



**Polaris Ranger 800 Crew PathPro SS Cab
(fits 2010 - current)
(p/n: 1PRG800CFS1)**

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

APPROXIMATE INSTALLATION TIME: 4 HOURS
(excluding accessories)



Additional options available (not shown):

Windshield Wiper (p/n: 1POLRLCWPR)
Strobe Light (p/n: 9LS1)
Interior Rear View Mirror (p/n: 9PM3)
Tapered Poly Snow Plow (p/n: 1POLUTP)
Work lights (p/n: 9LW1)
Heater (p/n: 9PH20S39)




ADDED WEIGHT 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

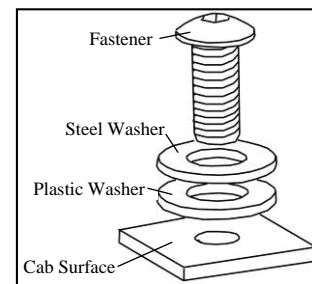
	This cab enclosure does not provide protection from rollover or other accidents.
	This cab enclosure does not provide protection from flying objects including golf balls.
	This cab enclosure does not provide protection from lightning. When lightning threatens take cover and do not operate vehicle.

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.
- 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 to the right.
- Apply a clear silicone sealant to seal any minor gaps that may occur due to vehicle variations.



TOOLS REQUIRED:

Set of Standard Sockets (3/8" Drive)
 One 3/8" Drive Ratchet
 Set of Standard Open End Wrenches
 Set of Standard Allen Wrenches
 Phillips Head Screwdriver (medium)
 Tape Measure
 Scissors
 Grease

1. FRONT MOUNTS

1.1 Per fig. 1.1, remove and discard the two bolts and two nuts shown in the lower, front, right corner of the R.O.P.S. frame tubing (R.O.P.S. = Roll Over Protection Structure). New, longer, black hardware is supplied.

1.2 Per fig. 1.2, locate the two custom spacers as shown.

1.3 Per fig. 1.3, install one custom spacer into the out-board recess on the lower, front, passenger's side as shown.

1.4 Per fig. 1.4, install a 3/8-16 hex nut (no washer) in the bottom portion of the inboard slot as shown. Install a single, basic spacer in the upper portion of the inboard slot as shown.



Fig. 1.1 (view from passenger's side)



Fig. 1.2 (front and side view of custom spacers)

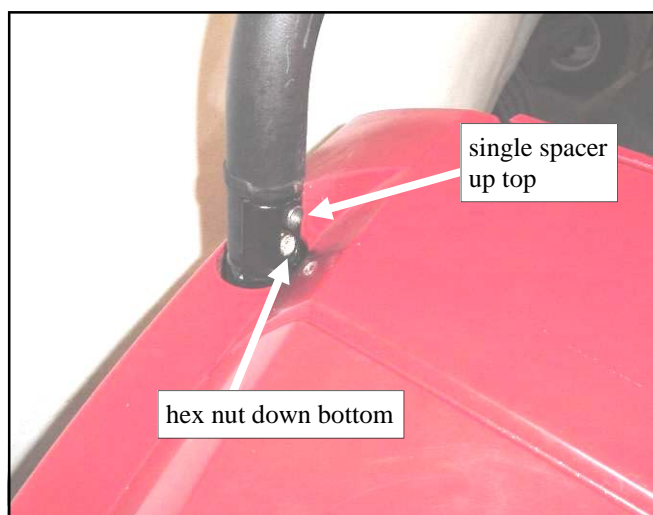


Fig. 1.4 (view from front of vehicle)



Fig. 1.3 (view from passenger's side)

1. FRONT MOUNT (cont'd.)

1.5 Per fig. 1.5, install the passenger's side striker mount as shown. Note: you may need to spread the ears on the mount for easier installation. Tip: the black plastic washers can be difficult to distinguish from the black steel washers. Use a magnet or look for witness marks left on the plastic washers from the mold ejector pins. Install a 3/8-16 x 2-3/4" long button head bolt and a 3/8" small, standard, steel washer through the top hole starting from the outboard side. Note: a drift pin or a screwdriver may be helpful in lining up the first hole due to the frame tubing springing when it was initially un-bolted. Pass the bolt through the sheet metal, through the custom spacer, through the frame, through the single spacer, then use a 3/8" small, standard, steel washer and a hex nut on the inboard side. The bottom hole requires a 3/8-16 x 2" long button head bolt and a 3/8" small, standard, steel washer under the head. This bolt passes through and engages into the previously, loosely installed hex nut without a steel washer on the inboard side. Do not tighten bolts.

1.6 Per fig. 1.6, install a wide P-clamp (3/4" wide) approximately where shown and oriented so the flat section is towards the outside of the vehicle. The other leg of the P-clamp is to be against the inside surface of the sheet metal mount. Install one 5/16-18 x 1" long button head bolt, two 5/16" small, standard, steel washers, and one hex nut connecting the P-clamp to the front mount as shown. The head of the bolt and one 5/16" small, standard, steel washer are to be towards the outside of the vehicle. Tighten the three newly installed bolts on this front mount.

1.7 Repeat steps 1.1 thru 1.6 for the driver's side.



Fig. 1.5 (view from front of vehicle)

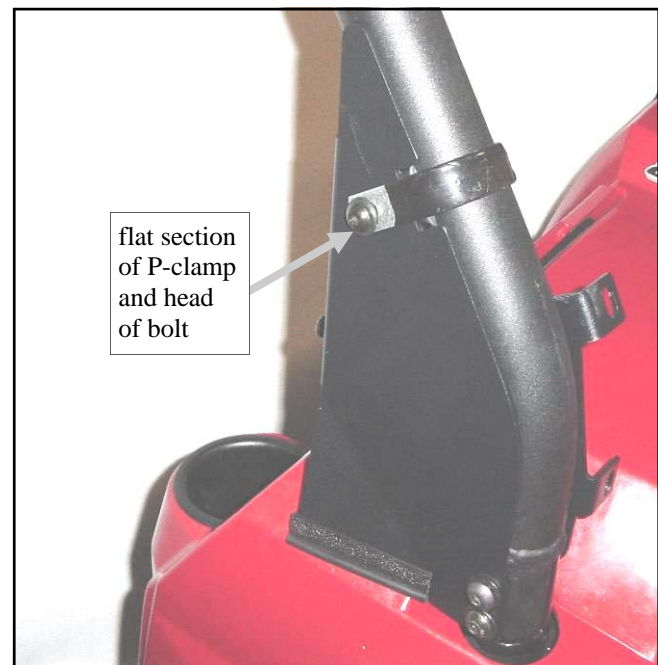


Fig. 1.6 (view from passenger's side)

2. COWL

2.1 Per fig. 2.1, install the cowl as shown with the bulb rubber against the hood. Fasten using four 5/16-18 x 1" long button head bolts, four plastic washers, eight 5/16" small, standard, steel washers, and four locknuts. Note: when tightening the bolts, be sure to push the cowl down against the hood of the vehicle to obtain the best seal.

