

# ST Semi-Soft Enclosure Assembly Instructions



Treker 4220ST & 4420ST Series

Manual No. 701-190M



## Before You Start



When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!

**IMPORTANT:** Before you begin, read these instructions and check to be sure all parts and tools are accounted for. Please retain these instructions for future reference and parts ordering information.

Your Semi-Soft Enclosure is exclusively designed for the Land Pride 4220ST & 4420ST Trekers. Please read these installation instructions and your vehicle Operator's Manual thoroughly before beginning. Especially read information relating to safety concerns.

A separate 4220ST & 4420ST Treker Parts Manual is available free of charge at [www.landpride.com](http://www.landpride.com) or can be purchased from your nearest Land Pride dealer. Have model and serial numbers of your Treker handy when placing an order.

### Manual Part Numbers:

- Operator's Manual ..... 700-504M
- Parts Manual ..... 700-504P

## General Information

These assembly instructions apply to the following ST Enclosure listed below:

**701-189A CAB, ST TRUCK SEMI-SOFT**

### Tools required:

- Safety glasses
- Work gloves
- Pencil
- Tape Measure
- Side diagonal cutters
- Center punch
- Drift Punch
- Hammer
- Electric drill with 9/32" & 3/16" drill bit
- Extension cord (if required)
- 3/8" box end or open end wrench
- 7/16" box end or open end wrench
- 9/16" box end or open end wrench
- 5/8" box end or open end wrench
- 3/4" box end or open end wrench
- 3/32" Hex Socket Wrench
- 5/32" Hex Socket Wrench
- Phillips screwdriver
- Pop rivet gun for 3/16" pop rivets

### Further Assistance

Your dealer wants you to be satisfied with your new Semi-Soft Enclosure. If for any reason you do not understand any part of this manual or are not satisfied with the service received, the following actions are suggested:

1. Discuss the matter with your dealership service manager making sure he is aware of any problems you may have and that he has had the opportunity to assist you.
2. If you are still not satisfied, seek out the owner or general manager of the dealership, explain the problem and request assistance.
3. For further assistance write to:

**Land Pride Service Department**  
1525 East North Street  
P.O. Box 5060  
Salina, Ks. 67402-5060

E-mail address  
[lp servicedept@landpride.com](mailto:lp servicedept@landpride.com)

## Assembly Instructions

### Assembly Instructions

Before you begin, please read these installation instructions and the operator's manual thoroughly. Retain these instructions for future reference.

A detailed listing of parts for this accessory kit is provided on Page 13. Use the list as a checklist to identify and inventory parts received. Please contact your local Land Pride dealer for any missing hardware.

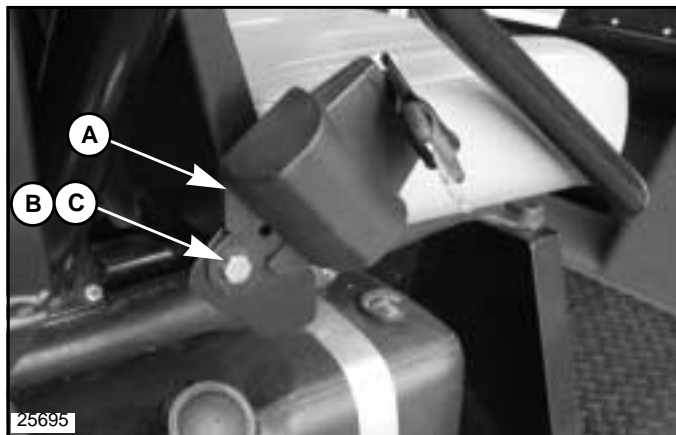
It is best if two people are available for installation. Approximate installation time is 2.5 to 3 hours.

**IMPORTANT: DO NOT TIGHTEN** hardware until instructed. Draw nuts up only enough to secure components to the vehicle. Be sure to allow enough slack to make adjustments later.

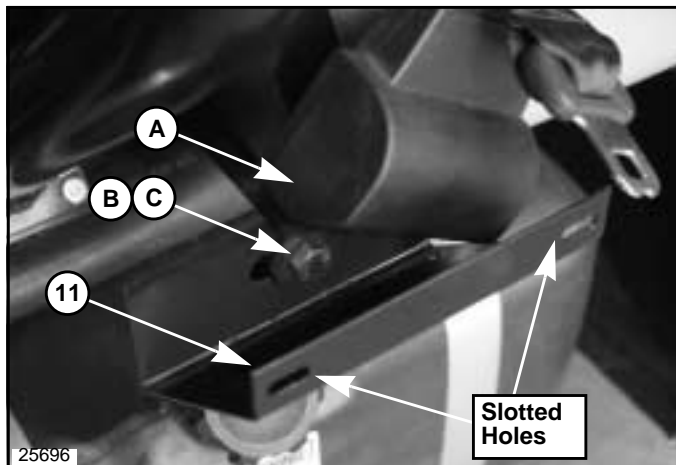
### Rear Panel Installations

*Refer to Figure 1:*

1. Remove retractable seat belts "A" from both sides of the Treker. Save seat belts and mounting hardware "B" & "C" for reinstallation in steps 2 and 3.



Seat Belt Removal  
Figure 1



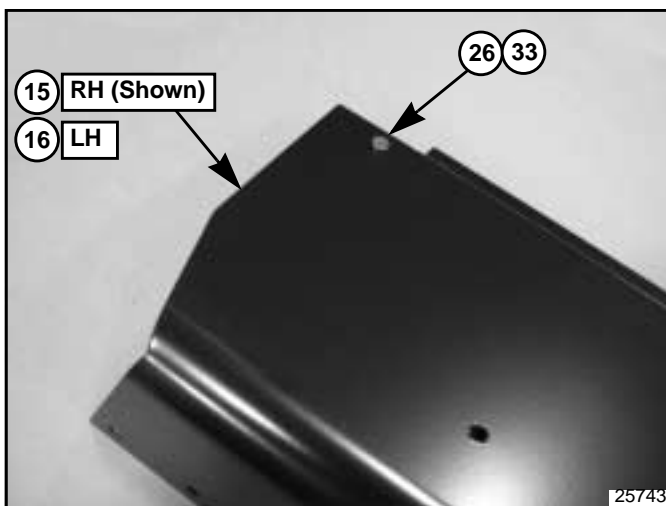
Lower Rear Filler Installation  
Figure 2

*Refer to Figure 2:*

2. Install lower rear filler (#11) on the right side between retractable seat belt and mounting bracket with existing 7/16"-14 x 1" GR5 hex head bolt "B" and 7/16" hex lock nut "C". Draw hex nuts up snug, do not tighten until instructed.
3. Repeat step 2 to install left side lower rear filler.

*Refer to Figure 3:*

4. Insert 1/4"-20 x 1/2" flat head stud (#26) in hole "D" of right rear panel (#15). (Flat head to be located on side shown.) Prevent stud from falling out by securing it loosely with a 1/4" hex flange nut (#33) (Not Shown).

