



INSTRUCTION BULLETIN

No. 9005247
Machine: 7200 / T15
Published: 08-2009
Rev. 01

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 9005180**

SYNOPSIS:

This kit contains the parts needed to install the dual vacuum fan harness on 7200/T15 machines (machines equipped with optional dual vacuum fans only).
Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 1.5 hours)

PREPARATION:

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

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

2. Disconnect the battery cables from the batteries.



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

3. Open the recovery tank cover.
4. Disconnect the main harness from the vacuum fan VF1 and use a cable tie (3) to secure the disconnected lead back to the main harness.

INSTALLATION:

1. Connect the dual vacuum fan jumper harness (1) to the dual vacuum fan VF1 connector previously connected to the main harness. Refer to Fig. 4.

2. Route the jumper harness (1) down along the vacuum fan hose and straight down to the floor. Refer to Fig. 1.

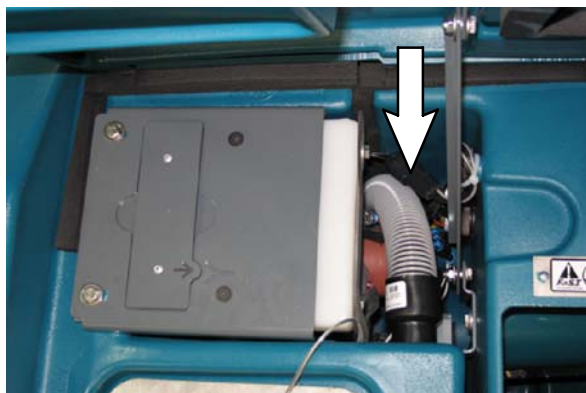


FIG. 1

3. Route the jumper harness (1) over the rear cross member of the frame, over the scrub head along the solution hoses, and to the front of the machine. Refer to Fig. 2.

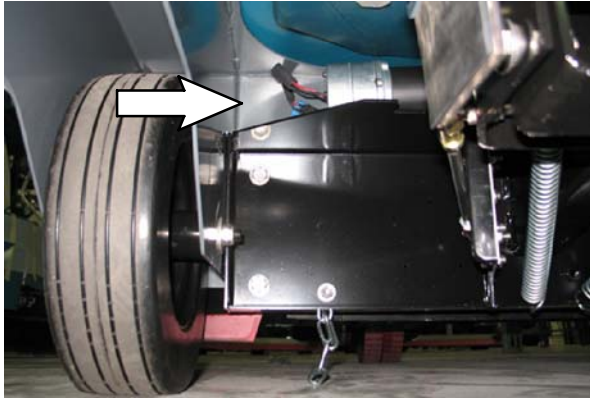


FIG. 2

4. Route the dual vacuum fan jumper harness (1) up through the hole in the floor of the machine, along the main harness, and into the operator compartment. Refer to Fig. 3.



FIG. 3

5. Open the electrical panel. Set the electrical panel mounting hardware aside. Do not break any wire connections when opening the electrical panel.

NOTE: The dual vacuum fan jumper harness (1) is being added to the machine in addition to the existing main harness. Do not disconnect any main harness connections unless instructed to do so.

6. Disconnect the main harness from the existing circuit breaker and remove the circuit breaker from the electrical panel. Set the hardware aside and discard the old circuit breaker. Refer to Fig. 4.
7. Install the 50A circuit breaker (2) onto the electrical panel. Refer to Fig. 4.
8. Connect both the main harness and jumper harness (1) to the 50A circuit breaker (2) installed in the previous step. Refer to Fig. 4.
9. Connect the jumper harness (1) to the M2 contactor. Refer to Fig. 4.
10. Connect the jumper harness (1) to the 125 volt fuse. Refer to Fig. 4.
11. Connect the jumper harness (1) to the machine ground. Refer to Fig. 4.
12. Use cable ties to secure the jumper harness (1) to the solution hoses located above the scrub head. The scrub head should not touch the harness when the scrub head is raised.
13. Reconnect the battery cables to the batteries.
14. Start and test the machine. Turn on vacuum fans to ensure they function.