2.2 Per fig. 2.2, 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 5/16" small, standard, steel washers as required.



Fig. 2.1 (view from front of vehicle)

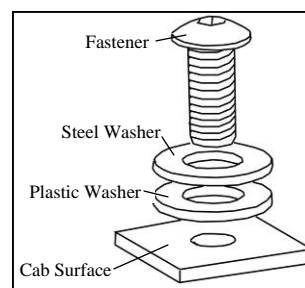


Fig. 2.2 (installation order)

3. REAR ROOF

3.1 With assistance, place the rear roof (headliner side up) on a cloth protected work bench or floor to prevent scratches during the following pre-assembly steps. Use a Phillips head screwdriver to punch a hole through the headliner at any of the covered bolt hole locations (24 places). Punch holes from the inside out to avoid having the headliner pull away from its glued surface.

3.2 Per figures 3.2, loosely assemble the rear panel support to the roof using seven 5/16-18 x 1" long button head bolts, seven plastic washers, fourteen 5/16" steel washers, and seven locknuts. The nuts should just be finger tight at this time.

3.3 Per fig. 3.3, loosely assemble the side panels (one left and one right) on the outer edges of the rear roof. Use the following hardware per side: three 1/4-20 x 3/4" long Phillips head bolts, three steel washers, three plastic washers, and three locknuts. (Note: there is no steel washer required under the heads of these bolts) The nuts should just be finger tight at this time. Do not install a bolt in the front hole where shown in fig. 3.3 as this will be installed later (in step 4.7 on page 7).

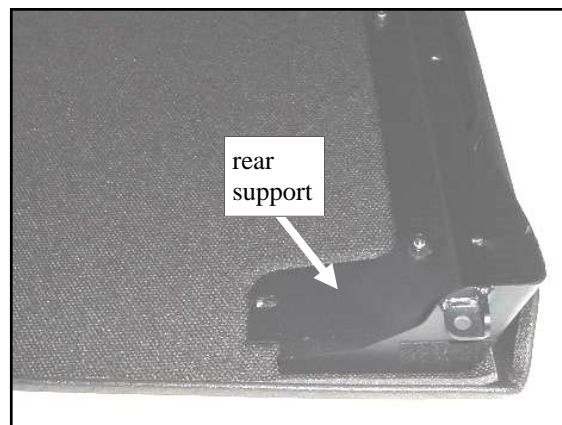


Fig. 3.2 (enlarged view of rear right corner)

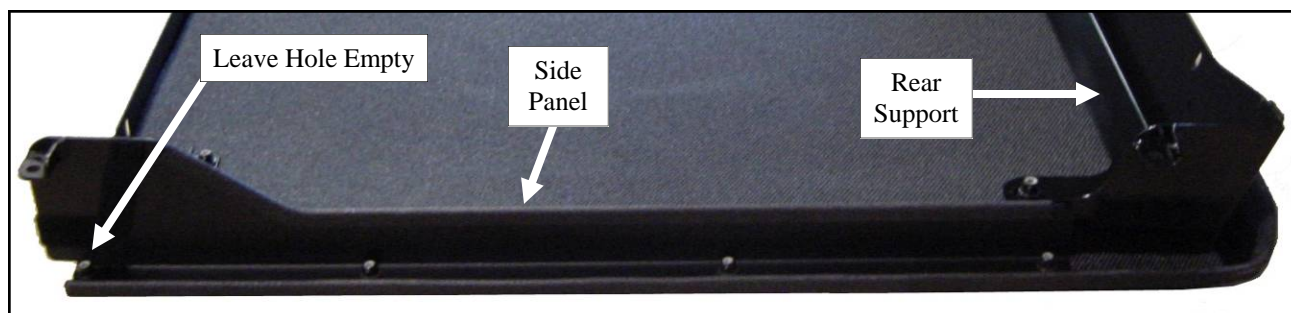


Fig. 3.3 (view of rear roof passenger side)

3. REAR ROOF (cont'd.)

3.4 Per fig. 3.4, install the bolt for the door stop cable (one per side of roof, 6" in from outer edge) as shown. Use the following hardware per side: one 5/16-18 x 1 1/4" long button head bolt, two steel washers, one plastic washer, and two locknuts. With the roof still oriented as shown (with the headliner up), install one steel washer and one plastic washer on to the bolt. Feed the bolt up from the bottom side, through the sheet metal and through the foam headliner. Install the second steel washer and one locknut. Tighten the locknut (locknut #1 in figure 3.4). Install one end of the door stop cable onto the bolt. Install the second locknut, but do not tighten it up against the door stop cable. There should be a small intentional gap so the cable can rotate freely. Repeat in the last remaining roof hole.

3.5 Per fig. 3.5, place two of the wide band P-clamps (3/4" wide) on the rear cross tube of the vehicle R.O.P.S. as shown. Be sure to orient the flat sections properly as noted in the photo so that the flat portion of the P-clamp is to be out-board and towards the rear of the vehicle as shown.

3.6 With assistance, place the roof assembly on top of the vehicle with the headliner down.

3.7 Per fig. 3.7, install the 1" long, rear, steel spacer through the P-clamp. Use the following hardware for each of the two rear P-clamps: one 5/16-18 x 1-3/4" long button head bolt, two 5/16" small, standard, steel washers, and one locknut. The bolt should be finger tight at this time. Repeat for driver's side.

4. FRONT ROOF

4.1 With assistance, place the front roof (headliner side up) on a cloth protected work bench or floor to prevent scratches during the following pre-assembly steps. Use a Phillips head screwdriver to punch a hole through the headliner at any of the covered bolt hole locations (15 places). Punch holes from the inside out to avoid having the headliner pull away from its glued surface.

4.2 Per figures 4.2, loosely assemble the roof and windshield support using four 5/16-18 x 1" long button head bolts, four plastic washers, eight 5/16" steel washers, and four locknuts. Do not install bolts in the two outer rear holes (one per side) as these will be used at a later time. The nuts should just be finger tight at this time.

4.3 Using the same method as in step 3.4, install two door tether bolts (one per side) on the front roof.

4.4 With assistance, place the roof assembly on top of the vehicle with the headliner down.

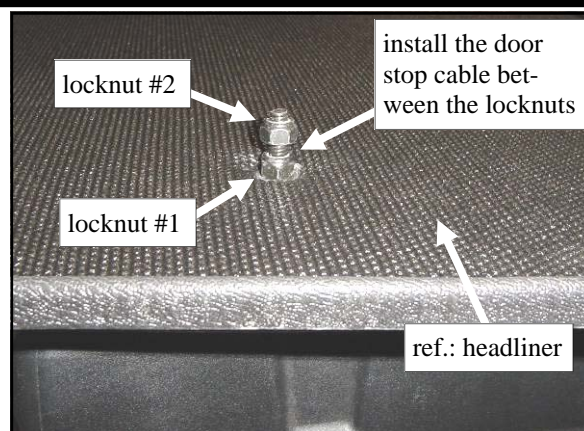


Fig. 3.4 (view of door stop cable bolt)

