



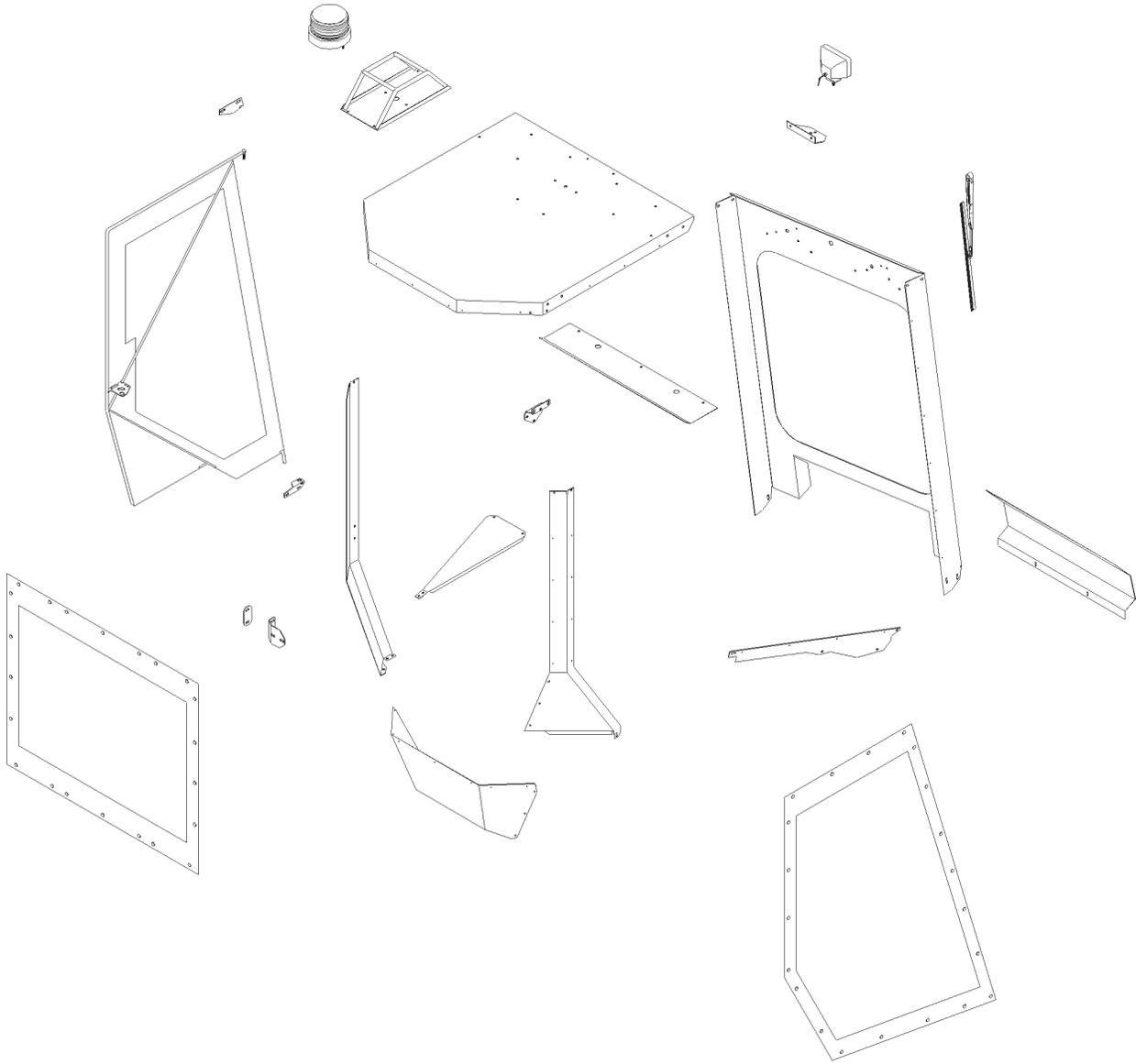
# ASSEMBLY INSTRUCTIONS

## 3000 SERIES CAB

Model LW150



## MODEL LW150



### BOLT LIST

33	1/4 X 1/2 FLANGE BOLTS
2	1/4 X 3/4 BOLTS
3	1/4 X 1-1/4 BLACK KNOB
2	1/4 SAE WASHERS
36	1/4 FLANGE NUTS
12	5/16 X 3/4 BOLTS
3	5/16 X 1-17/32 X 2-1/4 U-BOLT
12	5/16 SAE WASHERS
12	5/16 FLANGE NUTS
1	3/8 LOCK NUT
3	1/4" EYELET CONNECTOR
1	1/4" BLADE CONNECTOR

## VENTRAC 3000 CAB

---



Orrville, OH

[www.ventrac.com](http://www.ventrac.com)

Thank you for purchasing the LW150 cab for your VENTRAC LT3000! The enclosed instructions are designed to help you with assembly and installation. We have some general comments that should be helpful as you proceed with this project.

Prepare a clean area to place the parts as you unpack the shipping crate. Placing parts on cardboard or another soft material will help to prevent paint scratches.

Open the hardware bags and separate the different sizes and types of bolts, nuts, and washers. Locate them in an easy to reach area, but protect them from spilling or scattering and becoming lost.

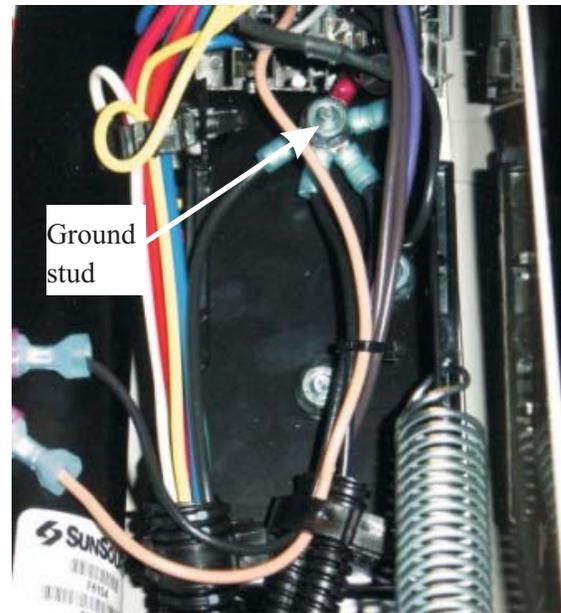
When assembling the cab, always insert the bolts through from the outside. Tighten from the inside whenever possible. Secure the bolt head on the outside to keep it from turning and damaging the paint.

We hope you will enjoy this accessory to your VENTRAC LT3000.

