

The table below shows the ECM monitoring status for the components listed in the top of the table when the DTCs on the left of the table are set.

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Monitor detected malfunction				Monitor disablement (X - disabled)																										
	Fault code	Fault code	Component/ system																											
P0500	P0500	VSS	VVT VSV1,2	P0010,P0020	P0011	P0012	P0016,P0018	P0021	P0022	P0031,32,51,52	P0031,32,51,52	P0037,38,57,58	P0043,44,63,64	P0100	P0101	P0105	P0106	P0110	P0115	P0116	P0120,P0121	P0125	P0128	P0130,P0153	P0134,P0154	P0136,P0156	P0142,P0162	P0171,P0172	P0300-P0308	
P0511	P0511	IAC valve	VVT System1 - Advance																											
P0510	P0510	Idle switch	VVT System1 - Retard																											
P0560	P0560	System Voltage	VVT System - Misalignment																											
P0617	P0617	Starter signal	VVT System2 - Advance																											
P0705	P0705	Shift lever position switch	VVT System2 - Retard																											
P0710	P0710-P0713	Trans fluid temp sensor	O2 Sensor Heater - Sensor1																											
P0720-P0793	P0720-P0793	Output speed sensor	A/F Sensor Heater - Sensor1																											
P0715-P0717	P0715-P0717	Input speed sensor	O2 Sensor Heater - Sensor2																											
P0724	P0724	Stop lamp switch	O2 Snesor Heater - Sensor3																											
P0741-P0796	P0741-P0796	Trans solenoid (function)	MAF sensor																											
P0748-P0798	P0748-P0799	Trans solenoid (range)	MAP sensor																											
P0850	P0850	PNP switch	MAP sensor																											
P1010,P1020	P1010,P1020	VVTL	MAP sensor																											
P1011,12,(21,22)	P1011,12,(21,22)	VVTL system1,(2)	IAT sensor																											
P1126	P1126	Electronic magnet clutch	ECT sensor																											
P1129	P1129	Electronic throttle system	ECT sensor																											
P1430	P1430	HC adsorber ACT press sensor	TP sensor																											
P2004,6	P2004,6	Intake Manifold Runner Control	Insufficient ECT for Closed Loop																											
P2009,10	P2009,10	Intake Manifold Runner Control Circuit	Thermostat																											
P2014,16,17	P2014,16,17	Intake Manifold Runner Position Sensor	O2 Sensor-Sensor1																											
P2102,P2103	P2102,P2103	Throttle motor	O2 Sensor, A/F Sensor(No Activity) - Sensor1																											
P2120-P2138	P2120-P2138	Accel position sensor	O2 Sensor - Sensor2																											
P2196,P2198	P2196,P2198	A/F sensor (rationality)	O2 Snesor - Sensor3																											
P2226	P2226	BARO sensor	Fuel system																											
P2237,P2240	P2237,P2240	A/F sensor (open)	Misfire																											
P2423,24	P2423,24	HC Absorption Catalyst																												
P2430,2,3	P2430,2,3	AIR Pressure Sensor(Low/High)																												
P2431	P2431	AIR Pressure Sensor(Rationality)																												
P2440	P2440	AIR control valve stuck open																												
P2441	P2441	AIR control valve stuck close																												
P2444	P2444	AIP stuck On																												
P2445	P2445	AIP stuck Off																												
P2714-P2759	P2714-P2759	Trans solenoid(SLU-SLD)																												
P2A00,P2A03	P2A00,P2A03	A/F sensor (slow response)																												

