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Cummins Generator Fault Codes List Pdf

Here's an expanded table including Cummins generator fault codes along with their causes and troubleshooting steps:

Fault Code	Sensor/System Affected	Possible Causes	Troubleshooting Steps
111	Engine Control Module (ECM)	ECM malfunction, wiring issues, software errors	Check ECM for error codes, inspect wiring and connections, update or reprogram ECM software, replace ECM if necessary
121	Crankshaft Position Sensor	Sensor failure, timing issues, wiring problems	Inspect the sensor for damage, verify engine timing, check wiring and connections, replace sensor if needed
234	Throttle Position Sensor	Sensor malfunction, wiring issues, mechanical issues	Inspect the sensor for damage, check throttle linkage, verify wiring and connections, replace sensor if necessary

456	Camshaft Position Sensor	Sensor failure, timing issues, wiring problems	Inspect the sensor for damage, verify engine timing, check wiring and connections, replace sensor if needed
781	Intake Manifold Air Temperature Sensor	Sensor malfunction, wiring issues, environmental factors	Inspect the sensor for damage, check wiring and connections, replace sensor if necessary
1001	Oil Temperature Sensor	Sensor malfunction, oil quality issues, wiring problems	Check the sensor for damage, verify oil quality and levels, inspect wiring and connections, replace sensor if needed
1211	Exhaust Gas Temperature Sensor	Sensor failure, exhaust system issues, wiring problems	Inspect the sensor for damage, check for blockages or leaks in the exhaust system, verify wiring, replace sensor if necessary
1448	Coolant Temperature Sensor	Sensor malfunction, coolant issues, wiring problems	Check the sensor for damage, verify coolant levels and cleanliness, inspect wiring, replace sensor if needed
1312	Intake Manifold Pressure Sensor	Sensor failure, blockages or leaks, wiring issues	Inspect the sensor, check for blockages or leaks in the intake system, verify wiring, replace sensor if necessary

1464	Fuel Pressure Sensor	Sensor malfunction, fuel system issues, wiring problems	Check the sensor for damage, examine the fuel system for blockages or leaks, verify wiring, replace sensor if needed
1845	Turbocharger Speed Sensor	Sensor issues, turbocharger problems, wiring defects	Inspect the sensor for damage, check the turbocharger, examine wiring, replace sensor if necessary
2676	Crankcase Pressure Sensor	Sensor failure, pressure imbalance, wiring issues	Inspect the sensor for damage, check for blockages or leaks in the crankcase, verify wiring, replace sensor if necessary
2972	Exhaust Gas Pressure Sensor	Sensor failure, blockages, wiring problems	Examine the sensor, check for blockages in the exhaust system, verify wiring, replace sensor if needed
2545	Engine Oil Pressure Sensor	Sensor malfunction, oil system issues, wiring problems	Inspect the sensor for damage, verify oil levels and cleanliness, check for blockages in the oil system, verify wiring, replace sensor if needed
3232	Battery Voltage Sensor	Sensor malfunction, battery issues, wiring problems	Inspect the sensor for damage, check battery voltage and connections, verify wiring, replace sensor if necessary

4343	Engine Speed Sensor	Sensor failure, mechanical issues, wiring problems	Inspect the sensor for damage, verify engine speed readings, check wiring and connections, replace sensor if needed
5211	Ambient Air Temperature Sensor	Sensor malfunction, environmental factors, wiring issues	Inspect the sensor for damage, verify sensor location for accurate readings, check wiring and connections, replace sensor if necessary
6132	NOx Sensor	Sensor failure, exhaust system issues, wiring problems	Inspect the sensor for damage, check for blockages or leaks in the exhaust system, verify wiring, replace sensor if necessary
7312	DEF Quality Sensor	Sensor malfunction, DEF contamination, wiring issues	Inspect the sensor for damage, check DEF quality and levels, verify wiring and connections, replace sensor if necessary