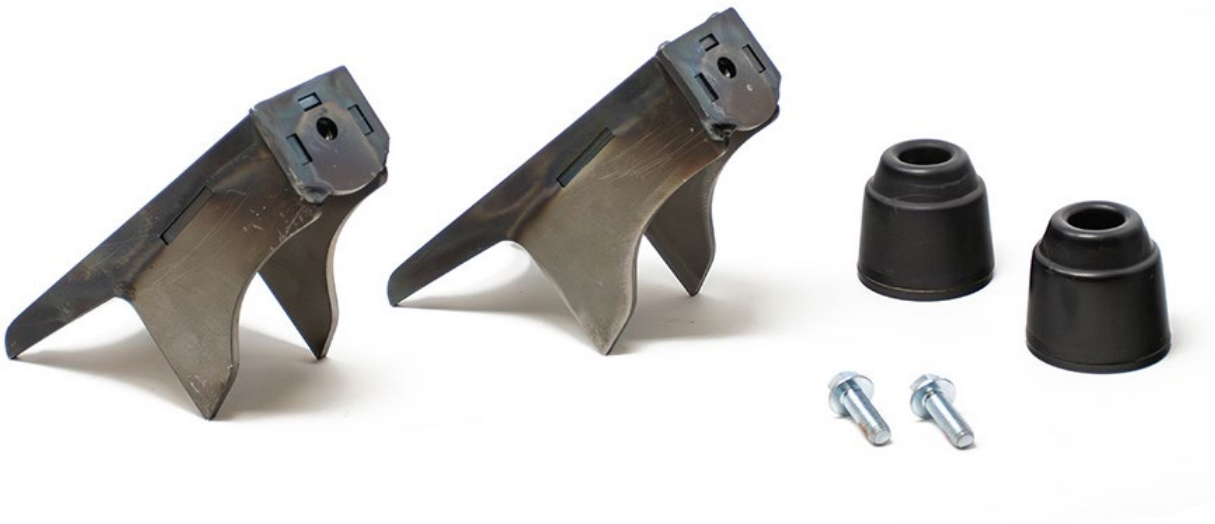
TOTAL CHAOS FABRICATION

INSTALLATION INSTRUCTIONS



2024+ TOYOTA TACOMA
COMPONENT: FRONT BUMP STOPS
PART #: 86524-E-BUMP

REQUIRED TOOLS

- 9/16” wrench or socket
- 22mm wrench or socket
- Mallet
- Sander/wire wheel
- Welder

IMPORTANT

- This procedure will require cutting, grinding and welding to your chassis. Removing your battery ground/power is recommended. TOTAL CHAOS suggests that only qualified and experienced fabricators perform this installation.

- Place vehicle securely on jack stands. Make sure the front wheels are not contacting the ground. Chock both rear wheels of the vehicle to secure it from rolling back. Remove the front wheels and tires.

CAUTION

To prevent sparks from damaging the factory boots we recommend covering the inner CV joint, outer CV joint, and inner tie rod boots when grinding or welding.

The following steps will cover the installation of the front weld on bump stops.

STEP 1

Suspend the front of the vehicle with a jack, put jack stands securely under the frame rails and remove the front wheels.

STEP 2

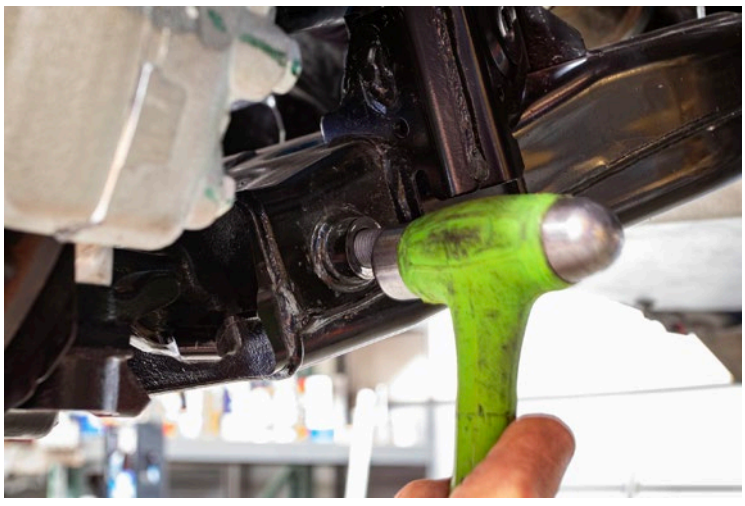
Loosen the lower shock bolt with a 22mm wrench.

