Invoice Date 10/30/2020

Page 1 of 4

Extended Price

Jobsite:

Account Number		Invoice Number		Customer PO	Division	Division	
	4337330	INV4170	98		TK		
Docum	ent Number	Paymen	t Terms	Service Call Date	Service Writer		
SC4338	877	CHARGE-	15th Day of Following Month	10/13/2020	1000	MARINE TO SELECT	
Make	Model			Customer Equipment Number	Equipment Number	Last Meter	
AA	3406B		3ZJ31093		EQN133836	1527719	

Workscope

Troubleshoot - Engine Miss

Customer complaint:

Complaint of engine miss.

Resultant damage:

Cause of failure:

Repair process comments:

6 1H1023

Diagnose engine miss sounded like numbers 5 and 6 injectors. Customer opted for replacing all injectors. Removed intake air tubing and valve covers and jakes. Removed injector cross tubes and injectors. Cleaned and replaced all injectors, installed new o-rings and reinstall jakes. Adjusted overhead with jakes. Reassembled valve covers and air tubing. Started and ran. Engine miss still there checked fuel at pump found number six weak and five was only a little better one through four would squirt a little. Timing advance had some wear and was removed and repaired and reinstalled and had problem pinning injection pump. Injection pump was removed. Had to remove air compressor and fuel lines. Repaired injection pump pin problem and reinstalled and timed and hooked up fuel lines and air compressor. Set engine idle speed to 700 rpm. Test drove Jakes and cruise work.

0	111023	11110
6	0R4337	NOZZLE AS
6	0R4337CC	NOZZLE AS-CoreChg
-6	0R4337	NOZZLE AS
-6	0R4337CC	NOZZLE AS-CoreChg
6	20R5169	Nozzle As Di
6	20R5169CC	Nozzle As Di-Core Chg
2	1H1023	RING
-1	20R5169WC	Nozzle As Di-CoreChg
-1	20R5169WC	Nozzle As Di-CoreChg
-1	20R5169WC	Nozzle As Di-CoreChg
-1	20R5169WC	Nozzle As Di-CoreChg
-1	20R5169WC	Nozzle As Di-CoreChg
-1	20R5169WC	Nozzle As Di-CoreChg
1	4P3337	RACE
1	4P7690	RACE FLYWGT
1	0093101	RING-SNAP
2	4W2754	SEAL
1	9X7715	SEAL LOBED
4	8C9034	BOLT
1	4P7690	RACE FLYWGT
1	2W0459	GASKET
2	9Y7450	RETAINER
2	1338890	RACE
1	1389507	SEAL
	1440478	GASKET
1	1440479	GASKET

RING

Invoice Date 10/30/2020 Page 2 of 4

COODE			
kscop			Extended Price
1	1440480	GASKET	
1	1440481	GASKET	
1	1961804	SEAL-O-RING	
2	1H9696	RING	
1	1J9671	SEAL O RING	
1	2D6392	SEAL O RING	
1	2M7819	RING	
1	2N3350	SEAL-O-RING	
1	3170808	SEAL-O-RING	
1	3S8022	BEARING	
1	4J7533	SEAL O RING	
1	4J8997	SEAL O RING	
1	4N0260	SEAL	
1	4N0432	BEARING	
1	4N2953	LOCK-RING	
1	4N9019	DOWEL	
1	5P5846	SEAL O RING	
1	5P6620	SEAL O RING	
1	611564	DIAPHRAGM	A STATE OF STATE OF STATE OF
	6V3319	SEAL O RING	
1	6V5029	SEAL	
6	7E9907	SPACER	
1	7J0204	SEAL O RING	
2	7J0204	SEAL O RING	
1	7L3326	BEARING	
1	7M7219	BEARING	
2	7N8821	RING	
2	8E5237	RACE	
6	8H9204	WASHER	
1	8M8515	SEAL O RING SHAFT	
1	8N2510 8N5763	SEAL	
1	8N6680	SCREEN A	
4	8S7803	RETAINER	
2	9N1545	RACE	
1	9\$8001	PLUG	
1	9\$8003	PLUG	
	9S8007	PLUG	
4	9Y7037	BOLT	-
	1313719	SEAL-O-RING	
1	1440482	GASKET	
1	4N8445	BOLT	
1	4M8303	SEAL O RING	
	1137794	BUSHING	
	612002	GASKET	
	3J1907	SEAL	
1	6L1883	GASKET	
1	1293948	GASKET	
1	MTK4988280	GASKET	
1	1Y0684	HOSE A	
1	1N3523	HOSE A	

