



**YAMAHA VIKING YXM 700
ClearView Cab p/n: 1YAMVKCV
fits model years up thru 2018
(fits Yanmar Bull model years up thru 2018)**

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)



Note: a windshield wiper is included with this cab kit.
Door mirrors are not included, but are available as a
separate additional option (p/n: 9PM6).

revised: 12-7-2018

p/n: IM-1YAMVKCV



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



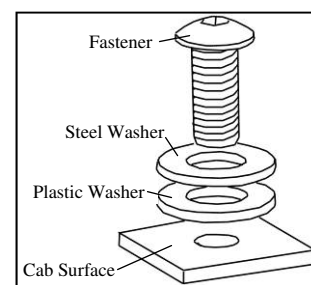
Engine exhaust, some of its constituents, certain vehicle components and fluids, contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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.

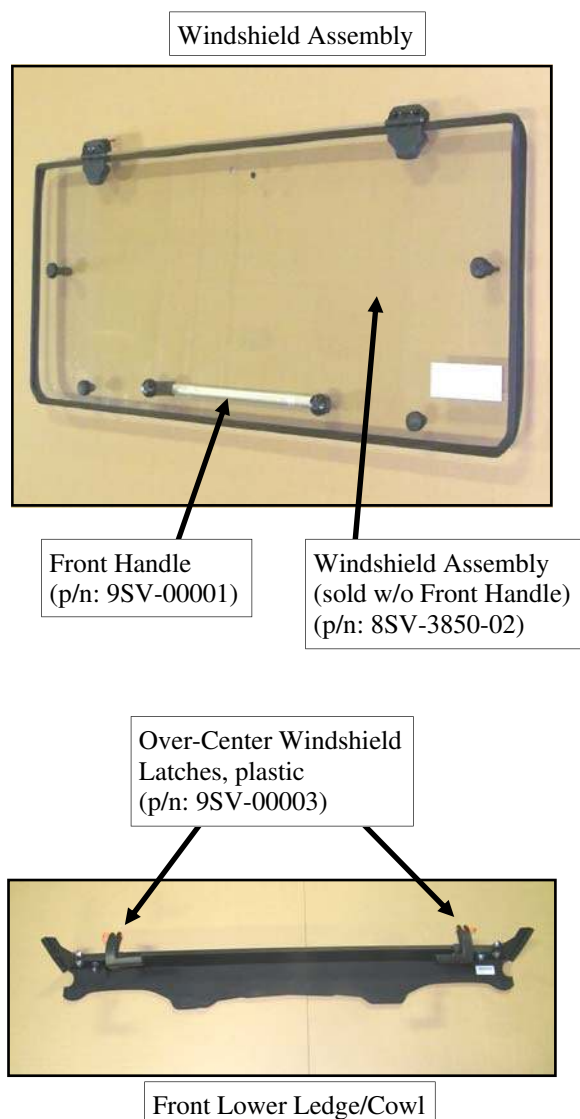
Check and tighten hardware after 40 hours of operation. Periodically inspect and tighten hardware for the remainder of the unit's life.

WINDSHIELD LATCH CONFIGURATIONS:

Note: there are two configurations that have been manufactured and distributed. Below is a brief description of each style. Photos throughout the manual may or may not reflect the exact configuration you received. This page is to visually illustrate the differences between the two configurations.

Note: the p/n's below are service parts that are made available to purchase.

Configuration no. 1 is shown down the left side of the page. It consists of a front handle and over-center-style windshield latches which are made of plastic. Note: the center distance between the latches is greater than configuration no. 2.

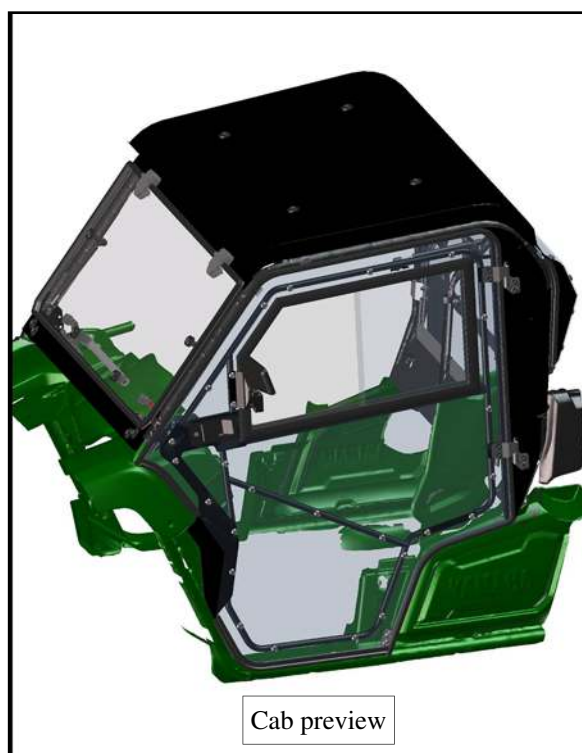
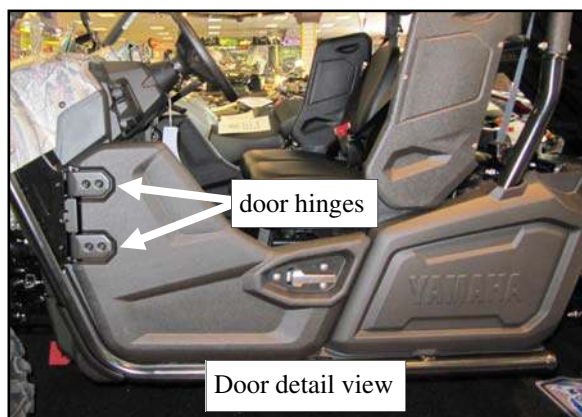


Configuration no. 2 is shown down the right side of the page. It consists of twist-style windshield latches that are supplied in either plastic or metal. Note: the center distance between the latches is less than configuration no. 1.



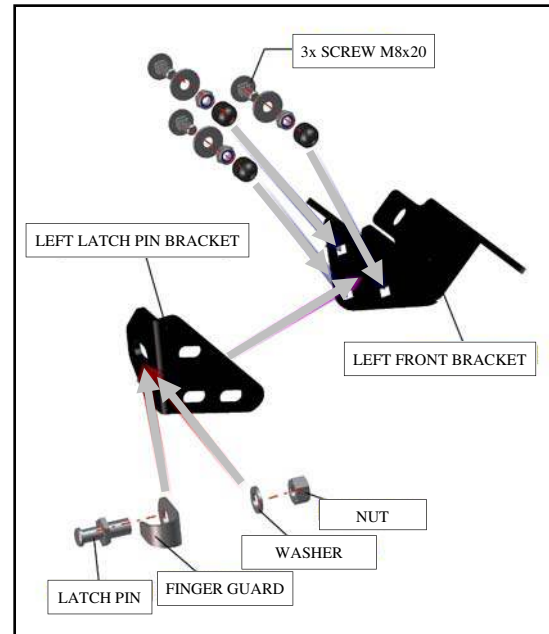
1. VEHICLE PREP:

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 roof and the OEM doors from the ROPS.



