



INSTRUCTION BULLETIN

No. 340113
Machine: 355/385
Published: 1-01/06
System: SWEEPING

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 379627 (12V) and 379628 (36V)

SYNOPSIS / PROBLEM:

This kit contains the parts needed to install a new style filter shaker assembly on the model 355/385 sweeper. The new shaker is an improvement over the existing shaker system.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: None

(Estimated time to complete: 1 hour)

INSTALLATION:

(Refer to FIG. 1 thru 7)

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

1. Open the hopper cover.
2. Disconnect the wires leading to the thermo sentry. (Refer to FIG.1)
3. Un-plug the hopper harness from the shaker motor. (Refer to FIG.1)
4. Pull the filter tray forward slightly and loosen the worm drive clamp holding the flexible hose to the back of the vacuum inlet tube. Pull the flexible hose off the tube. (Refer to FIG.2)
5. Pull the existing filter tray assembly out of the machine and discard the parts indicated in FIG. 1. (Refer to FIG.1)
6. Position the new filter tray assembly into the machine hopper. (Refer to FIG. 2, 3, 4, and 5)
7. Reconnect the flexible hose to the vacuum inlet at the back of the new filter carrier tray (1). Tighten the worm drive clamp. (Refer to FIG. 2)
8. Plug the existing hopper harness into the two prong plug of the new shaker harness (27).
9. Connect the two remaining wires of the existing hopper harness into the thermo sentry (3). (Refer to FIG. 3)
10. Connect the vacuum hose (33) and fitting (32) into the existing vacuum hose that is tied up with the hopper harness wires. (Refer to FIG. 3)
11. Operate the filter shaker and check the new assembly for proper operation. Close the hopper cover.

