



Work Order: 10003

EBID-115

Description: 350 Hour Service and Repair Leaks	4813 Hours	Date Started: 2018-01-03
Equipment: E480 Hitachi ZX470LC-5 Excavator	RD-2017-393 Insheet	
Serial#: HCMJAA70E00030093		

Segment: 1 Parts

1-8981732480 Belt

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
17	02/01/18	EMParts	4487682 Grease Seal-Split(400 Series)		EA	1.000	63.24	63.24
31	01/03/18	EMParts	FYA00005153 Cover-Cab		EA	1.000	48.67	48.67
168	02/12/18	EMParts	50/50 Rad-Cool Antifreeze		EA	2.000	5.00	10.00
169	02/12/18	EMParts	5W40 Spectra 5W40		I	48.000	5.20	249.60
170	02/12/18	EMParts	75W90 Certop SN 75W90 Gear Lube		EA	2.000	9.46	18.92
171	02/12/18	EMParts	H3-24V-70W H3 24V 70W Halogen Bulb		EA	1.000	3.58	3.58
636	01/22/18	EMParts	4196260 "Seal-Coupling 48mm(1-1/2""P)"		EA	2.000	14.77	29.54
637	01/22/18	EMParts	4196259 "Seal-Coupling 42mm(1-1/4""P)"		EA	2.000	14.59	29.18
638	01/22/18	EMParts	CH14701 Seal-O-Ring		EA	1.000	5.40	5.40
761	01/26/18	EMParts	4189838 Shim-100mm Id x 2.3mm Thk		EA	1.000	32.39	32.39
762	01/26/18	EMParts	4189839 Shim-100mm Id x 1.2mm Thk		EA	2.000	27.15	54.30
763	01/26/18	EMParts	4196259 "Seal-Coupling 42mm(1-1/4""P)"		EA	2.000	14.59	29.18
764	01/26/18	EMParts	4196260 "Seal-Coupling 48mm(1-1/2""P)"		EA	2.000	14.77	29.54
765	01/26/18	EMParts	4632689 Filter-Cab Air 4S00686		EA	1.000	81.78	81.78
766	01/26/18	EMParts	4676385 Fuel / Water Separator		EA	2.000	55.92	111.84
767	01/26/18	EMParts	8981430410 Filter-Fuel		EA	2.000	61.43	122.86
768	01/26/18	EMParts	CH14701 Seal-O-Ring		EA	1.000	4.75	4.75
769	01/26/18	EMParts	FYA00001490 Filter-Cab Air		EA	1.000	39.94	39.94
771	01/26/18	EMParts	P550596 Filter-Oil		EA	2.000	30.86	61.72
772	01/26/18	EMParts	P777868 Filter-Air Primary		EA	1.000	118.71	118.71
794	01/29/18	EMParts	1AA6FJ6 #6 JIC Female Crimp Fitting #6		EA	2.000	9.21	18.42
812	01/31/18	EMParts	4414476 Cap-Coolant W/O Tube		EA	1.000	30.35	30.35
815	01/31/18	EMParts	4196261 Seal-Coupling		EA	2.000	29.74	59.48

Labour Total	0.00
Parts Total	1,253.39
Miscellaneous Total	0.00

Segment: 2 Insheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
172	02/12/18	EMTime	Employee: 1577 Dylan Grant		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Wash and Clean Cab



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Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
173	02/12/18	EMTime	Employee: 1074 Jack Loughheed		HRS	11.500		

Labour Total	11.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Replace Seals on Hydraulic Cooler Elbow Tube

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
174	02/12/18	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Replace Seals on Control valve to Cooler Tube

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
175	02/12/18	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 Replace Pilot Pump Inlet Seals

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
176	02/12/18	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 Repair Pilot Hose

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
177	02/12/18	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		



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Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 8 Replace O-Ring in Stick Hose

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
178	02/12/18	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 9 Replace Aux. Line Clamp

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
179	02/12/18	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 10 350 Hour Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
180	02/12/18	EMTime	Employee: 1577 Dylan Grant		HRS	4.000		

