ATV-SSV KIT - Apache XC LT Track Kit

Instruction Sheet

ATV / SSV
Can-Am Off-Road

August, 2024
Revision A

Apache XC LT Track Kit

Instruction sheet P/N: 487804148

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

- **For safety reasons, this kit must be installed by an authorized BRP dealer.**
- **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.**
- **Always wear EYE PROTECTION AND APPROPRIATE GLOVES when using power tools.**
- **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.**
- **Some components may be HOT. Always wait for the 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.

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.**
- **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.

Note

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

	GRADE			
	5.8	8.8	10.9	12.9
M4	1.8 N•m ± 0.2 N•m	2.8 N•m ± 0.2 N•m	3.8 N•m ± 0.2 N•m	4.5 N•m ± 0.5 N•m
	(16 lbf•in ± 2 lbf•in)	(25 lbf•in ± 2 lbf•in)	(34 lbf•in ± 2 lbf•in)	(40 lbf•in ± 4 lbf•in)
M5	3.3 N•m ± 0.2 N•m	5 N•m ± 0.5 N•m	7.8 N•m ± 0.7 N•m	9 N•m ± 1 N•m
	(29 lbf•in ± 2 lbf•in)	(44 lbf•in ± 4 lbf•in)	(69 lbf•in ± 6 lbf•in)	(80 lbf•in ± 9 lbf-in)
M6	7.5 N•m ± 1 N•m	10N•m ± 2N•m	12.8 N•m ± 2.2 N•m	16N•m ± 2N•m
	(66 lbf•in ± 9 lbf•in)	(89 lbf•in ± 18 lbf•in)	(113 lbf•in ± 19 lbf•in)	(142lbf•in ± 18lbf•in)
M8	15.3N•m ± 1.7N•m	24.5 N•m ± 3.5	31 .5 N•m ± 3.5 N•m	40 N•m ± 5 N•m
	(135 lbf•in ± 15 lbf•in)	(18 lbf•ft ± 3 lbf•ft)	(23 lbf•ft ± 3 lbf•ft)	(30 lbf•ft ± 4 lbf•ft)
M10	29 N•m ± 3 N•m	48 N•m ± 6 N•m	61 N•m ± 9 N•m	73 N•m ± 7 N•m
	(21 lbf•ft ± 2 lbf•ft)	(35 lbf•ft ± 4 lbf•ft)	(45 lbf•ft ± 7 lbf•ft)	(54 lbf•ft ± 5 lbf•ft)
M12	52N•m ± 6 N•m	85 N•m ± 10 N•m	105N•m ± 15N•m	128N•m ± 17N•m
	(38 lbf•ft ± 4 lbf•ft)	(63 lbf•ft ± 7 lbf•ft)	(77 lbf•ft ± 11 lbf•ft)	(94 lbf•ft ± 13 lbf•ft)
M14	85 N•m ± 10 N•m	135 N•m ± 15 N•m	170 N•m ± 20 N•m	200 N•m ± 25 N•m
	(63 lbf•ft ± 7 lbf•ft)	(100 lbf•ft ± 11 lbf•ft)	(125 lbf•ft ± 15 lbf•ft)	(148 lbf•ft ± 18 lbf•ft)
M16	126N•m ± 14N•m	205 N•m ± 25 N•m	255 N•m ± 30 N•m	305 N•m ± 35 N•m
	(93 lbf•ft ± 10 lbf•ft)	(151 lbf•ft ± 18 lbf•ft)	(188 lbf•ft ± 22 lbf•ft)	(225 lbf•ft ± 26 lbf•ft)
M18	170N•m ± 20N•m	273 N•m ± 32 N•m	330 N•m ± 25 N•m	413N•m ± 47N•m

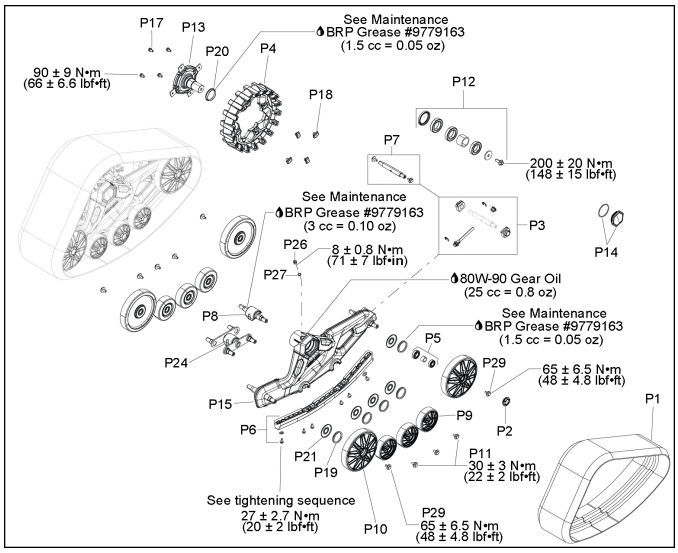
	(125 lbf•ft ± 15 lbf•ft)	(201 lbf•ft ± 24 lbf•ft)	(243 lbf•ft ± 18 lbf•ft)	(305 lbf•ft ± 35 lbf•ft)

