

PROSPECTOR TRACK MOUNT KIT  
RANGER 1000 / RANGER XP 1000  
P/N 2889425 & 2889426



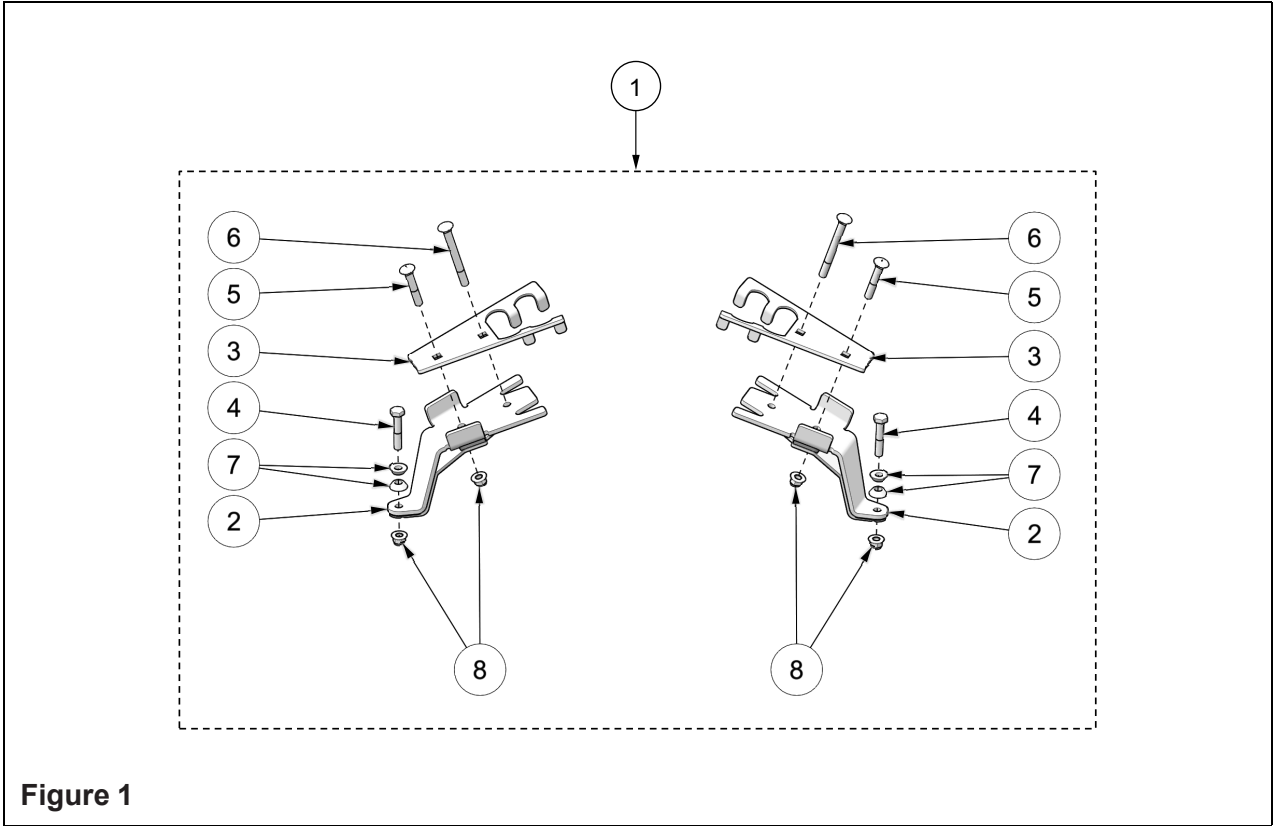
Application

RANGER 1000 / RANGER XP 1000 MODELS -- MY21 AND NEWER

Before you begin, read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

FRONT ANCHOR BRACKET OPTION #1:

MODELS WITH \*STRAIGHT\* LOWER FRONT SUSPENSION ARMS



Kit Contents:

<u>Ref</u>	<u>Qty</u>	<u>Part Description</u>	<u>Part Number</u>
1	1	Front Bracket Kit	2209226
2	2	Front Anchor Bracket	-
3	2	Front Bracket Cover	-
4	2	Hex Bolt - HCS, M10-1.5X55, 10.9, ZP, DIN931	-
5	2	Carriage Bolt - CB, M10-1.5X60, 8.8, ZP, DIN603	-
6	2	Carriage Bolt - CB, M10-1.5X100,8.8, ZP, DIN603	-
7	4	Taper Sleeve	-
8	4	Nylon Nut - FNN, M10-1.5, 8, ZP, DIN6926	-

## FRONT ANCHOR BRACKET OPTION #2:

MODELS WITH \***ARCHED**\* LOWER FRONT SUSPENSION ARMS

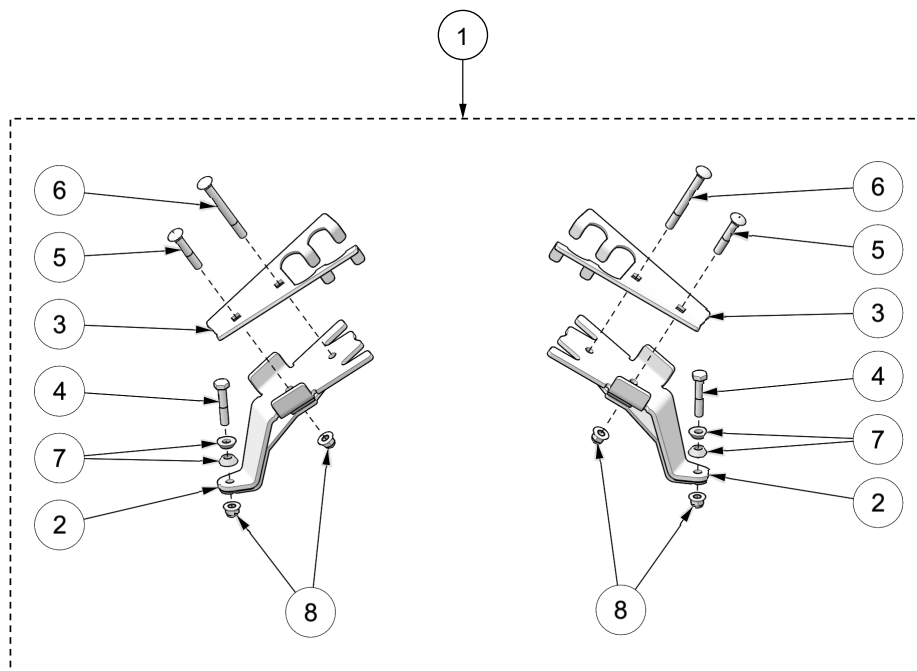
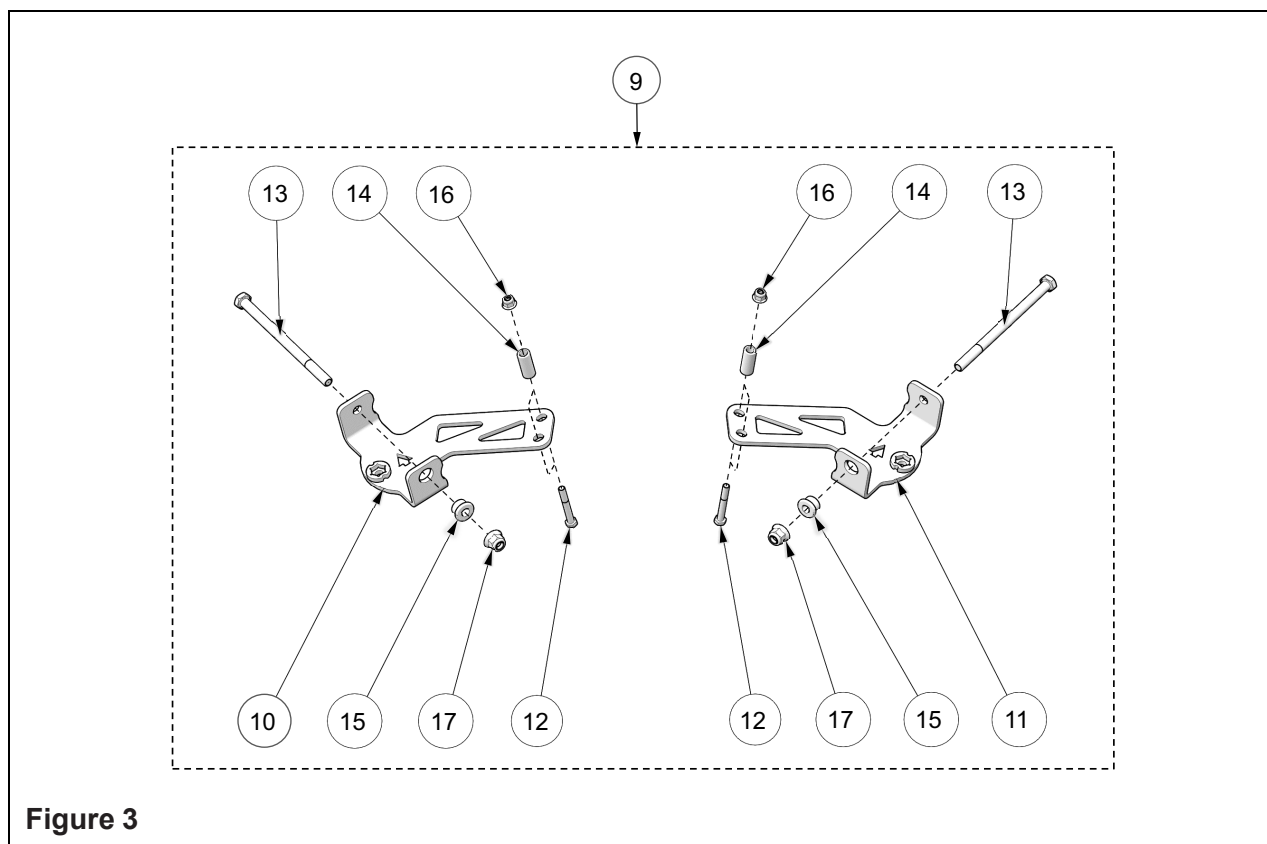


