McCULLOCH

SERVICE BULLETIN #1131

SUBJECT: TESTING HI-OUTPUT COILS

MODEL 1-71, 1-81, 1-81HD, 1-82, 1-85, 1-92, MC-20

DATE 5/25/61

A Hi-Output Coil and Terminal Assembly, P/N 55949A, is used on Model 1-71, 1-81, 1-81HD, 1-82, 1-85 and 1-92 chain saw engines and on the MC-20 Kart engine. This coil and terminal assembly can be tested on a Graham Model 51 Coil Tester. The coil should test within the specifications listed below:

CONTINUITY IN OHMS		COIL	COIL	GAP
Secondary	Primary	INDEX	TEST	INDEX
5200 Min.	.70 Min.	60	23 Min.	65
- - - - -	1.20 Max.	- -	- - - -	--

The above readings should be obtained with the coil and lamination assembly removed from the engine and placed on a dry non-metallic surface while making the test. If the coil is tested on the engine and either the flywheel magnets or the counterbalance are near the coil laminations, the effective inductance of the coil will be changed and wrong readings will be obtained.

When making the test, the positive (red) lead from the coil tester is connected to the primary connection on top of the coil. The negative (black) lead from the coil tester is connected to the lamination and the ground lead from the coil.

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