TROUBLESHOOTING

EG0V0-07

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.

	See page	CH-6	ST-4	IG-12	IG-10	IG-11	IG-8	EG-23	EG-164	—	EG-132 EG-147	EG-146	EG-147	IG-4
	Suspect area / Symptom	Battery	Starter	Distributor	Ignition Coil	Igniter	Spark Plug	Ignition Timing	Fuel Pump	Fuel Lines	Automatic Chock	Needle Valve	Fuel Cut Solenoid Valve	Ignition Circuit
Does not start	Engine does not crank	1	3											2
	Starter runs—engine does not crank		1											
	No combustion			3	2	4		10	5		6	7	8	1
	No complete combusion													
Difficult to start	Engine cranks slowly	1	2											
	Engine cranks normally			8	7	9	2	10	5	6	4	3		
	Cold engine								3	4	1			
	Hot engine								3	4	1			
Poor idling	Incorrect first idle													
	High engine idle speed							4			3			
	Low engine idle speed							2						
	Rough idling			6	5	7	4		8	9				
	Misfire			4	3	5	2							
Poor drivability	Hesitation acceleration			9	8	10	7		12	13	5			
	Backfire							1	4	5	2			
	Muffler explosion (after fire)							3			1			
	Surging			3	2	4	1							
	Knocking						3	2						
Engine stall	Engine stall soon after starting								2	3				
	After acceleration pedal depressed									1				
	After acceleration pedal released													
	During A/C operation										4			
Others	Poor fuel economy			9	8	10	7				3			11
	Engine overheat						7							
	Engine overcool													
	Excessive oil consumption													
	Low oil pressure													
	High oil pressure													
	Starter keeps running		2											1
	Battery often discharge													

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

EG

	See page	EG-33	EG-101	EG-86	EG-179	EG-176	CH-6	–	–	CH-10	–	–	–	–
	Suspect area / Symptom	Cylinder Head	Piston Ring	Cylinder Block	Radiator and Radiator Cap	Thermostat	Drive Belt	Water Temp. Sender Gauge	Oil Pressure Switch	Alternator	Flywheel	Accelerator Pedal Link	Brakes drag even when released	Clutch
Does not start	Engine does not crank													
	Starter runs – engine does not crank										2			
	No combustion													
	No complete combusion		2											
Difficult to start	Engine cranks slowly													
	Engine cranks normally		12											
	Cold engine													
	Hot engine													
Poor idling	Incorrect first idle											1		
	High engine idle speed											1		
	Low engine idle speed													
	Rough idling	14	11											
	Misfire													
Poor drivability	Hesitation acceleration												2	1
	Backfire													
	Muffler explosion (after fire)													
	Surging													
	Knocking				4	5								
Engine stall	Engine stall soon after starting													
	After acceleration pedal depressed													
	After acceleration pedal released													
	During A/C operation													
Others	Poor fuel economy											4	6	5
	Engine overheat	10	9	11	2	3	4	12						
	Engine overcool					1		2						
	Excessive oil consumption	4	3	5										
	Low oil pressure								5					
	High oil pressure								2					
	Starter keeps running													
	Battery often discharge						1			2				

V05435

—	EG-154	EG-138	EG-146	EG-25	EG-29	—	—	—	—	EG-31	EG-16	EG-65	EG-72	EG-173	EG-194	EG-48	EG-89	EG-92
A/C Idle-Up	Float Level	Slow Jet	Power Valve	Idle Speed and Idle Mixture	Fast Idle Speed	Fuel Quality	Fuel Leakage	Coolant Leakage	Oil Leakage	Compression	Valve Clearance	Valve Timing	Timing Chain	Water Pump	Oil Pump	Valve Stem Guide Bushing	Connecting Rod Bearing	Crankshaft Bearing
						9				11		12	13					
										1		3	4					
																	3	4
						1												
										11		13						
						2												
					2													
					2													
				1														
		1		2		3				10	11	12	13					
						1				6								
	4		6			3				11		14	15					
												3						
	2																	
						1								6				
						1												
	2		3															
				1														
1																		
						2	1			12		13						
								1				6		5	8			
									1							2		
									1						2		3	4
															1			

V00798