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Monitor detected malfunction			Monitor disablement (X - disabled)																										
	Fault code	Fault code	Component/ system	P0325,P0330	P0335	P0340,P0341	P0340,P0346	P0351-P0358	P0385	P0401	P0402	P0405	P0409	P0420,P0430	P0440-P0446	P0450,P0451	P0500	P0500	P0500	P0511	P0510	P0560	P0617	P0705	P0710-P0713	P0720-P0793	P0715-P0717	P0724	P0741-P0796
				P0325-P0333	P0335	P0340,P0341	P0340-P0346	P0351-P0358	P0385	P0401	P0402	P0405,P0406	P0409	P0420,P0430	P0440-P0446	P0450-P0453	P0500	P0500	P0500	P0511	P0510	P0560	P0617	P0705	P0710-P0713	P0720-P0793	P0715-P0717	P0724	P0741-P0796
				Knock sensor	CKP sensor	CMP sensor	VVT sensor1,2	Ignitor	CKP sensor 2	EGR system (closed)	EGR system (open)	EGR Lift sensor	EGR Lift sensor	Catalyst	EVAP system	EVAP press sensor	VSS(ECT2sensor)	VSS(ECT1sensor, non-ECT)	VSS(M/T)	IAC valve	Idle switch	System Voltage	Starter signal	Shift lever position switch	Trans fluid temp sensor	Output speed sensor	Input speed sensor	Stop lamp switch	Trans solenoid (function)*1
P0010,P0020	P0010,P0020	VVT VSV1,2																											X
P0011	P0011	VVT System1 - Advance								X	X			X	X				X										
P0012	P0012	VVT System1 - Retard								X	X			X	X				X										
P0016,P0018	P0016,P0018	VVT System - Misalignment																											
P0021	P0021	VVT System2 - Advance								X	X			X	X				X										
P0022	P0022	VVT System2 - Retard								X	X			X	X				X										
P0030,50	P0031,32,51,52	O2 Sensor Heater - Sensor1								X	X			X					X										X
P0135,P0155	P0031,32,51,52	A/F Sensor Heater - Sensor1								X	X			X					X										
P0036,56	P0037,38,57,58	O2 Sensor Heater - Sensor2												X															
P0043,44,63,64	P0043,44,63,64	O2 Sensor Heater - Sensor3																											
P0100,P0101	P0100-P0103	MAF sensor								X	X			X	X				X	X									X
P0105,P0106	P0105-P0108	MAP sensor								X	X			X	X				X	X									X
P0110	P0110-P0113	IAT sensor								X	X				X														X
P0115,P0116	P0115-P0118	ECT sensor								X	X		X	X	X				X	X									X
P0120,P0121	P0120-P0223,P2135	TP sensor								X	X			X	X			X	X										X
P0125	P0125	Insufficient ECT for Closed Loop								X	X		X	X	X				X	X									X
P0128	P0128	Thermostat																											
P0130-P0153	P0130-P0153	O2 Sensor - Sensor1								X	X			X	X				X										X
P0134,P0154	P0134,P0154	O2 Sensor, A/F Sensor(No Activity) - Sensor1								X	X			X					X										X
P0136,P0156	P0136,P0156	O2 Sensor - Sensor2												X															
P0142,P0162	P0142,P0162	O2 Sensor - Sensor3																											
P0171,P0172	P0171,P0172	Fuel system								X	X			X	X				X										X
P0300-P0308	P0300-P0308	Misfire												X	X				X										X
P0325,P0330	P0325-P0333	Knock sensor								X	X																		X
P0335	P0335	CKP sensor								X	X			X	X				X										X
P0340, P0341	P0340, P0341	CMP sensor								X	X			X	X				X										X
P0340-P0346	P0340-P0346	VVT sensor1,2																											
P0351-P0358	P0351-P0358	Ignitor								X	X			X	X				X										X
P0385	P0385	CKP sensor 2								X	X			X	X				X										
P0401	P0401	EGR system (closed)												X															X
P0402	P0402	EGR system (open)												X	X				X										X
P0405,P0409	P0405-P0409	Lift sensor																											
P0420,P0430	P0420,P0430	Catalyst																											
P0442-P0456	P0442-P0456	EVAP system																	X										
P0450,P0451	P0450-P0453	EVAP press sensor												X															

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Note *1: Without input speed sensor

