

APPROXIMATE INSTALLATION TIME: ONE HOUR



Ref.: Color shown is Sandstone.

This cab is covered by one or more of the following patents and others pending: U.S.: 7429072, 7219948, 7281753, D555058, D547697, D542711, D557191. CAN.: 112130. U.K.: 3022131, 3022412, 3022411, 3022410, 2434126. Curtis Industries, LLC.

DESIGN CONCEPT

Curtis Cabs feature an assembly of parts designed for your vehicle which require adjustment and alignment of components to accommodate vehicle variations and provide proper weather protection. For accurate installation, proper operation, and years of satisfaction, please read and understand the installation instructions.

From all of us at Curtis, we thank you for choosing our product.

GENERAL INFORMATION

Helpful Reminders:

- A. Leave all bolts loose for later adjustment unless otherwise specified.
- B. Read and understand all instructions before beginning.

Ser	ious 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.

NOTICE: ADDITIONAL WEIGHT

This enclosure adds 110 lbs. to the weight of the vehicle.

DANGER!

Battery—Explosive Gases. Do not smoke. Keep sparks and flames away from the vehicle and service area. Service only in a well-ventilated area.

Battery—Poison! Contains acid! Causes severe burns! Avoid contact with skin, eyes, or clothing. Wear a full face shield and rubber gloves when working on or near batteries. If contact occurs: External—Flush with water. Call physician immediately.

Internal—Drink large quantities of milk or water. Follow with milk of magnesia or vegetable oil. Call physician immediately.

Eyes—Flush with water for 15 minutes. Call a physician immediately.

Battery—While charging, be sure that a door, the rear curtain, or the windshield is open.

Gasoline—Flammable! Explosive! Do not operate gasoline vehicle in an enclosed area without proper ventilation. The engine produces carbon monoxide, which is an odorless, deadly poison.

This vehicle and enclosure will not provide protection from rollover, flying objects including golf balls, lightening, or other hazards. If caught in a storm, exit the vehicle and seek shelter in accordance with applicable safety guidelines for your location.

WARNING!

Only trained technicians should service or repair the enclosure. Anyone doing repairs or service should have knowledge and experience in electrical and mechanical repair. The appropriate instructions must be used when performing maintenance, service, or installation.

Follow the procedures exactly as stated in these instructions, and heed all DANGER, WARN-ING, and CAUTION statements both in this instruction manual as well as those posted on the vehicle.

Prior to servicing the vehicle, turn the key switch to OFF and set the parking brake.

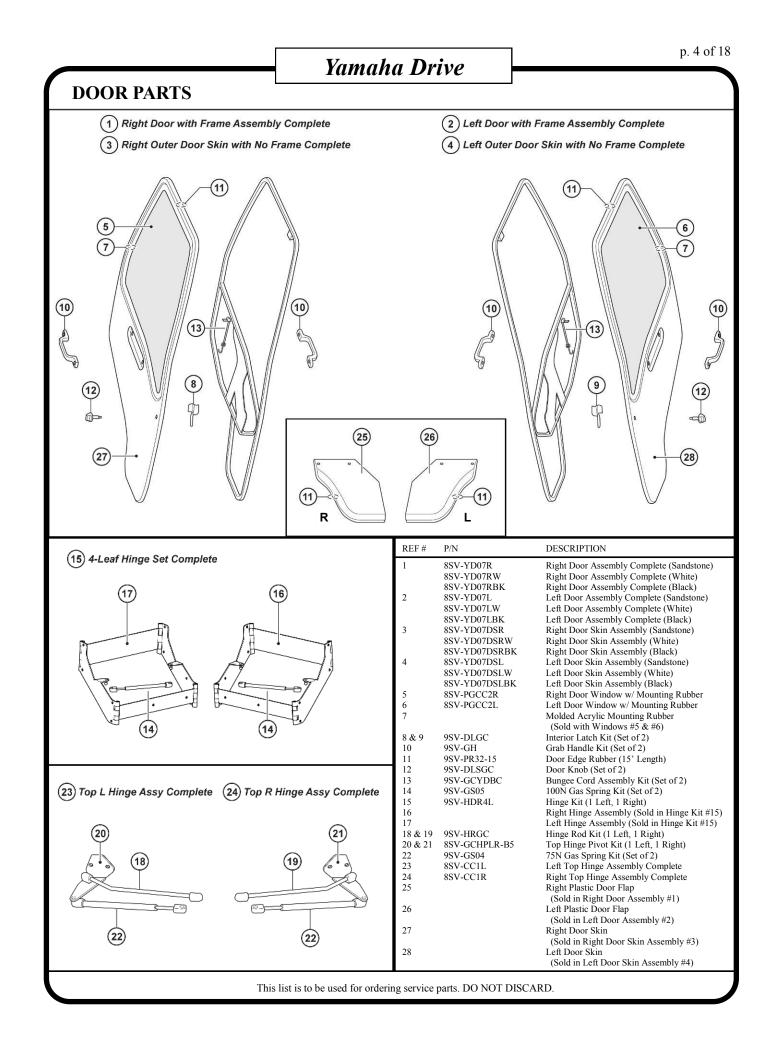
Always wear safety glasses or approved eye protection when servicing the vehicle.