2. FRONT BOTTOM LEDGE

Install the latch pin components (latch pin, finger guard, washer, and nut) to the left latch pin bracket as shown. Attach this latch pin bracket assembly to the larger left front bracket as shown using three M8 x 20 screws as shown. **CAUTION: be sure to identify and install left side components on left side of vehicle! See left side assembly in next photo.**

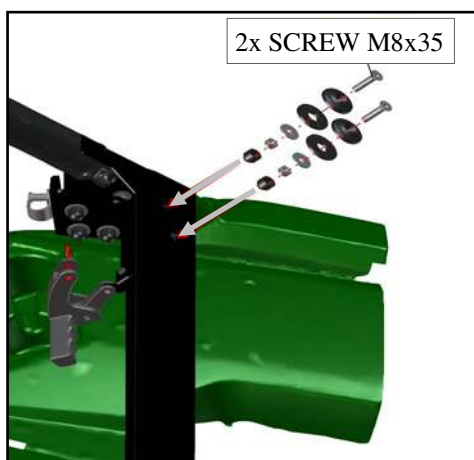
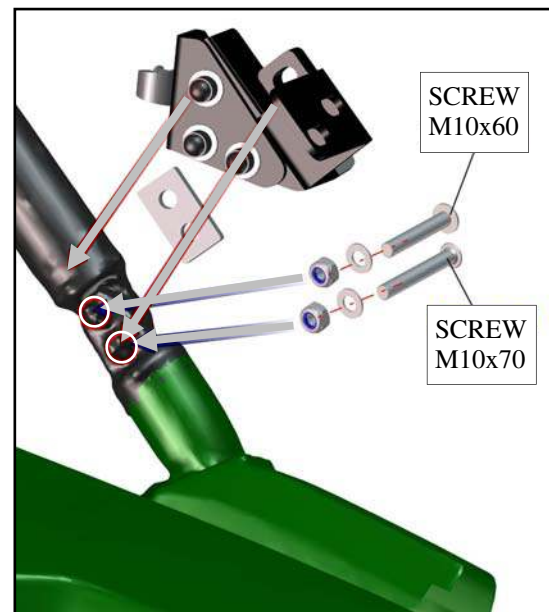


Remove and discard the OEM ROPS screws from the front bottom part of the R.O.P.S.: Work on the left side of the vehicle first. Place the rectangular metal spacer on the outboard surface of the R.O.P.S. and the left front bracket assembly onto the inboard surface of the R.O.P.S.

Attach to the R.O.P.S. with the hardware shown. Note the 60mm versus 70 mm screw length locations. The M10 x 60 screw is up top and the M10 x 70 is down bottom.

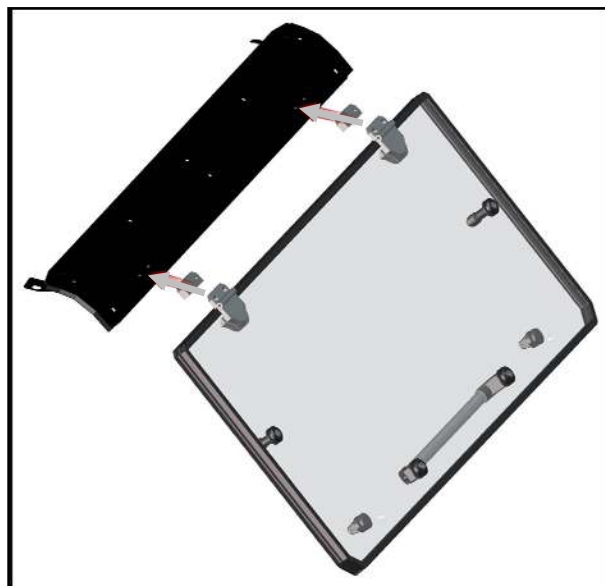
Repeat the last two steps for the opposite side of the vehicle.

Place the front bottom ledge onto the brackets and onto the front hood. Attach the front bottom ledge using the hardware shown below (M8 x 35). Repeat for right side of vehicle. When tightening is called for on p.7, do not over tighten and crack large plastic washer. **Use 7 ft.-lbs. maximum.**



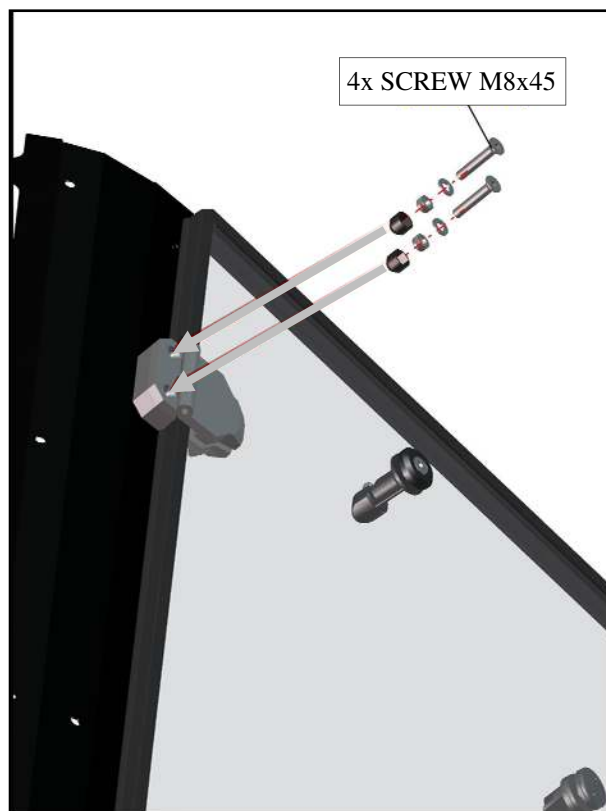
Place the front panel assembly and the hinge spacer blocks onto the front upper ledge.

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.



Attach using the hardware shown (M8 x 45) (left and right side of vehicle). Per the photo to the top right, 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.



Temporarily remove the original screw from the front upper ROPS cross brace bracket. Insert 3 washers (10mm) (shown in the white circle) and re-install the OEM screw. Repeat for opposite side of vehicle.



Place the front panel assembly onto the ROPS.

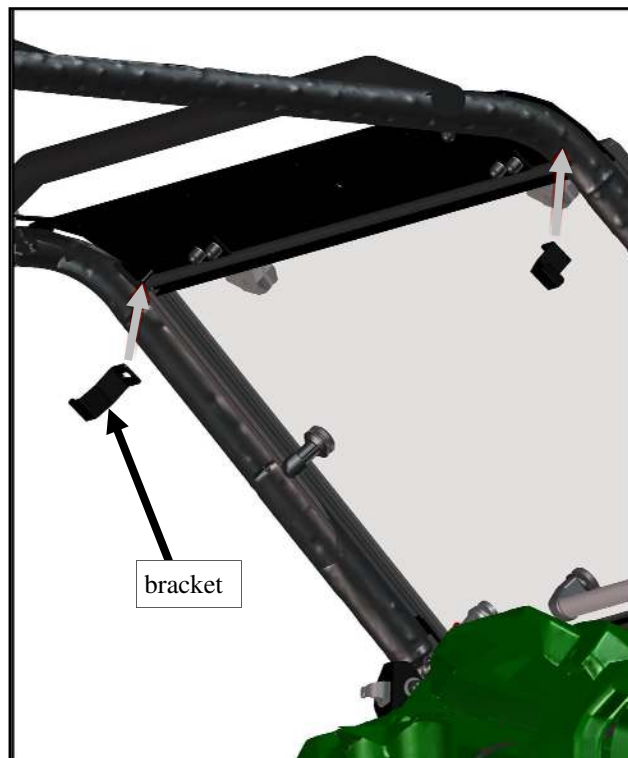
Caution! The inside surface of the front panel is coated with a plasticized safety film. Use care when cleaning the front panel to avoid scratching the inside surface.



