



INSTRUCTION BULLETIN

No. 340145
Machine: 4300
Published: 12-98/00
System: OPTIONS

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 367675

SYNOPSIS / PROBLEM:

This kit contains the parts needed to install a backup alarm kit on the 4300 model vacuum. Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: Hand drill, .34in. (11/32) drill bit

(Estimated time to complete: 2 hours)

PREPARATION:

(Refer to FIG. 1 thru 5)

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

1. Disconnect battery cables from machine.



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

2. Locate two pre-drilled mounting holes next to directional pedal/cable connection under the machine.

INSTALLATION:

(Refer to FIG. 1 thru 5)

1. Mount roller switch assembly (11) to mounting holes under machine with sleeve tubes (12), pan screws (13), washers(14) and nuts (15). (Refer to FIG. 1 and 5)

NOTE: Mount roller switch carefully to ensure directional pedal/cable will make contact with switch when operator is pressing on the heel of the pedal.

2. Connect roller switch to main wiring harness. (Refer to FIG. 2, 3 and 5)
3. Using alarm mounting bracket (1) as a template, mark two mounting hole positions in left rear fender of machine. (Refer to FIG. 1 and 4)
4. Drill two .34in. (11/32) holes for M8 screws in newly marked positions.
5. Mount alarm mounting bracket (1) on fender with hex screws (2) and flange nuts (3). (Refer to FIG. 1 and 4)
6. Mount horn to alarm mounting bracket with hex screws (2), washers (9) and flange nuts (3). (Refer to FIG. 1 and 4)

7. Mount headlight (10) to alarm mounting bracket (1) with mounting hardware (10).
(Refer to FIG. 1 and 4)
8. Connect back up alarm wiring harness (16) to horn (8), and headlight (10) with snap plug terminals (19). (Refer to FIG. 1)

NOTE: Connect 34B BRN to the BLACK wire on the light and 37A/37B GRN to the RED wire on the light. Connect 31C GRN to the BLACK wire on the horn and 37B GRN to the RED wire on the horn. Tape connections completely when complete.

9. Wire back up alarm wiring harness (16) into main wiring harness. (Refer to FIG. 1 thru 3)
10. Remove circuit breaker panel.
11. Install flasher bracket behind circuit breaker panel with pan head screw (6) and lock nut (7). (Refer to FIG. 1)
12. Install circuit breaker and circuit breaker boot in circuit breaker panel. (Refer to FIG. 1 and 2)
13. Connect battery cables to machine.
14. Start machine, and check back up alarm kit for proper operation.

