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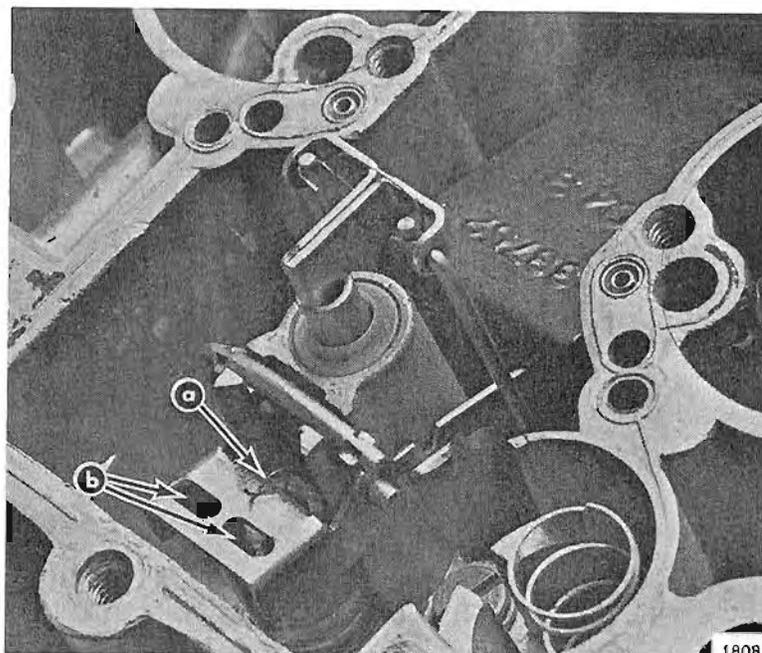
- A. Rochester Quadrajets Carburetor Flooding
- B. Modifying 1347-9142A2 Rochester Carburetor for Use on MCM 488 and Early MCM 190 with 10° Wedge
- C. Torx® Screwdrivers Used on Rochester Quadrajets Carburetors
- D. Serial Numbers

A. ROCHESTER QUADRAJET CARBURETOR FLOODING

We have received several Rochester Quadrajets carburetors back under warranty because of a flooding condition that could not be corrected. Inspection of these carburetors revealed the following causes for the flooding condition.

1. Dirt or metal chips in the inlet seat area.
 - a. Whenever repairs are done to a carburetor, remove fuel filter and blow out fuel inlet passage from inlet seat side. Clean fuel filter and reinstall. The rest of the fuel inlet system should be checked and cleaned as necessary.
2. Inlet needle seat damaged during installation.
 - a. Use a wide bladed screwdriver when installing inlet seat. Inspect seat for damage after installation.
3. Inlet needle pull clip hooked onto float arm at incorrect location.
 - a. Install inlet needle pull clip onto float arm as shown in Figure 1.

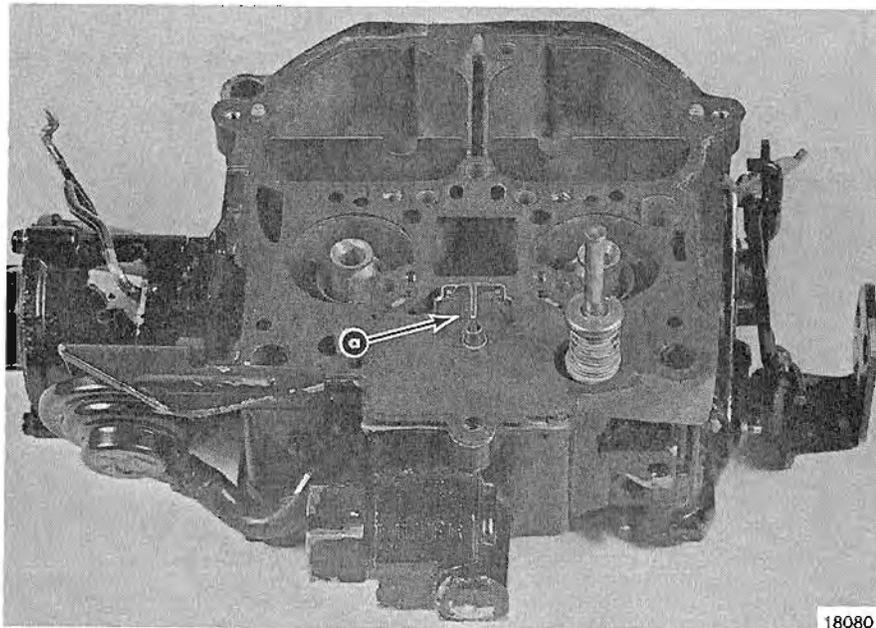
IMPORTANT: DO NOT install pull clip in either hole because needle will not seat properly.



a - Hook over end of float arm
b - DO NOT hook in these holes

Figure 1. Pull Clip Installation

IMPORTANT: Make sure gasket is installed **ON CARBURETOR BODY** before installing air horn, as shown in Figure 2. If gasket tab is on top of Power Piston and Metering Rods, a lean condition at mid throttle will occur.



