



service bulletin

- WARRANTY INFORMATION SERVICE INFORMATION
 PARTS INFORMATION

Bulletin No. 2002-12

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

High Idle RPM - 115 EFI (4-Stroke)

Models Affected

MERCURY/MARINER
2001 & 2002 Model Year
115 EFI (4-Stroke)
S/N OT178500 thru OT590369

A small number of units within the above listed serial number range may experience a high idle condition. The high idle may be caused by a misalignment between the engine's neutral switch and shift slider.

Dealer Outboard Inventory

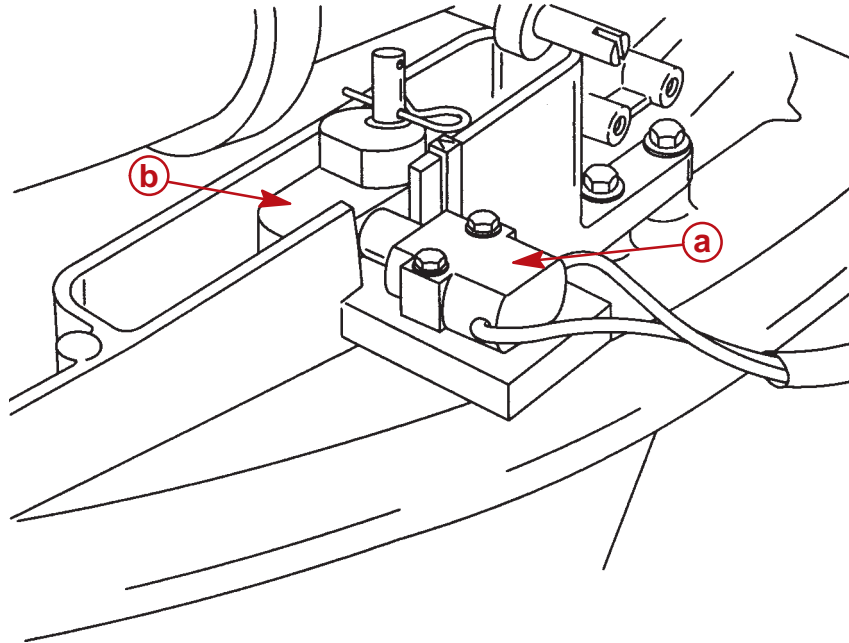
Affected outboards in dealer inventory can be corrected during the pre-delivery inspection.

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Inspection/Correction

1. Visually inspect that the neutral switch is depressed when the outboard is shifted into neutral and that the nose of the switch rides at approximately the vertical center of the shift slider.



00126

- a** - Neutral Start Switch
b - Shift Slider

2. After engine warm-up, the in-gear engine idle rpm should not significantly exceed 750 rpm. An in-gear idle rpm of approximately 900 rpm indicates a misaligned neutral switch. Refer to outboard service manual – “Electronic Fuel Injection” - “Troubleshooting and Diagnostics” - Diagnostic Code #28 “Incorrect Shift Position Switch”.
3. If it is determined that the engine’s neutral switch is misaligned, a Neutral Switch Shim Kit p/n 888417A1 should be installed as outlined in the installation instructions supplied with the kit.

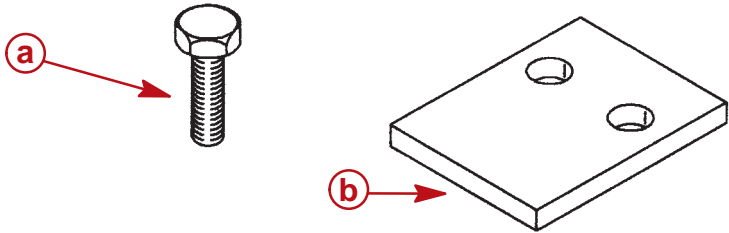
Parts Required

Qty. 1	888417A1	Neutral Switch Shim Kit
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Components Contained in Kit (888417A1)



00021

- a** - Screw M3.5 x 25 mm (2)
- b** - Shim

Part Number	Description	Qty.
888417	Shim Plate	1
10-880750-25	Screw M3.5 x 25 mm	2
90-888783	Installation Instructions	1

Warranty

Mercury Marine will credit the dealer for the cost of parts and labor for one year from the issuance of this bulletin. Please note the month and year located at the lower left corner of the front page of this document.

Complete a warranty claim listing:

- Outboard serial number
- Qty. 1 P/N 888417A1 Neutral Switch Shim Kit
- One half (0.5) hour labor
- Warranty Flat Rate Code - SB05
- Part Code - 345
- Failure Code - 00

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