

TROUBLESHOOTING

Use the below to help you find the cause of the problem.

The numbers indicate the priority of the likely cause of the problem. Check each part in order. If necessary, replace these parts.

See page		Suspect area																	Symptom																
		IG-4	IG-4	EG1-197	EG1-134, 151	EG1-131, 150	EG1-131, 151	EG1-130, 148		-	-	-	EG1-163	EG1-172	EG1-178	EG1-174		EG1-169, 193																	
Does not start	Engine does not crank																																		
	Starter runs – engine does not crank																																		
Difficult to start	No initial combustion	12	2				5						6																						
	No complete combustion				4		1							3		9	10	2																	
Poor idling	Engine cranks slowly											2																							
	Engine cranks normally	12	13		4	14							7	6	8	16	17	3																	
Poor driveability	Cold engine				1	6		2					8	7	9	10	5	4																	
	Hot engine				1	5							8	7	9	10	6	3																	
Engine stall	Incorrect first idle				3													4																	
	High engine idle speed				4	6		7			9	8				10	11	5																	
Others	Low engine idle speed				1		4									5		2																	
	Rough idling		18		2		12						7	6	8	16	17	9																	
Engine stall	Misfire		4		6		8									9	10																		
	Hesitant acceleration			12	10	11	9	8					14	13	15	18	19																		
Poor driveability	Backfire			6	3	7	5	4					9	8	10	11																			
	Muffler explosion (after fire)			8	3	7	5	6						4		9	10																		
Engine stall	Surging													1		4																			
	Knocking								1																										
Others	Engine after starting				8		7						3	2	4	9	10	6																	
	After accelerator pedal depressed						1	3						5	6	7																			
Engine stall	After accelerator pedal released						3											1																	
	During A/C operation											1						2																	
Others	When shifting N to D										1							2																	
	Poor fuel economy			21	16	22	18	17			19	20				14	15																		
Engine stall	Engine overheat								9																										
	Engine overcool																																		
Others	Excessive oil consumption																																		
	Low oil pressure																																		
Engine stall	High oil pressure																																		
	Starter keeps running																																		
Others	Battery often discharge																																		

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

See page		EG1-191	EG1-192	EG1-205	EG1-195	EG1-201	-	-	-	-	ST-15	CL-Seq.	ST-4	IG-6	IG-8	EG1-91	-	-
Suspect area		EFI Main Relay	Circuit Opening Relay	Fuel Cut System	Fuel Pressure Control Solenoid	Engine Control Module	Fuel Quality	Fuel Leakage	Engine Coolant Leakage	Oil Leakage	Starter Relay	PNP SW or Clutch Start SW	Starter	Spark Plug	Distributor	EGR System	Accelerator Pedal Link	Brakes Drag Even When Released
Symptom																		
Does not start	Engine does not crank										1	3	2					
	Starter runs – engine does not crank												1					
	No combustion	3	4			14	7								1			
	No complete combustion					11												
Difficult to start	Engine cranks slowly												1					
	Engine cranks normally					18	1							2	15	5		
	Cold engine					11	3											
	Hot engine				4	11	2											
Poor idling	Incorrect first idle					5											1	
	High engine idle speed					12											1	
	Low engine idle speed					6										1		
	Rough idling					19	1							4	5	3		
	Misfire					11	1							3	5	2		
Poor driveability	Hesitant acceleration					20	3							5	6	4		2
	Backfire					12										1		
	Muffler explosion (after fire)			1		11												
	Surging					5								2	3			
	Knocking					10	2							3		4		
Engine stall	Soon after starting					11	1									5		
	After accelerator pedal depressed					8								4		2		
	After accelerator pedal released					4										2		
	During A/C operation					3												
	When shifting N to D					3												
Others	Poor fuel economy			8			2	1						9	10	7	3	6
	Engine overheat								1					1				
	Engine overcool																	
	Excessive oil consumption									1								
	Low oil pressure									1								
	High oil pressure																	
	Starter keeps running										1		2					
	Battery often discharges																	

[illegible]