Note *2: With input speed sensor

			Monitor disablement (X - disabled)																											
Monitor detected malfunction	Fault code			P0325,P0330	P0335	P0340,P0341	P0340-P0346	P0351-P0358	P0385	P0401	P0402	P0405	P0409	P0420,P0430	P0440-P0446	P0450,P0451	P0500	P0500	P0500	P0511	P0510	P0560	P0617	P0705	P0710	P0720-P0793	P0715-P0717	P0724	P0741-P0796	
		Fault code		P0325-P0333	P0335	P0340,P0341	P0340-P0346	P0351-P0358	P0385	P0401	P0402	P0405	P0409	P0420,P0430	P0440-P0446	P0450-P0453	P0500	P0500	P0500	P0511	P0510	P0560	P0617	P0705	P0710-P0713	P0720-P0793	P0715-P0717	P0724	P0741-P0796	
			Component/ system		Knock sensor	CKP sensor	CKP sensor	VVT sensor1,2	Ignitor	CKP sensor 2	EGR system (closed)	EGR system (open)	EGR Lift sensor	EGR Lift sensor	Catalyst	EVAP system	EVAP press sensor	VSS(ECT2sensor)	VSS(ECT1sensor, non-ECT)	VSS(M/T)	IAC valve	Idle switch	System Voltage	Starter signal	Shift lever position switch	Trans fluid temp sensor	Output speed sensor	Input speed sensor	Stop lamp switch	Trans solenoid (function)*1
	P0500	P0500	VSS							X	X			X	X					X						X	X	X	X	
	P0511	P0511	IAC valve																											
	P0510	P0510	Idle switch								X			X	X														X	
	P0560	P0560	System Voltage																		X									
	P0617	P0617	Starter signal																											
	P0705	P0705	Shift lever position switch																											
	P0710	P0710-P0713	Trans fluid temp sensor																											
	P0720-P0793	P0720-P0793	Output speed sensor																										X	
	P0715-P0717	P0715-P0717	Input speed sensor																											
	P0724	P0724	Stop lamp switch																											
	P0741-P0796	P0741-P0796	Trans solenoid (function)																											
	P0748-P0798	P0748-P0798	Trans solenoid (range)																										X	
	P0850	P0850	PNP switch																		X								X	
	P1010,P1020	P1010,P1020	VVTL																											
	P1011,12,(21,22)	P1011,12,(21,22)	VVTL system1,(2)							X	X			X	X						X									
	P1126	P1126	Electronic magnet clutch																											
	P1129	P1129	Electronic throttle system																											
	P1430	P1430	HC adsorber ACT press sensor													X	X													
	P2004,6	P2004,6	Intake Manifold Runner Control																											
	P2009,10	P2009,10	Intake Manifold Runner Control Circuit																											
	P2014,16,17	P2014,16,17	Intake Manifold Runner Position Sensor																											
	P2102,P2103	P2102,P2103	Throttle motor																											
	P2120-P2138	P2120-P2138	Accel position sensor																											
	P2196,P2198	P2196,P2198	A/F sensor (rationality)							X	X			X							X								X	
	P2226	P2226	BARO sensor																										X	
	P2237,P2240	P2237,P2240	A/F sensor (open)							X	X			X							X								X	
	P2423,24	P2423,24	HC Absorption Catalyst																											
	P2430,2,3	P2430,2,3	AIR Pressure Sensor(Low/High)																											
	P2431	P2431	AIR Pressure Sensor(Rationality)																											
	P2440	P2440	AIR control valve stuck open							X	X			X																
	P2441	P2441	AIR control valve stuck close							X	X			X																
	P2444	P2444	AIP stuck On							X	X			X																
	P2445	P2445	AIP stuck Off							X	X			X																
	P2714-P2759	P2714-P2759	Trans solenoid(SLU-SLD)																										X	
	P2A00,P2A03	P2A00,P2A03	A/F sensor (slow response)							X	X			X							X								X	

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Note *1: Without input speed sensor

Note *2: With input speed sensor

Monitor detected malfunction				Monitor disablement (X - disabled)																									
	Fault code	Fault code	Component/ system	P0741-P0796	P0748-P0798	P0850	P1010,P1020	P1011,12,(21,22)	P1126	P1129	P1430	P2004,P2006	P2009,P2010	P2014,16,17	P2102,P2103	P2120-P2138	P2196,P2198	P2226	P2237,P2240	P2423,24	P2430,2,3	P2431	P2440	P2441	P2444	P2445	P2714-P2759	P2A00,P2A03	
				P0741-P0796	P0748-P0999	P0850	P1010,P1020	P1011,12,(21,22)	P1126	P1129	P1430	P2004,P2006	P2009,10	P2014,16,17	P2102,P2103	P2120-P2138	P2196,P2198	P2226	P2237,P2240	P2423,24	P2430,2,3	P2431	P2440	P2441	P2444	P2445	P2714-P2759	P2A00,P2A03	
				Trans solenoid (function)*2	Trans solenoid (range)	PNP switch	VVTL	VVTL system1,(,2)	Electronic magnet clutch	Electronic throttle system	HC adsorber ACT press sensor	Intake Manifold Runner Control	Intake Manifold Runner Control Circuit	Intake Manifold Runner Position Sensor	Throttle motor	Accel position sensor	A/F Sensor(Rationality) - Sensor1	BARO sensor	A/F Sensor(Open) - Sensor1	HC Absorption Catalyst	AIR Pressure Sensor(Low/High)	AIR Pressure Sensor(Rationality)	AIR control valve stuck open	AIR control valve stuck close	AIP stuck On	AIP stuck Off	Trans solenoid(SLU-SLD)	A/F Sensor (Slow response) - Sensor1	
P0010,P0020	P0010,P0020	VVT VSV1,2																					X	X	X	X			
P0011	P0011	VVT System1 - Advance																					X	X	X	X			
P0012	P0012	VVT System1 - Retard																					X	X	X	X			
P0016,P0018	P0016,P0018	VVT System - Misalignment																					X	X	X	X			
P0021	P0021	VVT System2 - Advance																					X	X	X	X			
P0022	P0022	VVT System2 - Retard																					X	X	X	X			
P0030,50	P0031,32,51,52	O2 Sensor Heater - Sensor1																	X		X		X	X	X	X			
P0135,P0155	P0031,32,51,52	A/F Sensor Heater - Sensor1															X		X	X			X	X	X	X		X	
P0036,56	P0037,38,57,58	O2 Sensor Heater - Sensor2															X		X										
P0043,44,63,64	P0043,44,63,64	O2 Sensor Heater - Sensor3																	X										
P0100,P0101	P0100-P0103	MAF sensor				X	X										X		X	X			X	X	X	X		X	
P0105,P0106	P0105-P0108	MAP sensor				X	X										X		X	X			X	X	X	X		X	
P0110	P0110-P0113	IAT sensor									X						X		X				X	X	X	X		X	
P0115,P0116	P0115-P0118	ECT sensor	X			X	X				X						X	X	X				X	X	X	X		X	
P0120,P0121	P0120-P0223,P2135	TP sensor															X		X	X			X	X	X	X		X	
P0125	P0125	Insufficient ECT for Closed Loop	X			X											X		X	X			X	X	X	X		X	
P0128	P0128	Thermostat																											
P0130-P0153	P0130-P0153	O2 Sensor - Sensor1																		X			X	X	X	X			
P0134,P0154	P0134,P0154	O2 Sensor, A/F Sensor(No Activity) - Sensor1															X		X	X			X	X	X	X		X	
P0136,P0156	P0136,P0156	O2 Sensor - Sensor2															X		X										
P0142,P0162	P0142,P0162	O2 Sensor - Sensor3																	X										
P0171,P0172	P0171,P0172	Fuel system															X		X	X			X	X	X	X		X	
P0300-P0308	P0300-P0308	Misfire															X		X	X			X	X	X	X		X	
P0325,P0330	P0325-P0333	Knock sensor																					X	X	X	X			
P0335	P0335	CKP sensor				X	X										X		X	X			X	X	X	X		X	
P0340, P0341	P0340, P0341	CMP sensor				X	X										X		X	X			X	X	X	X		X	
P0340-P0346	P0340-P0346	VVT sensor1,2																					X	X	X	X			
P0351-P0358	P0351-P0358	Ignitor																		X			X	X	X	X			
P0385	P0385	CKP sensor 2				X	X										X		X	X			X	X	X	X		X	
P0401	P0401	EGR system (closed)																		X									
P0402	P0402	EGR system (open)															X		X	X			X	X	X	X		X	
P0405,P0409	P0405-P0409	Lift sensor																											
P0420,P0430	P0420,P0430	Catalyst																											
P0442-P0456	P0442-P0456	EVAP system															X		X				X	X	X	X		X	
P0450,P0451	P0450-P0453	EVAP press sensor																					X	X	X	X			

