



INSTRUCTION BULLETIN

No. 340100
Machine: 515 515SS
Published: 12-97/00
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 370157

SYNOPSIS / PROBLEM:

This kit contains the parts needed to install a key switch diode kit on the model 515/515SS sweeper/scrubber. This diode kit will protect the key switch from electrical damage. Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: None

(Estimated time to complete: .5 hours)

INSTALLATION:

(Refer to FIG. 1 and 2)

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 machine cover.
2. Disconnect battery cables from machine.



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

3. Locate the key switch on the dash panel. (Refer to FIG. 1 and 2)
4. Remove the 36G/BLU wire from the back of the key switch. (Refer to FIG. 1 and 2)
5. Connect the 36G/BLU wire to the BLUE wire on the new diode harness (2).
(Refer to FIG. 1 and 2)
6. Connect the ORANGE wire of the diode harness (2) to the run position terminal (where 36G/BLU was) on the key switch. (Refer to FIG. 1 and 2)
7. Plug the new diode (1) into the new diode harness (2). (Refer to FIG. 1 and 2)
8. Connect the machine batteries.
9. Start the machine and check the key switch for proper operation.

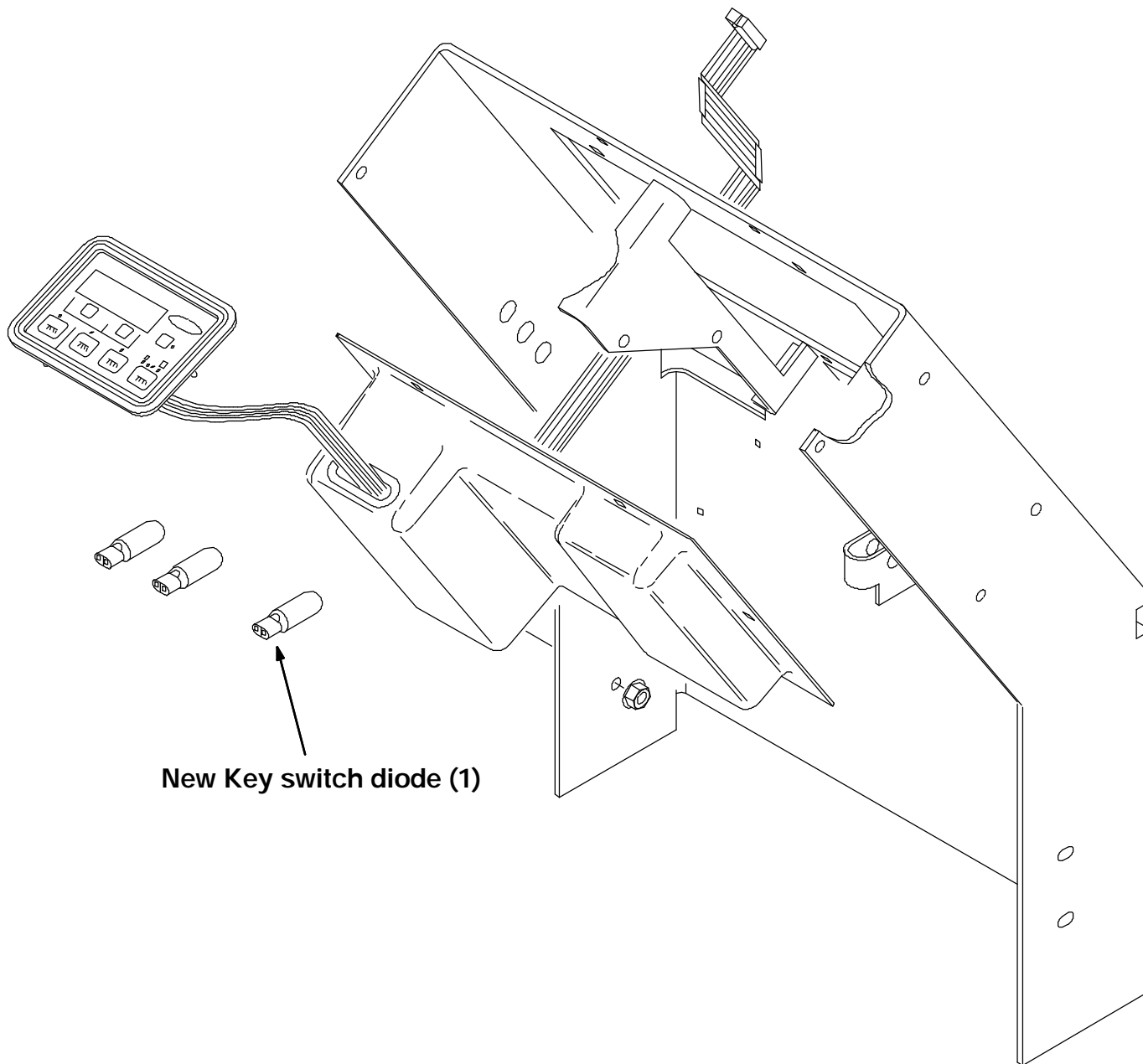


FIG. 1 - Diode Assembly

BILL OF MATERIALS FOR KEY SWITCH DIODE KIT 370157

Ref.	TENNANT Part No.	Description	Qty.
1	222290	Diode assembly	1
2	370156	Diode wire harness	1

