Diagnostic Report

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VIN: 1D8HB58287F580896
Manufacturer: Dodge
Model: Durango
Option: 5.7L hemi
Year: 2007

Monitor Status Report

Name	Continuous	Available	Complete
Misfire	Yes	Yes	Yes
Fuel System	Yes	Yes	Yes
Components	Yes	Yes	Yes
Catalyst	No	Yes	No
Heated Catalyst	No	No	Yes
Evap System	No	Yes	Yes
Secondary Air System	No	No	Yes
AC Refrigerant	No	No	Yes
Oxygen Sensor	No	Yes	No
Oxygen Sensor Heater	No	Yes	Yes
EGR System	No	Yes	Yes

MIL On
Number of Confirmed Codes: 1
Readiness Standard: None

This vehicle is not ready for emissions testing.

Reason

- MIL On

- Confirmed trouble codes have been detected
- Number of incomplete tests exceeds the maximum number allowed

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Trouble Code Report

ECU	Code	Type	Status	Description
7E0	P0521	PowerTrain	Confirmed	Engine Oil Pressure Sensor/Switch Range/Performance
7E0	P0521	PowerTrain	Pending	Engine Oil Pressure Sensor/Switch Range/Performance

Additional Information

PID	Description	Value	Units
SAE 0x21	Distance traveled while MIL is activated	19.26	miles
SAE 0x30	Number of warm-ups since DTCs cleared	38	
SAE 0x31	Distance traveled since DTCs cleared	238.61	miles

Mode $01 - Powertrain Diagnostic Data

PID	Description	Value	Units
SAE 0x03	Fuel system 1 status	1	
SAE 0x03	Fuel system 2 status	1	
SAE 0x04	Calculated load value	0	%
SAE 0x05	Engine coolant temperature	30.2	F
SAE 0x06	Short term fuel % trim - Bank 1	0	%
SAE 0x07	Long term fuel % trim - Bank 1	8.59	%
SAE 0x08	Short term fuel % trim - Bank 2	0	%
SAE 0x09	Long term fuel % trim - Bank 2	11.72	%
SAE 0x0B	Intake manifold absolute pressure	29.23	inHg
SAE 0x0C	Engine RPM	0	RPM
SAE 0x0D	Vehicle speed	0	MPH
SAE 0x0E	Ignition timing advance for #1 cylinder	-64	deg
SAE 0x0F	Intake air temperature	32	F

SAE 0x11	Absolute throttle position	17.25	%
SAE 0x13	Location of oxygen sensors	51	
SAE 0x14	O2 voltage (Bank 1, Sensor 1)	1.27	V
SAE 0x14	Short term fuel trim (Bank 1, Sensor 1)	0	%
SAE 0x15	O2 voltage (Bank 1, Sensor 2)	1.27	V
SAE 0x15	Short term fuel trim (Bank 1, Sensor 2)	99.22	%
SAE 0x18	O2 voltage (Bank 2, Sensor 1)	1.27	V
SAE 0x18	Short term fuel trim (Bank 2, Sensor 1)	0	%
SAE 0x19	O2 voltage (Bank 2, Sensor 2)	1.27	V
SAE 0x19	Short term fuel trim (Bank 2, Sensor 2)	99.22	%
SAE 0x1C	OBD requirements to which vehicle or engine is certified	2	
SAE 0x1F	Time since engine start	0	sec
SAE 0x21	Distance traveled while MIL is activated	19.26	miles
SAE 0x2C	Commanded EGR	0	%
SAE 0x2D	EGR error	0	%
SAE 0x2E	Commanded evaporative purge	0	%
SAE 0x2F	Fuel level input	60	%
SAE 0x30	Number of warm-ups since DTCs cleared	38	
SAE 0x31	Distance traveled since DTCs cleared	238.61	miles
SAE 0x33	Barometric pressure	29.23	inHg
SAE 0x3C	Catalyst temperature (Bank 1 Sensor 1)	-40	F
SAE 0x3D	Catalyst temperature (Bank 2 Sensor 1)	-40	F
SAE 0x42	Control module voltage	11.87	V
SAE 0x43	Absolute load value	0	%
SAE 0x44	Fuel/Air commanded equivalence ratio	2	
SAE 0x45	Relative throttle position	7.06	%
SAE 0x46	Ambient air temperature	28.4	F
SAE 0x47	Absolute throttle position B	17.65	%
SAE 0x49	Accelerator pedal position D	8.63	%
SAE 0x4A	Accelerator pedal position E	4.31	%
SAE 0x4C	Commanded throttle actuator control	7.06	%
Aux 0x00	Input voltage read by the scan tool	11.8	V

