TENNANT

INSTRUCTION BULLETIN

No. 9010088
Machine: See Below
Published: 10‑2015
Rev. 02

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.

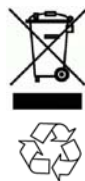Installation instructions for **kit number 9010086**

SYNOPSIS:

This kit contains the parts needed to replace telemetry module on 5680, 5700, 6100E, 6200E, M20, T20, M30, 8300, S20E, S20, S30, SS5, T5, T5E, T7, SSR, T12, T16, and T17 machines. Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 45 minutes)

The IRIS (telemetry module) must be activated to complete this installation. The module will not function until it is activated. Call local IRIS expert for assistance activating the module after all telemetry components have been installed. Have machine serial number and IRIS module SIM number (located on back of IRIS control box assembly) ready when calling for activation.

PROTECT THE ENVIRONMENT

Please dispose of packaging materials, used machine components such as batteries and fluids in an environmentally safe way according to local waste disposal regulations.

Always remember to recycle.

TROUBLESHOOTING:

1. Prior to replacing the telemetry control box, call local IRIS specialist to troubleshoot the telemetry control box and confirm it needs to be replaced.

2. Proceed with the instructions in this IB to replace the telemetry module only if troubleshooting indicates there is a problem with the telemetry module.

PREPARATION:

1. Park the machine on a clean level surface, turn off the machine, remove the key, and set the parking brake (if equipped).

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

2. **Gas** / **LP** / **Diesel Machines:** Disconnect the battery cables from the battery.

   Battery Machines: Disconnect the battery cable from the machine.

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

INSTALLATION:

1. Disconnect the main wire harness and antenna cable from the existing telemetry module on the machine. (Fig. 1)
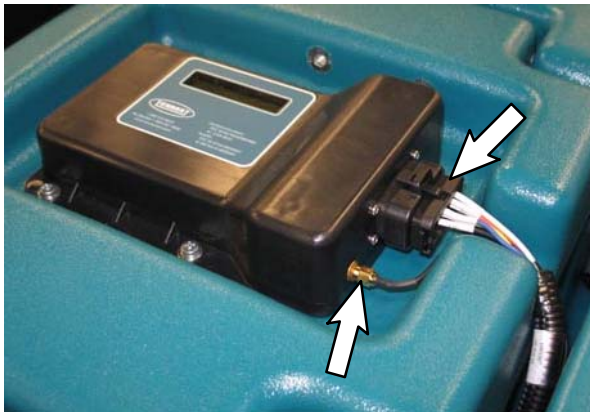

FIG. 1

2. Remove the telemetry module from the machine. Set the hardware and telemetry module aside. Refer to applicable installation Instruction Bulletins (IB) and Parts Manuals for telemetry module locations.

NOTE: Do not discard the removed telemetry module until after the new telemetry module (1) is installed on the machine and fully operational.

3. Remove the additional SIM label from the back of the control box (1) and set label aside in a safe place. The number on the SIM label will be needed for activating the machine. (Fig. 2)
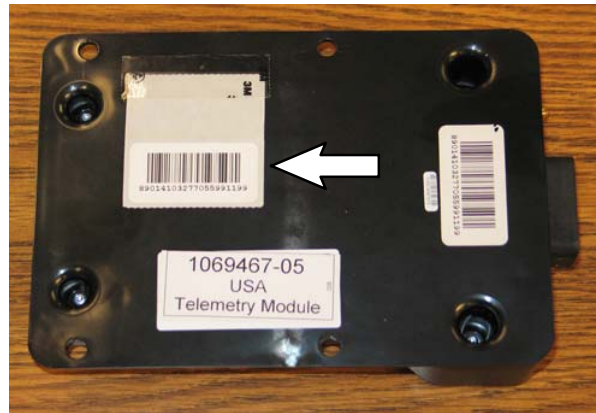

FIG. 2

4. Use saved hardware to install the new telemetry module (1) onto the machine.

5. Connect the telemetry harness and antenna cable to the telemetry module (1). (Fig. 1)

6. Reconnect the battery cables to the battery / reconnect the battery cable to the machine.

7. **Gas** / **LP** / **Diesel Machines:** Turn the key to the ON position, but do not start the machine.

   Battery Machines: Turn the key to the ON position.

8. Complete the repair order. Select **Failed to Report - Faulty Module** from the **Symptom Search** pull down menu. Include the machine model number and serial number. (Fig. 3)
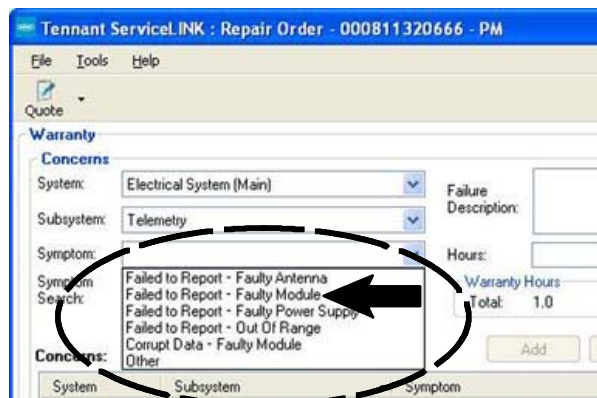

FIG. 3

9. **EMEA Customer Locations:** Activate the IRIS (telemetry module): Call local IRIS expert for assistance to activate the module. The IRIS telemetry system must be activated to complete this install. Have the machine serial number and IRIS module SIM number ready when calling for activation.

   North America Customer Locations: Activate the IRIS (telemetry module): Call Technical Support (between hours of 7:00 am and 5:00 pm CST) for assistance to activate the module. The IRIS telemetry system must be activated to complete this install. Have machine serial number and IRIS module SIM number ready when calling for activation.

   Australia Customer Locations: Activate the IRIS (telemetry module): Call CCC (between hours of 8:00 am and 5:00 pm AEST) and ask to be routed to the IRIS expert for assistance to activate the module. The IRIS telemetry system must be activated to complete this install. Have machine serial number and IRIS module SIM number ready when calling for activation.

NOTE: The IRIS (telemetry module) must be activated to complete this installation. The module will not function until it is activated. Call for assistance activating the module after all telemetry components have been installed.

Bill of Materials for Control Box Assy Kit, Rplmt, Telem [Intl] - 9010086

Ref.	Tennant Part No.	Description	Qty.
1	1070541	Control Box Assy, Telem [3G, Intl.]	1

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