Labour Total	4.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 11 Install Plastic cover on the Back of Cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
181	02/12/18	EMTime	Employee: 1577 Dylan Grant		HRS	0.000		

Labour Total	0.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 12 Shim Quick Attach



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Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
182	02/12/18	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 13 Replace Engine Belt and install Panels

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
183	02/12/18	EMTime	Employee: 1266 Braden Bitzer		HRS	1.500		
186	02/12/18	EMTime	Employee: 2205 Alexander Zavadil		HRS	0.500		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 14 Outsheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
184	02/12/18	EMTime	Employee: 1266 Braden Bitzer		HRS	1.000		
187	02/12/18	EMTime	Employee: 2205 Alexander Zavadil		HRS	1.500		

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 15 Replace Bulb

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
185	02/12/18	EMTime	Employee: 2205 Alexander Zavadil		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	27.00
Parts Total	1,253.39
Miscellaneous Total	0.00



Work Order: 12174

Description: Inspections 4000 Hour Service and Repairs	GRO-8707/8709/8710/8712	Date Started: 2021-06-03
Equipment: E480 Hitachi ZX470LC-5 Excavator	GRO-8713/8714/8715/8716	
	GRO-8717/8718/8721/8722	
	GRO-8723/8724/8303/8307	
Serial#: HCMJAA70E00030093	GRO-8308/8309/8352/8354	
	GRO-8355/8356/8357/8358/8359/839	

4
5537 Hours
RD-2021-194 Insheet
RD-20210236 Outsheets

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
836	06/02/21	AP	Vendor: 10132 Gregg Distributors LP 017-229977 Line: 1	LS		0.000	0.00	23.25
837	06/21/21	AP	Vendor: 10338 Wajax Equipment 2021002003779 Line: 1	EA		1.000	127.34	127.34
838	06/21/21	AP	Vendor: 10338 Wajax Equipment 2021002003779 Line: 2	EA		1.000	69.73	69.73
839	06/23/21	AP	Vendor: 10338 Wajax Equipment 2021003900374 Line: 1	EA		-1.000	19.77	-19.77
840	06/29/21	AP	Vendor: 10338 Wajax Equipment 2021003900392 Line: 1	EA		-1.000	711.66	-711.66
853	07/28/21	AP	Vendor: 10338 Wajax Equipment 2021002005700 Line: 1	EA		4.000	16.62	66.48
854	07/28/21	AP	Vendor: 10338 Wajax Equipment 2021002005700 Line: 2	EA		2.000	18.20	36.40
862	06/23/21	AP	Vendor: 10132 Gregg Distributors LP 059-375181 Line: 1	LS		0.000	0.00	88.60
1434	06/30/21	AP	Vendor: 10338 Wajax Equipment 2021002004310 Line: 1	EA		1.000	711.66	711.66