The VENTURE Team

## STEP 1

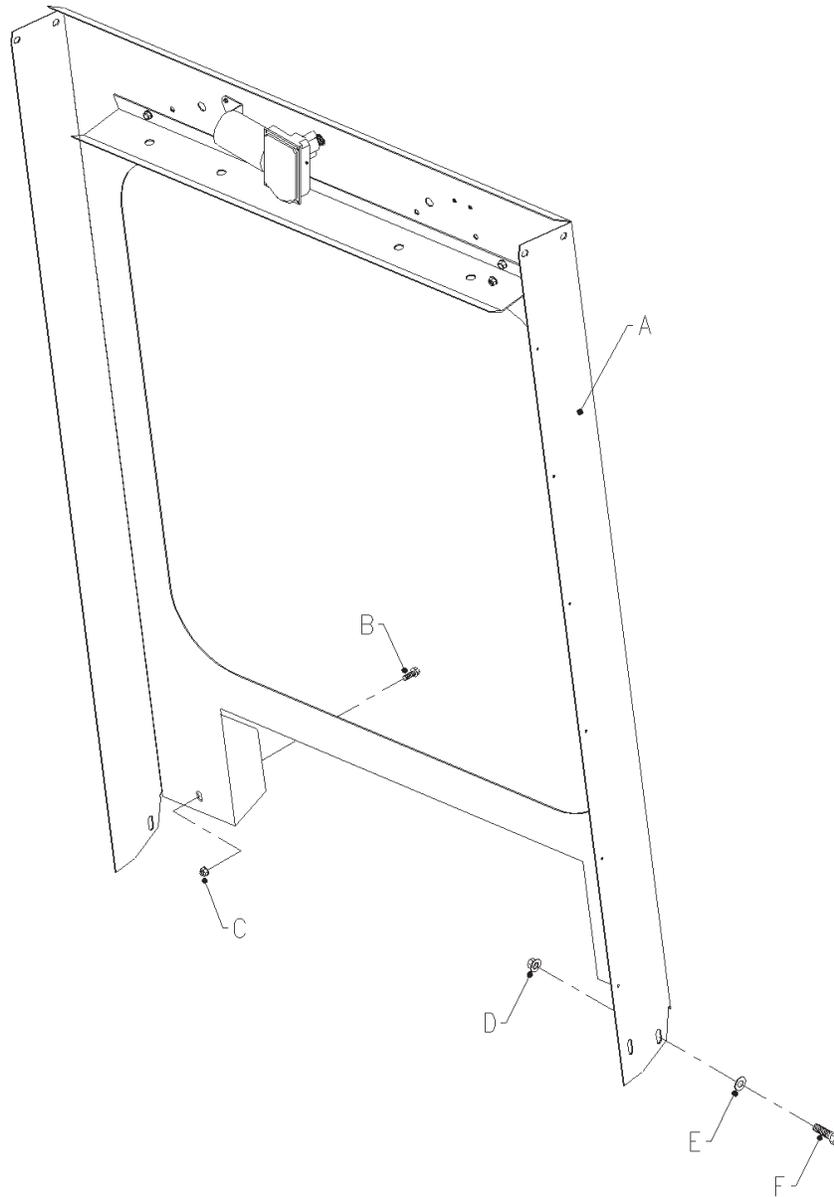
Remove the panels on the front of the dash column of the tractor. Remove the fuse panel cover from the dash column. Connect the 16" red wire provided with the cab to an empty slot on the fuse panel of the tractor and install the 20 amp fuse. Connect the 26" black wire to the ground stud on the electrical panel mount. See pictures below. Route the wires down through the dash column and out the bottom. Reinstall dash panels and fuse panel cover.



## STEP 2

Bolt pre-assembled windshield panel (A) to LT3000 tractor using 2) 1/4 x 1/2 flange bolts (B) with 1/4 flange nuts (C) and 2) 5/16 x 3/4 bolts (F) with 5/16 SAE washers (E) and 5/16 flange nuts (D). Do not tighten. Refer to pictures and illustration (P.4).





---

### STEP 3

Remove 4)  $3/8 \times 2$  bolts with lock nuts from the crossbar on the roll cage. Place roof panel assembly (B) into position with the anchor plate to the front of the crossbar. Secure in place with the original bolts and nuts, but do not tighten completely. (See picture p.5). Align roof panel, upper door hinge (H), and windshield panel (A) mounting holes and fasten using 4)  $1/4 \times 1/2$  flange bolts (D) with  $1/4$  flange nuts (©) and 4)  $5/16 \times 3/4$  bolts (F) with  $5/16$  SAE washers (E) and  $5/16$  flange nuts (G). Do not tighten. Refer to pictures and illustrations (p.5&6).