Labor

Flat Rate Labor

Invoice Date 10/30/2020 Page 3 of 4

Total Segment Parts
Total Segment Labor
Total Segment Miscellaneous

Segment Total

Segment Total

6,632.28

Replace - motor mounts

Customer complaint:

Replace rear motor mounts.

Resultant damage:

Cause of failure:

Repair process comments:

Remove intake air tubing and remove exhaust pipe from turbo. Loosen bolts for motor mounts and remove bolts. Jack up rear of engine and work out the old bushings, the bushings on the driver's side could not be reached without taking off air dryer and king cruise module in order to get to the bolts and bushings. Had to remove one starter bolt for more access as well. Also had to heat up one nut to remove bolt from drivers side. After removing old bushings, cleaned away dirt and debris to install new bushings. Used engine to install new bushings. Jacked up and started bolts and let back down after getting started. Installed nuts and washers and tighten down. Reinstalled air dryer and king cruise module, and exhaust pipe and intake air tubing and starter bolt.

Parts

4	FLEPL1070	KW / PETE MOTOR MO
8	5P8247	WASHER
4	3E9861	LOCKNUT
4	1D4586	CAP SCREW

Labor

Flat Rate Labor

Invoice Date 10/30/2020 Page 4 of 4

Total Segment Parts
Total Segment Labor
Total Segment Miscellaneous

Segment Total 968.60

Total Invoice Parts

Total Invoice Parts
Total Invoice Labor
Total Invoice Miscellaneous
Total Tax

0

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Account Number	Invoice Number	Invoice Date
	INV417098	10/30/2020

Please Pay This Amount:

\$7,686.18

Claims for shortages or damages must be made within 5 days of receipt of invoice.

Approved returns subject to restock/handling charges.

No service adjustment unless . is notified

is notified, in writing, within 30 days.

For billing inquiries please call:

TOTALS

Remit To:

Grand Total 7,243.00 USD

Accoun	t Number	Invoice I	Number	Customer PO	100	Division	
1		INV5542	205			TK	
Docum	ent Number	Paymen	t Terms	Service Call Date	TI VIII	Service Writer	MARKET THE RESERVE
SC537	145	CHARGE-	15th Day of Following Month	04/13/2022			
Make	Model	ST HORES	Serial Number	Customer Equipment Number	Equ	ipment Number	Last Meter
AA	3406B		3ZJ31093		EQ	N133836	1,545,757.00

Workscope Extended Price

Overhaul - Engine

Customer complaint:

out of frame overhaul.

Resultant damage:

Cause of failure:

out of frame overhaul.

Repair process comments:

unhooked all wiring, bolts, radiator, shift tower and drive line then removed engine and trans together, pulled apart radiator to send in and record, tested charge air cooler found ok, removed trans from engine, found clutch needs replaced and clutch arm bushings are damaged and needs new flywheel, placed engine on blocks and removed all parts down to bare block, cleaned up block real good placed on pallet and wrapped and tied down to pallet to get sent off to shave top of block, while block was gone installed new input shaft kit for trans with all bushings and bearings for new shaft, new clutch was ordered, whon block was returned it was cleaned up again and counter bored shaved block, cut all bores to spec, then cleaned up block for shavings from counter bore, cleaned up all oil galleys and blew out with shop air. Started cleaning up all parts going back on engine that were very oily and dirty, started installing all parts with some new bolts, washers, hoses and fittings that was broke coming apart, installed new cylinder packs with shims for counter bore cleaned up top of block and installed new for the part of th

