



## Service Bulletins

### 2003

- SBMA200314** BF50 A4 engine stall / Hesitation during acceleration.
- SBMA200313** BF25A4 and 30A4 Gas and power tilt
- SBMA200312A** BF 175 / 200 / 225 Recall
- SBMA200312** BF 175 / 200 / 225 Recall
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- SBMA200308** BF 175/200/225 Tensioner bolt loose
- SBMA200307** New Prior Work Approval (PWA) form
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- SBMA200305** BF 115/130 Cylinder block
- SBMA200304** BF 115/130 Heads cracking
- SBMA200303** BF 40/50 A2 Trim converter
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### 2002

- SBPE200245** BFP 10D2
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- SBPE200239** BF 115/130 Fuel pump upgrade
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### 2001

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## **2000**

**SBMA 0005** BF75/90A1 TECHNICAL CHANGES.  
**SBMA 0004** BF75/90 BF115/90 AV, AX Gearbox oil  
**SBMA 0003** BF2D Engine cover paint finish  
**SBMA 0002** BF2D Throttle cable corrosion  
**SBMA 0001** BF2D SCHU Hard to start

## **1999**

**SBMA 9902** BF40/50 Tachometer reading incorrect  
**SBMA 9901** BF75/90/115/130 Thrust spacers

## **1998**

**Nov 98** Special Tool Library  
**SBMA 9806** Recommended service times  
**SBMA 9805** Emissions  
**SBMA Tools** Marine special tools  
**SBMA 9802** Warranty labor rate  
**SBMA 9801** Boat set-up

## **1997**

**SBMA 9706** BF25 - 30 - 40 - 50 Tiller handle Operation  
**SBMA 9705** Revision to BF75 -90A setup instruction manual  
**SBMA 9704** Bolt torque and length  
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**SBMA 9702** Service manuals and parts list books  
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## **1996**

**SB01 MA96** Flushing of BF75 - 90

# Service Bulletin



BULLETIN NO : SBMA200314  
BULLETIN TO : MARINE DEALERS  
DATE : September 2003  
SUBJECT : BF50 A4 engine stall / Hesitation during acceleration.

## Symptom

During acceleration, the engine can run poorly or stall between the 2000rpm ~ 3000 rpm range.

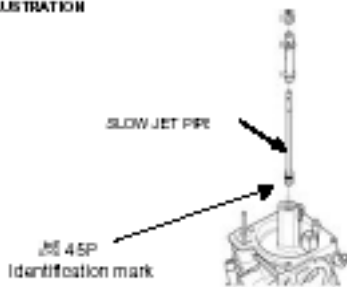
## Cause

The height of the air bleed hole in the slow jet pipe was incorrect; the air-fuel mixture would lean-out when accelerating between 2000- 3000 rpm. This causes the engine to hesitate or stall.

## Corrective Action

Remove the #42 jet in the carburetor. Once the #45 jet (part number 16150-ZW4-H02) has been fitted, re-assemble as per shop manual

ILLUSTRATION



**NOTE; Don't forget to balance the carburetors after the upgrade.**

**Replacement SLOW JET PIPE** part number – 16150-ZW4-H02, order 3 pieces per outboard.  
Note; new manifold gaskets may be required.

The numbers circled below refer to the numbers on the warranty claim form. When completing your warranty claim, make sure the information in the following warranty claim field is the same as shown below. All other fields (boxes) must be completed as per normal.

13 Fault code – 091

14 F.R.T.- 1.4

19 Main Casual Part – 16150-ZW4-000

20 QTY - 0

**BRUCE BUTT**  
**National Service Manager**

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN AND ITS CONTENTS AND SIGN BELOW.**

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SERVICE MANAGER

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PARTS MANAGER

.....  
SALES MANAGER

.....  
DEALER

# Service Bulletin



BULLETIN NO : SBMA200313  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND ALL RELEVANT STAFF  
DATE : August 2003  
SUBJECT : BF25A4 and 30A4 Gas and power tilt

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Ladies and Gentlemen,

To assist you in the fit-up of these exciting and long awaited engines, we have some important information that differs to the older style manual tilt models.

## Gauges and cables

The new BF25/30 A4 trim and tilt models are supplied with a trim gauge assembly as a standard component. If the trim gauge is to be remotely located or a tachometer is to complement the trim gauge, you will require meter harness (A).

Both the tachometer, part number **37250-ZW2-911** and meter harness (A) part number 32540-ZV5-911 are not supplied with the engine and can be ordered normally, via our spare parts division.

## Transom drilling

The new BF25 and 30, with gas assist or power trim and tilt, have an enlarged stern bracket. The transom drilling fixture, L07MPZ-ZV3010B, must not be used to pre-drill the boat transom (BF15-20 PTT has the same pattern.)

Please follow the instructions and template as outlined below.

1/.Do not use the transom drilling fixture for these brackets.

2/.Using the transom bracket on the outboard, mark four centre marks for the bolt holes on the transom board (two marks on either side of the outboard motor installation lines). Use highest holes in the upper bracket.

Be sure the upper bolt holes are not located above the position shown in the drawing, (less than 57 mm from the top of the transom.)

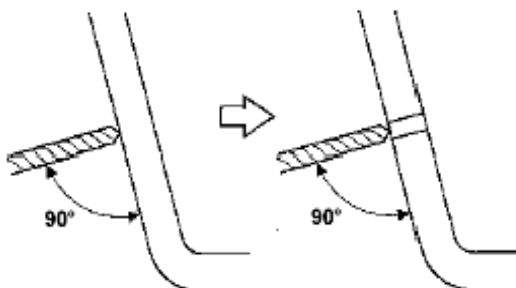
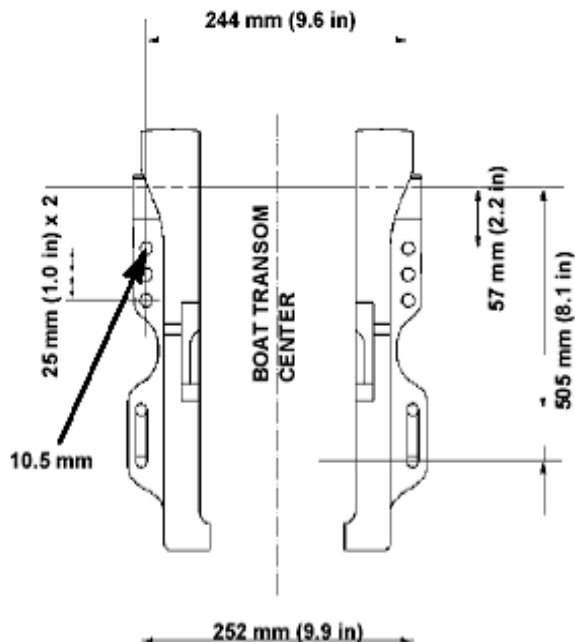
3/.The Lower bolt holes should be in the top of the bracket slots. Wearing safety glasses, drill pilot holes using a 3-5 mm drill bit. Finish drilling the holes using a 10.2 mm drill bit.

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# Service Bulletin



Transom drilling illustration.



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Note; drill holes at right angles to the transom

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**National Service Manager**

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.....  
SERVICE MANAGER      PARTS MANAGER      SALES MANAGER      DEALER PRINCIPAL

# Service Bulletin **HONDA** **MARINE**

BULLETIN NO : SBMA200312 Addendum  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND ALL RELEVANT STAFF  
DATE : May 2003  
SUBJECT : BF 175 / 200 / 225 Recall

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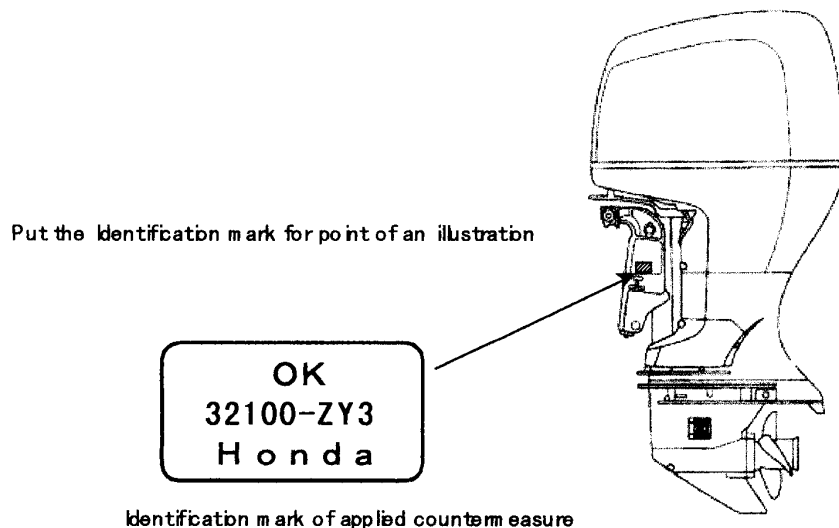
Dear Honda Marine Dealer,

Enclosed please find a list of BF175, 200 and / or BF225 outboards that our records show you have purchased.

Also enclosed are the sticker, protective cover and tie strap required for each unit.

Can you please re-work any units you have in stock as per Service Bulletin SBMA200312 and also notify any customers that have purchased these units from your dealership and book them in for an inspection and rework. The customers that are registered on the Honda warranty system will receive a letter notifying them of this voluntary recall.

All re-worked units must have a claim done on them and a sticker attached in order to track the rework progress. Please keep your paperwork up to date and if you have any problems please contact Marine Service.



If you have any questions at all on this rework issue, please contact Marine Service.

**BRUCE BUTT**  
**National Service Manager**

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SERVICE MANAGER

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PARTS MANAGER

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SALES MANAGER

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DEALER PRINCIPAL

# SERVICE BULLETIN

SBMA200312

# HONDA MARINE

MAY 2003

## PRODUCT SAFETY RECALL BF175 • BF200A • BF225A MAIN ENGINE HARNESS INSPECTION

### SYMPTOM

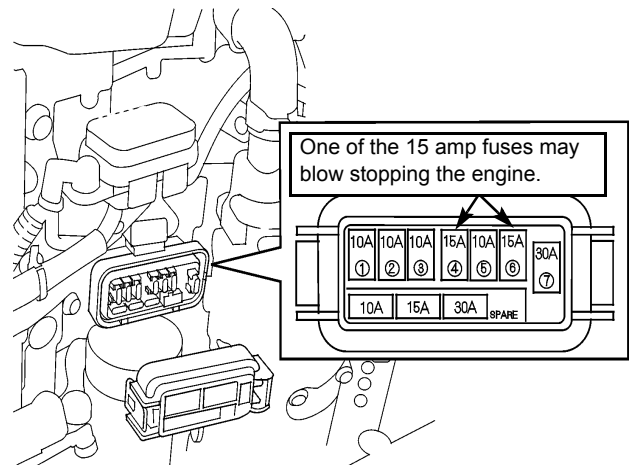
Honda MPE Pty Ltd. has initiated a safety recall for the BF175, BF200 and BF225 outboard motors.

The routing of the engine wiring harness may allow contact with the throttle body under normal running conditions. Eventually, the repeated contact may wear through the wire's insulation and cause a short circuit. This may cause a blown fuse (15A) and the engine will stop, or the short may cause the throttle cable to overheat and become difficult to move or, in the worst case, the throttle could become stuck.

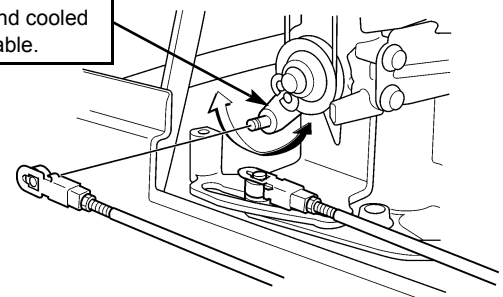
Proceed to *Corrective Action* (next page) on any unit in the affected serial number range.

### AFFECTED UNITS

MODEL	FRAME SERIAL NUMBER RANGE
BF175A3	BAJJ-1000001 - 1000194
	BAKJ-1000001 - 1000016
BF200A2	BAEJ-1000001 - 1000970
	BAFJ-1000001 - 1000223
BF225A2	BAGJ-1000001 - 1003341
	BAHJ 1000001 - 1000614



The throttle arm will not operate because the throttle cable inner liner has melted and cooled around the cable.



**CONSUMER INFORMATION:** The information in this service bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely service and repair your Honda outboard motor. These procedures should not be attempted by "do-it-yourselfers", and you should not assume that this bulletin applies to your equipment, or that your outboard motor has the condition described. To determine whether this information applies, contact an authorized Honda Marine dealer.

**MAY 2003**

## **CORRECTIVE ACTION**

All affected units must be inspected for possible main harness damage. If no damage has occurred, install the protective cover after completing the inspection. If the main engine harness has been damaged, install a new main engine harness. In addition, the throttle cables must be replaced if the main engine wire harness has been damaged.

**Units in Honda inventory:** Affected units in Honda inventory will have the update performed. These units can be identified by an orange dot on the carton. If you are not sure about a certain frame number, please call honda service for clarification.

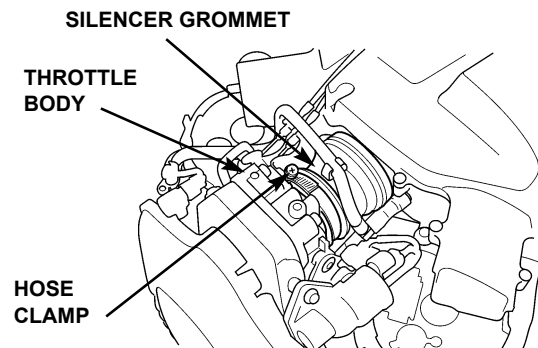
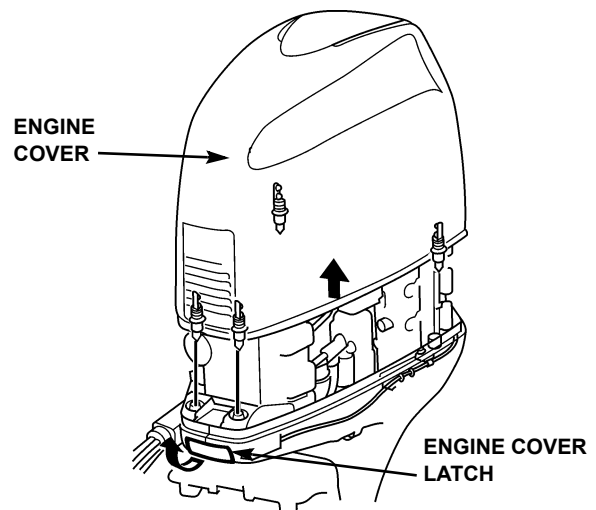
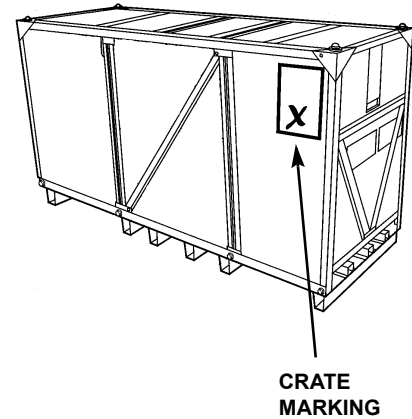
**Registered units:** Honda has sent a letter to registered owners of affected outboards to contact an authorized Honda Marine dealer to make arrangements to have the inspection and update performed. A copy of the letter is included at the end of this bulletin.

**Units in dealer inventory:** All affected units in dealer inventory must have the update performed prior to customer delivery and Honda must be informed of the frame numbers.

**In-service units:** Inspect and update all in-service units within the affected serial number range. Report any reworked frame numbers back to Honda.

## **INSPECTION PROCEDURE**

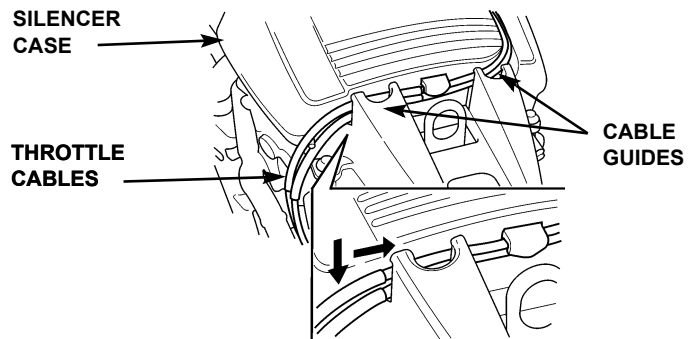
1. Trim the outboard to a position that will allow access to the throttle body.
2. Disconnect the battery cable.
3. Remove the engine cover.
4. Loosen the hose clamp securing the silencer grommet to the throttle body.





- Remove the throttle cables from the cable guides in the silencer case.

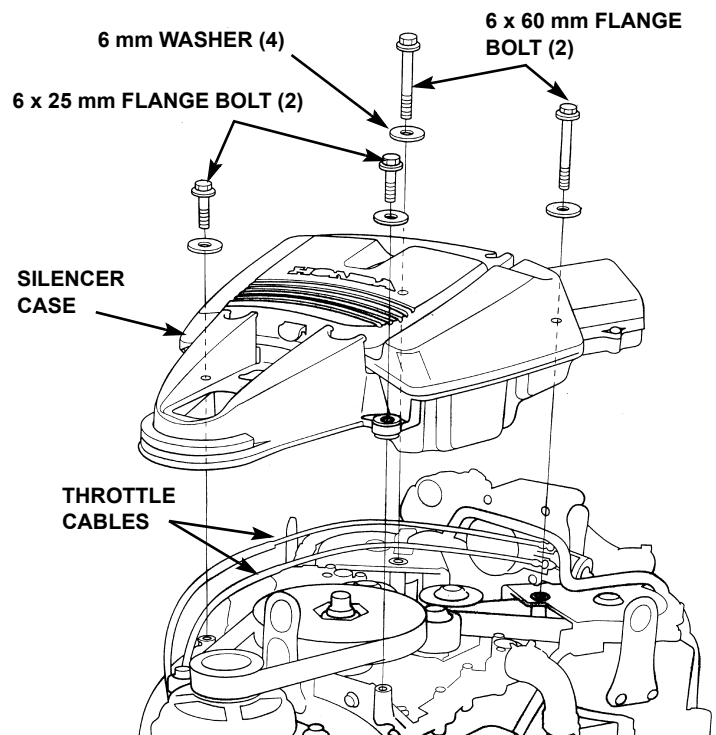
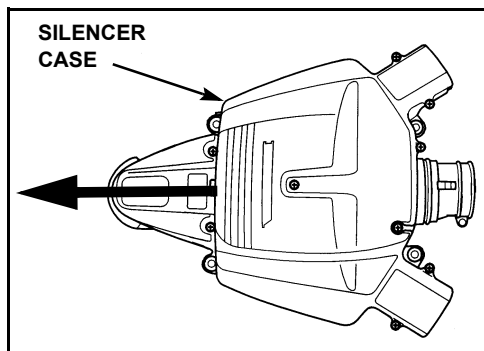
It is not necessary to remove the throttle cables from the throttle body or throttle arm when removing the intake manifold for this procedure.



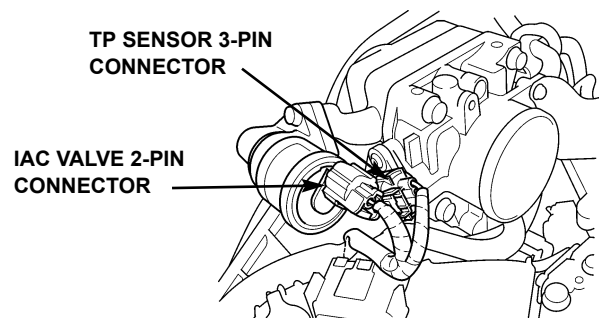
- Remove the two 6 x 25 mm flange bolts, two 6 x 60 mm flange bolts and four 6 mm washers.

Be sure not to drop the washers.

- While holding up on the throttle cables, pull the silencer case in the direction of the alternator to remove.



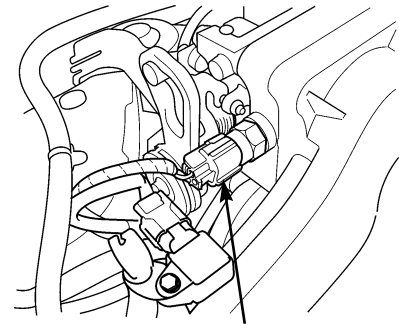
- Disconnect the IAC valve 2-pin connector and the TP sensor 3-pin connector at the throttle body.



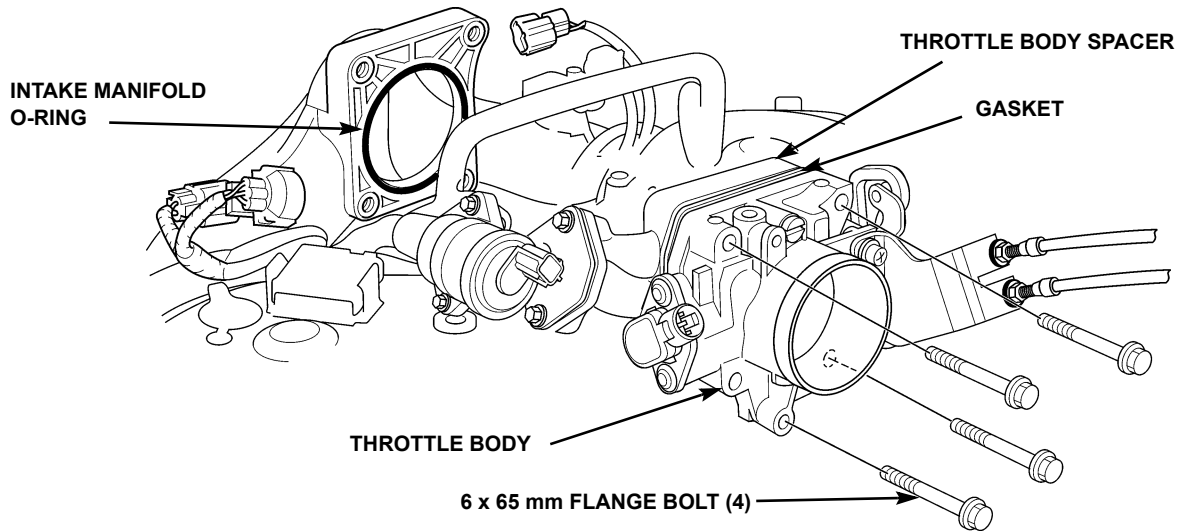
9. Disconnect the IAT sensor 2-pin connector at the throttle body.
10. Remove the four 8 x 65 mm flange bolts and remove the throttle body, gasket and throttle body spacer as one unit. Take care not to drop the bolts during removal. Lay the throttle body to the front of the motor and protect it with shop towels to prevent damage.

The throttle body spacer may stay attached to the throttle body.

Check that the intake manifold O-ring stays in the intake manifold groove.

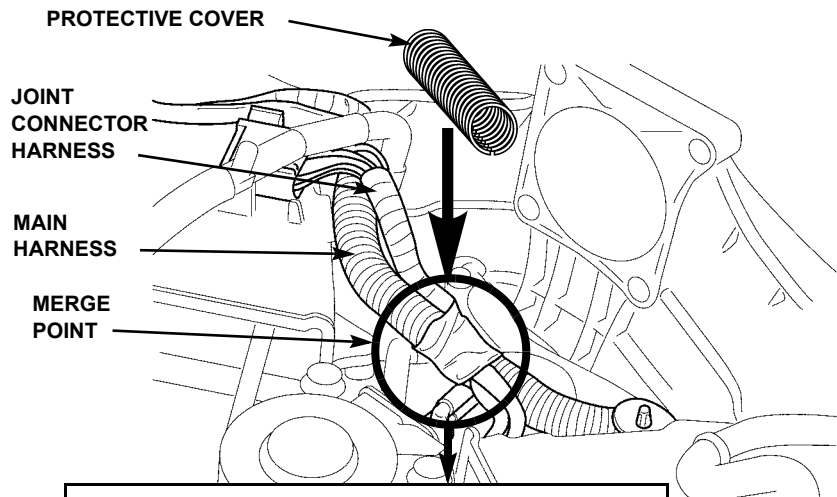


**IAT SENSOR 2-PIN CONNECTOR**



11. Inspect the taped area where the joint connector harness merges with the main harness. If any of the tape is rubbed or broken where any of the wires are visible, proceed to *Main Engine Harness Replacement* (page 6). If no damage is visible, continue on and install the protective cover.

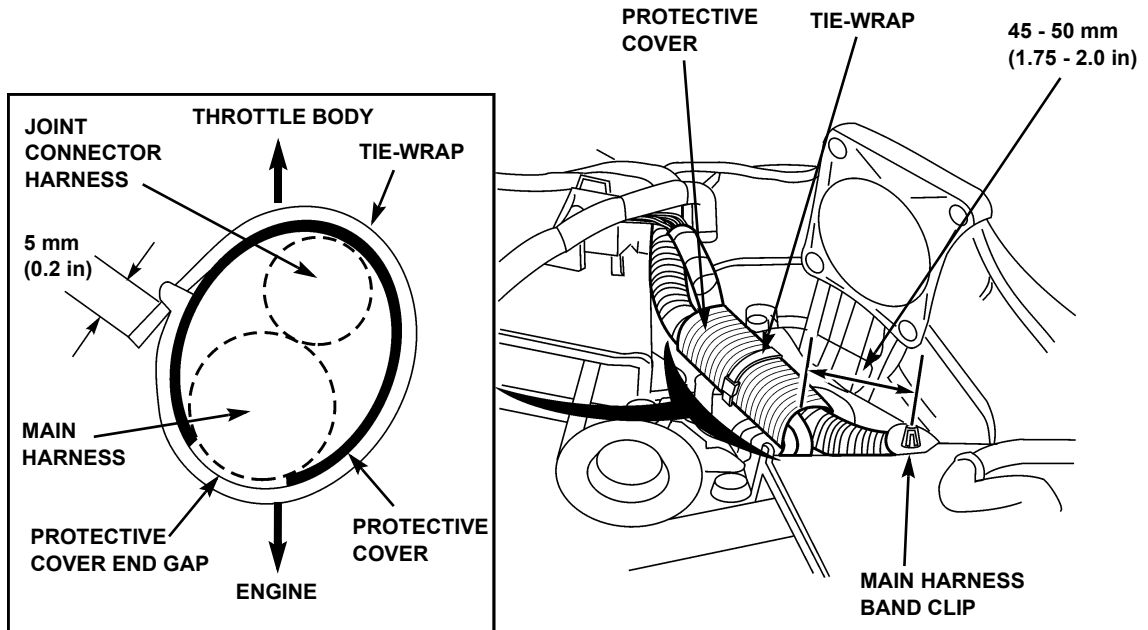
12. Install the protective cover over the main harness where the joint connector harness merges with the main harness.



Replace the main engine harness if the tape is rubbed, torn or damaged exposing any of the wires.

A small inset diagram showing the main engine harness being replaced. The diagram shows the old harness being removed and a new one being installed. The text in the box explains that the main engine harness should be replaced if the tape is rubbed, torn, or damaged, exposing any of the wires.

13. Make sure the protective cover gap is toward the engine and the closed end is toward the throttle body.
14. Position the end of the protective cover 45 - 50 mm (1.75 - 2.0 in) from the main harness band clip as shown.
15. Secure the protective cover to the main harness with the tie-wrap as shown. Cut the end of the tie-wrap to a length of 5 mm (0.2 in).



16. Reassemble the engine in the reverse order of its disassembly.

Be sure the throttle cables are not twisted when installing the throttle body. Tighten the throttle body 8 mm flange bolts to the specified torque.

