

WARRANTY INFORMATION SERVICE INFORMATION
 PARTS INFORMATION

Bulletin No. 2002-01

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

Brush Card/Mosfet Screw Length

Models Affected

2000 & 2001 Model Year

Excel- EX54SP, EX71SP, EX82SP, EX109SP

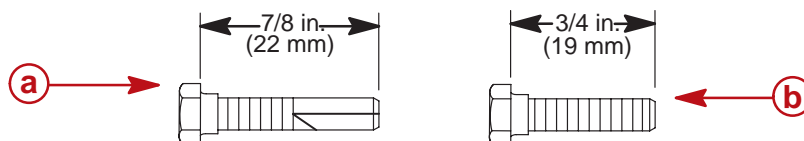
Energy- EF54P, EF67P

Tour Edition- TE782VP, TE109VP

Competition Series- 767P

Situation

Should you encounter a situation in which a motor runs well out of water but has no power when submerged, inspect the Mosfet screw that holds the Mosfet assembly to the commutator cap to see if the screw is contacting the brush card. If a white, powdery substance is evident electrolysis has occurred.



- a** - Original Mosfet Screw 7/8 in. (22 mm)
- b** - Replacement Mosfet Screw 3/4 in. (19 mm)

Correction

If electrolysis has occurred replace the brush card and the Mosfet screws. The replacement screws are 1/8 in. (3 mm) shorter than the original screws.

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Parts Required

Qty. 2 MR22902 Mosfet screw

Qty. 1 Brush Card-refer to appropriate Parts List for correct part (dependant on model)

Warranty

MotorGuide will credit the dealer for the cost of parts and labor for one year from the issuance of this advisory. Please note the month and year located at the lower corner of the front page of this advisory.

Complete warranty claims listing:

- Model/Serial number
- Qty. 2 MR22902 Mosfet screw
- Qty. 1 Refer to appropriate Parts List for correct brush card (dependant on model)
- Eight tenths (0.8) hour labor
- Flat Rate Code: ET20

USA and Canada: Complete warranty claim form (use Midas/MercNet if available).

INTERNATIONAL: Follow instructions issued by Marine Power International office or by your distributor.

Fax to: 1-920-929-5893

Mail to: Mercury Marine
 Attn.: Warranty Department
 P.O. Box 1939
 Fond du Lac, WI 54936-9983

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