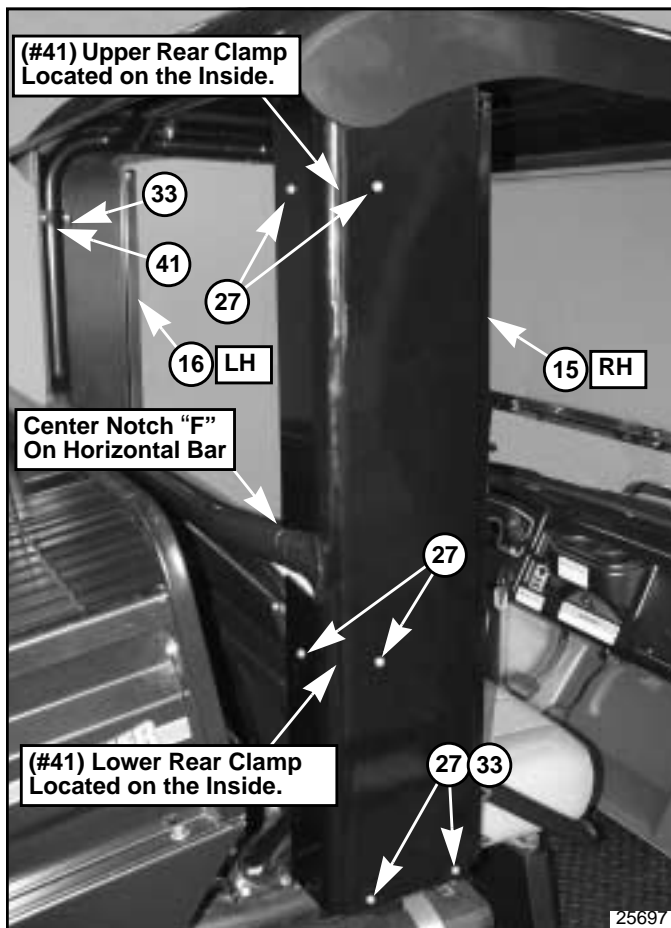


Right Rear Panel  
Figure 3

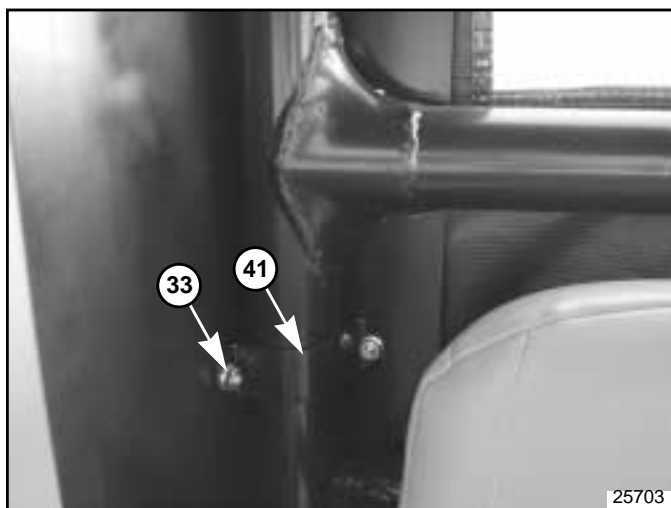
*Refer to Figure 4 & Figure 5:*

5. Attach right rear panel (#15) to the vehicle's accessory post with rear clamps (#41), 1/4"-20 x 1/2" button head bolts (#27) and 1/4" hex flange nuts (#33). Draw hex nuts up snug, do not tighten until instructed.
6. Align slotted holes in rear filler (#11 in Figure 2) with lower holes in rear panel (#15). Attach the panels together with 1/4"-20 x 1/2" button head bolts (#27) and 1/4" hex flange nuts (#33). Draw hex nuts up snug, do not tighten until instructed.
7. Center notch "F" in rear panel on horizontal cross bar and tighten bolts (#27) securing rear clamps (#41).
8. Adjust rear filler (#11 in Figure 2) fully forward and tighten 1/4" hex flange nuts (#33).
9. Adjust retractable seat belt "A" to approximately 45 degrees and then tighten 7/16" bolt "B" (see Figure 2) to 78 ft-lbs.
10. Repeat steps 4 to 9 to install left rear panel (#16).

# Assembly Instructions



Rear Panel Installation  
Figure 4



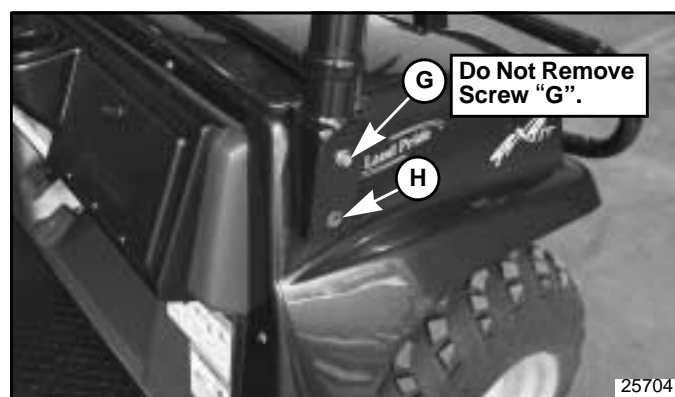
Rear clamp Installation  
Figure 5

## Front Panel Installations

Refer to Figure 6:

**IMPORTANT: DO NOT REMOVE** upper 5/16" hex flange bolt "G". Removing both bolts "G" & "H" at the same time will make reassembly difficult.

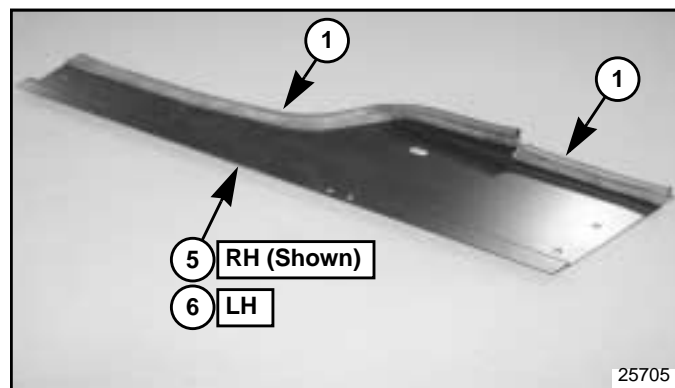
1. Do not remove upper bolt "G". Remove lower 5/16" hex flange bolt "H" from right front mounting bracket of the four post accessory bar. Do not reuse this bolt.



Front Post Mounting Bolts  
Figure 6

Refer to Figure 7 & Figure 8:

2. Install 3/4" rubber molding (#1) to right front lower panel (#5) as outlined below:
  - a. Measure length of metal edge where rubber molding will be installed.
  - b. Cut 3/4" molding (#1) to length by cutting through the metal portion with side diagonal cutters.
  - c. Press molding on starting at one end and work your way to the other end.
  - d. Repeat steps (a) to (c) until all lower panel moldings are installed.

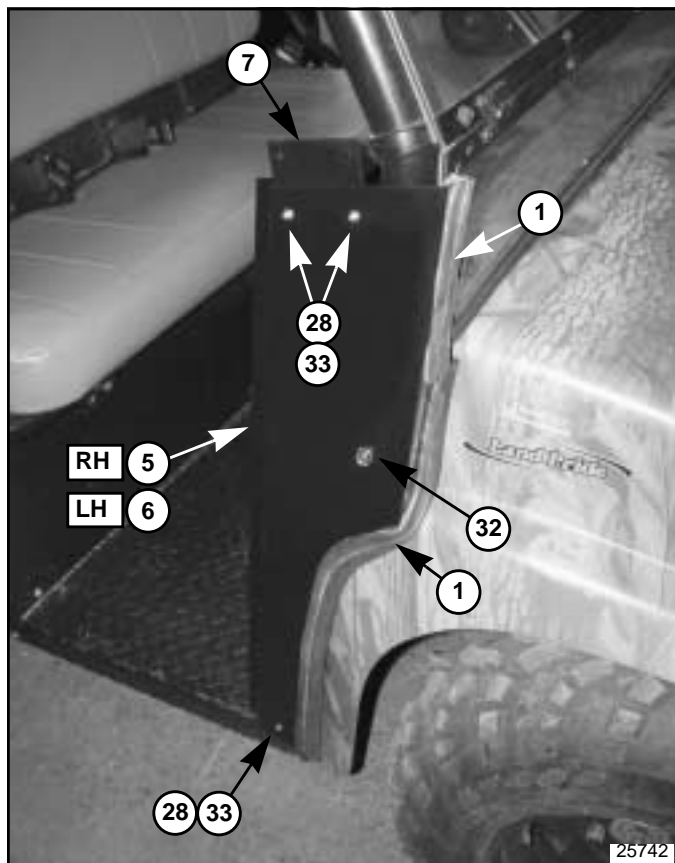


Rubber Molding Installation  
Figure 7

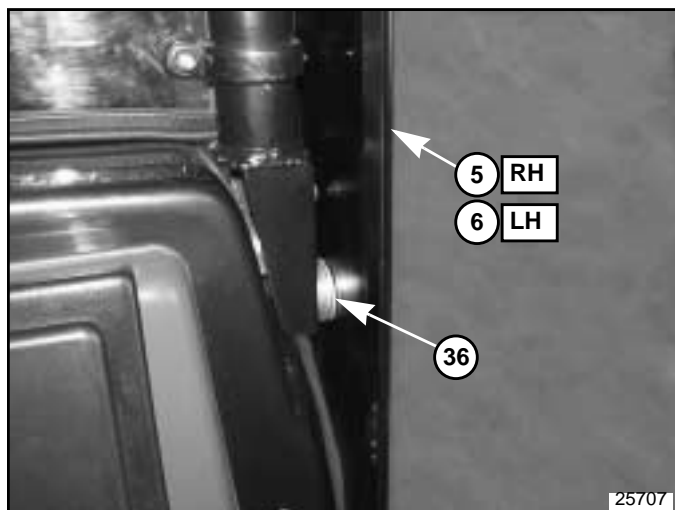
## Assembly Instructions

**Refer to Figure 8 & Figure 9:**

3. Attach right front lower panel (#5) to four post accessory mounting bracket with newly provided 5/16"-18 x 1 1/2" hex flange bolt (#32) and four 5/8" flat washers (#36). Locate 5/8" flat washers between accessory bar and lower panel. Draw hex nuts up snug, do not tighten until instructed.



