ATV KIT - Apache XC Track Kit

Instruction Sheet

ATV / G2 and G3 Series
Can-Am Off-Road

August, 2024
Revision A

Apache XC Track Kit

Instruction sheet P/N: 487804147

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	10 N•m ± 2 N•m	12.8 N•m ± 2.2 N•m	16 N•m ± 2 N•m
	(66 lbf•in ± 9 lbf•in)	(89 lbf•in ± 18 lbf•in)	(113 lbf•in ± 19 lbf•in)	(142 lbf•in ± 18lbf•in)
M8	15.3 N•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	52 N•m ± 6 N•m	85 N•m ± 10 N•m	105 N•m ± 15N•m	128 N•m ± 17 N•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	170 N•m ± 20 N•m	273 N•m ± 32 N•m	330 N•m ± 25 N•m	413 N•m ± 47 N•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)

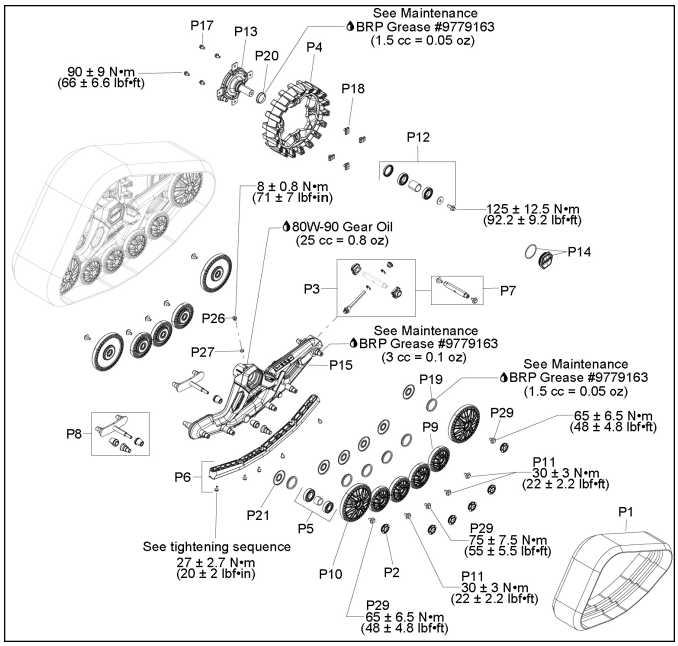
Note

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.

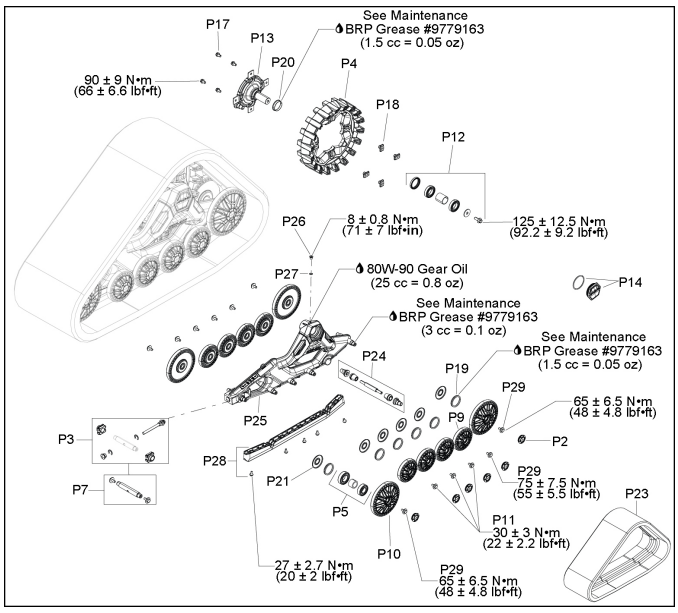
PARTS TO BE INSTALLED

RH side shown, same for LH side.

