

# CAMOPLAST MOUNTING KIT RANGER MID

P/N 2880058

Application

MY14 MIDSIZE RANGER 400, 500, 800



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:

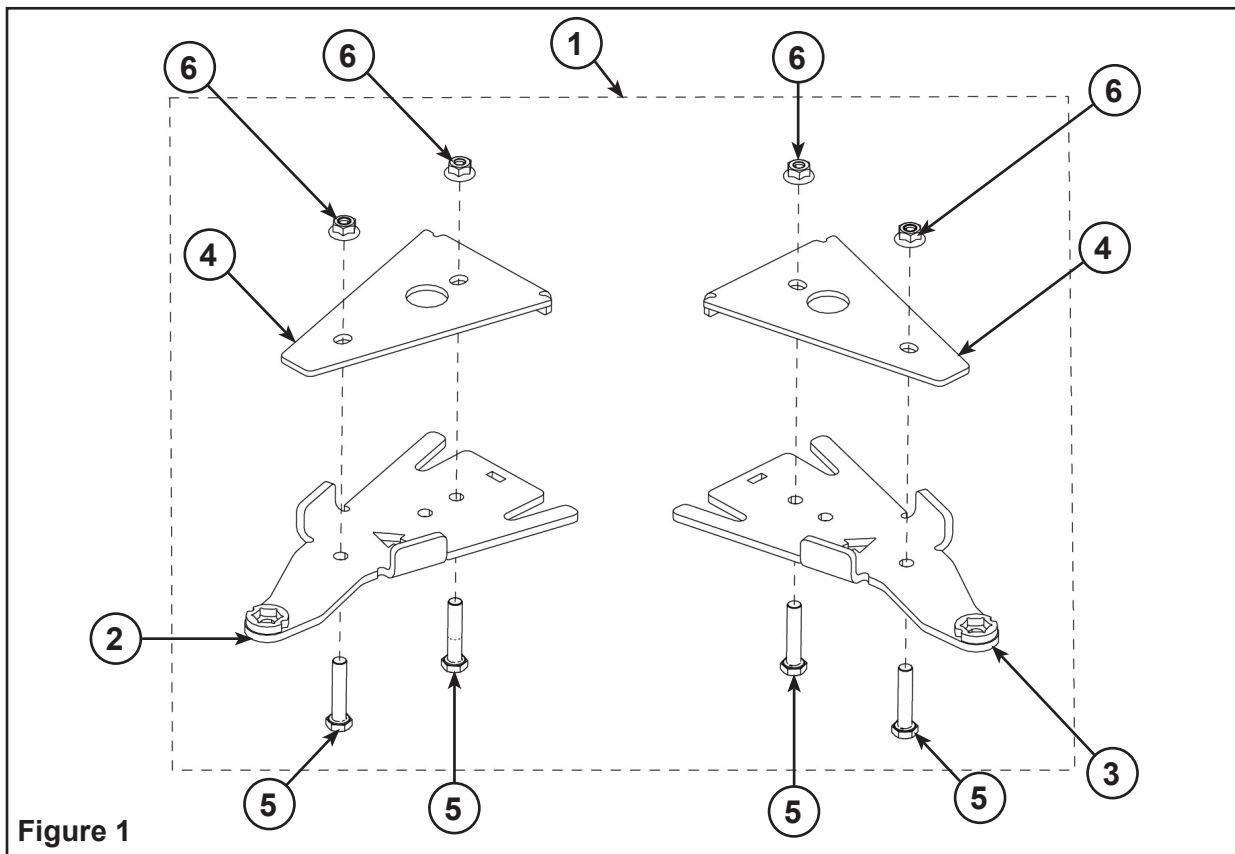
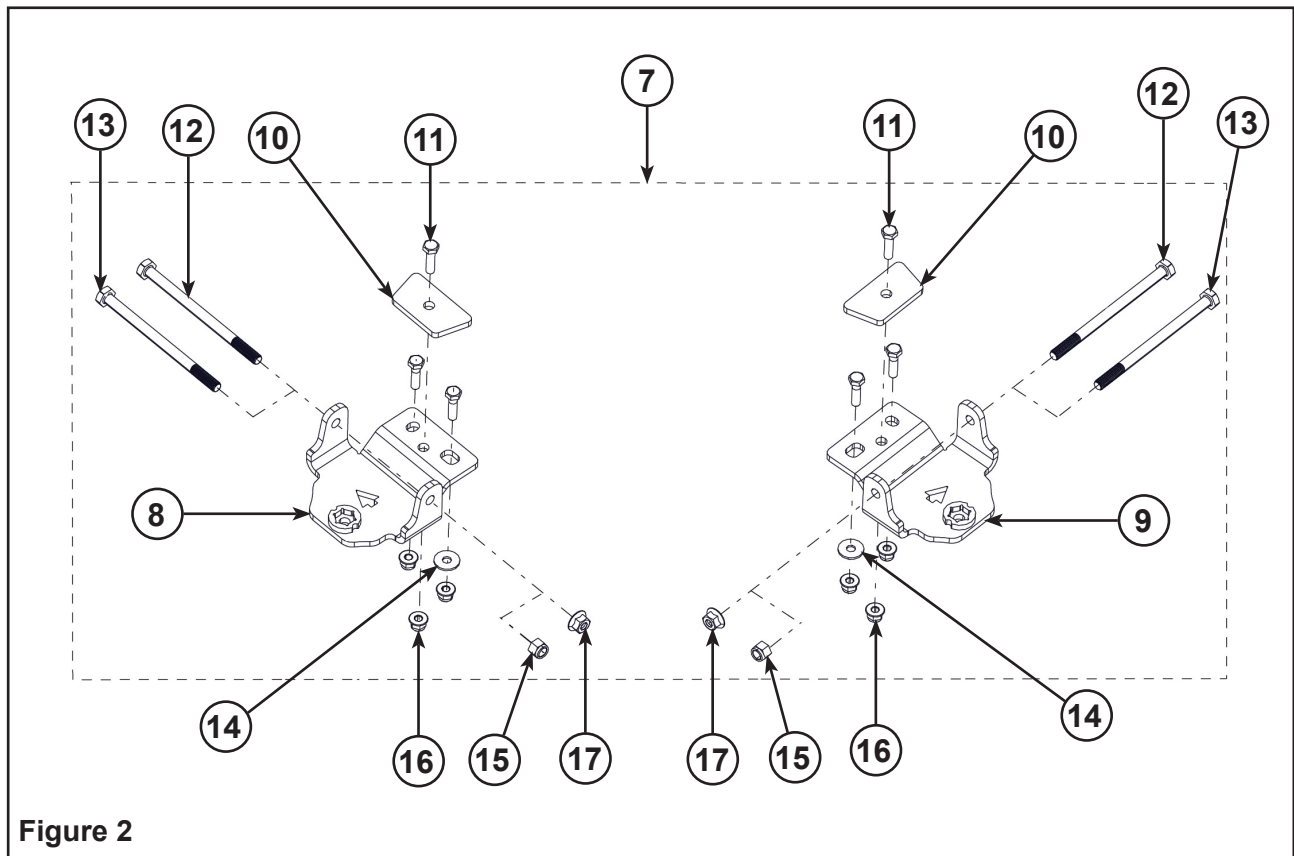