Parts

1.00	10R0482	PUMP GP WTR
1.00	10R0482CC	PUMP GP WTR-CoreChg
6.00	20R5169	Nozzle As Di
6.00	20R5169CC	Nozzle As Di-Core Chg
1.00	0R5601	CORE A REM
1.00	1R0716	FILTER A
1.00	1R0749	FILTER AS FU
1.00	2477133	REGULATOR-TE
12.00	2N2766	LOCK NUT
13.00	2S3770	SPACER
23.00	4S6137	STUD
12.00	5F4899	CAP SCREW
25.00	5M2894	WASHER
1.00	0R5601CC	CORE A REM-CoreChg
6.00	3285573	BEARING-ROD
7.00	3178766	BEARING - MA
2.00	2531752	PLATE-THRUST

Continued on back

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Page 2 of 6

Workscope			Extended Price
1.00	1663650	TUBE AS-OIL	
	1118606	BOLT OIL	
	1002937	KIT GASKET	
	1241855	BOLT 12PT	
	2341874	KIT-GASKET-F	
	0R9449	PUMP GP OIL	
	0R9449CC	PUMP GP OIL-CoreChg	
	0R3719	CYL HEAD G	
1.00	0R3719CC	CYL HEAD G-CoreChg	
6.00	10R3787	CYL PACK	
5.00	10R3787CC	CYL PACK-CoreChg	
1.00	1104899	GASKET KIT	
1.00	5534060	Kit-Gasket (
18.00	9Y3368	INSERT LR	
30.00	2760747	CAP PLUG	
20.00	9U7071	CAP PLUG	
4.00	9U7087	CAP PLUG	
4.00	2760754	CAP/PLUG	
4.00	9U7081	CAP PLUG	
4.00	9U7082	CAP PLUG	
4.00	9U7080	CAP PLUG	
2.00	6078033	Shop Towels	
	3079919	ABSORBENT PA	
14.00	1U7427	COVER ENGINE	
1.00	6V4186	PIN	
1.00	MTKKT59-62003-HT	ENGINE MOUNT KIT W/HARDWARE	
	FLEMM75-62001	MOTOR MOUNT KIT PETE	
1.00	LOC1865406	SOLVO RUST	
1.00	1653934	BOLT-HEX HEA	
	2147568	SEAL-O RING	
1.00	8T2161	ELBOW	
	1293948	GASKET	
	1090077	SEAL O RING	
	4N0699	GASKET	
	1007399	PLUG	
2.00	2500466	SEAL-O-RING	
	1A1460	CAPSCREW	
	1653931	BOLT-HEX HEA	
	1653929	BOLT-HEX HEA	
	3G2292	BOLT	
	1261756	LOCKING BOLT	
	3E6772	SEAL	
	1135304	SEAL OF BING	
	2S2251	SEAL-O-RING	
	1N3523	HOSE A	
	4J8997	SEAL O RING	
	1S4810	GASKET SPRING-GUIDE	
	3056843		
	7E6508	CAP A TUBE ASSY-JE	
	7W4990		
	612981	PLATE TEE	
	1Y0413	SEAL GP-CSHF	
	1425868		
	4N4935	HOSE A HOSE A	
	4P2446	BEARING	
	4N0685	BEARING	
2.00	4N6658	DEATHING	