FRONT TRACK ASSEMBLY



REAR TRACK ASSEMBLY

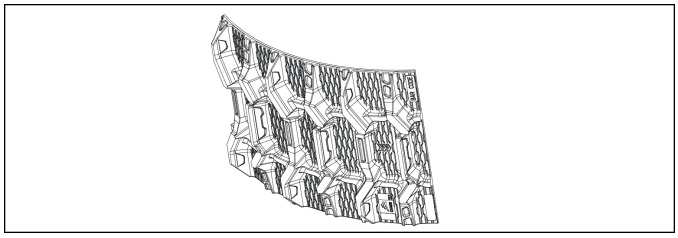


ITEM	DESCRIPTION	PARTNUMBER	QTY FRONT TRACK	QTY REAR TRACK
P1	Front Track	705403178	2	0
P2	Wheel Cap	705403134	22	24
P3	Tensionner Assembly	See Service Kit 715009950	2	2
P4	Sprocket	See Service Kit 715009960	2	2
P5	Wheel Bearings	See Service Kit 715009963	22	24
P6	Front Slide	See Service Kit 715009964	2	0
P7	Tensioner Shaft	See Service Kit 715009966	2	2
P8	Tandem Damper Assembly	See Service Kit 715009967	2	0
P9	134 mm Mid Roller	See Service Kit 715009968	14	16
P10	202 mm Idler Wheel	See Service Kit 715009969	8	8
P11	M10 X 25 Hex. Screw with Flat Washer (Gr 8.8 GREY)	-	12	12
P12	Main Axle Bearings and Seal	See Service Kit 715009970	2	2
P13	Main Axle (Includes wear ring)	See Service Kit 715009971	2	2
P14	Hub Cap	See Service Kit 715009972	2	2
P15	Front LH Frame	See Service Kit 715009981	1	0
	Front RH Frame	See Service Kit 715009982	1	0
P16	Frame Decal (Not shown)	See Service Kit 715010153	2	2

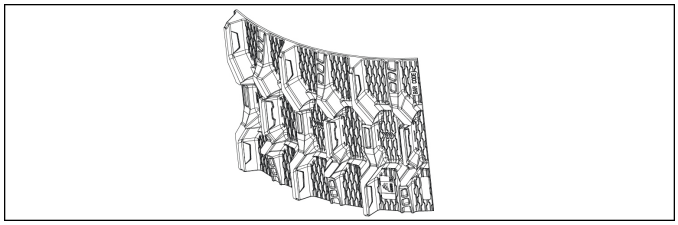
ITEM	DESCRIPTION	PARTNUMBER	QTY FRONT TRACK	QTY REAR TRACK
P17	M10 X 17 Hex. Flanged Screw	See Service Kit 715010156	8	8
P18	Threaded Insert	See Service Kit 715010156	8	8
P19	Wheel Bearing Seal	See Service Kit 715010157	22	24
P20	Wear Ring	See Service Kit 715010159	2	2
P21	Wheel Bearing Dust Cap	See Service Kit 715009968 or 715009969	22	24
P22	Safety Labels (Not shown)	See Service Kit 715009976	2	2
P23	Rear Track	705403182	0	2
P24	Damper Shaft Assembly	See Service Kit 715009985	0	2
P25	Rear LH Frame	See Service Kit 715009983	0	1
	Rear RH Frame	See Service Kit 715009984	0	1
P26	M14 Drain Plug	705500504	2	2
P27	M14 Copper Washer	705500506	2	2
P28	Rear Slide	See Service Kit 715009965	0	2
P29	M10 X 25 Hex. Screw with Flat Washer (Gr. 10.9 BLACK)	See Service Kit 715009968 or 715009969	10	12
P30	Delivery Kit (Includes User Guide, PDI Check List and Warinng Labels(Not shown))	-	1	

SERVICE PARTS

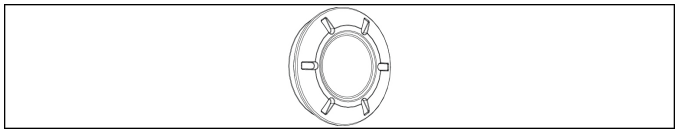
Front Track (P/N 705403178)



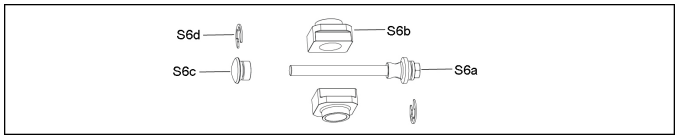
Rear Track (P/N 705403182)



Wheel Cap Kit (P/N 705403338)

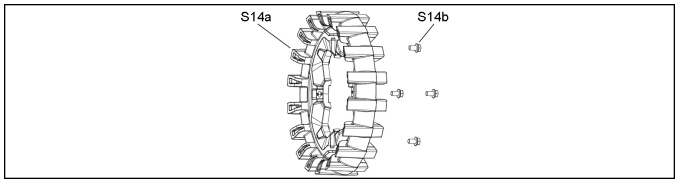


Tensioner Kit (P/N 715009950)



