



# INSTRUCTION BULLETIN

No. 340638  
Machine: 8300  
Published: 3-03  
Rev. 00

**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 387657**

## DESCRIPTION:

This kit contains the parts needed to install new diode/harness kit on the model 8300 sweeper/scrubber.

Please follow step-by-step instructions.

## SPECIAL TOOLS / CONSIDERATIONS: None

(Estimated time to complete: 1 hour)

## PREPARATION:

1. Park machine on a clean, level work surface.

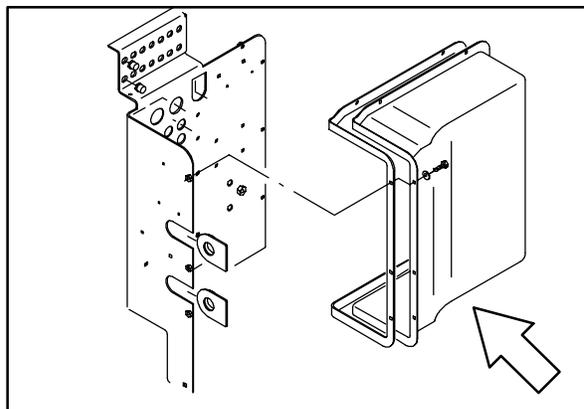
**FOR SAFETY: Before leaving or servicing machine, stop on level surface and set parking brake. Then turn off machine and remove key.**

2. Disconnect battery connector from machine.



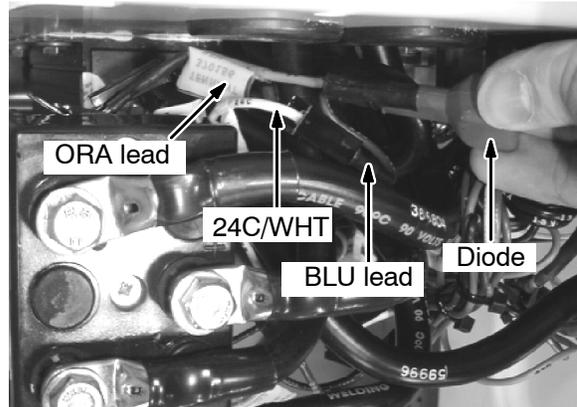
**WARNING: Always disconnect battery cables from machine before working on electrical components.**

3. Open the top cover and side door.
4. Remove and set aside detergent tank 386163 (option) if equipped.
5. Remove and set aside electrical contactor cover.

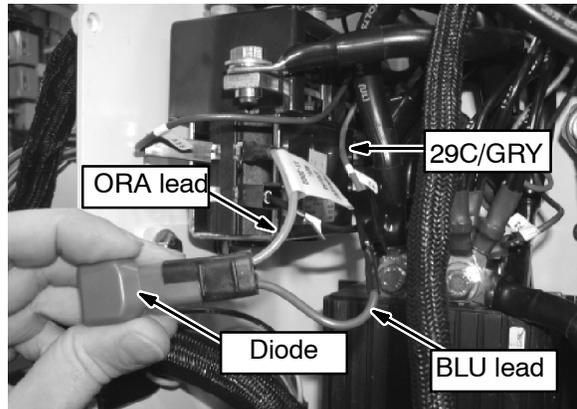


## DIODE INSTALLATION:

1. Remove and set aside the two forward/reverse contactor mounting bolts.
2. Connect red diodes 222290 to each diode harness 370156.
3. Disconnect positive forward coil wire 24C/WHT from the contactor. Connect 24C/WHT to BLU on one diode harness 370156. Connect ORA wire of diode harness to the positive side of the forward contactor coil (where WHT wire used to be connected).



4. Disconnect positive reverse coil wire 29C/GRY from the contactor. Connect 29C/GRY to BLU on remaining diode harness 370156. Connect ORA wire of diode harness to the positive side of the reverse contactor coil (where GRY wire used to be connected).



5. Secure contactor back in position with set aside mounting bolts.
6. Reconnect the battery cables to the machine.
7. Reconnect the battery connectors to the machine, and check the machine for proper operation.

### BILL OF MATERIALS FOR 200 AMP CONTACTOR KIT 387643

Ref.	TENNANT Part No.	Description	Qty.
1	222290	Diode, ele, plug	2
2	370156	Harness, switch, key, diode	2

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