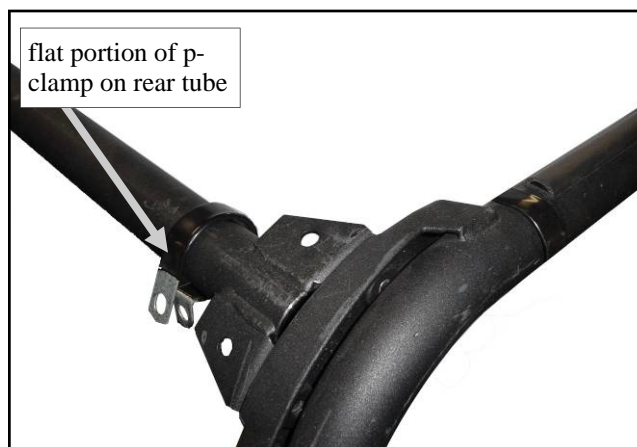


Fig. 3.5 (view from rear of passenger's side)

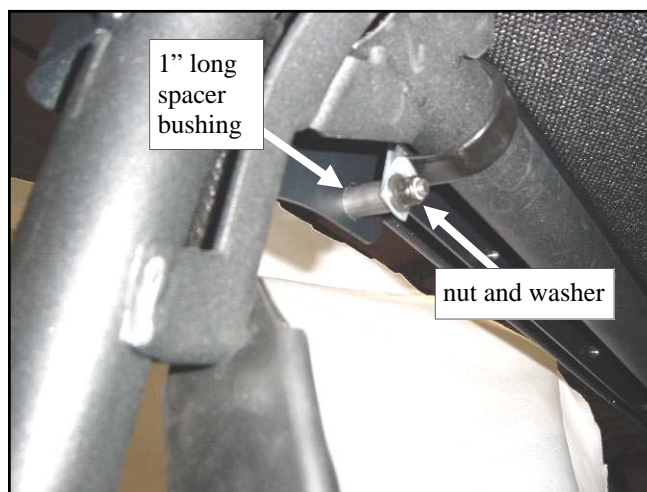


Fig. 3.7 (view from front of passenger's side)

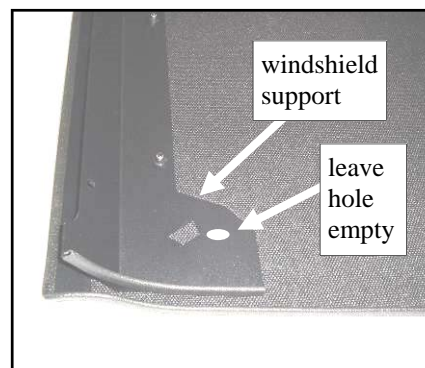


Fig. 4.2 (enlarged view of front right corner)

4. FRONT ROOF (cont'd.)

4.5 Loosely install two 5/16-18 x 1" long button head bolts, two 5/16" small, standard, steel washers, and two plastic washers on the top of the roof through the outside two holes (front corners). Use a 5/16" fender washer (1-1/4" diameter) on the inside of the triangular cutout on the R.O.P.S. structure and secure with a locknut. See fig. 4.5.

4.6 Attach the front roof to the rear roof using five 5/16-18 x 1" long button head bolts, five plastic washers, ten 5/16" steel washers, and five locknuts. Tighten the five bolts at this time.

4.7 Install two 1/4-20 x 3/4" long Phillips head bolts, two steel washers, two plastic washers, and two locknuts in the two remaining outer holes to join the front and rear roof together as well as the rear roof side. (Note: there is no steel washer required under the heads of these bolts) Do not tighten the bolts at this time.

4.8 Per fig. 4.8, adjust the windshield support so that the front sheet metal edge is tight against the front surface of the R.O.P.S. tubing and tighten the two upper outer roof bolts installed in step 4.5. Next tighten the remaining four bolts for the windshield support. Note: Assistance maybe necessary for holding support against R.O.P.S. while tightening roof hardware.

4.9 Per fig. 4.9, adjust the rear roof support so that the rear sheet metal edge is tight against the rear surface of the R.O.P.S. tubing and tighten the seven bolts connecting it to the roof. Also tighten the two rear bolts with the long spacers.

4.10 Adjust the passenger side panel on the rear roof so that it is tight against the outside of the rear roof support in the back and tight against the R.O.P.S. in the front. Tighten the five 1/4-20 bolts at this time. Repeat for the driver's side.

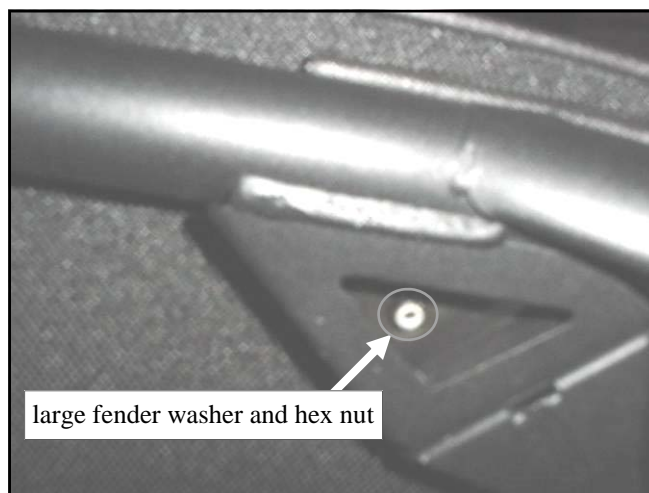


Fig. 4.5 (view from floor of passenger's side)



Fig. 4.8 (view from front of passenger's side)

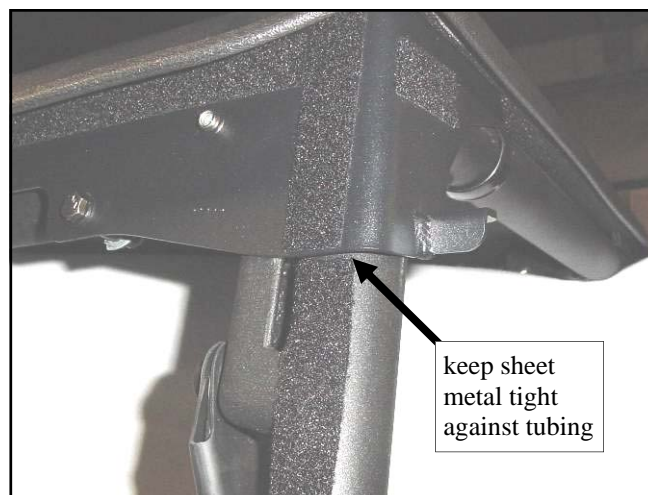


Fig. 4.9 (view from rear of passenger's side)

4. FRONT ROOF (cont'd.)

4.11 Per fig. 4.11, assemble four wide band p-clamps (3/4" wide) to the center cross tube on the R.O.P.S. and fasten to the bent flange on the rear roof using four 5/16-18 x 1" long button head bolts, four plastic washers, eight 5/16" steel washers, and four locknuts. Tighten the bolts at this time.

