



POLARIS GENERAL 1000 EPS ClearView Cab p/n: 1POLGENCV This cab fits model years: 2016-2017

The contents of this envelope are the property of the owner.
Be sure to leave with the owner when installation is complete.

Warning! This vehicle is capable of traveling at high speed. Do not attempt to drive the vehicle with the cab doors removed. If the cab doors are intentionally removed, the O.E.M. (Original Equipment Manufacturer) vehicle half doors or netting must be re-installed prior to driving the vehicle. Failure to do so could result in serious injury or death.

Caution! Do not operate vehicle with windshield in the full open position.

Approximate Installation Time *

Experienced Dealer Technician – 3.5 Hours

Average Dealer Technician – 4.5 Hours

Do-It-Yourself – 5.5 Hours

(* = Not including accessories)



A windshield wiper is not included with this cab kit. It is available as a separate additional option (p/n: 1POLGENCVWPR).

Door mirrors are not included, but are available as a separate additional option (p/n: 9PM6).

revised: 01-04-2017



NOTICE

Curtis Cabs, blades and general accessories add additional weight to the base vehicle. All Curtis accessory weights are listed in product brochures. Deduct the accessory's total weight from the vehicle's rated capacity and never exceed the vehicle's rated capacity including driver and passenger.



WARNING

Exposure to Carbon Monoxide can Cause illness, serious injury or death.

Never operate vehicle if suspicious of Carbon Monoxide. Inspect exhaust system for leaks monthly. Leaks can result from loose connections, corrosion, cracks or other damage to the exhaust manifold. If leaks are found, repair or replace exhaust system. Do not use vehicle until repair or replacement is complete.



WARNING

Serious Injury or Death



This cab enclosure does not provide protection from rollover or other accidents.



This cab enclosure does not provide protection from flying objects including golf balls.



This cab enclosure does not provide protection from lightning. When lightning threatens take cover and do not operate vehicle.

California Proposition 65



WARNING



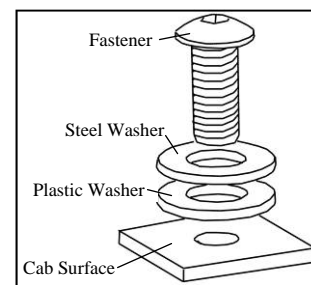
Engine exhaust, some of its constituents, certain vehicle components and fluids, contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

CAB INSTALLATION

BEFORE YOU START

HELPFUL HINTS:

- Refer to parts diagram toward the back of this manual to help identify parts during the assembly process.
- To assist with the cab installation, leave all bolts loose for later adjustment unless otherwise specified. Install nut covers as a very last step after finishing the installation.
- Read and understand all instructions before beginning.
- Plastic washers have been supplied to provide a weather seal under the heads of all exterior bolts. The plastic washer should be installed under each bolt head directly against the outside cab surface. Care should be taken not to over tighten the fasteners and damage the plastic washer. Also use steel washers as required. See diagram. Tip: the black plastic washers can be difficult to distinguish from the black steel washers. Use a magnet or look for round witness marks left on the plastic washers from the mold ejector pins.
- Apply a clear silicone sealant to seal any minor gaps that may occur due to vehicle variations.
- Use caution to avoid damaging any factory installed threaded inserts or weldnuts. Begin the bolt engagement by hand to guard against potential cross threading.



SAFETY INSTRUCTIONS

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

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

Assembly of product requires use of hand. If you are not experienced in using these types of tools, have a product dealer do the installation 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 below.

Do not operate your UTV with the cab doors open. Failure to properly latch the doors before moving the vehicle could result in serious injury.

In extreme cases, severe bumps may cause the windshield to close even from the vented position. It is recommended to keep the windshield fully closed when driving over extreme bumps, etc.

Plastic washers have been supplied to provide a weather seal around all exterior fasteners. The plastic washer should be installed under each bolt head directly against the outside cab surface. Care should be taken not to over tighten the fasteners and damaging the plastic washer. Use metal washers as required.

MAINTENANCE AND CLEANING

The inside surface of the windshield is coated with a plasticized safety film. Use care when cleaning the windshield to avoid scratching the inside surface.

To clean polycarbonate surfaces, use a soapy water solution or other gentle means.

Dirt and dust can be removed with a gentle water stream and wiping only with a wet or damp soft cloth from top to bottom.

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

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

Do not remove impurities from surfaces with a razor blade or other sharp items.

Do not clean the cab when the polycarbonate surfaces are heated by the sun.

Do not use a squeegee, it could scratch surfaces.

The mfr. is not responsible for surface scratches caused by failure to comply with the above instructions.

Check and tighten hardware after 40 hours of operation. Periodically inspect and tighten hardware for the remainder of the unit's life.

1. VEHICLE PREP

1.1 Remove all additional systems from the R.O.P.S. (Roll-Over Protective Structure) including work lights, rear mirrors, drink holders etc.. Remove the OEM half doors or nets from the vehicle.

2. REAR PANEL

2.1 Temporarily remove nuts, washers and brackets from rear attachment assemblies (indicated by the two vertical arrows pointing up in the picture). Save these for later use and align the rear panel into position.

