



# INSTRUCTION BULLETIN

No. 9012974  
Machine: T17 / M17  
Published: 09-2016  
Rev. 00

**NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in the machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save the cost of ordering an entire kit.**

*NOTE: Numbers in parenthesis ( ) are reference numbers for parts listed in Bill of Materials.*

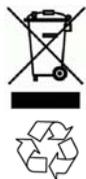
Installation instructions for **kit number 9020107**

## SYNOPSIS:

This kit contains the parts needed to install a warning light kit onto T17 scrubbers / M17 sweeper- scrubbers equipped with an optional overhead guard.  
Please follow step-by-step instructions.

## SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 5 hours)



### PROTECT THE ENVIRONMENT

Please dispose of packaging materials, used machine components such as batteries and fluids in an environmentally safe way according to local waste disposal regulations.

Always remember to recycle.

## PREPARATION:

1. Park the machine on a clean level surface, turn off the machine, set the parking brake, and remove the key.

**FOR SAFETY: Before leaving or servicing machine, stop on level surface, turn off machine, set parking brake, and remove key.**

2. Disconnect the battery cable from the machine.



**WARNING: Always disconnect battery cables from machine before working on electrical components.**

## INSTALLATION:

1. Remove the battery from the machine. Set the battery slide out door aside. (Fig. 1)

**FOR SAFETY: When servicing machine, use a non-conductive battery removal device, use a hoist and adequate assistance when lifting batteries, follow site safety guidelines concerning battery removal, and battery installation must be done by trained personnel.**

2. **Machines with slide out battery option**

**only:** Remove the slide out battery assembly from the machine. Set slide out assembly and all hardware aside. (Fig. 1)

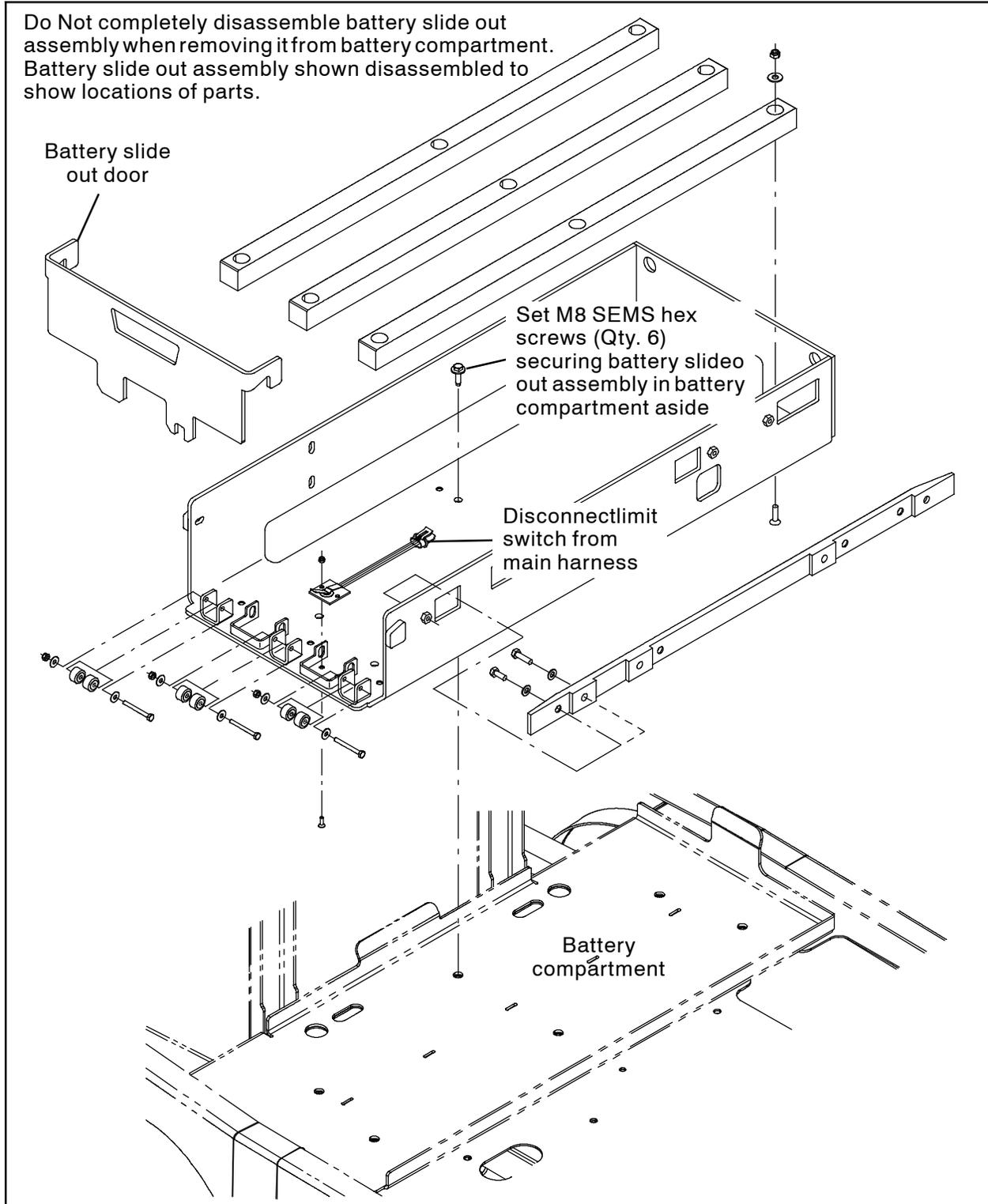


FIG. 1

3. Remove the support bracket located behind the operator station assembly from the machine. Set support bracket and all hardware aside. (Fig. 2)