5. WINDSHIELD

5.1 Before installing the windshield, make sure the latches are tilted up towards the center of windshield to provide clearance from hitting the cowl. With assistance, lift the windshield over the front of the vehicle and orient the windshield curved edge down, and latches in. See fig. 5.1

5.2 Per fig. 5.2, slide windshield under the roof and align latches over the mounts, depressing the tabs on the underside and slide the latches in place.

5.3 Have the following hardware ready: four 1/4-20 x 3/4" Truss Head Phillips bolts, four lock nuts, four steel washers, and two hinge sleeves (on the interior) as shown in fig. 5.3. After the latches have engaged, slide the hinge sleeves onto the hinge pins and bolt the hinge sleeves to the windshield support with the locknuts and washers located up top (inside the bent flange area). If a better seal is needed, the windshield support is slotted front to back for the hinge sleeves to allow for improved sealing against the R.O.P.S. and against the windshield support.

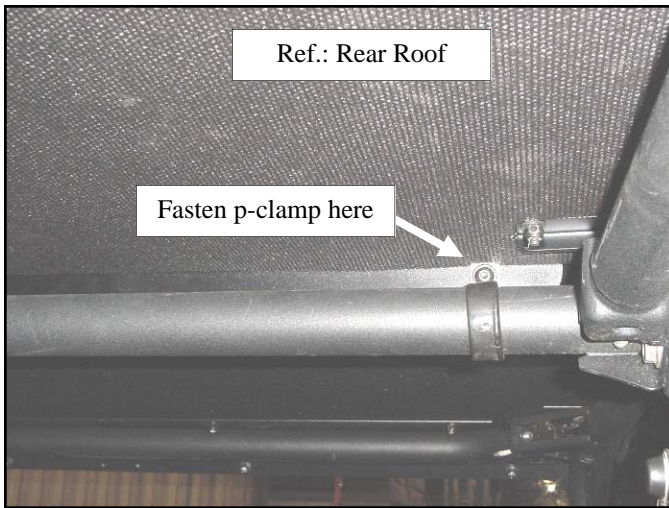


Fig. 4.11 (view from rear of cab)



Fig. 5.1 (view from front of passenger's side)



Fig. 5.3 (view from passenger's side)



Fig. 5.2 (view from passenger's seat)

6. LOWER PIVOT MOUNTS

6.1 Per fig. 6.1, remove and discard the original equipment bolt and nut shown at the bottom of the rear R.O.P.S. frame tubing behind the seat belt. New, longer hardware is provided.

6.2 Per figure 6.2, install the passenger's side lower pivot mount oriented as shown with the door pin receiving hole outboard and the mounting hole for the P-clamp up and inboard as shown. Use the following hardware in the R.O.P.S. through hole: one 5/16-18 x 2-3/4" long hex head bolt, two 5/16" small, standard, steel washers, and one 5/16-18 locknut. Tighten the bolt.

6.3 Per figure 6.2, assemble a P-clamp (3/4" wide) around the R.O.P.S. tube and around the mounting tab on the lower pivot mount as shown with the flat portion of the P-clamp towards the rear of the vehicle. Use the following hardware through the P-clamp: one 5/16-18 x 1" long button head bolt, two 5/16" small, standard, steel washers, and one 5/16-18 locknut. The bolt head to be towards the rear of the vehicle. Tighten the bolt.

6.4 Repeat steps 6.1 thru 6.3 for the bottom of the R.O.P.S. frame behind the front seat as well as on the driver's side.

7. REAR LATCH MOUNT

7.1 Per fig. 7.1, remove and discard the three original equipment bolts and nuts shown on the cross members of the front seat back. New, longer hardware is provided.

7.2 Per fig. 7.1, install the passenger's side rear latch mount oriented as shown. Use the following hardware: three M8x1.25 x 25mm flange bolts and three M8x1.25 flange nuts. Center the part in the slots and then tighten the bolts. They may need to be loosened for adjustment when the door is installed.

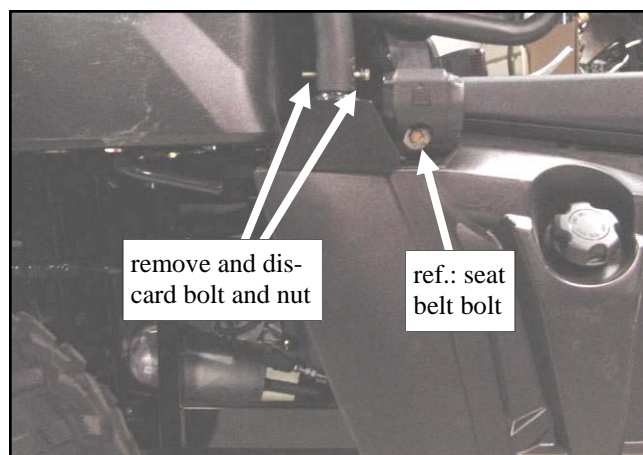


Fig. 6.1 (view from passenger's side)

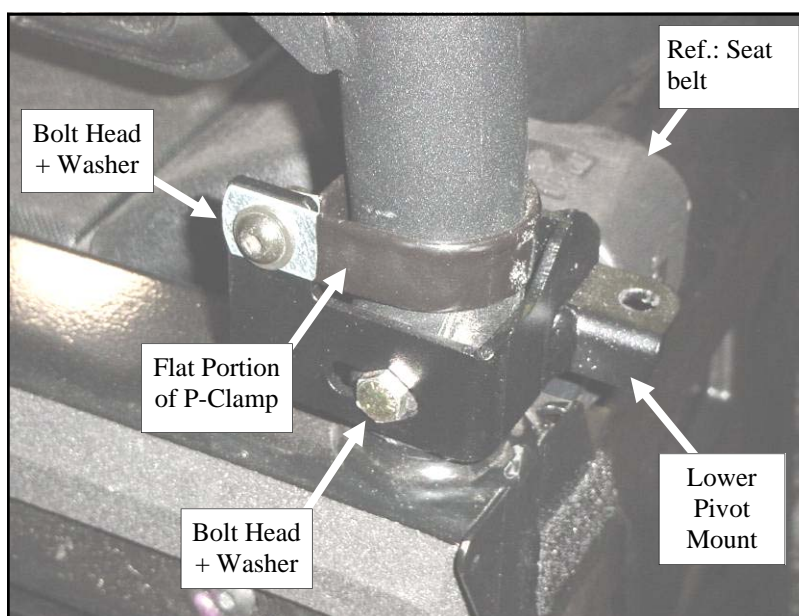


Fig. 6.2 (view from rear of passenger's side)

