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Service Information Bulletin

SUBJECT	DATE
SPN 520229/FMI 3 (IPPC) (GHG14)	July 2014

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0084	GHG14 DD Platform	SPN 520229/FMI 3 - GHG14	This is a new section.



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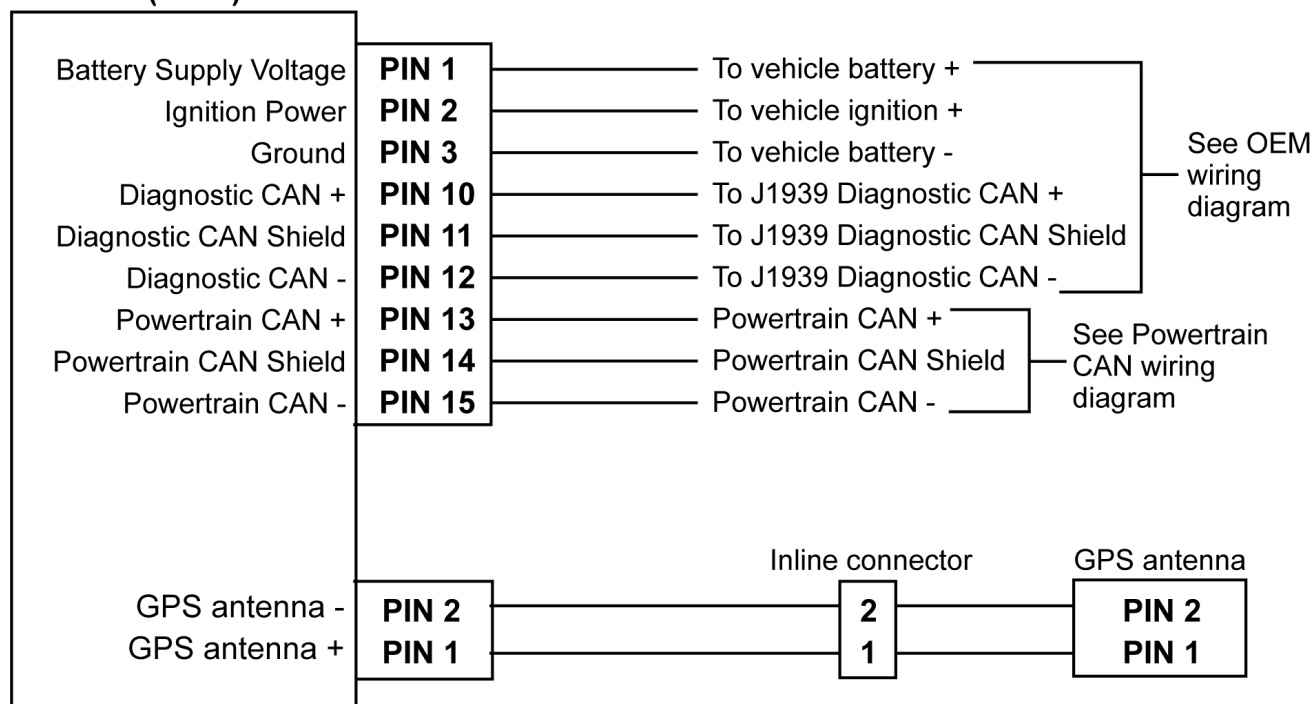
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Ignition Status Not Plausible