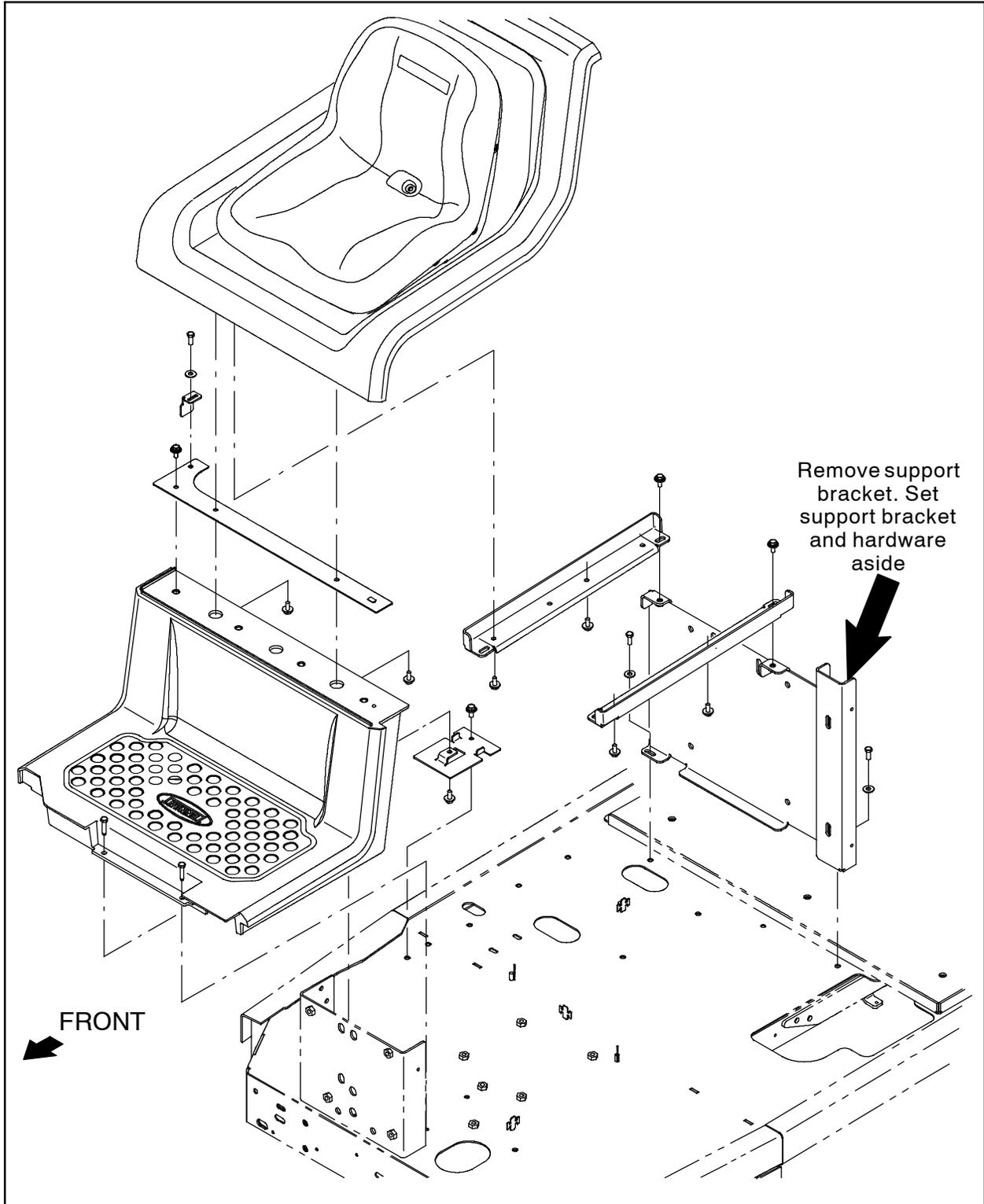


FIG. 2

4. Disassemble enough of the overhead guard to route the flashing light harness (9) through the right overhead guard tube and down to where it is routed out from the tube and to the main wire harness. Set all disassembled parts and hardware aside. (Fig. 3 / Fig. 4)

