CAMOPLAST MOUNTING KIT, SPMN X2

P/N 2880072

Application

SPORTSMAN X2 500/800 MY08-14
SPORTSMAN TOURING 500/800 MY08-14

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:

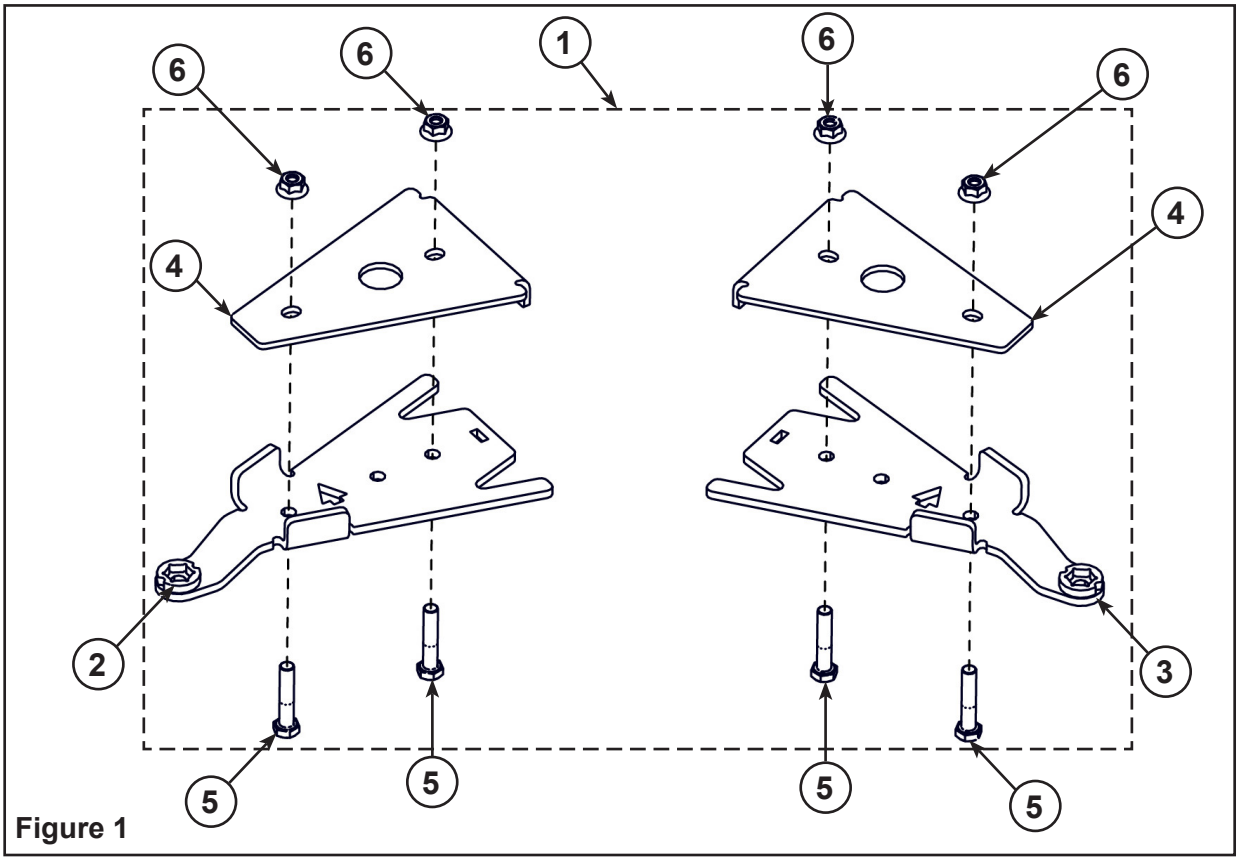

Figure 1

Kit Contents:

Ref	Qty	Part Description	Part Number
1	1	Front Bracket Kit	2205397
2	1	Front Left Anchor Bracket	-
3	1	Front Right Anchor Bracket	-
4	2	Front Bracket Cover	-
5	4	Hex Bolt-HCS, M10-1.5X50, 8.8, ZP, DIN931	-
6	4	Nylon Nut-FNN, M10-1.5, 8, ZP, DIN6926	-

REAR ANCHOR BRACKET:

