



INSTRUCTION BULLETIN

No. 340284
Machine: 8200/8210
Published: 3-99/00
System: ELECTRICAL

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 393301

SYNOPSIS / PROBLEM:

This kit contains the parts needed to install a water valve diode harness kit on the model 8200/8210 sweeper/scrubber. The diodes will help prevent feedback and electrical panel burnout. This modification should be made to all machines built after 3-17-99 until all the current rev8 harnesses are replaced by the new rev9 harnesses.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 1 hour)

PREPARATION:

(Refer to FIG. 1 thru 4)

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.

INSTALLATION:

(Refer to FIG. 1 thru 4)

1. Remove floor plate cover in the operator station to access wire harness.
2. Insert the diodes into the diode harnesses.
3. Remove 55B Grey from the solution 1 valve. (Refer to FIG. 1)
4. Remove 59 Brown from the solution 1 valve. (Refer to FIG. 1)
5. Insert the Grey wire from the diode harness into the 55B Grey main harness connector. (Refer to FIG. 2)
6. Insert the White wire from the diode harness into the 59 Brown main harness connector. (Refer to FIG. 2)
7. Remove the 55C Grey wire from the solution 2 valve. (Refer to FIG. 1)
8. Remove the 60A Orange wire from the solution 2 valve. (Refer to FIG. 1)

9. Insert the Grey wire from the diode harness into the 55C Grey main harness connector.
(Refer to FIG. 3)
10. Insert the White wire from the diode harness into the 60A Orange main harness connector.
(Refer to FIG. 3)
11. Wire tie the assemblies to the main harness. (Refer to FIG. 4)
12. If you have any further questions, or lack parts, please contact the electrical dept. at x1576.