Note

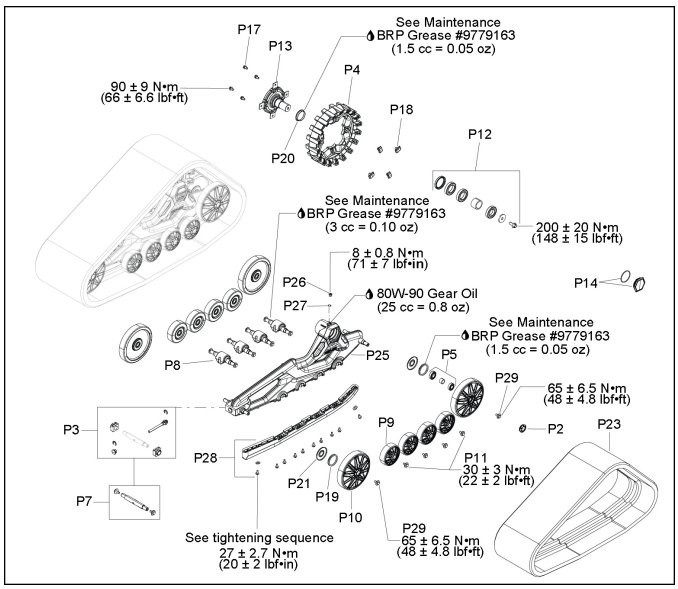
The illustrations in this document show typical construction of the different assemblies and may not reproducethe full detail or exact shape of the parts; however, they represent parts that have the same or similar function. In the pictures below, parts may have been removed for clarity purposes.

PARTS TO BE INSTALLED

FRONT TRACK ASSEMBLY



REAR TRACK ASSEMBLY

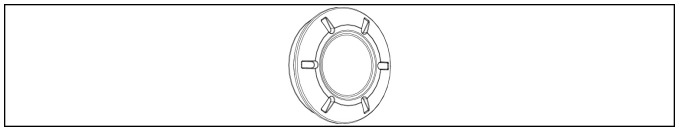


ITEM	DESCRIPTION	PART NUMBER	QTY FRONT TRACK	QTY REAR TRACK
P1	Front Track	705403388	2	0
P2	Wheel Cap	705403134	20	24
P3	Tensionner Assembly	See Service Kit 715009950	2	2
P4	Sprocket	See Service Kit 715009960	2	2
P5	Wheel Bearings	See Service Kit 715009963	20	24
P6	Front Slide	See Service Kit 715009953	2	0
P7	Tensioner Shaft	See Service Kit 715009957	2	2
P8	Damper Shaft Assembly	See Service Kit 715009955	2	8
P9	134 mm Mid Roller	See Service Kit 715009958	12	16
P10	241 mm Idler Wheel	See Service Kit 715009959	8	8
P11	M10 X 25 Hex. Screw with Flat Washer (Gr. 8.8 GREY)	See Service Kit 715009958 or 715009959	12	16
P12	Main Axle Bearings and Seal	See Service Kit 715009962	2	2
P13	Main Axle (Includes wear ring)	See Service Kit 715009961	2	2
P14	Hub Cap	See Service Kit 715010152	2	2
P15	Front LH Frame	See Service Kit 715009977	1	0
	Front RH Frame	See Service Kit 715009978	1	0
P16	Frame Decal (Not shown)	See Service Kit 715010154	2	2

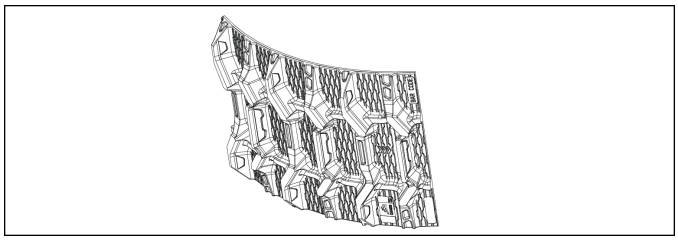
ITEM	DESCRIPTION	PART NUMBER	QTY FRONT TRACK	QTY REAR TRACK
P17	M10 X 17 Hex. Flanged Screw	See Service Kit 715010156	8	8
P18	Threaded Insert	See Service Kit 715010156	8	8
P19	Wheel Bearing Seal	See Service Kit 715010157	20	24
P20	Wear Ring	See Service Kit 715010158	2	2
P21	Wheel Bearing Dust Cap	See Service Kit 715009958 or 715009959	20	24
P22	Safety Labels (Not shown)	See Service Kit 715009976	2	2
P23	Rear Track	705403389	0	2
P24	Tandem Damper Assembly	See Service Kit 715009956	2	0
P25	Rear LH Frame	See Service Kit 715009979	0	1
	Rear RH Frame	See Service Kit 715009980	0	1
P26	M14 Drain Plug	705500504	2	2
P27	M14 Copper Washer	705500506	2	2
P28	Rear Slide	See Service Kit 715009954	0	2
P29	M10 X 25 Hex. Screw with Flat Washer (Gr. 10.9 BLACK)	See Service Kit 715009958 or 715009959	8	8
P30	Delivery Kit (Includes User Guide, PDI Check List and Warning Labels (Not shown))	-	1	

