

INSTALLATION INSTRUCTIONS

ARCTIC CAT PROWLER PRO - PROTECTOR

UTV TRACKER OFFROAD - 800 SX(LE) - PROTECTOR



Hard Cabs,

PROWLER PRO

SAFETY INSTRUCTIONS

Warning: Failure to heed all safety and operating instructions and warnings regarding use of this product can result in serious bodily injury.

READ PROPERLY COMPLETE ASSEMBLY INSTRUCTIONS BEFORE STARTING OF ASSEMBLY

Install all parts indicated in assembly instructions. Failure to fully assemble product before use could result in personal injury.

Assembly of product requires use of hand or power tools. If you are not experienced in using these types of tools, have product dealer do the install for you.

Some parts contain sharp edges, wear protective gloves if necessary.

Always keep your assembly area clean, uncluttered and well lit.

Keep visitors and children a safe distance away from the assembly area. Visitors should wear the same safety equipment described under.

Never operate your UTV with the cab doors open. Failure to properly latch the doors before moving the vehicle could result in serious injury.

Dress for safety. DO NOT wear loose clothing, gloves, neckties or jewelry if using power tools to assemble this product.

Insert all nut covers after you finish installation.

Never drive your UTV with the cab front window in open position. Failure of improperly latched/locked front window before driving the vehicle could result in serious injury.

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MAINTENANCE AND CLEANING

To clean polycarbonate surface use soapy water solution or other subtle means.

Dirt and dust wash by gently water stream and swipe only with wet or damp means in the direction from top to bottom.

The recommended frequency of cleaning of polycarbonate part is about 1 time per month or according to the actual degree of pollution.

Do not use detergents that could scratch the surface plates. (abrasives, harsh fabrics, etc.)

Do not use solvents or alkaline detergents or cleaners with ammonia (ammonium hydroxide).

Do not remove the impurities from the surface of the razor blades or other sharp items.

Do not clean cabin, when the polycarbonate plates are heated by the sun.

Do not use the squeegee, it could be scratched surface plates.

Do not clean the water current strength greater than 50 bar (WAP)

The manufacturer is not responsible for scratching the surface in case of failure to comply with the above instructions.

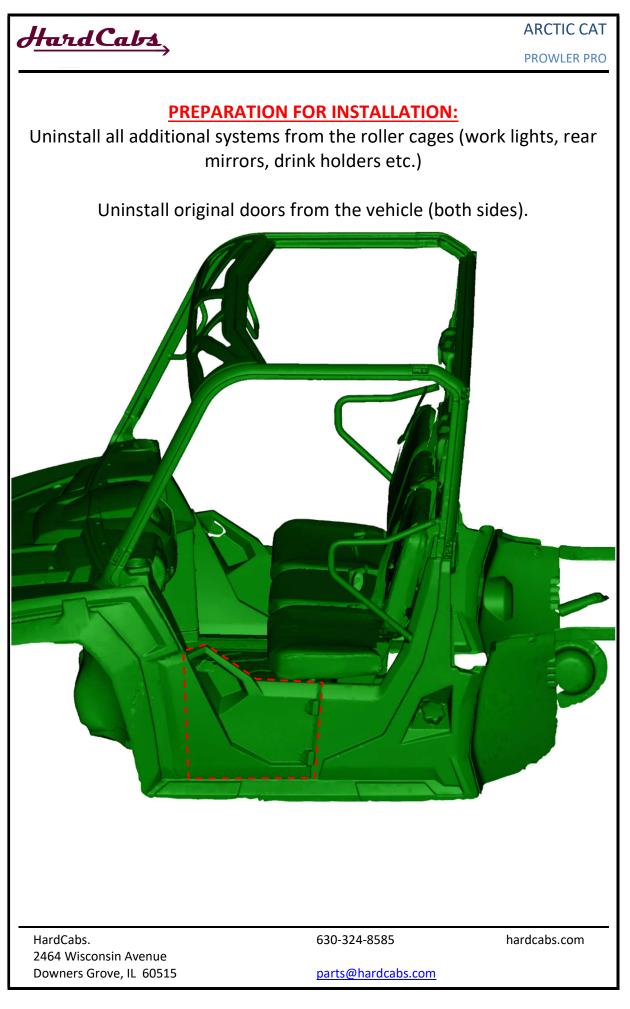
All bolted connections of cab must be by user at regular intervals checked and tightened.

Please by carefull to not broken the plastic washers, if you tightening screws with plastic washers use maximal power 3,7 foot-pound force (5Nm)!!!

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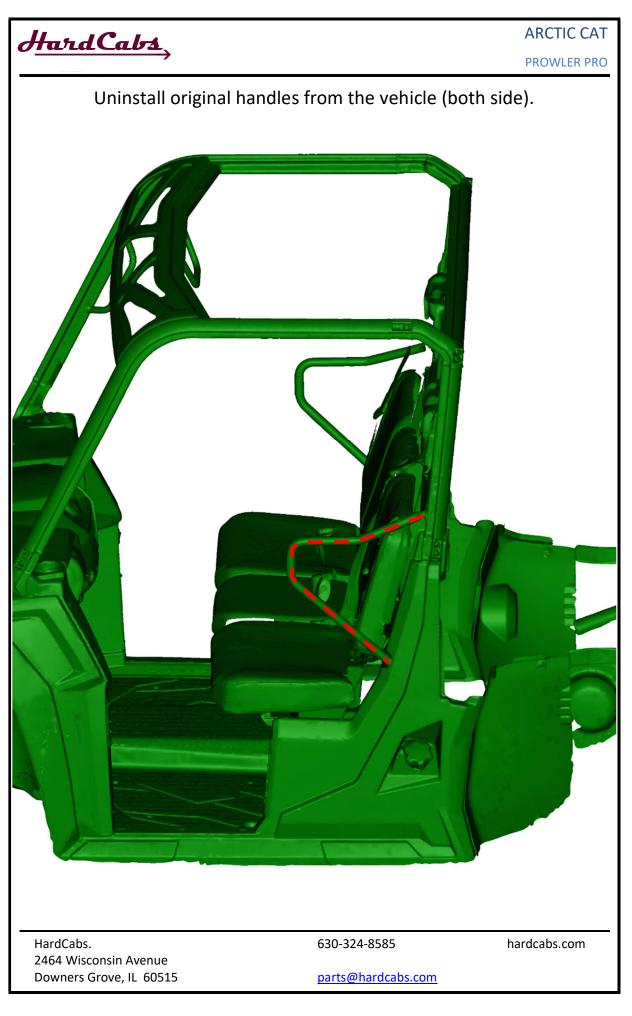
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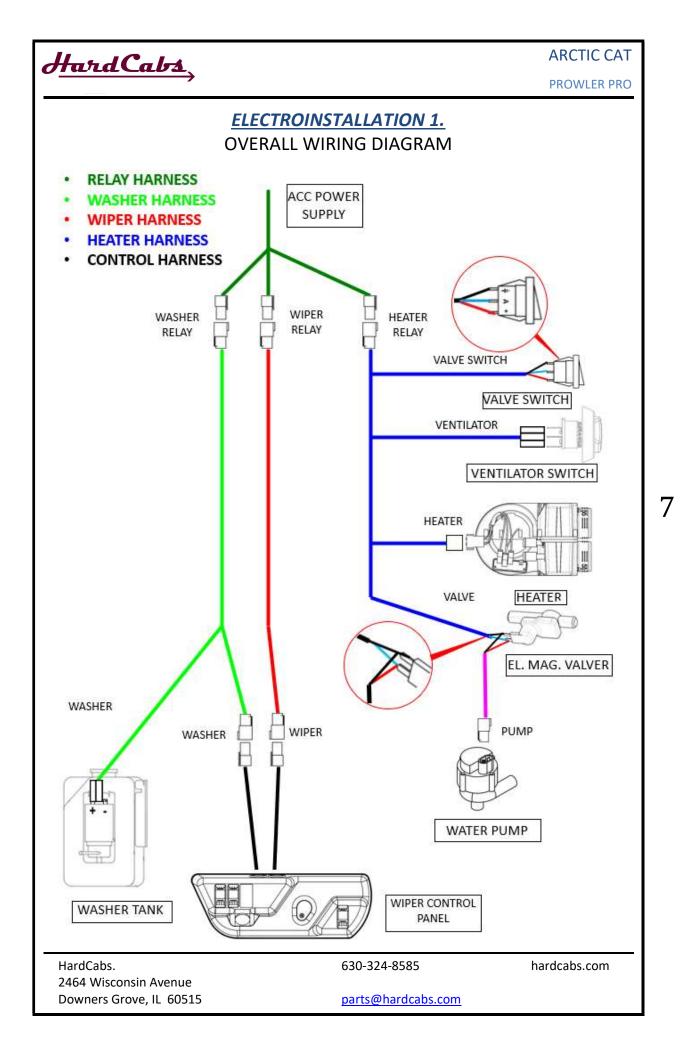


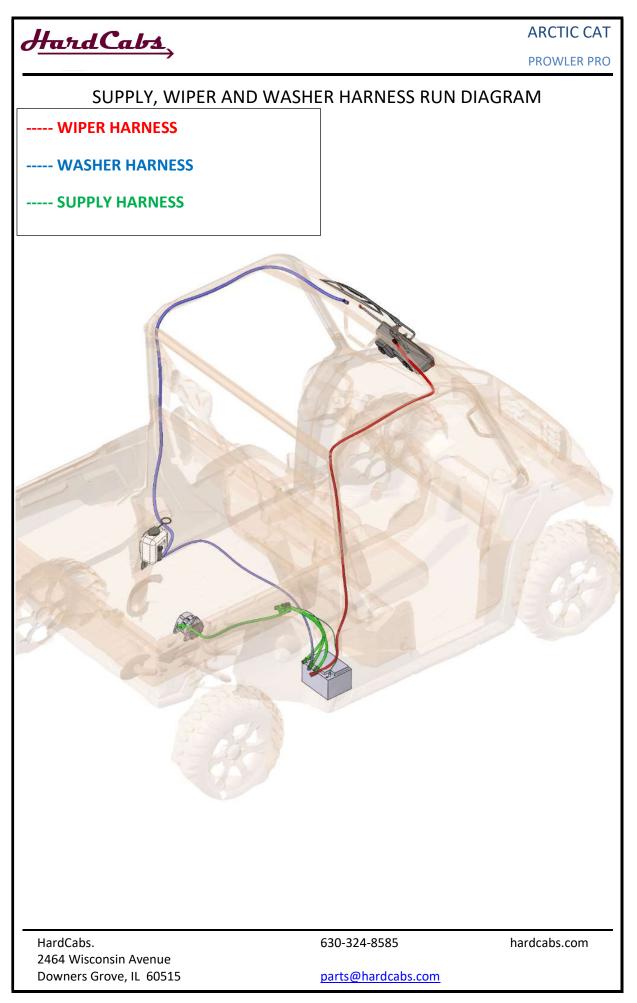


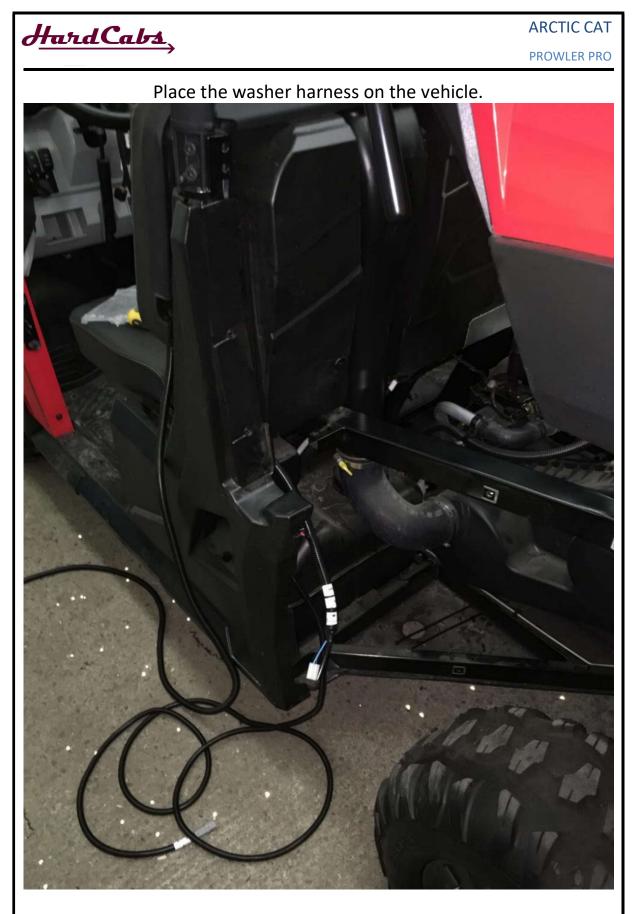
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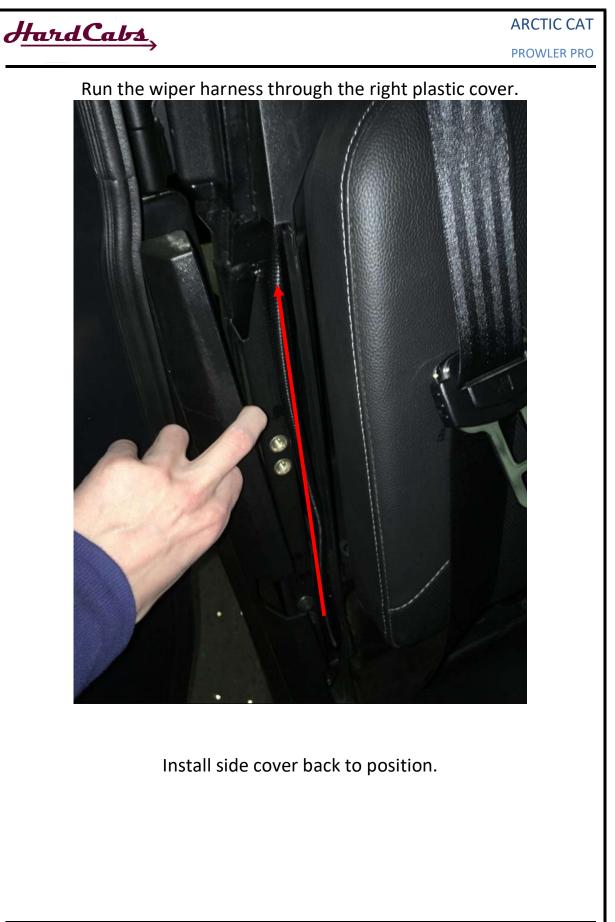




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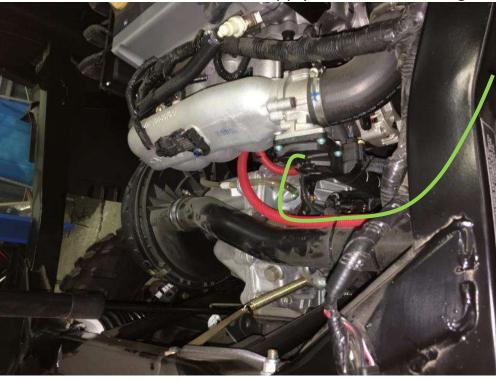


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Place the supply harness into the vehicle right front engine space.



