

Warranty Information Service Information

Outboard No. 2003-04

 Parts Information

Circulate to:

 Sales Manager Accounting Service Manager Technician Parts Manager

## SST-120/S-2000 Single-Float Carburetor Float Adjustment

### Models Affected

All SST-120/S-2000 outboards (race model year 2001 and newer).

### Situation

Some engines with WMV, single float carburetors may experience poor running quality.

### Inspection

All SST-120/S-2000 outboards race model year 2002 and newer use three WMV, single-float carburetors. If the outboard is of race model year 2002 or newer, proceed with **Correction**, below.

Some 2001 race model year outboards may use three dual-float carburetors. If the outboard is of race model year 2001, inspect the float chamber. If the carburetors have a single float container, proceed with **Correction**, below.

### Correction

If you are experiencing poor running conditions, check each carburetor's float height and adjust if necessary.

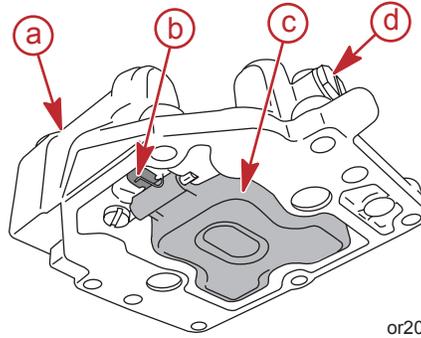
To adjust the float height:

1. Disconnect the fuel hoses leading to the carburetors (from the enrichener valve and fuel pump).
2. Loosen the jet retainer plug from each carburetor and drain the fuel into a suitable container.
3. Retighten the plugs.
4. Remove the six bolts securing the carburetor plate assembly.
5. Remove the four locknuts securing each carburetor. Remove all three carburetors as an assembly.
6. Remove the six screws and washers securing the float chamber to each carburetor.
7. Hold the float chamber upside down and inspect the position of the float. The float surface must be parallel to the float chamber gasket surface.

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.

- Adjust the tab to position the float height if necessary.



or20\_1

- a** - Float chamber (shown upside down)
- b** - Tab
- c** - Float
- d** - Jet retainer plug

- Install the gasket if removed.
- Attach each float chamber to its respective carburetor using the six screws and washers. Tighten securely.
- Attach each carburetor to the reed block using four locknuts.
- Attach the carburetor plate assembly with six bolts.

Description	Nm	lb-in.	lb-ft.
Float container attaching screws (6)	Tighten Securely		
Locknuts (4 per carburetor)	Tighten Securely		
Carburetor plate bolts (6)	14	120	

- Connect all fuel lines (from the enrichener valve and fuel pump) to the carburetors.

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.