HOWE SOUND MARINE
PEAK POWER PERFORMANCE
P. O. Box 604, 60 Lions Bay Avenue, Lions Bay, BC V0N 2E0
phone: 604-921-7124
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Repair Order

Due: $10,354.03

Doc Number: 44731
Date Printed: 01/23/2026
Date Promised: 12/04/2025
Date In: 12/04/2025

JIM GIRARD
3560 BLUEBONNET ROAD
NORTH VANCOUVER, BC V7R 4E1

Customer Information

Cell Phone: 604-617-1408
Email: JGIRARD1408@GMAIL.COM

Summary

Approve	Decline	Unit	Job	Job Total
☑	☐	2001 Mercruiser 5.0L - PORT	PICK UP BOAT & CHECK PORT ENGINE FOR SMOKING & POSSIBLE OVERHEAT	$1,335.10
☑	☐	2001 Mercruiser 5.0L - PORT	CAPTAINS CALL ON PORT ENGINE IS BROKEN	$2,687.98
☑	☐	2001 Mercruiser 5.0L - PORT	TUNE UP PORT ENGINE	$960.94
☑	☐	2001 Mercruiser 5.0L - STBD	CHECK STB ENGINE FOR BEEPING	$142.94
☑	☐	2001 Mercruiser 5.0L - STBD	REPLACE DIVERTER KIT FOR CAPTAIN'S CALL ON STARBOARD ENGINE	$1,831.83
☑	☐	2001 Mercruiser 5.0L - STBD	WINTERIZE ENGINES	$474.04
☑	☐	2001 Mercruiser 5.0L - STBD	TUNE UP STARBOARD ENGINE	$1,718.20

Job Subtotal:	**$9,151.03**
Misc:	**$93.63**
Job Parts Subtotal:	**$2,728.95**
Job Labor Subtotal:	**$6,422.08**
PST - 7.00%:	**$647.13**
GST - 5.00%:	**$462.24**
Total:	**$10,354.03**
Less Deposits:	**$0.00**
Total Due:	**$10,354.03**

Thank You For Your Business.

Payment in full upon completion of repairs.
VISA, MASTERCARD, CHEQUE & E-TRANSFER ACCEPTED.
A 2% per month financing charge will apply to overdue accounts.
GST #89227-3681RT

The sale of Electrical Components is Final.

The obligation of Howe Sound Marine Ltd. is limited to the performance of work actually listed and charged for on this work order invoice. An express mechanic's lien is acknowledged on watercraft and related parts to secure the amounts of repairs thereof. Howe Sound Marine will not be held responsible for loss or damage to watercraft or articles left in the watercraft in case of fire, theft, accident or any cause beyond our control.

Signature: _____

Detail

Unit **2001 Mercruiser 5.0L - PORT** **Color:** **Keyboard:**

VIN/HIN/Serial No:0L685593 **Plate:**BC7523806 **Odom/Hrs In:**0 **Out:**767.7

PICK UP BOAT & CHECK PORT ENGINE FOR SMOKING & POSSIBLE OVERHEAT

Description: CLIENT COMPLAINED OF SMOKE COMING OUT OF PORT ENGINE & TEMPERATURE WAS A LITTLE HIGH
USUALLY AROUND 175 ON THE GAUGE BUT WAS MOVING UP TO 250 DEGREES
COOLANT AND OIL LEVEL SEEM FINE

Resolution: TRAVEL TO SEWELL'S MARINA
TRY TO START ENGINES - ENGINES WILL NOT START
FOUND BATTERIES LOW ON CHARGE
CONNECTED SHORE POWER TO CHARGE BATTERIES
START ENGINES & SEA TRIAL BOAT
FOUND PORT ENGINE CAPTAINS CALL STUCK OPEN AND CAN HEAR THE FLAPPER LOOSE
FOUND TEMPERATURE CREEPING UP AT HIGH RPM ON PORT ENGINE
BRING BOAT TO LIONS BAY & OUTHAUL
TEST RAN PORT ENGINE ON LAND
FOUND LOW WATER FLOW ON PORT SIDE OF PORT ENGINE
REMOVE HEAT EXCHANGER CAPS TO CHECK FOR RESTRICTION - NONE FOUND
REMOVE & REPLACE WATER PUMP IMPELLER & TEST - FOUND WATER FLOW MUCH BETTER