SERVICE PARTS

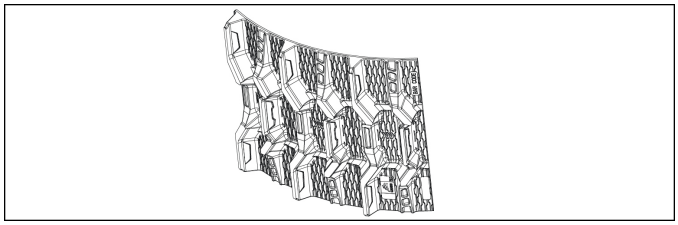
Wheel Cap Kit (P/N 705403134)



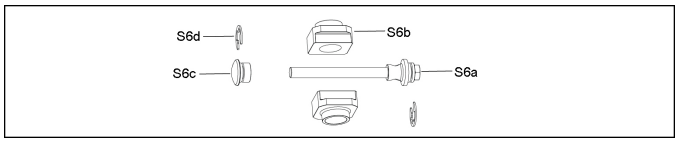
Front Track (P/N 705403388)



Rear Track (P/N 705403389)

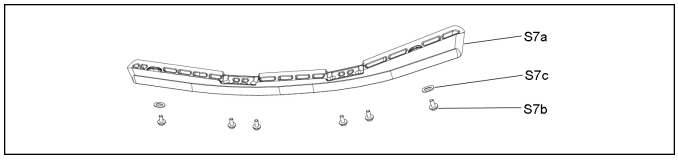


Tensioner Kit (P/N 715009950)



ITEM	DECRIPTION	QTY
S6a	Tensioner Shaft	1
S6b	Axle Block	2
S6c	Cap Sleeve	1
S6d	E-Ring	2

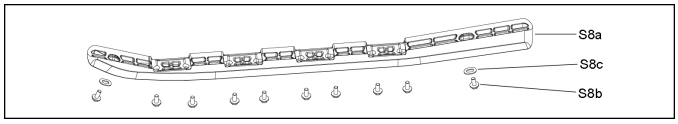
Front Slide Kit (P/N 715009953)



ITEM	DECRIPTION	QTY
S7a	Front Slide	1

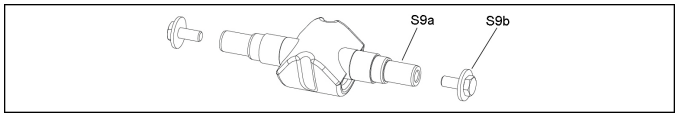
ITEM	DECRIPTION	QTY
S7b	M8 X 20 Hex. Screw with Flat Washer	6
S7c	M8 Oval Washer	2

Rear Slide Kit (P/N 715009954)



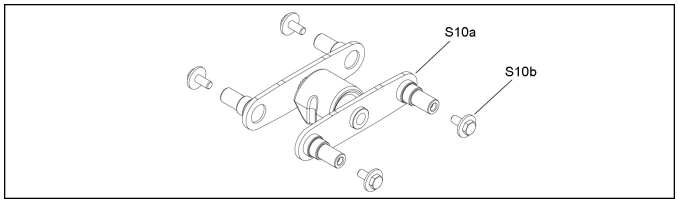
ITEM	DECRIPTION	QTY
S8a	Rear Slide	1
S8b	M8 X 20 Hex. Screw with Flat Washer	10
S8c	M8 Oval Washer	2

Damper Shaft Kit (P/N 715009955)



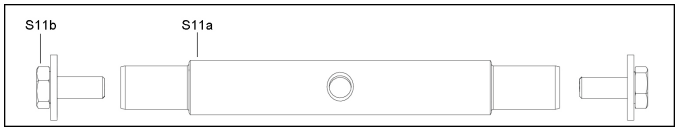
ITEM	DECRIPTION	QTY
S9a	Damper Shaft	1
S9b	M10 X 25 Hex. Screw with Flat Washer (Gr 8.8 GREY)	2

Tandem Damper Kit (P/N 715009956)



ITEM	DECRIPTION	QTY
S10a	Tandem Axle	1
S10b	M10 X 25 Hex. Screw with Flat Washer (Gr 8.8 GREY)	4

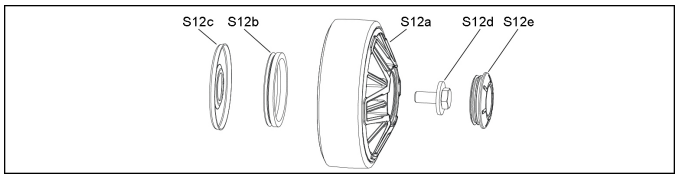
Tensioner Shaft Kit (P/N 715009957)



ITEM	DECRIPTION	QTY
S11a	Drilled Axle	1

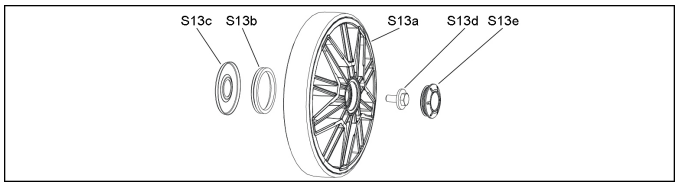
ITEM	DECRIPTION	QTY
S11b	M10 X 25 Hex. Screw with Flat Washer (Gr 10.9 BLACK)	2

134 mm Mid Roller Kit (P/N 715009958)



