

## CAT C13, C15, and C18 Tier 4 Final Engine Fault Codes

J1939 Code and Description	CDL Code and Description
N/A	<b>486-3</b> Engine Fan Reverse Switch : Voltage Above Normal
N/A	<b>486-4</b> Engine Fan Reverse Switch : Voltage Below Normal
N/A	<b>544-2</b> Engine Cooling Fan Speed Sensor : Erratic, Intermittent, or Incorrect
N/A	<b>544-8</b> Engine Cooling Fan Speed Sensor : Abnormal Frequency, Pulse Width, or Period
N/A	<b>1076-5</b> Engine Cooling Fan Bypass Solenoid : Current Below Normal
N/A	<b>1076-6</b> Engine Cooling Fan Bypass Solenoid : Current Above Normal
N/A	<b>1937-2</b> Engine Coolant Flow Switch : Erratic, Intermittent, or Incorrect
<b>29-2</b> Accelerator Pedal Position 2 : Erratic, Intermittent, or Incorrect	<b>774-2</b> Secondary Throttle Position Sensor: Erratic, Intermittent, or Incorrect
<b>29-3</b> Accelerator Pedal Position 2 : Voltage Above Normal	<b>774-3</b> Secondary Throttle Position Sensor: Voltage Above Normal
<b>29-4</b> Accelerator Pedal Position 2 : Voltage Below Normal	<b>774-4</b> Secondary Throttle Position Sensor: Voltage Below Normal
<b>29-8</b> Accelerator Pedal Position 2 : Abnormal Frequency, Pulse Width, or Period	<b>774-8</b> Secondary Throttle Position Sensor: Abnormal Frequency, Pulse Width, or Period
<b>91-2</b> Accelerator Pedal Position 1 : Erratic, Intermittent, or Incorrect	<b>91-2</b> Throttle Position Sensor : Erratic, Intermittent, or Incorrect
<b>91-3</b> Accelerator Pedal Position 1 : Voltage Above Normal	<b>91-3</b> Throttle Position Sensor : Voltage Above Normal
<b>91-4</b> Accelerator Pedal Position 1 : Voltage Below Normal	<b>91-4</b> Throttle Position Sensor : Voltage Below Normal
<b>91-8</b> Accelerator Pedal Position 1 : Abnormal Frequency, Pulse Width, or Period	<b>91-8</b> Throttle Position Sensor : Abnormal Frequency, Pulse Width, or Period
<b>97-3</b> Water In Fuel Indicator : Voltage Above Normal	<b>3547-3</b> Water in Fuel System Switch : Voltage Above Normal
<b>100-3</b> Engine Oil Pressure : Voltage Above Normal	<b>100-3</b> Engine Oil Pressure Sensor : Voltage Above Normal
<b>100-4</b> Engine Oil Pressure : Voltage Below Normal	<b>100-4</b> Engine Oil Pressure Sensor : Voltage Below Normal
<b>101-3</b> Engine Crankcase Pressure : Voltage Above Normal	<b>101-3</b> Crankcase Air Pressure Sensor : Voltage Above Normal
<b>101-4</b> Engine Crankcase Pressure : Voltage Below Normal	<b>101-4</b> Crankcase Air Pressure Sensor : Voltage Below Normal
<b>101-13</b> Engine Crankcase Pressure : Calibration Required	<b>101-13</b> Crankcase Air Pressure Sensor : Calibration Required
<b>108-3</b> Barometric Pressure : Voltage Above Normal	<b>3528-3</b> Atmospheric Pressure Sensor : Voltage Above Normal
<b>108-4</b> Barometric Pressure : Voltage Below Normal	<b>3528-4</b> Atmospheric Pressure Sensor : Voltage Below Normal

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J1939 Code and Description	CDL Code and Description
<b>108-21</b> Barometric Pressure : Calibration Required	<b>3528 -21</b> Atmospheric Pressure Sensor : Calibration Required
<b>109-3</b> Engine Coolant Pressure : Voltage Above Normal	<b>2302-3</b> Engine Coolant Pump Outlet Pressure Sensor : Voltage Above Normal
<b>109-4</b> Engine Coolant Pressure : Voltage Below Normal	<b>2302-4</b> Engine Coolant Pump Outlet Pressure Sensor : Voltage Below Normal
<b>110-3</b> Engine Coolant Temperature : Voltage Above Normal	<b>110-3</b> Engine Coolant Temperature Sensor : Voltage Above Normal
<b>110-4</b> Engine Coolant Temperature : Voltage Below Normal	<b>110-4</b> Engine Coolant Temperature Sensor : Voltage Below Normal
<b>157-3</b> Engine Injector Metering Rail #1 Pressure : Voltage Above Normal	<b>1797-3</b> Fuel Rail Pressure Sensor : Voltage Above Normal
<b>157-4</b> Engine Injector Metering Rail #1 Pressure : Voltage Below Normal	<b>1797-4</b> Fuel Rail Pressure Sensor : Voltage Below Normal
<b>168-3</b> Battery Potential / Power Input 1 : Voltage Above Normal	<b>168-3</b> Electrical System Voltage : Voltage Above Normal
<b>168-4</b> Battery Potential / Power Input 1 : Voltage Below Normal	<b>168-4</b> Electrical System Voltage : Voltage Below Normal
<b>171-3</b> Ambient Air Temperature : Voltage Above Normal	<b>171-3</b> Ambient Air Temperature Sensor : Voltage Above Normal
<b>171-4</b> Ambient Air Temperature : Voltage Below Normal	<b>171-4</b> Ambient Air Temperature Sensor : Voltage Below Normal
<b>172-3</b> Engine Air Inlet Temperature : Voltage Above Normal	<b>2526-3</b> Air Inlet Temperature Sensor : Voltage Above Normal
<b>172-4</b> Engine Air Inlet Temperature : Voltage Below Normal	<b>2526-4</b> Air Inlet Temperature Sensor : Voltage Below Normal
<b>174-3</b> Engine Fuel Temperature 1 : Voltage Above Normal	<b>174-3</b> Fuel Temperature Sensor : Voltage Above Normal
<b>174-4</b> Engine Fuel Temperature 1 : Voltage Below Normal	<b>174-4</b> Fuel Temperature Sensor : Voltage Below Normal
<b>175-3</b> Engine Oil Temperature 1 : Voltage Above Normal	<b>175-3</b> Engine Oil Temperature 1 : Voltage Above Normal
<b>175-4</b> Engine Oil Temperature 1 : Voltage Below Normal	<b>175-4</b> Engine Oil Temperature 1 : Voltage Below Normal
<b>190-8</b> Engine Speed : Abnormal Frequency, Pulse Width, or Period	<b>190-8</b> Engine Speed Sensor : Abnormal Frequency, Pulse Width, or Period
<b>411-3</b> Engine Exhaust Gas Recirculation Differential Pressure : Voltage Above Normal	<b>3387-3</b> EGR Differential Pressure Sensor : Voltage Above Normal
<b>411-4</b> Engine Exhaust Gas Recirculation Differential Pressure : Voltage Below Normal	<b>3387-4</b> EGR Differential Pressure Sensor : Voltage Below Normal
<b>411-13</b> Engine Exhaust Gas Recirculation Differential Pressure : Calibration Required	<b>3387-13</b> EGR Differential Pressure Sensor : Calibration Required