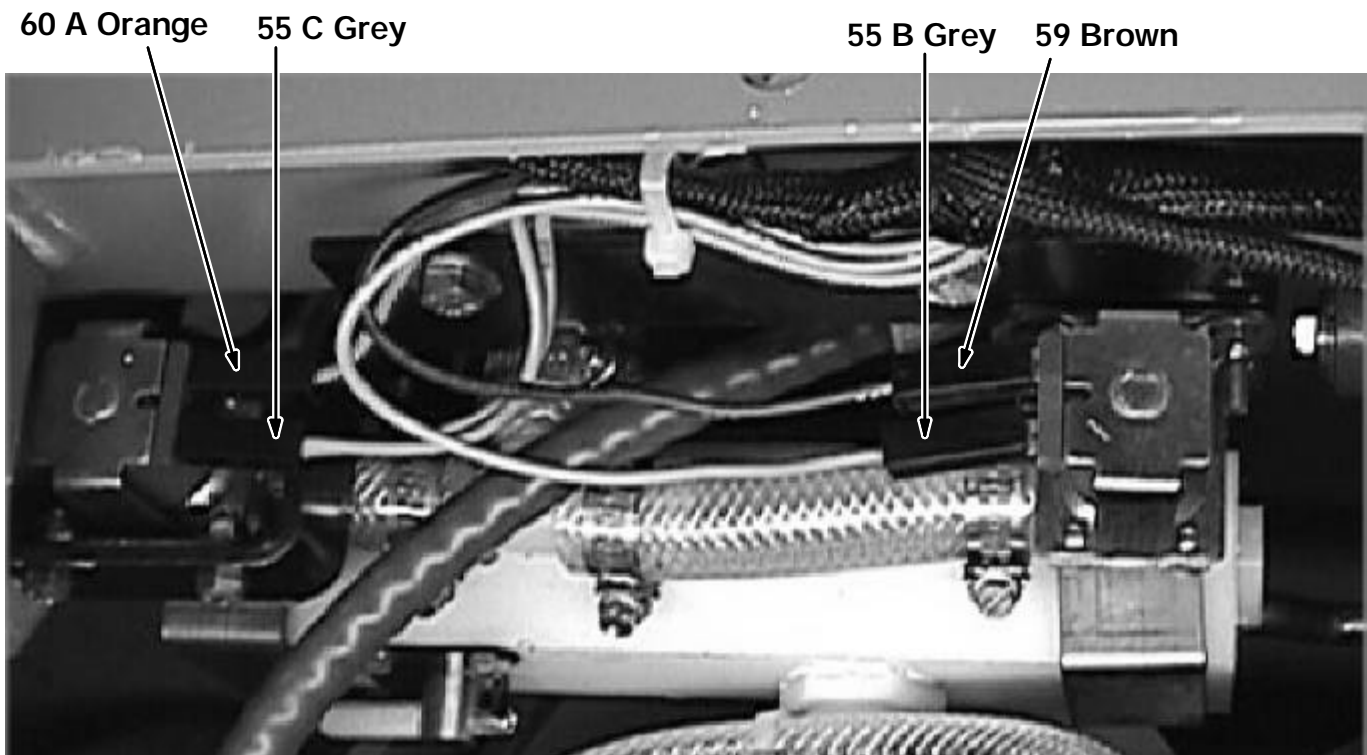


FIG. 1 - SOLUTION CONTROL VALVE PRIOR TO MODIFICATION

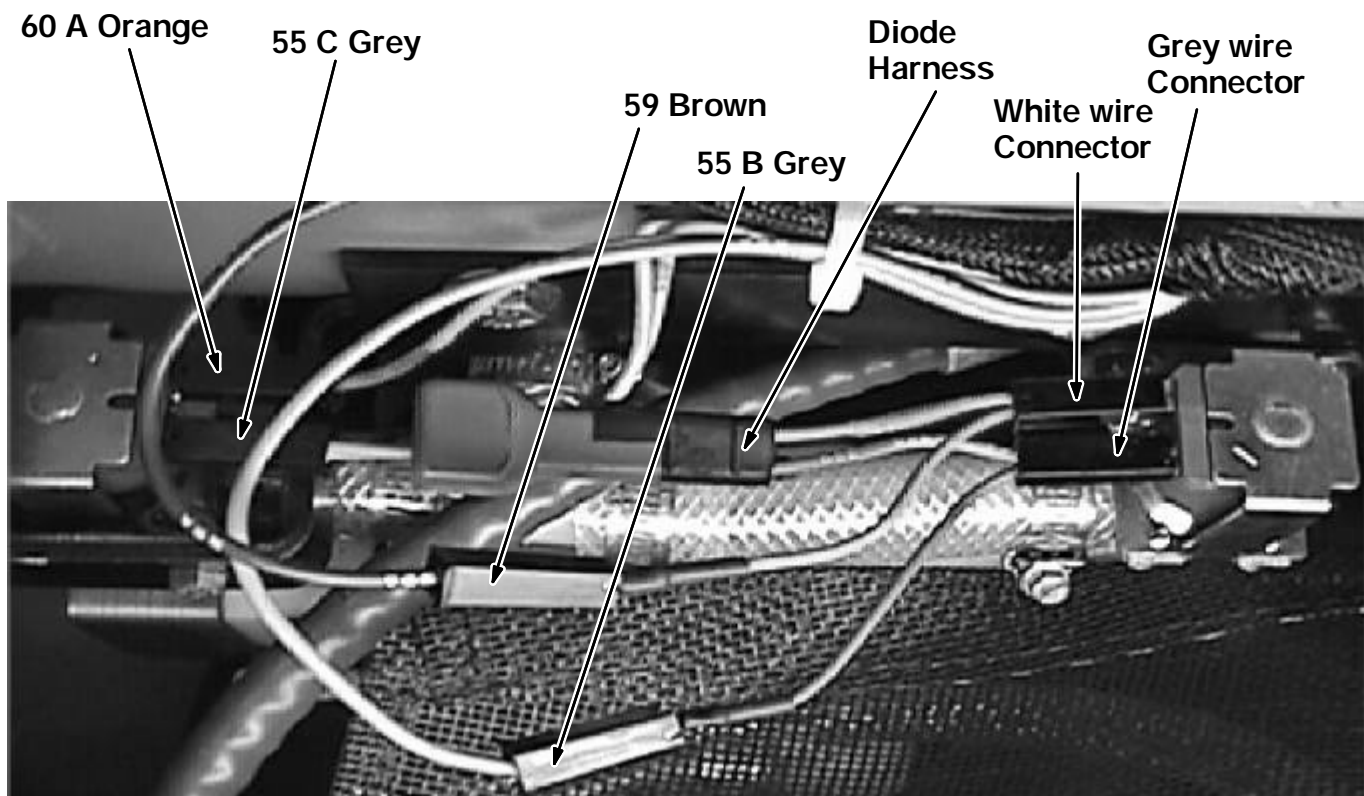


FIG. 2 - SOLUTION CONTROL 1 VALVE CONNECTION