Figure 1

## Kit Contents:

<u>Ref</u>	<u>Qty</u>	<u>Part Description</u>	<u>Part Number</u>
1	1	Front Bracket Kit	2205395
2	1	Front Left Anchor Bracket	-
3	1	Front Right Anchor Bracket	-
4	2	Front Bracket Cover	-
5	4	Hex Bolt-HCS, M10-1.5X55, 8.8, ZP, DIN931	-
6	4	Nylon Nut-FNN, M10-1.5, 8, ZP, DIN6926	-

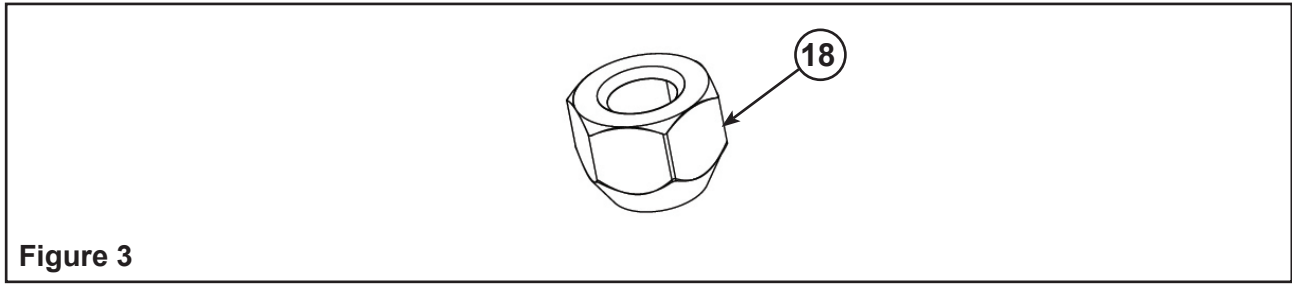
## REAR ANCHOR BRACKET:



### Kit Contents:

<u>Ref</u>	<u>Qty</u>	<u>Part Description</u>	<u>Part Number</u>
7	1	Rear Bracket Kit	2205410
8	1	Rear Left Anchor Bracket	-
9	1	Rear Right Anchor Bracket	-
10	2	Rear Bracket Cover	-
11	4	Hex Bolt-HCS, M8-1.25X30, 8.8, ZP, DIN933	-
12	2	Hex Bolt-HCS, M10-1.5X150, 8.8, ZP, DIN931	-
13	2	Hex Bolt-HCS, 3/8-16X6, ZP, SAE J429	-
14	2	Washer-W, 24x8.4x2, ZP, DIN9021	-
15	2	Nylon Nut-NN, 3/8-16, 5, ZP, ASME B18.16.6	-
16	4	Nylon Nut-FNN, M8-1.25, 8, ZP, DIN6926	-
17	2	Nylon Nut-FNN, M10-1.5, 8, ZP, DIN6926	-

## WHEEL LUG NUT:



### Kit Contents:

<u>Ref</u>	<u>Qty</u>	<u>Part Description</u>	<u>Part Number</u>
18	16	Wheel Lug Nut-LN, 3/8-24X15.8, ZP	2205457
	1	Instructions	9924985

### Tools Required:

Lift Table or Floor Jack	Torque Wrench	Standard Socket Set
2 Jack Stands	Ratchet	Standard Wrench Set
T25 Torx	Metric Socket Set	Metric Wrench Set