Parts

Part #	Qty	Description	Price	Discount	Total
46-807151A14	1.00	W/P BODY/IMPELLER KIT	$200.79	$0.00	$200.79
16755Q1	1.00	BRAVO DRIVE GASKET KIT	$19.79	$0.00	$19.79
27-8M0109475	1.00	GASKET	$2.79	$0.00	$2.79
19-14842	1.00	CAP	$6.29	$0.00	$6.29
				Parts Subtotal	**$229.66**

Labor

Description	Technician	Hours	Total
TRAVEL TO SEWELL'S, INSPECT & BRING TO LIONS BAY	BRYSON EDSTRAND	2.88	$541.44
REPLACE WATER PUMP IMPELLER	BRYSON EDSTRAND	3	$564.00
		Labor Subtotal	**$1,105.44**

Job Subtotal **$1,335.10**

Approve: ☑ **Decline:** ☐

CAPTAINS CALL ON PORT ENGINE IS BROKEN

Description: FOUND CAPTAIN'S CALL ON THE PORT ENGINE IS BROKEN

Resolution: REMOVE MIXING ELBOW ON PORT ENGINE TO REMOVE CAPTAINS CALL ASSEMBLY
INSPECT MANIFOLDS & RISERS WHILE REMOVED - OK
REMOVE CAPTAINS CALL ASSEMBLY
FOUND PIN FOR THE VALVE SNAPPED AT THE BOLT CAUSING IT TO FLOP AROUND & CAUSE EXCESSIVE NOISE
REMOVE THE SOLENOID AND VALVE
TEST SOLENOID OPERATION - OK
FOUND EXHAUST SHUTTER HAD ONE FLAP STUCK IN THE WRONG DIRECTION ON THE SAME SIDE AS CAPTAINS CALL CONTRIBUTING TO THE OVERHEAT ISSUE
INSTALL NEW SHUTTER VALVES, PINS & O-RINGS FOR CAPTAIN'S CALL ASSEMBLY
REPLACE DAMAGED EXHAUST SHUTTER VALVES
REINSTALL CAPTAIN'S CALL ASSEMBLY
CLEAN SALT BUILDUP FROM EXHAUST HORN
PREPARE GASKET SURFACES & REINSTALL MIXING ELBOW WITH NEW GASKET
TEST RUN ENGINE - FOUND ENGINE STILL OVERHEATING SLIGHTLY AFTER REPLACING WATER PUMP IMPELLER & EXHAUST SHUTTER
FOUND RESTRICTED WATER FLOW FROM WATER PUMP INLET HOSE
REMOVE STERN DRIVE & INSPECT TRANSOM WATER PICK UP HOSE WITH BORESCOPE
FOUND PICKUP HOSE RESTRICTED WITH MUSSELS
CLEAN DEBRIS FROM HOSE & REASSEMBLE WATER PICK UP
REINSTALL STERN DRIVE
TEST RUN ENGINE & CHECK FOR OVERHEATING - OK

Parts

Part #	Qty	Description	Price	Discount	Total

Part #	Qty	Description	Price	Discount	Total
807166A1	1.00	SHUTTER KIT (SINGLE)	$156.79	$0.00	$156.79
MISC0	1.00	270-10826 Corsa Diverter repair kit	$441.05	$0.00	$441.05
27-863724	2.00	GASKET	$27.99	$0.00	$55.98
				Parts Subtotal	**$653.82**

Labor

Description	Technician	Hours	Total
REMOVE & INSPECT CAPTAIN'S CALL	BRYSON EDSTRAND	1.89	$355.32
REPLACE EXHAUST SHUTTER VALVE	BRYSON EDSTRAND	1.75	$329.00
INSTALL NEW DIVERTER KIT	BRYSON EDSTRAND	3.5	$658.00
REMOVE WATER PICK UP FITTING & CLEAR HOSE IN TRANSOM	BRYSON EDSTRAND	2	$376.00
REMOVE & INSPECT MANIFOLDS & RISERS	BRYSON EDSTRAND	1.68	$315.84
		Labor Subtotal	**$2,034.16**

Job Subtotal **$2,687.98**

Approve: ☑ **Decline:** ☐

TUNE UP PORT ENGINE

Description:

Resolution: CHANGE ENGINE OIL & FILTER
CHANGE GEAR OIL
CHANGE FUEL FILTER
CHANGE SPARK PLUGS
CHANGE DISTRIBUTOR CAP & ROTOR
REPLACE HEAT EXCHANGER ANODE
REPLACE STERN DRIVE ANODES
REPLACE TRIM TAN ANODES
TEST RUN ENGINE - OK

