

1 IDENTIFICATION

PRODUCT	DESCRIPTION	REV
RSX	ROLLERSKI X	A

2 WARNING

WARNING



FOR YOUR SAFETY, MAKE SURE YOU HAVE READ ALL DOCUMENTATION ACCOMPANYING THIS PRODUCT BEFORE USE.



IT IS NOT RECOMMENDED TO INSTALL A ROLLERSKI ON A SKI MODEL FOR WHICH IT IS NOT SPECIFICALLY INTENDED.



IMPROPER INSTALLATION MAY RESULT IN RISKS TO THE USER AND/OR DAMAGE TO THE SNOWMOBILE.



CONSULT THE OWNER'S MANUAL FOR REMOVAL OF PANELS AND OTHER PARTS



IF USING A LIFTING SYSTEM, PAY CLOSE ATTENTION TO WHERE THE VEHICLE IS LIFTED. THERE IS A RISK OF CRUSHING UNDER IMPROPERLY POSITIONED LIFTING EQUIPMENT. NEVER PLACE ANY PART OF YOUR BODY UNDER A VEHICLE THAT HAS NOT BEEN PROPERLY INSTALLED AND SECURED.

CAUTION



USE CAUTION AT ALL TIMES. THE WHEEL'S RETURN MECHANISM IS BOTH POWERFUL AND VERY FAST.

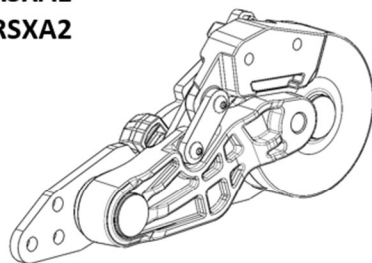
SAFETY INSTRUCTION



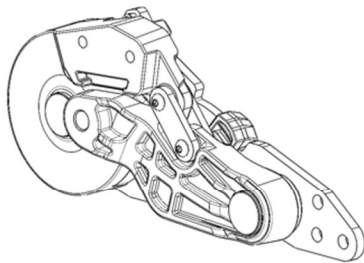
THE ROLLER SKI HAS DEMONSTRATED SAFE USE AT **SPEEDS BELOW 20KM/H OR 12MILES/H.**

3 COMPONENTS

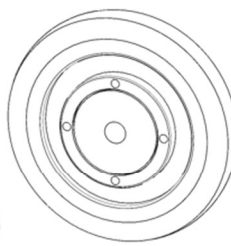
RSXA1 RSXA2



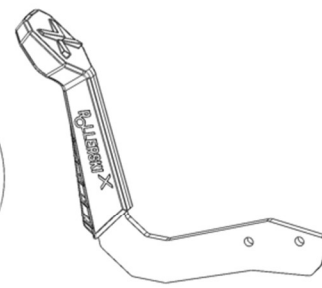
[P1]
1X



[P2]
1X



[P3]
2X



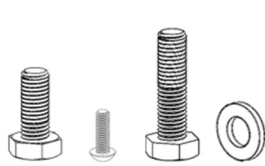
[P4]
2X

K13-1001



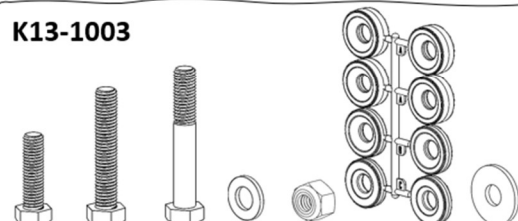
[P5] 2X [P6] 2X [P7] 2X [P8] 2X [P9] 2X [P10] 2X

K13-1002



[P11] 2X [P12] 2X [P13] 2X [P14] 2X

K13-1003



[P15] 4X [P16] 2X [P17] 2X [P18] 2X [P19] 4X [P20] 1X [P21] 2X

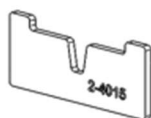
ADAPTATION KIT



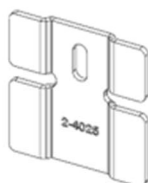
[P22]



[P23]



[P24]