1435	06/30/21	AP	Vendor: 10338 Wajax Equipment 2021002004310 Line: 2	EA		6.000	60.11	360.66
2035	06/07/21	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6198574.001 Line: 1	LS		0.000	0.00	60.12
2036	06/10/21	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6202509.001 Line: 1	LS		0.000	0.00	64.02
2037	06/15/21	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6206533.001 Line: 2	LS		0.000	0.00	623.28
2038	06/17/21	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6212074.001 Line: 1	LS		0.000	0.00	70.20
2061	07/30/21	AP	Vendor: 10132 Gregg Distributors LP 059-383692 Line: 1	EA		4.000	14.07	56.28
2062	07/30/21	AP	Vendor: 10132 Gregg Distributors LP 059-383692 Line: 2	LS		0.000	0.00	1.00
2146	02/27/23	AP	Vendor: 10401 RBC Avion Visa Feb 23_L Dahl Line: 19	EA		1.000	1,143.11	1,143.11
2228	07/27/21	AP	Vendor: 10401 RBC Avion Visa Jul 21_Lance Line: 1	LS		0.000	0.00	577.70
2	07/02/21	EMP	FYA00030889 Cover-Joy Stick R/H	EA		1.000	13.59	13.59
68	08/04/21	EMP	4487682 Grease Seal-Split(400 Series)	EA		2.000	67.20	134.40
69	08/04/21	EMP	P550251 Filter-Hydraulic	EA		2.000	28.68	57.36
70	08/04/21	EMP	P550252 Filter-Hydraulic	EA		2.000	29.68	59.36
71	06/08/21	EMP	4632689 Filter-Cab Air(4S00686)	EA		1.000	27.16	27.16
72	06/08/21	EMP	CH14701 Seal-O-Ring	EA		1.000	2.91	2.91
73	06/08/21	EMP	FYA00001490 Filter-Cab Air	EA		1.000	17.90	17.90
74	06/08/21	EMP	P777868 Filter-Air Primary	EA		1.000	49.00	49.00
128	08/06/21	EMP	5W40 Spectra 5W40	I		34.000	5.22	177.44
129	08/06/21	EMP	60/40 Rad-Cool Antifreeze	EA		120.000	5.74	689.29
130	08/06/21	EMP	75W90 Certop SN 75W90 Gear Lube	EA		8.200	9.48	77.73
131	08/06/21	EMP	Zink Free Multoil 5w20 Zink-Free Hydraul	EA		310.000	5.87	1,819.38
142	08/06/21	EMP	Dyed Diesel Dyed Diesel	EA		325.545	0.98	320.63
143	08/06/21	EMP	75W90 Certop SN 75W90 Gear Lube	EA		1.000	9.48	9.48
148	06/10/21	EMP	1096235650 Seal-O-Ring	EA		2.000	4.96	9.92
149	06/10/21	EMP	1111731180 Gasket-Valve Cover	EA		1.000	99.97	99.97
150	06/10/21	EMP	1117401811 Breather-CrankCase	EA		1.000	107.37	107.37
151	06/10/21	EMP	19M8208 Bolt-Socket Cap	EA		1.000	5.38	5.38
152	06/10/21	EMP	4153538 Seal-O-Ring	EA		1.000	10.55	10.55
153	06/10/21	EMP	4369925 Seal-O-Ring	EA		1.000	25.25	25.25
154	06/10/21	EMP	4419601 Indicator-Air Filter(W/2 Wires	EA		1.000	63.87	63.87
155	06/10/21	EMP	4653040 Seal Kit-Boom Cylinder	EA		2.000	743.50	1,487.00
156	06/10/21	EMP	4653042 Seal Kit-Bucket Cylinder	EA		1.000	610.31	610.31



