



service bulletin

- WARRANTY INFORMATION SERVICE INFORMATION
 PARTS INFORMATION

Bulletin No. 2002-17
Jet Drive No. 2002-09

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

Key Switch Harness (859722A16) - Sea Doo Boats

Models Affected

All 2001/2002 Model Year Sea Doo boat models that have Mercury Jet Drive powerheads as listed below with the PCM 555 Electrical system **and** within the following boat model and serial number ranges:

- 2001 & 2002 Model Year 200HP OptiMax Jet Drive
- 2001-1/2 (Serial number 0E406400 - 0E407099) & 2002 Model Year 240HP EFI Jet Drive

2001 Model Year Sea Doo Boats

- All 2001 MY Utopia's with 200HP OptiMax Jet Drives require the rework.
- All 2001 MY Challenger 1800's with 200HP OptiMax Jet Drives require the rework.
- All 2001 MY Challenger 2000's with 200HP OptiMax Jet Drives require the rework

2002 Model Year Sea Doo Boats

1. Utopia 185

- Model # 5462, 5464, & 5466 All 2002 MY boats require the rework
- Model #5475 Serial number CEC10772E202 and prior
- Model #5476 Serial number CEC10679E202 and prior
- Model #5477 Serial number CEC10735E202 and prior
- Model #5478 Serial number CEC10747E202 and prior
- Model #5479, 5480 All 2002 MY boats require the rework
- Model #5481 Serial number CEC10574D202 and prior
- Model #5482 Serial number CEC10602D202 and prior

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.

2. Utopia 205
 - Model # 5745 Serial number CEC15871E202 and prior
 - Model # 5746 Serial number CEC15566D202 and prior
 - Model # 5747, 5748 All 2002 MY boats require the rework
 - Model # 5749 Serial number CEC15605E202 and prior
 - Model # 5750 Serial number CEC15655E202 and prior
 - Model # 5751 Serial number CEC15853E202 and prior
 - Model # 5752 Serial number CEC15496D202 and prior
3. Speedster
 - Model # 5700 Serial number CEC25333E202 and prior
4. Challenger 1800
 - Model # 5702 Serial number CEC30506E202 and prior
5. Challenger 2000
 - Model # 5704 Serial number CEC35877E202 and prior
 - Model # 5705 Serial number CEC35940E202 and prior
 - Model #5753 Serial number CEC36066E202 and prior
6. Challenger 2000 X20
 - Model # 5495 Serial number CEC36038E202 and prior
7. Islandia
 - Model # 5709 Serial number CEC45351E202 and prior

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.

Situation

There is a very remote possibility for damage to the powerhead PCM and the steering helm low speed control sensor using the key switch harness in the boats listed above.

Boat Inventory

All Sea Doo boats in inventory (new, used, and /or consumer) with Jet Drives indicated above that fall within the affected boat model and serial number range should be inspected.

Correction

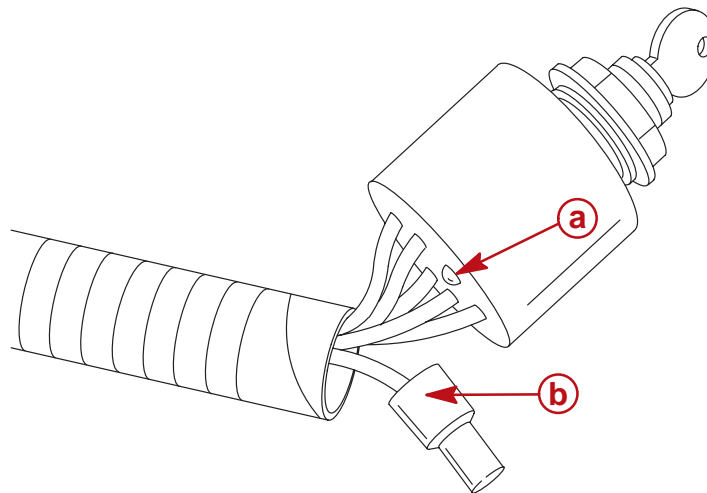
After gaining access to the back of the ignition switch, please observe that there are two similar wires coming out of the switch. One wire is a black wire with a yellow tracer and the other is a **yellow wire with a black tracer**. The correction is cutting the **yellow wire with a black tracer** as close to the ignition key switch as possible.

⚠ CAUTION

DO NOT cut the black wire with a yellow tracer that is attached to the ignition switch. The ability to turn off the engine using the key switch will be lost. The lanyard will still shut the engine off when pulled off its switch.

Apply RTV sealant (Loctite 5145 or equivalent) over the exposed end of the wire on the switch. Fill a wire nut with RTV sealant and install on the other end of the cut wire.

NOTE: Do not use an architectural grade or household window/door silicone sealant. These sealants contain acetic acid which is corrosive to electrical components.



- a** - Cut end of wire on switch
- b** - Wire nut

00162

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.

Parts Required

The cost of one (1) wire nut and a small amount of RTV sealant are compensated in the labor time.

Warranty

Mercury Marine will credit the dealer for the cost of the parts and labor through March 31, 2006.

After performing the inspection/rework that is described in this bulletin, submit a warranty claim. Please note that the cost of the wire nut and small amount of RTV sealant are included in the labor time.

Complete the warranty claim listing:

- Jet Drive powerhead serial number
- 0.7 hour labor
- Warranty labor rate code – SB07
- Part code – 314
- Failure code – 00

US and 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 Marine Power Distributor.

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.