

PARTS & SERVICE NEWS

REF NO. AA02067B

DATE November 18, 2002

(C)

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This Parts & Service News supersedes AA02067A dated March 26, 2002, which should be discarded.

SUBJECT: BRAKE LIGHT SWITCH

PURPOSE: Some graders have experienced short life of the stop light switch (1438 367 H1). The stop light's electrical circuit has been revised to include a relay to improve the stop light pressure switch life.

APPLICATION: 830B Motor Grader Serial Number 210877 and below
 830C Motor Grader Serial Number 210877 and below
 850B Motor Grader Serial Number 210877 and below
 850C Motor Grader Serial Number 210877 and below
 870B Motor Grader Serial Number 210877 and below
 870C Motor Grader Serial Number 210877 and below
 GD530A-2BY Motor Grader Serial Number 210877 and below
 GD530A-2CY Motor Grader Serial Number 210877 and below
 GD530AW-2BY Motor Grader Serial Number 210877 and below
 GD530AW-2CY Motor Grader Serial Number 210877 and below
 GD650A-2BY Motor Grader Serial Number 210877 and below
 GD650A-2CY Motor Grader Serial Number 210877 and below
 GD650AW-2BY Motor Grader Serial Number 210877 and below
 GD650AW-2CY Motor Grader Serial Number 210877 and below
 GD670A-2BY Motor Grader Serial Number 210877 and below
 GD670A-2CY Motor Grader Serial Number 210877 and below
 GD670AW-2BY Motor Grader Serial Number 210877 and below
 GD670AW-2CY Motor Grader Serial Number 210877 and below

FAILURE CODE: DDB2MA

DESCRIPTION:

The following replacement part kit must be ordered:

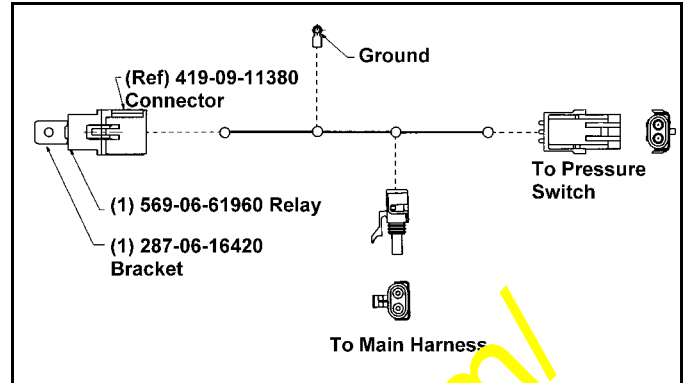
Table 1: Replacement Parts

Part Number	Qty	Description
1440 378 H91	1	Harness
569-06-61960	1	Relay
287-06-16420	1	Bracket
1438 367 H1	1	Switch - pressure
08034-20519	4	Tie straps

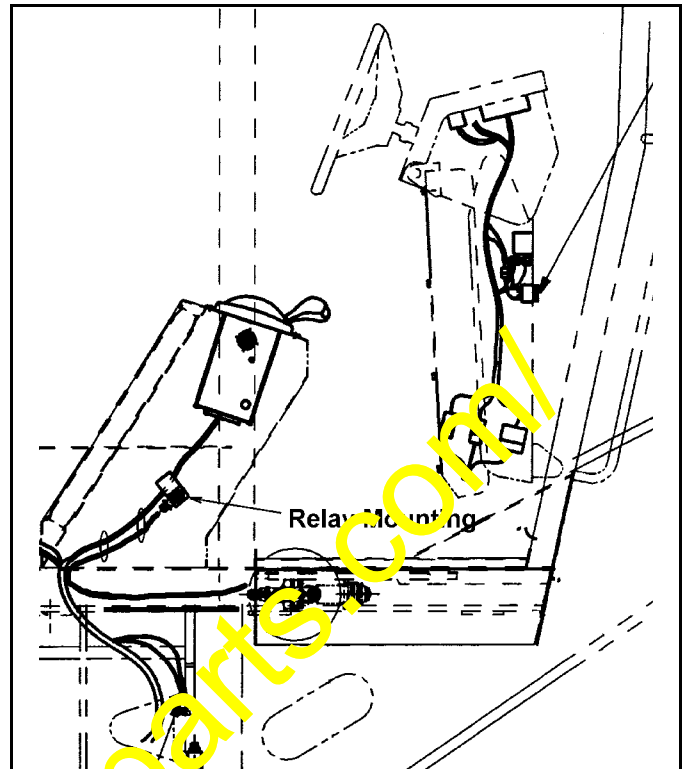
Tools required: 9/16" socket wrench, 5/8" open end wrench

