



Technical Service Bulletin

**MODEL(S)
AFFECTED:**

Tennant 6600 - Serial numbers 025000 and above (Only 1.6 GM Gasoline and LPG machines equipped with IMPCO/Spectrum engine management systems)

SUBJECT:

The wire harness on IMPCO/Spectrum controlled machines should not be attached to the ENGINE OIL PRESSURE LIGHT. Only machines equipped with the ZEEMS engine management system (serial numbers below 025000) or diesel engines have the wire harness attached to the ENGINE OIL PRESSURE LIGHT.

If the oil pressure is low, the CHECK ENGINE LIGHT will light up and the engine will only operate at idle. A DTC (Diagnostic Trouble Code) 115 engine code should be stored in the ECU memory when error codes are scanned.

If the unused engine oil pressure wires 8A/GRY and 27C/PUR from the main wire harness are mistakenly connected to the ENGINE OIL PRESSURE LIGHT on IMPCO/Spectrum controlled machines, false error codes for the MAP sensor and the engine governor will be stored in the ECU, the CHECK ENGINE LIGHT will flash indicating there is a fault code stored in the ECU, and the engine will only operate at idle.

PURPOSE:

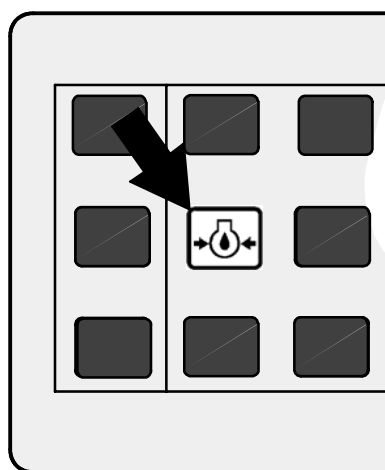
If servicing a 6600 machine above serial number 025000 equipped with the IMPCO/Spectrum engine management system, ensure the 8/GRY and 27/PUR wires from the main wire harness are not attached to the ENGINE OIL PRESSURE LIGHT.

NOTES:

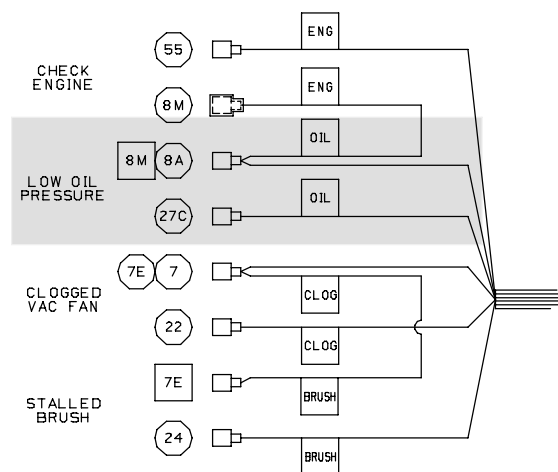
1. Observe the back of the instrument panel. The 8A/GRY and 27C/PUR wires from the main wire harness should not be connected to the ENGINE OIL PRESSURE LIGHT. Refer to Fig. 1 and Fig. 2.
2. If the 8A/GRY and 27C/PUR wires are connected to the ENGINE OIL PRESSURE LIGHT, disconnect the wires from the light, tape the wires to prevent them from grounding, and use tape or a cable tie to secure the wires back to the harness.

Questions, contact the Tennant Customer Service Department at (800) 553-8033 or (763) 513-2850.

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



**Location of Engine Oil
Pressure Light**



Harness Diagram

The 8A/GRY and 27C/PUR wires from the main wire harness **must not** be connected to the Engine Oil Pressure Light. Refer to Fig. 2 for a schematic.

FIG. 1