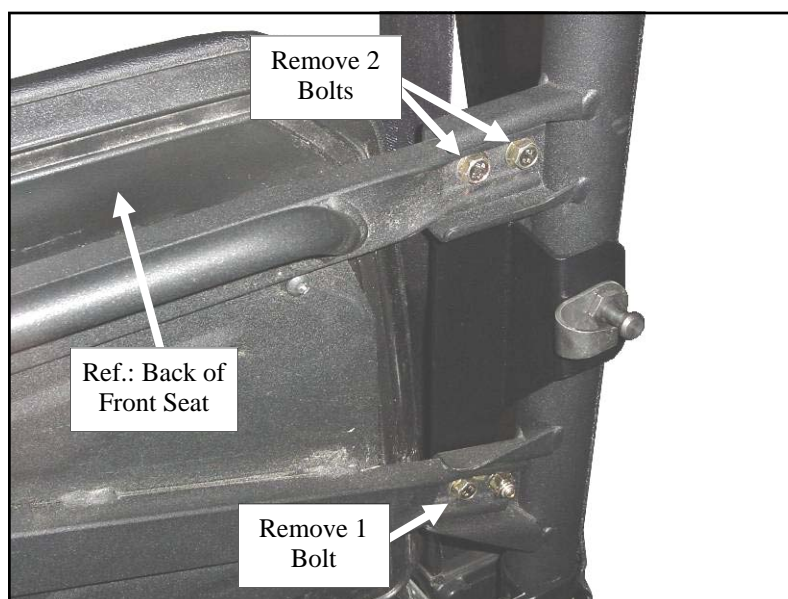


Fig. 7.1 (view from rear of passenger's side)

8. DOORS

8.1 Prior to installing the doors, apply grease or other lubricant to the hinge pins and to the top surface of the tabs with the receiving holes where indicated in fig. 8.1. Repeat for lower hinge pin.

8.2 Per fig. 8.1, engage the two door pins (hinges) into their respective receiving holes.

8.3 If necessary, adjust the latch on the door front to back and/or the pin on the front mount up and down until a “double click” is achieved. Continue to adjust the engagement as necessary until you get the door to close with “two” clicks which is confirmation that the door is fully closed and secure enough to drive.

8.4 Per fig. 8.1, leave the rear vinyl door flap unattached at this time.



Fig. 8.1 (view from rear of passenger's side)

Troubleshooting the door

Condition:

Door latch and striker pin does not line up (up and down)

Door latch and striker pin does not line up (front to back)

Door latch will not “double click”

Door does not seal

Explanation/Solution

Move striker pin on front mount up or down.

Move latch on door forwards or backwards.

Loosen the striker pin mount and pull it outward.
Re-tighten while applying outward pressure.

Loosen the striker pin mount and pull it inward.
Re-tighten while applying inward pressure. Flex the frame of the door until the desired seal is achieved.

9. REAR VINYL CURTAIN

9.1 Note: self-adhesive velcro should be applied to a clean, dry surface at room temperature for best adhesion. Per fig. 9.1, install the 1” wide loop velcro along the top of the rear panel support just above the factory installed snaps. All the way across from the very left and right corners of the sheet metal as shown. Note: the white lines in the photo represent the edges of the velcro for clarity.

9.2 Per fig. 9.1, install 1” wide loop velcro down the back edge of the rear panel support and onto the back side of the R.O.P.S. tubing all the way down to the bottom as shown (also see fig. 9.4 on the next page).

9.3 Per fig. 9.1, install a short 3-1/2” long piece on the very side as shown in the top right hand corner of the photo. This will be for the top of the vinyl on the door.

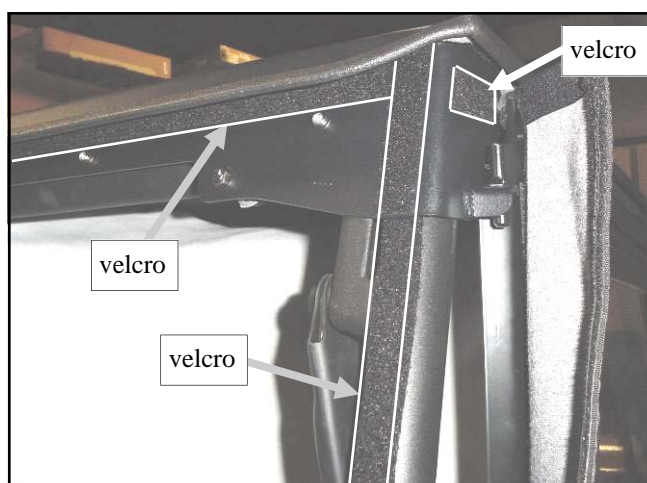


Fig. 9.1 (view from rear of passenger's side)

9. REAR CURTAIN (cont'd.)

9.4 Reminder: self-adhesive velcro should be applied to a clean, dry surface at room temperature for best adhesion. Note: the white lines in the photo represent the edges of the velcro for clarity. Per fig. 9.4, install the 1" wide loop velcro along the bottom vertical surface of the vehicle as shown (location "a"). All the way across from the left to the right side of the vehicle.

9.5 Per fig. 9.4, install a short 2-1/2" long piece of velcro below the hex head bolt where shown as location "b".

9.6 Per figures 9.4 and 9.6, install a short 3-1/2" long piece of velcro on the very side as shown in the lower right hand corner of the photo (location "c"). This will be for the bottom of the vinyl on the door.

9.7 Per fig. 9.7, apply velcro in a rectangular pattern as shown by the heavy black lines in the photo. Note: the opening in the vinyl rear curtain is to allow air flow in the lower right hand corner where the foam filter is located.

9.8 Install the rear curtain by snapping along the top edge and wrapping the vinyl around the R.O.P.S. on the two sides. Be sure to push the center section in so that it seals around the air intake. Attach the rear vinyl flaps on the doors to the velcro along the back surface of the rear curtain.

10. DOOR STOP CABLE

10.1 Per fig. 10.1, connect the free end of the door stop cable to the door. Leave it slightly loose so that the cable may rotate freely.

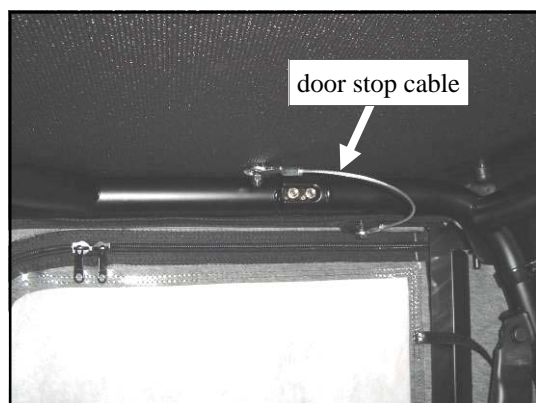


Fig. 10.1 (view of passenger's door from inside the cab)