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J1939 Code and Description	CDL Code and Description
<b>412-3</b> Engine Exhaust Gas Recirculation Temperature : Voltage Above Normal	<b>3386-3</b> EGR Temperature Sensor : Voltage Above Normal
<b>412-4</b> Engine Exhaust Gas Recirculation Temperature : Voltage Below Normal	<b>3386-4</b> EGR Temperature Sensor : Voltage Below Normal
<b>441-3</b> Auxiliary Temperature #1 : Voltage Above Normal	<b>1836-3</b> Auxiliary Temperature Sensor : Voltage Above Normal
<b>441-4</b> Auxiliary Temperature #1 : Voltage Below Normal	<b>1836-4</b> Auxiliary Temperature Sensor : Voltage Below Normal
<b>442-3</b> Auxiliary Temperature #2 : Voltage Above Normal	<b>3683-3</b> Auxiliary Temperature Sensor #2 : Voltage Above Normal
<b>442-4</b> Auxiliary Temperature #2 : Voltage Below Normal	<b>3683-4</b> Auxiliary Temperature Sensor #2 : Voltage Below Normal
<b>597-3</b> Brake Switch : Voltage Above Normal	<b>298-3</b> Service Brake Pedal Switch : Voltage Above Normal
<b>597-4</b> Brake Switch : Voltage Below Normal	<b>298-4</b> Service Brake Pedal Switch : Voltage Below Normal
<b>625-14</b> Proprietary Data Link : Special Instruction	<b>246-14</b> Proprietary CAN Data Link: Special Instruction
<b>626-5</b> Engine Start Enable Device 1 : Current Below Normal	<b>2417-5</b> Ether Injection Control Solenoid : Current Below Normal
<b>626-6</b> Engine Start Enable Device 1 : Current Above Normal	<b>2417-6</b> Ether Injection Control Solenoid : Current Above Normal
<b>630-2</b> Calibration Memory : Erratic, Intermittent, or Incorrect	<b>268-2</b> Programmed Parameter Fault : Erratic, Intermittent, or Incorrect
<b>631-2</b> Calibration Module : Erratic, Intermittent, or Incorrect	<b>253-2</b> Personality Module : Erratic, Intermittent, or Incorrect
<b>637-11</b> Engine Timing Sensor : Other Failure Mode	<b>261-11</b> Engine Timing Offset fault
<b>637-13</b> Engine Timing Sensor : Calibration Required	<b>261-13</b> Engine Timing Calibration : Calibration Required
<b>639-9</b> J1939 Network #1 : Abnormal Update Rate	<b>247-9</b> SAE J1939 Data Link : Abnormal Update Rate
<b>639-14</b> J1939 Network #1 : Special Instruction	<b>247-14</b> SAE J1939 Data Link : Special Instruction
<b>651-5</b> Engine Injector Cylinder #01 : Current Below Normal	<b>1-5</b> Cylinder #1 Injector : Current Below Normal
<b>651-6</b> Engine Injector Cylinder #01 : Current Above Normal	<b>1-6</b> Cylinder #1 Injector : Current Above Normal
<b>652-5</b> Engine Injector Cylinder #02 : Current Below Normal	<b>2-5</b> Cylinder #2 Injector : Current Below Normal
<b>652-6</b> Engine Injector Cylinder #02 : Current Above Normal	<b>2-6</b> Cylinder #2 Injector : Current Above Normal
<b>653-5</b> Engine Injector Cylinder #03 : Current Below Normal	<b>3-5</b> Cylinder #3 Injector : Current Below Normal
<b>653-6</b> Engine Injector Cylinder #03 : Current Above Normal	<b>3-6</b> Cylinder #3 Injector : Current Above Normal

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J1939 Code and Description	CDL Code and Description
<b>654-5</b> Engine Injector Cylinder #04 : Current Below Normal	<b>4-5</b> Cylinder #4 Injector : Current Below Normal
<b>654-6</b> Engine Injector Cylinder #04 : Current Above Normal	<b>4-6</b> Cylinder #4 Injector : Current Above Normal
<b>655-5</b> Engine Injector Cylinder #05 : Current Below Normal	<b>5-5</b> Cylinder #5 Injector : Current Below Normal
<b>655-6</b> Engine Injector Cylinder #05 : Current Above Normal	<b>5-6</b> Cylinder #5 Injector : Current Above Normal
<b>656-5</b> Engine Injector Cylinder #06 : Current Below Normal	<b>6-5</b> Cylinder #6 Injector : Current Below Normal
<b>656-6</b> Engine Injector Cylinder #06 : Current Above Normal	<b>6-6</b> Cylinder #6 Injector : Current Above Normal
<b>677-5</b> Engine Starter Motor Relay : Current Below Normal	<b>444-5</b> Starter Motor Relay : Current Below Normal
<b>677-6</b> Engine Starter Motor Relay : Current Above Normal	<b>444-6</b> Starter Motor Relay : Current Above Normal
<b>678-3</b> ECU 8 Volts DC Supply : Voltage Above Normal	<b>41-3</b> 8 Volt DC Supply : Voltage Above Normal
<b>678-4</b> ECU 8 Volts DC Supply : Voltage Below Normal	<b>41-4</b> 8 Volt DC Supply : Voltage Below Normal
<b>723-8</b> Engine Speed Sensor #2 : Abnormal Frequency, Pulse Width, or Period	<b>342-8</b> Secondary Engine Speed Sensor : Abnormal Frequency, Pulse Width, or Period
<b>1072-5</b> Engine (Compression) Brake Output #1 : Current Below Normal	<b>2533-5</b> Compression Brake Low/High Solenoid #1 : Current Below Normal
<b>1072-6</b> Engine (Compression) Brake Output #1 : Current Above Normal	<b>2533-6</b> Compression Brake Low/High Solenoid #1 : Current Above Normal
<b>1073-5</b> Engine (Compression) Brake Output #2 : Current Below Normal	<b>2535-5</b> Compression Brake Medium/High Solenoid #1 : Current Below Normal
<b>1073-6</b> Engine (Compression) Brake Output #2 : Current Above Normal	<b>2535-6</b> Compression Brake Medium/High Solenoid #1 : Current Above Normal
<b>1074-5</b> Engine (Exhaust) Brake Output : Current Below Normal	<b>2232-5</b> Engine Retarder Solenoid : Current Below Normal
<b>1074-6</b> Engine (Exhaust) Brake Output : Current Above Normal	<b>2232-6</b> Engine Retarder Solenoid : Current Above Normal
<b>1176-3</b> Engine Turbocharger 1 Compressor Inlet Pressure : Voltage Above Normal	<b>2738-3</b> Turbocharger #1 Compressor Inlet Pressure Sensor : Voltage Above Normal
<b>1176-4</b> Engine Turbocharger 1 Compressor Inlet Pressure : Voltage Below Normal	<b>2738-4</b> Turbocharger #1 Compressor Inlet Pressure Sensor : Voltage Below Normal
<b>1231-9</b> J1939 Network #2 : Abnormal Update Rate	<b>2348-9</b> SAE J1939 Data Link #2 : Abnormal Update Rate
<b>1231-14</b> J1939 Network #2 : Special Instruction	<b>2348-14</b> SAE J1939 Data Link #2 : Special Instruction