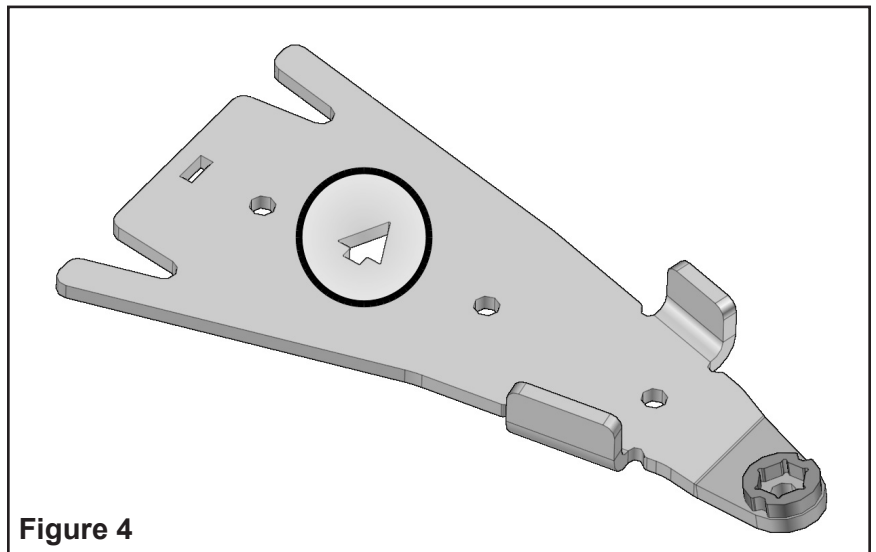
**APPROXIMATE ASSEMBLY TIME:** 60 minutes

**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.

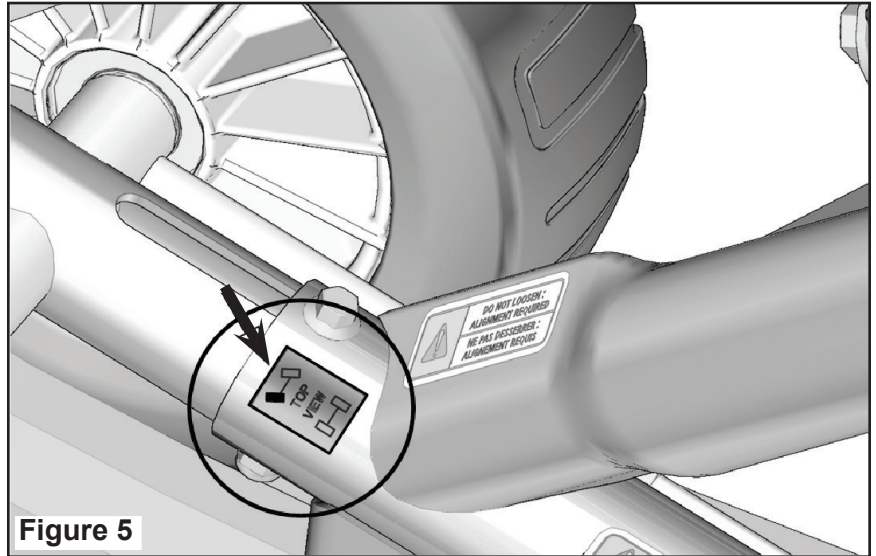
1. For installation purposes, directional arrows have been cut out of the main components in the anchor bracket kits. These arrows indicate the front of the vehicle relative to the component. Figure 4.



## PREPARATION:

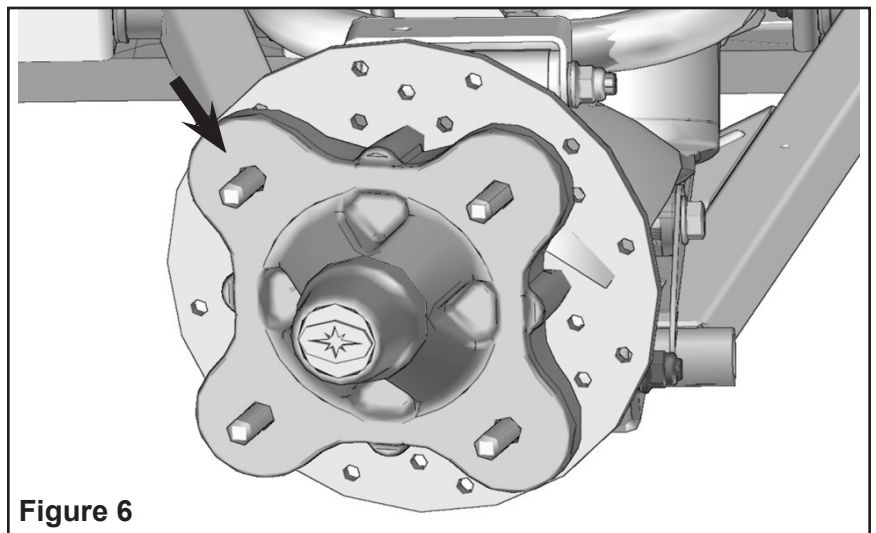
**WARNING:** Never place body parts under the vehicle unless it is securely placed on appropriate stands. Severe injuries could occur if the vehicle collapses or moves. Do not use a lifting device as a secure stand.

1. Position the vehicle on a flat and level surface (or on a suitable lifting device), shift the transmission to neutral and turn off engine.
2. Identify and position each unit of the track system near the position indicated on the sticker. Figure 5.