Continued on next page

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Workscope			Extended Price
10.00	1384529	BRISTLE DISC	
8.00	5P4255	BOLT	
1.00	MSC105	LUBRIPLATE	
1.00	1555619	GASKET-FLYWH	
1.00	1317123	BEARING	
1.00	8N8258	BEARING	
9.00	2M0849	WASHER	
4.00	1653932	BOLT-HEX HEA	
	3B4507	LOCKWASHER	
	0L1352	CAP SCREW	
	1U5519	PAD-DISC	
	1425867	SEAL GP-CSHF	
	8S2332	BOLT	
	3B4510	LOCKWASHER	
	4P2383	ADAPTER	
	1185068	SEAL O RING	
	0309621	SCREW	
	1901669	HOSE A	
	FLEBP103-2	FM COUPLING 1/8	
	3B8822	ELBOW	
	3B8489	FITTING	
	9S8007	PLUG	
	7J0204	SEAL O RING	
	1J9671	SEAL O RING	
	9\$8003	PLUG	
	1H9696	RING	
	9S8001	PLUG	
	4J7533	SEAL O RING	
	3J7354	SEAL O RING	
	2N3350	SEAL-O-RING	
	5P5846	SEAL O RING	
	6V3319	SEAL O RING	
	0R7202	TURBO GP	
	0R7202CC	TURBO GP-CoreChg CAP SCREW	
	8F6419	BOLT	
	2H3750	STUD	
	7C0047	CONNECTOR-SP	
	1460763	AIR TO AIR BUSHING	
	MTKCB1120-3 20R1828	LIFTER AS V	
		LIFTER AS V-CoreChg	
	20R1828CC 0R3780	ROD A	
	0R3780CC	ROD A-CoreChg	
	1445902	RING	
	1609874	GASKET KIT	
	2380294	RING-PISTON-	
	1343761	RING	
	9Y4104	HOSE	
	8T4983	CLAMP	
	4N1156	GASKET	
	4N1650	DOWEL	
	1011816	BRIDGE AS	
	0067403	RETAINER	
	2N7228	WASHER	
	2N7229	SPRING	
	1085603	SCREW	
	9L7712	NUT	
12.00			

Continued on back

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orkscope	Pro Charles Art 20		Extended Price
2.00	0L1022	PLUG	
	4N0839	SHAFT A	
	2N5842	SCREW	
	6l3554	PIN-DOWEL	
	4N5614	ARM A	
	20R6263	Arm As-V Roc	
	20R6263CC		
		20R6263-CoreChg	
	7C0048	BRIDGE	
	7C0031	SEAL-O-RING	
	10R3787WC	CYL PACK-CoreChg	
	0R3719WC	CYL HEAD G-CoreChg	
	1061792	STUD TAPER	
	MTK4988280	GASKET	
	5P5678	M SEAL STK	
	9L8925	BOLT	
18.00	5P4116	WASHER	
1.00	2N8630	GASKET	
1.00	8M0755	ADAPTER	
1.00	9Y5281	HOSE	
2.00	9M2904	CLAMP	
13.00	MTKFLF/FRE5515-300A	IN HOSE-SIL 3"	
8.00	1440367	CLAMP	
12.00	MTKFLF/FRE5515-250A	IN HOSE-SIL 2.5"	
4.00	8T4984	CLAMP	
3.00	1653928	BOLT-HEX HEA	
40.00	2P3205	BOLT	
2.00	FLE35-P-15-1	8 BOLT GASKET .010	
	MTK13MK5709A	8 BOLT .020 GASKET	
	MTK13T64246	SHIFT COVER GASKET PTO	
	WAYLCN1000	1"ID LOOM-FT	
	6K0806	TIE	
	7K1181	TIE	
	5417139	Hose Bk	
	0016285	COUPLING	
		Make Hose Fee - Low/Med	
2.00			
	2N2765	BOLT	
	FLE9206H	3/8 CLAMP SILICONE	
	FLE9216H	CLAMPS MIN 13/16 M	
	MTKGT3230-3/8	FT 3/8" HEATER HOSE SILICONE	
	MTKGT3230-1	FT 1" HEATER HOSE SILICONE	
	FLE6.5-70-18X	U-JOINT STRAP KIT	
	2201206	HOSE AS	
3.00	MTK85003	5/32 X 1/8 90D ELB	
	1S6595	GASKET	
2.00	NAP6844	AIR FILTER	
47.00	CTO5153957	CAT DEO ULS 15W-40 CK4 BULK	
1.00	3237347	SEAL-O-RING	
1.00	0617539	SEAL.	
1.00	4355142	FILTER-COOLA	
2.00	MTK1126	RADIATOR BUSHING	
2.00	5H7704	SEAL	
	FLETLC500S	5 STAINLESS LAP JO	
1.00	1265027	CAP AS	
	DONP614223	AIR PANEL	
	1754390	BATTERY	
4.00			
	MTK8200308	STARTER DELCO REMY	

