ATV KIT - Apache Backcountry Mounting Kit

Product:	**ATV**
Project no:	**487802768_rev3**
Instruction Sheet P/N:	**487802768**
Revision no:	**3**
Revision date:	**May, 2025**
Item covered:	**Apache Backcountry Mounting Kit**

The following symbols may be used in this document:

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION: Indicates a hazard situation which, if not avoided, could result in minor or moderate injury.

NOTICE **Indicates an instruction which, if not followed, could severely damage vehicle components or other property.**

WARNING

- This kit is designed for specific applicable models only (authorized BRP dealers will confirm model(s)). It is not recommended for units other than the one (those) for which it was sold.
- If the installation of the kit requires a template, ensure template is to scale.
- Should removal of a locking device (e.g. lock tabs, self-locking fasteners, etc.) be required when undergoing disassembly/assembly, always replace with a new one.
- Torque wrench tightening specifications must strictly be adhered to.
- Unless otherwise specified, engine must be OFF when performing any operation on the vehicle.
- Always be aware of parts that can move, such as wheels, transmission components, etc.
- Always wear EYE PROTECTION AND APPROPRIATE GLOVES when using power tools.
- Some components may be HOT. Always wait for engine to cool down before performing work.

WARNING

Some important safety information and/or operating instructions dedicated to the end user might be included in this instruction sheet. Make sure to give the kit part number as well as the instruction sheet included with this kit to the customer. Verify that the customer has access to all the information required for proper use of the accessory.

NOTE: USE TIGHTENING TORQUES IN THE FOLLOWING TABLE IF NOT OTHERWISE SPECIFIED.

	GRADE			
	5.8	8.8	10.9	12.9

M4	1.8 ± 0.2 N•m (16 ± 2 lbf•**in**)	2.8 ± 0.2 N•m (25 ± 2 lbf•**in**)	3.8 ± 0.2 N•m (34 ± 2 lbf•**in**)	4.5 ± 0.5 N•m (40 ± 4 lbf•**in**)
M5	3.3 ± 0.2 N•m (29 ± 2 lbf•**in**)	5 ± 0.5 N•m (44 ± 4 lbf•**in**)	7.8 ± 0.7 N•m (69 ± 6 lbf•**in**)	9 ± 1 N•m (80 ± 9 lbf•**in**)
M6	7.5 ± 1 N•m (66 ± 9 lbf•**in**)	10 ± 2 N•m (89 ± 18 lbf•**in**)	12.8 ± 2.2 N•m (113 ± 19 lbf•**in**)	16 ± 2 N•m (142 ± 18 lbf•**in**)
M8	15.3 ± 1.7 N•m (135 ± 15 lbf•**in**)	24.5 ± 3.5 N•m (18 ± 3 lbf•ft)	31.5 ± 3.5 N•m (23 ± 3 lbf•ft)	40 ± 5 N•m (30 ± 4 lbf•ft)
M10	29 ± 3 N•m (21 ± 2 lbf•ft)	48 ± 6 N•m (35 ± 4 lbf•ft)	61 ± 9 N•m (45 ± 7 lbf•ft)	73 ± 7 N•m (54 ± 5 lbf•ft)
M12	52 ± 6 N•m (38 ± 4 lbf•ft)	85 ± 10 N•m (63 ± 7 lbf•ft)	105 ± 15 N•m (77 ± 11 lbf•ft)	128 ± 17 N•m (94 ± 13 lbf•ft)
M14	85 ± 10 N•m (63 ± 7 lbf•ft)	135 ± 15 N•m (100 ± 11 lbf•ft)	170 ± 20 N•m (125 ± 15 lbf•ft)	200 ± 25 N•m (148 ± 18 lbf•ft)
M16	126 ± 14 N•m (93 ± 10 lbf•ft)	205 ± 25 N•m (151 ± 18 lbf•ft)	255 ± 30 N•m (188 ± 22 lbf•ft)	305 ± 35 N•m (225 ± 26 lbf•ft)
M18	170 ± 20 N•m (125 ± 15 lbf•ft)	273 ± 32 N•m (201 ± 24 lbf•ft)	330 ± 25 N•m (243 ± 18 lbf•ft)	413 ± 47 N•m (305 ± 35 lbf•ft)

NOTE: The illustrations in this document show typical construction of the different assemblies and may not reproduce the full detail or exact shape of the parts; however, they represent parts that have the same or similar function.

First installation time is approximately **2.75** hours.

Changes between seasons is approximately **1.5** hours.

IMPORTANT

Modifying an “on-road use” homologated L-category or T-category vehicle using this accessory may be prohibited in some countries. Penalties may result.

Modifying this “on-road use” vehicle using this accessory will void its compliance with the following EU regulations categories T1, T2, or T3 under the Regulation (EU) No 167/2013 of the European Parliament and of the Council of 5 February 2013 on the approval and market surveillance of agricultural and forestry vehicles, or categories L5 or L7 under the Regulation (EU) No 168/2013 of the European Parliament and of the Council of 15 January 2013 on the approval and market surveillance of two- or three-wheel vehicles and quadricycles.

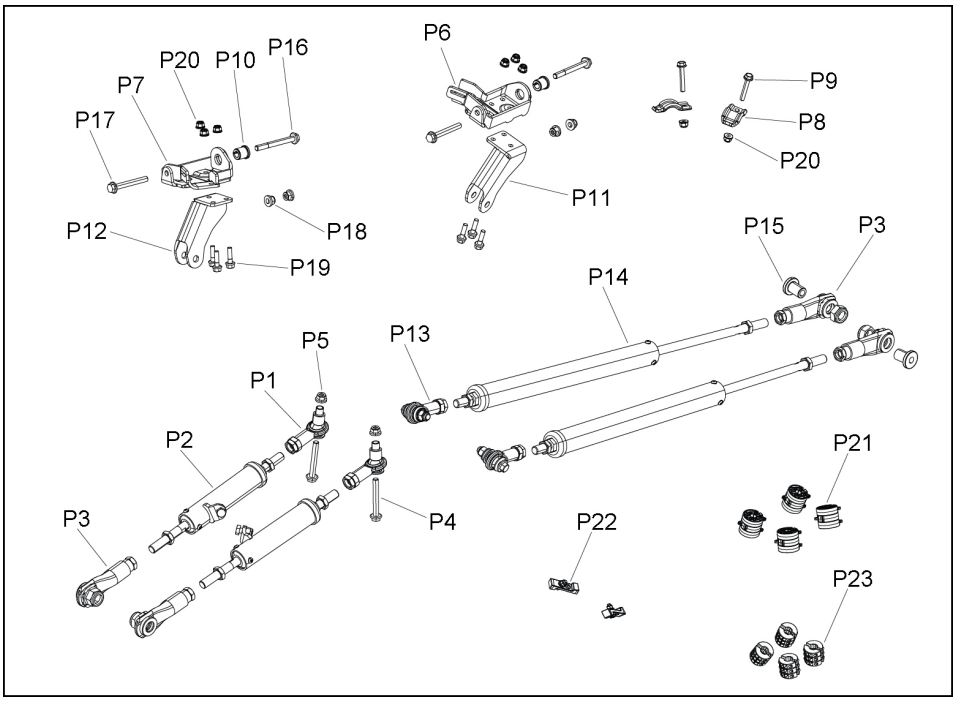
A modified “on-road use” vehicle may not be authorized to circulate on public roads and thus, may only be operated off-road.

Inform the owner in writing of the consequence of modifying the vehicle using this accessory.

ICON LEGEND

ICON	INDICATES
	Parts to be discarded
	Parts kept for reinstallation

PARTS TO BE INSTALLED



ITEM	DESCRIPTION	PART NUMBER	QTY
P1	Front Ball Joint Kit	715007167	2
P2	Front Backcountry Spring Kit	715004346	2
P3	Anti-Rotation Arm Kit	715004345	4
P4	M10 X 75 Flanged Hexagonal Screw	250001038	2
P5	M10 Flanged Hexagonal Elastic Nut	250100165	2
P6	Rear Apache Track Support LH	See Service Kit 715009889	1
P7	Rear Apache Track Support RH	See Service Kit 715009889	1

P8	Rear Mounting Clamp	See Service Kit 715009889	2
P9	M8 X 50 Hexagonal Flanged Screw	See Service Kit 715009889	2
P10	Split Bushing -B-	See Service Kit 715009889	2
P11	Track Attachment BC Rear LH	705209249	1
P12	Track Attachment BC Rear RH	705209250	1
P13	Rear Ball Joint Kit	715005475	2
P14	Spring Stopper Kit	715006383	2
P15	Sleeve Connector	705208736	2
P16	M10 X 90 Hexagonal Flanged Screw	207609046	2
P17	M10 X 80 Hexagonal Flanged Screw	207608046	2
P18	M10 Hexagonal Flanged Elastic Nut	233201436	4
P19	M8 X 30 Hexagonal Flanged Screw	207683054	6
P20	M8 Flanged Elastic Nut	See Service Kit 715009889	8
P21	Suspension Limiters Kit	715007697	1
P22	Steering Limiters Kit	715006285	1
P23	Aluminum Suspension Limiter Kit	715009443	1

SERVICE KITS

Rear Support 360 Kit (P/N 715009889)

ITEM	DESCRIPTION	PART NUMBER	QTY
S1	LH Rear Apache Track Support	Not Available Separately	1
S2	RH Rear Apache Track Support	Not Available Separately	1
S3	Rear Mounting Clamp	Not Available Separately	2
S4	M8 X 50 Hex. Flanged Screw	207685044	2
S5	Rear LH BC Track Bracket Rear RH BC Track Bracket	Not Available Separately	2
S6	Split Bushing -B-	Not Available Separately	2
S7	M10 X 90 Hex. Flanged Screw	207609046	2
S8	M10 X 80 Hex. Flanged Screw	207608046	2
S9	M10 Hex. Elastic Flanged Nut	233201436	4
S10	M8 X 30 Hex. Flanged Screw	207683054	6
S11	M8 Hex. Elastic Flanged Nut	250000470	8

Suspension Limiter (P/N 715009443)

ITEM	DESCRIPTION	PART NUMBER	QTY
S12	Suspension limiter	706005588	24
S13	M5 x 20 Socket Screw	229000696	24

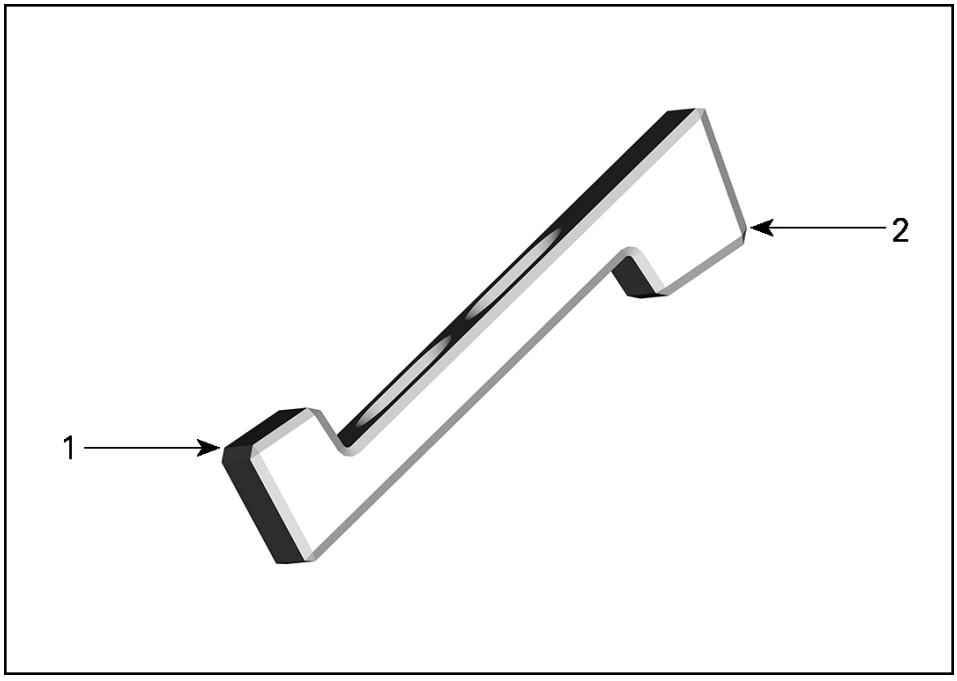
STEERING LIMITERS INSTALLATION

1. Identify the model of tracks you are installing.

Apache 360 tracks require the steering limiter at the least limiting position (Identified by the number 1 on the picture below).