**TORQUE: 8 mm flange bolt - 22 N•m (16 ft-lb)**

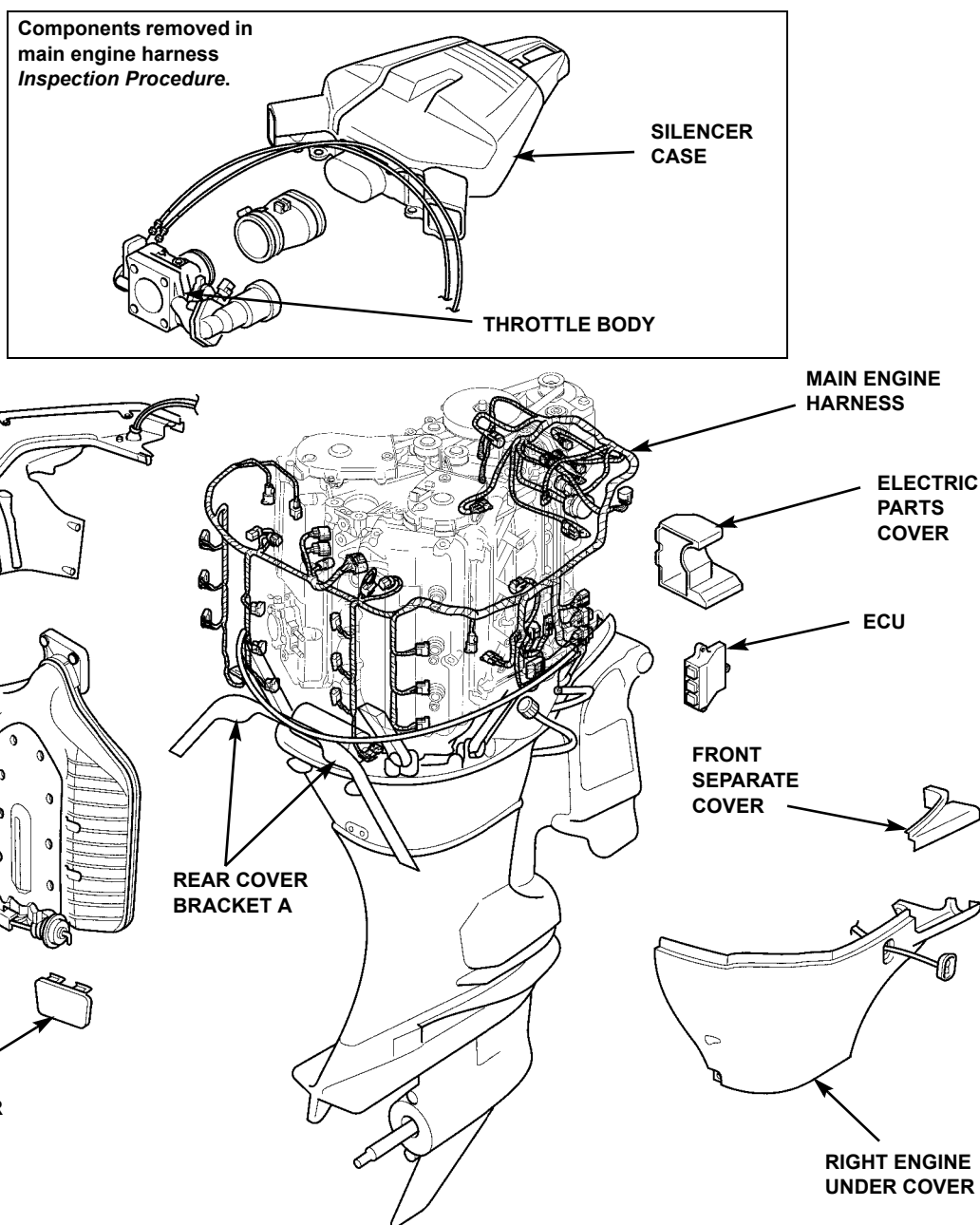
17. Proceed to the Warranty Information (page 19) after the update has been completed.

**MAY 2003**

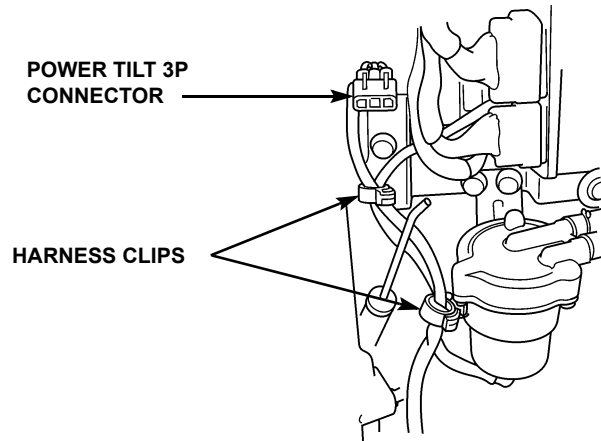
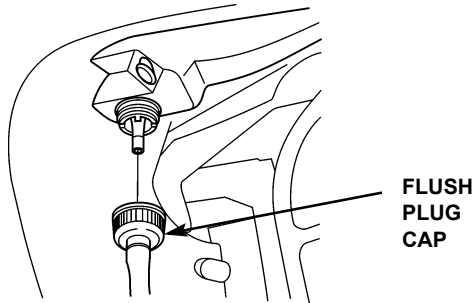
## **MAIN ENGINE HARNESS REPLACEMENT**

If the main engine harness is damaged, it must be replaced. The throttle cables must also be replaced if the main engine harness shows signs of damage. The following items will be removed to replace the harness (the silencer case and throttle body were removed in the *Inspection Procedure*):

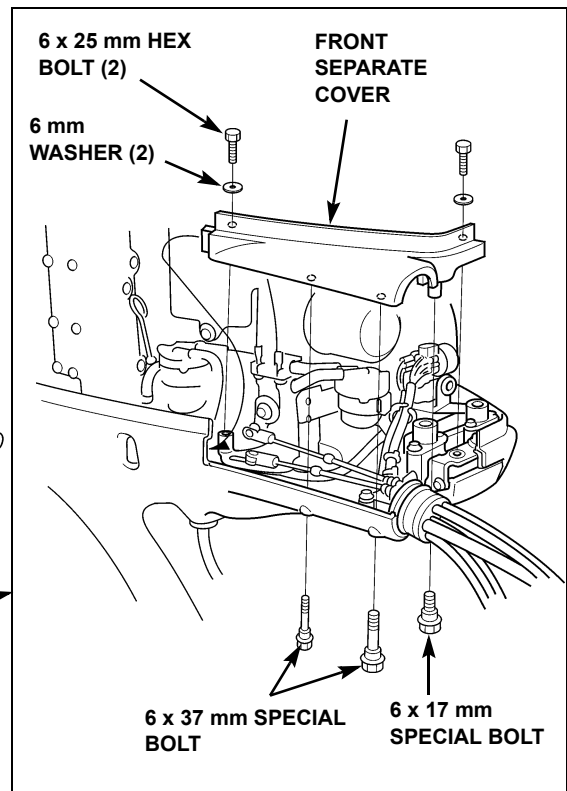
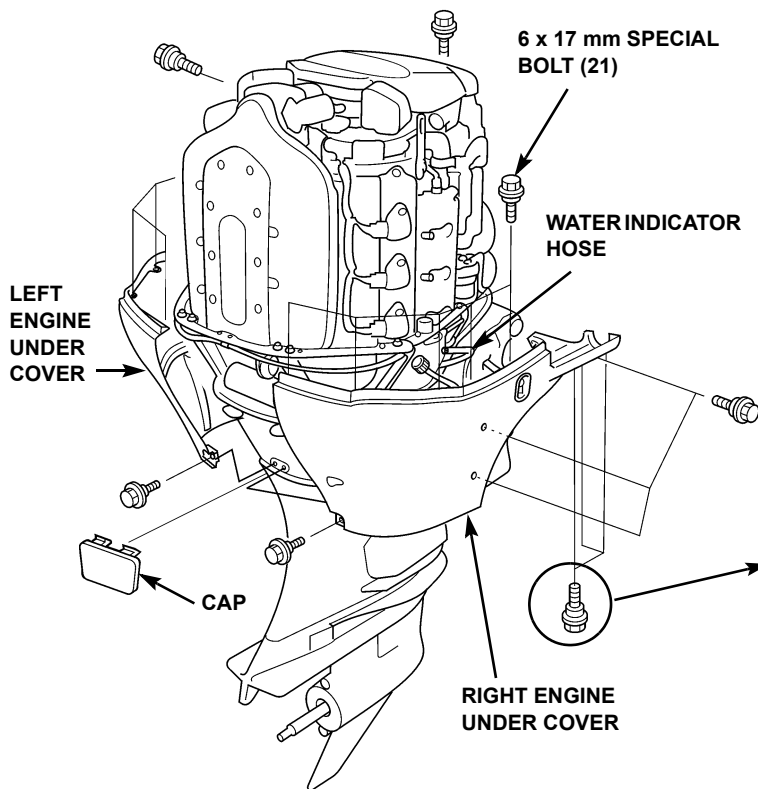
- Front separate cover
- Electric parts cover
- Under cover cap
- Right and left engine under covers
- Intake manifold
- Rear cover bracket A
- ECU



1. Disconnect the power tilt switch 3P connector and remove the harness from the harness clips.
2. Disconnect the flush plug cap from the right engine under cover.

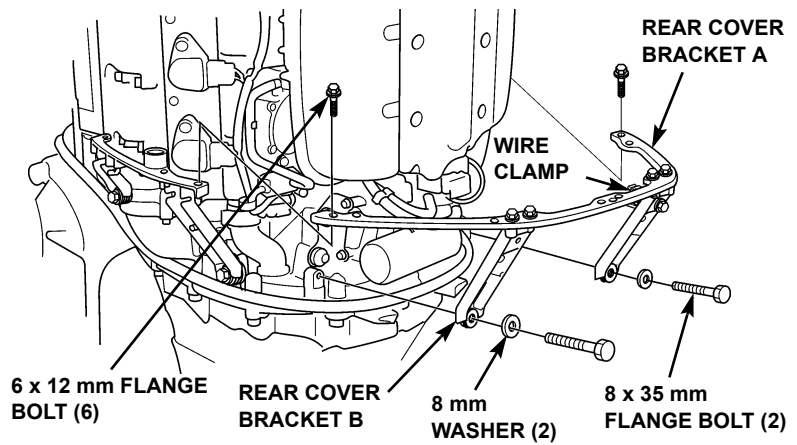


3. Use a screwdriver and carefully remove the cap below the exhaust outlets.
4. Remove the twenty 6 x 17 mm special bolts and remove the left engine under cover. Carefully lay the left engine cover on protective padding in front of and to the side of the engine.  
The power tilt/trim angle sensor wire harness does not have to be disconnected.
5. Remove the two 6 x 25 mm hex bolts, the two 6 x 37 mm bolts, the 6 x 17 mm special bolt and the front separate cover.
6. Remove the water indicator hose from the right engine cover. Lay the right engine cover on protective padding.



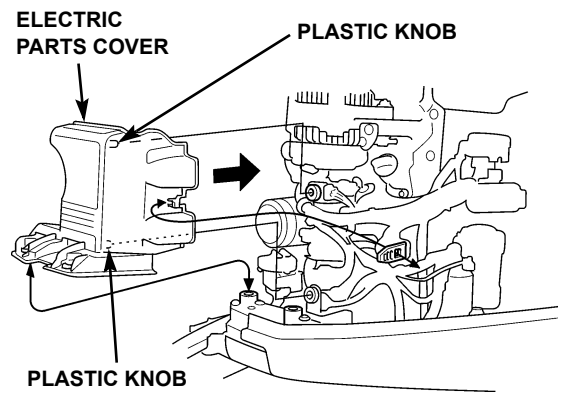
7. Remove the two 6 x 12 mm flange bolts and two 8 x 35 mm flange bolts. Remove the rear cover bracket "A" and "B" together.

Open the black plastic cable wire clamp and release the cover lock cable. It is not necessary to disconnect the cover lock cable.



8. Remove the electric parts cover.

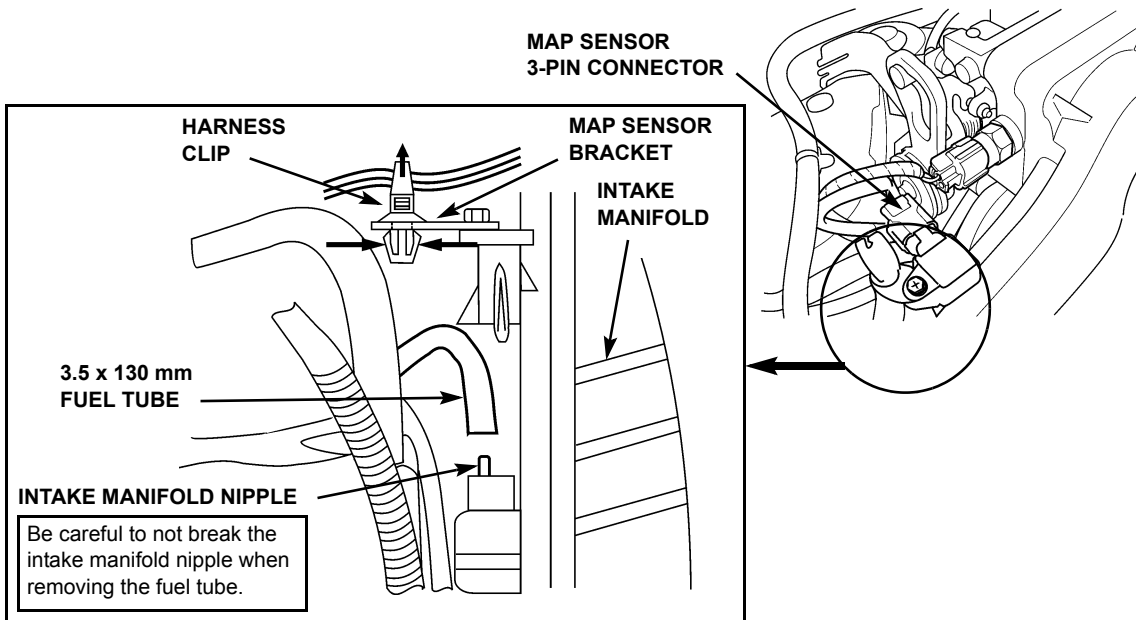
Take care not to break the plastic knobs on the cover.



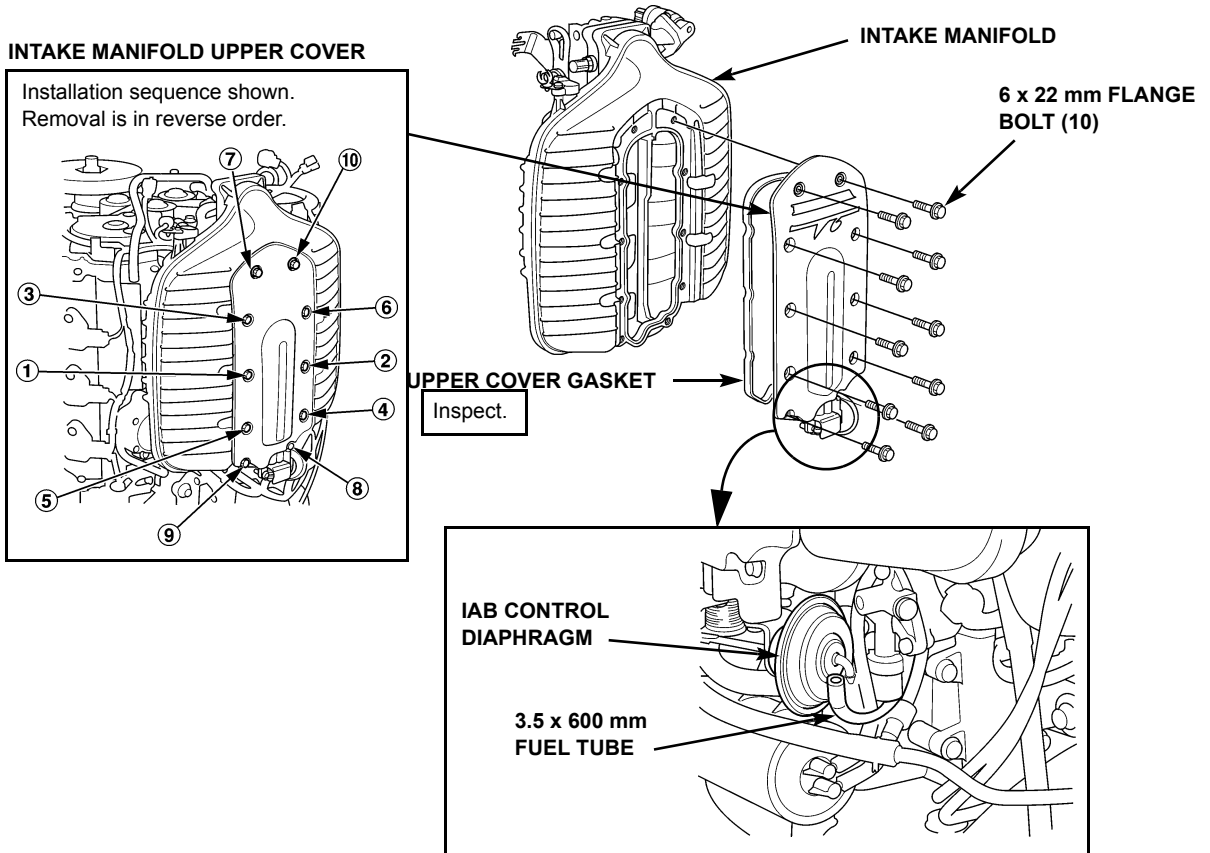
9. Disconnect the MAP sensor 3-pin connector, and remove the harness clip from the MAP sensor bracket.

10. Remove the 3.5 x 130 mm fuel tube from the intake manifold.

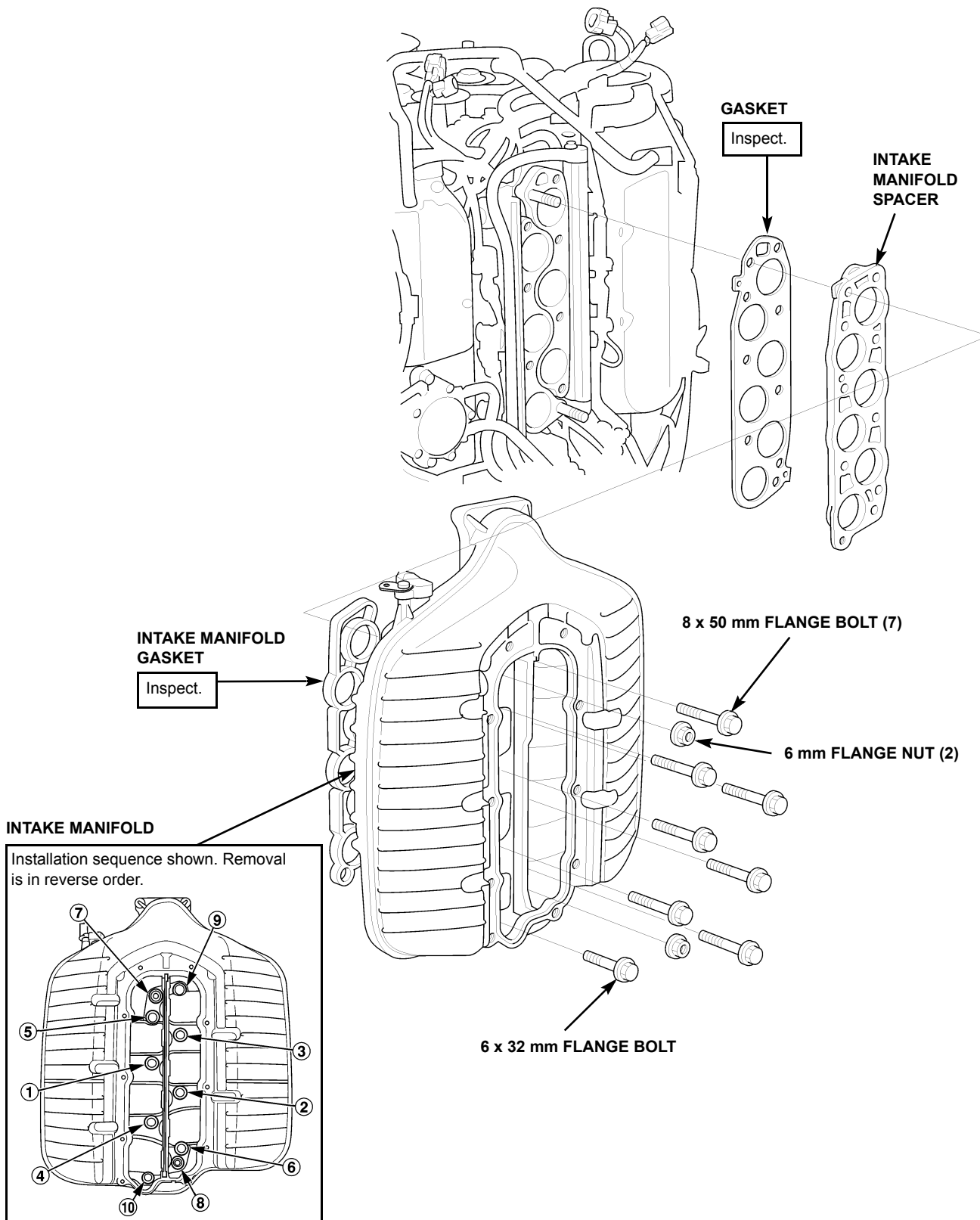
Be careful to not break the intake manifold nipple when removing the fuel tube.



11. Remove the intake manifold upper cover from the intake manifold by loosening the ten 6 x 22 mm flange bolts in two or three steps following the reverse order of the sequence shown below (example 10, 9, 8, 7, 6...1).
12. Disconnect the 3.5 x 600 mm fuel tube from the IAB control diaphragm at the bottom of the intake manifold cover.
13. Inspect the upper cover gasket. Replace if necessary.



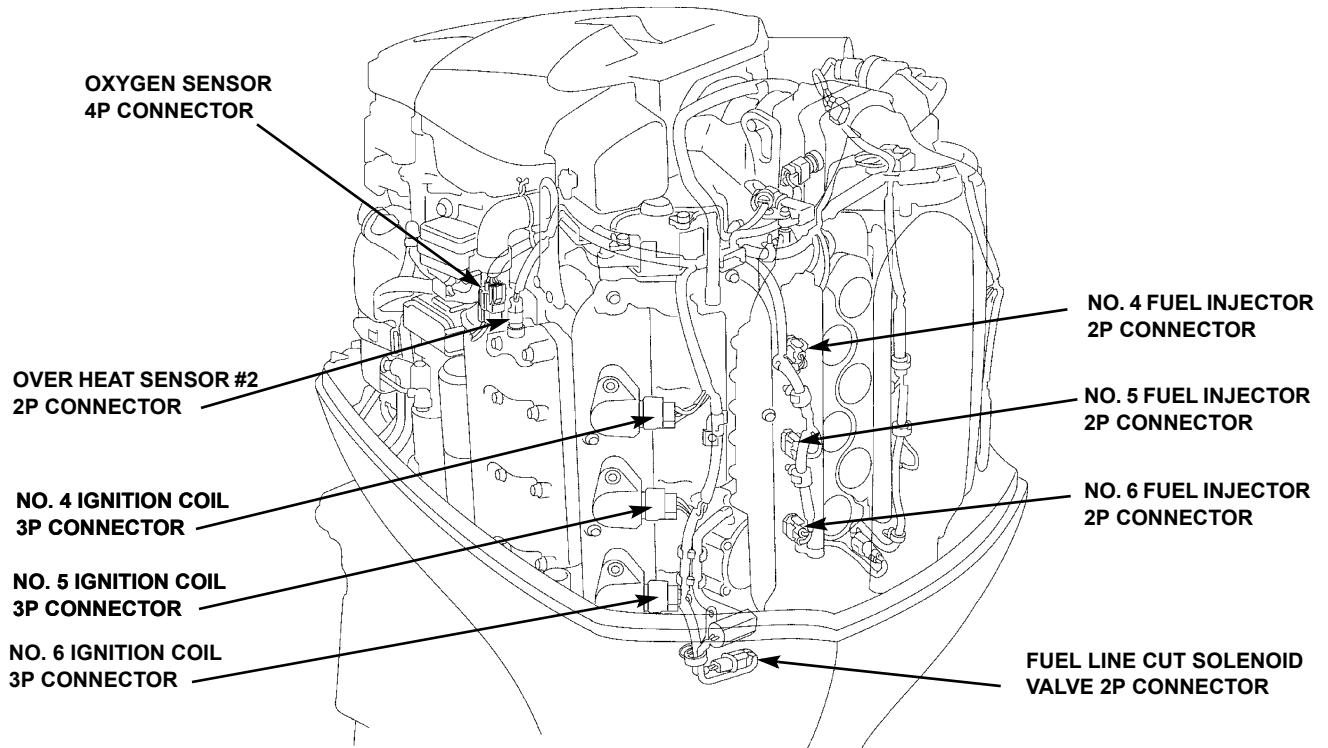
- 14. Remove the intake manifold by loosening the seven 8 x 50 mm flange bolts, 6 x 32 mm flange bolt and two 8 mm flange nuts in two or three steps following the following the reverse order of the sequence shown below (example 10, 9, 8, 7, 6...1).
- 15. Remove the intake manifold. The throttle body was removed in the *Inspection Procedure*.





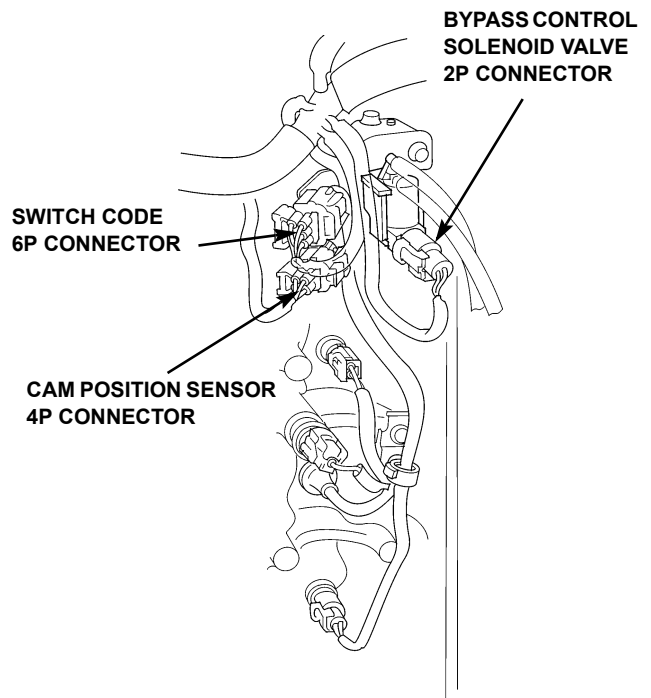
16. Disconnect the following from the engine port side:

- Oxygen sensor 4P connector.
- Over heat sensor #2 2P connector.
- No. 4, 5, 6 Ignition coil 3P connectors.
- Fuel line cut solenoid valve 2P connector.
- No. 4, 5, 6 fuel injector 2P connectors.



17. Disconnect the following from the block "V" area:

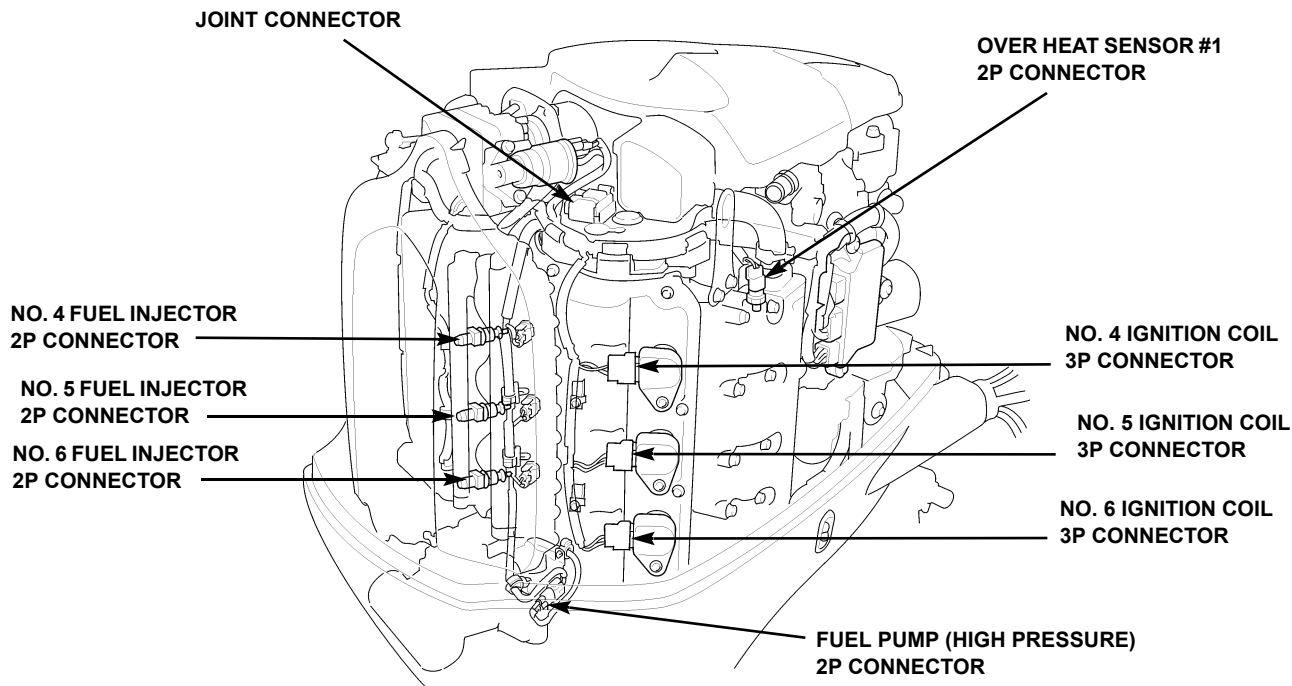
- Switch code 6P connector.
- Cam position sensor 4P connector.
- Bypass control solenoid valve 2P connector.