**Front Lower Panel Installation  
Figure 8**

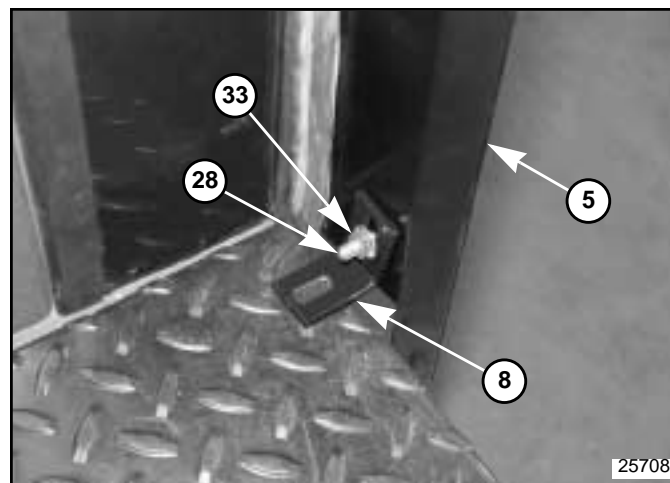


**Front Lower Panel Washer Installation  
Figure 9**

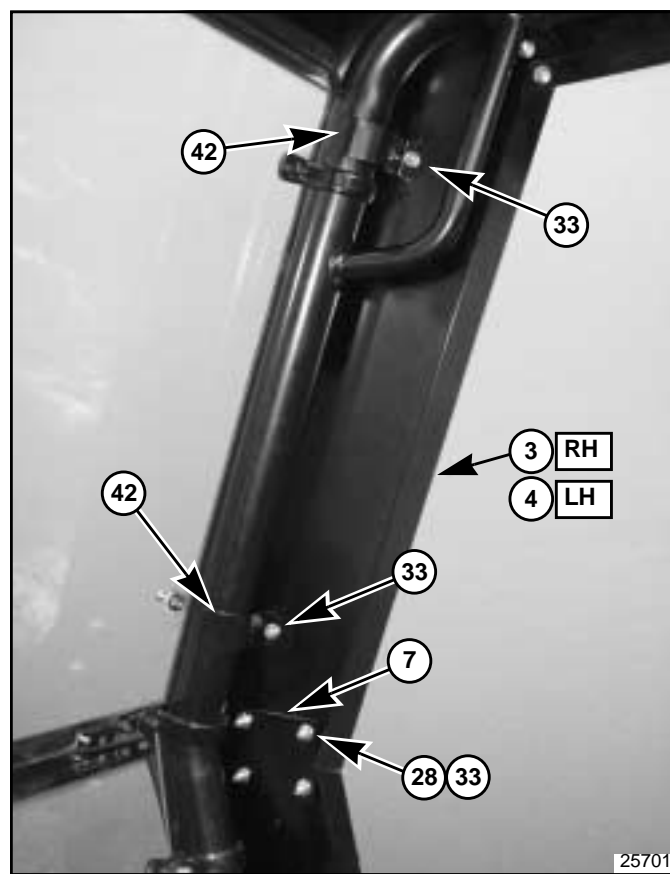
4. Install side plate (#7) with 1/4"-20 x 3/4" button head bolts (#28) and 1/4" hex flange nuts (#33). Draw hex nuts up snug, do not tighten until instructed.

**Refer to Figure 10:**

5. Install lower panel bracket (#8) to lower panel (#5) with 1/4"-20 x 3/4" button head bolt (#28) and 1/4" hex flange nut (#33). Draw hex nut up snug, do not tighten until instructed.



**Lower Panel Bracket Installation  
Figure 10**



**Front Clamp Installation  
Figure 11**

## Assembly Instructions

Refer to Figure 11 on page 4:

**NOTE:** Front windshield may be lowered to make upper front panel installation easier.

- Attach right front upper panel (#3) to side plate (#7) with 1/4"-20 x 3/4" button head bolts (#28) and 1/4" hex flange nuts (#33). Draw hex nuts up snug, do not tighten until instructed
- Attach panel (#3) to accessory post with two front clamps (#42), 1/4"-20 x 1/2" button head bolts (#27) and 1/4" hex flange nuts (#33). Draw hex nuts up snug, do not tighten until instructed.

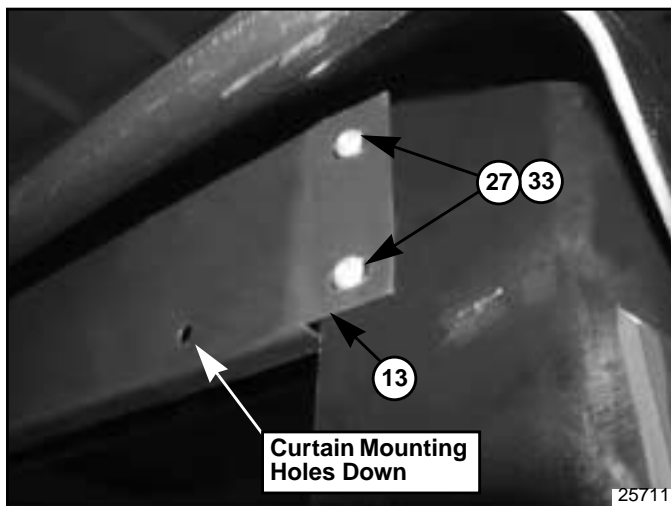
**IMPORTANT:** Do not tighten lower and upper front panel hardware until after completing "Front Panel Alignment" instructions beginning on Page 6.

- Repeat steps 6 to 5 to install the left front panels (#4 & #6).

## Lintel Installations

Refer to Figure 12:

- Attach rear closeout (#13) with curtain mounting holes down to rear panels with 1/4"-20 x 1/2" button head bolts (#27) and 1/4" hex flange nuts (#33). Tighten bolts to correct torque.



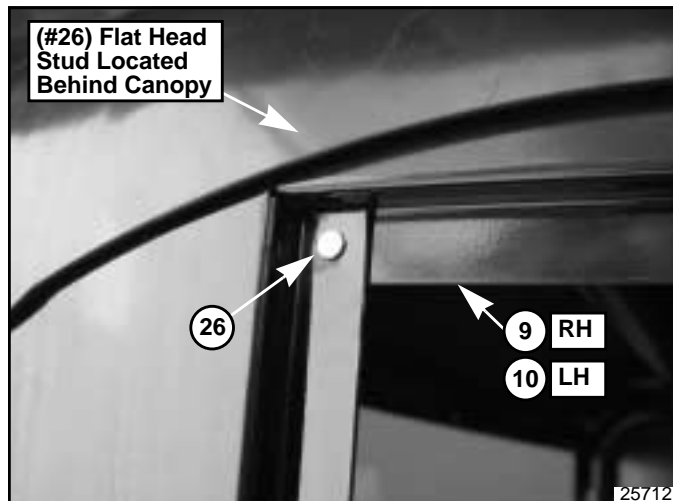
Rear Closeout Installation  
Figure 12

Refer to Figure 13 & Figure 14:

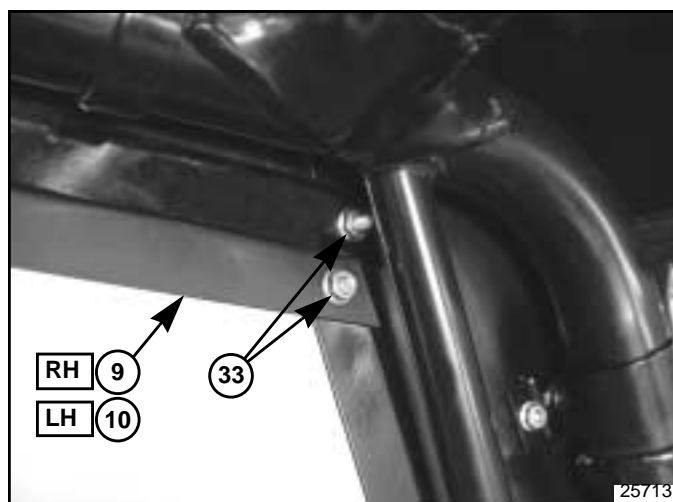
- Attach right hand door lintel (#9) to the back panel with two 1/4"-20 x 1/2" flat head studs (#26) and 1/4" hex flange nuts (#33). Draw hex nuts up snug, do not tighten until instructed.