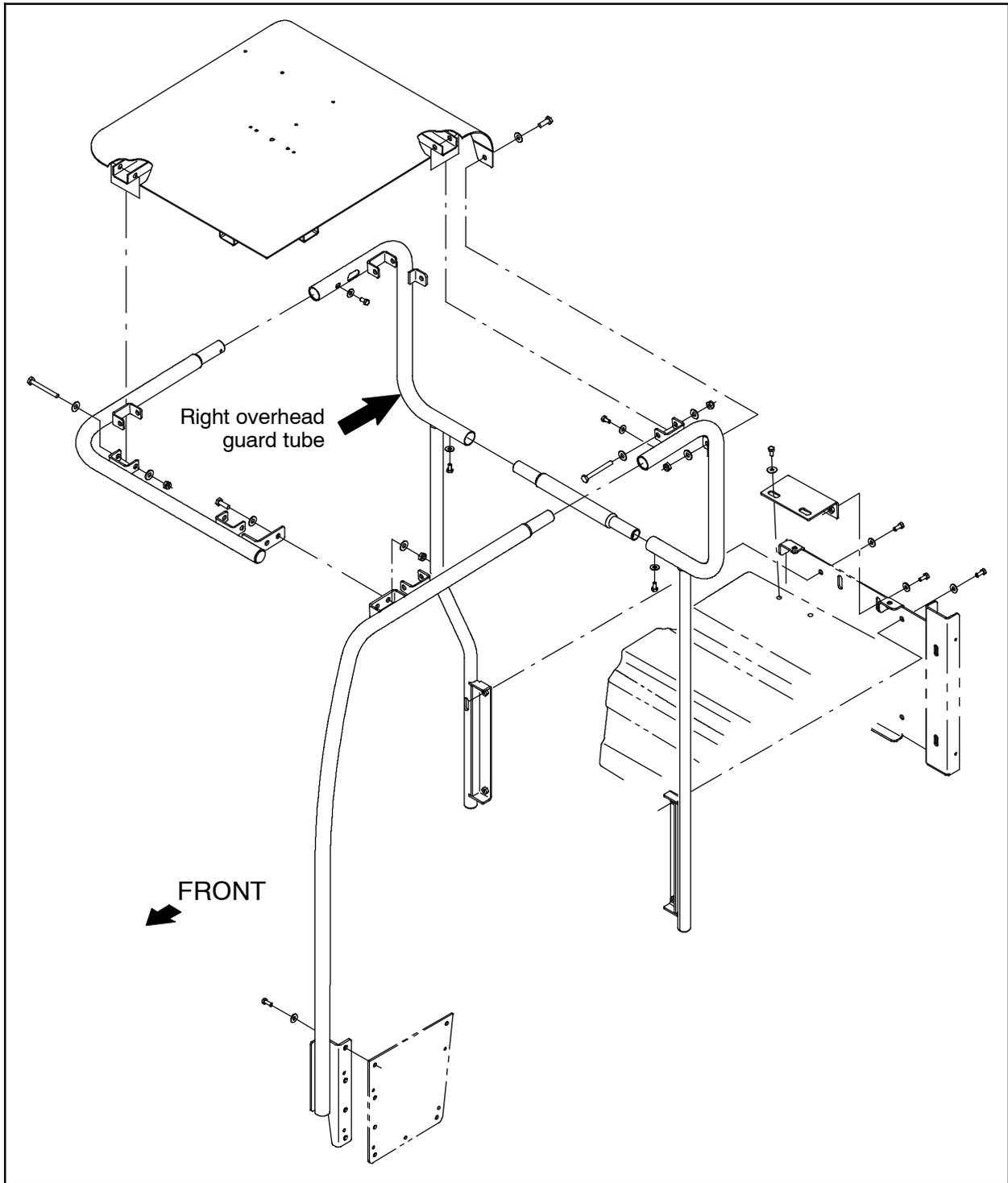


FIG. 3

- Route the overhead guard harness (9) through the right overhead guard tube. (Fig. 4)

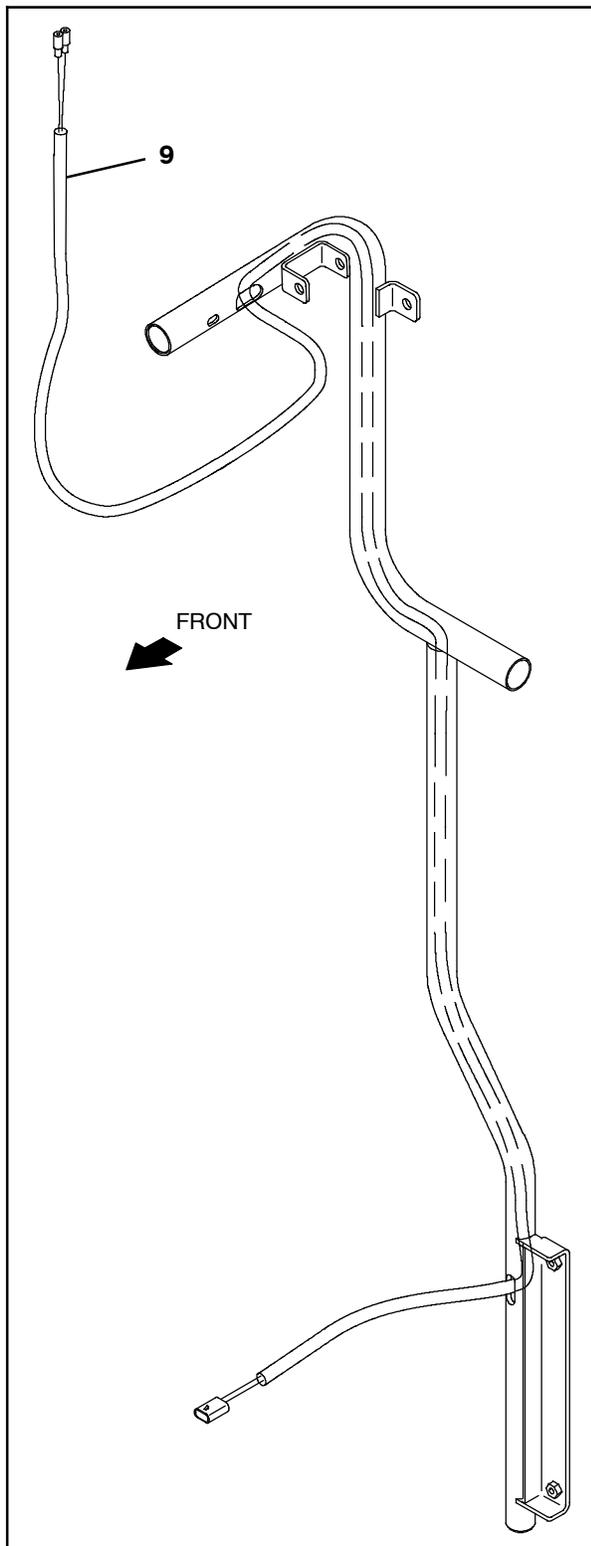


FIG. 4

- Reassemble the overhead guard onto the machine.