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157	06/10/21	EMParts	8976038890	Gasket-EGR Cooler	EA	6.000	52.19	313.14
158	06/10/21	EMParts	8976067173	Cooler-EGR(AfterCooler)	EA	1.000	711.66	711.66
159	06/10/21	EMParts	8976067182	Cooler-EGR(AfterCooler)	EA	1.000	673.79	673.79
160	06/10/21	EMParts	8976067193	Cooler-EGR(AfterCooler)	EA	1.000	703.50	703.50
161	06/10/21	EMParts	8976067202	Cooler-EGR(AfterCooler)	EA	1.000	673.79	673.79
162	06/10/21	EMParts	9095652710	Seal-Elbow	EA	1.000	5.61	5.61
163	06/10/21	EMParts	AL153660	Wiper Blade-19.5" Steel Frame	EA	1.000	51.17	51.17
164	06/10/21	EMParts	AT264223	Seal-O-Ring	EA	1.000	19.77	19.77
165	06/10/21	EMParts	AT264348	Seal-O-Ring	EA	4.000	4.07	16.28
166	06/10/21	EMParts	CH16109	Seal-O-Ring	EA	1.000	7.02	7.02
167	06/10/21	EMParts	FXB00001399	Seal Kit-Fan Pump	EA	1.000	426.86	426.86
352	07/19/21	EMParts	1141491510	Ring	EA	2.000	21.48	42.96
353	07/19/21	EMParts	1141491840	Ring	EA	4.000	13.79	55.16
393	08/12/21	EMParts	0911801100	Nut	EA	1.000	0.43	0.43
394	07/20/21	EMParts	1094000720	Nut	EA	1.000	10.06	10.06
529	06/17/21	EMParts	4363399	Filter-Hydraulic	EA	1.000	40.66	40.66
530	06/17/21	EMParts	4630525	Filter-Hydraulic Pilot	EA	1.000	27.26	27.26
531	06/17/21	EMParts	4654745	Filter-Hydraulic Tank	EA	1.000	148.72	148.72
755	07/27/21	EMParts	8981637750	Hose Assembly-Crankcase Valve	EA	1.000	92.07	92.07
832	06/23/21	EMParts	AT318035	Seal-O-Ring	EA	1.000	1.87	1.87
990	02/27/23	EMParts	AT201578	Seal-Cylinder Pin	EA	2.000	41.60	83.20
1098	06/29/21	EMParts	1111290641	Sleeve-Injector	EA	6.000	59.77	358.62
1099	06/29/21	EMParts	1878141181	Gasket Kit-Head	EA	1.000	1,132.16	1,132.16
1100	06/29/21	EMParts	8972331260	Seal-O-Ring	EA	6.000	3.85	23.10
1379	06/30/21	EMParts	1090700600	Bolt-Head	EA	3.000	11.14	33.42
1380	06/30/21	EMParts	1090701601	Bolt-Head	EA	26.000	23.13	601.38
1381	06/30/21	EMParts	1093021590	Stud	EA	5.000	8.27	41.35
1382	06/30/21	EMParts	1093021760	Stud	EA	13.000	3.41	44.33
1383	06/30/21	EMParts	1096234310	Seal-O-Ring	EA	2.000	22.49	44.98
1384	06/30/21	EMParts	1137790110	Seal	EA	2.000	44.32	88.64
1385	06/30/21	EMParts	1156195070	Gasket	EA	2.000	3.31	6.62
1386	06/30/21	EMParts	8943913100	Gasket	EA	2.000	35.96	71.92
1387	06/30/21	EMParts	8976084230	Gasket	EA	2.000	36.35	72.70
1388	06/30/21	EMParts	8980043230	Gasket	EA	2.000	12.38	24.76
1389	06/30/21	EMParts	8980881010	Gasket	EA	4.000	8.45	33.80
1390	06/30/21	EMParts	8980890910	Gasket-Thermostat	EA	1.000	12.98	12.98
1391	06/30/21	EMParts	FYA00035135	Gasket	EA	2.000	65.68	131.36

