MERCURY MerCruiser

Service Bulletin

Bulletin No. 2007-02

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

Transom Exhaust Bellows and Clamp Improperly Assembled

Models Affected

Model	Transom Serial Number Range
Alpha One Gen II transom and Bravo standard transom	0W777431–0W779891 and 1A100383–1A100788

Situation

The clamp and the exhaust bellows on the gimbal housing exhaust flange may have been improperly assembled. As a result, the exhaust bellows could become detached from the exhaust flange of the gimbal housing. A detached exhaust bellows is not an immediate hazard to the vessel or operator but may result in louder than normal exhaust noise and a potentially elevated risk of exposure to carbon monoxide while the vessel is operating at speed or on plane.

Correction

As part of the pre-delivery inspection (PDI) process of boats equipped with the affected transoms, inspect the exhaust bellows to verify that it is properly connected to the gimbal housing.

If the exhaust bellows is connected to the gimbal housing, complete the following steps.

1. Tilt the drive to the full down (in) position.

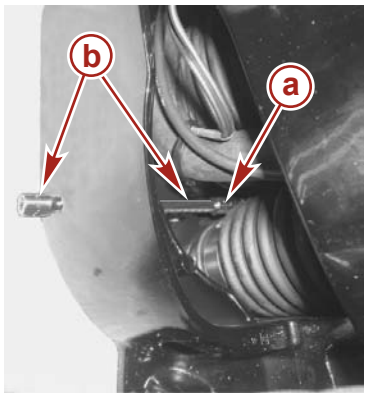
NOTE: *The position of the screw clamp may require the use of a wobble extension with friction ball or a universal socket in the following step.*

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.

provided by http://www.crowleymarine.com

2. Insert a 1/4 in. drive extension through the access hole in the gimbal housing and attach a 5/16 in. socket. Tighten the exhaust bellows clamp to specification.



28098

a - Socket b - Drive extension

Description	Nm	lb. in.	lb. ft.
Exhaust bellows clamp	4	35	

If inspection reveals that the exhaust bellows has become detached from the gimbal housing, complete the following steps.

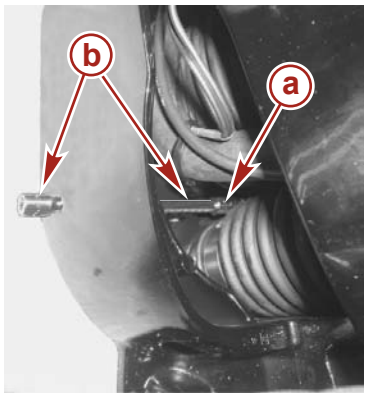
1. Tilt the drive to the full down (in) position.
2. Turn the drive to the full left or right position.
3. Loosen the exhaust bellows clamp.
4. Apply one drop of adhesive to the top of the exhaust flange on the gimbal housing.

Tube Ref No.	Description	Where Used	Part No.
	499 Loctite Super Bond (92-852882)	Exhaust bellows	Obtain Locally

5. Position the drive straight forward.
6. Slide the exhaust bellows onto the exhaust flange of the gimbal housing.

NOTE: *The position of the screw clamp may require the use of a wobble extension with friction ball or a universal socket in the following step.*

7. Insert a 1/4 in. drive extension through the access hole in the gimbal housing and attach a 5/16 in. socket. Tighten the exhaust bellows clamp to specification.



28098

a - Socket b - Drive extension

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.

provided by http://www.crowleymarine.com

Description	Nm	lb. in.	lb. ft.
Exhaust bellows clamp	4	35	

Warranty

If the bellows was detached from the gimbal housing, submit a warranty claim through your normal warranty-processing channel, listing:

- 0.5 hour labor
- Flat Rate Code and Labor – SB05
- Part Code – 501
- Failure Code – 44
- USA and Canada: No parts to return
- International: Follow instructions issued by Marine Power International Office or by your distributor.

THE INFORMATION IN THIS DOCUMENT IS CONFIDENTIAL AND PROTECTED BY COPYRIGHT AND IS THE PROPERTY OF MERCURY MARINE.

This document is provided for the sole and exclusive use of the original recipient as prescribed by Mercury Marine and may not be distributed or copied, digitally or otherwise, without the prior written consent of Mercury Marine.

provided by http://www.crowleymarine.com