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<b>1235-9</b> J1939 Network #3 : Abnormal Update Rate	<b>5856-9</b> SAE J1939 Data Link #3:Abnormal Update Rate
<b>1235-14</b> J1939 Network #3 : Special Instruction	<b>5856-14</b> SAE J1939 Data Link #3: Special Instruction
<b>1347-5</b> Engine Fuel Pump Pressurizing Assembly #1 : Current Below Normal	<b>1779-5</b> Fuel Rail #1 Pressure Valve Solenoid : Current Below Normal
<b>1347-6</b> Engine Fuel Pump Pressurizing Assembly #1 : Current Above Normal	<b>1779-6</b> Fuel Rail #1 Pressure Valve Solenoid : Current Above Normal
<b>1348-5</b> Engine Fuel Pump Pressurizing Assembly #2 : Current Below Normal	<b>1780-5</b> Fuel Rail #2 Pressure Valve Solenoid : Current Below Normal
<b>1348-6</b> Engine Fuel Pump Pressurizing Assembly #2 : Current Above Normal	<b>1780-6</b> Fuel Rail #2 Pressure Valve Solenoid : Current Above Normal
<b>1385-3</b> Auxiliary Temperature #1 : Voltage Above Normal	<b>1836-3</b> Auxiliary Temperature Sensor : Voltage Above Normal
<b>1385-4</b> Auxiliary Temperature #1 : Voltage Below Normal	<b>1836-4</b> Auxiliary Temperature Sensor : Voltage Below Normal
<b>1387-3</b> Auxiliary Pressure #1 : Voltage Above Normal	<b>1835-3</b> Auxiliary Pressure Sensor : Voltage Above Normal
<b>1387-4</b> Auxiliary Pressure #1 : Voltage Below Normal	<b>1835-4</b> Auxiliary Pressure Sensor : Voltage Below Normal
<b>1761-3</b> Aftertreatment 1 Diesel Exhaust Fluid Tank Level : Voltage Above Normal	<b>3130-3</b> Aftertreatment #1 SCR Catalyst Reagent Tank #1 Level Sensor : Voltage Above Normal
<b>1761-4</b> Aftertreatment 1 Diesel Exhaust Fluid Tank Level : Voltage Below Normal	<b>3130-4</b> Aftertreatment #1 SCR Catalyst Reagent Tank #1 Level Sensor : Voltage Below Normal
<b>2630-3</b> Engine Charge Air Cooler Outlet Temperature : Voltage Above Normal	<b>3372-3</b> Engine Charge Air Cooler #1 Outlet Temperature Sensor : Voltage Above Normal
<b>2630-4</b> Engine Charge Air Cooler Outlet Temperature : Voltage Below Normal	<b>3372-4</b> Engine Charge Air Cooler #1 Outlet Temperature Sensor : Voltage Below Normal
<b>2791-5</b> Engine Exhaust Gas Recirculation (EGR) Valve Control : Current Below Normal	<b>3405-5</b> EGR Valve Control : Current Below Normal
<b>2791-6</b> Engine Exhaust Gas Recirculation (EGR) Valve Control : Current Above Normal	<b>3405-6</b> EGR Valve Control : Current Above Normal
<b>2813-5</b> Engine Air Shutoff Command Status : Current Below Normal	<b>3239-5</b> Air Shutoff Relay : Current Below Normal
<b>2813-6</b> Engine Air Shutoff Command Status : Current Above Normal	<b>3239-6</b> Air Shutoff Relay : Current Above Normal
<b>2853-9</b> Communications Connection : Abnormal Update Rate	N/A
<b>2948-3</b> Engine Intake Valve Actuation System Oil Pressure : Voltage Above Normal	<b>1924-3</b> Intake Valve Actuation System Oil Pressure Sensor : Voltage Above Normal
<b>2948-4</b> Engine Intake Valve Actuation System Oil Pressure : Voltage Below Normal	<b>1924-4</b> Intake Valve Actuation System Oil Pressure Sensor : Voltage Below Normal