[P25]



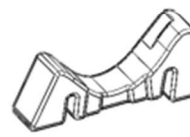
[P26]



[P27]



[P28]



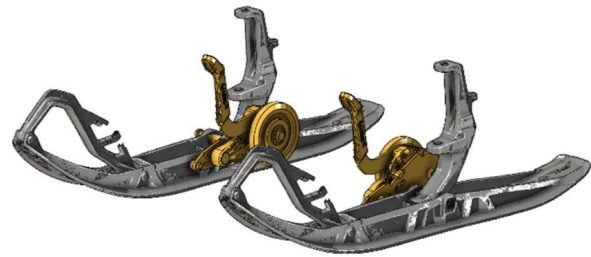
[P29]

	[P22]	[P23]	[P24]	[P25]	[P26]	[P27]	[P28]	[P29]
RSXB11	2	2	2	-	-	-	-	-
RSXB12			-	-	-	-	1	1
RSXB13			-	-	1	1	-	-
RSXB14			2	-	-	-	-	-
RSXB15			-	2	-	-	-	-
RSXB16			2	-	-	-	-	-
RSXB17			2	-	-	-	-	-
RSXB18			2	-	-	-	-	-
RSXB19			-	-	-	-	-	-
RSXB20			-	-	-	-	-	-
RSXB21			-	-	-	-	-	-
RSXB22			-	-	1	1	-	-

4 INSTALLATION

Note: Unless there are differences between left and right sides, procedures are illustrated on one side only. Repeat on the other side. Left and right are defined when seated on the vehicle.

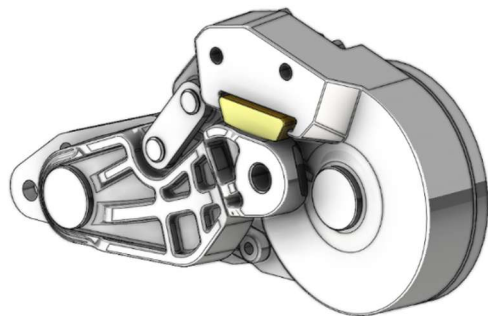
4.1 Positioning: Rollerskis must be mounted on the inside of the skis.



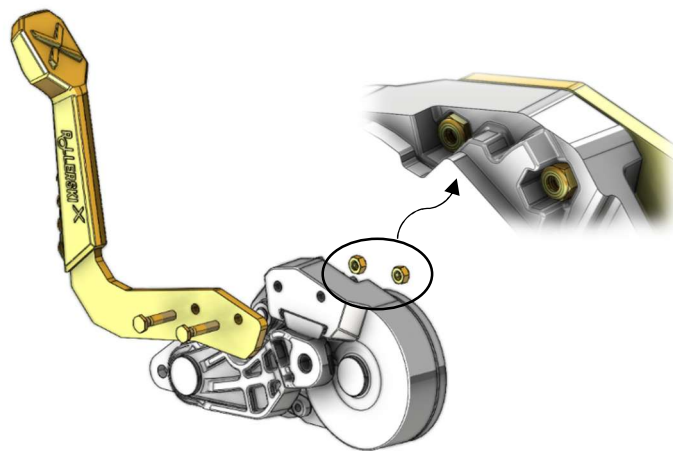
4.2 Pre-assembly of the Rollerski

To simplify, steps common to each Rollerski model are not repeated.

4.2.1 Insert the end-of-travel shock absorber [P7] into its housing on the Rollerski [P1].



4.2.2 Insert the two shear bolts [P5] and the two self-locking nuts [P6] on the activation arm. Tighten to the specified torque.

