

# **Vinyl Enclosure #07337**

FOR

**Toro Workman MD series only**

## **PARTS LIST – ASSEMBLY INSTRUCTIONS**

### **IMPORTANT**

READ THIS MANUAL CAREFULLY AND KEEP FOR FUTURE REFERENCE

### **CAUTION !**

REMOVE THE VINYL PANELS FOR TRANSPORT IN AN OPEN TRUCK OR TRAILER

### **WARNING !**

THIS CAB WILL NOT PROTECT OPERATOR FROM INJURIES CAUSED BY COLLISION, OR OTHER ACCIDENTS



# WARNING

1. This cab is designed to provide foul weather protection only. It does not provide protection from noise, exhaust fumes, chemicals or injury from collision, or other accidents.
2. Do not operate the machine in confined areas without proper ventilation.
3. Thoroughly check area of operation before using the machine.

## MAINTENANCE INSTRUCTIONS

Periodically check all bolts to see that they are tight. If bolts become loose, failure of cab parts may occur.

DO NOT CLEAN THE CLEAR PLASTIC WINDOWS WHEN THE PLASTIC IS DRY.  
THE CLEAR PLASTIC WILL SCRATCH.

Avoid contact with plastic windows. Keep plastic windows clean by washing them with clear running water and rubbing with your bare hands, only. The use of a rag, sponge or brush will scratch the plastic. Liquid soap may also be used for window cleaning. During freezing weather, an automotive windshield washer solvent may be used.

Use liquid soap and water to clean colored vinyl portions. Scrubbing with a brush or rag is also permitted on the colored vinyl portions

## STORAGE INSTRUCTIONS

Prior to storage clean the windows and colored vinyl parts with a mild automotive detergent, rinse with clean water and allow to thoroughly dry, Store cab in a clean dry place out of direct sunlight. Avoid folding plastic windows.

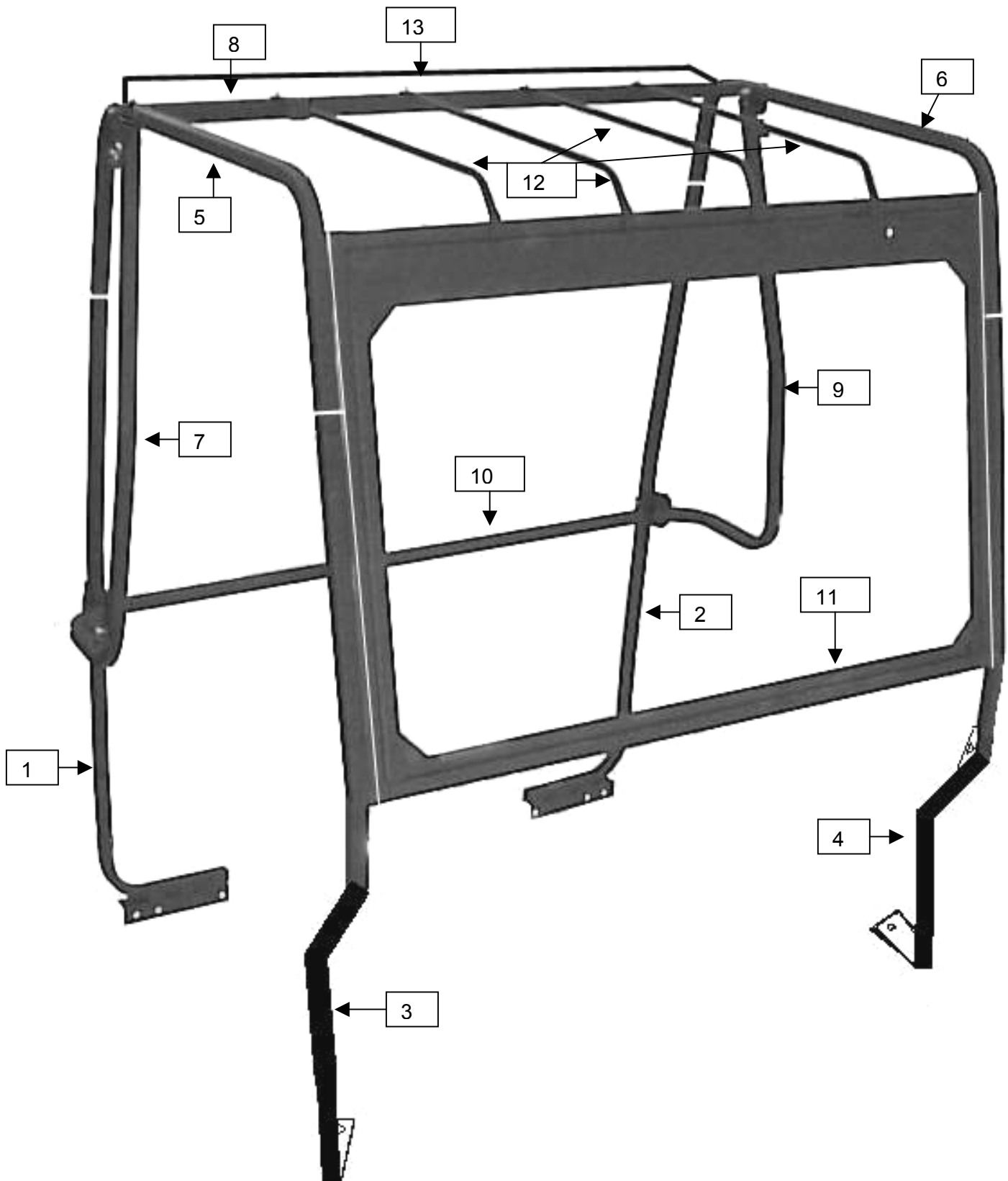
## INSTALLATION

READ THIS MANUAL COMPLETELY BEFORE BEGINNING INSTALLATION.

- The right side of the machine is determined from the operator position.
- Do not tighten bolts during assembly unless instructed to do so.
- Park machine on level ground, set parking brake, remove start key.
- The words "bolt" will refer to a 1/4"x 5/8" bolt and "lock nut" will refer to a 1/4" lock nut unless specified otherwise.
- Some of the steps will require two persons to complete.