Run the ACC harness brunch from the supply harness to the engine space.



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Install the pin from new harness into the same position as the removed pIn from previous step.



Connect the supply harness with the original harness.



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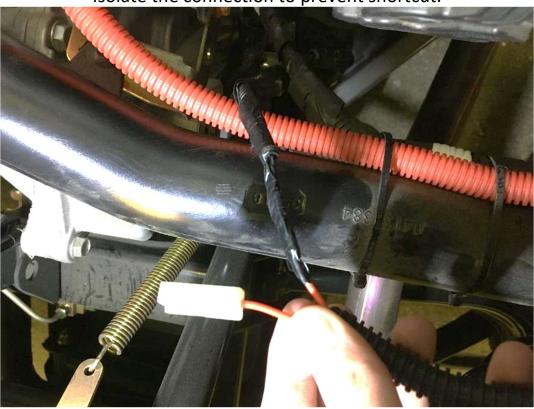
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Isolate the connection to prevent shortcut.



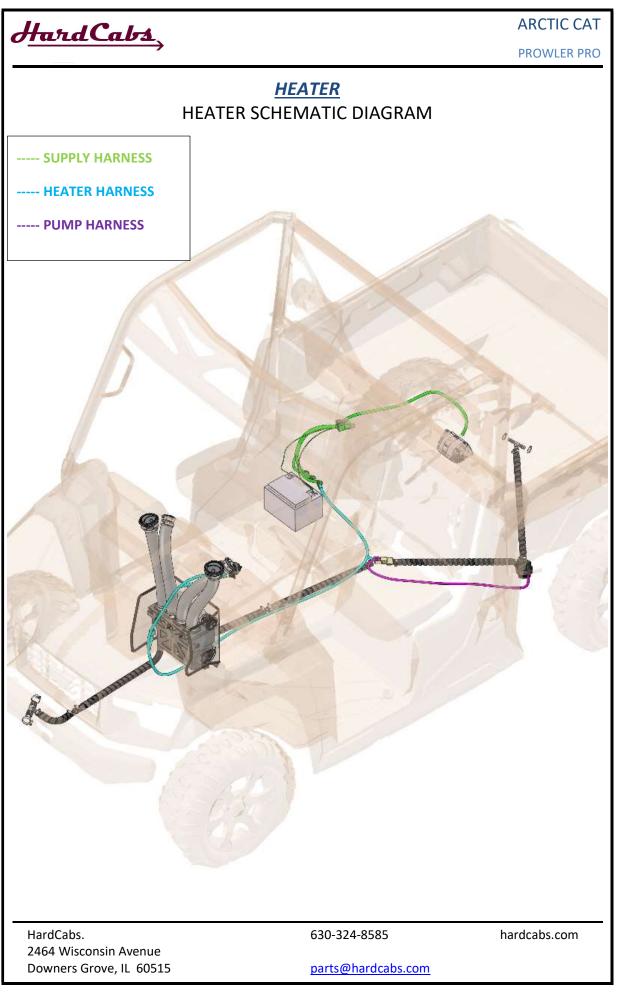
Connect the supply harness with the battery. Red wire with +12V, black wire with -12V.



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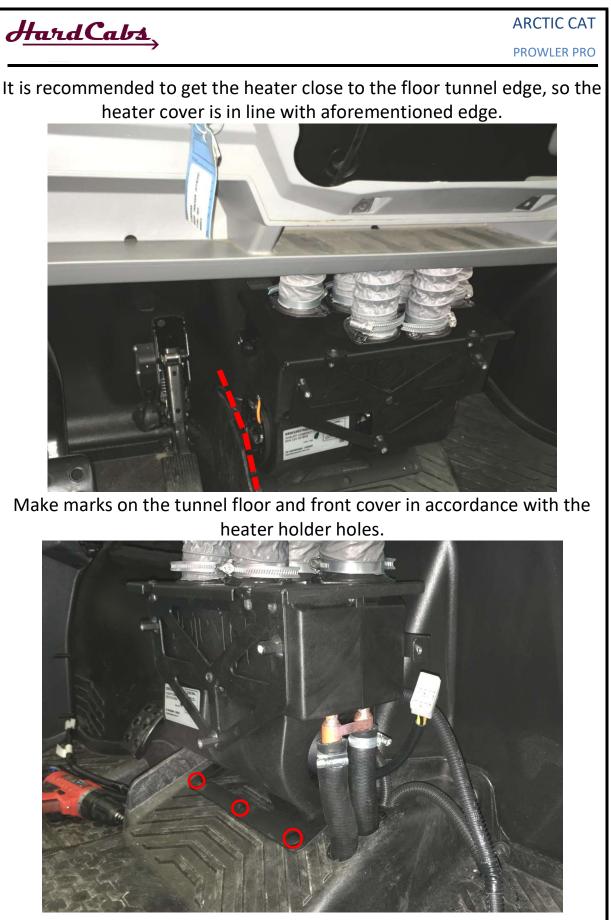


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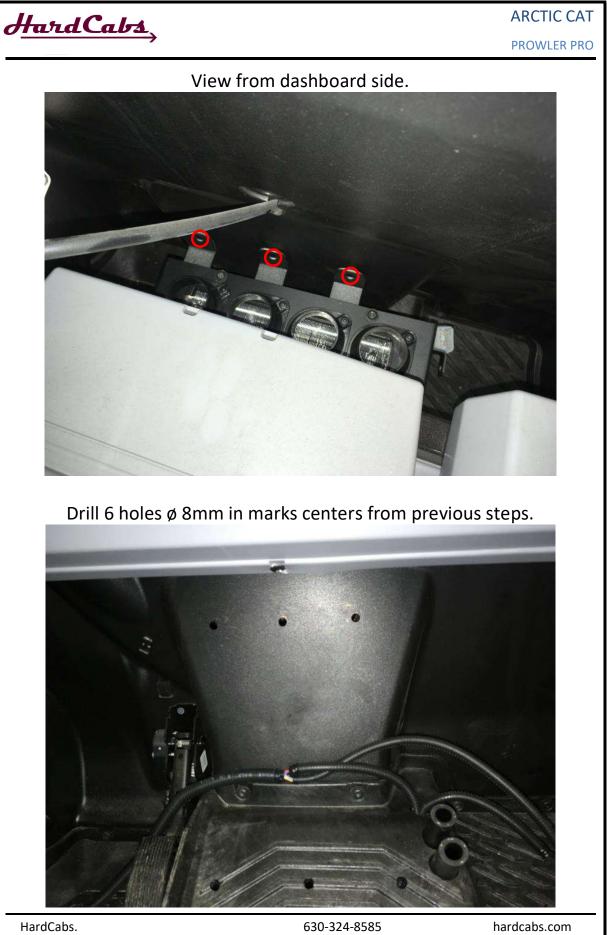
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Run the output heater hose with the air bleeding valve from the front cooler to the heater position.



VIEW FROM UPPER SIDE



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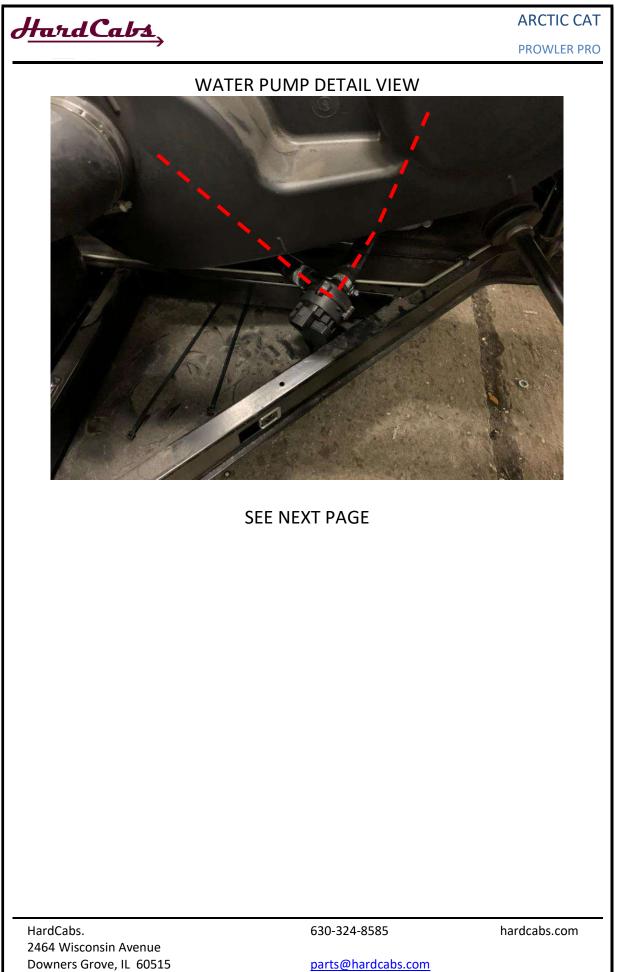
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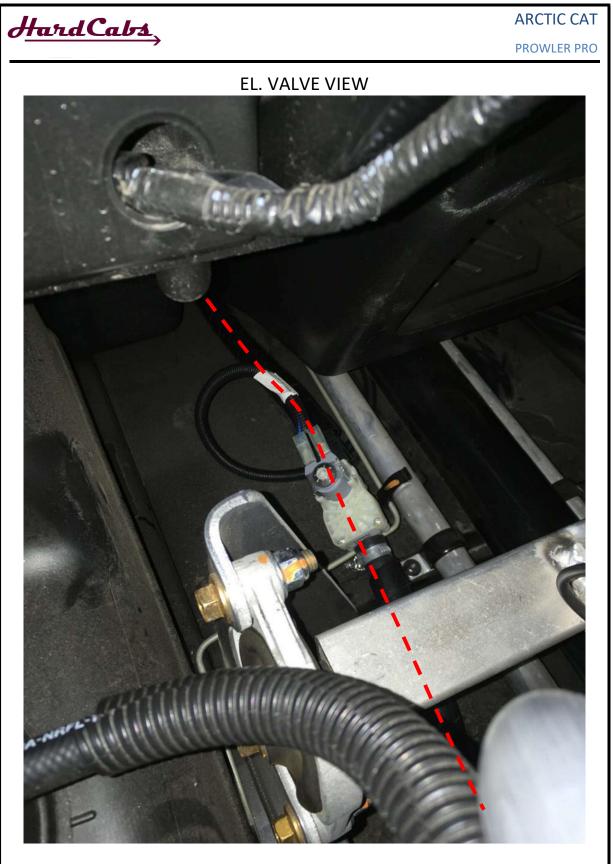
ARCTIC CAT Hard Cabs PROWLER PRO Run the input heater hose (with el. Valve and water pump) from the rear engine space position to the heater through the central floor tunel. HEATER HOSE END WITH HEATER "Y TUBE" VIEW

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Place the heater harness into the vehicle. Run the heater harness branch "el. Valve" and branch "supply" throught the hole.



Run the heater harness from the heater to the supply harness. Connect the heater harness with the supply harness.



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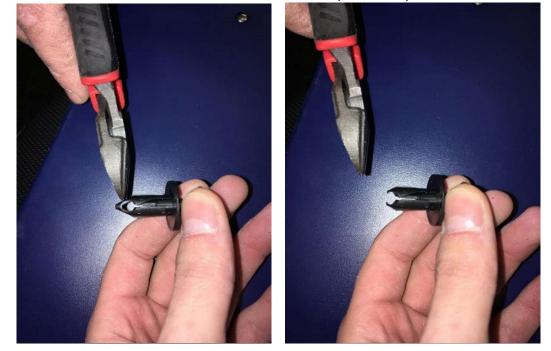
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Run the heater hoses through the holes and connect the heater hoses with the heater. Secure heater hoses by included tightening straps.