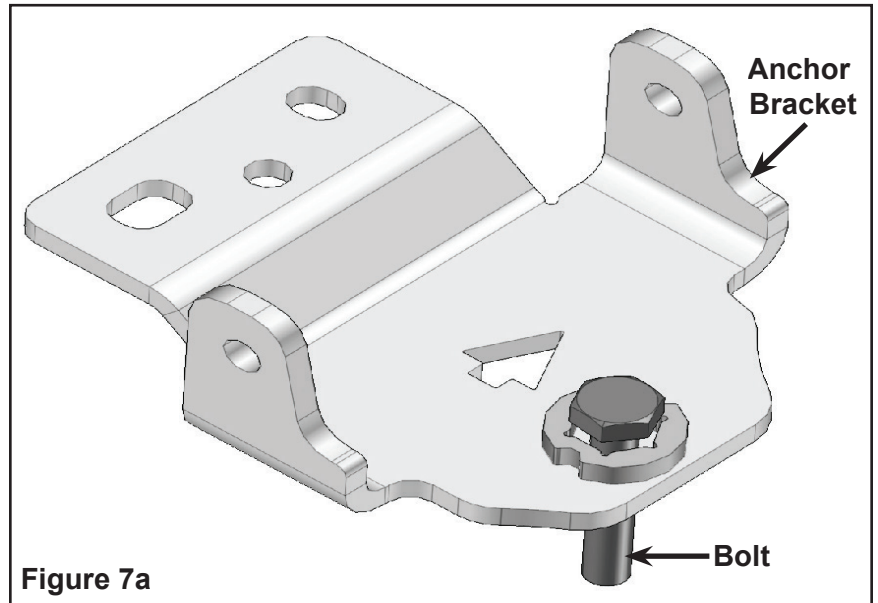
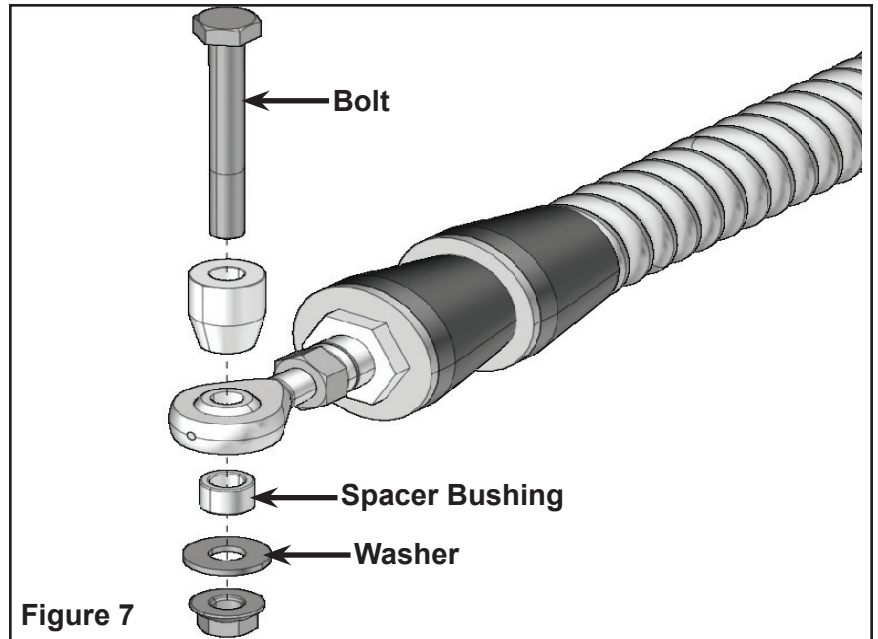
## REAR TRACK SYSTEMS:

1. Using a lifting device, raise the rear of the UTV and install appropriate stands. Ensure that the vehicle is immobilized and safe to work on.
2. Remove rear wheels. Make sure that wheel studs and wheel hubs are free of dirt. Figure 6.



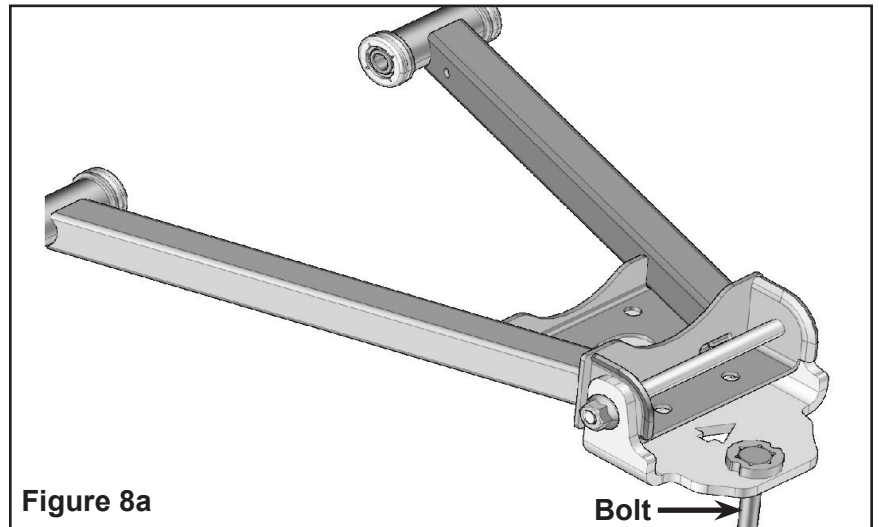
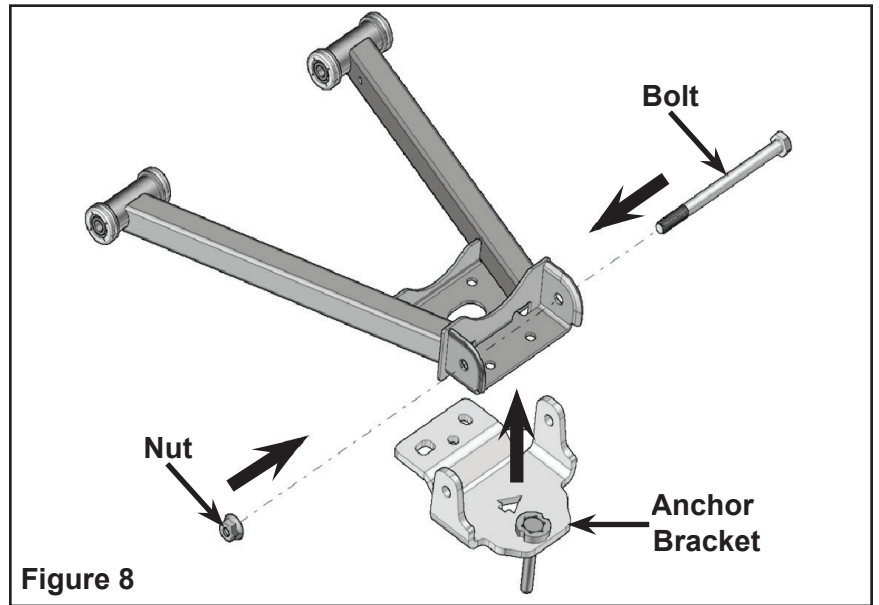
3. If applicable, remove the CV joint protectors from the A-arms.
4. Remove bolt, washers and spacer bushings from the rear stabilizing rod end. Figure 7.  
Insert the bolt in the rear anchor bracket end. Figure 7a.