2.2 Mount the rear panel to the UTV roll cage with the brackets, nuts, and washers. NOTE: per fig. 2.2a, orient the brackets so the bent legs straddle the embossed slot.

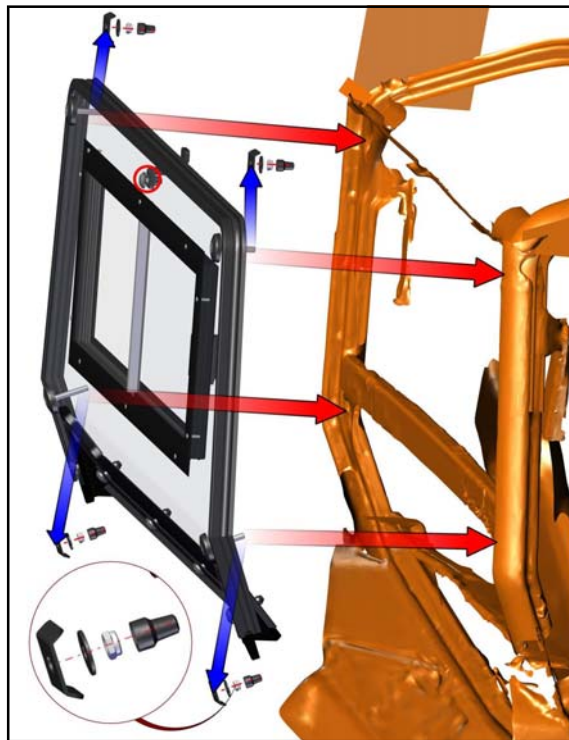


Fig. 2.1



Fig. 2.2

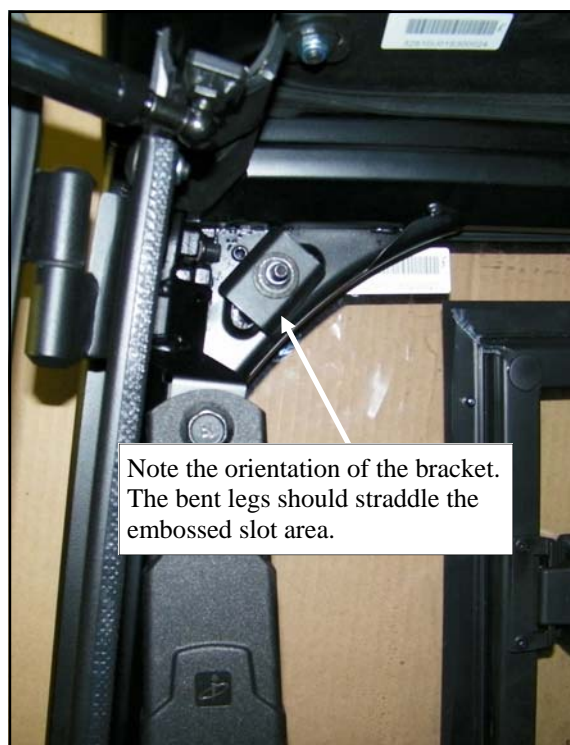


Fig. 2.2a

3. FRONT PANEL

Preview all 5 figures (3.1 thru 3.5) before beginning this step. Fig. 3.5 (on the next page) shows that most bolts will pass thru numerous thicknesses of sheet metal.

3.1 Align the right front corner to the UTV roll cage.
Note: if a small bag labeled Front Panel Hardware is supplied (see fig. 3.1a), discard it in favor of the solo Flanged Button Head Bolt loosely factory installed into the tapped hole in the bracket (washers and nuts no longer needed).