CROSSBAR &  
BOLTS



E & F

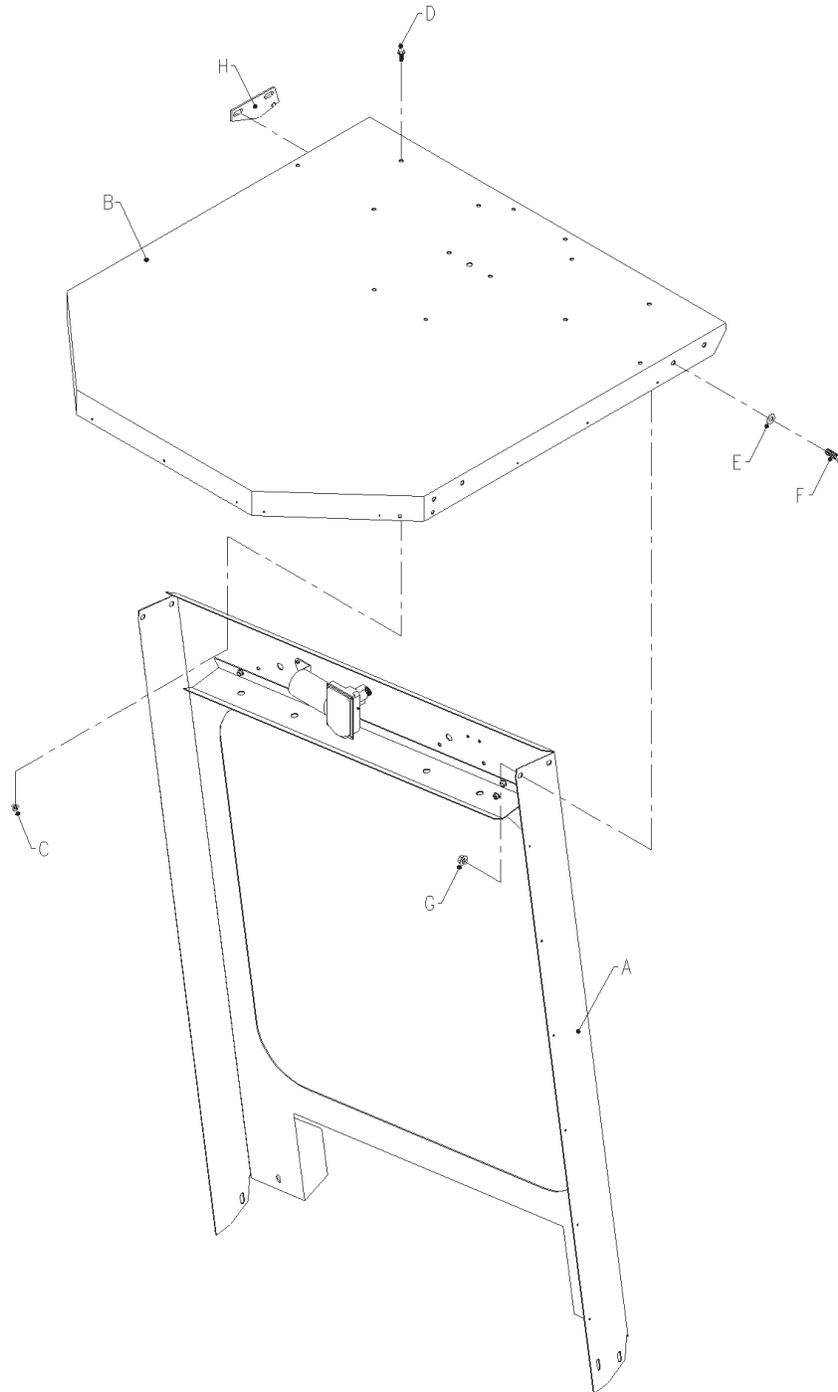


D

H

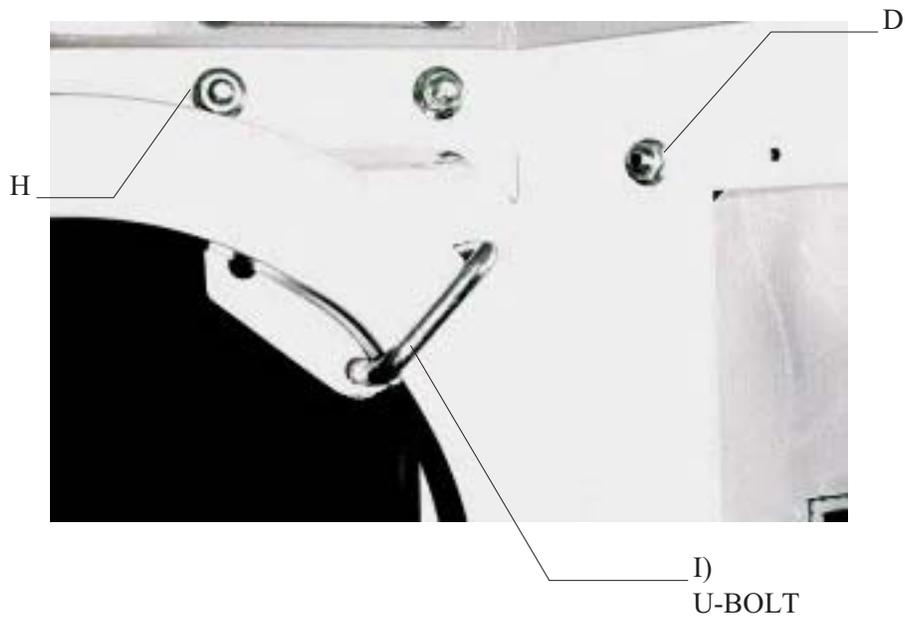
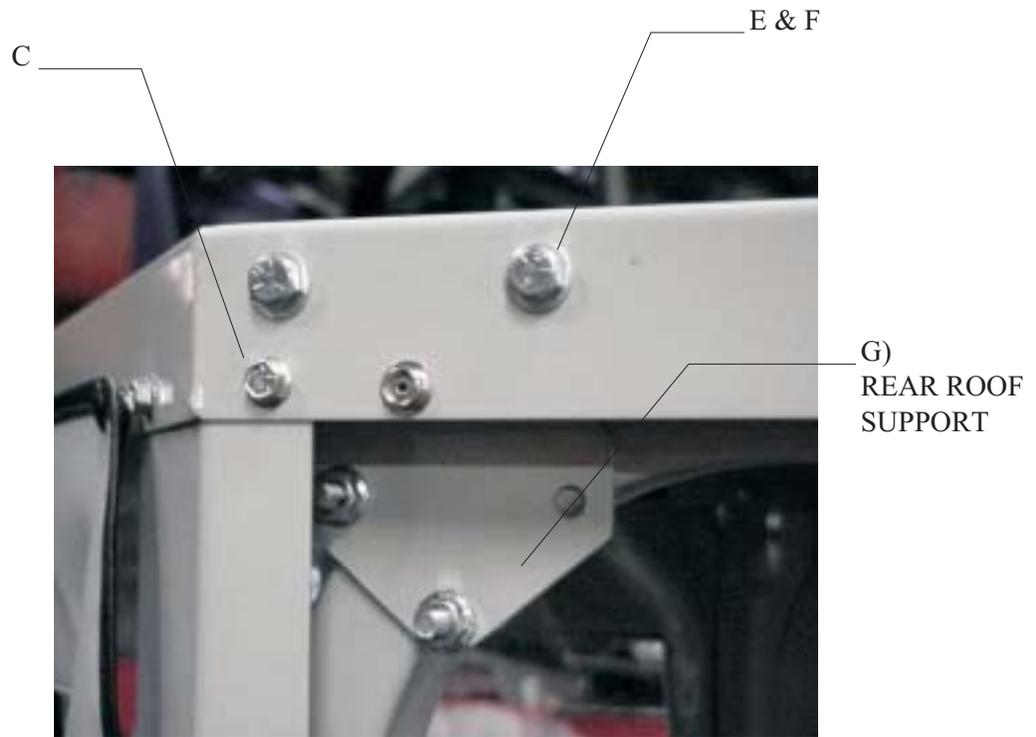