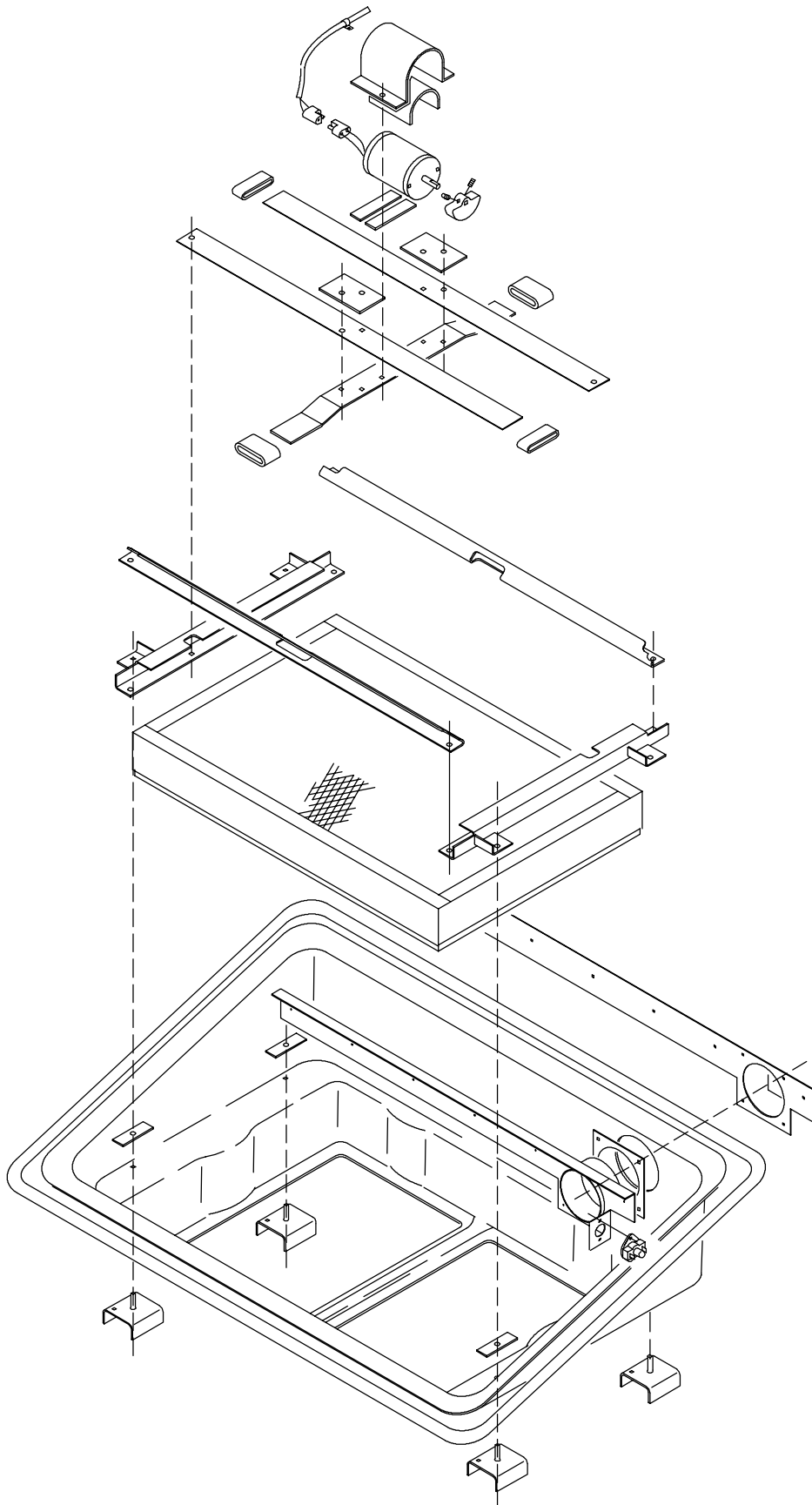


FIG. 1 - Parts To Remove And Discard

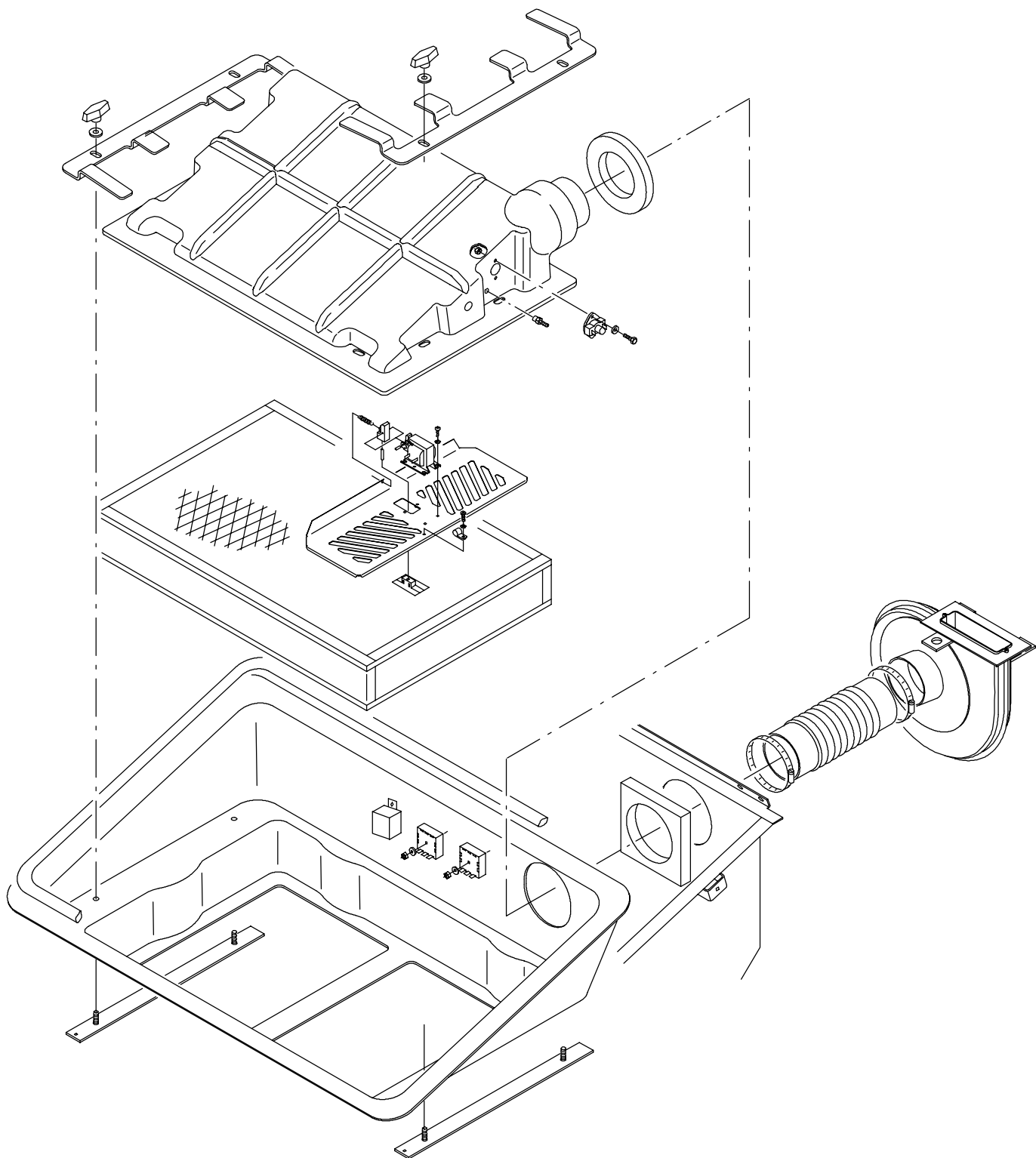


FIG. 2 - New Filter Shaker Assembly

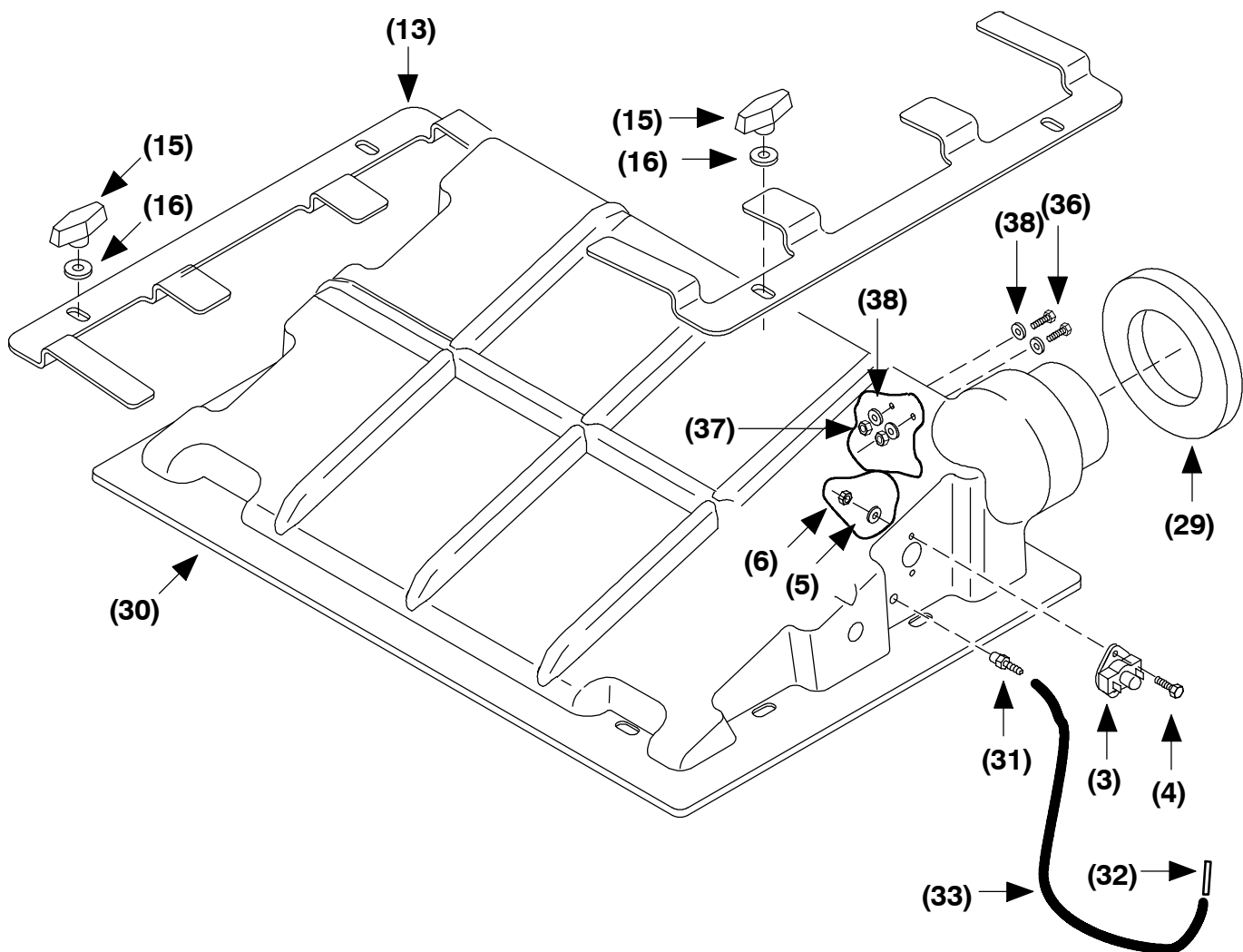


FIG. 3 - New Filter Shaker Assembly

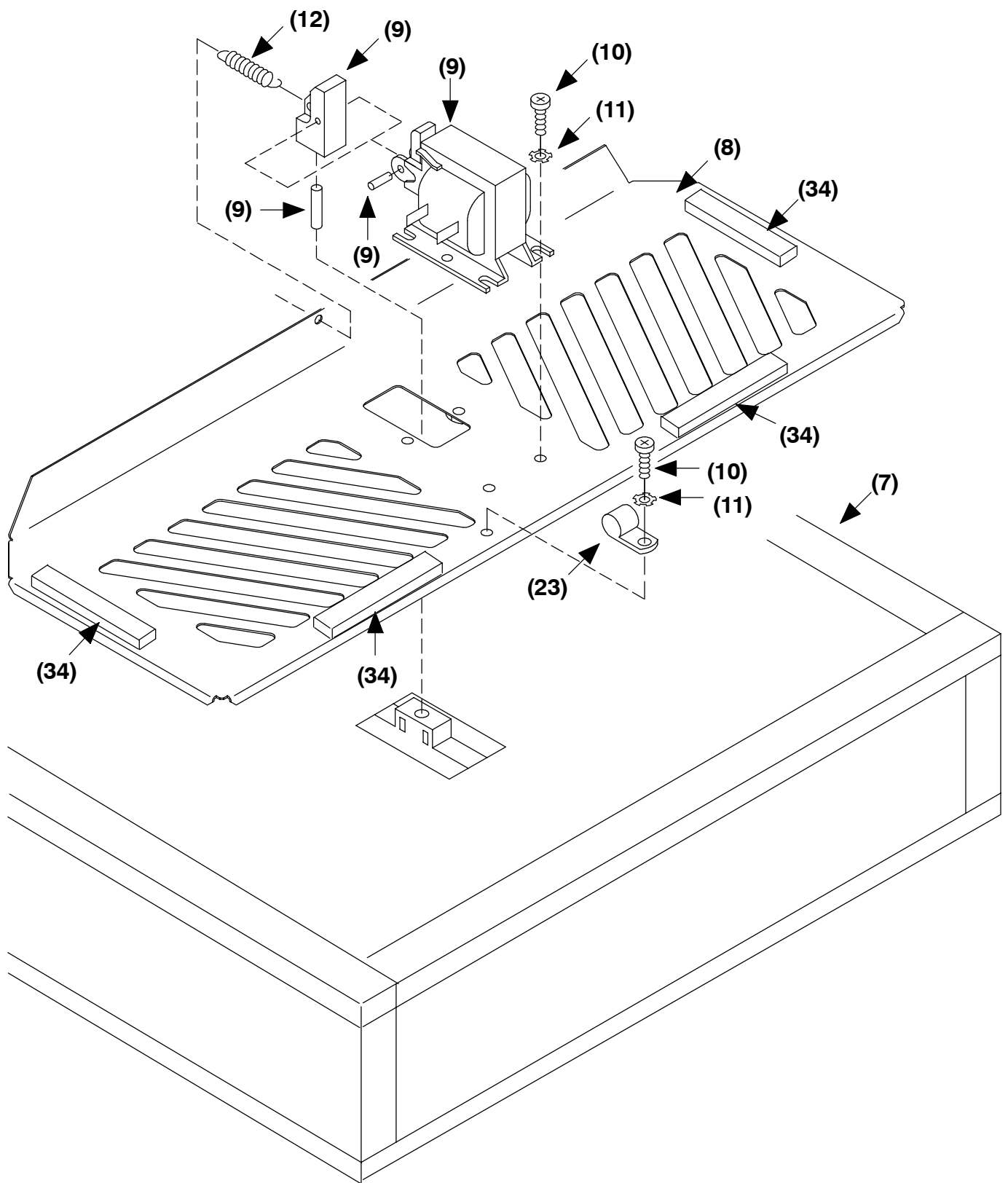


FIG. 4 - New Filter Shaker Assembly

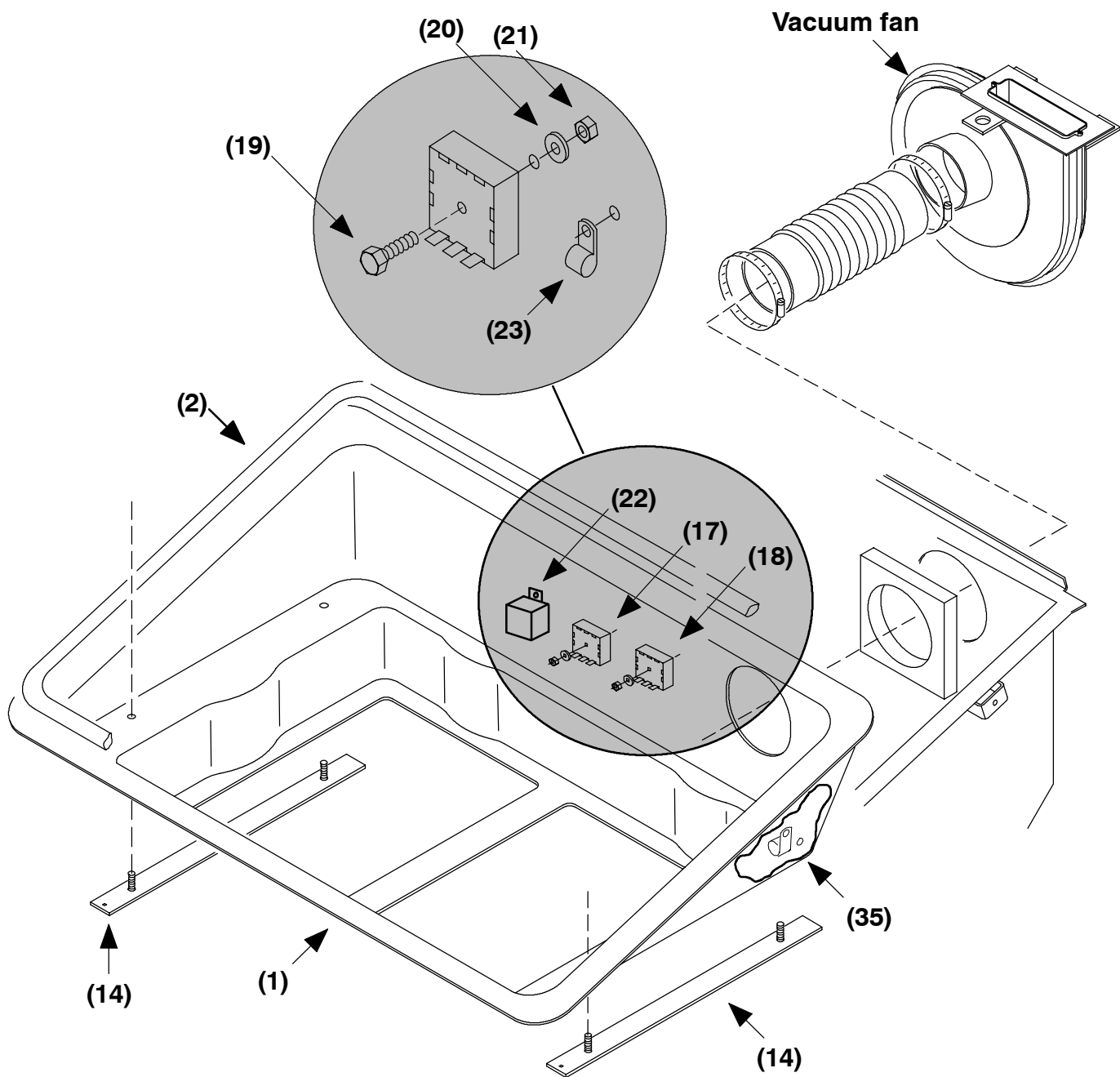


FIG. 5 - New Filter Shaker Assembly

BILL OF MATERIALS FOR NEW FILTER SHAKER KIT 379627 (12V)

Ref.	TENNANT Part No.	Description	Qty.
1	379577	Filter carrier tray	1
2	79425	Bulb seal, 140 inch	1