3.2 Align the right corner assembly to the UTV roll cage with the corner bracket.

3.3 Align the right front sealing ledge to the right front corner assembly.



Fig. 3.1a

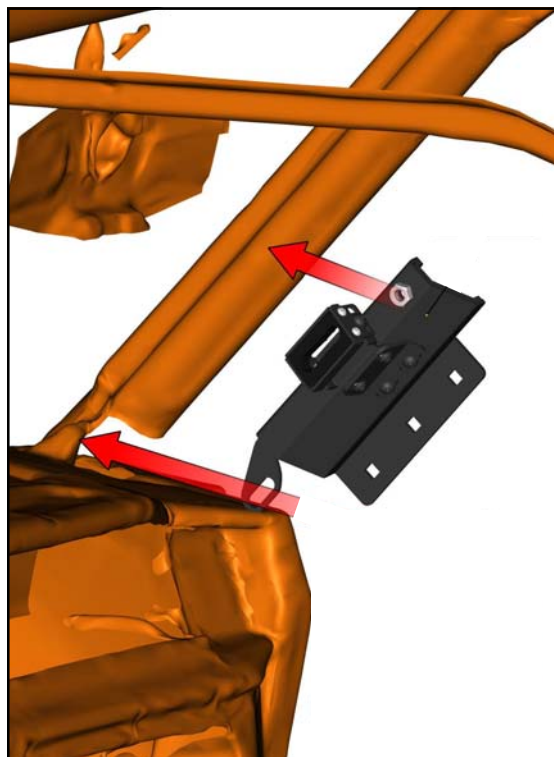


Fig. 3.1

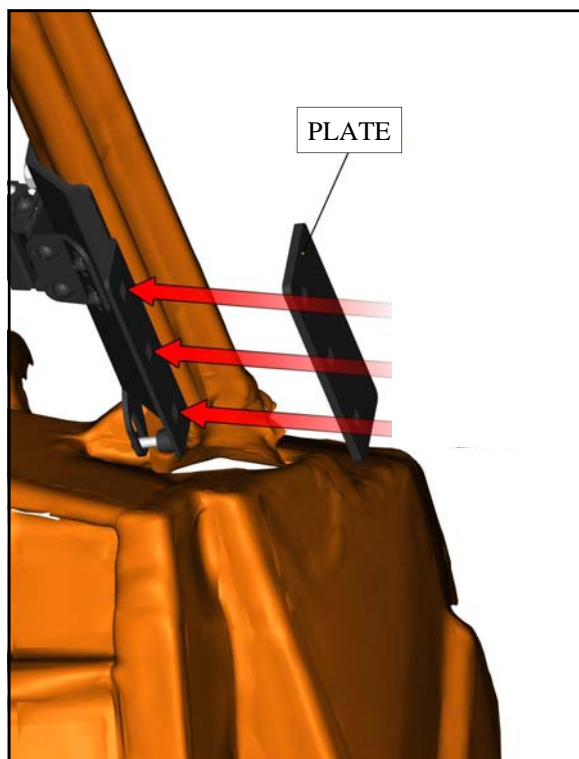


Fig. 3.2

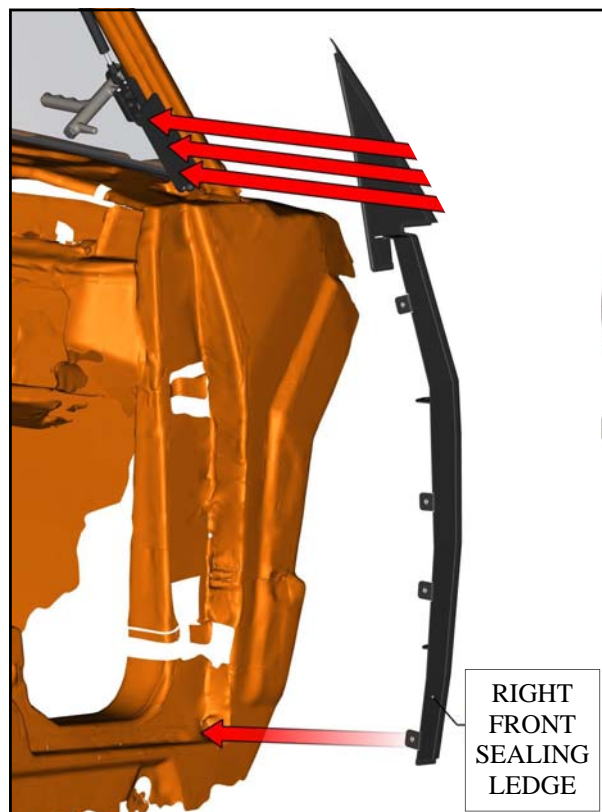


Fig. 3.3

3. FRONT PANEL (cont'd.)

3.4 Mount the right door stop assembly to the right front corner assembly using the supplied M8x30 screws, washers, and nuts.

Hardware provided:

M8x30 Carriage Bolts, washers, and nuts. 6 total (3 per side of vehicle).

M6x20 Flanged Button Head Screws. 2 total (one per side of vehicle).