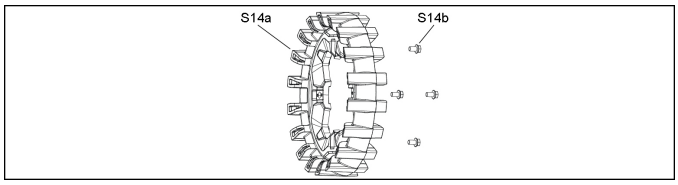
ITEM	DECRIPTION	QTY
S12a	134 mm Wheel Assembly (Bearing included)	1
S12b	Wheel Bearing Seal	1
S12c	Wheel Bearing Dust Cap	1
S12d	M10 X 25 Hex. Screw with Flat Washer (Gr 10.9 BLACK)	1
S12e	Wheel Cap	1

241 mm Idler Wheel Kit (P/N 715009959)



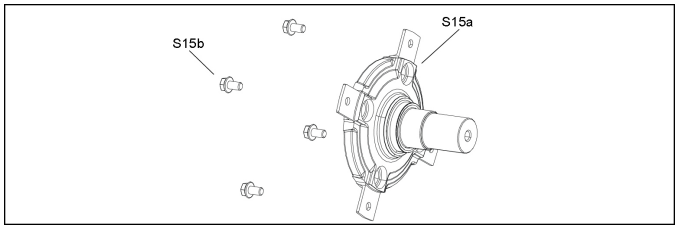
ITEM	DECRIPTION	QTY
S13a	241 mm Wheel Assembly (Bearing included)	1
S13b	Wheel Bearing Seal	1
S13c	Wheel Bearing Dust Cap	1
S13d	M10 X 25 Hex. Screw with Flat Washer (Gr 10.9 BLACK)	1
S13e	Wheel Cap	1

Sprocket Kit (P/N 715009960)



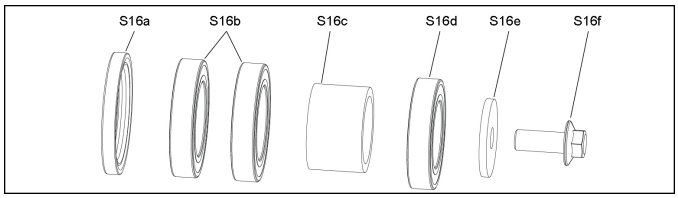
ITEM	DECRIPTION	QTY
S14a	Sprocket	1
S14b	M10 X 17 Hex. Flanged Screw	4

Main Axle Kit (P/N 715009961)



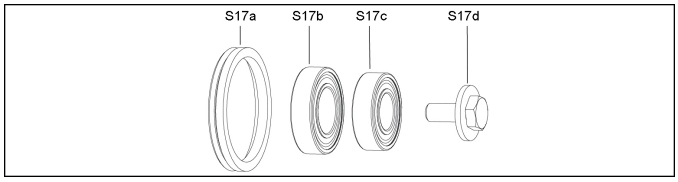
ITEM	DECRIPTION	QTY
S15a	Hub Assembly	1
S15b	M10 X 17 Hex. Flanged Screw	4

Main Axle Bearing Kit (P/N 715009962)



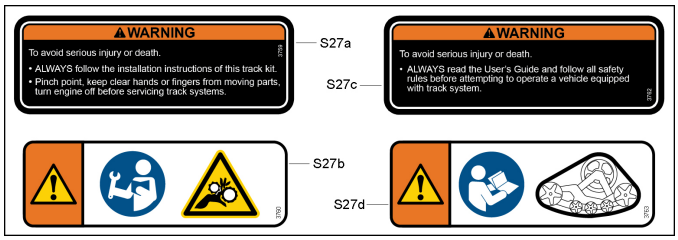
ITEM	DECRIPTION	QTY
S16a	Seal	1
S16b	Bearing	2
S16c	Sleeve Hub	1
S16d	Bearing	1
S16e	M14 Flat Washer	1
S16f	M14 X 35 Hex. Flanged Screw	1

Wheel Bearing Kit (P/N 715009963)



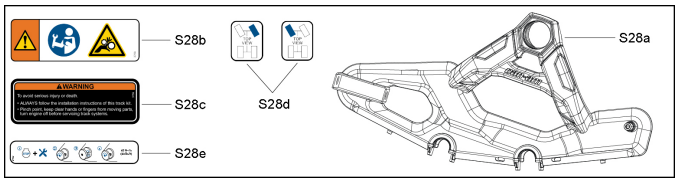
ITEM	DECRIPTION	QTY
S17a	Wheel Bearing Seal	1
S17b	Bearing	1
S17c	Bearing	1
S17d	M10 X 25 Hex. Screw with Flat Washer (Gr 10.9 BLACK)	1

Safety Label Kit (P/N 715009976)



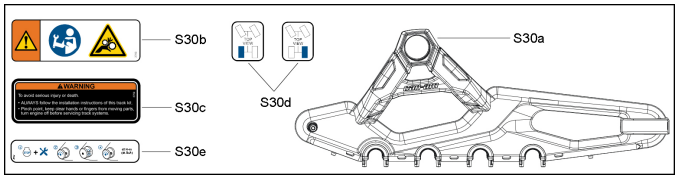
ITEM	DECRIPTION	QTY
S27a	Pinch Point Warning Label (English)	1
S27b	Pinch Point Warning Label (Pictogram)	1
S27c	User Guide Warning Label (English)	1
S27d	User Guide Warning Label (Pictogram)	1