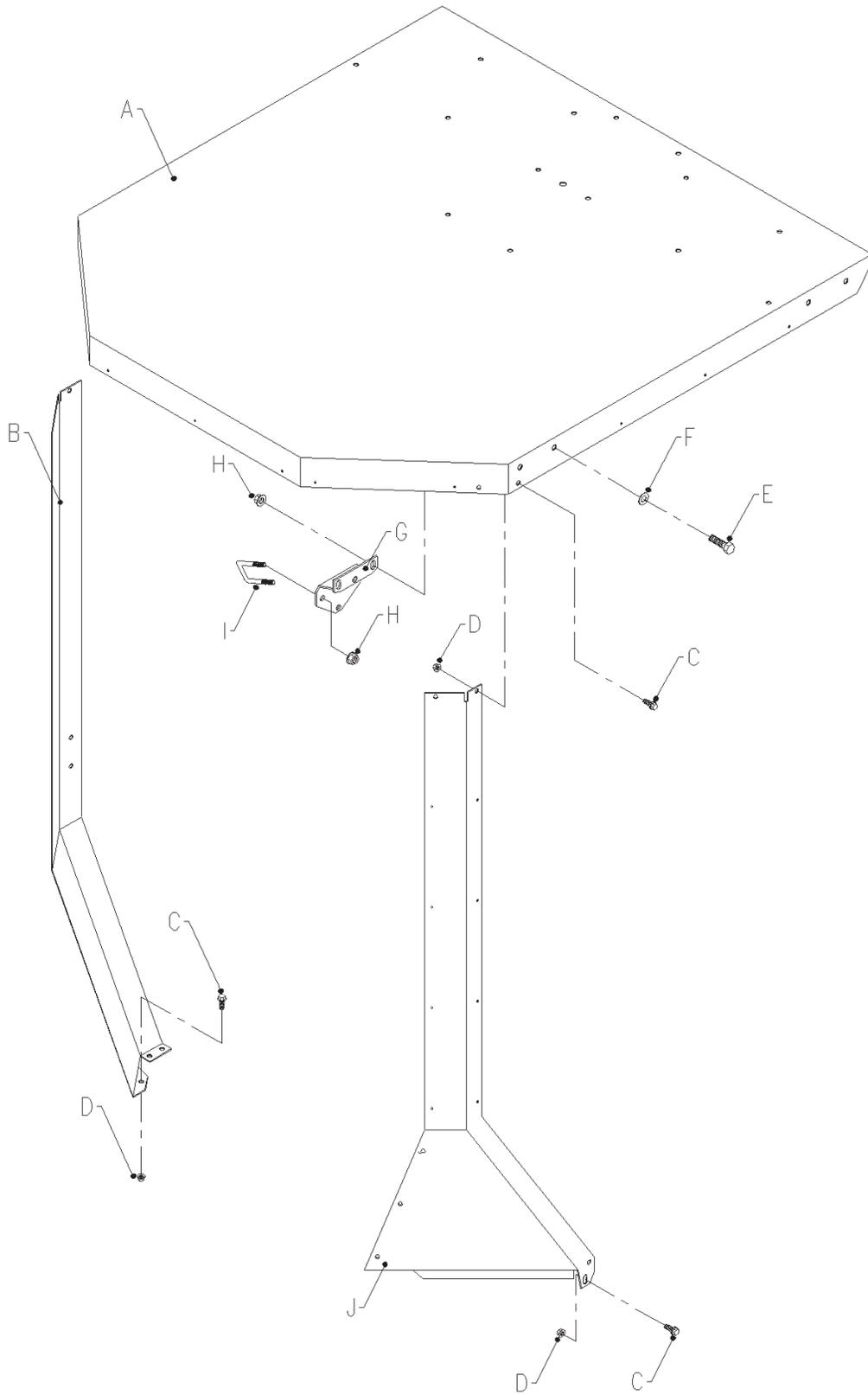
E & F



## STEP 4

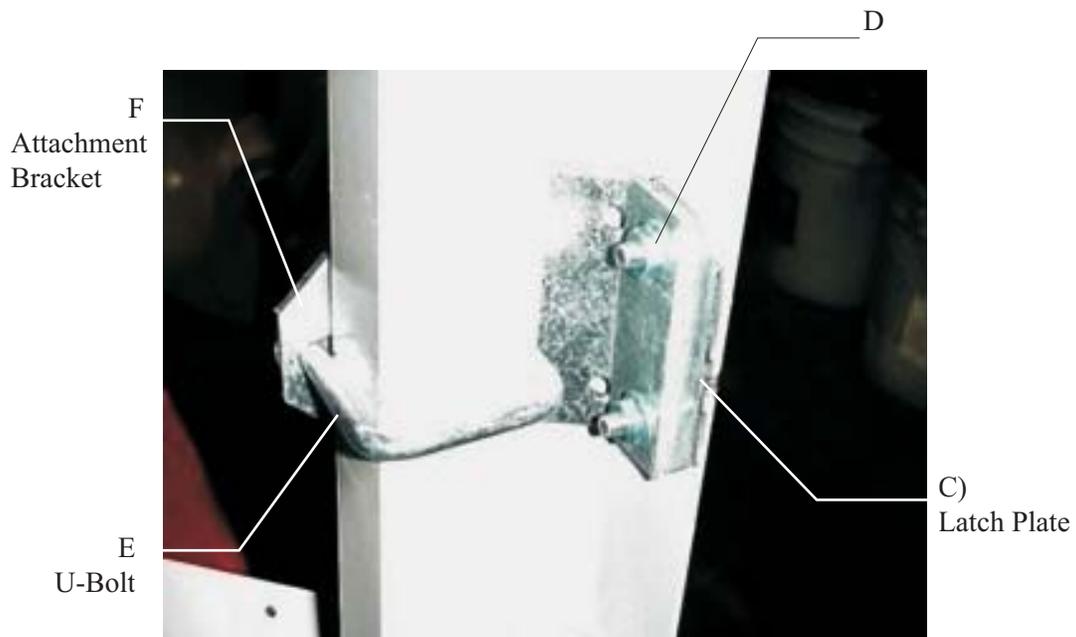
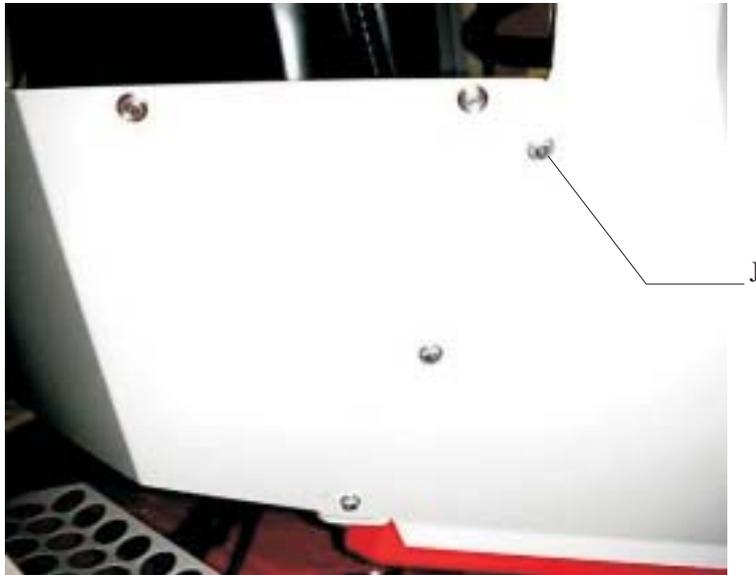
Refer to pictures and illustration (p.7&8). Install left post (B) and right post (J) using 7) 1/4 x 1/2 flange bolts (C) with 1/4 flange nuts (D). Do not tighten. Bolt 2) rear roof supports (G) to roof panel using 4) 5/16 x 3/4 bolts (E) with 5/16 SAE washers (F) and 5/16 flange bolts (H). Do not tighten. Install 2) 5/16 x 1-17/32 x 2-1/4 u-bolts (I) around roll cage bars and through rear roof supports. Secure with 4) 5/16 flange nuts. Tighten all bolts on front and rear roof anchors, being careful to keep roof level. After the roof is level and securely fastened to roll cage, tighten all the bolts that fasten the left and right posts and the windshield panel to the roof and the tractor.

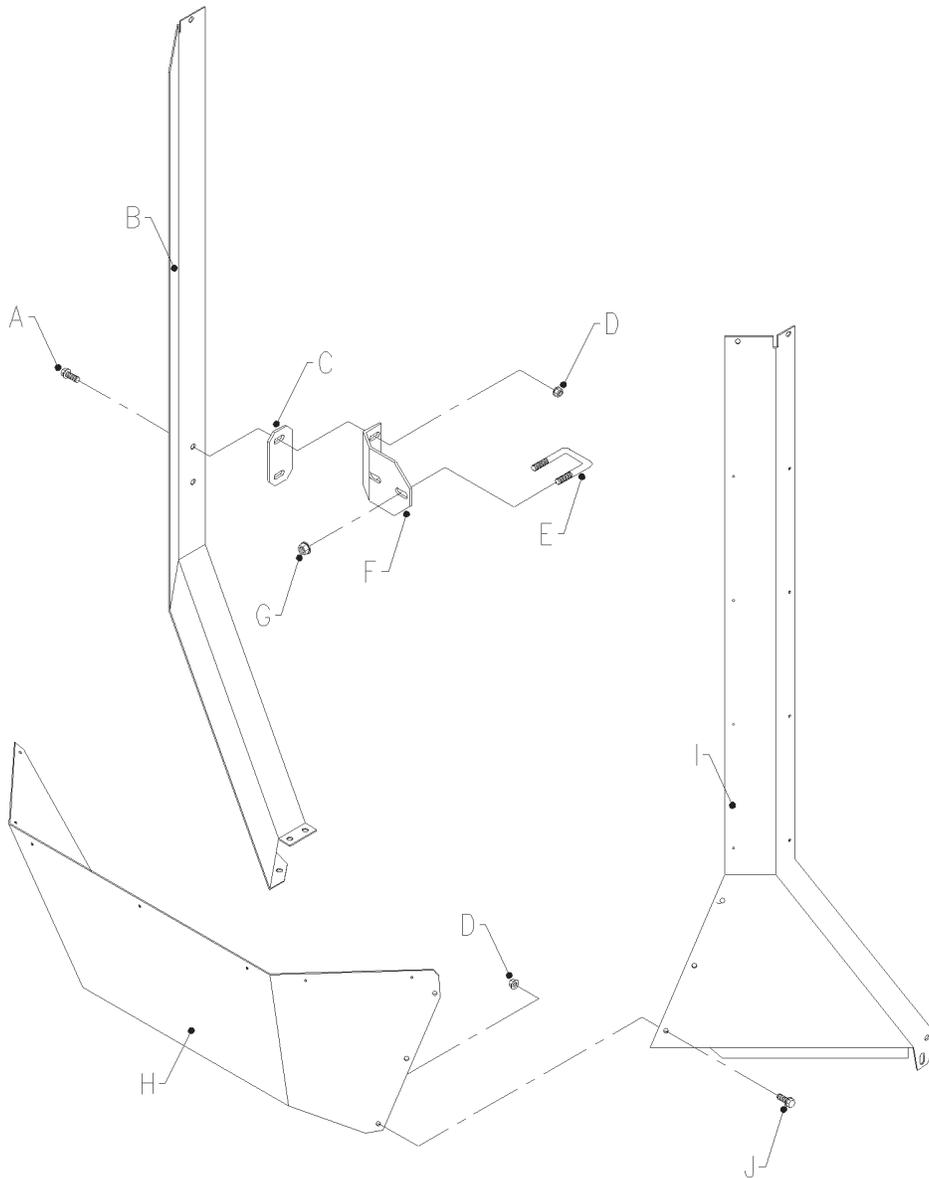
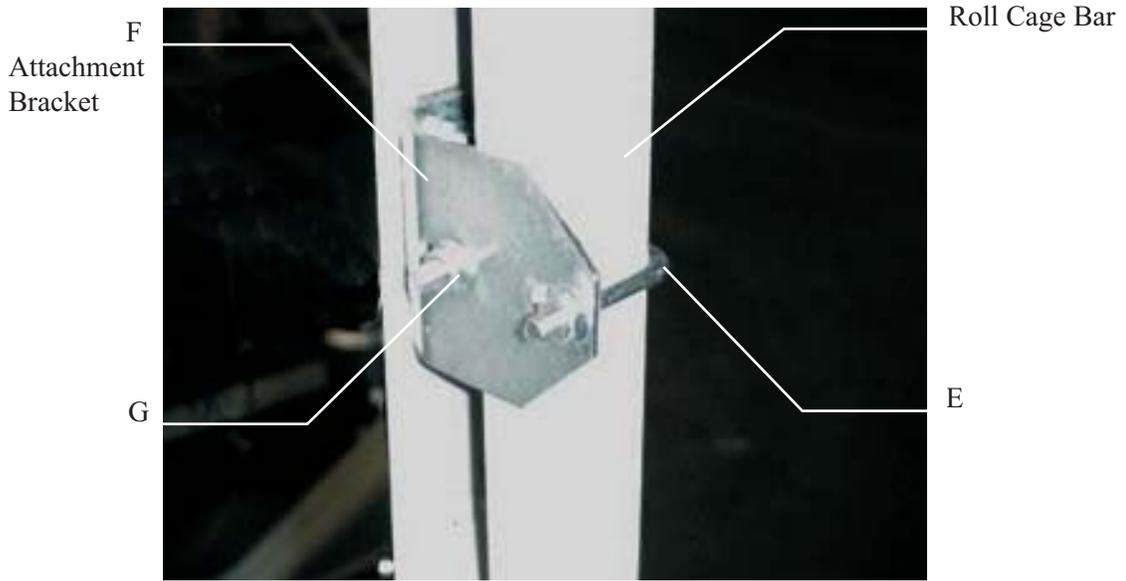