Attach the front upper ledge to the ROPS original cross brace bracket using the hardware shown (M8 x 50).



Place the front upper brackets onto the front upper ledge and the ROPS.

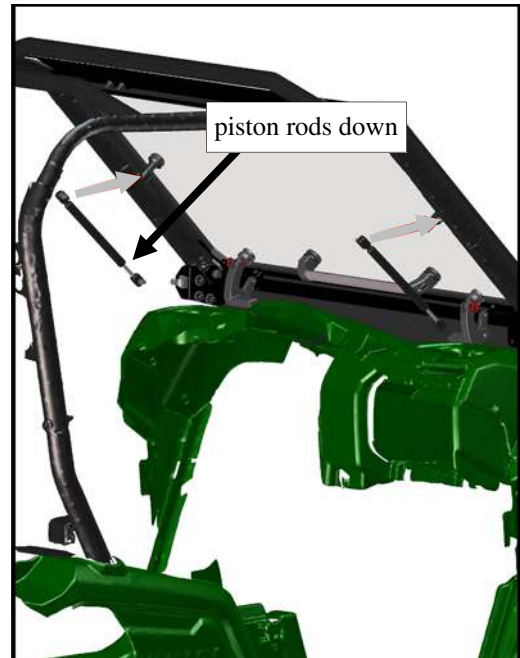


Attach the brackets using the hardware shown (M8 x 20mm long carriage bolts).

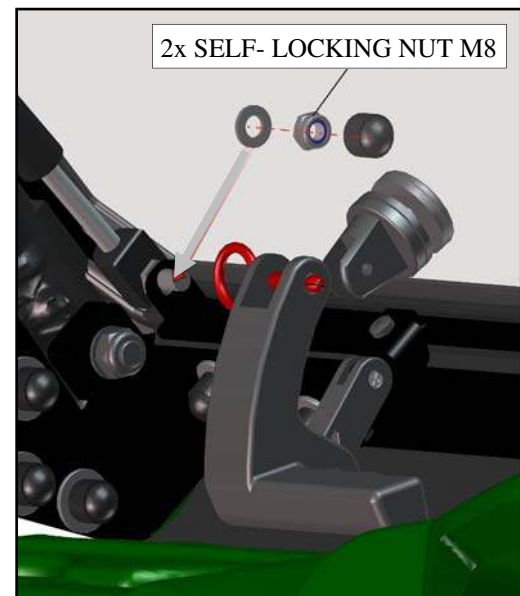
Make necessary adjustments for best fit and tighten all nuts and screws installed so far. Care should be taken not to over tighten the fasteners and damage the plastic washers!



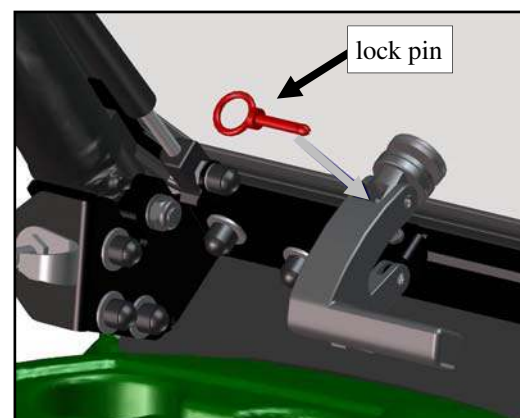
Install the gas springs onto the gas spring mount oriented as shown in the photo with the piston rod pointing down for best, continuous seal lubrication and longest gas spring life.



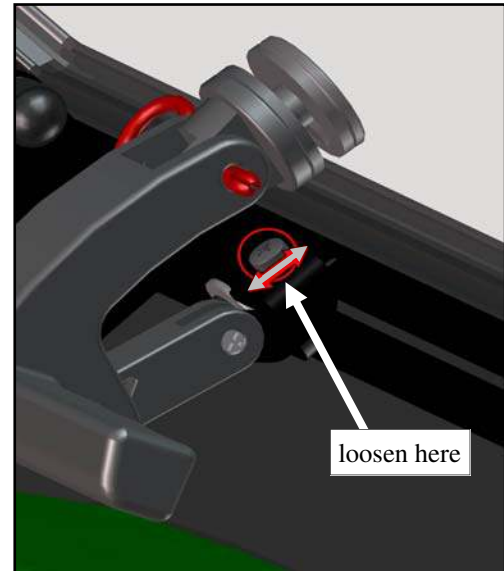
Attach the lower end of the gas spring with the hardware shown (M8).



Install the lock pin as shown. Repeat for opposite side of vehicle.

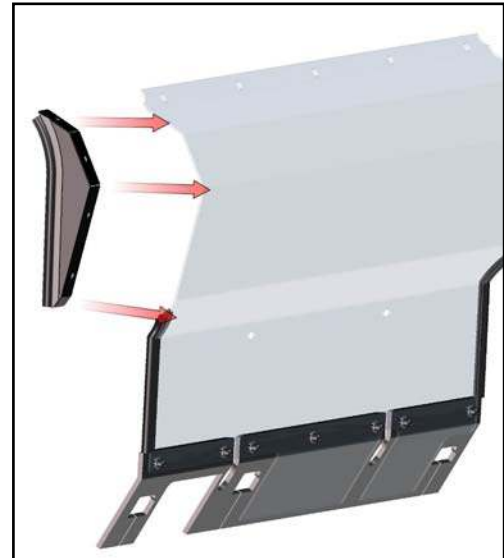


If necessary, loosen the glass lock holder screw on both sides and adjust the glass lock holder for better sealing. Tighten the screws and nuts firmly.



3. REAR PANEL

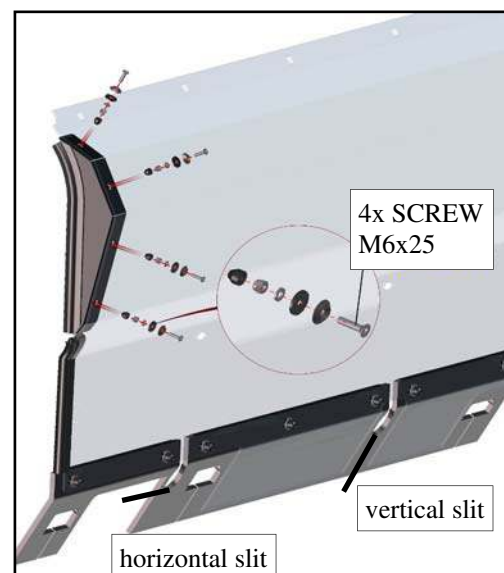
Place the left rear side onto the rear window assembly.