## CAT C13, C15, and C18 Tier 4 Final Engine Fault Codes

J1939 Code and Description	CDL Code and Description
<b>2949-5</b> Engine Intake Valve Actuation System Oil Pressure Control Valve : Current Below Normal	<b>1922-5</b> Intake Valve Actuation System Oil Pressure Solenoid : Current Below Normal
<b>2949-6</b> Engine Intake Valve Actuation System Oil Pressure Control Valve : Current Above Normal	<b>1922-6</b> Intake Valve Actuation System Oil Pressure Solenoid : Current Above Normal
<b>2949-7</b> Engine Intake Valve Actuation System Oil Pressure Control Valve : Not Responding Properly	<b>1922-7</b> Intake Valve Actuation System Oil Pressure Solenoid : Not Responding Properly
<b>2950-5</b> Engine Intake Valve Actuator #1 : Current Below Normal	<b>1901-5</b> Intake Valve Actuator #1 : Current Below Normal
<b>2950-6</b> Engine Intake Valve Actuator #1 : Current Above Normal	<b>1901-6</b> Intake Valve Actuator #1 : Current Above Normal
<b>2950-7</b> Engine Intake Valve Actuator #1 : Not Responding Properly	<b>1901-7</b> Intake Valve Actuator #1 : Not Responding Properly
<b>2951-5</b> Engine Intake Valve Actuator #2 : Current Below Normal	<b>1902-5</b> Intake Valve Actuator #2 : Current Below Normal
<b>2951-6</b> Engine Intake Valve Actuator #2 : Current Above Normal	<b>1902-6</b> Intake Valve Actuator #2 : Current Above Normal
<b>2951-7</b> Engine Intake Valve Actuator #2 : Not Responding Properly	<b>1902-7</b> Intake Valve Actuator #2 : Not Responding Properly
<b>2952-5</b> Engine Intake Valve Actuator #3 : Current Below Normal	<b>1903-5</b> Intake Valve Actuator #3 : Current Below Normal
<b>2952-6</b> Engine Intake Valve Actuator #3 : Current Above Normal	<b>1903-6</b> Intake Valve Actuator #3 : Current Above Normal
<b>2952-7</b> Engine Intake Valve Actuator #3 : Not Responding Properly	<b>1903-7</b> Intake Valve Actuator #3 : Not Responding Properly
<b>2953-5</b> Engine Intake Valve Actuator #4 : Current Below Normal	<b>1904-5</b> Intake Valve Actuator #4 : Current Below Normal
<b>2953-6</b> Engine Intake Valve Actuator #4 : Current Above Normal	<b>1904-6</b> Intake Valve Actuator #4 : Current Above Normal
<b>2953-7</b> Engine Intake Valve Actuator #4 : Not Responding Properly	<b>1904-7</b> Intake Valve Actuator #4 : Not Responding Properly
<b>2954-5</b> Engine Intake Valve Actuator #5 : Current Below Normal	<b>1905-5</b> Intake Valve Actuator #5 : Current Below Normal
<b>2954-6</b> Engine Intake Valve Actuator #5 : Current Above Normal	<b>1905-6</b> Intake Valve Actuator #5 : Current Above Normal
<b>2954-7</b> Engine Intake Valve Actuator #5 : Not Responding Properly	<b>1905-7</b> Intake Valve Actuator #5 : Not Responding Properly
<b>2955-5</b> Engine Intake Valve Actuator #6 : Current Below Normal	<b>1906-5</b> Intake Valve Actuator #6 : Current Below Normal

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J1939 Code and Description	CDL Code and Description
<b>2955-6</b> Engine Intake Valve Actuator #6 : Current Above Normal	<b>1906-6</b> Intake Valve Actuator #6 : Current Above Normal
<b>2955-7</b> Engine Intake Valve Actuator #6 : Not Responding Properly	<b>1906-7</b> Intake Valve Actuator #6 : Not Responding Properly
<b>3031-3</b> Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature : Voltage Above Normal	<b>3134-3</b> Aftertreatment #1 SCR Catalyst Reagent Tank #1 Temperature Sensor : Voltage Above Normal
<b>3031-4</b> Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature : Voltage Below Normal	<b>3134-4</b> Aftertreatment #1 SCR Catalyst Reagent Tank #1 Temperature Sensor : Voltage Below Normal
<b>3516-2</b> Aftertreatment #1 DEF Concentration: Erratic, Intermittent, or Incorrect	<b>3100-2</b> Aftertreatment #1 DEF Concentration: Erratic, Intermittent, or Incorrect
<b>3216-11</b> Aftertreatment #1 Intake NOx : Other Failure Mode	<b>3655-11</b> Aftertreatment #1 Intake NOx Level Sensor : Other Failure Mode
<b>3216-12</b> Aftertreatment #1 Intake NOx : Failure	<b>3655-12</b> Aftertreatment #1 Intake NOx Level Sensor : Failure
<b>3226-11</b> Aftertreatment #1 Outlet NOx : Other Failure Mode	<b>3609-11</b> Aftertreatment #1 Outlet #1 NOx Level Sensor : Other Failure Mode
<b>3226-12</b> Aftertreatment #1 Outlet NOx : Failure	<b>3609-12</b> Aftertreatment #1 Outlet #1 NOx Level Sensor : Failure
<b>3241-3</b> Exhaust Gas Temperature 1 : Voltage Above Normal	<b>3485-3</b> Aftertreatment #1 Exhaust Gas Temperature #1 Sensor : Voltage Above Normal
<b>3241-4</b> Exhaust Gas Temperature 1 : Voltage Below Normal	<b>3485-4</b> Aftertreatment #1 Exhaust Gas Temperature #1 Sensor : Voltage Below Normal
<b>3242-3</b> Particulate Trap Intake Gas Temperature : Voltage Above Normal	<b>2452-3</b> DPF #1 Intake Temperature Sensor : Voltage Above Normal
<b>3242-4</b> Particulate Trap Intake Gas Temperature : Voltage Below Normal	<b>2452-4</b> DPF #1 Intake Temperature Sensor : Voltage Below Normal
<b>3251-2</b> Particulate Trap Differential Pressure : Erratic, Intermittent, or Incorrect	<b>2458-2</b> DPF #1 Differential Pressure Sensor : Erratic, Intermittent, or Incorrect
<b>3251-3</b> Particulate Trap Differential Pressure : Voltage Above Normal	<b>2458-3</b> DPF #1 Differential Pressure Sensor : Voltage Above Normal
<b>3251-4</b> Particulate Trap Differential Pressure : Voltage Below Normal	<b>2458-4</b> DPF #1 Differential Pressure Sensor : Voltage Below Normal
<b>3251-13</b> Particulate Trap Differential Pressure : Out of Calibration	<b>2458-13</b> DPF #1 Differential Pressure Sensor : Out of Calibration
<b>3358-3</b> Engine Exhaust Gas Recirculation Inlet Pressure : Voltage Above Normal	<b>3385-3</b> EGR Intake Pressure Sensor : Voltage Above Normal
<b>3358-4</b> Engine Exhaust Gas Recirculation Inlet Pressure : Voltage Below Normal	<b>3385-4</b> EGR Intake Pressure Sensor : Voltage Below Normal
<b>3358-13</b> Engine Exhaust Gas Recirculation Inlet Pressure : Calibration Required	<b>3385-13</b> EGR Intake Pressure Sensor : Calibration Required