Mode $02 - Freeze Frame

PID	Description	Value	Units
0x02	Freeze frame DTC	P0521	
0x03	Fuel system 1 status	2	
0x03	Fuel system 2 status	2	
0x03	Fuel system 1 status	2	
0x03	Fuel system 2 status	2	
0x04	Calculated load value	89.02	%
0x05	Engine coolant temperature	201.2	F
0x06	Short term fuel % trim - Bank 1	3.91	%
0x06	Short term fuel % trim - Bank 1	3.91	%
0x07	Long term fuel % trim - Bank 1	5.47	%
0x07	Long term fuel % trim - Bank 1	5.47	%
0x08	Short term fuel % trim - Bank 2	3.91	%
0x08	Short term fuel % trim - Bank 2	3.91	%
0x09	Long term fuel % trim - Bank 2	5.47	%
0x09	Long term fuel % trim - Bank 2	5.47	%
0x0B	Intake manifold absolute pressure	27.46	inHg
0x0C	Engine RPM	2867	RPM
0x0D	Vehicle speed	33.55	MPH
0x0E	Ignition timing advance for #1 cylinder	21.5	deg
0x0F	Intake air temperature	33.8	F
0x11	Absolute throttle position	52.94	%
0x1F	Time since engine start	3399	sec
0x2C	Commanded EGR	0.78	%
0x2D	EGR error	0	%
0x2E	Commanded evaporative purge	0	%
0x2F	Fuel level input	54.9	%
0x33	Barometric pressure	28.64	inHg
0x42	Control module voltage	14.93	V
0x43	Absolute load value	79.61	%
0x44	Fuel/Air commanded equivalence ratio	1	
0x45	Relative throttle position	42.35	%
0x46	Ambient air temperature	23	F

0x47	Absolute throttle position B	53.33	%
0x49	Accelerator pedal position D	63.53	%
0x4A	Accelerator pedal position E	31.76	%
0x4C	Commanded throttle actuator control	42.75	%

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	**Yes**
Bank 2 - Sensor 2	**Yes**
Bank 2 - Sensor 3	**No**
Bank 2 - Sensor 4	**No**

Mode $06 - On-Board Monitoring

Component	Description	Value	Minimum	Maximum	Units	Result
$01 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $91 - Manufacturer Defined	0	0	0	%	**Incomplete**
$02 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $07 - Minimum sensor voltage for test cycle (calculated)	0.392	0	0.392	V	**Incomplete**
$02 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $08 - Maximum sensor voltage for test cycle (calculated)	0.843	0.647	65.535	V	**Incomplete**
$02 - Exhaust Gas Sensor		0	0	0		**Incomplete**

Monitor Bank 1 – Sensor 2	TID $81 - Manufacturer Defined					
$02 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $82 - Manufacturer Defined	0	0	0		**Incomplete**
$02 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $83 - Manufacturer Defined	0	0	0	V	**Incomplete**
$05 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 1	TID $91 - Manufacturer Defined	0	0	0	%	**Incomplete**
$06 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 2	TID $07 - Minimum sensor voltage for test cycle (calculated)	0.392	0	0.392	V	**Incomplete**
$06 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 2	TID $08 - Maximum sensor voltage for test cycle (calculated)	0.843	0.647	65.535	V	**Incomplete**
$06 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 2	TID $81 - Manufacturer Defined	0	0	0		**Incomplete**
$06 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 2	TID $82 - Manufacturer Defined	0	0	0		**Incomplete**
$06 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 2	TID $83 - Manufacturer Defined	0	0	0	V	**Incomplete**
$21 - Catalyst Monitor Bank 1	TID $92 - Manufacturer Defined	0	0	0	%	**Pass**
$22 - Catalyst Monitor Bank 2	TID $92 - Manufacturer Defined	0	0	0	%	**Pass**
		0	0	75	counts	**Pass**

$31 - EGR Monitor Bank 1	TID $93 - Manufacturer Defined					
$31 - EGR Monitor Bank 1	TID $94 - Manufacturer Defined	0	0	255	counts	**Pass**
$31 - EGR Monitor Bank 1	TID $95 - Manufacturer Defined	-2.1	-99.99	7.01	%	**Pass**
$31 - EGR Monitor Bank 1	TID $96 - Manufacturer Defined	-2.67	-99.99	7.01	%	**Pass**
$39 - EVAP Monitor (Cap Off / 0.150”)	TID $87 - Manufacturer Defined	0	0	0	sec	**Pass**
$3A - EVAP Monitor (0.090”)	TID $87 - Manufacturer Defined	0	0	0	sec	**Pass**
$3C - EVAP Monitor (0.020”)	TID $85 - Manufacturer Defined	0	0	0	min	**Pass**
$3C - EVAP Monitor (0.020”)	TID $86 - Manufacturer Defined	0	0	0	min	**Pass**
$3C - EVAP Monitor (0.020”)	TID $90 - Manufacturer Defined	1009	12	4300	min	**Pass**
$3D - Purge Flow Monitor	TID $83 - Manufacturer Defined	0	0	0	boolean	**Pass**
$3D - Purge Flow Monitor	TID $84 - Manufacturer Defined	0	0	0	%	**Pass**
$3D - Purge Flow Monitor	TID $85 - Manufacturer Defined	0	0	0		**Pass**
$3D - Purge Flow Monitor	TID $86 - Manufacturer Defined	0	0	0		**Pass**
$3D - Purge Flow Monitor	TID $87 - Manufacturer Defined	0	0	0		**Pass**
$3D - Purge Flow Monitor		0	0	0		**Pass**