3.5 This view shows the final assembly stage of the lower left corner (the driver's side).

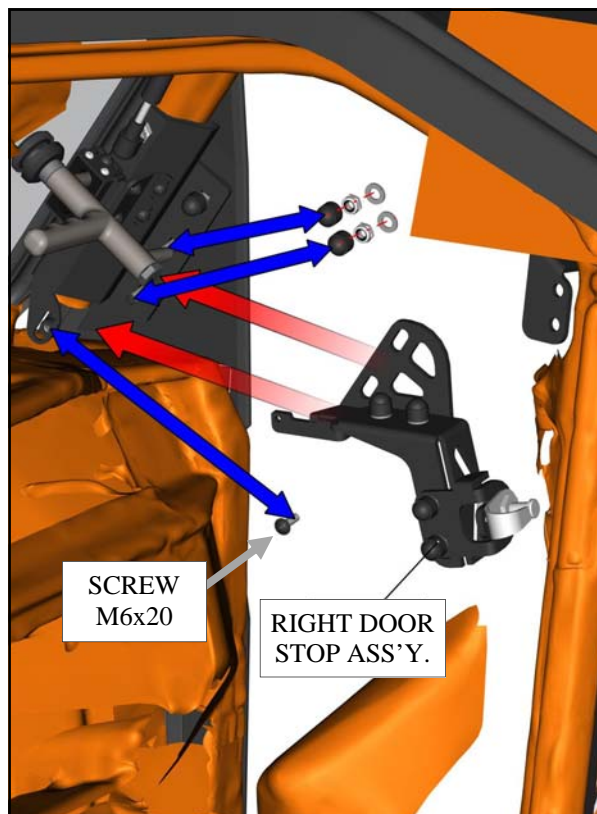


Fig. 3.4

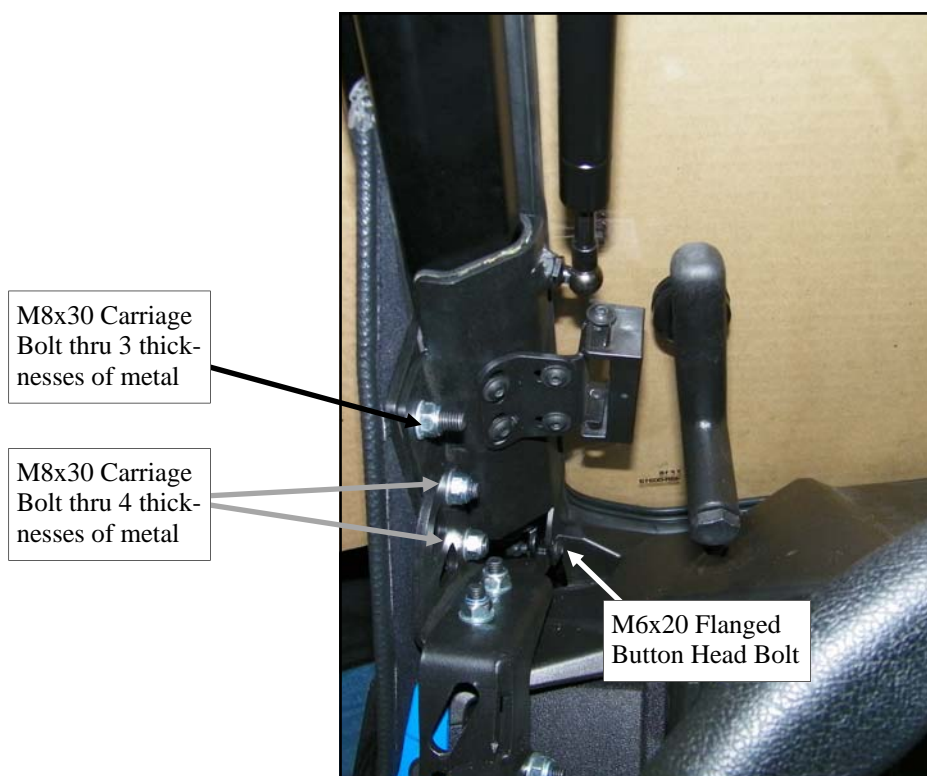


Fig. 3.5

3. FRONT PANEL (cont'd.)

3.6 Per figures 3.6 and 3.6a, connections will be made to the OEM hinge sleeves as shown. Use the OEM hinge pins and retaining clips.



Fig. 3.6



Fig. 3.6a

3. FRONT PANEL (cont'd.)

3.7 Align the front upper ledge onto the roll cage.

3.8 Mount the front upper ledge to the UTV roll cage using the supplied M8x14 screws and washers.

3.9 **Caution!** The inside surface of the front panel is coated with a plasticized safety film. Use care when cleaning the front panel to avoid scratching the inside surface.

Mount the front glass assembly to the front upper ledge with the supplied screws (M8x25). Keep the flat head screws loose/snug. When it's time to tighten these screws, use care to avoid cracking the countersink. **Caution: the front panel hinges are plastic components. Do not over tighten the flat head screws. Torque to 7 ft.-lbs. max.**

