the rear shock as shown.

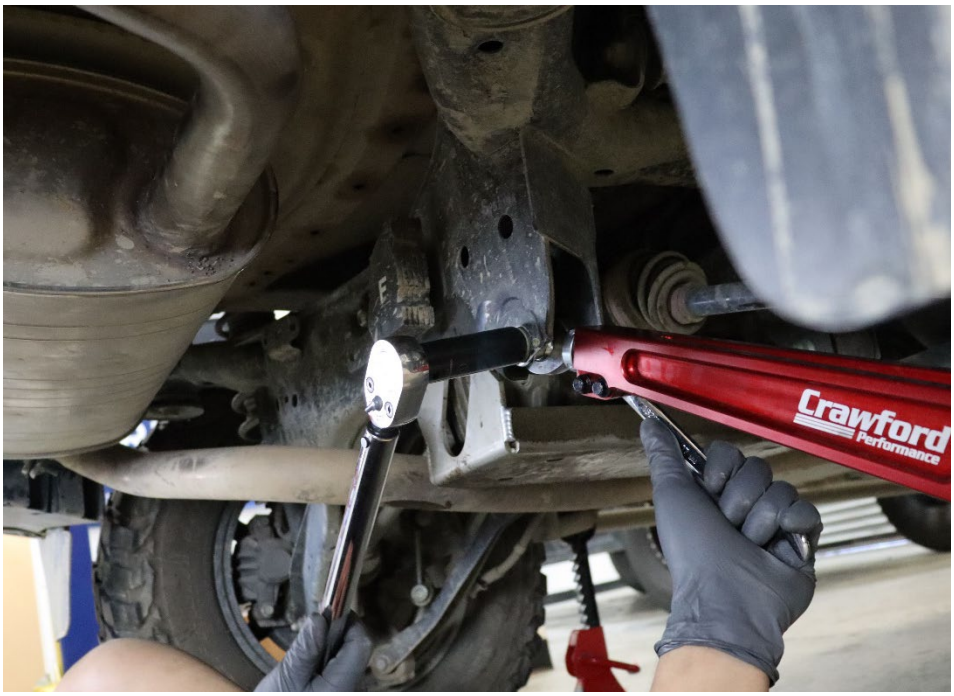


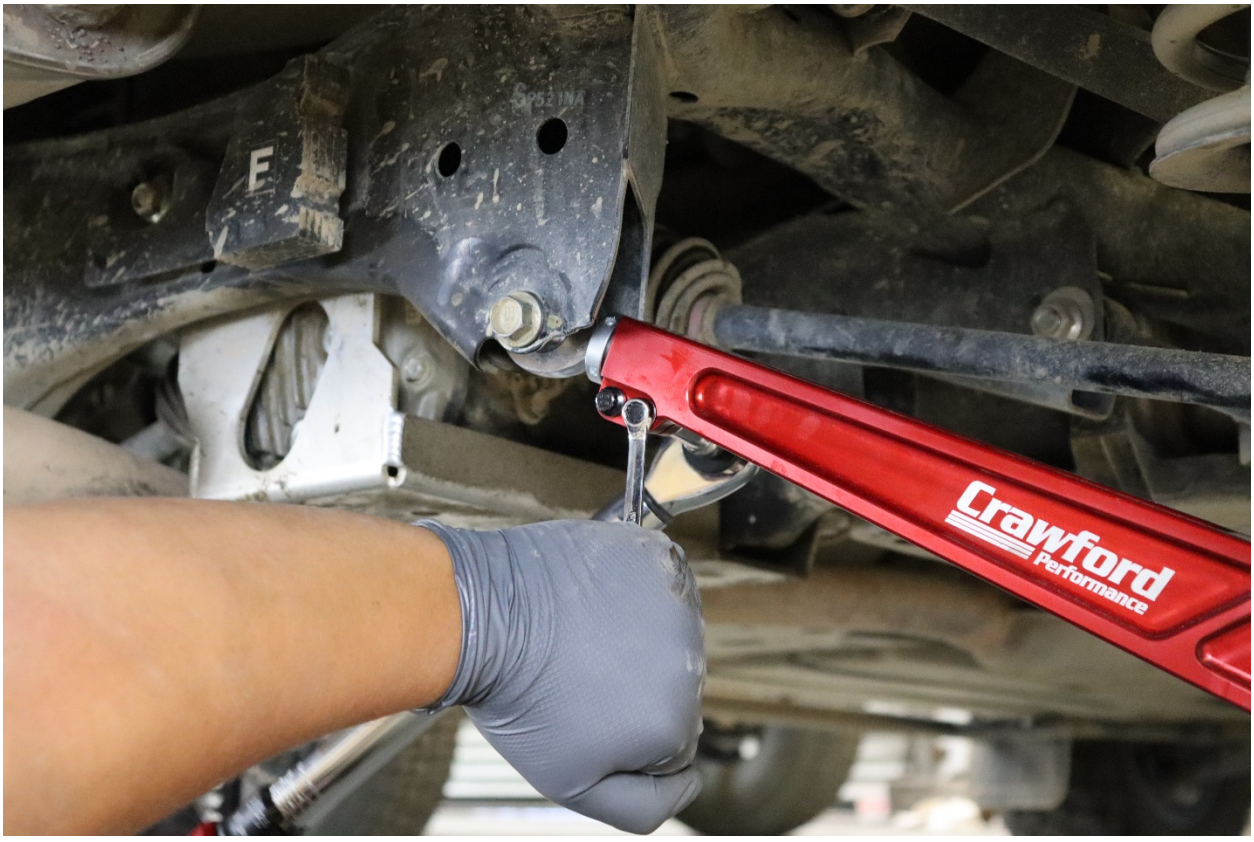
11. Aligning the rear hub into the control arm will require a floor jack to compress the rear shock and bring the control arm into position so that you can insert the provided 17 mm bolt and secure the hub to the arm.



12. Using the floor jack and a support of some kind (we used a wood block covered with a rag) you can align the hub to fit into the control arm. This will take some finesse and patience due to the tight fit. Use a long screwdriver if necessary, to align the hub joint so that it will slide between the control arm mounts when lifting up on the shock with the floor jack. The hub should slide into position, allowing the bolt to be inserted.

13. Tighten the three lower control arm bolts to 90 ft-lbs. Finish by fully lock the heim joint into position. To do so, tighten each bolt to 30 ft-lbs. 3 times in sequence, outer then inner bolt 3 times. (17 mm socket, Torque wrench, 17 mm standard wrench, 8 mm ratchet wrench, 10 mm socket)





14. Double check all hardware to ensure nothing is left loose. Repeat this process for the other side of the vehicle. We Recommend keeping any OEM parts removed just in case this install needs to be undone.

Thank you for choosing Crawford Performance!

Please feel free to contact us for any questions or comments! We are here to help. We understand this is a difficult install and we commend you for your efforts. Celebrate by cracking a beer and pouring one out for your chewed-up arms.

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