**CARTON CONTENTS #07337 Vinyl Enclosure for Workman MD series**

Key #	Part #	QTY	Description
1	60046	1	Rear Post, RH (tagged)
2	60047	1	Rear Post, LH
3	60277	1	Front Post, RH (tagged)
4	60278	1	Front Post, LH
5	60048	1	Top Frame, RH (tagged)
6	60049	1	Top Frame, LH
7	60050	1	Door Post, RH (tagged)
8	60055	1	Top Cross Bar, (has tapped holes)
9	60051	1	Door Post, LH
10	60054	1	Rear Cross Bar
11	60057	1	Windshield
12	60056	4	Top Vinyl Support
13	60061	1	Rear Bow
14	60307	1	Dash Support Bracket, RH
15	60306B	1	Top & Rear Curtain
16	60279B	1	Door, RH
17	60280	1	Door Bottom, RH (tagged)
18	60281B	1	Door, LH
19	60282	1	Door Bottom, LH
20	60283B	1	Front Panel Vinyl
	9882	2	Door Latch
	9510	1	Hand Wiper Kit, (Installation instructions included)
	60285	1	Velcro® Package, (25' adhesive hook & four alcohol pads)
	60074	24"	3/8" Vent Hose
	60067	1	90° Fitting for Vent Hose
	60063	128"	Rubber Door Seal
	60284	1	Hardware Package, (Contents listed below)
	786	24	1/4"-20 X 5/8" Cap Screw
	908	4	1/4"-20 X 1 1/2" Cap Screw
	6654	4	1/4"-20 X 1 3/4" Cap Screw
	6653	4	1/4"-20 X 2" Cap Screw
	730	20	1/4"-20 Lock Nut
	3951	8	1/4" Flat Washer
	2	8	1/4" Lock Washer
	785	2	5/16"-18 X 1" Cap Screw
	9294	2	5/16"-18 X 3/4" Carriage Bolt
	9842	3	5/16"-18 Flange Lock Nut
	317	2	5/16" Flat Washer
	906	6	3/8"-16 X 1" Cap Screw
	9720	6	3/8"-16 Flange Lock Nut
	60308	1	5/16"-18 Clip Nut
	45057	4	Door Hinge (slotted)



**Step 1:**  
Identify the frame parts using the parts list and the above illustration.

## WARNING !

The following procedure to vent the fuel tank is required to prevent the build up of gasoline fumes inside the cab. Gasoline fumes can ignite causing serious injury or death.

**NOTE:** Installation of this enclosure on any MDE electric unit and 2010 & up gasoline models does not require Step 2.

### Step 2; See Figure 2A, 2B, 2C & 2D:

Install fuel tank vent hose.

**A.** Remove the knob from the gearshift. Remove the four screws that hold the shifter plate to the shifter bracket. Remove the four screws that hold the shifter plate to the seat base. Remove the shifter plate.

**B.** Remove the cotter pins and clevis pins that secure the parking cables to the rear wheel brake levers. Remove the R clamps and C clips holding the brake cable to the frame.

**C.** Remove the seats from the seat base. Remove the 8 flange screws securing the seat base to the floor plate and front frame. Remove the seat base.

**D.** Install the fuel tank vent extension fitting and hose as shown below.

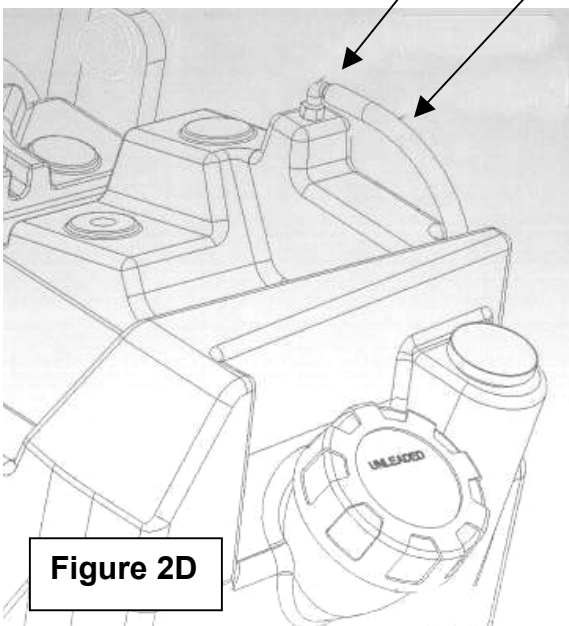
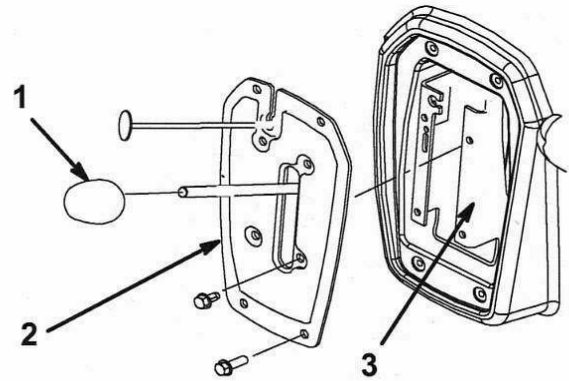


Figure 2D

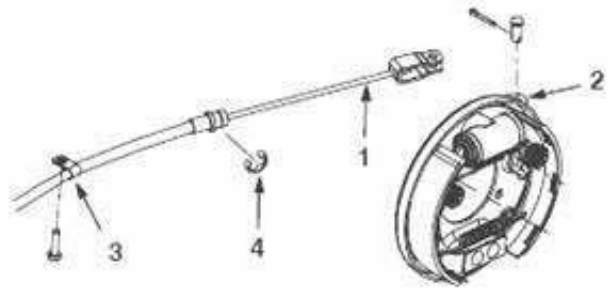
**E.** Reverse steps 2 A B & C to replace the seat and seat base



- 1. Gear shift knob
- 2. Shifter plate

- 3. Shifter bracket

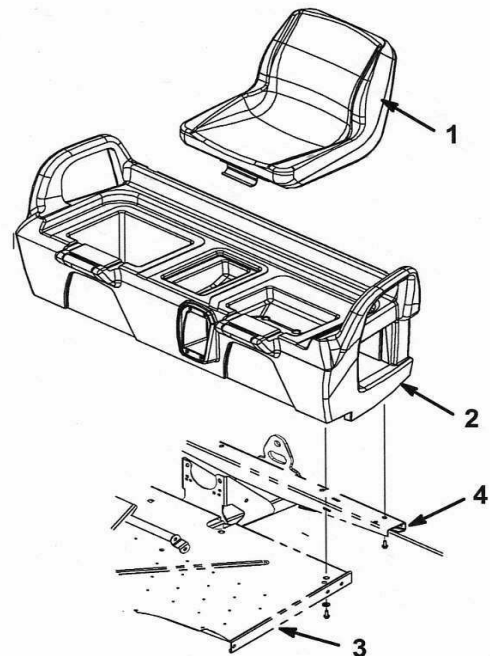
Figure 2A



- 1. Parking brake cable
- 2. Brake lever

- 3. R-clamps
- 4. C-clips

Figure 2B



- 1. Seat
- 2. Seat base

- 3. Floor plate
- 4. Front frame

Figure 2C

**Step 3; See Figure 3A & 3B:**

Install right and left Rear Posts (1 & 2).