Figure 2

### Kit Contents:

<u>Ref</u>	<u>Qty</u>	<u>Part Description</u>	<u>Part Number</u>
1	1	Front Bracket Kit	2209227
2	2	Front Anchor Bracket	-
3	2	Front Bracket Cover	-
4	2	Hex Bolt - HCS, M10-1.5X55, 10.9, ZP, DIN931	-
5	2	Carriage Bolt - CB, M10-1.5X60, 8.8, ZP, DIN603	-
6	2	Carriage Bolt - CB, M10-1.5X100, 8.8, ZP, DIN603	-
7	4	Taper Sleeve	-
8	4	Nylon Nut - FNN, M10-1.5, 8, ZP, DIN6926	-

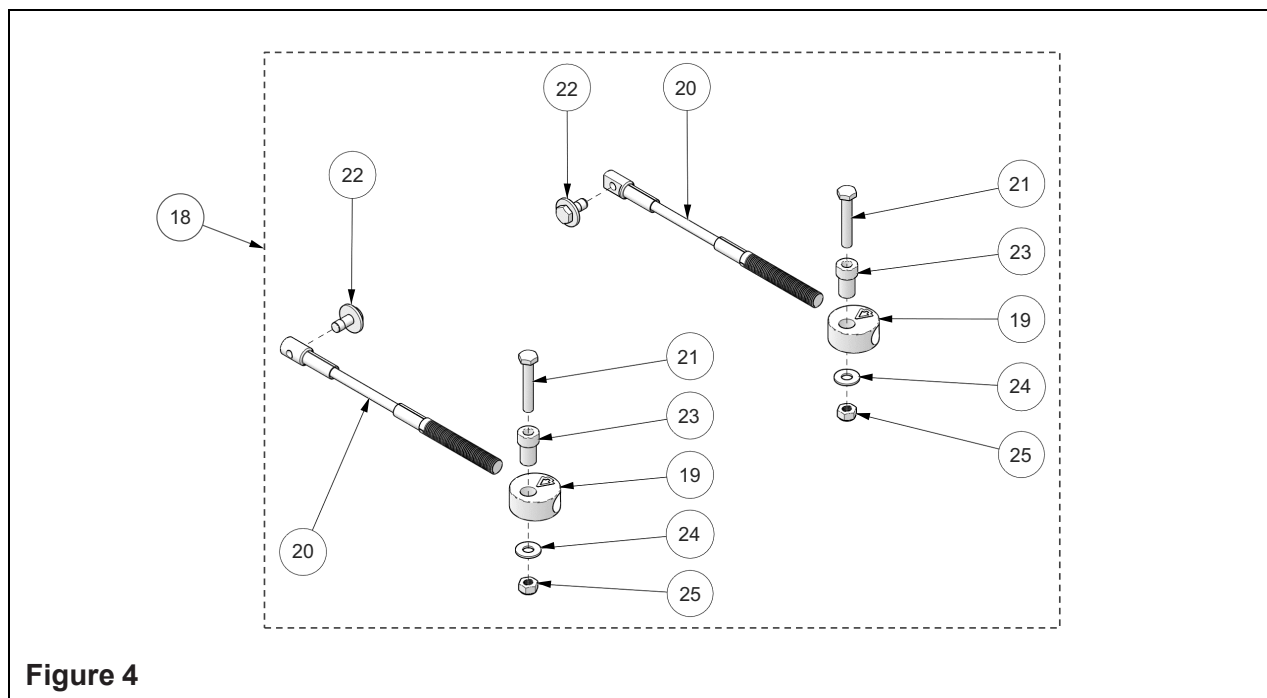
## REAR ANCHOR BRACKET:



## Kit Contents:

<u>Ref</u>	<u>Qty</u>	<u>Part Description</u>	<u>Part Number</u>
9	1	Rear Bracket Kit	2208849
10	1	Rear Left Anchor Bracket	-
11	1	Rear Right Anchor Bracket	-
12	2	Hex Bolt - HCS, M8-1.25X60, 10.9, ZP, DIN931	-
13	2	Hex Bolt - HCS, M12-1.75x190, 8.8, ZP, DIN931	-
14	2	Bushing 1-1/2 0.410IDX0.625ODx1.50L YZN	-
15	2	Taper bushing	-
16	2	Nylon Nut - FNN, M8-1.25, 8, ZP, DIN6926	-
17	2	Nylon Nut - FNN, M12-1.75, 8, ZP, DIN6926	-

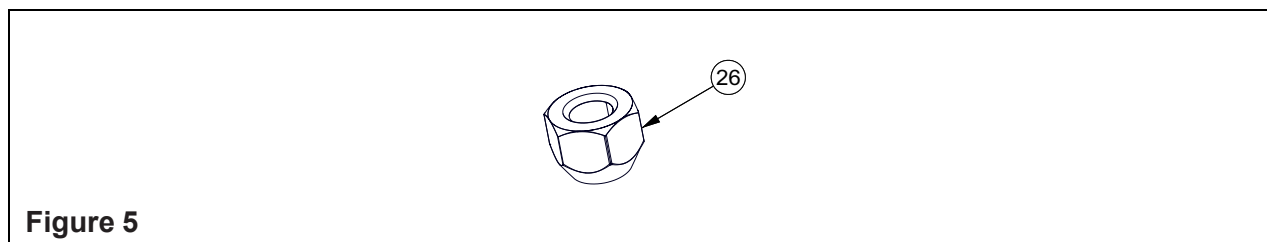
## STEERING LIMITER ASSEMBLY:



### Kit Contents:

<u>Ref</u>	<u>Qty</u>	<u>Part Description</u>	<u>Part Number</u>
18	1	Steering Limiter Cable Assembly	2205456
19	2	Steering Limiter Mounting Disk	-
20	2	Steering Limiter Cable	-
21	2	Hex Bolt - HCS, M10-1.5X60, 8.8, ZP, DIN931	-
22	2	Hex Bolt - HCSW, M10-1.5X25, 8.8, ZP, TL, DIN933	-
23	2	Step Spacer	-
24	2	Washer - W, 7/16X1.0X0.072, 8, ZP, USS	-
25	2	Nylon Nut - NN, M10-1.5, ZP, 8, DIN982	-

## WHEEL LUG NUT:



### Kit Contents:

<u>Ref</u>	<u>Qty</u>	<u>Part Demscription</u>	<u>Part Number</u>
26	16	Wheel Lug Nut-LN, M12-1.5X14, 8, ZP	2205458

## Tools Required:

Lift Table or Floor Jack  
Ratchet

Torque Wrench  
Metric Socket Set

2 Jack Stands  
Metric Wrench Set

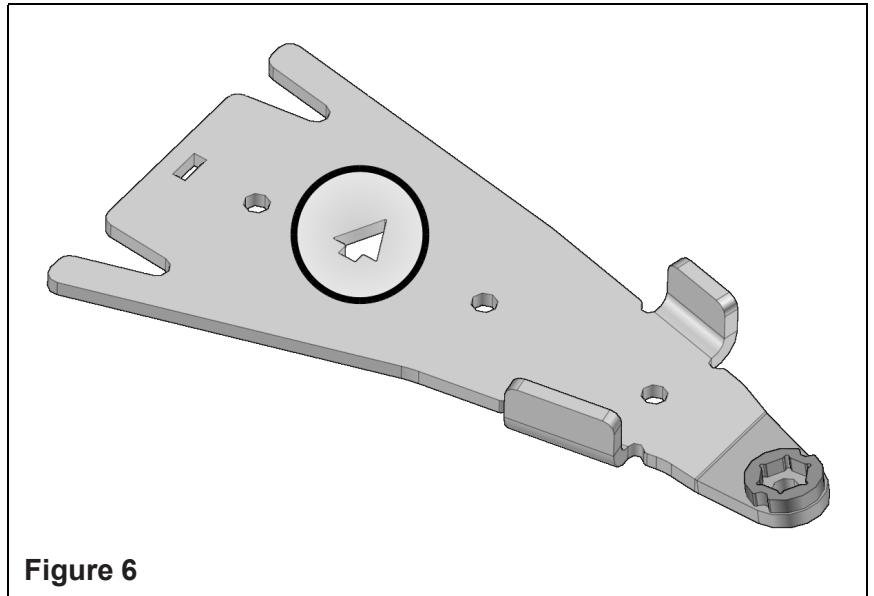
## APPROXIMATE ASSEMBLY TIME: 60 minutes

**IMPORTANT:** Please read carefully each part of this document as well as the User Manual prior to assembling, installing and using the track systems.

## INSTALLATION INSTRUCTIONS:

**CAUTION:** Before beginning the installation, make sure you received all the components included in the parts lists of the preceding pages.

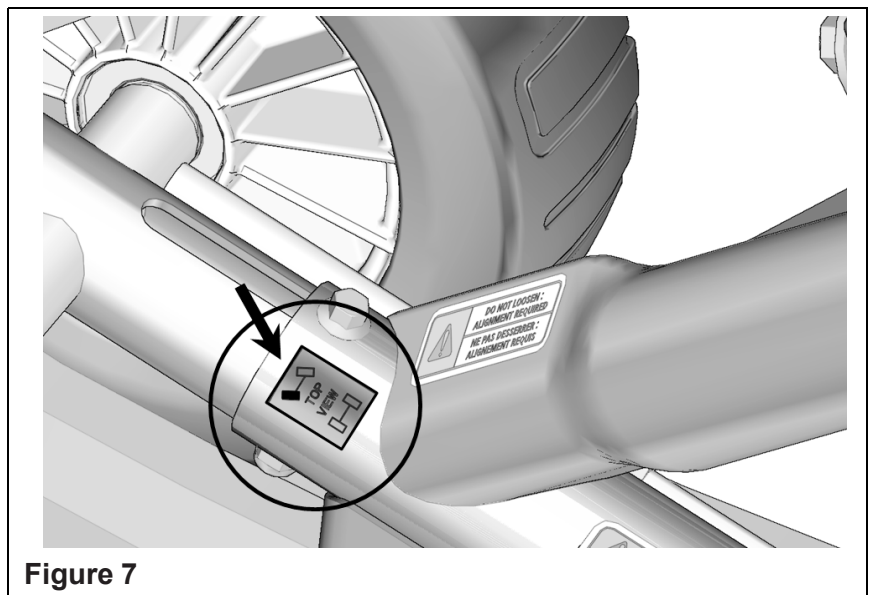
1. For installation purposes, directional arrows have been cut out of the main components in the anchor bracket kits. These arrows indicate the front of the vehicle relative to the component. Figure 6.