	TID $88 - Manufacturer Defined					
$3D - Purge Flow Monitor	TID $89 - Manufacturer Defined	0	0	0	sec	**Pass**
$41 - Exhaust Gas Sensor Heater Monitor Bank 1 – Sensor 1	TID $97 - Manufacturer Defined	0	-40	125	C	**Pass**
$41 - Exhaust Gas Sensor Heater Monitor Bank 1 – Sensor 1	TID $98 - Manufacturer Defined	0	0	0	sec	**Pass**
$42 - Exhaust Gas Sensor Heater Monitor Bank 1 – Sensor 2	TID $97 - Manufacturer Defined	-20	-40	125	C	**Pass**
$42 - Exhaust Gas Sensor Heater Monitor Bank 1 – Sensor 2	TID $98 - Manufacturer Defined	0	0	0	sec	**Pass**
$45 - Exhaust Gas Sensor Heater Monitor Bank 2 – Sensor 1	TID $97 - Manufacturer Defined	5	-40	125	C	**Pass**
$45 - Exhaust Gas Sensor Heater Monitor Bank 2 – Sensor 1	TID $98 - Manufacturer Defined	0	0	0	sec	**Pass**
$46 - Exhaust Gas Sensor Heater Monitor Bank 2 – Sensor 2	TID $97 - Manufacturer Defined	0	-40	125	C	**Pass**
$46 - Exhaust Gas Sensor Heater Monitor Bank 2 – Sensor 2	TID $98 - Manufacturer Defined	0	0	0	sec	**Pass**

$A2 - Misfire Cylinder 1 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A2 - Misfire Cylinder 1 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**
$A3 - Misfire Cylinder 2 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A3 - Misfire Cylinder 2 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**
$A4 - Misfire Cylinder 3 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A4 - Misfire Cylinder 3 Data	TID $0C - Misfire counts for last/current driving cycles (calculated,	0	0	65535	counts	**Pass**

	rounded to an integer value)					
$A5 - Misfire Cylinder 4 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A5 - Misfire Cylinder 4 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**
$A6 - Misfire Cylinder 5 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A6 - Misfire Cylinder 5 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**
$A7 - Misfire Cylinder 6 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A7 - Misfire Cylinder 6 Data	TID $0C - Misfire counts for last/current driving cycles	0	0	65535	counts	**Pass**

	(calculated, rounded to an integer value)					
$A8 - Misfire Cylinder 7 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A8 - Misfire Cylinder 7 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**
$A9 - Misfire Cylinder 8 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A9 - Misfire Cylinder 8 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**

Mode $09 - Vehicle Information

General Information

Description	Value
Vehicle Identification Number	1D8HB58287F580896

Calibration ID - $7E0	05094711AK
Calibration Verification Number - $7E0	215C2EB4

In-Performance Tracking

Counter	Description	Value
0x00	OBD Monitoring Conditions Encountered Counts	988
0x01	Ignition Cycle Counter	5139
0x02	Catalyst Monitor Completion Counts Bank 1	229
0x03	Catalyst Monitor Conditions Encountered Counts Bank 1	981
0x04	Catalyst Monitor Completion Counts Bank 2	229
0x05	Catalyst Monitor Conditions Encountered Counts Bank 2	981
0x06	O2 Sensor Monitor Completion Counts Bank 1	229
0x07	O2 Sensor Monitor Conditions Encountered Counts Bank 1	981
0x08	O2 Sensor Monitor Completion Counts Bank 2	229
0x09	O2 Sensor Monitor Conditions Encountered Counts Bank 2	981
0x0A	EGR and/or VVT Monitor Completion Condition Counts	250
0x0B	EGR and/or VVT Monitor Conditions Encountered Counts	894
0x0E	EVAP Monitor Completion Condition Counts	230
0x0F	EVAP Monitor Conditions Encountered Counts	286
0x10	Secondary O2 Sensor Monitor Completion Counts Bank 1	1045
0x11	Secondary O2 Sensor Monitor Conditions Encountered Counts Bank 1	902
0x12	Secondary O2 Sensor Monitor Completion Counts Bank 2	1045
0x13	Secondary O2 Sensor Monitor Conditions Encountered Counts Bank 2	902