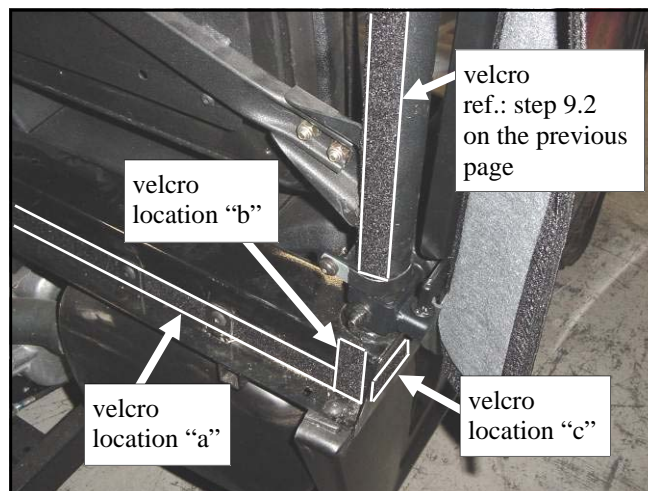


Fig. 9.4 (view from rear of passenger's side)

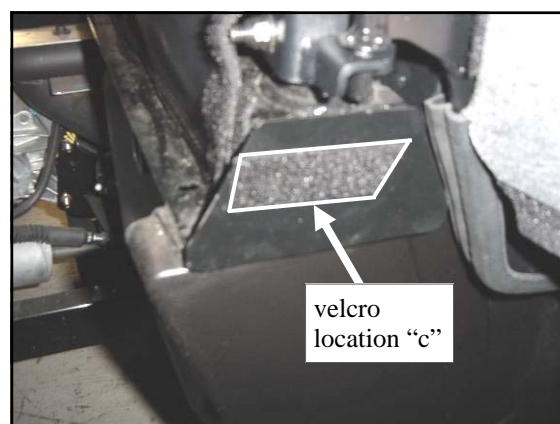


Fig. 9.6 (view from passenger's side)

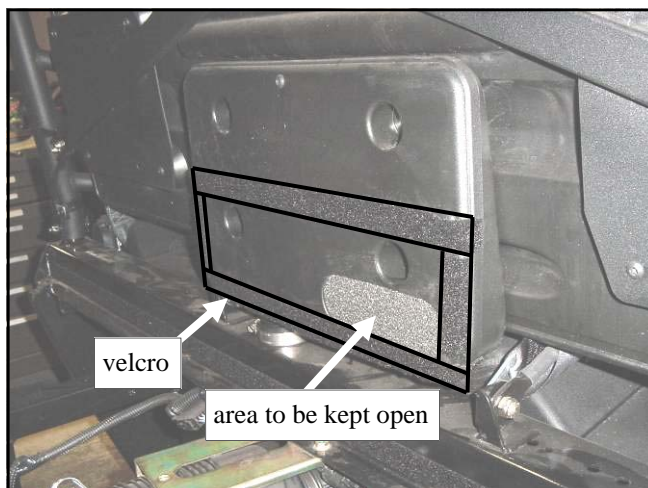


Fig. 9.7 (view from rear of passenger's side)

11. MISCELLANEOUS

11.1 Make sure all bolts have been tightened.

11.2 Note: self-adhesive velcro should be applied to a clean, dry surface at room temperature for best adhesion. Using the flap on the rear of the front door as a guide, install 1" wide loop velcro along the outer side of the R.O.P.S. tubing directly behind the front door to seal the door flap. Install a short 3-1/2" long piece horizontally at the top and bottom of the door flap as on the rear door. Attach the flap to the Velcro before closing the rear door.

11.3 Per fig. 11.3, the clear vinyl windows in the door skins can be rolled open (towards the rear) and stored that way for ventilation by utilizing the factory installed mated velcro strips as shown in the photo.

11.4 Per fig. 11.4, Arch PSA (Pressure Sensitive Adhesive) bulb rubber has been supplied and can be used to fill any door sealing gaps if necessary or desired. Apply to clean, dry surfaces at room temperature.

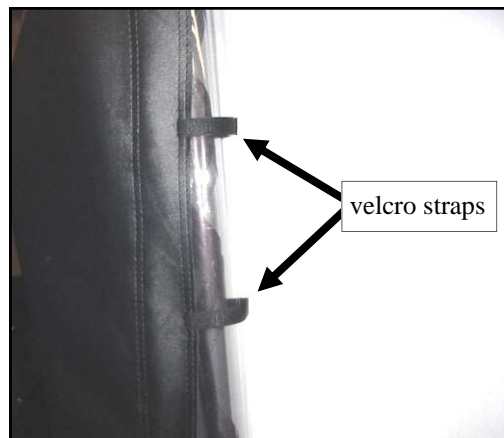


Fig. 11.3 (view from passenger's side)

12. CARE AND MAINTENANCE

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

12.2 For the cleaning of all cab components:

NEVER USE AN ALCOHOL-BASED PRODUCT FOR CLEANING. Do not use **WINDEX**, **GLASS PLUS**, **FANTASTIC**, etc.. Do not use any **CITRUS BASED CLEANERS** such as orange or lemon. Use of these products will result in deterioration of the windows.

Wash with a mild soap or detergent using your bare hands to free or dislodge any caked-on dirt or other foreign particles.

A soft, grit-free cloth, sponge, or chamois may be used but only as a means of carrying water to the windows.

The interior should be lightly dusted (NOT WIPED) with a clean soft cloth or chamois. The cloth or chamois should be kept free of grit by frequent rinsing in clean water.

Grease and oil may be removed with kerosene.

Novus I and Novus II are recommended plastic cleaners and can be used to remove light scratches.

