

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

Official Recall Notification United States Federal Boat Safety Act Throttle Linkage Rod Replacement

Models Affected

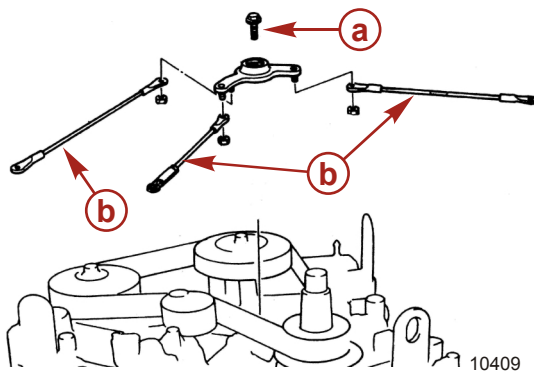
Models Covered	Serial Number Or Year
225 V-6 EFI FourStroke	0T653945 through 1B055871

Situation

The engines identified above are at risk for throttle sticking. This risk exists even if the repair work from service bulletin 2003-09 has already been performed. As with the previous service bulletin, this failure could result in the engine not returning all the way to idle after running at an elevated RPM level, in either forward or reverse, when pulling the remote control throttle lever back to the neutral position. This may cause the engine to stay at a fast idle speed (1200-2000 RPM), which may prevent the operator from disengaging the shift mechanism and shifting into neutral.

Correction

A replacement Link Rod Kit (888603A01) is required. This kit contains updated link rods that have been improved to prevent sticking in the ball joint area of the link rods.



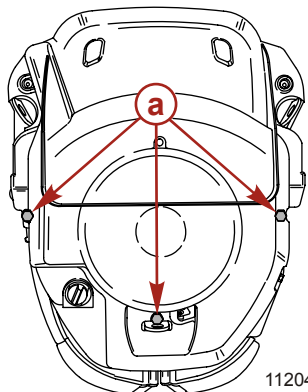
- a - Bolt with washer
- b - Link rods

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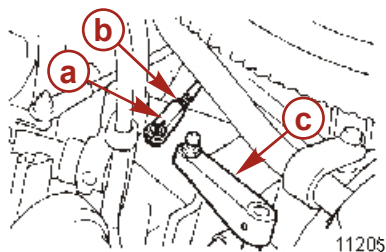
Repair Procedure

1. Remove flywheel cover.



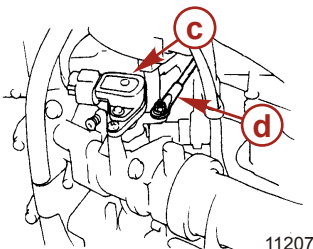
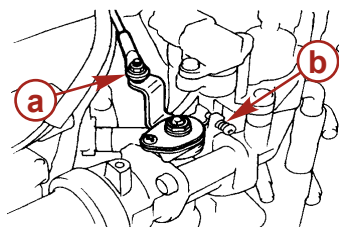
a - Screws (3)

2. Remove link rod from control lever.



a - Link rod
b - Locknut
c - Control lever

3. Remove the port and starboard link rods.

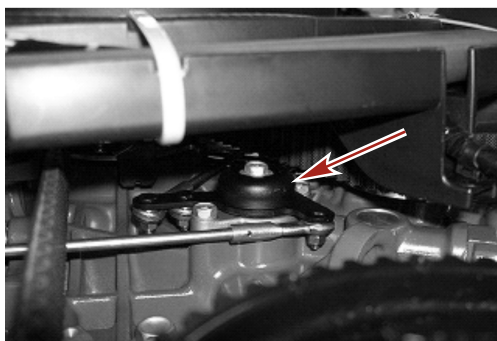


Port

a - Port link rod
b - Synchronizing screw
c - Throttle position sensor
d - Starboard link rod