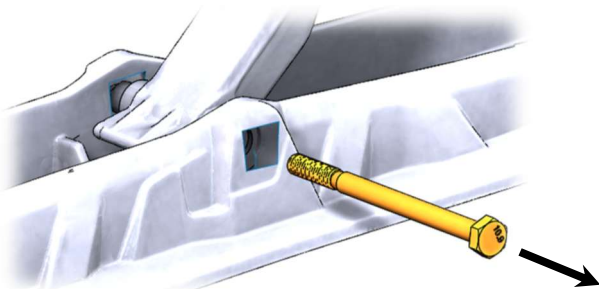


TIGHTENING TORQUE	lb·po	lb·pi	N·m
Fuse bolt M6 [P5]	89 ± 18	7 ± 2	10 ± 2

4.3 Vehicule preparation

4.3.1 Use a lifting system to raise the skis off the ground.

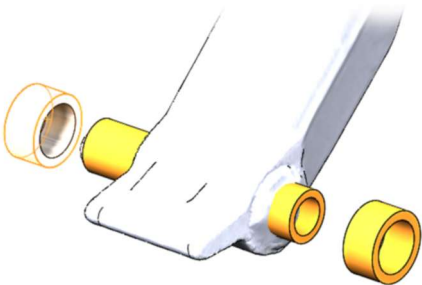
4.3.2 Remove the original bolt and set aside. Note: the ski shown is for illustration only and may differ by model.



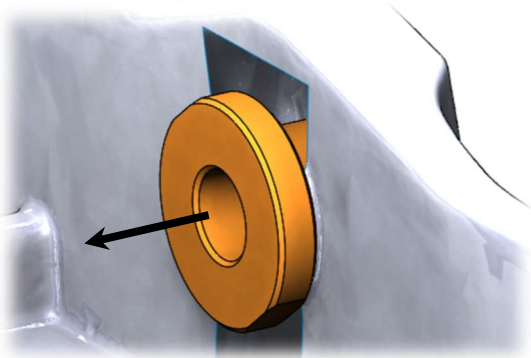
4.3.3 Remove the ski axle from the spindle and the original spacers. Set the original spacers aside.

⚠ WARNING – CAUTION

Note the position of the various components for reassembly



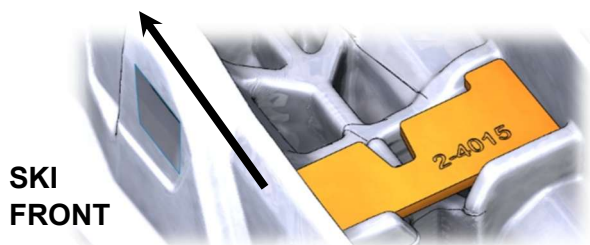
4.3.4 Using a mallet and an appropriately sized socket, remove the bushing from the inner side of the ski.



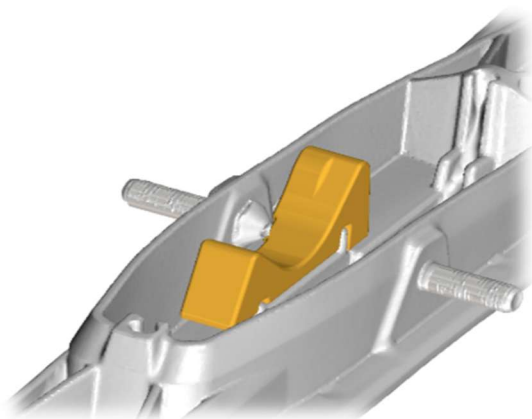
4.3.5 Install the shims adapted to your ski under the bushing (see Appendix 6.1).

⚠ WARNING – CAUTION

Shim [P24] goes under the rear half of the bushing, toward the ski heel.



4.3.6 PILOT TX only : Before reinstalling the skis on the snowmobile, install the ski rubber [P28] on the outer side of the ski. Keep the original rubber on the inner side.

