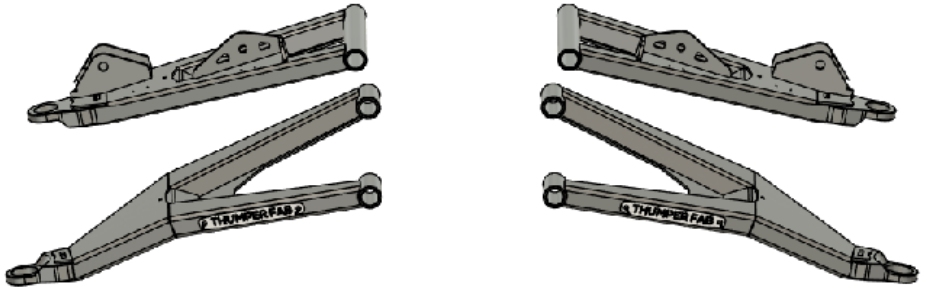


**CF Moto U10 XL Pro**  
**Front Forward Arms**

SKU: TF281201



**Thumper Fab**

5103 Elysian Fields Rd, Marshall, TX 75672

Customer Service: 903-472-0928

# CF Moto U10 XL Pro

## Front Forward Arms



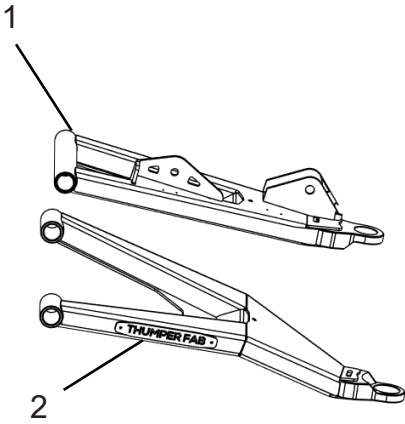
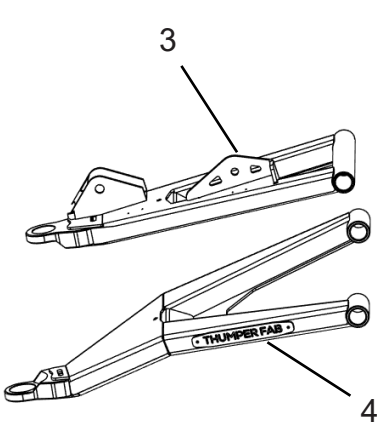
SKU: TF281201

### PARTS

| REF          | QTY | DESCRIPTION                         |
|--------------|-----|-------------------------------------|
| 1            | 1   | Driver Upper Forward Contol Arm     |
| 2            | 1   | Driver Lower Forward Control Arm    |
| 3            | 1   | Passenger Upper Forward Control Arm |
| 4            | 1   | Passenger Lower Forward Control Arm |
| HARDWARE KIT |     |                                     |
| A            | 2   | Steering Stops                      |
| B            | 2   | Hose Clamp                          |
|              | 4   | Zip Ties                            |

### TOOLS

- 13mm Socket or Wrench
- 15mm Socket or Wrench
- 18mm Socket or Wrench
- 27mm Socket or Wrench
- Ratchet
- Long Flat Head Screwdriver or chisel



### BEFORE YOU BEGIN

If you do not feel comfortable installing your **Thumper Fab** FRONT FORWARD ARMS, please see your nearest CF MOTO Dealer for installation.

## INSTALLATION INSTRUCTIONS

### Secure the Ranger on Jack Stands

With the U10 secured on the jack stands, remove the front lower metal “skid plate”. In order to remove the “skid plate”, you will need to loosen the (4) M8 bolts that hold it on. Retain this hardware. (FIG. 1)



FIG 1

Next, remove the tires then remove the brake lines from the OEM control arms. Next, remove the brake calipers, then remove the OEM Upper and Lower control arms. The hub/axle/tie rod end can all remain assembled. Retain factory hardware for installation of forward arms.

### Install the Steering Stops

Now that all of the OEM control arms have been removed, use a long flat head screw driver or chisel to remove the OEM clamp holding the inner tie rod boot on to the steering rack housing. Once this clamp is removed, pull the boot back to expose the steering rack, then snap the steering stop over the shaft. Once steering stop is in place, re-install the boot into place and secure it with one of the clamps provided in the kit. Repeat for the opposite side.



FIG 2



FIG 3

## INSTALLATION INSTRUCTIONS

### Install Bushings and Ball Joints into Forward Control Arms

Now that the OEM control arms are removed, begin removing all of the bushings, pivot sleeves, and ball joints from them. The bushings and ball joints are specific to either LOWER or UPPER arms. Be sure to keep them separated and organized as you remove them and re-install them into the new arms. Disregard this step if you have purchased the pre-installed kit.