LH Front Frame Kit (P/N 715009977) and RH Front Frame Kit (P/N 715009978)



ITEM	DECRIPTION	QTY Left	QTY Right
S28a	LH Front Frame	1	0
	RH Front Frame	0	1
S28b	Pinch Point Warning Label (Pictogram)	1	1
S28c	Pinch Point Warning Label (English)	1	1
S28d	LH Front Positioning Pictogram Label	1	0
	RH Front Positioning Pictogram Label	0	1
S28e	Tensioner Label (Pictogram)	1	1

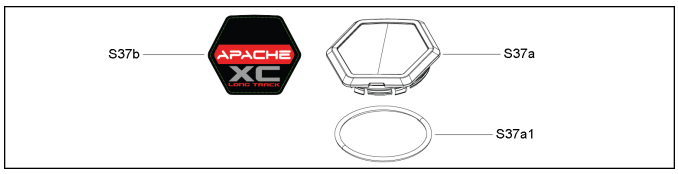
LH Rear Frame Kit (P/N 715009979) and RH Rear Frame Kit (P/N 715009980)



ITEM	DECRIPTION	QTY Left	QTY Right
S30a	LH Rear Frame	1	0
	RH Rear Frame	0	1
S30b	Pinch Point Warning Label (Pictogram)	1	1
S30c	Pinch Point Warning Label (English)	1	1

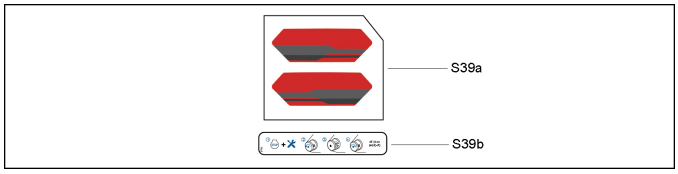
ITEM	DECRIPTION	QTY Left	QTY Right
S30d	LH Rear Positioning Pictogram Label	1	0
	RH Rear Positioning Pictogram Label	0	1
S30e	Tensioner Label (Pictogram)	1	1

Hub Cap Kit (P/N 715010152)



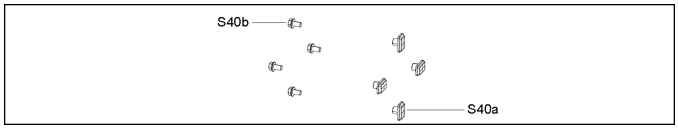
ITEM	DECRIPTION	QTY
S37a	Hub Cap Assembly	1
S37a1	O-Ring	1
S37b	Decal	1

Frame Decal Kit (P/N 715010154)



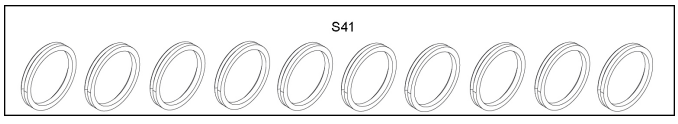
ITEM	DECRIPTION	QTY
S39a	Upper Frame Decals (RED)	1
S39b	Tensioner Decal	1

Sprocket Screw Kit (P/N 715010156)



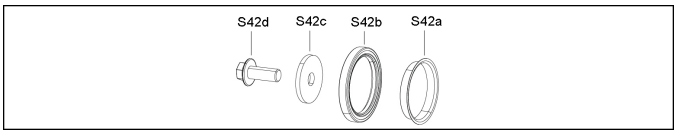
ITEM	DECRIPTION	QTY
S40a	M10 Threaded Insert	4
S40b	M10 X 17 Hex. Flanged Screw	4

Wheel Bearing Seal Kit (P/N 715010157)



ITEM	DECRIPTION	QTY
S41	Seal	10

Wear Ring Kit (P/N 715010158)



ITEM	DECRIPTION	QTY
S42a	Wear Sleeve	1
S42b	Seal	1
S42c	M14 Flat Washer	1
S42d	M14 X 35 Hex. Flanged Screw	1

Maintenance Schedule

About this task

Maintenance is very important for keeping your Apache XC LT track kit in safe operating condition. Proper maintenance is the owner's responsibility. The track kit should be serviced as per the maintenance schedule.

About this task

The maintenance schedule does not exempt the pre-ride inspection.

WARNING

Failure to properly maintain the track kit according to the maintenance schedule and procedures can make it unsafe to operate.

Refer to *USER'S GUIDE* for maintenance schedule.

Maintenance Tightening Torques

About this task

Perform tightening torque of track kit hardware as per frequencies described in the periodic maintenance chart. Refer to the *USER'S GUIDE* for maintenance chart.

About this task

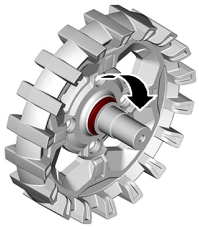
WARNING

Strictly adhere to tightening torque specifications. If not followed, this may lead to loss of fastener and components. You may lose control.

