



INSTRUCTION BULLETIN

No. 340156
Machine: 6100
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Rev. 02

NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in your machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save you 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 83201 and number 83203

SYNOPSIS / PROBLEM:

This kit contains the parts needed to install a 12VDC or 36VDC work light kit on the model 6100 sweeper.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: Hand Drill, 5.5 mm (7/32 in.) drill bit, 13 mm (1/2 in.) drill bit and a 51 mm (2.0 in.) hole saw.

(Estimated time to complete: 1 hour)

PREPARATION:

(Refer to FIG. 1 thru 3)

1. Park the machine on a clean, level surface.
Activate the machine parking brake.

FOR SAFETY: Before leaving or servicing machine, stop on level surface and set parking brake.

2. Disconnect battery cables from machine.

FOR SAFETY: Disconnect Battery Connections Before Working On Machine.

3. Remove the steering wheel and brush lift knob. Set the steering wheel and brush lift knob aside.

INSTALLATION:

1. Center and drill a 5.5 mm (7/32) hole in the right side fender of the machine.



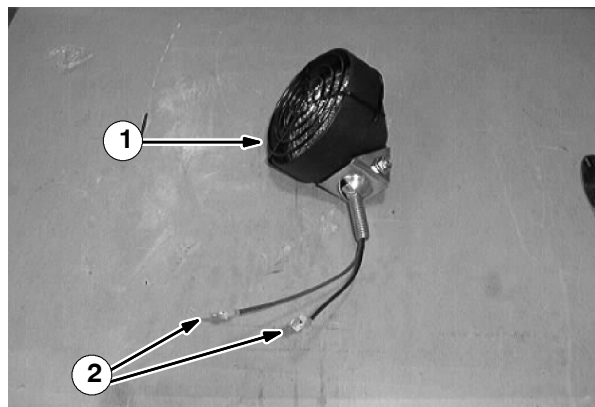
2. Using the 5.5 mm (7/32) hole as a centerpoint, drill a 51 mm (2.0 in) hole with a hole saw **through the bottom layer of plastic only**.



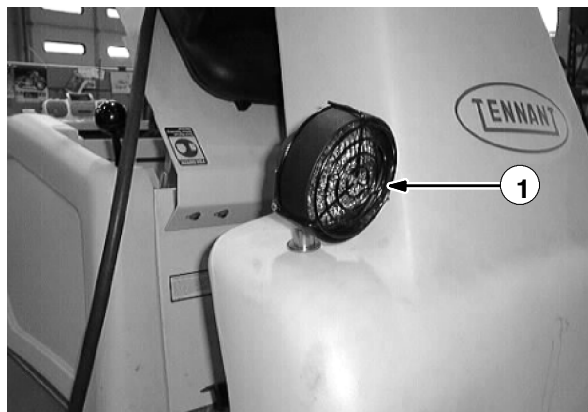
3. Drill a 13 mm (1/2) hole through the 5.5 mm (7/32) hole in the top of the fender to mount the headlight.



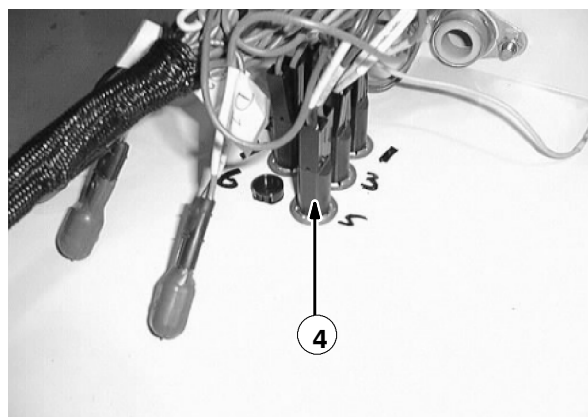
4. Assemble the headlight (1). Strip the wire ends down 6.5 mm (1/4 in) and cap the wires off with the plugs (2). (Refer to FIG. 3)



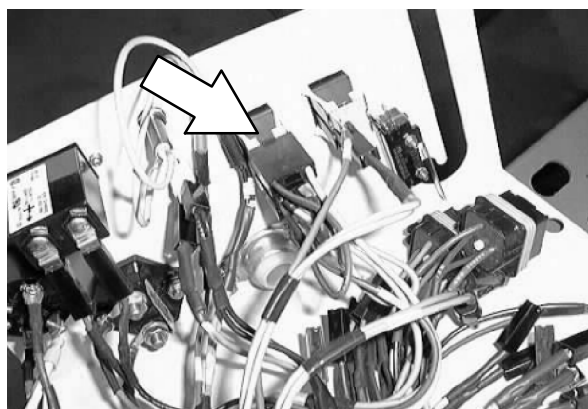
5. Install the headlight (1) on the machine. Hand tighten the mounting hardware. Connect the light (1) to the main harness. (Refer to FIG. 1 and 2)