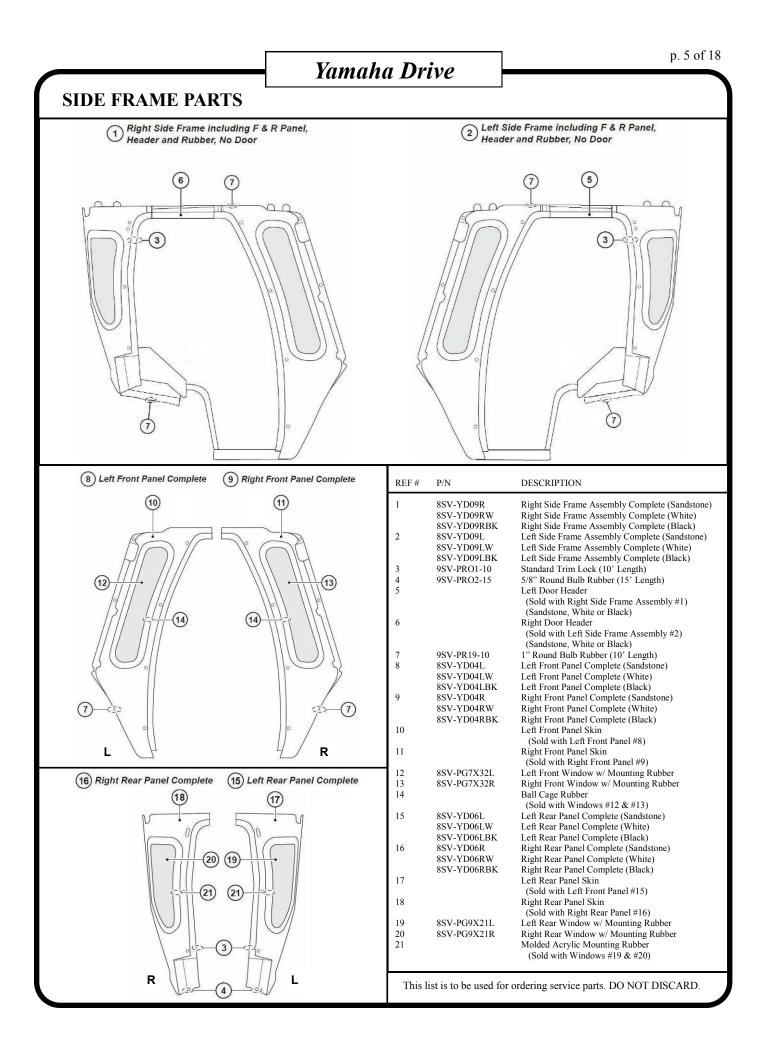
Moving parts! Do not attempt to service the vehicle while it is running.