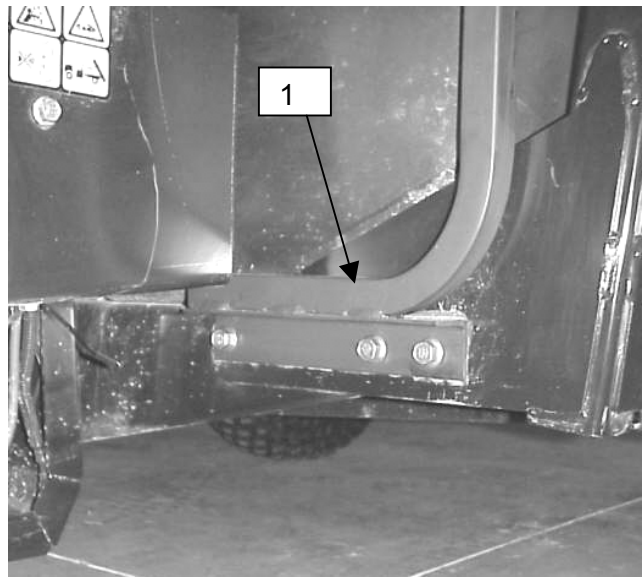
**IMPORTANT !**

If a ROPS bar is in place remove the bolts from the ROPS bar and attach the rear posts on top of the ROPS bar using the 3/8" x 1" bolts and 3/8" flange nuts.

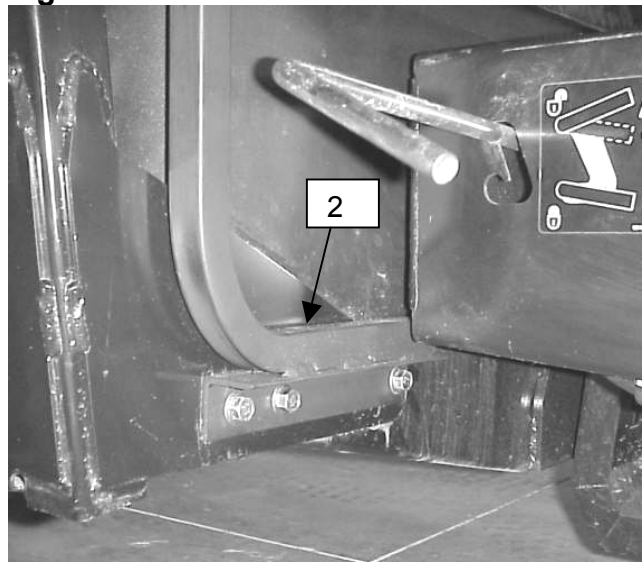
**A.** Use three 3/8" x 1" bolts and 3/8" flange locknuts to fasten the right Rear Post to the machine as shown.

**B.** Repeat this step on the left side with the left Rear Post.

**C. Tighten the bolts to R.O.P.S. torque specifications.**



**Figure 3A**



**Figure 3B**

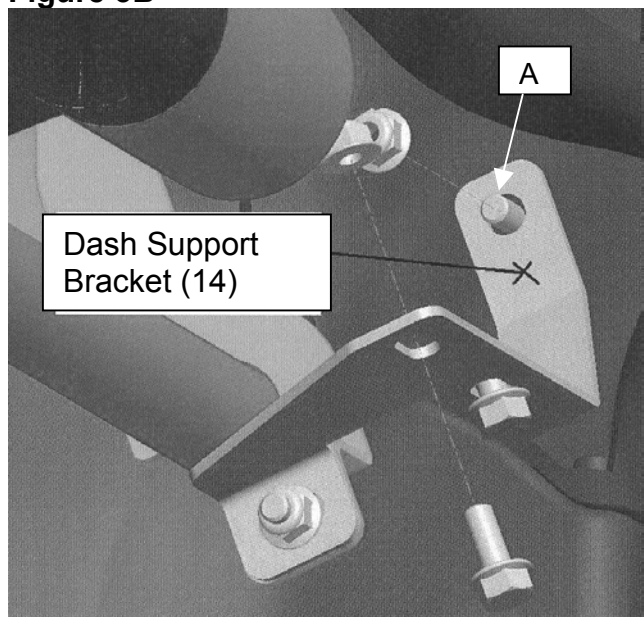
**Step 4; See Figure 4:**

Install the Dash Support Bracket (14).

**A.** Install clip on nut over the bolt hole at Reference A on the Dash Support Bracket.

**B.** Remove the bolt from the hole at Reference A. Remove the existing dash bracket and replace it with the one furnished in this cab.

