

# Carburetor

## Symptom-to-System Chart

**NOTE:**

- Across each row in the chart, the sub 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 system ②, etc.
- Before starting inspection, check that other items that affect engine performance are within specification. Check the valve clearance, air cleaner, and PCV valve. In addition, check the ignition timing, function of the vacuum and centrifugal advance, and the condition of the spark plugs. If those items are all within specifications, begin with the troubleshooting listed in this page.

PAGE	SYSTEM	CARBURETOR						FUEL SUPPLY
		IDLE SPEED/ MIXTURE	IDLE CONTROL	MANUAL CHOKE/ FAST IDLE SYSTEM	POWER VALVE	PRIMARY SLOW MIXTURE CUT-OFF SOLENOID VALVE	ACCELE- RATOR PUMP	
SYMPTOM		12	7	14	10	11	—	21
	ENGINE WON'T START					②		①
DIFFICULT TO START ENGINE WHEN COLD	WHEN COLD			①		①	②	
	WHEN WARM		②			①		
IRREGULAR IDLING	WHEN COLD FAST IDLE OUT OF SPECIFICATION			①		②		
	WHEN WARM ENGINE SPEED TOO HIGH	①	②	③				
	WHEN WARM ENGINE SPEED TOO LOW	①	①					
	ROUGH IDLE/ FLUCTUATION	①	②					
FREQUENT STALLING	WHILE WARMING UP		③	②		①		③
	AFTER WARMING UP	①	②			①		③
POOR PERFORM- ANCE	MISFIRE OR ROUGH RUNNING			①				②
	LOSS OF POWER				①		③	②
	AFTERBURN		①					
	HESITATION/ SURGE	①					②	