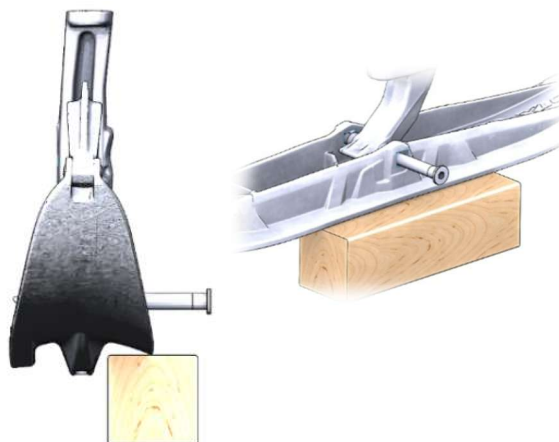


4.4 Installation of the main shaft

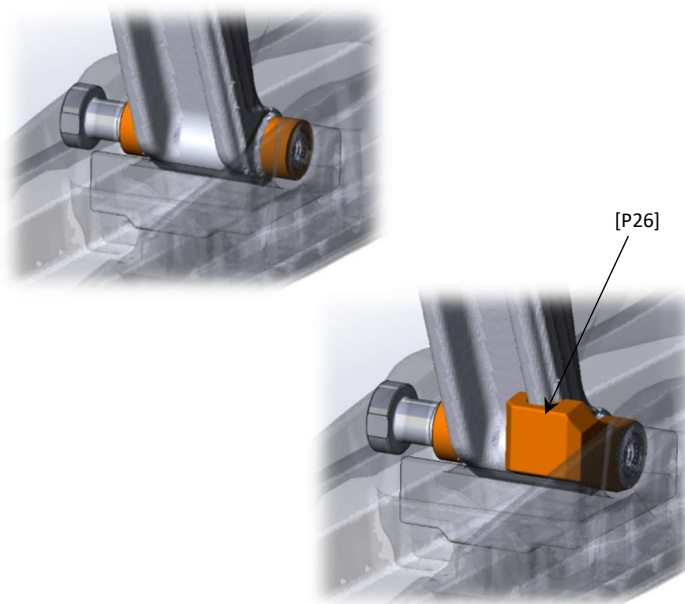
4.4.1 Before installing the ski on the snowmobile, reinstall the ski bushing in its original position and insert the main shaft [P22] into the ski from the inside. Insert the ski spindle spacer [P23]. Do not push the shaft further than the thickness of spacer [P23].



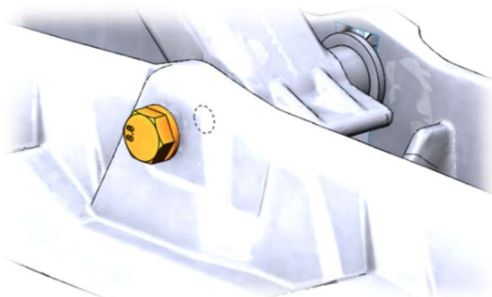
4.4.2 To facilitate installation of the shaft into the spindle, preload the ski bushing. Rest the inner side of the ski on a wood block. During insertion, vary the load on the ski to help align the components.



4.4.3 Insert the shaft fully, positioning the original spacers or [P26] (see Appendix 6.1) according to the position noted earlier. Note: [P26] is installed on the outer side of the ski.



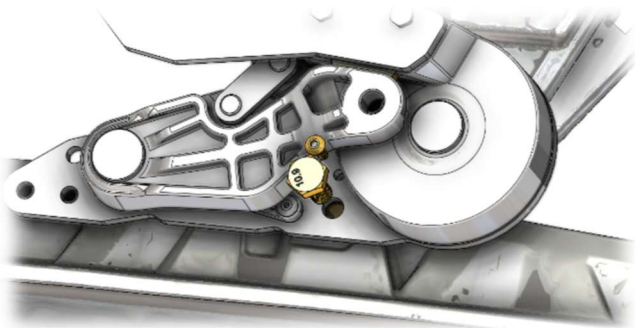
4.4.4 Install bolt [P13] and washer [P14] on the other end of the axle (outer side). Tighten to the specified torque.



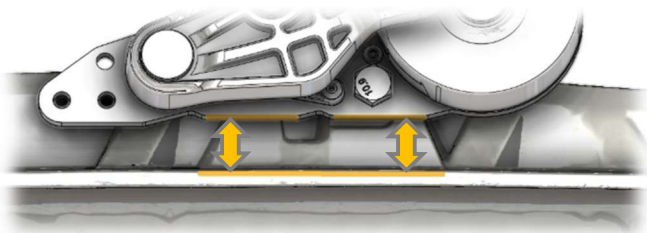
TIGHTENING TORQUE	lb-po	lb-pi	N-m
Secondary screw M10 X 40mm [P13]	540 ± 108	45 ± 9	61 ± 12

4.5 Installation of the Rollerski

4.5.1 Using bolt [P11], secure the Rollerski [P1] to the main shaft [P22]. Where indicated, insert auxiliary bolt [P12] into the main shaft. Hand-tighten only at this stage (see Appendix 6.2).



