MERCURY MerCruiser

Service Bulletin

☐ Warranty Information ☑ Service Information Bulletin No. 2003-03

☐ Parts Information

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

Cracked or Broken Brass Trim Pump Adapter Fittings

Models Affected

All Alpha and Bravo Trim Pumps for engines serial number 0M370777 through 0M641315 with Julian Date code 1612 through 0783

Situation

Some of the brass fittings on the trim pump adapter are either cracked or broken causing the drive unit to drop when the oil leaks through the damaged fitting. The fittings on the gray and black trim lines may have been over tightened causing damage to the brass fittings.

Inspection

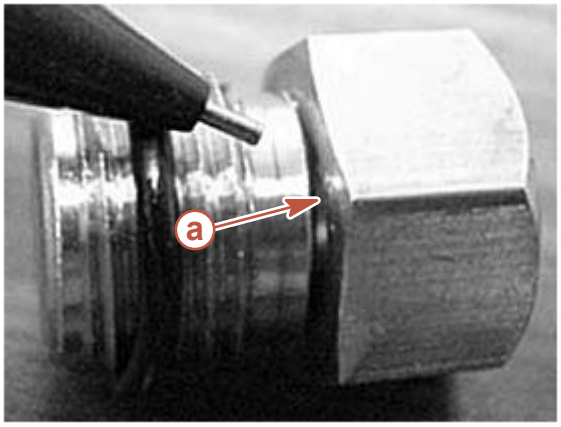
Observe the drive unit to see if it drops slowly from the trailer position. If the drive does lower from the full-up trailer position, inspect for oil leaks at the brass fittings at the adapter on the trim pump. If oil is present, both fittings should be replaced at the same time if damaged.

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The damage may have occured as a result of an over torque between the trim line and the brass fitting due to inconsistencies between various service publications from the years past.



mc79452-1

a - Area of crack



mc79453

Broken fitting

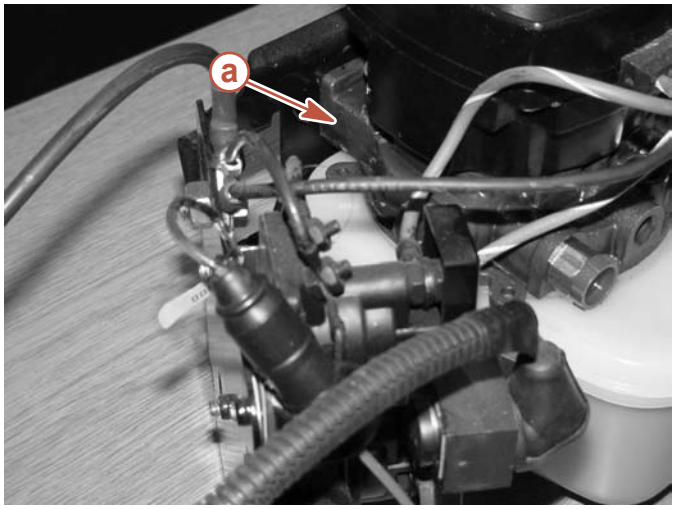
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Correction

If either fitting is cracked or broken, replace both brass fittings on the trim pump adapter and torque the fitting and the trim lines to 9 Nm (80 lb-in.).



mc79454-1

a - Location of Julian date code on pump adapter

Parts Required for Replacement

Qty.	Description	Part Number
2	Power Trim Pump Fitting	22-808727

Warranty

Mercury Marine will credit the dealer for the cost of labor through June 30, 2006. Submit warranty claim through your normal warranty-processing channel, listing:

For changing brass fittings in trim pump adapter

- 1.0 hour labor
  - Flat Rate Code and Labor –MH25
  - Part Code – 111
- Failure Code – 07

  Old Part or Parts:
- USA and Canada: Return Parts with Claim
- International: Follow Instructions issued by Marine Power International Office or by your distributor.

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