McCULLOCH

SERVICE BULLETIN # 1154

SUBJECT TEST SPECIFICATIONS FOR McCULLOCH IGNITION COILS

MODEL ALL ENGINES DATE 1/11/62

This service bulletin gives the test specifications for testing the various McCulloch Ignition Coils on either the Graham, Model 51 Coil Tester or on the Mercrotonic, Model 88 Coil Tester. Separate specification tables are given for each coil tester and the values listed for one make coil tester can not be used for the other coil tester

GRAHAM, MODEL 51 COIL TESTER

Coil Identification *	Primary Continuity (1000 ohms)	Secondary Continuity (1000 ohms)	Coil Index	Coil Test	Gap Index
C-2 to I-7	0.025 to 0.50	3.5 to 5.0	60	13 min.	47 max.
J-7 to K-8	0.025 to 0.50	2.0 to 3.0	60	12 min.	67 max.
L-8 to F-1 **	1.1 to 1.5	3.0 to 4.0	60	24 min.	75 max.
F-1 on	0.7 to 1.2	5.5 to 7.2	60	22 min.	67 max.

* Stamped on flywheel side of coil (bottom)

** Coils F-0 to F-1 with a red dot on the coil case near the primary ground terminal are Hi-Output coils and use the specifications for the F-1 on, Hi-Output coils.

MERC-O-TRONIC, MODEL 88, COIL TESTER

Coil Identification *	Operating Amperage	Primary Continuity	Secondary Continuity
C-2 to I-7	2.5	0.2 to 0.4	37 to 47
J-7 to K-8	2.5	0.2 to 0.4	20 to 30
K-8 to F-1 **	1.6	0.6 to 0.9	30 to 40
F-1 on	1.6	0.45 to 0.70	45 to 55

* Stamped on flywheel side of coil (bottom)

** Coils F-0 to F-1 with a red dot on the coil case near the primary ground terminal are Hi-Output coils and use the specifications for the F-1 on, Hi-Output coil.

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TESTING PROCEDURE

ALL TESTING MUST BE DONE WITH THE COIL AND LAMINATION ASSEMBLY REMOVED FROM THE ENGINE!

When the coil and lamination assembly is tested on the engine, either the flywheel magnet or the flywheel counter-balance will be near enough to the coil to change the effective inductance of the coil and false readings will be obtained. Always remove the coil and lamination assembly from the engine and place on a dry non-metallic surface when making the test.

Follow the instructions given for the coil tester being used, connecting the positive or red lead (either model) to the primary connection on top of the coil. Connect the negative or black lead (either model) to the primary ground lead and to the lamination assembly. Use the specifications given in the coil tester table for the coil being tested Any coil that does not meet specifications must be replaced.