Instructions

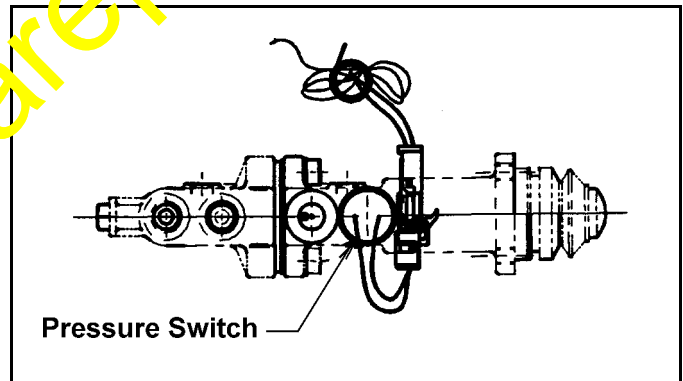
1. Prior to making any wiring changes, turn the engine off and disconnect the grader batteries.
2. Assemble relay 569-06-61960, bracket 287-06-16420, and harness 1440 378 H91 as shown to the right.
3. Remove the 4 capscrews mounting the front cover of the shifter console.



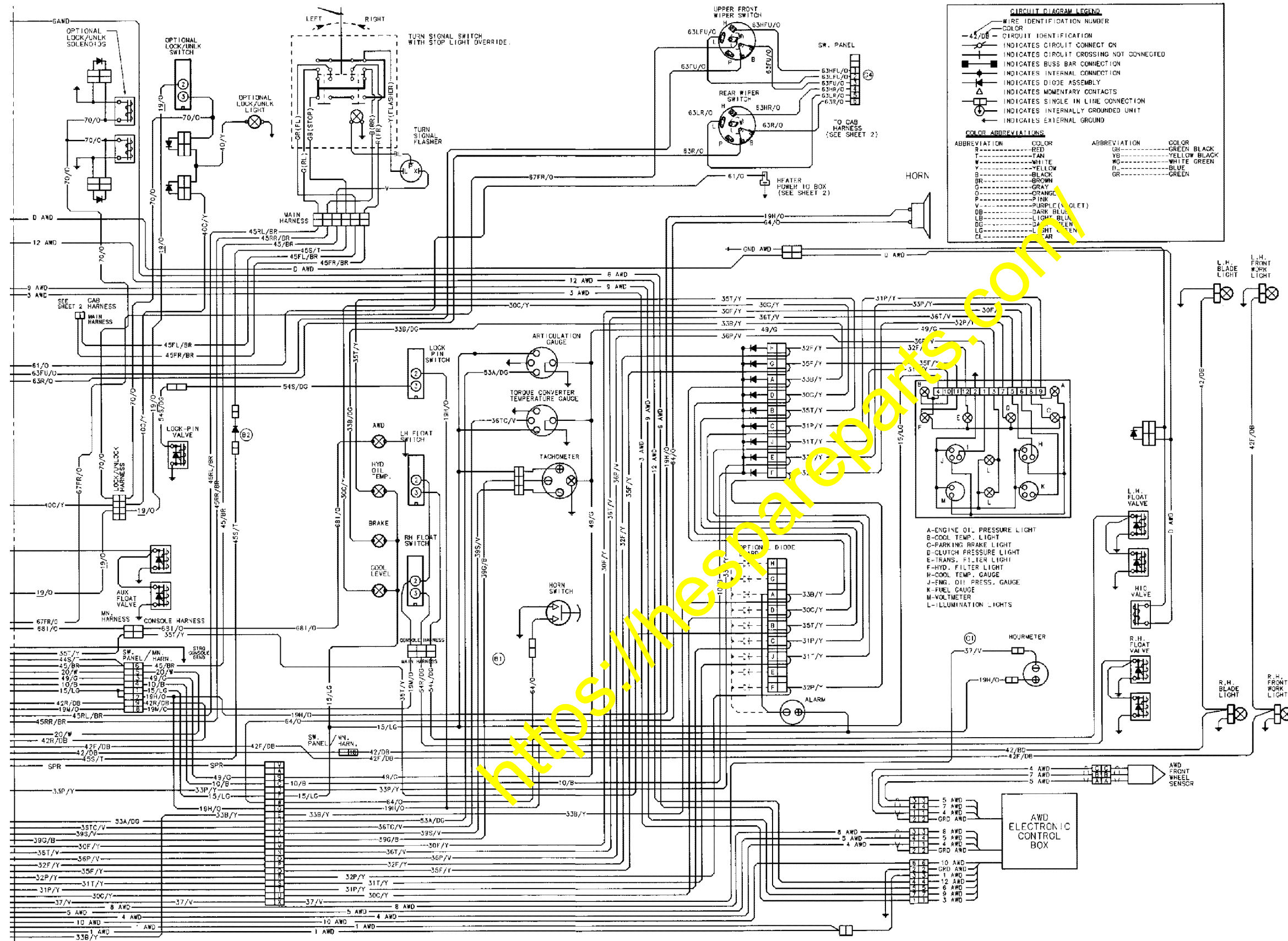
4. Mount relay to 1/4 in. bolt on the right hand panel of the shift console. (Use existing hardware.)
5. Route harness 1440 378 H91 with the main harness thru the floor hole.
6. Connect ground wire to cab floor with other ground wires.
7. Tie strap harness to main harness in 2 places.