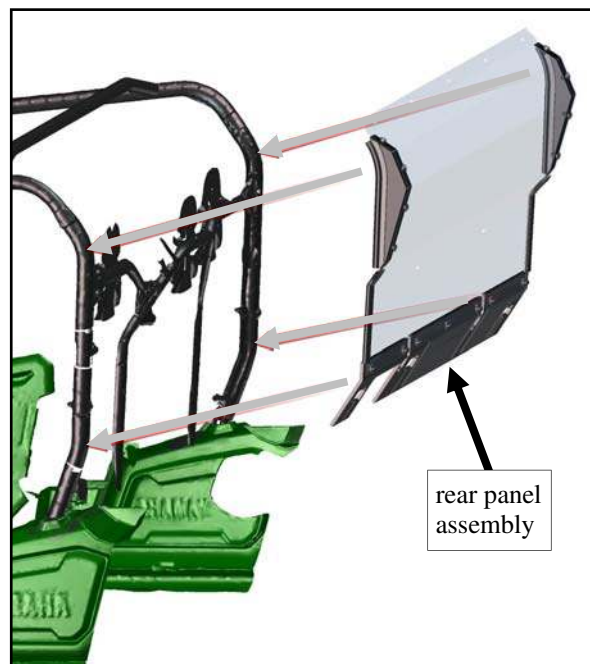
Attach using the hardware shown (M6 x 25).

Repeat previous rear panel steps with the right rear side.

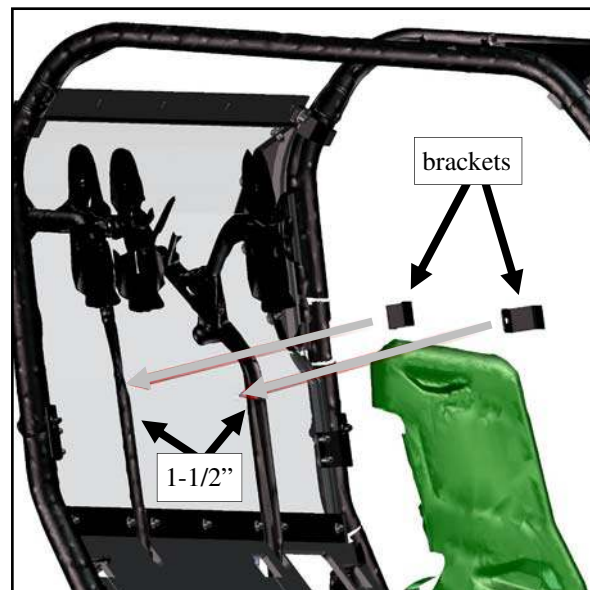
As shown with exaggerated heavy black lines near the large text boxes, two thru slits are required to be cut so that the foam may be positioned behind the ROPS tubing once installed. With a utility knife, cut a short, horizontal slit where shown at the bottom of the radius and out to the left. For the vertical slit, start at the bottom of the other radius where shown and make a long cut straight down.



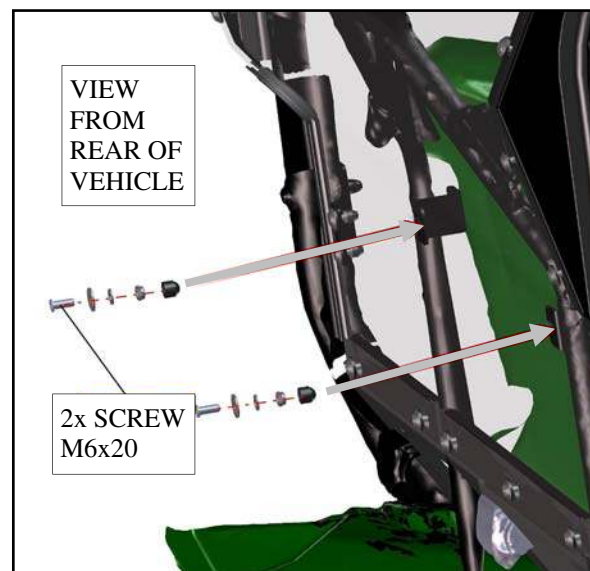
Place the rear panel assembly onto ROPS.



Place the rear center brackets onto the rear panel and onto the smaller, center 1-1/2" diameter ROPS rear cross brace tubing.

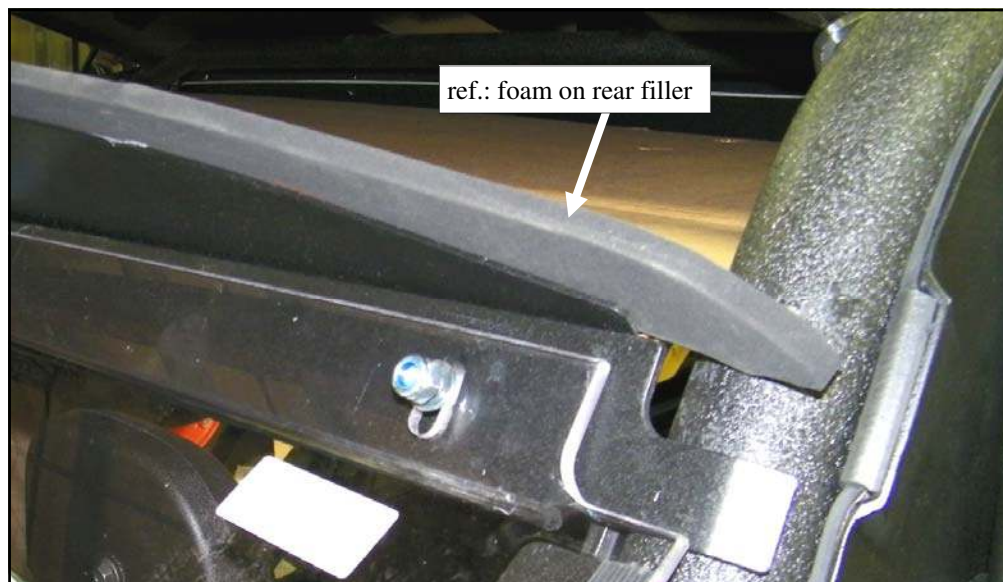
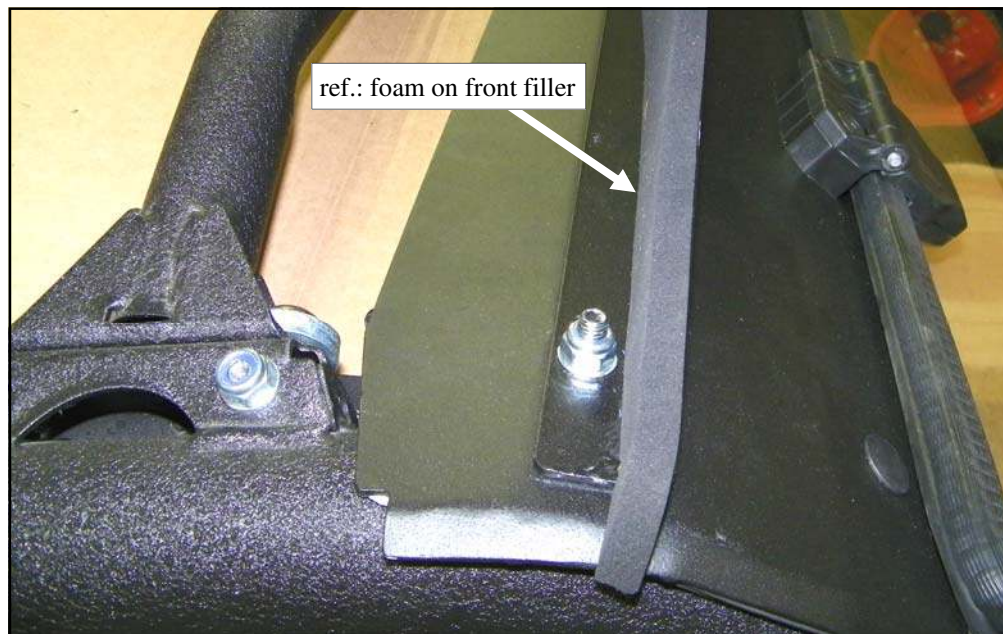


Attach using the hardware shown (M6 x 20).



