

Service Letter

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Bulletin: 40003
Date: 10 March 2009 Revised (10-12)
Product: Compressors
Subject: Zenith harness connectors - Inlet heater

MODEL	SERIAL NUMBER
7/120	658500 → and above
7/170	658500 → and above
9/110	658500 → and above
10/105	658500 → and above
14/85	658500 → and above
10/125	658500 → and above
14/115	658500 → and above
WW600	702800 → and above

APPLY'S TO:

All Tier 3 John Deere powered Zenith platform compressors are involved up to production date 11-02-2009.

PROBLEM DESCRIPTION:

Two connectors which should have been connected to the engine wiring harness have been erroneously left disconnected and secured to the compressor harness.

This will leave the engine intake heater inoperable.

INSTRUCTION:



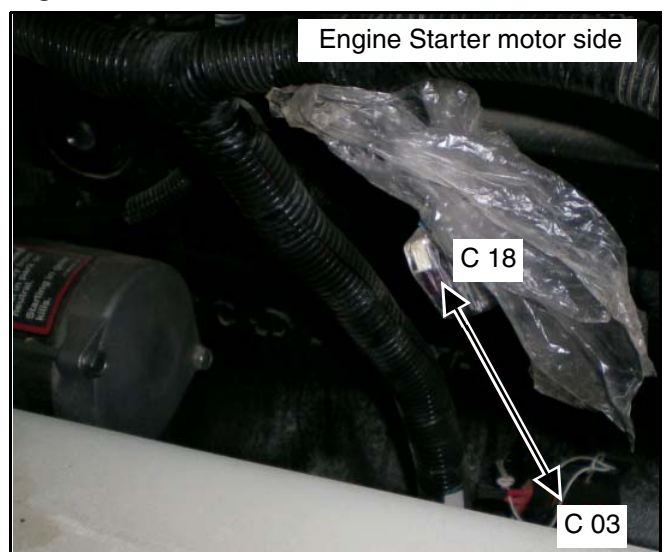
WARNING

Isolate battery connection to avoid inadvertent startup of the compressor while carrying out maintenance work.

W-2059-0598

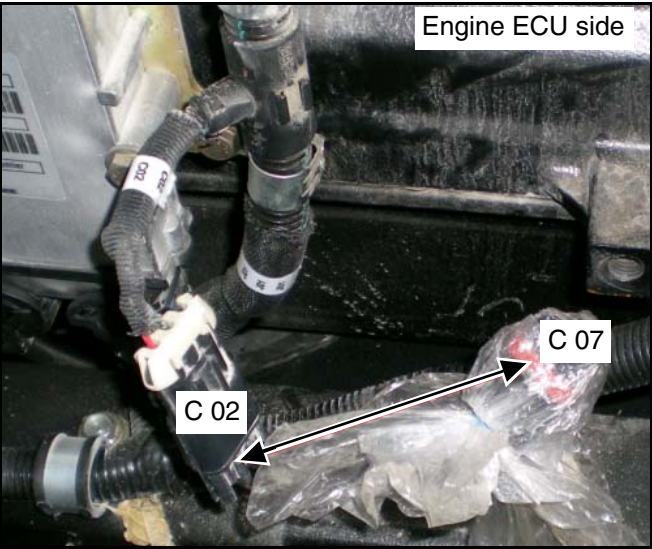
- Disconnect battery.
- Remove blanking plug from engine harness connectors C02 and C 03.
- Remove plastic bags from compressor harness connectors C18 and C07.
- Clean all connectors with dielectric spray.
- Plug connector C18 into connector C03. [Figure 1]

Figure 1



- Plug connector C07 into connector C02. **[Figure 2]**

Figure 2



- Reconnect battery.
- Test engine intake heater operation.

Note:

When testing heater operation be aware that heater activation is entirely controlled by the engine ecm.

Should fuel temperature be above the threshold then the heater will not be powered on.

IMPORTANT INFORMATION:

Standard warranty conditions apply.

Use this failure code when entering the claim in Tavant.
EE-497-0370-0000-BB

OEM ENGINES - AIR HEATER SPECIFICATIONS.

Note:

Preheat time has an additional 5 seconds after the light turns off.

AIR HEATER OPERATIONS CONDITIONS		
	AIR HEATER OPERATION	
FUEL TEMP.	PREHEAT TIME	REHEAT TIME
-20°C (-4°F)	30 sec	20 sec
-15°C (-4°F)	20 sec	20 sec
-10°C (-4°F)	15 sec	15 sec
-5°C (-4°F)	10 sec	10 sec
-0°C (-4°F)	0 sec	0 sec