

1 8 49-12



## Service Information Bulletin

SUBJECT	DATE
SPN 3873/FMI 3 and 4	August 2012

### Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0084	GHG14 DD Platform	SPN 3873/FMI 3	These are new GHG14 engine sections.
		SPN 3873/FMI 4	



13400 Outer Drive, West, Detroit, Michigan 48239-4001  
 Telephone: 313-592-5000  
[www.demanddetroit.com](http://www.demanddetroit.com)

## 2 SPN 3873/FMI 3 – GHG14

This diagnostic is typically Analog Output 02 - Failed High on Pin 6 Circuit of the Common Powertrain Controller (CPC4) #3 Connector.

**NOTE:** The CPC4 digital outputs have the same SPN as some Motor Control Module (MCM2.1) faults. DDDL 7.08 SP2 makes the distinction between the MCM2.1 and CPC4 when diagnosing a fault.

1. Turn the ignition ON (Key ON, engine OFF).
2. Connect to DDDL/DDRS 7.08 SP2 or higher.
3. Verify parameters – go to the parameters work window.
4. Verify that the parameters in PGR009 analog outputs are set to the specific component to which this is configured (example: oil pressure lamp).
5. Are the parameters configured correctly?
  - a. Yes; Go to step 6.
  - b. No; configure the parameters properly.
6. Fix the open circuit on pin 6 circuit of the CPC4 #3 connector. For wiring schematic information, refer to Original Equipment Manufacturer (OEM) literature.

### 3 SPN 3873/FMI 4 - GHG14

This diagnostic is typically Analog Output 02 - Failed Low, Indicated by a Short to Ground on Pin 6 Circuit of the Common Powertrain Controller (CPC4) #3 Connector.

**NOTE:** The CPC4 digital outputs have the same SPN as some Motor Control Module (MCM2.1) faults. DDDL 7.08 SP 2 makes the distinction between the MCM2.1 and CPC4 when diagnosing a fault.

1. Turn the ignition ON (Key ON, engine OFF).
2. Connect to DDDL/DDRS 7.08 SP2 or higher.
3. Verify parameters – go to the parameters work window.
4. Verify that the parameters in PGR009 analog outputs are set to the specific component to which this is configured (example: oil pressure lamp).
5. Are the parameters configured correctly?
  - a. Yes; Go to step 6.
  - b. No; configure the parameters properly.
6. Fix the short to ground on pin 6 circuit of the CPC4 #3 connector. For wiring schematic information, refer to Original Equipment Manufacturer (OEM) literature.