Per the upper photo, which is taken from the front passenger's side, install the front roof filler to the upper front area of the ROPS tubing as shown.

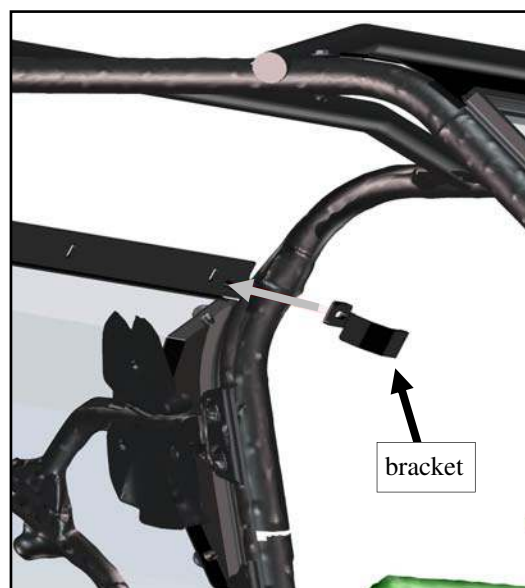
Per the lower photo, which is taken from the rear passenger's side, install the rear roof filler to the upper rear area of the ROPS tubing as shown.



Place the rear upper support between the rear panel and ROPS.



Place the rear left upper bracket onto the rear support and onto the ROPS using the M8 hardware shown below.



Place the rear right upper bracket onto the rear support and onto the ROPS. Attach using the hardware shown (M8) on both sides of the vehicle.

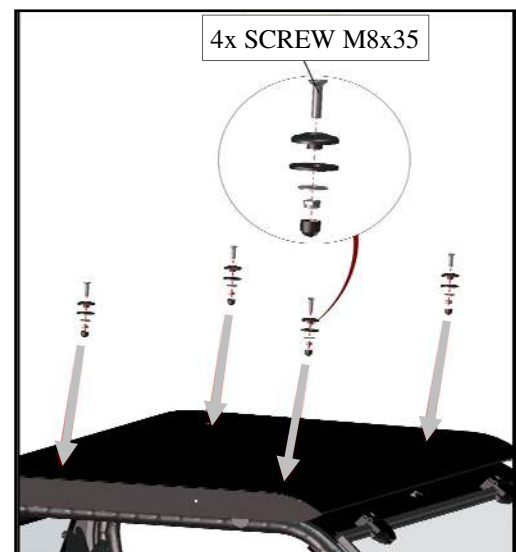
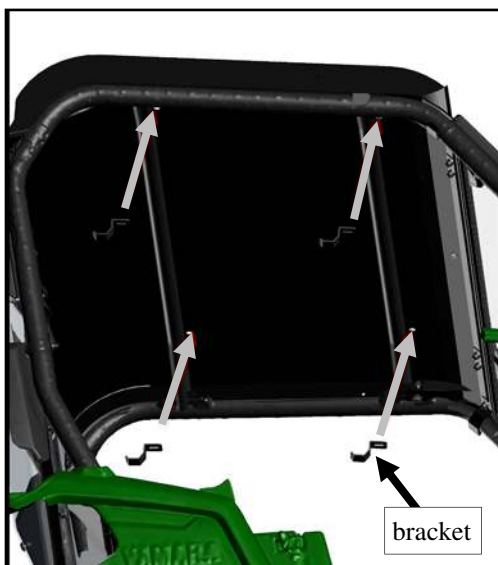


Prep the roof prior to installing it. Per the photo to the right, install the supplied bulb rubber to the entire right side of the O.E.M. plastic roof. Repeat for left side of roof.

Place the roof onto the ROPS and adjust for best fit.

Place the 4 roof brackets onto the roof and onto the ROPS.

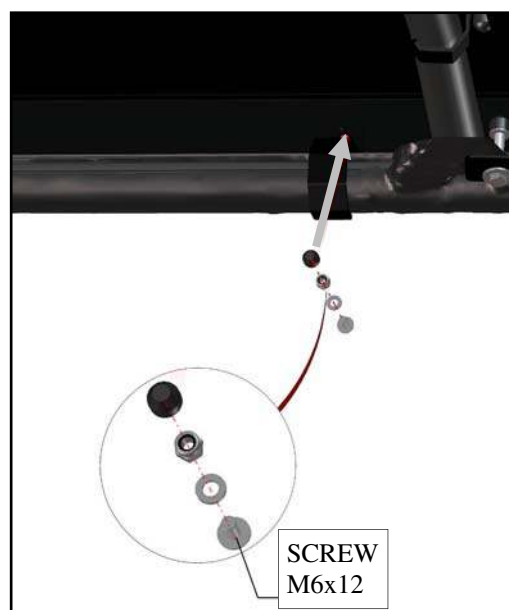
Attach using the hardware shown (M8 x 35 Flat Head Screw).



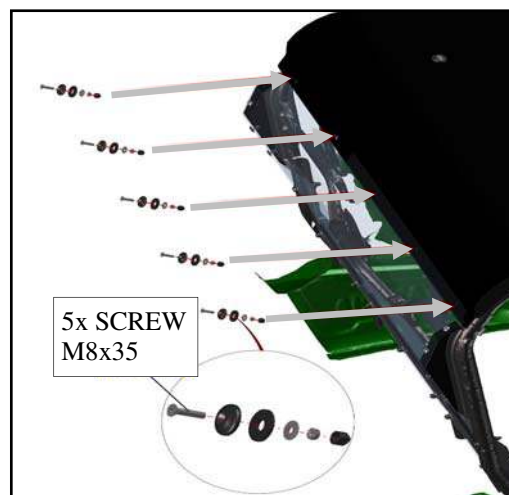
Place the roof side brackets onto the roof and onto the ROPS on both sides.



Attach using the hardware shown (M6 x 12).



Attach the roof, rear panel, and rear upper support using the hardware shown (M8 x 35 Flat Head Screw). See the two bottom photos. The roof material should be the rear-most component, then the clear, hard rear panel, then the sheet metal rear upper support component.



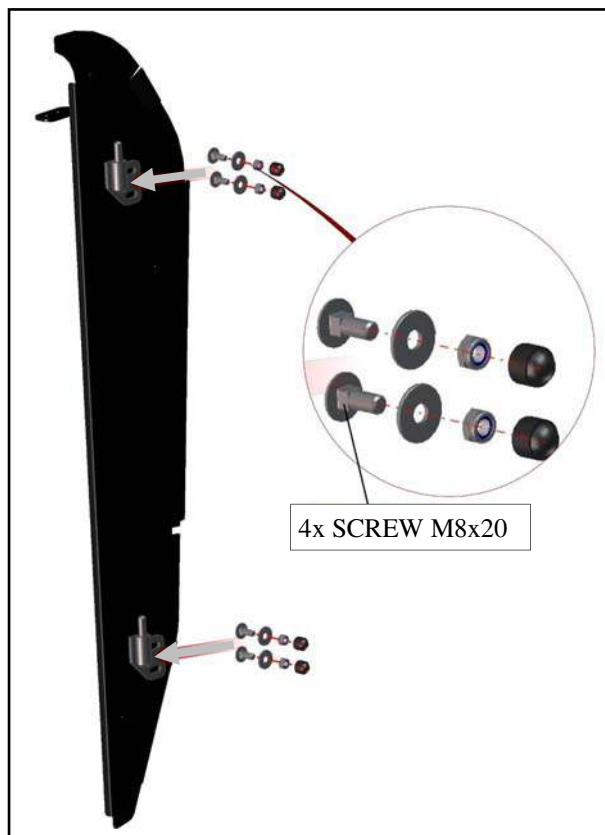
4. DOOR BASES

Place the LEFT hinges onto the LEFT door base.

