LIST OF DISABLE A MONITOR

05MFM–01

HINT:

This table indicates ECM monitoring status for the items in the upper columns if the DTCs in each line on the left are being set.

As for the "X" mark, when the DTC on the left is stored, detection of the DTC in the upper column is not performed.

Monitor disablement (X—disabled)

Fault code (Monitor detected malfunction)	Fault code	Component/system	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-P0103	P0101	P0105-P0108	P0106	P0110-P0113	P0115-P0118	P0116	P0120-P0223,P2135	P0125	P0128	P0130-P0153	P0134,P0154	P0136,P0156	P0142,P0162	P0171,P0172	P0300-P0308
		Component/system →	VVT VSV 1, 2	VVT System 1 – Advance	VVT System 1 – Retard	VVT System – Misalignment	VVT System 2 – Advance	VVT System 2 – Retard	O2 Sensor Heater–Sensor1	A/F Sensor Heater–Sensor1	O2 Sensor Heater–Sensor2	O2 Sensor Heater–Sensor3	MAF sensor	MAF sensor	MAP sensor	MAP sensor	IAT sensor	ECT sensor	ECT sensor	TP sensor	Insufficient ECT for Closed Loop	Thermostat	O2 Sensor–Sensor1	O2 Sensor, A/F sensor (No Activity)–Sensor1	O2 Sensor–Sensor2	O2 Sensor–Sensor3	Fuel system	Misfire
P0010,P0020	P0010,P0020	VVT VSV 1, 2																				X						X
P0011	P0011	VVT System 1 – Advance			X		X															X						X
P0012	P0012	VVT System 1 – Retard					X															X						X
P0016,P0018	P0016,P0018	VVT System – Misalignment																										
P0021	P0021	VVT System 2 – Advance		X	X																	X						X
P0022	P0022	VVT System 2 – 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		
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	X	X
P0105,P0106	P0105-P0108	MAP sensor	X	X		X	X												X			X	X	X	X	X	X	X
P0110	P0110-P0113	IAT sensor																				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	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	X	X	X
P0128	P0128	Thermostat																										
P0130-P0153	P0130-P0153	O2 Sensor–Sensor1																				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																										
P0142,P0162	P0142,P0162	O2 Sensor–Sensor3																										
P0171,P0172	P0171,P0172	Fuel system																				X	X	X	X	X		
P0300-P0308	P0300-P0308	Misfire							X													X	X	X	X	X		
P0325,P0330	P0325-P0333	Knock sensor																										X
P0335	P0335	CKP sensor	X	X		X	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	X	X	X
P0340-P0346	P0340-P0346	VVT sensor 1, 2																				X						
P0351-P0358	P0351-P0358	Ignitor	X	X		X	X															X						X
P0385	P0385	CKP sensor 2													X		X					X	X	X	X	X	X	X
P0401	P0401	EGR system (closed)																				X						X
P0402	P0402	EGR system (open)																				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			
P0450,P0451	P0450-P0453	EVAP press sensor																										

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Monitor disablement (×—disabled)

Left-side vertical label: Monitor detected malfunction

Fault code	Fault code	Component/system	P0010,P0020 / P0010,P0020 / VVT VSV 1,2	P0011 / P0011 / VVT System 1 – Advance	P0012 / P0012 / VVT System 1 – Retard	P0016,P0018 / P0016,P0018 / VVT System – Misalignment	P0021 / P0021 / VVT System 2 – Advance	P0022 / P0022 / VVT System 2 – Retard	P0030,50 / P0031,32,51,52 / O2 Sensor Heater–Sensor1	P0135,P0155 / P0031,32,51,52 / A/F Sensor Heater–Sensor1	P0036,56 / P0037,38,57,58 / O2 Sensor Heater–Sensor2	P0043,44,63,64 / P0043,44,63,64 / O2 Sensor Heater–Sensor3	P0100 / P0100-P0103 / MAF sensor	P0101 / P0101 / MAF sensor	P0105 / P0105-P0108 / MAP sensor	P0106 / P0106 / MAP sensor	P0110 / P0110-P0113 / IAT sensor	P0115 / P0115-P0118 / ECT sensor	P0116 / P0116 / ECT sensor	P0120,P0121 / P0120-P0223,P2135 / TP sensor	P0125 / P0125 / Insufficient ECT for Closed Loop	P0128 / P0128 / Thermostat	P0130-P0153 / P0130-P0153 / O2 Sensor–Sensor1	P0134,P0154 / P0134,P0154 / O2 Sensor, A/F sensor (No Activity)–Sensor1	P0136,P0156 / P0136,P0156 / O2 Sensor–Sensor2	P0142,P0162 / P0142,P0162 / O2 Sensor–Sensor3	P0171,P0172 / P0171,P0172 / Fuel system	P0300-P0308 / P0300-P0308 / Misfire
P0500	P0500	VSS																				×	×	×	×	×	×	×
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)																										
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 absorber 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																					×		×	×		
P2237,2240	P2237,2240	A/F sensor (open)																				×			×	×		
P2423,24	P2423,24	HC Absorption Catalyst																										
P2430,2,3	P2430,2,3	A/R Pressure Sensor (Low/High)																										
P2431	P2431	A/R Pressure Sensor (Rationality)																										
P2440	P2440	A/R control valve stuck open																				×	×	×	×	×		
P2441	P2441	A/R 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)																				×			×	×		