## STEP 5

Install lower rear panel (H)(p.10) using 6) 1/4 x 1/2 flange bolts (J) with 1/4 flange nuts (D). Tighten securely. Install latch plate © and attachment bracket (F) using 2) 1/4 x 3/4 flange bolts (A) with 1/4 flange nuts. The latch plate should be even with the edge of the post. The attachment bracket should be against the back of the roll cage bar. Tighten securely. Insert 5/16 x 1-17/32 x 2-1/4 u-bolt (E) around roll cage bar and through attachment bracket. Fasten securely with 2) 5/16 flange nuts (G). Refer to pictures and illustrations (p.10).



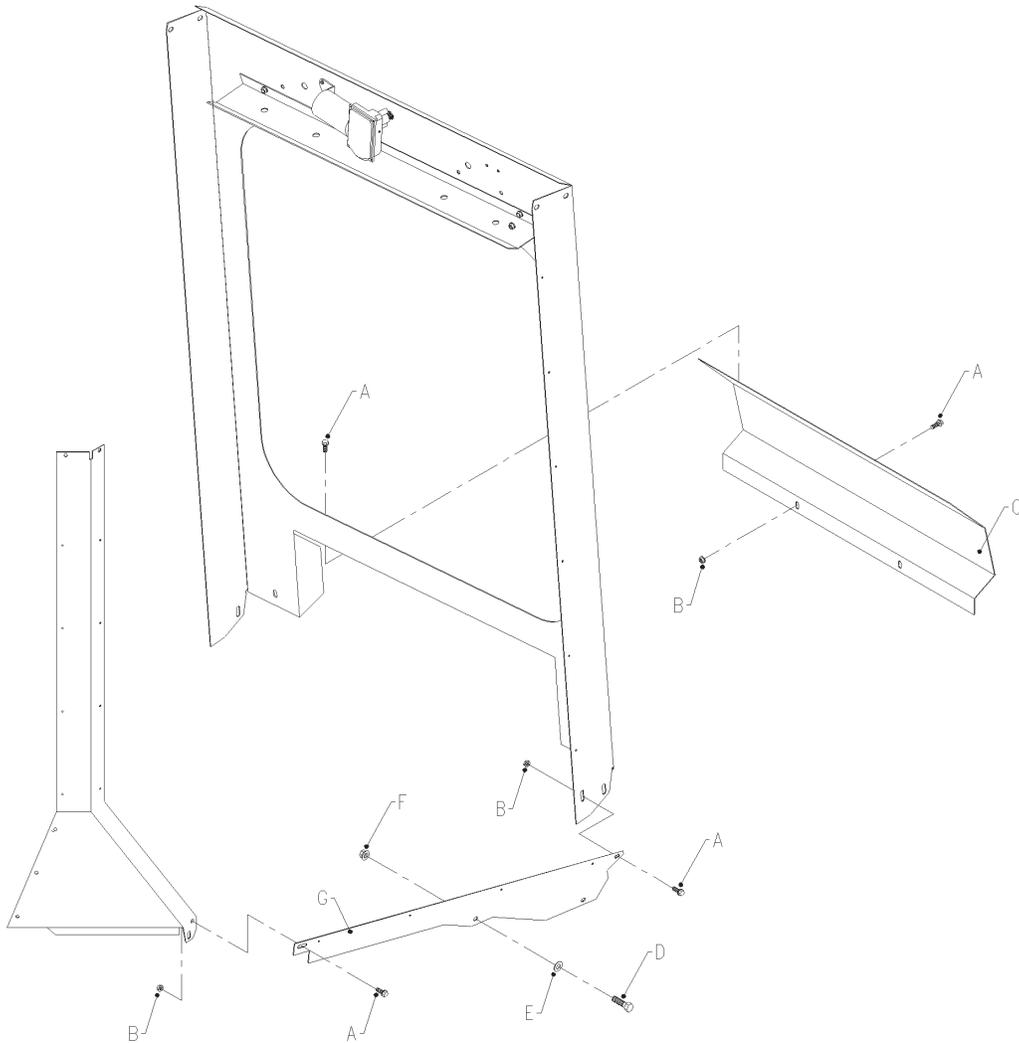


## STEP 6

Refer to pictures and illustration (p.11&12). Install toe cover ©) on front of tractor beneath the windshield. Fasten to the windshield with 2) 1/4 x 1/2 flange bolts (A) down through flange on windshield and into u-nuts on the toe cover. Fasten toe cover to front of tractor using 2) 1/4 x 1/2 flange bolts with 1/4 flange nuts (B). Tighten securely. Install right fender anchor (G) using 1/4 x 1/2 flange bolts with 1/4 flange nuts through the rear post and the windshield panel. Also fasten to the right fender of the tractor using 2) 5/16 x 3/4 bolts (D) with 5/16 SAE washers (E) and 5/16 flange nuts (F). Tighten securely.



