McCULLOCH

SERVICE BULLETIN #1121

SUBJECT **CYLINDER HEAD GASKETS**

MODEL **ALL**

DATE **1/25/61**

Cylinder head gaskets used on McCulloch Chain Saw and Kart Engines are made from soft aluminum with a thickness necessary to fit the design requirements of each engine. Thickness of the cylinder head gasket is very important. If a gasket of the wrong thickness is installed, it will make a great difference in the engine operation. When too-thin a cylinder head gasket is used, the piston may strike against the inside of the cylinder head and damage the piston and the cylinder head. A thin gasket will also raise engine compression and cause an increase in combustion chamber temperature. The increase in temperature may result in a loss of power from pre-ignition or detonation. When the cylinder head gasket is too thick, compression will be lowered and this also will result in loss of power. The correct cylinder head gaskets for use on McCulloch Chain Saw and Kart Engines, are given by Part Number, Thickness and Engine Model in the following table:

PART NO.	THICKNESS	MODEL
24057	0.040 inch (.102 Cm)	99, 7-55
28025	0.025 inch (.064 Cm)	4-30
51239	0.064 inch (.163 Cm)	55, D-44
52222	0.064 inch (.163 Cm)	33, 33B, S-33, 35, 39, Mac 35, Mac 35A
55012B	0.064 inch (.163 Cm)	D-30, D-36, S-44, S-55, S-44A, S-55A, 1-40, 1-50, 1-60, 1-70, 1-80, 1-41, 1-51, 1-61, 1-71, 1-81, 1-81HD
48672	0.050 inch (.127 Cm)	Mc-10 (accessory)
48698	0.125 inch (.218 Cm)	Mc-10 (stroked model)
48742	0.016 inch (.041 Cm)	Mc-5 (accessory)
48816	0.080 inch (.203 Cm)	Mc-6 (can be used in place of 55012B to reduce pre-ignition)
55012B	0.064 inch (.163 Cm)	Mc-5, Mc-10 (standard engines) (also used on early Mc-6 engines)

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