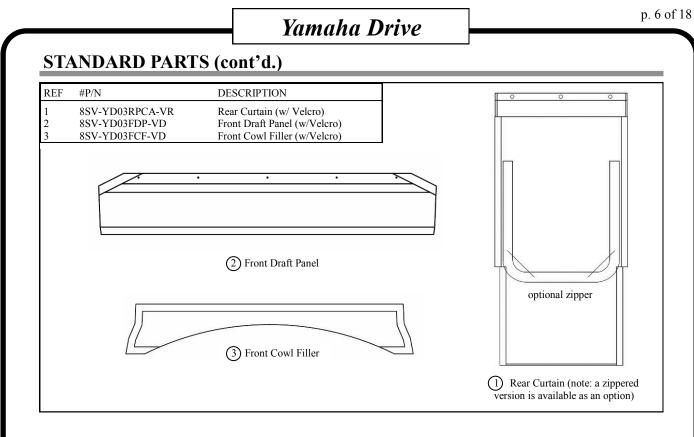
Hot! Do not attempt to service while engine, exhaust system, or motor are hot. Failure to heed this warning could result in severe burns.

Use insulated tools when working near batteries or electrical connections. Avoid shorting components or wiring.

If wires are removed or installed, make sure wiring and wire harness are properly routed and secured. Failure to properly route and secure wiring could result in vehicle malfunction, property damage, personal injury, or death.







HARDWARE KIT (YD-HWK):



1/4" AND 5/16" STEEL WASHERS

#10 x 3/4" PHILLIPS SELF-DRILL/ TAP SCREW

SAUC

#10-32, 1/4-20
AND 5/16-18
NYLON
LOCKNUTS



COVER

1/4-20 x 1" BUTTON HEAD BOLT

5/16-18 x 1-3/4" HEX HEAD BOLT



#10-32 STUD SNAP

TOOLS REQUIRED:

OPEN END WRENCHES (METRIC AND SAE) RATCHET AND SOCKETS (METRIC AND SAE) ALLEN WRENCHES (METRIC AND SAE) SCREWDRIVERS (PHILLIPS AND FLAT) ELECTRIC DRILL AND 6" PHILLIPS HEAD BIT DRILL BITS (7/32" AND 5/16") TAPE MEASURE SCISSORS

1. VEHICLE PREP

1.1 Per fig. 1.1, remove and discard the rear roof hardware shown. A total of 2 bolts, 4 washers, and 2 acorn nuts per side. Repeat for opposite side.

1.2 Per fig. 1.2, remove only the front acorn nuts and inside washers and save for re-use in step 2.6. Leave the bolt and washer under the bolt head in place on each side of the vehicle. Repeat for opposite side.

1.3 Per fig. 1.3, temporarily remove and save the drain tubes (i.e.: rain down spouts) and the bolts and washers to gain access to the seat back bolts. A total of 2 down spouts, 4 bolts, and 4 washers (2 bolts and washers per side). Remove and save the drain tube flexible rubber boots as well.

1.4 Per fig. 1.4, remove the front floor mat plug using a flat screwdriver to get under the flanged head. The inset picture shows the plastic plug. Repeat for opposite side. Discard both plastic plugs.

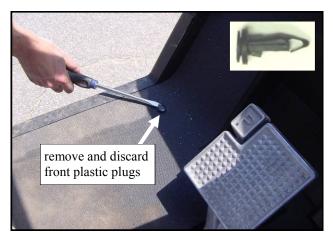


Fig. 1.4 (view from right side)



Fig. 1.1 (view from right side)



Fig. 1.2 (view from right side)

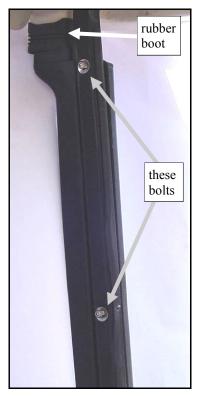


Fig. 1.3 (view from right side)

1. VEHICLE PREP (cont'd.)

1.5 Per fig. 1.5, lift the floor mat on the outboard, rear corner to expose a hole in the floor of the vehicle. Lay the mat back down and estimate where the drill bit needs to be placed in order to drill right through the rubber floor mat and through the existing hole in the floor of the vehicle. See fig. 1.5.1. Use a 5/16" drill bit and pass it all the way thru so the hole in the floor of the vehicle is opened up to this larger size to accept a 1/4" bolt in step number 2.7. Drill out the front floor board holes to this larger 5/16" diameter also (see fig. 1.5.1). Repeat for opposite side of vehicle.