Monitor detected malfunction	Fault code		Monitor disablement (X - disabled)	
	Fault code		Component/ system	
	Fault code		Component/ system	
	Fault code		Component/ system	
	P0500	P0500	VSS	X
	P0511	P0511	IAC valve	
	P0510	P0510	Idle switch	
	P0560	P0560	System Voltage	
	P0617	P0617	Starter signal	
	P0705	P0705	Shift lever position switch	
	P0710	P0710-P0713	Trans fluid temp sensor	
	P0720-P0793	P0720-P0793	Output speed sensor	
	P0715-P0717	P0715-P0717	Input speed sensor	
	P0724	P0724	Stop lamp switch	
	P0741-P0796	P0741-P0796	Trans solenoid (function)	
	P0748-P0798	P0748-P0798	Trans solenoid (range)	X
	P0850	P0850	PNP switch	
	P1010,P1020	P1010,P1020	VVTL	
	P1011,12,(21,22)	P1011,12,(21,22)	VVTL system1,(2)	
	P1126	P1126	Electronic magnet clutch	
	P1129	P1129	Electronic throttle system	
	P1430	P1430	HC adsorber ACT press sensor	
	P2004,6	P2004,6	Intake Manifold Runner Control	
	P2009,10	P2009,10	Intake Manifold Runner Control Circuit	
	P2014,16,17	P2014,16,17	Intake Manifold Runner Position Sensor	
	P2102,P2103	P2102,P2103	Throttle motor	
	P2120-P2138	P2120-P2138	Accel position sensor	
	P2196,P2198	P2196,P2198	A/F sensor (rationality)	
	P2226	P2226	BARO sensor	
	P2237,P2240	P2237,P2240	A/F sensor (open)	
	P2423,24	P2423,24	HC Absorption Catalyst	
	P2430,2,3	P2430,2,3	AIR Pressure Sensor(Low/High)	
	P2431	P2431	AIR Pressure Sensor(Rationality)	
	P2440	P2440	AIR control valve stuck open	
	P2441	P2441	AIR control valve stuck close	
	P2444	P2444	AIP stuck On	
	P2445	P2445	AIP stuck Off	
	P2714-P2759	P2714-P2759	Trans solenoid(SLU-SLD)	
	P2A00,P2A03	P2A00,P2A03	A/F sensor (slow response)	

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Note *1: Without input speed sensor

Note *2: With input speed sensor