Starboard

4. Remove the accelerator arm assembly along with the link rods.



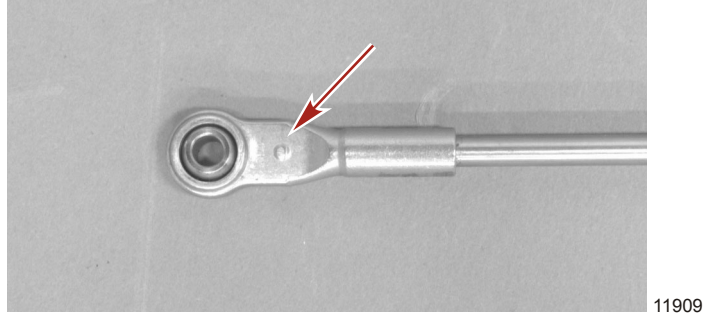
11201

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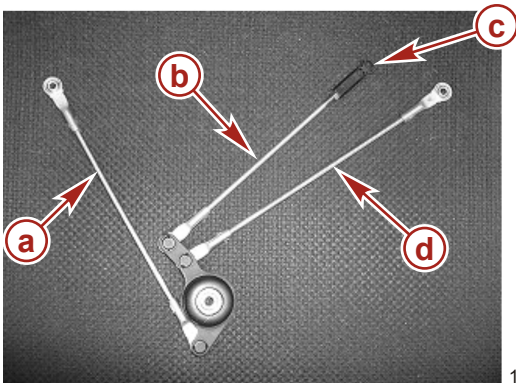
NOTE: Retain the link and locknut from the original link rod that attaches to the control lever for reuse.

- The link rods must be assembled with the identification mark (raised dot on the link joint) facing up.



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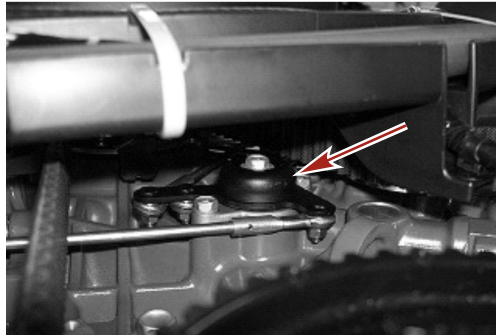
- Assemble new link rods to the accelerator arm assembly as shown below.



11203

- a** - Port throttle body link rod (shorter rod)
- b** - Link rod assembly attaching to control lever
- c** - Retained link and locknut
- d** - Starboard throttle body link rod (longer rod)

- Reinstall the accelerator arm assembly on the engine. Be sure to use the new bolt and washer supplied with this kit. Torque the bolt to specification.



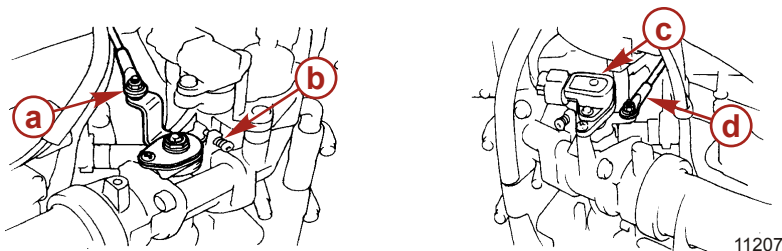
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Description	Nm	lb. in.	lb. ft.
Bolt	8		5.9

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8. Install the port and starboard link rods to the throttle bodies. Torque fasteners to specification.



Port

Starboard

- a - Port link rod
- b - Synchronizing screw
- c - Throttle position sensor
- d - Starboard link rod

Description	Nm	lb. in.	lb. ft.
Fasteners	4		2.9

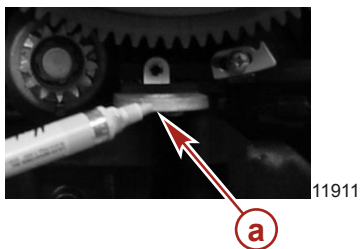
9. Refer to **Section 2C - Throttle Cable Adjustment** in the 225 EFI FourStroke service manual for proper adjustment

Parts Required

Qty.	Description	Part Number
1	Throttle Link Rod Kit	888603A01

Repair Identification

Engines reworked at the factory will have a yellow dot on the forward lifting eye.



- a - Yellow dot on lifting eye

Owner Notification

All registered owners with engine serial numbers 0T653945 through 1B055871 were sent letters notifying them of this possible condition. This letter advised the customer to contact their dealer and set up an appointment for their repair work.

Part Interchangeability

The new link rod assemblies will supersede the current 888603, 888603-1, and 888600 link rods.

Warranty

Mercury Marine will credit the dealer for the cost of parts and labor as outlined in this bulletin.

Complete the warranty claim listing:

- Outboard serial number
- Qty. 1 Throttle Link Rod Kit (P/N 888603A01)
- 1.0 hour labor
- Warranty Flat Rate Code SB10
- Part code 799
- Failure code 40

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US & Canada

Complete/process the claim via MercNET or return a warranty claim form.

International

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

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