## PREPARATION:

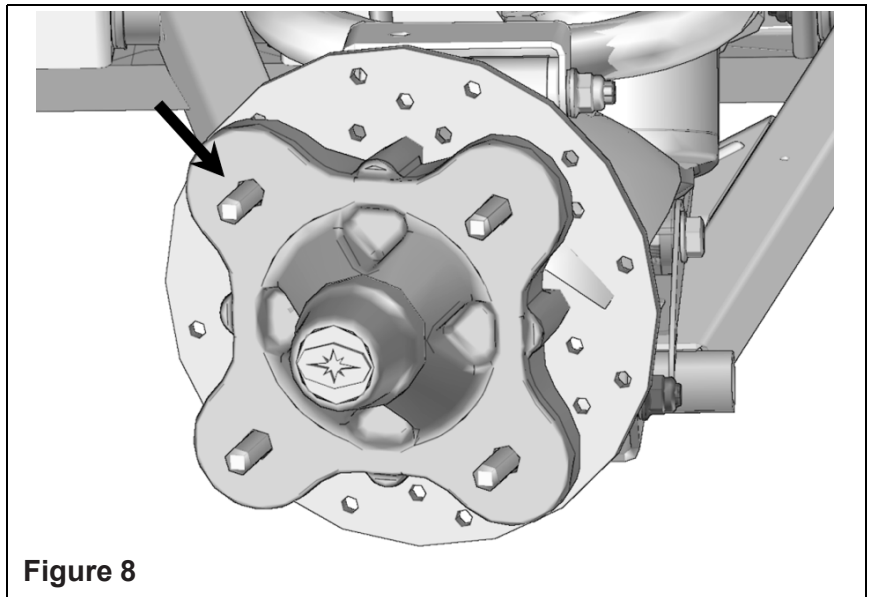
**WARNING:** Never place parts of your body under the vehicle unless it is securely supported by appropriate stands. Severe injuries could occur if the vehicle collapses or moves. Do not use a lifting device as a secure stand.

1. Stop the vehicle on a flat and level surface (or on a suitable lifting device), shift the transmission into **Park** and turn off engine.
2. Identify and position each unit of the track system near the position indicated on the sticker affixed on the frame. Figure 7.

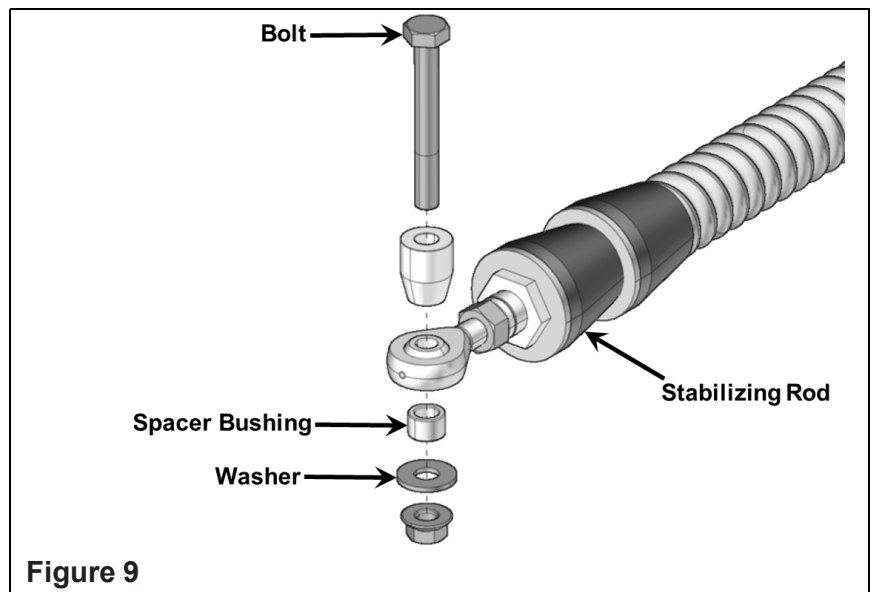


## REAR TRACK SYSTEMS:

1. Using a lifting device, raise the rear of the vehicle and install appropriate stands. Ensure that the vehicle is immobilized and safe to work on.
2. Remove the rear wheels to begin Track Mount installation. Make sure that wheel studs and wheel hubs are free of dirt. Figure 8.

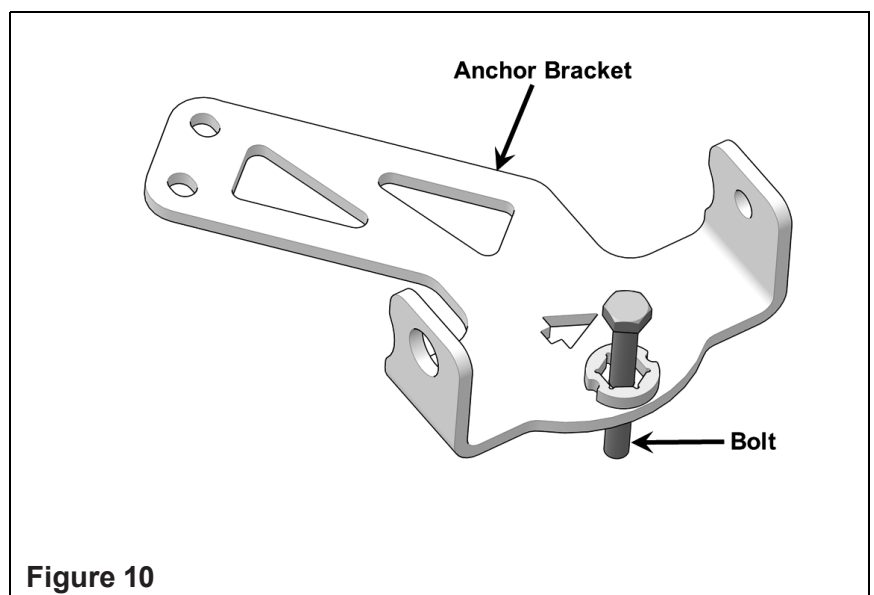


3. Remove bolt, washer and spacer bushings from the rear stabilizing rod end. Figure 9.



4. Insert the bolt in the rear anchor bracket as shown in Figure 10.

**NOTE:** It is not possible to insert this bolt once the bracket is attached to the suspension arm.



5. Remove bolt securing the lower suspension arm to the wheel hub. A new M12-1.75x190 mm bolt provided in the installation kit will be used to assemble the anchor bracket, lower suspension arm and wheel hub. Figure 11.

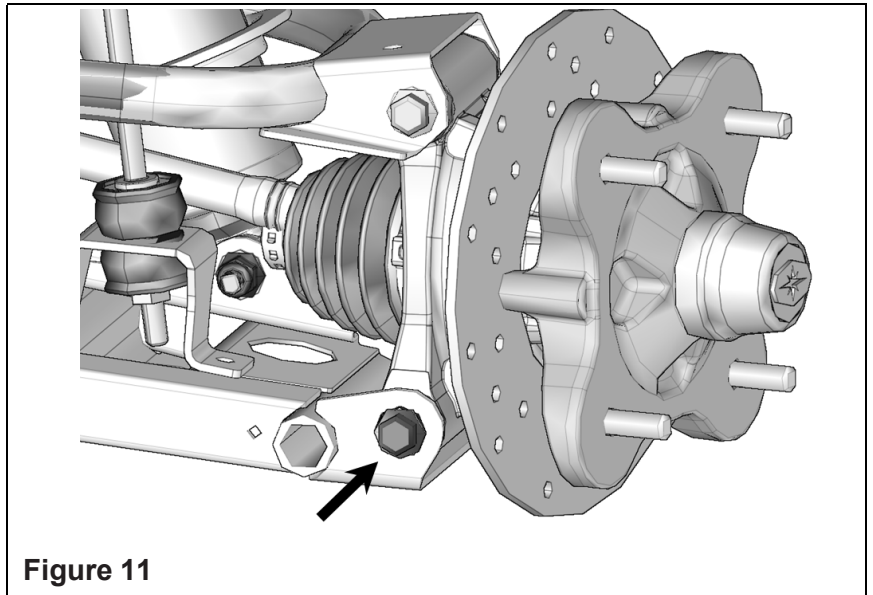


Figure 11

6. Position anchor bracket under lower rear suspension arm. See Figure 12 or Figure 13.

**NOTE:** Lower rear suspension arms come in **straight** or **arched** versions, depending on the vehicle. The bracket installation differs slightly for each version.