Monitor disablement (×—disabled)

Fault code	Fault code	Component/system	Knock sensor (P0325,P0330 / P0325-P0333)	CKP sensor (P0335 / P0335)	CMP sensor (P0340,P0341 / P0340,P0341)	VVT sensor 1, 2 (P0340-P0346 / P0340-P0346)	Ignitor (P0351-P0358 / P0351-P0358)	CKP sensor 2 (P0385 / P0385)	EGR system (closed) (P0401 / P0401)	EGR system (open) (P0402 / P0402)	EGR Lift sensor (P0405 / P0405,P0406)	EGR Lift sensor (P0409 / P0409)	Catalyst (P0420,P0430 / P0420,P0430)	EVAP system (P0440-P0446 / P0440-P0446)	EVAP press sensor (P0450,P0451 / P0450-P0453)	VSS (ECT2 sensor) (P0500 / P0500)	VSS (ECT1 sensor, non-ECT) (P0500 / P0500)	VSS (M/T) (P0500 / P0500)	IAC valve (P0511 / P0511)	Idle switch (P0510 / P0510)	System Voltage (P0560 / P0560)	Starter signal (P0617 / P0617)	Shift lever position switch (P0705 / P0705)	Trans fluid temp sensor (P0710 / P0710-P0713)	Output speed sensor (P0720-P0793 / P0720-P0793)	Input speed sensor (P0715-P0717 / P0715-P0717)	Stop lamp switch (P0724 / P0724)	Trans solenoid (function)*1 (P0741-P0796 / P0741-P0796)
P0010,P0020	P0010,P0020	VVT VSV 1, 2																										×
P0011	P0011	VVT System 1 – Advance							×	×			×	×					×									
P0012	P0012	VVT System 1 – Retard							×	×			×	×					×									
P0016,P0018	P0016,P0018	VVT System – Misalignment																										
P0021	P0021	VVT System 2 – Advance							×	×			×	×					×									
P0022	P0022	VVT System 2 – Retard							×	×			×	×					×									
P0030,50	P0031,32,51,52	O2 Sensor Heater–Sensor1							×	×			×						×									×
P0135,P0155	P0031,32,51,52	A/F Sensor Heater–Sensor1							×	×			×						×									
P0036,56	P0037,38,57,58	O2 Sensor Heater–Sensor2											×															
P0043,44,63,64	P0043,44,63,64	O2 Sensor Heater–Sensor3																										
P0100,P0101	P0100-P0103	MAF sensor							×	×			×	×		×	×		×									×
P0105,P0106	P0105-P0108	MAP sensor							×	×			×	×		×	×		×									×
P0110	P0110-P0113	IAT sensor							×	×			×															×
P0115,P0116	P0115-P0118	ECT sensor							×	×		×	×	×		×	×		×									×
P0120,P0121	P0120-P0223,P2135	TP sensor							×	×			×	×				×	×									×
P0125	P0125	Insufficient ECT for Closed Loop							×	×		×	×	×		×	×		×									×
P0128	P0128	Thermostat																										
P0130-P0153	P0130-P0153	O2 Sensor–Sensor1							×	×			×						×									×
P0134,P0154	P0134,P0154	O2 Sensor, A/F sensor (No Activity)–Sensor1							×	×			×						×									×
P0136,P0156	P0136,P0156	O2 Sensor–Sensor2											×															
P0142,P0162	P0142,P0162	O2 Sensor–Sensor3																										
P0171,P0172	P0171,P0172	Fuel system							×	×			×	×					×									×
P0300-P0308	P0300-P0308	Misfire											×	×					×									×
P0325,P0330	P0325-P0333	Knock sensor							×	×																		×
P0335	P0335	CKP sensor							×	×			×	×					×									×
P0340,P0341	P0340,P0341	CMP sensor							×	×			×	×					×									×
P0340-P0346	P0340-P0346	VVT sensor 1, 2																										
P0351-P0358	P0351-P0358	Ignitor							×	×			×	×					×									×
P0385	P0385	CKP sensor 2							×	×			×	×					×									
P0401	P0401	EGR system (closed)											×															×
P0402	P0402	EGR system (open)											×	×					×									×
P0405,P0409	P0405-P0409	Lift sensor																										
P0420,P0430	P0420,P0430	Catalyst																										
P0442-P0456	P0442-P0456	EVAP system																	×									
P0450,P0451	P0450-P0453	EVAP press sensor											×															

