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## Service Information Bulletin

SUBJECT	DATE
SPN 520230/FMI 5 (IPPC)(GHG14)	July 2014

### Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0084	DD Platform	SPN 520230/ FMI 5 - GHG14	This is a new diagnostic procedure for a new section.



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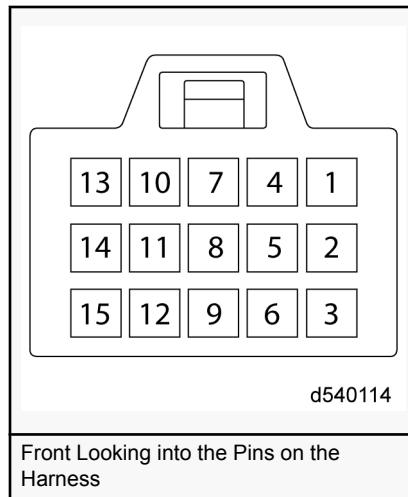
## 2 SPN 520230/FMI 5 - GHG14

PT-CAN open

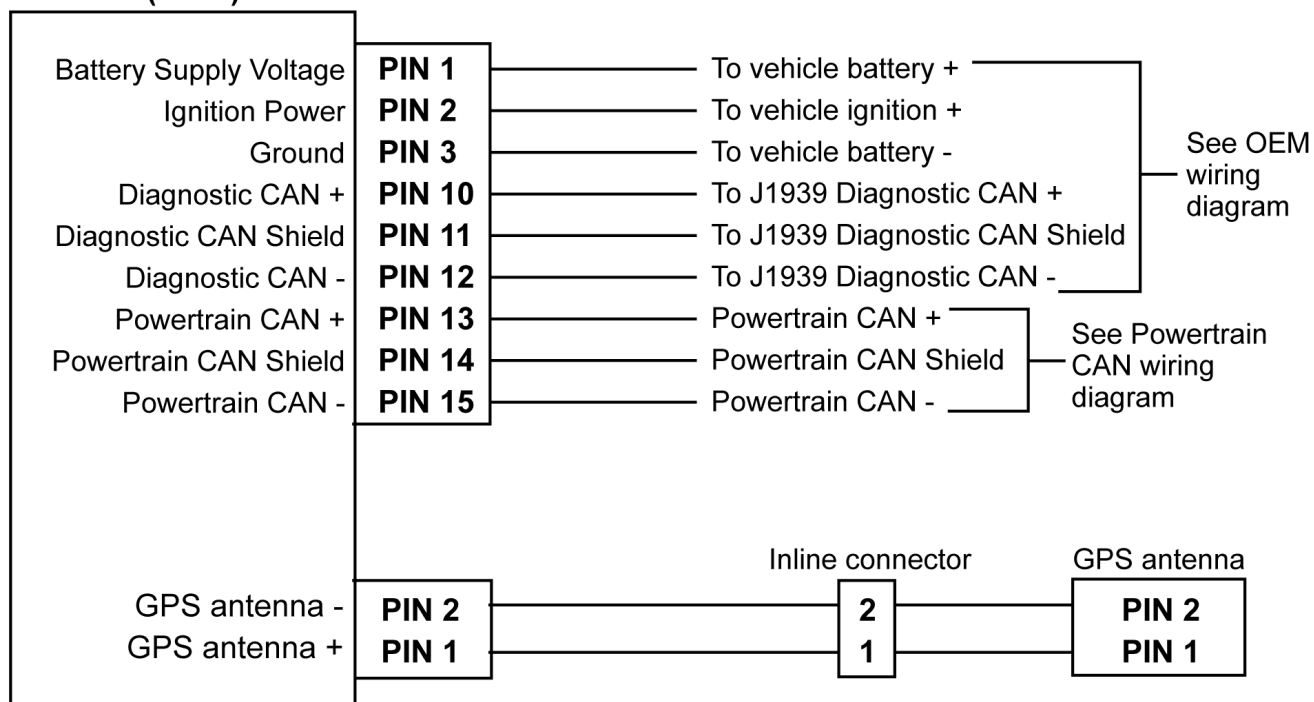
**Table 1.**

SPN 520230/FMI 5	
Description	This fault code sets when the Integrated Predictive Powertrain Control (IPPC) module detects that there is an open in the powertrain CAN circuit.
Monitored Parameter	PT CAN
Typical Enabling Conditions	Ignition on
Monitor Sequence	Always
Execution Frequency	Always
Typical Duration	2 seconds
Dash Lamps	None
Engine Reaction	None
Verification	Ignition on