### Install Lower Control Arms

Now that the new control arms have been prepped with the bushings and ball joints all installed, next start with the Lower FWD Control arm and install it into place on the chassis. Replace the OEM control arms mounts bolts/nuts and tighten. (FIG. 4, 5, & 6)



FIG 4

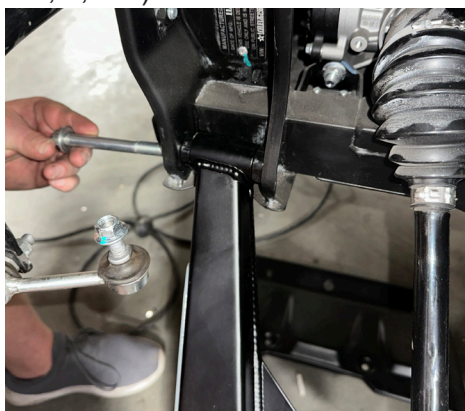


FIG 5

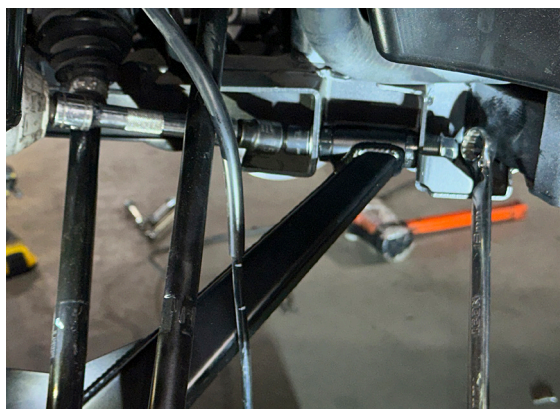


FIG 6



## INSTALLATION INSTRUCTIONS

Next, place the hub onto the lower ball joint and thread the nut onto the ball joint post. Tighten this nut now. (FIG 7 & 8).

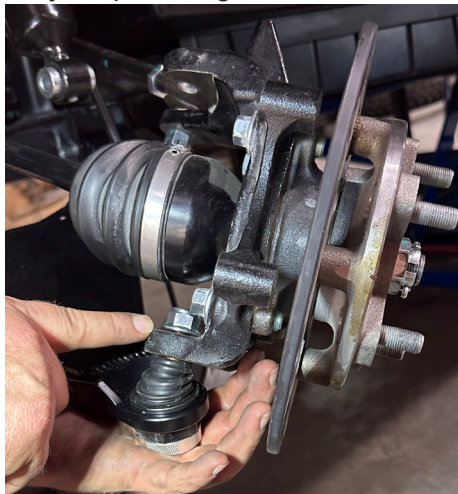


FIG 7



FIG 8

Next, install the Upper Controls arms into place and secure it with the OEM control arm mounting bolts/nuts and tighten. (FIG 9 & 10).