- Route the overhead guard harness (9) to the main wire harness overhead guard connector located near the electrical panel and connect the overhead guard harness to the the main wire harness. (Fig. 5 / Fig. 6 / Fig. 10)

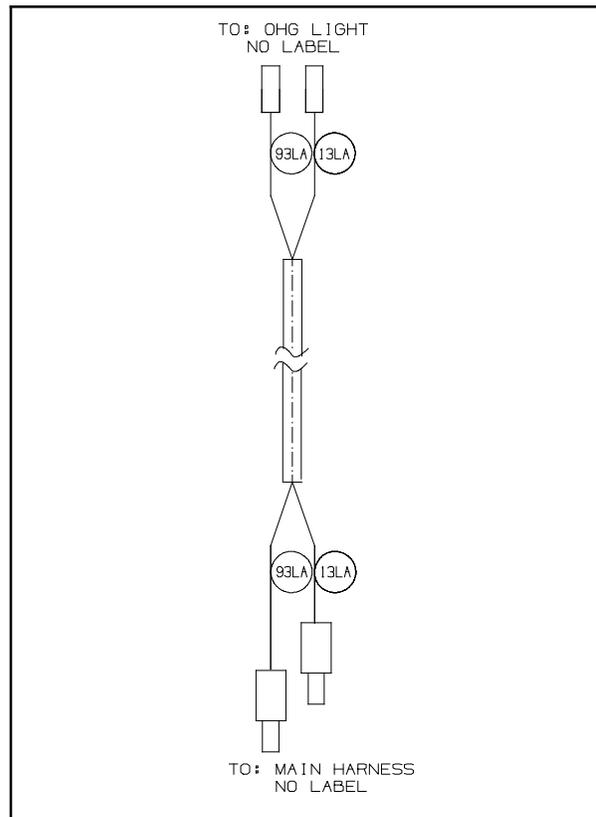


FIG. 5

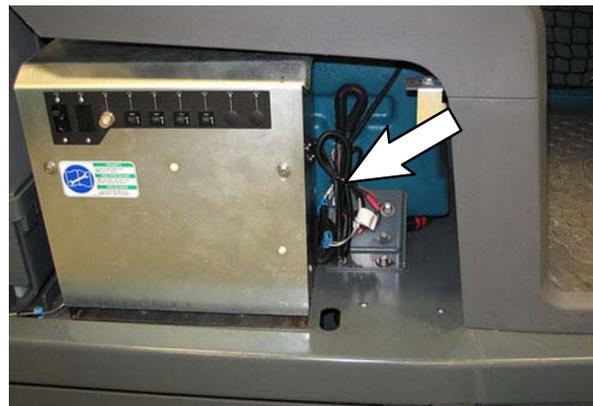


FIG. 6

- Reinstall the support bracket behind the operator station assembly. (Fig. 2)
- Machines with slide out battery option only:** Reinstall the slide out battery assembly into the battery compartment. (Fig. 1)
- Reinstall the battery into the machine. **Do Not** reconnect the battery cable to the machine.

11. Insert the rubber grommet (8) into the hole in the overhead guard. (Fig. 7)
12. Route the strobe light (1) wires down through the rubber grommet (8) in the overhead guard. (Fig. 7)
13. Use two M5 pan screws (2), two flat washers (3), and two M5 hex nuts (4) to install the strobe light (1) onto the overhead guard. (Fig. 7)
14. Use two M6 hex screws (6) and two flat washers (7) to install the light guard (5) onto the overhead guard. (Fig. 7)
15. Connect the overhead guard light wire harness (9) to the strobe light (1). (Fig. 7 / Fig. 10)
16. Insert two tie clips (11) into the overhead guard. (Fig. 7)
17. Use two cable ties (10) to secure the overhead guard light wire harness (9) to tie clips (11) in the overhead guard (Fig. 7)