**C.** Replace the bolts except for Reference A. Do not tighten the bolts at this time.



**Figure 4**

**Step 5; See Figure 5:**

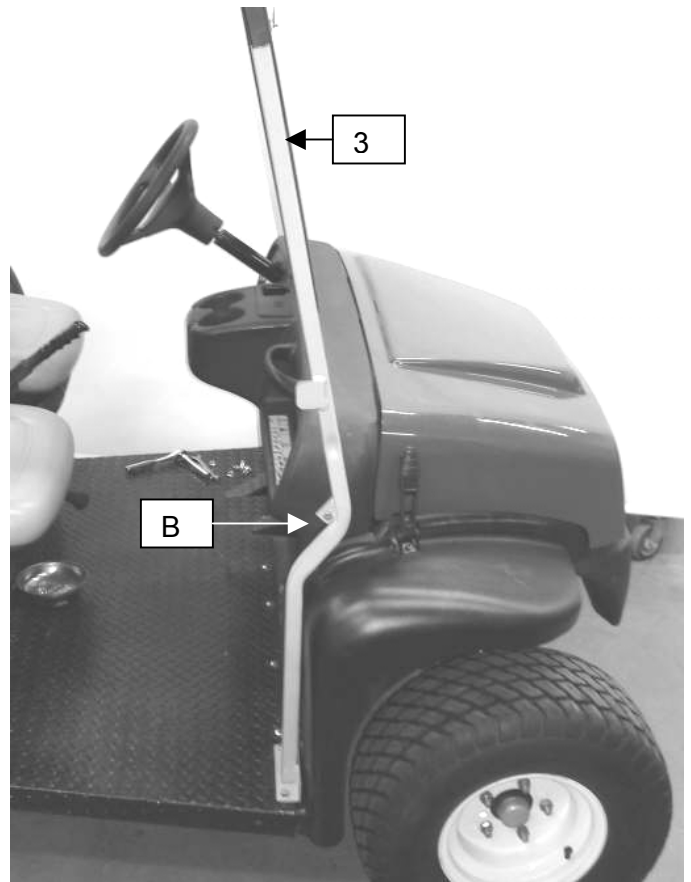
Install the right and left Front Post (3 & 4)

**A.** Place the right Front Post into position as shown.

**B.** Insert a 5/16" x 1" bolt with flat washer inwards through the slotted tab at Reference B, the dash and then the Dash Support Bracket into the clip nut. Do not tighten at this time.

**C.** Insert a 5/16" x 3/4" bolt down through the tab welded to the bottom of the post and the floorboard. Add a 5/16" flange lock nut. Do not tighten at this time.

**D.** Repeat the above steps on the other side. use a 5/16" locknut on the bolt at Reference B.



**Figure 5**

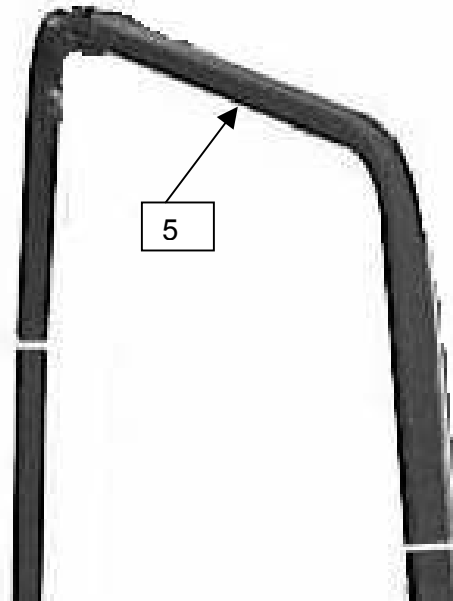
**Step 6; See Figure 6:**

Install the left and right Top Frames (5 & 6).

**IMPORTANT !**

The two thru-holes near the bend of the part should be at the rear of the top frame and the single tapped hole **must** be to the inside of the frame.

**A.** Place the ends of the top frames into the ends of the front and rear posts.



**Figure 6**

**Step 7; See Figure 7:**

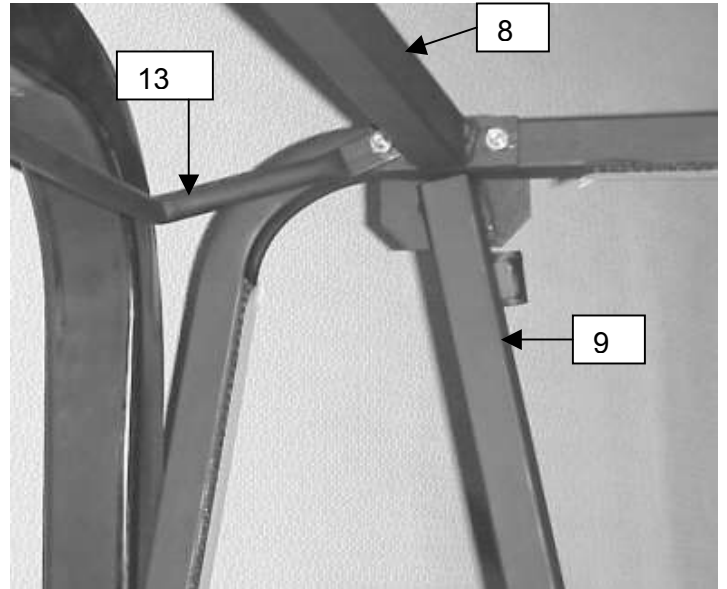
Install Door Post right and left (7 & 9), Top Cross Bar (8) and Rear Bow (13).

**A.** Hold the upper left Door Post in place over the two holes at the top. Insert two 1/4" x 2" bolts inwards through the holes. Repeat this step on the right side.

**B.** Place the Top Cross Bar (**tapped holes up**) over the bolts protruding through the Top Frame.

**C.** Place the Rear Bow over the rear bolt. Add lock nuts. Do not tighten at this time.

**D.** Repeat steps 7 B & C on the right side.



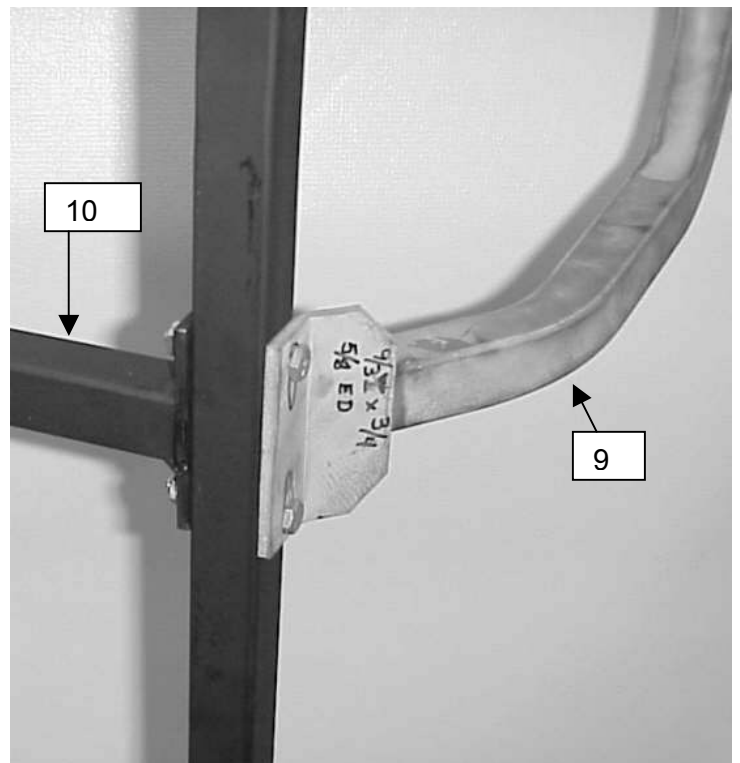
**Figure 7**

**Step 8; See Figure 8:**

Install Rear Cross Bar (10) and secure the lower end of the Door Post.

