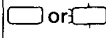
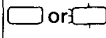







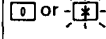









Troubleshooting

Troubleshooting Guide [Without CATA]

NOTE: Across each row in the chart, the systems that could be sources of a symptom are ranked in the order they should be inspected starting with ①. Find the symptom in the left column, read across to the most likely source, then refer to the page listed at the top of that column. If inspection shows the system is OK, try the next most likely system ②, etc.

PAGE		SYSTEM	PGM-FI						
			ECU	MANIFOLD ABSOLUTE PRESSURE SENSOR	TDC/CRANK/CYL SENSOR	COOLANT TEMPERA- TURE SENSOR	THROTTLE ANGLE SENSOR	INTAKE AIR TEMPERA- TURE SENSOR	IMA SENSOR
SYMPTOM		---	92	96	---	---	---	---	---
CHECK ENGINE WARNING LIGHT TURNS ON		 or 							
CHECK ENGINE WARNING LIGHT BLINKS									
ENGINE WON'T START		③		③					
DIFFICULT TO START ENGINE WHEN COLD		(BU)	③	③	①				③
IRREGULAR IDLING	WHEN COLD FAST IDLE OUT OF SPEC	(BU)			③				
	ROUGH IDLE	(BU)	③						
	WHEN WARM IDLE SPEED TOO HIGH	(BU)							
	WHEN WARM IDLE SPEED TOO LOW	(BU)							
FREQUENT STALLING	WHILE WARMING UP	(BU)			③				
	AFTER WARMING UP	(BU)							③
POOR PERFORMANCE	MISFIRE OR ROUGH RUNNING	(BU)		③					
	FAILS EMISSION TEST	(BU)	②						
	LOSS OF POWER	(BU)	③			②			

- if codes other than those listed above are indicated, count the number of blinks again. If the indicator is in fact blinking these codes, substitute a known-good ECU and recheck. If the indication goes away, replace the original ECU.

(BU): When the Check Engine warning light and the self-diagnosis indicator are on, the back-up system is in operation. Substitute a known-good ECU and recheck. If the indication goes away, replace the original ECU.



PGM-FI				IDLE CONTROL		FUEL SUPPLY	AIR INTAKE	EMISSION CONTROL
IGNITION OUTPUT SIGNAL	VEHICLE SPEED SENSOR	A/T FI Signal A	A/T FI Signal B	ELEC- TRONIC AIR CONTROL VALVE	OTHER IDLE CONTROLS			
—	—	—	—	—	—	103	107	112
①						②		
					②			
				①	②			
				①		②		
				①	②			
				①		②		
				①	②	③		
				③	①	②		
				③		①		
						③		①
						①	③	③