Labour Total	0.00
Parts Total	16,121.29
Miscellaneous Total	0.00

Segment: 2 Insheet and Outsheet Inspections

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
31	06/02/21	PR	Employee: 2471 Greg Royer		HRS	1.500		
58	08/03/21	PR	Employee: 2611 Matthew Walter		HRS	5.000		

Labour Total	6.50
Parts Total	0.00
Miscellaneous Total	0.00



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Segment: 3 Wash and Clean Cab, remove decals, paint

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1193	07/26/21	PR	Employee: 2623 Brenton Woolman		HRS	2.000		
1194	07/27/21	PR	Employee: 2623 Brenton Woolman		HRS	7.500		
1195	07/28/21	PR	Employee: 2623 Brenton Woolman		HRS	6.500		
1196	07/29/21	PR	Employee: 2623 Brenton Woolman		HRS	7.000		
1197	07/30/21	PR	Employee: 2623 Brenton Woolman		HRS	4.000		
						Labour Total	27.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 4 T/S and Repair Leaks

Both Boom Cylinders Leaking.
 Bucket Cylinder Leaking and Chrome damage.
 Leak at Hydraulic pilot ball valve under stick.
 Multiple coupler clamps off hydraulic tank & suction leaking.
 Control Valve underside wet-Clean & Verify
 Fan pump leaking at mounting flange(Shaft seal)
 Fan suction coupler clamp leaking.
 Both side of attenuator fitting leaking.
 Pump case drain fitting leaking.
 Both swing motors cases low and grease in tub very runny.
 Coolant purge tank missing cap.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
123	06/04/21	PR	Employee: 2471 Greg Royer		HRS	4.500		
125	06/07/21	PR	Employee: 2471 Greg Royer		HRS	0.500		
128	06/08/21	PR	Employee: 2471 Greg Royer		HRS	3.500		
318	06/10/21	PR	Employee: 2471 Greg Royer		HRS	7.500		
319	06/11/21	PR	Employee: 2471 Greg Royer		HRS	9.500		
448	06/11/21	PR	Employee: 2471 Greg Royer		HRS	-9.500		
449	06/11/21	PR	Employee: 2471 Greg Royer		HRS	9.500		
535	03/06/23	PR	Employee: 1575 Paul Nixon		HRS	5.000		
729	06/14/21	PR	Employee: 2471 Greg Royer		HRS	8.500		
730	06/15/21	PR	Employee: 2471 Greg Royer		HRS	8.500		
731	06/16/21	PR	Employee: 2471 Greg Royer		HRS	1.000		
733	06/17/21	PR	Employee: 2471 Greg Royer		HRS	7.500		
735	06/18/21	PR	Employee: 2471 Greg Royer		HRS	7.500		
942	06/18/21	PR	Employee: 2471 Greg Royer		HRS	-7.500		
943	06/18/21	PR	Employee: 2471 Greg Royer		HRS	7.500		
1809	01/24/23	PR	Employee: 1575 Paul Nixon		HRS	3.500		
						Labour Total	67.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	



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Segment: 5 Check, Adjust, Replace Fluids and Filters

Air Filter very dirty.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
220	06/09/21	PR	Employee: 2471 Greg Royer		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 Repair Panels, lights, A/C and wipers

*Front wiper blade needs replacing.
Battery box light out.
Cat walk missing bolts.*

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
221	06/09/21	PR	Employee: 2471 Greg Royer		HRS	1.000		
737	06/21/21	PR	Employee: 2471 Greg Royer		HRS	1.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 Check, Adjust, T/S, Repair Tracks and Travel

*Left track needs adjusting.
Rollers very loud & squeaky-Check
Travel extremely jerky when turning.*

Segment: 8 T/S and Repair Over heating

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
122	06/03/21	PR	Employee: 2471 Greg Royer		HRS	5.000		
124	06/04/21	PR	Employee: 2471 Greg Royer		HRS	3.000		
126	06/07/21	PR	Employee: 2471 Greg Royer		HRS	6.000		
129	06/08/21	PR	Employee: 2471 Greg Royer		HRS	5.500		
222	06/09/21	PR	Employee: 2471 Greg Royer		HRS	7.500		
474	07/13/21	PR	Employee: 2471 Greg Royer		HRS	5.000		
475	07/14/21	PR	Employee: 2471 Greg Royer		HRS	6.500		
476	07/15/21	PR	Employee: 2471 Greg Royer		HRS	5.000		
477	07/19/21	PR	Employee: 2471 Greg Royer		HRS	11.500		
662	07/20/21	PR	Employee: 2471 Greg Royer		HRS	11.500		
664	07/21/21	PR	Employee: 2471 Greg Royer		HRS	9.000		
666	07/22/21	PR	Employee: 2471 Greg Royer		HRS	1.500		
736	06/18/21	PR	Employee: 2471 Greg Royer		HRS	1.000		
738	06/21/21	PR	Employee: 2471 Greg Royer		HRS	5.000		



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944	06/22/21	PR	Employee: 2471	Greg Royer	HRS	7.500
945	06/23/21	PR	Employee: 2471	Greg Royer	HRS	3.000
955	07/19/21	PR	Employee: 2471	Greg Royer	HRS	-11.500
956	07/19/21	PR	Employee: 2471	Greg Royer	HRS	11.500
957	07/20/21	PR	Employee: 2471	Greg Royer	HRS	-11.500
958	07/20/21	PR	Employee: 2471	Greg Royer	HRS	11.500
1062	06/24/21	PR	Employee: 2471	Greg Royer	HRS	9.500
1063	06/25/21	PR	Employee: 2471	Greg Royer	HRS	9.500
1281	06/25/21	PR	Employee: 2471	Greg Royer	HRS	-9.500
1282	06/25/21	PR	Employee: 2471	Greg Royer	HRS	9.500

Labour Total	112.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 9 Check functions

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
127	06/07/21	PR	Employee: 2471	Greg Royer	HRS	3.000		
130	06/08/21	PR	Employee: 2471	Greg Royer	HRS	0.500		