1.6 Per fig. 1.6, loosen the two larger outboard bolts. Do not remove completely, just loosen approximately 1/4". Per fig. 1.6.1, this 1/4" gap will receive the rear mounting bracket on the side frame assembly.

1.7 Per fig. 1.7, position the ends of the top front original equipment bolts so that they are flush or behind the plastic (threads not to extend out). This is for ease of getting the top front of the side frame assembly placed into position in the next step.



Fig. 1.5 (view from right side)

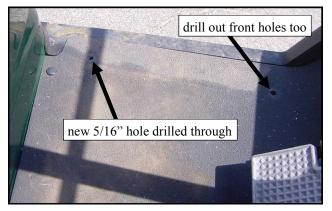


Fig. 1.5.1 (view from right side)

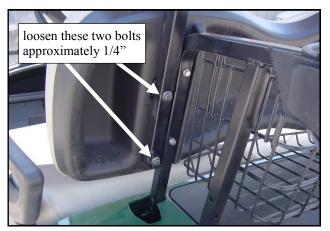


Fig. 1.6 (view from left side)

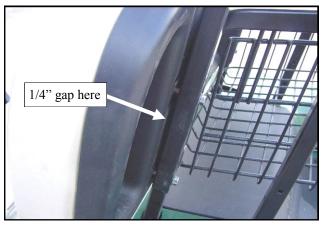


Fig. 1.6.1 (view from left side)



Fig. 1.7 (view from rear)

2. SIDE FRAME ASSEMBLY

2.1 Per figures 2.1a and 2.1b, install the supplied 1" round bulb rubber (52" long) along the top of each side frame assembly as shown. Per fig. 2.1c, with assistance, install the side frame assembly by inserting the top front corner slightly kitty corner in to the vehicle so the mounting tabs are approximately where shown. Position the top front of the side frame assembly so the slotted bracket is up against the inside surface of the plastic roof mounting area. Make sure the leading edge of the plastic front panel is inside the roof support tube. Note: the side frame floor board is to sit on top of the vehicle floor mat. Push the two original equipment bolts per side through the slotted bracket on the top of the side frame assembly.

Note: If you have an old style roof, you may need to trim some of the 1" round bulb rubber above the door header to allow the roof to seat properly.

2.2 Per fig. 2.2, position the top rear of the side frame assembly so the large mounting bracket is up against the outside surface of the plastic roof mount as shown.

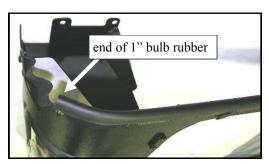


Fig. 2.1a (top rear of side frame)



Fig. 2.1b (top front of side frame)

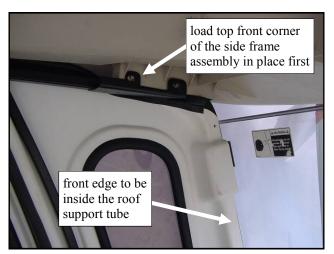


Fig. 2.1c (view from right side)

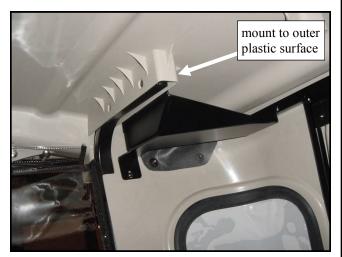


Fig. 2.2 (view from right side)

2. SIDE FRAME ASSEMBLY

2.3 Per fig. 2.3, position the lower rear portion of the side frame assembly so the open ended slots line up and go into the 1/4" gap behind the seat as shown. Note: for additional clarity, the slots are highlighted in grey scale in fig. 2.3.

2.4 Per fig. 2.4a, lift and push the side frame floor board in towards the center of the vehicle so the holes line up.

Per fig. 2.4b, install the following hardware per side in the floorboard holes and through the holes that were drilled in Step 1.5: two $1/4-20 \times 1$ " long button head bolts with two 1/4" flat steel washers on the top surface, and two 1/4" flat steel washers with 1/4-20 ny-lon locknuts underneath. Leave bolts loose.

Note: the side frame floor board is to be on top of the rubber mat.