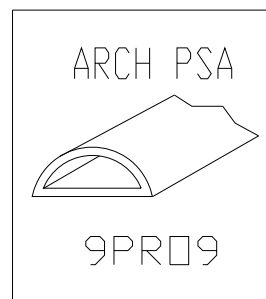
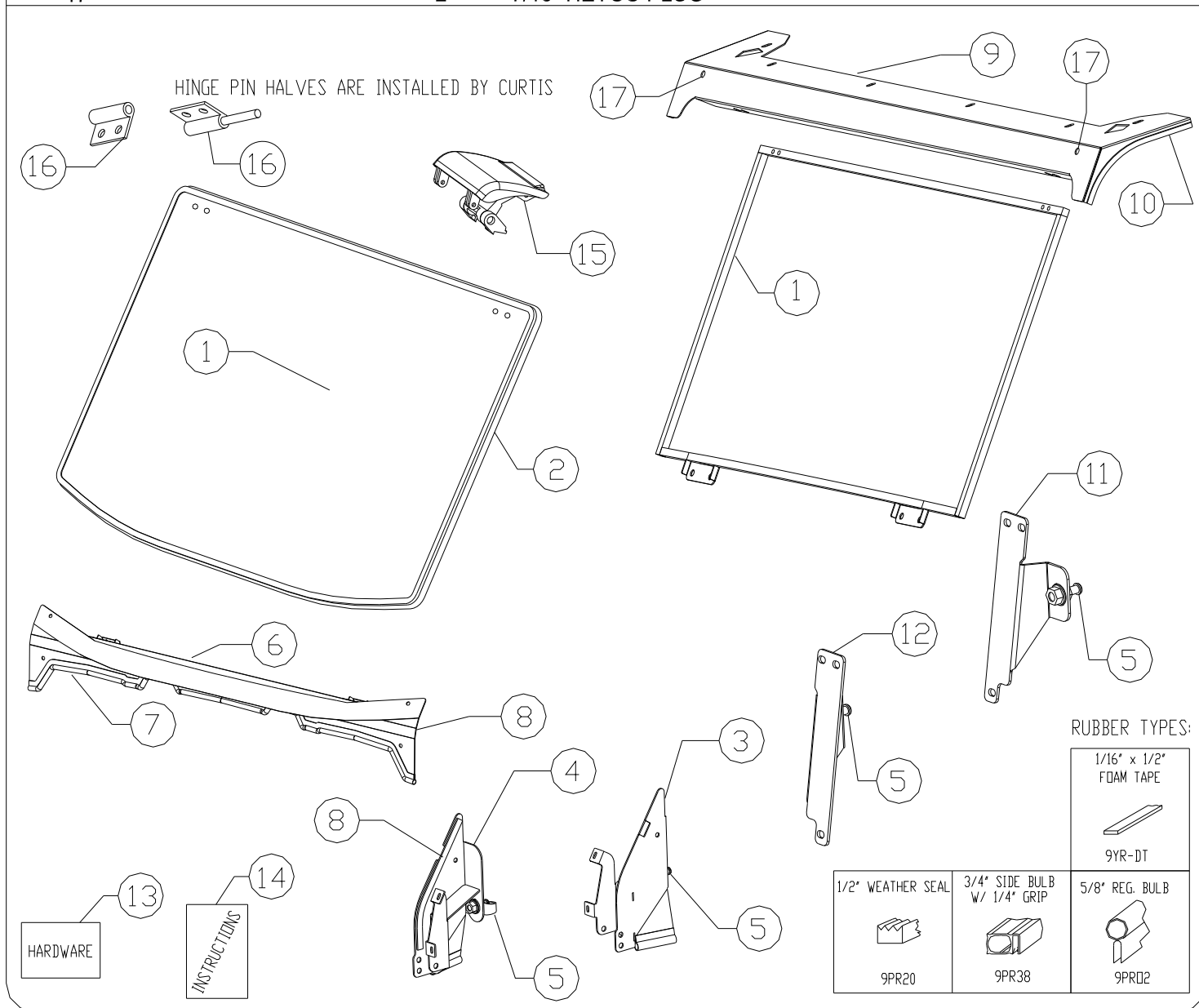


Fig. 11.4 (Arch PSA Bulb Rubber)

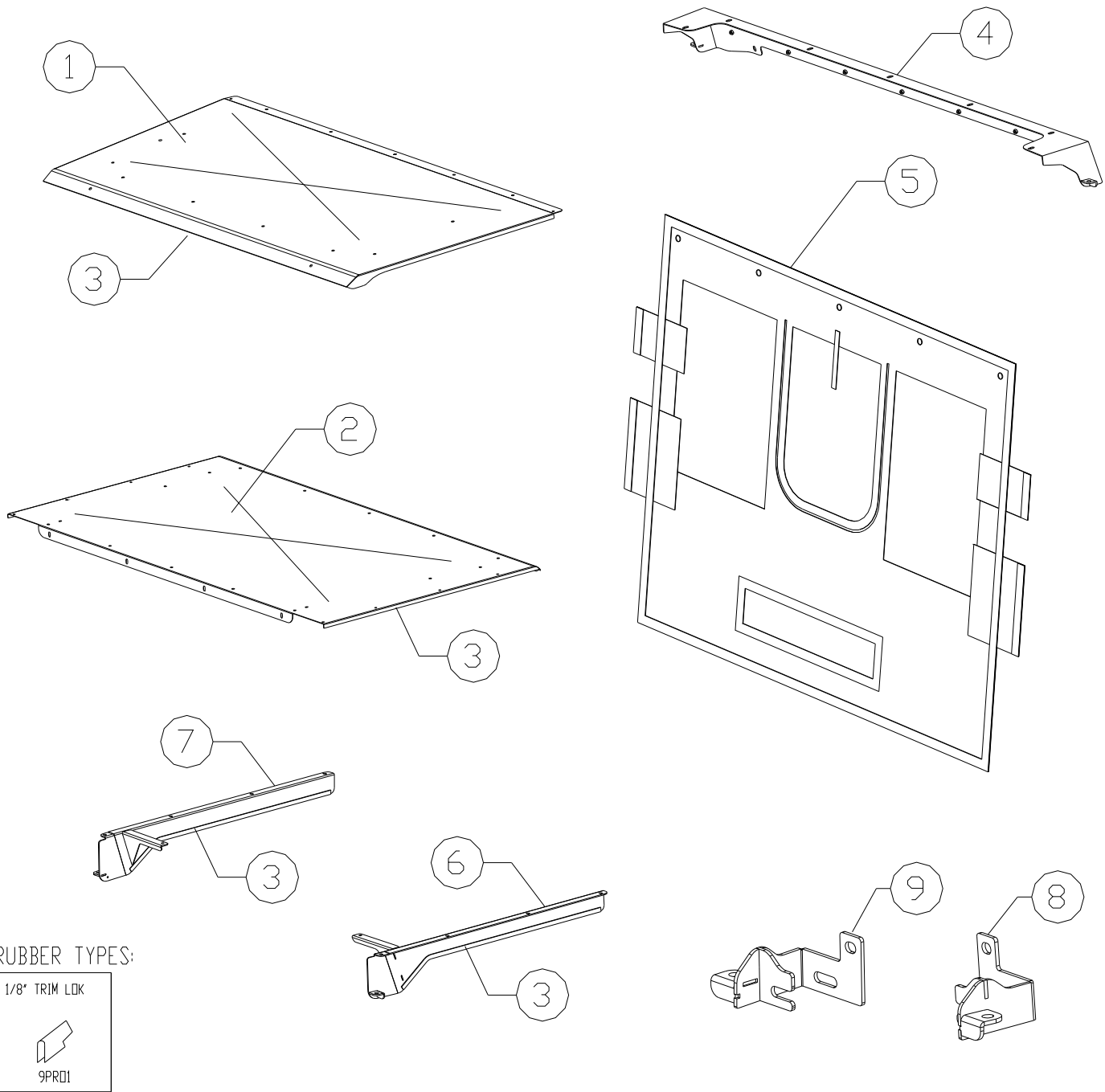
Parts List

REF. NO.	CODE NO.	QTY.	DESCRIPTION
1	8SV-RLCV02	1	WINDSHIELD AND STIFFENER ASSEMBLY
2	9SV-PR38-15	1	3/4" SIDEBULB W/ 1/4" GRIP
3	8SV-RLC04L-B4	1	FRONT MOUNT (DRIVER'S SIDE)
4	8SV-RLC04R-B4	1	FRONT MOUNT (PASSENGER SIDE)
5	9SV-DSTR	4	STRIKER PIN
6	8SV-RLCV08-B4	1	WINDSHIELD COWL
7	9SV-PR02-15	1	5/8" BULB RUBBER
8	9SV-PR20-10	1	WEATHERSEAL (ON UNDERSIDE, NOT SHOWN ON COWL)
9	8SV-RLCV03-B4	1	WINDSHIELD SUPPORT
10	9SV-PR01-20	1	TRIM LOK (1/8" GRIP)
11	8SV-RC12L-B4	1	REAR LATCH MOUNT (DRIVER'S SIDE)
12	8SV-RC12R-B4	1	REAR LATCH MOUNT (PASSENGER SIDE)
13	RC-HWK	1	HARDWARE KIT
14	—	1	INSTRUCTIONS (AVAILABLE ELECTRONICALLY ONLY)
15	9SV-WL1	2	POP-OUT LATCH KIT
16	9SV-HDR2	1	HINGE SET
17	9SV-DP01	2	7/16" HEYCO PLUG