**18.** Remove the joint connector from its bracket.

**19.** Remove the following from the engine starboard side:

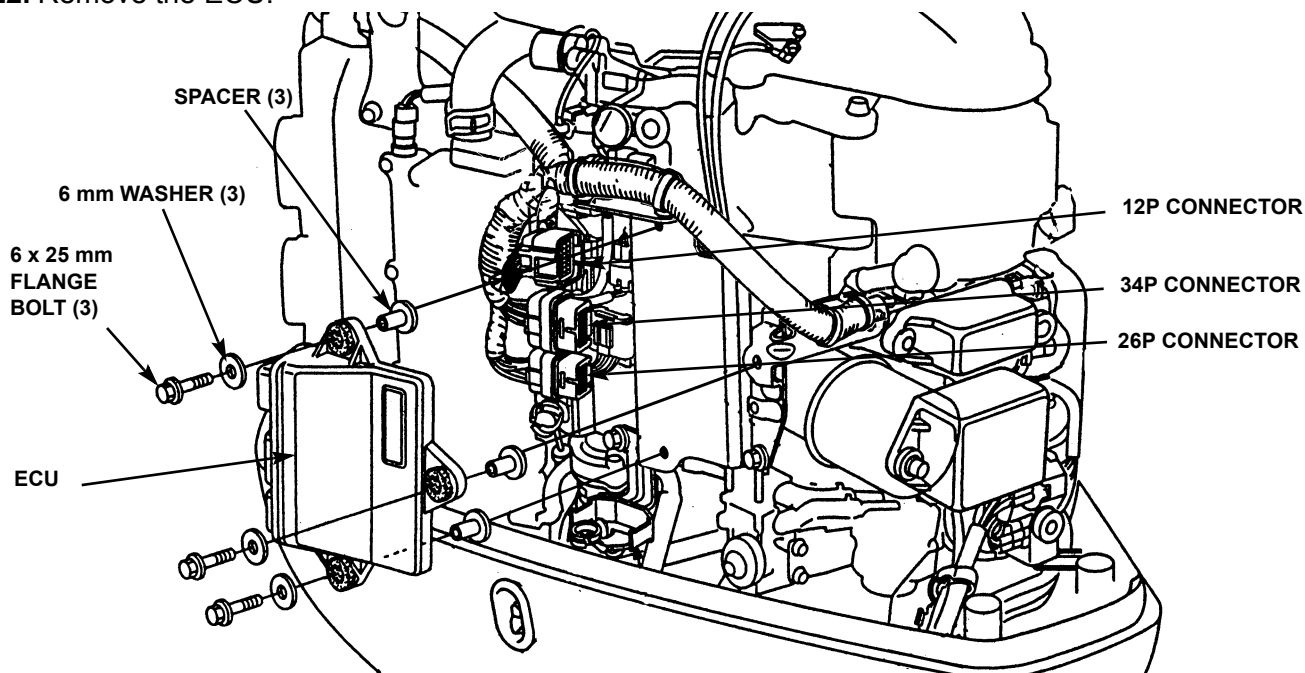
- No.1, 2, 3 Ignition coil 3P connectors from the ignition coils.
- No.1, 2, 3 fuel injector 2P connectors from the fuel injectors.
- Fuel pump (high pressure) 2P connector.
- Over heat sensor #1 2P connector.



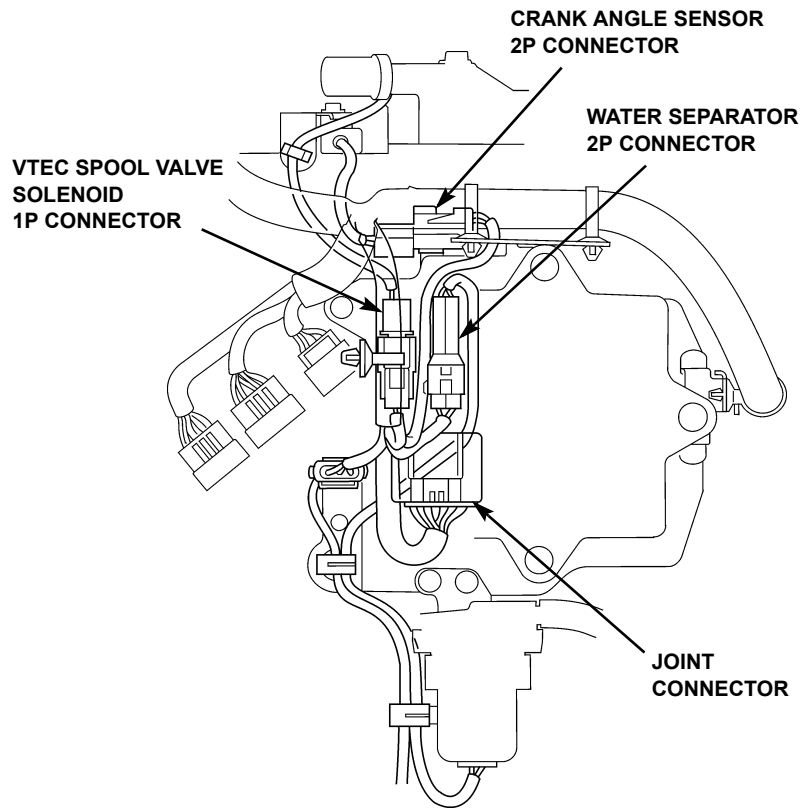
**20.** Remove the three 6 x 25 mm flange bolts and washers securing the ECU.

**21.** Disconnect the 26P, 34P and 12P connectors from the ECU.

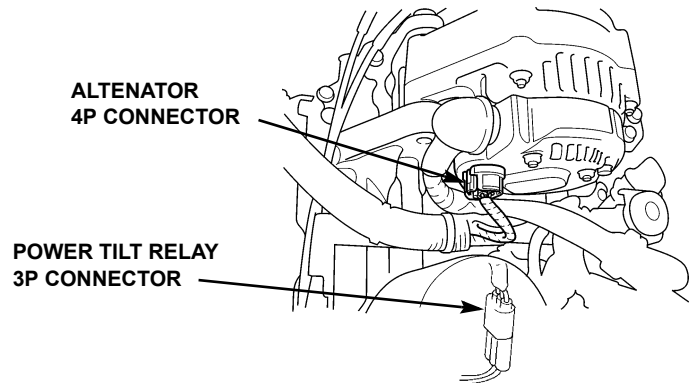
**22.** Remove the ECU.



- 23. Remove the joint connector from its bracket.
- 24. Disconnect the water separator 2P connector.
- 25. Disconnect the VTEC spool valve solenoid 1P connector.
- 26. Disconnect the crank angle sensor 2P connector.

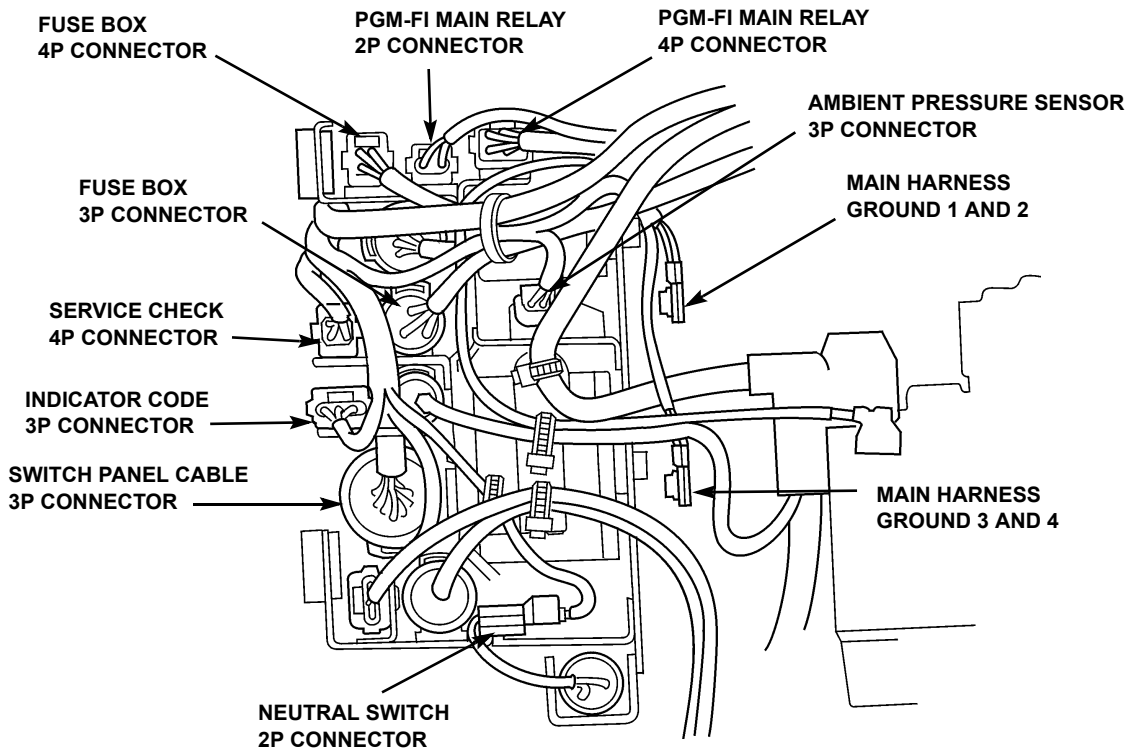


- 27. Disconnect alternator 4P connector.
- 28. Disconnect the power tilt relay 3P connector.



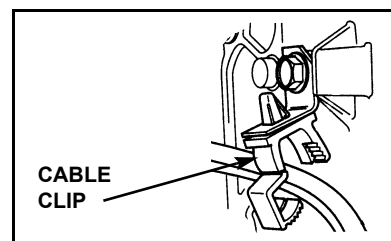
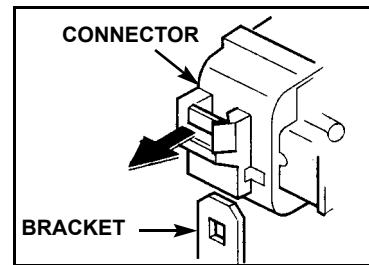
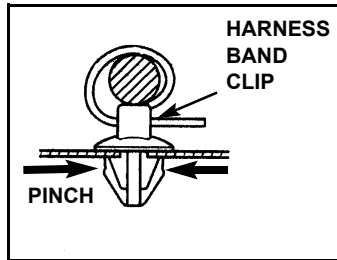
**29. Disconnect the following connectors from where the electric parts cover was removed:**

- Main harness ground 1, 2 and main harness ground 3, 4.
- Fuse box 4P connector.
- PGM-FI main relay 2P connector.
- PGM-FI main relay 4P connector.
- Service check 4P connector.
- Indicator code 3P connector.
- Switch panel 14P connector.
- Neutral switch 2P connector.
- Ambient pressure sensor 3P connector.
- Fuse box 3P connector.



**30. Before removing the main engine harness:**

- Release connectors from brackets.
- Release harness band clips that secure different harness parts to engine covers, brackets, etc.
- Open cable clips to release parts of the main engine harness.



- 31.** Attach the new main wire harness in the reverse procedure of removal.
- 32.** Reassemble the engine. Using the shop manual, take special care when reassembling the following:
- Verify that the fuel pressure regulator return hose is not pinched between the intake manifold and the starboard valve cover when installing the intake manifold.
  - You can reuse the stamped metal intake manifold gasket when installing the intake manifold. Make sure the intake manifold upper cover gasket (black rubber O-ring type seal) is in its groove before installing the upper cover.
  - You must follow the tightening procedure (page 9 and page 10 of this bulletin) for the intake components to prevent vacuum leaks or damage to the intake manifold and cover.

**TORQUE:**

**INTAKE MANIFOLD**

**8 mm flange bolt: 27 N•m (2.7 kg-m, 20 ft-lb)**

**8 mm flange nut: 27 N•m (2.7 kg-m, 20 ft-lb)**

**6 mm flange bolt: 12 N•m (1.2 kg-m, 9 ft-lb)**

**INTAKE COVER**

**6 mm flange bolt: 10 N•m (1.0 kg-m, 7 ft-lb)**

**THROTTLE BODY**

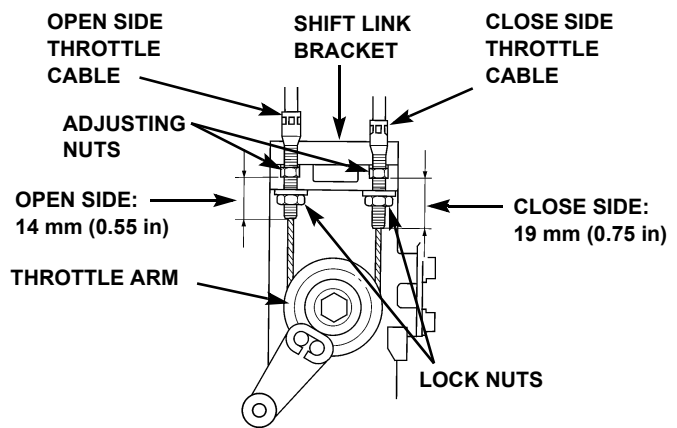
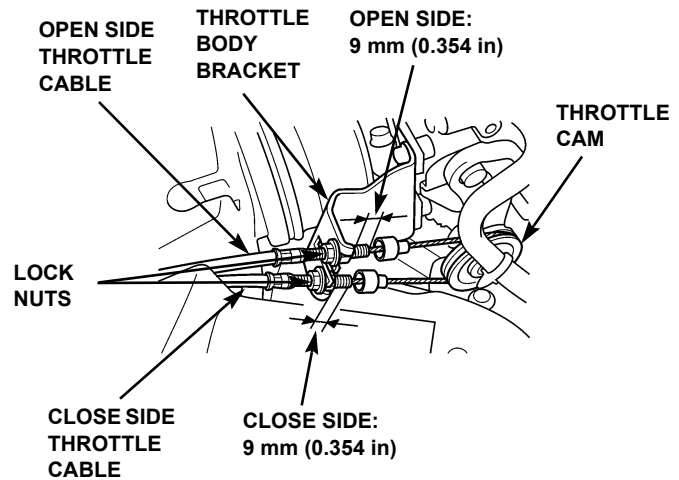
**8 mm flange bolt: 22 N•m (16 ft-lb)**

- Do not over-tighten the 6 mm engine under cover special bolts. Apply a small amount of marine grease on these bolt threads to preserve the threads in the castings.
  - Do not forget to connect the coolant indicator hose when installing the starboard engine under cover. Verify that the trim switch wire harness is routed correctly.
  - Verify that the throttle cables are routed correctly and not twisted when installing the throttle body.
- 33.** Proceed to the following page for *Throttle Cable Replacement*.

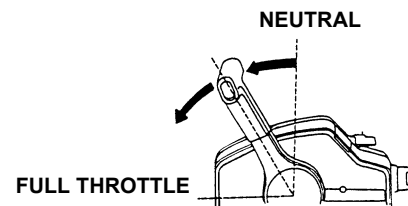
### THROTTLE CABLE REPLACEMENT

Replace the open side throttle cable first, then the close side throttle cable.

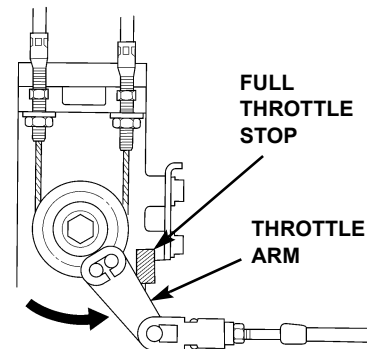
1. Loosen the open side throttle cable lock nuts.
2. Remove the open side throttle cable from the throttle body cable bracket and then from the throttle cam.
3. Remove the open side throttle cable from the shift link bracket and the throttle arm.
4. Install the open side throttle cable to the throttle cam and the throttle body bracket.
5. Set the open side throttle cable length to 9 mm (0.534 in).
6. Install the open side throttle cable to the throttle arm and the shift link bracket.
7. Measure the throttle cable length from the end of the threaded part to the adjusting nut end as shown.
8. Tighten the lock nut.
9. Perform the same procedure for the replacing the closed side throttle cable.
10. Route and install the cables in the silencer case.



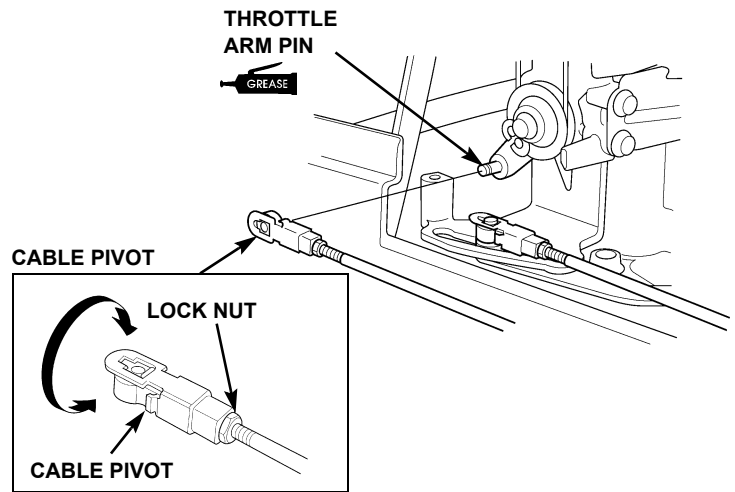
11. Move the remote control lever to the full throttle position.



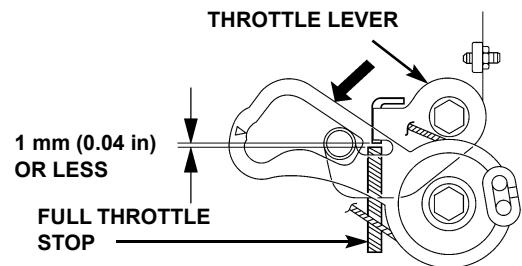
12. Inspect the throttle arm to see if it is in contact with the full throttle stop.



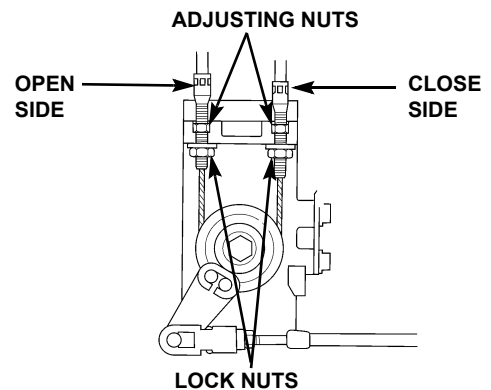
13. If throttle arm does not contact the full throttle stop, loosen the cable pivot lock nut.
14. Remove the cable pivot from the throttle arm pin. Turn the cable pivot as necessary until the throttle arm contacts the full throttle stop when the remote control lever is in the full throttle position.
15. Grease the throttle arm pin then reconnect the cable pivot to the throttle arm pin.
16. Tighten the cable pivot lock nut.



17. With the remote control lever in the full throttle position, check to see if there is a 1 mm (0.04 in) gap or less between the throttle lever and the full throttle stop.

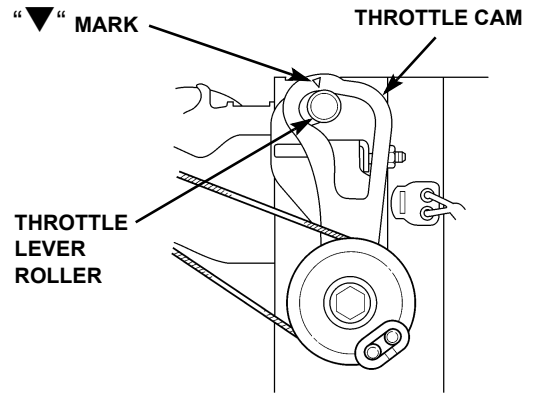


18. If adjustment is required, loosen the OPEN and CLOSE side lower lock nuts.
19. Move the OPEN and CLOSE side adjuster nuts up or down until a 1.0 mm (0.04 in) gap or less is obtained between the throttle lever and the full throttle stop with the remote control lever in the full throttle position.
20. Tighten the OPEN and CLOSE side lower lock nuts.

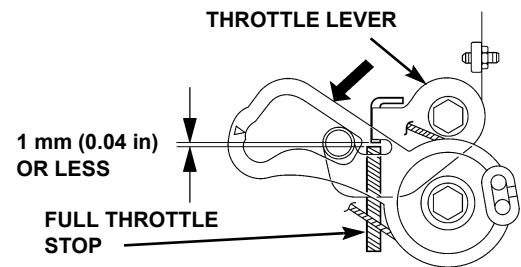


## MAY 2003

21. Move the remote control lever to the NEUTRAL position.
22. Check whether the “▼” mark on the throttle cam aligns with the center of the throttle lever roller.
23. If the “▼” mark on the throttle cam does not align with the center of the throttle lever roller, move the CLOSE side adjusting nut up or down as necessary.
24. Tighten the CLOSE side lower lock nut.



25. After all adjustments have been made, move the remote control lever to the full throttle position and check that the throttle lever has a 1 mm (0.04 in) gap or less at the full throttle stop. Readjust if necessary.
26. After reassembly, start the engine and check the throttle operation and for proper engine idle.





**PARTS INFORMATION**

The Harness protector kit will be sent to you as required, please contact Marine Service for the quantity required.

Description	Qty	Part Number
Harness Protector Kit	1	06200-ZY3-000

**If necessary:**

Main engine wire harness (BF175/200)	1	32100-ZY2-303
Main engine wire harness (BF225)	1	32100-ZY3-303
Throttle cable	2	17910-ZY3-003
Throttle body gasket (O-ring)	1	17109-ZY3-004
Throttle body gasket	1	16176-ZY3-000
Gasket, intake manifold upper cover	1	17138-ZY3-004
Gasket, intake manifold	1	17105-ZY3-004
Gasket, intake manifold spacer	1	17105-P8E-A01

The wiring harness and other parts must be ordered as per a normal warranty claim.

After each unit has been inspected and the Harness Protector Kit installed, please place the 'ok' sticker above the frame number on the transom bracket.

The sticker will be supplied with the Harness Protector Kit.

**WARRANTY INFORMATION**

File a warranty claim for only **one** of the following:

**Main Engine Harness Inspection and Protector Kit Installation Only**

<b>BF175 &amp; BF200</b>	<b>Fault Code</b>	<b>7AG175200H</b>
	<b>Flat Rate Time</b>	<b>0.8</b>
	<b>Causal Part</b>	<b>32100-ZY2-000</b>

<b>BF225</b>	<b>Fault Code</b>	<b>7AG225P</b>
	<b>Flat Rate Time</b>	<b>0.8</b>
	<b>Causal Part</b>	<b>32100-ZY3-000</b>

**Main Harness Installation (includes main engine harness inspection and throttle cable installation)**

<b>BF175 &amp; BF200</b>	<b>Fault Code</b>	<b>7AG175200H</b>
	<b>Flat Rate Time</b>	<b>3.6</b>
	<b>Causal Part</b>	<b>32100-ZY2-000</b>

<b>BF225</b>	<b>Fault Code</b>	<b>7AG225P</b>
	<b>Flat Rate Time</b>	<b>3.6</b>
	<b>Causal Part</b>	<b>32100-ZY3-000</b>



May 15, 2003

## **IMPORTANT SAFETY RECALL NOTICE**

### **What is the reason for this notice?**

Honda MPE Pty. Ltd. is conducting a voluntary safety recall of certain Honda BF175, BF200 and BF225 outboards motors. Our records indicate that you may own one of these products.

### **What is the problem?**

The routing of the engine wiring harness may allow contact with the throttle body under normal running conditions. Eventually, the repeated contact may wear through the wire's insulation and cause a short circuit. This may cause a blown fuse (15A) and the engine will stop, or the short may cause the throttle cable to overheat and become difficult to move or, in the worst case, the throttle could become stuck.

If you have experienced a blown 15 amp fuse, or your throttle operation is not normal, we strongly recommend that you stop using your outboard motor until it has been inspected and the condition has been corrected.

### **What should you do?**

We have developed an insulation kit to protect the harness from being rubbed through. Please contact your servicing Honda Marine dealer to make an appointment to have your BF175, BF200 or BF225 inspected and repaired. The dealer will complete the recall procedure, free of charge.

If you need information regarding the location and phone number of your nearest Honda Marine servicing dealer, please contact us at: 1800 807 590 or access our dealer locator on 1800-241-173 or on our website at [www.hondamarine.com.au](http://www.hondamarine.com.au)

### **Who to contact if you experience problems?**

If you are not satisfied with the service you receive from your Honda dealer, you may contact:

Honda Marine  
Service Department  
1954-1956 Hume Hwy  
Campbellfield, VIC 3160

### **If you have any questions.**

Should you have any questions or concerns regarding this matter which your Honda servicing dealer cannot answer, please call Honda Marine service department on (03) 9270 1111.

It is our goal to provide you with the highest quality products and the best after-sale service. We apologise for any inconvenience this situation may cause.

We thank you for your purchase of a Honda product.

Sincerely,

Honda Marine.

Bruce Butt  
Service Manager

# Service Bulletin



BULLETIN NO : SBMA200311  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND ALL RELEVANT STAFF  
DATE : March 2003  
SUBJECT : BF 75/ 90 A Oil leak from oil pump

## Symptom

An engine oil may leak may occur from between the engine and mount case area.

## Cause

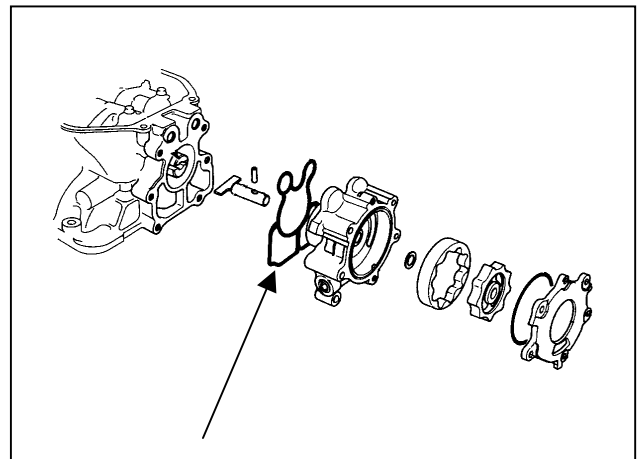
During manufacturing a human error may have been made and the o ring may have been damaged.

## Corrective Action

Replace parts as per list below. Use the workshop manual for the correct assembly and disassemble procedure.

## Application on production Line

This means any serial number less than the number below may be affected!



The O ring may have been damaged on assembly.

Model	Serial Prefix	Serial No.	FRT
BF 75A2	BBAL	4411696	FRT 2.6
BF75A3	BBAL	4500695	
BF90A2	BBBL	4414388	
BF90A3	BBBL	4501787	

**Warranty Information**

The numbers circled below refer to the number on the warranty claim form. When completing your warranty claim make sure the information in the following warranty claim field is the same as shown below. All other field ( boxes) must be completed as per normal.

⑬ **Fault code - 060**

⑭ **2.6 F.R.T.**

⑰ **Main Casual Part -91301-ZW1-000**

⑳ **QTY - 1**

**Warranty Application – Ordinary (Normal domestic and commercial warranty applies)**

**Replacement parts**

<b>Part number</b>	<b>Part description</b>	<b>Quantity</b>
91301-ZW1-000	O ring	1

**BRUCE BUTT**  
**National Service Manager**

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# Service Bulletin



BULLETIN NO : SBMA200310  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND ALL RELEVANT STAFF  
DATE : March 2003  
SUBJECT : BF 115/130 A2 Oil leak from balancer shaft

## Symptom

Oil may leak from the balancer shaft on the exhaust side of the cover.

## Cause

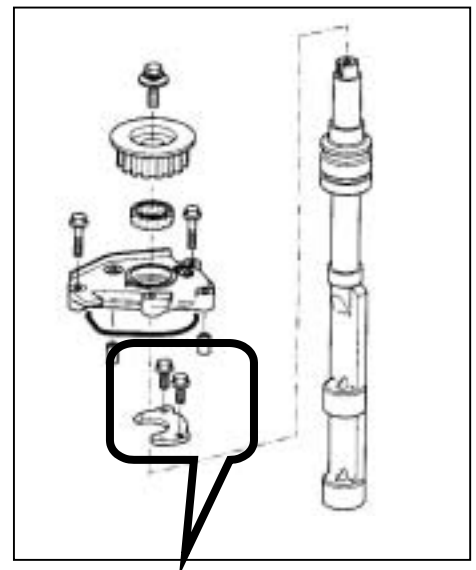
During manufacturing a human error may have been made and the retaining plate and the two bolts may not have been installed.

## Corrective Action

Replace parts as per list.

## Application on production Line

This means any serial number less than the number below may be affected!



Parts maybe missing.

Model	Serial Prefix	Serial No.	FRT
BF 115 A2	BZBD	1300397	FRT 1.0
BF 115 A2	BZBG	1300033	
BF 130 A2	BZBE	1302282	
BF 130 A2	BZBH	1300301	

**Warranty Information**

The numbers circled below refer to the number on the warranty claim form. When completing your warranty claim make sure the information in the following warranty claim field is the same as shown below. All other field ( boxes) must be completed as per normal.