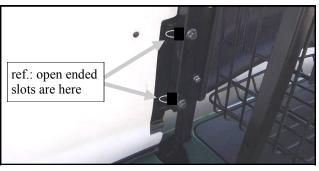


Fig. 2.3 (view from left side)

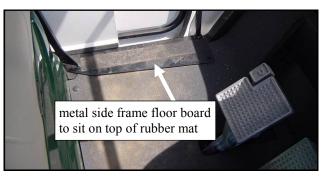
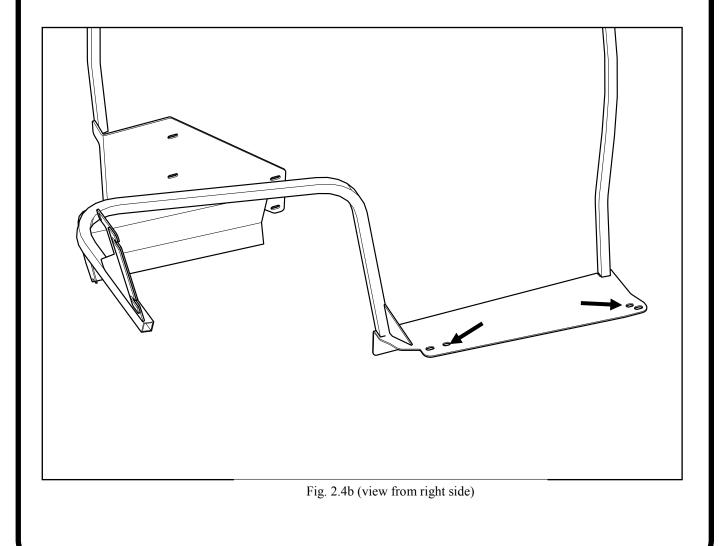


Fig. 2.4a (view from right side)



2. SIDE FRAME ASSEMBLY (cont'd.)

2.5 Per fig. 2.5, install the following hardware per side in the upper rear mounts: two $5/16-18 \ge 13/4$ " long hex head bolts with two 5/16" flat steel washers under the heads inboard and two 5/16" flat steel washers with 5/16-18 nylon locknuts outboard. Leave bolts loose.

2.6 Per fig. 2.6, re-install the original equipment acorn nuts and washers to the upper front mounts as shown. Two per side of vehicle. Leave bolts loose.

2.7 Per fig. 2.7, install the following hardware per side of the vehicle: two 1/4-20 x 1" long button head bolts, four flat steel washers, and two 1/4-20 locknuts. Locknuts to be underneath the vehicle floor board. Leave bolts loose.

2.8 Tighten all side frame hardware at this time. Also tighten the seat back bolts loosened in fig. 1.6 on page 8.

2.9 Per fig. 2.9, install self-drilling screws through the plastic and into the front vertical tubing. Qty.: 3 screws per side (photo shows top 2 screws). Locate one up top, one near the middle, and one down bottom (or to suit). Note: use caution and low torque to avoid stripping out the threads created in the tubing. Tighten these screws.



Fig. 2.5 (view from right side)



Fig. 2.6 (view from right side)



Fig. 2.9 (view from right side)



Fig. 2.7 (view from right side)

2. SIDE FRAME ASSEMBLY (cont'd.)

2.10 Per fig. 2.10, install two self-drilling screws per side in the rear as shown (approximately in the middle or to suit). This attaches the rear plastic to the rear tubing. Note: use caution and low torque to avoid stripping out the threads created in the tubing. Tighten these screws.

3. VINYL FILLERS

3.1 **Old style roof**: drill five 7/32" diameter holes through the front plastic flange. All five holes to be 1/2" up from the bottom of the plastic flange per fig. 3.1 and the hole pattern sketch at the bottom of the page. Locate the first hole directly in the center. From the first center hole mark, locate the other four holes as follows: 8-1/4" and 15-3/8" on both the left and right side of center. Install the supplied snaps so the locknuts are inside as shown in fig. 3.1. Note: fig 3.1 photo only shows 3 out of the 5 locations.

New style roof: only the center three holes are used per fig. 3.1a and the hole pattern sketch at the bottom of the page. Locate the first hole directly in the center. From the first center hole mark, locate the other two holes at 8-1/4" on both the left and right side of center. Install the supplied snaps so the locknuts are inside as shown in fig. 3.1a.