Maintenance - Main Axle Wear Ring

About this task

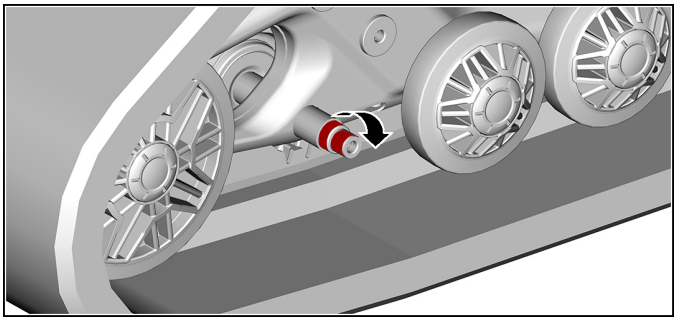
Main Axle Wear Ring must be greased using BRP Grease #9779163 (1.5 cc = 0.05 oz).



Maintenance - Wheel Shaft

About this task

ALL wheel shafts must be greased using the BRP Grease #9779163 (3 cc = 0.10 oz).



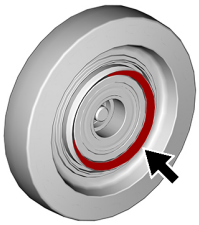
Maintenance - Wheel Seal

About this task

ALL Wheel Seals must be greased using BRP Grease #9779163 (1.5 cc = 0.05 oz).

NOTICE

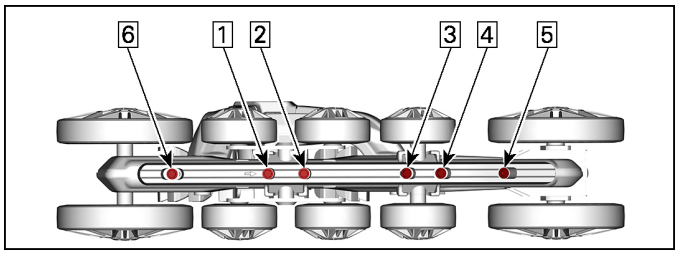
No grease allowed on inner diameter of the seal.



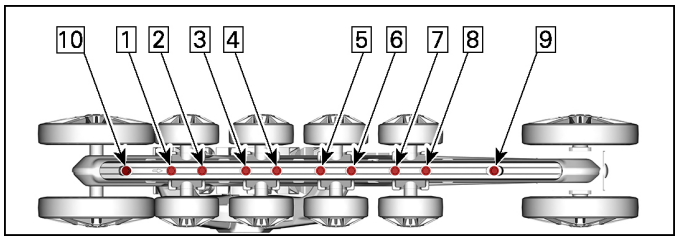
Front and Rear Slides Tightening Torque Sequence

Note

It is really important to respect the tightening sequence to get a tight fit between slides and frames.



FRONT SLIDE TIGHTENING TORQUE SEQUENCE



REAR SLIDE TIGHTENING TORQUE SEQUENCE

Track Tension Adjustment

About this task

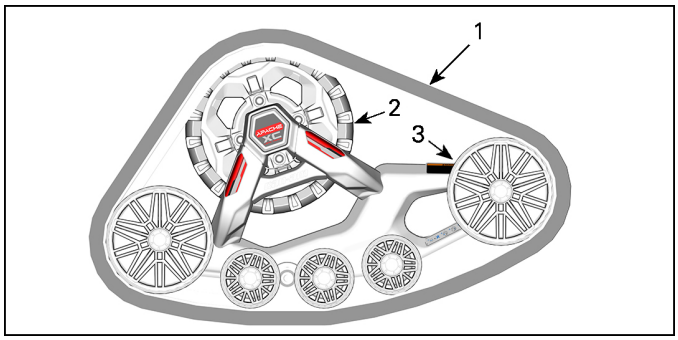
A belt tension tester (*P/N 414348200*) is used to measure deflection as well as force applied.



CAUTION

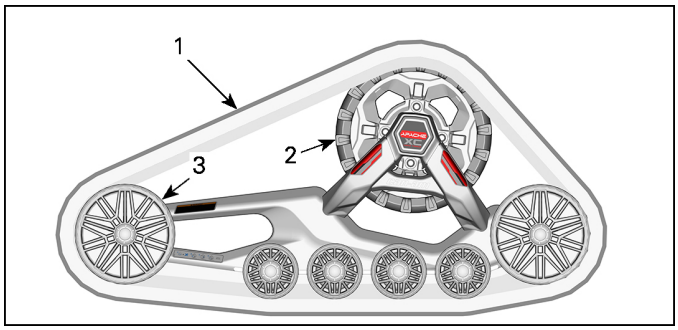
Too much tension will result in power loss and excessive stresses on track kit components. If the track tension is too loose, track will have a tendency to thump or de-track. This can cause a loss of control and risks of severe injuries.

Position a straight edge on top of track between sprocket and front or rear idler wheel.



