Suggested Driver Action for Active 3176B, C-10, C-12, 3406E, C-15, and C-16 Diagnostic Codes

Code	Description	1	2	3
1 - 11	Cylinder 1 Fault		X	
2 - 11	Cylinder 2 Fault		X	
3 - 11	Cylinder 3 Fault		X	
4 - 11	Cylinder 4 Fault		X	
5 - 11	Cylinder 5 Fault		X	
6 - 11	Cylinder 6 Fault		X	
22 - 11	Cam Sensor to Crank Sensor Calibration			X
26 - 05	Multi-Function Output #1 Open Circuit		X	
26 - 06	Multi-Function Output #1 Short Circuit		X	
30 - 08	Invalid PTO Throttle Signal			X
30 - 13	PTO Throttle Sensor Calibration			X
40 - 05	Multi-Function Output #2 Open Circuit			X
40 - 06	Multi-Function Output #2 Short Circuit			X
41 - 03	8 Volt Supply Above Normal		X	
41 - 04	8 Volt Supply Below Normal		X	
51 - 05	Multi-Function Output #3 Open Circuit			X
51 - 06	Multi-Function Output #3 Short Circuit			X
54 - 05	Output #6 Open Circuit		X	
54 - 06	Output #6 Short Circuit		X	
55 - 05	Output #7 Open Circuit		X	
55 - 06	Output #7 Short Circuit		X	
64 - 12	Loss of Engine Cam Sensor RPM Signal			X
71 - 00	Idle Shutdown Override[4]			
71 - 01	Idle Shutdown Occurrence[4]			
84 - 00	Vehicle Overspeed Warning[4]			
84 - 01	Loss of Vehicle Speed Signal			X
84 - 02	Invalid Vehicle Speed Signal			X
84 - 08	Vehicle Speed Out of Range			X
84 - 10	Vehicle Speed Rate of Change			X
84 - 14	Quick Stop Occurrence[4]			
91 - 08	Invalid Throttle Signal		X	
91 - 13	Throttle Sensor Calibration		X	
100 - 01	Low Oil Pressure Warning		X	
100 - 03	Oil Pressure Sensor Open Circuit			X
100 - 04	Oil Pressure Sensor Short Circuit			X
100 - 11	Very Low Oil Pressure	X		

Code	Description	1	2	3
100 - 12	5 Volt Open Circuit/Oil Pressure/Too High			X
102 - 00	Boost Pressure Reading Stuck High[4]			
102 - 03	Boost Pressure Sensor Open Circuit			
102 - 04	Boost Pressure Sensor Short Circuit			X
102 -13	Boost Pressure Sensor Calibration			X
105 - 00	High Intake Manifold Air Temperature Warning			X
105 - 03	Intake Manifold Air Temp Sensor Open Circuit		X	
105 - 04	Intake Manifold Air Temp Sensor Short Circuit			X
105 - 11	Very High Intake Manifold Air Temperature			X
108 - 03	Atmospheric Pressure Sensor Open Circuit		X	
108 - 04	Atmospheric Pressure Sensor Short Circuit			X
110 - 00	High Coolant Temperature Warning			X
110 - 03	Coolant Temperature Sensor Open Circuit		X	
110 - 04	Coolant Temperature Sensor Short Circuit			X
110 - 11	Very High Coolant Temperature			X
111 - 01	Low Coolant Level Warning	X		
111 - 02	Coolant Level Sensor Fault		X	
111 - 11	Very Low Coolant Level			X
121 - 05	Retarder Solenoid Low/High Open Circuit	X		
121 - 06	Retarder Solenoid Low/High Short Circuit			X
122 - 05	Retarder Solenoid Medium/High Open Circuit			X
122 - 06	Retarder Solenoid Medium/High Short Circuit			X
168 - 02	Low or Intermittent Battery Power to ECM			X
171 - 03	Outside Air Temp. Sensor Open Circuit		X	
171 - 04	Outside Air Temp. Sensor Short Circuit			X
171 - 11	No Ambient Air Temperature Data			X
174 - 00	High Fuel Temperature Warning			X
174 - 03	Fuel Temperature Sensor Open Circuit			X
174 - 04	Fuel Temperature Sensor Short Circuit			X
190 - 00	Engine Overspeed Warning			X
190 - 02	Loss of Engine RPM Signal		X	
190 - 12	Loss of Engine Crank Sensor RPM Signal			X
191 - 07	Transmission Not Responding		X	
228 - 03	A/C High Pressure Switch Open Circuit		X	
231 - 11	J1939 Data Link Fault			X
232 - 00	5 Volt Open Circuit			X

Code	Description	1	2	3
232 - 03	5 Volt Supply Above Normal			X
232 - 04	5 Volt Supply Below Normal			X
244 - 02	Event Recorder Data Lost			X
249 - 11	J1922 Data Link Fault			X
252 - 11	Incorrect Engine Software		X	
252 - 12	ECM or Personality Module Fault		X	
253 - 02	Check Customer or System Parameters			X
253 - 11	Check Transmission Customer Parameters		X	
254 - 12	ECM Fault		X	

[1]Shutdown Vehicle - These codes indicate the presence of a potential engine damaging condition. The driver should bring the vehicle to a stop off the road and out of traffic.
[2]Service ASAP - The driver should go to the nearest qualified service location if vehicle performance is adversely affected.
[3]Schedule Service - These codes should be addressed at the next convenient opportunity if vehicle operation is adversely affected.
[4]No action required.