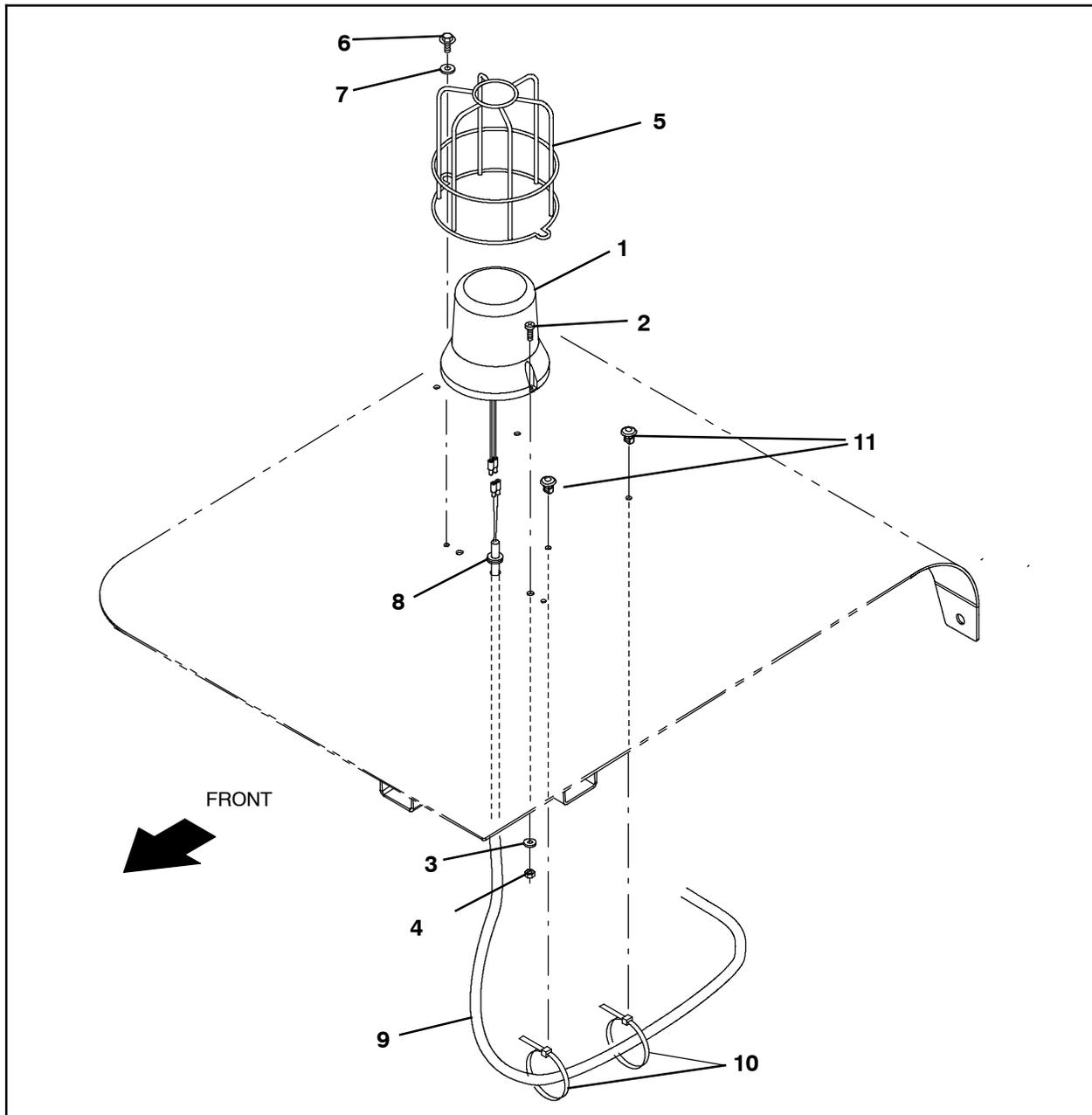
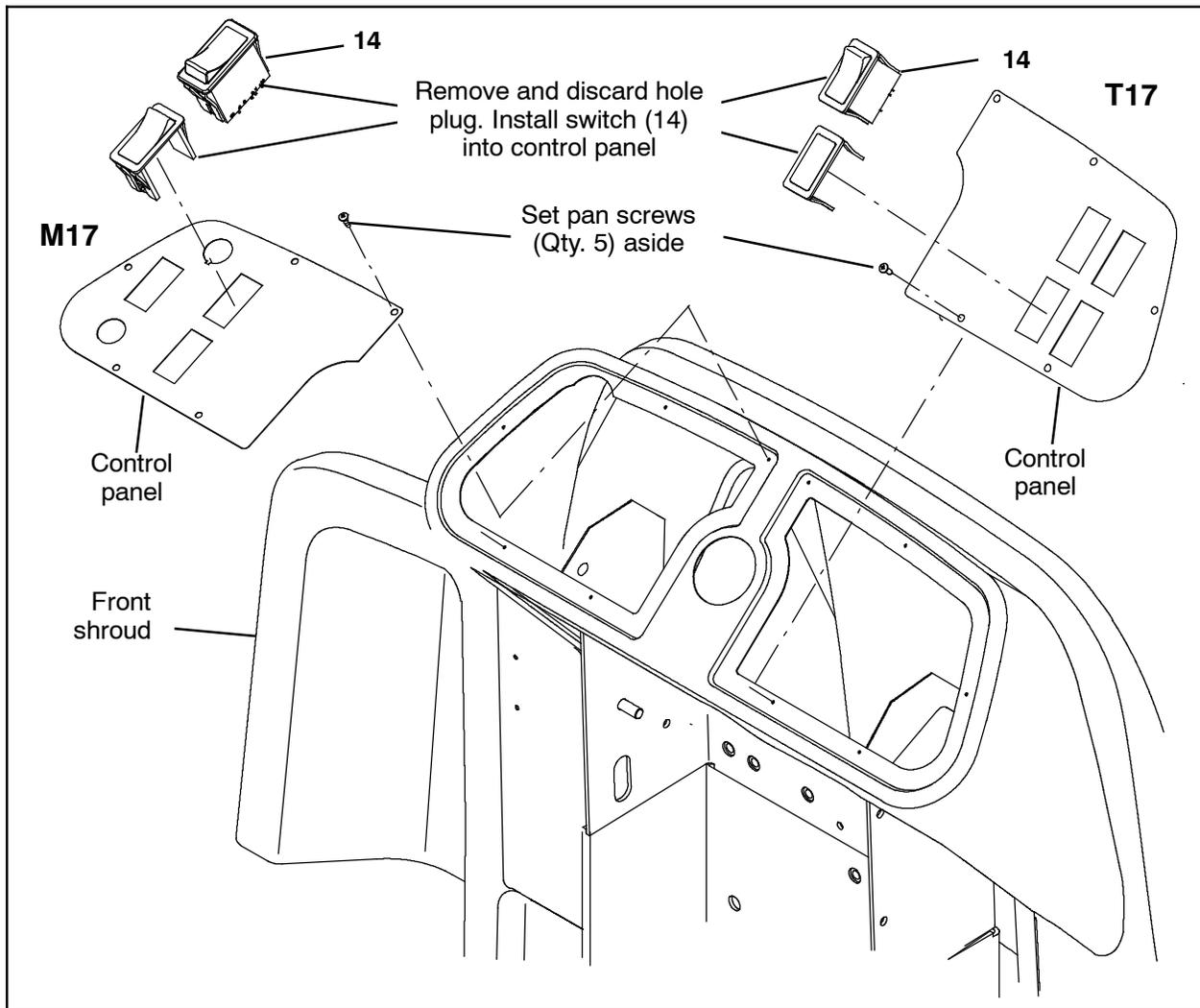


