large, flat flywheel washer over crankshaft at top of flywheel and install elastic stop nut on crankshaft. Tighten to 65 ft. pounds with Torque Wrench (91-25667). (See Torque Specification Chart, Miscellaneous Section VIII.)

F. Remote Control, 4 and 2 Cylinder Motors (Figure 17)

After parts have been thoroughly inspected, wiring and switches tested according to Trouble Chart, following, remote control is now ready for reassembly.

Lead wires from control wiring harness are to be soldered to starting switch.

Note: On Mark 55E and 50E, green lead is soldered to wider terminal on back side of switch. Place this wider terminal at bottom and solder. Installing counterclockwise, lead wires are green - red - black (solder 2 black lead wires together here; one leads to choke control switch) - yellow - white.

Wiring harness can be checked for broken or shorted wires by using Continuity Tester (91-22966) or Magneto Analyzer (91-25213). Place one lead of meter on plug end and opposite lead of meter on starting switch end of lead. Check to see that current flows through wire. If not, wire is shorted or broken. Check each individual lead the same way. (Refer to wiring diagrams, Figures 4 and 5, for correct leads and terminals and see Back of Starter Switch Diagram, Figure 18, and chart following.)

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MercElectric Ignition & Starter Switches

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Figure 17. Electric Remote Control Assembly

Electric Remote Control Assembly

1 Housing, rear half
2 Plate, housing divider
3 Nut, cable clip screw
4 Washer, cable clip screw
5 Clip, choke wire to plate
6 Screw, cable clip
7 Clip, harness to plate
8 12" washer, clip screw
9 Screw, cable clip
10 Wire, choke to starter switch
11 Cap, choke/starter buttons
12 Starter switch
13 Choke switch
14 Housing, front half
15 Bezel, starter button
16 Wiring harness
17 Terminals, battery

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Figure 18. Back of Starter Switches