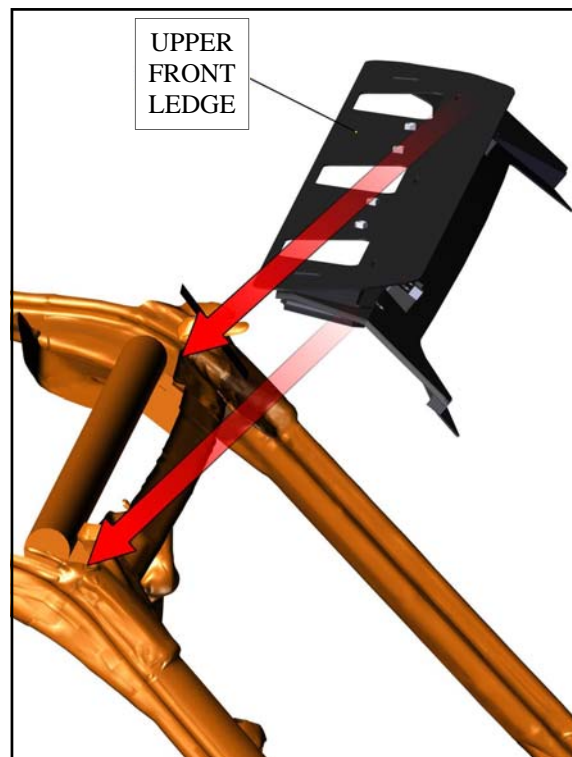


Fig. 3.7

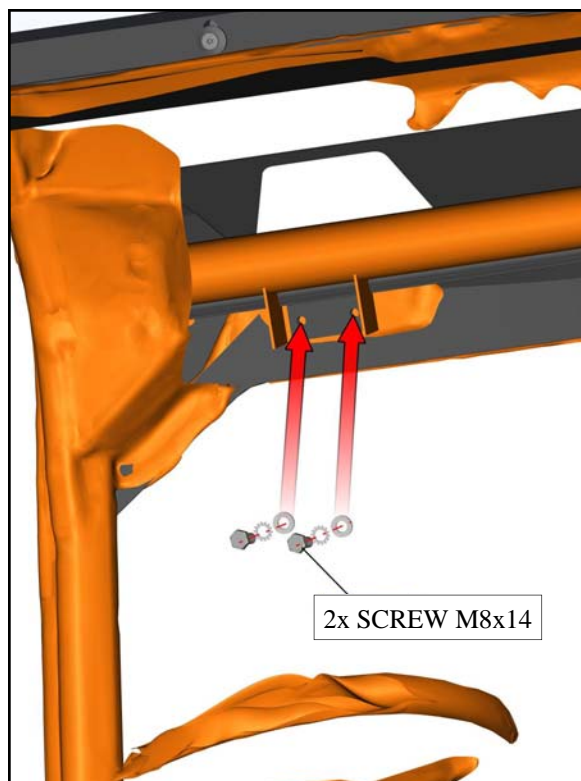


Fig. 3.8



Fig. 3.9

4. ROOF

4.1 Align the roof onto the UTV roll cage.

4.2 Mount the roof to the front upper ledge with the supplied screws (M6x25) and washers. **Caution:** use care when tightening any flat head screw in countersunk holes in plastic components to avoid cracking. **Torque to 7 ft.-lbs. max.**

4.3 Mount the roof to the UTV roll cage with the supplied bracket, screw (M8x30), washers, and nut on both sides of the vehicle.