⑬ **Fault code - 051**

⑭ **1.0 F.R.T.**

⑰ **Main Casual Part -13406-PT0-003**

⑳ **QTY - 1**

**Warranty Application – Ordinary ( Normal domestic and commercial warranty applies)**

**Replacement parts**

<b>Part number</b>	<b>Part description</b>	<b>Quantity</b>
13406-PT0-003	Thrust Balancer Shaft	1
90019-PT0-000	Bolts Flange	2
13422-ZW5-000	O-ring, Balancer cover	1
91233-PV0-003	Oil seal, 27 X 41 x 8(NOK)	1

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# Service Bulletin



BULLETIN NO : SBMA200309  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND ALL RELEVANT STAFF  
DATE : April 2003  
SUBJECT : BF 5 AX Fuel system vapor lock

## Symptom

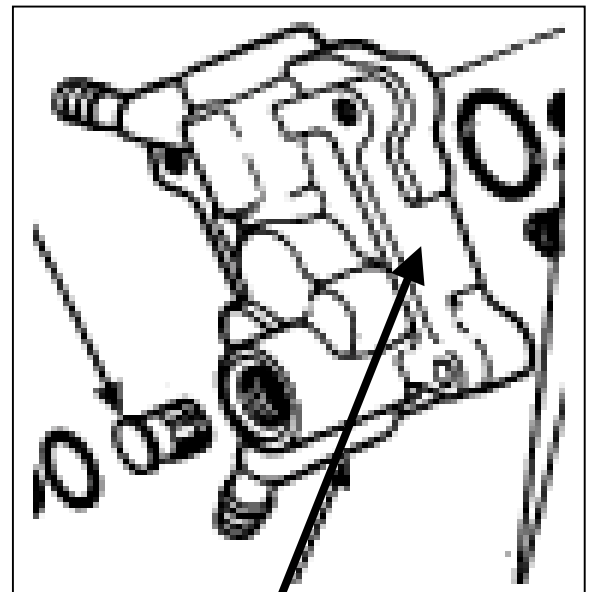
The engine stalls by itself after 20 minutes of running.

## Cause

Aeration of the fuel is caused by cracks in the diaphragm. The aeration then enters into the fuel pump, which causes a vapor lock.

## Corrective Action

Fit new fuel pump and cam shaft assembly.  
(use service manual for installation instructions)  
The letter Z is marked on the new style fuel pump.



Z mark

## Application on production Line

This means any serial number less than the number below may be affected!

Model	Serial Prefix	Serial No.	FRT
BF 5 A2	BADL	1701053	FRT 1.0
BF 5 A2	BADS	1704387	
BF 5 A3	BADS	1800809	

**Warranty Information**

The numbers circled below refer to the number on the warranty claim form. When completing your warranty claim make sure the information in the following warranty claim field is the same as shown below. All other field ( boxes) must be completed as per normal.

⑬ **Fault code - 060**

⑭ **1.0 F.R.T.**

⑲ **Main Casual Part -16700-ZV1-005**

⑳ **QTY - 0**

**Warranty Application – Ordinary ( Normal domestic and commercial warranty applies)**

**Replacement parts**

<b>Part number</b>	<b>Part description</b>	<b>Quantity</b>
16700-ZV1-015	Pump Assy,Fuel	1
14111-ZV1-030	Cam Shaft	1
11381-ZV1-850	Gasket	1
91306-921-000	“O” Ring	1

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# Service Bulletin



BULLETIN NO : SBMA200308  
 BULLETIN TO : ALL MARINE DEALERS  
 ATTENTION : SERVICE MANAGER AND ALL RELEVANT STAFF  
 DATE : March 2003  
 SUBJECT : BF 175/200/225 Tensioner bolt loose

## Symptom

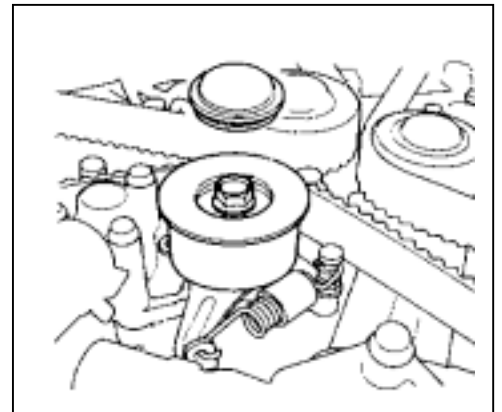
Camshaft timing belt adjustment pulley bolt may be incorrectly tensioned.

## Corrective Action

Re-tension the timing bolt tensioner bolt to 39 Nm at **20 hour service**.

## Application on production line

This means any serial number less than the number below may be affected!



Model	Serial Prefix	Serial No.	FRT
BF 175 A3	BAJJ	1000102	<b>FRT 0.7</b>
	BAKJ	1000011	
BF 200 A2	BAEJ	1000885	
	BAFJ	1000214	
BF 200 A3	BAEJ	1100522	
	BAFJ	1100113	
BF 225 A2	BAGJ	1003067	
	BAHJ	1000580	
BF 225 A3	BAGJ	1100952	
	BAHJ	1100410	

## Warranty Information

The numbers circled below refer to the number on the warranty claim form. When completing your warranty claim make sure the information in the following warranty claim field is the same as shown below. All other field ( boxes) must be completed as per normal.

- (13) **Fault code - 061**
(14) **0.7 F.R.T.**  
 (19) **Main Casual Part- 90040-ZY3-000**
(20) **QTY - 0**

**Warranty Application** – Ordinary ( Normal domestic and commercial warranty applies)

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# Service Bulletin



BULLETIN NO : SBMA200307  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND AII RELEVANT STAFF  
DATE : February 2003  
SUBJECT : New Prior Work Approval (PWA) form

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Ladies and Gentlemen,

In order to help simplify dealing with Honda, we have produced a new easy to fill out marine PWA form.

As you all should know a PWA form is used for engines out of warranty, goodwill repairs, warranty repairs over \$500, spare parts claims and damage stock units( such as a scratch on a cover from the factory not due to transportation damage).

Please make several copies of this form and file them away to be used at a later date. Also make sure that all the relevant staff are aware of this new form.

We hope this make life a bit easier for you.

**BRUCE BUTT**  
**National Service Manager**

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# Service Bulletin



BULLETIN NO : SBMA200306  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND ALL RELEVANT STAFF  
FROM : Sales Department  
DATE : February 2003  
SUBJECT : New marine service web site

Ladies and Gentlemen,

The service web site has now been opened. It currently contains the new BF 15/20D workshop manual.

**Darling Productions Pty. Ltd.**

**Video and CD-ROM Creation**



**Welcome to the Honda Marine Service Information website. Technical information and new model information will be displayed here as soon as it becomes available.**

**Now available BF15D-BF20D Setup manual, Service Manual and Supplement**

## How to enter the web site

Step 1 – Open up your V 3.00 marine technical CD. Ensure you have an internet connection active. Move the arrow to the box marked WEB site and left click the mouse on the box.(note -this information can only be accessed through the CD)

Step 2 – Now select the information you wish to open by using the mouse. Please note the information may take some time to download.

**BRUCE BUTT**  
**National Service Manager**

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# Service Bulletin



BULLETIN NO : SBMA200305  
BULLETIN TO : MARINE DEALERS  
ATTENTION : Marine Service Department  
DATE : February 2003  
SUBJECT : BF 115/130 Cylinder block

## Symptom

Poor engine performance or the engine running rough at idle.

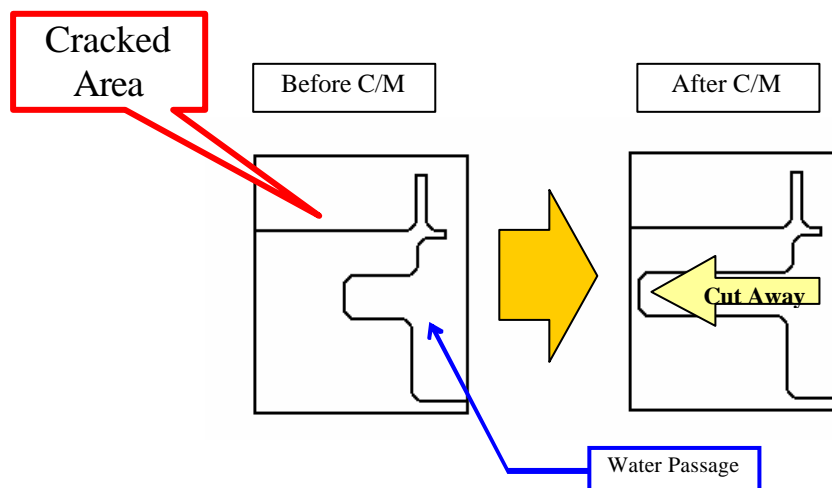
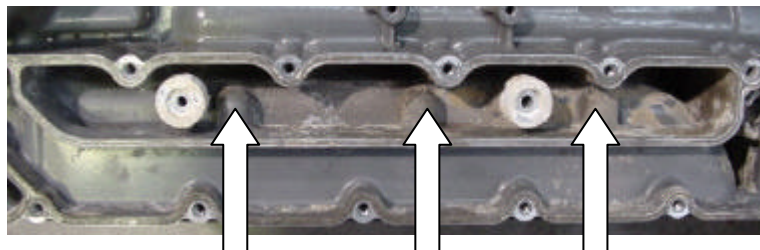
## Cause

Due to internal stress from the rapid swelling of the exhaust port during acceleration small cracks may occur in the coolant water passage behind the exhaust port.

## Corrective Action

In order to avoid the concentration of stress the four reinforcement ribs in the exhaust port have been modified.

## Illustration



# Service Bulletin



## Application on production line

This means any serial number less than the serial number below may be affected!

Model	Serial Prefix	Serial No.	FRT
BF 115A	BZBD	1200861	3.4
	BZBD	1002154	
	BZBG	1200001	
BF130A	BZBH	1001109	
	BZBH	1200141	

## Warranty Information

The numbers circled below refer to the numbers on the warranty claim form. When completing your warranty claim make sure the information in the following warranty claim field is the same as shown below. All other fields (boxes) must be completed as per normal.

13 Fault code – 599

14 F.R.T.- 3.4

19 Main Casual Part- 12201-ZW5-010ZA

20 QTY - 0

**Warranty Application-** Ordinary (normal domestic and commercial warranty applies)

## Replacement part number

Cylinder block assy -	12011-ZW5-020ZA	QTY 1
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**National Service Manager**

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# Service Bulletin



BULLETIN NO : SBMA200304  
BULLETIN TO : MARINE DEALERS  
ATTENTION : Marine Service Department  
DATE : February 2003  
SUBJECT : BF 115/130 Heads cracking

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## **Symptom**

Engine idle is unstable and water can be found in the combustion chamber.

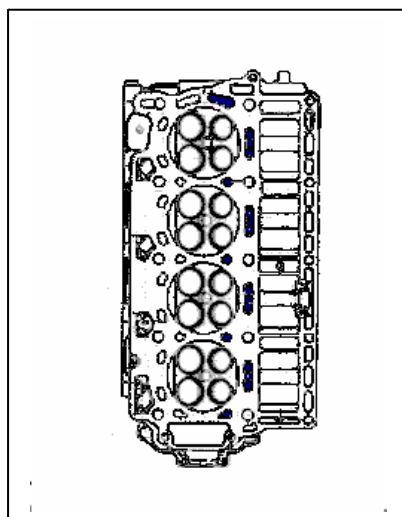
## **Cause**

A crack develops between the number 2 and number 3 cylinders allowing water to enter into the combustion chamber.

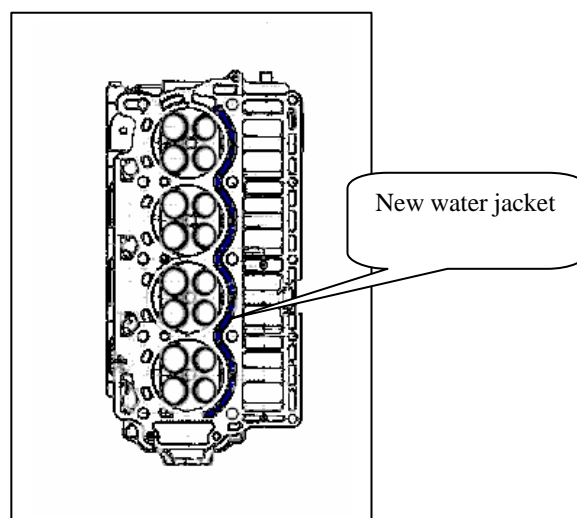
## **Corrective Action**

A cooling water jacket passage has been added in the cylinder head to help the engine have a more even flow of coolant water. The thermostat valve opening temperature has been changed from 72 to 60 degrees Celsius to reduce the coolant temperature.

Before C/M



After C/M



## Application on the production line

This means any serial number less than the serial number below may be affected!

Model	Serial Prefix	Serial No.	FRT
BF 115A2	BZBD	1300690	3.4
	BZBG	1300035	
BF 115A3	BZBD	1400001	
	BZBG	1400001	
BF130A2	BZBE	1302748	
	BZBH	1300363	
BF130A3	BZBE	1400001	
	BZBH	1400001	

## Warranty Information

The numbers circled below refer to the numbers on the warranty claim form. When completing your warranty claim make sure the information in the following warranty claim field is the same as shown below. All other fields (boxes) must be completed as per normal.

13 Fault code – 599

14 F.R.T.- 3.4

19 Main Casual Part- 12201-ZW5-010ZA

20 QTY - 0

**Warranty Application-** Ordinary (normal domestic and commercial warranty applies)

## Replacement part number

Cylinder head sub assy(no cam or valves)-	12201-ZW5-020ZA	QTY 1
Gasket head-	12251-ZW5-023	QTY 1
Thermostat(60 Deg)-	19300-ZY3-023	QTY 1

**OR**

Cylinder head and cam-assy-	12215-ZW5-020ZA	QTY 1
Gasket head-	12251-ZW5-023	QTY 1
Thermostat(60 Deg)-	19300-ZY3-023	QTY 1

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# Service Bulletin



BULLETIN NO : SBMA200303  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND AII RELEVANT STAFF  
DATE : February 2003  
SUBJECT : BF 40/50 A2 Trim converter

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Ladies and Gentlemen,

As per Service Bulletin SBMA200233, the new BF 40/50 A2 models trim system can only be used with the genuine Honda trim gauge.

To allow for aftermarket gauges such as Faria, Teleflex and VDO we now have a trim converter unit available. Part number is **34310-ZV5-000AH - trim convert assembly**. This part is available through the normal part system at an additional cost. The fitting instructions are included in the kit.

QTY	Part Number	Description
1	34310-ZV5-000AH	BF 40/50 A2 Trim convert

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# Service Bulletin



BULLETIN NO : SBMA200302  
BULLETIN TO : MARINE DEALERS  
DATE : February 2003  
SUBJECT : BF 15/20 D3 Possible fuel leak

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## **Symptom**

A small amount of fuel may leak out of the outboard under the following conditions.

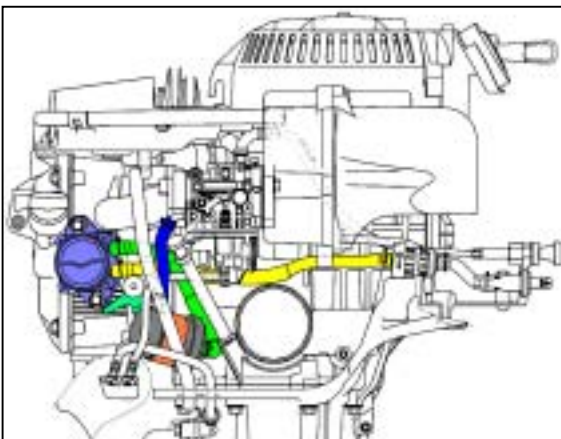
1. The engine is stopped after wide open throttle operation.
2. The outboard motor is fully tilted up and tipped to the right-turn position and kept in that position for 1.5 to 8 minutes.

## **Cause**

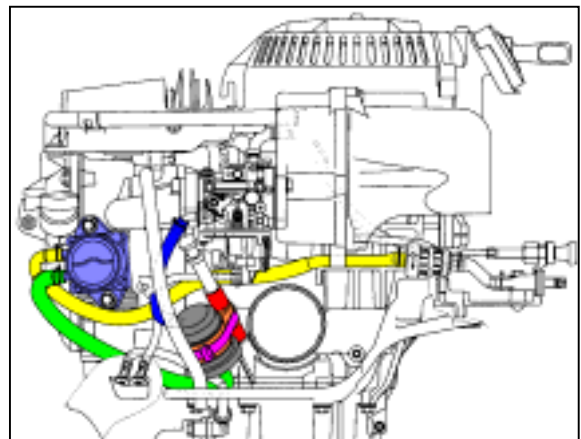
Due to vaporized petrol in the fuel pump, the internal pressure of the fuel pump can rise, allowing liquid petrol in the fuel chamber to flow into the carburetor. The petrol that flows into the carburetor can then leak out of the carburetor through the main nozzle.

## **Corrective Action**

1. The installation direction of the fuel pump has been changed 180 degrees to prevent fuel from flowing out even if it vaporizes.
2. The installation direction of the fuel chamber has been changed so that the liquid fuel will not drain into the carburetor, but let fuel vapor flow into the chamber.
3. As the installation direction of the two above components have been changed, the length and shape of the fuel hoses have also been changed.
4. If required order the special kit using the form on page 2.



**Before replacement**



**After replacement**  
**Note: fuel chamber angle**

**Note:** Most units have been upgraded before delivery.( Please check the fuel pump position before ordering parts. If the position is the same as the diagram showing fuel chamber after rework you don't need to carry out this repair!)

**Application on production line**

This means any serial number less than the serial number below may be affected!

Model	Serial Prefix	Serial Number	FRT
BF 15 D3	BALJ	1002828	0.5
BF 20 D3	BAMJ	1002875	

**Warranty Information**

The numbers circled below refer to the numbers on the warranty claim form. When completing your warranty claim make sure the information in the following warranty claim field is the same as shown below. All other fields (boxes) must be completed as per normal.

- 13 **Fault code** – 060
- 14 **F.R.T.-** 0.5
- 19 **Main Casual Part** – 16700-ZW9-003
- 20 **QTY** - 0

**Warranty Application-** Ordinary (normal domestic and commercial warranty applies)

**Replacement parts**

Please complete the order form below and fax to 1800 789 258.

Dealer Name	Dealer Number	Frame Numbers

**BRUCE BUTT**  
**National Service Manager**

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN AND ITS CONTENTS AND SIGN BELOW.**

.....  
**SERVICE MANAGER                      PARTS MANAGER                      SALES MANAGER                      DEALER PRINCIPAL**

## Repair instruction

### Preparation before starting the repair

- Because this work involves the changing of the fuel tubes, fuel remaining in the related parts can leak. Be careful not to spill fuel on the engine, using a shop cloth to stop the fuel leaking is advised.
- Before starting work, make sure that there is no flame nearby and the engine is not hot. (Remove the terminals if a battery is equipped.)
- Be careful not to allow dust to enter the fuel system during replacement work.
- Remove the fuel connector for the fuel tank before starting any work on the fuel system.

### Fitting instructions

1-1. Remove the undercover on the rear side.

1-2. Remove the water pilot tube and carburetor drain tube from the undercover on the right side.

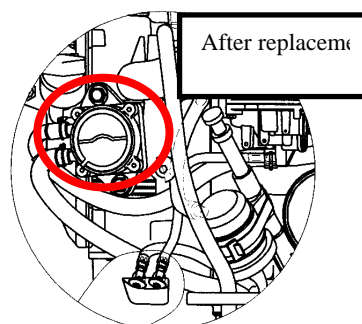
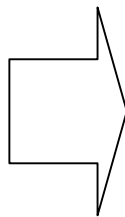
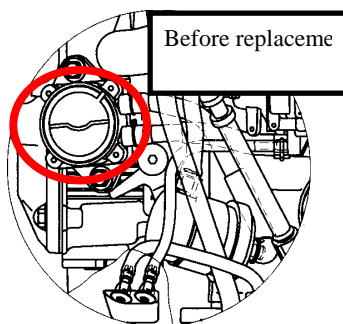
2. Remove the engine side stopper, and then remove the fuel chamber stay (not reusable).

Engine side stopper



3-1. Remove the fuel tubes B and C of the fuel pump, and remove the fuel pump from the unit.  
[Note] Replace the O-ring of the fuel pump with the supplied O-ring.

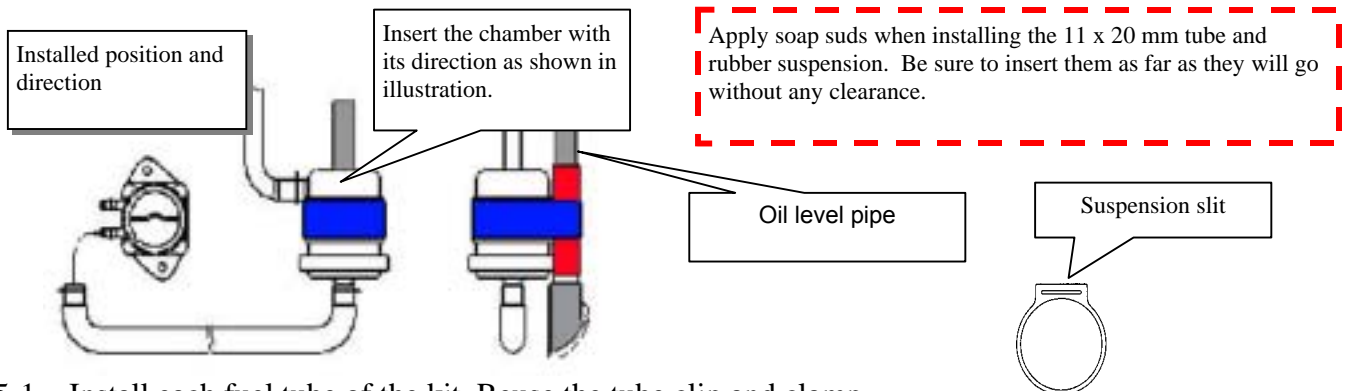
3-2. Invert the direction of the fuel pump by 180 degrees, and install it.  
Tightening torque of 6 x 22 flange bolt: 12 Nm



4-1. Pull out the oil level gauge, and insert the 11 x 20 mm tube onto the oil level pipe as far as it will go.

4-2. Insert the slit of the fuel chamber suspension of the subassembly's kit onto the oil level pipe.

4-3. Similarly insert the second 11 x 20 mm tube into the oil level pipe, and install the oil level gauge.

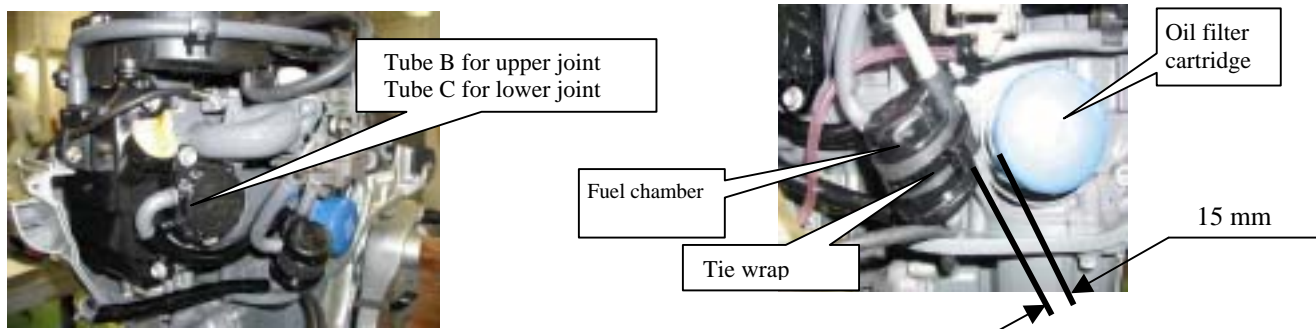


5-1. Install each fuel tube of the kit. Reuse the tube clip and clamp.

5-2. Install the fuel tube B on the joint on the upper side of the pump.

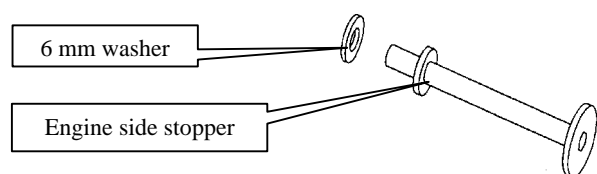
5.3 Adjust the chamber position so that clearance between the oil filter cartridge and fuel chamber will be approx 15 mm.

**Note** - 15 mm as shown in the illustration below, and then secure the chamber with a tie wrap. After securing it with the tie wrap, cut off the surplus end.

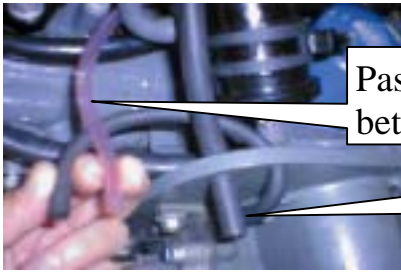


6. Mount a new 6 mm washer on the engine side stopper before installation.

Tightening torque of engine side stopper: 10 Nm



7. Installation of water check tube and carburetor drain tube



Pass the carburetor drain tube  
between the fuel tube B and fuel

Do not block the water pilot tube. (Avoid blockage by taking a large bend radius by passing the tube under the chamber.)

8. Connect the fuel connector from the fuel tank before installing the rear undercover. Check for fuel leakage from each joint of the tube by supplying fuel with the priming pump.

9. Install the undercover.

Tightening torque of 5 x 10 screw washer: 4.5 Nm

10. Check that the tube does not interfere with the undercover.

11. Reconnect the battery terminals removed for preparation work.

# Service Bulletin



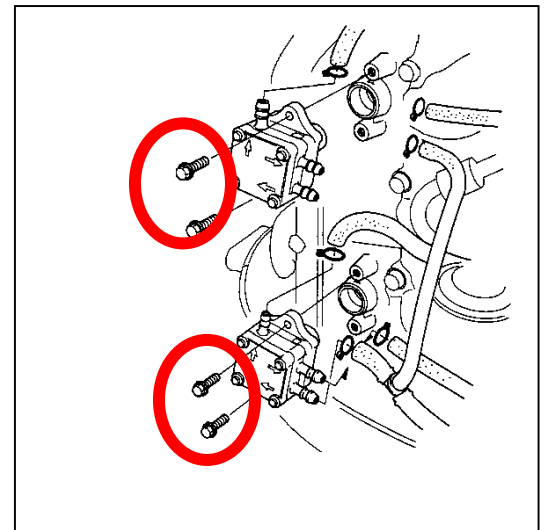
BULLETIN NO : SBMA-200201  
BULLETIN TO : MARINE DEALERS  
ATTENTION : Marine Service Department  
DATE : February 2003  
SUBJECT : BF 75/90 A2,A3 Incorrect torque of the fuel pump

## Symptom

The engine may run rough and leak engine oil due to the fuel pump coming loose.

## Corrective Action

Re-tension fuel pump bolts to **9Nm** during PDI or routine maintenance.



Fuel pump bolt torque 9 Nm

## Affected units

Model	Serial Prefix	Serial No.	FRT
BF 75 A2	BBAL	4411324 up to 4411521	0.1
BF 75 A2	BBAU	4110019 up to 4110032	0.1
BF 75 A3	BBAL	4500137 up to 4500552	0.1
BF 90 A2	BBBL	4413488 up to 4414009	0.1
BF 90 A2	BBBU	4110208 up to 4110298	0.1
Bf 90 A2	BBBL	4500084 up to 4501238	0.1
BF 90 A3	BBBU	4110299 up to 4110306	0.1

# Service Bulletin



## Warranty Information

The numbers circled below refer to the numbers on the warranty claim form. When completing your warranty claim make sure the information in the following warranty claim field is the same as shown below. All other fields (boxes) must be completed as per normal.

13 **Fault code** – 061

14 **F.R.T.-** 0.1

19 **Main Casual Part-** 96001-06020

20 **QTY** - 0

**Warranty Application-** Ordinary (normal domestic and commercial warranty applies)

**BRUCE BUTT**  
**National Service Manager**

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PARTS MANAGER

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SALES MANAGER

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DEALER PRINCIPAL

**Service Bulletin**

BULLETIN NO : SBPE200245  
 BULLETIN TO : MARINE DEALERS  
 ATTENTION : Marine Service Department  
 FROM : Service Department  
 DATE : November 2002  
 SUBJECT : BFP 10D2

Ladies and Gentlemen,

It has come to our attention that in some BFP 10D2 (Power thrust model) may have a whistling noise while being used.

**Symptom**

The customer may complain of a whistling noise when using the outboard.

**Cause**

Because of the thin edges of the propeller water bubbles are generated causing a resonating noise through the engine.