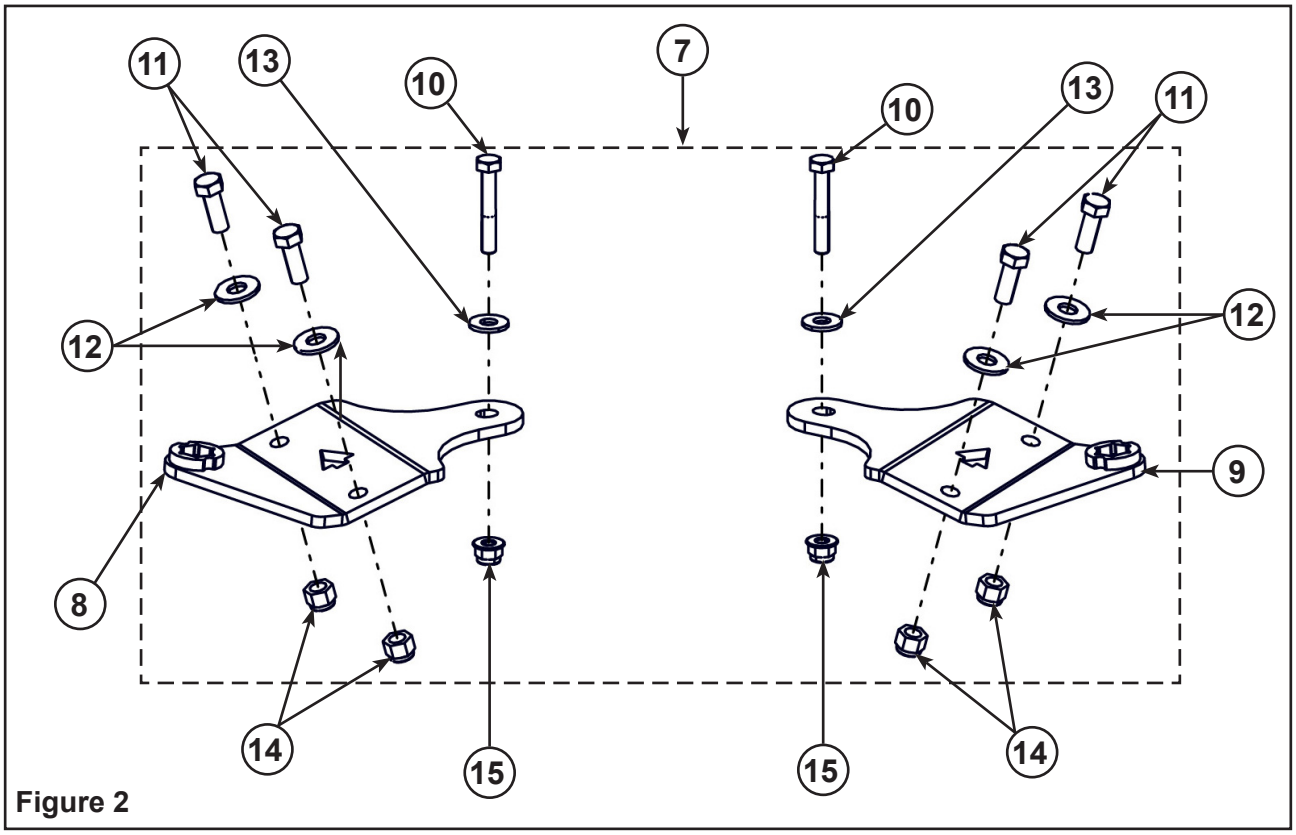

Figure 2

Kit Contents:

Ref	Qty	Part Description	Part Number
7	1	Rear Bracket Kit	2205398
8	1	Rear Left Anchor Bracket	-
9	1	Rear Right Anchor Bracket	-
10	2	Hex Bolt-HCS, M8-1.25X50, 8.8, ZP, DIN93	-
11	4	Hex Bolt-HCS, 3/8-16X1.0, ZP, SAE J429	-
12	4	Washer-7/16X1.0X0.072, 8, ZP, USS	-
13	2	Washer-3/8X7/8X0.09, 8, ZP, USS	-
14	4	Nylon Nut-NN, 3/8-16, 5, ZP, ASME B18.16.6	-
15	2	Nylon Nut-FNN, M8-1.25, 8, ZP, DIN6926	-

WHEEL LUG NUT:

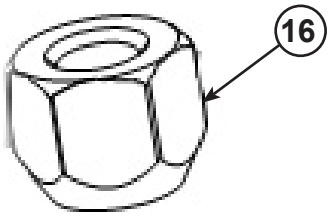

Figure 3

Kit Contents:

Ref	Qty	Part Description	Part Number
16	16	Wheel Lug Nut-LN, 3/8-24X15, 8, ZP	2205457
	1	Instructions	9924969

Tools Required:

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.

