



INSTRUCTION BULLETIN

No. 3694
Machine: 5700
Published: 3-95/01
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 222743

SYNOPSIS / PROBLEM:

This kit contains the parts needed to replace a diode on the machine listed above. The diode that was installed at the factory may be too small and could fail. Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: None

(Estimated Time to complete: 1 hours)

PREPARATION:

(Refer to FIG. 1 and 2)

FOR SAFETY: Before leaving or servicing machine, stop on level surface and set parking brake (if equipped on machine).

1. Turn off the machine and remove the key.
2. Drain the solution from the solution tank. Raise the solution tank and engage the safety arm.
3. Disconnect the negative battery cable from the battery nearest the back of the machine before servicing any electrical components. (Refer to FIG. 1)

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

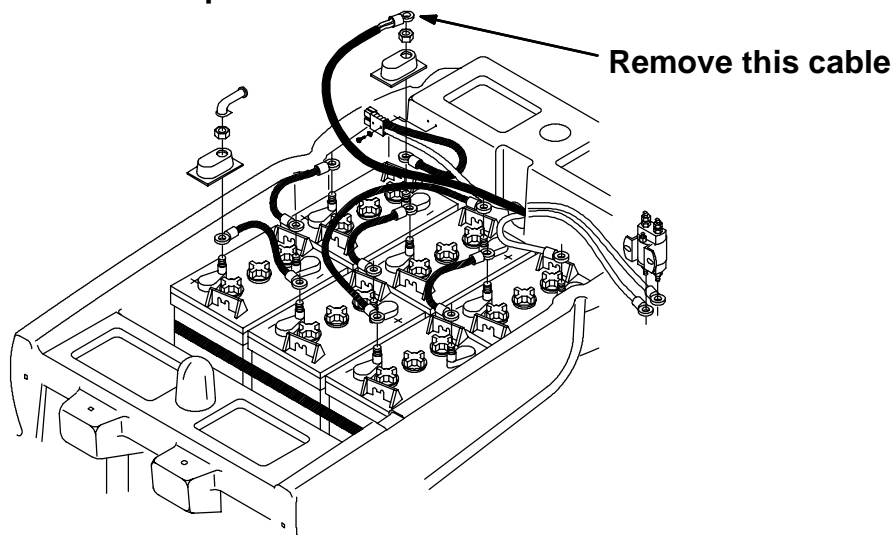


FIG. 1 - Battery Cable Disconnect

4. Remove the two M8 hex screws holding the top of the instrument panel to the electrical panel. (Refer to FIG. 3)
5. Tilt the instrument panel assembly back until the lanyard strap is tight. (Refer to FIG. 3)

INSTALLATION:

(Refer to FIG. 1, 2 and 3)

ATTENTION: Double check to make sure the batteries are disconnected from the machine.

1. Locate the two small red electrical devices (part # 222290) on the left side of panel, near the main power contactor. (Refer to Fig. 2)
2. Remove the small red device (part # 222290) from the connector with **four** wires.

*NOTE: Do not remove the small red electrical device from the connector with **three** wires.*