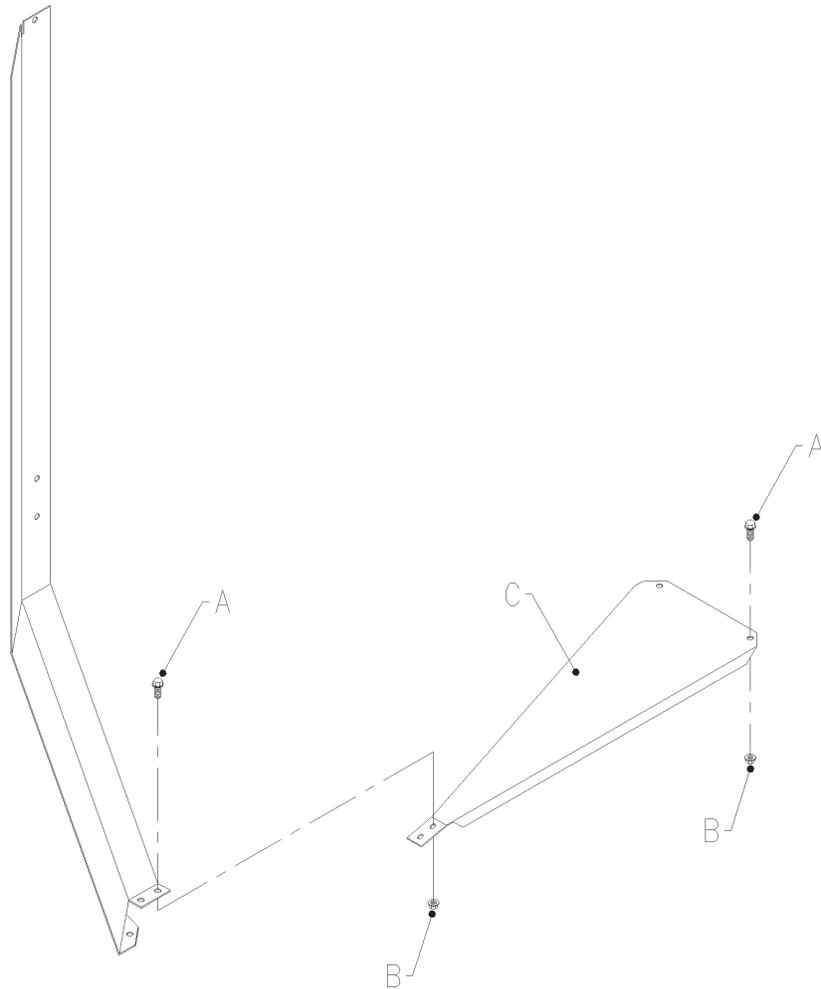
D & E



**STEP 7**

To install the left fender panel (C)(p.13), you will need to drill holes in the tractor fender. To locate the holes, bolt the two holes in the rear flange of the panel to the matching holes in the left post. After securing the rear of the fender panel, move the front of the panel into proper position and mark holes. See pictures and illustration below.



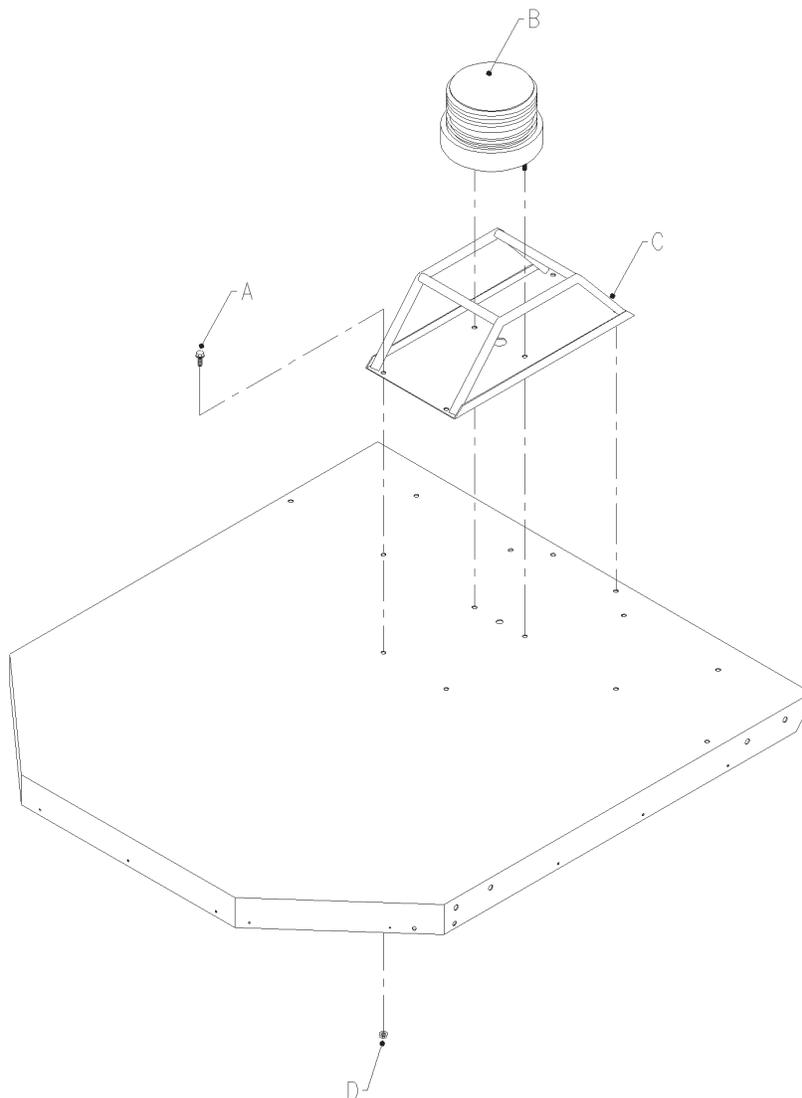


Remove the fender panel. Remove tractor tire while drilling holes and to access bolts when installing fender panel. Drill 2) 9/32 holes in the tractor fender. Bolt the fender panel into place using 4) 1/4 x 1/2 flange bolts (A) with 1/4 flange nuts (B). Install these four bolts from the inside. Reinstall tractor tire. Refer to pictures and illustration.