3	02712	Thermostat assembly, 140 deg.	1
4	09244	M5 hex screw, 16mm	2
5	19066	#10 flat washer	2
6	06549	M5 nyloc nut	2
7	379629	Filter Kit 6500/6550	1
8	379555	Panel shaker plate	1
9	379890	Shaker solenoid assembly	1
10	49697	M4 pan screw, 10mm	5
11	19065	#8 flat washer	5
12	81812	Shaker tension spring	1
13	379530	Filter hold down bracket	2
14	379531	Shaker bar weldment	2
15	04706	Brush lift handle	4
16	32492	3/8 inch flat washer	4
17	379656	Timer, 10 second, 12V	1
18	81923	Shaker module, 12V	1
19	33944	M6 pan screw, 35mm	2
20	32483	1/4 inch flat washer	2
21	08708	M6 nyloc nut	2
22	10865	Relay, 40A	1
23	26395-2	Cable clamp	2
24	06933	Pan screw, M5 x 16mm	4
25	19324	Flat washer, #10	4
26	06549	M5 nyloc nut	4
27	379653	Shaker wire harness (not shown)	1
28	378969	Cable clamp	1
29	379560	Hopper acoustic foam	1
30	379556	Filter panel cover	1
31	40607	Straight brass fitting, 3x2	1
32	379759	Straight plastic fitting, 3x3	1
33	09893	Vacuum hose, 12 inch	1
34	379822	Foam pad	4
35	30408	Clip, keeper, open	1
36	09164	Scr, pan, M6x1.0	2
37	08708	Nut, hxnyloc, M6x1.0	2
38	32483	Washer, flat, .25sae	4

