

## Support and Status of OnBoard System Tests

## General Systems

Command Secondary Air Status:	Not Reported
Power Take-Off Status:	Not Reported
Battery Voltage:	12.19

## Continuously Monitored Systems

OnBoard Module/System	Status
Misfire Monitoring	Complete
Fuel System Monitoring	Complete
Comprehensive Component Monitoring	Complete

OnBoard Module/System	Status
Catalyst Monitoring	Complete
Heated Catalyst Monitoring	Not Supported
Evaporative System Monitoring	Complete
Secondary Air System Monitoring	Not Supported
A/C System Refrigerant Monitoring	Not Supported
Oxvoen Sensor Monitoring	Complete
Oxvoen Sensor Heater Monitoring	Complete
EGR System Monitoring	Complete

## Monitored Test Results (Mode S)

Test ID	Component ID	Value	Min Value	Max Value	Units
(#01) Oxvoen Sensor Monitoring	(#11) Heated O2 Bank 1, Sensor 1 Voltage Amplitude and Voltage Threshold	0.557	0.502	0.000	V
(#01) Oxvoen Sensor Monitoring	(#21) Heated O2 Bank 2, Sensor 1 Voltage Amplitude and Voltage Threshold	0.691	0.502	0.000	V
(#03) Oxvoen Sensor Monitoring	(#01) Upstream O2 Switch-Point Voltage	0.452	0.000	0.000	V
(#03) Oxvoen Sensor Monitoring	(#02) Downstream O2 Sensor Switch-Point Voltage	0.502	0.000	0.000	V
(#10) Catalyst Monitoring	(#21) Bank 2 Switch Ratio and Max. Limit	1022.346	0.000	0.796	Unitless
(#10) Catalyst Monitoring	(#11) Bank 1 Switch Ratio and Max. Limit	0.016	0.000	0.842	Unitless
(#22) Evaporative System Monitoring	(#00) Leak Check Vacuum Bleed-Up and Threshold	0.382	0.000	1.997	inH2O
(#25) Evaporative System Monitoring	(#00) Vapor Generation Max. Pressure Rise	-63.896	1.997	0.000	inH2O
(#41) EGR System Monitoring	(#11) Delta Pressure for Upstream Hose Test and Threshold	-0.055	-13.970	0.000	inH2O
(#41) EGR System Monitoring	(#12) Delta Pressure for Downstream Hose Test and Threshold	-0.055	0.000	3.994	inH2O
(#45) EGR System Monitoring	(#20) Delta Pressure for Stuck Open Valve Test and Threshold	0.998	0.000	1.588	V
(#4A) EGR System Monitoring	(#30) Delta Pressure for Flow Test and Threshold	13.985	5.990	0.000	inH2O
(#4B) EGR System Monitoring	(#30) EVR Duty Cycle for Flow Test and Threshold	0.369	0.000	26214.000	%
(#50) Misfire Monitoring	(#00) Total Engine Misfire and Emission Threshold MisFire Rate (Updated every 10	0.000	0.000	2.457	%
(#51) Misfire Monitoring	(#01) Cylinder #1 Misfire that Exceeded Threshold	0.000	0.000	2.457	%
(#51) Misfire Monitoring	(#02) Cylinder #2 Misfire that Exceeded Threshold	0.000	0.000	2.457	%
(#51) Misfire Monitoring	(#03) Cylinder #3 Misfire that Exceeded Threshold	0.000	0.000	2.457	%
(#51) Misfire Monitoring	(#04) Cylinder #4 Misfire that Exceeded Threshold	0.000	0.000	2.457	%
(#51) Misfire Monitoring	(#05) Cylinder #5 Misfire that Exceeded Threshold	0.000	0.000	2.457	%
(#51) Misfire Monitoring	(#06) Cylinder #6 Misfire that Exceeded Threshold	0.000	0.000	2.457	%
(#51) Misfire Monitoring	(#07) Cylinder #7 Misfire that Exceeded Threshold	0.000	0.000	2.457	%
(#51) Misfire Monitoring	(#08) Cylinder #8 Misfire that Exceeded Threshold	0.000	0.000	2.457	%
(#52) Misfire Monitoring	(#00) Consecutive Cylinder Events During Active Test	0.000	0.000	0.000	%