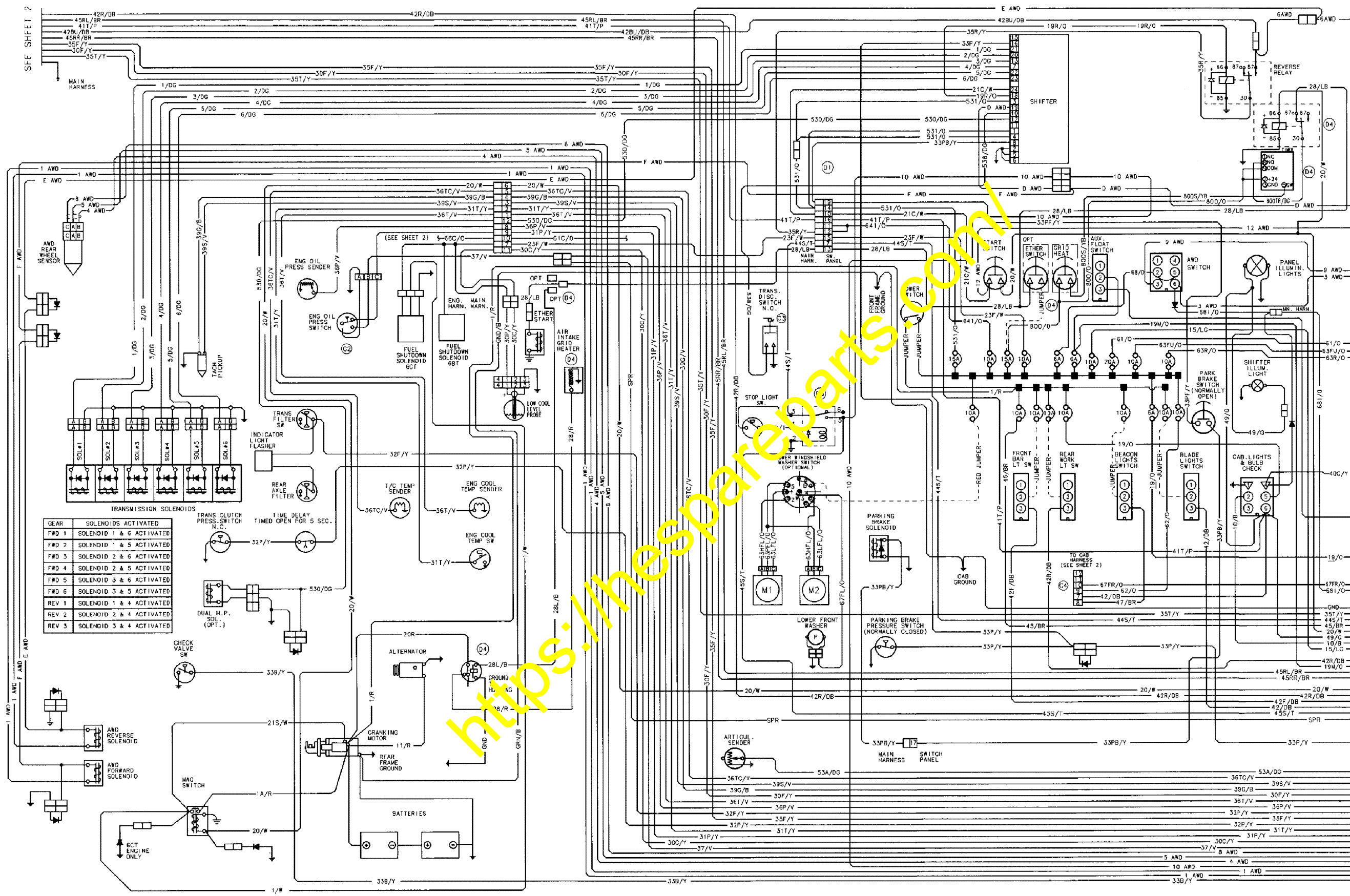


8. Replace the stop light switch with new switch 1438 367 H1.
9. Tie strap the connector to the brake valve

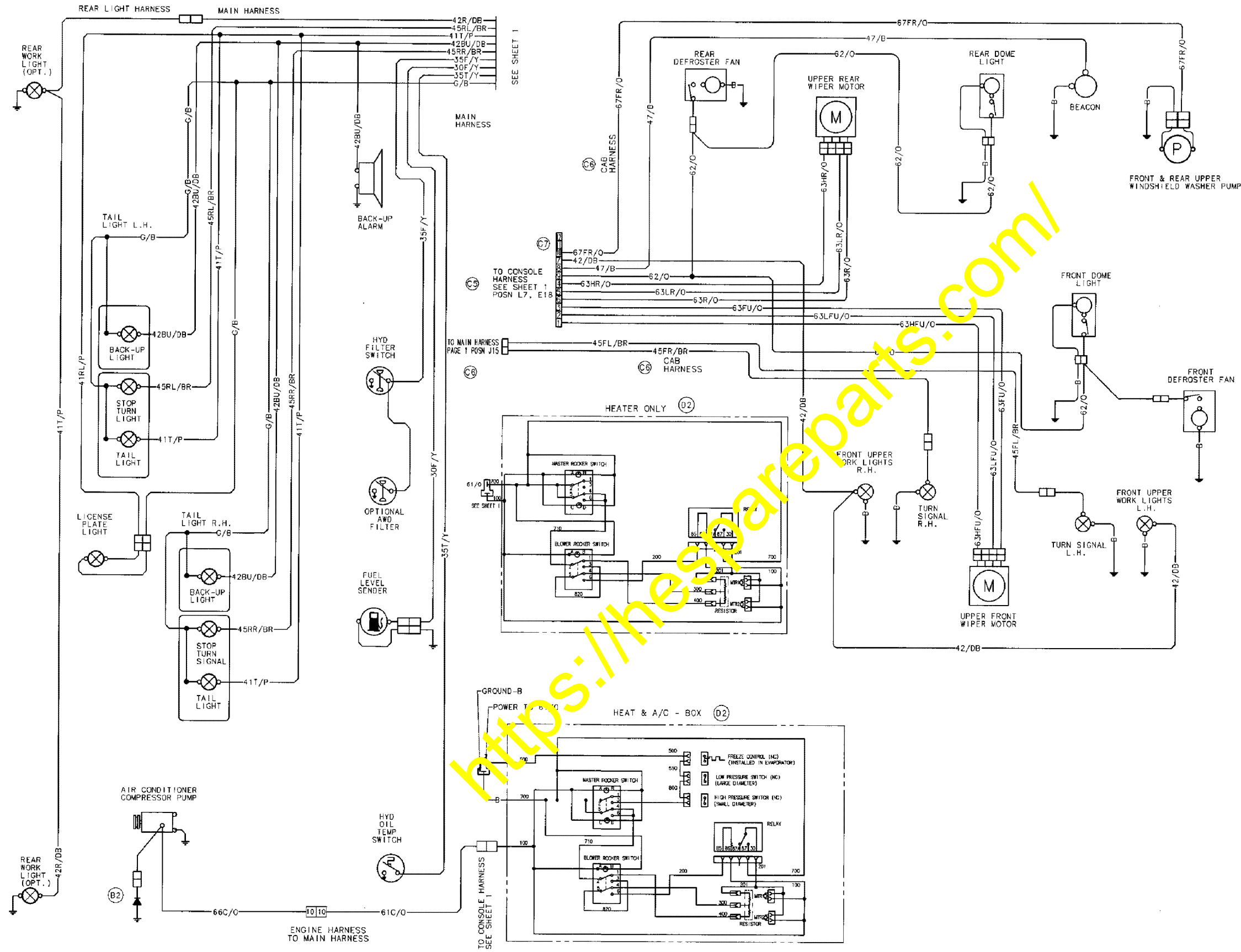


10. Reconnect batteries and check the stop lights for proper operation.
11. Attached is an updated electrical schematic reflecting this change.





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