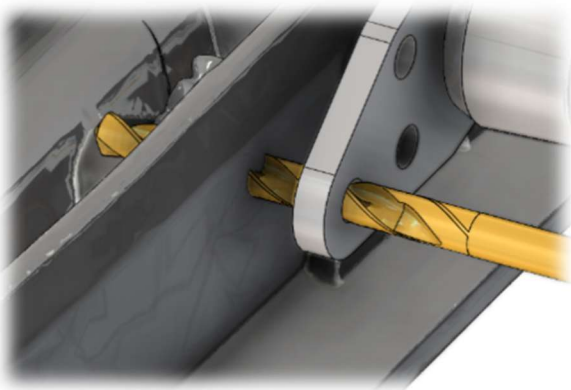
4.5.2 Ensure the base of the Rollerski [P1] is parallel to the ski edge. Note: unlike earlier generations, the base does not contact the ski.



4.5.3 Using a 5/16 in drill bit, drill the ski according to the mounting hole shown in the table below. Drill only the first rib on the Rollerski side (see Appendix 6.3).

⚠ WARNING – CAUTION

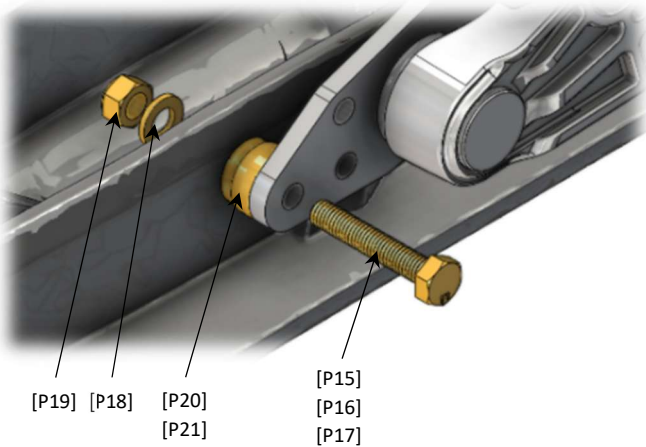
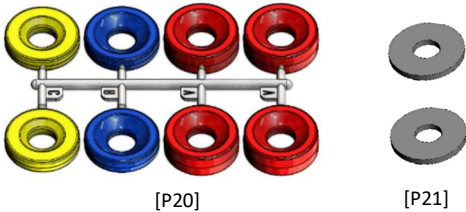
Ensure the Rollerski remains parallel to the ski before drilling



4.5.4 Insert spacers [P20] and [P21], washer [P18], nut [P19] and mounting bolt [P15], [P16] or [P17] according to Appendix 6.3. Tighten to the specified torque.

⚠ WARNING – CAUTION

Respect spacer sequence and positioning; incorrect installation will cause major interference .



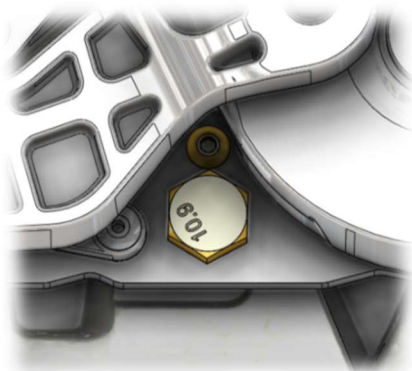
TIGHTENING TORQUE	lb·po	lb·pi	N·m
Self locking nuts M8 [P19]	89 ± 18	7 ± 2	10 ± 2

4.5.5 Safety bolt According to Appendix 6.4, install bolt [P15] and nut [P19] into the Rollerski plate. Tighten to specified torque.