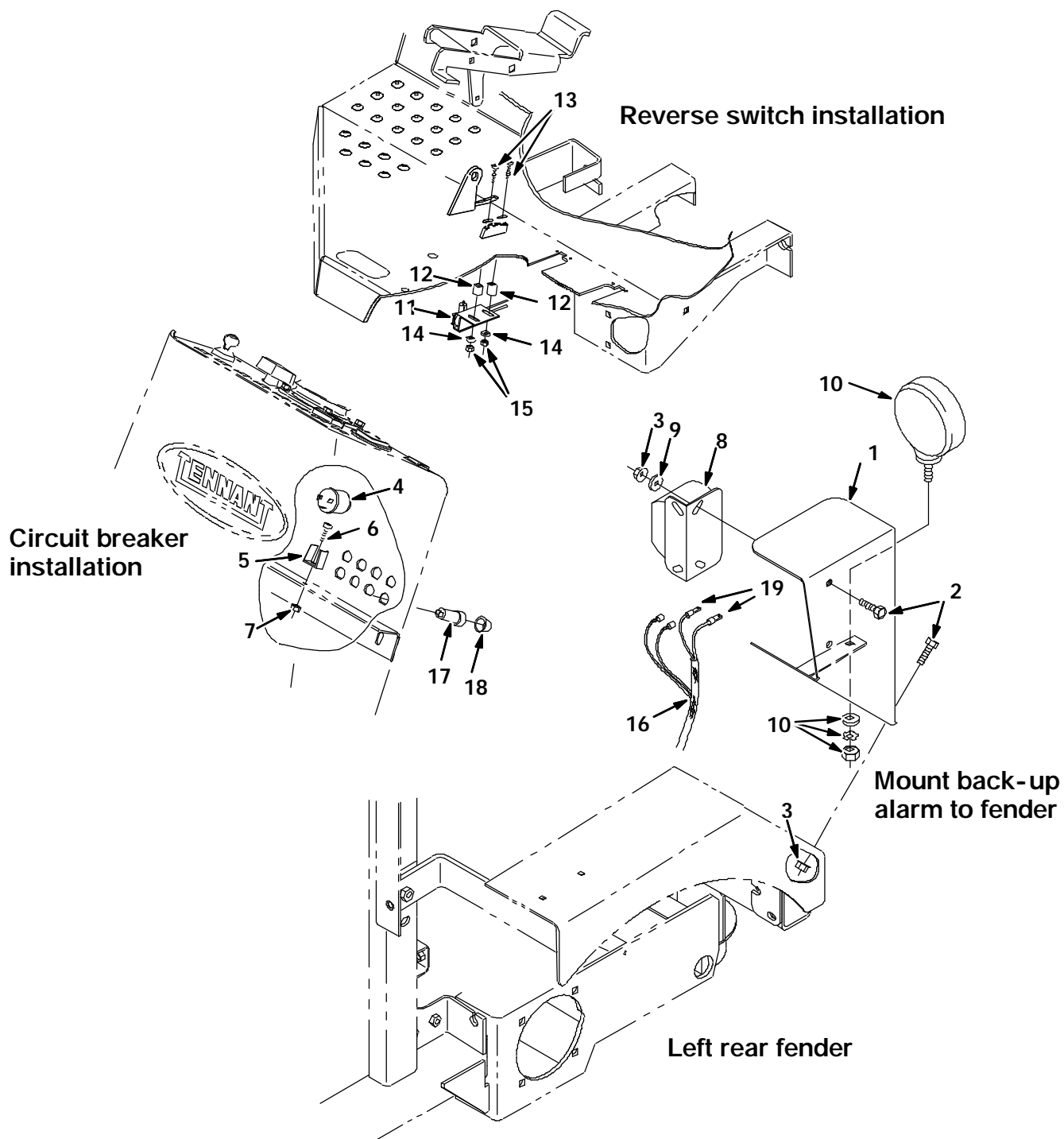


FIG. 1 - BACK UP ALARM KIT INSTALLATION

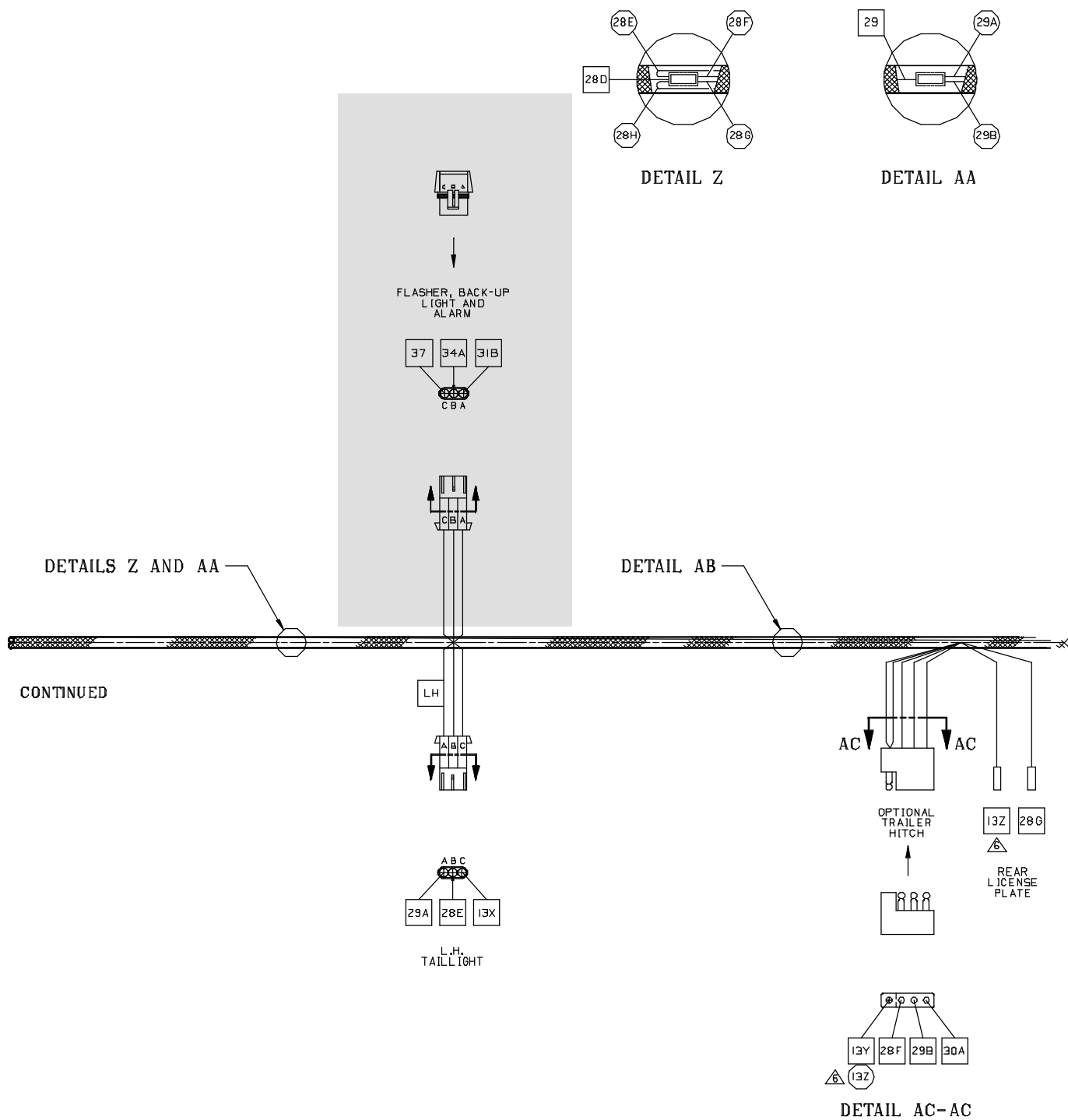


FIG. 3 - BACK UP ALARM WIRING HARNESS GROUP



FIG. 4 - BACK UP ALARM FENDER INSTALLATION

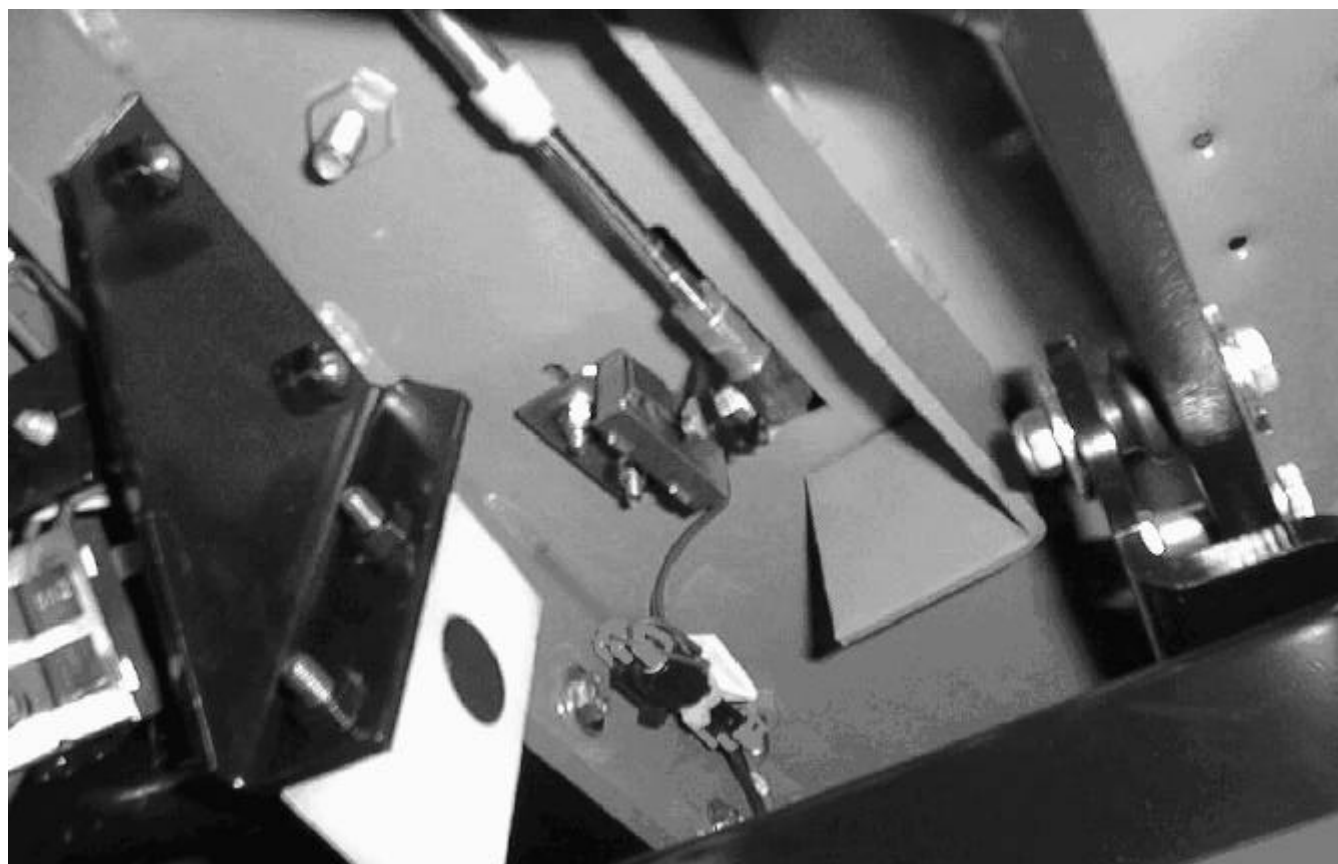


FIG. 5 - BACK UP ALARM REVERSE SWITCH INSTALLATION

BILL OF MATERIALS FOR BACK UP ALARM KIT 367675

Ref.	TENNANT Part No.	Description	Qty.
1	367646	Bracket, mounting alarm	1
2	16931	Scr, hex M8 X 1.25	5
3	07791	Nut, hex flange M8 X 1.25	5
4	31922	Flasher, heavy duty	1
5	24576-1	Bracket, flasher	1
6	06927	Scr, pan M4 X 0.7	1
7	02850	Nut, hxlocnyln M4 X 0.7	1
8	61923	Horn, back-up alarm	1
9	39349	Washer, flt .31 sae	2
10	36438	Headlight assy	1
11	367404	Switch assy, roller	1
12	222460	Tube, 0.50d	2
13	24198	Scr, pan 5 X 0.8	2
14	19066	Washer, flt	4
15	50335	Nut, hx std M5 X 0.8	2
16	367402	Harness, wire, alarm, back-up	1
17	57803	Breaker-circuit, 15 resetbl	1
18	57751	Boot, circuit breaker	1
19	55272	Terminal, snaplg .16M ins.	2
20	49266	Tie, cable 1.75D	3

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