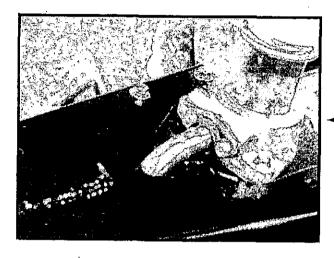
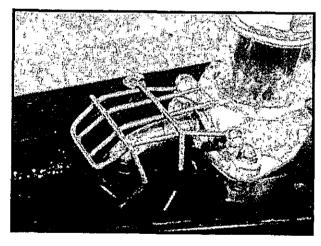
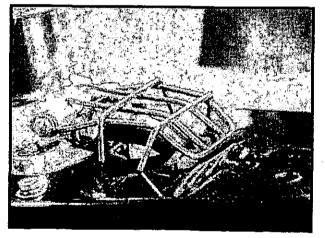
This Bulletin applies to Honda BF2A Outboard motors supplied prior to 1993. If you have motors without heat shields you may contact our parts department for current

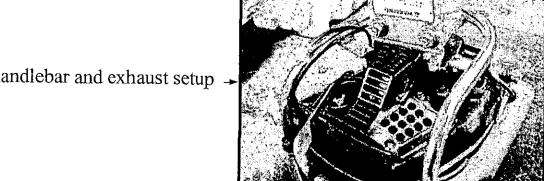


Unprotected exhaust pipe

Protected with stainless exhaust guard







Post 1993 handlebar and exhaust setup



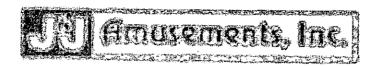
33155-A Cammo Capistrano San Juan Capistrano, CA 92675 714-493-4933 800-854 3140 FAX 714/661-2647

INSTALLATION 1993 HANDLEBAR

- 1. REMOVE OLD HANDLEBAR AND HANDLEBAR BRACKET.
- 2. REMOVE HAND GRIPS AND THROTTLE LEVER FROM HANDLEBAR.
- 3. INSTALL EXHAUST BOLTS, (#AH0768291) (NO. 1)
- 4. INSTALL EXHAUST PROTECTOR, (#AH1814870) (NO. 2)
- 5. REMOVE THE 10mm HEX HEAD BOLT (NO. 3)
- 6. ALIGN THE FOUR BRACKETS SPACERS TO THE HANDLEBARS (#HB002A) AND ENGINE CASE.
- 7. USING FOUR 6mm x 60mm BOLTS INSTALL NEW HANDLEBAR (NO. 4) ONTO MOTOR.
- 8. INSTALL HAND GRIPS, THROTTLE LEVER AND ROUTE THROTTLE CABLE. NOTE: ZIP TIE THROTTLE CABLE TO THE HANDLBARS TO PREVENT CUSTOMER VANDALISM.

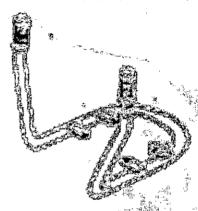
IF YOU HAVE ANY PROBLEMS WITH THESE INSTRUCTIONS FEEL FREE TO GIVE ME A CALL 1-800-854-3140

DAN HANSEN TECHNICAL REPRESENTATIVE



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ALL NEW FOR 1838

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SERVICE BULLETIN

1-800-854-3140 (714) 493-4033 (Inside CA)

INSTALL EXHAUST PROTECTOR NOW!!!

AFFECTED UNITS:

J&J Amusements 1992 Honda BF2 bumper boat motors

The exposed exhaust pipe on your Honda BF2A motor, (see Fig. 1) under certain conditions can burn a customer. A leg or other part of the body could, under uncontrolled conditions, get wedged between the boat and the exposed exhaust pipe, causing irritation or a burn.

We are taking immediate action to eliminate the possibility of this occurring:

We are sending at no charge a custom made exhaust protector (see Fig. 2) with instruction on how to install. This is an easy fix (2 minutes per motor) and this should prove effective in eliminating the danger of heat from the exhaust contacting the customer. This is a metal guard custom made by J&J to address this problem.

When you receive the exhaust protectors, please contact Dan Hansen, J&J Technical Supervisor, at once by Phoning 1-800-854-3140.