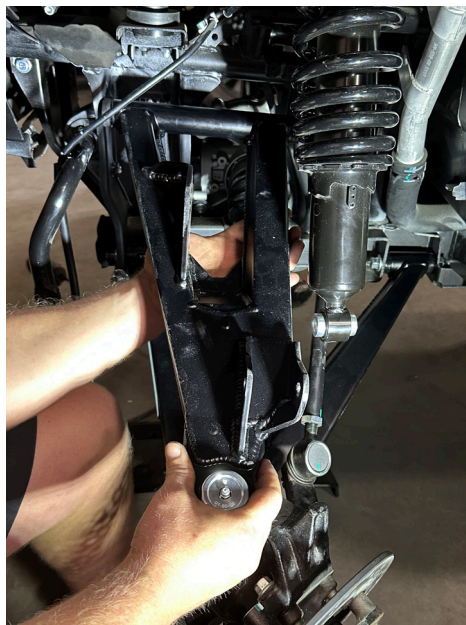


FIG 9

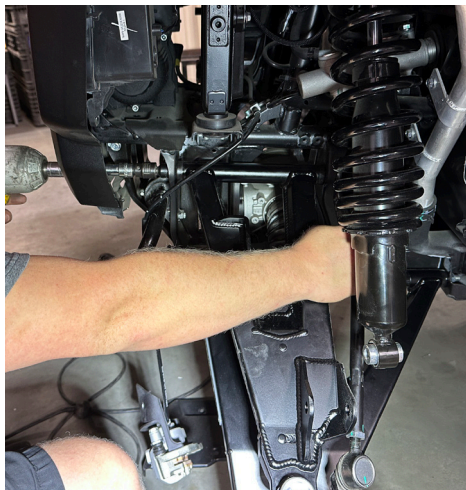
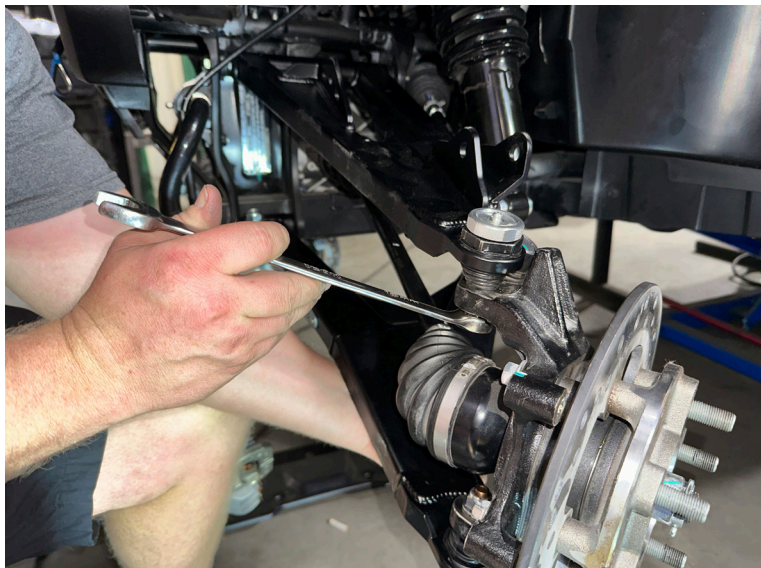


FIG 10

## INSTALLATION INSTRUCTIONS

Once the upper control arms are installed, insert the upper ball joint post into the hub and secure with the locknut. Tighten this now. **(FIG 11).**



**FIG 11**

Next, re-install the shock into place and replace the bolt/nut that was previously removed. Tighten this now. **(FIG 12).**



**FIG 12**



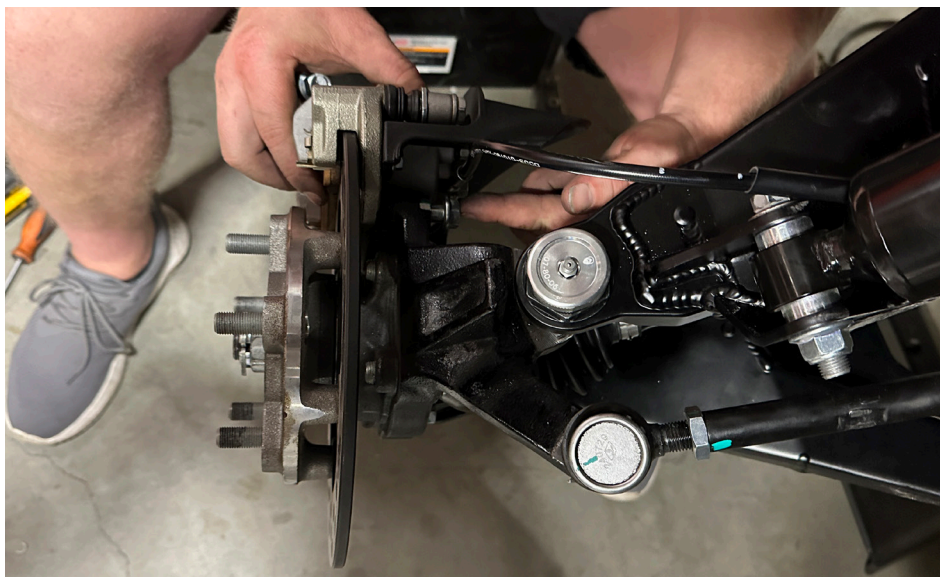
## INSTALLATION INSTRUCTIONS

Next, re-install the sway bar link into place as shown and tighten. (**FIG 13**).



**FIG 13**

Next, re-install the brake caliper into place and tighten the bolts that secure it to the hub. (**FIG 14**).