Apache 360 LT & Apache Backcountry tracks require the steering limiter at the most limiting position (Identified by the number 2 on the picture below)

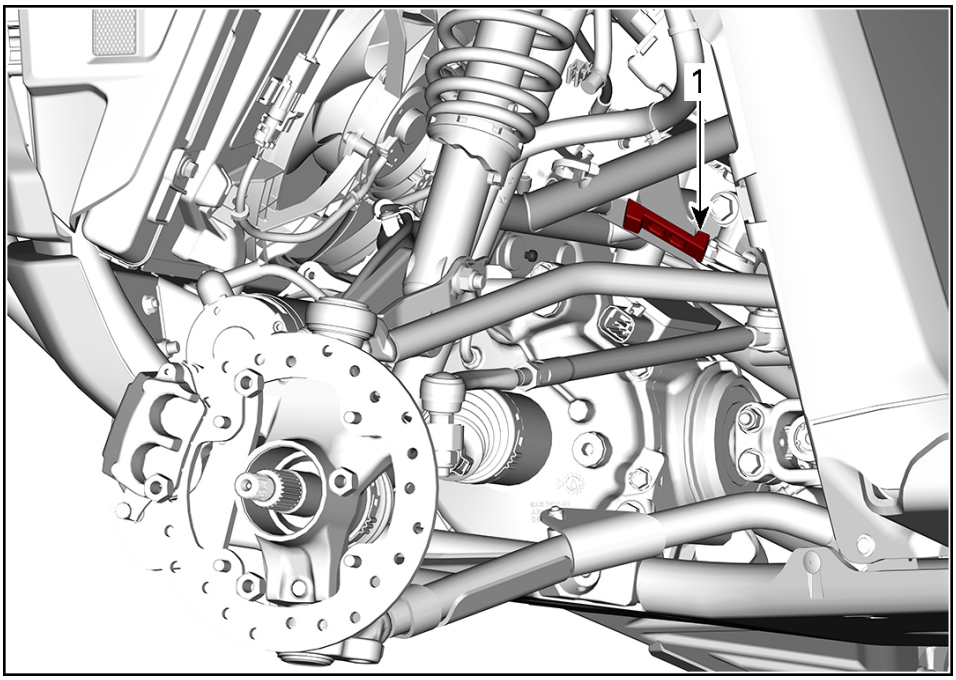
Body damage, track rubbing, and parts failure could occur if not in place. Steering limiters must always be installed when tracks are installed.



1. *Thinner side (Apache 360)*
2. *Thicker side (Apache 360 LT & Apache Backcountry)*

2. Make sure the steering is at the middle position (wheels pointing straight)

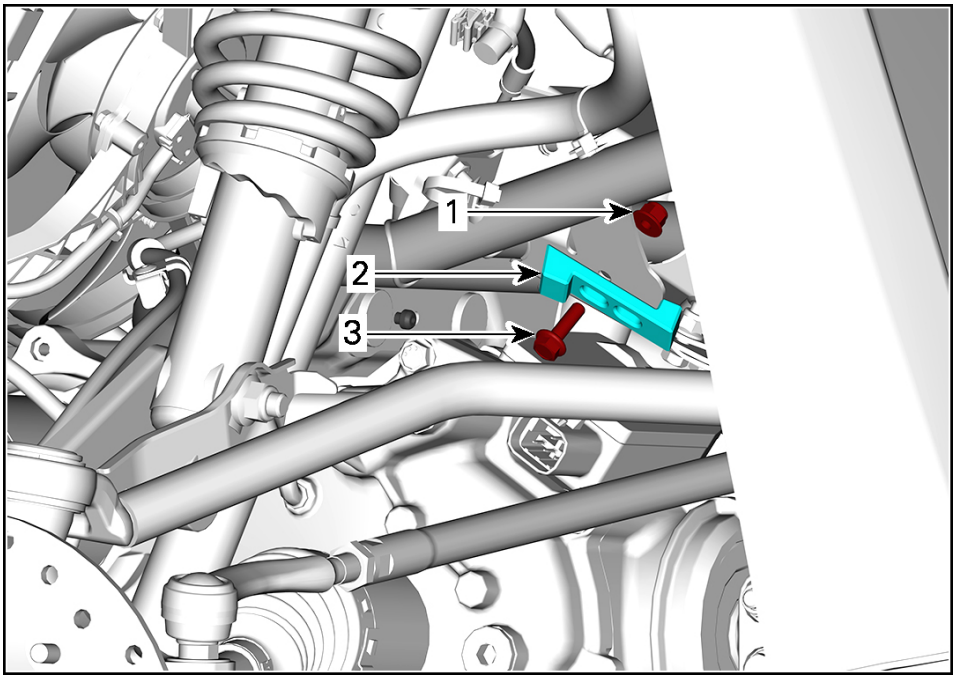
3. Install both limiters at the required position. Reverse the limiter to switch from 360 position to 360 LT & BC position.



1. *Thicker position for 360 LT & Backcountry. Thinner position for 360 tracks.*

4. Install the steering limiter kit using its included M6 X 20 hexagonal flanged screws and M6 hexagonal flanged elastic nuts on both sides of the vehicle.

NOTE: Make sure the steering limiter is installed at the lowest position and test the steering limitation. The steering pitman arm must rest on the limiter at full angle and therefore limit the angle of the tracks.



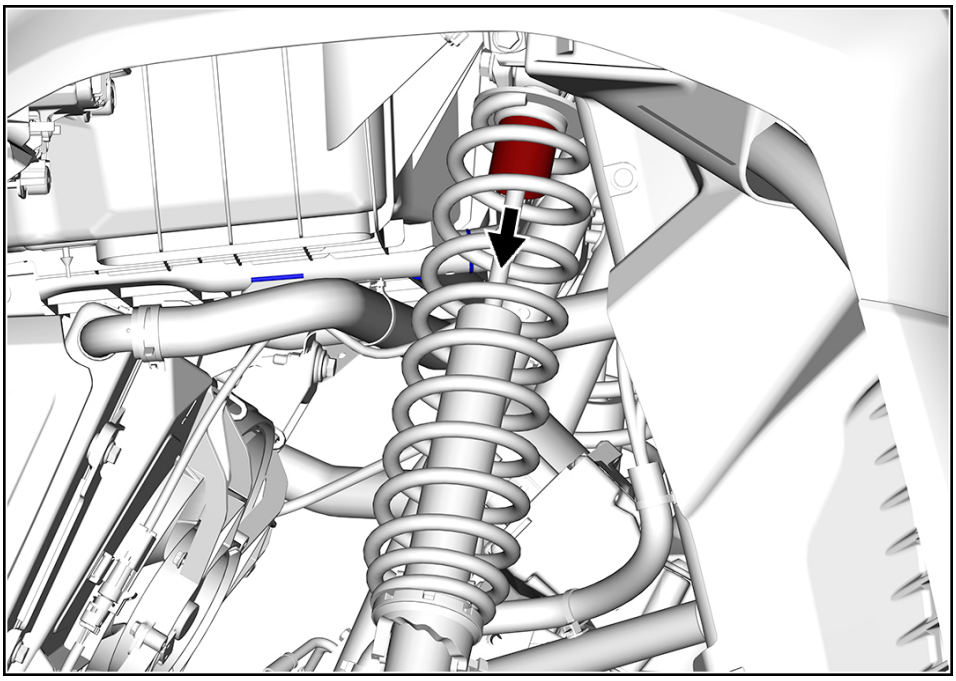
1. *M6 hexagonal flanged elastic nut [P22]*
2. *Steering limiters kit [P22]*
3. *M6 X 20 hexagonal flanged screw [P22]*

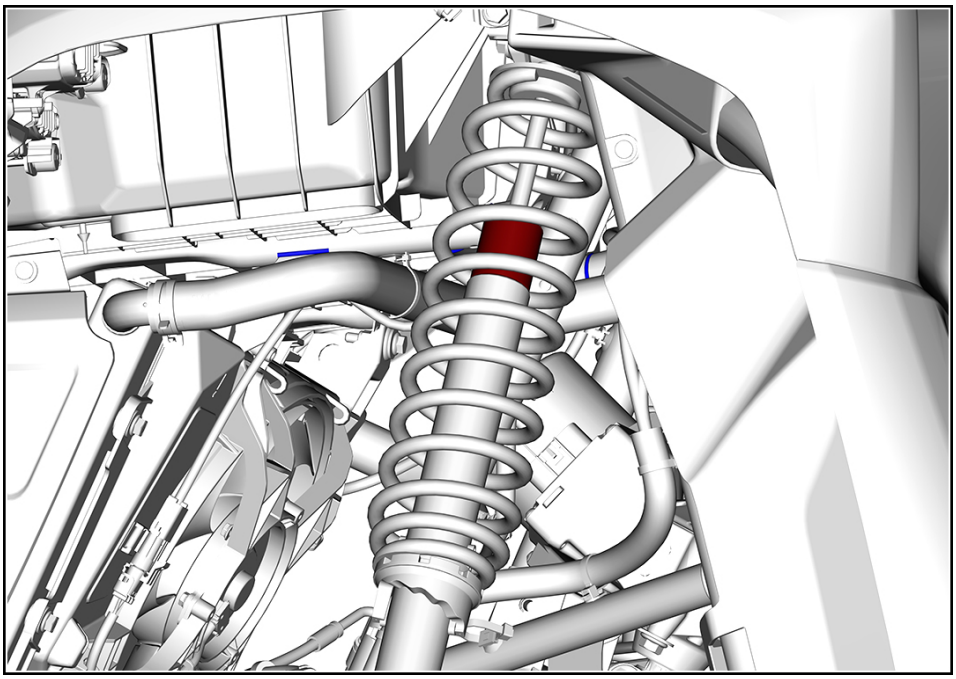
TIGHTENING TORQUE	
M6 hexagonal flanged elastic nut [P25]	10 ± 2 N•m (89 ± 18 lbf•**in**)