**Countermeasure**

The thickness of the edge of the propeller has been increased.

**Application on Production Line**

This means any serial number less than the serial number below may be affected!

Model	Serial Prefix	Serial No.	FRT
BFP 10D2	BABJ	1105006	0.1

**Warranty**

**Failure code-** 042    **F.R.T. -** 0.1    **Main Causal Part-** 58130-ZW9-B21    **Qty** 0

**Warranty Application-** Ordinary

**Replacement part number**

Prop 4 – Blade 10 x 6 ½ HT

58130-ZW9-B22

Qty 1

**BRUCE BUTT**

**National Service Manager**

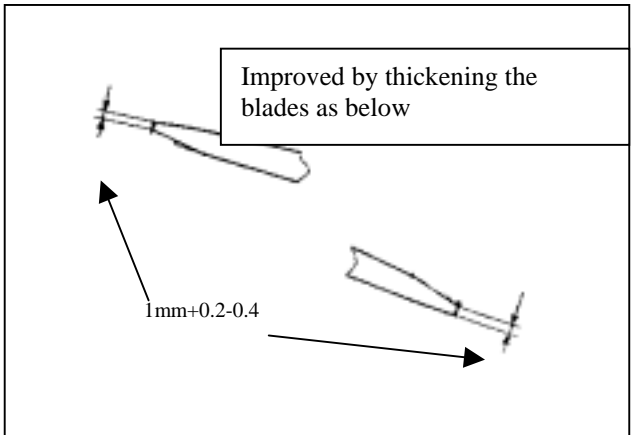
**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN AND ITS CONTENTS.**

.....  
SERVICE MANAGER

.....  
PARTS MANAGER

.....  
SALES MANAGER

.....  
DEALER PRINCIPAL





**Service Bulletin**

BULLETIN NO : SBPE200244  
BULLETIN TO : MARINE DEALERS  
ATTENTION : Marine Service Department  
FROM : Service Department  
DATE : November 2002  
SUBJECT : BF 175/200/225 shift

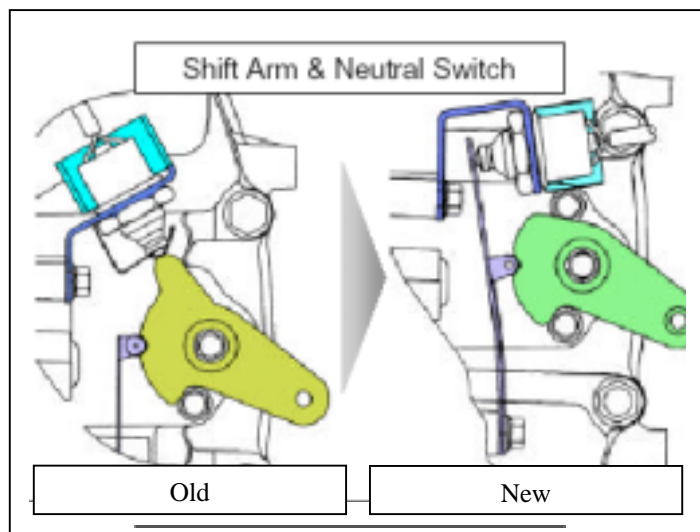
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Ladies and Gentlemen,

It has come to our attention that in some vessel set-ups the shifting force may be excessive and it is difficult to feel neutral.

**Symptom**

1. The operation generally requires plenty of force.
2. The operator cannot feel the neutral position easily.
3. When the gear position is changed from "Forward" to "Neutral" or from "Reverse" to "Neutral" the gear shift becomes difficult.

**Cause**

1. As the neutral switch plate may not be in the correct position, the neutral point is not found easily.
2. The control cables have too much lost motion and friction.
3. Some propellers can keep the dog clutch engaged firmly when the gear is shifted to the "neutral" position, because the propeller shaft speed synchronizes with the engine speed. This requires greater disengaging load.

## **Countermeasure**

1. Fit Heavy Duty Supreme shift cables.
2. Fit SOLAS Propellers.
3. Fit shift up-grade kit P/N 04401-ZY3-000. This kit includes the parts which change the shape of the neutral detent groove and re-locates the neutral switch.

## **Application on Production Line**

This means any serial number less than the serial number below may be affected!

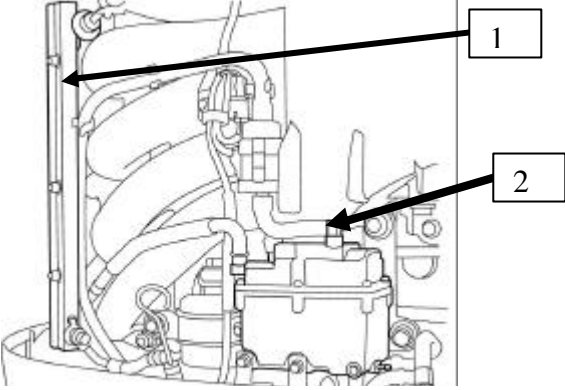
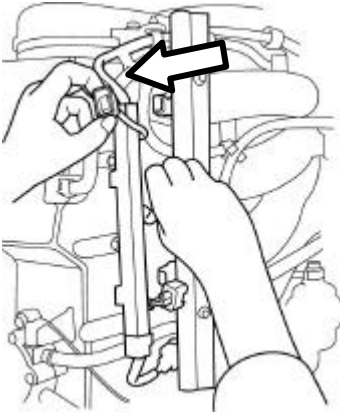
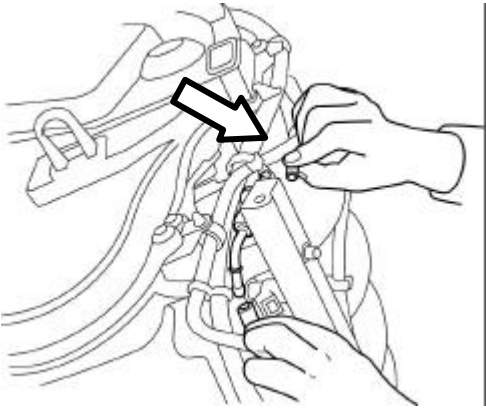
<b>Model</b>	<b>Serial Prefix</b>	<b>Serial No.</b>	<b>FRT</b>
BF 175A3 STD	BAJJ	1000078	1.3
BF 175A3 C/R	BAKJ	To be informed	1.3
BF 200A2 STD	BAEJ	1000856	1.3
BF 200A2 C/R	BAFJ	To be informed	1.3
BF 225A2 STD	BAGJ	1003023	1.3
BF 225 A2 C/R	BAHJ	1000558	1.3
BF 225 A3 STD	BAGJ	1100719	1.3
BF 225A3 C/R	BAHJ	1100341	1.3

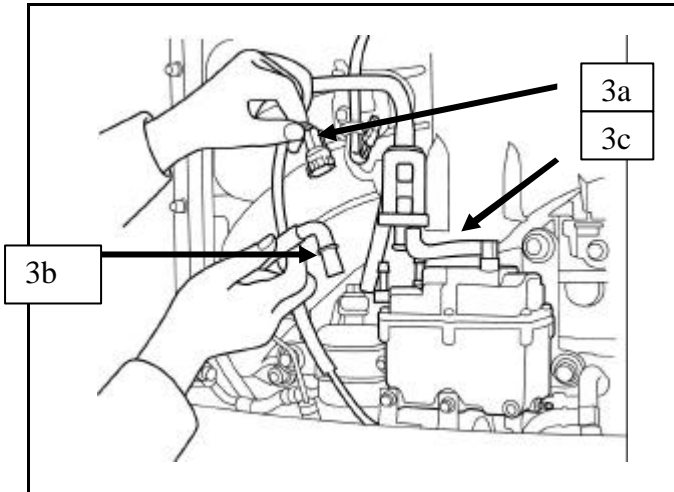
## **Warranty**

Failure code-	031
F.R.T. -	1.3
Main Causal Part-	35618-ZV5-000 (Plate) Qty 0
Warranty Application-	Ordinary



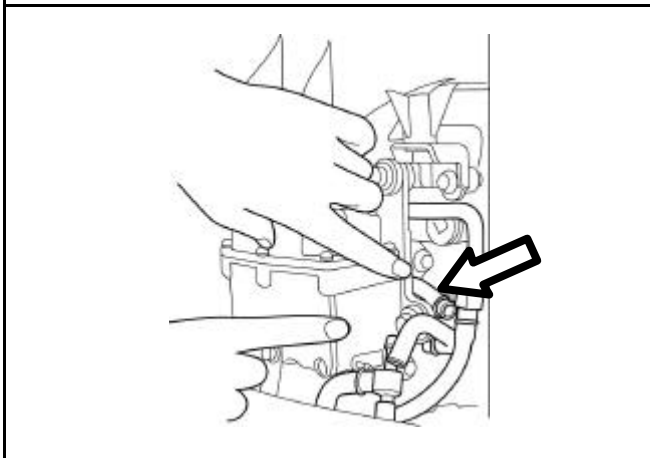
# BF 115 & 130 Vapor Separator Replacement Procedure

	<p><b>(1) Detaching the current vapour separator (VSP)</b></p> <p>The current VSP is laid out as shown in the picture on the left. When switching from the current VSP to the new one, replace the parts, 1, 2 and related parts. Before replacing them, drain the gasoline from the VSP and release the fuel pressure.</p>
	<p><b>Step 1.</b> Detach all the connector from the injectors.</p>
	<p><b>Step 2.</b> Detach the tube which runs from the pressure regulator (P/REG) to the intake manifold and the return tube which runs to the VSP.</p>



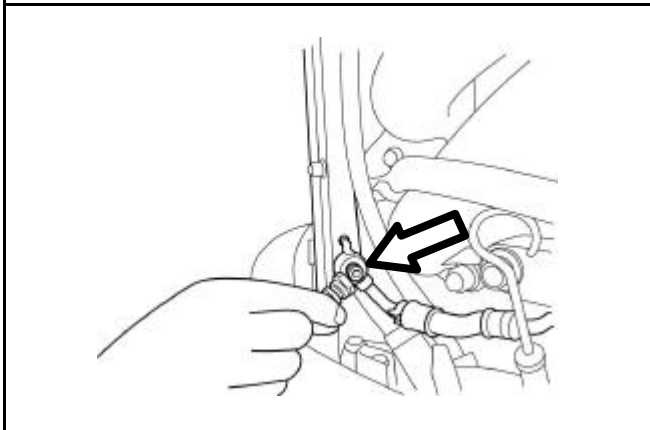
**Step 3.**

Detach the air vent tube, return tube, fuel tube, and high-pressure pump connector from the VSP (keep the detached clips for later use).



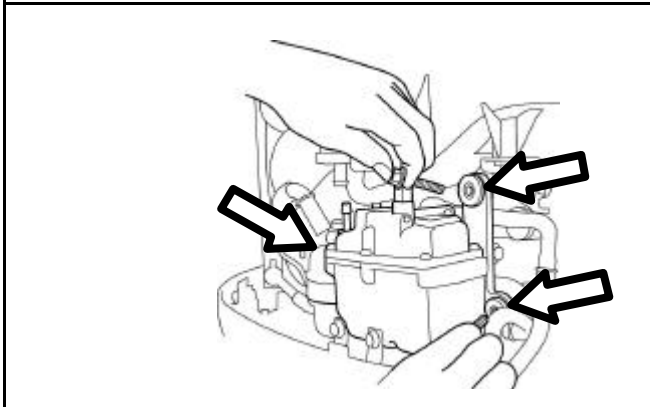
**Step 4.**

Detach the water tube.



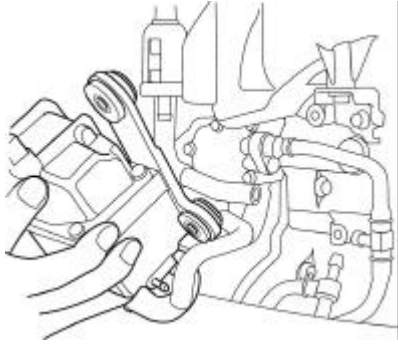
**Step 5.**

Detach the fuel hose mounting nut and then the fuel hose.

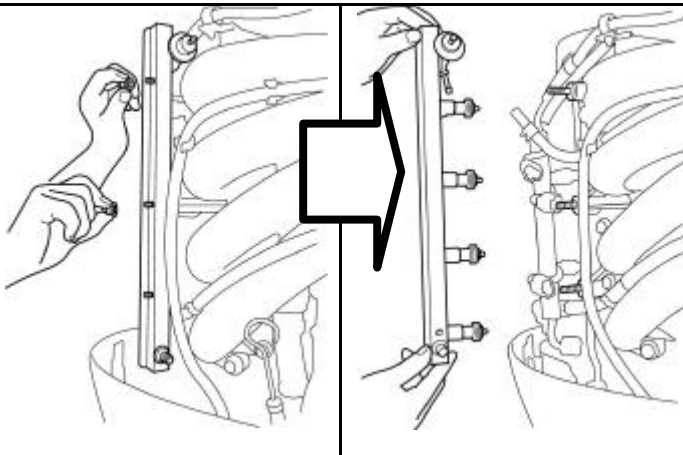


**Step 6.**

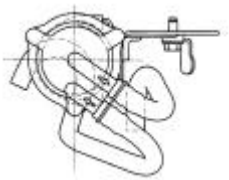
Detach the three VSP mounting bolts.




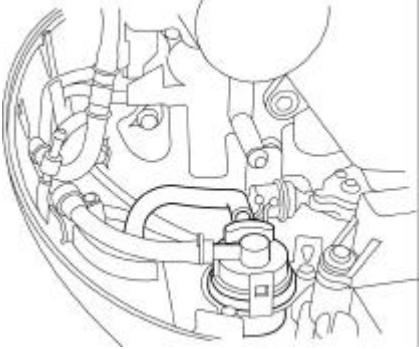
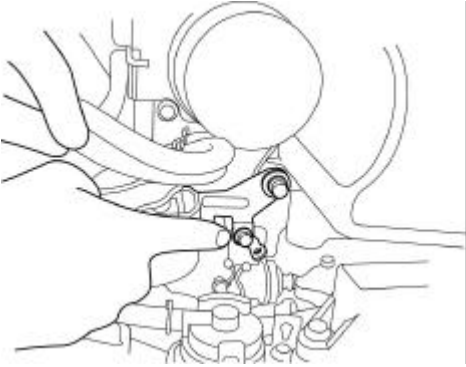
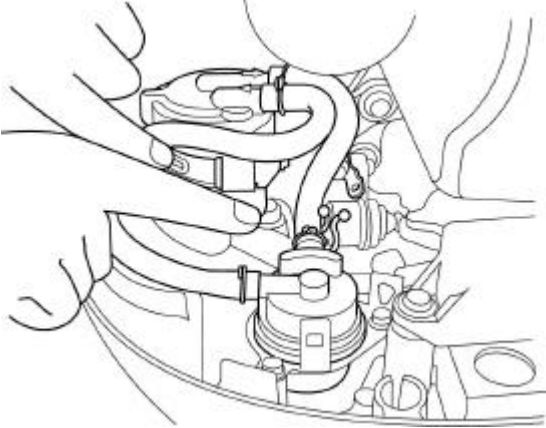
Step 7.  
Dismount the VSP body.

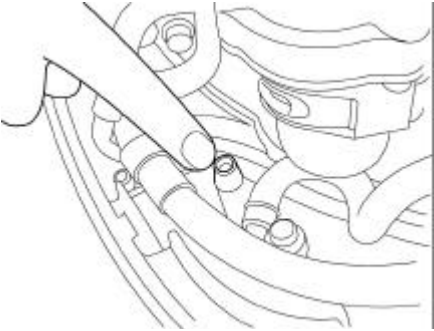
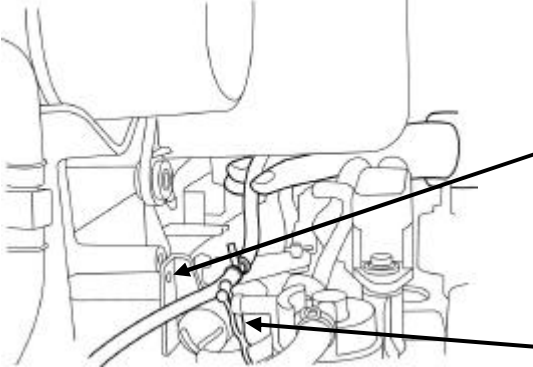


Step 8.  
Detach the fuel rail.



Step 8a  
Installation angle of the water separator

	<p><b>(2) Installation of the water separator</b></p>
	<p>To use the new VSP, add the water separator shown in the picture below to the location shown in the picture on the left.</p>
	<p><b>Step 1.</b> Attach the water separator via the stay. When doing this, fasten the lower stay mounting bolt (switching from the current "M6×12" to the new "M6×14") and the neutral switch stay together. When the upper one is fastened, the silencer is fastened, too</p>
	<p><b>Step 2.</b> Detach the tube "A" shown in the above picture on the left and install the water separator tube ("B" in the above picture) as shown in the picture below.</p> <p><b>Step 2a.</b> Drain tube clip insertion hole.</p> <p><b>Step 2b</b> Fix the neutral switch harness and tube 'B' using clips.</p>

	<p><b>Step 3.</b> Install the water separator tube “C” as shown in the picture below.</p>
	<p><b>Step 4.</b> Install the drain tube as shown in the picture below.</p>
	<p><b>Step 4a</b> The water separator is supposed to be attached at this point.</p>
	<p><b>Step 4b</b> Fix it to the water separator stay using the drain tube clip.</p>

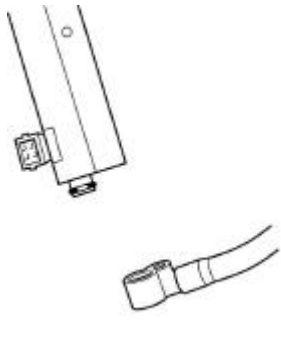


### (3) Installing the new VSP



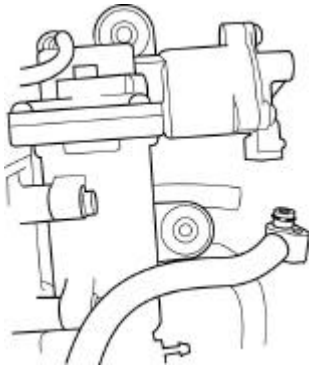
#### Step 1.

Assemble the O-rings to the right collar as shown in picture "A" on the left. Apply new oil to the O-ring.



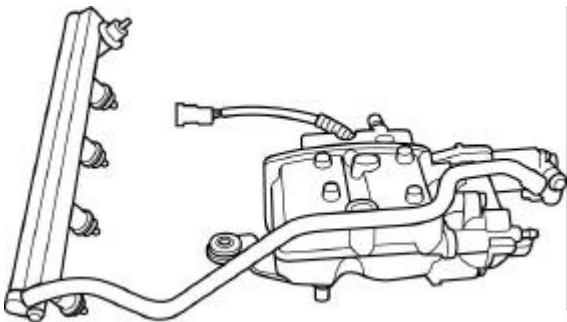
#### Step 2.

Assemble the delivery pipe, the collar "A", and the high-pressure fuel hose. Ensure that the O-rings around the collar are not broken. Torque the flange bolt (6x25) to 9.8 to 14N•m



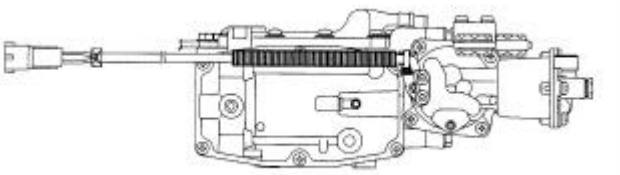
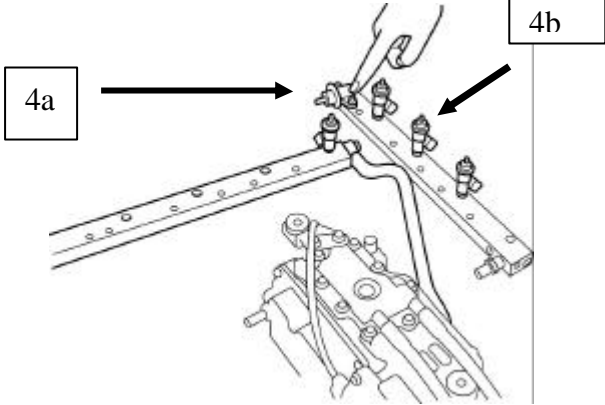
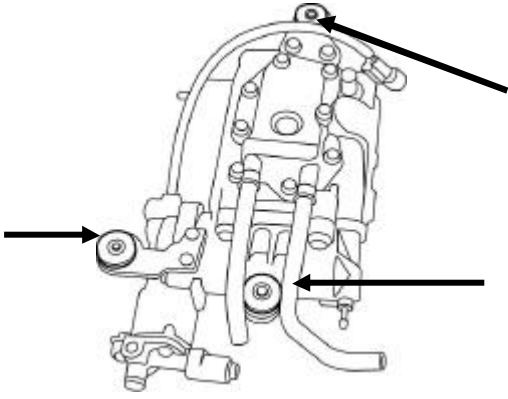
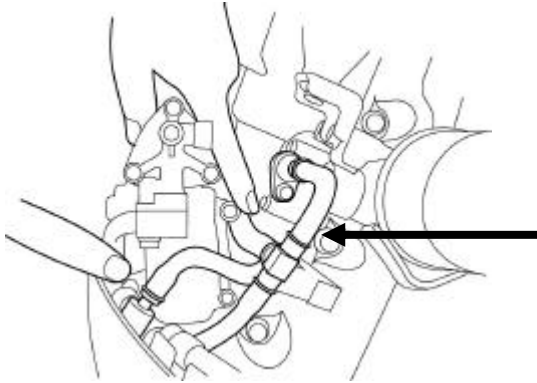
#### Step 3-1.

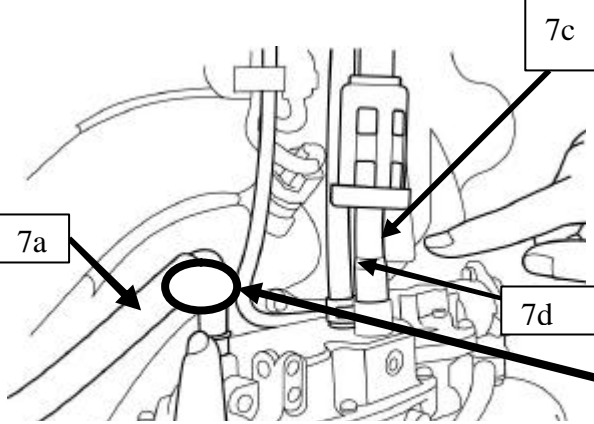
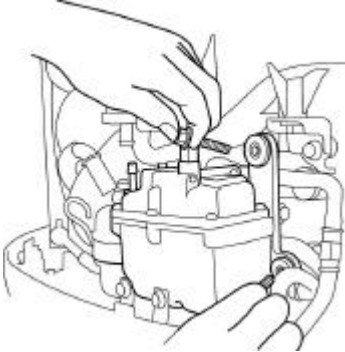
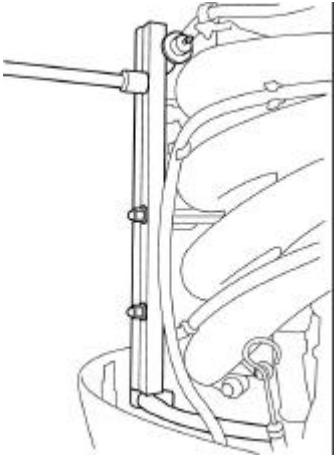
Assemble the delivery pipe, the collar "A", and the high-pressure fuel hose. Ensure that the O-rings around the collar are not broken. Torque the flange bolt (6x25) to 9.8 to 14N•m.

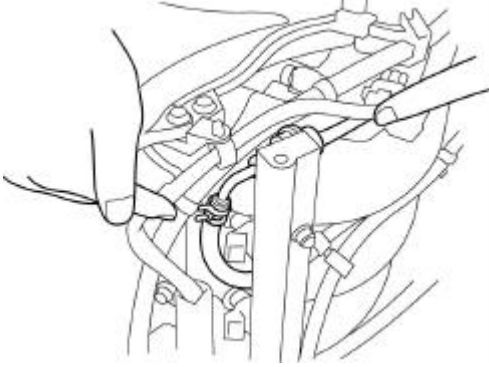


#### Step 3-2.

Put the corrugated tube (detached one) around the harness.

	<p><b>Step 3-2.</b> Put the corrugated tube (detached one) around the harness.</p>
	<p>Step 4. Detach the injector and P/REG from the current delivery pipe and fit them to the new delivery pipe. Torque the P/REG to 9.8 to 14N•m (Ensure that the O-rings for the injector and the P/REG are new ones and that new oil is applied to the O-rings.)</p>
	<p>Step 5. Detach the grommet collars from the current dismantled VSP and fit them to the new VSP.</p>
	<p>Step 6. Attach the water tube.</p> <p>Step 6a Replace this tube.</p>

	<p><b>Step 7.</b> Attach the air vent, return and fuel tubes. Attach the high-pressure pump connector, too. (Ensure that the fuel tube to be attached is the new one (which differs from the current one in length)).</p>
	<p><b>Step 7a.</b> Fuel tube</p>
	<p><b>Step 7b</b> Fix the fuel tube to the harness using the (detached) clip.</p>
	<p><b>Step 7c</b> Air vent tube</p>
	<p><b>Step7d</b> Return tube</p>
	<p><b>Step 8.</b> Fasten the VSP mounting bolts (three detached bolts) by applying 24 to 29N•m of torque</p>
	<p><b>Step 9.</b> Attach the delivery pipe by applying 9.8 to 14N•m of torque</p>

	<p><b>Step 10.</b> Attach the return tube and the tube, running from the intake manifold, to pressure regulator.</p>
	<p><b>Step 11.</b> Attach the injector connector.</p>
	<p>This completes the replacement work.</p>

# HONDA® MPE

MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862

## Service Bulletin

BULLETIN NO : SBPE200243  
BULLETIN TO : MARINE DEALERS  
ATTENTION : Marine Service Department  
FROM : Service Department  
DATE : November 2002  
SUBJECT : BF 115/130 Vapor Separator

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Ladies and Gentlemen,

It has come to our attention that some of the new vapor separator kits may be faulty.

### **Symptom**

After fitting the new vapor separator kit the engine speed may decrease and then stop.

### **Cause**

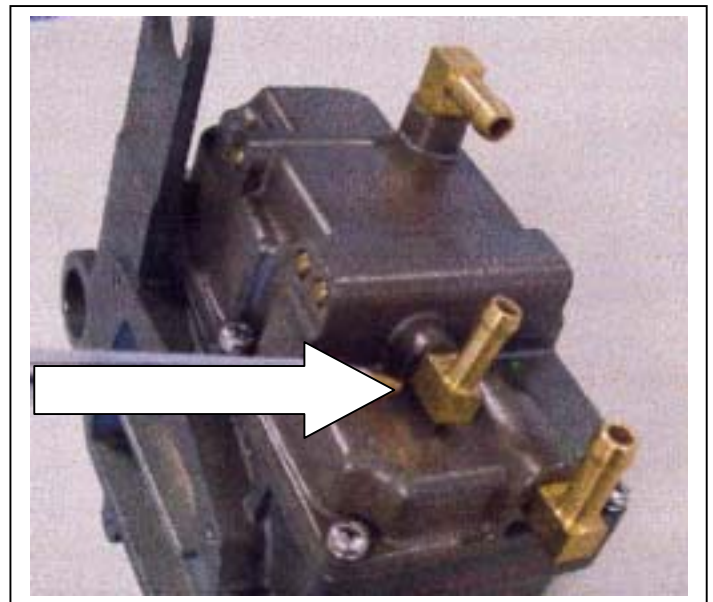
Insufficient machining of the fuel return joint.

### **Inspection**

Blow through the return joint to check for flow or check fuel pressure with workshop specifications.( Do this before installing any kits)

### **Countermeasure**

Replace the vapor separator kit.



**Affected frame No Range**

This means any serial number less than the serial number below may be affected!