BILL OF MATERIALS FOR NEW FILTER SHAKER KIT 379628 (36V)

Ref.	TENNANT Part No.	Description	Qty.
1	379577	Filter carrier tray	1
2	79425	Bulb seal, 140 inch	1
3	02712	Thermostat assembly, 140 deg.	1
4	09244	M5 hex screw, 16mm	2
5	19066	#10 flat washer	2
6	06549	M5 nyloc nut	2
7	379629	Filter kit 6500/6550	1
8	379555	Panel shaker plate	1
9	379761	Shaker solenoid assembly	1
10	49697	M4 pan screw, 10mm	5
11	19065	#8 flat washer	5
12	81812	Shaker tension spring	1
13	379530	Filter hold down bracket	2
14	379531	Shaker bar weldment	2
15	04706	Brush lift handle	4
16	32492	3/8 inch flat washer	4
17	379655	Timer, 10 second, 36V	1
18	81922	Shaker module, 36V	1
19	33944	M6 pan screw, 35mm	2
20	32483	1/4 inch flat washer	2
21	08708	M6 nyloc nut	2
22	10865	Relay, 40A	1
23	26395-2	Cable clamp	2
24	06933	Pan screw, M5 x 16mm	4
25	19324	Flat washer, #10	4
26	06549	M5 nyloc nut	4
27	379661	Shaker wire harness (not shown)	1
28	378969	Cable clamp	1
29	379560	Hopper acoustic foam	1
30	379556	Filter panel cover	1
31	40607	Straight brass fitting, 3x2	1
32	379759	Straight plastic fitting, 3x3	1
33	09893	Vacuum hose, 12 inch	1
34	379822	Foam pad	4