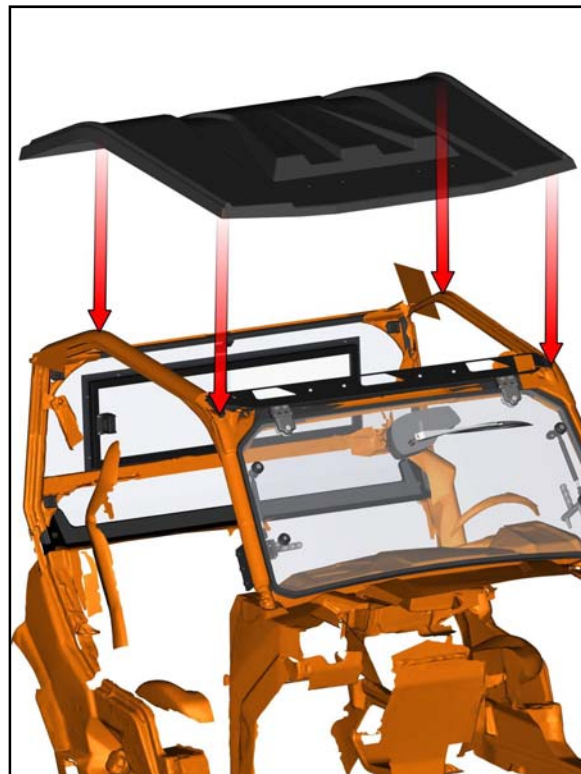


Fig. 4.1

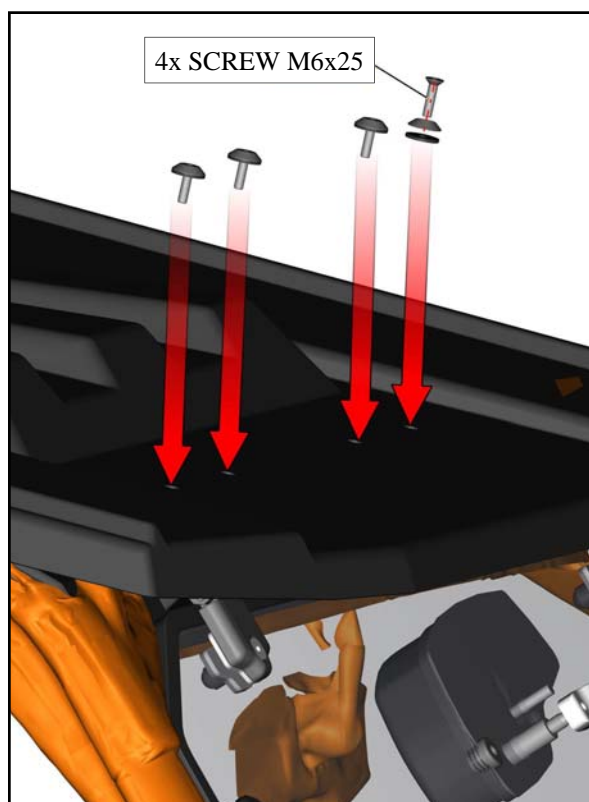


Fig. 4.2

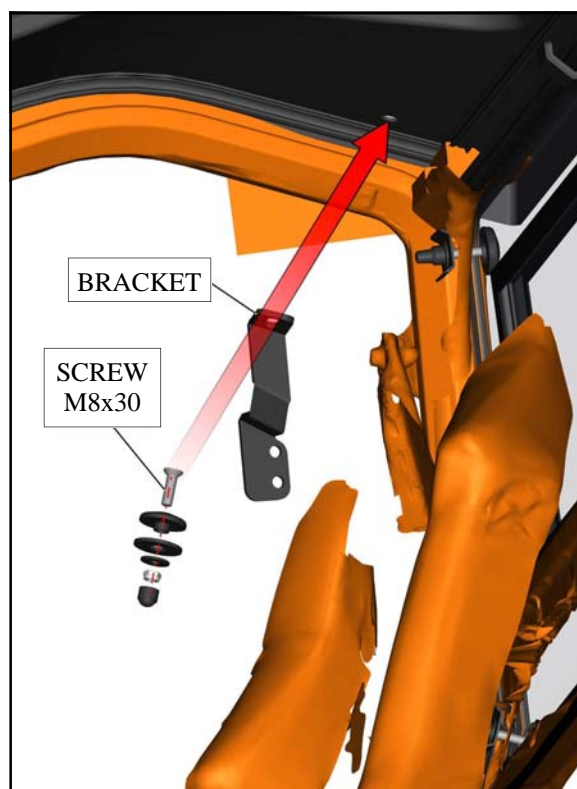


Fig. 4.3

5. DOORS

5.1 Loosen the door base holder screws (shown in the white circles in the picture) and align the right door base into position.

5.2 Mount the right door base to the holder with the supplied M8x20 screws, washers, and nuts. Turn the door base holder to the best position and tighten.

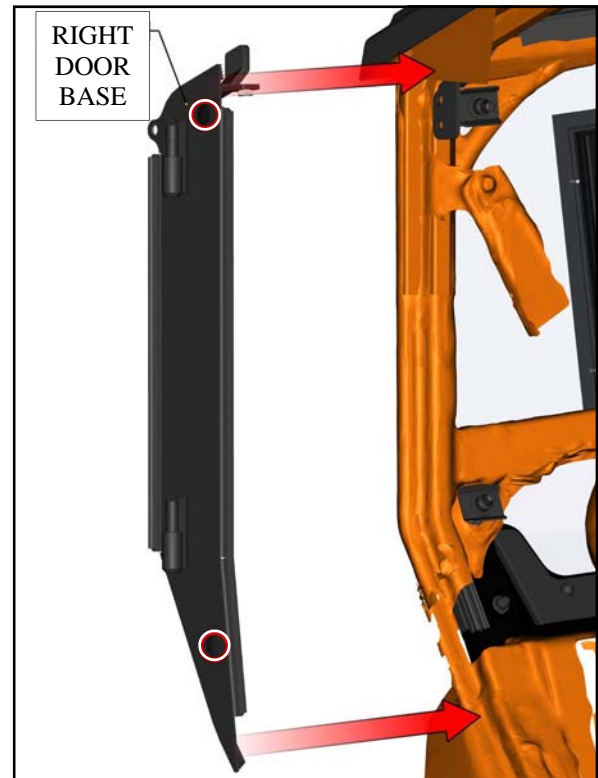


Fig. 5.1

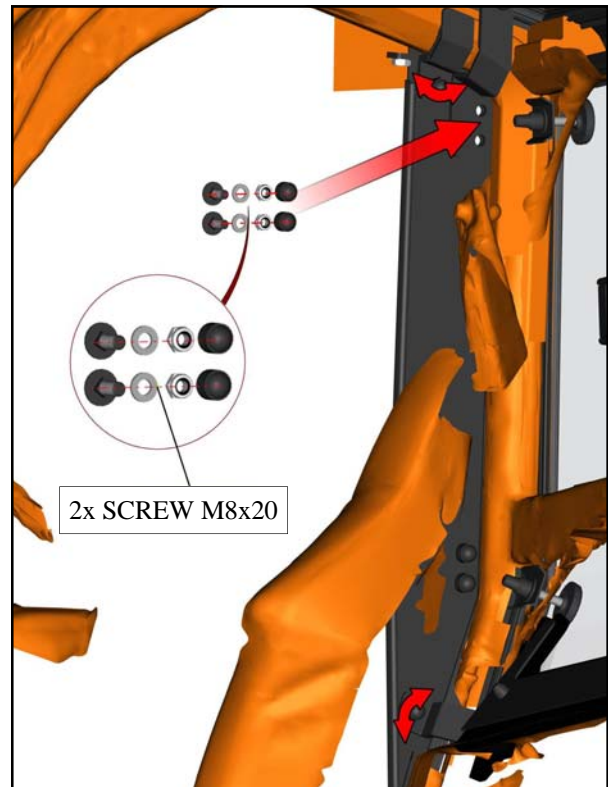


Fig. 5.2

5. DOORS (cont'd.)

5.5 Mount the right front sealing cover to the right front sealing assembly and attach with the supplied screws (M6x16).

5.6 Remove the hinge covers and place the right door onto the hinges.

5.7 Adjust the right door stop assembly into the best position (see the white and/or black arrows on the picture) and tighten the screws.

