

Release Date:
March 10, 2021

Technical Service Bulletin



MODEL(S) AFFECTED: **Tennant T350 and Nobles Speed Scrub 350 Stand-On Rider Scrubber**
North America models manufactured after serial numbers: T350-11003112 (January 26, 2021),
Nobles SS350-11003183 (January 27, 2021)

SUBJECT: To simplify redesign efforts on the UI and scrub circuit boards, Tennant has eliminated preset zone 3 on the Pro-Membrane model.

PURPOSE: Because Zone 3 did not have a dedicated button, shown below, and had to be accessed and programmed by using zone buttons 1 & 2 to create zone 3, this change is not expected to significantly impact Tennant customers.

NOTES: With the redesigned circuit boards, new service kits were developed to support both past and present Pro-Membrane and Pro-Panel models (See details below). New kit availability estimated mid-April.

Information from operator manual

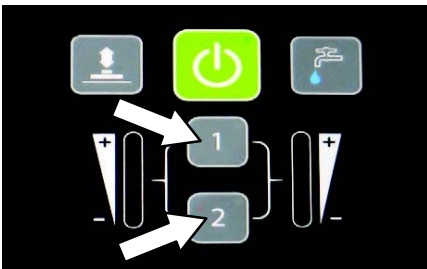
PRESET ZONE CONTROL BUTTONS

Note: Zone 3 is only available on machines built before serial number 11003113.

Use the zone control buttons to preset up to three zones with different solution flow rates, brush pressures, scrub speeds and scrub modes.

Zone 1 = Preset Zone Control Button 1
Zone 2 = Preset Zone Control Button 2
Zone 3 = Preset Zone Control Buttons 1 & 2

The zone control buttons are factory preset for different scrubbing applications. To use Zone 3, press zone buttons 1 & 2 at the same time. A green LED in the corner will turn on when activated.



To preset the zone control buttons for different scrubbing applications, select the desired settings from list below, then press and hold the zone button until the green LED blinks three times to save preset. To preset zone 3, press and hold zone buttons 1 & 2 at the same time.

- Brush pressure setting
- Solution flow rate
- Quiet-Mode on or off
- ec-H2O system on or off (option)
- Severe Environment mode on or off (option)
- Maximum scrub speed

New Pro-Membrane Model Circuit Board Service Kits:

1. **9021345 - Control Kit, Membrane, CI** (Replaces Kit 9040204)
This new kit is used to replace a defective UI board or membrane panel on a standard machine (w/o telemetry) for both past and present models.
2. **9021346 - Control Kit, Membrane, Telem, CI** (Replaces Kit 9040085)
This new kit is used to replace a defective UI board or membrane panel on a telemetry machine for both past and present models.
This new kit is also used to upgrade a standard machine with telemetry technology for past and present models.
3. **9021347 - Board Kit, Scrub, Memb, Telem, CI** (Replaces Kit 9016809)
This new kit is used to replace defective Scrub board on a telemetry machine built before S/N T350-11003113, SS350-11003184.
4. **9040084 - Board Kit, Scrub, Std, CI**
This existing scrub board kit used for all standard pro-membrane and pro-panel models (past and present) is now also used for Telemetry models built after S/N T350-11003112, SS350-11003183.

NOTE: When replacing a defective UI board or membrane panel on a machine built before S/N T350-11003113, SS350-11003184, the machine will be reduced from three to two preset zones.

New Pro-Panel (LCD) Model Circuit Board Service Kits:

NOTE: Zone presets were not affected on pro-panel models.

1. **9021348 - Control Kit, Pro-Panel, CI** (Replaces Kit 9040205)
This new kit is used to replace a defective UI board or pro-panel on a standard machine (w/o telemetry) for both past and present models.
2. **9021349 - Control Kit, Pro-Panel, Telem, CI** (Replaces Kit 9040085)
This new kit is used to replace a defective UI board or membrane panel on a telemetry machine for both past and present models.
This new kit is also used to upgrade a standard machine with telemetry technology for past and present models.
3. **9021350 - Board Kit, Sch, Pro-Panel, Telem, CI** (Replaces Kit 9016809)
This new kit is used to replace defective Scrub board on a telemetry machine built before S/N T350-11003113, SS350-11003184.
4. **9040084 - Board Kit, Scrub, Std, CI**
This existing scrub board kit used for all standard pro-membrane and pro-panel models (past and present) is now also used for Telemetry models built after S/N T350-11003112, SS350-11003183.