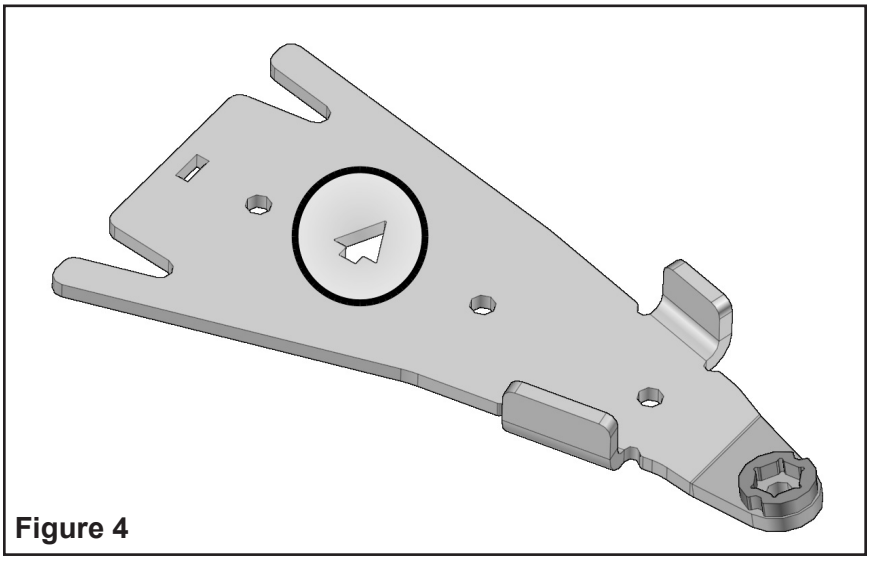

Figure 4

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 affixed on the frame. Figure 5.

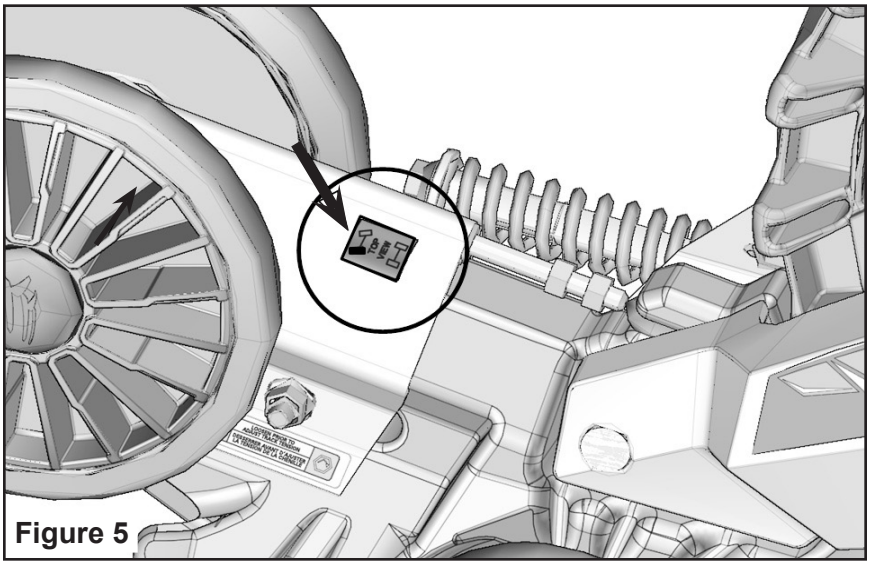

Figure 5

REAR TRACK SYSTEMS:

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

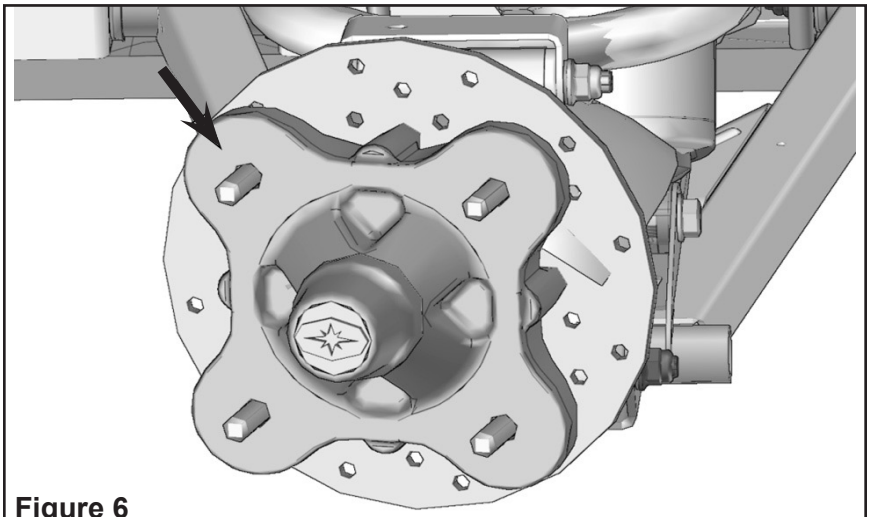

Figure 6

3. If applicable, remove 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's end. Figure 7a.

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

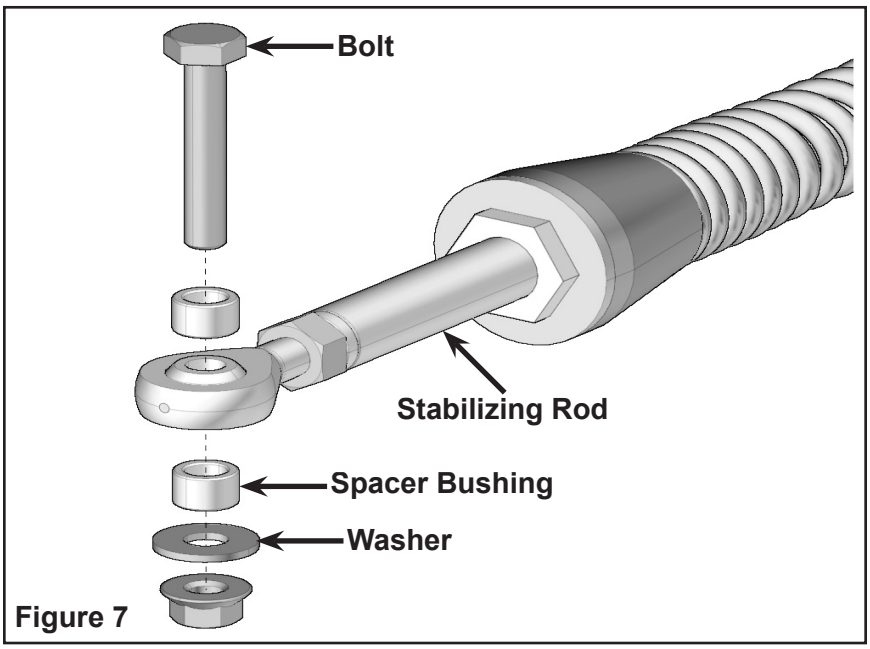

Figure 7

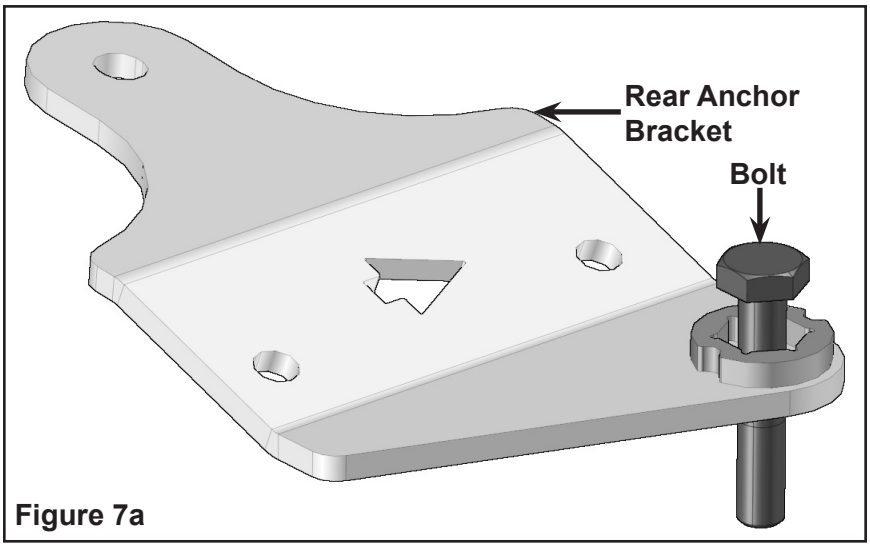

Figure 7a

5. Position the anchor bracket under lower suspension arm. Align the bracket's front holes with the holes in the suspension arm. Figure 8. Insert the 3/8"-16" bolts with washers through suspension arm and bracket holes. Hand-tighten bolts with 3/8 nuts provided. Figure 8a.

   NOTE: Arrow cutout in anchor bracket must face front of vehicle.