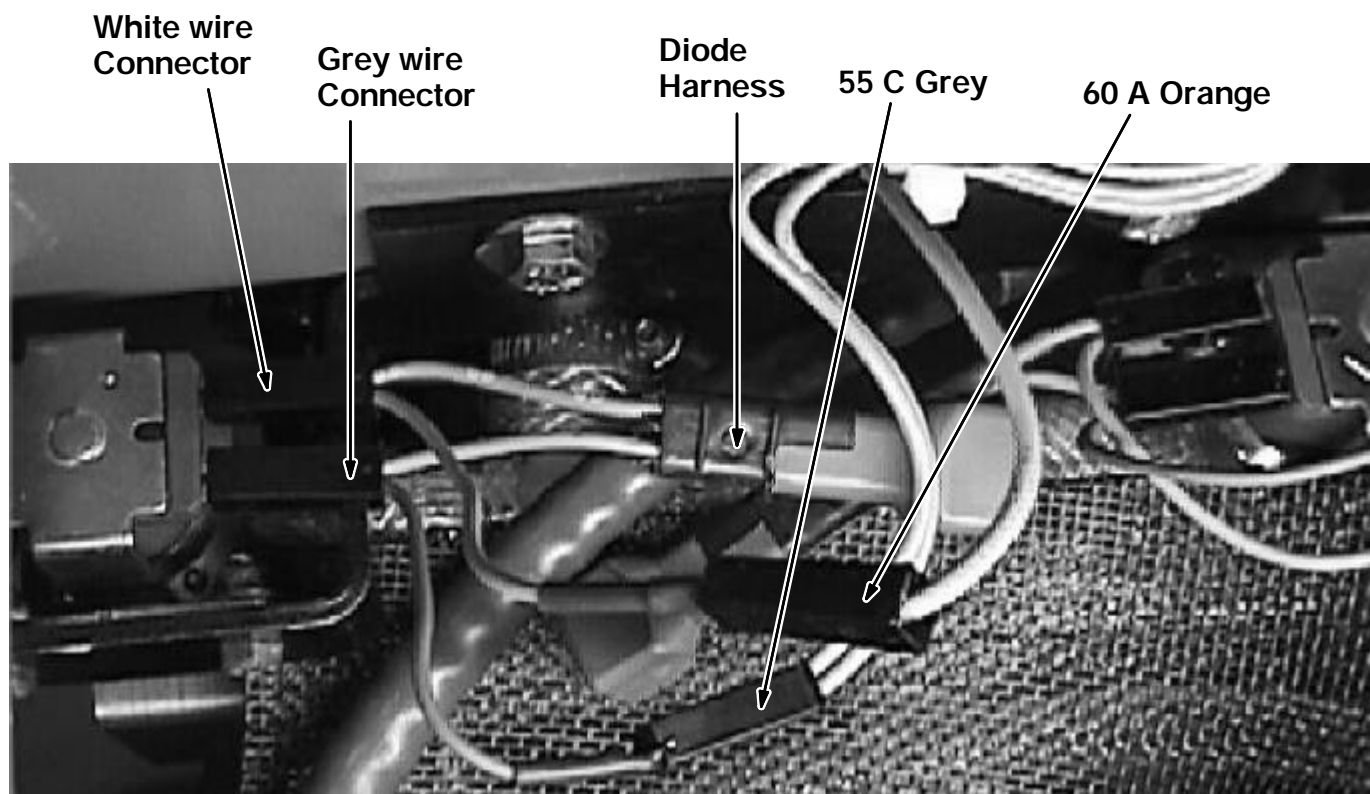


FIG. 3 - SOLUTION CONTROL 2 VALVE CONNECTION

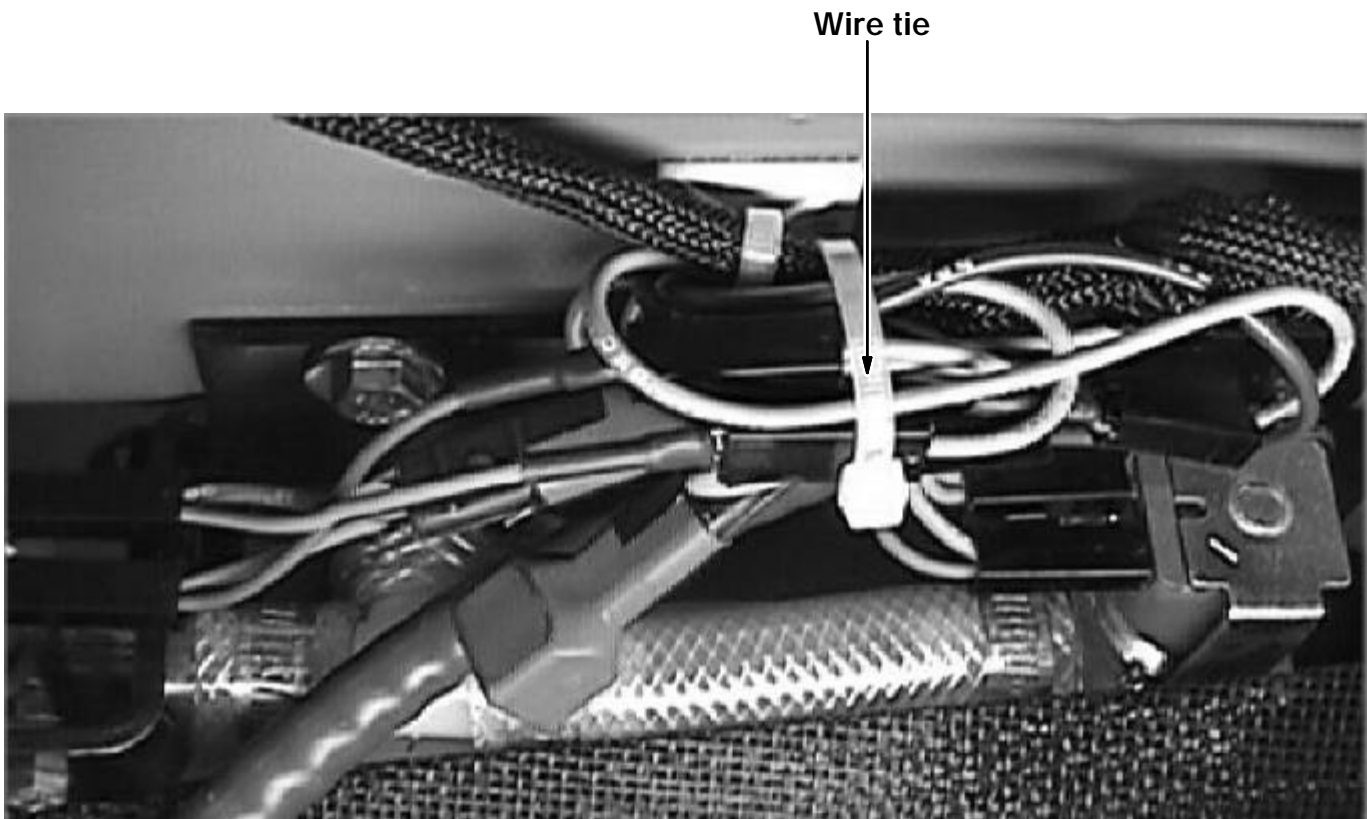


FIG. 4 - WIRE TIE ASSEMBLIES TO MAIN HARNESS

BILL OF MATERIALS FOR DIODE WIRE HARNESS KIT 393301

Ref.	TENNANT Part No.	Description	Qty.
1	222290	Diode	2
2	393300	Wire harness	2
3	49263	Wire tie	1

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