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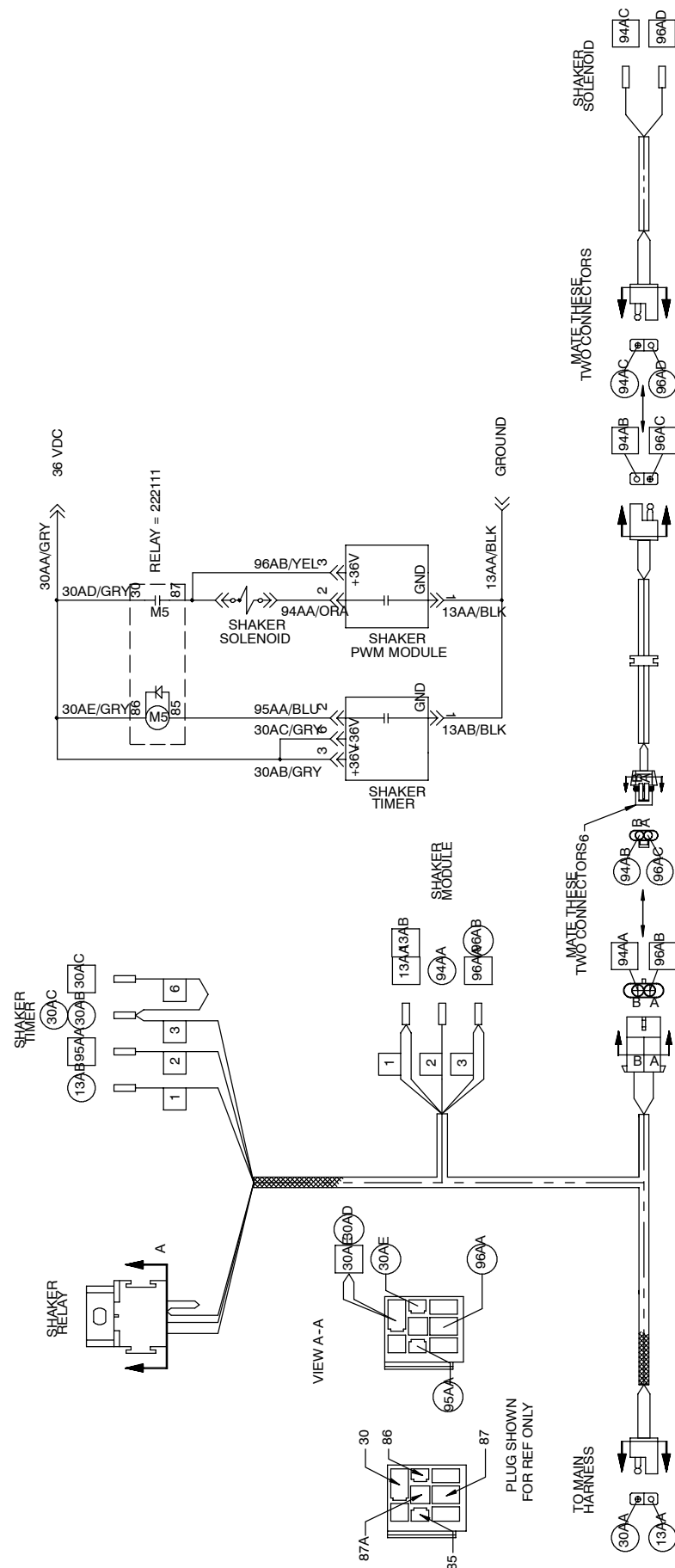


FIG. 7 - SCHEMATIC (36V)