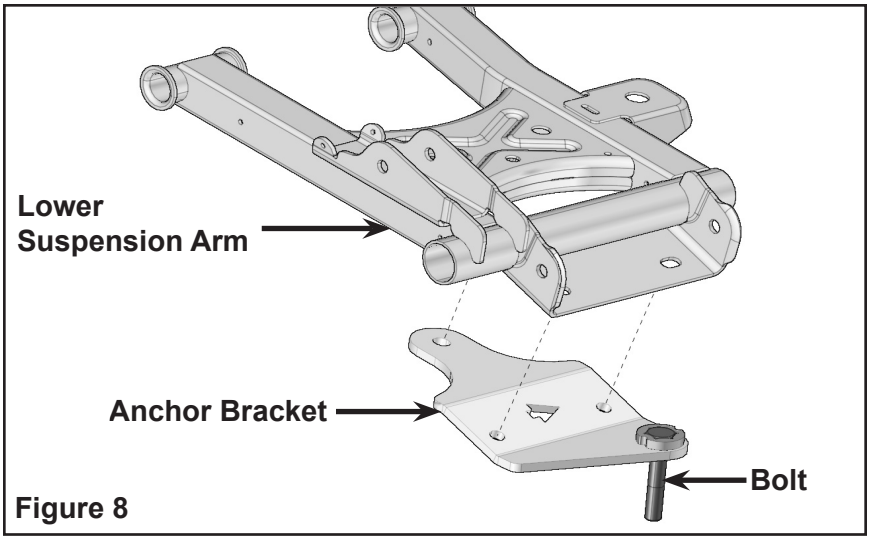

Figure 8

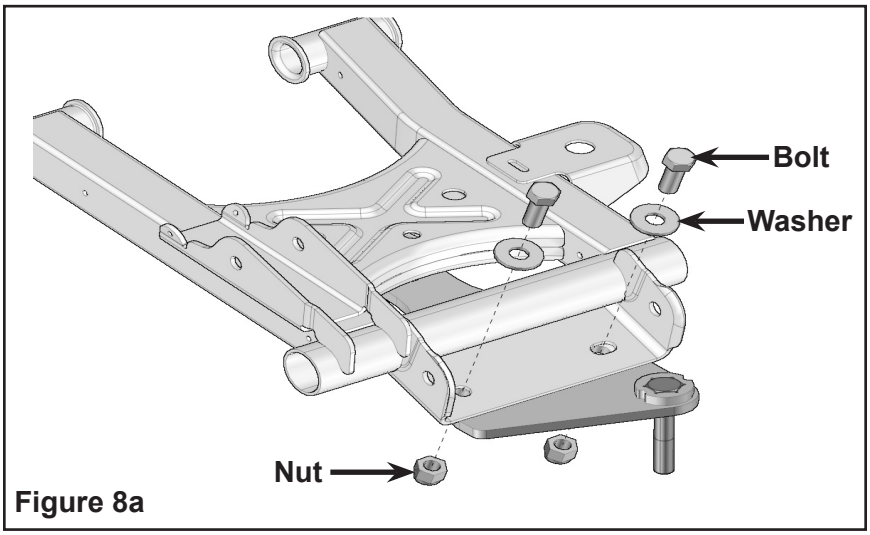

Figure 8a

6. Install the washer on M8 bolt. Insert bolt in the suspension arm hole, aligned with hole at the back of anchor bracket. Install M8 nut on the bolt and tighten to 18 ft. lbs. (25 Nm). Torque the two 3/8 bolts to 26 ft. lbs. (35 Nm). Figure 9 and Figure 9a.

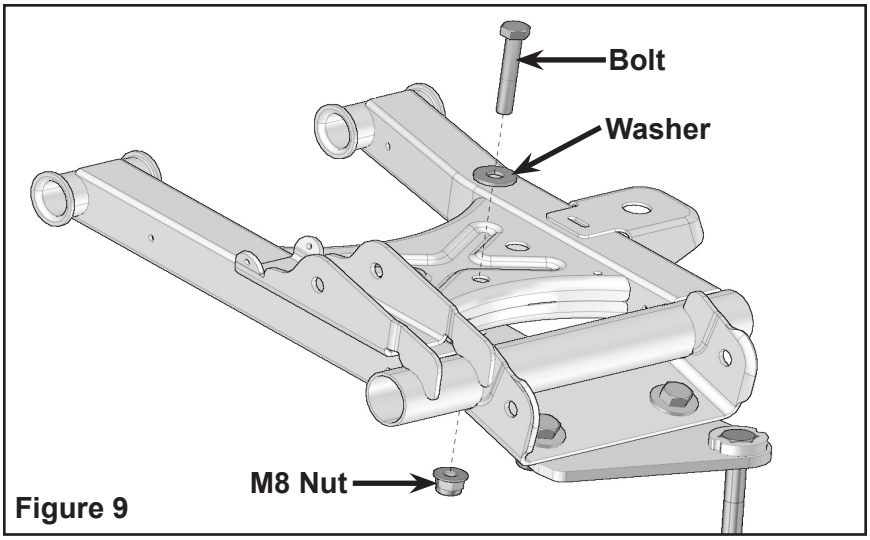

Figure 9

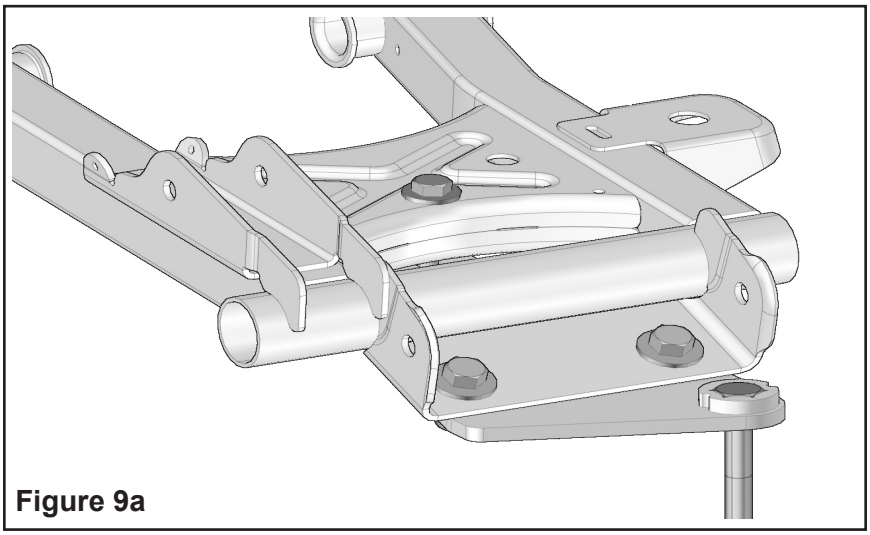
Figure 9a

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 45 ft lbs (61 Nm) at this time.