STEP 3

Using a 22mm wrench or socket loosen and remove the lower ball joint cradle bolts

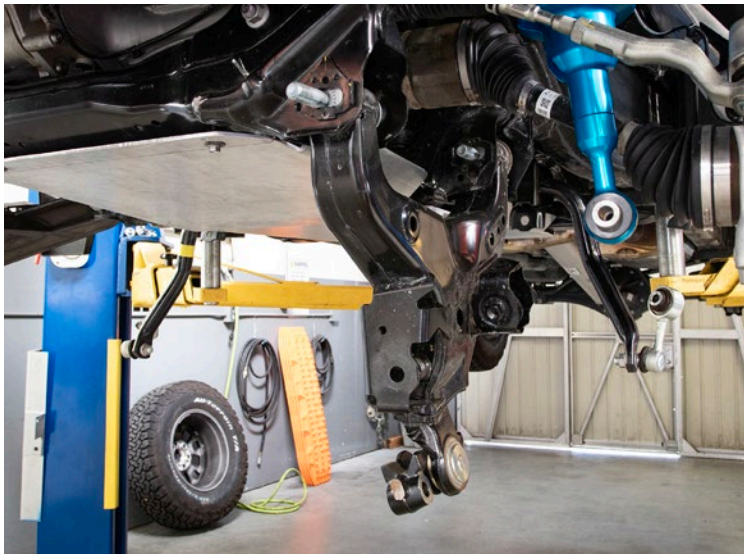
STEP 4

Slightly lifting up on the lower control arm, remove the lower shock bolt.



STEP 5

This should allow the lower control arm to hang vertically from the frame.



STEP 6

Remove the upper shock mounting hardware (14mm if stock / 9/16" if aftermarket).

STEP 7

Remove the front shocks.

STEP 8

Hold the weld on bump stop mount up to the frame where it fits flush along all welding surfaces and use a marking utensil to mark the frame where the paint will need to be removed. The fitment should be very self-explanatory as the mount can only fit in one specific spot with about 1/8" of wiggle room front to back.

STEP 9

Before grinding or removing any paint we recommend using a wet towel or some type of cover to lay over the inner and outer CV boots as well as the tie rod boots.

STEP 10

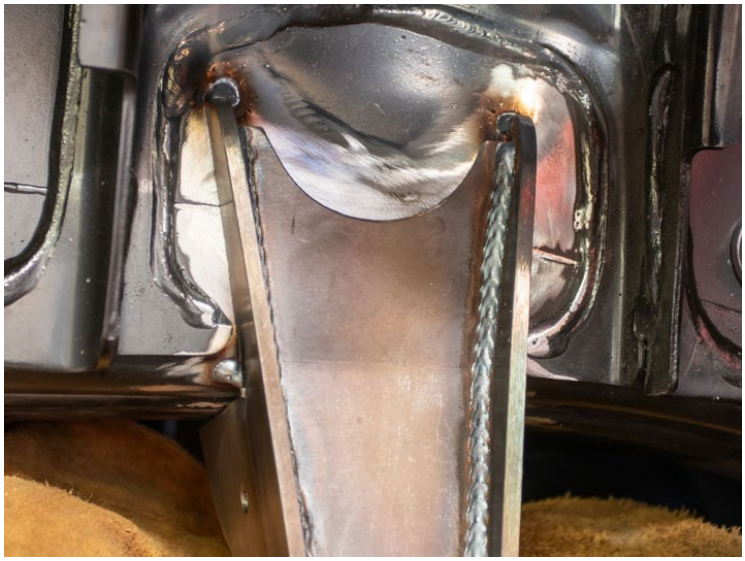
Remove the paint where the markings are so there is only bare frame showing where the welds will be.

