McCULLOCH

SERVICE BULLETIN # 1133

SUBJECT: SPARK PLUG CLEANING

MODEL: ALL

DATE: 6/15/61

A few weeks ago, one of our service representatives was asked to check an engine which had been returned by a customer in Michigan. The customer complained of excessive wear after the engine had been in operation for only a short time. An examination of the engine showed abnormal wear of the piston rings, a scored cylinder wall, and excessive wear of the other moving parts.

After investigating, it was learned that the customer lived next door to a gasoline station and at regular intervals he was having his spark plug cleaned in the spark plug cleaning machine at the station. Further investigation revealed that the station attendant neglected to use solvent to degrease the spark plug before placing it in the abrasive-blast cleaner. As a result, the oily, greasy coating on the spark plug caught and held the abrasives and was not removed by the air blast. When the plug was reinstalled and the engine was run, the abrasive particles left on the plug fell into the working parts of the engine.



We join with other engine manufacturers in warning against abrasive-blasting of spark plugs due to the danger of dirt and grit remaining in the plug and entering the cylinder and causing extreme wear of piston rings and cylinder wall.

Spark plugs should be cleaned with a WIRE BRUSH and then WASHED IN A SOLVENT to remove all dirt and grit residue.

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