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<b>3358-21</b> Engine Exhaust Gas Recirculation Inlet Pressure : Data Drifted Low	<b>3385-21</b> EGR Intake Pressure Sensor : Data Drifted Low
<b>3360-3</b> Aftertreatment 1 Diesel Exhaust Fluid Controller : Voltage Above Normal	<b>3820-3</b> Aftertreatment #1 Diesel Exhaust Fluid Controller : Voltage Above Normal
<b>3360-4</b> Aftertreatment 1 Diesel Exhaust Fluid Controller : Voltage Below Normal	<b>3820-4</b> Aftertreatment #1 Diesel Exhaust Fluid Controller : Voltage Below Normal
<b>3360-9</b> Aftertreatment #1 DEF Controller : Abnormal Update Rate	<b>3820-9</b> Aftertreatment #1 Diesel Exhaust Fluid Controller : Abnormal Update Rate
<b>3360-12</b> Aftertreatment 1 Diesel Exhaust Fluid Controller : Failure	<b>3820-12</b> Aftertreatment #1 Diesel Exhaust Fluid Controller : Failure
<b>3361-5</b> Catalyst Dosing Unit : Current Below Normal	<b>3821-5</b> Aftertreatment #1 Diesel Exhaust Fluid Dosing Valve Actuator : Current Below Normal
<b>3361-6</b> Catalyst Dosing Unit : Current Above Normal	<b>3821-6</b> Aftertreatment #1 Diesel Exhaust Fluid Dosing Valve Actuator : Current Above Normal
<b>3361-7</b> Catalyst Dosing Unit : Not Responding Properly	<b>3821-7</b> Aftertreatment #1 Diesel Exhaust Fluid Dosing Valve Actuator : Not Responding Properly
<b>3361-11</b> Catalyst Dosing Unit : Other Failure Mode	<b>3821-11</b> Aftertreatment #1 Diesel Exhaust Fluid Dosing Valve Actuator : Other Failure Mode
<b>3361-12</b> Aftertreatment #1 DEF Dosing Unit : Failure	<b>3821-12</b> Aftertreatment #1 DEF Dosing Valve Actuator #1 : Failure
<b>3361-14</b> Catalyst Dosing Unit : Special Instruction	<b>3821-14</b> Aftertreatment #1 Diesel Exhaust Fluid Dosing Valve Actuator : Special Instruction
<b>3363-5</b> Aftertreatment 1 Diesel Exhaust Fluid Tank Heater : Current Below Normal	<b>3126-5</b> Aftertreatment #1 SCR Catalyst Reagent Tank #1 Heater Coolant Diverter Solenoid : Current Below Normal
<b>3363-6</b> Aftertreatment 1 Diesel Exhaust Fluid Tank Heater : Current Above Normal	<b>3126-6</b> Aftertreatment #1 SCR Catalyst Reagent Tank #1 Heater Coolant Diverter Solenoid : Current Above Normal
<b>3363-7</b> Aftertreatment 1 Diesel Exhaust Fluid Tank Heater : Not Responding Properly	<b>3126-7</b> Aftertreatment #1 SCR Catalyst Reagent Tank #1 Heater Coolant Diverter Solenoid : Not Responding Properly
<b>3479-5</b> Aftertreatment #1 Fuel Pressure Control : Current Below Normal	<b>2461-5</b> ARD Fuel Pressure #1 Control : Current Below Normal
<b>3479-6</b> Aftertreatment #1 Fuel Pressure Control : Current Above Normal	<b>2461-6</b> ARD Fuel Pressure #1 Control : Current Above Normal
<b>3480-3</b> Aftertreatment #1 Fuel Pressure #1 : Voltage Above Normal	<b>2460-3</b> ARD Fuel Pressure #1 Sensor : Voltage Above Normal
<b>3480-4</b> Aftertreatment #1 Fuel Pressure #1 : Voltage Below Normal	<b>2460-4</b> ARD Fuel Pressure #1 Sensor : Voltage Below Normal
<b>3484-5</b> Aftertreatment #1 Ignition : Current Below Normal	<b>2465-5</b> Aftertreatment #1 Ignition Transformer Primary : Current Below Normal



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J1939 Code and Description	CDL Code and Description
<b>3484-6</b> Aftertreatment #1 Ignition : Current Above Normal	<b>2465-6</b> Aftertreatment #1 Ignition Transformer Primary : Current Above Normal
<b>3487-5</b> Aftertreatment #1 Air Pressure Control : Current Below Normal	<b>2489-5</b> ARD Air Pressure Control Actuator : Current Below Normal
<b>3487-6</b> Aftertreatment #1 Air Pressure Control : Current Above Normal	<b>2489-6</b> ARD Air Pressure Control Actuator : Current Above Normal
<b>3487-13</b> Aftertreatment #1 Air Pressure Control : Out of Calibration	<b>2489-13</b> ARD Air Pressure Control Actuator : Out of Calibration
<b>3488-3</b> Aftertreatment #1 Air Pressure Actuator Position : Voltage Above Normal	<b>2490-3</b> ARD Air Pressure Control Actuator Position Sensor : Voltage Above Normal
<b>3488-4</b> Aftertreatment #1 Air Pressure Actuator Position : Voltage Below Normal	<b>2490-4</b> ARD Air Pressure Control Actuator Position Sensor : Voltage Below Normal
<b>3509-3</b> Sensor Supply Voltage 1 : Voltage Above Normal	<b>262-3</b> 5 Volt Sensor DC Power Supply : Voltage Above Normal
<b>3509-4</b> Sensor Supply Voltage 1 : Voltage Below Normal	<b>262-4</b> 5 Volt Sensor DC Power Supply : Voltage Below Normal
<b>3510-3</b> Sensor Supply Voltage 2 : Voltage Above Normal	<b>2131-3</b> 5 Volt Sensor DC Power Supply #2 : Voltage Above Normal
<b>3510-4</b> Sensor Supply Voltage 2 : Voltage Below Normal	<b>2131-4</b> 5 Volt Sensor DC Power Supply #2 : Voltage Below Normal
<b>3511-11</b> Sensor Supply Voltage 3 : Other Failure Mode	<b>3482-11</b> Sensor Supply #3 : Other Failure Mode
<b>3516-12</b> Catalyst Reagent Concentration : Failure	<b>3100-12</b> Aftertreatment #1 SCR Catalyst Tank Reagent Quality Sensor : Failure
<b>3563-3</b> Engine Intake Manifold #1 Absolute Pressure : Voltage Above Normal	<b>1785-3</b> Intake Manifold Pressure Sensor : Voltage Above Normal
<b>3563-4</b> Engine Intake Manifold #1 Absolute Pressure : Voltage Below Normal	<b>1785-4</b> Intake Manifold Pressure Sensor : Voltage Below Normal
<b>3563-13</b> Engine Intake Manifold #1 Absolute Pressure : Calibration Required	<b>1785-13</b> Intake Manifold Pressure Sensor : Calibration Required
<b>3563-21</b> Engine Intake Manifold #1 Absolute Pressure : Data Drifted Low	<b>1785-21</b> Intake Manifold Pressure Sensor : Data Drifted Low
<b>3609-3</b> DPF #1 Intake Pressure : Voltage Above Normal	<b>3464-3</b> DPF #1 Intake Pressure Sensor : Voltage Above Normal
<b>3609-4</b> DPF #1 Intake Pressure : Voltage Below Normal	<b>3464-4</b> DPF #1 Intake Pressure Sensor : Voltage Below Normal
<b>3609-13</b> DPF #1 Intake Pressure : Calibration Required	<b>3464-13</b> DPF #1 Intake Pressure Sensor : Calibration Required
<b>3609-21</b> DPF #1 Intake Pressure : Data Drifted Low	<b>3464-21</b> DPF #1 Intake Pressure Sensor : Data Drifted Low
<b>3659-5</b> Engine Injector Cylinder #1 Actuator #2 : Current Below Normal	<b>2602-5</b> Cylinder #1 Injector Actuator #2 : Current Below Normal
<b>3659-6</b> Engine Injector Cylinder #1 Actuator #2 : Current Above Normal	<b>2602-6</b> Cylinder #1 Injector Actuator #2 : Current Above Normal