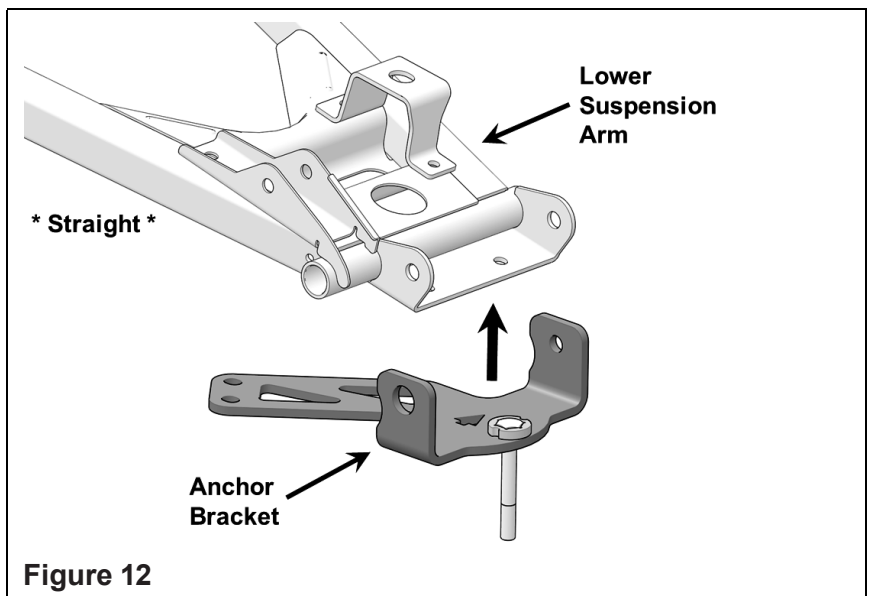


Figure 12

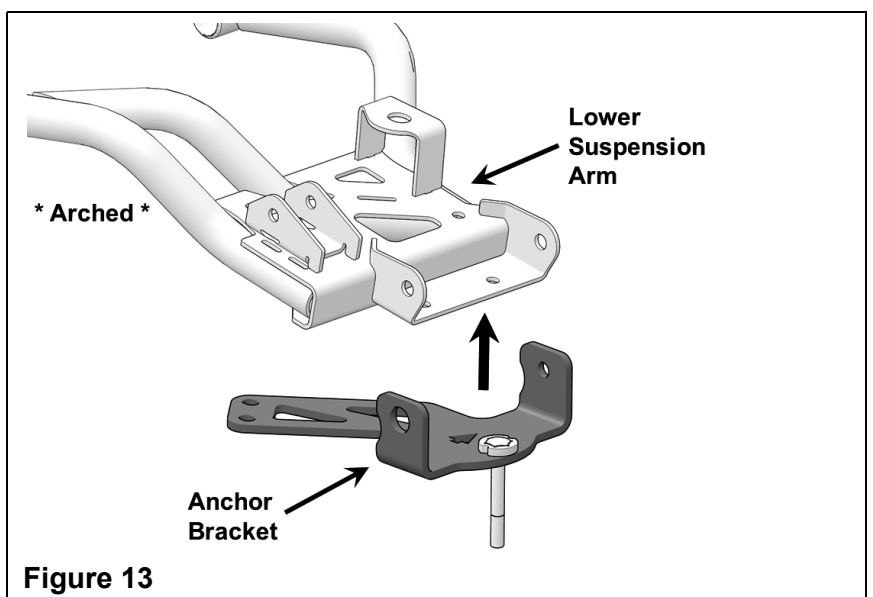
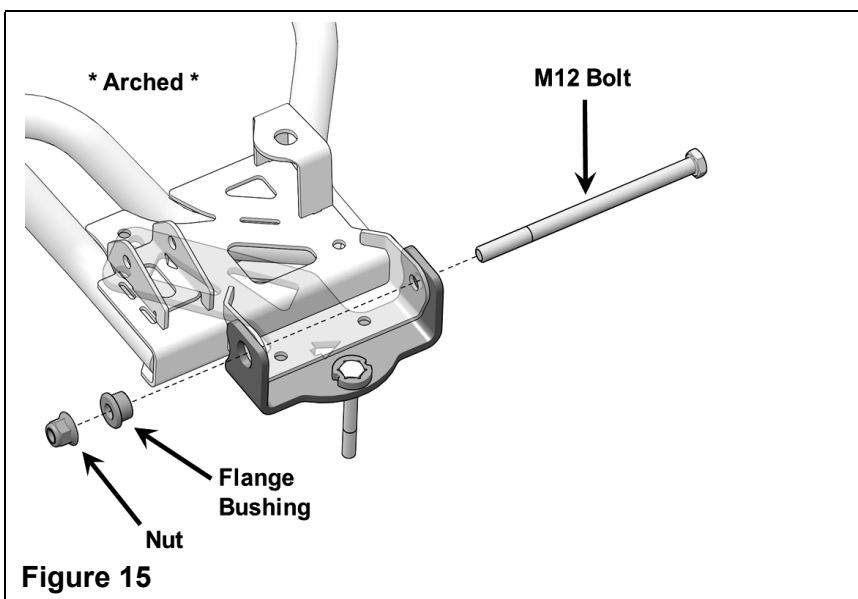
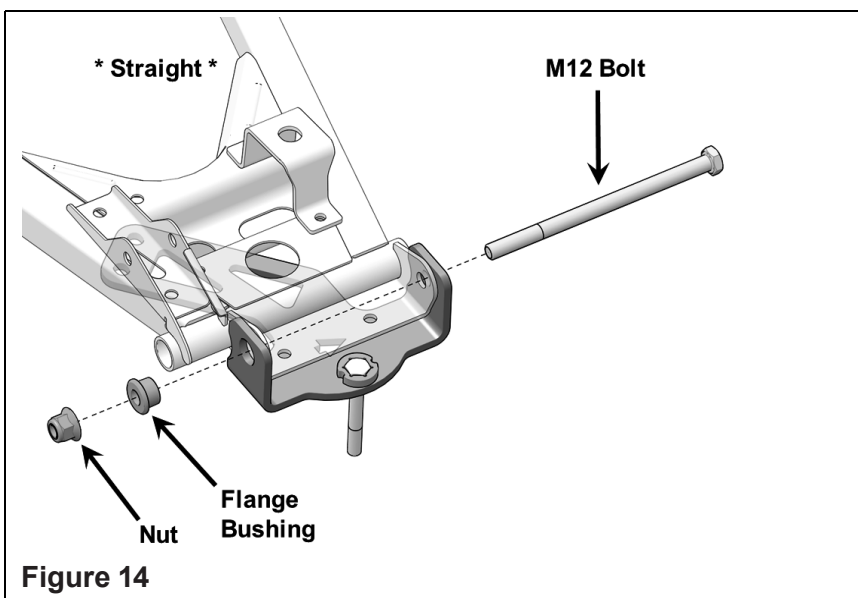


Figure 13

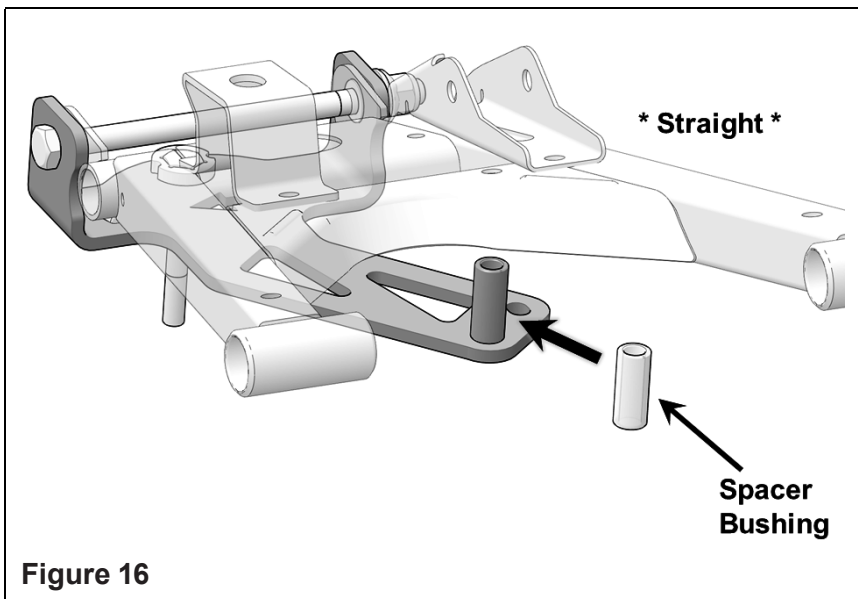
7. Align anchor bracket holes with suspension arm holes. Install flange bushing in bracket and suspension arm. Slide the new M12x190 mm assembly bolt through anchor bracket, suspension arm, wheel hub, and flange bushing. Thread nut on bolt but do not tighten immediately.

See Figure 14 or Figure 15 depending on version of suspension arm installed.

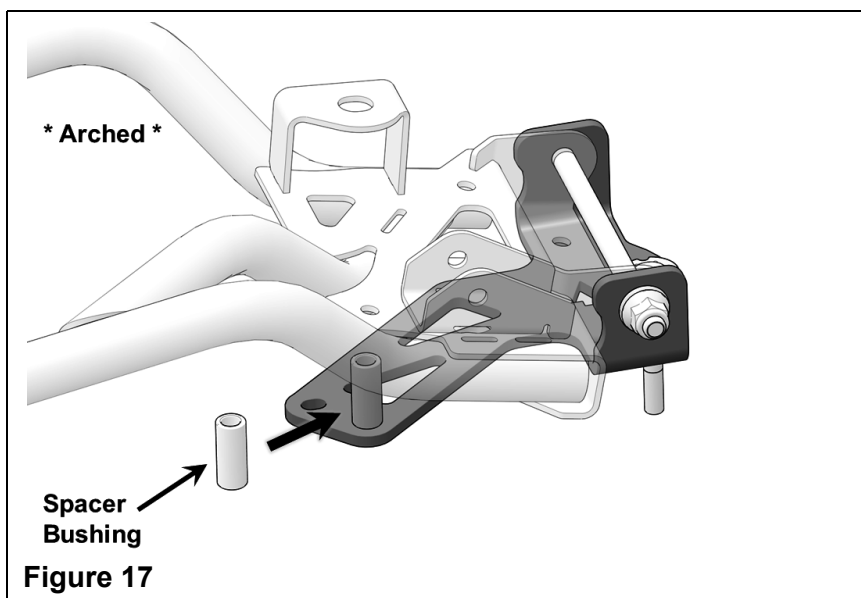


8. Position spacer bushing between anchor bracket and lower suspension arm. Align bushing with one of two holes at the back of anchor bracket and existing hole in suspension arm. See Figure 16 or Figure 17.

**NOTE:** Bracket hole used is different depending on version of suspension arm installed. Straight version uses hole nearer front of vehicle. Arched version uses hole nearer rear of vehicle.

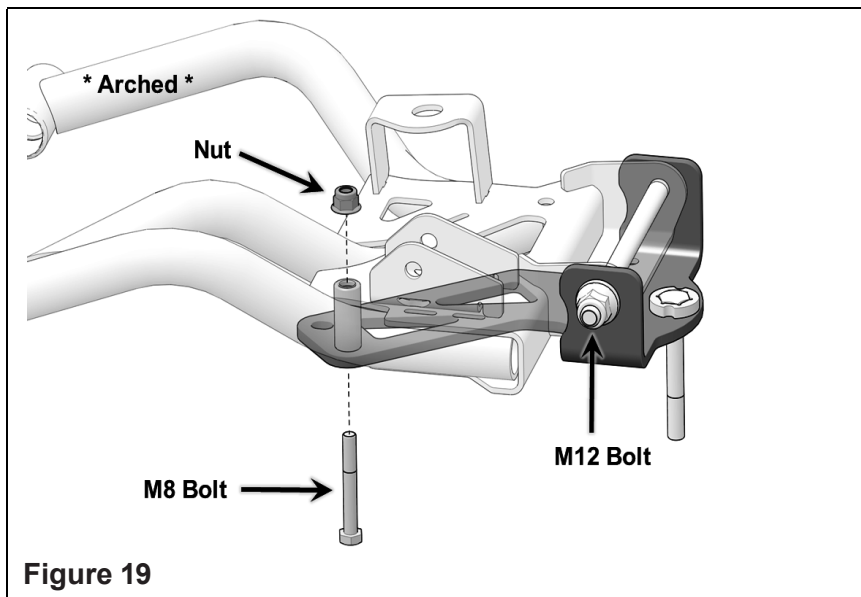
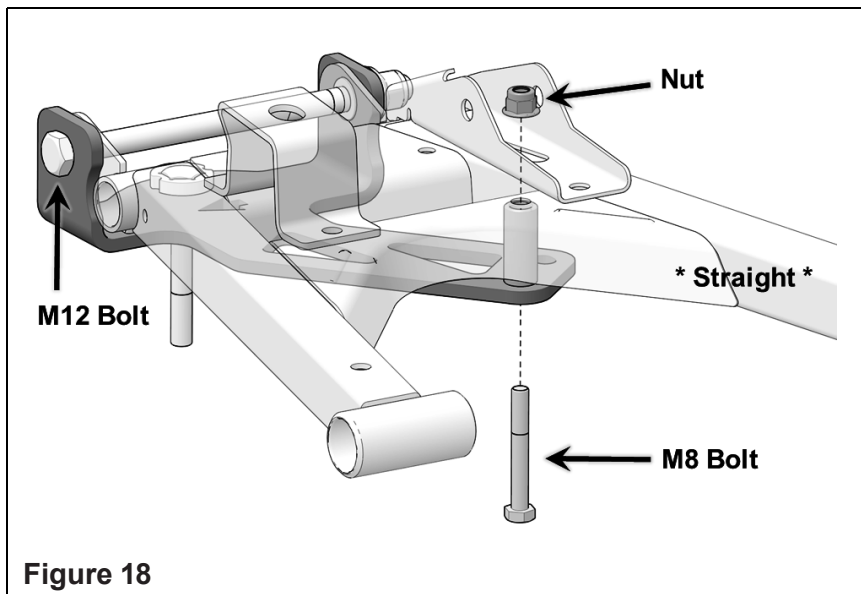






