

231.3 SPN 973/FMI 19 - EPA07 - EPA10 - GHG14

Engine Retarder Selection Signal is Erratic

1. Check for multiple codes:
 - 1.a If Common Powertrain Controller (CPC) SPN 168/FMI 0/14/18 (battery voltage) are present troubleshoot these first.
 - 1.b If Motor Control Module (MCM) SPN 625/FMI 9 is present, troubleshoot and repair the Controller Area Network (CAN) line.
 - 1.c If only a J1939 Error fault is present, [Go to step 2.](#)
2. Has the CPC been recently reprogrammed?
 - 2.a If yes, check the proper configuration of the CPC.
 - 2.b If no, connect DiagnosticLink® to determine which chassis modules are configured for the vehicle and their communication status. Once this is done, follow the appropriate module communication troubleshooting procedures for the affected module.