Labour Total	3.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 10 Replace Cutting Edge

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
663	07/21/21	PR	Employee: 2471	Greg Royer	HRS	1.500		
665	07/22/21	PR	Employee: 2471	Greg Royer	HRS	2.500		
728	06/14/21	PR	Employee: 2471	Greg Royer	HRS	1.000		
732	06/17/21	PR	Employee: 2471	Greg Royer	HRS	1.000		
734	06/18/21	PR	Employee: 2471	Greg Royer	HRS	1.000		
959	07/21/21	PR	Employee: 2471	Greg Royer	HRS	-1.500		
960	07/21/21	PR	Employee: 2471	Greg Royer	HRS	1.500		

Labour Total	7.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 11 Relocate PAS cable

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
219	06/09/21	PR	Employee: 2471	Greg Royer	HRS	0.500		



Work Order: 12174

317 06/10/21 PR Employee: 2471 Greg Royer HRS 2.000

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	228.50
Parts Total	16,121.29
Miscellaneous Total	0.00

Description: Inspections and Repairs Equipment: E480 Hitachi ZX470LC-5 Excavator Serial#: HCMJAA70E00030093	6080 Hours RD-2021-293 Insheet RD-2021-300 Outsheet EM-2021-108 Outsheet	Date Started: 2021-11-09
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Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1146	11/10/21	AP	Vendor: 10338 Wajax Equipment 2021002012560 Line: 1		EA	1.000	410.21	410.21
1147	11/10/21	AP	Vendor: 10338 Wajax Equipment 2021002012560 Line: 2		EA	4.000	9.45	37.80
391	12/16/21	EMParts	1554200 Cable-20' Positive Air Shut Of		EA	1.000	107.32	107.32
1166	11/30/21	EMParts	60/40 Rad-Cool Antifreeze		EA	2.000	5.60	11.20

Labour Total	0.00
Parts Total	566.53
Miscellaneous Total	0.00

Segment: 2 Insheet and Outsheet Inspections

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
426	11/10/21	PR	Employee: 2395 Nickolas Schou		HRS	3.500		
427	11/10/21	PR	Employee: 2471 Greg Royer		HRS	1.000		
818	11/16/21	PR	Employee: 2395 Nickolas Schou		HRS	2.000		
820	11/17/21	PR	Employee: 2395 Nickolas Schou		HRS	2.500		

Labour Total	9.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Replace Roller, Check and Adjust Tracks

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
430	11/12/21	PR	Employee: 2471 Greg Royer		HRS	3.500		



Work Order: 12574

Labour Total	3.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Check, Repair Pin and Bushings

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
428	11/10/21	PR	Employee: 2471 Greg Royer		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 T/S and Repair Leaks

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
429	11/10/21	PR	Employee: 2471 Greg Royer		HRS	2.000		
431	11/12/21	PR	Employee: 2471 Greg Royer		HRS	0.500		

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 T/S and Repair Codes

Segment: 7 Repair Panels and Doors

Segment: 8 Repair P.A.S.S.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
432	11/12/21	PR	Employee: 2471 Greg Royer		HRS	2.500		

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	19.50
Parts Total	566.53
Miscellaneous Total	0.00



Work Order: 12575

Description: Rental Return-Emsco	6080 Hours	Date Started: 2021-11-10
Equipment: E480 Hitachi ZX470LC-5 Excavator	RD-2021-293 Insheet RD-2021-300 Outsheet EM-2021-108 Outsheet	
Serial#: HCMJAA70E00030093		

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1153	11/30/21	EMParts	Dyed Diesel Dyed Diesel		EA	75.700	1.02	77.58
1154	11/30/21	EMParts	FYA00003014 Vent Louver-Round		EA	1.000	34.89	34.89
1155	11/30/21	EMParts	OMT Operators Manual		EA	1.000	117.49	117.49
						Labour Total	0.00	
						Parts Total	229.96	
						Miscellaneous Total	0.00	