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J1939 Code and Description	CDL Code and Description
<b>3660-5</b> Engine Injector Cylinder #2 Actuator #2 : Current Below Normal	<b>2604-5</b> Cylinder #2 Injector Actuator #2 : Current Below Normal
<b>3660-6</b> Engine Injector Cylinder #2 Actuator #2 : Current Above Normal	<b>2604-6</b> Cylinder #2 Injector Actuator #2 : Current Above Normal
<b>3661-5</b> Engine Injector Cylinder #3 Actuator #2 : Current Below Normal	<b>2606-5</b> Cylinder #3 Injector Actuator #2 : Current Below Normal
<b>3661-6</b> Engine Injector Cylinder #3 Actuator #2 : Current Above Normal	<b>2606-6</b> Cylinder #3 Injector Actuator #2 : Current Above Normal
<b>3662-5</b> Engine Injector Cylinder #4 Actuator #2 : Current Below Normal	<b>2608-5</b> Cylinder #4 Injector Actuator #2 : Current Below Normal
<b>3662-6</b> Engine Injector Cylinder #4 Actuator #2 : Current Above Normal	<b>2608-6</b> Cylinder #4 Injector Actuator #2 : Current Above Normal
<b>3663-5</b> Engine Injector Cylinder #5 Actuator #2 : Current Below Normal	<b>2610-5</b> Cylinder #5 Injector Actuator #2 : Current Below Normal
<b>3663-6</b> Engine Injector Cylinder #5 Actuator #2 : Current Above Normal	<b>2610-6</b> Cylinder #5 Injector Actuator #2 : Current Above Normal
<b>3664-5</b> Engine Injector Cylinder #6 Actuator #2 : Current Below Normal	<b>2612-5</b> Cylinder #6 Injector Actuator #2 : Current Below Normal
<b>3664-6</b> Engine Injector Cylinder #6 Actuator #2 : Current Above Normal	<b>2612-6</b> Cylinder #6 Injector Actuator #2 : Current Above Normal
<b>3695-2</b> Particulate Trap Regeneration Inhibit Switch : Erratic, Intermittent, or Incorrect	<b>3184-2</b> DPF Regeneration Inhibit Switch : Erratic, Intermittent, or Incorrect
<b>3696-2</b> Particulate Trap Regeneration Force Switch : Erratic, Intermittent, or Incorrect	<b>3183-2</b> DPF Regeneration Force Switch : Erratic, Intermittent, or Incorrect
<b>3697-5</b> Particulate Trap Lamp Command : Current Below Normal	<b>1090-5</b> N/A
<b>3697-6</b> Particulate Trap Lamp Command : Current Above Normal	<b>1090-6</b> N/A
<b>3698-5</b> Exhaust System High Temperature Lamp Command : Current Below Normal	<b>1091-5</b> N/A
<b>3698-6</b> Exhaust System High Temperature Lamp Command : Current Above Normal	<b>1091-6</b> N/A
<b>3837-3</b> Aftertreatment 1 Secondary Air Pressure : Voltage Above Normal	<b>3493-3</b> Aftertreatment #1 Secondary Air Pressure Sensor : Voltage Above Normal
<b>3837-4</b> Aftertreatment 1 Secondary Air Pressure : Voltage Below Normal	<b>3493-4</b> Aftertreatment #1 Secondary Air Pressure Sensor : Voltage Below Normal
<b>3837-13</b> Aftertreatment 1 Secondary Air Pressure : Calibration Required	<b>3493-13</b> Aftertreatment #1 Secondary Air Pressure Sensor : Calibration Required