3.2 For the **new style roof only**, drill one 7/32" diameter hole through the driver side front roof support mounting area per fig. 3.2. The hole is located 1-3/8" up from the bottom edge and 3/4" back from the front edge. Install the supplied snaps so the locknuts are inside as shown in fig. 3.2. Repeat for passenger's side.



Fig. 3.2 (view from passenger's side, new style roof)



Fig. 2.10 (view from right side)

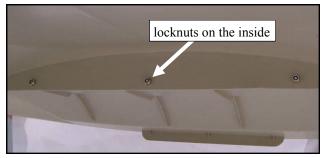


Fig. 3.1 (view from rear, old style roof)

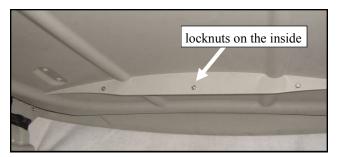
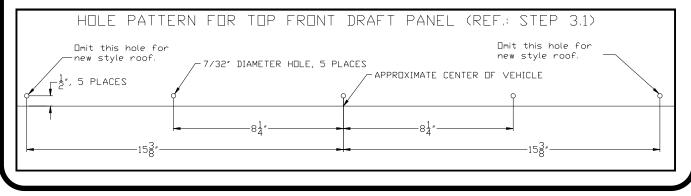


Fig. 3.1a (view from rear, new style roof)



3. VINYL FILLERS (cont'd.)

3.3 Per figures 3.3, 3.3a, and the hole pattern sketch in the middle of the page, drill 7/32" diameter holes through the rear plastic flange. All three holes to be 1/2" up from the bottom of the plastic flange. Locate the first hole directly in the center. From the first center hole mark, locate the other two holes at 5-1/2" on both the left and right side of center. Install the snaps so the locknuts are outboard as shown in figures 3.3 and 3.3a.

3.4 Per fig. 3.4, install the supplied 1" wide PSA (pressure sensitive adhesive) hook velcro to the lower inside surface of the windshield just below the bend as shown. Start from one end of the windshield and go all the way to the other end (ref.: 36" long). Note: surfaces must be clean, dry, and at room temperature for best adhesion. Install a 5" long piece of velcro approximately where shown (from point "a" to point "b"). Dry install the fabric front cowl filler to help estimate where to install this short vertical piece on each side of the vehicle. Note: the velcro crosses over and on top of the bulb rubber which covers the edge of the side frame plastic.



Fig. 3.3 (view from rear, old style roof)

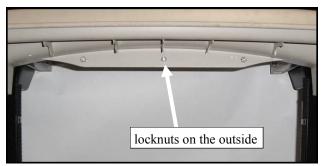
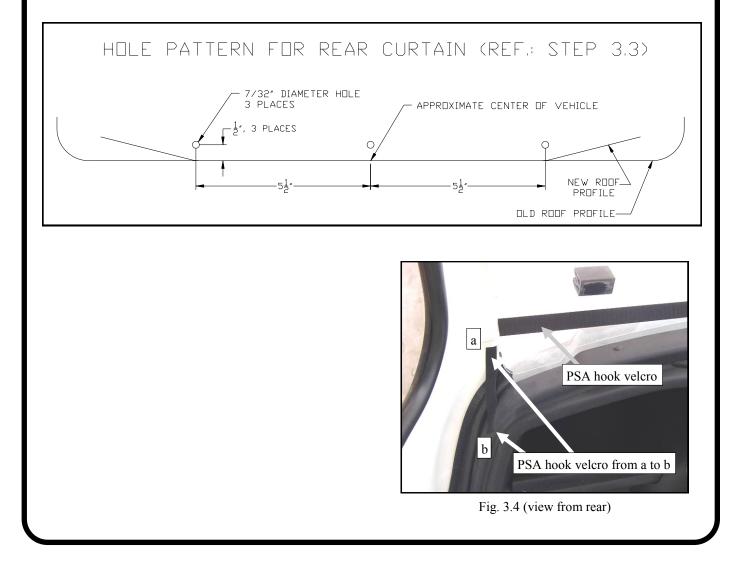


Fig. 3.3a (view from rear, new style roof)



3. VINYL FILLERS (cont'd.)

3.5 Per fig. 3.5, install the fabric front cowl filler to the newly installed hook velcro as shown.

3.6 Per fig. 3.6, install 1" wide PSA hook velcro to the under side of the upper windshield where shown (near the bend). Cover the full width from left to right. Ref.: 40" long.