SUSPENSION LIMITERS INSTALLATION

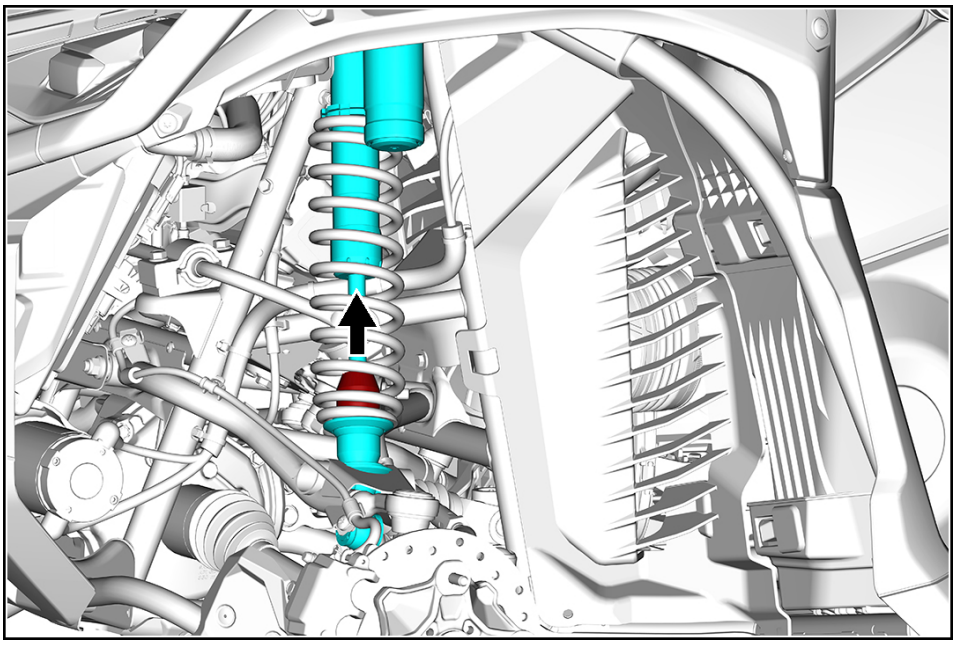
Base, DPS, and XT Models

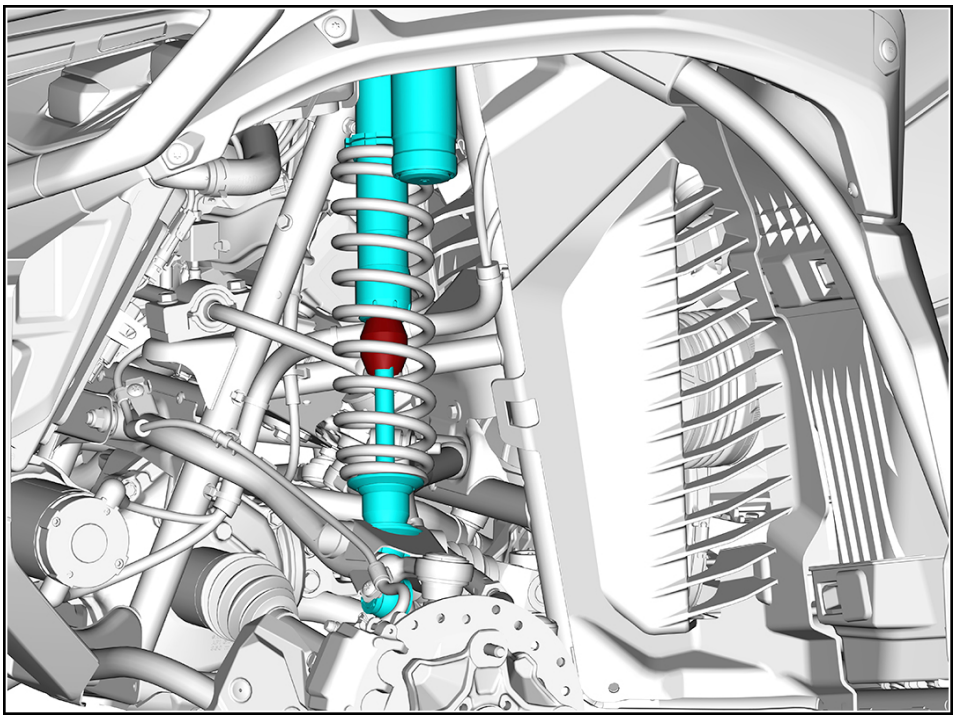
1. Locate and move the shock absorber rubber stop down.





X mr, Limited, and XT-P Models

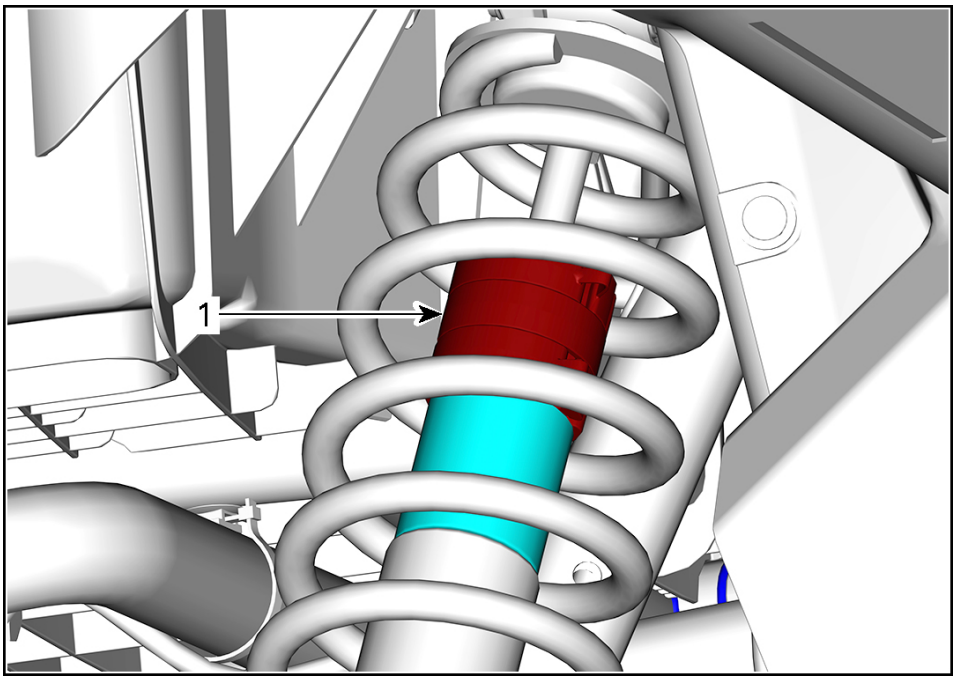




All Models

2. Install two (2) limiter assemblies as close as possible to the shock end, on each shock absorber (front and rear) (8 out of the 12 limiters provided). Index each limiter to make sure the spacing between them is equally oriented.

NOTE: Slight rubbing of the track on the frame and body part is normal. If you are using the track kit in harsh conditions or if the ATV is always loaded, please install 3 limiters per shock absorber. The limitation will be increased and there will be less rubbing.



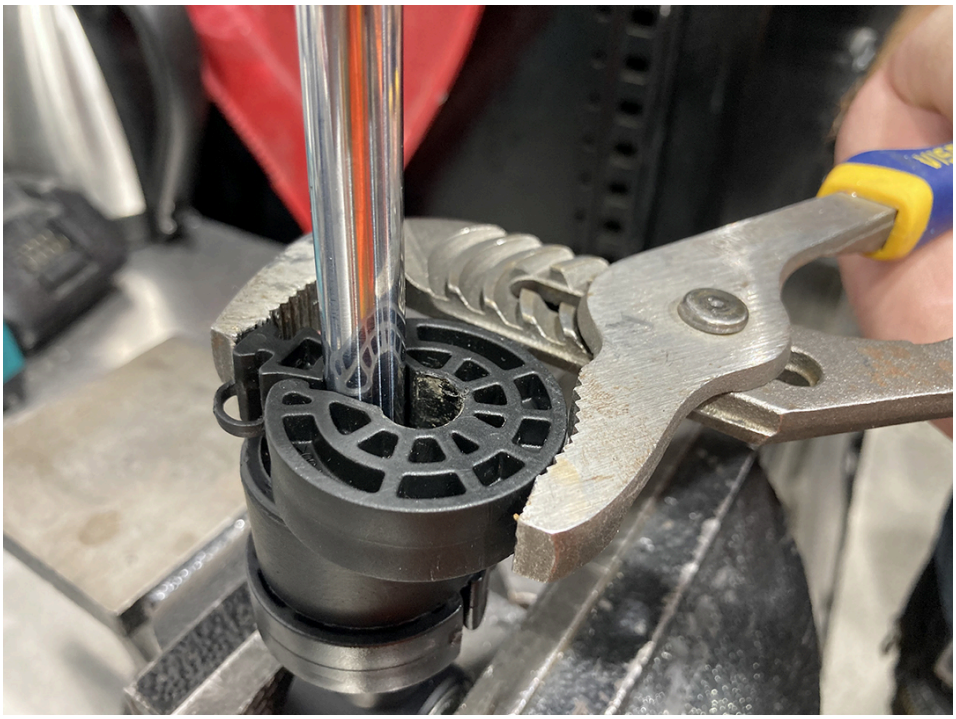
1. *Suspension limiters kit [P22]*

NOTE: For installation on Outlander 500/700/HD5/HD7, both limiters can be used. Plastic or aluminum. On Outlander 850/1000 MY25, only aluminum limiter can be used.

NOTE: Use a pair of pliers to install the limiters.

NOTE: For more clarity, the spring was removed in the pictures.

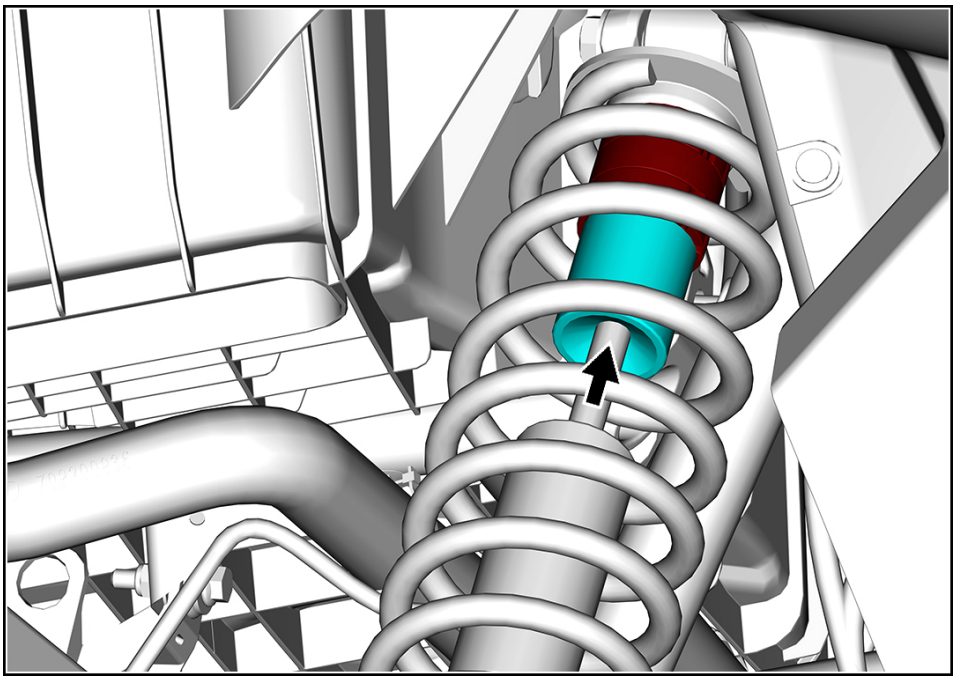
Step A:



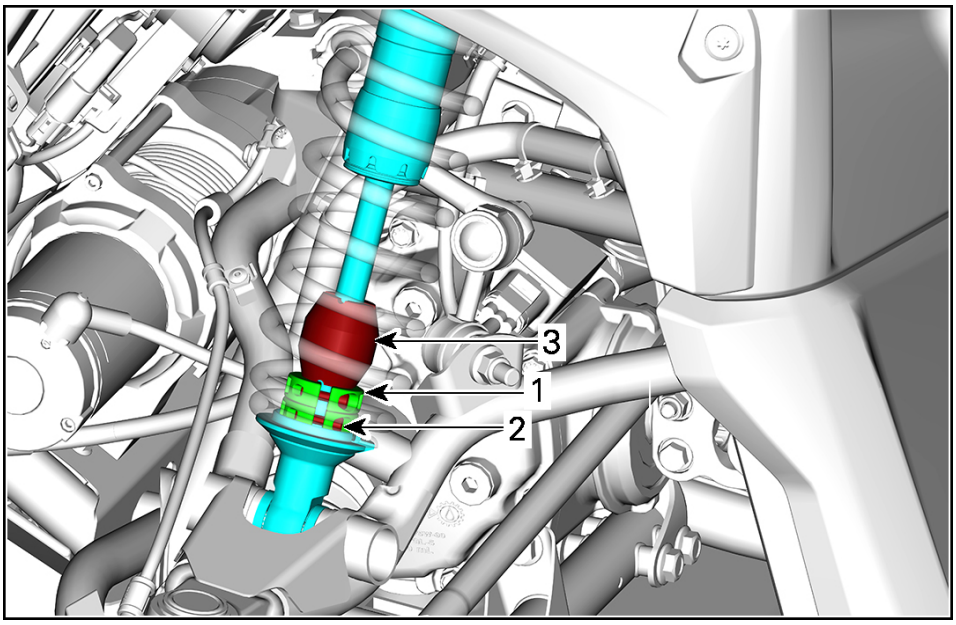
Step B:



3. Move the limiters and the bump stop at the highest position.



Aluminum Type Limiter Installation on All Outlander 2025 and Up

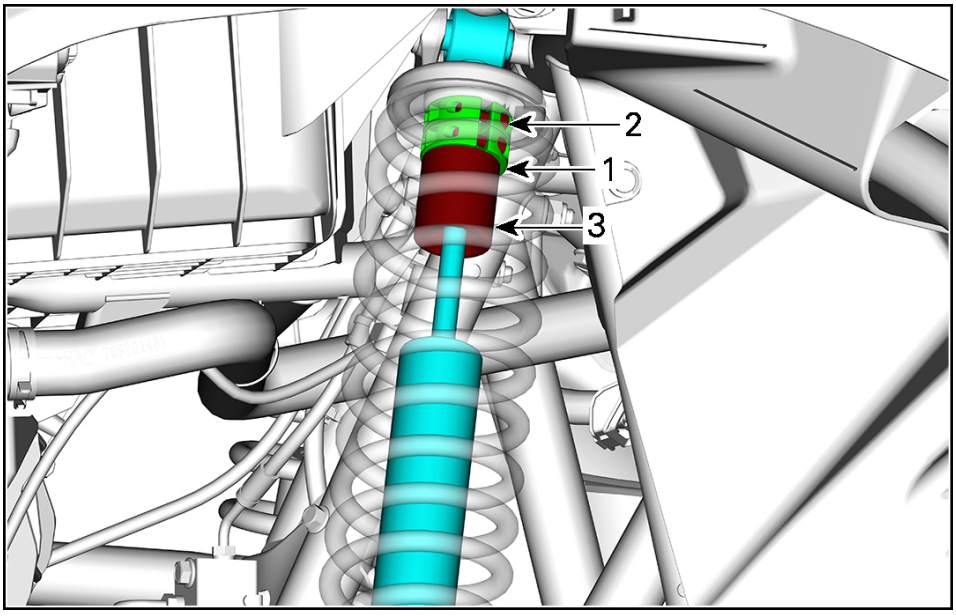


TYPICAL INSTALLATION ON BASE, DPS AND XT MODELS

1. Suspension Limiter (2 halves per assembly) [P23]

2. M5 x 20 Socket Screw [P23]

3. Shock Absorber Rubber



TYPICAL INSTALLATION ON X MR, LIMITED AND XT-P MODELS

1. Suspension Limiter (2 halves per assembly) [P23]

2. M5 x 20 Socket Screw [P23]

3. Shock Absorber Rubber

TIGHTENING TORQUE	
M5 x 20 Screws [P23]	5 ± 0.5 N•m (44 ± 4 lbf•**in**)

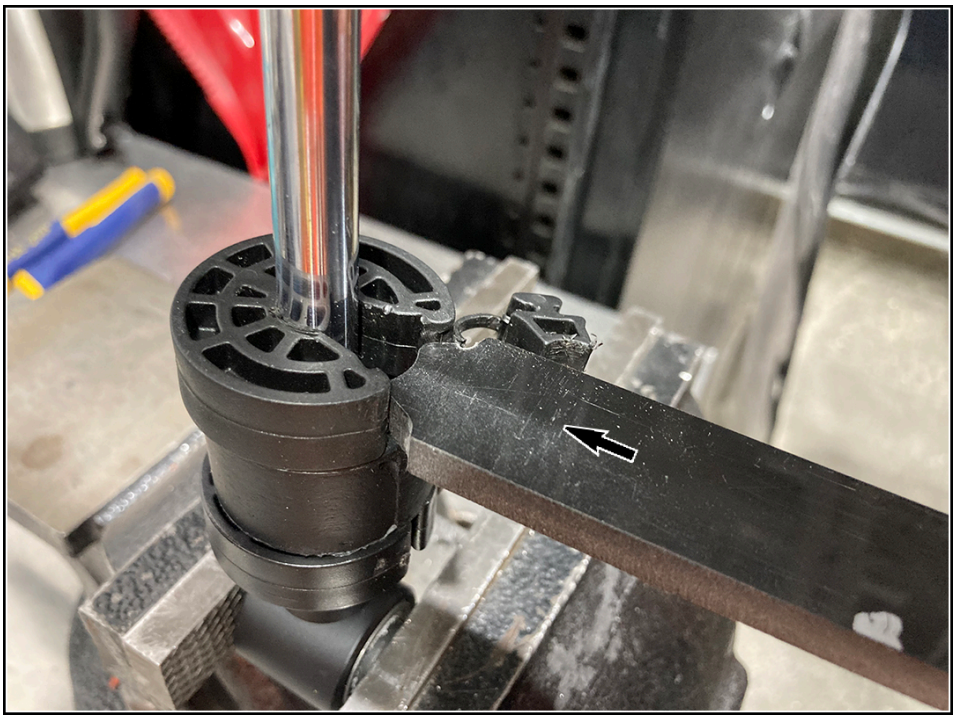
NOTE: Steps for suspension limiters removal.

For Models with Plastic Limiters

Step A: Using a flat screwdriver, pull the tab out.

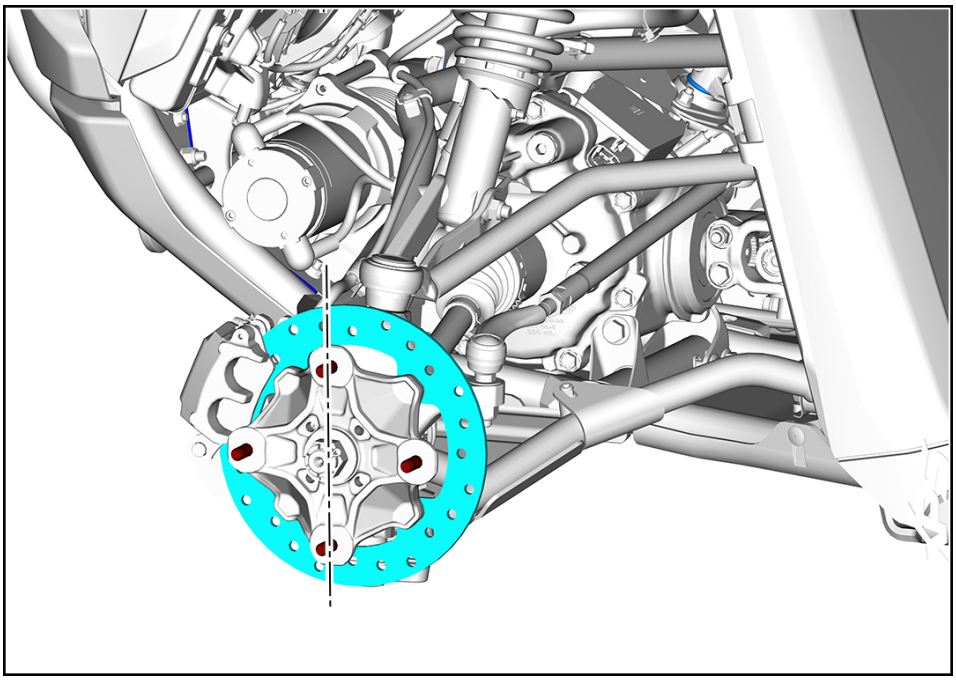


Step B: Using the provided tool, apply pressure on the limiter, then gently hit the removing tool.



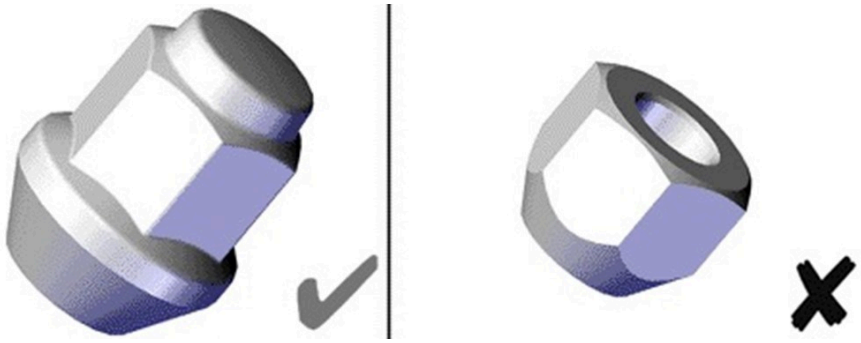
FRONT TRACK INSTALLATION

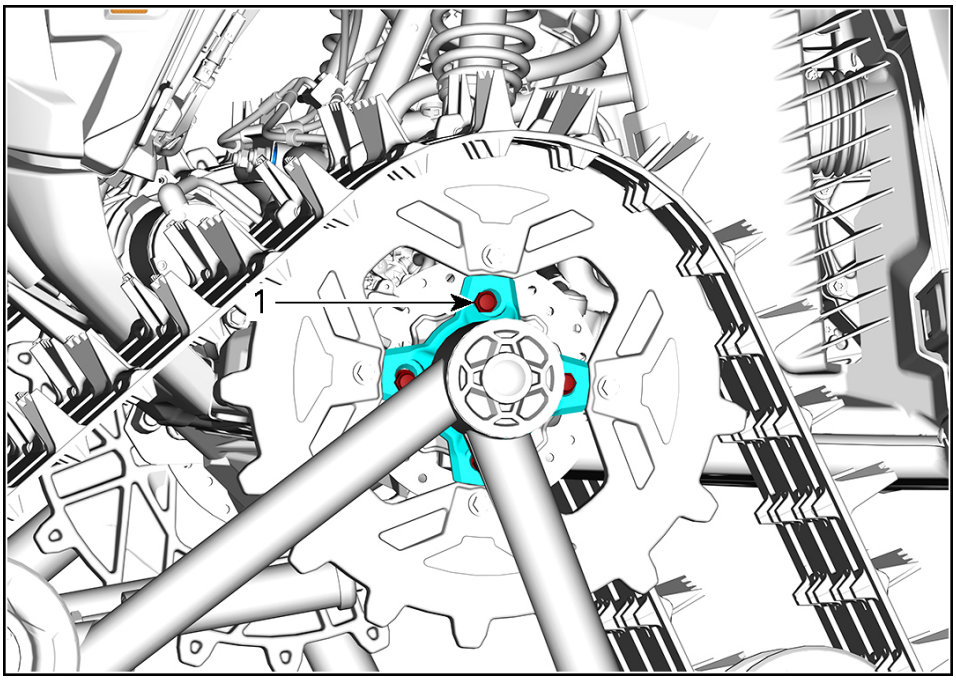
1. Align the wheel studs vertically for an easier installation.



2. Position the front LH track onto the left side of the vehicle. Tighten to specification.

NOTE: Closed end M10 wheel lug nuts (P/N 250100184) are needed for use with tracks. They come stock on vehicles equipped with alloy wheels. Do not use open-ended wheel nuts for steel wheels.





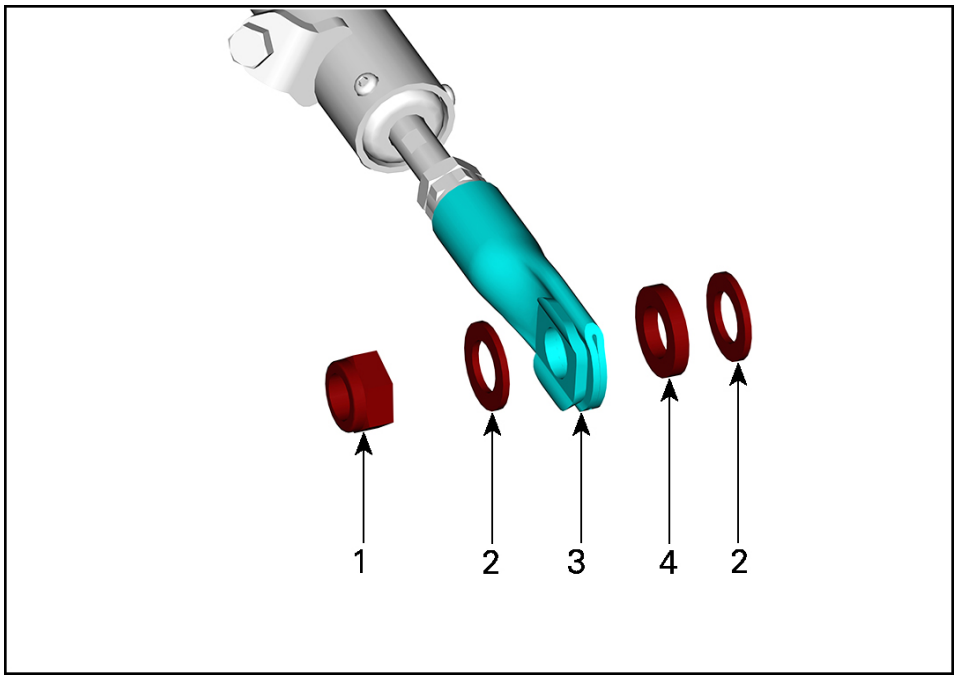
1. *Wheel lug nuts*

TIGHTENING TORQUE	
Wheel lug nuts	90 ± 10 N•m (66 ± 7 lbf•ft)