STEP 11

Again, hold up the bump stop mount up to the frame where the plate work sits flush to the bottom and side of the frame and is centered in coil bucket.

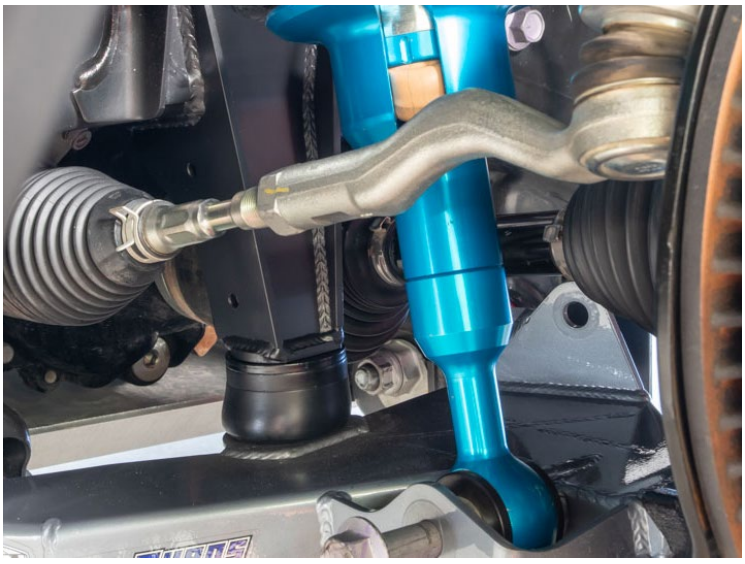
STEP 12

With the paint removed and boots covered, tack weld the bump stop mount in place.



STEP 13

Optional: To be sure the bump stop mount is tack welded in the correct spot you can thread in the Duro bump, re attach the lower control arm to the knuckle without the shock in place and cycle the suspension up to ensure that the bump stop contacts the lower control arm in the “bump striking area”.

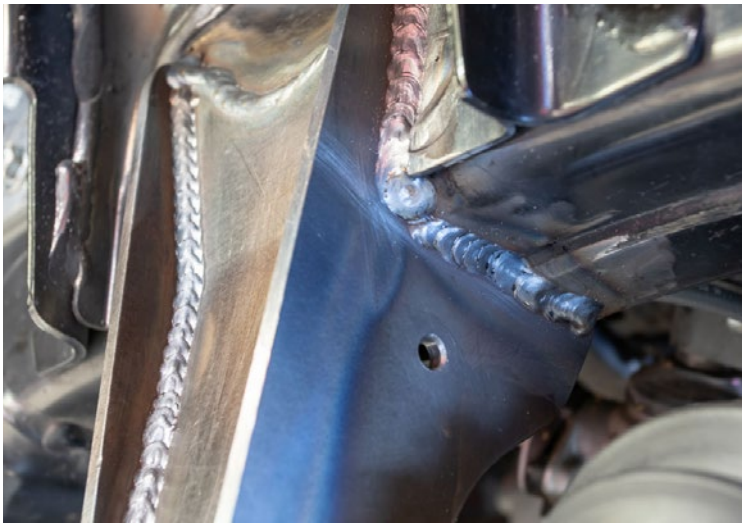


STEP 14

Once you are satisfied that the bump stop mount is in the correct location, you can weld all areas where the mount contacts the frame.

STEP 6

Weld the outer side of the two front tabs.



STEP 7

Once cool you can paint the frame and bump stop mount.

BUMP STOP INSTALLATION IS COMPLETE!

FOR INSTALL QUESTIONS OR CUSTOMER SERVICE INQUIRIES:

Call 951.737.9682 or email info@chaosfab.com