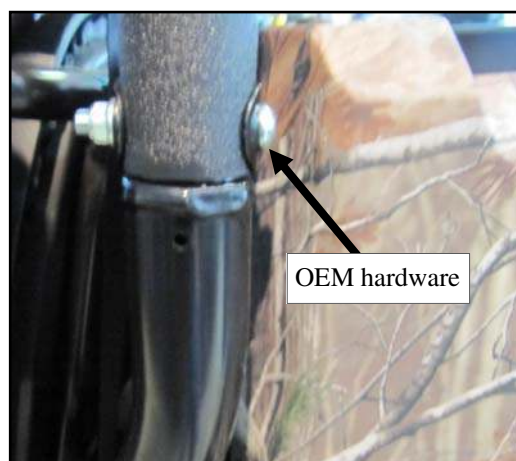


Attach using the hardware shown (M8 x 20 Carriage Bolt).

Repeat previous door steps for the right side of the vehicle.



Temporarily remove the OEM screws, washers, and nuts from the ROPS on both sides. See next photo for an enlarged view of the white circle shown in the top photo.

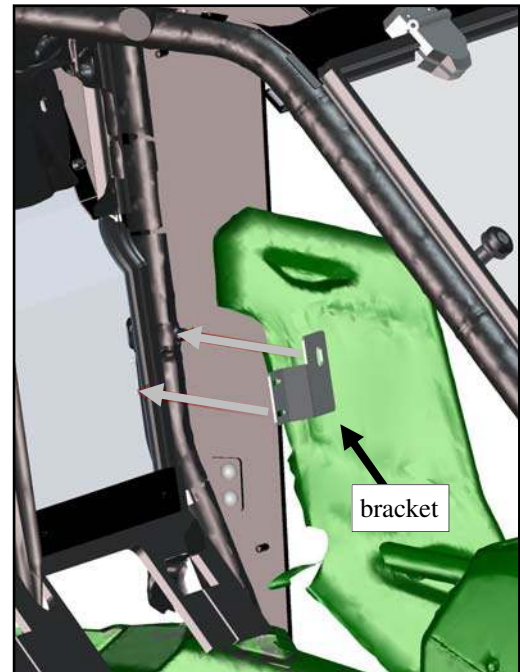


Place the door hinge plate onto the ROPS and adjust for best fit.

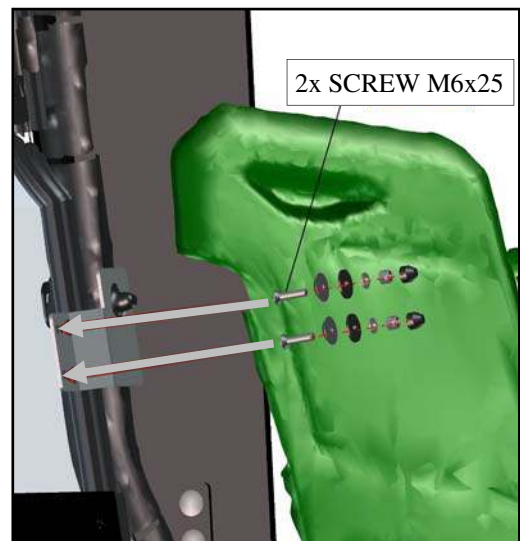


5. REAR PANEL 2.

Place the left rear bracket onto the rear panel and onto the ROPS.

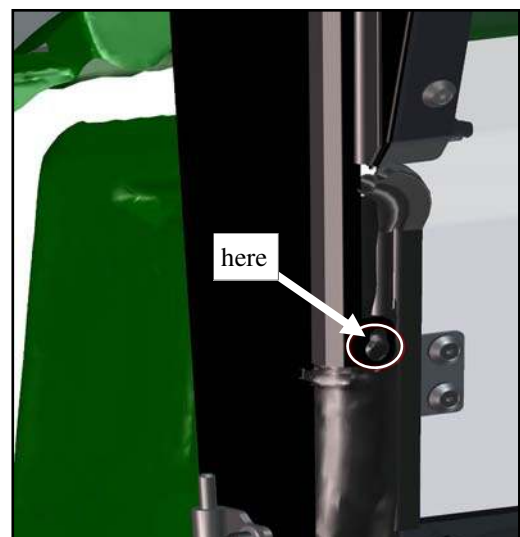


Attach using the hardware shown (M6 x 25).

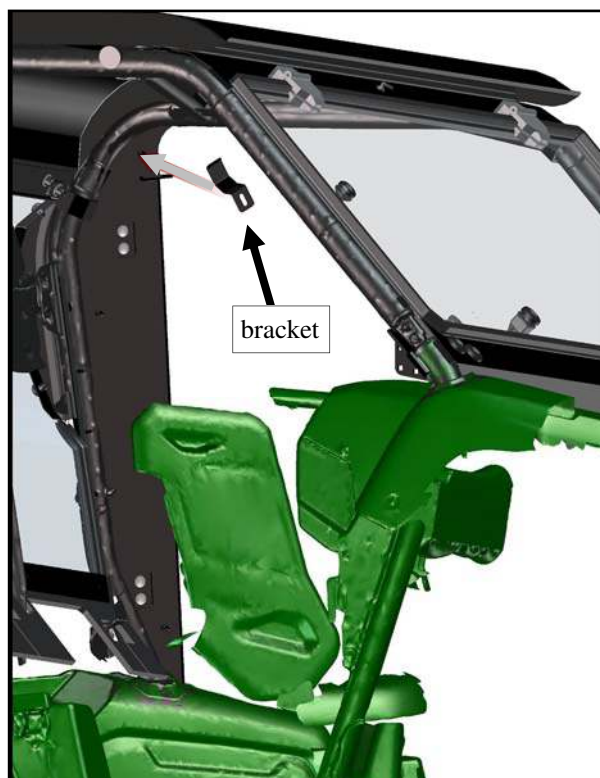


Attach the rear bracket and door hinge plate to the ROPS using the OEM screw (shown in the white circle), washers, and nut.