Refer to Figure 15:

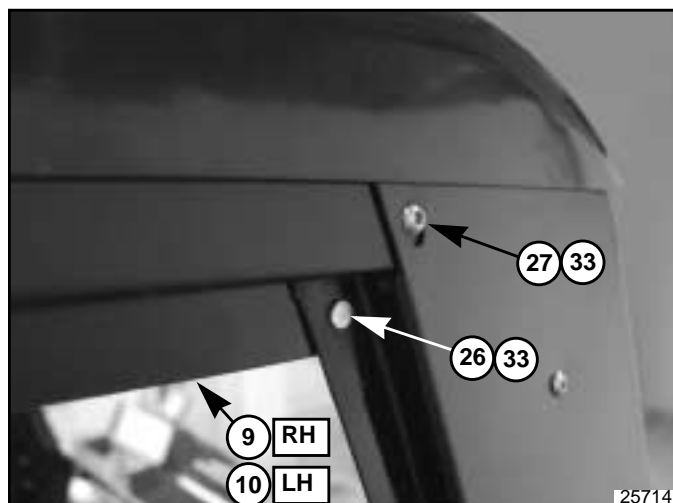
- Attach right hand lintel (#9) to the front upper panel with one 1/4"-20 x 1/2" flat head stud (#26) and one 1/4"-20 x 1/2" button head bolt (#27). A drift punch may be required to align the holes. Secure bolts with 1/4" hex flange nuts (#33). Draw hex nuts up snug, do not tighten until instructed.
- Repeat steps 2 and 3 for left side lintel (#10).



Door Lintel Installation, Exterior View of Rear Panel  
Figure 13



Door Lintel Installation, Interior View of Front Panel  
Figure 14



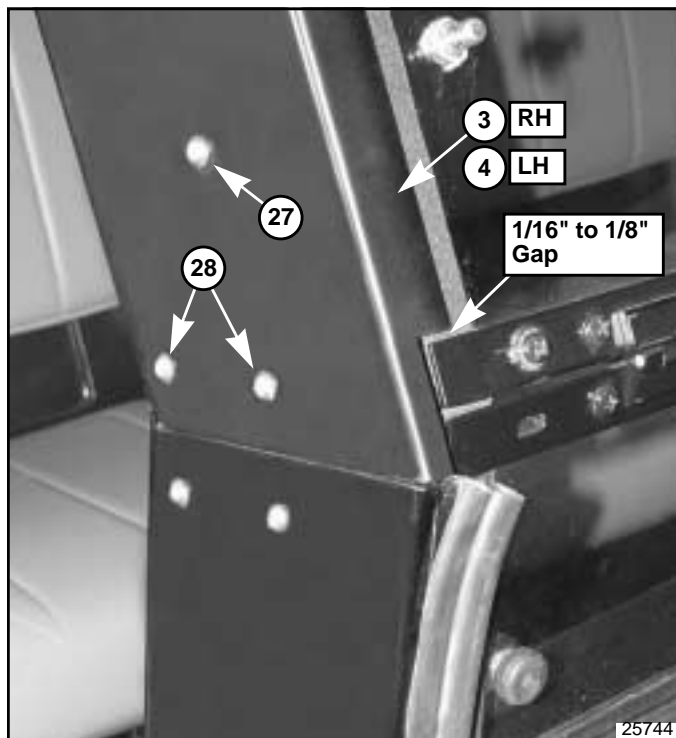
Door Lintel Installation, Exterior View of Front Upper Panel  
Figure 15

## Assembly Instructions

### Front Panel Alignment

Refer to Figure 16:

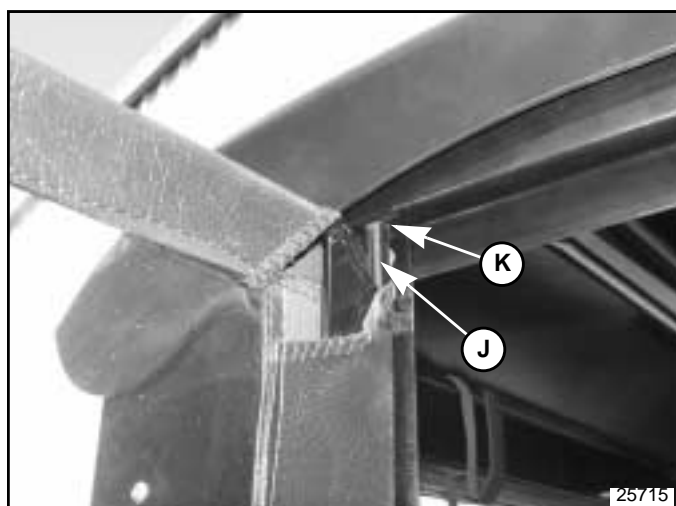
1. Position front right upper panel (#3) with notch just above window hinge by 1/16" to 1/8". Draw upper and lower front clamp bolts (#27) snug to hold panel in place.



Front Upper Panel Positioning  
Figure 16

Refer to Figure 17:

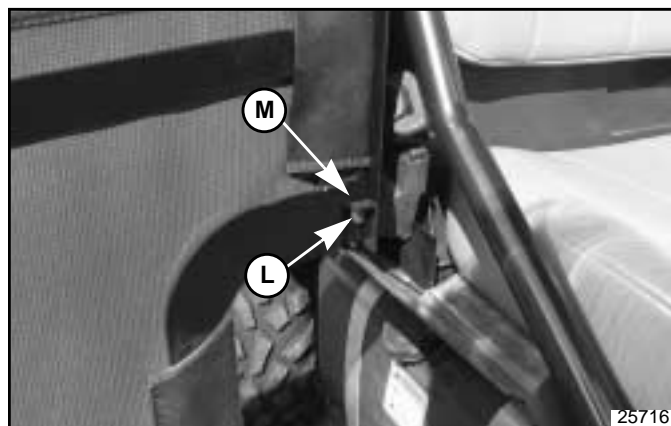
2. With right hand door in open position, Insert upper hinge pin "J" into the lintel pin hole "K".



Side Door Upper Pin Installation  
Figure 17

Refer to Figure 18:

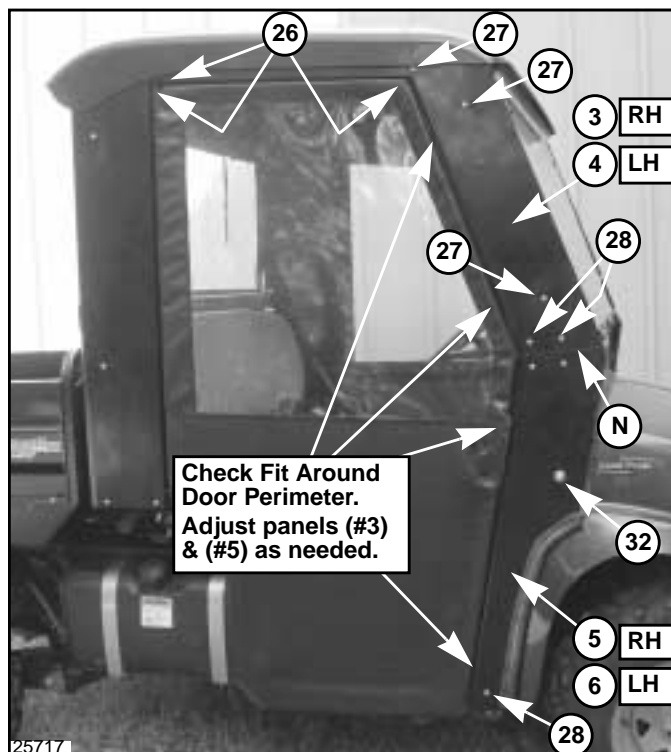
3. Lower bottom hinge pin "L" into the bottom pin hole "M".



Side Door Lower Pin Installation  
Figure 18

Refer to Figure 19:

4. Close door panel to check fit of door around perimeter of door opening. Reposition bottom of front lower panel (#5) forward or backward as needed to provide a proper fit around the door.
5. Adjust upper and lower front panels (#3 & #5) to be even at joint "N".
6. Tighten side plate button head bolts (#28) and front clamp bolts (#27).