Parts

Part #	Qty	Description	Price	Discount	Total
TR5	8.00	NGK SPARK PLUG	$6.38	$0.00	$51.04
35-802893T	1.00	MERC WATER SEPARATOR FUEL FILTER	$26.29	$0.00	$26.29
805759T3	1.00	MERC V8 DISTRIBUTOR CAP AND ROTOR KIT H.E.I.	$90.99	$0.00	$90.99
194-CME1	1.00	PENCIL ZINC	$9.86	$0.00	$9.86
92-858064KC1	3.00	HP GEAR LUBE (1L)	$31.99	$0.00	$95.97
26-8M0204693	2.00	DRAIN PLUG SEAL	$8.29	$0.00	$16.58
35-866340K01	1.00	MERCURY GM-V 8 SHORT OIL FILTER	$21.79	$0.00	$21.79
92-8M0078639	4.00	25W40 MERCURY 4 CYCLE ENGINE OIL (1L)	$17.29	$0.00	$69.16
194-CM762145A	1.00	AL FLAT TRIM TAB ANODE	$14.90	$0.00	$14.90
194-CM821630C2A	1.00	AL BRAVO CAV PLATE ANODE	$29.70	$0.00	$29.70
194-CM806190A	2.00	AL TRIM RAM ANODE	$21.83	$0.00	$43.66
R02AL	2.00	TRIM TAB ALUMINUM ANODE	$10.50	$0.00	$21.00
				Parts Subtotal	**$490.94**

Labor

Description	Technician	Hours	Total
TUNE UP ENGINE & CHECK STERN DRIVE ANODES	BRYSON EDSTRAND	2.5	$470.00
		Labor Subtotal	**$470.00**

Job Subtotal **$960.94**

Approve: ☑ **Decline:** ☐

Unit **2001 Mercruiser 5.0L - STBD** **Color:** **Keyboard:**

VIN/HIN/Serial No: 0L635605 **Plate:** BC7523806 **Odom/Hrs In:** 0 **Out:** 780

CHECK STB ENGINE FOR BEEPING

Description: SOLID BEEP FOR ABOUT 5 MINUTES
GOES OFF PERIODICALLY & THIS IS SOMEHOW TIED TO THE STARBOARD ENGINE AS THE BEEP GOES OFF WHEN THE

Description: ENGINE IS SHUT DOWN

Resolution: CHECK STARBOARD ENGINE FOR ALARM COMING ON
FOUND GEAR OIL RESERVOIR EMPTY
TOP UP GEAR OIL RESERVOIR
CHECK FOR ALARM - OK

Parts

Part #	Qty	Description	Price	Discount	Total
92-858064KC1	2.00	HP GEAR LUBE (1L)	$31.99	$0.00	$63.98
				Parts Subtotal	**$63.98**

Labor

Description	Technician	Hours	Total
INSPECT FOR ALARM & FILL GEAR OIL RESERVOIR	BRYSON EDSTRAND	0.42	$78.96
		Labor Subtotal	**$78.96**

Job Subtotal **$142.94**

Approve: ☑ **Decline:** ☐

REPLACE DIVERTER KIT FOR CAPTAIN'S CALL ON STARBOARD ENGINE

Description: ADVISE CLIENT TO REPLACE DIVERTER KIT ON STARBOARD ENGINE CAPTAIN'S CALL BASED ON THE CONDITION OF THE PORT ENGINE

Resolution: REMOVE MIXING ELBOW ON STARBOARD ENGINE
INSPECT MANIFOLDS & RISERS - OK
INSPECT EXHAUST SHUTTER VALVE - OK
REMOVE CAPTAINS CALLS TO REPLACE DIVERTER KIT
INSTALL NEW DIVERTER REPAIR KIT COMPONENTS & REASSEMBLE CAPTAINS CALL
REINSTALL MIXING ELBOW WITH NEW GASKET
TEST RUN ENGINE - OK

Parts

Part #	Qty	Description	Price	Discount	Total
MISC1	1.00	270-10826 Corsa Diverter Repair kit	$441.05	$0.00	$441.05
27-863724	2.00	GASKET	$27.99	$0.00	$55.98
				Parts Subtotal	**$497.03**

