

MATRIX CHART OF PROBLEM SYMPTOMS

When the malfunction code is not confirmed in the diagnostic trouble code check and the problem still can not be confirmed in the basic inspection, then proceed to this step and perform troubleshooting according to the numbered order given in the table below.

Symptom		Suspect area																			See page
		Manifold absolute pressure sensor circuit	Starter signal circuit	EG R system	Switch condition signal circuit	Park/Neutral position switch circuit	ECM power source circuit	Back up power source circuit	Injector circuit	IAC valve circuit	Fuel system circuit	A/C cut control circuit	VSV circuit for fuel pressure control	Starter and Starter relay	Ignition signal circuit (Spark test)	Spark plug	Ignition coil	Distributor	Compression	A/T faulty	Engine control module
Does not start	Engine does not crank					2							1								
	No initial combustion						1		5	3				2	4						
	No complete combustion								6	1					5	4	2	3			
Difficult to start	Under normal condition		1						8	2	3					6	4	5	7		
	Cold engine		1						4	2	3					7	5	6			
	Hot engine		1						5	2	4		3			8	6	7			
Poor Idling	Incorrect first idle				1					2											
	High engine idle speed				1	4	3	5		2											
	Low engine idle speed	6			2	3		7	5	1	4										
	Rough idling	3		5	1			12	4	2	8				6	11	9	10	7		
	Hunting	3			1		4			2	5										
Poor Driveability	Hesitation/Poor acceleration	2			1				3		4	9			5	8	6	7		10	
	Muffler explosion (after fire)				1				5							4	2	3			
	Surging				1				5		2					4		3			
Engine Stall	Soon after starting	2								3	1										
	After acceleration pedal depressed	2			1																
	After acceleration pedal released								1	2											3
	During A/C operation									1											2
	When N to D shift					1				2											

*: Except California specification vehicles.