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A98729

Monitor disablement (×−disabled)

Fault code (Monitor detected malfunction)	Fault code	Component/system	Knock sensor (P0325-P0333)	CKP sensor (P0335)	CMP sensor (P0340,P0341)	VVT sensor 1,2 (P0340-P0346)	Igniter (P0351-P0358)	CKP sensor 2 (P0385)	EGR system (closed) (P0401)	EGR system (open) (P0402)	EGR Lift sensor (P0405,P0406)	EGR Lift sensor (P0409)	Catalyst (P0420,P0430)	EVAP system (P0440-P0446)	EVAP press sensor (P0450-P0453)	VSS (ECT2 sensor) (P0500)	VSS (ECT1 sensor, non-ECT) (P0500)	VSS (M/T) (P0500)	IAC valve (P0511)	Idle switch (P0510)	System Voltage (P0560)	Starter signal (P0617)	Shift lever position switch (P0705)	Trans fluid temp sensor (P0710-P0713)	Output speed sensor (P0720-P0793)	Input speed sensor (P0715-P0717)	Stop lamp switch (P0724)	Trans solenoid (function)*1 (P0741-P0796)
P0500	P0500	VSS							×	×			×	×		▓	▓	▓	×						×	×		×
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)																							×	×		×
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 absorber 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																										×
P2237,2240	P2237,2240	A/F sensor (open)							×	×			×						×									×
P2423,24	P2423,24	HC Absorption Catalyst																										
P2430,2,3	P2430,2,3	A/R Pressure Sensor (Low/High)																										
P2431	P2431	A/R Pressure Sensor (Rationality)																										
P2440	P2440	A/R control valve stuck open							×	×			×															
P2441	P2441	A/R 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 (×—disabled)

