



Description	Test	Component	Limits	Value
HO2S11 Voltage Amplitude, Bank 1, Sensor 1	1	11	>= 0.5V	0.82V
HO2S21 Voltage Amplitude, Bank 2, Sensor 1	1	21	>= 0.5V	0.82V
Upstream Oxygen Sensor Switchpoint	3	1	>= 0V	0.45V
Downstream Oxygen Sensor Switchpoint	3	2	>= 0V	0.45V
Rear to front Switch Ratio Bank 1	10	11	<= 0.81:1	0.02:1
Rear to front Switch Ratio Bank 2	10	21	<= 0.81:1	0.02:1
Initial Tank Vacuum Reading (min limit)	26	0	>= -7inH2O	-7inH2O
Initial Tank Vacuum Reading (max limit)	26	0	<= -6inH2O	-7inH2O
Leak Check Vacuum Bleedup (0.040 test)	27	0	<= 2inH2O	1inH2O
Leak Check Vacuum Bleedup (0.020 cruise test)	28	0	<= 2inH2O	2inH2O
Vapor Generation Max Delta Pressure Rise	2A	0	>= 3inH2O	0inH2O
Vapor Generation Max Absolute Pressure Rise	2B	0	>= 4inH2O	0inH2O
Leak Check Vacuum Bleedup (0.020 idle test, maximum 'leak' threshold)	2C	0	<= 2inH2O	0inH2O
Leak Check Vacuum Bleedup (0.020 idle test, maximum 'no-leak' threshold)	2D	0	<= 2inH2O	0inH2O
Delta Pressure for Upstream Hose Test	42	11	>= 0inH2O	0inH2O
Delta Pressure for Downstream Hose Test	42	12	<= 0inH2O	0inH2O
Delta Pressure for Stuck Open Valve Test	45	20	<= 1.7V	1.12V
Delta Pressure for Low Flow Test	49	30	>= 5inH2O	31inH2O
Commanded <a href="#">EGR</a> Duty-cycle for Low Flow Test	4B	30	<= 80%	40.5%
Total Engine Misfire Rate & Type B Threshold	50	0	<= 2.95%	0%
Cylinder 1 Misfire Rate & Type A Threshold	53	1	<= 21.5%	0%
Cylinder 2 Misfire Rate & Type A Threshold	53	2	<= 21.5%	0%
Cylinder 3 Misfire Rate & Type A Threshold	53	3	<= 21.5%	0%
Cylinder 4 Misfire Rate & Type A Threshold	53	4	<= 21.5%	0%
Cylinder 5 Misfire Rate & Type A Threshold	53	5	<= 21.5%	0%
Cylinder 6 Misfire Rate & Type A Threshold	53	6	<= 21.5%	0%
Cylinder 7 Misfire Rate & Type A Threshold	53	7	<= 21.5%	4.79%
Cylinder 8 Misfire Rate & Type A Threshold	53	8	<= 21.5%	0%