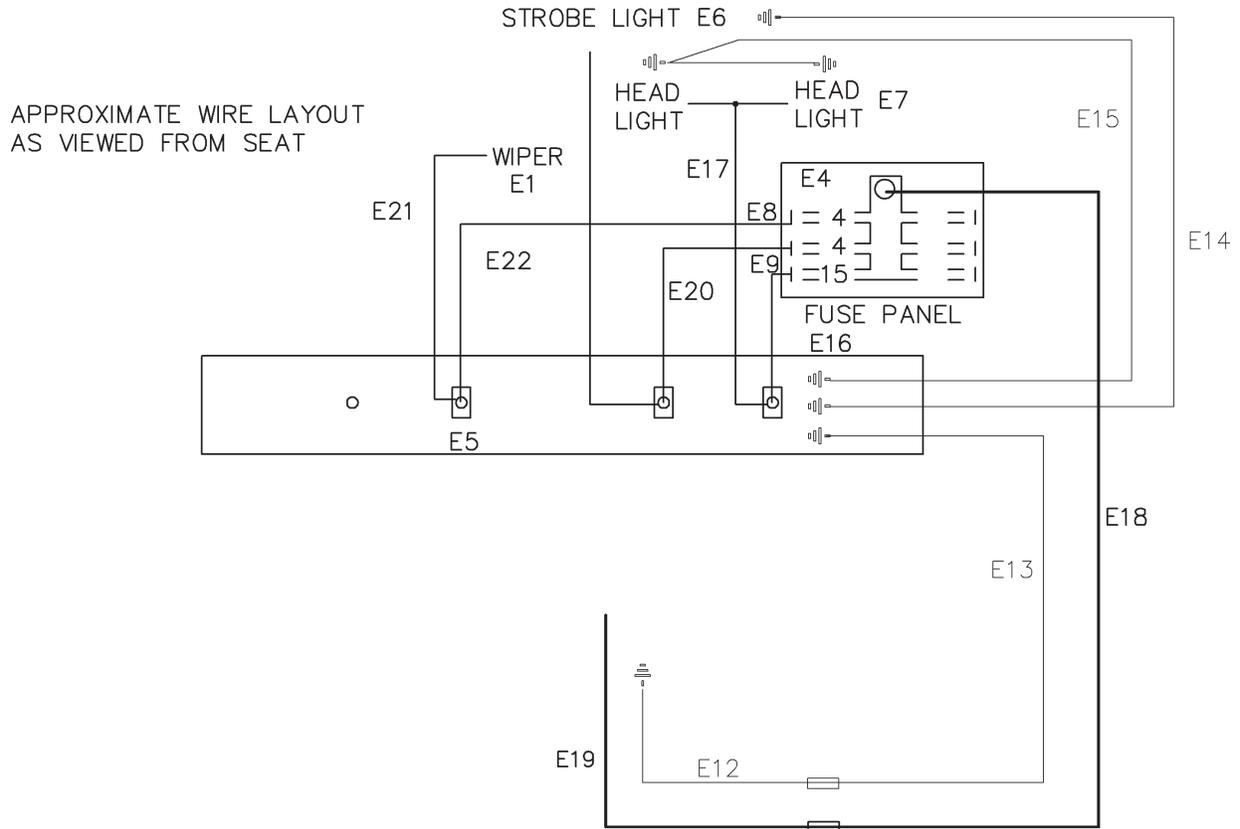
## STEP 8

Install strobe mount © on cab roof using 4) 1/4 x 1/2 flange bolts (A) with 1/4 flange nuts (D). Remove nuts and washers from the studs on the strobe light (B). Thread wires from strobe light down through center hole on strobe mount and cab roof. Install strobe light on strobe mount and fasten with the washers and nuts previously removed. Refer to pictures and illustration.



## STEP 9

Connect the red power wire from the strobe light to the switch indicated in the electrical diagram below. Connect the strobe light ground wire to the grounding bolt shown in the picture on page 16.



E1	1	37.0052	WIPER MOTOR, 65 DEGREE SWING
E2	1	47.0174	WIPER ARM, 15"-19" ADJUSTABLE (NOT SHOWN)
E3	1	47.0173	WIPER BLADE, 18" (NOT SHOWN)
E4	1	30.0167	FUSE PANEL
E5	3	31.0034	SWITCHES (SPST)
E6	1	33.0036	STROBE LIGHT
E7	2	33.0043	HEAD LIGHTS
E8	2	30.0165	4 AMP FUSES
E9	1	30.0166	15 AMP FUSES
E12	1	-	16 GA. BLACK WIRE X 26"
E13	1	-	16 GA. BLACK WIRE X 70"
E14	1	-	16 GA. BLACK WIRE X 14"
E15	1	-	16 GA. BLACK WIRE X 12"
E16	1	-	16 GA. BLACK WIRE X 18"
E17	1	-	16 GA. YELLOW WIRE X 65"
E18	1	-	14 GA. RED WIRE X 16"
E19	1	-	14 GA. RED WIRE X 6"
E20	1	-	16 GA. GRAY WIRE X 8"
E21	1	-	16 GA. VIOLET WIRE X 18"
E22	1	-	16 GA. VIOLET WIRE X 18"

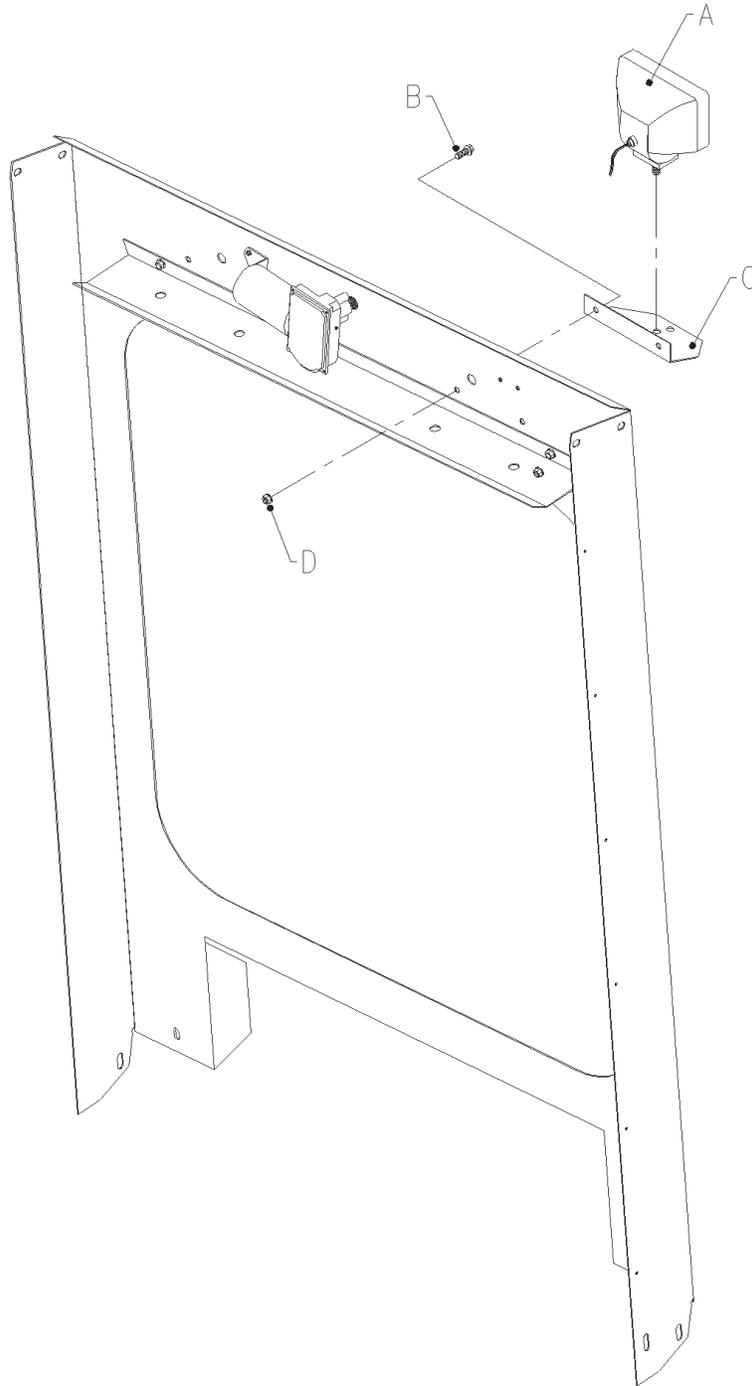
## STEP 10

Thread the headlight wires through hole above the headlight bracket mounting holes. Install headlight bracket to the windshield panel using 4) 1/4 x 1/2 flange bolts (B) and 1/4 flange nuts (D). Connect the headlight ground wires to the black wires running from the grounding bolt. Connect power wires from headlights to yellow wires with bullet connectors. Refer to pictures and illustration, along with the electrical diagram on page 15.