Upon completion of the installation of these protectors, please notify J&J in writing that installation is complete and all J&J motors are now using these exhaust protectors.

 $\rm J\&J$ apologizes for any inconvenience associated with this project. The company takes great pride in its safety record with bumper boats and attempts to closely monitor and test all changes in its product.

(SEE ATTACHED SHEET FIG. 1 THROUGH 4 FOR INSTALLATION INSTRUCTIONS.)



33155-A Camino Capistrano — San Juan Capistrano, CA 92675 714 493-4033 — 800-854-3140 — FAX 714/661-2647

CODE: EXHAUST. PRO

NC PROTECTORS

EXHAUST PROTECTOR INSTALLATION PROJECT

- Larry Lloyd (817-699-5646)
 PUTT PUTT GOLF -- 2508 Cross St -- Killeen, TX 76543
- John Fechter, Gen Mgr. (602-961-0180) FIDDLESTICKS -- 1155 W. Elliot Rd -- Tempe, AZ 85284
- 3. Steve Russ (808-982-5412) SPLASH & BASH -- PO Box 519 -- Keaau, HI 96749
- Jamie Behar (52-66-817810)
 WORLD OF FUN -- % Behar Architects, Cammino Elevado 431 -- Bonita, CA 92002
- 5. Paul Zellar (404-840-1123) MOUNTASIA OF EAST COBB -- 5555 Triangle Pky, Ste. 120 --Norcross, GA 30092 (Ship to: 1099 Johnson Ferry Rd., Marietta, GA 30068)
- 6. Paul Zellar (803-458-7329)

 MOUNTASIA -- 712 Congaree Rd -- Greenville, SC 29607

 (Mountasis Enterprises, Inc., 5895 Windward Pky, Ste 220, Alpharetta, GA 30202 (404-442-6640)
- 7. Michael Jenkins (214-942-4474)
 LARC -- 2151 Fort Worth Ave -- Dallas, TX 75211
- 8. Gary Cox (405-360-1800) THE PERFECT SWING --1900 Ann-Branden Blvd.-- Norman, OK 73071
- 9. Steve Smith (618-624-7074 CENTERFIELD PARK --5620 Old Collinsville-- Belleville, IL 62221
- 10. Ron Brown (405-564-2340)
 TEXOMALAND FUN TRACK -- HC 68, Box 12025 -- Kingston, OK 73439
- 11. Tracey Hannigan (703-361-4451)
 BEN LOMOND PARK --7500 Ben Lomond Pk -- Manassas, VA 22110
- 12. Mark Bray (206-856-7102)
 BIG FOOT BUMPER BOATS -- 1713 Summit Lake Shore Rd -- Olympia,
 WA 98502
- 13. Harry & Elaine Spence (606-663-4044)
 COUNTRY JUNCTION -- 1321 Natural Bridge Rd -- Slade, KY 40376



33155-A Camino Capistrano / San Juan Capistrano, CA 92675 714 493-4033 800-854-3140 FAX 714/661-264**

PAGE 2 -- Exhaust Protector Installation Project

- 14. Michele Weller (201-646-5700) TALCOTTVILLE/CONN GOLFLAND -- 51 Hartford Tpk -- Vernon, CT 0505
- 15. Wayne Darling (508-336-8307)
 SEEKONK GRAND PRIX -- 110 Fall River Ave -- Seekonk, MA 02771
- 16. Mike Peuquet (219-462-1300) INMAN'S REC CENTER -- 3201 Evans Ave -- Valparaiso, IN 46383
- 17. Frank Myatt (803-967-8551)
 GOLDEN PARK GRAND PRIX -- 108 Balcome Blvd -- Simpsonville, SC 29681
- 18. David & Connie Spiering (217-446-7895)
 TEE TIME FAMILY FUN CTR -- RR 2, Box 166A -- Danville, IL 61832
- 19. Marcelo Cavlieri (541-381-7692)
 SERVTEC S.R.L. -- Lime 115, Piso 6 -- 1073 Buenos Aires,
 Argentina
- 20. Bill Ashton (714-986-4867) SCANDIA -- 1155 S. Wanamaker Ave -- Ontario, CA 91761



33155-A.C. aoine Copistrano / San Juan Capistrano, CA 92675 714395 493) 800-854-3140 FAX 714/661-2647

