



# FACTORY SERVICE BULLETIN

<b>Number</b>	SVB-172
<b>Model</b>	ME, ML-100
<b>Subject</b>	LIGHTING COIL

When installing a "replacement" lighting coil or magneto assembly in the F500K engine, the replacement part must be modified to correspond to the chassis wiring loom. See Illustrations 1 and 2, reverse side, for modification. Procedure is outlined below.

1. Disconnect ground on lighting coil (#9200-5004) and splice in white wire. Route with magneto sub-loom to chassis wiring loom.

**NOTE:** All connections must be soldered and taped to avoid shorts. Take care during soldering. Do not allow coil wire to over-heat.

2. Disconnect blue wire at ground lug and remove from sub-loom.

**NOTE:** Do not confuse high tension coil lead with sub-loom lead. See Illustration #2.

For further information, see: SVB-123      Wiring Diagram  
    SVB-157B      Engine Specifications

ELECTRICAL TEST VALUES			Resistance
(Part No. 92005001)			(Ohms)
High Tension Coil (P/N 92005011)	= Black to ground	=	1.4
	= Ground To Spark Plug Wire	=	5,750
Primary Ignition Coil (P/N 92005002)	= Black to ground	=	0.8
Lighting Coil, Small (P/N 92005002)	= "Tap" wire to Black (Yellow/White)	=	.075
Lighting Coil, Large (P/N 92005004)	= White to "Tap" wire	=	1.2
	= White to Violet (Green/White)	=	0.03
	= "Tap" wire to Violet (Green/White)	=	0.09

**NOTE:** All values  $\pm$  10%