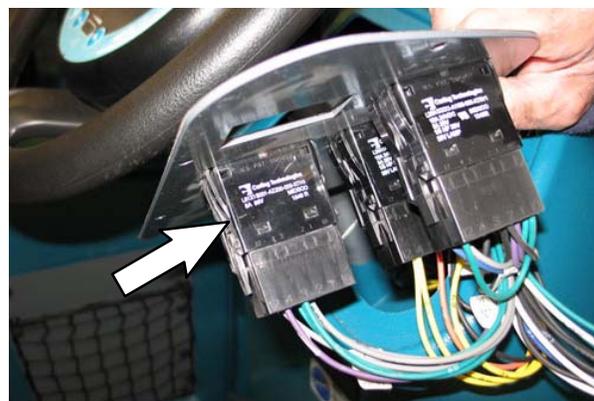
FIG. 7



**FIG. 8**

*NOTE: Complete Step 18 through Step 23 only if machine is not equipped with optional headlights. Proceed to Step 24 if machine is equipped with optional headlights.*

18. Remove the pan screws holding the control panel to the front shroud and set the hardware aside. (Fig. 8)
19. Carefully pull the control panel from the front shroud. Do not break any wire connections when pulling the panel from the shroud. (Fig. 8)
20. Remove the hole plug from the control panel. Discard the hole plug. (Fig. 8)
21. Orient the switch (14) so the text on the switch is to the right side of the machine like the other switches and insert the switch into the control panel.(Fig. 9)



**FIG. 9**

22. Connect the main wire harness to the rocker switch (12). (Fig. 8 / Fig. 10)
23. Reinstall the control panel onto the front shroud. (Fig. 8)

