TENNANT

INSTRUCTION BULLETIN

No. 340885
Machine: S30 XP / X4
Published: 02–2008
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 9004513**

SYNOPSIS:

This kit contains the parts needed to replace the instrument panel on S30 XP / S30 X4 machines. Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 1 hour)

*NOTE: Record hours from the hour meter before removing the old control panel from the machine. The new panel assembly (1) is set to zero hours. Tennant Service Representatives please call Business Administrative Associate (**NOT** Warranty).*

NOTE: If custom settings are used (ask operator/customer), record settings before removing the panel assembly from the machine. Machine defaults back to factory settings after panel assembly is replaced. The settings must be changed back to custom settings if custom settings are used. Consult the Tennant Technical Support Group for instructions how to access, read, and reset custom settings.

PREPARATION:

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

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

2. Disconnect the negative terminal from the battery.

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

3. Remove the hardware holding the panel assembly to the dash. Set the hardware aside. Refer to Fig. 1.

FIG. 1

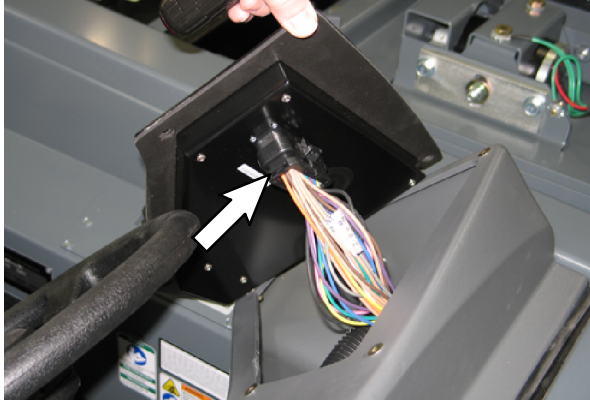4. Disconnect the main wire harness from the panel assembly. Refer to Fig. 2.

FIG. 2

INSTALLATION:

NOTE: Connect one end of ground strap (2) to ground and wrap other end around wrist before handling the new panel assembly (2) in the following two steps.

1. Connect the main wire harness to the new panel assembly (1). Refer to Fig. 2.

2. Use the set aside hardware to install the new panel assembly (1) onto the dash. Refer to Fig. 1.

3. Reconnect the negative terminal to the battery.

NOTE: Refer to Step 4 and Step 5 to reconfigure the panel assembly (1).

4. To enter configuration mode: Simultaneously press and hold the 4/5 button (A) and Side Brush button (B) and turn the ignition switch to the on position (without starting machine). Hold both buttons for 5 seconds, and then release them. Refer to Fig. 3.
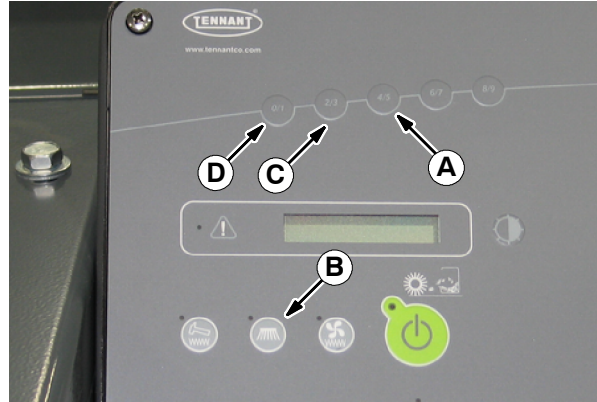

FIG. 3

5. To select configuration: Use the 2/3 button (C) to scroll to the proper mode and then use the 0/1 (D) button to select the applicable mode. Refer to Fig. 3.

NOTE: If custom settings are used (ask operator/customer), record settings before removing the panel assembly from the machine. Machine defaults back to factory settings after panel assembly is replaced. Default settings must be changed back to custom settings if custom settings are used. Consult the Tennant Technical Support Group for instructions how to read and reset custom settings.

6. Start and test the machine. Verify the machine operates properly.

Bill of Materials for Panel Kit, Instmt, Replmt [S30] – 9004513

Ref.	Tennant Part No.	Description	Qty.
▽	9004513	Panel Kit, Instmt, Replmt [S30]	1
▲ 1	1030902	Panel Assy, Instmt [S30]	1
▲ 2	27964	Strap, Ground, Static, Disposable	1

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