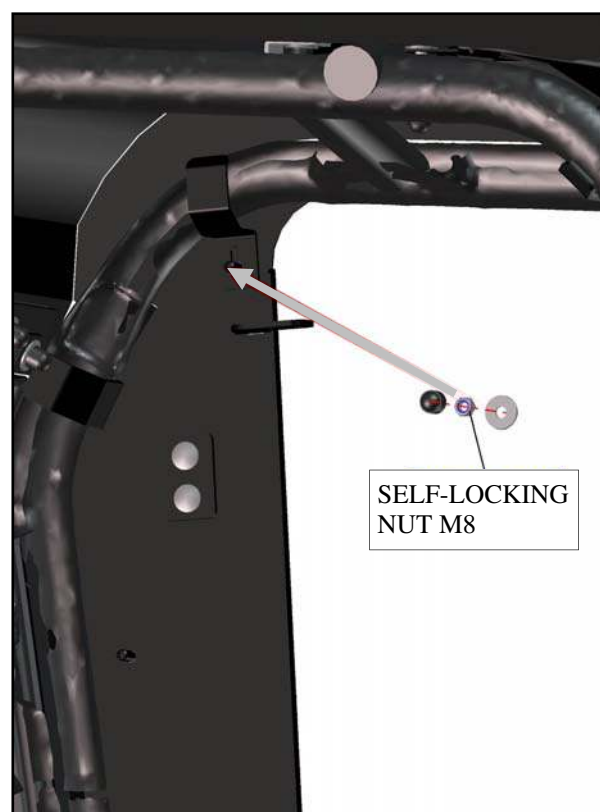
Repeat above steps for the right side of the vehicle.



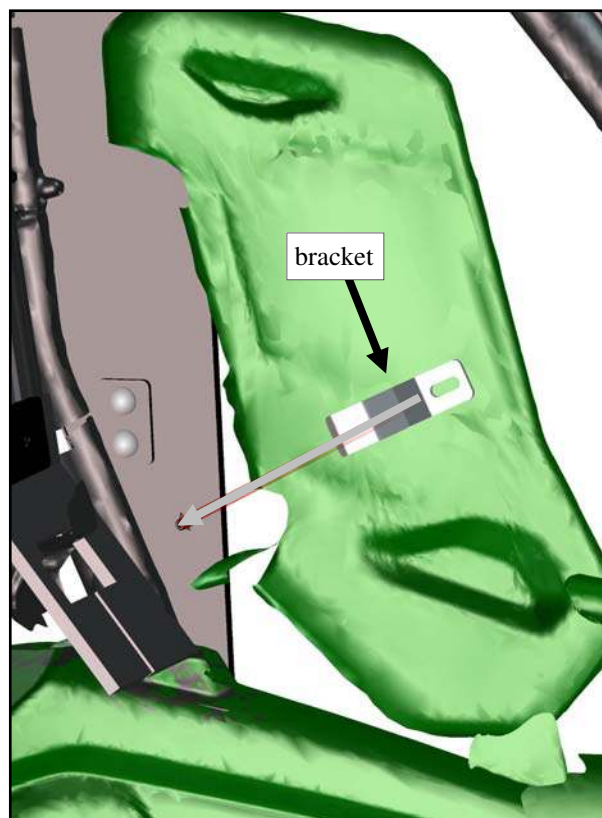
Place the upper door hinge plate bracket onto the door hinge plate and onto the ROPS.



Attach using the hardware shown (M8).



Place the bottom door hinge plate bracket onto the door hinge plate and onto the ROPS.



Attach using the hardware shown (M8).

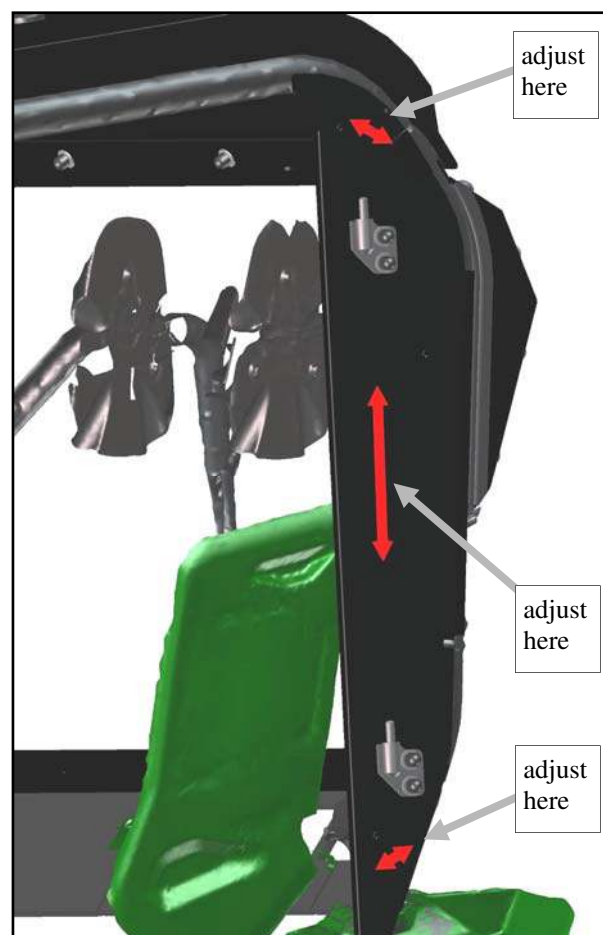


DETAIL VIEW



Adjust the door base for best fit and tighten all nuts and screws.

Repeat for the right side of the vehicle.



Place the door hinge plate middle bracket onto the door hinge plate and onto the ROPS cross brace bracket.



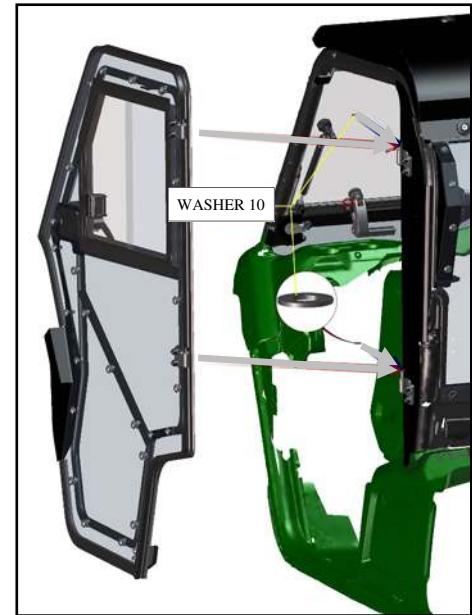
Attach the bracket to the door hinge plate using the hardware shown (M8 x 20).



Attach the bracket to the ROPS cross brace bracket with the hardware shown (M8 x 30). NOTE: feed the bolt in from the rear of the vehicle so that the washer and nut are towards the front of the vehicle for ease of assembly. See next page for a detailed view.



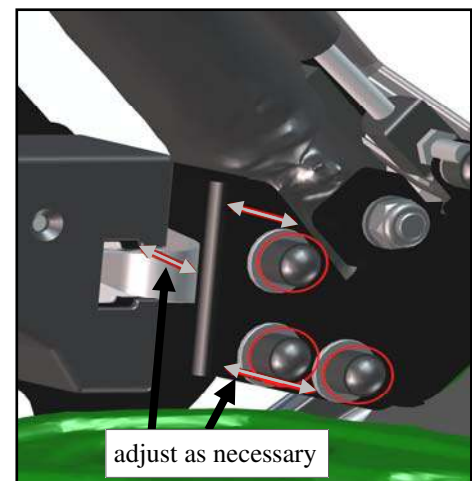
Lubricate the hinge pins and install one washer onto each hinge pin. Install the door onto the hinge pins.



Adjust the door by the hinges for best fit and tighten hinge nuts firmly.



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. If more adjustment is necessary, repeat previous steps.



Place the gas spring into the gas spring mounts. Orient the piston rod so that it is forward for best, continuous seal lubrication and longest gas spring life.



