
SPN 973 (CPC) (EPA07;EPA10;GHG14)

231.1 SPN 973/FMI 9 - EPA07 - EPA10 - GHG14

J1939 Electronic Brake Controller (EBC1) (Engine Brake Switches) is Missing

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 SPN 973/FMI 9 is present, [Go to step 2.](#)
2. Has the CPC been recently reprogrammed?
 - 2.a If yes, ensure the CPC Group PGR001 parameter EBC1 Source Address SAE J1939 is configured properly: 33 = non multiplex switches, 49 = multiplex switches.
 - 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.