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Service Information Bulletin

SUBJECT	DATE
SPN 1592/FMI 13 and 19– GHG14	January 2013

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0084	GHG 14 DD Platform	SPN 1592/FMI 13 – GHG14	This is new information.
DDC-SVC-MAN-0084	GHG 14 DD Platform	SPN 1592/FMI 19 – GHG14	This is new information.

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2 SPN 1592/FMI 13 - GHG14

This diagnostic is typically J1939 HRW (High Resolution Wheel Speed) Wheel Speed Signal Missing.

1. Connect DDDL/DDRS 7.08 SP2 or higher.
2. Check for multiple codes:
   a. If Common Powertrain Controller (CPC4) SPN 168/FMI (any) (battery voltage) (Charging System) faults are present, troubleshoot these first.
   b. If Controller Area Network (CAN) line faults SPN 625/FMI (any) are present, repair the Controller Area Network (CAN) line faults.
   c. If only a J1939 Error fault is present, Go to step 3.
3. Has the Common Powertrain Controller (CPC4) been recently reprogrammed?
   a. Yes; ensure the parameters are configured correctly for the vehicle application; refer to the Application and Installation Manual for the correct parameter configuration, if configuration is correct, refer to Original Equipment Manufacturer (OEM) material for J1939 troubleshooting for the affected module.
   b. No; Go to step 4.
4. Turn the ignition OFF (key OFF, engine OFF) and disconnect DDDL/DDRS, Wait five minutes for all modules to power down.
5. Turn ignition ON (key ON, engine OFF).
6. Reconnect DDDL/DDRS 7.08 SP2 or higher. Are fault codes active?
   a. Yes; Refer to section "SPN 625/FMI 9 – EPA10 - GHG14" for further PT CAN troubleshooting.
   b. No; clear faults codes and release vehicle.

3 SPN 1592/FMI 19 – GHG14

This diagnostic is typically J1939 HRW (High Resolution Wheel Speed) Wheel Speed Signal Erroneous.

1. Connect DDDL/DDRS 7.08 SP2 or higher.
2. Check for multiple codes:
   a. If Common Powertrain Controller (CPC4) SPN 168/FMI (any) (battery voltage) (Charging System) faults are present, troubleshoot these first.
   b. If Controller Area Network (CAN) line faults SPN 625/FMI (any) are present, repair the Controller Area Network (CAN) line faults.
   c. If only a J1939 Error fault is present, Go to step 3.
3. Has the Common Powertrain Controller (CPC4) been recently reprogrammed?
   a. Yes; ensure the parameters are configured correctly for the vehicle application; refer to the Application and Installation Manual for the correct parameter configuration, if configuration is correct, refer to Original Equipment Manufacturer (OEM) material for J1939 troubleshooting for the affected module.
   b. No; Go to step 4.
4. Turn the ignition OFF (key OFF, engine OFF) and disconnect DDDL/DDRS, Wait five minutes for all modules to power down.
5. Turn ignition ON (key ON, engine OFF).
6. Reconnect DDDL/DDRS 7.08 SP2 or higher. Are fault codes active?
   a. Yes; Refer to section "SPN 625/FMI 9 – EPA10 - GHG14" for further PT CAN troubleshooting.
   b. No; clear faults codes and release vehicle.