Headlight  
Mount Bracket



1/4" bolt and nut  
with headlight and  
strobe light ground  
wires



Locate the main power wire for the cab. Route this wire down the right side of the windshield panel, out the access hole in the floor of the tractor, and connect it to the wire you installed in step one. Refer to pictures (p.18). After connecting the wires, clip wire loom to the holes located at the top and bottom of the windshield panel. Headlights can now be adjusted. To adjust, loosen the nut on the headlight mounting stud. Turn the headlights on and adjust to desired position. Tighten nut securely. Repeat procedure with other headlight.



Wire Connector

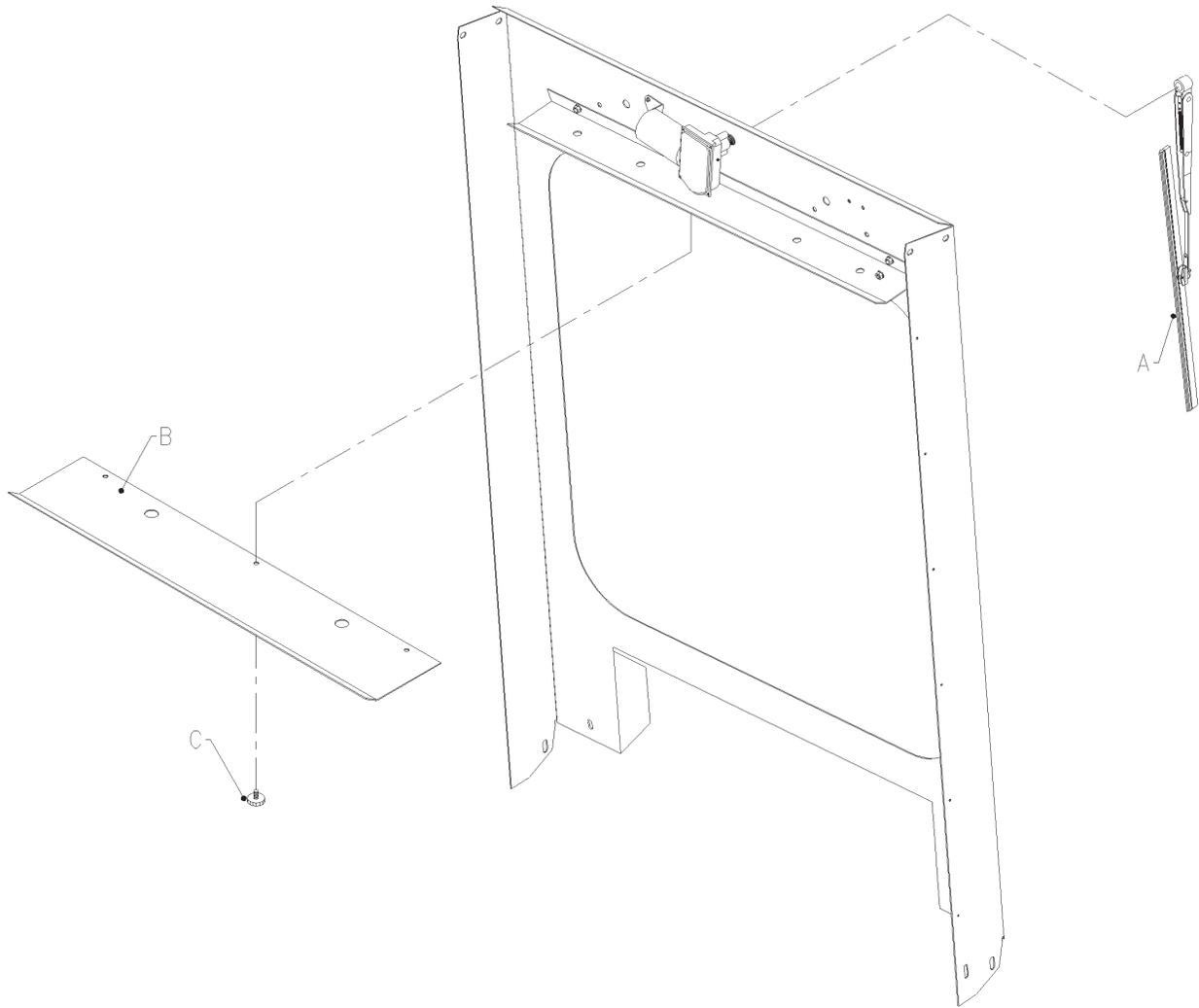
### STEP 11

Next, operate the wiper motor and stop with the wiper shaft at the right or left extreme. Use a 3/4" wrench to open the anchor point of the wiper arm and install over the drive shaft. The wiper blade should be nearly touching the edge of the windshield. Wiper arm length may need to be adjusted to position the wiper properly. Refer to pictures and illustration (p.19).



Wiper shown at left extreme.



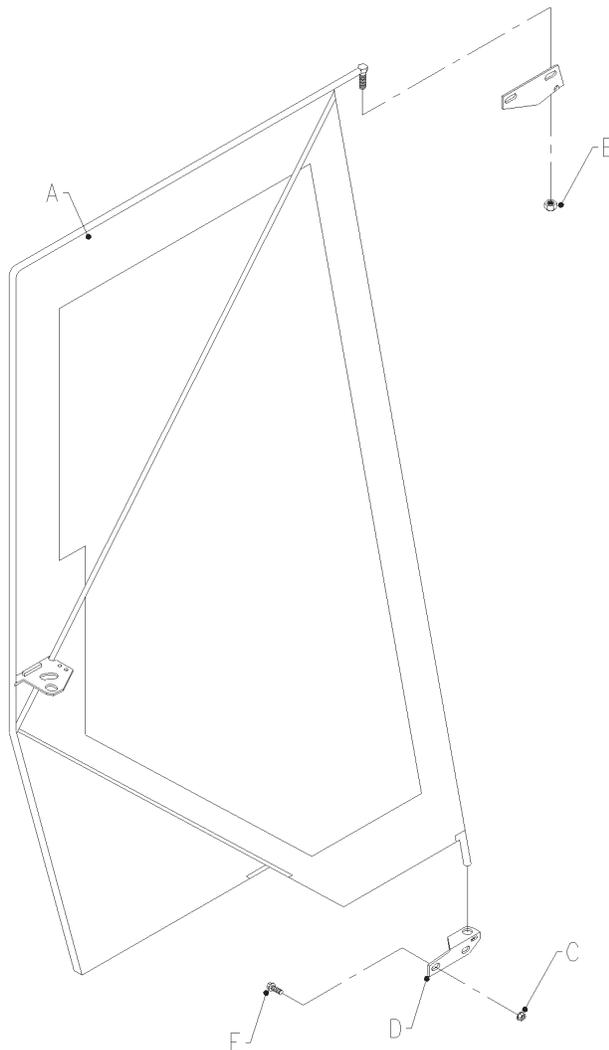


Install the electrical access cover (B) using 3) 1/4 x 1-1/4 black knobs ©). Fasten to the u-bolts on the switch panel. Refer to illustration above and picture below.



## STEP 12

Bolt lower door hinge (D) to the left fender of the tractor using 2) 1/4 x 1/2 flange bolts (E) and 1/4 flange nuts (C). Rotate the door (A) to the fully open position. Insert pins into upper and lower door hinges and swing shut. Secure door with 1) 3/8 lock nut (B) on stud inserted through upper door hinge. Tighten nut leaving enough play to prevent binding when opening and closing door. Refer to pictures and illustration. If necessary, adjust door hinges to position door to close and latch properly.



B) Do not over-tighten. Door must rotate freely.

## STEP 13

Snap the rear and right side covers into place. See pictures below.



Congratulations! Your cab is now complete and ready for use. Thank you once again for choosing VENTRAC products.