**A.** Insert two 1/4" x 1 3/4" bolts inwards through the lower end of the Door Post, the Rear Post and then one end of the Rear Cross Bar. Add lock nuts. Do not tighten at this time.

**B.** Repeat the above step on the right side.

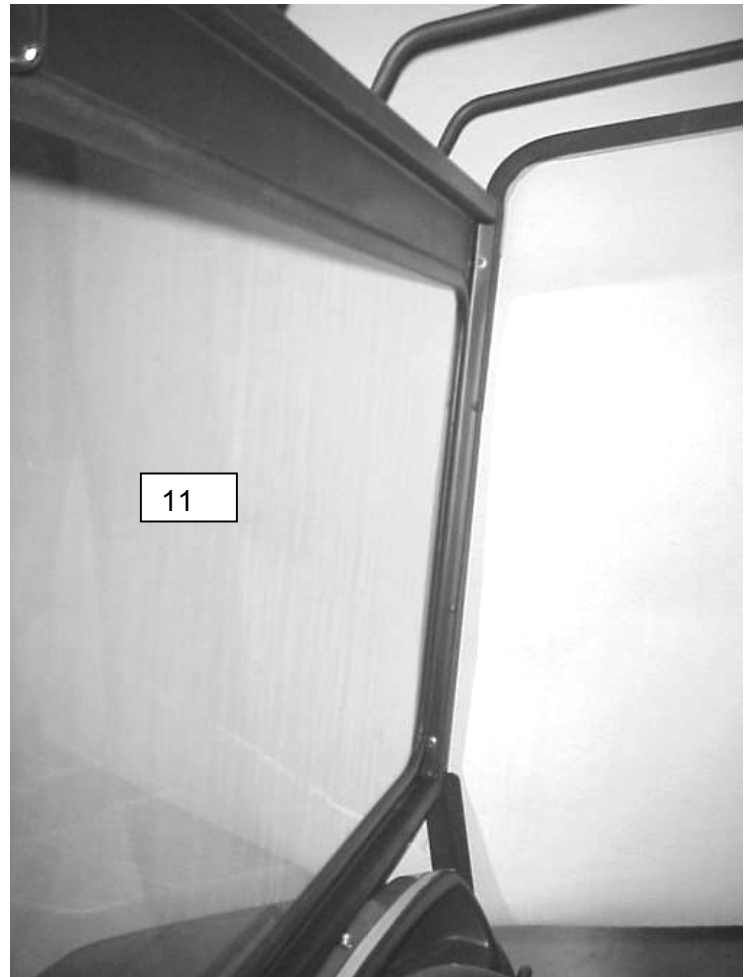


**Figure 8**



**Step 9; See Figure 9:**  
Install Windshield (11)

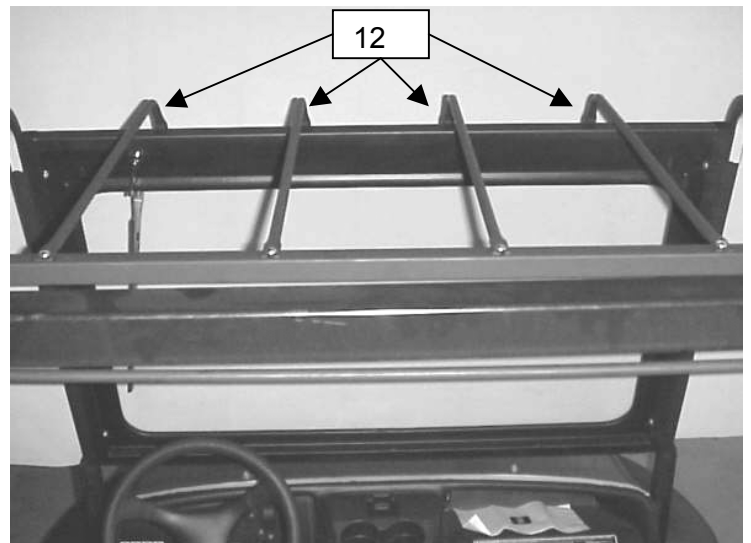
**A.** Set the Windshield in place between the Front Posts and Top Frames. Place a 1/4" lock washer over each of four 1/4" x 1 1/2" bolts. Align the holes in the parts and insert the bolts into the tapped holes. Do not tighten at this time.



**Figure 9**

**Step 10; See Figure 10:**  
Install Top Vinyl Supports (12)

**A.** Place the vinyl supports in place as shown. Insert eight bolts down through the holes in the Supports, the Top Cross Bar and the Windshield. Do not tighten the bolts at this time.



**Figure 10**

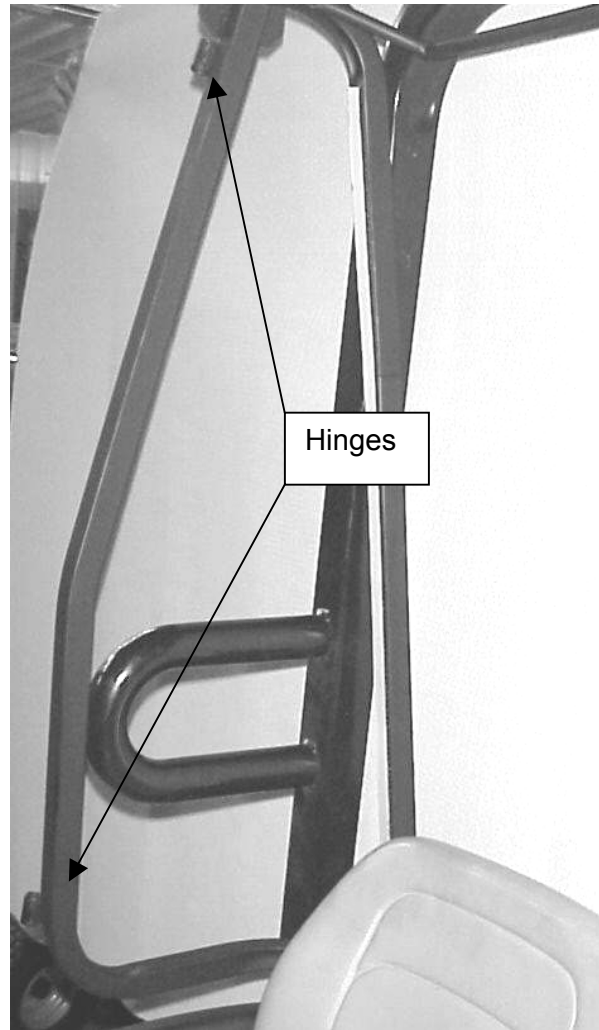
**Step 11; See Figure 11A, 11B, & 11C:**