TYPICAL FRONT RH SIDE

1. *Straight edge location*
2. *Sprocket*
3. *Front idler wheel*



TYPICAL REAR RH SIDE

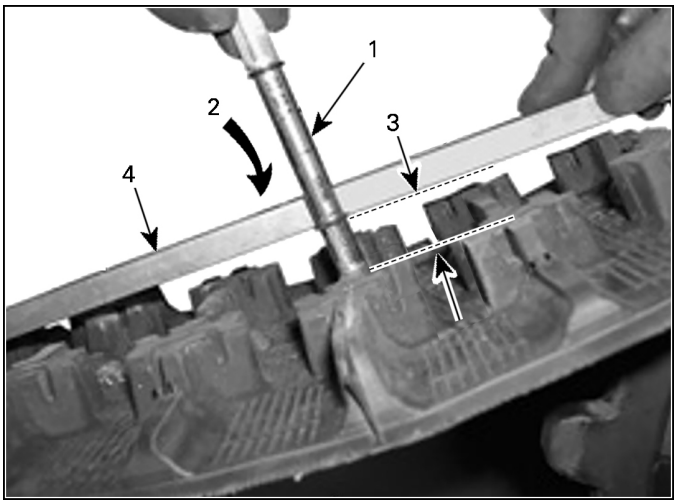
1. *Straight edge location*
2. *Sprocket*
3. *Front idler wheel*

About this task

With a belt tension tester, apply the appropriate force halfway between both wheels. Measure deflection between straight edge and top of lug, see picture below.

Note

It is important to position the belt tensionner centered between the sprocket and idler wheel to get the most accurate reading.



VERIFY TRACK DEFLECTION

1. *Belt tension tester*
2. *Force*
3. *Deflection*
4. *Straight Edge*

Verify track deflection as per specifications in the following table.

Track Adjustment

TRACK ADJUSTMENT		
POSITION	**FORCE**	**DEFLECTION**
FRONT	13.5 ± 1 kgf (30 ± 2 lbf)	10 ± 2 mm (3/8 ± 1/16 in)
REAR	11 ± 1 kgf (24 ± 2 lbf)	13 ± 2 mm (1/2 ± 1/16 in)

NOTICE

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

Note

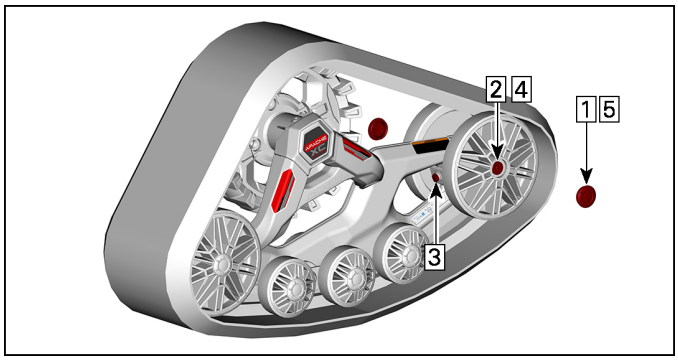
Procedure is the same for all tracks.

About this task

Remove dust cap from each side of the idler wheel and loose both screws.

About this task

Adjust tension by turning the adjuster screw clockwise to increase tension OR counterclockwise to decrease tensionthen tighten both idler wheel screws to specification. Reinstall the previously removed dust caps.



1. *Remove dust caps.*
2. *Loosen both idler wheel screws.*
3. *Adjust tension as needed.*
4. *Tighten both idler wheel screws.*
5. *Reinstall dust caps.*

About this task

Verify tension to make sure adjustments are as per specification.

SAFETY LABEL

Some of these products comes with safety labels and contain 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 these products. If the labels come off or become hard to read, please contact an authorized BRP dealer for free-of-charge replacement.

WARNING

To avoid serious injury or death.

- **ALWAYS read the *USER'S GUIDE* and follow all safety rules before attempting to operate a vehicle equipped with track system.**

(LABELS ALREADY INSTALLED)

WARNING

To avoid serious injury or death.

- **ALWAYS follow the installation instructions of this track kit.**

- **Pinch point, keep clear hands or fingers from moving parts, turn engine off before servicing track systems.**

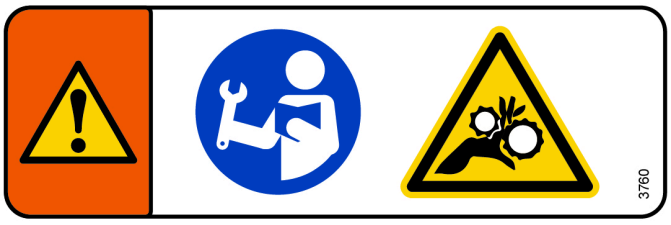


708003759 (installed)

A Pictogram warning label is also available in the kit and must be installed in accordance with Market Regulation.

Install pictogram label OVER the existing warning label.

Clean surface using isopropyl alcohol and dry thoroughly before installing the label.



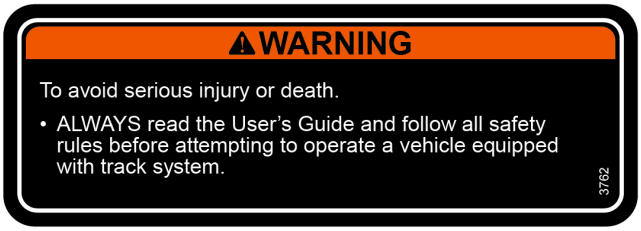
708003760 (pictogram to install)

DELIVERY KIT VEHICLE WARNING LABELS (NOT INSTALLED)

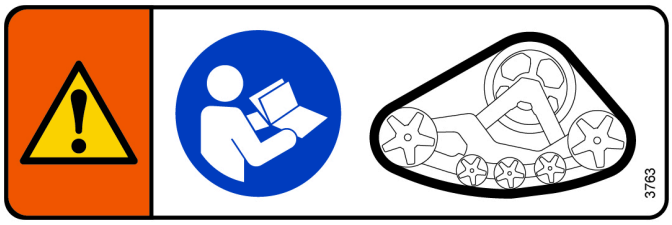
Vehicle warning labels must be installed on the vehicle itself.