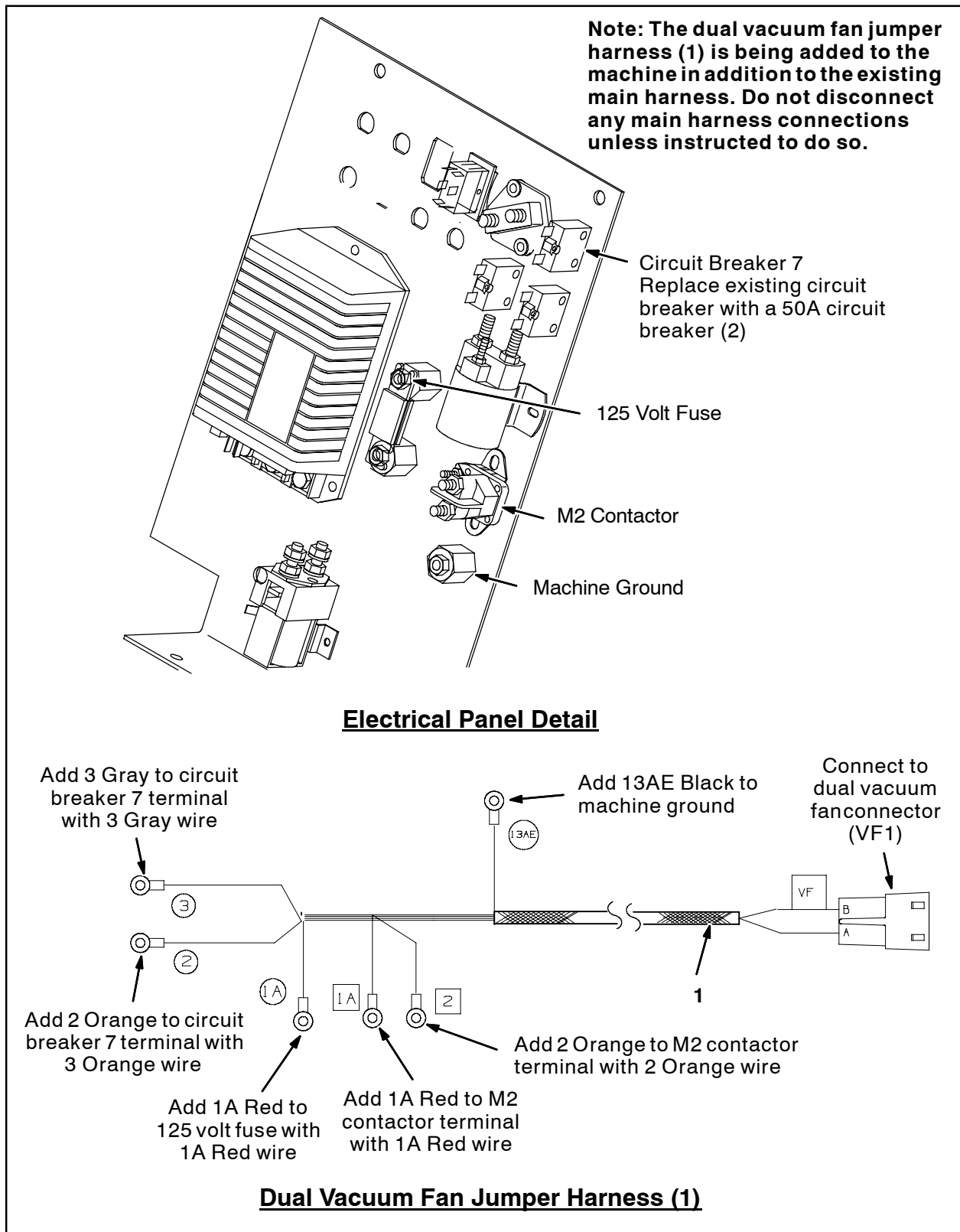


FIG. 4

Bill of Materials for Harness Kit, Vacfan, Dual, Replmt - 9005180

	Ref.	Tennant Part No.	Description	Qty.
▽		9005180	Harness Kit, Vacfan, Dual, Replmt	1
▲	1	1049369	Harness, Jumper, 14Ga, Dual Vacfan	1
▲	2	383728	Circuit Breaker, 50.0A	1
▲	3	130040	Tie, Cable, Nyl. 060L .12W	10

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