

Circulate to:  Sales Manager  Accounting  Service Manager  Technician  Parts Manager

## 5 Speed, Commutator Cap Solder Joint Service Issue

### Models Affected

Models Covered	Serial Number Range
All 5 speed motors including: Freshwater Hand-Operated Foot-Operated Bow Mount Transom Mount	9B354076-9C017264

### Description

Five speed motors may experience intermittent or loss of one or more speeds. Poor operation may be caused by weak soldered terminals connecting the speed coils to the brush card.

### Correction Instructions

Replace the commutator cap assembly.

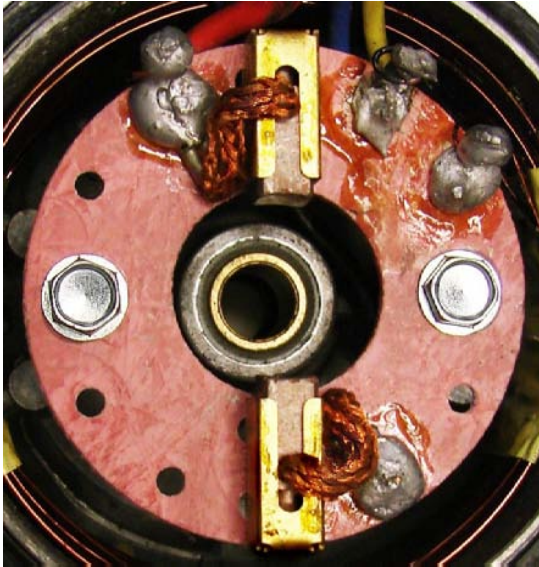
Use the chart below for correct commutator cap replacement or consult the Mercury Electronic Parts Catalog.

Model	Commutator Cap
All 24 volt	M899474T
All 12 volt, 46 pound	M899398T
All 12 volt, 54 pound	M899465T

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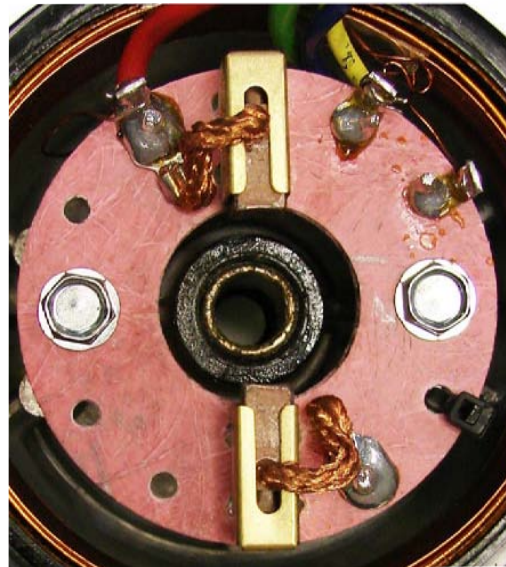
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Refer to the following examples.



34414

**Incorrectly soldered terminals**



34415

**Correctly soldered terminals**

## Warranty Information

MotorGuide will credit the service center for the cost of parts and labor as outlined in this bulletin. Submit a warranty claim through your normal warranty processing channel listing:

- Model and serial number of the trolling motor
- Proof of purchase
- 0.5 hour labor
- Warranty flat rate code: SB05

## US AND CANADA

Complete and process the claim via MercNET or return a warranty claim form. Mail to:

Mercury Marine  
P.O. Box 1939  
Fond du Lac, WI 54936  
Fax 1-920-929-5893

## INTERNATIONAL

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

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