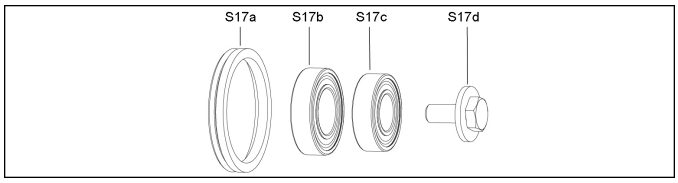
ITEM	DESCRIPTION	QTY
S6a	Tensioner Shaft	1
S6b	Axle Block	2
S6c	Cap Sleeve	1
S6d	E-Ring	2

Sprocket Kit (P/N 715009960)



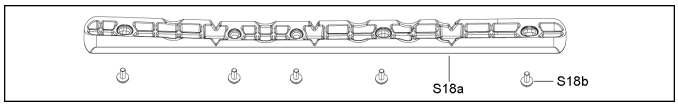
ITEM	DESCRIPTION	QTY
S14a	Sprocket	1
S14b	M10 X 17 Hex. Flanged Screw	4

Wheel Bearing Kit (P/N 715009963)



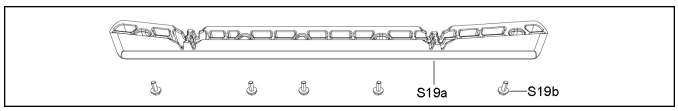
ITEM	DESCRIPTION	QTY
S17a	Wheel Bearing Seal	1
S17b	Bearing	1
S17c	Bearing	1
S17d	M10 X 25 Hex. Screw with Flat Washer (Gr 10.9 BLACK)	1

Front Guide Kit (P/N 715009964)



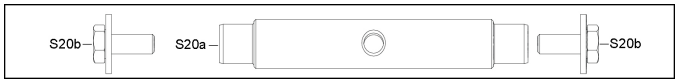
ITEM	DESCRIPTION	QTY
S18a	Front Track Guide	1
S18b	M8 X 20 Hex. Flanged Screw	5

Rear Slide Kit (P/N 715009965)



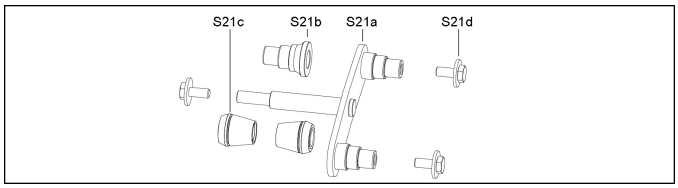
ITEM	DESCRIPTION	QTY
S19a	Slide	1
S19b	M8 X 20 Hex. Flanged Screw	5

Tensioner Shaft Kit (P/N 715009966)



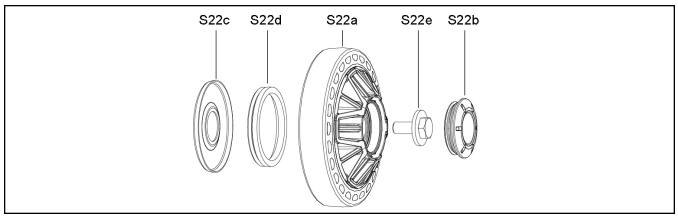
ITEM	DESCRIPTION	QTY
S20a	Tensioner Shaft	1
S20b	M10 X 25 Hex. Screw with Flat Washer (Gr 10.9 BLACK)	2

Tandem Damper Kit (P/N 715009967)



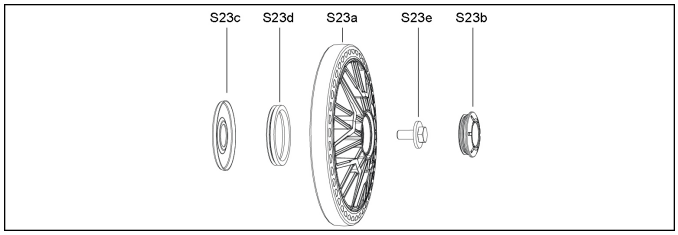
ITEM	DESCRIPTION	QTY
S21a	Tandem Axle	1
S21b	Center Shaft	1
S21c	Bushing	2
S21d	M10 X 25 Hex. Screw with Flat Washer (Gr 10.9 BLACK)	3