Attach using the hardware shown (M8).



If necessary, apply silicone into the gaps between door hinge plate and ROPS.



6. WINDSHIELD WIPER

Per the upper photo, mount the wiper motor and the flat cover plate to the inside surface of the windshield.

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

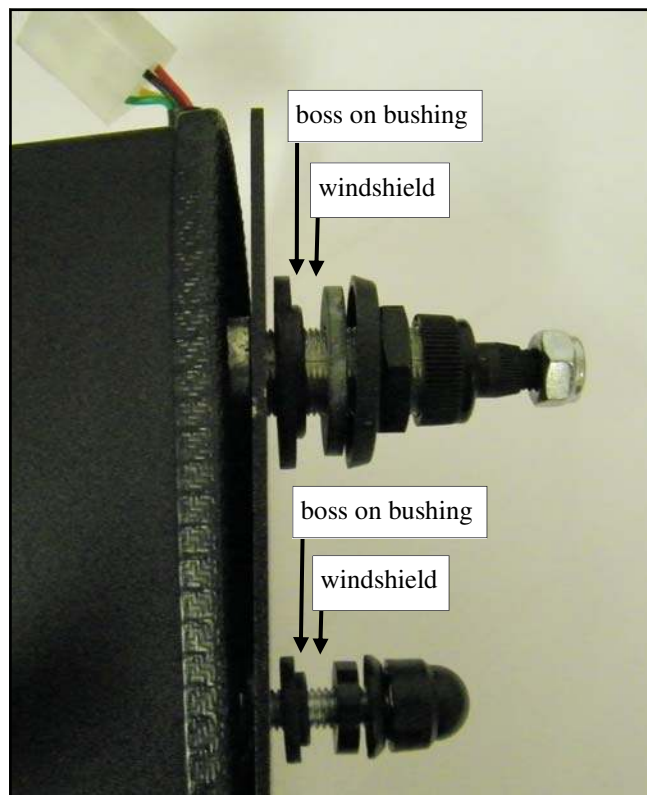
Sandwich the windshield where shown. Orient the bosses on the left-most plastic washers as shown (pointing towards the windshield location/placement). NOTE: if the bosses do not fit into the holes in the windshield, the installation can still be completed as is.

Run the wiring through the front foot space to the right side of the vehicle

Run the wiper wiring to the wiper motor along the windshield support and the ROPS tubing

Mount the rocker switch in the dash at the installer's discretion.

Make wiring connections from the switch to the battery.



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.**

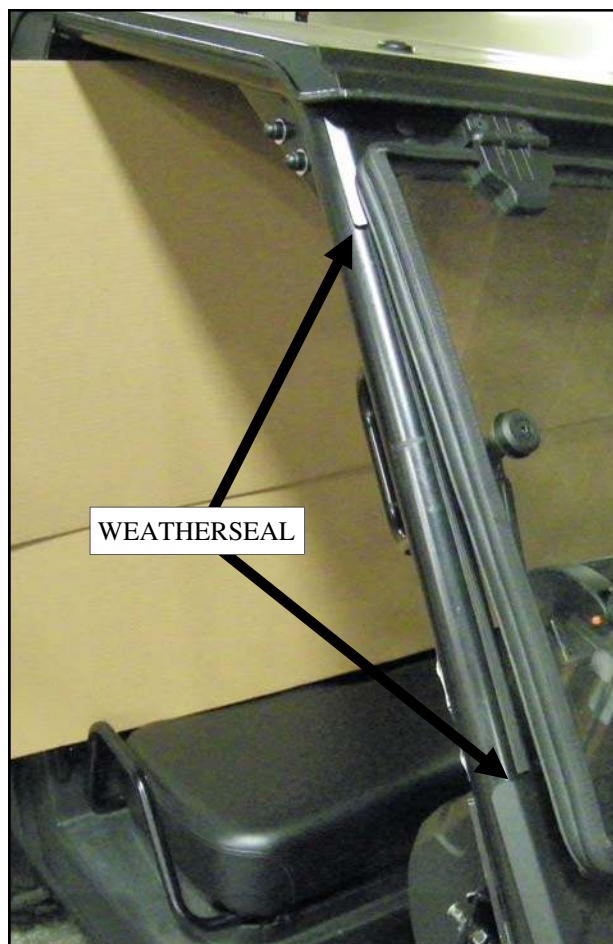
IMPORTANT: ROPS hardware must be torqued to the appropriate values on the BOLT TORQUE chart at the end of this manual.

Tighten all hardware at this time.

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

Per the lower photo, install a sufficient length of the pressure sensitive adhesive backed weatherseal on the front face of the ROPS tubing between the two arrowheads shown. Start and finish tight up against the upper and lower sheet metal edges for best sealing. Repeat for opposite side of vehicle. NOTE: for best adhesion, weatherseal should be applied to a clean, dry surface at room temperature.

If the doors do not seal properly, it is acceptable to use care and bend the door frames to fit better. For door gaps that remain after manually bending the door frame, those gaps can be closed off via the supplied arch PSA (Pressure Sensitive Adhesive) bulb rubber as needed to improve the condition.



SERVICE PARTS



Rear Panel Assembly
p/n: 8SV-3805-06



Front Panel Assembly
p/n: 8SV-3805-02



Left Door Assembly
p/n: 8SV-3805-07L



Right Door Assembly
p/n: 8SV-3805-07R

ADDITIONAL SERVICE PARTS

Yamaha Viking YXM 700 ClearView Cab p/n: 1YAMVKCV

PART NUMBER:	DESCRIPTION:
9SV-GSM	GAS SPRING MOUNT (SET OF 2)
9SV-00001	WINDSHIELD HANDLE (QTY.: ONE)
9SV-HWS	WINDSHIELD HINGE KIT (SET OF 2) (COMES W/ 3/4" SPACER BLOCK AND NYLON HINGE BUSHING)
9SV-00002	GAS SPRING (SET OF 2) (WINDSHIELD)
9SV-00003	WINDSHIELD LATCH KIT (1 LEFT AND 1 RIGHT) (OVER-CENTER STYLE)
9SV-00027	WINDSHIELD LATCH KIT (QTY.: 2) (TWIST STYLE)
9SV-00004	INSIDE DOOR LATCH, LEFT (QTY.: ONE)
9SV-00005	INSIDE DOOR LATCH, RIGHT (QTY.: ONE)
9SV-00006	INNER DOOR HANDLE (QTY.: ONE) (SAME ON BOTH DOORS)
9SV-00007	OUTER DOOR LATCH (QTY.: ONE) (SAME ON BOTH DOORS)
9SV-00008	DOOR HINGE SLEEVE, LEFT (QTY.: 2)
9SV-00009	DOOR HINGE SLEEVE, RIGHT (QTY.: 2)
9SV-DSTRH	DOOR STRIKER KIT (SET OF 5)
9SV-00010	DOOR LATCH MOUNT, LEFT (QTY.: ONE)
9SV-00011	DOOR LATCH MOUNT, RIGHT (QTY.: ONE)
9SV-00022	DOOR HINGE PIN, LEFT (QTY.: 2)
9SV-00023	DOOR HINGE PIN, RIGHT (QTY.: 2)
9SV-00014	WIPER ARM (QTY.: ONE)
9SV-00035	WIPER BLADE (QTY.: ONE)
9SV-00096	SWITCH FOR WIPER (QTY.: ONE)








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			