

NUMBER: 79-10

DATE: 6/6/79

- A. Service Tools (1) Direct Voltage Adaptor, (2) Variable Speed Pulser
- B. Oversize (.030") Piston \* Merc 40-70-80-90-115-140 HP Models

**CIRCULATE TO:  
SERVICE MANAGER  
PARTS MANAGER  
MECHANICS**

## A. SERVICE TOOLS

*(Attach Service Bulletin Sticker to P. IOC-2 in Your C-90-74041 Service Manual.)*

### Direct Voltage Adaptor (C-91-89045)

The Direct Voltage Adaptor (DVA) is an ignition tester for checking the primary ignition voltage output of Alternator Driven (DISTRIBUTOR-LESS) and Battery CD (DISTRIBUTOR TYPE) Ignition Systems.

The DVA is designed for use with Quicksilver VOA Meter C-91-62562A1 (also part of Quicksilver Thunderbolt Ignition Analyzer C-91-62563A1) or an equivalent VOA meter. Complete test instructions (supplied with DVA) provide an accurate and easy-to-use method for ON ENGINE TROUBLESHOOTING (engine running or at "cranking" speed) of CD ignition components.

This method of ignition system testing will reduce your troubleshooting time -- and that saves you and your customer money. Order from your Branch or Distributor today!

**C-91-89045                      Direct Voltage Adaptor (DVA)**

### Variable Speed Pulser (C-91-74971)

The Variable Speed Pulser (C-91-74971), which is designed for testing/troubleshooting Battery CD (DISTRIBUTOR TYPE) Ignition Systems, has been available for some time.

The Pulser (used in conjunction with Quicksilver VOA Meter C-91-62562A1) simulates a trigger signal for the purpose of testing the switchbox and ignition coil under actual load conditions from "idle" to "wide-open-throttle".

If your shop does not have this piece of test equipment, we suggest that you order from your Branch or Distributor today.

**C-91-74971                      Variable Speed Pulser**

## B. OVERSIZE (.030") PISTON \* Merc 40-70-80-90-115-140 HP Models

*(Attach Service Bulletin Sticker to PP 6B-10, 6C-8 and 6D-11 in Your C-90-74041 Service Manual.)*

Order .030" oversize pistons and rings for Merc 40-70-80-90-115 and 140 HP models from the following descriptions:

**NOTE: Piston and pin assemblies are complete with piston rings.**

Merc Model	Part No.	Description
140 HP	745-7575A2	.030" Oversize Piston
70 HP	745-7576A2	.030" Oversize Piston
40-90-115 HP	745-7577A2	.030" Oversize Piston
80 HP	745-7578A2	.030" Oversize Piston
All Above	39-88392A12	Oversize Ring