

NUMBER: 84-12

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

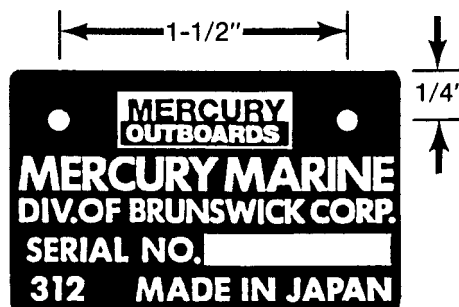
- A. Merc 2.2 Serial Plate
- B. Remote Control Cable Retainer P/N 42846A2
Mariner 20 (US. built)
Merc 18XD & 25 XD
- C. Merc 4.5 Carburetor Calibration (Walbro) Serial Nos.
US. 6428076 thru 6543696
Canada 7208223 thru 7216807

A. MERC 2.2 SERIAL PLATE

The serial plate was originally secured with adhesive to the top of the swivel bracket. Some tended to loosen when soaked with fuel/oil mixture.

Later production secured the serial plate with two drive screws (10-69707). Install drive screws on earlier production engines as follows:

1. Use a center punch to locate two (2) holes on the serial plate approximately 1½" apart and ¼" from the top edge. The exact location is not critical, but should be symmetrical for a professional appearance. See below.

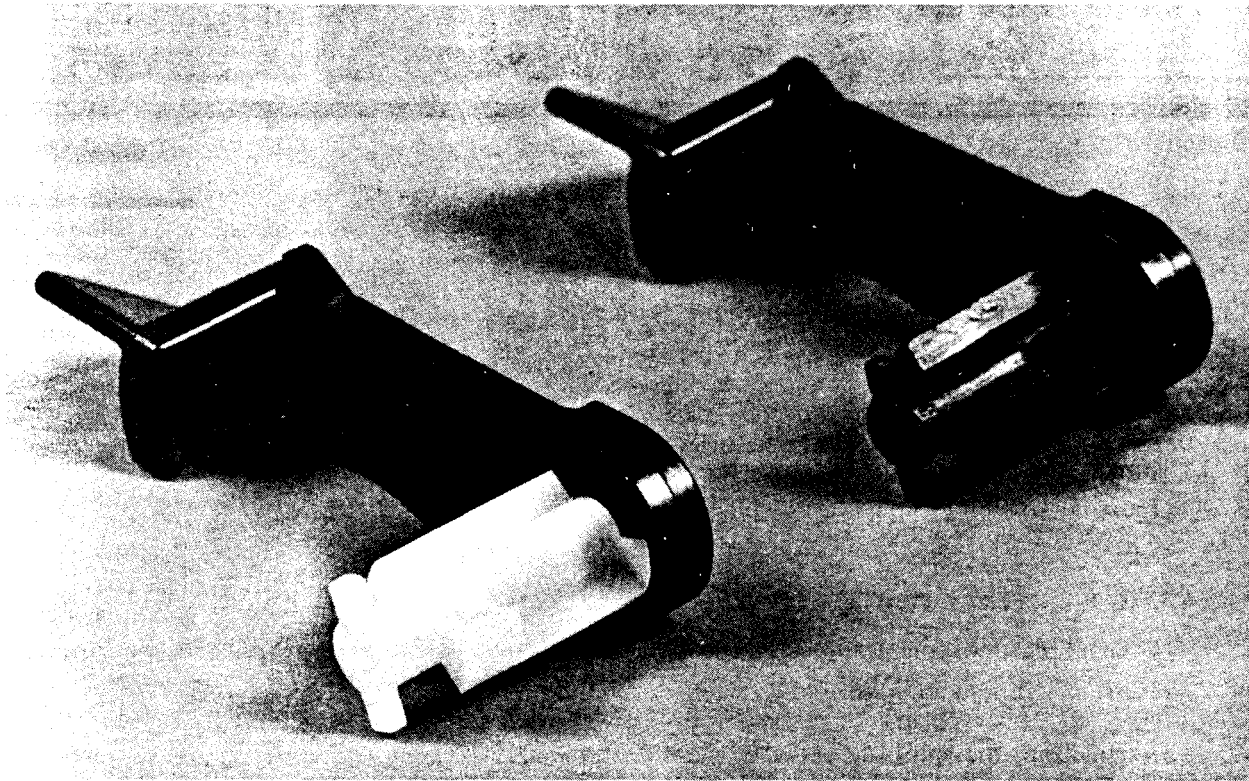


2. Use a #39 drill (.0995") and drill completely through serial plate and swivel bracket.
3. Install drive screws (10-69707) with ball peen hammer.

B. REMOTE CONTROL CABLE RETAINER P/N 42846A2

Mariner 20 (U.S. built)
Merc 18XD & 25XD

Remote control cable retainer has been revised (and superseded) to ease assembly and to better insure retention. The new revised retainer has a white pivot shaft for easy identification, the original retainer was all black. (Figure 2)



**New Retainer
(White Pivot Shaft)**

**Old Retainer
(All Black)**

C. MERC 4.5 CARBURETOR CALIBRATION (WALBRO) SERIAL NOS.

U.S. 6428076 thru 6543696

Canada 7208223 thru 7216807

Continued testing of Merc 4.5 outboards (within above serial number groups) indicates a possible lean-fuel condition when accelerating or decelerating. If the condition is severe, the outboard will actually stop.

To correct this lean-fuel condition, whenever servicing (for any reason) a Merc 4.5 within the above serial number groups, proceed as follows:

1. Replace the original .034" main fuel jet with a .036" main fuel jet (1399-3026).
2. Readjust throttle pickup timing to 10° to 12" ATDC (position piston .020" ATDC).
3. Identify the carburetor with the .036" main fuel jet by placing two punch marks (:) after the carburetor number WHD-1 on the carburetor bowl.