<b>Model</b>	<b>Serial Prefix</b>	<b>Serial No.</b>	<b>FRT</b>
BF 115AX	BZBD	1300397	0.3
BF 115AX	BEBG	1300033	0.3
BF 130AX	BZBE	1302228	0.3
BF 130AX	BZBH	1300227	0.3

**Warranty**

Failure code- 091

F.R.T. - 0.3

Main Causal Part- 16020-ZW5-010 QTY-0

Warranty Application- Ordinary

**Replacement part number**

06167-ZW5-305 Qty 1

**BRUCE BUTT**  
**National Service Manager**

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SALES MANAGER

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DEALER PRINCIPAL

HONDA® MPE

MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862

## Service Bulletin

BULLETIN NO : SBPE200242  
BULLETIN TO : MARINE DEALERS  
ATTENTION : Marine Service Department  
FROM : Service Department  
DATE : December 2002  
SUBJECT : Propeller Damaged

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Ladies and Gentlemen,

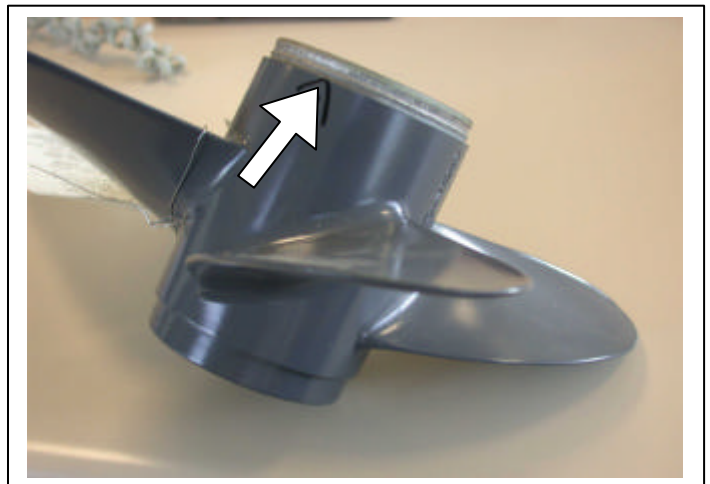
It has come to our attention that the propellers on the 8 and 10D may become damaged after a few hours of use.

### **Symptom**

The customer may notice the propeller ring is damaged after only a few hours of use.

### **Cause**

Propeller bush not pressed correctly causing propeller ring to fall off.



### **Countermeasure**

Replace the propeller.

## **Application on Production Line**

This means any serial number less than the serial number below may be affected!

<b>Model</b>	<b>Serial Prefix</b>	<b>Serial No.</b>	<b>FRT</b>
BF 8 D1	BAAJ	1102815	0.1
BF 8 D1	BAAJ	1200313	0.1
BF 10 D1	BABJ	1104851	0.1
BF 10 D1	BABJ	1200421	0.1
BF 10 D1	BALJ	1000943	0.1

## **Warranty**

Failure code- 057

F.R.T. - 0.1

Main Causal Part- S type 58130-ZW9-V11ZA (9-1/4 x 8)

L,XL type 58130-ZW9-V21ZA (9-1/4 x 9)

Warranty Application- Ordinary

## **Replacement part number**

BF 8D and 10D propeller - S type 58130-ZW9-V11ZA (9-1/4 x 8) Qty 1

- L,XL type 58130-ZW9-V21ZA (9-1/4 x 9) Qty 1

**BRUCE BUTT**

**National Service Manager**

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# HONDA® MPE

MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862

## Service Bulletin

BULLETIN NO : SBPE200241  
BULLETIN TO : MARINE DEALERS  
ATTENTION : Marine Service Department  
FROM : Service Department  
DATE : August 2002  
SUBJECT : BF 175/200/225 (water in vapor separator)

---

Ladies and Gentlemen,

Under some conditions a negative pressure can form in the vapor separator, which may cause water to be sucked through the air vent into the vapor separator. This will make the engine hard to start.

**(This modification should be carried out when the unit comes in for service!)**

### **Symptom**

Poor engine performance or the engine will not start.

### **Cause**

When the fuel cools in the vapor separator a negative pressure can form. If the vapor separator tube is under water, the water may be drawn into the vapor separator and mix with the fuel.

### **Countermeasure**

A hole with a diameter of 1.0 mm is added to the side face of the fuel tube joint which is in the middle of the air vent.

### **Applicable frame number on production line**

Model	Serial Prefix	Serial Number
BF 200 A	BAEJ	1000001-1000808
	BAFJ	1100001-1100127
BF 225 A	BAGJ	1000001-1002792
	BAHJ	1100001-1100084

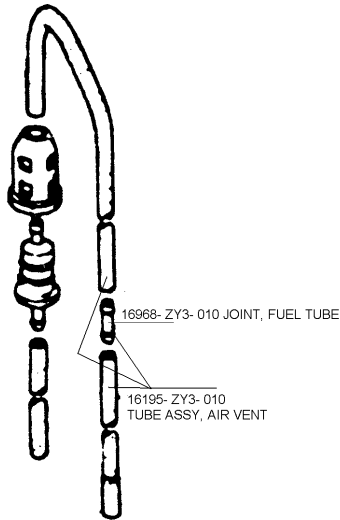
**Normal warranty applies**

Failure code 091  
F.R.T. 1.2  
Main casual part 16730-ZY3-003 QTY 1

**Replacement part number**

Tube assy, air vent 16968-ZY3-010 x 1

**Replacement procedure**



**Step 1 :** Remove the Variable air intake manifold as per the workshop manual.

**Step 2 :** Remove the intake manifold as per the workshop manual.

**Step 3 :** Remove the vapor separator tube assy and fit the joint assy.

**Step 4 :** Reassemble as per workshop manual.

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## **Service Bulletin**

BULLETIN NO : SBPE200240  
BULLETIN TO : MARINE DEALERS  
ATTENTION : Marine Service Department  
FROM : Service Department  
DATE : August 2002  
SUBJECT : BF 175/200/225 (Broken tooth on forward gear)

---

Ladies and Gentlemen,

Due to excessive free play in the thrust direction of the propeller shaft, the forward bevel gear may leave the correct position in low-load conditions. At this time the gear may run in an incorrect contact position causing the gear teeth to take a large amount of stress.

**(This modification should be carried out when the unit comes in for service!)**

### **Symptom**

The gear case may become noisy due to a broken tooth or the gear oil may be contaminated by metal particles before the maintenance schedule (100 Hours).

### **Cause**

Excessive free play in the thrust direction of the propeller shaft.

### **Countermeasure**

- The propeller thrust clearance has changed on standard rotation gear cases:  
From  $0.50 \pm 0.20$  mm =>  $0.35 \pm 0.05$  mm
- The propeller thrust clearance is the same as specified on counter rotation gear cases:  
 $0.25 \pm -0.05$ mm

### Application on production line

<b>Model</b>	<b>Serial Prefix</b>	<b>Serial No.</b>
BF 175A3 STD	BAJJ	1000060
BF 175A3 C/R	BAKJ	1000007
BF200A3 STD	BAEJ	1100266
BF200 A3 C/R	BAFJ	1100063
BF225A2 STD	BAGJ	1002969
BF225A2 C/R	BAHJ	1000550
BF225A3 STD	BAGJ	1100308
BF225A3 C/R	BAHJ	1100165

### Normal warranty applies

Failure code : 018

F.R.T : 1.5

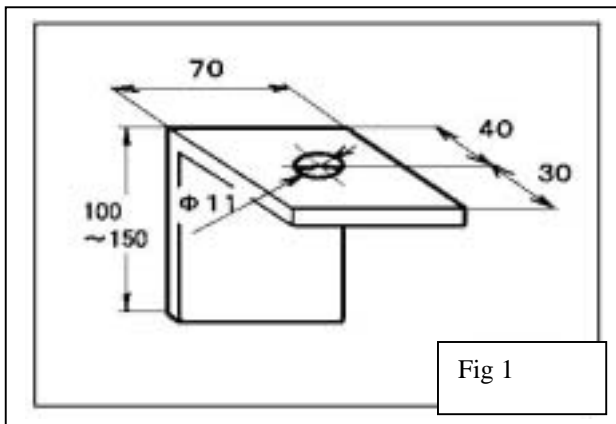
Main causal part : 41140-ZY3-000

### Replacement part numbers

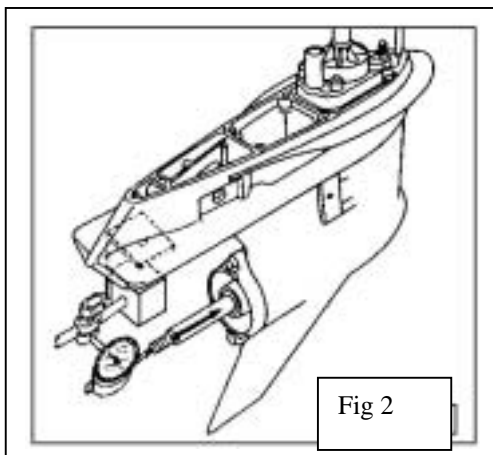
<b>Part Number</b>	<b>Part Information</b>
90548-ZW5-710	Thrust shim A (0.10mm)
90549-ZW5-710	Thrust shim B (0.15mm)
90550-ZW5-710	Thrust shim C (0.30mm)
90551_ZW5-710	Thrust shim D (0.50mm)

## How to select shims

### Inspection



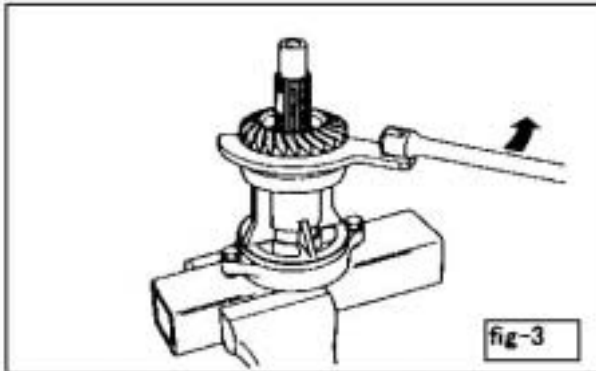
**Step 1 :** Make a jig for the magnet base as shown in fig-1. Remove the trim tab and attach the jig as shown below.



**Step 2 :** Measure the thrust clearance by pushing and pulling the propeller shaft.

Standard Rotation	$0.35 \pm 0.05$ mm
Counter rotation	$0.25 \pm 0.05$ mm

## Installation

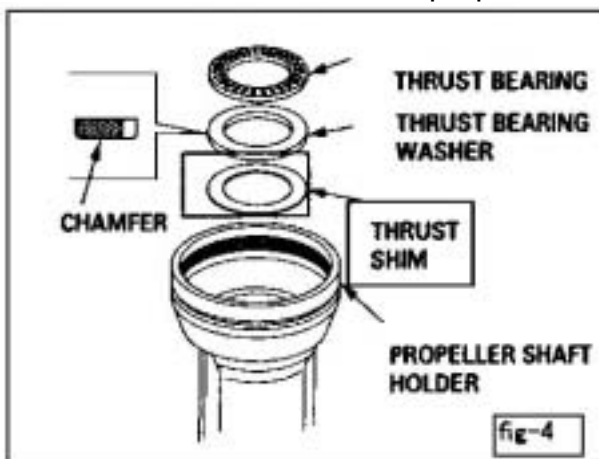


**Step 1 :** Remove propeller shaft holder as per work shop manual.

**Step 2 :** Remove the bearing holder using special tool 07WAA-S1G0100.

**Step 3 :** Install the thrust bearing shim as per the diagram below fig -4.

**Step 4 :** Reinstall the bearing holder and tighten the torque to 191 Nm (19.5 kgm).  
Then make sure the propeller shaft turns freely in neutral position.



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**Service Bulletin**

BULLETIN NO : SBPE200239  
BULLETIN TO : MARINE DEALERS  
ATTENTION : Marine Service Department  
FROM : Service Department  
DATE : August 2002  
SUBJECT : BF 115/130 Fuel pump upgrade

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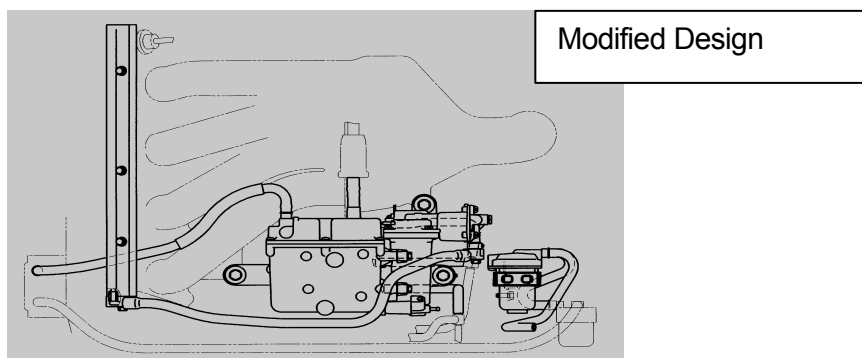
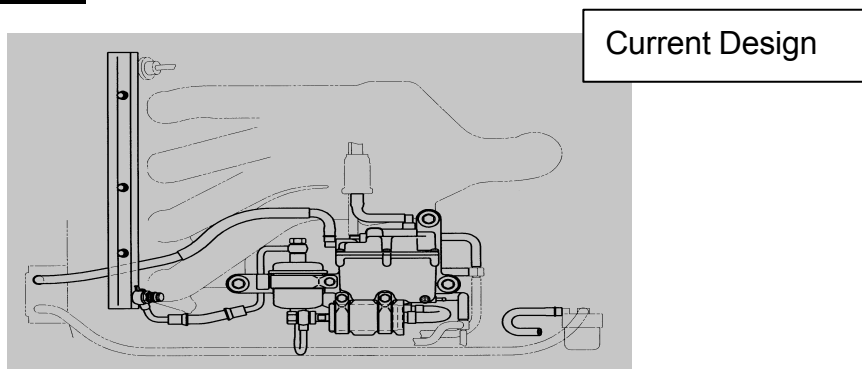
Ladies and Gentlemen,

A letter will soon be distributed to all BF 115/ 130 customers regarding the upgrade of the vapor separator and fuel pump units. This will mean the customers will be contacting you through our 1800 dealer locator number to have this up grade fitted to the engines. As soon as the customer rings could you please book them in for the repairs and order the parts kit for the up-grade through the normal parts system.

All kits will be covered by warranty even if the engines are out of the normal warranty period. To make a claim please follow the warranty instructions below.

An instruction book for the fitment of the upgrade kit is available on request to the service department. If you think you need the instructions please call straight away and we will send it to you ASAP. The contact number is 03 9270 1158 or 03 9270 1102.

**Illustration**



## **Symptom**

Engine may become difficult to start.

## **Cause**

If water enters the fuel system it can enter into the high pressure fuel pump, causing rust to develop in the metal parts, causing malfunction of the fuel pump and, eventually, a engine starting problem.

Note: Ingress of water would be from contaminated fuel tanks

## **Countermeasure**

Fit up-graded fuel system to the engine which :

1. Combines the vapor separator with the high pressure fuel pump so that intruding water may be drained easily.
2. Adding an internal water separator so that water mixed with the fuel is separated.
3. Parts applied to the fuel route are made from materials which are less susceptible to rust.

## **Affected frame No Range**

<b>Model</b>	<b>Serial Prefix</b>	<b>Serial no</b>	<b>FRT</b>
<b>BF115A</b>	<b>BZBD</b>	<b><u>100001 to</u> <b>1300689</b></b>	<b>1.5</b>
<b>BF115A</b>	<b><u>BZBG</u></b>	<b><u>100001 to</u> <b>1300034</b></b>	<b>1.5</b>
<b>BF130A</b>	<b><u>BZBE</u></b>	<b><u>100001 to</u> <b>1302747</b></b>	<b>1.5</b>
<b>BF130A</b>	<b>BZBH</b>	<b><u>100001 to</u> <b>1300362</b></b>	<b>1.5</b>



**Warranty**

Failure code	7A7	
F.R.T.	1.5	
Main Causal Part	16735-ZW5-024	Qty 0

**Replacement part number**

Vapor separator kit	06167-ZW5-305	Qty 1
---------------------	---------------	-------

**Replacement procedure**

As per instructions available through service department.

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## Service Bulletin

BULLETIN NO : SBPE200238  
BULLETIN TO : MARINE DEALERS  
ATTENTION : Marine Service Department  
FROM : Service Department  
DATE : August 2002  
SUBJECT : BF 40/50 A2

---

Ladies and Gentlemen,

The new BF 40/50 A2 model no longer has a throttle position switch in the control box. This means that there is no longer a shallow water drive alarm, which was the alarm that went off if more than 30% of throttle was used and the engine is tilted up.

If you have any customers that are up dating their current BF 40 or 50 please point out that this feature has been removed. The owner's manual has already been changed for this new model.

If you wish to fit the current control boxes you will find that the fourth wire for the trim gauge will not have a wire connection for it. This means when setting up any BF 40A2 or 50A2 please mark the frame number on the control and accessories boxes. This will avoid any confusion with the new and old parts.

At this point in time only the genuine trim gauges can be used on these units because the trim control unit is no longer on the engine, it is incorporated into the gauge. The R & D department are working on a kit to fit to the engine so that the old style or after market gauges can be fitted. We will let you know the part number and price as soon and they are available.

\* The new style control box starts from the frame numbers below.

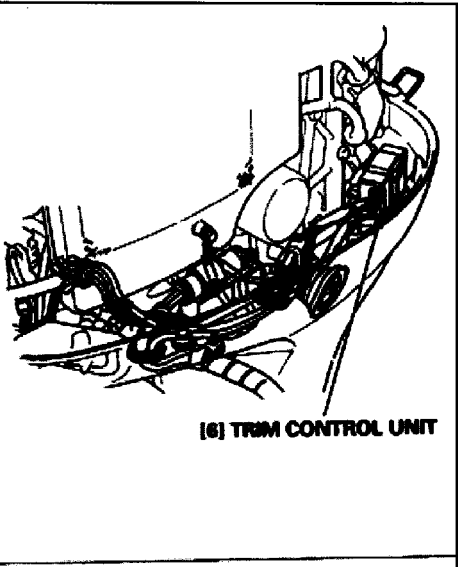
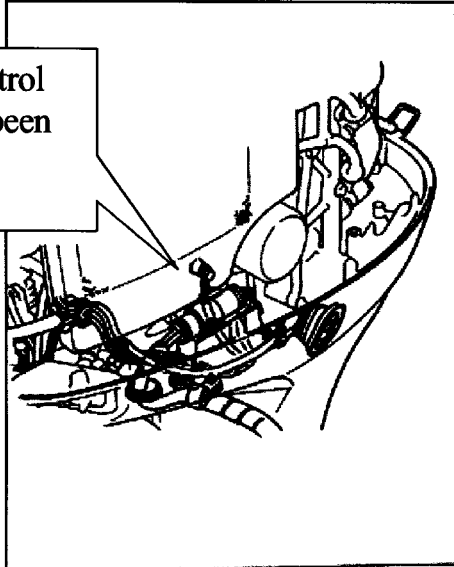
BF 40 A2	BAYL-3221532 and subsequent
	BAYL-3100445 and subsequent
BF 50 A2	BAZS-3222752 and subsequent
	BAZL-3100576 and subsequent
	BAZU-3100088 and subsequent

Outline of changes

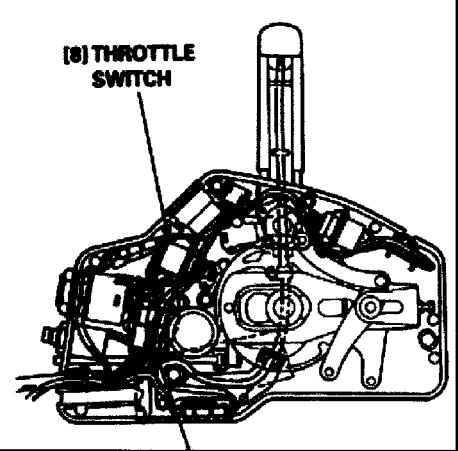
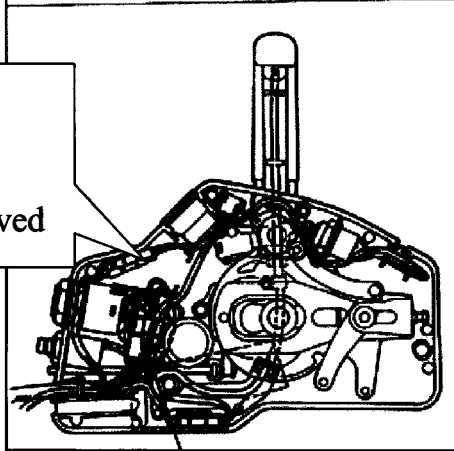
New

Old

Trim control unit has been removed



Throttle position Switch has been removed



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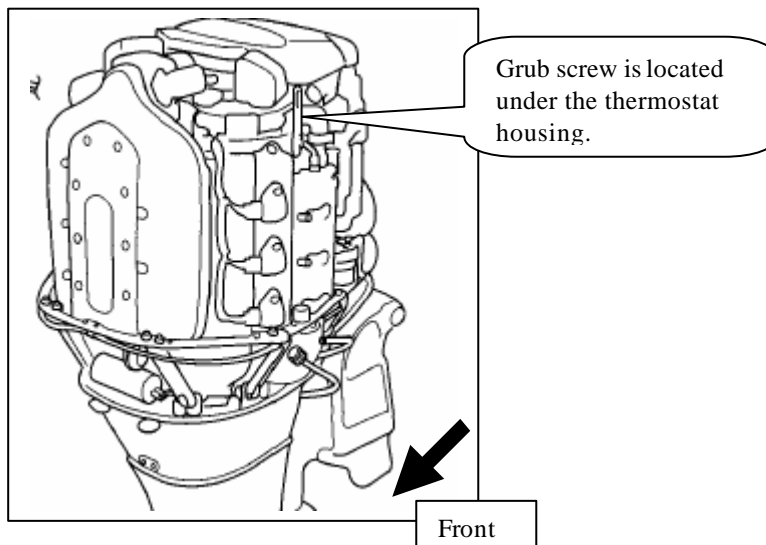
BULLETIN NO : SBPE200237  
BULLETIN TO : MARINE DEALERS  
ATTENTION : Marine Service Department  
FROM : Service Department  
DATE : August 2002  
SUBJECT : Water pressure gauge fit up connector

---

Ladies and Gentlemen,

It has come to our attention that some dealers are finding it hard to find a pick up point for a water pressure gauge.

The 175/200/225 outboard engines are fitted with a grub screw that can be easily removed and a fitting screwed into it to fit up the gauge. The grub screw can be found under the starboard side thermostat housing.



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## Service Bulletin

BULLETIN NO : SBPE200236-A  
BULLETIN TO : MARINE DEALERS  
ATTENTION : Marine Service Department  
FROM : Service Department  
DATE : August 2002  
SUBJECT : Service check connector

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Ladies and Gentlemen,

The 175/200/225 service coupler is now in stock Part number 070PZ-ZY30100.  
We suggest all dealers carry one of these as they are an important service tool.

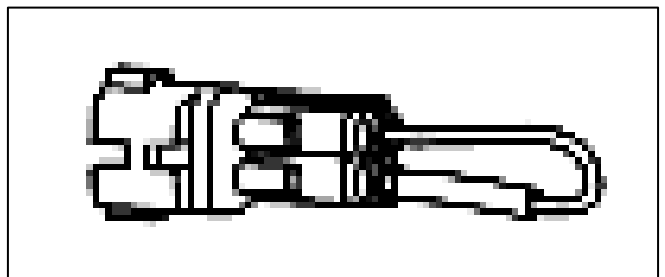
The 115/130 service couplers are also in stock Part Number 07WPZ-0010100  
also a very handy service tool.

### BF 175/200/225

Service coupler (4 pin type)  
070PZ-ZY30100

### BF 115/130

Service coupler (2 pin type)  
07WPZ-0010100



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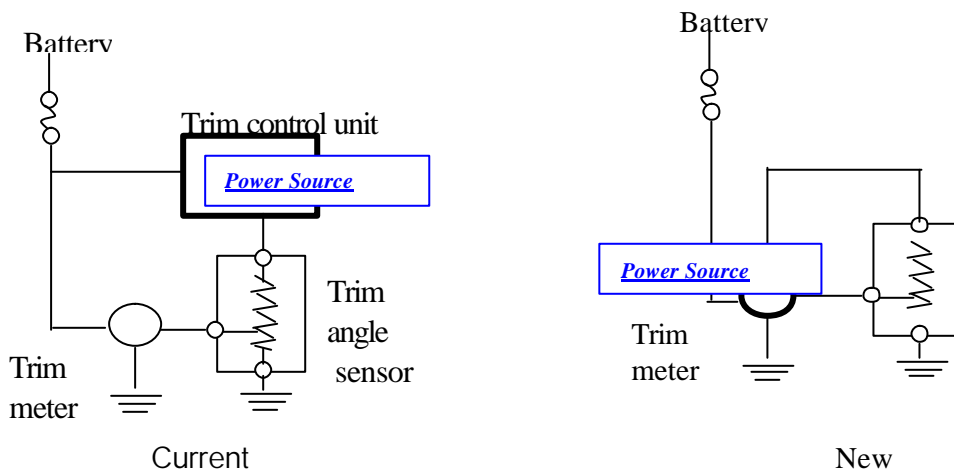
BULLETIN NO : SBMA200233  
BULLETIN TO : Marine Dealers  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : June 2002  
SUBJECT : BF 40/ 50 A2

Ladies and Gentlemen,

The new BF 40/50 A2 has some major accessories changes. The trim control unit has now been eliminated and the warning function has been removed. This means that the alarm will no longer be activated when the engine is tilted up too far.

This also means that the throttle sensor switch has been removed and a 5 Volt output line added to power the meter.

**The changes are shown below**



## Control Box



### New

24800-ZW1-020	Box, Remote control ( Tilt and trim switch)
24800-ZV5-020	Box, Remote control ( no Tilt and trim switch)

## Trim meter



### New

37260-ZW4-821	Meter Assy, trim
---------------	------------------

Note : The old trim gauges will not work with this engine!

**Meter harness**



**New**

32540-ZV5-901	Harness assy, meter
---------------	---------------------

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**Service Bulletin**

BULLETIN NO : SBMA200232  
BULLETIN TO : Marine Dealers  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : June 2002  
SUBJECT : BF 8D/10D

---

Ladies and Gentlemen,

It has come to our attention that some BF8/10D friction throttle grips may not work.

**Symptom:**

The customer cannot adjust the friction of the throttle. (tiller handle type only)

**Cause**

The threads in the friction block were incorrectly cut.

**Countermeasure**

Replace friction lock with new parts as per workshop manual.



Current (4 holes)



New (8 holes)

**Warranty Application**

**Normal warranty applies**

Failure code 061

F.R.T. 0.1

Main casual part 53133-ZW9-000 QTY: 1

**Replacement part number**

Block, Throttle friction 53134-ZW9-000 QTY: 1

**Applicable frame number on production line**

Model	Serial Prefix	Serial No.	FRT
BF8	BAAJ	1200023	0.1
BF8	BAAJ	1102530	0.1
BF10	BADJ	1100033	0.1

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**Service Bulletin**

BULLETIN NO : SBMA200230  
BULLETIN TO : Marine Dealers  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : June 2002  
SUBJECT : BF 75/90/115/130 Gear Oil Emulsified

---

Ladies and Gentlemen,

It has come to our attention that some gear cases may be found to have water entering through the top water seal.

**Symptom:**

The gear oil may be emulsified with water when checking or changing the gear oil.

**Cause**

Under normal conditions, the internal pressure will increase when the engine is operating due to friction and heat generated by rotation. However, when engine speed drops or the temperature of gear oil decreases, negative pressure develops in the case causing water to enter through the water pump seals.

**Countermeasure**

To prevent water entry fit the improved water pump housing and water seal. Change gear oil and refill with 0.95 lt of oil.



Water pump housing



Water seals

**Warranty Application**

**Normal warranty applies**

Failure code 060  
F.R.T. 1.0  
Main casual part 19241-ZW1-B00 QTY: 1

**Replacement part number**

Housing water pump 19241-ZW1-B01 QTY: 1  
Seal, water, 23x36x6 91251-ZW1-B04 QTY: 2  
Gasket 19242-ZW1-B00 QTY: 1  
Gasket 19234-ZW1-B00 QTY: 1

**Applicable frame number on production line**

BF75A1	BBAL-4400001-
	BBAL-4300001-
	BBAU-4100001-
BF75AV	BBAL-2001132-
BF75AX	BBAL-4002115-
	BBAU-4000061-
BF90A1	BBBL-4300001-
	BBBL-4400001-
	BBBU-4100001-
BF90AV	BBBL-2002543-
BF90AX	BBBL-4004683-
	BBBU-4000479-
BF115A1	BZBD-1200001-
BF115AX	BZBD-1002047-
	BZBG-1000211-
BF130A1	BZBE-1200001-
BF130AX	BZBE-1007624-
	BZBH-101043-

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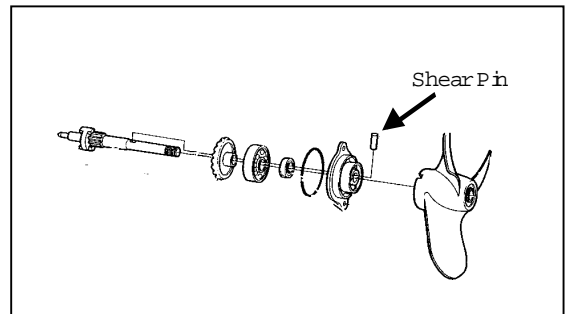
MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862

## Service Bulletin

BULLETIN NO : SBMA200228-A  
BULLETIN TO : Marine Dealers  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : September 2002  
SUBJECT : BF 5A Propeller shaft shear pins

It has come to our attention that the shear pin in the BF5A propeller shaft can break when shifting from reverse to forward. The cause of this is insufficient strength of the material when hard shifting is encountered.