134 mm Mid Roller Kit (P/N 715009968)



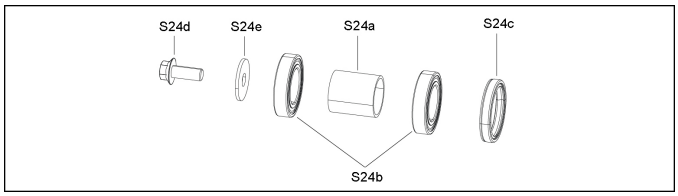
ITEM	DESCRIPTION	QTY
S22a	134 mm Mid Roller (Bearing included)	1
S22b	Wheel Cap	1
S22c	Wheel Bearing Dust Cap	1
S22d	Wheel Bearing Seal	1
S22e	M10 X 25 Hex. Screw with Flat Washer (Gr 10.9 BLACK)	1

202 mm Idler Wheel Kit (P/N 715009969)



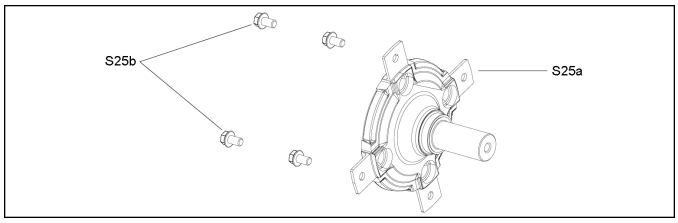
ITEM	DESCRIPTION	QTY
S23a	202 mm Idler Wheel Assembly (Bearing included)	1
S23b	Wheel Cap	1
S23c	Wheel Bearing Dust Cap	1
S23d	Seal	1
S23e	M10 X 25 Hex. Screw with Flat Washer (Gr 10.9 BLACK)	1

Hub Bearing Kit (P/N 715009970)



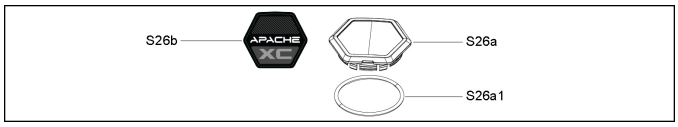
ITEM	DECRIPTION	QTY
S24a	Sleeve Hub	1
S24b	Bearing	2
S24c	Seal	1
S24d	M12 X 30 Hex. Flanged Screw	1
S24e	M12 Flat Washer	1

Hub Kit (P/N 715009971)



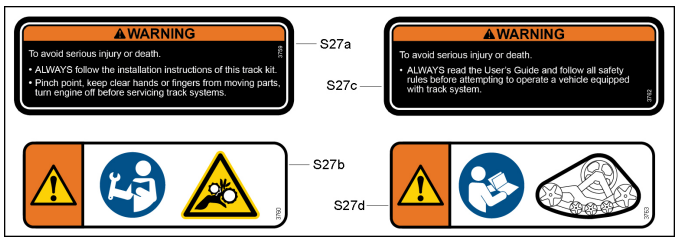
ITEM	DESCRIPTION	QTY
S25a	Hub Assembly	1
S25b	M10 X 17 Hex. Flanged Screw	4

Hub Cap Kit (P/N 715009972)



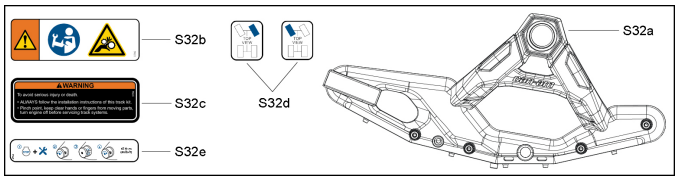
ITEM	DESCRIPTION	QTY
S26a	Hub Cap Assembly	1
S26a1	O-ring	1
S26b	Decal	1

Safety Labels Kit (P/N 715009976)



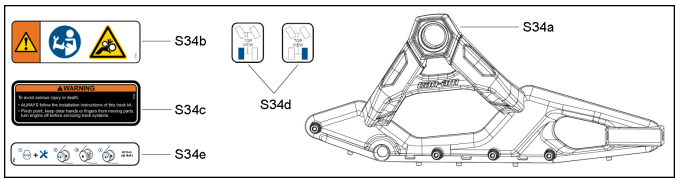
ITEM	DESCRIPTION	QTY
S27a	Pinch Point Warning Label (English)	1
S27b	Pinch Point Warning Label (Pictogram)	1
S27c	User Guide Warning Label (English)	1
S27d	User Guide Warning Label (Pictogram)	1