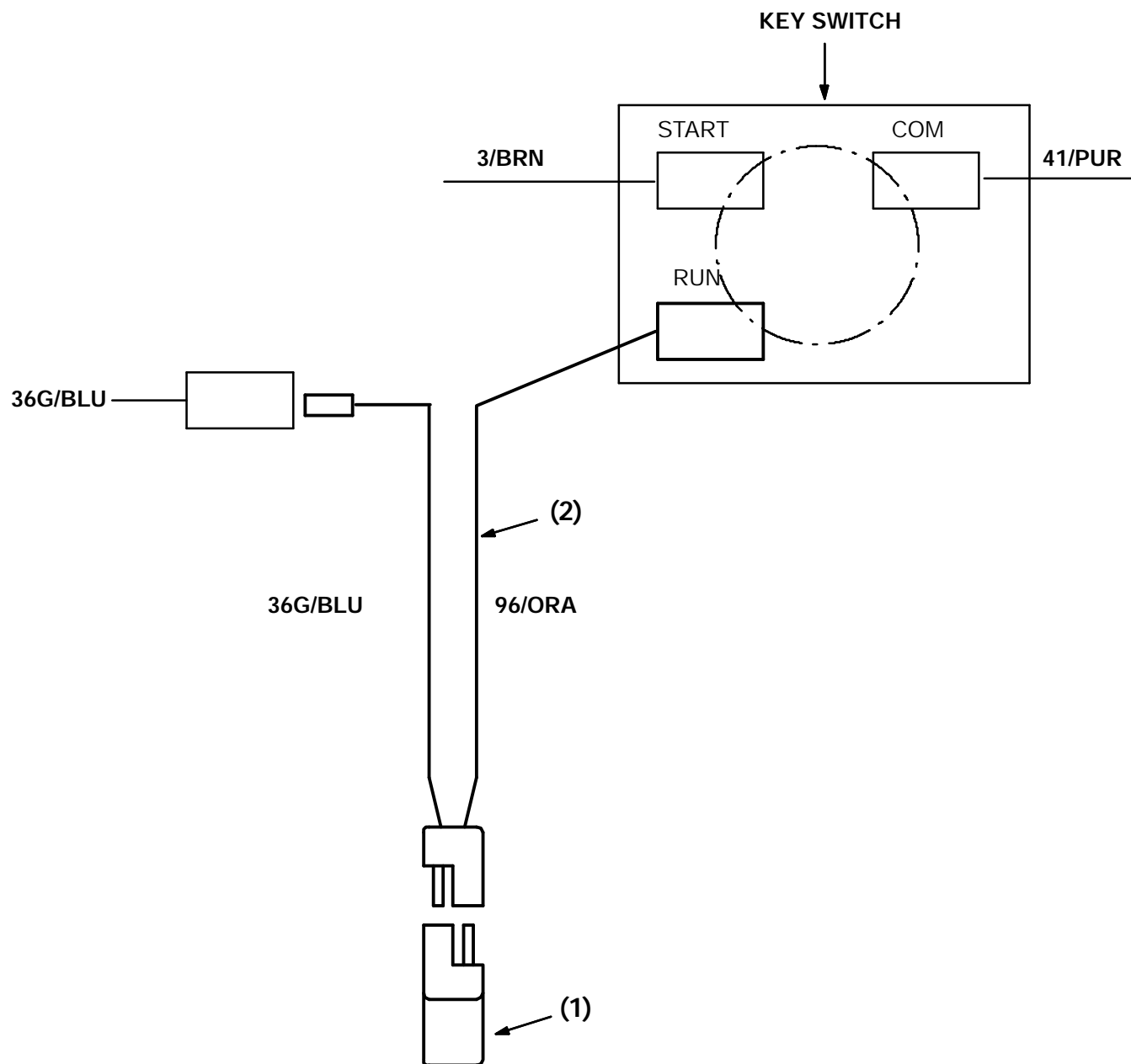


FIG. 2 - New Diode And New Harness

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