Continued on next page

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orkscope	WILL BALL ST			Extended Pr
0.00	ATT/DOCOCTDA	DETAINING BING		
	MTKP062STPA	RETAINING RING		
14.00	2388648	CAT ELC		
	5900196	Paint-Yellow		
	0R3780WC	ROD A-CoreChg		
	0R5601WC	CORE A REM-CoreChg		
	0R7202WC	TURBO GP-CoreChg		
	0R9449WC	PUMP GP OIL-CoreChg		
	10R0482WC	PUMP GP WTR-CoreChg		
	20R5169WC	Nozzle As Di-CoreChg		
	20R1828WC	LIFTER AS V-CoreChg		
	20R6263WC	20R6263-CoreChg		
	4B9365	BOLT		
	0S1615	CAP SCREW		
	0R3008	PUMP G		
	0R3008CC	PUMP G-CoreChg		
	2147566	SEAL-O-RING		
-1.00	0R3008WC	PUMP G-CoreChg		
abor				
		Flat Rate Labor		
Miscellar	neous			
1.00	OSL	RECORE RADIATOR 4 ROW		
		2 YR WARRANTY MACHINE BLOCK AND POSLISH CRANK		
1.00	OSL	MACHINE BLOCK AND POSLISH CHANK		
Miscellar	neous			
1.00		FRT		
-1.00		PRT_DISC		
			Total Segment Parts	
			Total Segment Labor	
			Total Segment Miscellaneous	

Replace - Engine & Flywheel Clutch

1.00 FLES19133

Parts

FLYWHEEL AS 1.00 10R2356 FLYWHEEL AS-CoreChg 1.00 10R2356CC 1.00 MTKFUL/K2468 CLUTCH INSTAL KIT 1.00 MTKSP/108391-74AM CLUTCH 1650 FT LBS 15.5 IN. 1.00 MTK06-00530 CLUTCH SHAFT 9.625 PB XSHAFT

Continued on back

Invoice Date 12/20/2022

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Workscope Extended Price

 3.00
 MTK85003
 5/32 X 1/8 90D ELB

 4.00
 MTK1126
 RADIATOR BUSHING

 1.00
 MTKRTLO14613BWEL
 TRANSMISSION

 1.00
 MTKRTLO14613BWELCC
 TRANSMISSION-CoreChg

1.00 FLE4308226 GASKET, CLUTCH HOUSING
-1.00 10R2356WC FLYWHEEL AS-CoreChg
1.00 MTK06-00984 END-TIE ROD, MALE THREAD
1.00 MTKJ21270-14 END-ELASTOMERIC ROD

-1.00 MTKRTLO14613BWELWC TRANSMISSION-WormCor

Miscellaneous

1.00 OSP OIL STUD FROM PAC BRAKE

Miscellaneous

-1.00 PRT_DISC

Total Segment Parts Total Segment Labor Total Segment Miscellaneous

Segment Total 5,524.56

Total Invoice Parts
Total Invoice Labor
Total Invoice Miscellaneous
Total Tax



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Account Number	Invoice Number	Invoice Date	SVAT
	INV554205	12/20/2022	

Please Pay This Amount:

\$54,379.40



Invoice Date 12/20/2022

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Accoun	t Number	Invoice I	Number	Customer PO	Division	TO MAKE PHIS OF W
		INV5542	212		TK	
Docum	ent Number	Paymen	t Terms	Service Call Date	Service Writer	THE RESERVE
SC537	145			04/13/2022		
Make	Model		Serial Number	Customer Equipment Number	Equipment Number	Last Meter
AA	3406B		3ZJ31093		EQN133836	1,545,757.00

Workscope	Extended Price
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Warranty - Transmission

Labor

Flat Rate Labor

Total Segment Parts
Total Segment Labor
Total Segment Miscellaneous

Segment Total 1,106.00

Total Invoice Parts
Total Invoice Labor
Total Invoice Miscellaneous
Total Tax

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Account Number	Invoice Number	Invoice Date	
	INV554212	12/20/2022	

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\$1,106.00