8. Secure back of anchor bracket to suspension arm with M8x60 mm bolt and nut. Torque M12 bolt to 63 ft. lbs. (85 Nm) and M8 bolt to 18 ft. lbs. (25 Nm).

See Figure 18 or Figure 19 depending on version of suspension arm installed.

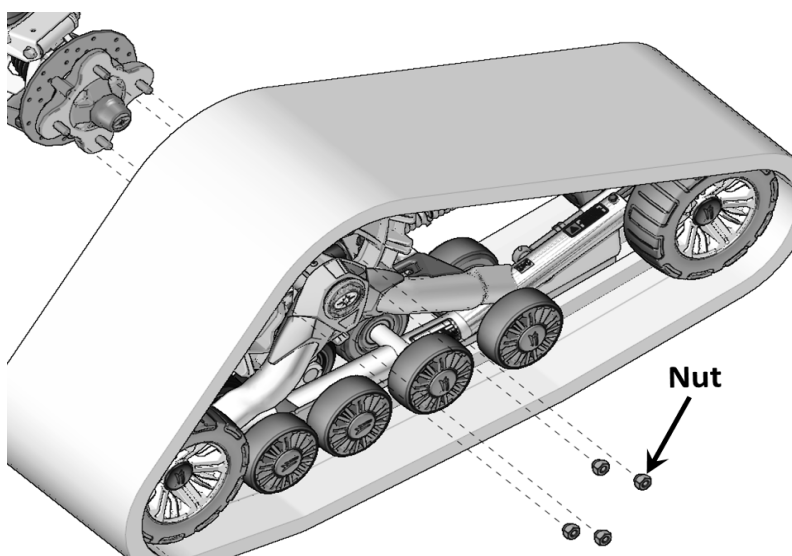


9. Secure the undercarriage to the rear hub using the nuts (**ref. #26**) provided in this mount kit. See Figure 20.

**NOTE:** If needed, take rubber protector off of hub.

**NOTE:** Ensure that the cotter pin of the axle nut does not interfere with the undercarriage hub.

**NOTE:** Torque lug nuts to 85 ft. lbs. (115 Nm) at this time.

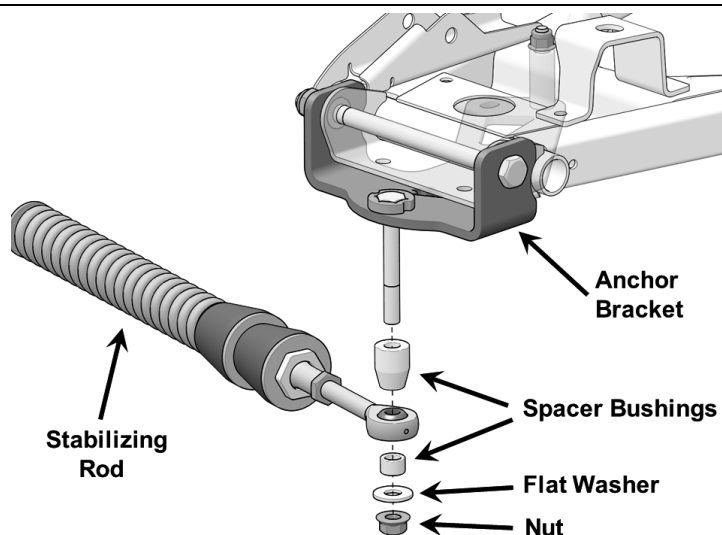


**Figure 20**

10. Attach the stabilizing rod to the anchor bracket, using the long spacer bushing, short spacer bushing, flat washer and nut. Torque to 52 ft. lbs. (70 Nm). Figure 21.

**NOTE:** Ensure that parts are assembled in the correct order.

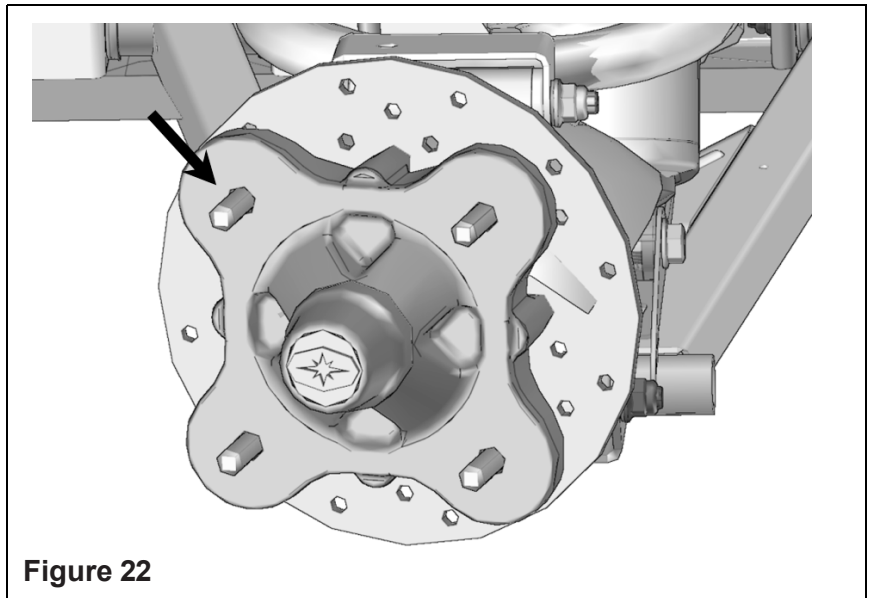
11. Inspect the rear track systems and ensure that all mounting bolts were correctly tightened during installation. Lower the vehicle to the ground and proceed to install the front track systems.



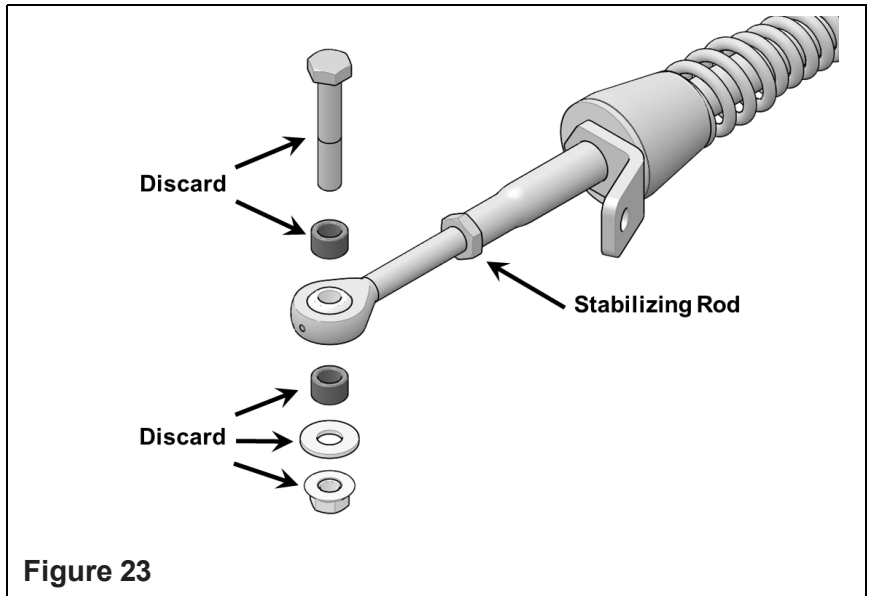
**Figure 21**

## FRONT TRACK SYSTEMS:

1. Using a lifting device, raise the front of the vehicle and install appropriate stands. Ensure that the vehicle is immobilized and safe to work on.
2. Remove front wheels to begin Track Mount installation. Make sure that wheel studs and wheel hubs are free of dirt. Figure 22.

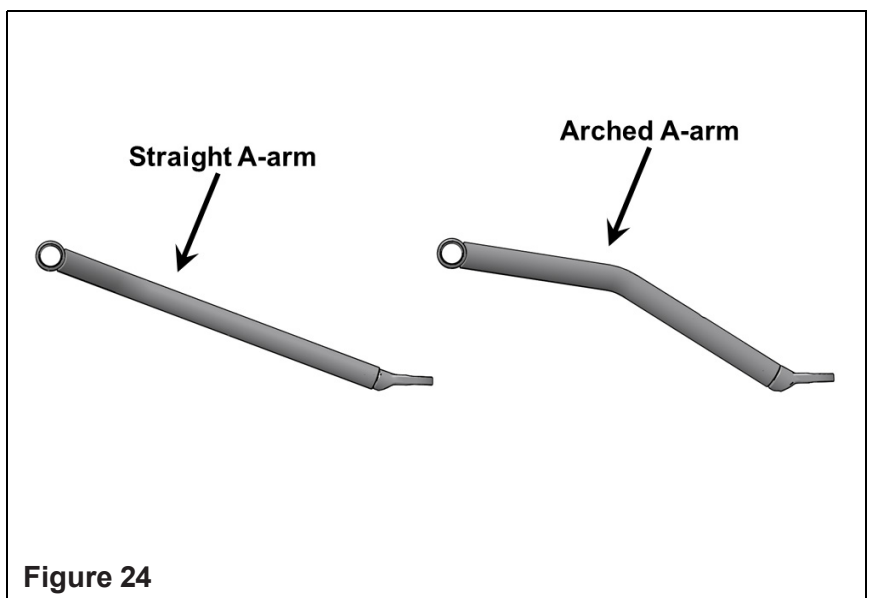


3. If applicable, remove the CV joint protectors from the A-arms.
4. Remove and discard the bolt, bushings, washer and nut that are assembled on the front stabilizing rod end. Figure 23.