## CAT C13, C15, and C18 Tier 4 Final Engine Fault Codes

J1939 Code and Description	CDL Code and Description
<b>3837-21</b> Aftertreatment 1 Secondary Air Pressure : Data Drifted Low	<b>3493-21</b> Aftertreatment #1 Secondary Air Pressure Sensor : Data Drifted Low
<b>4077-3</b> Aftertreatment #1 Fuel Pressure #2 : Voltage Above Normal	<b>2497-3</b> ARD Fuel Pressure #2 Sensor : Voltage Above Normal
<b>4077-4</b> Aftertreatment #1 Fuel Pressure #2 : Voltage Below Normal	<b>2497-4</b> ARD Fuel Pressure #2 Sensor : Voltage Below Normal
<b>4212-5</b> Fan Drive Bypass Command Status : Current Below Normal	<b>291-5</b> Engine Cooling Fan Solenoid : Current Below Normal
<b>4212-6</b> Fan Drive Bypass Command Status : Current Above Normal	<b>291-6</b> Engine Cooling Fan Solenoid : Current Above Normal
<b>4212-13</b> Fan Drive Bypass Command Status : Out of Calibration	<b>1551-13</b> Engine Demand Fan System : Out of Calibration
<b>4214-5</b> Engine Fan Reverse Actuator : Current Below Normal	<b>485-5</b> Engine Fan Reversing Solenoid : Current Below Normal
<b>4214-6</b> Engine Fan Reverse Actuator : Current Above Normal	<b>485-6</b> Engine Fan Reversing Solenoid : Current Above Normal
<b>4215-3</b> Ground-Level Shutdown Activated : Voltage Above Normal	<b>267-3</b> Remote Shutdown Input : Voltage Above Normal
<b>4215-4</b> Ground-Level Shutdown Activated : Voltage Below Normal	<b>267-4</b> Remote Shutdown Input : Voltage Below Normal
<b>4265-5</b> Aftertreatment #1 Transformer Secondary Output : Current Below Normal	<b>3180-5</b> Aftertreatment #1 Ignition Transformer Secondary : Current Below Normal
<b>4301-3</b> Aftertreatment #1 Fuel Injector #1 Heater Control : Voltage Above Normal	<b>3182-3</b> Aftertreatment #1 Fuel Injector #1 Heater : Voltage Above Normal
<b>4301-4</b> Aftertreatment #1 Fuel Injector #1 Heater Control : Voltage Below Normal	<b>3182-4</b> Aftertreatment #1 Fuel Injector #1 Heater : Voltage Below Normal
<b>4301-5</b> Aftertreatment #1 Fuel Injector #1 Heater Control : Current Below Normal	<b>3182-5</b> Aftertreatment #1 Fuel Injector #1 Heater : Current Below Normal
<b>4301-6</b> Aftertreatment #1 Fuel Injector #1 Heater Control : Current Above Normal	<b>3182-6</b> Aftertreatment #1 Fuel Injector #1 Heater : Current Above Normal
<b>4334-3</b> Aftertreatment 1 Diesel Exhaust Fluid Doser Absolute Pressure : Voltage Above Normal	<b>3090-3</b> Aftertreatment #1 SCR Dosing Reagent Pressure Sensor : Voltage Above Normal
<b>4334-4</b> Aftertreatment 1 Diesel Exhaust Fluid Doser Absolute Pressure : Voltage Below Normal	<b>3090-4</b> Aftertreatment #1 SCR Dosing Reagent Pressure Sensor : Voltage Below Normal
<b>4334-7</b> Aftertreatment 1 Diesel Exhaust Fluid Doser Absolute Pressure : Not Responding Properly	<b>3090-7</b> Aftertreatment #1 SCR Dosing Reagent Pressure Sensor : Not Responding Properly
<b>4337-8</b> Aftertreatment 1 Diesel Exhaust Fluid Dosing Temperature : Abnormal Frequency, Pulse Width, or Period	<b>3096-8</b> Aftertreatment #1 SCR Dosing Reagent Temperature #1 Sensor : Abnormal Frequency, Pulse Width, or Period

## CAT C13, C15, and C18 Tier 4 Final Engine Fault Codes

J1939 Code and Description	CDL Code and Description
<b>4354-5</b> Aftertreatment 1 Diesel Exhaust Fluid Line Heater 1 : Current Below Normal	<b>3110-5</b> Aftertreatment #1 SCR Catalyst Reagent Line Heater #1 : Current Below Normal
<b>4354-6</b> Aftertreatment 1 Diesel Exhaust Fluid Line Heater 1 : Current Above Normal	<b>3110-6</b> Aftertreatment #1 SCR Catalyst Reagent Line Heater #1 : Current Above Normal
<b>4355-5</b> Aftertreatment 1 Diesel Exhaust Fluid Line Heater 2 : Current Below Normal	<b>3111-5</b> Aftertreatment #1 SCR Catalyst Reagent Line Heater #2 : Current Below Normal
<b>4355-6</b> Aftertreatment 1 Diesel Exhaust Fluid Line Heater 2 : Current Above Normal	<b>3111-6</b> Aftertreatment #1 SCR Catalyst Reagent Line Heater #2 : Current Above Normal
<b>4356-5</b> Aftertreatment 1 Diesel Exhaust Fluid Line Heater 3 : Current Below Normal	<b>3112-5</b> Aftertreatment #1 SCR Catalyst Reagent Line Heater #3 : Current Below Normal
<b>4356-6</b> Aftertreatment 1 Diesel Exhaust Fluid Line Heater 3: Current Above Normal	<b>3112-6</b> Aftertreatment #1 SCR Catalyst Reagent Line Heater #3 : Current Above Normal
<b>4360-3</b> Aftertreatment #1 SCR Catalyst Intake Gas Temperature : Voltage Above Normal	<b>3105-3</b> Aftertreatment #1 SCR Catalyst Intake Gas Temperature Sensor : Voltage Above Normal
<b>4360-4</b> Aftertreatment #1 SCR Catalyst Intake Gas Temperature : Voltage Below Normal	<b>3105-4</b> Aftertreatment #1 SCR Catalyst Intake Gas Temperature Sensor : Voltage Below Normal
<b>4374-5</b> Aftertreatment #1 Diesel Exhaust Fluid Pump Motor Speed : Current Below Normal	<b>3118-5</b> Aftertreatment #1 SCR Catalyst Reagent Pump Motor Speed Sensor : Current Below Normal
<b>4374-6</b> Aftertreatment #1 Diesel Exhaust Fluid Pump Motor Speed : Current Above Normal	<b>3118-6</b> Aftertreatment #1 SCR Catalyst Reagent Pump Motor Speed Sensor : Current Above Normal
<b>4374-8</b> Aftertreatment #1 Diesel Exhaust Fluid Pump Motor Speed : Abnormal Frequency, Pulse Width, or Period	<b>3118-8</b> Aftertreatment #1 SCR Catalyst Reagent Pump Motor Speed Sensor : Abnormal Frequency, Pulse Width, or Period
<b>4376-5</b> Aftertreatment 1 Diesel Exhaust Fluid Return Valve : Current Below Normal	<b>3862-5</b> Aftertreatment #1 Diesel Exhaust Fluid Return Valve Solenoid : Current Below Normal
<b>4376-6</b> Aftertreatment 1 Diesel Exhaust Fluid Return Valve : Current Above Normal	<b>3862-6</b> Aftertreatment #1 Diesel Exhaust Fluid Return Valve Solenoid : Current Above Normal
<b>4376-7</b> Aftertreatment 1 Diesel Exhaust Fluid Return Valve : Not Responding Properly	<b>3862-7</b> Aftertreatment #1 Diesel Exhaust Fluid Return Valve Solenoid : Not Responding Properly
<b>5276-5</b> Engine Exhaust Manifold Bank #1 Flow Balance Valve Actuator Control : Current Below Normal	<b>3409-5</b> Engine Exhaust Manifold Bank #1 Flow Balance Valve Solenoid : Current Below Normal
<b>5276-6</b> Engine Exhaust Manifold Bank #1 Flow Balance Valve Actuator Control : Current Above Normal	<b>3409-6</b> Engine Exhaust Manifold Bank #1 Flow Balance Valve Solenoid : Current Above Normal
<b>5423-5</b> Aftertreatment #1 Fuel Pump Relay Control : Current Below Normal	<b>3427-5</b> Aftertreatment Fuel Pump Relay : Current Below Normal
<b>5423-6</b> Aftertreatment #1 Fuel Pump Relay Control : Current Above Normal	<b>3427-6</b> Aftertreatment Fuel Pump Relay : Current Above Normal
<b>5424-5</b> Aftertreatment #1 Fuel Flow Diverter Valve Control : Current Below Normal	<b>3413-5</b> ARD Fuel Flow Diverter Actuator : Current Below Normal

