

WARRANTY INFORMATION SERVICE INFORMATION
 PARTS INFORMATION

Outboard No. 2002-04

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

Fusible Link V-6 Charging System

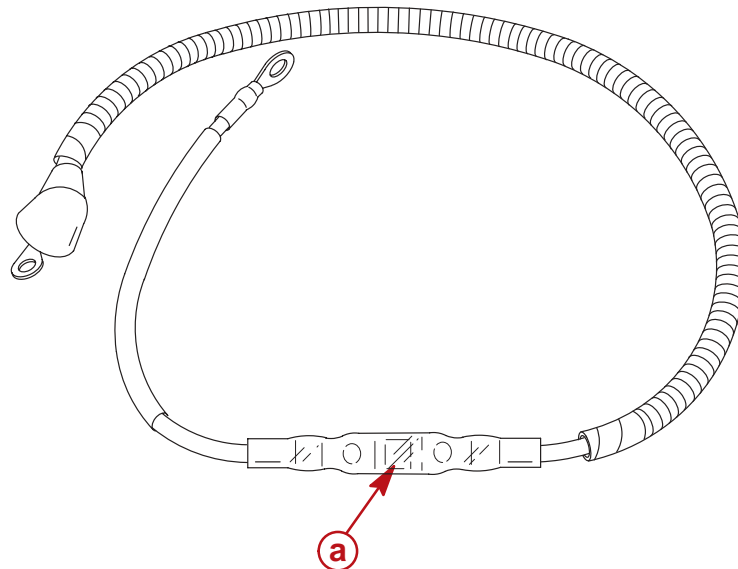
Models Affected

2003 V-6 200XS and 250XS OptiMax/225X and 300X Pro Max
S/N 0T651945 and Above

Situation

The 2003 model year V-6 outboards (EFI/OptiMax) that use a belt driven alternator will have a 100 ampere fusible link between the alternator and the slave solenoid. This fusible link is designed to protect the alternator from damage due to accidental reverse battery connection. If the battery cables are reversed, the fusible link will create an open circuit and must be replaced. With the fusible link open, the engine can be started but the run time will be limited because the alternator is not charging the boat battery. The fusible link is part of the wire assembly. If the fusible link circuit becomes open the fuse and wire must be replaced as an assembly.

The fusible link (**P/N 84-878231A6**) is a new product feature for the 2003 model year. This bulletin is to inform you of its presence in advance of pending service manual updates.



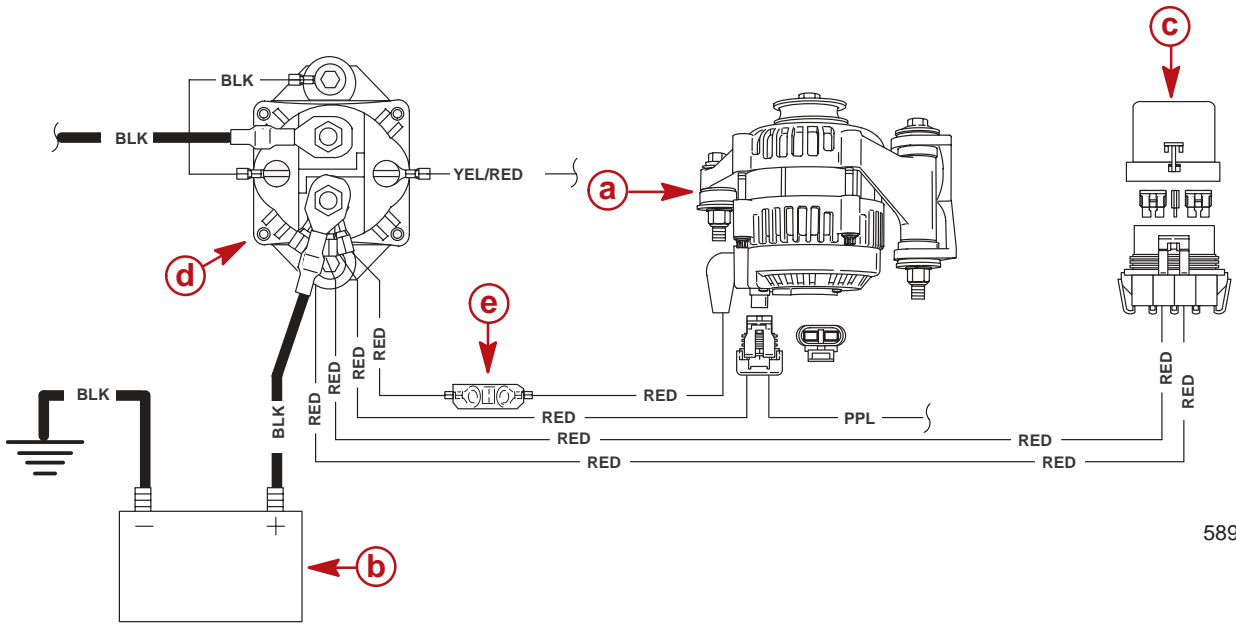
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a - 100 amp fuse part of wire assembly

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Fusible link shown in a typical charging/alternator circuit.



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2003

- a** - Alternator
- b** - Battery
- c** - Standard fuse holder on engine
- d** - Starter solenoid
- e** - 100 amp fuse in the fusible link

Warranty

Failure of the fusible link can only be caused by accidental reverse connection of the battery cables, therefore fusible link failures will not be covered by the Mercury Racing Outboard Limited Warranty.

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