**Table 2.**

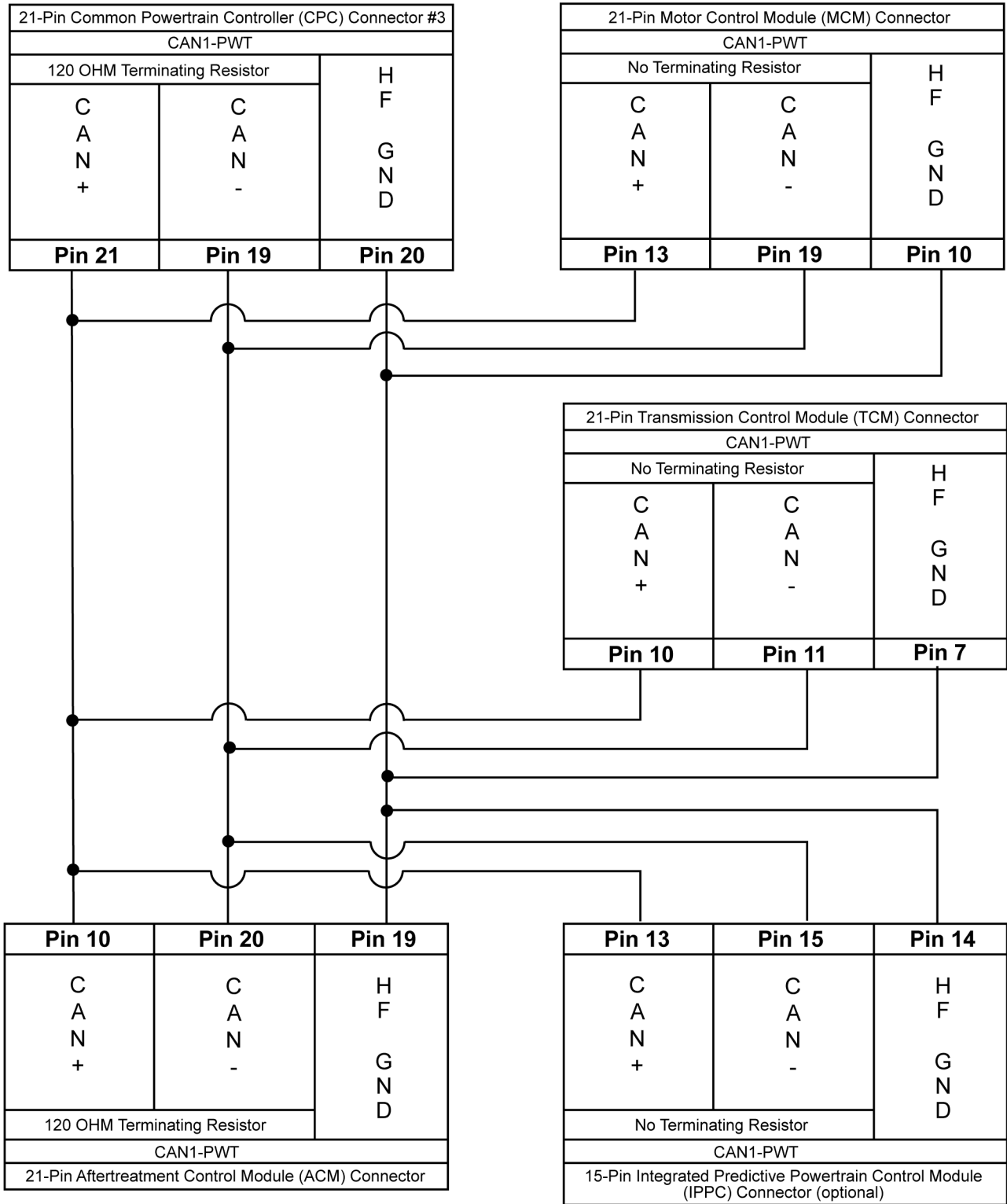


## Integrated Predictive Powertrain Control (IPPC) Module



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## GHG14 POWERTRAIN CONTROLLER AREA NETWORK WIRING HARNESS SCHEMATIC



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Check as follows:

1. Connect DiagnosticLink<sup>®</sup>.
2. Turn the ignition ON, (key ON, engine OFF).
3. Check for fault codes in the other modules. Are there any powertrain CAN fault codes also present in the other modules?
  - a. Yes; diagnose the other fault codes first. Refer to section "SPN 625/FMI 9 – EPA10 - GHG14".
  - b. No; Go to step 4.
4. Turn the ignition OFF.
5. Disconnect and inspect the IPPC 15-pin connector. Are there any spread or damaged pins?
  - a. Yes; repair as necessary. Verify repair.
  - b. No; Go to step 6.
6. Measure the resistance between pin 13 and pin 15 of the IPPC electrical connector, harness side. Is the resistance 120 ohms?
  - a. Yes; refer to Original Equipment Manufacturer (OEM) literature and replace the IPPC module.
  - b. No; repair the Powertrain CAN circuit. Verify repair.