

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

40/50/60 HP FourStroke Ignition Ground

Models Affected

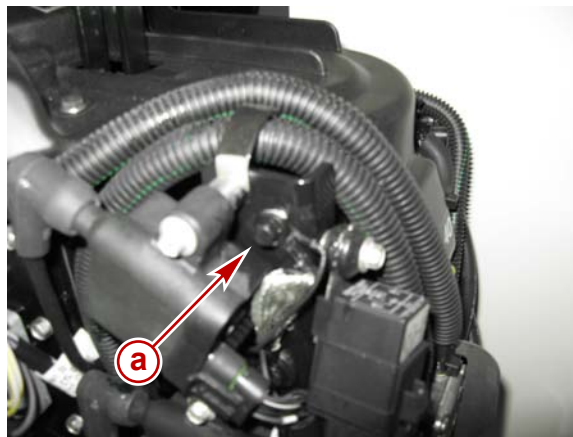
Models Covered	Serial Number
3 Cylinder 40 HP FourStroke Carburetor	1C010833 through 1C018826
3 Cylinder 40 HP FourStroke EFI	1C044524 through 1C049739
4 Cylinder 40/50/60 HP FourStroke EFI	1C010833 through 1C041924

Situation

Some of the models above may experience a poor running condition due to inconsistent ignition ground paths. These engines may not start, misfire, run for a period of time and stall, or any combination of these. These situations may be caused by paint on the valve cover surfaces used as ground paths.

Inspection/Test

To confirm whether the engine running characteristics are related to an inconsistent ground path, install a jumper wire from the coil plate ground bolt to a good engine ground. If the engine runs well, then the inconsistent ground path is the cause of the problem.



31036

a - Coil ground plate

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.

Correction

To alleviate the inconsistent ground path, remove the two upper cylinder head cover bolts and scrape the paint off of the cover surface. Install the bolts to the specified torque.



31037

Description	Nm	lb. in.	lb. ft.
Upper cylinder head cover bolt (2)	7.9	70	

Repair Identification

Dealer will identify the repair was performed by using a white paint pen to mark the coil plate ground screw.



31038

Warranty

Mercury Marine will credit the dealer for the cost of parts and labor. Complete warranty claim listing:

- Outboard serial number
- Labor: 0.5 hour
- Warranty Flat Rate Code: SB05
- Part Code: 438
- Failure Code: 27

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.