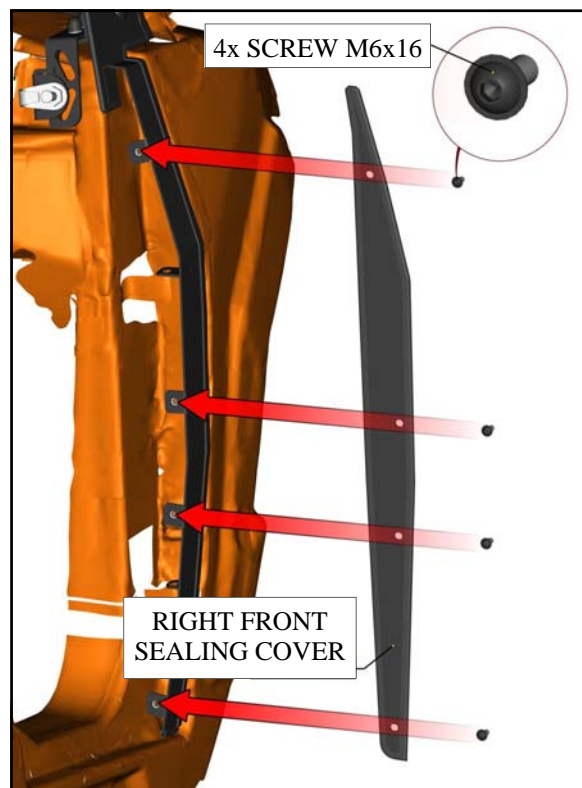


Fig. 5.5

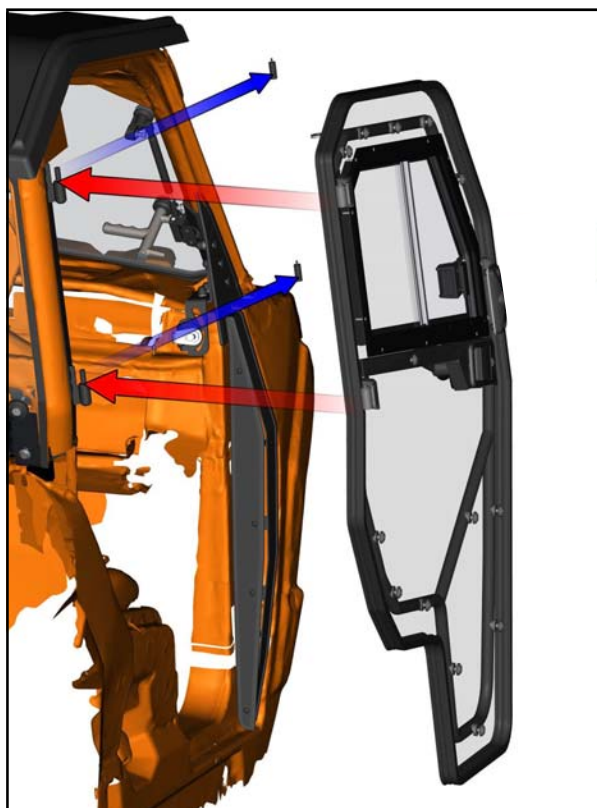


Fig. 5.6



Fig. 5.7

5. DOORS (cont'd.)

5.8 Mount the gas spring ball studs into the gas spring brackets.

5.9 Install the gas spring onto the ball studs.

5.10 Repeat previous steps with the left door.

5.11 Adjust the door latch assembly and/or the door latch bracket assembly to the best position and tight nuts firmly. Note: the door latch is a rotary type with two positions to close. Adjust door so that when fully closed door latch clicks **twice** for total engagement.