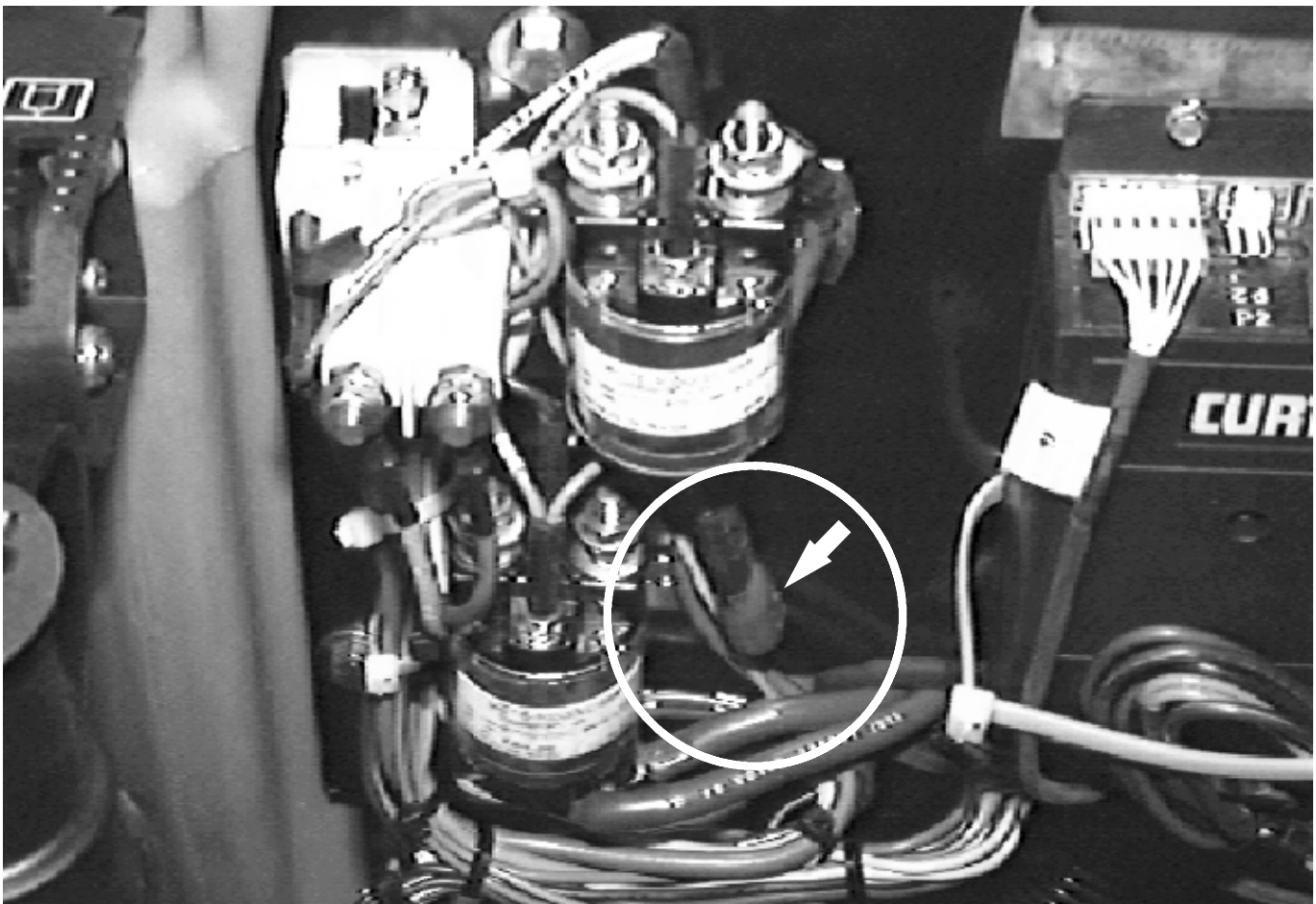


FIG. 2 - Main Power Contactor

3. The machine may already be equipped with a larger red device part # 222707, if so, remove and discard it.
4. Plug the new part # 222707 into the connector with **four** wires where the old red electrical device was removed.
5. Position the the new part # 222707 up and out of the way of any pinch points.

6. Pivot the instrument panel assembly back to the electrical panel. Reinstall the two M8 hex screws and tighten. (Refer to FIG. 3)

NOTE: Make sure all the wires are out of the way of any pinch points when pivoting the instrument panel back into position.

7. Reconnect the battery cable to the rear battery. (Refer to FIG. 1)

8. Lower the solution tank and operate the machine, checking for proper machine operation.

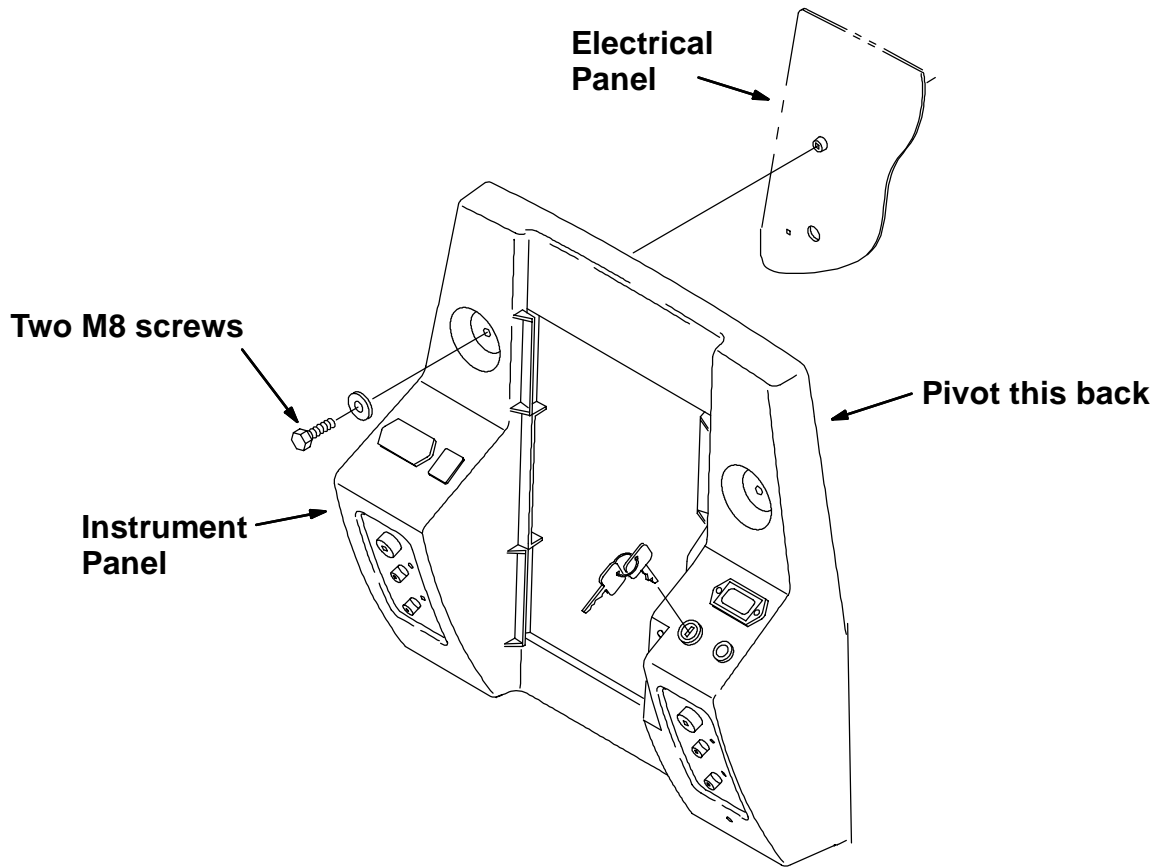


FIG. 3 - Instrument Panel And Circuit Breakers

BILL OF MATERIALS FOR DIODE REPLACEMENT KIT 222743

Ref.	TENNANT Part No.	Description	Qty.
1	222707	Diode assembly	1

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