It is recommended to cut out the tip of the plastic rivet.



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Fix the heater holder with the vehicle by included plastic rivets.



SEE NEXT PAGE

CAUTION

DO NOT MANIPULATE WITH ENGINE OR WITH ENGINE COOLING SYSTEM IF THAT PARTS OF MACHINE IS HOT! WHEN ENGINE IS HOT, ANY MANIPULATION CAN RESULT IN SERIOUS BODY INJURY!

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FRONT COOLER SPACE VIEW

Secure the engine cooling hose by clamps or pliers. Cut the cooling holse between the clamps. Insert the "Y tube" into the cooling hose. Secure the hoses with the coupling by included tightening straps.

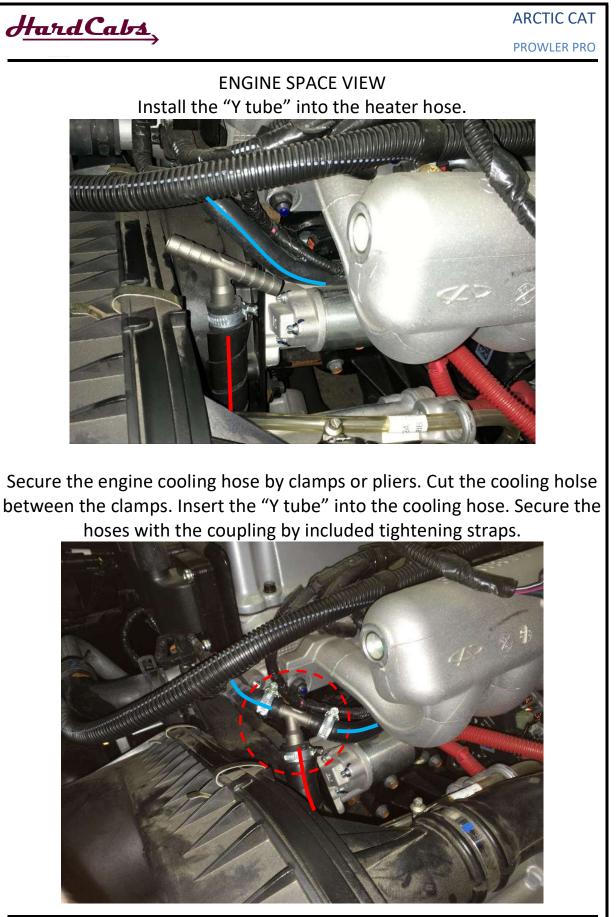


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View from bottom side.



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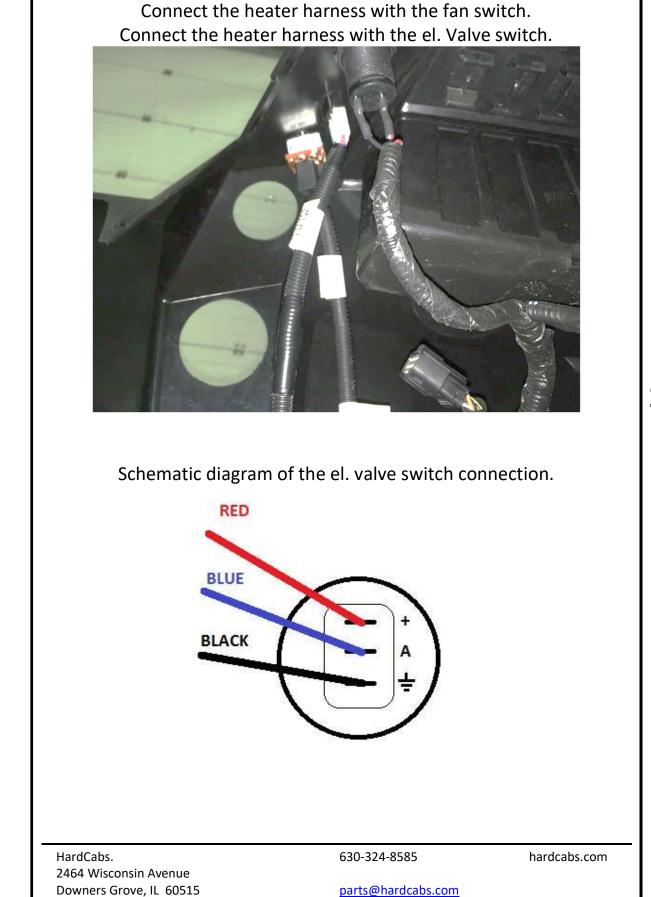
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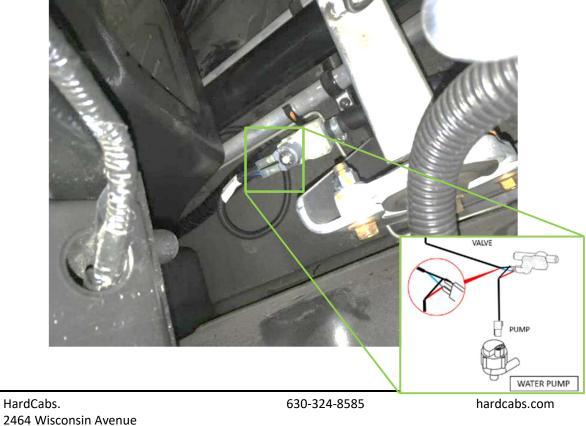
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Connect the pump harness with the el. Valve. Connect the heater harness with the pump harness.



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Connect the pump harness with the water pump.



Install the dashboard cover back to position. Run the air hose through the holes. Install the air vents onto the air hoses and secure the air vents with the hoses by included tightening straps.



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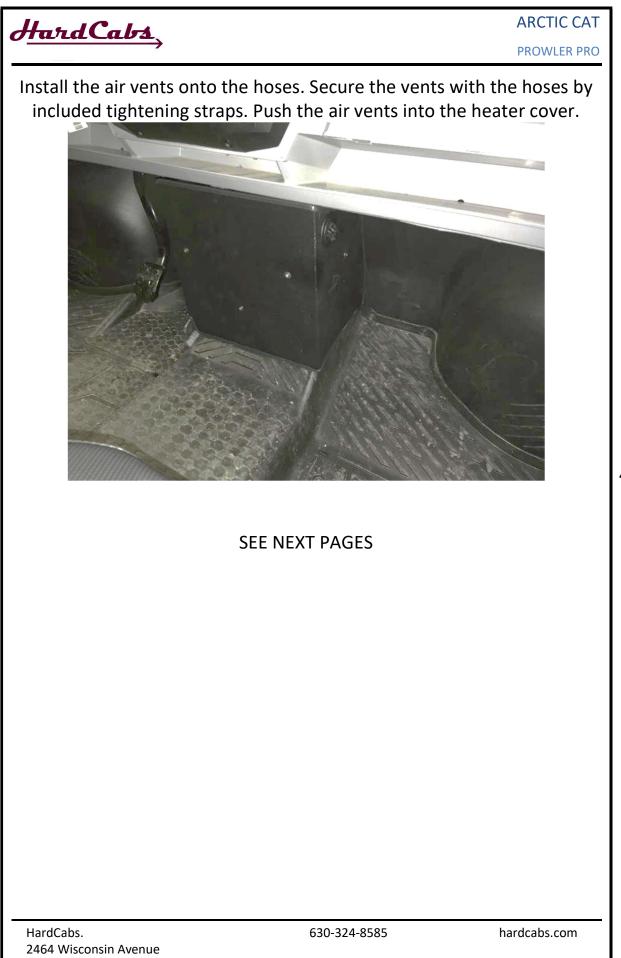
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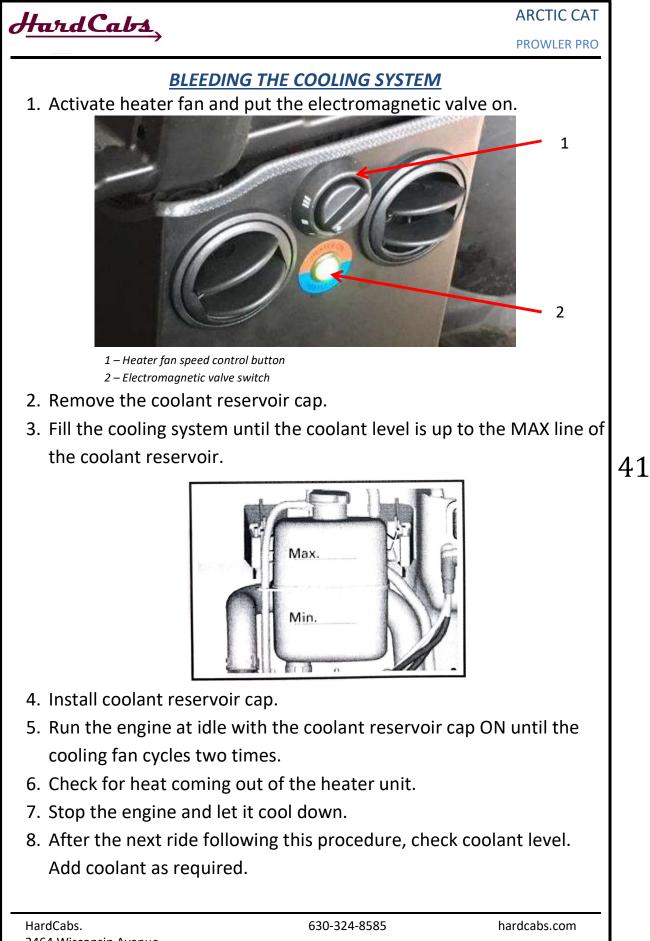
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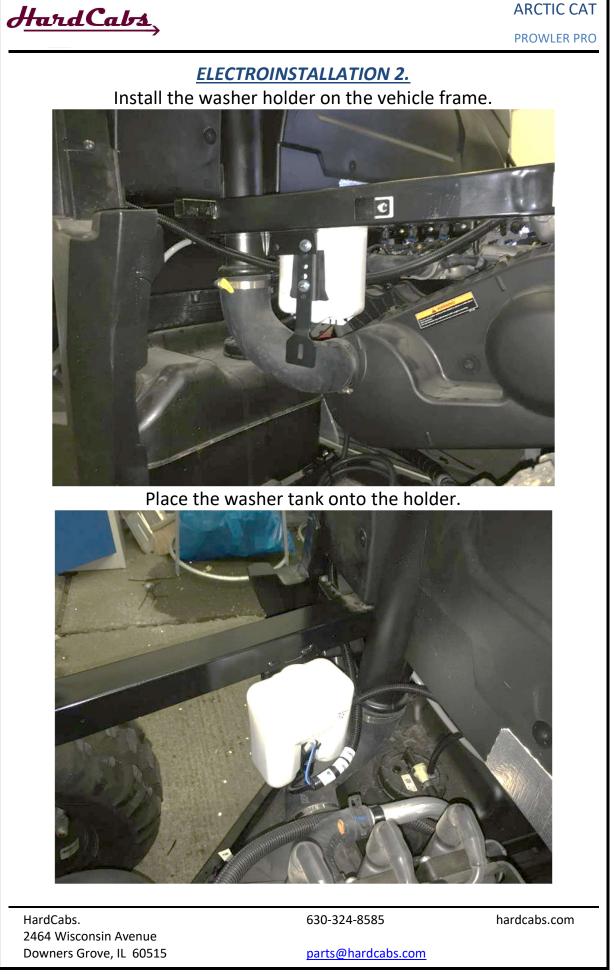
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Connect the washer harness and washer hose with the washer tank.



Run the washer harness from the washer tank to the supply harness. Fix the washer harness with the original harness by included tightening straps.