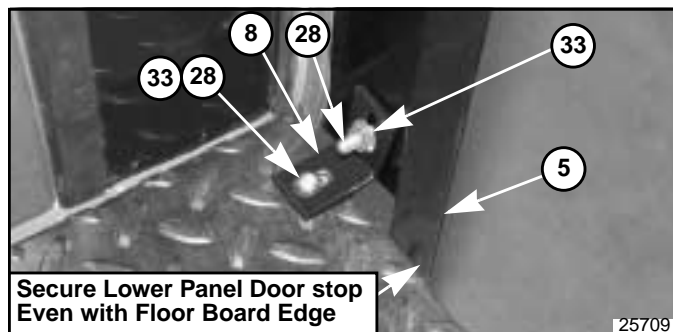


Right Side Door Fit-up  
Figure 19

## Assembly Instructions

### Refer to Figure 20:

- Remove mud from under floor board where panel bracket (#8) is located. Drill 9/32" diameter hole through slot in lower panel bracket (#8) and floor board. Make sure hole is drilled in a location that allows the door stop to be even with floor board edge.
- Position lower panel (#5) at the bottom so that the door stop is flush with the floor board edge and attach panel bracket (#8) to the floor board with 1/4"-20 x 3/4" button head bolt (#28) and 1/4" hex flange nuts (#33). Tighten panel bracket 1/4"-20 x 3/4" button head bolts (#28).



Lower Panel Bracket Installation  
Figure 20

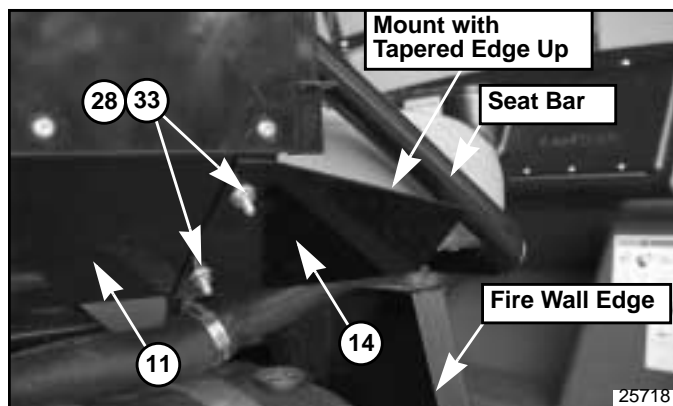
### Refer to Figure 19 on page 6:

- Tighten 5/16"-18 x 1 1/2" hex flange bolt (#32).
- Lightly tap or press flat head studs (#26) into their holes to prevent them from turning while tightening. Tighten all four lintel bolts (#26 & #27).
- Recheck door panel fit-up and then remove door panel from cab.
- Repeat alignment instructions, steps 1 through 11 for the left front panels (#4 & #6).

## Filler Plate Installation

### Refer to Figure 21:

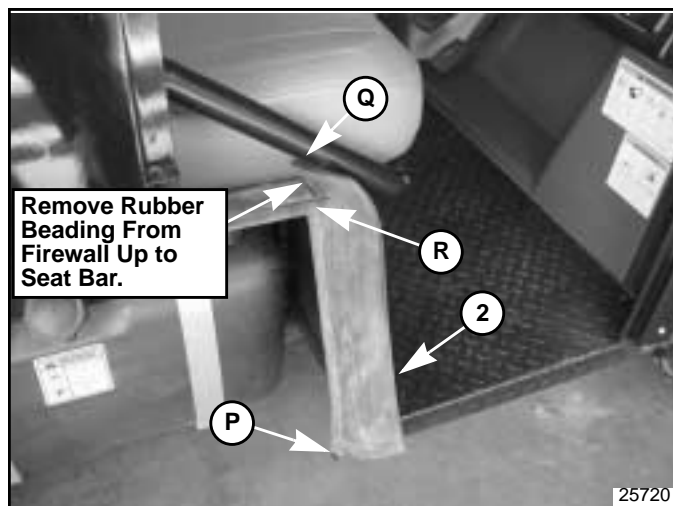
- Orient filler plate (#14) with tapered edge up and attach to rear filler (#11) with 1/4"-20 x 3/4" button head screw (#28) and 1/4" hex flange nuts (#33). Tighten nuts (#33).



Filler Plate Installation  
Figure 21

### Refer to Figure 22:

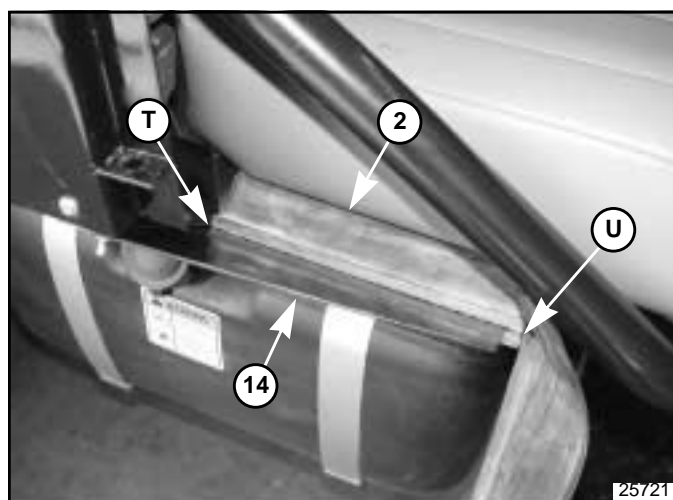
- Measure from point "P" to point "Q". (From fastener at bottom of fire wall to underside of seat bar.) Cut rubber molding ED5340 (#2) to measured length.
- Measure from point "R" to point "Q". (Top of fire wall edge to underside of seat bar.) Cut crimping bead from rubber molding for a distance equal to the measured length.
- Press rubber molding (#2) onto firewall panel edge.



Rubber Seal Installation  
Figure 22

### Refer to Figure 23:

- Measure from point "T" to point "U" along horizontal bottom edge of filler plate (#14) and cut rubber molding ED5340 (#2) to measured length.
- Attach rubber molding (#2) to filler plate (#14).
- Repeat steps 1 to 6 for the left hand side.



Rubber Seal Installation  
Figure 23

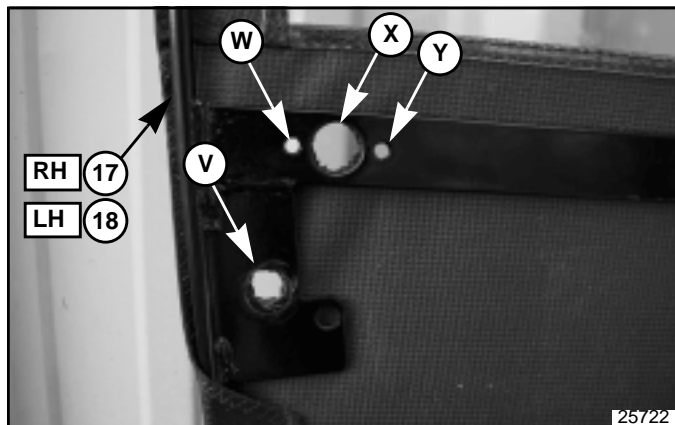


## Assembly Instructions

### Door Installation

Refer to Figure 24:

- Using holes in the metal stiffing bars as a guide, cut four holes ("V", "W", "X" & "Y") through door covering.
- Install right hand door assembly (#17) to the cab.



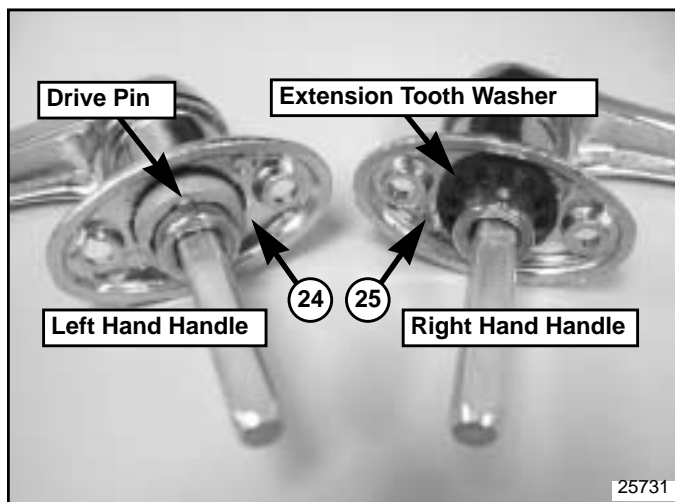
Door Cut-outs  
Figure 24

Refer to Figure 26:

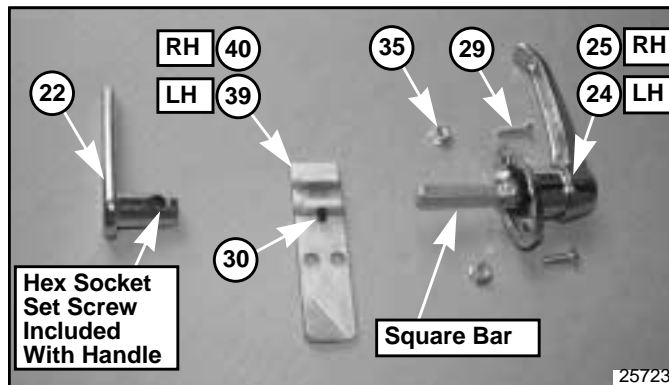
- Install hex socket set screw (#30) into the right hand latch plate (#40). Do not tighten.
- Install hex socket set screw (Included in package with door handle) into inner door handle (#22). Do not tighten.