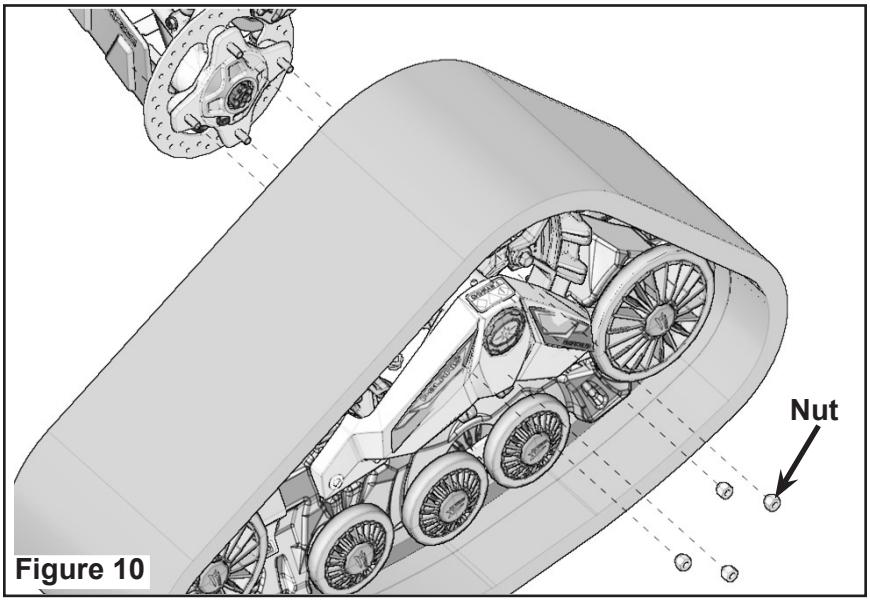

Figure 10

8. Attach the stabilizing rod to the anchor bracket, using the spacer bushings, the 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 ATV to the ground and proceed to install the front track systems.

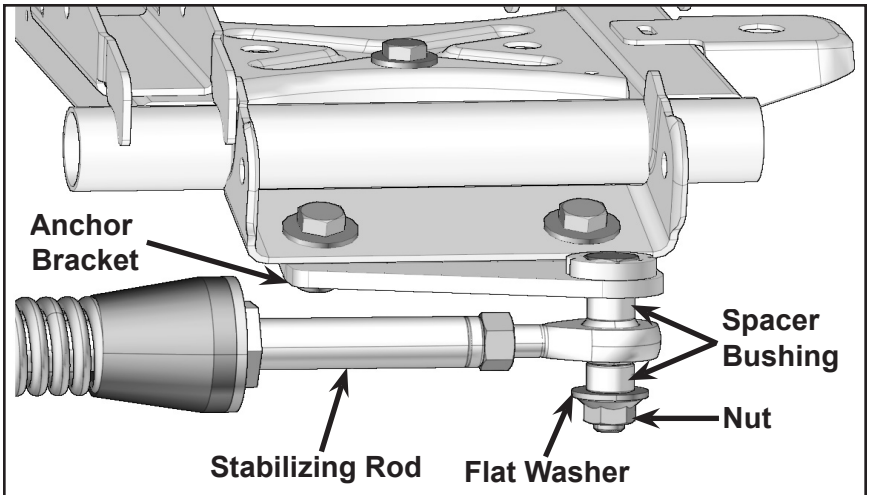

Figure 11

FRONT TRACK SYSTEMS:

1. Using a lifting device, raise the front of the ATV 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.

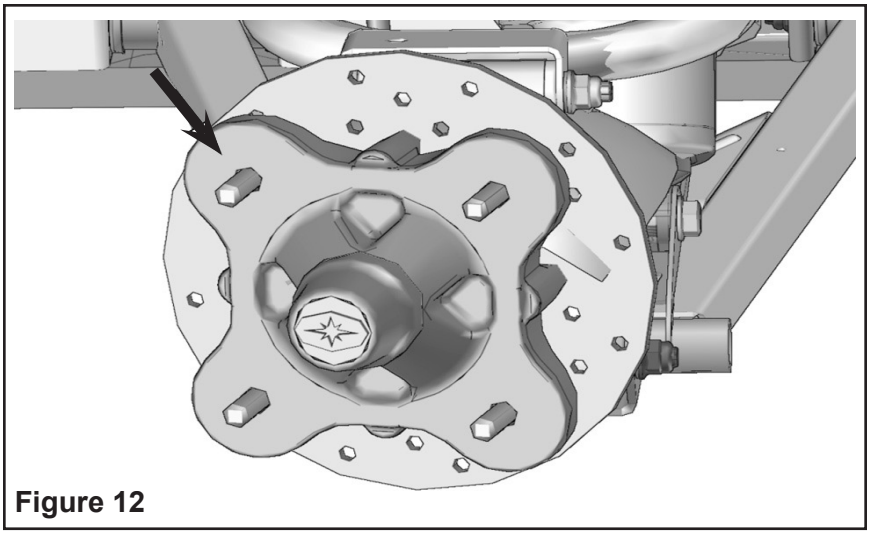
Figure 12

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.