A new stainless steel shear pin with improved strength has made and is now available.



### Application on production Line

Model	Serial Prefix	From Serial Number
BF5AX	BADL	1700049
BF5AX	BADS	1701110

### Normal warranty applies

Failure code 018  
F.R.T. 0.2  
Main casual part 58131-ZV1-000 QTY: 1  
Replacement part number ~~53131-ZV1-010~~ QTY: 1  
Corrected number 58131-ZV1-010 QTY: 1

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## Service Bulletin

BULLETIN NO : SBMA200224  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : March 2001  
SUBJECT : E-mail addresses

---

Ladies and Gentlemen,

In order to give you better service and help avoid phone queues, we would like to make available our Marine service department's E-mail address. E-mail is quick and easy form of communication that can speed up your day by allowing non critical information to be relayed while doing other work.

These addresses should be used for technical information and are for **Dealer use only** and are not to be given out to our customers. If we do receive an E-mail from a customer it will be forward to the dealer in that area.

Tony Shaw - Marine Technical Training - [tshaw@hondampe.com.au](mailto:tshaw@hondampe.com.au)  
Outboard technical queries

Darryl Hall - Marine Sales Engineer – [dhall@hondampe.com.au](mailto:dhall@hondampe.com.au)  
Boat set up & accessories

Bruce Butt - National Service Manager - [bbutt@hondampe.com.au](mailto:bbutt@hondampe.com.au)

I strongly encourage you to use e-mail, as it is a very useful tool that can save time and therefore money.

### **Note :**

The Marine workshop manual CD version 3 has been released. **You now have all the information required to correctly service the Honda product. At your fingertips.**

BRUCE BUTT  
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## Information Bulletin

BULLETIN NO : SBMA200220  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND ALL RELEVANT STAFF  
FROM : Sales Department  
DATE : March  
SUBJECT : BF200/225 Fuel and EPA standards

---

Ladies and Gentlemen,

It has come to our attention that some articles in the press are stating that the new Honda BF200/225 run only on Premium Unleaded petrol. We can assure you that this is not the case, the 200/225 runs on “ **Automotive gasoline with a Research Octane Number of 91 or higher (a Pump Octane Number of 86 or higher)**”. This in simple terms means standard unleaded petrol.

Also I just wanted to clarify that all the **Honda’s entire marine engine line- up already meets the standards for 2006 Environmental Protection Agency (EPA) standard and the BF8D,10D,75,90,115,130,200 and 225 also meet the 2008 Californian Air Resources Board (CARB) standard.**

The new BF200/225 have met the requirements for the CARB **emission (3 stars- 2008 ultra low emissions rating)**. Honda’s philosophy when designing new products for the worldwide market is to surpass any kind of regulation set to protect the environment. As you can see the new BF 200/225 has set the benchmark by reaching this rating.

Bruce Butt  
**National Service Manager**

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## **Information Bulletin**

BULLETIN NO : SBMA200218  
BULLETIN TO : Marine Dealers  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : March 2002  
SUBJECT : VDO TACO

---

Ladies and gentlemen,

It has come to our attention that the instructions in the VDO tachometer are very confusing. So to make the purchase a joy not a pain, we have given some simple instructions below.

### **Tachourmeter Function Mode**

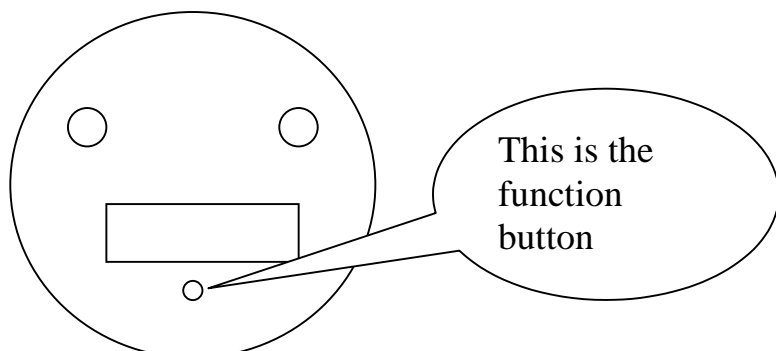
There are 4 possible functions :- Select, Pulse, Adjust and A

When using these tacos on Honda outboard engines you only need to the "PULSE" setting.

#### **Step 1**

Push the button on the back of the instrument and hold, then switch the ignition ON. The display alternates between "SELEct", "PULSE", and "ADJUST". A function is selected by releasing the pushbutton at the corresponding display.

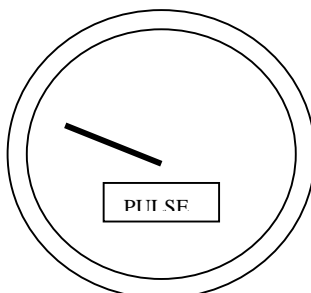
Looking at the back





## Step 2

Release the button when the “PULSE” is shown on the LED screen.



## STEP 3

After about 3 seconds. Start entering the known pulse number per revolution.

Model	Number of pulses
BF 20 to the BF225	2 per revolution

The flashing digit is changed by pushing the button. Wait and the computer will change digits.

Eg. 000.00 Enter 002.00

After the number of pulses is entered wait until the display changes to operating hours counter mode.

## Step 4

Check the adjustment against a shop TACO and if the reading is out use the fine “ADJUST” mode.

**If it is correct stop here.**

## Step 5

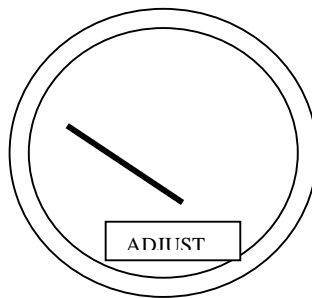
### Function “Adjust”

Push the button on the back of the instrument and hold, then switch the ignition ON. The display alternates between “SELEct”, “PULSE”, and “ADJUST”.

A function is selected by releasing the pushbutton at the corresponding display.

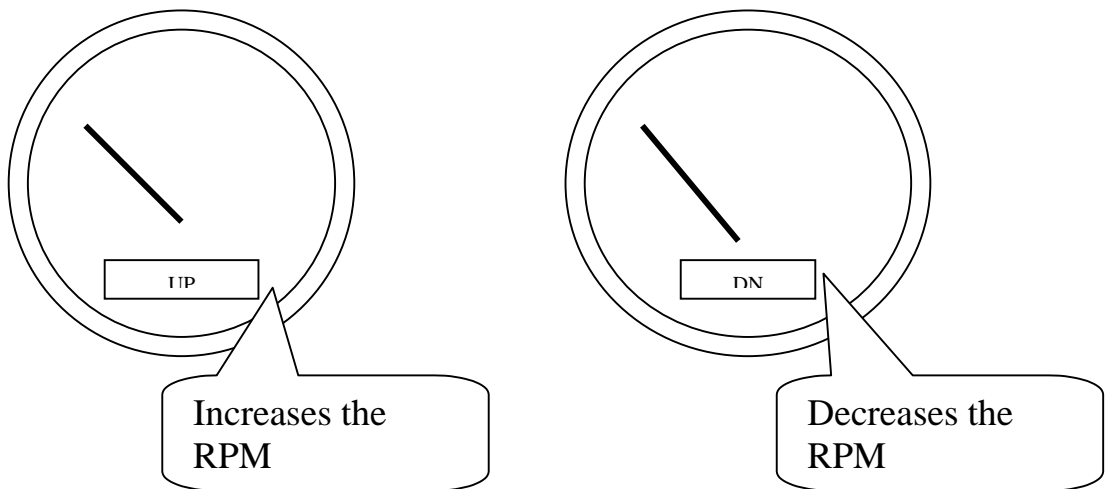
## Step 6

Release the button when the “ADJUST” is shown on the LED screen.



Step 7

Use a reference tachometer (hand-held tachometer) to compare the speed indication. "Adjust" alternately displays 'UP' or 'DN'. Holding down the button with 'UP' display, will increase the TACO reading. Holding down the button with the 'DN' display reduces the TACO reading. The display changes back to hours count when the fine adjustment is completed.



Bruce Butt  
**National Service Manager**

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**Service Bulletin**

BULLETIN NO : SBMA200217  
BULLETIN TO : WA,NT and QLD MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND RELEVANT STAFF  
FROM : Service Department  
DATE : March 2002  
SUBJECT : BF 20 to 130 Mount frame Gaskets

---

Ladies and Gentlemen,

It has come to our attention that in some rare cases the engine may overheat while being driven at a constant speed. This may be due to sediment building up inside the engine blocking the coolant passages in the mount case leading to overheating. This is more likely to occur in areas with high calcium content in the water.

This bulletin only applies to QLD, NT and WA

The models that could be affected are the BF 20 through to the BF130. If you think you have an engine suffering from these symptoms, **you must contact the service department for pre approval.**

**Symptom:**

The engine may overheat under normal operating conditions while being driven at a constant speed. The engine tell tail may also constantly block.

**Cause:**

The diameter of the coolant supply passage in the mount frame gasket is not adequate to pass large particles through it.

**Countermeasure:**

To prevent the coolant from stagnating, the diameter of the coolant supply passage was expanded. This allows larger particles to pass through the coolant system. This will mean the engine block will need to be removed to fit the new mount case gasket.

**Warranty Application:**

***New outboard warranty applies only!***

Main Causal Part:

<b>23162-ZV7-010(BF20/25/30)</b>	<b>23172-ZW1-013(BF75/90)</b>
<b>23162-ZV5-024(BF40/50)</b>	<b>23172-ZW5-013(BF115/130)</b>

Fault code : 091

FRT :

BF 20 to 50	3.1
BF 75 to 90	4.3
BF115 to130	4.5

<b>Service Parts Information</b>	
<b>Part Number</b>	<b>Parts Description</b>
23162-ZV7-010	GSKT,Eng under case(20/25/30)
23162-ZV5-024	GSKT, Primary Gear case(40/50)
23172-ZW1-013	GSKT. Mount case(75/90)
23172-ZW5-003	GSKT. Mount case(115/130)

**Note :** Packing pan gasket will also need to be changed !

**Application on Production Line**

Model name		Model Code	F/number	FRT
BF 20	AX	BAHL	2000291	3.1
		BAHS	2000175	
BF25	A	BAJU	1000346	
	AX	BAJL	3002435	
		BAJS	3001174	
	A1	BAJS	3211238	
BF30	AX	BAWL	3003397	
		BAWS	3001366	
	A1	BAWS	3210813	
BF40	A	BAYL	1010143	
	AX	BAYL	3007510	
		BAYS	3000344	
	A1	BAYS	3211651	
BF50	A	BAZL	1020467	
		BAZT	1000662	
		BAZU	1001651	
	AX	BAZL	3015321	
		BAZS	3000463	
	A1	BAZS	3213172	
BF75	AX	BBAL	4002449	
		BBAU	4000066	
	A1	BBAL	4300052	
		BBAL	4401245	
		BBAU	4100012	
BF90	AX	BBBL	4005408	
		BBBU	4000833	
	A1	BBBL	4300078	
		BBBL	4403037	
		BBBU	4100135	
BF115	AX	BZBD	1002164	4.5
		BZBG	1000214	
	A1	BZBD	1200479	
		BZBG	1200034	
BF130	AX	BZBE	1008888	
		BZBH	1001125	
	A1	BZBE	1202027	
		BZBH	1200291	

BRUCE BUTT  
National Service Manager

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**Service Bulletin**

BULLETIN NO : SBMA200216

BULLETIN TO : Marine Dealers

ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF

FROM : Marine Service Department

DATE : March 2002

SUBJECT : BF 200/225A1

Ladies and Gentlemen,

With the arrival of the new 200/225A1 outboard engine comes the question of what parts should you carry in stock?

The new marine technical information CD has the 200/225 workshop manuals in it and service specifications.

Spare parts are no longer on the service CD. The parts department will advise you when the new Parts CD will be dispatched.

Below is a list of the fast moving parts that should be carried for the service of these new engines.

QTY	Part number	Description
1	15631-ZW1-000ZA (same as BF130)	Oil filter
1	16911-ZY3-000	Strainer, Fuel (high pressure)
1	16078-ZY3-000	O-ring (high pressure)
1	90430-PD6-003	Washer, sealing (high pressure bleed)
1	16911-ZY3-003	Strainer, fuel (Low pressure)
1	16918-ZY3-003	O-ring (Low pressure)
1	16818-ZY3-003	O-ring (water separator)
2	12312-ZY3-000	Rocker cover gaskets
6	31916-ZY3-003	Spark plugs
1	91356-ZY3-003	O-ring, water pump
1	19210-ZY3-003	Water pump impeller
1	90752-ZY3-003	Key, woodruff for impeller
1	38201-ZY3-003	Fuse (150A)
1	98200-41000	Fuse mini (10A)
1	98200-45100	Fuse mini (15A)
1	98200-43000	Fuse mini (30A)

Note : BF 200/225 does not currently come with a control box or taco.

BRUCE BUTT

National Service Manager

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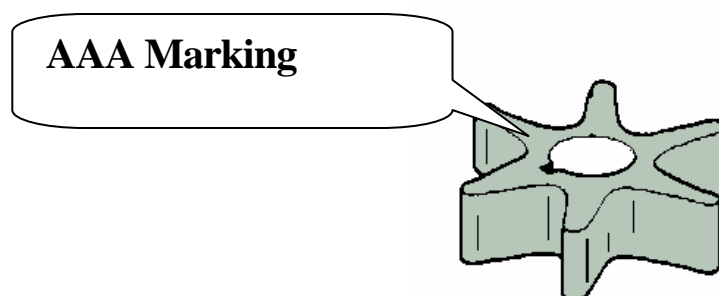
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**Service Bulletin**

BULLETIN NO : SBMA200215  
 BULLETIN TO : Marine Dealers  
 ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
 FROM : Marine Service Department  
 DATE : March 2002  
 SUBJECT : BF 75A/90A/115A/130A water pump impeller failure

It has come to our attention that the center-bush in the water pump impeller fitted to the BF75AX through to the BF130AX may have a weak spot, and may break. A new improved impeller has been designed and is available through spare parts through the normal ordering procedure it is identified by a marking of “**AAA**”.

All new stock from Japan will have the new impeller fitted as standard as the chart below shows.

Model Name	Model code	Serial Number	FRT
BF75 A2	BBAL	4410769	<b>0.9</b>
	BBAU	4110007	
BF90 A2	BBBL	4412476	
	BBBU	4110064	
BF115 AX	BZBD	Pending	
	BZBG	Pending	
BF115A2	BZBD	1300344	
	BZBG	1300026	
BF130AX	BZBE	Pending	
	BZBH	1001149	
BF130A2	BZBE	1301944	
	BZBH	1300180	





**Normal warranty applies**

Failure code                    018  
F.R.T.                            0.9  
Main casual part                19210-ZW1-B04    **QTY: 1**

BRUCE BUTT  
National Service Manager

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## Information Bulletin

BULLETIN NO : SBMA200214  
BULLETIN TO : Marine Dealers  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : 2002  
SUBJECT : New Marine Workshop Manual CD

---

Ladies and Gentlemen:

Enclosed is the updated version of the Marine Workshop Manual CD (version 3) which covers all model from the BF2 to the new 200/225.

This CD replaces the existing marine workshop manual CD (version2), which will no longer function from the 31\12\2001. It provides all technical information required to service and repair Honda's range of engines, including the engines that have been introduced since version 2 was released.

This CD is stand-alone and has all the software required to operate it on the CD. **Your CD's serial number on the back of the cover is the activation code.** This will only be required the first time you use the CD.

As a Honda marine dealer any product may come through your workshop door at any time, so it is handy to have the information to repair them at your fingertips. This time saving tool saves you money, as the books it covers would cost over \$1,500.

This new CD also has all the **current service bulletins**, which are protected by a password. This password is to keep dealer-only information confidential.

**Pass Word for Service Bulletins:**

5434

1158

Another feature of this CD is the link to a WEB site. We will use this for any up dated information in the future.

BRUCE BUTT  
National Service Manager

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## Service Bulletin

BULLETIN NO : SBMA200213  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND ALL RELEVANT STAFF  
FROM : Sales Department  
DATE : January 30 2002  
SUBJECT : BF200/225 Packaging

Ladies and Gentlemen,

Honda Marine is pleased to announce the arrival of the new BF200/225 outboard engines into Australia. To assist with quoting fitment of these engines, we have outlined here what comes standard with the engine.

- Engine and cowl
- Fuel line and primer bulb
- Mounting hardware package
- PGM-FI warning system (incl harness).
- Operators handbook and basic tool kit

**Please note the engine does not include the following due to the varied applications.**

- Control box or associated wiring harness
- Propeller
- Gauges and harness

For general engine fitment applications Honda recommend the use of STD remote control (part number 24800 ZW5 620), this control includes 16.5'(5mt) wiring harness. Price ex GST, \$555.00 on a stock order.

**NB; Honda Marine recommends the use of quality shift cables when installing these premium engines to ensure smooth shift operation.**

A full 6-gauge set of Honda embossed gauges including loom are available for \$400.00 to compliment these engines.

Solas propellers are stocking a full range of propellers at competitive prices to ensure a correctly matched package.

Stephen Harvey  
Honda Marine Technical Sales engineer.

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## Service Bulletin

BULLETIN NO : SBMA200112  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND ALL RELEVANT STAFF  
FROM : Service Training Department  
DATE : December 21<sup>st</sup> 2001  
SUBJECT : New marine CD

---

Ladies and Gentlemen,

As you may or may not be aware the current Marine Workshop manual CD (version 2) will expire at the end of this year 2001. This will mean that you will no longer be able to use it.

My suggestion would be to print any parts of the manual you use a lot, until the new CD arrives. Also feel free to call me in the office for any information you may need on 03 9270 1158 or e-mail us at:

[tshaw@hondampe.com.au](mailto:tshaw@hondampe.com.au) - Marine technical/training officer

[tstreten@honda.com.au](mailto:tstreten@honda.com.au) – P/E & Marine technical officer

[bbutt@hondampe.com.au](mailto:bbutt@hondampe.com.au) – P/E & Marine Service Manager

Because of the delay of Honda Australia receiving the BF225/200 workshop manual we will not be able to release the new CD before the end of 2001. We are anticipating the workshop manual to arrive in Australia early next year. The new Version 3 Marine CD should be dispatched to you late January or early February 2002. The new CD has the new BF8/10D and the new BF200/225.

We apologize for any inconvenience and wish you the best for the holiday season.

Tony Shaw  
Marine Technical/training Officer

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## Service Bulletin

BULLETIN NO : SBMA0105  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : SERVICE MANAGER AND ALL RELEVANT STAFF  
FROM : Service Department  
DATE : December 12<sup>th</sup> 2001  
SUBJECT : BF 20 to 130 Mount frame Gaskets

---

Ladies and Gentlemen,

It has come to our attention that in some case the engine may over heat while being driven at a constant speed. This may be due to sediment building up inside the engine blocking the coolant passages leading to overheating. The models that may be affected are the BF 20 through to the BF130.

**Symptom:**

The engine may overheat under normal operating conditions while being driven at a constant speed. The engine tell-tale may also be constantly block.

**Cause:**

The diameter of the coolant supply passage in the mount frame gasket is not adequate to pass large particles through it.

**Countermeasure:**

To prevent the coolant from stagnating, the diameter of the coolant supply passage was expanded. This allows larger particles to pass through the coolant system. This will mean the engine block will need to be removed to fit the new mount case gasket.

**Warranty Application:**

New outboard warranty applies only.

Fault code : 091

FRT : See parts list.

Tony Shaw  
Marine Technical/training Officer

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## Service Bulletin

BULLETIN NO : SBMA0104  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : June 2001  
SUBJECT : Outboard engine oil.

---

Ladies and Gentlemen, Honda marine would like to announce the arrival of a new 10W-30 API SJ Honda Marine oil specifically blended for use in all Honda outboard engines.

This oil is suitable for use in all Honda outboard engines.

Honda is offering a special deal during the introductory offer, please refer to the Parts Bulletin PB28-2001 (Honda Marine oil launch).



### **Warranty**

It is a requirement of the Honda Warranty policy that Honda products are serviced in accordance with the maintenance schedule in the owners & service manuals. This includes the quality and grade of oil used. Honda “strongly” recommends the use of Honda Marine Oil, in all Honda 4-stroke Marine engines to ensure their reliability & durability.

BRUCE BUTT

National Service Manager

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## Service Bulletin

BULLETIN NO : SBMA0103  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER &  
ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : June 2001  
SUBJECT : New BF75/130 oil filter & fitment tool.

---

Ladies and Gentlemen,  
Honda marine would like to announce the arrival of a new oil filter for the BF75/130 inclusive.

The new oil filter is smaller in size, therefore requiring a different filter tool to facilitate quick removal and installation.

**Oil filter part number H1540-PR3-T01**  
**Filter removal tool 04151-MW0-305.**

These items are now available via normal parts supply.

BRUCE BUTT  
National Service Manager

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## Service Bulletin

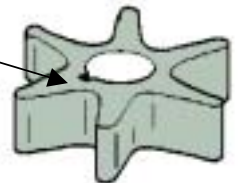
BULLETIN NO : SBMA0102  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : March 2001  
SUBJECT BF75/130 water pump impeller failure.

It has come to our attention the water pump impeller fitted to the BF75AX through to and including the BF130 AX may delaminate. For such an instance a new and improved impeller has been designed and is available as a spare part through the normal ordering procedure, it is identified by a marking of AA.

All new stock from Japan will have the new pump fitted as standard as the chart below shows. Note: The part number will remain unchanged.

Model	Type	New impellor from serial No.	FRT
BF75A1	BBAL	4300049	0.9
BF75A1	BBAL	4401072	0.9
BF90A1	BBBL	4402238	0.9
BF115AX	BZBD	1002156	0.9
BF115A1	BZBD	1200328	0.9
BF130AX	BZBE	1008677	0.9
BF130AX	BZBH	1001120	0.9
BF130A1	BZBE	1201581	0.9
BF130A1	BZBH	1200215	0.9

MARKING AA



### Normal warranty applies.

Failure code 018  
F.R.T. 0.9  
Main casual part 19210-ZW1-B03 QTY: 01  
BRUCE BUTT  
National Service Manager

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## Service Bulletin

BULLETIN NO : SBMA0101  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : March 2001  
SUBJECT : BF115/130 electric fuel pump failure.

Ladies and Gentlemen,

It has come to our attention the electric, high-pressure fuel pumps as fitted to the BF115/130 engines may, in remote cases, cease to function in normal service. There is normally a clicking sound for a few seconds when the ignition is turned on. This does not occur when the pump has failed.

Should this occur the engine may show symptoms of normal cranking, without starting.

If you encounter this, an improved replacement fuel pump has been designed and should be fitted, the improved fuel pump is identified by a grey coloured electrical connection. These pumps are in stock now.

All new stock from Japan as of December 2000 will have the new pump fitted as standard.

### **Normal warranty applies.**

Failure code		090
F.R.T.		0.3
Main casual part	16735-ZW5-004	QTY: 0
Replacement part number	16735-ZW5-034	QTY 01

BRUCE BUTT

National Service Manager

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## Service Bulletin

BULLETIN NO : SBMA0005

BULLETIN TO : ALL MARINE DEALERS

ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF

FROM : Marine Service Department

DATE : September 2000

SUBJECT : BF75/90A1 TECHNICAL CHANGES.

Ladies and Gentlemen,

Honda Marine have announced some changes to the BF75/90 range of outboard engines. As many of the internal engine components are the same as the Civic car engine when the car engine was upgraded so was the outboard engine. The differences are incorporated in the new models manufactured in Japan since June. Australia is starting to distribute these units now and the changes and benefits are highlighted below. Please note that the main specifications such as engine output (horsepower and torque) will remain unchanged, as does the current factory warranty.

Identifying the new models from the previous units is simple this example illustrates, **BF90AX LRTD is now BF90A1 LRTD.**

### Outline of changes to new models of BF75/90 A1.

1	Engine crankshaft.	<ul style="list-style-type: none"><li>• The diameter of the crankshaft at the upper side of the crankshaft.</li><li>• Width of the connecting rod pin.</li><li>• Change in oil seals</li><li>• Connecting rods have altered also.</li><li>• Engine block is revised.</li><li>• Pulleys and rotors have been upgraded.</li></ul>
2	Carburettor differences.	<ul style="list-style-type: none"><li>• Cam, throttle opener angle has changed.</li><li>• Dashpot valve has benefited by an increase in inside diameter of the joint. This will result in better acceleration response.</li><li>• The carburettor will also benefit from some internal changes.</li></ul>
3	Gearcase assembly changes.	<ul style="list-style-type: none"><li>• Clutch shifter has been upgraded, it can also be retro fitted to the earlier AX engines.</li><li>• Forward and reverse bevel gears have been revised and can also be retro fitted to the earlier AX engines.</li><li>• Propeller shaft itself has been revised also and can be installed into the earlier AX engines.</li></ul>

2/.

When servicing these units it is important to clearly identify the model you have and order the correct parts for it. The parts lists are as follows,

**DIAPHRAM ASSY**

No	Parts name	Old model	New model
1	Valve dashpot	36135ZW1004	36135ZW1L01
2	Diaphragm assembly	16240ZW1003	16240ZW1L01
3	Assist spring	17928ZW1000	17928ZW1L00
4	Throttle opener cam	17937ZW1000	17937ZW1L00
5	Fuel tube	95001-35080-40	16881ZW1L00

**CRANKSHAFT COMPONENTS**

No	Part name	Old model	New model	qty
1	Crankshaft comp	13310ZW10000	13310ZW1L000	1
2	Oil seal	91212ZW10050	91212ZW1L010M1	1
3	Block	12100ZW10000	12100ZW1L000	1
4	Crankcase	11100ZW10000	11100ZW1L000	1
5	Pulley	13621ZW10020	13621ZW1L010M1	1
6	Guide plate	13622PM30200	13622PLC0000	2
7	AGC rotor	31631ZW10030	31631ZW1L000M1	1
8	Bolt	90017P010030	90017ZW1L000	1
9	Parallel key	907046340101	90704ZW1L000	1
10	Connecting rod	13201PM60000	13201PLMA000	4
11	Con rod cap	13202PM60000	13202PLMA000	4
12	Bearing A~G con-rod	13211~7-PG6 0030	13211~7 PLM A010M1	8

**GEARCASE COMPONENTS**

No	Part name	Old model	New model
1	Clutch shifter	24101ZW5000	24101ZW5010
2	Forward bevel gear	41140ZW1B02	41140ZW1B02
3	Reverse bevel gear	41151ZW1B02	41151ZW1B03
4	Propeller shaft	41161ZW1B01	41161ZW1B01
5	Gear case assembly	41100ZW1B03 (long) 41100ZW1B33 (U long)	41100ZW1B04 (Long) 41100ZW1B34 (U long)

BRUCE BUTT  
National Service Manager

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN  
AND ITS CONTENTS.**

.....  
SERVICE MANAGER

.....  
PARTS MANAGER

.....  
SALES MANAGER

.....  
DEALER PRINCIPAL

**Service Bulletin**

BULLETIN NO : SBMA0004  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : September 2000  
SUBJECT : BF75/90-BF115/90 AV,AX.

Ladies and Gentlemen,

It has come to our attention in some cases the gearbox oil in the above models may become emulsified with water. Overfilling of the gearbox with oil will most likely be the cause of this problem. This is due to the gearbox allowing water entry through the water pump housing seals, as positive/negative pressure in the gearcase is dependant on amount of air in the casing, in turn dependant on hypoid gear oil level.

To rectify the situation the total filling capacity of the gearbox has changed on all models of BF75 through to BF130 AV,AX inclusive which alters from 1 litre to 0.95 litre. The filling procedure will differ from the workshop manual as the attached illustrations demonstrate.

Gear oil filling on BF75-130 AT & A1 models will remain as per normal.

**GEAR OIL FILLING PROCEEDURE FOR BF75-130 AV,AX INCLUSIVE****DRAINING HYPOID GEAR OIL**

- Draining hypoid gear oil as per workshop manual instructions.
- Allow oil to drain for at least 20 minutes.

**ADDING HYPOID GEAR OIL.**

- Position boat and engine so the cavitation plate is horizontal.
- Tilt engine 40 degrees (this is normally achieved when the distance between the swivel case and piston trim top is 140mm.
- Remove oil level screw and drain screw and drain residual gear oil.
- Pump fresh gear oil (see Spec's) into oil drain hole until it overflows from oil check hole.
- Install drain screw and new washer.
- Tighten oil level and drain screw to 3.4 Nm.

At correct angle for adding hypoid gear oil , distance between trim piston top and swivel case is 140mm.  
BF75-130 AV,AX.

Place ruler on top of Trim piston top as shown.