TIGHTENING TORQUE	lb·po	lb·pi	N·m
Self locking nuts M8 [P19]	89 ± 18	7 ± 2	10 ± 2

4.5.5.1 Tighten bolts [P11] and [P12] to the specified torque.

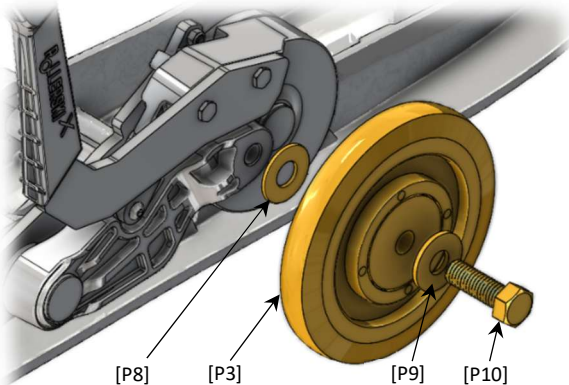


TIGHTENING TORQUE	lb-po	lb-pi	N-m
Main screw M10 X 25mm [P11]	540 ± 108	45 ± 9	61 ± 12
Additional screw M5 X 15mm [P12]	35 ± 7	3,0 ± 0,6	4,0 ± 1

4.6 Install, in order, thin washer [P8], wheel [P3], thick washer [P9] using bolt [P10]. Tighten to specified torque

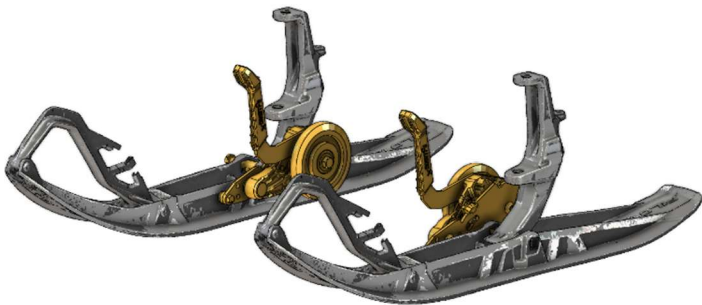
⚠ WARNING – CAUTION

The side marked QUALIPIECES – ROLLERSKI must face outward .



TIGHTENING TORQUE	lb-po	lb-pi	N-m
Screw ½" X 1 5/8 " [P10]	360 ± 72	30 ± 6	40 ± 10

4.7 Repeat the same steps on the left side.



4.8 END

5 LIMITED WARRANTY

Thank you for purchasing a Qualipieces product, designed with proven quality, durability, and reliability. This warranty demonstrates our desire to ensure the complete satisfaction of our customers. If you wish to talk to a Qualipieces representative, you will find the contact at www.qualipieces.com.

BENEFICIARY: This limited warranty is valid only for the original purchaser or the person receiving the product as a gift and may not be extended or transferred to any other person.

USE OF THE PRODUCT: The ROLLERSKI is designed to ensure safe travel on an original snowmobile on surfaces with little snow, hard and regular (holes, speed bumps, or frost boils or other major irregularities). The ROLLERSKI has demonstrated safe use at speeds below 20km/h or 12miles/h; any other use will be considered abusive in a context of misuse.

PURPOSE AND DURATION OF THE LIMITED WARRANTY OF ONE (1) YEAR: Qualipieces guarantees the product is free from any defect in materials and workmanship during the limited warranty period of one (1) year under normal conditions of use. The limited warranty period begins on the day of purchase. The transaction record is your proof of date of purchase.

EXCLUSION OF THIS WARRANTY: This warranty does not cover normal wear and tear, defects or damage attributable to non-recommended use, lack of and/or improper maintenance, failure to follow installation instructions, improper accident, alteration or modification of the product, as well as loss of the product.

WARRANTY REGISTRATION: Failure to register the product does not affect your rights under the limited warranty. Without the original proof of purchase, Qualipieces reserves the right to void this warranty.

