

Revision 2-27-92

Low Ignition Voltage Output: 135-200 Mercury/Mariner Outboards with 40 Amp Charging System

NOTICE

This is a revision of Outboard Service Bulletin 91-2. Destroy Bulletin 91-2 and insert Bulletin 91-2A. Revisions are underlined.

1989-1991 Mercury/Mariner 135-200

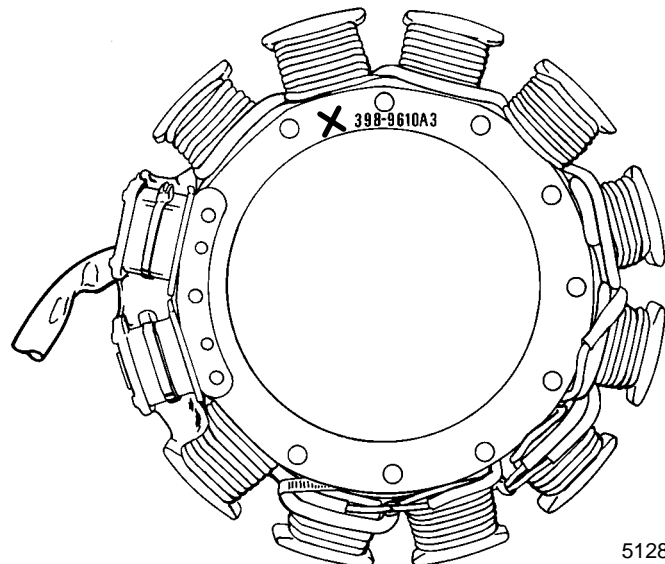
S/N 0C100861 thru 0D050929

With 40 amp charging system

Outboards listed may experience low ignition voltage output to the switch box(es). Low voltage output is caused by incorrect wire connection of stator bobbin windings. Spark plug fouling may result from this low voltage condition.

DEALER SERVICE STOCK

Any 40 amp stator (P/N 398-9610A5) in your service stock marked with an "X" by the part no. on the stator, or dated after 1-1-91 have been tested at the factory. Stators without the "X" which are dated before 1-1-91 should be tested for proper ignition voltage output when installed on engine.



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SERVICE TIPS

Ohms test, in this case, will not detect a low voltage stator, because there are no open or shorted circuits.

INSPECTION AND TEST

Test stator ignition voltage with DVA Tester 91-68040. Blue and blue/white wires must have a minimum of 180 volts at cranking and 180 volts at idle, or follow the test procedure outlined in DVA Test Manual 90-98873.

REPAIR PROCEDURE

Replace stator with low output as outlined in service manual.

WARRANTY

Complete warranty claim listing:

Outboard serial number

Qty. 1 P/N 398-9610A-5 stator

One hour (1.0) labor

Flat rate code 0A15

Return stator with claim