- **WARNING**

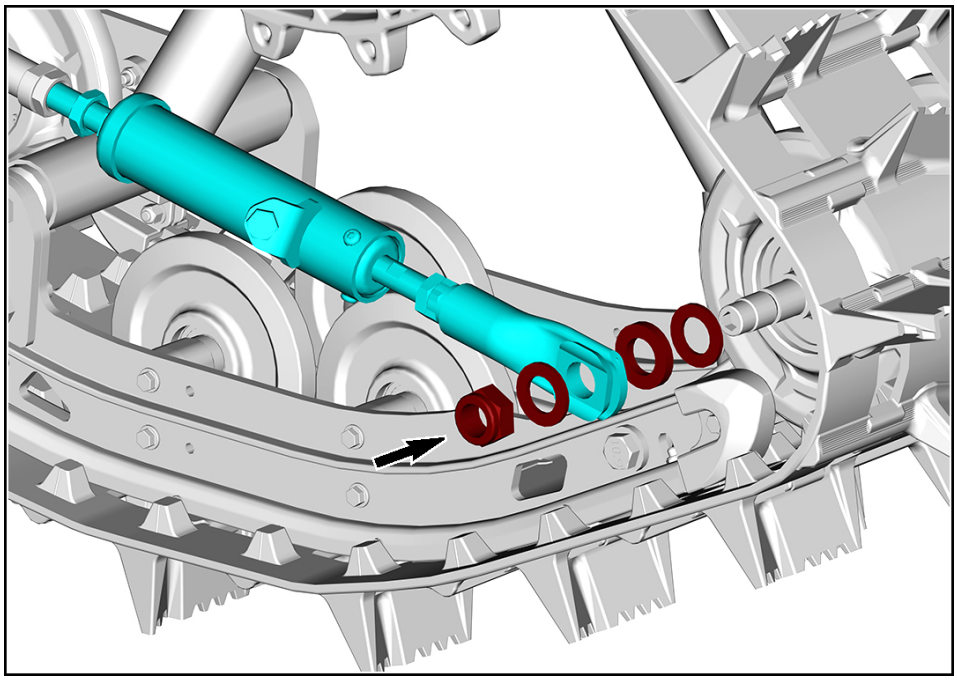
Ensure that all hexagonal nuts are properly tightened, failure to do so can increase the risk of losing parts, causing a loss of control.

3. Locate the following parts of the front anti-rotation assembly.



1. *M20 Hexagonal elastic nut*
2. *M20 flat washer*
3. *Anti-rotation anchor tube*
4. *38 mm rubber washer*

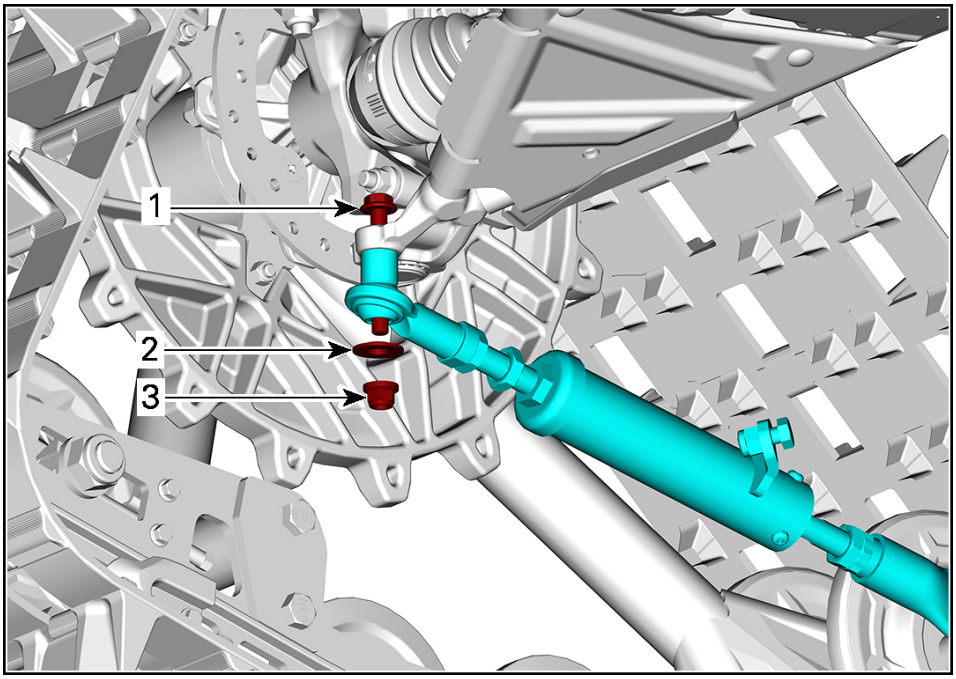
4. Insert anti-rotation assembly on the LH track as shown below. Tighten to specification.



TIGHTENING TORQUE	
M20 hexagonal elastic nut	102 ± 15 N•m (75 ± 11 lbf•ft)

5. Attach the anti-rotation arm to the vehicle's A-Arm. (Sleeve first, then bolt with special washer, then nut) Tighten this bolt to specification right away. Use the M10 X 75 flanged hexagonal screw [P4] and the M10 flanged hexagonal elastic nut [P5].

NOTE: DO NOT FORGET TO TIGHTEN ALL ANTI-ROTATION NUTS after the final track adjustments explained at the end of this instruction sheet.



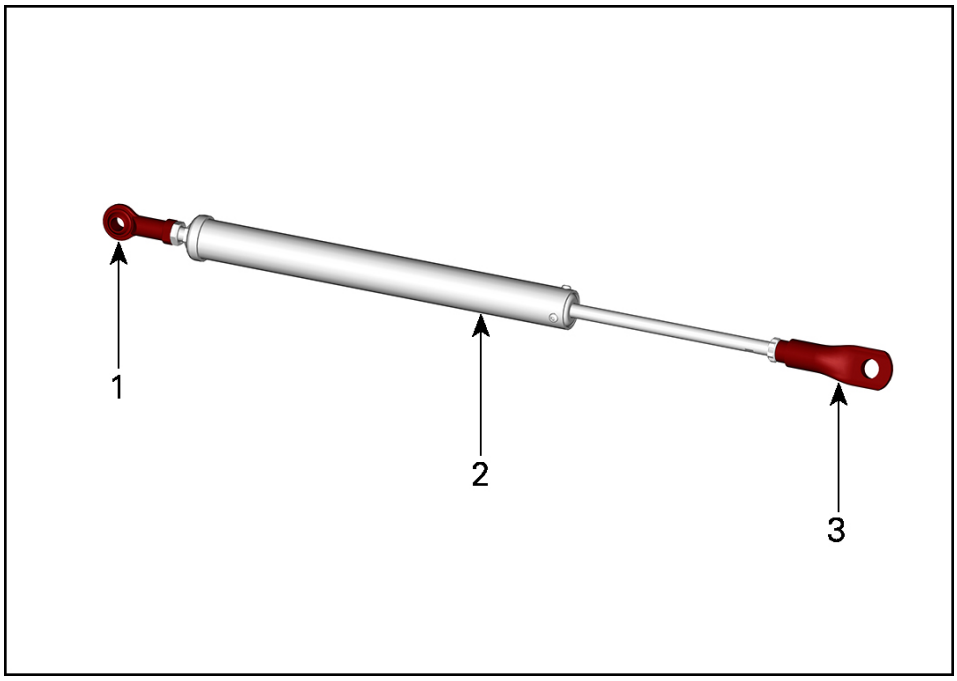
1. *M10 X 75 flanged hexagonal screw [P4]*
2. *Special washer*
3. *M10 flanged elastic nut [P5]*

TIGHTENING TORQUE	
M10 hexagonal flanged elastic nut	65 ± 5 N•m (47.9 ± 3.7 lbf•ft)

6. Repeat the **Front Track Installation** for the other side of the vehicle.

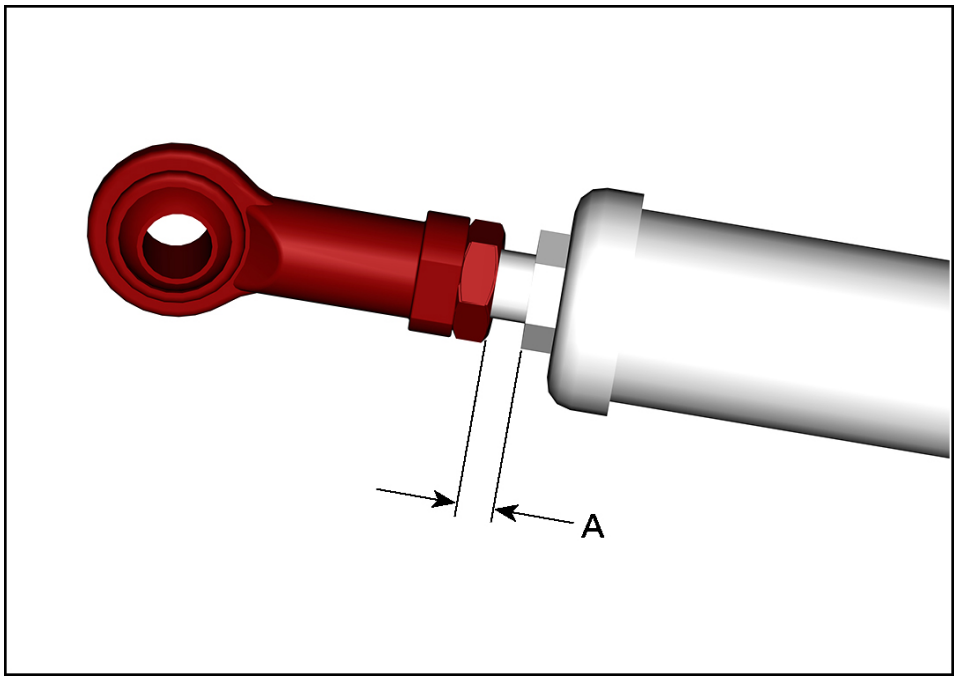
REAR TRACK INSTALLATION

1. Preassemble both ends of the rear anti-rotation arm. Use the rear ball joint kit [P13] on the shorter side of the spring stopper kit [P14], and the anti-rotation arm kit [P3] on the longer side.



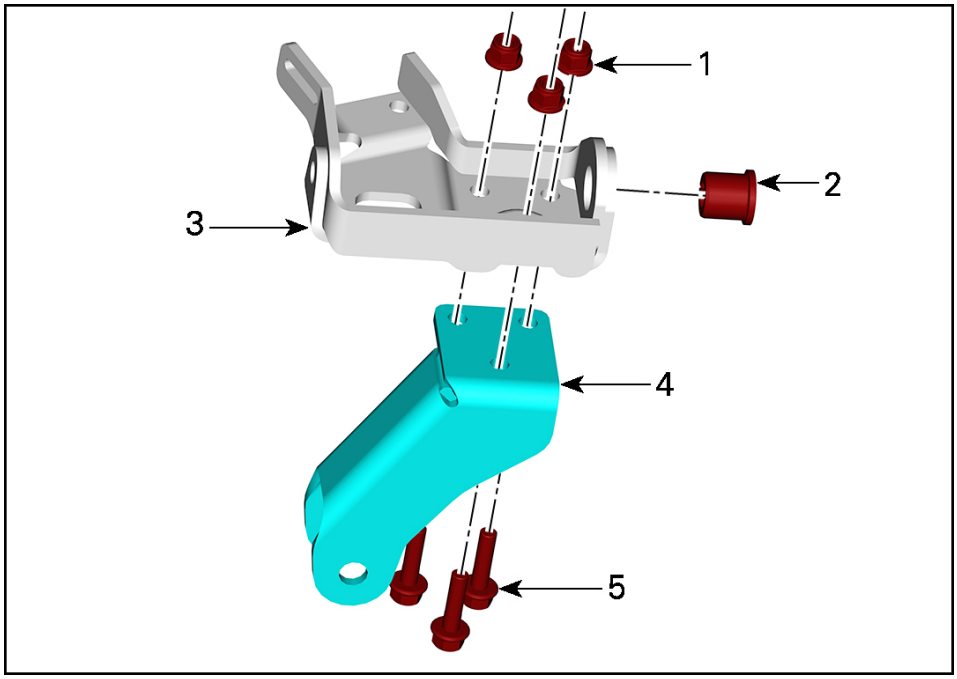
1. *Rear ball joint kit [P13]*
2. *Spring stopper kit [P14]*
3. *Anti-rotation arm kit [P3]*

NOTE: Leave a distance of 8 mm between the two front nuts.