## CAT C13, C15, and C18 Tier 4 Final Engine Fault Codes

J1939 Code and Description	CDL Code and Description
<b>5424-6</b> Aftertreatment #1 Fuel Flow Diverter Valve Control : Current Above Normal	<b>3413-6</b> ARD Fuel Flow Diverter Actuator : Current Above Normal
<b>5425-5</b> Aftertreatment #1 Fuel Pressure #2 Actuator Control : Current Below Normal	<b>3391-5</b> ARD Fuel Pressure #2 Control Actuator : Current Below Normal
<b>5425-6</b> Aftertreatment #1 Fuel Pressure #2 Actuator Control : Current Above Normal	<b>3391-6</b> ARD Fuel Pressure #2 Control Actuator : Current Above Normal
<b>5491-5</b> Aftertreatment #1 DEF Line Heater Relay : Current Below Normal	<b>3822-5</b> Aftertreatment #1 Diesel Exhaust Fluid Line Heater Relay : Current Below Normal
<b>5491-6</b> Aftertreatment #1 DEF Line Heater Relay : Current Above Normal	<b>3822-6</b> Aftertreatment #1 Diesel Exhaust Fluid Line Heater Relay : Current Above Normal
<b>5576-2</b> Aftertreatment #1 Identification : Erratic, Intermittent, or Incorrect	<b>3468-2</b> Aftertreatment #1 Identification Number Module : Erratic, Intermittent, or Incorrect
<b>5576-8</b> Aftertreatment #1 Identification : Abnormal Frequency, Pulse Width, or Period	<b>3468-8</b> Aftertreatment #1 Identification Number Module : Abnormal Frequency, Pulse Width, or Period
<b>5576-14</b> Aftertreatment #1 Identification : Special Instruction	<b>3468-14</b> Aftertreatment #1 Identification Number Module : Special Instruction
<b>5577-2</b> Aftertreatment #2 Identification : Erratic, Intermittent, or Incorrect	<b>3469-2</b> Aftertreatment #2 Identification Number Module: Erratic, Intermittent, or Incorrect
<b>5577-8</b> Aftertreatment #2 Identification Number Module: Abnormal Frequency, Pulse Width, or Period	<b>3469-8</b> Aftertreatment #2 Identification Number Module: Abnormal Frequency, Pulse Width, or Period
<b>5577-14</b> Aftertreatment #2 Identification : Special Instruction	<b>3469-14</b> Aftertreatment #2 Identification Number Module: Special Instruction
<b>5578-3</b> Engine Fuel Delivery Absolute Pressure : Voltage Above Normal	<b>289-3</b> Fuel Pressure Sensor - Before Fuel Filter : Voltage Above Normal
<b>5578-4</b> Engine Fuel Delivery Absolute Pressure : Voltage Below Normal	<b>289-4</b> Fuel Pressure Sensor - Before Fuel Filter : Voltage Below Normal
<b>5578-21</b> Engine Fuel Delivery Absolute Pressure : Data Drifted Low	<b>289-21</b> Fuel Pressure Sensor - Before Fuel Filter : Data Drifted Low
<b>5580-3</b> Engine Filtered Fuel Delivery Absolute Pressure : Voltage Above Normal	<b>460-3</b> Fuel Pressure Sensor - After Fuel Filter : Voltage Above Normal
<b>5580-4</b> Engine Filtered Fuel Delivery Absolute Pressure : Voltage Below Normal	<b>460-4</b> Fuel Pressure Sensor - After Fuel Filter : Voltage Below Normal
<b>5580-21</b> Engine Filtered Fuel Delivery Absolute Pressure : Data Drifted Low	<b>460-21</b> Fuel Pressure Sensor - After Fuel Filter : Data Drifted Low
<b>5758-11</b> Aftertreatment #1 Intake Gas Sensor Power Supply : Other Failure Mode	<b>3621-11</b> Engine Exhaust NOx Level Sensor Power Supply : Other Failure Mode
<b>5759-11</b> Aftertreatment #1 Outlet Gas Sensor Power Supply : Other Failure Mode	<b>3619-11</b> Aftertreatment #1 Outlet #1 NOx Level Sensor Power Supply : Other Failure Mode
<b>5965-5</b> Aftertreatment 1 Diesel Exhaust Fluid Control Module Relay Control : Current Below Normal	<b>3838-5</b> Aftertreatment #1 Diesel Exhaust Fluid Dosing Control Module Relay : Current Below Normal

## CAT C13, C15, and C18 Tier 4 Final Engine Fault Codes

J1939 Code and Description	CDL Code and Description
<b>5965-6</b> Aftertreatment 1 Diesel Exhaust Fluid Control Module Relay Control : Current Above Normal	<b>3838-6</b> Aftertreatment #1 Diesel Exhaust Fluid Dosing Control Module Relay : Current Above Normal
<b>5966-5</b> Aftertreatment 1 Diesel Exhaust Fluid Control Module Power Supply : Current Below Normal	<b>3965-5</b> Aftertreatment #1 Diesel Exhaust Fluid Control Module Power Supply #1 : Current Below Normal
<b>5966-6</b> Aftertreatment 1 Diesel Exhaust Fluid Control Module Power Supply : Current Above Normal	<b>3965-6</b> Aftertreatment #1 Diesel Exhaust Fluid Control Module Power Supply #1 : Current Above Normal
<b>6309-6</b> Aftertreatment #1 Diesel Exhaust Fluid Control Module Power Supply #2 : Current Above Normal	<b>3966-6</b> Aftertreatment #1 Diesel Exhaust Fluid Control Module Power Supply #2 : Current Above Normal