LH Front Frame Kit (P/N 715009981) and RH Front Frame Kit (P/N 715009982)



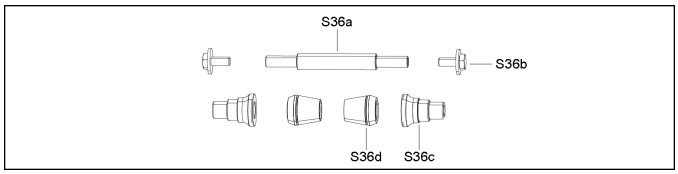
ITEM	DESCRIPTION	QTY LEFT	QTY RIGHT
S32a	LH Front Frame	1	0
	RH Front Frame	0	1
S32b	Pinch Point Warning Label (Pictogram)	1	1
S32c	Pinch Point Warning Label (English)	1	1
S32d	LH Front Positioning Pictogram Label	1	0
	RH Front Positioning Pictogram Label	0	1
S32e	Tensioner Label (Pictogram)	1	1

LH Rear Frame Kit (P/N 715009983) and RH Rear Frame Kit (P/N 715009984)



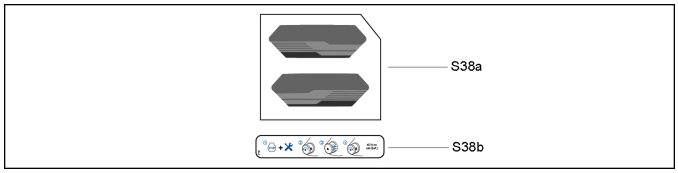
ITEM	DESCRIPTION	QTY LEFT	QTY RIGHT
S34a	LH Rear Frame	1	0
	RH Rear Frame	0	1
S34b	Pinch Point Warning Label (Pictogram)	1	1
S34c	Pinch Point Warning Label (English)	1	1
S34d	LH Rear Positioning Pictogram Label	1	0
	RH Rear Positioning Pictogram Label	0	1
S34e	Tensioner Label (Pictogram)	1	1

Shaft Damper Kit (P/N 715009985)



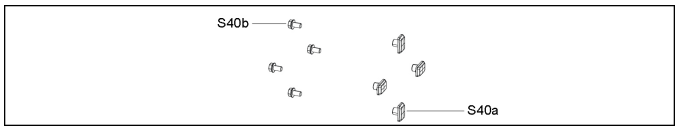
ITEM	DESCRIPTION	QTY
S36a	Axle Shaft	1
S36b	M10 X 25 Hex. Screw with Flat Washer (Gr 10.9 BLACK)	2
S36c	Central Shaft	2
S36d	Bushing	2

Upper Frame Decal Kit (P/N 715010153)



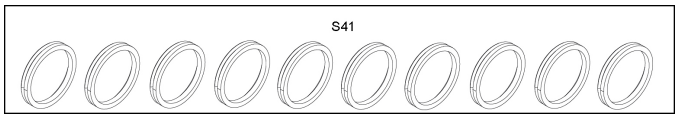
ITEM	DESCRIPTION	QTY
S38a	Upper Frame Decals (GREY)	1
S38b	Tensioner Decal	1

Sprocket Screw Kit (P/N 715010156)



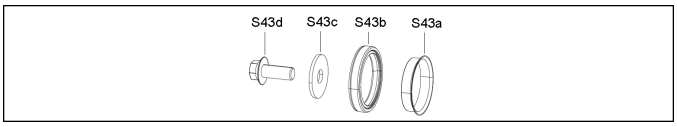
ITEM	DESCRIPTION	QTY
S40a	M10 Threaded Insert	4
S40b	M10 X 17 Hex. Flanged Screw	4

Wheel Bearing Seal Kit (P/N 715010157)



ITEM	DESCRIPTION	QTY
S41	Wheel Bearing Seal	10

Wear Ring Kit (P/N 715010159)



ITEM	DESCRIPTION	QTY
S43a	Wear Ring	1
S43b	Seal	1
S43c	M12 Flat Washer	1
S43d	M12 X 30 Hex. Flanged Screw	1