1. *8 mm*

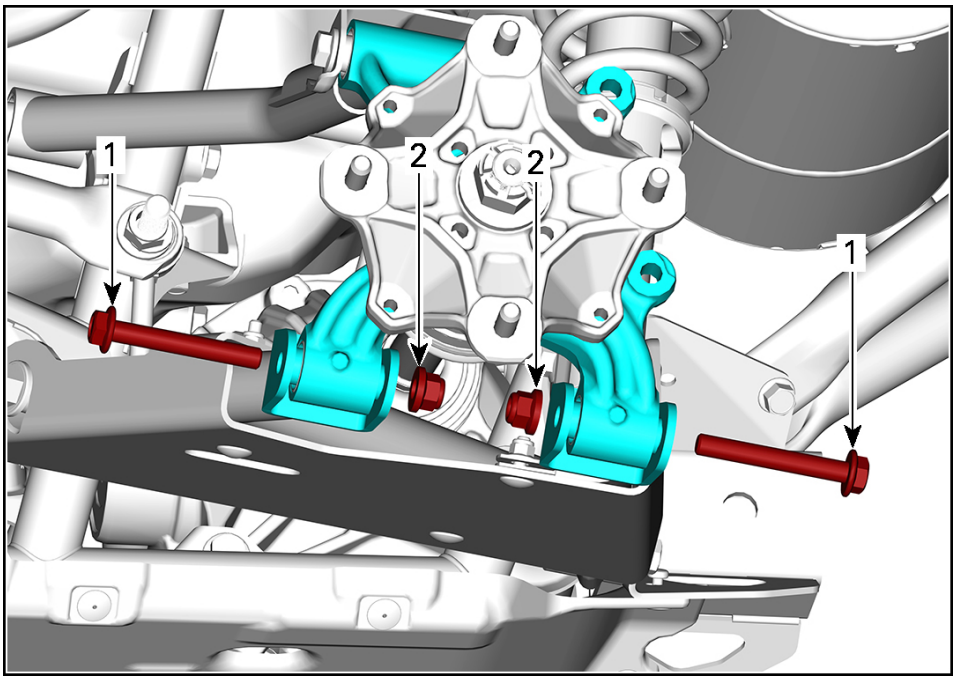
2. Preassemble the track mount support using the M8 hexagonal flanged elastic nuts [P20], the split bushing [P10], the rear track support [P6], the rear track bracket [P11], and the M8 X 30 hexagonal flanged screws [P19].



1. *M8 flanged elastic nuts [P20]*
2. *Split bushing [P10]*
3. *Rear Track support [P7]*
4. *Rear track bracket [P12]*
5. *M8 X 30 hexagonal flanged screws [P19]*

TIGHTENING TORQUE	
M8 hexagonal flanged elastic nut [P21]	24.5 ± 3.5 N•m (18 ± 3 lbf•ft)

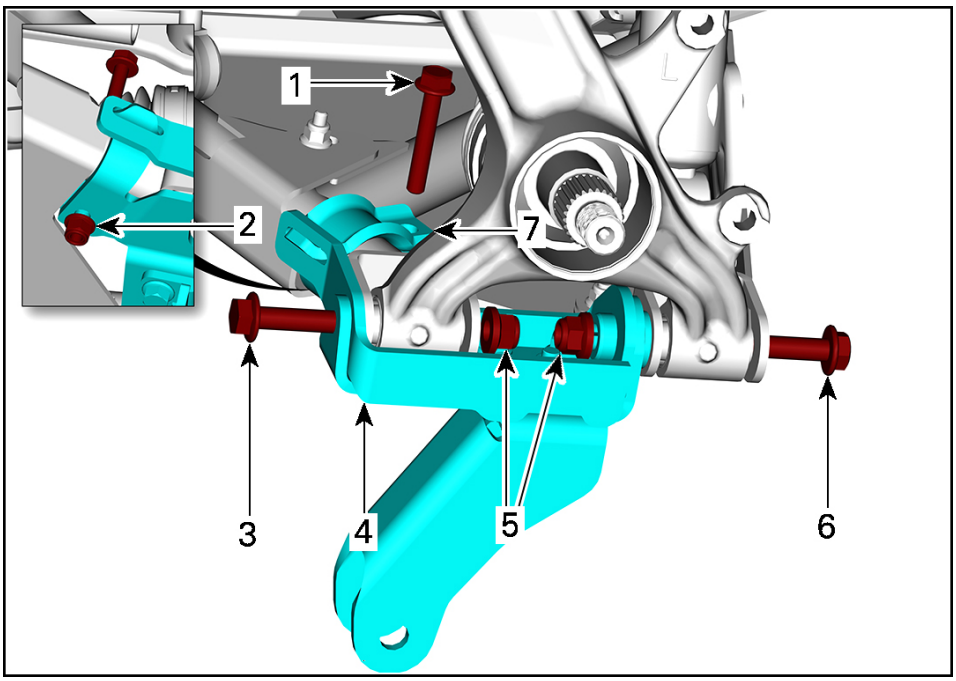
3. Discard the two (2) bolts and nuts from the rear wheel knuckle.



1. *Rear wheel knuckle bolts*

2. *Rear wheel knuckle nuts*

4. Install the previously assembled track support on the wheel knuckle using an M10 X 80 hexagonal flanged screws [P17], an M10 X 90 hexagonal flanged screw [P16], two (2) M10 hexagonal flanged elastic nuts [P18], an M8 X 50 hexagonal flanged screw [P9], and an M8 flanged elastic nut [P20]. Use the M8 screw and nut to fasten one of the rear mounting clamps [P8].



1. *M8 X 50 hexagonal flanged screws [P9]*

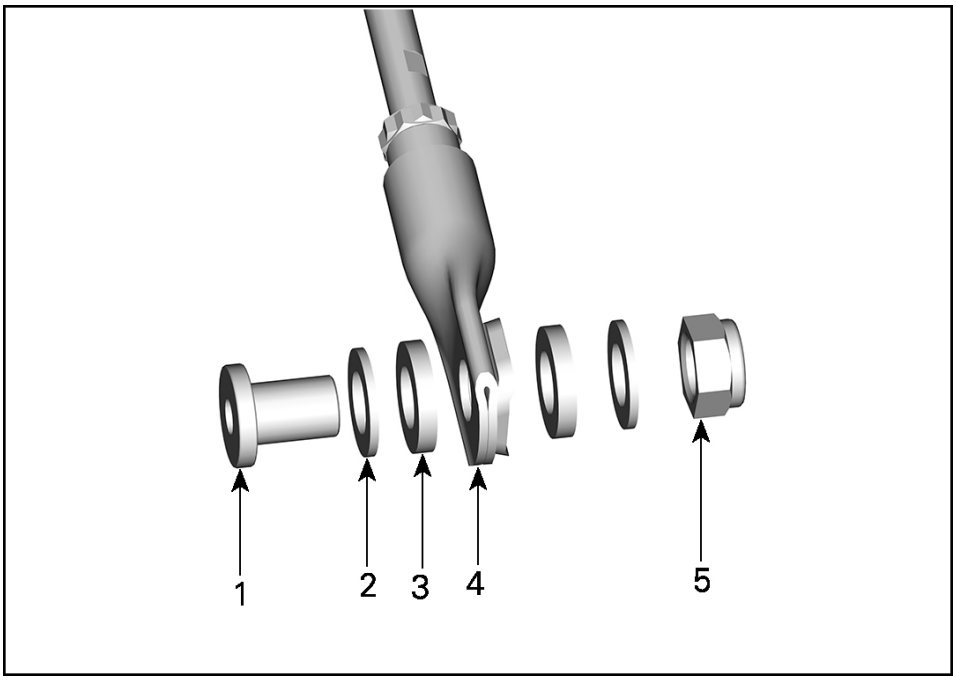
2. *M8 flanged elastic nut [P20]*

3. *M10 X 80 hexagonal flanged screw [P17]*
4. *Preassembled track support*
5. *M10 flanged elastic nut [P18]*
6. *M10 X 90 hexagonal flanged screw [P16]*
7. *Rear mounting clamp [P8]*

TIGHTENING TORQUE	
M10 hexagonal flanged elastic nut	75 ± 5 N•m (55.3 ± 3.7 lbf•ft)

TIGHTENING TORQUE	
M8 hexagonal flanged elastic nut	24.5 ± 3.5 N•m (18 ± 3.5 lbf•ft)

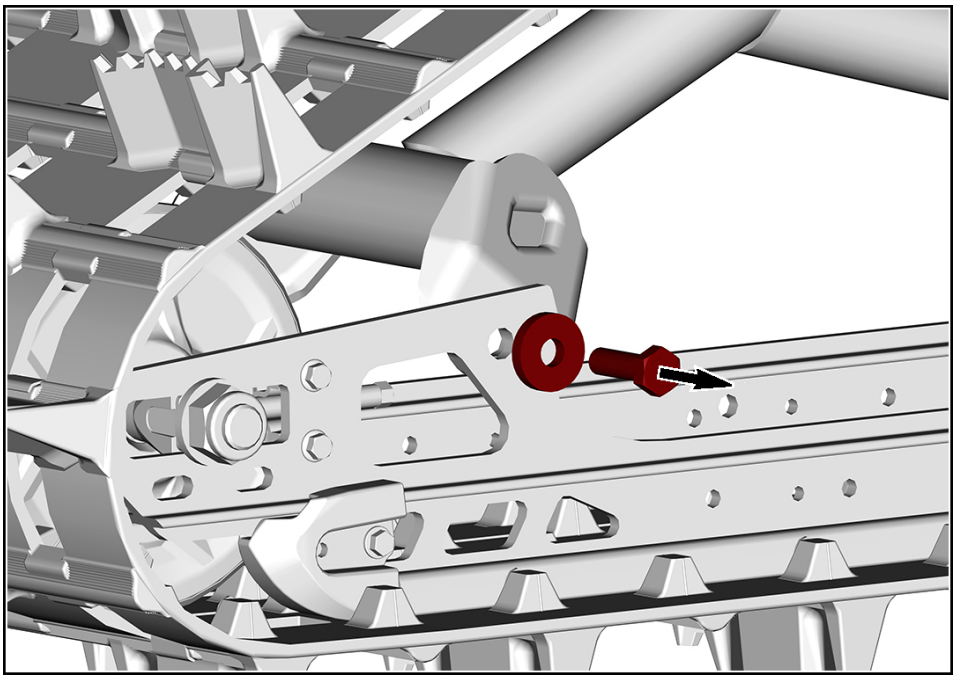
5. Locate the following pieces included in the anti-rotation arm kit [P3] for quick assembly.