Labor

Description	Technician	Hours	Total
REPLACE STB ENGINE DIVERTER KIT	BRYSON EDSTRAND	3.5	$658.00
INSPECT EXHAUST SHUTTER WHEN REMOVING CAPTAIN'S CALL	BRYSON EDSTRAND	0.5	$94.00
REPLACE ALL HOSE CLAMPS FOR EXHAUST SYSTEM	JOSH McLEOD	1.42	$266.96
REMOVE & INSPECT MANIFOLDS & RISERS	BRYSON EDSTRAND	1.68	$315.84
		Labor Subtotal	**$1,334.80**

Job Subtotal **$1,831.83**

Approve: ☑ **Decline:** ☐

WINTERIZE ENGINES

Description:

Resolution: WINTERIZE ENGINES TO PROTECT FROM FREEZING
WINTERIZE DOMESTIC WATER SYSTEM

Parts

Part #	Qty	Description	Price	Discount	Total
74-31200	6.00	WINTERSAFE -50 GALLON	$16.34	$0.00	$98.04
				Parts Subtotal	**$98.04**

Labor

Description	Technician	Hours	Total
WINTERIZE ENGINES	BRYSON EDSTRAND	1.5	$282.00
WINTERIZE DOMESTIC SYSTEM	GRAHAM GUNN	0.5	$94.00

Labor Subtotal	**$376.00**
Job Subtotal	**$474.04**

Approve: ☑ **Decline:** ☐

TUNE UP STARBOARD ENGINE

Description:

Resolution: CHANGE ENGINE OIL & FILTER
CHANGE GEAR OIL
CHANGE FUEL FILTER
CHANGE SPARK PLUGS
CHANGE DISTRIBUTOR CAP & ROTOR
REPLACE HEAT EXCHANGER ANODE
REPLACE STERN DRIVE ANODES
TEST RUN ENGINE - OK
LAUNCH BOAT & TRAVEL BACK TO SEWELL'S MARINA
FOUND SOLENOID FOR CAPTAIN'S CALL CLICKING WHILE UNDER LOAD
NEW CAPTAIN'S CALL SOLENOID REQUIRED FOR PORT ENGINE

Recommend: REPLACE PORT ENGINE CAPTAIN'S CALL SOLENOID (N/C TO BE REPLACED BY HSM)

Parts

Part #	Qty	Description	Price	Discount	Total
TR5	8.00	NGK SPARK PLUG	$6.38	$0.00	$51.04
35-802893T	1.00	MERC WATER SEPARATOR FUEL FILTER	$26.29	$0.00	$26.29
805759T3	1.00	MERC V8 DISTRIBUTOR CAP AND ROTOR KIT H.E.I.	$90.99	$0.00	$90.99
194-CME1	1.00	PENCIL ZINC	$9.86	$0.00	$9.86
92-858064KC1	3.00	HP GEAR LUBE (1L)	$31.99	$0.00	$95.97
26-8M0204693	2.00	DRAIN PLUG SEAL	$8.29	$0.00	$16.58
35-866340K01	1.00	MERCURY GM-V 8 SHORT OIL FILTER	$21.79	$0.00	$21.79
92-8M0078639	4.00	25W40 MERCURY 4 CYCLE ENGINE OIL (1L)	$17.29	$0.00	$69.16
194-CM762145A	1.00	AL FLAT TRIM TAB ANODE	$14.90	$0.00	$14.90
194-CM806190A	2.00	AL TRIM RAM ANODE	$21.83	$0.00	$43.66
194-CM821630C2A	1.00	AL BRAVO CAV PLATE ANODE	$29.70	$0.00	$29.70
520040-1	1.00	GARBOARD DRAIN PLUG BRONZE COMPLETE SET	$25.54	$0.00	$25.54
MISC0	2.00	LBM LIFT IN/OUT	$100.00	$0.00	$200.00
			Parts Subtotal		**$695.48**

Labor

Description	Technician	Hours	Total
TUNE UP ENGINE & CHECK STERN DRIVE ANODES	BRYSON EDSTRAND	2.5	$470.00
POWER-WASH TRANSOM	BRYSON EDSTRAND	1	$188.00
SEA TRIAL & RETURN BOAT TO SEWELL'S MARINA	BRYSON EDSTRAND	1.94	$364.72
		Labor Subtotal	**$1,022.72**

Job Subtotal	**$1,718.20**

Approve: ☑ **Decline:** ☐

All Jobs Subtotal:	**$9,151.03**
Shop Supplies:	**$35.00**
Freight:	**$58.63**
PST - 7.00%:	**$647.13**
GST - 5.00%:	**$462.24**
Total:	**$10,354.03**
Less Deposits:	**$0.00**
Total Due:	**$10,354.03**