

TRIM POSITION SENSOR CONVERTER KIT

150 EFI FOURSTROKE

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.

Components Contained in Kit



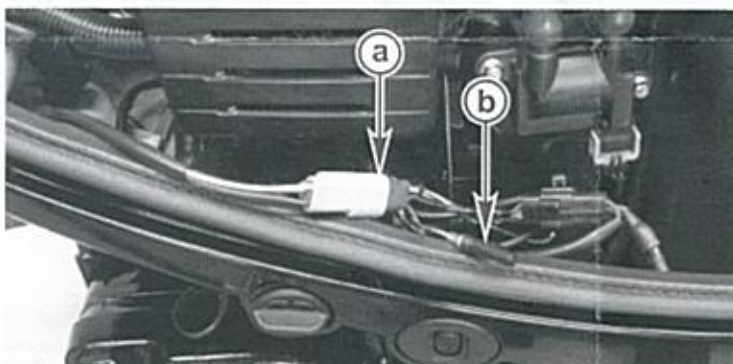
Ref.	Qty.	Description	Part Number
-	1	Trim Adapter Harness	8M0059529

Trim Adapter Harness Installation

⚠ WARNING

Performing service or maintenance without first disconnecting the battery can cause product damage, personal injury, or death due to fire, explosion, electrical shock, or unexpected engine starting. Always disconnect the battery cables from the battery before maintaining, servicing, installing, or removing engine or drive components.

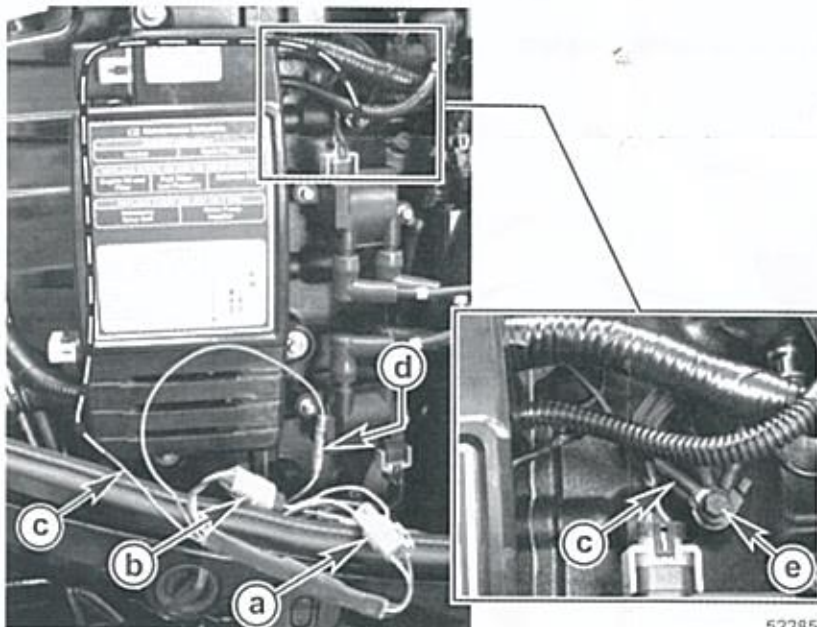
1. Remove the battery cables from the battery.
2. Remove the top cowl.
3. Disconnect the trim position sensor harness connector.
4. Remove the cap from the brown and white wire bullet connector.



- a - Trim position sensor harness connector
- b - Brown and white wire bullet connector

5. Connect the trim adapter harness in line with the engine harness.

6. Connect the trim adapter harness brown and white bullet connector to the brown and white wire engine harness connector.
7. Route the black and white trim adapter harness wire behind the electrical cover as shown.
8. Remove the engine ground screw. Clean any neoprene from the underside of the flange head.
9. Apply Loctite 242 Threadlocker to the ground screw threads.
10. Attach the black and white wire ring terminal connector to the engine block. Secure all ground leads with the screw. Tighten the screw to the specified torque.
11. Apply Liquid Neoprene to the ground screw.



a - Trim adapter harness to trim position sensor harness connection

NOTE: Disconnect here for the calibration reset, following.

b - Trim adapter harness to engine harness connection

c - Black and white trim position adapter harness wire

d - Brown and white wire bullet connectors

e - Ground screw (M6 x 16 flange head)

52285

Tube Ref No.	Description	Where Used	Part No.
25	Liquid Neoprene	Ground screw	92- 25711 3
66	Loctite 242 Threadlocker	Ground screw threads	92-809821

Description	Nm	lb-in.	lb-ft
Ground screw (M6 x 16 flange head)	7	62	-

12. Connect the battery cables to the battery.
13. Perform a calibration reset:
 - a. With the key switch on, disconnect the trim position sensor from the trim adapter harness. The needle on the analog trim gauge should indicate trim down.

NOTE: Be certain to disconnect between the trim adapter harness and the trim position sensor harness—not between the trim adapter harness and the engine harness.

 - b. After approximately five seconds, the needle should sweep to trim up, and after another second or two, back to trim down. This indicates that the calibration reset has been performed.
 - c. Return the key switch to off.
 - d. Reconnect the trim position sensor to the trim adapter harness.
14. Install the top cowl.

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