Refer to Figures 25, 26, 27 & 28:

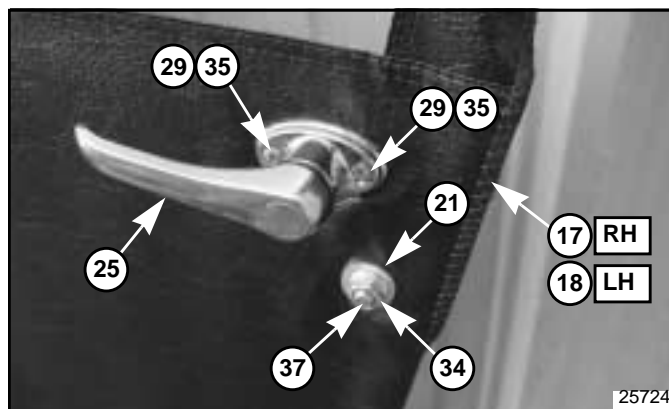
- Locate right hand "L" handle (#25) (handle with extension tooth washer) and insert it in hole "X". Secure handle with 10-24 x 3/4" Phillips head screws (#29) and hex flange nuts (#35). Tighten nuts (#35).
- Slide right hand latch plate (#40) with the bent corner facing down onto the handle's square bar. Hold latch plate slightly away from screws (#29) and tighten set screw (#30).



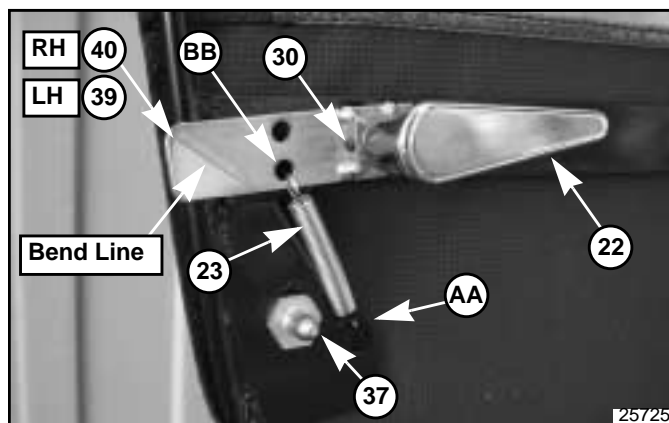
Exterior Door "L" Handles (Left Hand & Right Hand)  
Figure 25



Door Handle Components (Left Hand Shown)  
Figure 26



Right Hand Exterior Door Handle Installation  
Figure 27



Right Hand Interior Door Handle Installation  
Figure 28

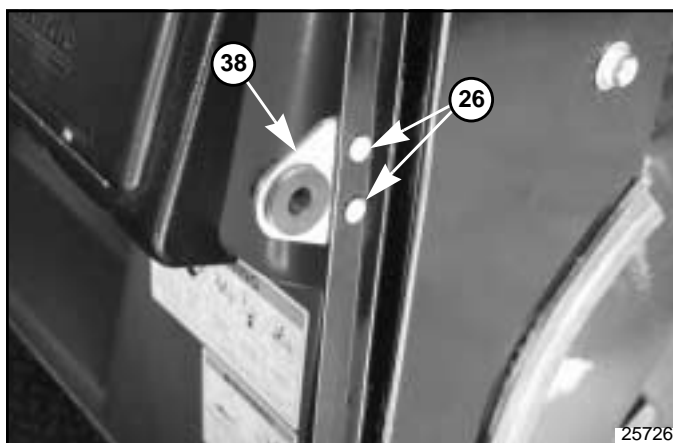
- Slide inner door handle (#22) onto the square bar with handle pointing towards the back. Hold door handle (#22) against door latch (#40) and tighten hex socket set screw in door handle.
- Connect latch spring (#23) from hole "AA" to the bottom hole "BB".
- Insert door pin (#37) through hole "V" in Figure 24. Secure with 5/16" USS flat washer (#21) and 3/8"-16 hex nut (#34). Do not tighten nut until instructed.



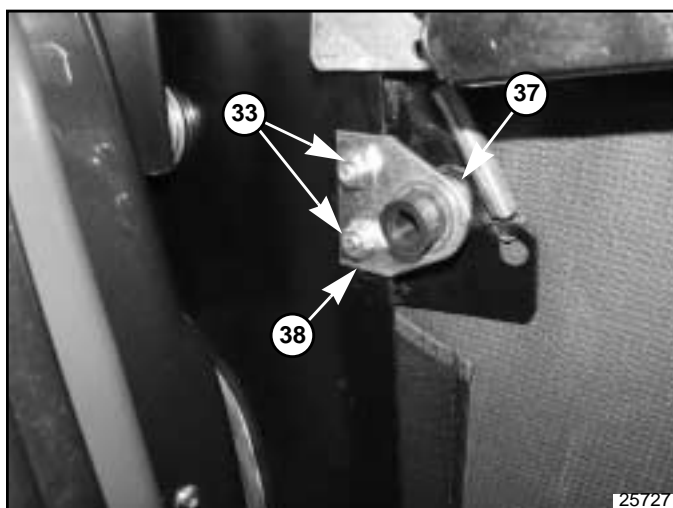
## Assembly Instructions

Refer to Figure 29 & Figure 30:

10. Attach door bushing (#38) to door stop with two 1/4"-20 x 1/2" flat head studs (#26) and 1/4" hex flange nuts (#33). Do not tighten hardware until instructed.
11. Pull door shut pressing door pin (#37) into door bushing (#38). Tighten 1/4"-20 hex nuts (#33) and door pin (#37).
12. Check door fit at upper and lower front panels.
  - a. If needed, bend upper front corner of door panel in by placing a 2x4 board just above the handle and pushing in at the top corner.
  - b. If needed, bend lower front corner of door panel in by placing a 2x4 board just below the handle and pushing in at the bottom corner.
  - c. If door pin does not extend inside the door bushing, bend lower front corner out.
  - d. Repeat steps (a), (b) and (c) until door fits properly.
13. Repeat steps 1 through 12 for the left door (#18).



Door Bushing Installation (Exterior view)  
Figure 29



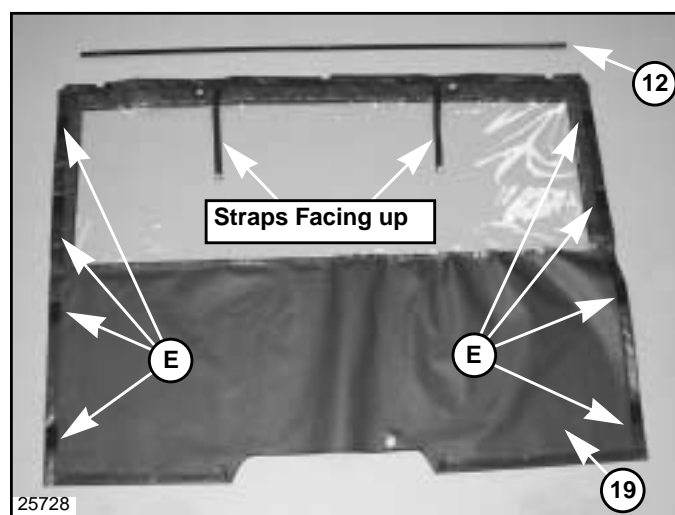
Door Bushing Installation (Interior view)  
Figure 30