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

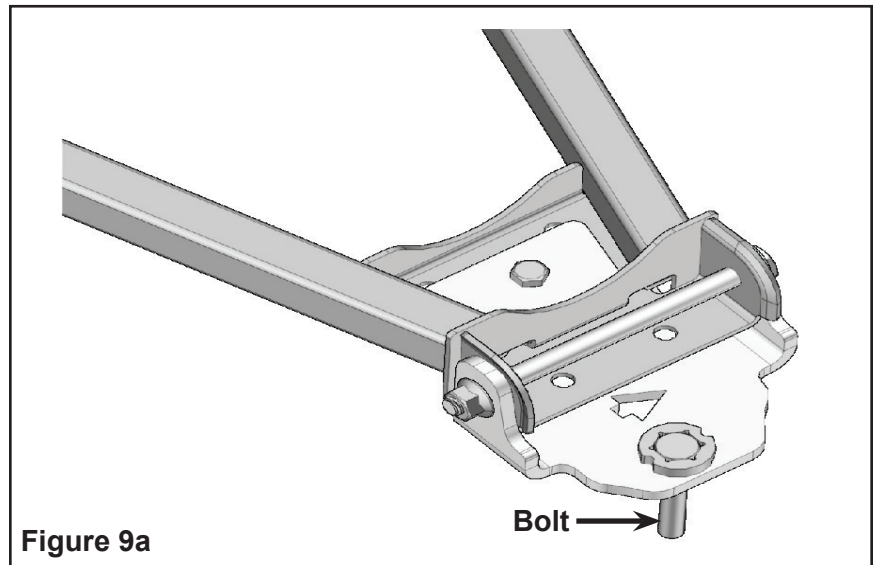
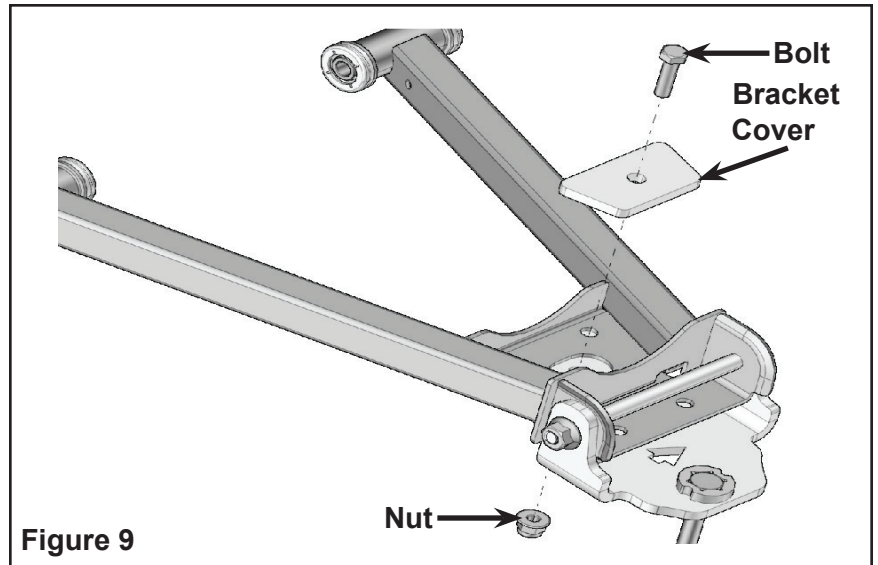


**For CONFIGURATION #1:**

5. Remove the mounting bolt linking the lower suspension arm to the wheel hub. Install the anchor bracket under the suspension arm. Insert the new M10 bolt in the anchor bracket, through the lower suspension arm and the wheel hub. Thread the M10 nut on the bolt but do not tighten it yet. Figure 8 and Figure 8a.



6. Position the bracket cover over oval hole in lower a-arm and secure it in place using an M8 bolt and nut. Torque the M8 bolt to 18 ft. lbs. (25 Nm) and M10 bolt to 37 ft. lbs. (50 Nm). Figure 9 and Figure 9a.