OUR COMMITMENT: Qualipieces may, at its discretion, choose to correct the defect in one of the following ways: (A) replace the product with an equivalent new or refurbished product or (B) offer a partial or total refund of the original purchase price in exchange for the return of the product. Execution of warranty can only be obtained from authorized Qualipieces retailers and at Qualipieces, at its discretion.

RELATED COSTS: In the context of a repair under warranty on the premises of an authorized retailer, this warranty is limited to the cost of replacing parts. At no time does this warranty cover installation or general mechanical costs. In the case of a repair at a retailer, prior authorization from Qualipieces will be required before initiating the repair. In the event that the repair under warranty is carried out at the manufacturer, this warranty is limited to the cost of replacement parts.

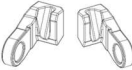
EXCLUDED FEES: The warranty does not cover payment of shipping charges, insurance, and any taxes, import duties, or other charges. **It does not cover damage to the vehicle that may have been caused by the use of the product.**

OTHER CONDITIONS: THE TERMS OF THIS LIMITED WARRANTY ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, WRITTEN OR VERBAL, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ASIO EVO'S MAXIMUM LIABILITY SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID BY THE CONSUMER FOR THE PRODUCT. IN NO EVENT SHALL ASIO EVO BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHATEVER THE CAUSE, INCLUDING, WITHOUT LIMITATION, THE REPLACEMENT OF GOODS AND ANY INHERENT COSTS. This warranty is void if the serial number label is removed or defaced. **OTHER RIGHTS:** This limited warranty gives you specific legal rights, and you also may have other rights that vary depending on the country or region where you live. Since some places do not allow the limitation on implied warranty or the exclusion or limitation of incidental or consequential damages, the above limitations or exclusions may not apply to you.

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6. ANNEXES

6.1. Ski pad wedges

MANUFACTURER	SKIDOO								LYNX		POLARIS		YAMAHA
MODEL	PILOT X & RAS RX	PILOT RX & RAS RX	PILOT X	PILOT TX	DS 2	PILOT 7,4	DS 3	PILOT 5,7SL	BLADE XC+	DS+	PROSTEER	TRAIL BREAKER	STRYKE
	-		[P24]	-	[P24]	-		[P24]			-		
			-			[P25]				-			
	[P26] [P27]							-					
	-			[P28] [P29]					-				

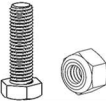
6.2. Additional screw

MANUFACTURER	SKIDOO								LYNX		POLARIS		YAMAHA
MODEL	PILOT X & RAS RX	PILOT RX & RAS RX	PILOT X	PILOT TX	DS 2	PILOT 7,4	DS 3	PILOT 5,7SL	BLADE XC+	DS+	PROSTEER	TRAIL BREAKER	STRYKE
	-						[P12]			-			

6.3. Position of the fixing hole and spacers

MANUFACTURER	SKIDOO								LYNX		POLARIS		YAMAHA
MODEL	PILOT X & RAS RX	PILOT RX & RAS RX	PILOT X	PILOT TX	DS 2	PILOT 7,4	DS 3	PILOT 5,7SL	BLADE XC+	DS+	PROSTEER	TRAIL BREAKER	STRYKE
SECOND POSITION ATTACHMENT POINT													
SPACERS ORDER	 C - A	 C - B	 C - A	 C - A	 A - A	 C - B - A	 C - B - A - A + [P21]	 C - B - A - A	 C - B - A	 C - B - A - A	 B	 B	-
FIXATION SCREW	[P16] M8 X 45						[P17] M8 X 55		[P16] M8 X 45	[P17] M8 X 55	[P15] M8 X 30		

6.4. Safety screw

MANUFACTURER	SKIDOO								LYNX		POLARIS		YAMAHA
MODEL	PILOT X & RAS RX	PILOT RX & RAS RX	PILOT X	PILOT TX	DS 2	PILOT 7,4	DS 3	PILOT 5,7SL	BLADE XC+	DS+	PROSTEER	TRAIL BREAKER	STRYKE
	-						[P15] [P19]		-		[P15] [P19]		-
MOUNTING HOLEE SAFETY SCREW	-								-				-