6. Remove and set aside the control panel mounting hardware. Lift the control panel off the machine and install the circuitbreaker (4) and boot (5) in the control panel. Connect 6D/BLOCK and 24B/ORANGE to the circuitbreaker (4). (Refer to FIG. 1 and 2)



7. Install the new rocker switch (3) in the operating / hazard light position. Plug the new rocker switch into the main wiring harness. (Refer to FIG. 2 and 3)



8. Replace the control panel with the set aside mounting hardware. Reinstall the steering wheel and the brush lift knob.
9. Reconnect the battery cables to the machine. Start the machine and check the headlight for proper operation.



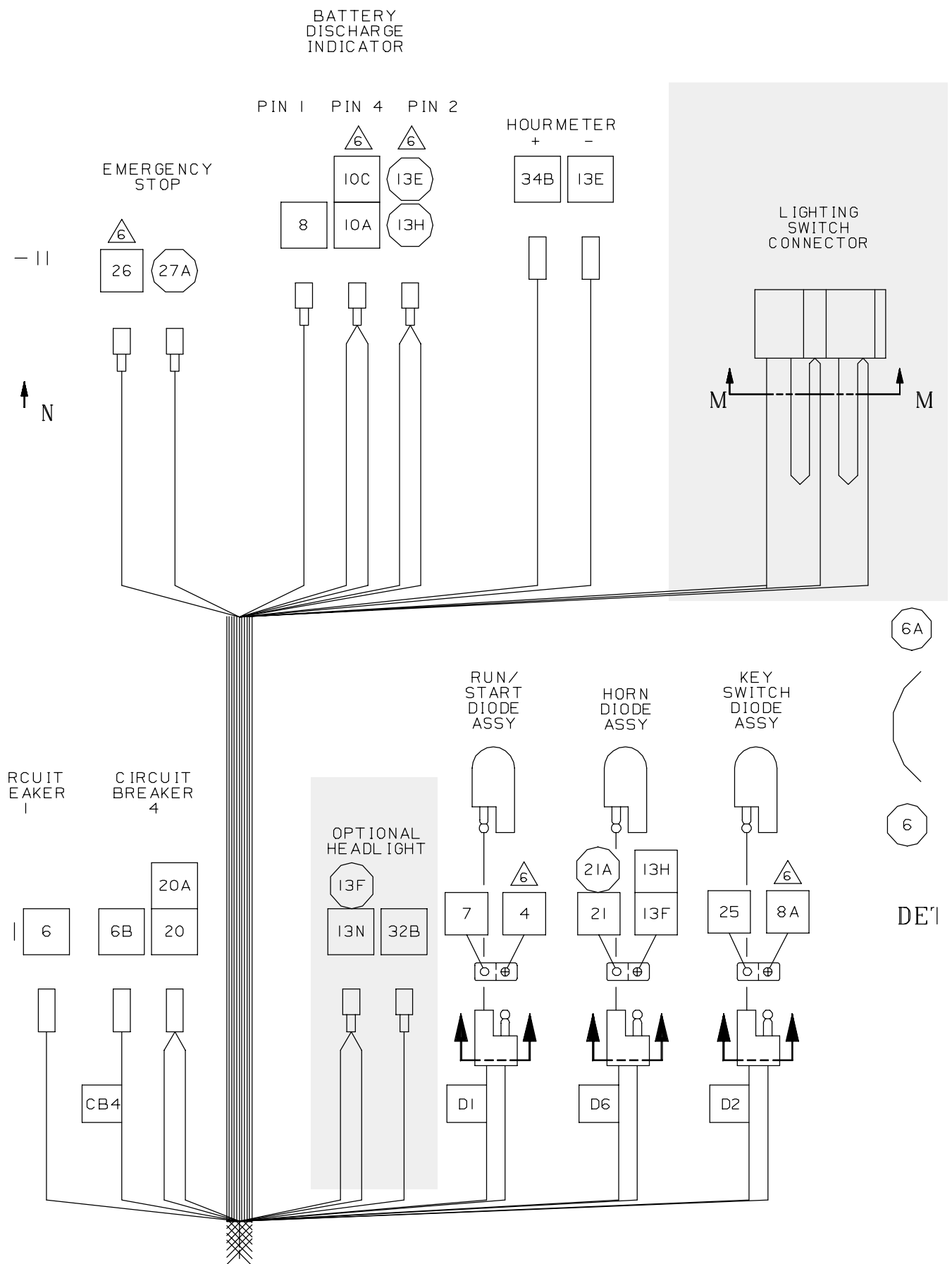


FIG. 2 - 6100 WIRING HARNESS, WORK LIGHT INSTALLATION

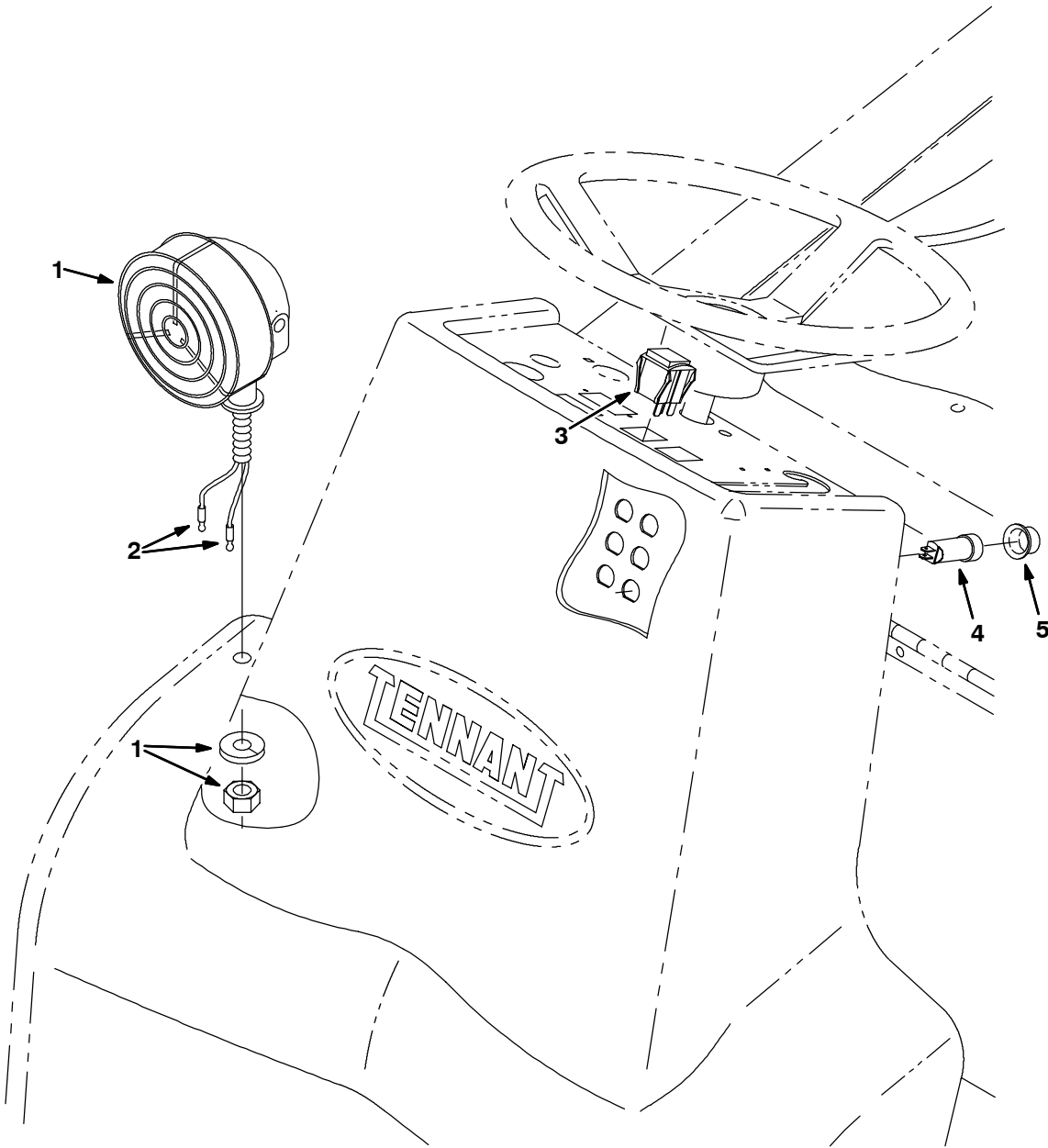


FIG. 3 - WORK LIGHT INSTALLATION

BILL OF MATERIALS FOR WORK LIGHT KITS 83201/83203

Ref.	TENNANT Part No.	Description	Qty.
1	02374	Light assy head/clr 12V (kit 83201)	1
1	45365-1	Light assy head/clr 36V (kit 83203)	1
2	55272	Terminal, snaplg. 16M ins. 14GA	2
3	360520	Switch, rocker on/none/off	1
4	57803	Circuitbreaker, 15.0a, Resettable	1
5	57751	Boot, Circuitbreaker	1

TENNANT COMPANY
P. O. Box 1452
Minneapolis, MN 55440-1452