**NOTE:** Lower front suspension arms come in **straight** or **arched** versions, depending on the vehicle. The anchor bracket set differs for each version. Figure 24.

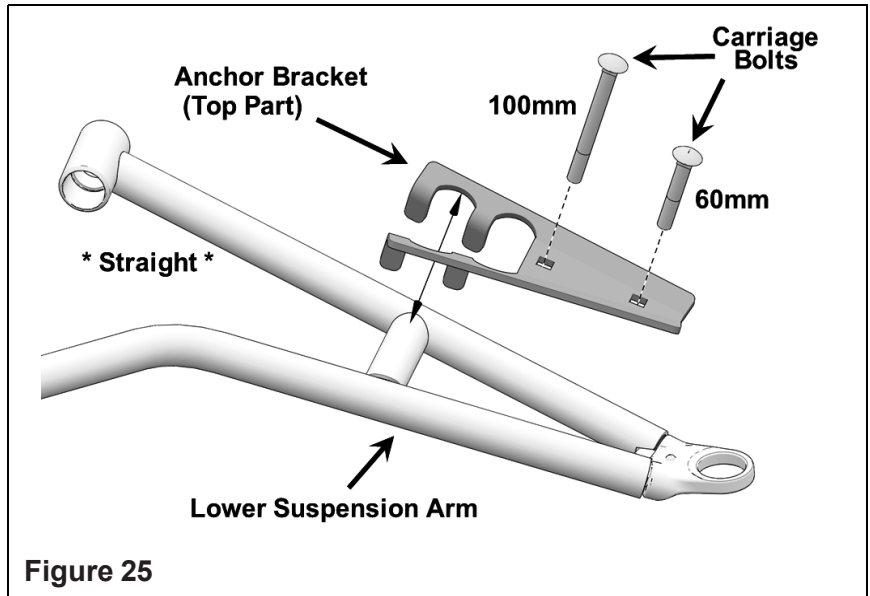
- If the vehicle is equipped with **\*straight\*** lower front suspensions arms, go to **Step 5**.
- If the vehicle is equipped with **\*arched\*** lower front suspensions arms, go to **Step 10**.



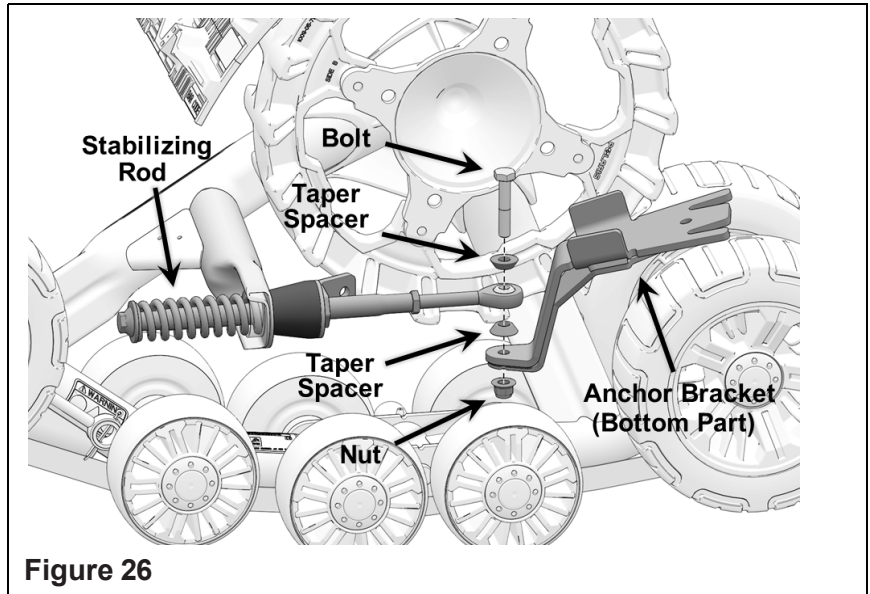
## \*STRAIGHT\* SUSPENSION ARMS - ANCHOR BRACKET INSTALLATION

- Position the top part of the anchor bracket over the lower suspension arm as shown in Figure 25. Insert carriage bolts through square holes provided, M10x60mm bolt at the front and M10x100mm bolt at the back. See Figure 25.

**NOTE:** To facilitate installation, compress suspension using an appropriate tool, such as a ratchet strap.



- Attach bottom part of anchor bracket to stabilizing rod on Track Kit unit using the bolt, taper spacers, and nut provided in the mount kit. Hand tighten the nut temporarily. See Figure 26.

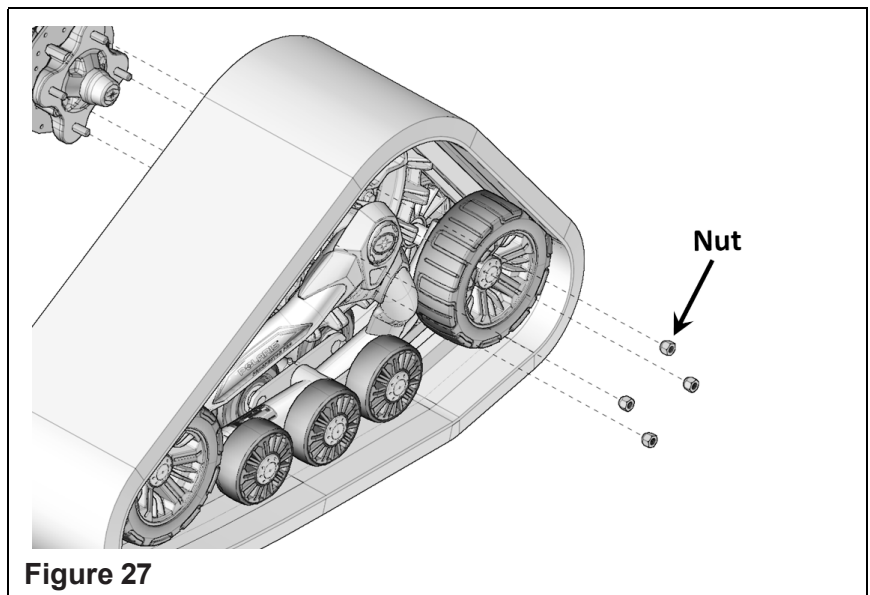


- Secure the undercarriage to the front hub using the nuts (ref. #26) provided in this mount kit. Figure 27.

**NOTE:** If needed, take rubber protector off of hub.

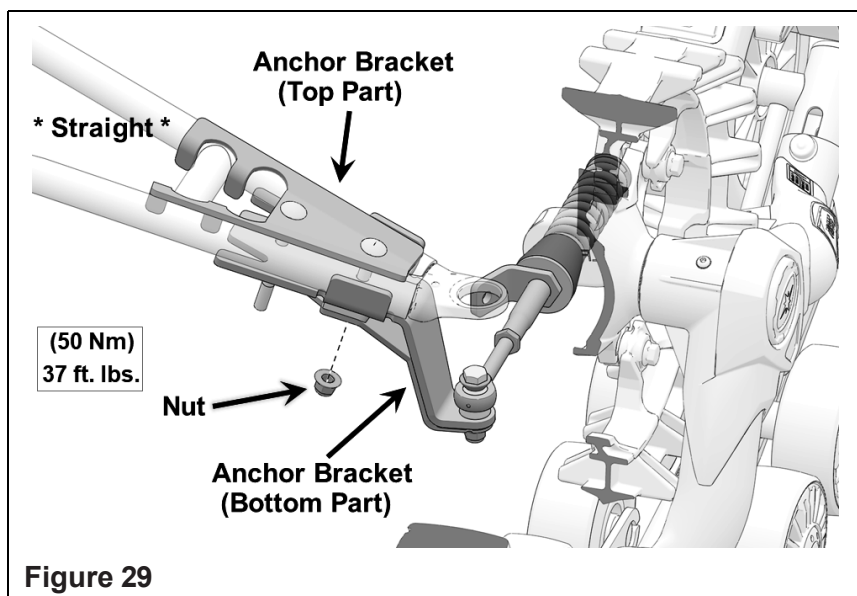
**NOTE:** Ensure that the cotter pin of the axle nut does not interfere with the undercarriage hub.

**NOTE:** Torque lug nuts to 85 ft. lbs. (115 Nm).



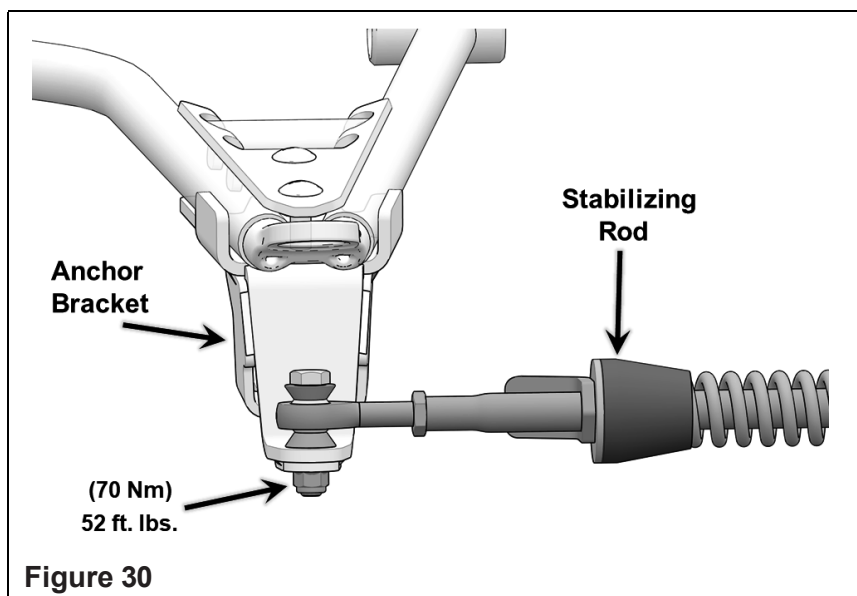
8. Work bottom part of anchor bracket under suspension arm and in position so as to be able to insert the carriage bolts through. Thread nut on M10x60mm carriage bolt. Torque assembly to 37 ft. lbs. (50 Nm). See Figure 29.

