

LIST OF DISABLE A MONITOR

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.

2005 HIGHLANDER REPAIR MANUAL (RM1144U)

Monitor detected malfunction	Fault code			Monitor disablement (X – disabled)																			
	Fault code			Monitor disablement (X – disabled)																			
	Fault code			Monitor disablement (X – disabled)																			
	Component/ system			Monitor disablement (X – disabled)																			
P0500	P0500	VSS	VVT VSV 1, 2	P0010,P0020	P0011	P0012	P0016,P0018	P0021	P0022	P0030,50	P0031,32,51,52	P0037,38,57,58	P0043,44,63,64	P0100	P0101	P0105	P0106	P0110	P0115	P0116	P0120,P0121	P0125	P0128
P0511	P0511	IAC valve	VVT System 1 – Advance																				
P0510	P0510	Idle switch	VVT System 1 – Retard																				
P0560	P0560	System Voltage	VVT System – Misalignment																				
P0617	P0617	Starter signal	VVT System 2 – Advance																				
P0705	P0705	Shift lever position switch	VVT System 2 – 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 Sensor Heater-Sensor3																				
P0741-P0796	P0741-P0796	Trans solenoid (function)	MAF sensor																				
P0748-P0798	P0748-P0798	Trans solenoid (range)	MAF 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)	MAP sensor																				
P1126	P1126	Electronic magnet clutch	IAT 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 Sensor-Sensor3																				
P2226	P2226	BARO sensor	Fuel system																				
P2237,2240	P2237,2240	A/F sensor (open)	Misfire																				
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	Fault code		Monitor disablement (X – disabled)	
	Fault code		Monitor disablement (X – disabled)	
	Component/ system		Monitor disablement (X – disabled)	
P0010,P0020	P0010,P0020	VVT VSV 1, 2	Knock sensor	P0325,P0330
P0011	P0011	VVT System 1 – Advance	CKP sensor	P0335
P0012	P0012	VVT System 1 – Retard	CMP sensor	P0340,P0341
P0016,P0018	P0016,P0018	VVT System – Misalignment	VVT sensor 1, 2	P0340,P0346
P0021	P0021	VVT System 2 – Advance	Ignitor	P0351-P0358
P0022	P0022	VVT System 2 – Retard	CKP sensor 2	P0385
P0030,50	P0031,32,51,52	O2 Sensor Heater–Sensor1	EGR system (closed)	P0401
P0135,P0155	P0031,32,51,52	A/F Sensor Heater–Sensor1	EGR system (open)	P0402
P0036,56	P0037,38,57,58	O2 Sensor Heater–Sensor2	EGR Lift sensor	P0405,P0406
P0043,44,63,64	P0043,44,63,64	O2 Sensor Heater–Sensor3	EGR Lift sensor	P0409
P0100,P0101	P0100-P0103	MAF sensor	Catalyst	P0420,P0430
P0105,P0106	P0105-P0108	MAP sensor	EVAP system	P0440-P0446
P0110	P0110-P0113	IAT sensor	EVAP press sensor	P0450,P0451
P0115,P0116	P0115-P0118	ECT sensor	VSS (ECT2 sensor)	P0500
P0120,P0121	P0120-P0223,P2135	TP sensor	VSS (ECT1 sensor, non-ECT)	P0500
P0125	P0125	Insufficient ECT for Closed Loop	VSS (M/T)	P0500
P0128	P0128	Thermostat	IAC valve	P0511
P0130-P0153	P0130-P0153	O2 Sensor–Sensor1	Idle switch	P0510
P0134,P0154	P0134,P0154	O2 Sensor, A/F sensor (No Activity)–Sensor1	System Voltage	P0560
P0136,P0156	P0136,P0156	O2 Sensor–Sensor2	Starter signal	P0617
P0142,P0162	P0142,P0162	O2 Sensor–Sensor3	Shift lever position switch	P0705
P0171,P0172	P0171,P0172	Fuel system	Trans fluid temp sensor	P0710
P0300-P0308	P0300-P0308	Misfire	Output speed sensor	P0720-P0793
P0325,P0330	P0325-P0333	Knock sensor	Input speed sensor	P0715-P0717
P0335	P0335	CKP sensor	Stop lamp switch	P0724
P0340,P0341	P0340,P0341	CMP sensor	Trans solenoid (function)*1	P0741-P0796
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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Monitor detected malfunction				Monitor disablement (× – disabled)																									
	Fault code	Fault code	Component/ system	P0741-P0796	P0748-P0798	P0850	P1010,P1020	P1011,12(21,22)	P1126	P1129	P1430	P2004,6	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	
				Trans solenoid (function) *2	Trans solenoid (range)	PNP switch	VVT	VVT 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	A/R Pressure Sensor (Low/High)	A/R Pressure Sensor (Rationality)	A/R control valve stuck open	A/R 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 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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Monitor detected malfunction			Monitor disablement (X—disabled)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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