

SAE Diagnostic Trouble Codes and Cummins Fault Codes

SAE J1939 SPN	SAE J1939 FMI	Lamp Color	MIL Lamp Status	J1939 SPN/FMI Description	Fault Code	Cummins Description	2013 ISX15	2013 ISX12	2013 ISL9	2013 ISB6.7
167	18	Amber	None	Charging System Potential (Voltage) Data Valid But Below Normal Operating Range - Moderately Severe Level	597	Electrical Charging System Voltage - Data Valid But Below Normal Operating Range - Moderately Severe Level	X	X	X	X
168	16	Amber	None	Battery Potential/ Power Input 1 Data Valid But Above Normal Operating Range - Moderately Severe Level	442	Battery 1 Voltage - Data Valid But Above Normal Operating Range - Moderately Severe Level	X	X	X	X
168	17	Amber	Solid	Battery Potential/ Power Input 1 Data Valid But Below Normal Operating Range - Least Severe Level	3724	Battery 1 Voltage - Data Valid But Below Normal Operating Range - Least Severe Level	X	X		
168	18	Amber	None	Battery Potential/ Power Input 1 Data Valid But Below Normal Operating Range - Moderately Severe Level	441	Battery 1 Voltage - Data Valid But Below Normal Operating Range - Moderately Severe Level	X	X	X	X
171	2	None	Solid	Ambient Air Temperature Data Erratic, Intermittent Or Incorrect	2398	Ambient Air Temperature - Data erratic, intermittent or incorrect	X	X	X	X
171	3	None	Solid	Ambient Air Temperature Voltage Above Normal, Or Shorted To High Source	249	Ambient Air Temperature Sensor 1 Circuit - Voltage above normal, or shorted to high source	X	X	X	X
171	4	None	Solid	Ambient Air Temperature Voltage Below Normal, Or Shorted To Low Source	256	Ambient Air Temperature Sensor 1 Circuit - Voltage below normal, or shorted to low source	X	X	X	X
171	9	Amber	Solid	Ambient Air Temperature Abnormal Update Rate	3531	Ambient Air Temperature - Abnormal update rate			X	X
171	19	Amber	None	Ambient Air Temperature Received Network Data In Error	3532	Ambient Air Temperature - Received Network Data In Error			X	X
173	18	Amber	Solid	Engine Exhaust Gas Temperature Data Valid But Below Normal Operating Range - Moderately Severe Level	4611	Engine Exhaust Gas Temperature - Data Valid But Below Normal Operating Range - Moderately Severe Level				X
174	2	Amber	Solid	Engine Fuel Temperature 1 Data Erratic, Intermittent Or Incorrect	535	Engine Fuel Temperature - Data erratic, intermittent or incorrect	X	X		
175	0	Red	None	Engine Oil Temperature 1 Data Valid But Above Normal Operational Range - Most Severe Level	214	Engine Oil Temperature - Data valid but above normal operational range - Most Severe Level	X	X		
175	2	None	Solid	Engine Oil Temperature 1 Data Erratic, Intermittent Or Incorrect	425	Engine Oil Temperature - Data erratic, intermittent or incorrect	X	X		