SUBJECT:HONDA BF2 DATE: OCT 15, 1992

SERVICE BULLETIN PRODUCT UPDATE

AFFECTED UNITS---- J&J AMUSEMENTS 1992 HONDA BF2 BUMPER BOAT MOTORS

SYMPTOM- -----AN EXPOSED EXHAUST PIPE, UNDER CERTAIN
CONDITIONS CAN BURN A CUSTOMER. A LEG OR
OTHER PART OF THE BODY COULD, UNDER
UNCONTROLLED CONDITIONS, GET WEDGED
BETWEEN THE BOAT AND THE EXPOSED EXHAUST
PIPE.

CORRECITIVE ACTION~ YOU MUST INSTALL THE EXHAUST PROTECTOR AT ONCE. SUPPLIED EXHAUST PROTECTORS
SUPPLIED BOLTS

TO INSTALL THE EXHAUST PROTECTOR:

- 1. SHUT OFF GAS AND TURN MOTOR SO IT IS STANDING ON ITS GAS TANK
- LINE THE EXHAUST PROTECTOR UP OVER THE EXPOSED EXHAUST PIPE AND INSTALL USING BOLTS SUPPLIED.

IF YOU HAVE ANY QUESTIONS ABOUT THIS MATTER, CONTACT DAN HANSEN, TECHNICAL SUPERVISOR AT 1-800-854-3140 OR 714-493-4033.



33155-A Camino Capistrano / San Juan Capistrano, CA 92675 714/493-4033 800-854-3140 FAX 714/661-2647

DATE:

OCT 15, 1992

TO:

Terry Weerts Jeff Morton Gary Lamprecht

FROM:

Dan Hansen

J&J Amusements

SUBJECT:

The burn problem caused by the exposed exhaust pipe on the HONDA BF2 bumper boat motor.

Gentlemen:

I have sent to the following Celebration Stations a service bulletin that has instructions on how to install the exhaust protector at no cost to Celebration Station on 10/15/92, 2 DAY AIR. (see attached bulletin)

I will send a exhaust protector at no charge for each Honda motor we sold to you in 1992. If you lose or need extra exhaust protectors, they will cost \$9.95 each.

Houston South 25 exhaust protectors 50 bolts Houston North 34 exhaust protectors 68 bolts 34 exhaust protectors 68 bolts

Austin Charlotte Oklahoma

Will ship on 10/23/92 Will ship on 10/23/92 Will ship on 10/23/92

Greensboro New Orleans

Mesquite

Will ship on 10/23/92 Those motors came stock with the

exhaust protector

If you have any questions please call.

Sincerely

Dick Hall

Technical Supervisor

TO ALL J&J CUSTOMERS WITH 1992 HONDA BF2'S

SERVICE BULLETIN PRODUCT UPDATE

January 18, 1993

AFFECTED UNITS:

J&J AMUSEMNENTS 1992 HONDA BF2 BUMPER BOAT MOTORS

AN EXPOSED EXHAUST PIPE, UNDER CERTAIN CONDITIONS CAN BURN A CUSTOMER. A LEG OF OTHER PART OF THE BODY COULD, UNDER UNCONTROLLED CONDITIONS, GET WEDGED BETWEEN THE BOAT AND THE EXPOSED EXHAUST PIPE.

CORRECTIVE ACTION: EXHAUST PROTECTOR OR 1993 HANDLEBAR RETROFIT

THE EXHAUST PROTECTOR COVERS THE EXHAUST PIPE TO PREVENT BURNS. THIS IS AVAILABLE FROM J&J AT NO COST.

NEW FOR 1993, HANDLEBAR RETROFIT. MOTOR RUNS COOLER, LESS WEIGHT, ALL STAINLESS STEEL AND FITS ALL HONDA BF2'S.