## Rear Curtain Installation

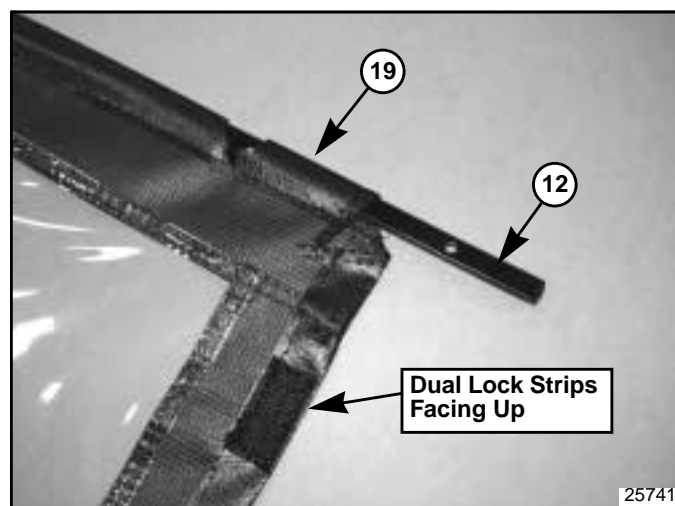
Refer to Figure 31 & Figure 32:

1. Unroll curtain assembly (#19).
2. Place curtain on a flat surface with Dual Lock™ strips "E" and straps facing up.
3. Insert 1/8" x 1/2" rear curtain strap (#12) into the 1" hemmed slot in curtain top.
4. Cut 8 pieces 2" long from Dual Lock™ Tape (#20). Do not removing tape backing until instructed.
5. With backing face up, press Dual Lock™ Tape (#20) into the Dual Lock™ strips "E" located on the curtain.

**NOTE:** Cut additional 2" strips of Dual Lock™ and attach to curtain assembly if needed.



Rear Curtain Set-up  
Figure 31

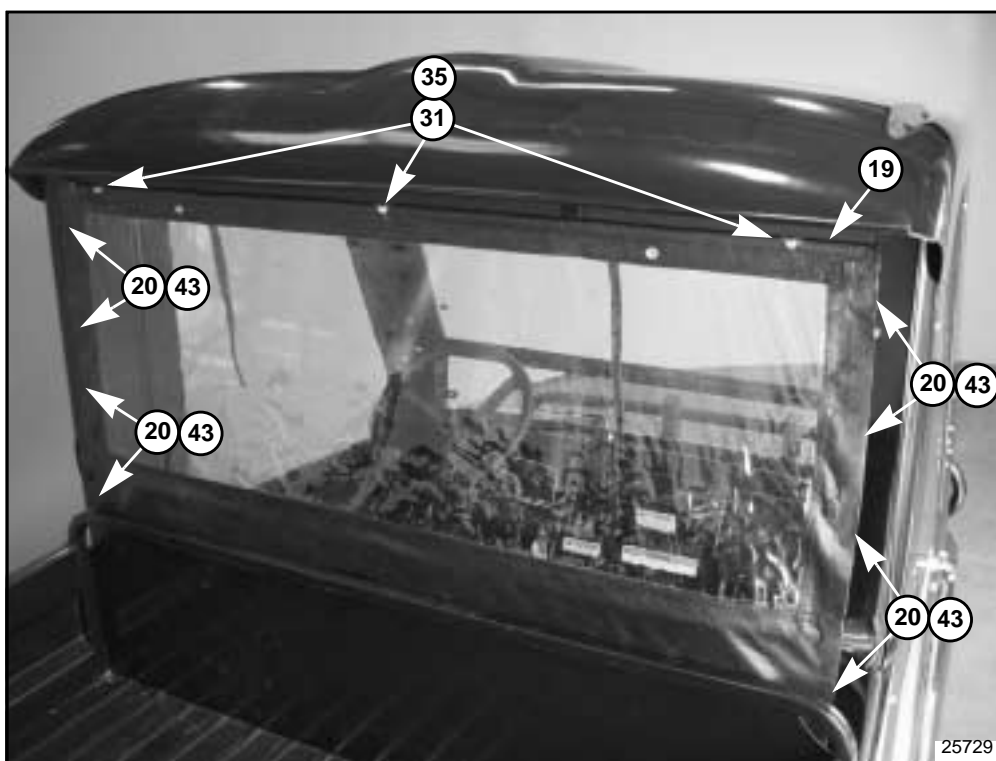


Rear Curtain Set-up  
Figure 32

## Assembly Instructions

### Refer to Figure 33:

6. With Dual Lock™ strips facing the cab and straps inside the cab, attach rear curtain (#19) to the rear closeout using three 1/4"-20 x 3/4" hex head machine bolts (#31) and hex flange nuts (#35).
7. Wash rear panels with soap and water. Rinse with water only and dry thoroughly.
8. Pull curtain panel into place to smooth out wrinkles. Remove Dual Lock™ Tape backing (#20) and stick tape to right and left rear panels starting at the top and working your way down to the bottom.
9. Be careful not to pull Dual Lock™ Tape from rear side panels while rolling rear curtain panel up.
10. Secure curtain in the rolled up position with curtain straps.
11. Locate and drill one 3/16" diameter hole through the center of each 2" long Dual Lock™ Tape strip that is stuck to the rear panels (#15 & #16).
12. Install one 3/16" pop rivet (#43) in each drilled and press tape strips down to ensure they are making full contact with the panels.



Rear Curtain Installation  
Figure 33

## Operating Instructions

---

### Operating Instructions

---

The door panels can be removed and the rear curtain assembly can be rolled up and snapped in place to allow air flow through the cab on warm days. Also the lower front windshield can be raised to allow additional air movement.

Roll up the rear curtain by pulling the curtain free from the cab at the Dual Lock™ strips and then roll the curtain up from inside the cab to prevent rain from falling into the roll. Pull the straps around to the outside and attach to the snaps just above the window. The rear curtain can also be completely removed by unbolting three bolts along the top edge.

Remove side doors by opening them up approximately 90 degrees, lifting up to remove the bottom pin from the lower hinge brackets and then lowering the doors to remove them from the upper hinge pin holes. Replace the side doors by reversing the procedure.

### Storage & Cleaning Instructions

---

The side doors and rear curtain can easily be removed and reinstalled to suit your seasonal needs. Make sure the curtain is dry before folding it up for storage. Store doors and curtain in a dry location where rodents cannot access.