**NOTE:** If needed, rotate stabilizing rod and adjust length of rod end in or out to help position bottom part of anchor bracket under A-arm.



9. Torque nut securing stabilizing rod to anchor bracket to 52 ft. lbs. (70 Nm). See Figure 30.

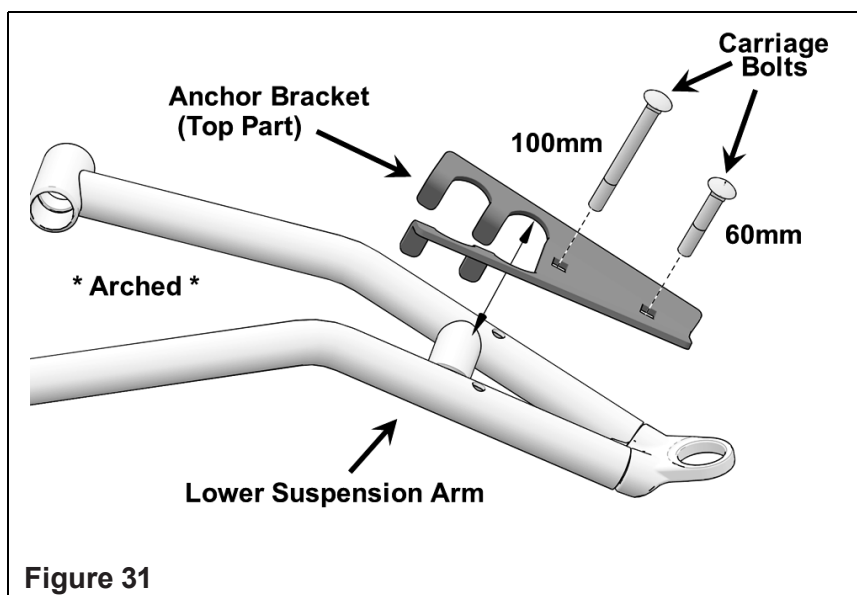
Go to **Step 15**.



#### **\*ARCHED\* SUSPENSION ARMS - ANCHOR BRACKET INSTALLATION**

10. Position the top part of the anchor bracket over the lower suspension arm as shown in Figure 31. Insert carriage bolts through square holes provided, M10x60mm bolt at the front and M10x100mm bolt at the back. See Figure 31.

**NOTE:** To facilitate installation, compress suspension using an appropriate tool, such as a ratchet strap.





11. Attach bottom part of anchor bracket to stabilizing rod on Track Kit unit using the bolt, taper spacers, and nut provided in the mount kit. Hand tighten the nut temporarily. See Figure 32.

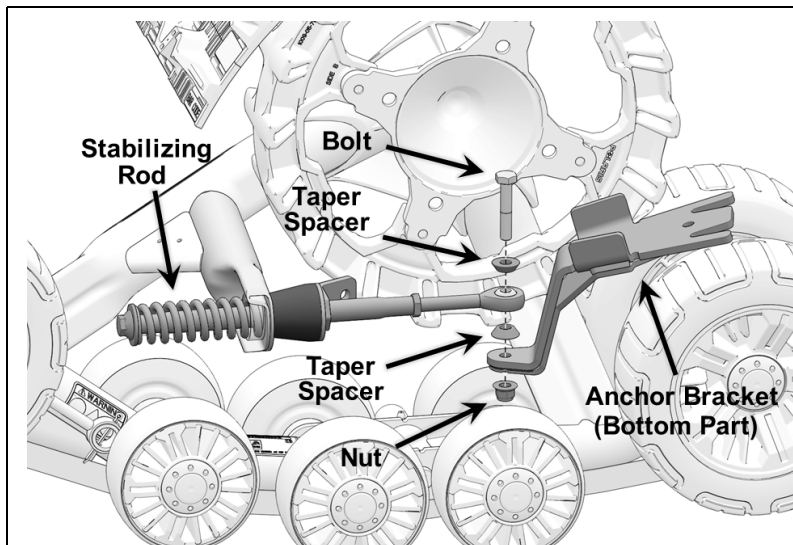


Figure 32

12. Secure the undercarriage to the front hub using the nuts (ref. #26) provided in this mount kit. Figure 33.

**NOTE:** If needed, take rubber protector off of hub.

**NOTE:** Ensure that the cotter pin of the axle nut does not interfere with the undercarriage hub.

**NOTE:** Torque lug nuts to 85 ft. lbs. (115 Nm).

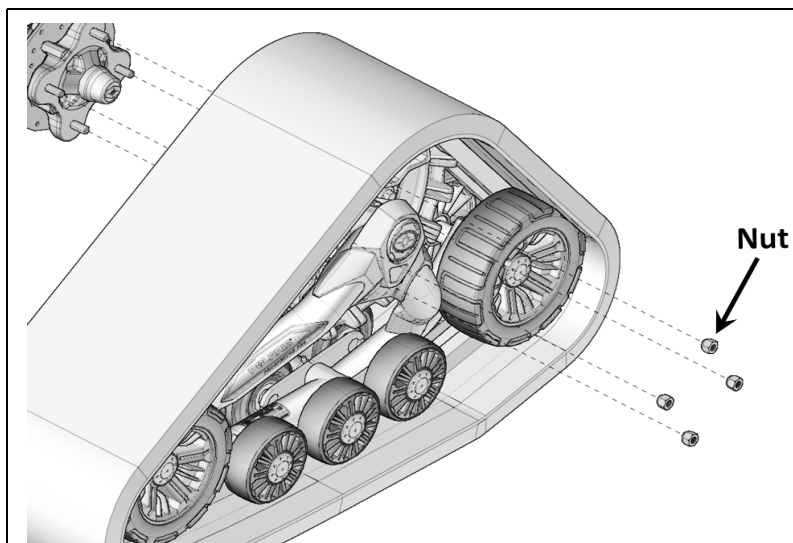


Figure 33

13. Work bottom part of anchor bracket under suspension arm and in position so as to be able to insert the carriage bolts through. Thread nut on M10x60mm carriage bolt. Torque assembly to 37 ft. lbs. (50 Nm). See Figure 34.

**NOTE:** If needed, rotate stabilizing rod and adjust length of rod end in or out to help position bottom part of anchor bracket under A-arm.

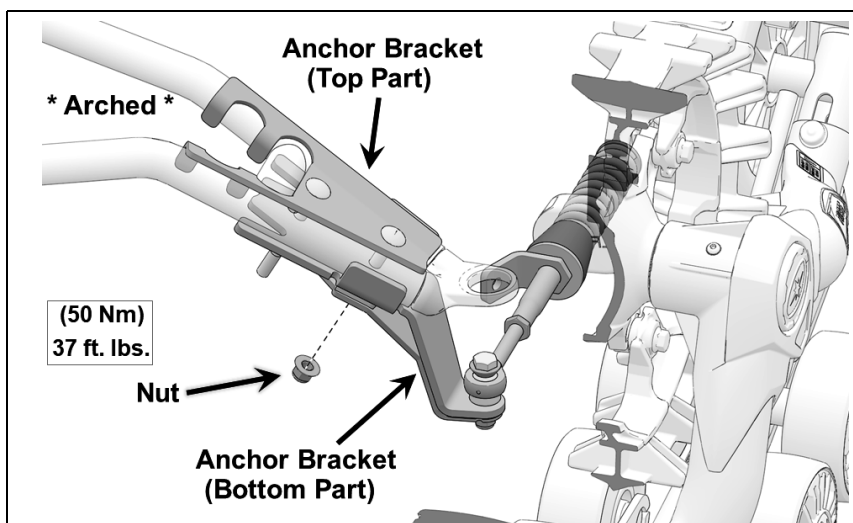
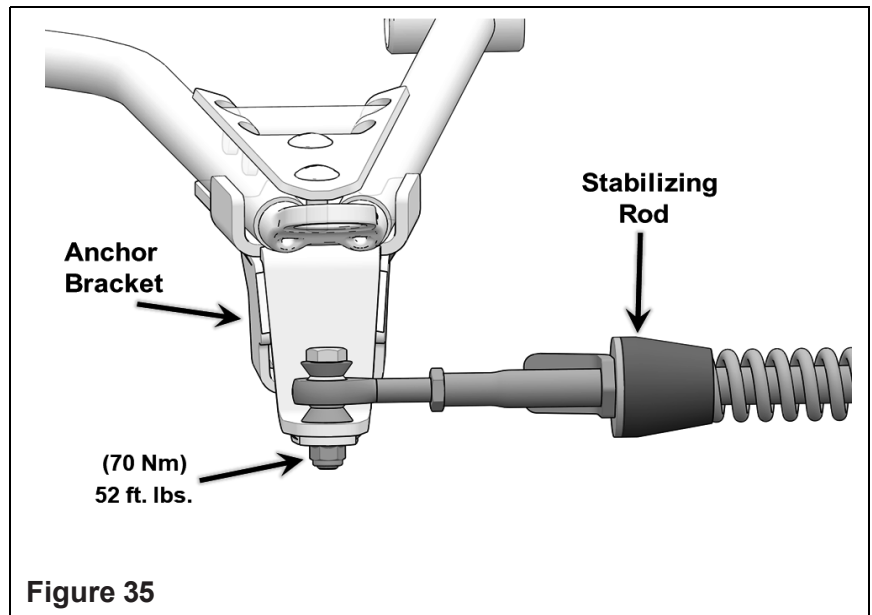


Figure 34

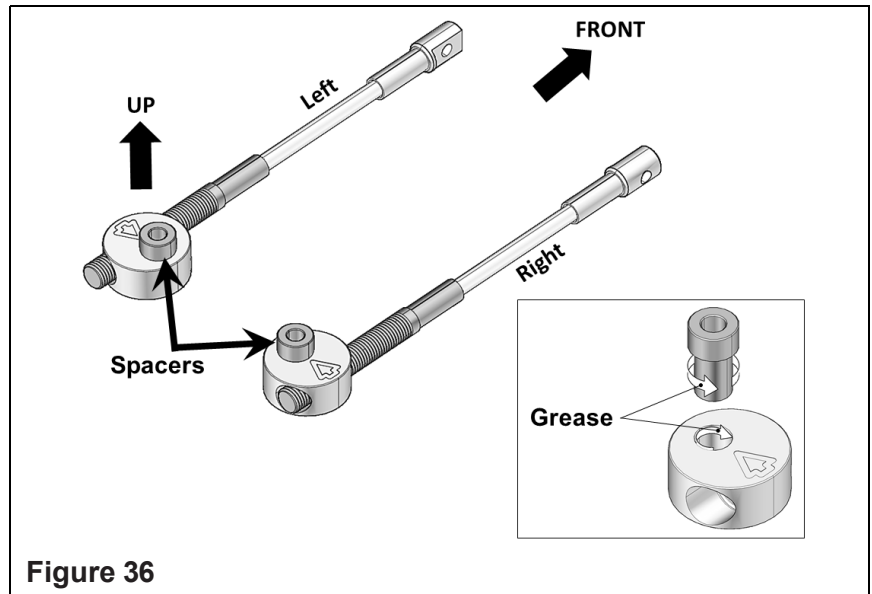
14. Torque nut securing stabilizing rod to anchor bracket to 52 ft. lbs. (70 Nm).  
See Figure 35.