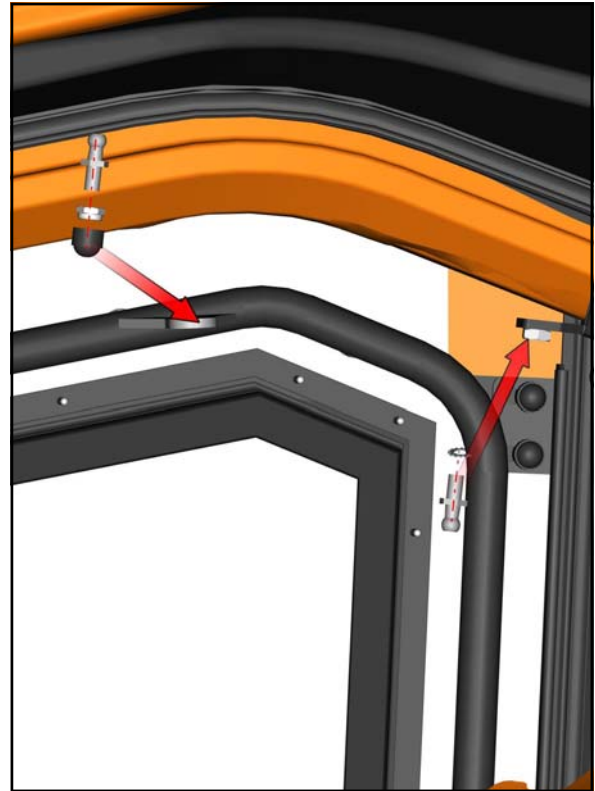


Fig. 5.8

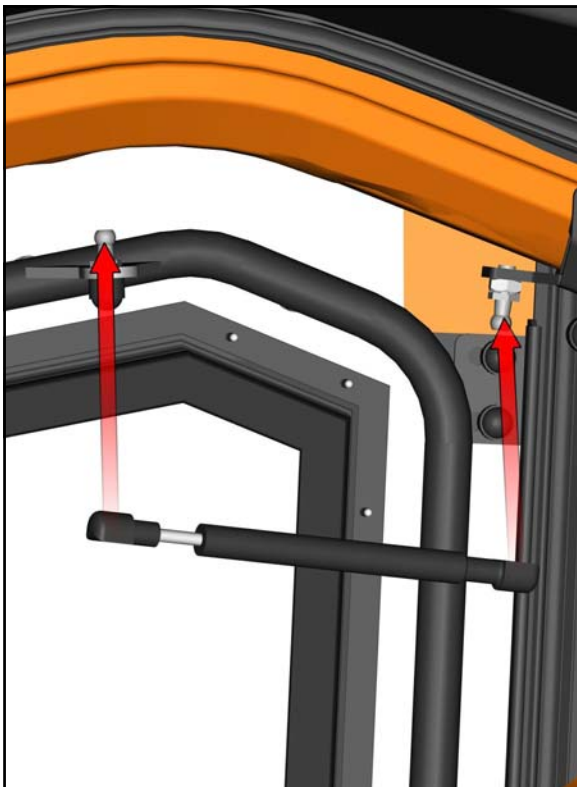


Fig. 5.9



Fig. 5.10

6. OPTIONAL WIPER

6.1 If a separate wiper was purchased, follow the instructions included with that kit. **CAUTION:** the inside surface of the windshield is coated with a plasticized safety film. Use care to avoid scratching the inside surface.

7. FINISHING TOUCHES

Caution: use care when tightening any flat head screw in countersunk holes in plastic components to avoid cracking. **Torque to 7 ft.-lbs. max.**

IMPORTANT: ROPS hardware must be torqued to the appropriate values on the BOLT TORQUE chart at the end of this manual.

Tighten all hardware at this time.

Install the windshield gas springs into the brackets oriented with the piston rod pointing down for best, continuous seal, lubrication, and longest piston gas spring life.

Silicone sealant can be used to close up any small surface transition areas/openings around the entire cab.

If the doors do not seal properly, it is acceptable to use care and bend the door frames to fit better.

SERVICE PARTS



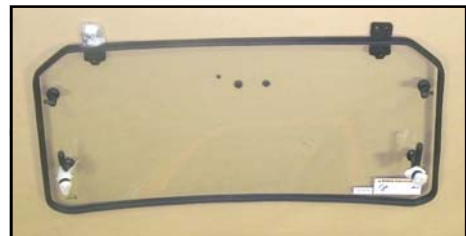
Left Door Assembly
p/n: 8SV-6110-07L



Right Door Assembly
p/n: 8SV-6110-07R



Rear Panel Assembly
p/n: 8SV-6110-06



Front Panel Assembly
p/n: 8SV-6110-02



Roof Assembly
p/n: 8SV-6110-01

ADDITIONAL SERVICE PARTS

Polaris General 1000 EPS ClearView Cab p/n: 1POLGENCV

PART NUMBER:	DESCRIPTION:
9SV-DSTRH	DOOR STRIKER KIT (SET OF 5)
9SV-00007	OUTER DOOR LATCH (QTY.: ONE)
9SV-00038	GAS SPRING HOLDER (QTY.: ONE)
9SV-00040	DOOR HANDLE (QTY.: ONE)
9SV-00041	LEFT INNER DOOR LOCK (QTY.: ONE)
9SV-00043	RIGHT INNER DOOR LOCK (QTY.: ONE)
9SV-00059	GLASS LOCK (QTY.: ONE) (FOR DOORS)
9SV-00064	GLASS STOP (QTY.: ONE) (FOR REAR PANEL AND DOORS)
9SV-00066	RIGHT FRONT HINGE ASSEMBLY (QTY.: ONE)
9SV-00067	GAS SPRING (QTY.: 2) (FOR WINDSHIELD AND DOORS)
9SV-00068	LEFT FRONT HINGE ASSEMBLY (QTY.: ONE)
9SV-00069	FRONT GLASS LOCK (PLASTIC) (QTY.: 2)
9SV-00070	RIGHT DOOR HINGE (QTY.: 2)
9SV-00071	LEFT DOOR HINGE (QTY.: 2)
9SV-00072	GLASS LOCK ASSEMBLY (QTY.: ONE) (FOR REAR PANEL)








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.		2				5				8*			
Bolt head identification mark as per grade. NOTE: Manufacturing Marks Will Vary						  				  			
Bolt Size		TORQUE				TORQUE				TORQUE			
		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

*Thick Nuts must be used with Grade 8 bolts

METRIC BOLT TORQUE SPECIFICATIONS

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