Service $06 - On-Board Monitoring

Date: 9/27/2012 10:11:02 PM

Component	Description	Value	Minimum	Maximum	Units	Result
Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $01 - Rich to lean sensor threshold voltage (constant)	0.4492	0.4492	0.4492	V	**Pass**
Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $02 - Lean to rich sensor threshold voltage (constant)	0.4492	0.4492	0.4492	V	**Pass**
Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $03 - Low sensor voltage for switch time calculation(constant)	0.3516	0.3516	0.3516	V	**Pass**
Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $04 - High sensor voltage for switch time calculation(constant)	0.5518	0.5518	0.5518	V	**Pass**
Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $05 - Rich to lean sensor switch time (calculated)	0.075	0	0.32	sec	**Pass**
Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $06 - Lean to rich sensor switch time (calculated)	0.03	0	0.4	sec	**Pass**
Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $0A - Sensor period (calculated)	1.3	0	2	sec	**Pass**
Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $03 - Low sensor voltage for switch time calculation(constant)	0.2978	0.2978	0.2978	V	**Pass**
Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $04 - High sensor voltage for switch time calculation(constant)	0.4	0.4	0.4	V	**Pass**
Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $05 - Rich to lean sensor switch time (calculated)	0.01	0	0.08	sec	**Pass**

Catalyst Monitor Bank 1	TID $80 - Manufacturer Defined	255.9928	23.9997	255.9928		**Pass**
EGR Monitor Bank 1	TID $83 - Manufacturer Defined	1.1472	0.2582	95.0505	PSI	**Pass**
EVAP Monitor (0.090")	TID $80 - Manufacturer Defined	2.2852	1.1211	255.9961	mA	**Pass**
EVAP Monitor (0.040")	TID $80 - Manufacturer Defined	2.2852	2.2852	255.9961	mA	**Pass**
EVAP Monitor (0.020")	TID $80 - Manufacturer Defined	0	0	0		**Pass**
Purge Flow Monitor	TID $80 - Manufacturer Defined	20.4883	0	20.5039	mA	**Pass**
Misfire Cylinder 1 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	6	0	65535	counts	**Pass**
Misfire Cylinder 1 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	2	0	65535	counts	**Pass**
Misfire Cylinder 2 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	11	0	65535	counts	**Pass**
Misfire Cylinder 2 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	7	0	65535	counts	**Pass**
Misfire Cylinder 3 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	29	0	65535	counts	**Pass**
Misfire Cylinder 3 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	10	0	65535	counts	**Pass**
Misfire Cylinder 4 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	2	0	65535	counts	**Pass**

Misfire Cylinder 4 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	3	0	65535	counts	**Pass**