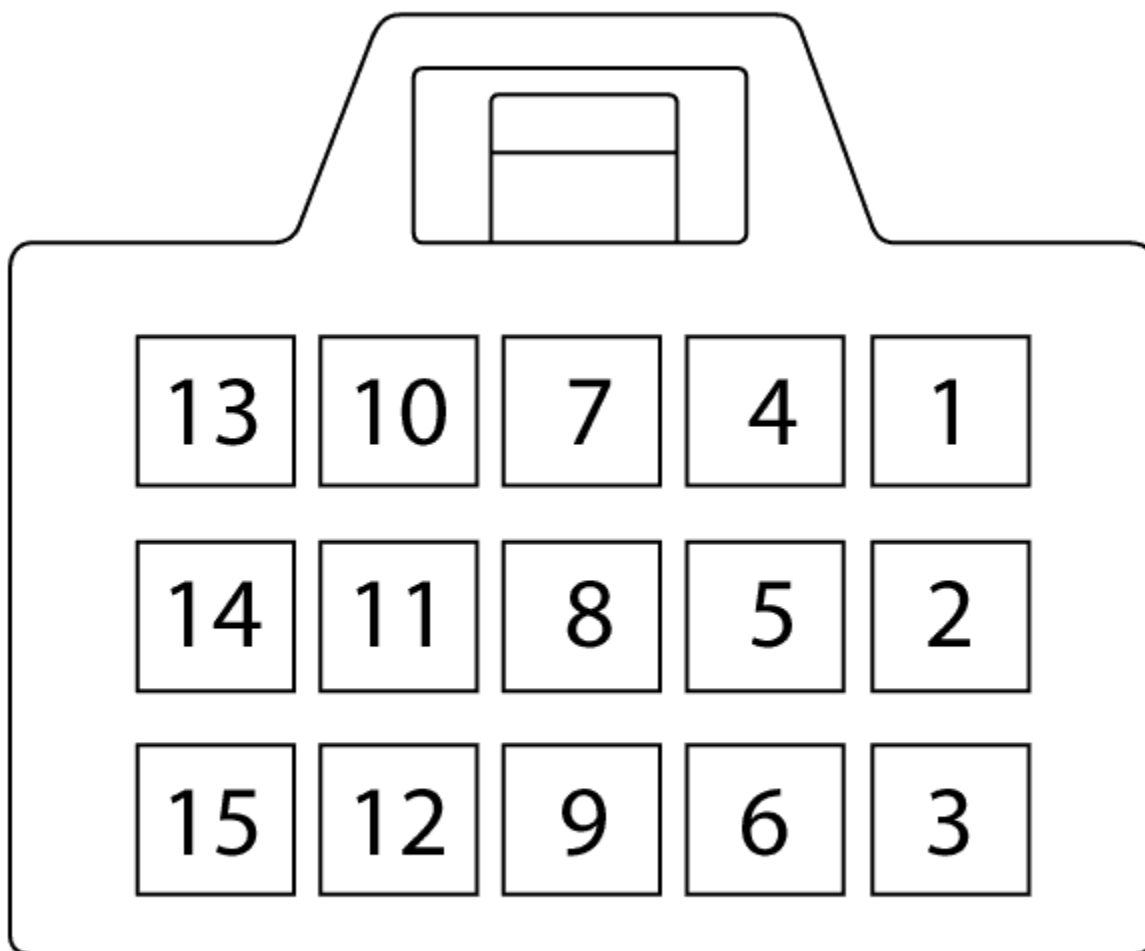
Table 1.

SPN 520229/FMI 3	
Description	This Fault Code Sets When The Ignition Power To The Integrated Predictive Powertrain Control (IPPC) Module does not match the ignition status in the Common Powertrain Controller (CPC).
Monitored Parameter	Ignition Power
Typical Enabling Conditions	Ignition On
Monitor Sequence	Always
Execution Frequency	Always
Typical Duration	2 Seconds
Dash Lamps	None
Engine Reaction	None
Verification	Key ON Engine OFF

Integrated Predictive Powertrain Control (IPPC) Module



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Check as follows:

1. Disconnect the Integrated Predictive Powertrain Control (IPPC) electrical connector.
2. Turn the ignition ON (key ON, engine OFF).
3. Measure the voltage between pin 2 of the IPPC 15-pin connector, harness side and ground. Is the voltage between 10.5 volts and 12.5 volts?
 - a. Yes; replace the IPPC module. Refer to Original Equipment Manufacturer (OEM) literature. Verify repair.
 - b. No; repair the ignition power circuit. Refer to the OEM literature for the IPPC wiring diagrams.