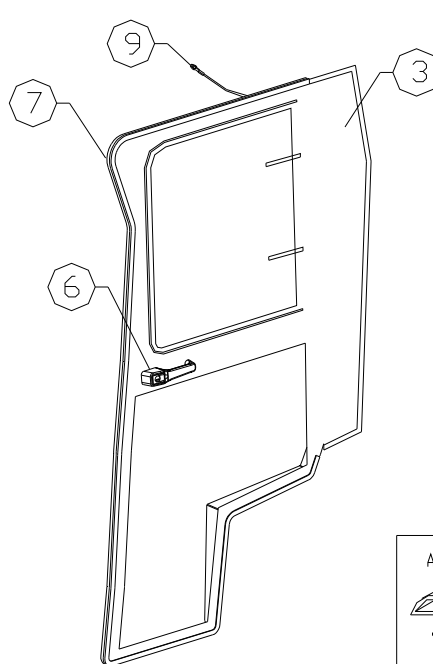
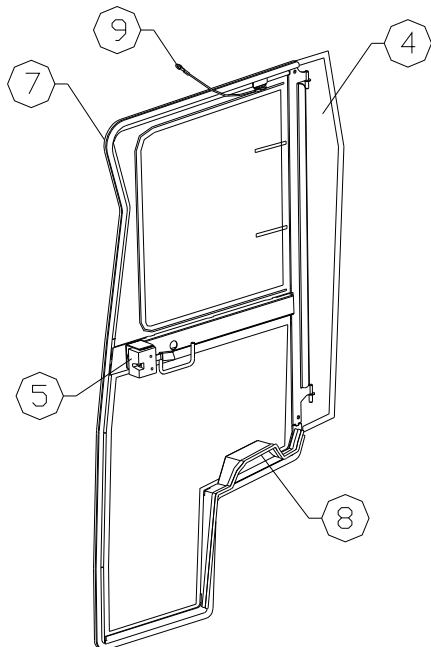
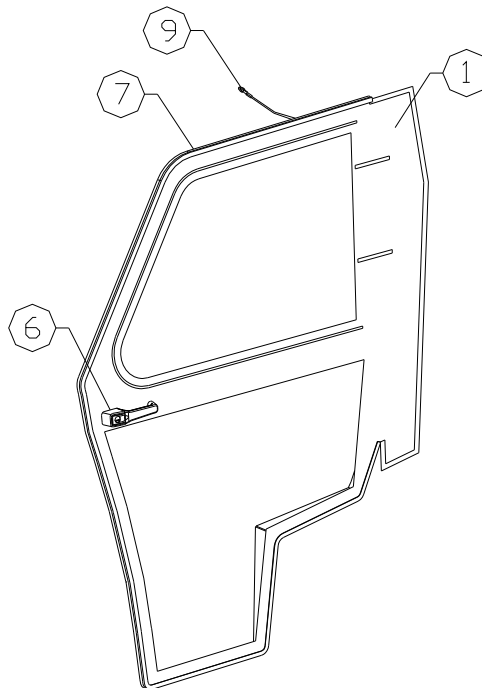
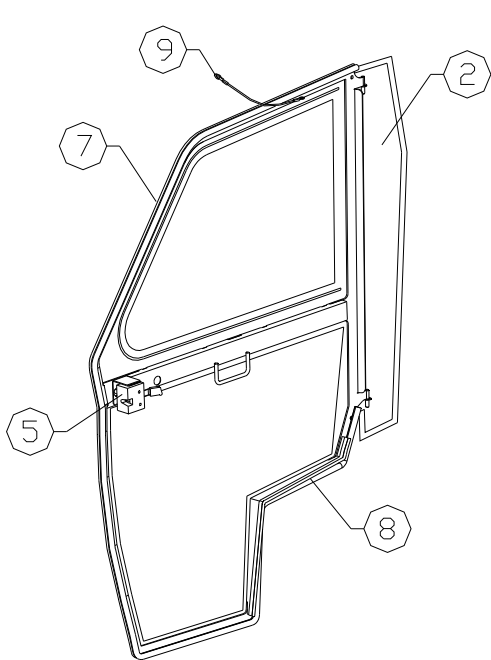
Parts List

REF. NO.	CODE NO.	QTY.	DESCRIPTION
1	8SV-RC01-B4	1	FRONT ROOF (FULL ASSEMBLY)
2	8SV-RC01R-B4	1	REAR ROOF (FULL ASSEMBLY)
3	9SV-PR01-20	1	TRIM-LOK (1/8" GRIP)
4	8SV-RC10-B4	1	REAR ROOF SUPPORT
5	8SV-RLC06-VS	1	REAR VINYL CURTAIN
6	8SV-RC13L-B4	1	REAR ROOF SIDE (DRIVER'S SIDE)
7	8SV-RC13R-B4	1	REAR ROOF SIDE (PASSENGER SIDE)
8	8SV-RC05L-B4	2	LOWER PIVOT MOUNT (DRIVER'S SIDE)
9	8SV-RC05R-B4	2	LOWER PIVOT MOUNT (PASSENGER'S SIDE)



Service Parts List

REF. NO.	CODE NO.	QTY.	DESCRIPTION
1	8SV-RCFSF7L-VS	1	FULL FRONT DOOR ASSEMBLY (DRIVER'S SIDE)
2	8SV-RCFSF7R-VS	1	FULL FRONT DOOR ASSEMBLY (PASSENGER'S SIDE)
3	8SV-RCFSR7L-VS	1	FULL REAR DOOR ASSEMBLY (DRIVER'S SIDE)
4	8SV-RCFSR7R-VS	1	FULL REAR DOOR ASSEMBLY (PASSENGER'S SIDE)
5	9SV-IHRL	2	DOOR LATCH (DRIVER AND PASSENGER SIDE)
6	9SV-OHRL	2	OUTSIDE LOCKING DOOR HANDLE (DRIVER AND PASSENGER SIDE)
7	9SV-PR38-15	1	3/4" SIDE BULB W/ 1/4" GRIP
8	9SV-PR02-15	1	5/8" BULB RUBBER
9	9SV-DS02	1	DOOR STOP CABLE KIT (CONTAINS 4 CABLES AND HARDWARE)



RUBBER TYPES:

ARCH PSA 9PR09	3/4" SIDE BULB W/ 1/4" GRIP 9PR38	5/8" REG. BULB 9PR02
-------------------	---	-------------------------