

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

Erratic Trim Indicator Numbers & No Trim Pop Up

Models Affected

Models Covered	Serial Number
1.5 Liter OptiMax	S/N 1B417702 through 1B456809
2.5 Liter OptiMax	S/N 1B417702 through 1B447877
3.0 Liter OptiMax	S/N 1B417702 through 1B456463

Situation

Due to software and calibration changes to the above listed engines, erratic changes in the trim indicator numbers and/or no trim pop up numbers could occur. This condition is only present on the SmartCraft System Tachometer, Monitor, or SystemView when engine is equipped with a digital trim sender, and does NOT affect analog trim gauges.

Trim Pop Up: In normal operation when the trim is first activated, a number should appear on the System Tachometer, Monitor, or SystemView. When operating the trim on the above listed engines, the trim number will not appear on the gauges when trim is activated.

Erratic Number Change: When the trim system is activated, the trim numbers may change erratically skipping over or past numbers; rather than a smooth progression when viewed on SmartCraft Tachometer or Monitor.

Example: 1 -- 3 – 5 with gauge set on low resolution instead of 1-2-3-4-5.

Example: 2.2 – 4.6 – 6.3 with gauge set on high resolution instead of 2.2 -2.3- 2.4.

NOTE: *The erratic number change has only been seen on the System Tachometer and Monitor, not the SystemView.*

Correction

If one of the above conditions is reported, the PCM calibration will require an upgrade. Contact Mercury Technical Service for preauthorization.

- US Technical Service (920)-929-5884
- Canada Technical Service (905)-816-4751

Dealer/OEM Outboard Inventory

If an affected outboard is installed on a boat with SmartCraft gauges, contact Mercury Technical Service for a replacement PCM prior to delivering the boat.

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Parts Identification

HP	Current P/N on PCM label	Current service PCM P/N	Upgraded P/N on PCM label	New service PCM P/N
75	897906001	897906 01T	8M0024929	897906 23T
90	897906002	897906 02T	8M0024931	897906 24T
115	897906003	897906 03T	8M0024932	897906 25T
135	897906004	897906 04T	8M0024937	897906 18T
150	897906005	897906 05T	8M0024938	897906 19T
175	897906006	897906 06T	8M0024939	897906 20T
200	897906007	897906 07T	8M0024941	897906 21T
225	897906008	897906 08T	8M0024942	897906 22T

Parts Required

Qty.	Engine HP	Upgraded PCM service P/N
1	75	897906 23T
1	90	897906 24T
1	115	897906 25T
1	135	897906 18T
1	150	897906 19T
1	175	897906 20T
1	200	897906 21T
1	225	897906 22T

Warranty

Mercury Marine will credit the dealer for the cost of the parts and labor.

Complete the warranty claim listing:

- Outboard engine serial number
- Qty. 1 PCM as required
- 0.5 hours labor
- Warranty Flat Rate Code = SB05
- Part Code = 731
- Failure Code = 00

US AND CANADA

Complete/process the claim via MercNET or return a warranty claim form.

INTERNATIONAL

Follow instructions issued by Marine Power International Office or by an authorized Marine Power Distributor.

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