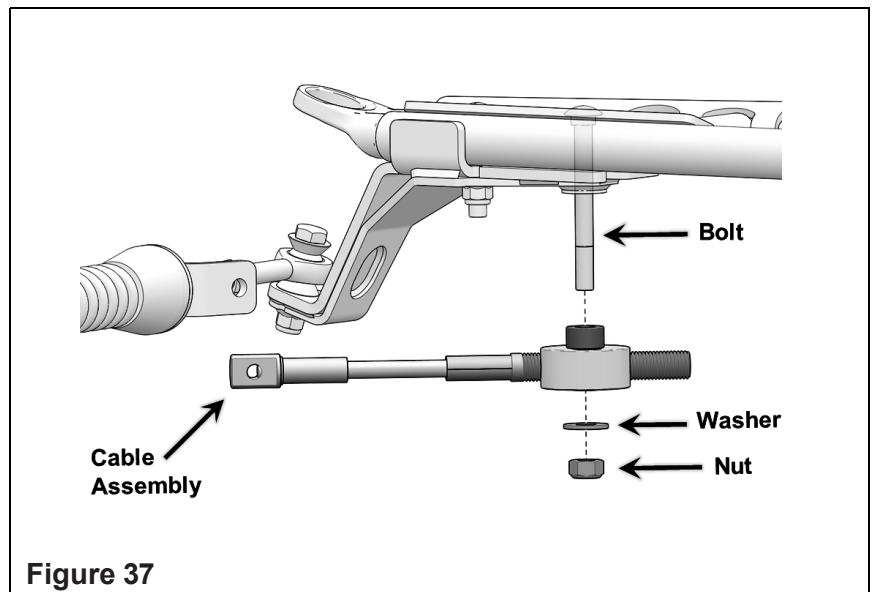
### STEERING LIMITER INSTALLATION:

15. Insert Step spacers in the Steering limiter assemblies to get left and right steering limiters. Figure 36.

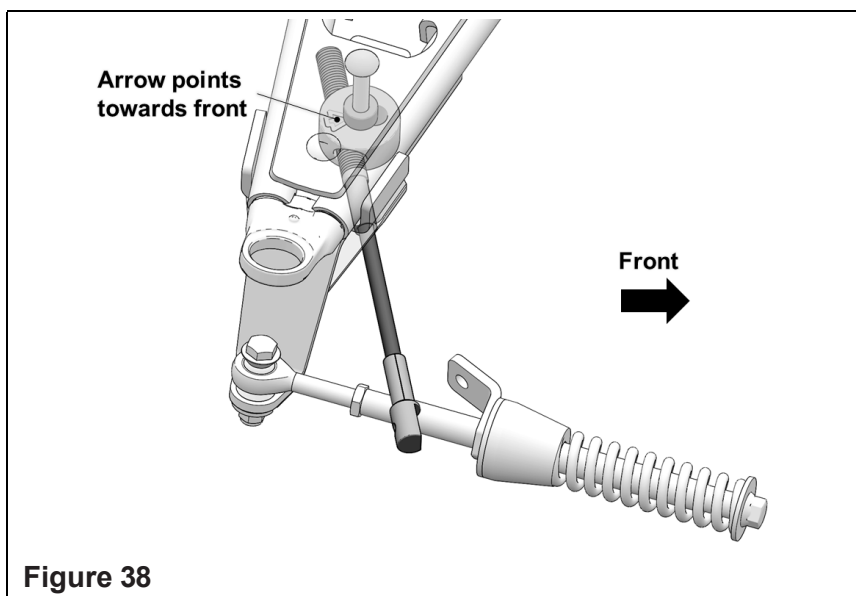
**NOTE:** Apply grease to Step spacers and Mounting disks before assembling the components.



16. Slip Steering limiter cable assembly over M10x100mm carriage bolt already inserted through anchor bracket and secure with washer and nut. Tighten nut to 37 ft. lbs. (50 Nm).  
See Figure 37.



**NOTE:** Make sure the arrow on top of aluminum Mounting disk points toward the front of the vehicle. Figure 38.



### STEERING LIMITER ADJUSTMENT:

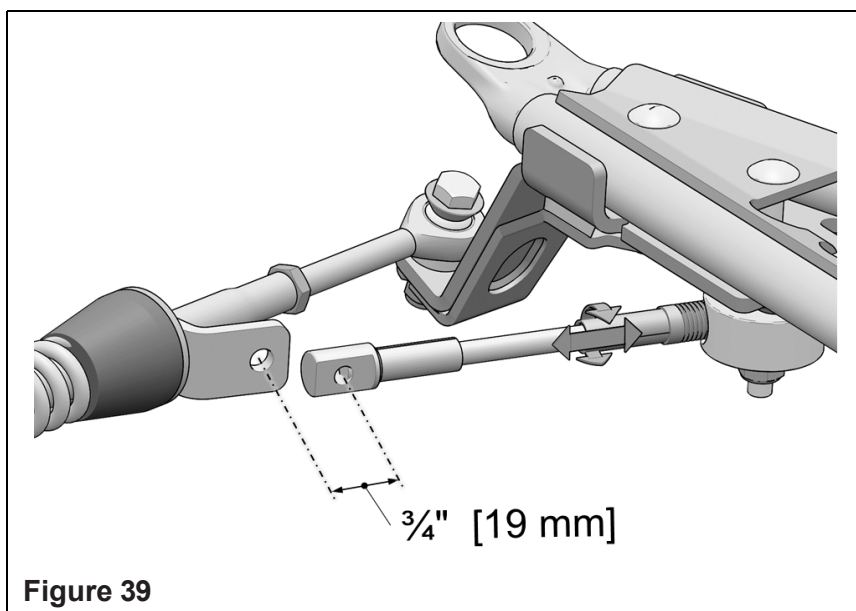
**CAUTION:** The angle of attack must absolutely be set before beginning steering limiter adjustment on front track systems. Refer to the User Manual for angle of attack settings.

17. Turn the vehicle's steering wheel to its maximum point of travel on the left hand side. While maintaining pressure on the steering wheel, turn threaded rod to adjust length of cable so that the center of the hole at the end of the cable is located  $\frac{3}{4}$  inch [19 mm] short of the center of the support plate mounting hole. Figure 39.

**CAUTION:** To prevent potential damage to vehicle components, the **\*\*  $\frac{3}{4}$  inch [19 mm] \*\* gap is mandatory.**

**NOTE:** Cable will be in close proximity with lower bracket when slack is present. If cable is contacting the bracket, adjust threaded rod on the cable inward to provide a larger gap as mentioned in step 17 to provide additional clearance to the cable and bracket.

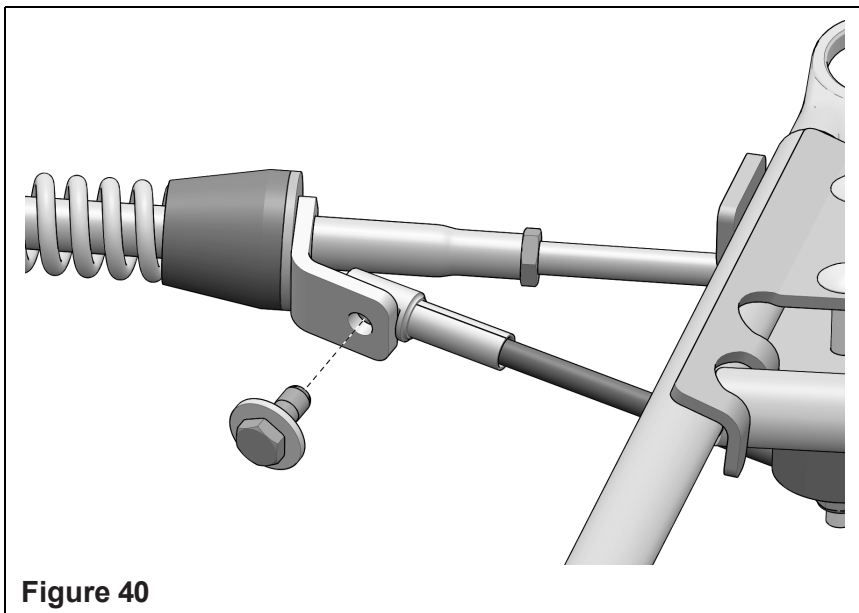
**NOTE:** Polaris recommends to inspect cables seasonally for excessive wear and replace if necessary.





18. Reverse steering wheel a little to be able to bolt support plate and cable together. Tighten provided bolt to 24 ft. lbs. (35 Nm). Figure 40.

Repeat steps to adjust right side.



### COMPLETION:

1. Verify the suspension settings. If the shock absorbers are adjustable, they should be adjusted to the firmest level to allow for maximum clearance between the track systems and the vehicle fenders.
2. Verify for possible contact between the undercarriage and the lower fender. If there is contact, the fender should be modified (cut) to avoid damage to the vehicle's components and premature wear on rubber track.
3. Lower the vehicle to the ground.

### ADJUSTMENTS:

**CAUTION:** The track systems are designed to provide the best performance in terms of traction and floatability. Adjustments such as alignment, track tension, and angle of attack are necessary and mandatory for optimal performance of the systems. For more information on these adjustments, refer to the **USER MANUAL** provided with the installation kit specific to the vehicle.

### INSTRUCTION FEEDBACK FORM

A feedback form has been created for the installer to provide any comments, questions or concerns about the installation instructions. The form is viewable on mobile devices by scanning the QR code or by clicking [HERE](#) if viewing on a PC.