A Pictogram warning label is also available in the kit and must be installed in accordance with Market Regulation.

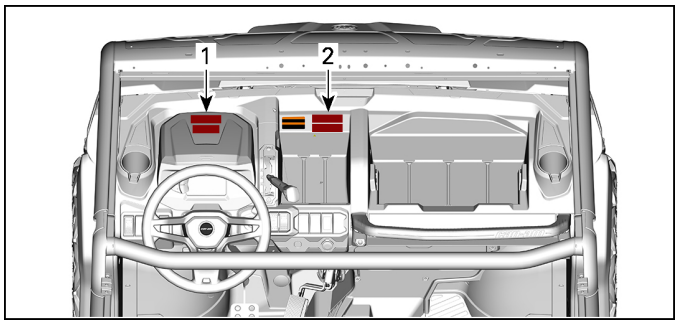
Clean surface using isopropyl alcohol and dry thoroughly before installing the label.



708003762 (not installed)



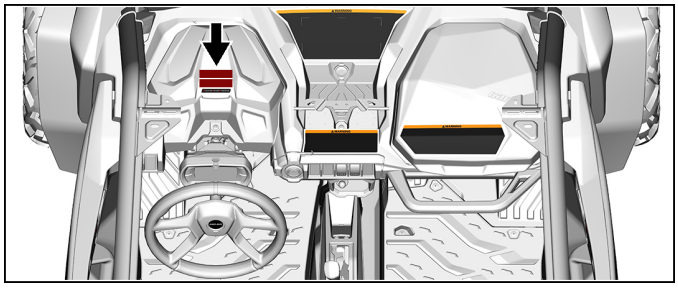
708003763 (not installed)



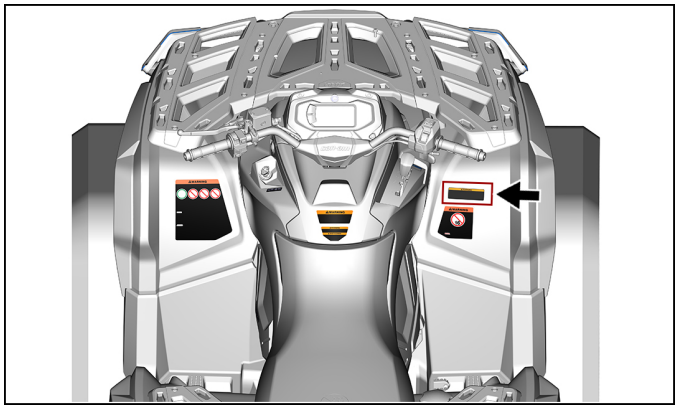
TYPICAL – WARNING LABELS LOCATION FOR DEFENDER or TRAXTER

1. *Option #1*

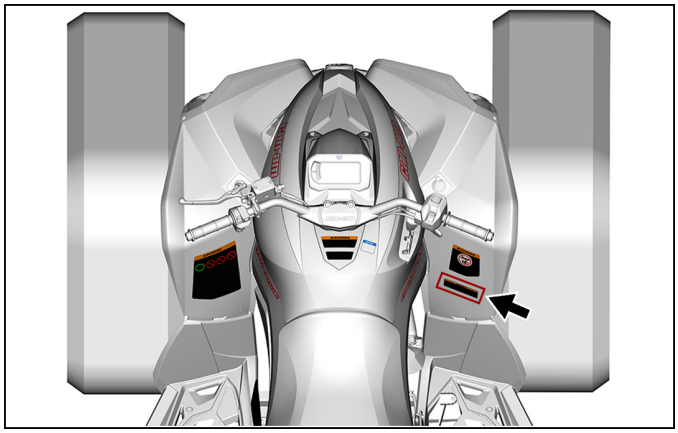
2. *Option #2*



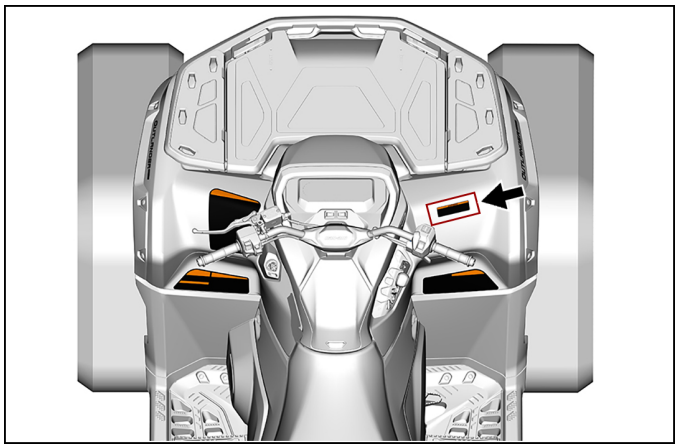
TYPICAL – WARNING LABELS LOCATION FOR MAVERICK AND COMMANDER



TYPICAL – WARNING LABEL LOCATION FOR ATV G2 Series



TYPICAL – WARNING LABEL LOCATION FOR ATV G2S Series



TYPICAL – WARNING LABEL LOCATION FOR ATV G3 Series