Install right and left Doors (16 & 18), right and left Door Bottoms (17 & 19), Door Hinges, and Door Latches,

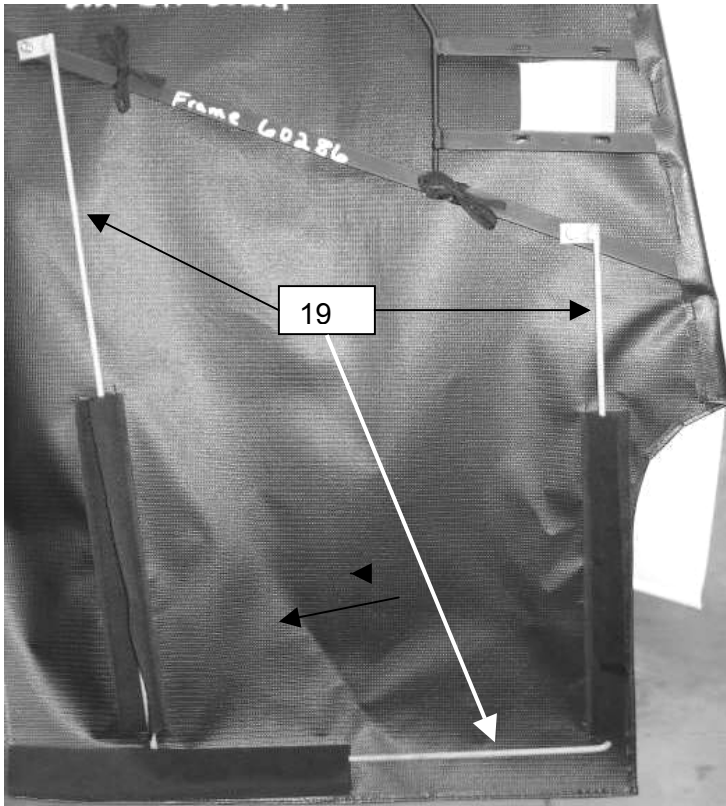
**A.** Bolt two door Hinges to the Door Post using 1/4" x 5/8" bolts and 1/4" lock washers to attach hinges to the out side of the Door Post. Tighten the bolts in the center of the hinge slots.

**B.** Insert the top of the hinge rod into the top hinge. Lower the door down into the bottom hinge. Place a Door Latch into the cut out as shown. Make slits in the vinyl for the bolts. Use four bolts & nuts with flat washers on the slots to fasten Door Latch to the Door. Do not tighten at this time.

**C.** Use two bolts (heads against the vinyl) and nuts to attach the Door Bottom to the Door. Open the Velcro® flaps and close them around the rod. Secure the ties to the bar on the door.



**Figure 11A**



**Figure 11C**



**Figure 11B (Inside of open left Door)**

**Step 12; See Figure 12A, 12B & 12C:**  
Install Rubber Door Seal. Cab frame / Door alignment.

**IMPORTANT !**

The 'U' shaped section of the rubber door seal will be applied to the edge of the door. The 'tube' shaped section of the rubber door seal should be between the doorframe and the cab frame.

The use of a rubber mallet is recommended to gently seat the seal onto the doorframe.

**A.** Cut two 63" pieces of rubber door seal. Allowing about a free inch to tuck behind the top panel's over lap, start pressing the 'U' shaped section of the rubber door seal onto the edge of the door frame. Follow the doorframe across the top edge and down along the leading edge of the doorframe. There will be some excess past the doorframe.

**B.** Cut out the section of "tube" between the arrows to prevent the Latches from binding. Repeat the above steps on the other side.

**C.** Place an 8" piece of adhesive Velcro® in place as shown to attach the door flap on left side.

**D.** Close the Doors and latch them. Adjust the latches and hinges as needed to align the Doors.

**E. Tighten all of the cab frame bolts left loose in previous steps. Remove the Doors by lifting them up and out of the bottom hinges.**

**IMPORTANT !**

Clean the area where the adhesive hook Velcro® is to be applied. Remove all dirt and oil then wipe with the alcohol pads provided.