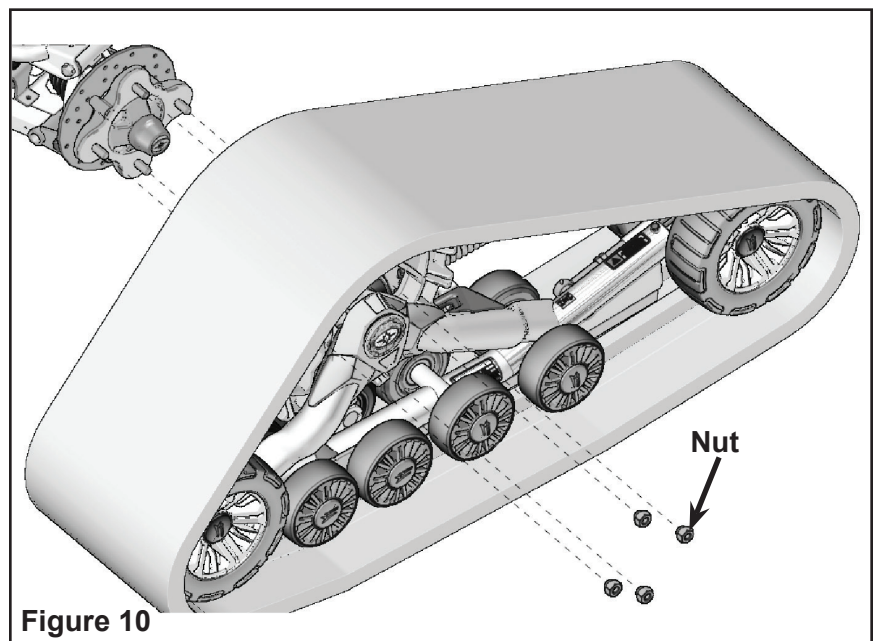


7. Secure the undercarriage to the rear hub using the nuts provided in this mount kit. Figure 10.

**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.

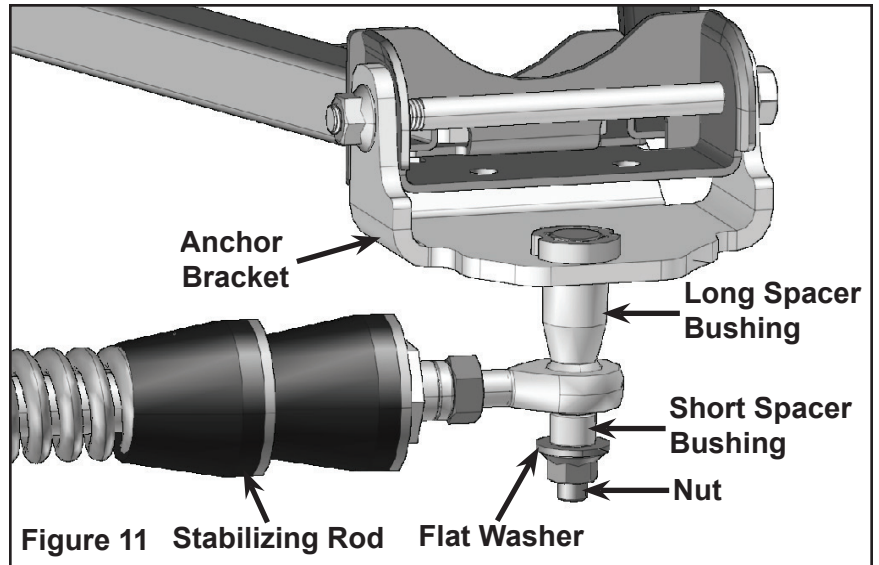
**NOTE:** Torque lug nuts to 60 ft. lbs. (81 Nm) at this time.



8. Attach the stabilizing rod to the anchor bracket, using the long spacer bushing, the short spacer bushing, flat washer and nut. Torque to 52 ft. lbs. (70 Nm). Figure 11.

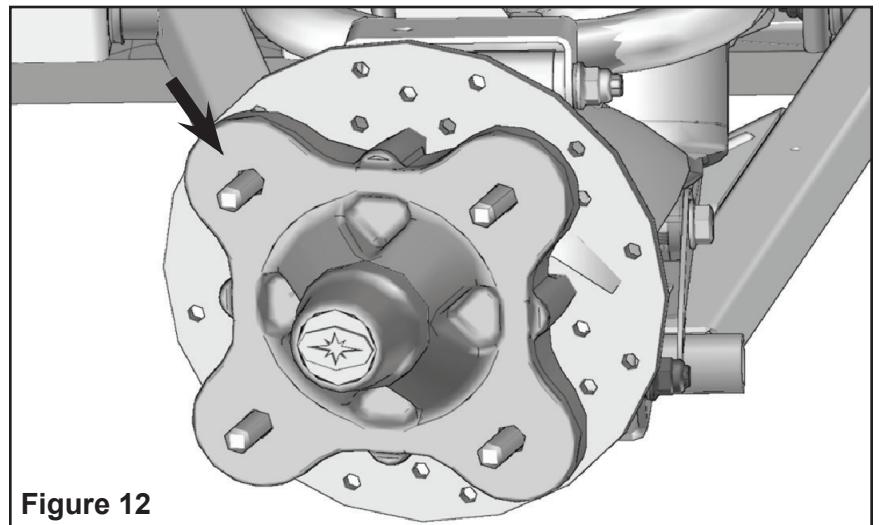
**NOTE:** Ensure that parts are assembled in the correct order.

