

Warranty Information Service Information

Bulletin No. 2004-02

 Parts Information

Jet Drive No. 2004-02

OEM No. 2004-02

Circulate to:

Sales Manager

Accounting

Service Manager

Technician

Parts Manager

Sport Jet 175XR² - False Overheat Warning

Models Affected

Models Covered	Serial Number Or Year
Sport Jet 175XR ²	2002 - 2004 Model Years S/N 0E407100 through 0E420153

Situation

Reports were received from the field of overheat warnings on the Sport Jet 175XR² when the engine was not overheating. Investigation identified that the cut-in warning thresholds of the TKS module and port cylinder head overheat sensor were set too low. As a result, under certain operating conditions, the temperature sensors would indicate an overheat condition when the engine was not actually in an overheat situation.

Correction

A new TKS module and a different temperature sensor (tan/green wire) have been changed in the Sport Jet 175XR². Starting serial number is 0E420154.

Parts Required

Qty.	Description	Part Number
1	TKS module	85395505S
1	Temperature sensor	78799 6

Repair Identification

During the investigation of the problem, the new TKS modules and temperature sensors were installed in various boats to verify the fix. Those TKS units were identified by three white dots next to the TKS male plug connector.

Current production TKS modules are identified by the 853955005 part number on it.

Warranty

After performing the inspection/rework that is described in this bulletin, submit a warranty claim.

For out of warranty situations, contact Mercury Marine Dealer Technical Service for a preauthorization through March 31, 2007.

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Complete warranty claim listing:

- Powerhead serial number
- Qty. 1 TKS module (P/N 85395505S)
- Qty. 1 Temperature sensor (P/N 78799 6)
- Labor = 0.8 hour
- Warranty Flat Rate Code = SB08
- Part Code = 734
- Failure Code = 15

US & Canada - Complete/process the warranty claim via MercNET and return parts with warranty claim.

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

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