Maintenance Schedule

About this task

Maintenance is very important for keeping your Apache XC 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

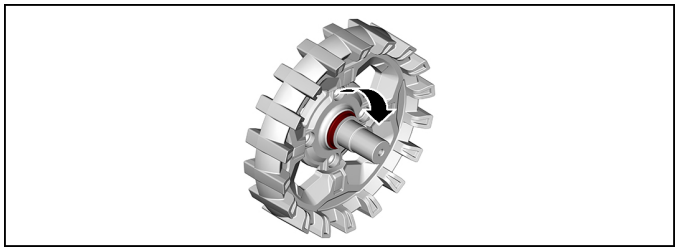
WARNING

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

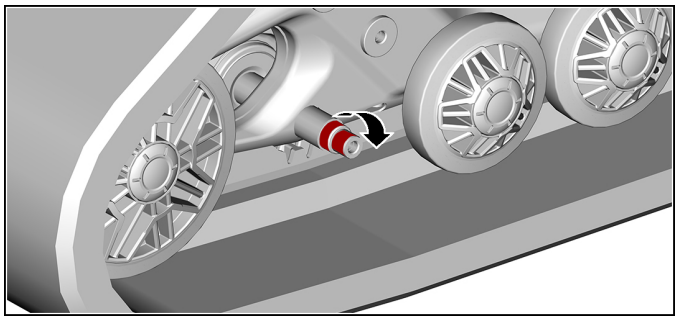
Main Axle Wear Ring must be greased using BRP Grease #9779163 (1.5 cc = 0.05 oz).



Maintenance - Wheel Shaft

About this task

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



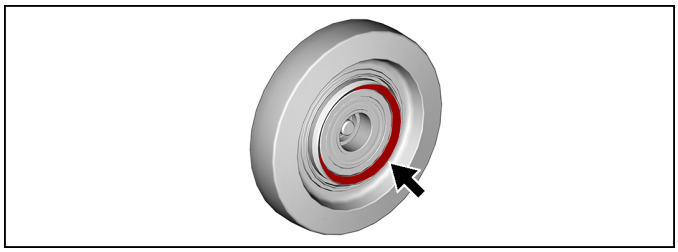
Maintenance - Wheel Seal

About this task

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

NOTICE

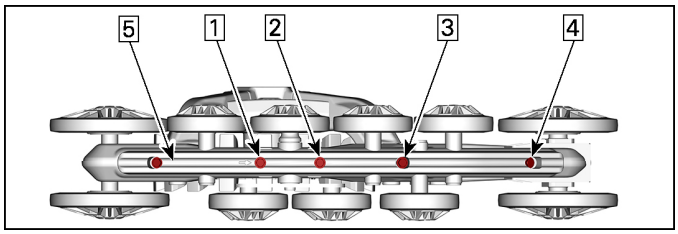
No grease allowed on inner diameter of the seal.



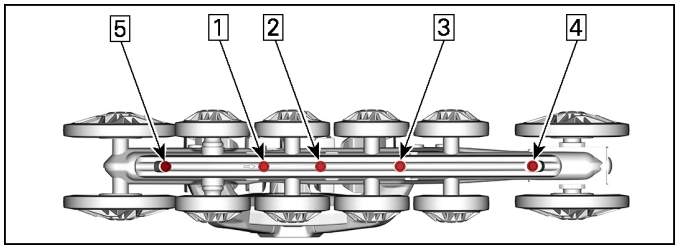
Front and Rear Slides Tightening Torque Sequence

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

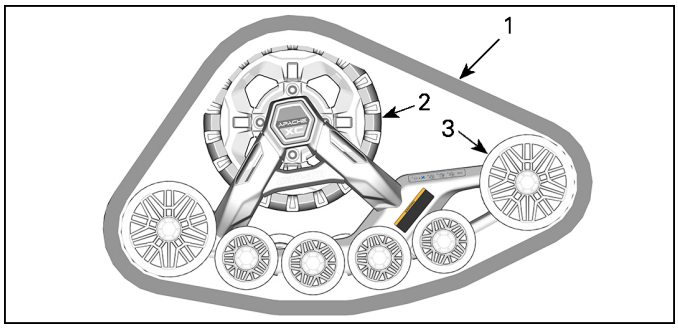
A belt tension tester (*P/N 414348200*) is used to measure deflection as well as force applied.



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.