3.7 Per fig. 3.7, install a 3" long piece of the supplied hook velcro to the top curved portion of the roof support tubing as shown. Repeat for opposite side.

3.8 Per fig. 3.8, attach the fabric front draft panel to the five snaps, then to the newly installed short pieces of hook velcro on the top curved portion of the tubing, and finally to the long strip of velcro along the under side of the bend in the top of the windshield.

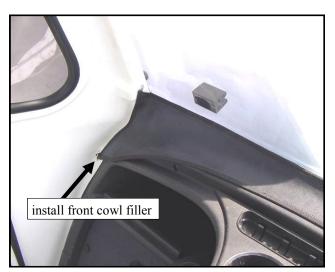


Fig. 3.5 (view from right side)

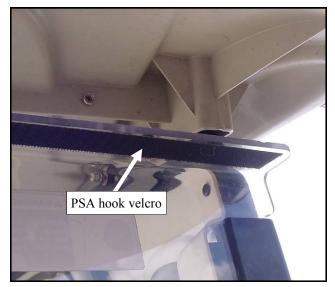


Fig. 3.6 (view from front)

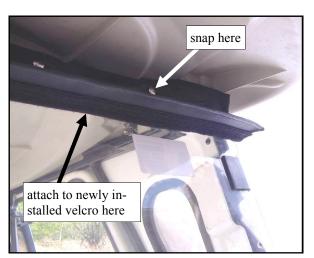


Fig. 3.8 (view from front)



Fig. 3.7(view from front)

3. VINYL FILLERS (cont'd.)

3.9 Per fig. 3.9, if the windshield is not used or is in the folded down open position, the front draft panel can be rolled up and stored away via the mating velcro that is sewn on. This piece can be rolled up for general ventilation purposes also.

4. REAR CURTAIN

4.1 Per fig. 4.1, re-install the down spouts and flexible rubber boots using the original equipment hardware (ref.: 2 bolts and 2 washers per side).

4.2 Per fig. 4.2, install PSA hook velcro to the inner surfaces of the rear tubes as shown. Stop and re-start on both sides of the holes.

4.3 Per fig. 4.3, install hook velcro to the back inside edge of the seat as shown. Ref.: 10" long per side. Note: the white bold line shown in the photo is to help indicate where the velcro should be applied.



Fig. 3.9 (view from rear)



Fig. 4.1 (view from right side)

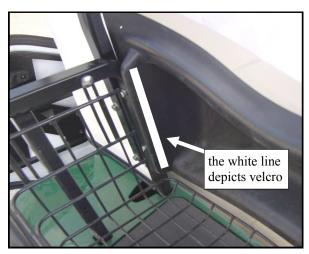


Fig. 4.3 (view from right side)



Fig. 4.2 (view from right side)

4. REAR CURTAIN (cont'd.)

4.4 Per fig. 4.4, attach the lower curtain to the upper curtain via the attached Velcro.

4.5 Per fig. 4.5, snap the rear curtain in place then per step 4.6 below, adhere the sides to the newly installed velcro on the inside vertical surfaces of the rear tubing as shown. Note: the top rear corners will end up fairly high to form a shelf/pocket as will be self evident once it's been worked into place.

4.6 Per fig. 4.6, start adhering the side velcro at the notch near the top of the seat as shown and work your way up to the top.

4.7 Per fig. 4.7, feed the lower rear curtain down between the basket and the back of the seat. Pull it down as far as it will go.

4.8 Per fig. 4.8, velcro the final two lower sides to the back sides of the seat (ref.: attach to the newly installed velcro shown in fig. 4.3 on the previous page).



