

NUMBER: 83-2

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CIRCULATE TO:
SERVICE MANAGER
PARTS MANAGER
MECHANICS
"Place in a Service
Bulletin Binder"

A. NEW QUICKSILVER MULTI-METER/DVA TESTER (C-91-99750)

A new Quicksilver Multi-Meter/DVA Tester (C-91-99750) is now available for electrical/ignition system testing.

This new instrument is a VOA Meter with a built-in Direct Voltage Adaptor (DVA) and is capable of performing measurements for proper electrical/ignition system testing of Mercury-MerCruiser-Mariner products. It can also be used with Reference Electrode Assembly (C-76675A1) to check galvanic corrosion protection.

It is packaged in a convenient carrying case and includes detailed instructions, test leads and a spare fuse.

NOTE: Quicksilver Multi-Meter/DVA Tester C-91-99750 SUPERSEDES Quicksilver Volt/Ohm Meter C-91-93572.

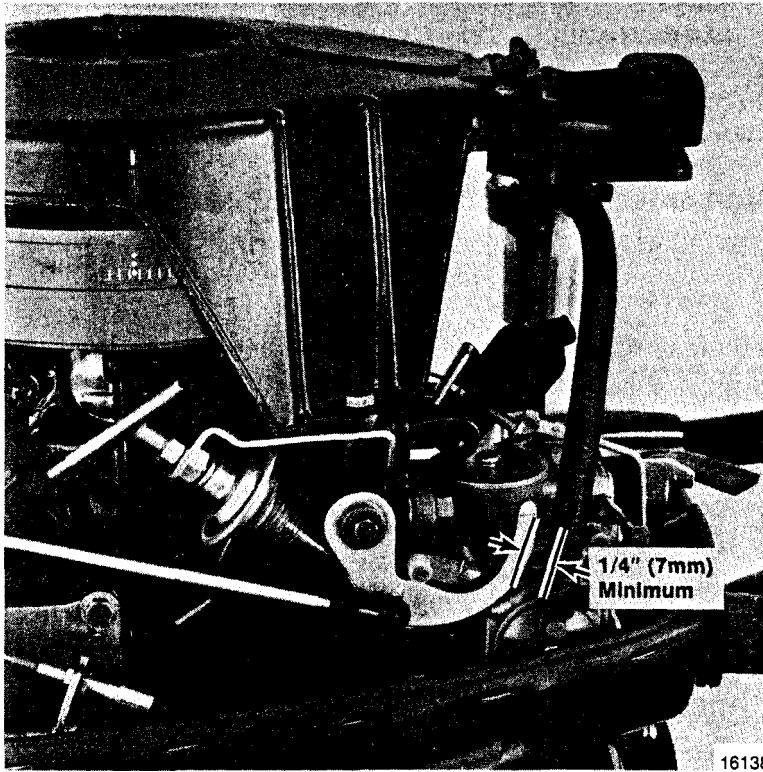
C-91-99750 Quicksilver Multi-Meter/DVA Tester



16505

B. MERC 18-25 THROTTLE CAM/FUEL LINE CLEARANCE

As a precaution when servicing the Merc 18-25 models BE SURE there is a minimum $\frac{1}{4}$ " (7 mm) clearance between the Throttle Cam and Fuel Line at Wide Open Throttle (Figure 2). Position the Fuel Line to obtain proper clearance. If the Throttle Cam touches the Fuel Line the throttle might remain open when the Throttle Control is returned to idle.

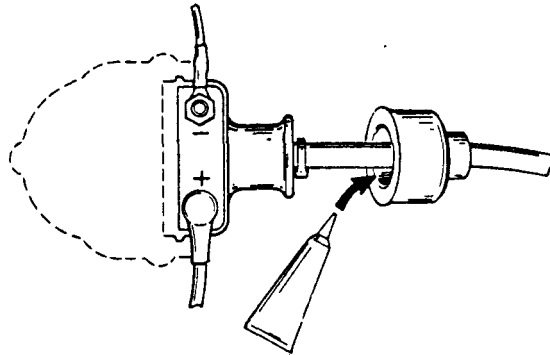


C. INSULATING COMPOUND (C-92-41669-1)

Production has been using Insulating Compound C-92-41669-1 to seal, waterproof and insulate various electrical terminations. It has proven to be so effective it is offered as a Service item.

Some suggested uses are:

1. ALL Models: apply beneath the tower boot of the Ignition Coil (Figure 3). Slide the boot back, be sure the spark plug wire is all the way in the tower, apply Insulating Compound under the boot and slide the boot back over the tower.



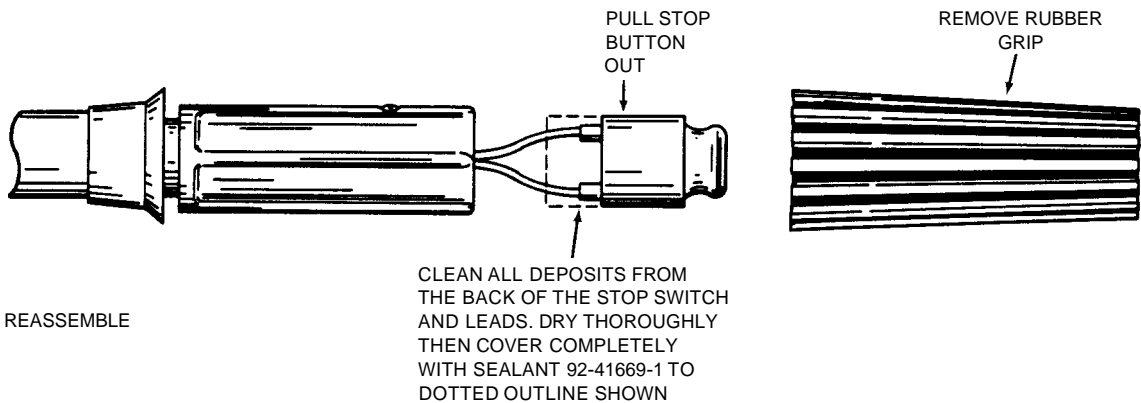
2. Special Notes for Merc 18/25. In the event of unexplained rough running and/or kick-back when starting OR DURING ANY periodic maintenance, the following is recommended.

CLEAN & DRY
THE AREA WHERE
THE BOOTS FIT

FILL THESE
THREE BOOTS
COMPLETELY
WITH MERC
ELECTRICAL Sealant
P/N 92-41669-1

SWITCH
BOX

ADD BOOT #85-65208
TO THIS STUD.
REMOVE NEOPRENE
SLEEVE FROM BLK/YEL
STATOR WIRE.
FEED BOTH WIRES
INTO BOOT.



D. WARRANTY AUTHORIZATION (U.S. and CANADA ONLY)

There will be instances where you feel that the replacement of a major component is necessary. When the Regional Service Center authorizes such a replacement, you will be given an authorization code number to write on the claim form. This allows our claims processor to verify who approved the claim and the accuracy of the verbal details given to him. We have developed this procedure to minimize any delays or misunderstandings concerning pre-authorized warranty claims. Claims without an authorization code number will not be recognized as having prior approval.

As part of the authorization process, we will arrange to have the required component shipped to you under special credit terms that eliminate the 2% monthly service charge. You will, though, be expected to submit a claim for the part/s within 60 days of the billing date. Failure to do so will jeopardize your privilege of receiving parts under special terms.