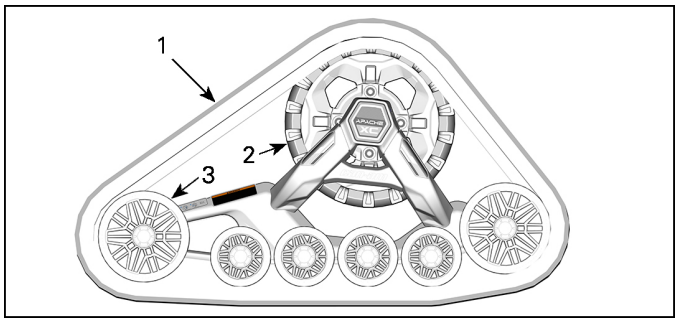


TYPICAL FRONT RH SIDE

1. *Straight edge location*

2. *Sprocket*

3. *Front idler wheel*



TYPICAL REAR RH SIDE

1. *Straight edge location*

2. *Sprocket*

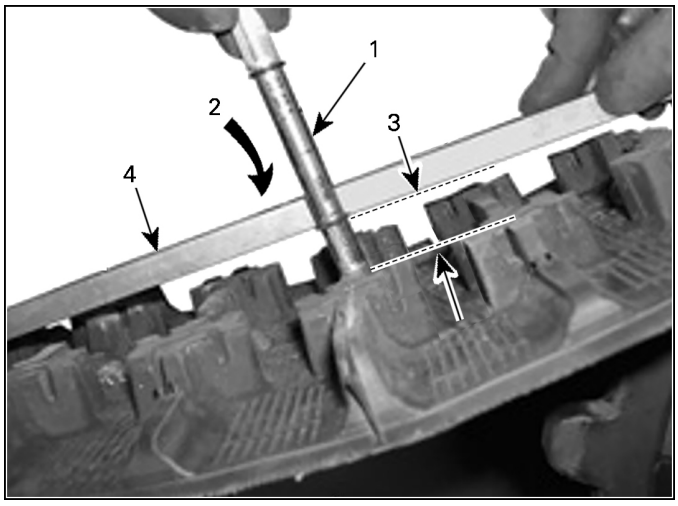
3. *Front idler wheel*

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	11 ± 1 kgf (24 ± 2 lbf)	19 ± 2 mm (3/4 ± 1/16 in)
REAR	11 ± 1 kgf (24 ± 2 lbf)	19 ± 2 mm (3/4 ± 1/16 in)

NOTICE

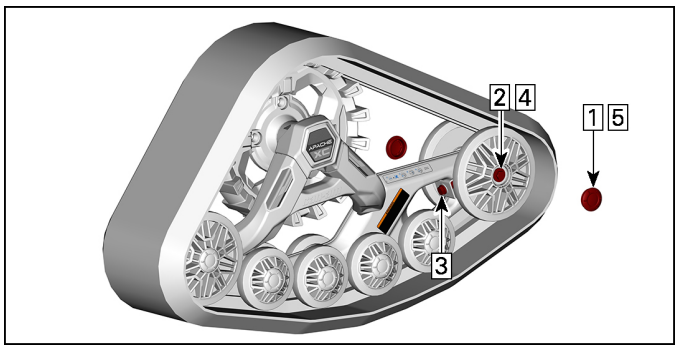
Vehicle must be on the ground without weight on it (empty cargo and no passenger).

Note

Procedure is the same for all tracks.

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

Adjust tension by turning the adjuster screw clockwise to increase tension OR counterclockwise to decrease tension then 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.*

Verify tension to make sure adjustments are as per specification.

SAFETY LABELS

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.**

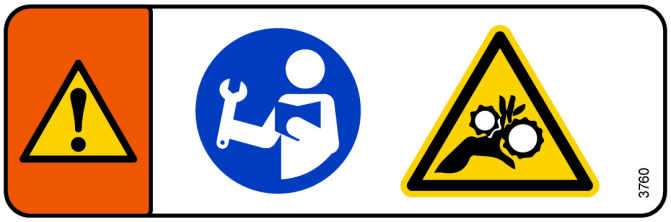


708003759 (Already installed on track frames)

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.