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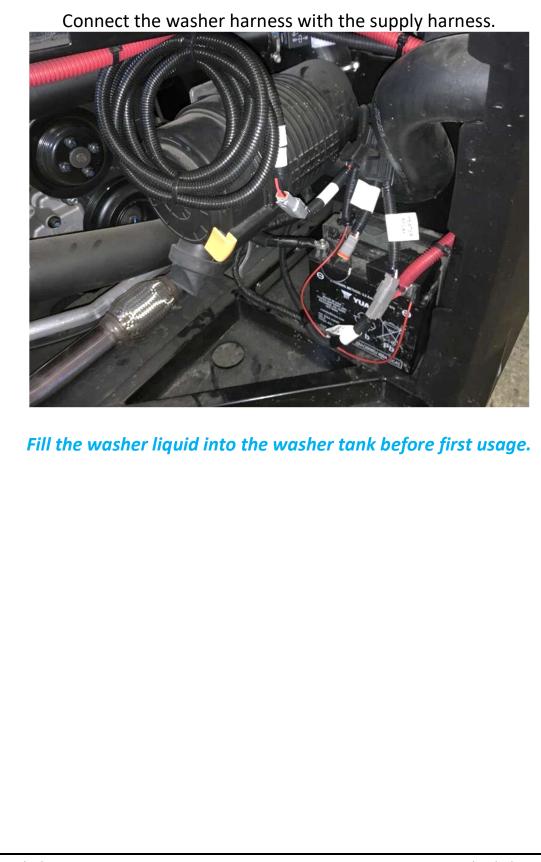
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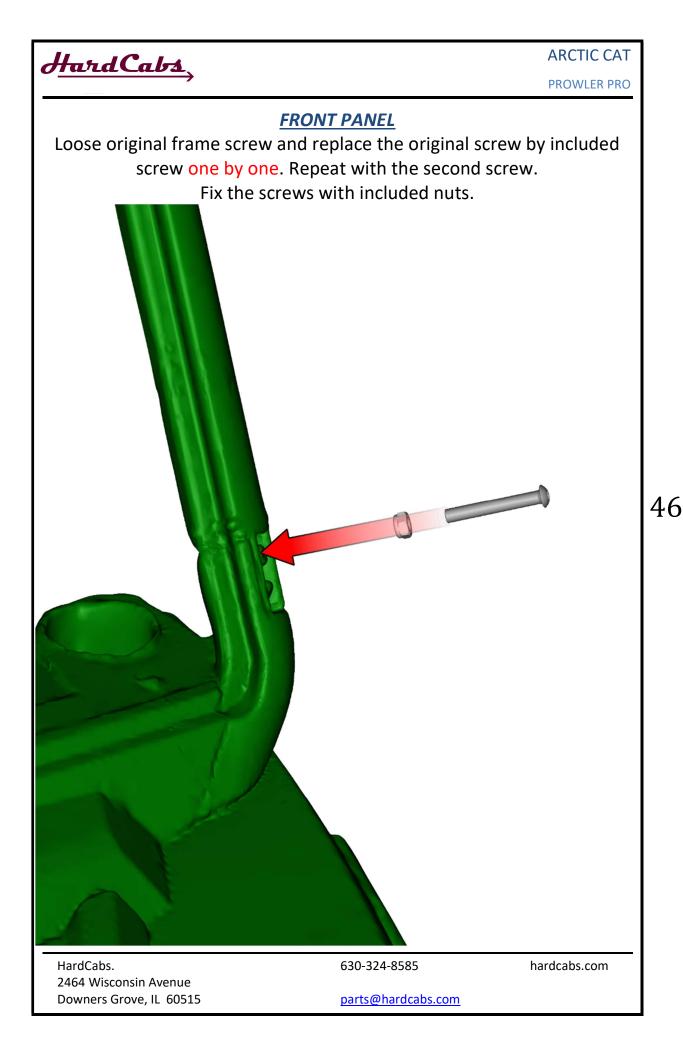


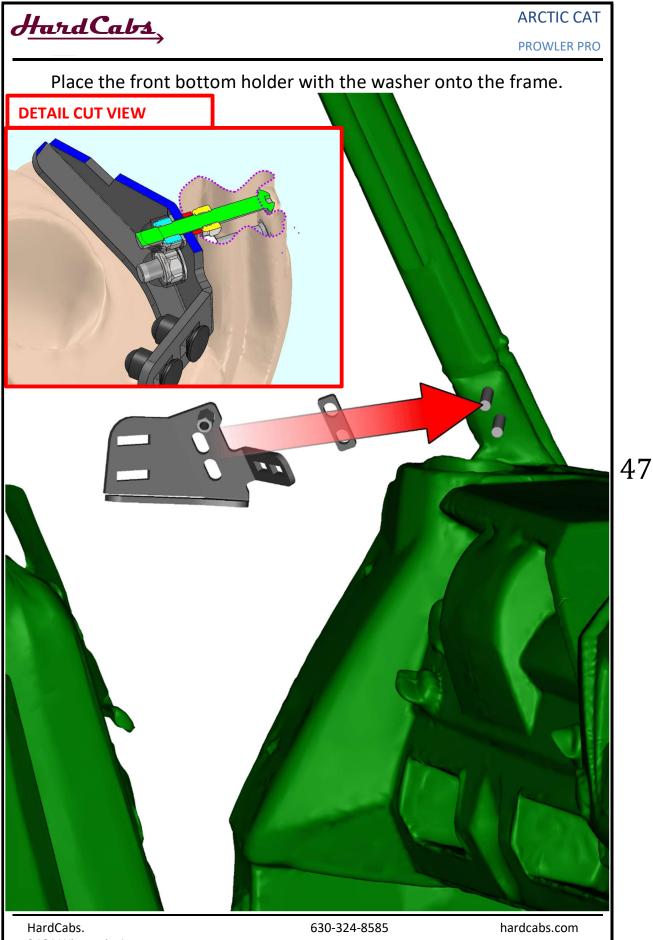
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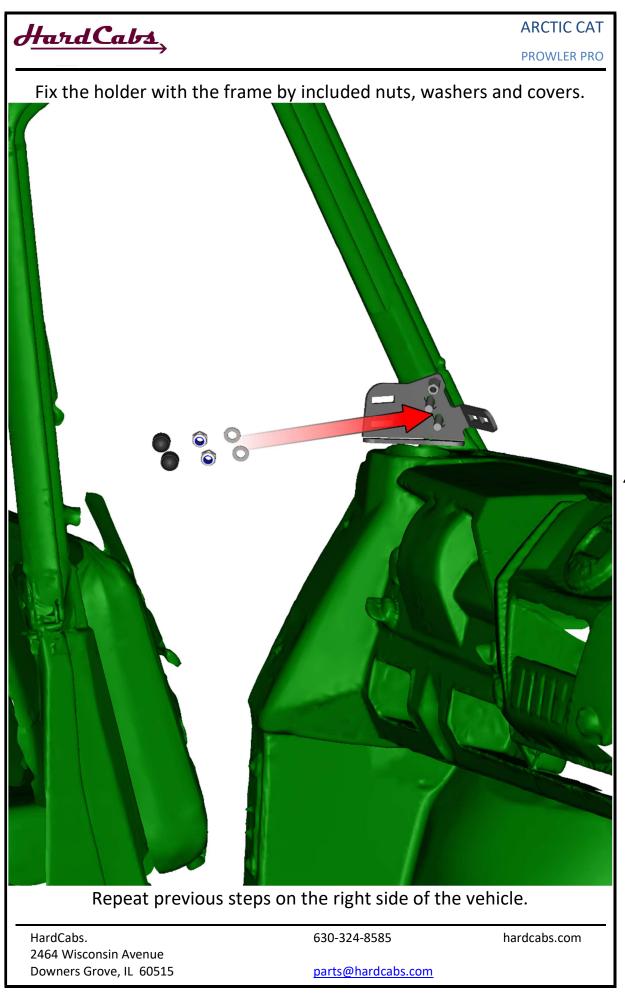
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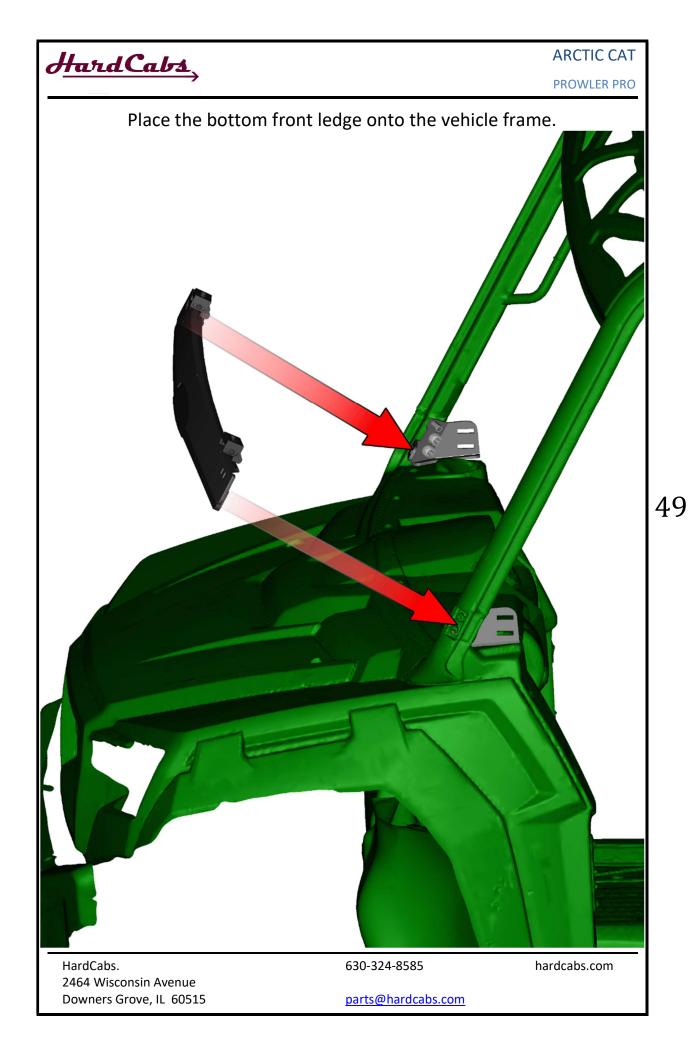


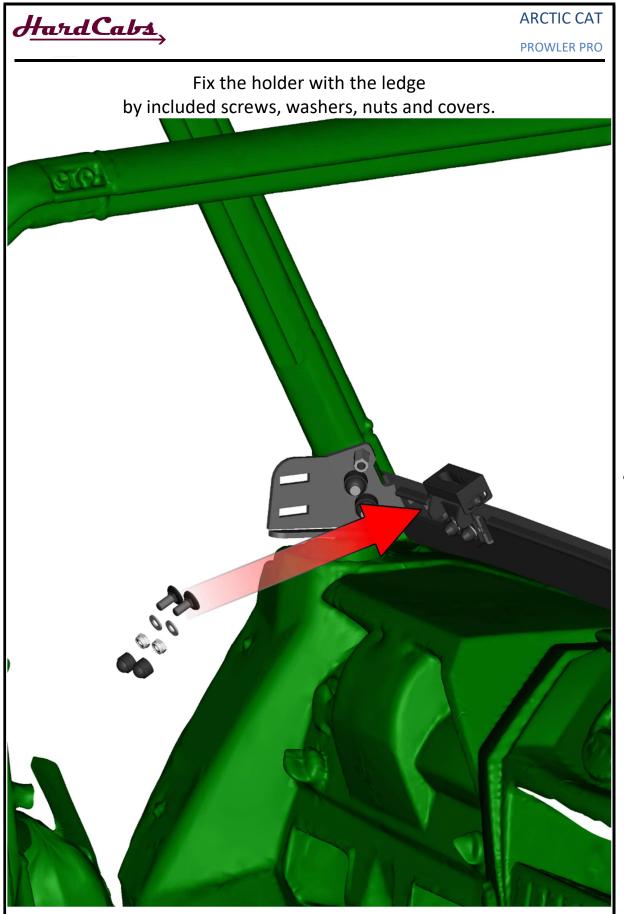




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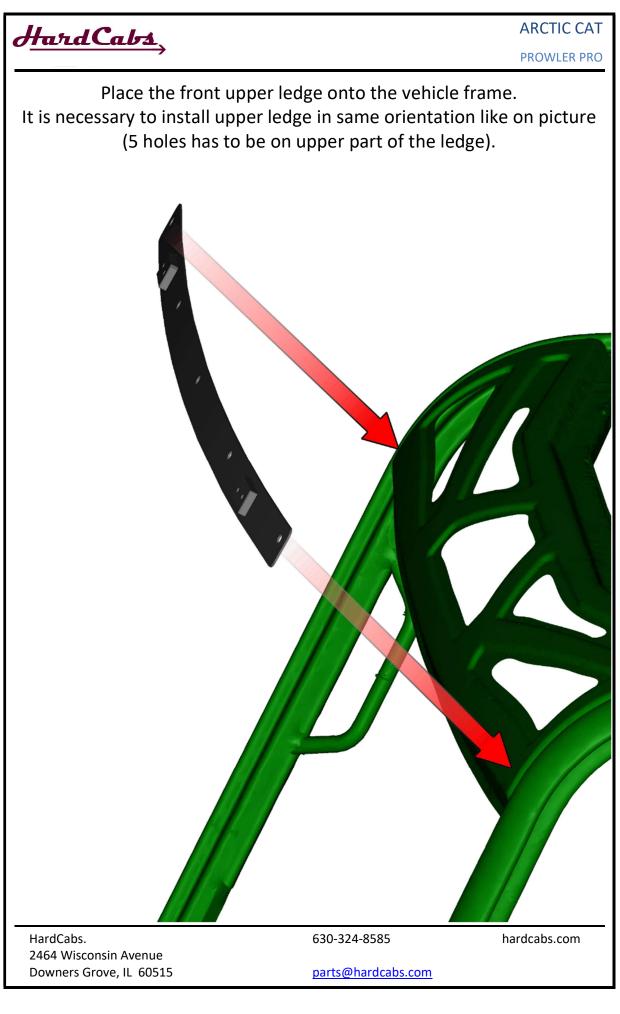
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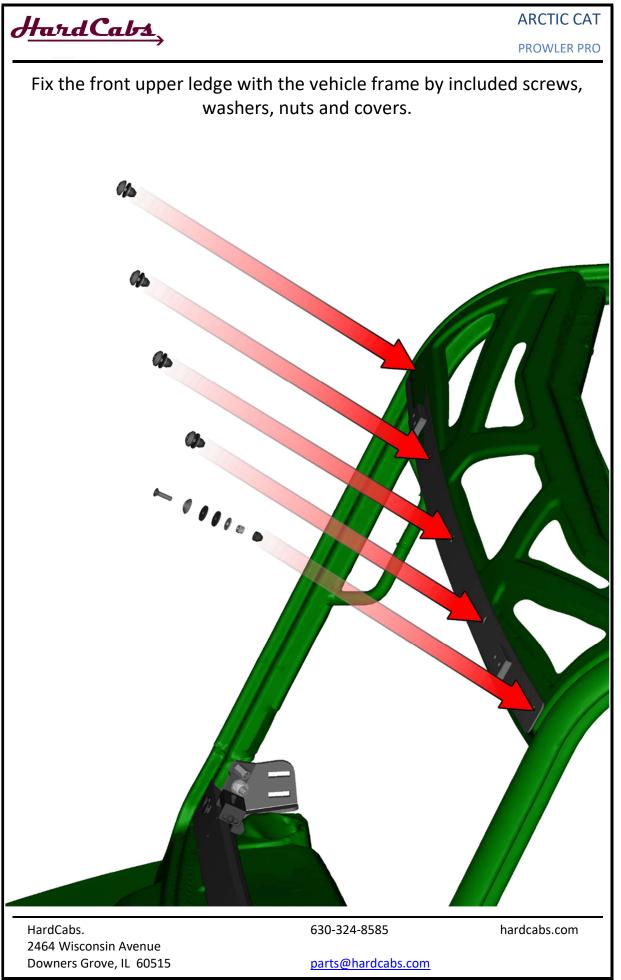


