MARINER OUTBOARDS

MERCURY OUTBOARDS

service bulletin

No. 93-10

Soft Rewind Starter Pawls - 6 thru 25 and 55

MARINER AND MERCURY

SERIAL GROUP #1 - MODELS THAT MAY HAVE BEEN ASSEMBLED WITH THE WRONG STARTER PAWLS (NO CAST MARK “2”)

6-thru-25 Serial Number
US 0D216851 thru 0D228237
Belgium 9754721 thru 9766116

55 Marathon/55 SeaPro Serial Number
US 0D229131 thru 0D237275
Belgium 9754476 thru 9769975

SERIAL GROUP #2 - MODELS THAT WERE ASSEMBLED WITH THE CORRECT STARTER PAWLS (CAST MARK “2”), HOWEVER THE PAWLS MAY NOT HAVE BEEN PROPERLY HARDENED

6-thru-15 Serial Number
US 0D248984 thru 0D255795
Belgium built outboards were not affected.

20-thru-25 Serial Number
US 0D255198 thru 0D255972
Belgium built outboards were not affected.

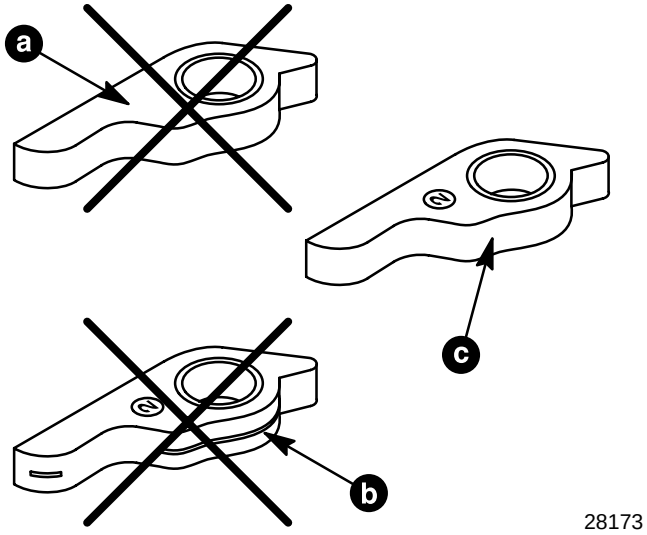
The rewind starter assemblies used on the models listed, may have been assembled with soft starter pawls.

Outboards within serial group #1 may have been assembled with the wrong starter pawls (no cast mark “2”).

Outboards within serial group #2 may have the correct starter pawls (cast mark “2”), however the pawls may not have been properly hardened.

Affected pawls, will show signs of the starter cam wearing a groove into the pawl face within the first 100 hours of outboard operation.

NOTE: A polished line or track on the starter pawl face, indicates normal wear between the starter pawl and the starter cam.



a - No Cast Mark “2” (Replace)
b - Cast Mark “2” with a wear groove (Replace)
c - Cast Mark “2” with polished line or track (Normal Wear)

Figure 1. Soft Starter Pawl Identification

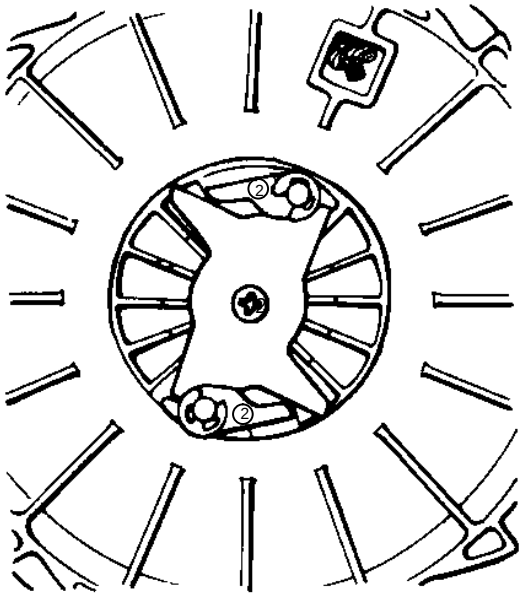


Figure 2. Starter Pawl Location

INSPECTION:

The starter pawls of outboards listed, should be inspected during pre-delivery or when unit is in for service work.

CORRECTION:

Replace starter pawls that do not have the cast mark “2”, or any pawl that shows signs of a wear groove made by the starter cam.

REWORK:

Outboards within the serial groups listed, that have been reworked at the factory, are identified by:

– A blue dot decal applied on the port leg of the rewind starter housing.

– A blue dot decal applied on the outboard serial number label on the shipping carton.

DEALER SERVICE STOCK:

Inspect all p/n 86850 starter pawls in your service stock. Return with a warranty claim, any starter pawls that do not have a cast mark ”2” on the side of the pawl. Pawls in your stock that have the cast mark ”2” are good serviceable parts.

WARRANTY:

Complete warranty claim listing:

Outboard serial number.

Qty. 2 p/n 86850 Starter Pawls.

One half (0.5) hour labor for outboards only.

Warranty labor rate code NJC.

Failure code - 315 18.

Multaple outboards, may be listed on one warranty claim, if grouped by model and a serial number is listed for each unit.

International-Hold parts for inspection/disposal by a Marine Power International technical representative.