Fig. 4.7 (view from right side)

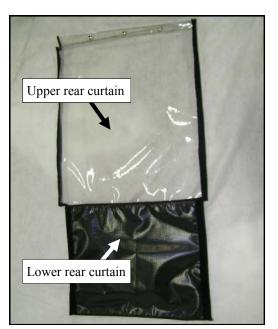


Fig. 4.4 (rear curtain assembly)

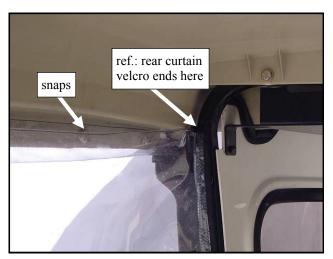


Fig. 4.5 (view from right side)



Fig. 4.8 (view from rear)



Fig. 4.6 (view from right side)

5. BUNGEE CORD

5.1 Fig. 5.1 shows the door bungee cord stored (not in use). Fig. 5.1.1 shows the cord stretched to connect to the basket to stabilize the door in the open position.

6. FINISHING TOUCHES

6.1 Install the supplied #10 nut covers (qty.: 9) on the hex locknuts on the stud snaps.

6.2 Peel protective film from windows.

6.3 Note: extra hardware has been provided in case they get lost. Discard extras such as washers, etc.

7. CARE AND MAINTENANCE

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

7.2 Clean windows with warm soapy water.

7.3 Vinyl components should be washed with a mild solution of warm soapy water.

7.4 Clear vinyl can be easily scratched. Be careful cleaning frost or snow from rear curtain. Do not roll curtain in cold weather. The curtain becomes stiff and may crack. Keep curtain clean.



Fig. 5.1 (view from rear)

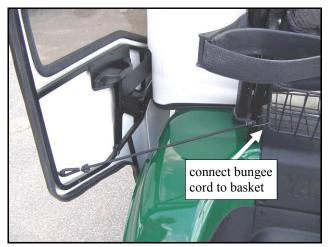


Fig. 5.1.1 (view from rear)

8. Door Adjustment

Note: If the door does not shut completely or has a gap in the front or back sealing area due to vehicle variation, the following adjustments may be required.

8.1 Per fig. 8.1, remove the sideframe end of the gas shock by releasing the metal clip and pulling the housing off the pivot ball. Loosen the two top pivot bolts.

8.2 From the inside, pull the door grab handle and hold while retightening the two top pivot bolts. Reinstall the gas shock on the pivot ball.

8.3 If further adjustment of the door is required, the hinge location can be modified. Remove the seat. Per fig. 8.3, loosen the four hinge bolts.

8.4 From the inside, pull the door grab handle and hold while retightening the four hinge bolts. Reinstall the seat.

9. Side Frame Adjustment

Note: If the seal below the seat is too tight or has a gap due to vehicle variation, the following adjustments may be required.

9.1 If the seal is too tight or too loose, the side frame can be moved out to provide more clearance or in to provide a better seal. As in step 1.3, temporarily remove drain tubes. Per fig. 9.1, loosen the two rear support bolts. Move the side frame inwards or outwards in the slots to desired fit.

9.2 Retighten the two rear support bolts and reinstall the drain tubes.

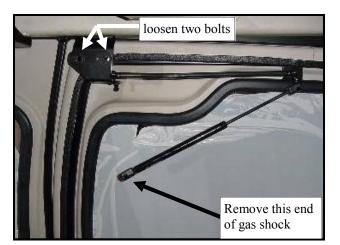


Fig. 8.1 (view from inside of driver's side door)

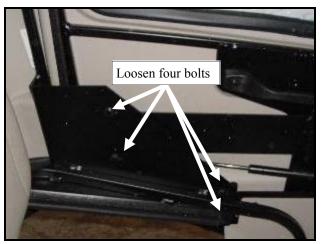


Fig. 8.3 (view from inside of driver's side door)

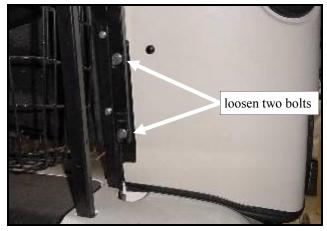


Fig. 9.1 (view from lower rear of passenger's side)

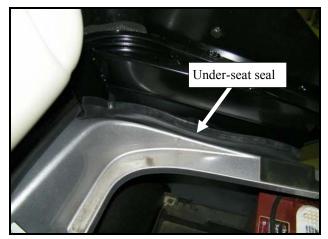


Fig. 9.2 (view from inside of driver's side door)