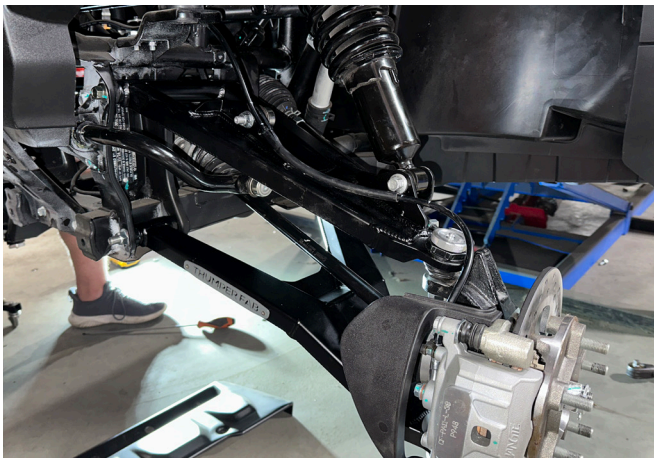
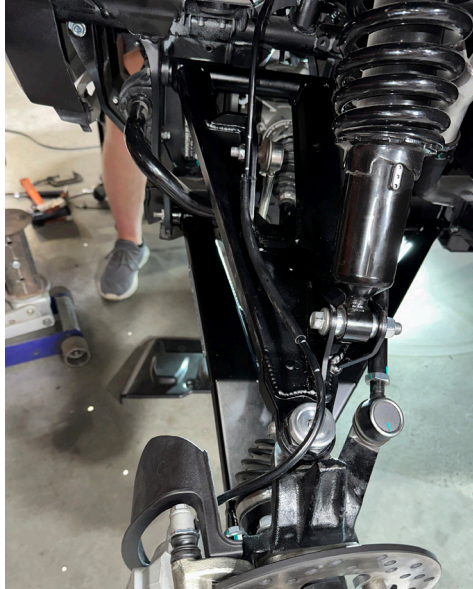


**FIG 14**

## INSTALLATION INSTRUCTIONS

Next, go back over all hardware to ensure that they have been tightened, then re-install the wheels and torque the lug nuts. Then re-install the front skid plate using the OEM hardware that was removed previously.

Now that the geometry of the front wheels has been moved forward, you will need to adjust your tie rods to correct the alignment of the front wheels. To do this, loosen the jam nuts on either end of each tie rod, then turn each tie rod evenly between one side to the other, until you have successfully corrected your alignment. Tighten the jam nuts back against each end of the tie rod when done.





## INSTALLATION INSTRUCTIONS

The installation of products sold or manufactured by Thumper Fab including, but not limited to suspension components such as lift kits, control arms, frame stiffener kits, roofs, roll cages, and tires that exceed the original specifications for the vehicle, may change the vehicle's center of gravity and handling characteristics both on- and off-road. You are aware that the installation of tires that are larger than original vehicle specifications may reduce the effectiveness of the braking system. Use of these products may place added stress to the original factory vehicle components which could cause them to weaken or possibly fail.

Products sold or manufactured by Thumper Fab are intended for off-road use only. Operation of a vehicle modified with these products on a road could result in serious bodily injury or death, and such operation may violate the laws of your state or municipality. You agree to operate your vehicle exclusively in the manner intended by the vehicle manufacturer. You agree that failure to safely and reasonably operate your vehicle could result in serious bodily injury or death, and that, as a result of installation of this product(s) to your vehicle, extreme care must be taken to prevent vehicle rollover or loss of control, which may be more likely to occur as a result of said modifications. You will avoid unsafe maneuvers, including sudden sharp turns or other abrupt maneuvers, which could make a vehicular accident more likely. You understand that Thumper Fab is not responsible or liable for any damages or any injuries to yourself or your passengers that could occur upon possible accidents due to driver error, incorrect installations, bad judgment, incompatibility with other aftermarket accessories or natural disasters to the fullest extent allowable by law. You will have all vehicle occupants fasten seatbelts, if equipped, and wear proper safety equipment, such as DOT approved helmet and eye protection prior to operating the vehicle. You understand and acknowledge that failure to wear proper safety equipment may increase the risk of serious bodily injury or death to yourself and any passengers.

## INSTALLATION INSTRUCTIONS

Proper installation of products sold or manufactured by Thumper Fab requires knowledge of the factory recommended procedures for removal and installation of original equipment components. Installation of these products without proper knowledge and experience may affect the performance of these components and the safety of the vehicle and cause serious bodily injury or death. It is strongly recommended that a certified mechanic familiar with the installation of similar components perform the product(s) installation.

Prior to installing any products sold or manufactured by Thumper Fab, you will perform or cause to be performed an inspection of their vehicle to confirm its condition is suitable for the installation of these products. A proper inspection of the vehicle includes confirmation that the vehicle has not been in a collision and is free of corrosion. If the vehicle is suspected to have been in a collision or misused, or is otherwise unsuitable for modification, you will not install the product(s). You will continue to inspect the vehicle prior to each use to confirm its condition is suitable for its intended use, and you acknowledge that the failure to do so may result in serious bodily injury or death, as well as damage to the vehicle itself.

You will install any warning labels provided with the product so it may be prominently seen by yourself and all passengers. You will notify all passengers of the modifications performed to your vehicle prior to operation.

Insurance companies may handle coverage of a modified vehicle differently. Please check with your insurance carrier prior to modifying the vehicle to ensure your coverage remains sufficient.

Installation of this product(s) may void your vehicle warranty. If this is a concern, please check with the manufacturer or dealer before purchase or installation of this product(s).



**Thumper Fab**

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