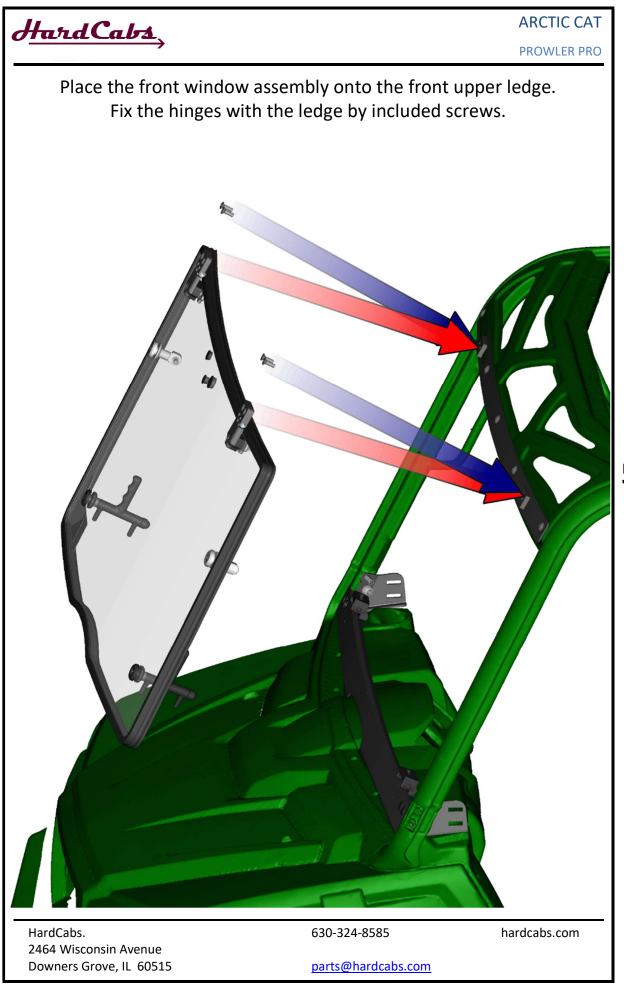
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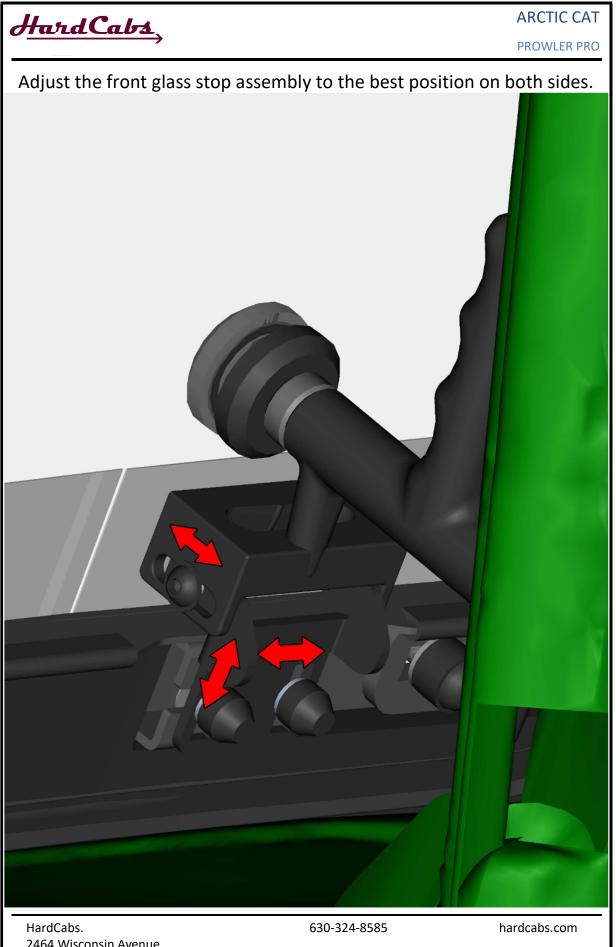
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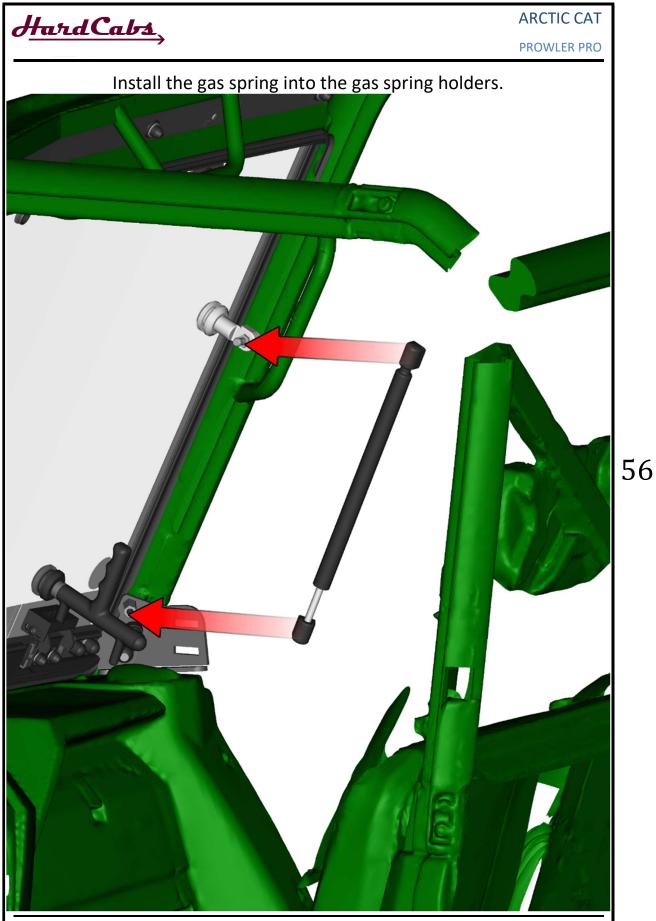






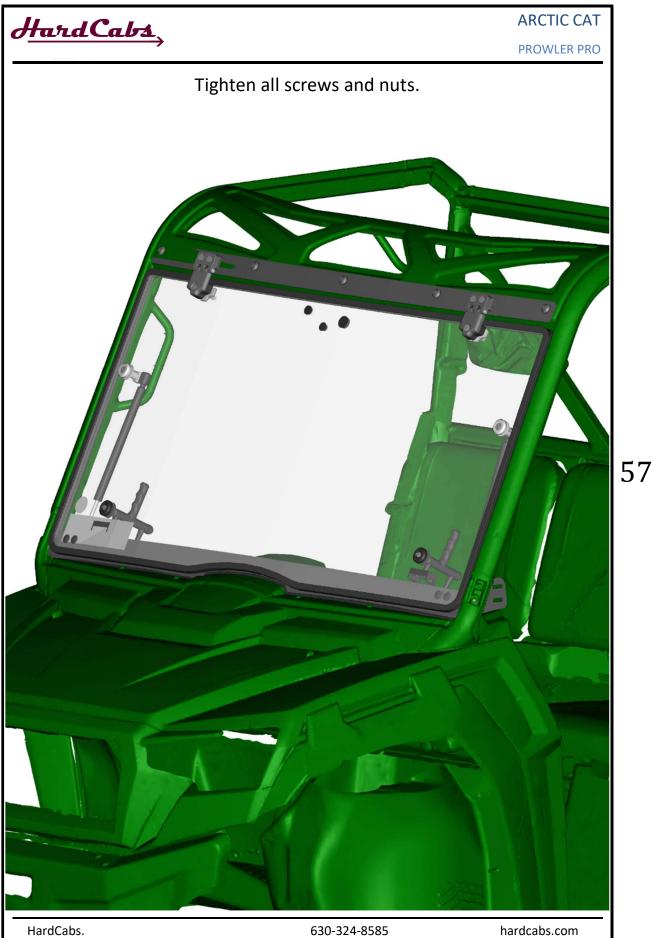
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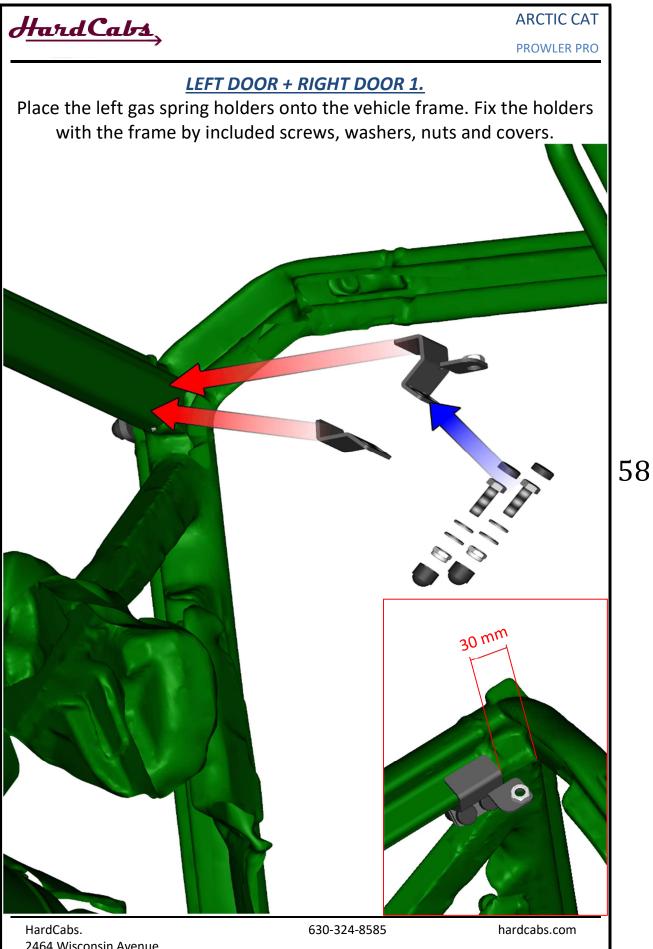