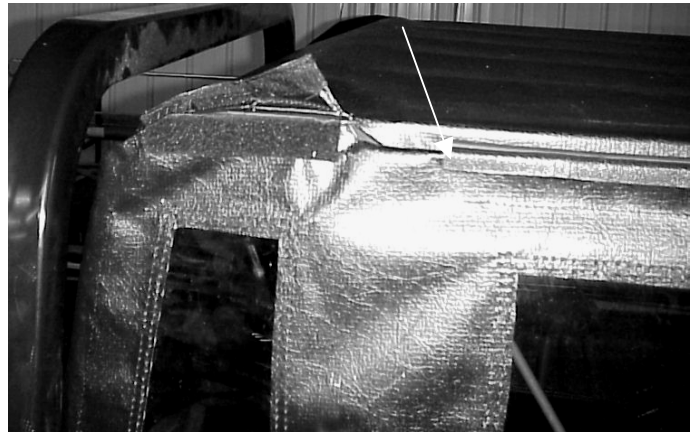


Figure 12A

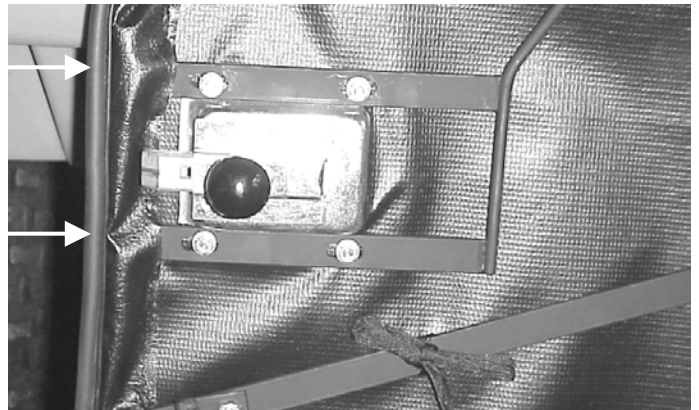


Figure 12B



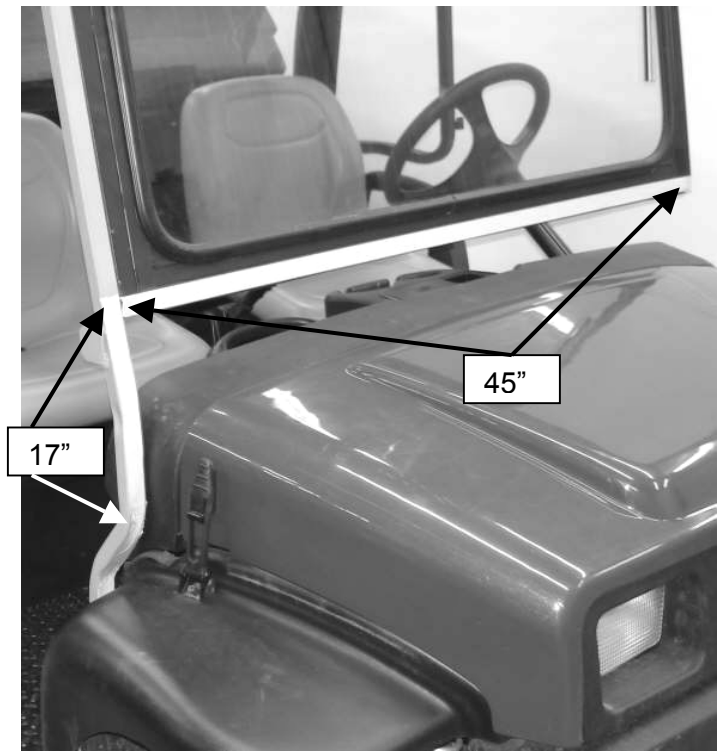
Figure 12C

**Step 13; See Figure 13:**

Install adhesive hook Velcro® for Front Panel Vinyl.

**A.** Cut a strip of adhesive hook Velcro® 45" long and apply to the lower front edge of the Windshield as indicated by the arrows.

**B.** Cut two strips of adhesive hook Velcro® 17" long and apply to the forward side of the Front Post as indicated by the arrows.



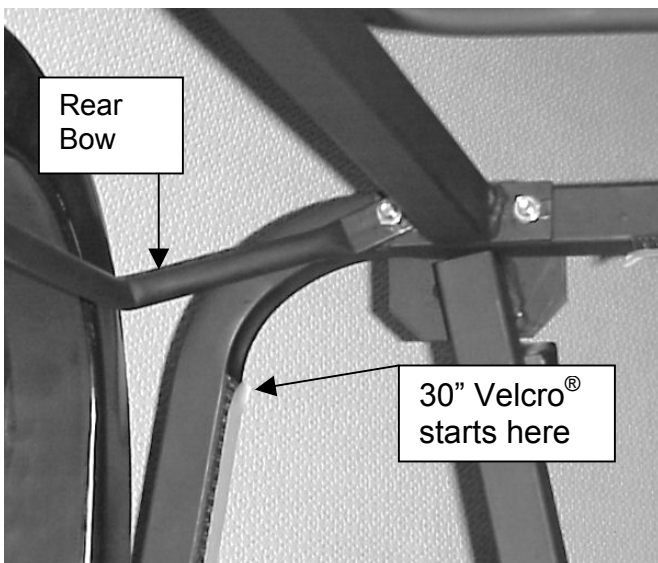
**Figure 13**

**Step 14; See Figure 14A & 14B:**

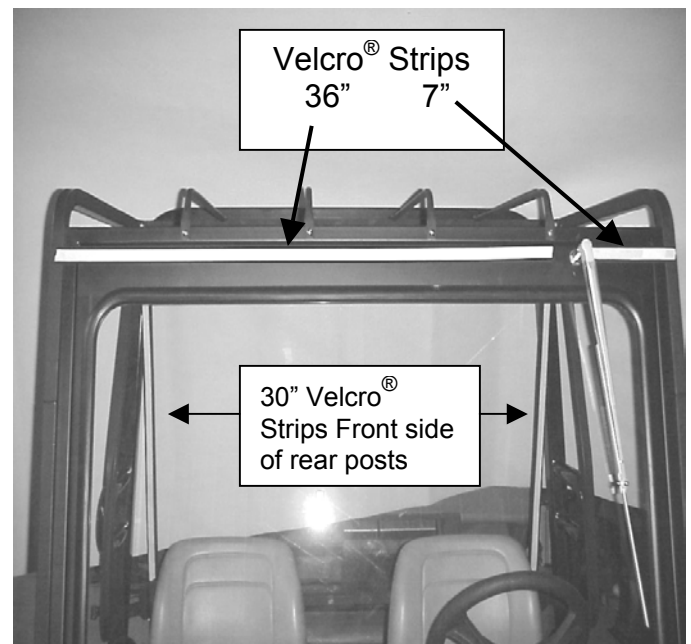
Install adhesive hook Velcro®.

**A.** Cut a strip of adhesive hook Velcro® 36" long and 7" long. Apply to the upper front edge of the Windshield as indicated by the arrows.

**B.** Cut two strips of adhesive hook Velcro® 30" long and apply to the forward sides of the Rear Posts as indicated by the arrows.



