

Service Letter

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Bulletin: 40005
Date: 07 April 2009 Revised (10-12)
Product: Compressors
Subject: John Deere Diagnostic Tool

COMPRESSORS AFFECTED:

MODELS
7-120 / 9-110 / 10-105 / 14-85 / 14-115 / 10-125 / 7-170 / P425 / XP375 / HP350

GENERAL INFORMATION:

This release concerns the basic diagnostic tool for John Deere electronic engines.

PARTS:

DiagnosticTool (Murphy) 46518080 Hardware



NOTE:

This tool can not be used to write data to a new ecm, that is a function which is only available in the service advisor tool which we hope to be able to release in the next 3 months.

DS10141 – PORTABLE POWERVIEW™ DIAGNOSTIC KIT FOR ENGINE DISTRIBUTORS AND DEALERS

Machine Applications: John Deere Electronically Controlled OEM Engines without a diagnostic module.

Need: To allow the operator/technician to view information such as engine parameters and Stored and Active Diagnostic Trouble Codes (DTCs) while troubleshooting electronically controlled engines.

Tool Description: The DS10141 Portable PowerView™ Diagnostic Kit consists of:

PART NUMBER	QUANTITY	DESCRIPTION
DS10141	1	Portable PowerView™ Diagnostic Kit
DS10142	1	PV Kit Wiring Harness
RE533087	1	PV-101 Diagnostic Gauge
N/A	1	Momentary NC Pushbutton Power Switch
N/A	1	Connector Terminal
N/A	1	Storage/Carrying Case
OMRG37807	1	Operator's Manual

* The kit is compatible with both 12V and 24V systems.

- PV-101 Diagnostic Gauge



LARGE GRAPHICAL LCD SCREEN

- Ultra bright caution (amber) and shutdown (red) LED's
- Plain text error/fault codes
- Multiple dimming options
- Readable in bright light and at wide angles

PROXIMITY ACTIVATION TECHNOLOGY

- Ease of use – works even with gloves
- No buttons to break
- Totally sealed unit

COMPLETE CAN OUTPUT

- Displays all CAN values being broadcast by engine
- Includes all temperature, pressure, voltages, percent load, plus Stored and Active Diagnostic Trouble Codes (DTC's)
- Allows for display of a single parameter or four parameters at one time
- Provides display of wait-to-start information for glow plugs and air intake heaters (if applicable)

COMPATIBILITY WITH BOTH 12V AND 24V SYSTEMS

MULTIPLE LANGUAGE OPTIONS (ENGLISH, SPANISH, FRENCH, GERMAN, AND ITALIAN)



- **Storage/Carrying Case** – Heavy-duty watertight storage/carrying case with waterproof o-ring seal, automatic pressure equalization valve, and easy open double-throw latches.



- **PV Kit Wiring Harness** – Long wiring harness with 9-pin Diagnostic Connector and screw-on connector terminal.
- **Momentary NC Pushbutton Power Switch** – Provides capability to clear fault codes.



NOTE: An Operator's Manual with parts list and step-by-step operating instructions is provided with the Portable PowerView Diagnostic kit. This manual is in English only. To get operating instructions in other languages, refer to OEM Engine Operator's Manuals as listed below:

- OMRG36853 (Spanish)
- OMRG36854 (French)
- OMRG36855 (German)
- OMRG36856 (Italian)
- OMRG36861 (Portuguese)