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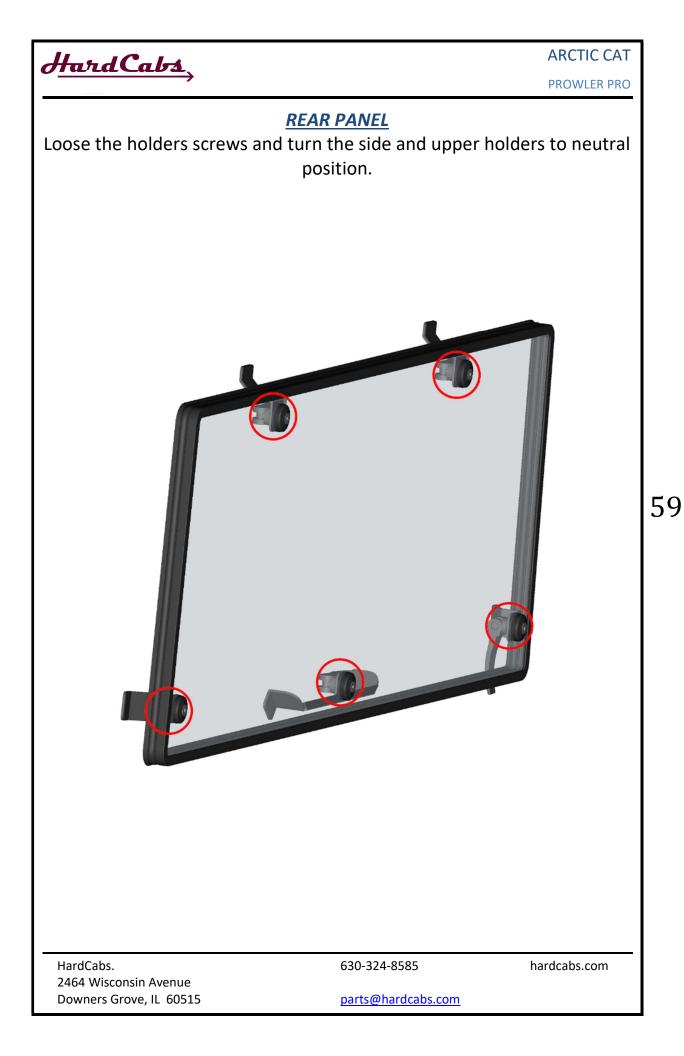
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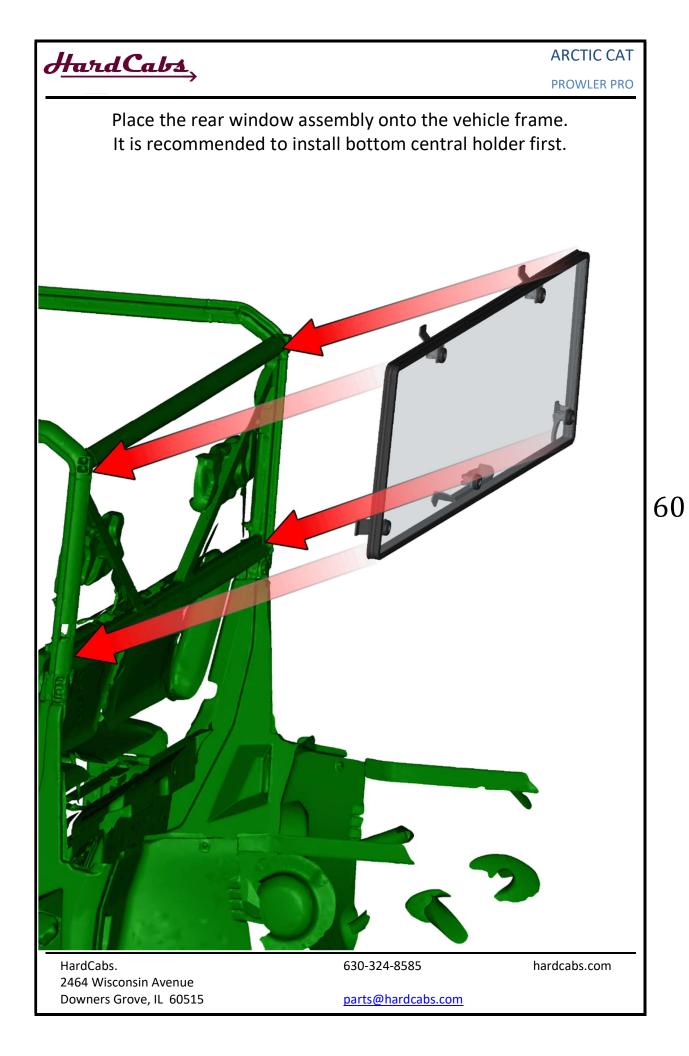


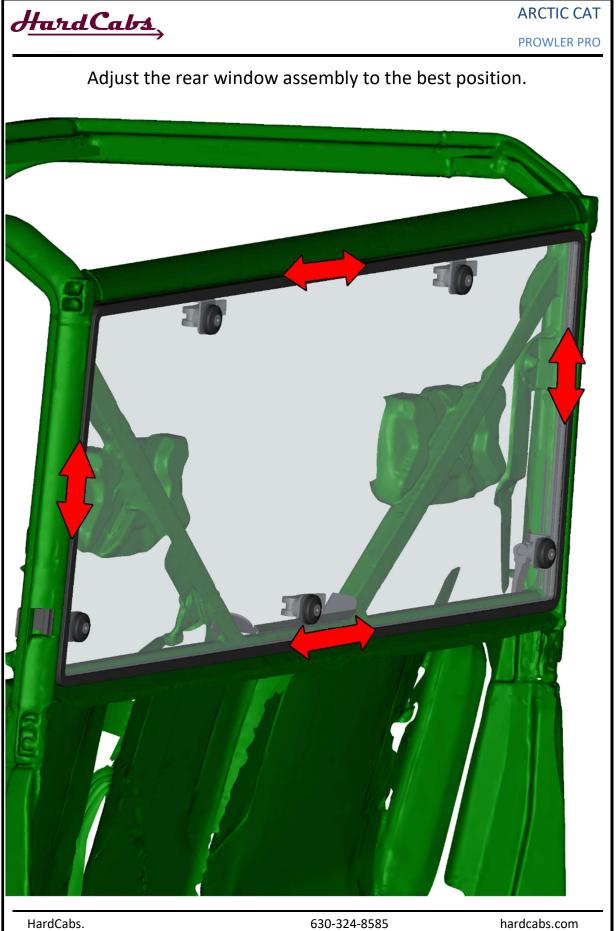
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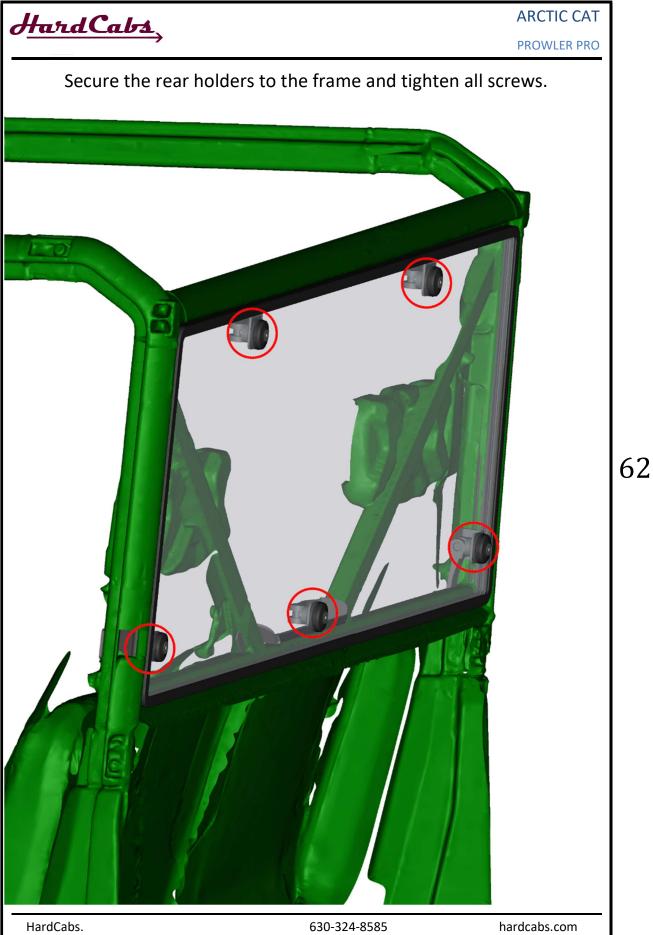
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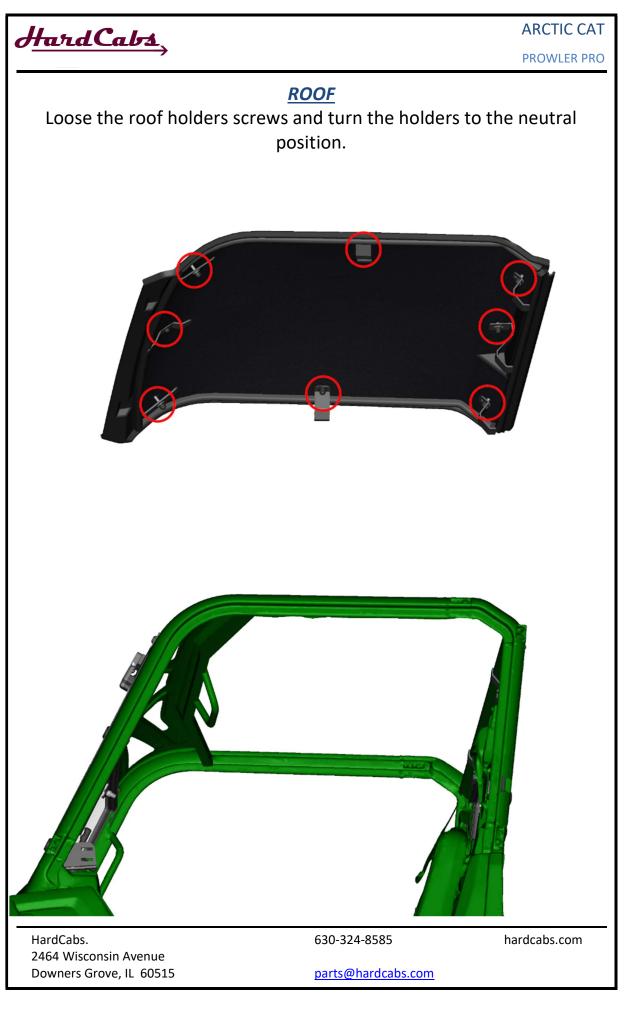


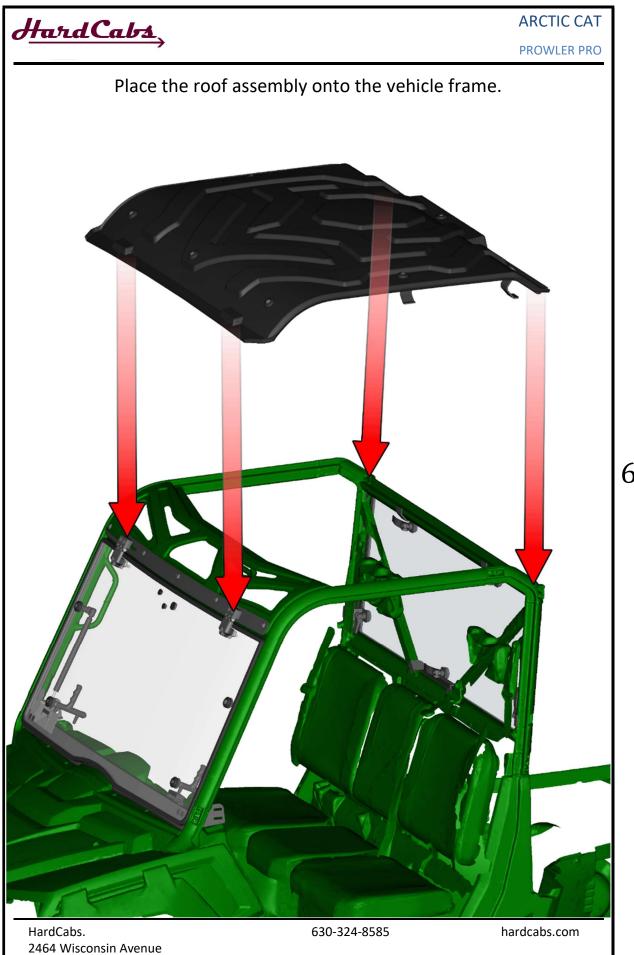


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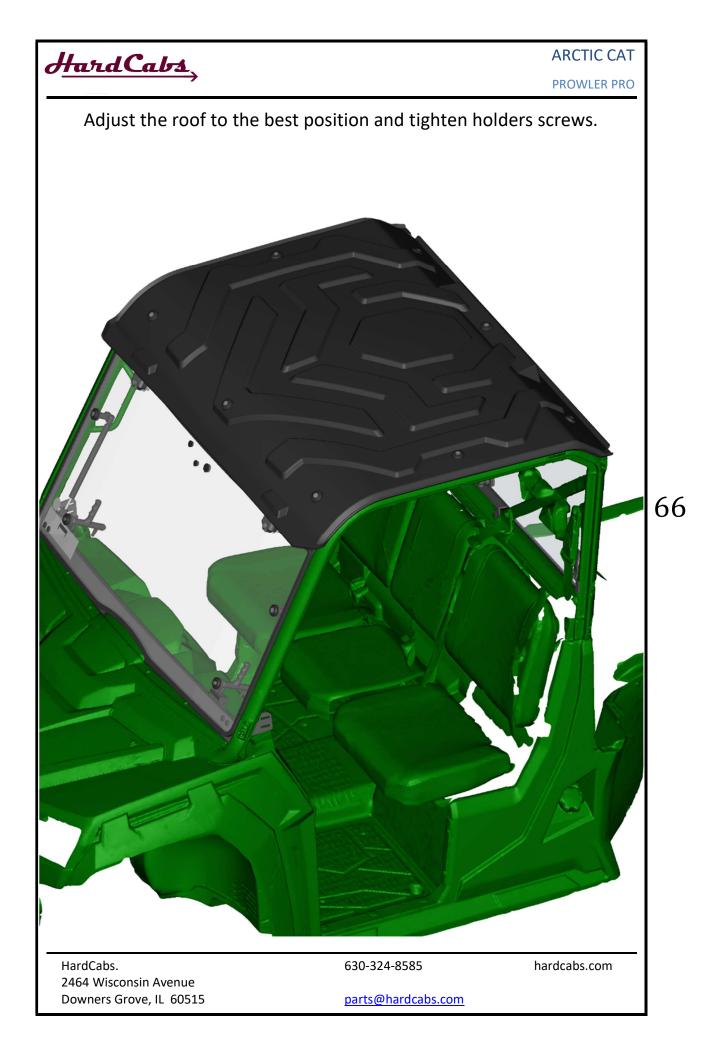