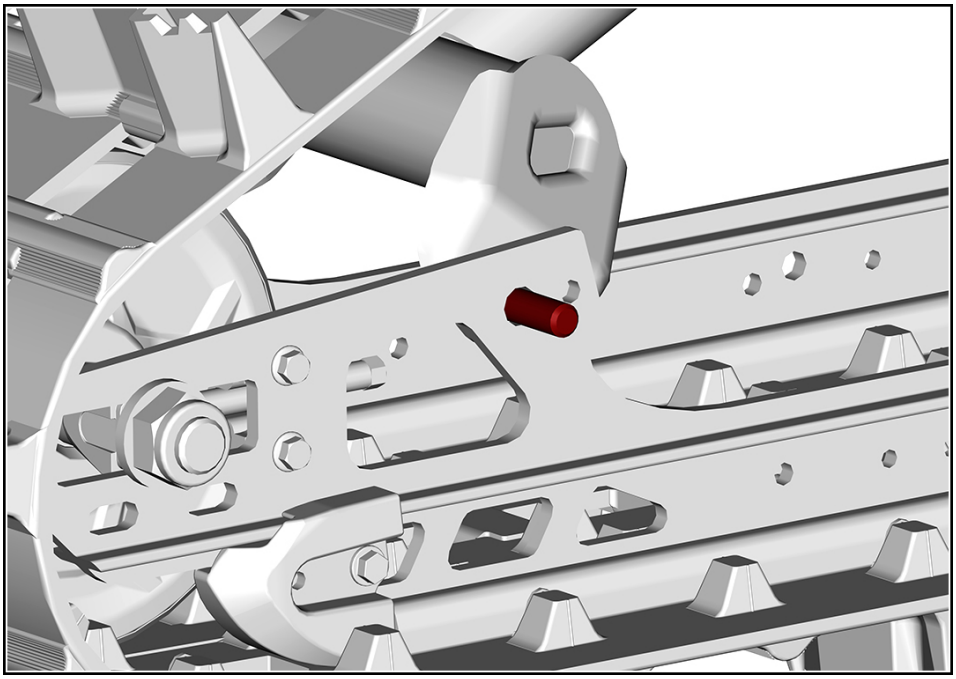


1. *Rear anti-rotation retaining sleeve*
2. *M20 flat washer*
3. *38 mm rubber washer*
4. *Rear anti-rotation arm*

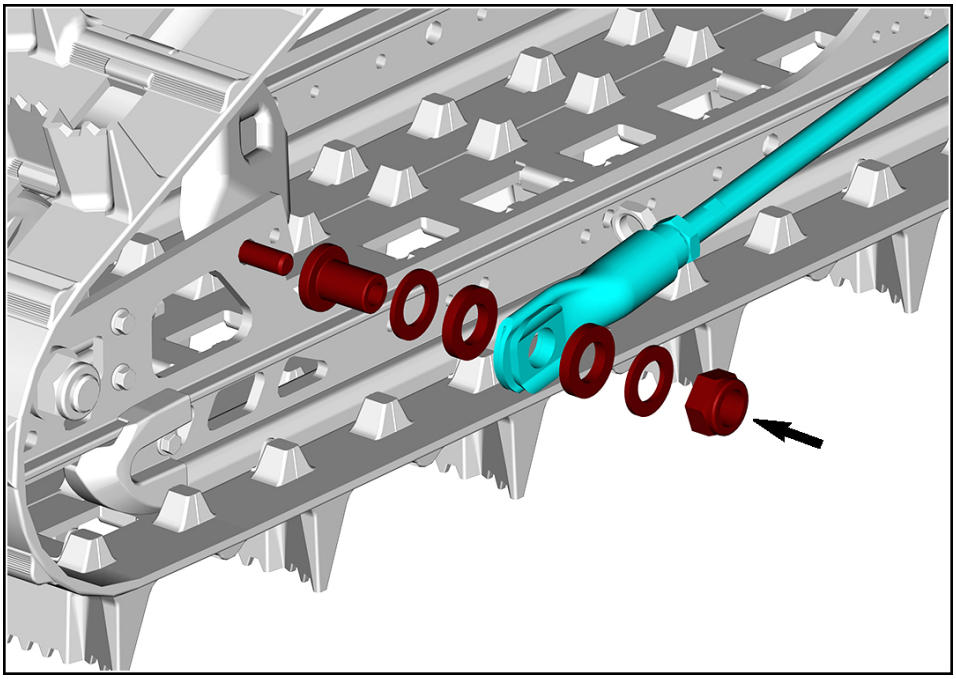
5. *Elastic nut*

6. Locate and remove the hexagonal bolt and its washer on the frame of the rear track. Discard the washer and reinstall the bolt facing outwards.



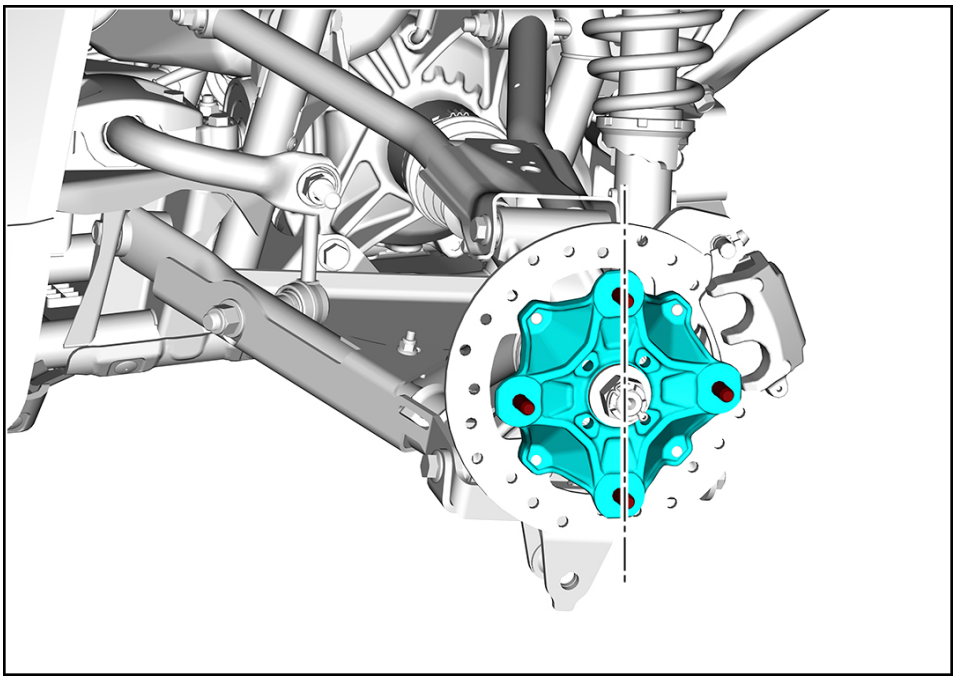


7. Install the anti-rotation arm kit on the previously installed bolt. Tighten to specification.

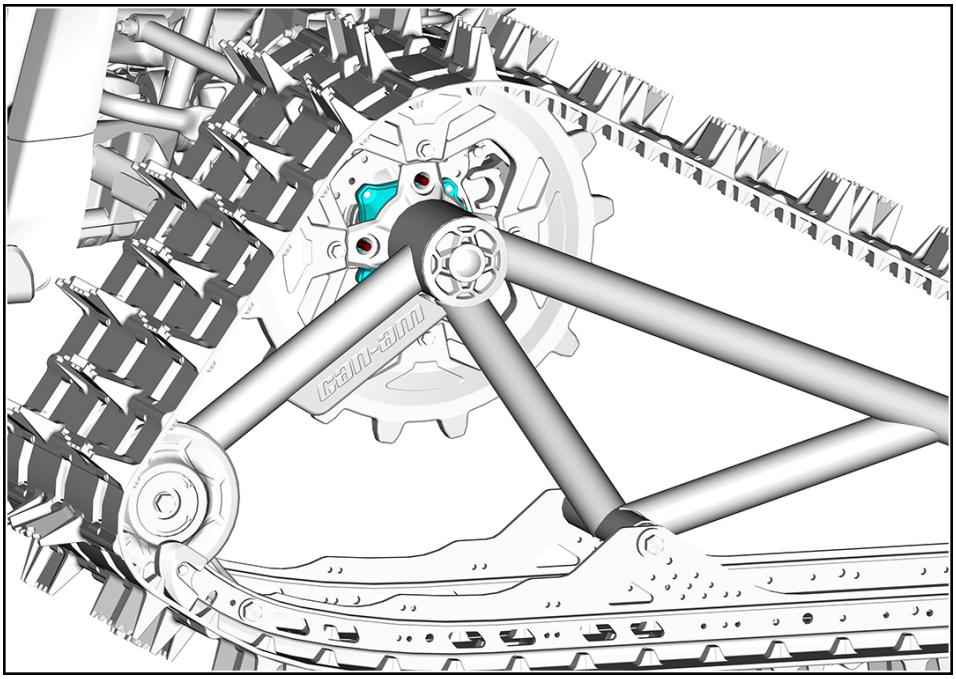


TIGHTENING TORQUE	
M10 hexagonal elastic nut	48 ± 6 N•m (35 ± 4 lbf•ft)

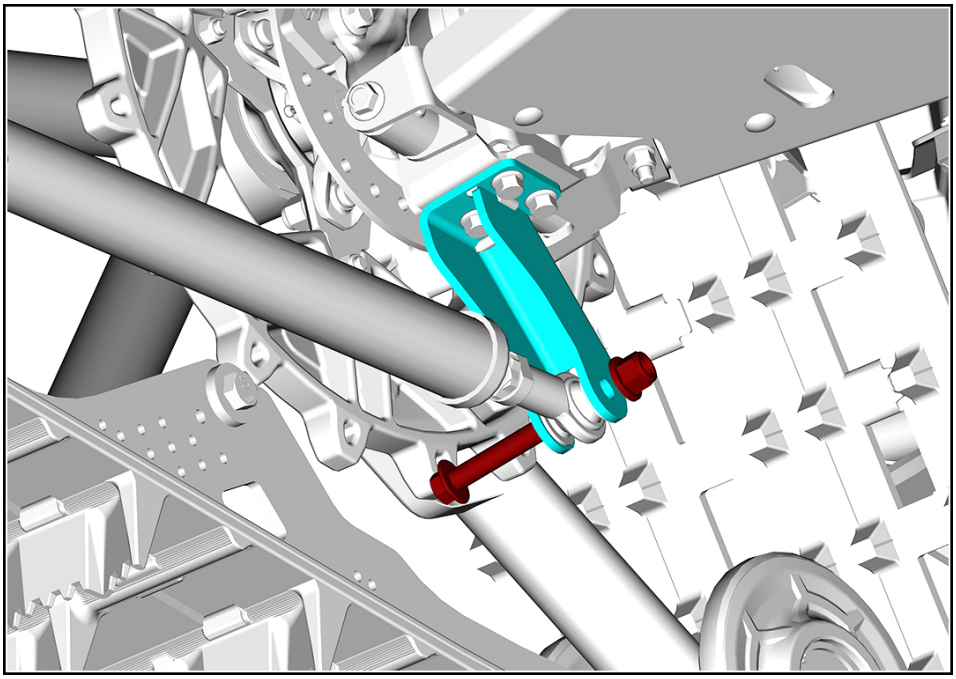
8. Align wheel studs vertically for an easier installation.



9. Position the left rear track on the wheel studs and tighten the lug nuts to specification. Turn the track to gain access to the lower wheel stud. Refer to **Step 2** of the **Front Track Installation**.



10. Connect the anti-rotation arm to the track support using the screw and nut included in the rear ball joint kit [P12].



TIGHTENING TORQUE	
M12 hexagonal flanged elastic nut	85 ± 10 N•m (63 ± 7 lbf•ft)

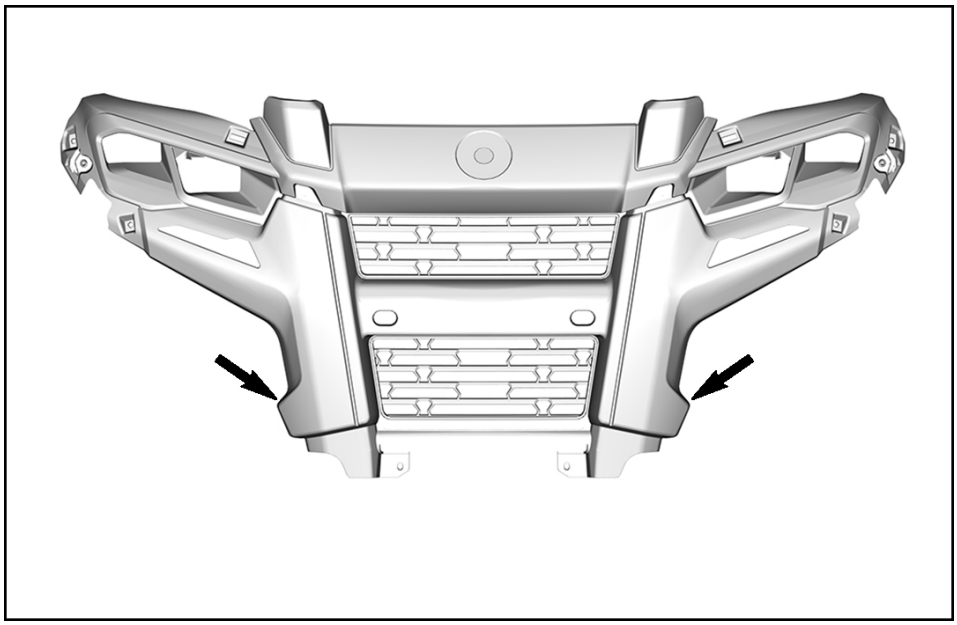
11. Repeat the **Rear Track Installation** for the other side of the vehicle.