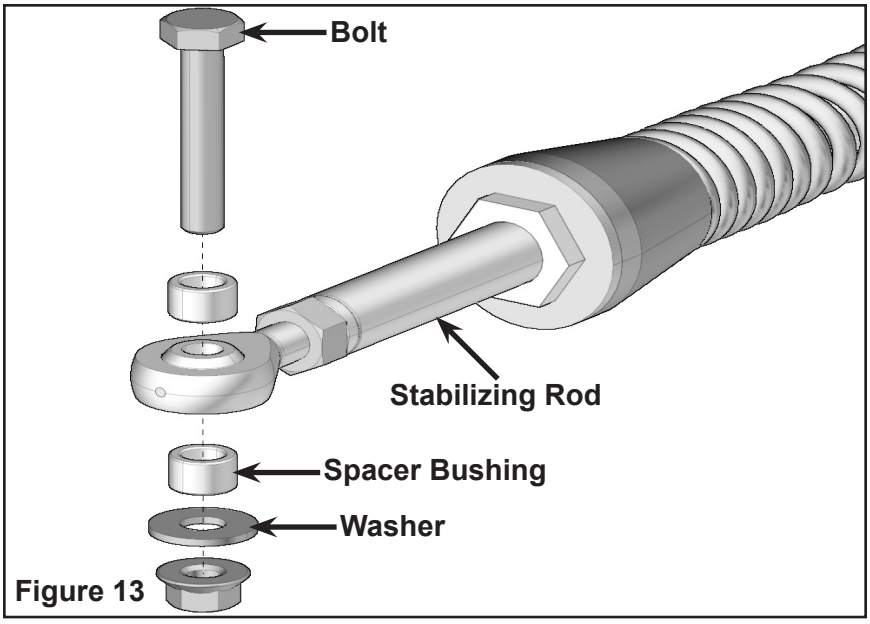

Figure 13

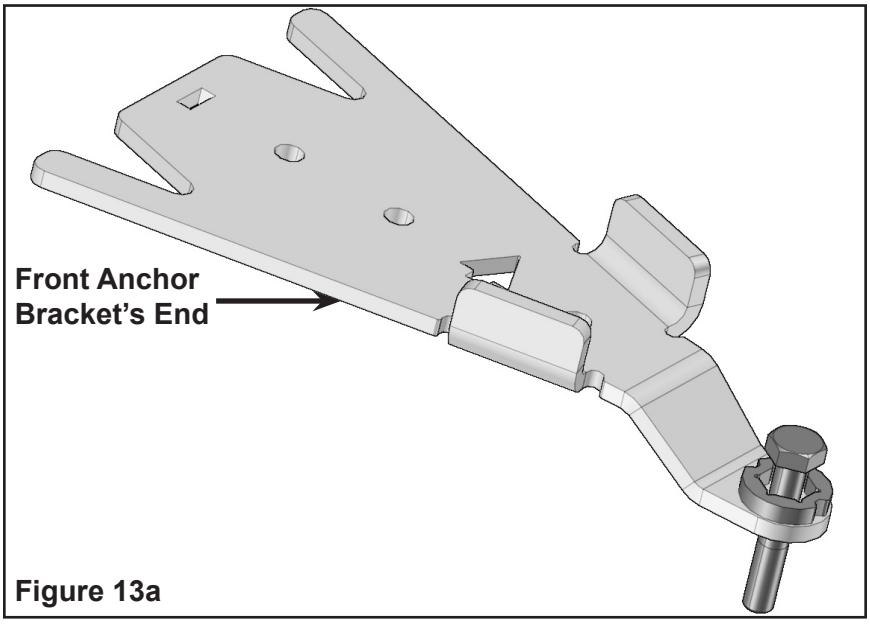

Figure 13a

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 bracket. Insert the M10x50 mm bolts through the bottom and secure the two parts together with the nuts provided. Tighten assembly to 37 ft. lbs. (50 Nm) of torque. Figure 14.