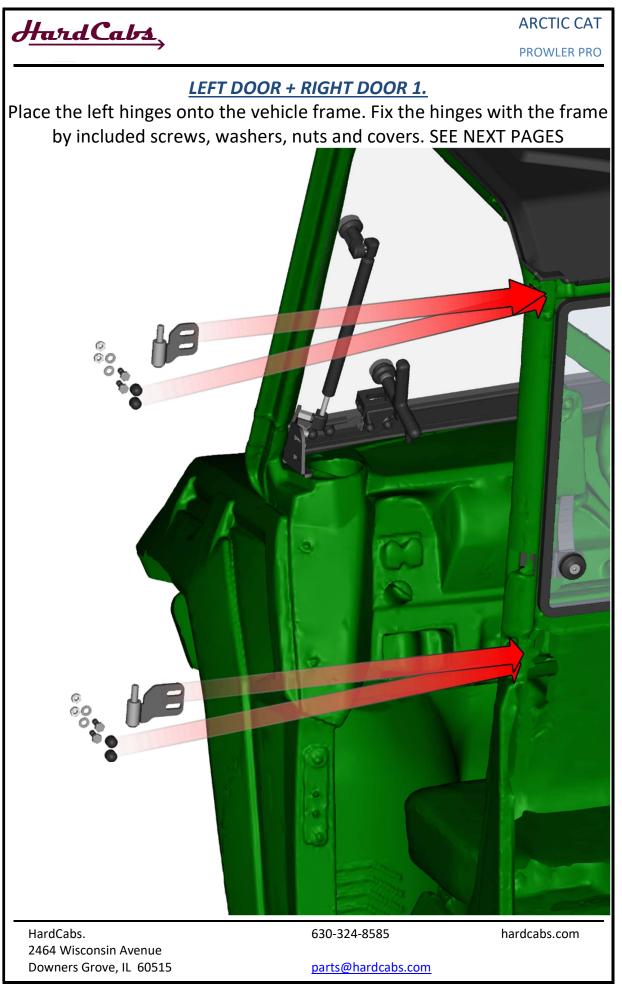


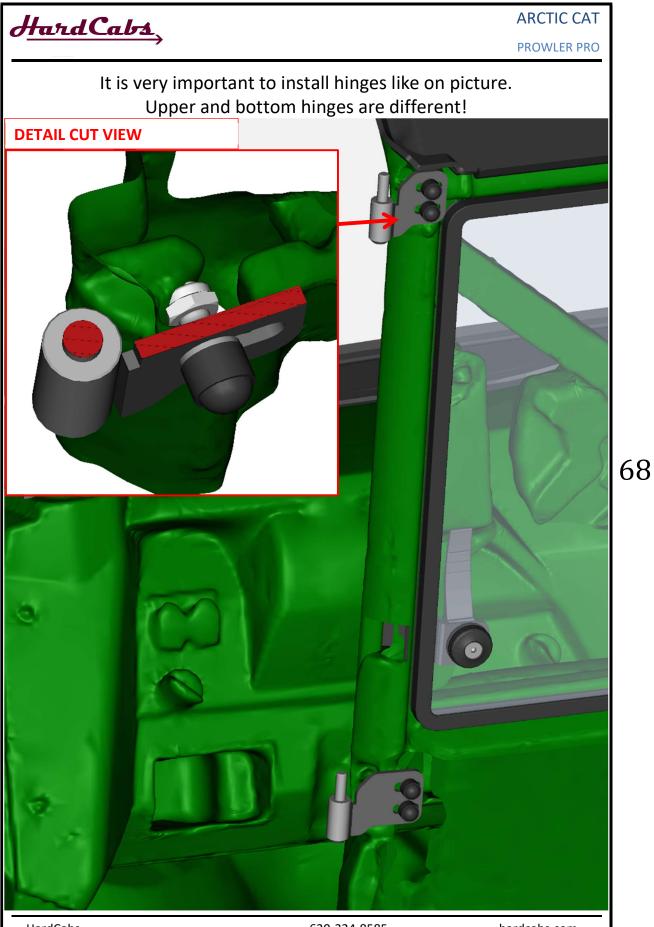
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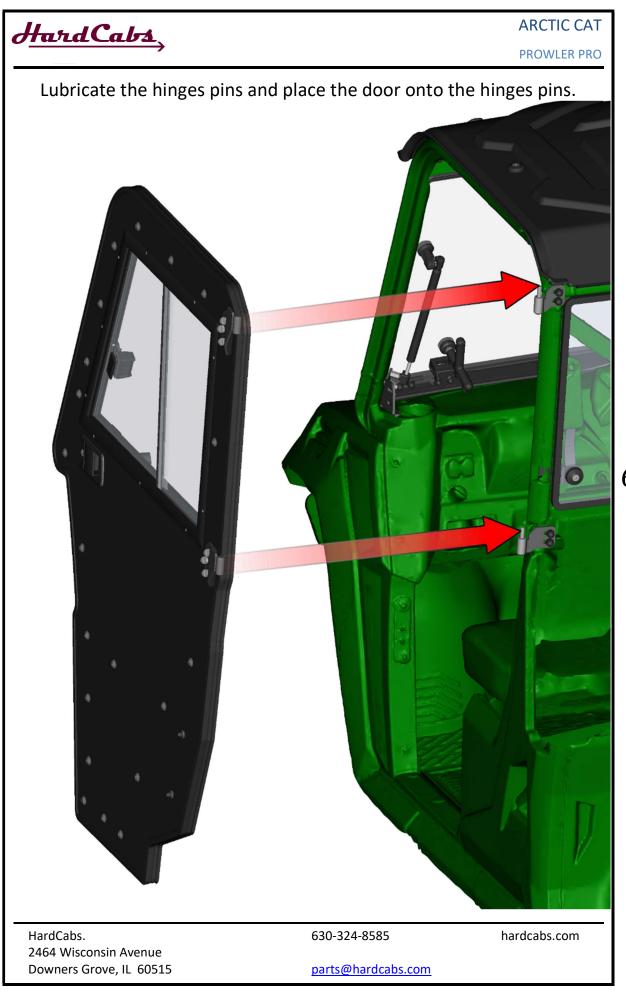


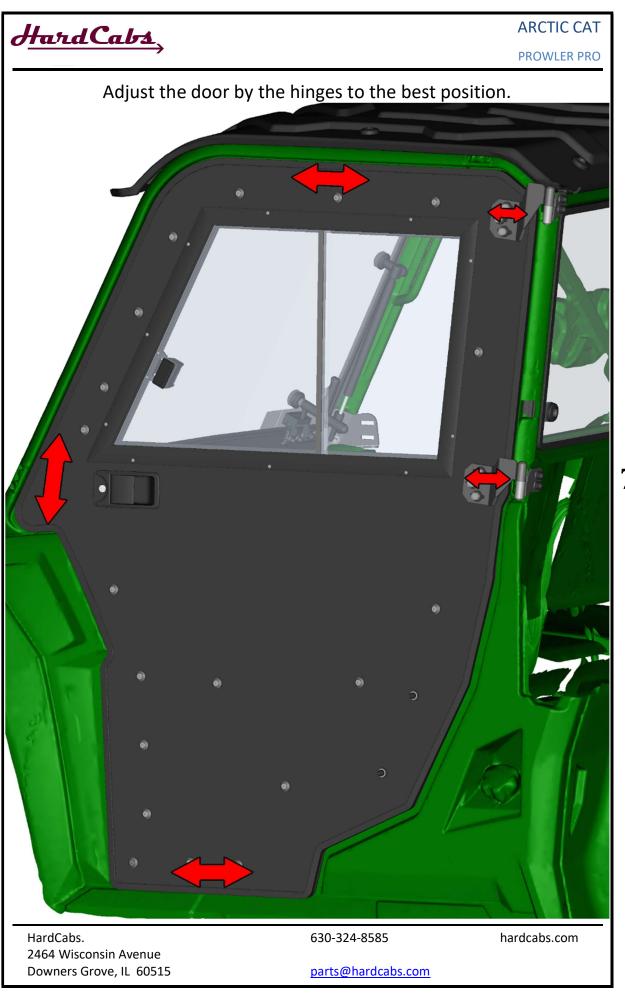


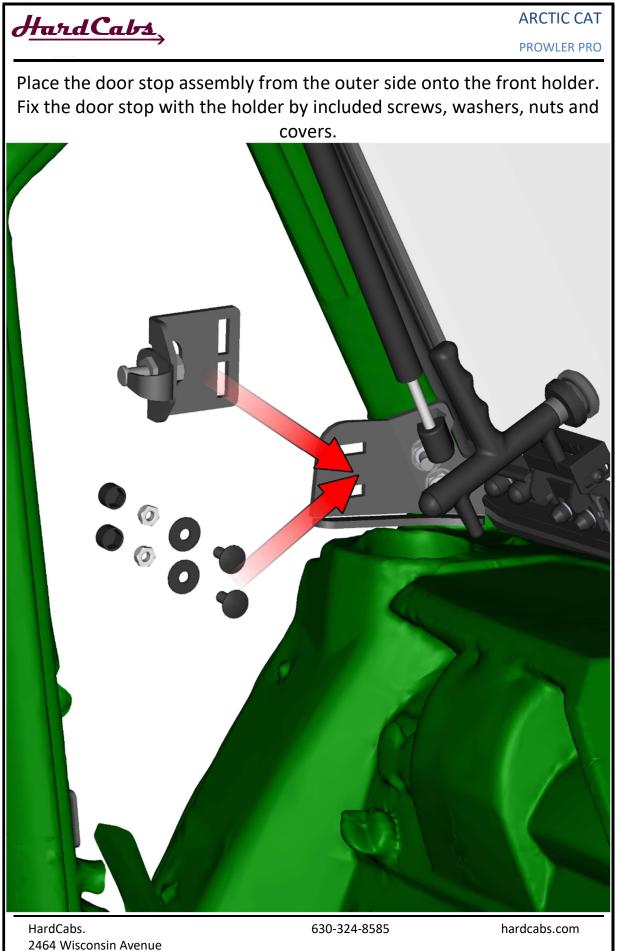


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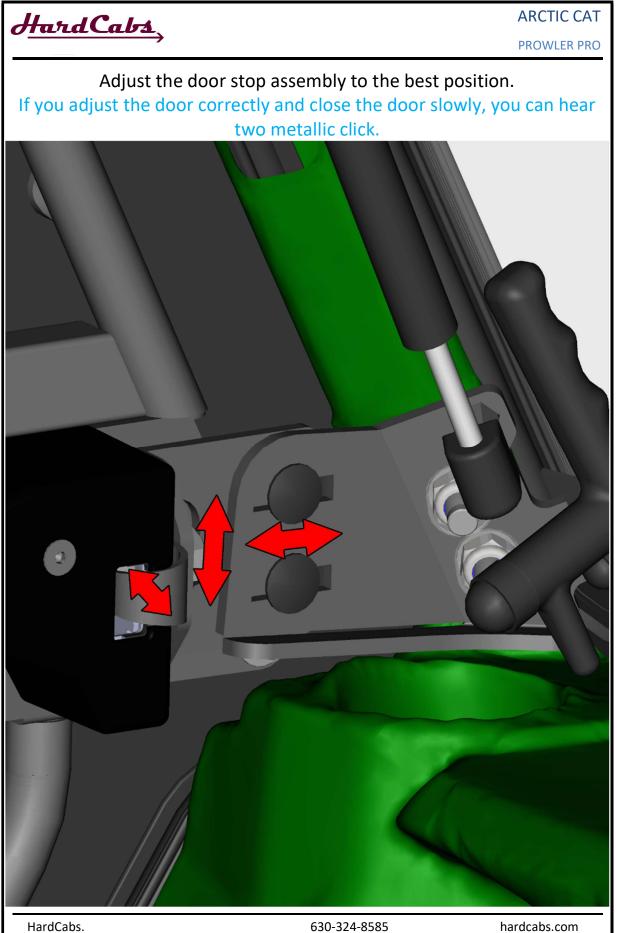