BRUCE BUTT  
National Service Manager

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN AND ITS CONTENTS.**

.....  
SERVICE MANAGER

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PARTS MANAGER

.....  
SALES MANAGER

.....  
DEALER PRINCIPAL

# HONDA® MPE

MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862

## Service Bulletin

BULLETIN NO : SBMA0003  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : September 2000  
SUBJECT : BF2D.

Ladies and Gentlemen,

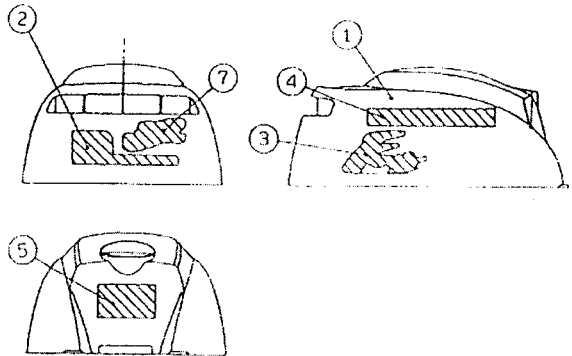
It has come to our attention that in remote cases the engine cover cowl paint finish may peel at lower edge of cover and around the fuel tank.

This occurs when the alcohol and other fuel additives contained in the fuel causes the paint finish to lift, mainly occurring when fuel is left sitting on the cover.

Please order the replacement cowl and the replacement decals **only** if the problem exists. The new cowl has an improved paint primer that is more resistant to fuels.

### Decal location and part number.

- 1). Engine cowl 63101ZW6010ZA
- 2). Rear mark 87121ZW6000
- 3). Side mark 87131ZW6000
- 4). Side stripe 87132ZW6000
- 5). Caution 87516ZW6620
- 6). Throttle decal 87532ZW6000
- 7). EPA mark 87634ZW4D20



### Normal warranty applies.

Failure code 086  
F.R.T. 0.1  
Main casual part 63101-ZW6-000 QTY: 0  
Replacement part number 63101-ZW6-010ZA QTY: 01

BRUCE BUTT  
National Service Manager

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN AND ITS CONTENTS.**

.....  
SERVICE MANAGER

.....  
PARTS MANAGER

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SALES MANAGER

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DEALER PRINCIPAL

**HONDA® MPE**

**MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862**

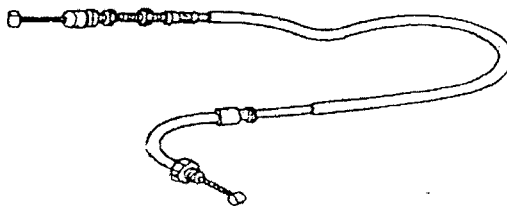
**Service Bulletin**

BULLETIN NO : SBMA0002  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : Marine Service Department  
DATE : September 2000  
SUBJECT : BF2D THROTTLE CABLE CORRODED.

---

Ladies and Gentlemen,  
It has come to our attention corrosion of the BF2D throttle cable may occur in some conditions.

An improved replacement throttle cable kit is available should corrosion be apparent.



THROTTLE CABLE

**Normal warranty applies.**

Failure code		008
F.R.T.		0.8
Main casual part	17910-ZW6-702	QTY: 0
Replacement part number	06170-ZW6-305	QTY: 01

BRUCE BUTT  
National Service Manager

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN AND ITS CONTENTS.**

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SERVICE MANAGER

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PARTS MANAGER

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SALES MANAGER

.....  
DEALER PRINCIPAL

**HONDA® MPE**

**MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862**

## **Service Bulletin**

BULLETIN NO : SBMA0001

BULLETIN TO : ALL MARINE DEALERS

ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF

FROM : Marine Service Department

DATE : September 2000

SUBJECT : BF2D SCHU Hard to start

---

Ladies and Gentlemen,

It has come to our attention; that some of the BF2D **short leg** engines have become hard to start after engine has been stopped. This normally only occurs when the engine is mounted on a low transom.

The cause of this is the engine momentarily reversing as it stops, creating negative pressure in the exhaust pipe; water droplets are then introduced into the engine bridging the spark plug electrodes.

If you encounter this problem the repair method is simple; it is a matter of following the outlined instructions.

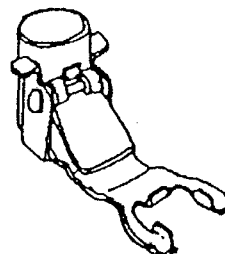
### **Valve installation outline.**

**NOTE: This part can only be claimed for the "S" type (short transom type).**

#### **Valve kit part number 06180-ZW6-305**

Kit includes,

- 1 valve
- 1 spark plug
- 1 instruction sheet

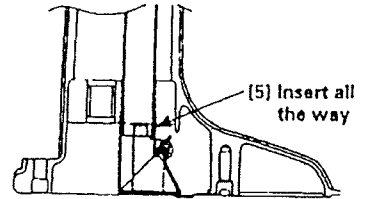
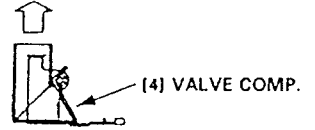
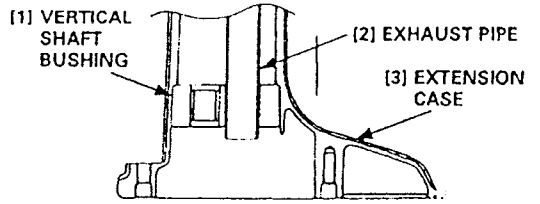




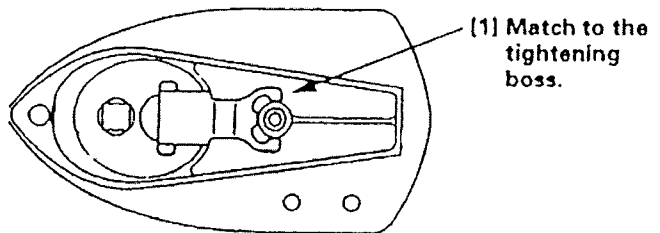
**Installation.**

1/. Remove the two bolts (6X35), and remove the gearcase assembly from the body.

2/. Insert the valve comp all the way between the exhaust pipe and the vertical shaft bushing.



3/. At this time, the installation position seen from below becomes as shown in the following figure.



4/. Install the gearcase assembly on the body, taking care that the fitted valve does not come off, tighten the two 6X35 bolts.

**Normal warranty applies.**

Failure code		090
F.R.T.		0.6
Main casual part	18330-ZW6-000	QTY: 0
Replacement part number	06180-ZW6-305	QTY: 01

BRUCE BUTT  
National Service Manager

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN AND ITS CONTENTS.**

.....  
SERVICE MANAGER      PARTS MANAGER      SALES MANAGER      DEALER PRINCIPAL

**Service Bulletin**

BULLETIN NO : SBMA9902  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER &  
ALL RELEVANT STAFF  
FROM : MARINE SERVICE  
DATE : JUNE 1999  
SUBJECT : BF 40/50 TACHOMETER READING INCORRECT

---

HONDA MARINE DEALER

Dear Sir:

It has come to our attention that some BF40/50 tachometers are fluctuating or reading incorrectly at low rpm, however functioning ok above approximately 1500rpm.

The problem has been a small peak noise from the rectifier and can be fixed by fitting part no **06383-ZV5-305** tachometer register assembly. (Installation instructions are included)

Please order the parts and claim them using the normal warranty system.

Regards, Bruce Butt  
P.E Service Manager

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN  
AND ITS CONTENTS.**

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SERVICE MANAGER

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PARTS MANAGER

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SALES MANAGER

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DEALER PRINCIPAL

# HONDA® MPE

MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862

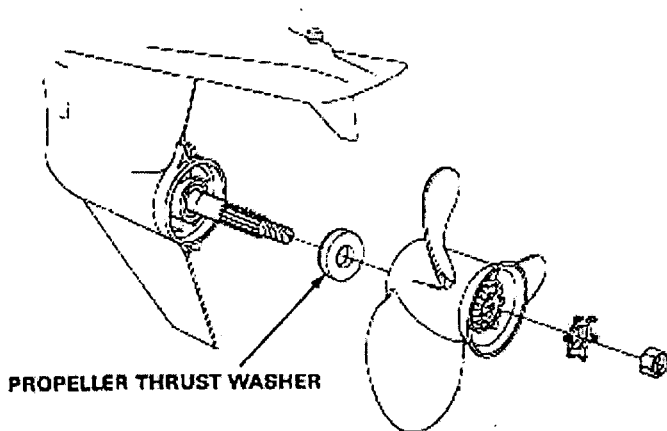
## Service Bulletin

BULLETIN NO : SBMA9901  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER &  
ALL RELEVANT STAFF  
FROM : MARINE SERVICE  
DATE : JANUARY 1999

Gentlemen,

We currently have a limited number of thrust spacers priced at \$ 28 + tax available to fit Quick Silver Flo-Torque propellers to the current Honda style BF 75/90/115/130 gearboxes.

Please contact Marine order entry if you require any of these propeller thrust spacers.



PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN AND ITS CONTENTS.

Regards, Mike Walls

Marine Technical and Training- Officer

# HONDA® MPE

MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862

## Service Bulletin

DATE : November 98

BULLETIN NO : M/C, P/E, Marine Tool Library

BULLETIN TO : All Dealers , All Products.

ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF

SUBJECT : SPECIAL TOOL LIBRARY

---

Ladies and Gentlemen,

Honda MPE service department is pleased to announce that we now have a "Honda Special Tool" loan system in place. This system can only be accessed through the service department and has been put into place to assist in making Honda dealers workshops as professional and profitable as possible through having the right tools for the job.

The tool library contains Honda specific tools only. We do not loan out tools that are available through retail tool outlets or tools that are considered "standard workshop equipment".

Some examples of tools that we do have available for loan are:

Marine, Gearbox inspection and overhaul tools. Bearing and seal removal and installation tools. Vacuummate Digital synchronisation tool.

Power Equipment, Diesel inspection and overhaul tools. V-twin inspection and overhaul tools.

Motorcycle, Transmission & Differential inspection and overhaul tools. Bearing and seal removal and installation tools. Digital Vacuummate synchronisation tool.

Please be sure to read the attached form with the conditions of use of the tool library carefully, as in some cases a charge may apply. Also make sure that when ordering tools that you use the "TOOL LIBRARY LOAN FORM" that is supplied.

If you have any questions relating to the tool library or purchasing of genuine Honda tools please contact the service department on the numbers listed below.

Power Equipment Service Department: 1800 789 259  
Motorcycle Service Department: 1800 809 327  
Marine Service Department: 1800 807 590

Regards

  
Honda MPE Service Department.

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN AND ITS CONTENTS.**

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SERVICE MANAGER

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PARTS MANAGER

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SALES MANAGER

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DEALER PRINCIPAL



# TOOL LIBRARY LOAN FORM

ATTENTION Honda MPE Service Department	
Fax Number: (03) 9270 1126	
Dealership Name:	
Dealer Number:	
Contact Name:	
Contact Phone Number:	
Date:	Number of Pages /
Model:	

TOOL PART NUMBER	TOOL DESCRIPTION
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	

# HONDA® MPE

MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862

## Service Bulletin

BULLETIN NO : SBMA9806  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : MARINE SERVICE  
DATE : SEPTEBER 1998  
SUBJECT : RECOMMENDED SERVICE TIME'S FOR HONDA OUTBOARD MOTORS

Honda Marine has had a number comments regarding the cost of servicing our outboard motors.

Listed below are the recommended service times for Honda outboard motors.

A number of dealers have been using these times for over 6 months now, and find them more than adequate.

SERVICE	3MTH/20hr	6MTH/100hr	12MTH/200hr	24MTH/400hr
BF 2HP	1.3	1.6	1.6	1.6
BF5HP	1.3	1.6	1.6	1.6
BF8HP	1.5	1.8	1.8	1.8
BF9.9HP	1.7	2.3	2.3	2.3
BF15HP	1.7	2.3	2.3	2.3
BF25HP	2.1	2.4	2.4	2.5
BF30HP	2.1	2.4	2.4	2.5
BF40HP	2.3	2.5	2.6	2.6
BF50HP	2.3	2.5	2.6	2.6
BF75HP	2.5	2.7	2.8	2.8
BF90HP	2.5	2.7	2.8	2.8
BF115	3.0	3.2	3.3	3.3
BF130	3.0	3.2	3.3	3.3

NOTE 1- Service times are approximate, and may vary depending on operating conditions, usage and regular maintenance.

NOTE 2 – The minimum recommended time between services is, every 6 months or 100 hours of operation

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN AND ITS CONTENTS.**

Regards, Mike Walls  
Marine Technical and Training- Officer

# HONDA® MPE

MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862

## Service Bulletin

BULLETIN NO : SBMA9805  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : MARINE SERVICE  
DATE : SEPTEBER 1998  
SUBJECT : EMISSIONS

### HONDA MARINE DEALER

Honda not only meets the 2006 EPA standard but exceeds it by a huge margin

Below, is a copy of the E.P.A (environmental Protection Agency) standards to be achieved by outboard motor manufactures, by the year 2006.

This standard was achieved by taking the emission readings from all outboard motors, and averaging them in each hp range.

Outboard manufacturers must progressively reduce their emissions each year, and achieve the standards set by the EPA for the year 2006.

E.g. 90hp outboard motors must achieve less than 40.9 hydrocarbons by the year 2006

The Honda BF90 at 3.0 - HC/ already surpasses the 2006 base requirement of 40.9 by 92%

MODEL	HONDA O/B			EPA STANDARD (HC)		
	HC Gr / kw -hr	HC Gr /kw-hr	HC+NOX	1997 BASE (HC)	2006 HC	HC+NOX
25 HP	BF25	6.9	16.8	190.9	47.7	53.73
30 HP	BF30	7.1	16.6	184.9	46.2	52.23
40 HP	BF40	3.9	20.3	177.2	44.3	50.31
50 HP	BF50	4.8	15.5	172.4	43.1	49.11
75 HP	BF75	3.5	10.5	165.8	41.4	47.46
90 HP	BF90	3.0	9.4	163.6	40.9	46.91
115 HP	BF115	2.84	8.96	161.1	40.28	46.28
130 HP	BF130	2.84	8.96	160.1	40.02	46.02



Outboard motor manufacturers are taking a variety of “stop gap” measures, to achieve the yearly reduction in emissions from their motors. These measures are sometimes advertised as features, such as shutting down one cylinder at low speed.

As can be seen from the attached chart Honda more than exceed the EPA requirement for the year 2006 in every category.

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN  
AND ITS CONTENTS.**

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SERVICE MANAGER

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PARTS MANAGER

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SALES MANAGER

.....  
DEALER PRINCIPAL

**Service Bulletin****NO: SBMATOOLS**

**DATE:** AUGUST 1998  
**TO:** All Marine Dealers  
**ATTENTION:** Dealer Principal, Service Manager, Parts Manager,  
 Sales Manager, and all relevant staff.  
**SUBJECT:** Marine Special Tools

Dear Marine Dealer,

HONDA MPE has the opportunity to purchase direct from the manufacture and supply to our dealer network, at a special price, the following workshop tools.

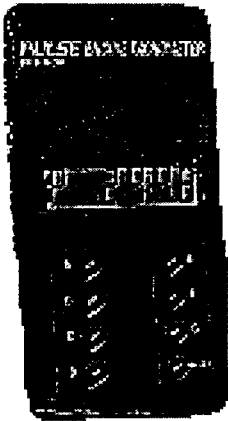
**HAND HELD ENGINE TACHOMETER****PET-1100TYPE**

This tachometer measures engine RPM simply by placing it close to a plug lead

The PET-1100 has many measuring modes for various types of engines. 2-stroke, 1 to 4 cylinder, 4- stroke, 1 to 8 cylinders  
 An antenna lead is included and can be used if required.

**SPECIFICATIONS**

Measuring method	Count pulses
RPM display interval	0.5 seconds
Accuracy	+/- 10rpm
Battery life	Approx. 20,000 hrs
Dimensions ( L x W x H)	120 x 62 x 13mm
Main body weight	73g



Accessories

Antenna lead &amp; hang strap

**VACUUMMATE DIGITAL CARBURETOR SYNCHRONIZATION TOOL**

It is essential to have a accurate digital vacuum gauge (to within 5mmHg) to be able to service the multi cylinder HONDA outboard's.

**SPECIFICATION**

Cable and clamps for 12 volt power supply.

Neoprene tubes with flexi-rigid adaptors for 5&amp;6mm threads.

Four channel bright LED array display.

Power switch and power on LED indicator.

Mode switch Average / Dynamic.

Scale selector switch 20/40/60 cmHg vacuuum

Function switch to select RPM display or vacuum

RPM display selector switch 0 to 2000/4000/8000 rpm

Dynamic mode sensitivity adjustment. Protective rubber holster

Customised foam lined carry case. Full English instructions

These tools can be ordered through the Service Department on the attached order form and are available on a prior order basis only To enable us to supply our dealer network with these tools A.S.A.P. please return your order to the Service Department by the 21-09-98

The expected delivery time is six weeks from the order deadline.

**DIGITAL TACHOMETER DEALER BUY PRICE \$175.30****DIGITAL VACUUM GAUGE DEALER BUY PRICE \$598.40****REGARDS**

Greg Snart

National Service Manager

# HONDA MPE

## MOTORCYCLE & POWER EQUIPMENT

FAX. 03 9270 1122

**ORDER FORM:**

**BULLETIN No: SBMATOOLS**

**DATE:** \_\_\_\_\_

**PAGE:** \_\_\_\_\_

**DEALER NUMBER:** \_\_\_\_\_

**DLR FAX NUMBER:** \_\_\_\_\_

**TAX METHOD: Y- YES WITH TAX** \_\_\_\_\_  
**: N- NO SALES TAX EXEMPT** \_\_\_\_\_

ITEM	PART NUMBER	PRICE (EX TAX)	QTY	BACKORDER
1.	L1002 P11 001 VACUUMMATE DIGITAL	\$598.40		Y
2.	L1002P11 002 ENGINE TACHOMETER	\$175.30		Y

**IF SALES TAX EXEMPT COMPLETE THE SECTION BELOW.**

**1. "I HEREBY QUOTE SALES TAX REGISTRATION NUMBER**

\_\_\_\_\_  
*INSERT NUMBER*

**NAME OF PERSON AUTHORISED TO QUOTE**

\_\_\_\_\_  
*INSERT NAME IN BLOCK LETTERS*

**SINATURE OF PERSON AUTHORISED TO QUOTE**

\_\_\_\_\_  
*INSERT SIGNATURE*

**DATE:** \_\_\_\_\_

*INSERT DATE*

**2. COMPLETE IN FULL "QUOTATION OF EXEMPTION DECLARATION"  
ATTACHED.**

**NOTE: ORDERS WILL NOT BE PROCESSED SALES TAX EXEMPT UNLESS EITHER 1  
OR 2 IS COMPLETED ABOVE.**

SAVE:AS ORDERFORMMA

# **HONDA® MPE**

MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862

## **Service Bulletin**

BULLETIN NO : SBMA9802  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : National Service Department  
DATE : May 1998  
SUBJECT : Warranty Labor Rate

---

### **HONDA MARINE DEALER**

Honda MPE has increased the Marine Dealers warranty labor rate to \$40.00 per hour. However, the rate paid can be increased to \$43.00 per hour provided set conditions are met.

Before we can assess your commitment to the service of Honda Marine products, we require you to fill in a dealer check list (enclosed) and return it to Honda MPE Service Department as soon as possible.

This information, together with

- Honda service training attendance
- Warranty registration returns and claim history
- Spare parts stock
- Customer complaints history
- Assessment during visits by service staff

Will be used to upgrade your warranty rate.

The higher warranty rate will only be entertained when all of this information is received and assessed by Honda Service Personnel.

Mike Walls  
National Marine Service coordinator

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN AND ITS CONTENTS.**

...  
SERVICE MANAGER

...  
PARTS MANAGER

SALES MANAGER

DEALER PRINCIPAL

# **HONDA® MPE**

MOTORCYCLE & POWER EQUIPMENT ACN.006 662 862

## **Service Bulletin**

BULLETIN NO : SBMA9801  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
FROM : National Service Department  
DATE : April 1998  
SUBJECT : Boat set-up

---

Ladies and Gentlemen,

We would like you to assist us, to collate information for setting up Honda outboard motors to boats.

Could you please fill in the enclosed form with information on boats that you have tested or any boats you test in the future.

Please return the completed forms to - **HONDA MARINE DEPARTMENT**  
**ATTENTION MIKE WALLS FAX NO > 03-9270-1136**

The information collected will be distributed to all Honda dealers in Australia.

Thank you for your assistance in this matter.

Mike Walls  
Marine Service coordinator

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN  
AND ITS CONTENTS.**

**SERVICE MANAGER**

**PARTS MANAGER**

**SALES MANAGER**

**DEALER PRINCIPAL**

# HONDA BOAT SETUP DETAILS

DEALER NAME: \_\_\_\_\_ DEALER NO: \_\_\_\_\_

◆ **BOAT DETAILS**

MANUFACTURER	TYPE	NAME

LENGTH	BEAM	WEIGHT

TWIN	SINGLE	TRANSOM ANGLE	TRANSOM HEIGHT	WEDGED

◆ **OUTBOARD DETAILS**

MODEL	ENGINE HEIGHT

◆ **PROPELLOR SELECTED**

BRAND	TYPE	DIA.	PITCH	ENGINE RPM	BOAT SPEED

◆ **RESULTS OF OTHER PROPELLORS TESTED**

BRAND	TYPE	DIA.	PITCH	ENGINE RPM	BOAT SPEED

◆ **COMMERCIAL USE**

USE	LOAD KGS

◆ **BOAT USES:**

- Ski
- Fish
- Commercial

Other \_\_\_\_\_

◆ <b>FUEL USE</b>	
LITRES	HOURS

BULLETIN NO : SBMA9706  
BULLETIN TO : TO ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER &  
ALL RELEVANT STAFF  
FROM : SERVICE/PARTS DEPARTMENT  
DATE : NOVEMBER 1997  
SUBJECT : BF25 -30 -40 -50 TILLER HANDLE OPERATION

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Dear Honda Marine Dealer,

It has come to our attention that some dealers are recommending use of the tiller handle to assist in tilting the outboard motor out of the water.

The tiller handle bar has been designed so that the handle bar goes down over the stop when excessive down force is applied to the handle. (This is to avoid damage to the handle)

Please advise your customers to read the owners manual, which says not to use the handle bar when tilting up the motor.

BRUCE BUTT  
National Service Manager

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN  
AND ITS CONTENTS.**

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SERVICE MANAGER

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PARTS MANAGER

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SALES MANAGER

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DEALER PRINCIPAL

BULLETIN NO : SBMA9705  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF.  
FROM : NATIONAL SERVICE DEPARTMENT.  
DATE : JUNE 1997.  
SUBJECT : REVISION TO BF75A/90A SET UP INSTRUCTION MANUAL.

I have enclosed an alteration to the switch panel template in the BF75A/90A set up manual found at the back of page 55. The template is incorrect and should be replaced by the correct one provided.

Please make sure that all your staff are made aware of the contents of this bulletin thank you.



BULLETIN NO : SBMA9704

BULLETIN TO : ALL MARINE DEALERS

ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER ALL RELEVANT STAFF.

FROM : NATIONAL SERVICE DEPARTMENT

.DATE : JUNE 1997

SUBJECT : BOLT TORQUE & LENGTH

: **WIDE PLASTIC REGION** bolts( used in cylinder head , crankcase, ect. on some models) tensioning and bolt measurement

I would like to bring to your attention the correct procedure for tensioning cylinder head and crankcase bolts on some model Honda outboard engines (refer to correct model workshop manual). Example: The workshop manual reads, after tightening the bolts to the specified torque, mark the alignment position on the bolts and cylinder head or cylinder block. Tighten the bolts an additional 90° degrees . (different bolts may vary in tension and degrees of rotation refer to manual).

NOTE : Refer to your service manual for bolts requiring this procedure.

Prior to bolt installation, check the bolt length meets the length specification in the workshop manual Please make sure that all your staff are made aware of the contents of this bulletin thank you .

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SERVICE MANAGER    PARTS MANAGER    SALES MANAGER    DEALER PRINCIPAL

BULLETIN NO : SBMA9703  
BULLETIN TO : ALL MARINE DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANGER, SALES MANAGER & ALL  
RELEVANT STAFF.  
FROM : NATIONAL SERVICE DEPT  
DATE : NOVEMBER 1997  
SUBJECT : CAMSHAFT DRIVE BELT REPLACEMENT INTERVALS.

It has been brought to my attention that some confusion exists with replacement intervals for camshaft drive belts. The recommended replacement interval is not given in hours of operation or units age. However, if during normal service or repair operations it is found that the camshaft drive belt is showing signs of wear or deterioration, it must be replaced immediately regardless of hours of use or age (refer to the workshop manual for inspection and adjustment schedule).

Please make sure that all of your staff are made aware of the contents of this bulletin thank you for your Cooperation in this matter.

BRUCE BUTT

NATIONAL SERVICE MANAGER

PLEASE ENSURE ALL RELEVANT STAFF AER AWARE OF THIS BULLETIN  
AND ITS CONTENTS.

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SERVICE MANAGER

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PARTS MANGER

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SALES MANGER

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DEALER PRINCIPAL

BULLETIN NO : SBMA9702  
 BULLETIN TO : ALL MARINE DEALERS  
 ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER & ALL RELEVANT STAFF  
 FROM : NATIONAL SERVICE DEPT.  
 DATE : MARCH 1997  
 SUBJECT : SERVICE MANUALS AND PARTS LIST BOOKS

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Ladies and Gentlemen,

The marine department is having a special deal on :

A full set of Service Manual books is available to Marine dealers at a cost of \$310. This consists of:

MODEL	P/N of MANUAL	RETAIL
BF2AM	66ZV001	\$38.23
BF5AM	66ZV101	\$57.29
BF8AM	6688122	\$79.50
BF9.9AM/BF15AM	66ZV400	\$82.20
BF25A/BF30A	66ZV700	\$184.00
BF40A/BF50A	66ZV300	\$196.50
BF75ATB/F90AT	66ZW000	\$211.21
TOTAL	-	\$848.93

A full set of Parts List books is available to Marine dealers at a cost of \$200

This consists of:

MODEL	P/N of MANUAL	RETAIL
BF2AM	13ZV0046	\$56.89
BF5AM	13ZV10E6	\$60.00
BF8AM	14881FE7	\$60.02
BF9.9/15AM	13ZV40E4	\$60.00
BF25/30A	13ZV90E2	\$60.00
BF35/45	13ZV50E3	\$56.89
BF40/50	17ZV50E1	\$60.00
BF75/90AT	13ZW00E2	\$38.57
TOTAL	-	\$452.37

One set per dealer is available. Delivery will be approximately 12 weeks.

Order must be in by end of March.

To receive this special offer sign, date and fax back a copy of this bulletin to our parts department.

Dealer No. \_\_\_\_\_ Order No. \_\_\_\_\_ Signature \_\_\_\_\_

Date: \_\_\_\_\_

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN AND ITS CONTENTS.**

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 SERVICE MANAGER      PARTS MANAGER      SALES MANAGER      DEALER PRINCIPAL

BULLETIN NO : SBMA9701  
BULLETIN TO : ALL POWER EQUIPMENT DEALERS  
ATTENTION : DEALER PRINCIPAL, SERVICE MANAGER, SALES MANAGER &  
ALL RELEVANT STAFF  
FROM : SERVICE/PARTS DEPARTMENT  
DATE : FEBRUARY 1997  
SUBJECT : SET-UP MANUALS

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Dear Honda Marine Dealer,

Please find enclosed the set-up manuals for the BF20/25, BF35/45, and the BF75/90. This is considered required information so it has been automatically shipped to you . We have charged for the BF75/90 manual and have included the BF20/25 and the BF35/45 manuals at no charge.

BRUCE BUTT  
National Service Manager

**PLEASE ENSURE ALL RELEVANT STAFF ARE AWARE OF THIS BULLETIN  
AND ITS CONTENTS.**

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SERVICE MANAGER

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PARTS MANAGER

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SALES MANAGER

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DEALER PRINCIPAL

**SERVICE BULLETIN NO: SB01MA96**

**DATE:** February 1996

**TO:** All Marine dealers

**ATTENTION:** Dealer Principal, Service Manager, Sales Manager, Parts Manager, and all relevant staff

**SUBJECT:** FLUSHING OF BF75/90

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Ladies and Gentlemen,

The owner's manual for the BF75/90 details the procedure for flushing the engine using the hose joint tool (optional part).

When following this procedure it is imperative that the engine not be running.

The hose joint tool supplies flushing water through a bypass, that will flush the entire engine. As the water pump is not used to supply the flushing water, should the engine be run during flushing the impeller shall be burned out.

Impellers burnt out due to incorrect flushing shall not be repaired under warranty.

Should you have any queries with regard to this bulletin please do not hesitate in contacting this office.

Regards



**Paul Vandenberg**  
**SERVICE OPERATIONS MANAGER**