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



### FRONT TRACK SYSTEMS:

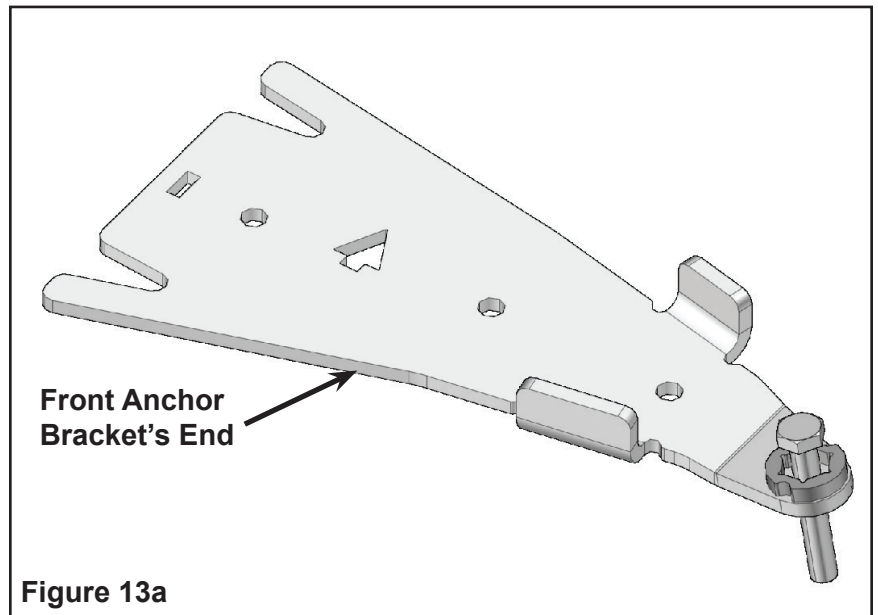
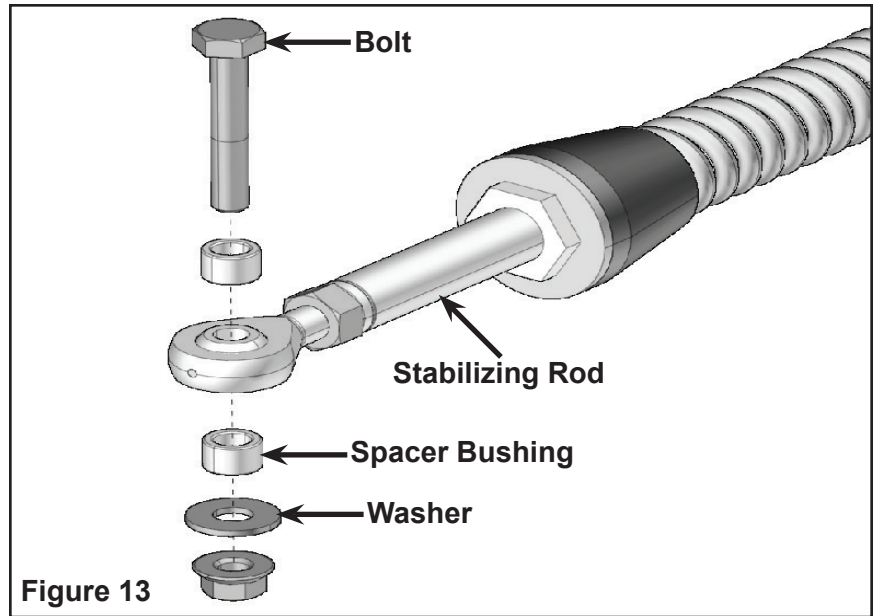
1. Using a lifting device, raise the front of the UTV and install appropriate stands. Ensure that the vehicle is immobilized and safe to work on.
2. Remove front wheels. Make sure that wheel studs and wheel hubs are free of dirt. Figure 12.



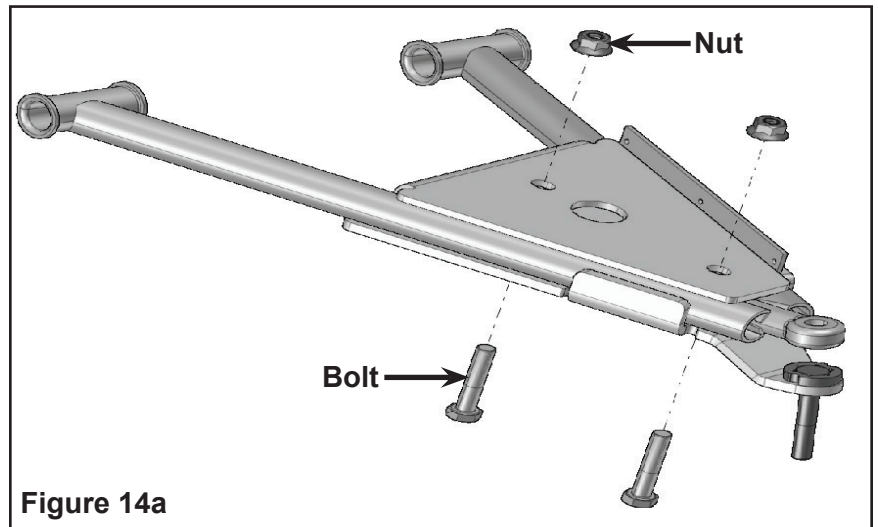
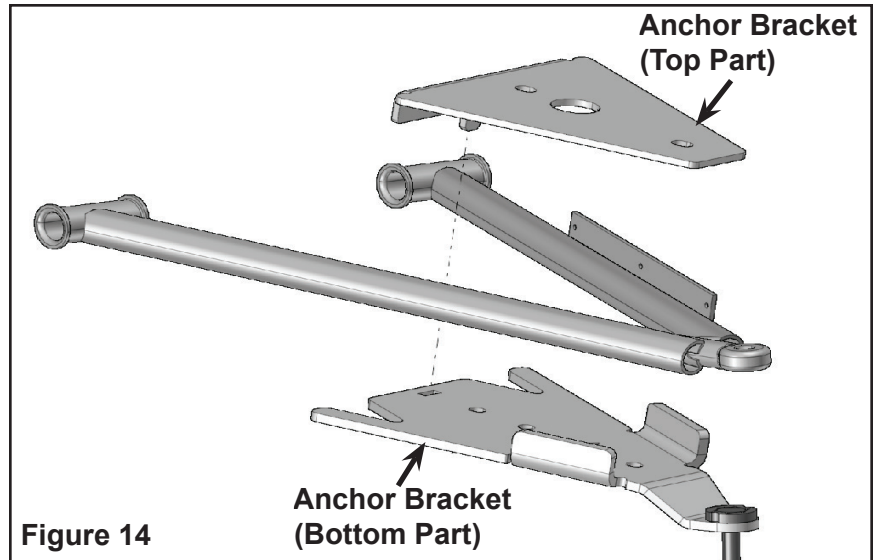


