
1400-8M0045064

TRANSOM BRACKET REPLACEMENT KIT MERCURY AND MARINER

IMPORTANT: This document guides our dealers, boatbuilders, and company service personnel in the proper installation or service of our products. If you have not been trained in the recommended servicing or installation procedures for these or similar Mercury Marine products, have the work performed by an authorized Mercury Marine dealer technician. Improper installation or servicing of the Mercury product could result in damage to the product or personal injury to those installing or operating the product.

NOTE: After completing installation, place these instructions with the product for the owner's future use.

Special Installation Instructions

IMPORTANT: Because of the heavier design features of these new transom brackets, it is required to replace both transom brackets together as a set.

Refer to the appropriate service manual for the installation instructions for the transom brackets.

Check the length of the outboard mounting bolts. Longer outboard mounting bolts may be required. The thickness of the mounting flange on these transom brackets has increased approximately 8 mm (5/16 in.). Because of this additional thickness, longer mounting bolts may be required to ensure full thread engagement of the locknuts.

If longer outboard mounting bolts are required, refer to the following chart for available outboard mounting bolts.

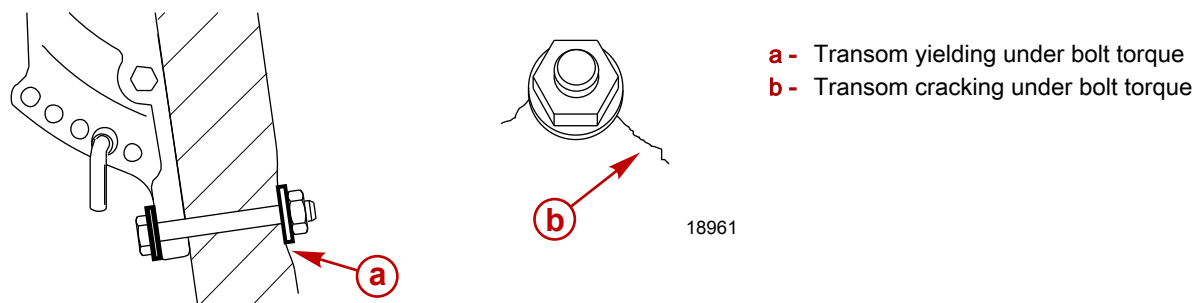
| Available Outboard Mounting Bolts | |
|-----------------------------------|--|
| Part Number Description | |
| 67755005 | ½-20 x 2.50 in. long (1.25 in. thread) |
| 67755006 | ½-20 x 3.50 in. long (1.25 in. thread) |
| 814259 | ½-20 x 4.00 in. long (2.25 in. thread) |
| 67755 1 | ½-20 x 4.50 in. long (2.25 in. thread) |
| 8M0033366 | ½-20 x 5.00 in. long (3.25 in. thread) |
| 8M0038370 | ½-20 x 5.50 in. long (3.25 in. thread) |
| 67755 2 | ½-20 x 6.50 in. long (2.75 in. thread) |
| 8M0028080 | ½-20 x 7.50 in. long (2.75 in. thread) |
| 8M0032860 | ½-20 x 8.00 in. long (2.75 in. thread) |

| Qty. | Description | Part Number |
|------|----------------------------|-------------|
| 1 | Torque specification decal | 8M0043059 |

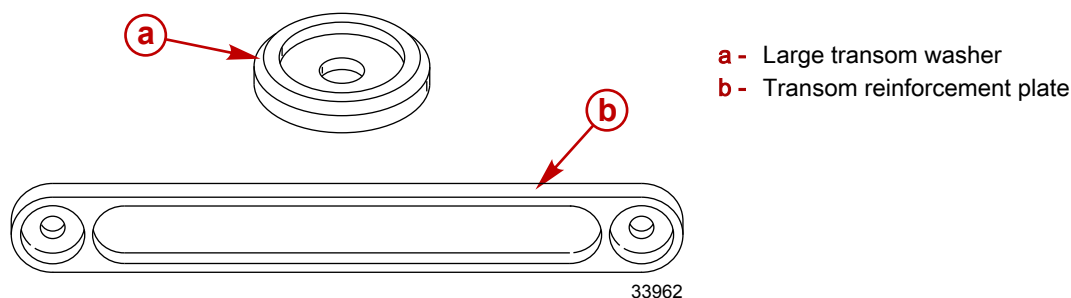
Fastening the Outboard

Checking Boat Transom Construction

IMPORTANT: Determine the strength of the boat transom. The outboard mounting locknuts and bolts should be able to hold 75 Nm (55 lb-ft) of torque without the boat transom yielding or cracking. If the boat transom yields or cracks under this torque, the construction of the transom may not be adequate. The boat transom must be strengthened or the load carrying area increased.