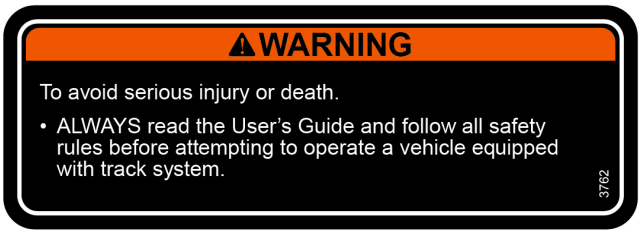
708003760 (To be installed as per Market Regulation)

DELIVERY KIT WARNING LABELS (NOT INSTALLED)

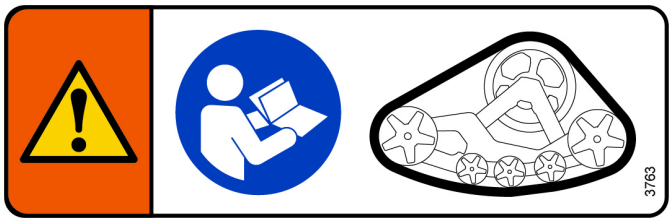
Vehicle warning labels must be installed on the vehicle itself.

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

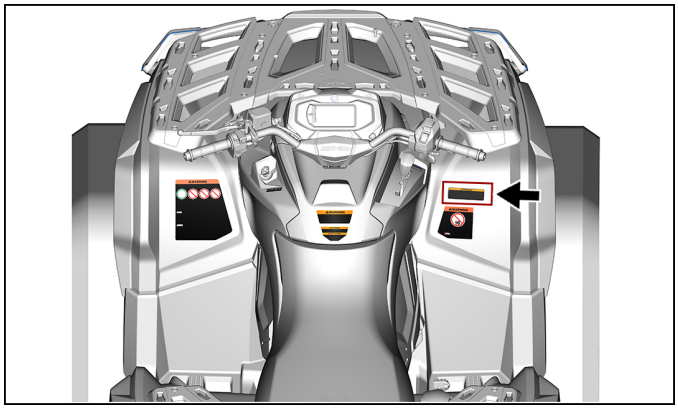
Clean surface using isopropyl alcohol and dry thoroughly before installing the label.



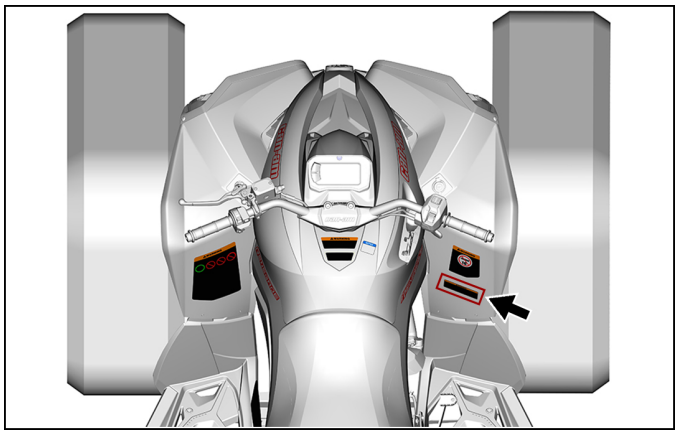
708003762 (To be installed on vehicle)



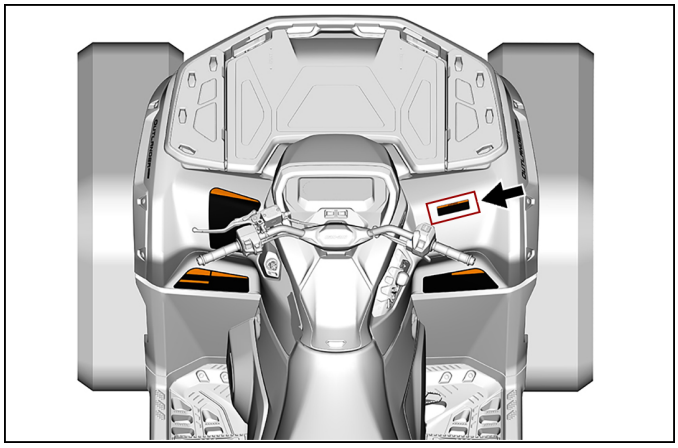
708003763 (To be installed as per Market Regulation)



TYPICAL – WARNING LABEL LOCATION FOR ATV G2 Series



TYPICAL – WARNING LABEL LOCATION FOR ATV G2S Series



TYPICAL – WARNING LABEL LOCATION FOR ATV G3 Series