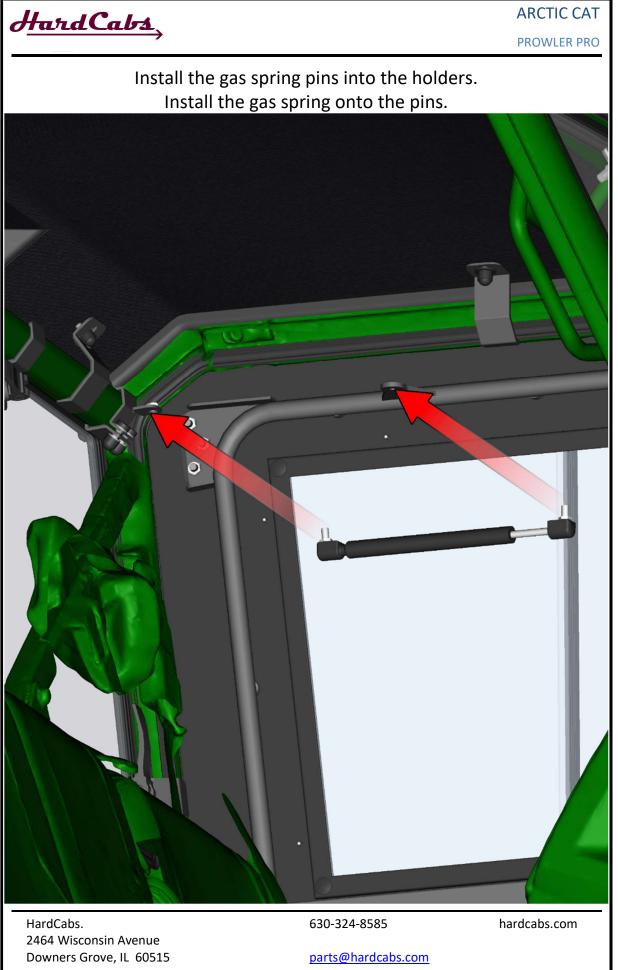
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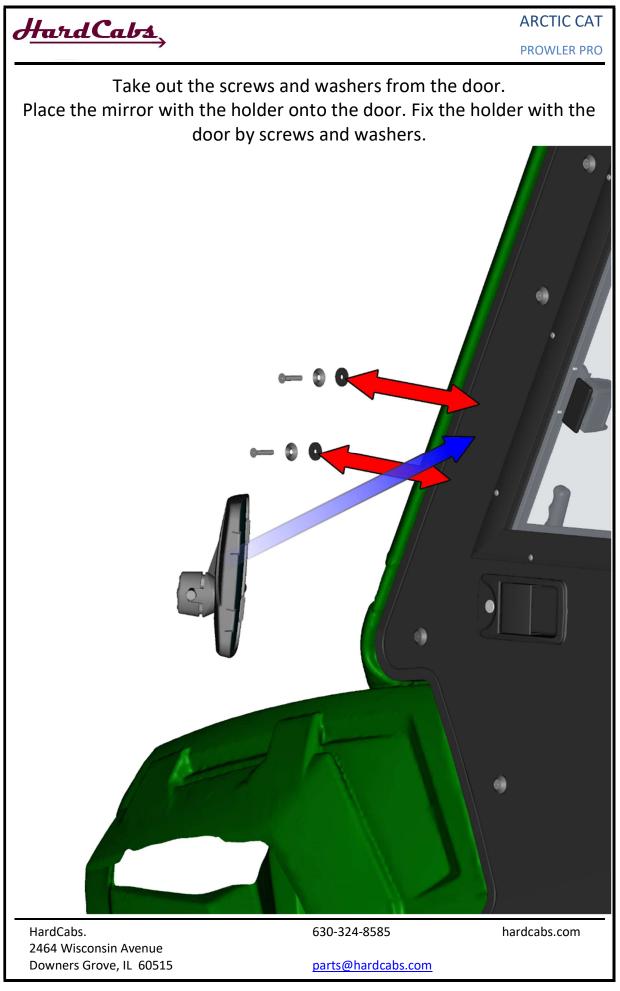
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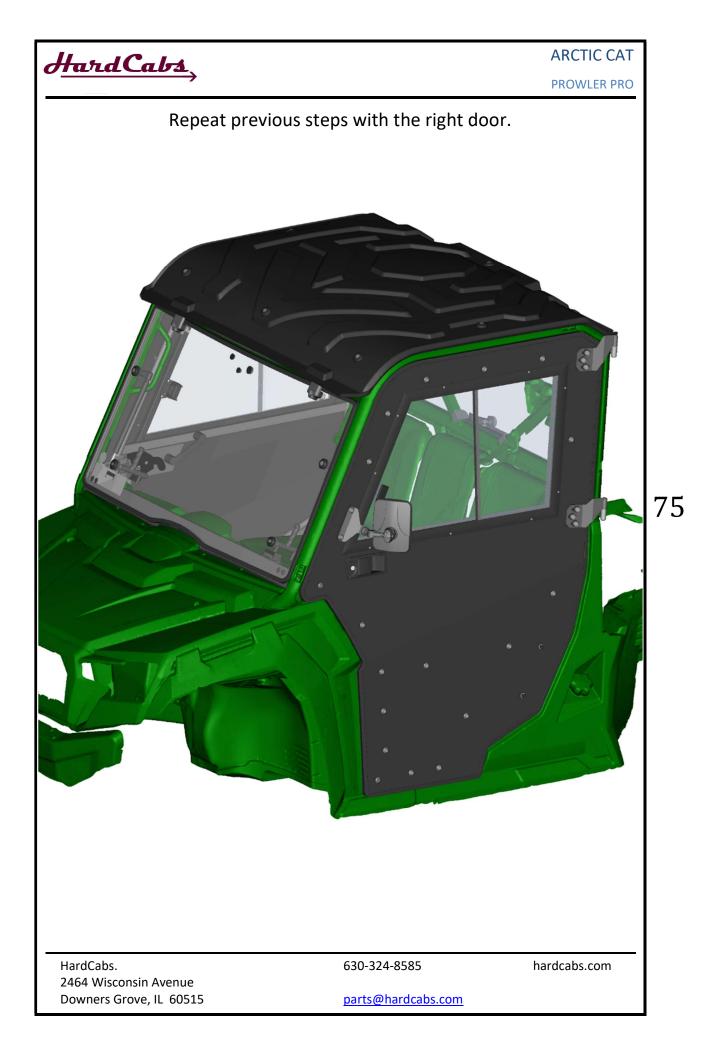


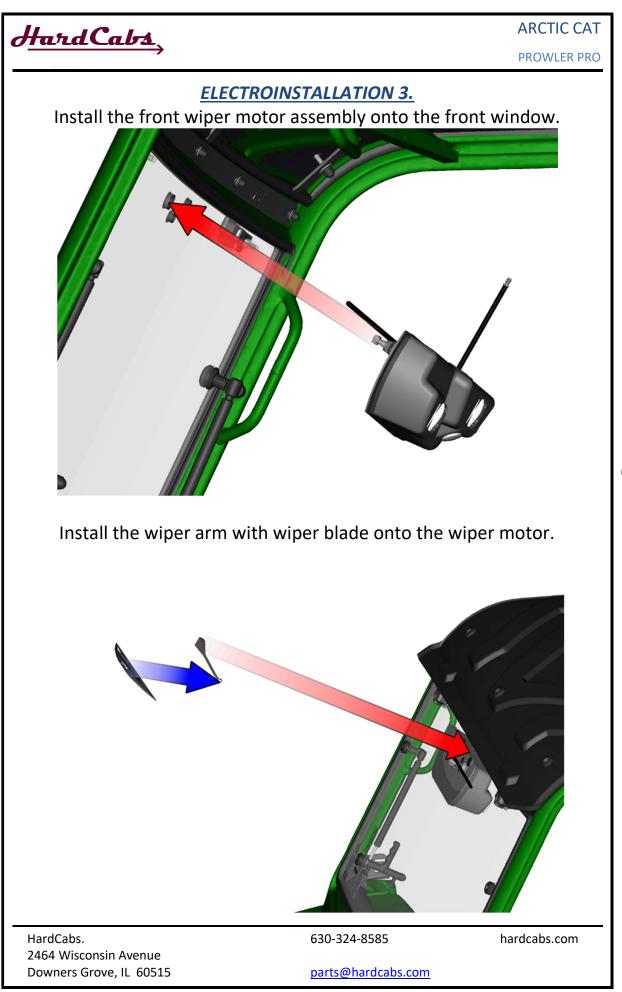
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Run the washer harness from the washer tank to the front upper ledge.



Run the washer harness from the washer tank to the front upper ledge.



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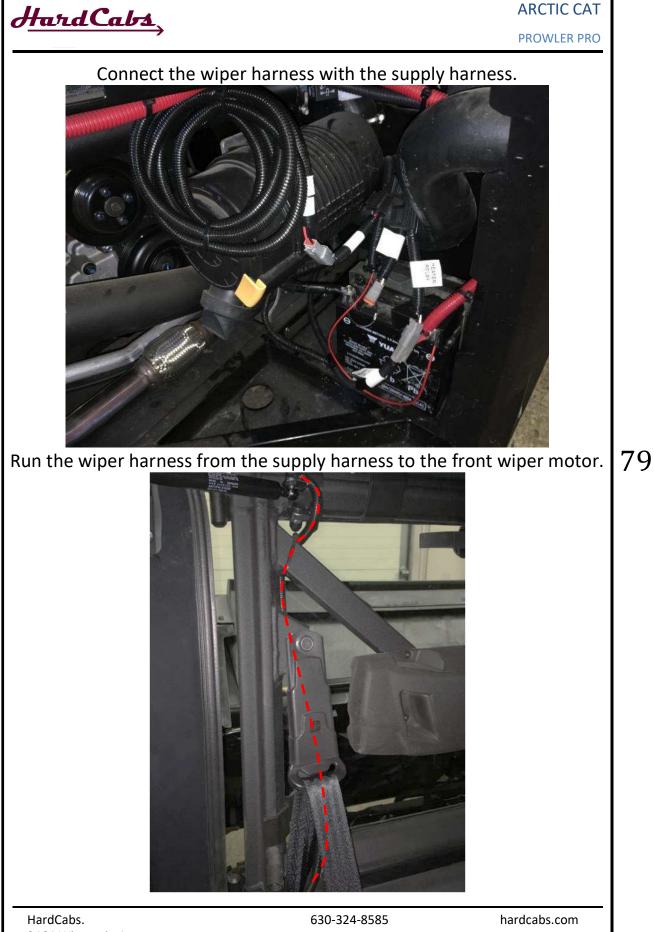
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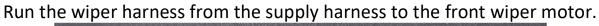


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Run the wiper harness from the supply harness to the front wiper motor.



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BOLT TORQUE

BOLT TORQUE SPECIFICATIONS

GENERAL TORQUE SPECIFICATION TABLE

Use the following torques when special torques are not given. These values apply to fasteners as received from suppliers, dry, or when lubricated with normal engine oil. They do not apply if special graphited or moly disulphide greases or other extreme pressure lubricants are used. This applies to both UNF and UNC threads. Remember to always use grade five or better when replacing bolts.

IMPORTANT: On all PLATED GRADE 8 bolts, reduce torque 15% from listed bolt torque specification.

SAE Grade No. Bolt head identification mark as per grade. NOTE: Manufacturing Marks Will Vary						$ \begin{array}{c} 5 \\ \hline \end{array} \\ \hline \end{array} \\ \hline \end{array} $				<u>8*</u>			
Bolt Size		Pounds Feet Newton-Meters			Pounds Feet Newton-Meters			Pounds Feet Newton-Meters					
Inches	Millimeters	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/4	6.35	5	6	7	8	9	11	12	15	12	15	16	20
5/16	7.94	10	12	14	16	17	20.5	23	28	24	29	33	39
3/8	9.53	20	23	27	31	35	42	48	57	45	54	61	73
7/16	11.11	30	35	41	47	54	64	73	87	70	84	95	114
1/2	12.70	45	52	61	70	80	96	109	130	110	132	149	179
9/16	14.29	65	75	88	102	110	132	149	179	160	192	217	260
5/8	15.88	95	105	129	142	150	180	203	244	220	264	298	358
3/4	19.05	150	185	203	251	270	324	366	439	380	456	515	618
7/8	22.23	160	200	217	271	400	480	542	651	600	720	814	976
1	25.40	250	300	339	406	580	696	787	944	900	1080	1220	1464
1-1/8	25.58	-	-	-	-	800	880	1085	1193	1280	1440	1736	1953
1-1/4	31.75		-	-	-	1120	1240	1519	1681	1820	2000	2468	2712
1-3/8	34.93	-	-	-	-	1460	1680	1980	2278	2380	2720	3227	3688
1-1/2	38.10		-	-	-	1940	2200	2631	2983	3160	3560	4285	4827

METRIC BOLT TORQUE SPECIFICATIONS 5.6 8.8 10.9									
			Course Thread		Fine Thread				
Size of Screw	Property Class	Pitch (mm)	Pounds Feet	Newton-Meters	Pitch (mm)	Pounds Feet	Newton-Meters		
	5.6		3.6-5.8	4.9-7.9		-			
M6	8.8	1.0	5.8-9.4	7.9-12.7	-	-			
	10.9		7.2-10	9.8-13.6					
	5.6		7.2-14	9.8-19		12-17	16.3-23		
M8	8.8	1.25	17-22	23-29.8	1.0	19-27	25.7-36.6		
	10.9		20-26	27.1-35.2		22-31	29.8-42		
	5.6	1.5	20-25	27.1-33.9		20-29	27.1-39.3		
M10	8.8		34-40	46.1-54.2	1.25	35-47	47.4-63.7		
	10.9		38-46	51.5-62.3		40-52	54.2-70.5		
	5.6	1.75	28-34	37.9-46.1	1.25	31-41	42-55.6		
M12	8.8		51-59	69.1-79.9		55-68	75.9-92.1		
	10.9		57-66	77.2-89.4		62-75	84-101.6		
	5.6	2.0	49-56	66.4-75.9	1.5	52-64	70.5-86.7		
M14	8.8		81-93	109.8-126		90-106	122-143.6		
	10.9		96-109	130.1-147.7		107-124	145-168		
	5.6		67-77	90.8-104.3		69-83	93.6-112.5		
M16	8.8	2.0	116-130	157.2-176.2	1.5	120-138	162.6-187		
	10.9		129-145	174.8-196.5		140-158	189.7-214.1		
	5.6	2.0	88-100	119.2-136		100-117	136-158.5		
M18	8.8		150-168	203.3-227.6	1.5	177-199	239.8-269.6		
	10.9		175-194	237.1-262.9		202-231	273.7-313		
	5.6		108-130	146.3-176.2		132-150	178.9-203.3		
M20	8.8	2.5	186-205	252-277.8	1.5	206-242	279.1-327.9		
	10.9		213-249	288.6-337.4		246-289	333.3-391.6		

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Declaration of Conformity



DFK Cab, s.r.o.

Za Olšávkou 391 686 01 Uherské Hradiště Česká republika / Czech Republic