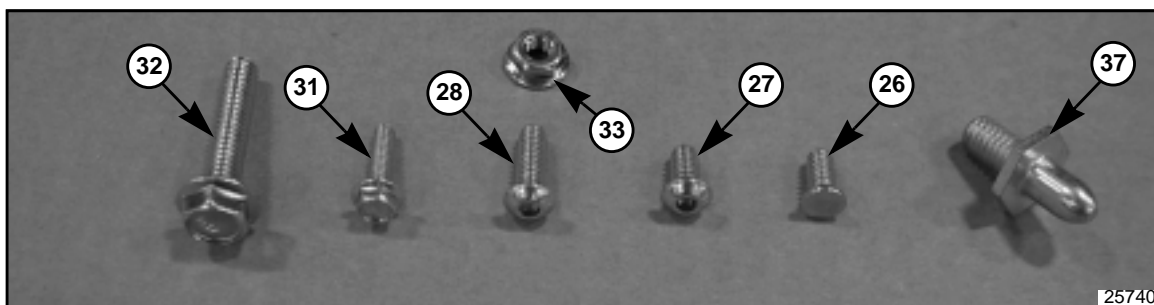
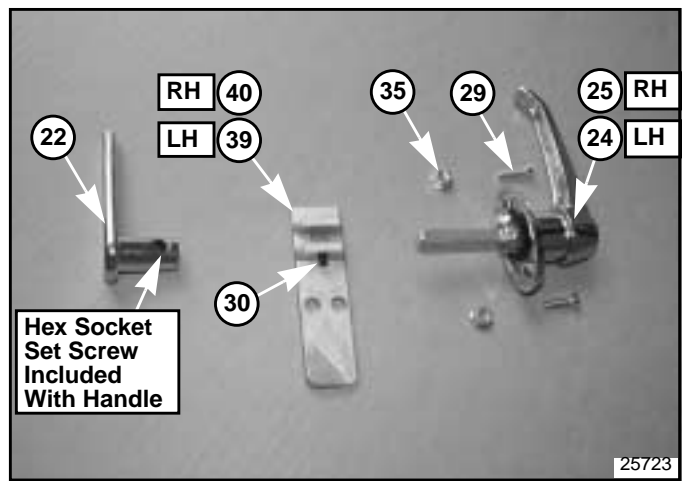
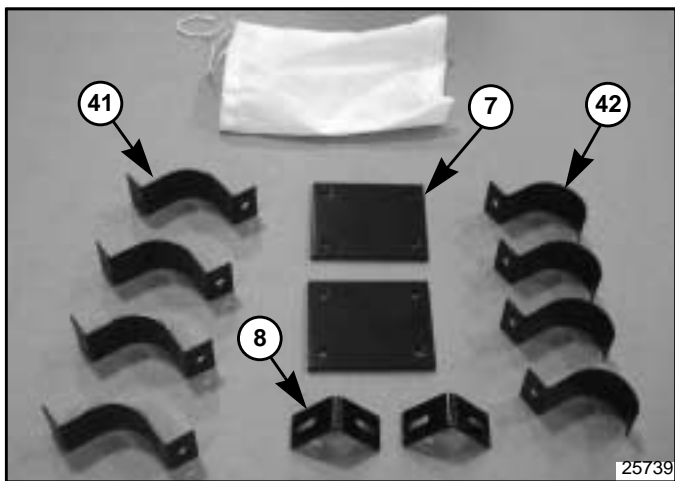
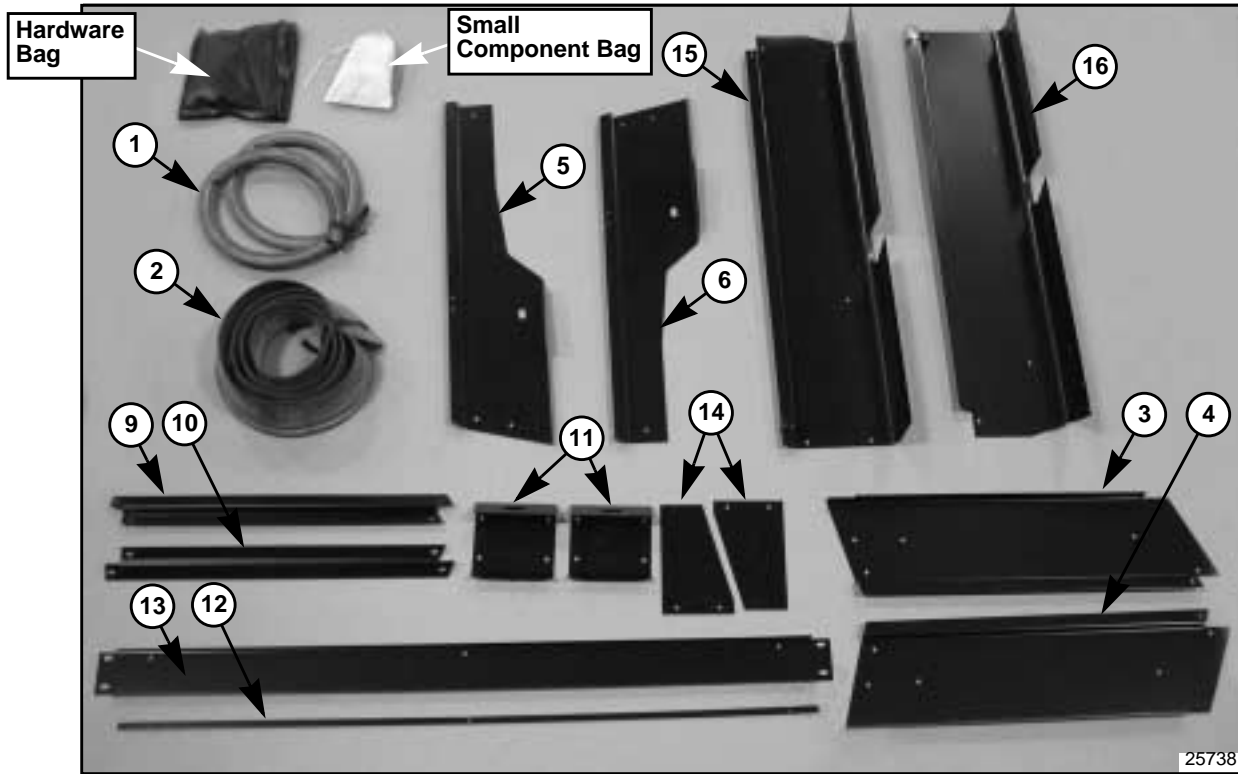
**IMPORTANT: DO NOT** use petroleum distillates as they will damage the materials.

**DO NOT** use a rag to wipe window surfaces clean as it will damage the surface.

All surfaces except windows can be cleaned with soapy water and a rag. Rinse soap thoroughly from all surfaces and allow to dry before storing.

Windows can be cleaned by spraying soapy water on the surfaces and then spraying high pressure clean water on the window surfaces to remove soap and dirty residue.

**Shipping List**



**Shipping List****Shipping List**

A detailed listing of parts for this accessory kit is provided below. Use this list as a checklist to inventory parts received. Please contact your local Land Pride Dealer for any missing hardware.

Major components are ballooned on the adjacent page. All balloon numbers in the illustrations throughout this manual correspond to the item numbers listed in the shipping list below. Any item listed below with a Part No can be purchased from your nearest Land Pride Dealer.

**Kit No. 701-189A****CAB, ST TRUCK SEMI-SOFT**

<b>Item</b>	<b>Part No.</b>	<b>Part Description</b>	<b>Qty</b>
1	205207201	Molding 3/4" . . . . .	6 ft.
2	207024001	Molding ED5340 . . . . .	9 ft.
3	711892068	Panel Front Upper RH . . . . .	1
4	711892168	Panel Front Upper LH . . . . .	1
5	711892268	Panel Front Lower RH . . . . .	1
6	711892368	Panel Front Lower LH . . . . .	1
7	711892968	Plate Side . . . . .	2
8	711893768	Bracket Lower Panel . . . . .	2
9	711892468	Lintel RH . . . . .	1
10	711892568	Lintel LH . . . . .	1
11	711892668	Filler Rear . . . . .	1
12	711893068	Strap Rear Curtain. . . . .	1
13	711893168	Closeout Rear . . . . .	1
14	711897768	Filler Seat . . . . .	2
15	720974568	Panel Rear Weldment RH . . . . .	1
16	720974668	Panel Rear Weldment LH . . . . .	1
17	720974801	Door Assembly RH <b>(See Figure 24 on page 8)</b> . . . . .	1
18	720974901	Door Assembly LH <b>(See Figure 24 on page 8)</b> . . . . .	1
19	720975101	Curtain Assembly Rear <b>(See Figure 31 on page 9)</b> . . . . .	1
		Hardware Bag (Includes items 20 to 42 below)	
20	201850601	Dual Lock™ Tape <b>(See Figure 32 on page 9)</b> . . . . .	20 in.
21	804-010C	Washer Flat 5/16 USS <b>(See Figure 27 on page 8)</b> . . . . .	2
22	230275985	Handle Door Inner . . . . .	2
23	230276083	Spring Latch <b>(See Figure 28 on page 8)</b> . . . . .	2
24	230297485	Handle "L" LH (package includes hex socket setscrew) . . . . .	1
25	230297585	Handle "L" RH (package includes hex socket setscrew) . . . . .	1
26	290016572	Stud Threaded Flat Head 1/4-20x1/2 . . . . .	10
27	290016872	Bolt Button Head 1/4-20 x1/2. . . . .	22
28	290016972	Bolt Button Head 1/4-20x3/4 . . . . .	16
29	290017383	Screw Phillips 10-24x3/4 . . . . .	4
30	292010501	Screw socket 10-24x5/16. . . . .	2
31	801-155C	Bolt Hex Flange Machine 10-24x3/4 . . . . .	3
32	802-815C	Bolt Hex Flange 5/16-18x1.5 . . . . .	2
33	292507972	Nut Hex Flange 1/4-20. . . . .	48
34	803-014C	Nut 3/8-16 <b>(See Figure 27 on page 8)</b> . . . . .	2
35	803-001C	Nut 10-24. . . . .	7
36	804-021C	Washer Flat 5/8 <b>(See Figure 9 on page 4)</b> . . . . .	8
37	711579883	Pin Door . . . . .	2
38	720800100	Door Bushing <b>(See Figure 29 on page 9)</b> . . . . .	2
39	720824883	Latch Weldment LH . . . . .	1
40	720824983	Latch Weldment RH. . . . .	1
41	711892768	Clamp Rear . . . . .	4
42	711892868	Clamp Front. . . . .	4
43	800-227C	Rivet Pop 3/16 x .251-.375 <b>(See Figure 33 on page 10)</b> . . . . .	8



Corporate Office: P.O. Box 5060  
Salina, Kansas 67402-5060 USA  
[www.landpride.com](http://www.landpride.com)

---