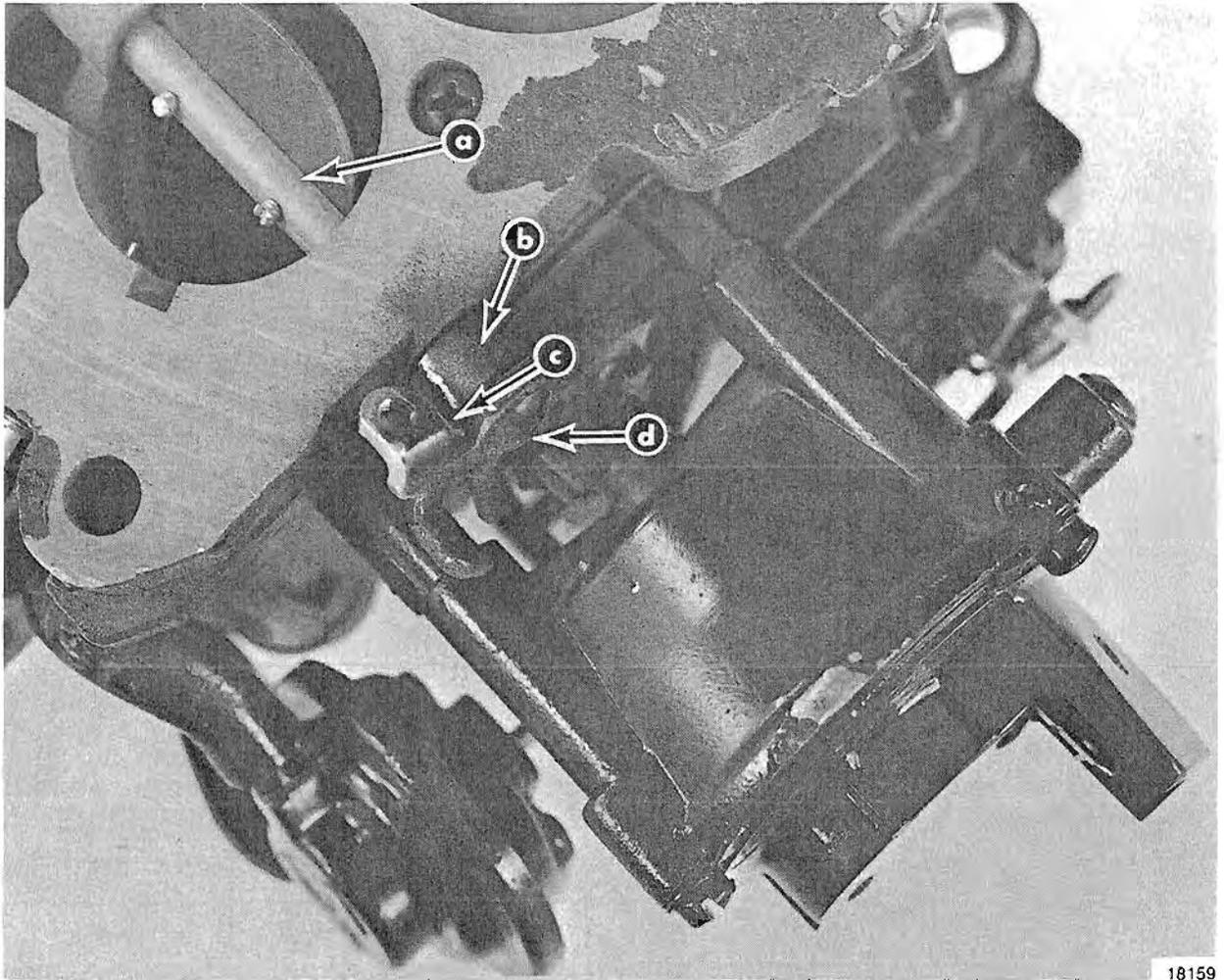
a - Tab **MUST BE UNDER** Power Piston and Metering Rods

Figure 2. Correct Gasket Installation

B. MODIFYING 1347-9142A2 ROCHESTER CARBURETOR FOR USE ON MCM 488 AND EARLY MCM 190 WITH 10° WEDGE

The original MCM 488 carburetor (1347-8460A3), has been superseded by the MCM 190 carburetor (1347-9142A2). Before installing the 1347-9142A2 carburetor on a MCM 488 or early MCM 190 with 10° wedge, remove and discard the choke pull-off lever, spacer and screw as shown in Figure 3. These parts must be removed because they will hit the 10° wedge when installing the carburetor.

IMPORTANT: DO NOT remove these parts when installing the 1347-9142A2 carburetor on MCM 190 engines **WITHOUT** the 10° wedge (carburetor setting flat on intake manifold).



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- a - Throttle Shaft
 - b - Spacer
 - c - Lever
 - d - Screw
- Remove and Discard

Figure 3. Modifying 1347-9142A2 Carburetor

C. TORX® SCREWDRIVERS USED ON ROCHESTER QUADRAJET CARBURETORS

Later Rochester Quadrajet carburetors will have a “star” shaped socket in the head of the screw. A TORX® screwdriver must be used on this type of screw. The three sizes used are #9, #20 and #25.

D. NEW SERIAL NUMBERS

In the near future, you will begin seeing Mercury Marine products that have serial numbers consisting of one alphabet character and six numerals. A typical example is A100100. This type of number will be used wherever seven numeral serial numbers were used in the past. The use of alpha-numeric serial numbers does not change the nature of our system. The numbers are assigned consecutively and do not contain any inherent meanings.