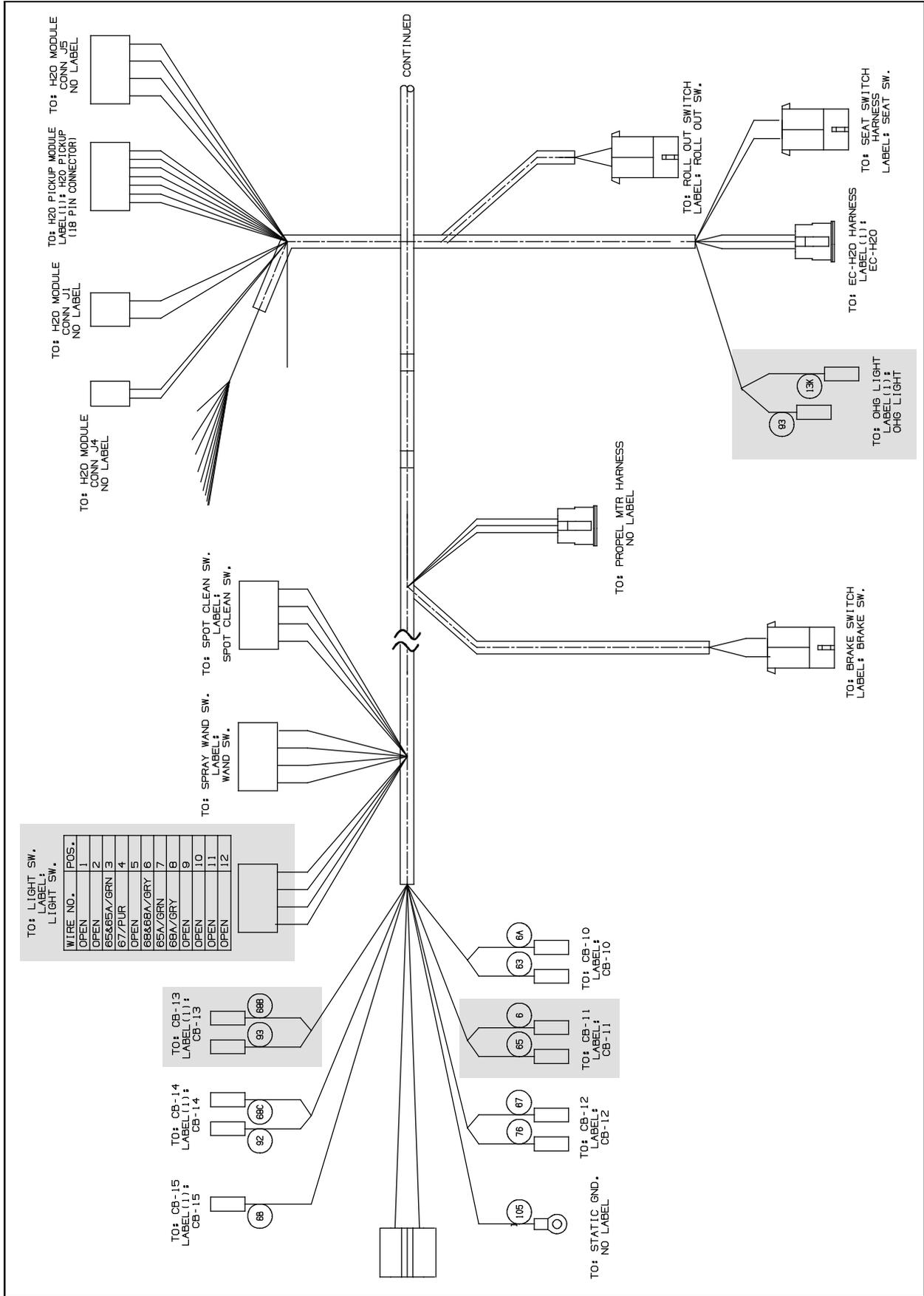


FIG. 10 - Main Wire Harness



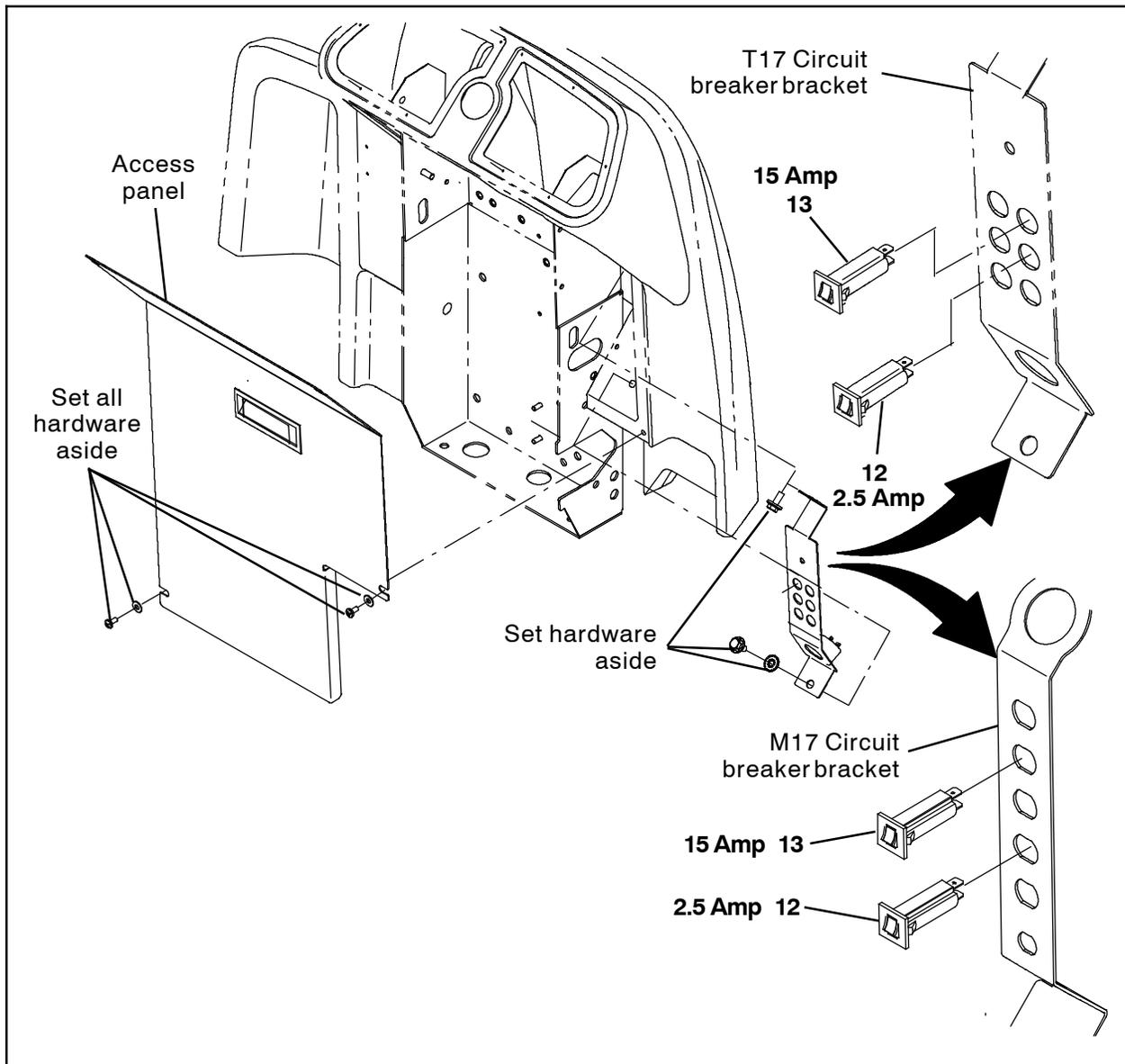


FIG. 12

24. Remove the access panel from the steering channel. Set the hardware aside. (Fig. 12)
25. Remove the M8 hex screws securing the circuit breaker bracket to the machine. Set the hardware aside. (Fig. 12)
26. Carefully pull the circuit breaker bracket out far enough to access the main wire harness connectors located behind the bracket. Do not break harness connections to the other circuit breakers when pulling the circuit breaker bracket from the machine. (Fig. 12)
27. **Machines without front light kit option only:** Insert the 15- Amp circuit breaker (13) into circuit breaker location 11 in the circuit breaker bracket. (Fig. 12)
28. Insert a 2.5 Amp circuit breaker (12) into circuit breaker location 13 in the circuit breaker bracket. (Fig. 12)
29. Connect the main wire harness to the previously installed circuit breaker(s). (Fig. 12 / Fig. 10)
30. Reinstall the circuit breaker bracket onto the machine. (Fig. 12)
31. Reinstall the access panel onto the steering channel. (Fig. 12)
32. Reconnect the battery cable to the machine.