THE FOLLOWING PARTS ARE NEEDED TO CONVERT YOUR J&J HONDA

QY	PART #	DESCRIPTION	PRICE '
1 4 2 1 4	HB002A AH1814870 AH0768291 AH0285114 NB004A AH2133346	HANDLEBAR, 93 PROTECTOR COMP, EXHAUST BOLT, HEX 6X12 WASHER, 6mm 6X60mm HEX CAP SCREW, TAPPING, 5X16	\$ 49.95 \$ 23.32 \$ 3.28 \$.64 \$.72 \$ 6.48
		J&J LIST PRICE	\$ 84.39 PER MOTOR

YOUR COST FOR THE RETROFIT \$ 62.20 PER MOTOR PLUS SHIPPING

SERVICE BULLETIN

August 27, 1996

BF2-001

WATER COOLING NOTICE

AFFECTED MODELS

All Bumper Boats that use Honda BF2A and Suzuki DT2 outboard motors.

PROBABLE CAUSE

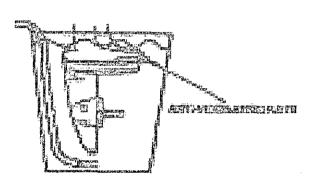
Motor must never be started with lower unit out of water. If the motor must be run, make sure there is water at least 2 inches above the anti-ventilation plate, (A 5 gallon bucket works fine when testing in garage see illustration) otherwise the water pump may not receive sufficient cooling water, and the motor will overheat. Running or trying to start motor without water can cause serious motor damage due to overheating, in addition the overheated motor may become a burn hazard.

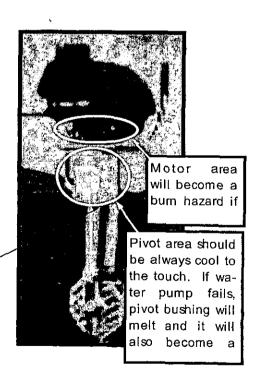
WARNING: Exhaust contains poisonous carbon monoxide which can cause unconsciousness and may lead to death. Never run the outboard in a

CORRECTIVE ACTION

Be sure that water flows from the <u>pivot</u> water check area while the motor is running. If not, stop the motor and determine the cause of the problem.

WARNING: OVERHEATING CAN CAUSE MOTOR AND PIVOT AREA TO BECOME A BURN HAZARD.





If you have any questions please call service at (800) 854-3140 or (503) 304-8899



INFORMATION BULLETIN

August 28, 1998

BF2-002

AUXILIARY HEAT GUARD

AFFECTED MODELS

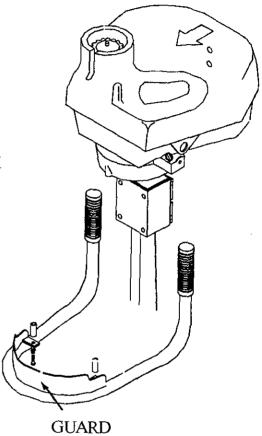
All Honda BF2A used in Bumper Boat application.

PROBABLE CAUSE

Over the years, there have been isolated incidents of customers receiving burns form the Honda BF2A Outboard Motor. This occurs when pump fails (See J&J Bulletin BF2-001) and the lower portion of the motor becomes overheated. In an effort to reduce the risk of burns under this circumstance, J&J now has available, an auxiliary guard to help eliminate any direct contact with the motor case. Please be advised that no guard can completely eliminate the risk of burns, should the water pump fail. Make sure that proper water pump flow is checked daily.



Auxiliary Heat Guard goes in-between Handle bars and motor. See picture right. Use thread locking compound on bolt threads upon assembly.



Always make sure water flows from the pivot water check area while the motor is running. If not, stop the motor and determine the cause of the problem.

To reduce your exposure to potential incidents, J&J strongly recommends installation of the Auxiliary Heat Guard.

Part#002371 Price: \$8.95 each.

WARNING: OVERHEATING CAN CAUSE MOTOR AND PIVOT AREA TO BECOME A

If you have any questions please call service at (800) 854-3140 or (503) 304-8899



Installation Instructions

July, 22 1998

Smooth Tube Installation Instructions

Smooth Bumper Boat Tube Installation Instructions

MODELS INVOLVED

All Smooth Type Bumper Boat tubes.

SYMPTOM

The valve stem on this type of tube may rub against boat hull and cause boat damage and could also cause the tube to leak.

CORRECTIVE ACTION

Smooth type Bumper Boats Tubes should be mounted with the valve stem facing down. Before installing tube on boat make sure tube has at least 1 1/2 psi and check the valve stem for air leaks. Note: To check for air leakage around valve stem, spray soapy water around the valve area and watch for bubbles.