3. If applicable, remove the CV joint protectors from the A-arms.
4. Remove the bolt, washer and bushings from the front stabilizing rod end. Figure 13.  
Insert the bolt in the front anchor bracket's end. Figure 13a.

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



5. Position the bottom part of the anchor bracket underneath the lower suspension arm. Position the top part over the suspension arm so the tab slips in the slot in the bottom part. Insert the M10x55 mm bolts through the bottom and secure the two parts together with the nuts provided. Torque the assembly to 37 ft. lbs. (50 Nm). Figure 14 and Figure 14a.

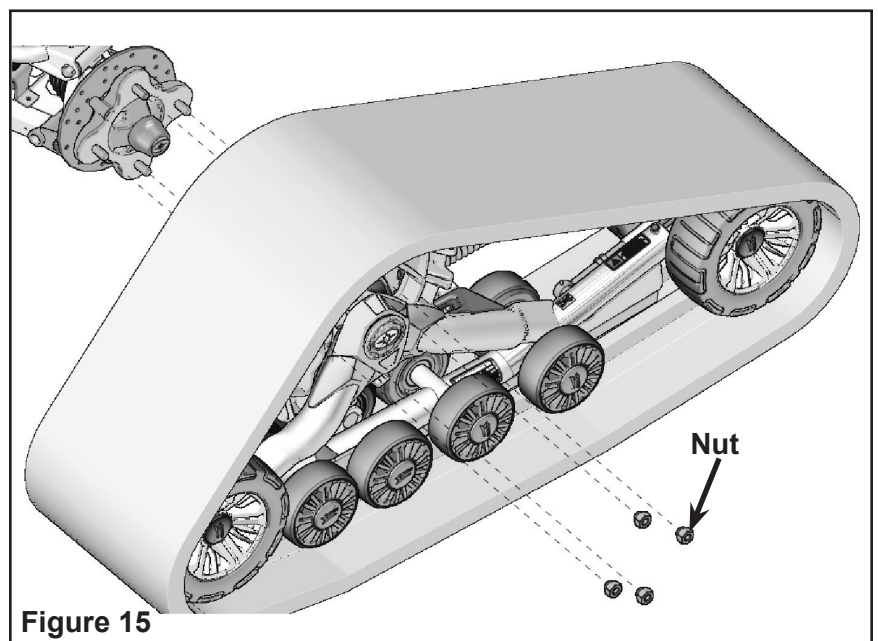


6. Secure the undercarriage to the front hub using the nuts provided in this mount kit. Figure 15.

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

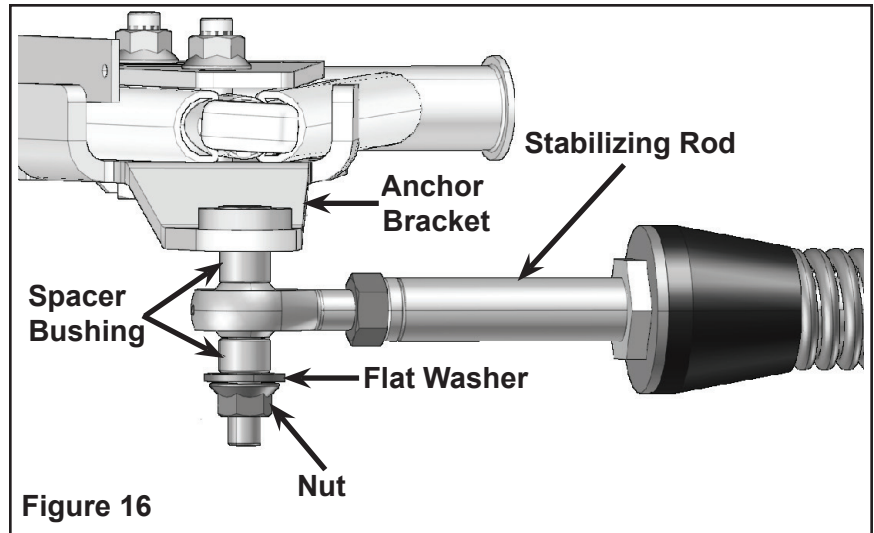
**NOTE:** Ensure that the cotter pin of the axle nut does not interfere with the undercarriage hub.

**NOTE:** Torque lug nuts to 60 ft. lbs. (81 Nm) at this time.



7. Attach the stabilizing rod to the anchor bracket, using the two spacer bushings, flat washer and nut. Torque to 52 ft. lbs. (70 Nm). Figure 16.

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



### COMPLETION:

1. Verify the suspension settings. If the shock absorbers are adjustable, they should be adjusted to the firmest level in order to allow for maximum clearance between the system and the fender of the vehicle.
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 UTV to the ground.

### ADJUSTMENTS:

**CAUTION:** The track systems are designed to provide the best performance in terms of traction and floatability. Adjustments such 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.