33. Start and test the machine. Place the operating light / hazard light switch into the ON position. The overhead guard strobe light should function when the switch is placed into the ON position.

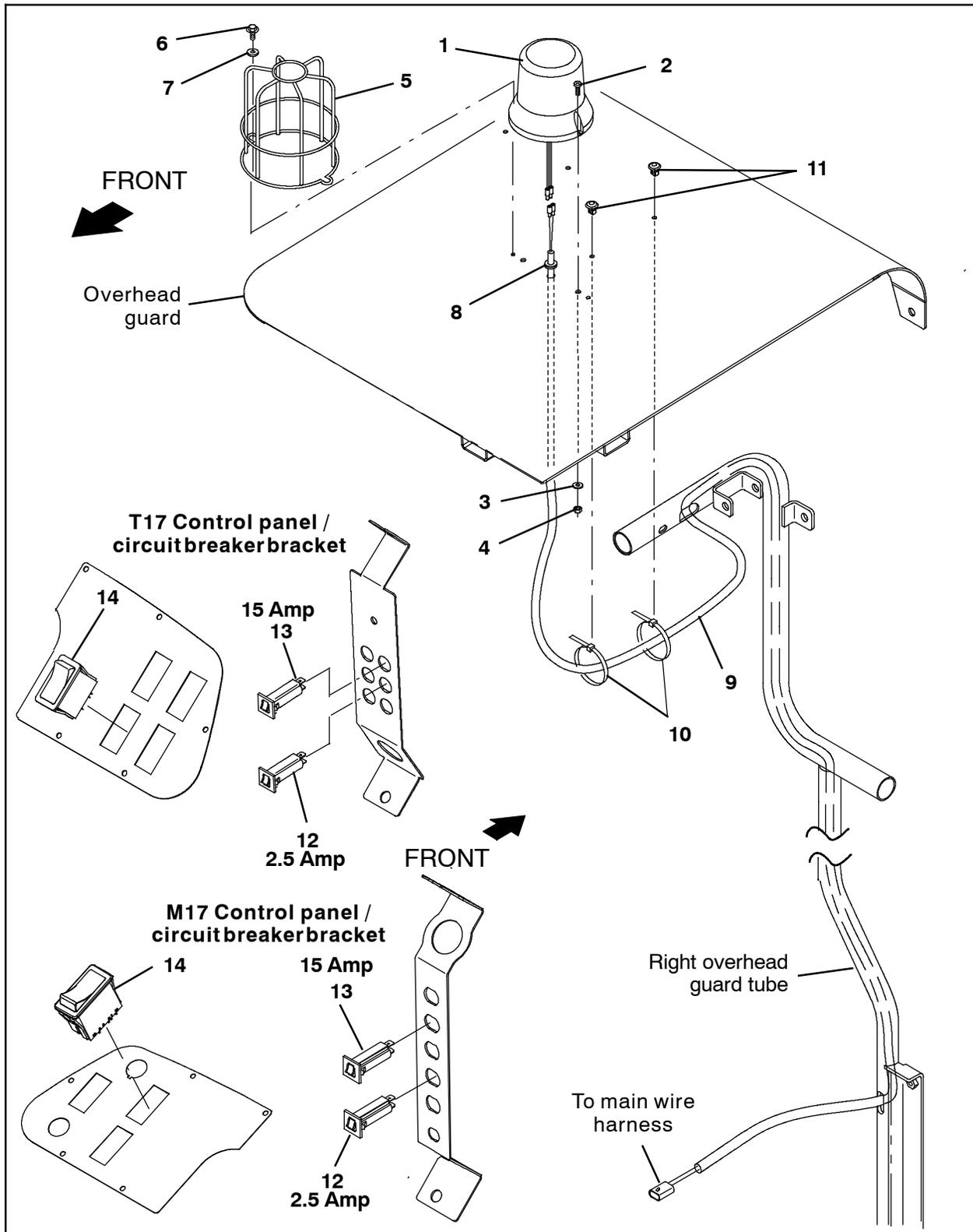


FIG. 13

**Bill Of Materials For Light Kit, Strobe, OHG, CI [T17] - 9020107**

	<b>Ref.</b>	<b>Tennant Part No.</b>	<b>Description</b>	<b>Qty.</b>
▽	1	1017250	Light, Strobe, Amb, 12- 48VDC	1
▲		9000845	Lamp, Bulb, Strobe	1
▲		9000879	Lens, Amb, F/ Revl / Flasher	1
	2	06933	Screw, Pan, Phl, M5 X 0.80 X 16, 4.8	2
	3	19066	Washer, Flat, 0.25b 0.56d .05, Pl, 10	2
	4	06549	Nut, Hex, Lock, M5 X 0.80, NI	2
	5	1039392	Guard, Light, Revl / Strobe	1
	6	74455	Screw, Hex, M6 X 1.00 X 12, Fmg	2
	7	32490	Washer, Flat, 0.25, Std	2
	8	10632- 2	Grommet, Rbr, 0.62id, F/0.9h, .12 Matl	1
	9	1069746	Harness, Ele, OHG [T12]	1
	10	130773	Tie, Cable, Nyl, 11.0l, .14w, 3.0 Max. D	3
	11	1071085	Clip, Tie, 0.25d, Plstc	3
	12	1064184	Circuit Breaker, 02.5a, Resettable	1
	13	1064188	Circuit Breaker, 15a, Resettable	1
	14	377084	Switch, Rocker, Prgrsv	1
	15	130133	Terminal, Mal, .25 22- 18Ga Red, F- Ins	2

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