Fault code	Fault code	Component/system	P0741-P0796 Trans solenoid (function) *2	P0748-P0799 Trans solenoid (range)	P0850 PNP switch	P1010,P1020 VVTL	P1011,12(,21,22) VVTL system1(,2)	P1126 Electronic magnet clutch	P1129 Electronic throttle system	P1430 HC absorber ACT press sensor	P2004,6 Intake Manifold Runner Control	P2009,10 Intake Manifold Runner Control Circuit	P2014,16,17 Intake Manifold Runner Position Sensor	P2102,P2103 Throttle motor	P2120-P2138 Accel position sensor	P2196,P2198 A/F Sensor (Rationality) -Sensor1	P2226 BARO sensor	P2237,P2240 A/F Sensor (Open) -Sensor1	P2423,24 HC Absorption Catalyst	P2430,2,3 A/R Pressure Sensor (Low/High)	P2431 A/R Pressure Sensor (Rationality)	P2440 A/R control valve stuck open	P2441 A/R control valve stuck close	P2444 AIP stuck On	P2445 AIP stuck Off	P2714-P2759 Trans solenoid (SLU-SLD)	P2A00,P2A03 A/F sensor (Slow response) -Sensor1
P0010,P0020	P0010,P0020	VVT VSV 1, 2																				×	×	×	×		
P0011	P0011	VVT System 1 – Advance																				×	×	×	×		
P0012	P0012	VVT System 1 – Retard																				×	×	×	×		
P0016,P0018	P0016,P0018	VVT System – Misalignment																				×	×	×	×		
P0021	P0021	VVT System 2 – Advance																				×	×	×	×		
P0022	P0022	VVT System 2 – Retard																				×	×	×	×		
P0030,50	P0031,32,51,52	O2 Sensor Heater–Sensor1																	×			×	×	×	×		
P0135,P0155	P0031,32,51,52	A/F Sensor Heater–Sensor1														×		×	×			×	×	×	×		×
P0036,56	P0037,38,57,58	O2 Sensor Heater–Sensor2														×			×								
P0043,44,63,64	P0043,44,63,64	O2 Sensor Heater–Sensor3																	×								
P0100,P0101	P0100-P0103	MAF sensor				×	×									×		×	×			×	×	×	×		×
P0105,P0106	P0105-P0108	MAP sensor				×	×									×		×	×			×	×	×	×		×
P0110	P0110-P0113	IAT sensor											×			×		×				×	×	×	×		×
P0115,P0116	P0115-P0118	ECT sensor	×			×	×			×						×		×	×			×	×	×	×		×
P0120,P0121	P0120-P0223,P2135	TP sensor														×		×	×			×	×	×	×		×
P0125	P0125	Insufficient ECT for Closed Loop	×			×										×		×	×			×	×	×	×		×
P0128	P0128	Thermostat																									
P0130-P0153	P0130-P0153	O2 Sensor–Sensor1																	×			×	×	×	×		
P0134,P0154	P0134,P0154	O2 Sensor, A/F sensor (No Activity)–Sensor1														×		×	×			×	×	×	×		×
P0136,P0156	P0136,P0156	O2 Sensor–Sensor2														×			×								
P0142,P0162	P0142,P0162	O2 Sensor–Sensor3																	×								
P0171,P0172	P0171,P0172	Fuel system														×		×	×			×	×	×	×		×
P0300-P0308	P0300-P0308	Misfire														×		×	×			×	×	×	×		×
P0325,P0330	P0325-P0333	Knock sensor																				×	×	×	×		
P0335	P0335	CKP sensor				×	×									×		×	×			×	×	×	×		×
P0340,P0341	P0340,P0341	CMP sensor				×	×									×		×	×			×	×	×	×		×
P0340-P0346	P0340-P0346	VVT sensor 1, 2																				×	×	×	×		
P0351-P0358	P0351-P0358	Igniter																	×			×	×	×	×		
P0385	P0385	CKP sensor 2				×	×									×		×	×			×	×	×	×		×
P0401	P0401	EGR system (closed)																	×								
P0402	P0402	EGR system (open)														×		×	×			×	×	×	×		×
P0405,P0409	P0405-P0409	Lift sensor																									
P0420,P0430	P0420,P0430	Catalyst																									
P0442-P0456	P0442-P0456	EVAP system														×		×				×	×	×	×		×
P0450,P0451	P0450-P0453	EVAP press sensor																				×	×	×	×		

Monitor disablement (×—disabled)

Column legend (Fault code → Component/system):

Col	Fault code	Component/system
1	P0741-P0796	Trans solenoid (function) *2
2	P0748-P0799	Trans solenoid (range)
3	P0850	PNP switch
4	P1010,P1020	VVTL
5	P1011,12(,21,22)	VVTL system1(,2)
6	P1126	Electronic magnet clutch
7	P1129	Electronic throttle system
8	P1430	HC absorber ACT press sensor
9	P2004,6	Intake Manifold Runner Control
10	P2009,10	Intake Manifold Runner Control Circuit
11	P2014,16,17	Intake Manifold Runner Position Sensor
12	P2102,P2103	Throttle motor
13	P2120-P2138	Accel position sensor
14	P2196,P2198	A/F Sensor (Rationality) -Sensor1
15	P2226	BARO sensor
16	P2237,2240	A/F Sensor (Open) -Sensor1
17	P2423,24	HC Absorption Catalyst
18	P2430,2,3	A/R Pressure Sensor (Low/High)
19	P2431	A/R Pressure Sensor (Rationality)
20	P2440	A/R control valve stuck open
21	P2441	A/R control valve stuck close
22	P2444	AIP stuck On
23	P2445	AIP stuck Off
24	P2714-P2759	Trans solenoid (SLU-SLD)
25	P2A00,P2A03	A/F sensor (Slow response) -Sensor1

Monitor detected malfunction (× = disabled). Column numbers refer to the legend above.

Fault code	Fault code	Component/system	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
P0500	P0500	VSS	×													×		×	×			×	×	×	×		×
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)	×																								
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 absorber 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														×			×			×	×	×	×		×
P2237,2240	P2237,2240	A/F sensor (open)																	×			×	×	×	×		×
P2423,24	P2423,24	HC Absorption Catalyst																									
P2430,2,3	P2430,2,3	A/R Pressure Sensor (Low/High)																			×	×	×	×	×		
P2431	P2431	A/R Pressure Sensor (Rationality)																				×	×	×	×		
P2440	P2440	A/R control valve stuck open														×		×	×								×
P2441	P2441	A/R 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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