TROUBLESHOOTING

EGOV0-04

You will find the troubles easier using the table well shown below. In this table, each number shows the priority of causes in troubles. Check each part in order. If necessary, replace these parts.

EG

	See page	13 IG-32	6 IG-25	EG-216 EG-234	EG-211 EG-229	EG-210 EG-228	EG-208 EG-226	EG-206 EG-224	EG-212 EG-230	—	—	—	EG-235	EG-243	—	EG-246	EG-282
	Suspect area / Symptom	RPM Signal Circuit	Ignition Signal Circuit	Oxygen Sensor Circuit	Coolant Temp. Sensor Circuit	Intake Air Temp. Sensor Circuit	Air Flow Meter Circuit	Throttle Position Sensor Circuit	STA Signal Circuit	Knock Sensor Circuit	NSW Signal Circuit	A/C Signal Circuit	Fuel Pump Circuit	Fuel Pressure Regulator	Fuel Lines	Injectors	Fuel Pressure Control VSV Circuit
Does not start	Engine does not crank										2						
	Starter runs — engine does not crank																
	No initial combustion	12	1				5						6				
	No complete combustion				5		2							4		10	
Difficult to start	*Engine cranks slowly*											2					
	Under normal condition	13	14		5	15							8	7	9	17	
	Cold engine				1	6			2				8	7	9	10	
	Hot engine				1	6							8	7	9	10	5
Poor idling	Incorrect first idle				2												
	High engine idle speed				2	4		5			7	6				8	
	Low engine idle speed				1		4									5	
	Rough idling		18		3		13						8	7	9	17	
	Misfire		5		7		9									10	
Poor drivability	Hesitation Poor acceleration			12	10	11	9	8					14	13	15	18	
	Backfire			7	4	8	6	5					10	9	11	12	
	Muffler explosion (after fire)			8	3	7	5	6						4		9	
	Surging													2		5	
	Knocking									1							
Engine stall	Soon after starting				9		8						4	3	5	10	
	After accelerator pedal depressed						1	3						5	6	7	
	After accelerator pedal released						3										
	During A/C operation											1					
	When N to D shift										1						
Others	*Poor fuel economy*			19	14	20	16	15			17	18				12	13
	Engine overheat									9							
	Engine overcool																
	Excessive oil consumption																
	Low oil pressure																
	High oil pressure																
	Starter keeps running																
	Battery often discharges																

HINT: When inspecting a wire harness or circuit, the electrical wiring diagrams at the end of repair manual should be referred to and the circuits of related systems also should be checked.

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EG-214-232	EG-272	EG-273	EG-295	EG-291	–	–	–	–	–	ST-4	IG-10-29	IG-15-34	–	–	–	–	EG-35	EG-15	EG-112	EG-120
ISC Valve Circuit	EFI Main Relay Circuit	Circuit Opening Relay	Fuel Cut System	ECU	Fuel Quality	Fuel Leakage	Coolant Leakage	Vaccum Leakage	Oil Leakage	Starter	Spark Plug	Distributor	EGR System	Accelerator Pedal Link	Brakes Drag Even when Released	Cooling Fan System	Compression	Valve Clearance	Valve Timing	Timing Chain
										1										
										1										
8	3	4		13	7							2					9		10	11
3									1								6		8	9
										1										
4				18	2				1		3	16	6				10		12	
5				11	4				3											
4				11	3				2											
3				4										1						
3				9										1						
2				6									3							
10				19	2				1		5	6	4				11	14	15	16
				11	2				1		4	6	3				8			
				19	3				1		5	6	4		2		7	16	17	
				13					1				2						3	
			1	10															2	
				6					1		3	4								
				10	2						3		4			7			5	
7				11	2				1				6							
				8							4		2							
1				4									2							
2				3																
2				3																
			6	2	2	1					7	8	5	3	4		9		11	
							1				8					2			7	5
																1				
								1									3			
								1												
										2										

EG

	See page	EG-352	EG-58	EG-368	EG-138	EG-142	EG-38	EG-150	–	EG-358	EG-355	CH-6	–	–	CH-10	EG-135
	Suspect area	Water Pump	Valve Stem Guide Bushing	Oil Pump	Connecting Rod Bearing	Crankshaft Bearing	Cylinder Head	Piston Ring	Fly Wheel Drive Plate	Radiator and Radiator Cap	Thermostat	Drive Belt	ECT Sender Gauge	Oil Pressure Switch	Alternator	Cylinder Block
Does not start	Engine does not crank															
	Starter runs – engine does not crank								2							
	No initial combustion															
	No complete combustion							7								
Difficult to start	Engine cranks slowly				3	4										
	Under normal condition							11								
	Cold engine															
	Hot engine															
Poor idling	Incorrect first idle															
	High engine idle speed															
	Low engine idle speed															
	Rough idling						20	12								
	Misfire															
Poor drivability	Hesitation Poor acceleration															
	Backfire															
	Muffler explosion (after fire)															
	Surging															
	Knocking	9								6	8					
Engine stall	Soon after starting															
	After accelerator pedal depressed															
	After accelerator pedal released															
	During A/C operation															
	When N to D shift															
Others	Poor fuel economy							10								
	Engine overheat	6		10			11			3	4		13			12
	Engine overcool										2		3			
	Excessive oil consumption		2				5	4								6
	Low oil pressure			2	3	4								5		
	High oil pressure			1										2		
	Starter keeps running															
	Battery often discharges											1			2	

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