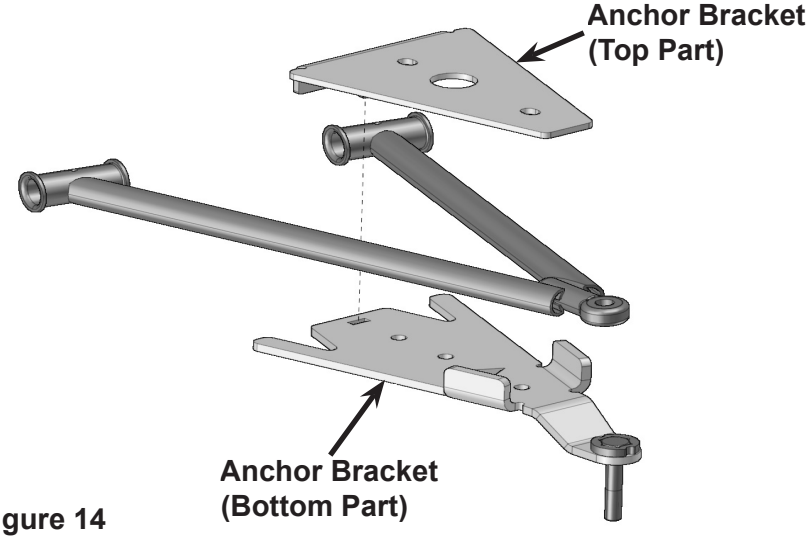

Figure 14

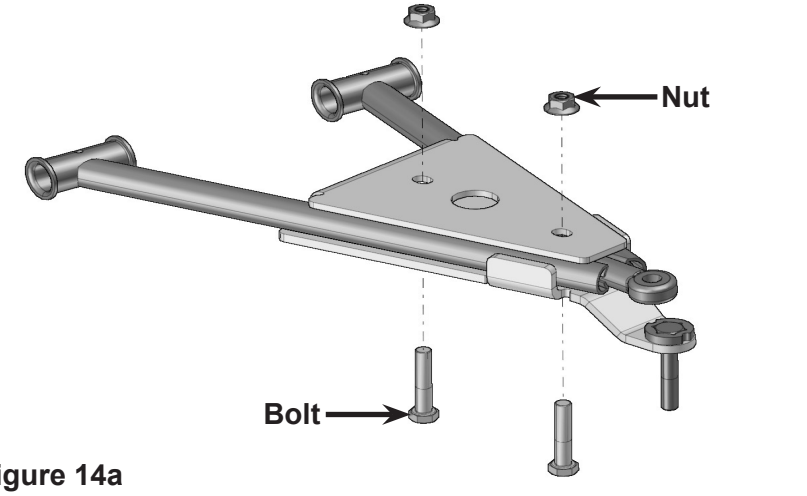

Figure 14a

6. Secure the undercarriage to the front 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 45 ft lbs (61 Nm) at this time.

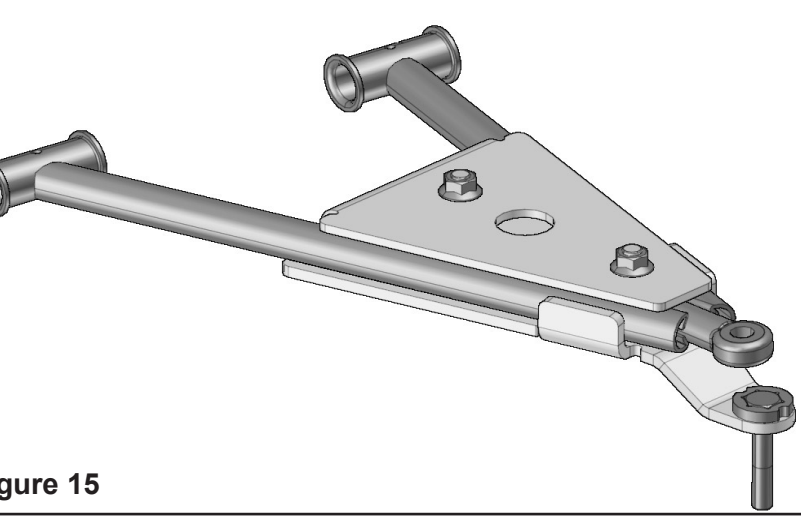

Figure 15

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.

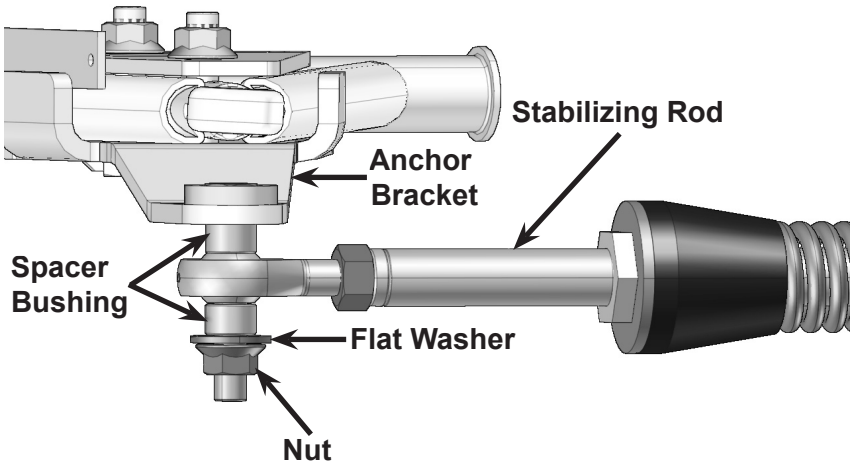

Figure 16

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 ATV 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.