




b. Disassembly

1. Remove any foreign matter from around the spark plugs by blowing out with compressed air.
2. Detach the high tension cord cap and remove the spark plug with the special wrench provided in the tool kit.

c. Inspection

1. Inspect each spark plug for badly worn electrodes, broken or cracked porcelain insulator. The spark plug conditions and corrective action procedure is shown below.

Spark plug condition	Cause	Corrective action
Electrode coated with carbon deposit 	<ol style="list-style-type: none"> 1. Too rich a fuel 2. Excessive idling 3. Poor quality gasoline 4. Clogged air cleaner 5. Use of cold spark plug 	Adjust carburetor Adjust idling Use good quality gasoline Service the air cleaner Use proper heat range plug (hot type)
Electrode fouled with oil 	<ol style="list-style-type: none"> 1. Worn piston ring 2. Worn piston and cylinder 3. Excessive clearance between valve guide and valve stem 	Replace piston ring Replace piston or cylinder Replace valve guide or valve
Electrode overheated or burnt 	<ol style="list-style-type: none"> 1. Use of hot spark plug 2. Engine over heating 3. Improper ignition timing 4. Loose spark plug or damaged spark plug hole thread 5. Too lean a fuel mixture 	Use proper heat range plug Readjust ignition timing Retighten plug or replace cylinder head Adjust carburetor
Damage	Spark plug over torqued	Replace with a new spark plug

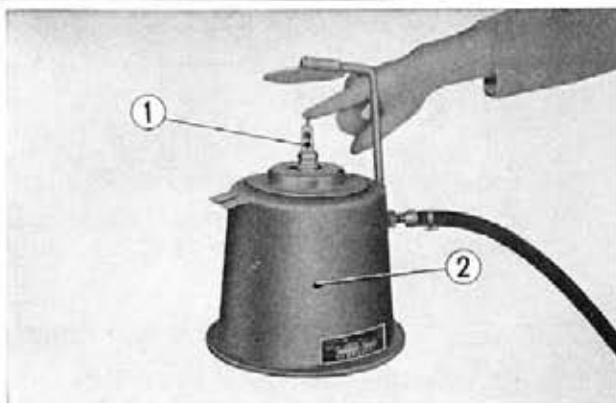


Fig. 7-11 ① Spark plug
② Spark plug cleaner

2. Plug cleaning is best performed by spark plug cleaning set, however, lacking this set, a satisfactory job can be performed by using a wire brush or stiff pin to remove the deposits and washing in gasoline. (Fig. 7-11)