MotorGuide
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THRUSTER

service bulletin

☐ WARRANTY INFORMATION ☑ SERVICE INFORMATION
☐ PARTS INFORMATION

Bulletin No. 2002-09

Circulate to: ☐ Sales Manager ☐ Accounting ☑ Service Manager ☑ Technician ☑ Parts Manager

Potentiometer Moisture Problem

Models Affected

All 2001-2002 MotorGuide variable speed trolling motors

Situation

Should moisture penetrate the case of the potentiometer in the control head or foot control, the following symptoms may occur.

1. The motor may have erratic speed control. It may also change speed for no apparent reason.
2. The motor may continue to run even when the variable speed dial is in the “off” position.
3. When the problem is not corrected the motor may start to have an electrolysis problem. Electrolysis will case a white, chalky residue that will usually appear on the shaft of the motor.

Correction

Hand-operated models – Potentiometers that are not sealed must either be dipped in Quicksilver Liquid Neoprene (part number 92-25711 3) to the start of the threads or be replaced. It is not necessary to replace the entire handle. Replace only the potentiometer and harness.

Foot-operated models – Potentiometers that are not sealed must be dipped in Quicksilver Liquid Neoprene.

IMPORTANT: Potentiometers that have had moisture penetrate the case must be replaced. Do not seal potentiometers that have experienced water intrusion.

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Parts Inventory

Service inventory of MAT316822 or MAT316812 potentiometers for hand-operated motors must be sealed with Quicksilver Liquid Neoprene prior to installation. Potentiometer MAP16802 for foot-operated motors must be sealed with Quicksilver Liquid Neoprene after installation.

Parts Required

Qty 1	MAP16802	Potentiometer for foot-operated Motors
Qty 1	MAT316822	Potentiometer for hand-operated motors (forward and reverse)
Qty 1	MAT316812	Potentiometer for hand-operated motors (forward only)
Qty 1	92-25711 3	Quicksilver Liquid Neoprene

Warranty

Repairs will be covered under normal motor warranty. Repairs will also be covered one year from the date of this bulletin. Please note the month and year located at the lower left corner of the front page of this bulletin.

Complete warranty claim listing:

- Model number and serial number
- Five tenths (0.5) hour labor
- Warranty Flat Rate Code: ET30
- Part Code: 854
- Failure Code: 63

US and Canada: Complete/process claim via MercNET or a warranty claim form.

Fax: 1-920-929-5893

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

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

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