

ECU	Code	Type	Status	Description
0D	P1259	PowerTrain	Confirmed	Manufacturer Defined
0D	P1165	PowerTrain	Confirmed	Manufacturer Defined
0D	P0138	PowerTrain	Confirmed	O2 Sensor Circuit High Voltage
0D	P1165	PowerTrain	Pending	Manufacturer Defined
0D	P0136	PowerTrain	Pending	O2 Sensor Circuit

Mode \$01 - Powertrain Diagnostic Data

PID	Description	Value	Units
SAE 0x03	Fuel system 1 status	2	
SAE 0x03	Fuel system 2 status	0	
SAE 0x04	Calculated load value	24.31	%
SAE 0x05	Engine coolant temperature	204.8	F
SAE 0x06	Short term fuel % trim - Bank 1	-10.16	%
SAE 0x07	Long term fuel % trim - Bank 1	-2.34	%
SAE 0x0B	Intake manifold absolute pressure	7.38	inHg
SAE 0x0C	Engine RPM	706.25	RPM
SAE 0x0D	Vehicle speed	0	MPH
SAE 0x0E	Ignition timing advance for #1 cylinder	11.5	deg
SAE 0x0F	Intake air temperature	147.2	F
SAE 0x11	Absolute throttle position	9.8	%
SAE 0x13	Location of oxygen sensors	3	
SAE 0x14	O2 voltage (Bank 1, Sensor 1)	0.84	V
SAE 0x14	Short term fuel trim (Bank 1, Sensor 1)	-9.38	%
SAE 0x15	O2 voltage (Bank 1, Sensor 2)	1.27	V
SAE 0x15	Short term fuel trim (Bank 1, Sensor 2)	-9.38	%
SAE 0x1C	OBD requirements to which vehicle or engine is certified	1	
Aux 0x00	Input voltage read by the scan tool	14	V

Mode \$02 - Freeze Frame

PID	Description	Value	Units

0x02	Freeze frame DTC	P1165	
0x03	Fuel system 1 status	2	
0x03	Fuel system 2 status	0	
0x04	Calculated load value	69.41	%
0x05	Engine coolant temperature	181.4	F
0x06	Short term fuel % trim - Bank 1	7.81	%
0x07	Long term fuel % trim - Bank 1	-2.34	%
0x0B	Intake manifold absolute pressure	20.67	inHg
0x0C	Engine RPM	2262	RPM
0x0D	Vehicle speed	32.93	MPH
0x0F	Intake air temperature	107.6	F
0x11	Absolute throttle position	21.57	%

Mode \$05 - Oxygen Sensors

Sensor	Available
Bank 1 - Sensor 1	Yes
Bank 1 - Sensor 2	Yes
Bank 1 - Sensor 3	No
Bank 1 - Sensor 4	No
Bank 2 - Sensor 1	No
Bank 2 - Sensor 2	No
Bank 2 - Sensor 3	No
Bank 2 - Sensor 4	No

Sensor	Description	Value	Minimum	Maximum	Units	Result
Bank 1 - Sensor 1	TID \$31 - Manufacturer Defined	0.56	0	1.84	sec	Pass
Bank 1 - Sensor 1	TID \$81 - Manufacturer Defined	106	111	143		Fail
Bank 1 - Sensor 1	TID \$83 - Manufacturer Defined	25	0	78		Pass
Bank 1 - Sensor 1	TID \$84 - Manufacturer Defined	20	0	83		Pass
Bank 1 - Sensor 2	TID \$46 - Manufacturer Defined	1.275	0.8	1.275	V	Pass

Mode \$06 - On-Board Monitoring

Component	Description	Value	Minimum	Maximum	Units	Result
Component Id \$00	TID \$01 - Manufacturer Defined	16	13	N/A		Pass
Component Id \$01	TID \$06 - Manufacturer Defined	301	300	N/A		Pass
Component Id \$00	TID \$0E - Manufacturer Defined	10	N/A	60		Pass
Component Id \$06	TID \$18 - Manufacturer Defined	84	29	N/A		Pass
Component Id \$06	TID \$19 - Manufacturer Defined	85	N/A	223		Pass
Component Id \$02	TID \$21 - Manufacturer Defined	5	4	N/A		Pass
Component Id \$02	TID \$2E - Manufacturer Defined	44	8	N/A		Pass
Component Id \$02	TID \$3A - Manufacturer Defined	8	8	N/A		Pass
Component Id \$02	TID \$3E - Manufacturer Defined	44	8	N/A		Pass
Component Id \$00	TID \$5C - Manufacturer Defined	52	N/A	52		Pass

Mode \$09 - Vehicle Information

General Information

Description	Value
Vehicle Identification Number	Not Available
Calibration ID - \$0D	AAL740.....
Calibration Verification Number	Not Available