**Figure 14B**

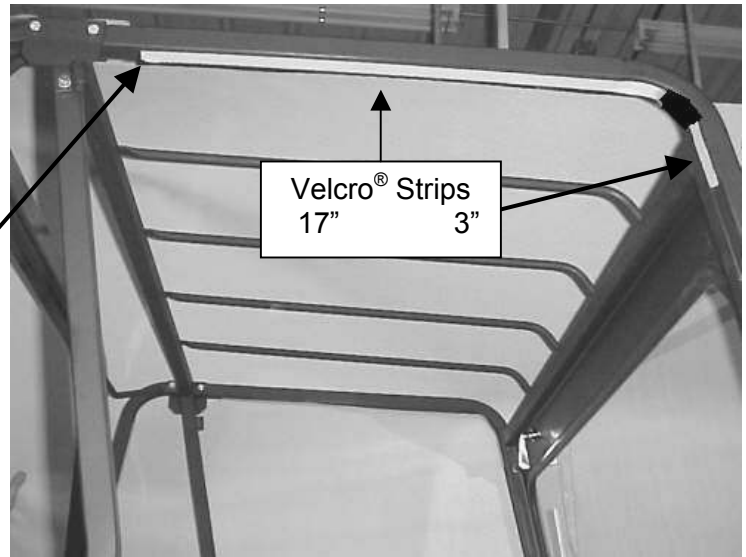


**Figure 14A**

**Step 15; See Figure 15:**  
Install adhesive hook Velcro®.

**A.** Cut two strips of adhesive hook Velcro® 17" long and 3" long and apply to the bottom side of both Top Frames as indicated by the arrows.

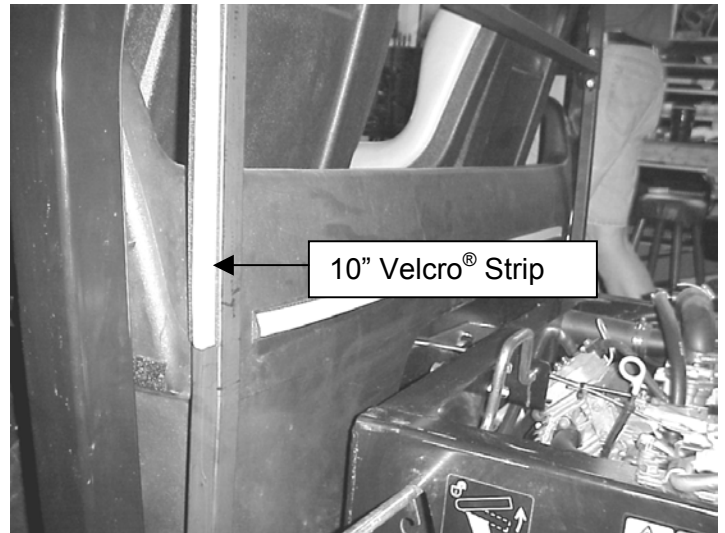
**NOTE:** Start the strip about 1 1/2" from the mounting flanges of the Doorposts.



**Figure 15**

**Step 16; See Figure 16:**  
Install adhesive hook Velcro®.

**A.** Cut two 10" pieces of adhesive hook Velcro® and apply one piece to the outside of each rear post. Start the piece just below the lower edge of the Rear Cross Bar mounting flange.



**Figure 16**

### IMPORTANT !

Before continuing to STEP 17, check the position of the rear bow with Figure 14B and adjust accordingly.

#### Step 17:

Install Top / Rear Curtain

- A.** Cut a 40" piece of adhesive hook Velcro® (**DO NOT remove protective backing strip**) Press the hooked strip onto the loop (soft pile) Velcro® located at the bottom edge of the Rear Curtain section of the panel. (window)
- B.** Starting from the front, attach the front edge Velcro® to the two strips previously installed on the windshield frame in steps 14A.
- C.** Drape the Top & Rear Curtain over the top frame members and down the back (between the ROPS bar if installed) of the installed frame. **DO NOT fasten any other Velcro® strips at this time.**
- D.** Fasten the Velcro® strips of the Top panel to the strips installed on the top frame in step 15, see figure 15.
- E.** Fasten the Velcro® strips of the Top panel (rear window section) to the strips installed on the Rear Posts in Step 14 and Step 16.
- F.** Carefully remove the protective strip (avoid separating the strips) from the adhesive hook Velcro® that was installed on the lower edge of the Rear Curtain (step 17A)
- G.** Gently pull down on the curtain and press the adhesive hook Velcro® evenly to the back of the seat base.

#### Step 18; See Figure 18A &18B:

Install Front Panel Vinyl (20) & the assembled Doors.

- A.** Attach the Velcro® strips at the top together. Attach the sides to the Velcro® strips on the forward side of the Front Posts.
- B.** Reinstall Doors and secure the Rear flap of the Door to the Rear Curtain Velcro®. Secure the flaps on the rear corners of the top to the Door Velcro® at the arrow.

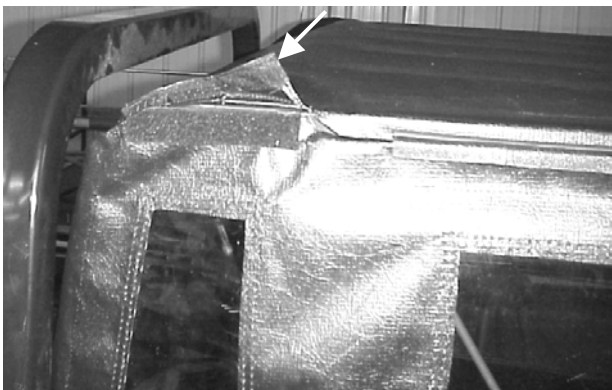


Figure 18B

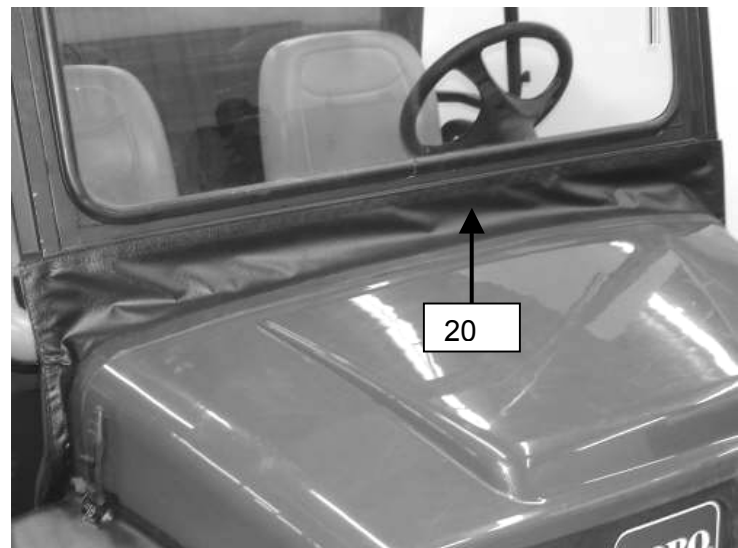


Figure 18A