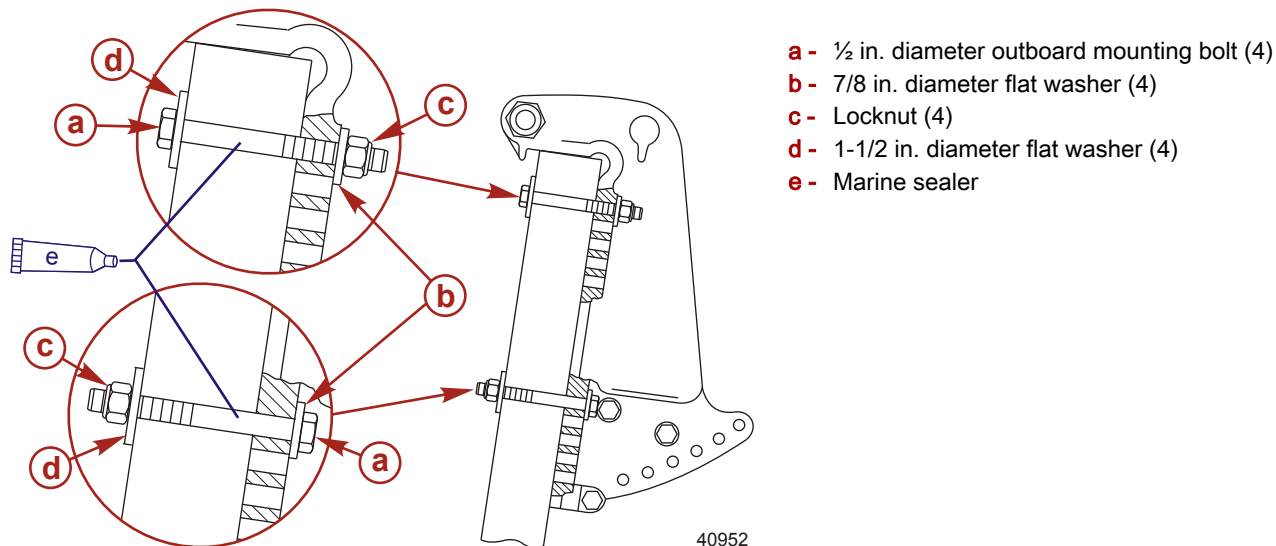


Use a dial torque wrench to determine transom strength. If the bolt or nut continues to turn without the torque reading on the dial increasing, it is an indication that the transom is yielding. The load area can be increased by using a larger washer or a transom reinforcement plate.



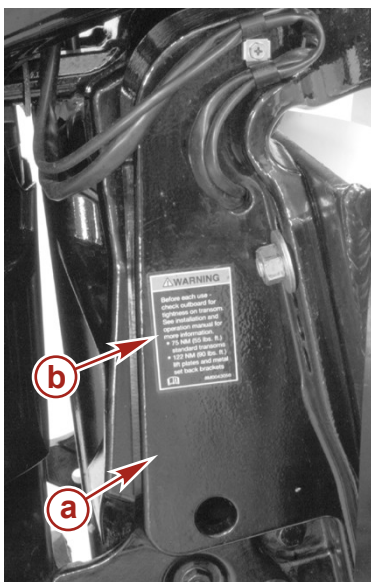
1. Apply marine sealer to the shanks of the outboard mounting bolts, not to the threads.
2. Fasten the outboard with the correct mounting hardware. Tighten the locknuts to the specified torque.
IMPORTANT: Ensure a minimum of two full threads of bolt extend beyond the locknut after tightening. The mounting locknut must be drawn tight while still engaging the bolt threads and not contacting the shank of the bolt.

NOTE: For more accurate torque, tighten the mounting locknuts rather than the outboard mounting bolts.



| Description | Nm | lb-in. | lb-ft |
|---|-----|--------|-------|
| Outboard mounting locknuts and bolts - standard boat transoms | 75 | | 55 |
| Outboard mounting locknuts and bolts - metal lift plates and metal setback brackets | 122 | | 90 |

3. Install the torque specification decal on the starboard clamp bracket as shown.



46955

- a** - Starboard clamp bracket
b - Torque specification decal

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