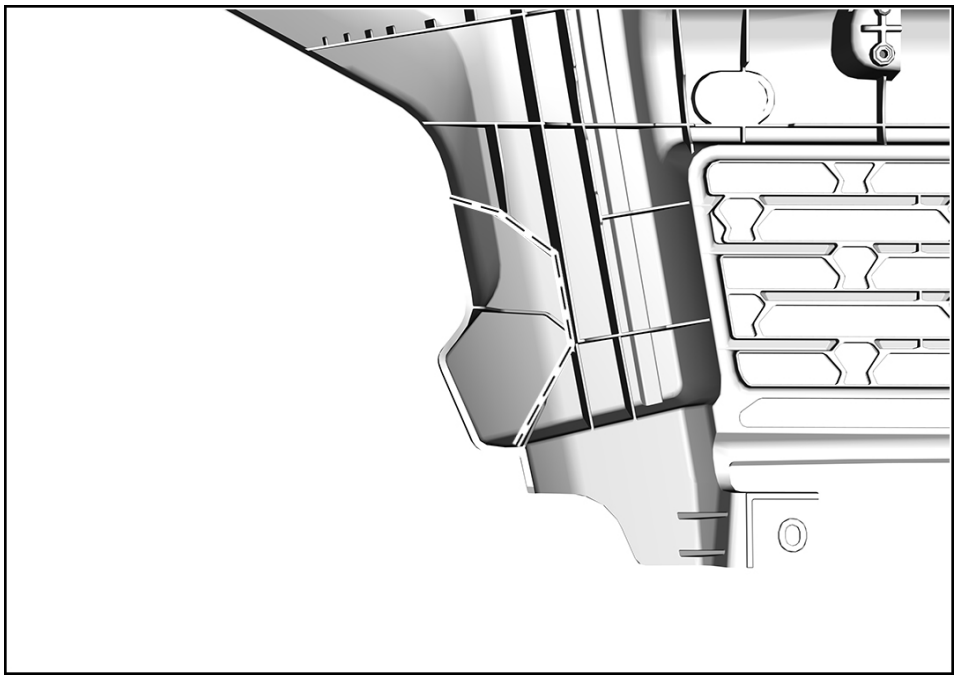
NOTE: DO NOT FORGET TO TIGHTEN ALL ANTI-ROTATION NUTS after the final track adjustments explained at the end of this instruction sheet.

FASCIA TRIM

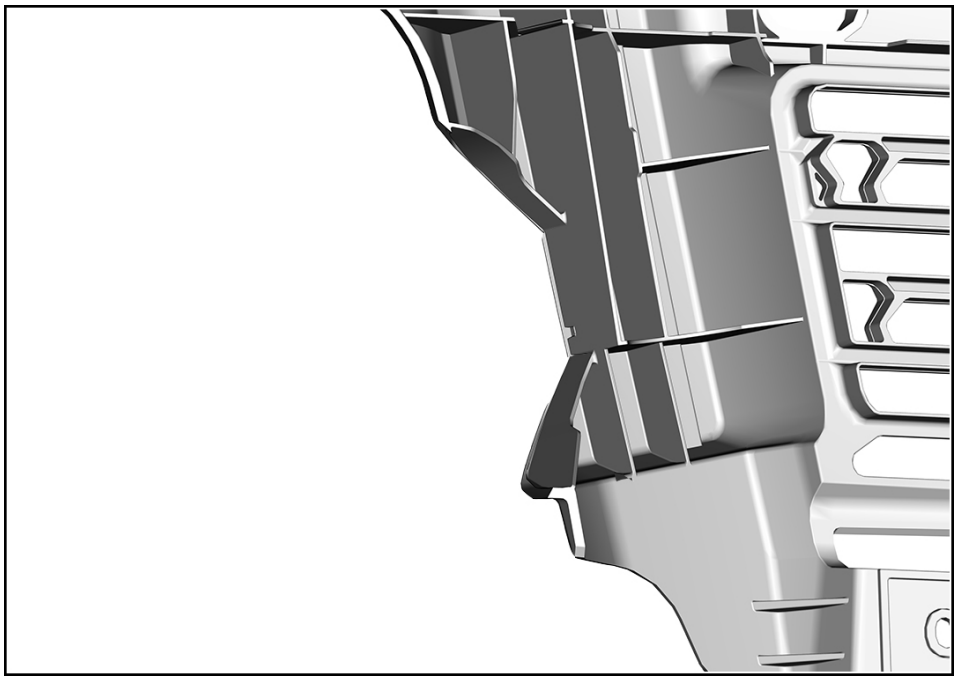
1. Trim fascia using the provided template.

NOTE: Template is close to the ribs at the back of the fascia, ribs were put there for a clean finish.





2. Make sure to debur the edges of the cut for a cleaner finish.



1. *Finished product*

TRACK ADJUSTMENT

Refer to the proper instruction sheet for your track tilt angle adjustment and track tension. Tracks must be properly adjusted.

Track Module Adjustment

Refer to Track Module (Snow Track Mode) instruction sheet from kit for adjustment instructions.
Go to instructions.brp.com with your Track Module Part Number.

Track Module Adjustment and Installation

Refer to DPS Track Module instruction sheet (P/N 487800676) (ATV) for adjustment instructions.

Track Tension Adjustment

Refer to ADJUSTMENT - Apache 360 and 360LT Mounting Kit instruction sheet (P/N 487802938) (ATV) for adjustment instructions.

NOTE: This image is taken from the **Apache 360 and 360 LT Mounting Kit Adjustment** instruction sheet **(487802939)**. Refer to the track adjustment sheet for further information.

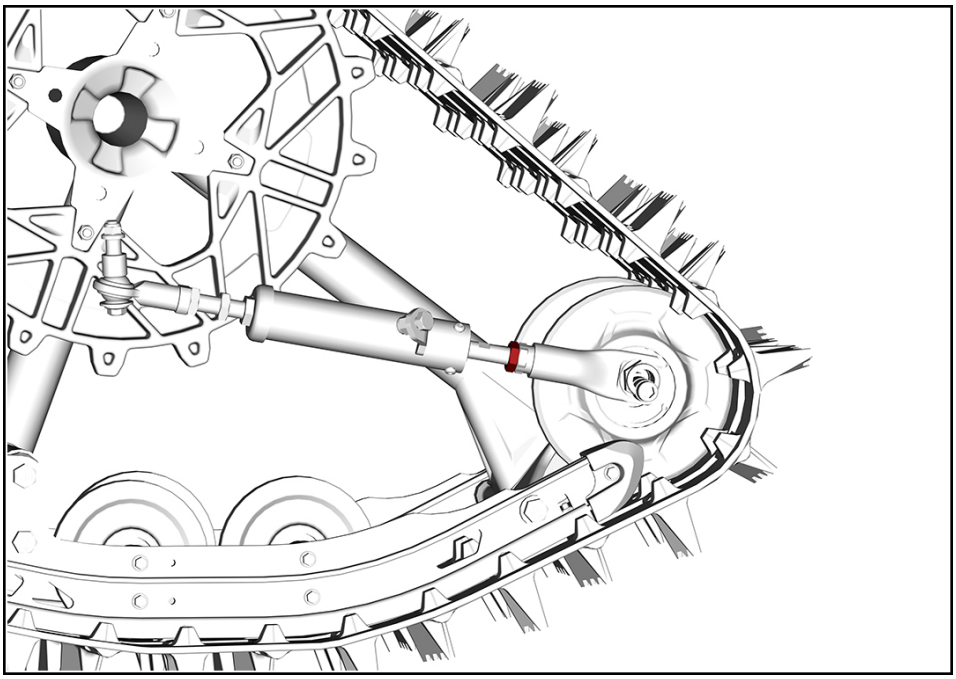
Anti-Rotation Arm Adjustment

Model - Platform	Front Adjustment	Rear Adjustment
BC – ATV and Maverick Trail and Maverick Sport (50'' & 60'')	Extend by two (2) revolutions	Retract by three (3) revolutions
BC LT – Maverick X3 (Excluding European Union and United Kingdom) / Maverick (64'' & 72'')	Extend by two (2) revolutions	Retract by three (3) revolutions
BC LT – Defender (Excluding European Union and United Kingdom) / TRAXTER	Extend by one and a half (1.5) revolutions	Retract by four (4) revolutions

Front Anti-rotation Arm Adjustment

NOTE: Vehicle must be on the ground without weight on it (empty cargo and no passenger)

Loosen M16 hexagonal nut on front backcountry spring.

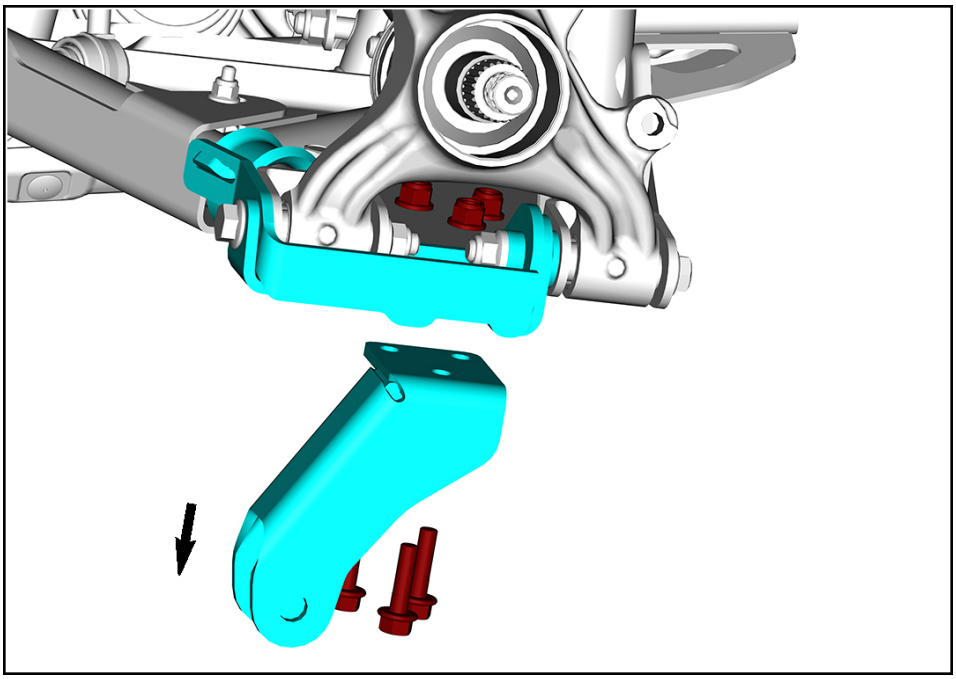


TRACKS REMOVAL

1. Loosen front wheel lug nuts.
2. Lift vehicle and secure in place.
3. Remove and keep lug nuts.
4. Remove track, and anti-rotation tube from the front and the rear.

NOTE: When removing the tracks, all parts from the kit need to be uninstalled except for the rear track support. It is strongly suggested to keep the rear track support [P7] in place.

5. Make sure to remove the track bracket [P11] before installing the wheels.



SAFETY LABEL

This product comes with the following bilingual safety label already installed containing important safety information.

Any person who intends to use this product should read and understand the information contained on the labels before doing so.

The labels should be considered permanent parts of this product. If the labels come off or become hard to read, please contact an authorized BRP dealer for free-of-charge replacement.

• WARNING
Read all instructions of the booklet carefully. Snow spray may create ice film on brake rotors increasing stopping distances. - Periodically apply brake briefly while riding to break the ice film. - Allow more distance to stop.



Refer to the following picture for the location of the safety label.