Segment: 2 Wash and Clean Cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
817	11/15/21	PR	Employee: 2623 Brenton Woolman		HRS	10.500		
819	11/16/21	PR	Employee: 2623 Brenton Woolman		HRS	6.000		
821	11/17/21	PR	Employee: 2623 Brenton Woolman		HRS	1.500		
						Labour Total	18.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 3 Clean, Install Fuel strainer, Replace Vent and Op. Manual

Segment: 4 Remove Customer Decals

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
433	11/12/21	PR	Employee: 2471 Greg Royer		HRS	0.500		
						Labour Total	0.50	
						Parts Total	0.00	
						Miscellaneous Total	0.00	
						Labour Total	18.50	
						Parts Total	229.96	
						Miscellaneous Total	0.00	



Work Order: 12939

Description: Inspections and Repairs	6577 Hours	Date Started: 2022-03-25
Equipment: E480 Hitachi ZX470LC-5 Excavator	RD-2022-135 Insheet	
Serial#: HCMJAA70E00030093		

Segment: 1 Parts

Washer fluid- 5L

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1973	02/16/23	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6873529.001 Line: 1		EA	6.000	419.27	2,515.64
128	06/06/23	EMParts	4S00686 Filter-Cab Air (4632689)		EA	1.000	29.67	29.67
517	02/23/23	EMParts	AT301074 Back Up Alarm		EA	1.000	281.39	281.39
520	02/23/23	EMParts	4414476 Cap-Coolant W/O Tube		EA	1.000	39.63	39.63
532	07/25/23	EMParts	75W90 Certop SN 75W90 Gear Lube		EA	3.800	10.27	39.02
533	07/25/23	EMParts	Dyed Diesel Dyed Diesel		EA	34.069	1.22	41.50
534	07/25/23	EMParts	Zinc Free Multoil 5w20 Zink-Free Hydraul		EA	42.000	7.90	331.85

Labour Total 0.00

Parts Total 3,278.70

Miscellaneous Total 0.00

Segment: 2 Insheet and Outsheet Inspection

Replace outer cab air filter.

-Paul

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1956	03/25/22	PR	Employee: 2395 Nickolas Schou		HRS	3.000		
2497	05/05/23	PR	Employee: 3103 Dallas Wood		HRS	2.500		

Labour Total 5.50

Parts Total 0.00

Miscellaneous Total 0.00

Segment: 3 Wash, paint

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
653	04/13/22	PR	Employee: 2623 Brenton Woolman		HRS	5.500		
654	04/14/22	PR	Employee: 2623 Brenton Woolman		HRS	9.500		
1773	04/18/22	PR	Employee: 2623 Brenton Woolman		HRS	9.500		
1774	04/19/22	PR	Employee: 2623 Brenton Woolman		HRS	2.000		
2495	05/02/23	PR	Employee: 2623 Brenton Woolman		HRS	5.000		
2496	05/03/23	PR	Employee: 2623 Brenton Woolman		HRS	3.500		



Work Order: 12939

Labour Total	35.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 T/S and Repair leaks

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
768	02/14/23	PR	Employee: 3063 Jordan Yasinski		HRS	2.000		
769	02/15/23	PR	Employee: 3063 Jordan Yasinski		HRS	3.000		
772	02/16/23	PR	Employee: 3063 Jordan Yasinski		HRS	4.500		
774	02/17/23	PR	Employee: 3063 Jordan Yasinski		HRS	1.500		

Labour Total	11.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Repair Panels

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
770	02/15/23	PR	Employee: 3063 Jordan Yasinski		HRS	1.000		
773	02/16/23	PR	Employee: 3063 Jordan Yasinski		HRS	5.000		
2498	05/10/23	PR	Employee: 1575 Paul Nixon		HRS	0.500		

Labour Total	6.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 T/S and Repair codes

Segment: 7 Check and Adjust tracks

Segment: 8 Shim Arm to Q/A Pin

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
771	02/15/23	PR	Employee: 3063 Jordan Yasinski		HRS	5.500		

Labour Total	5.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 9 T/S electrical issues



Work Order: 12939

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
775	02/17/23	PR	Employee: 3063 Jordan Yasinski		HRS	3.500		

Labour Total	3.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	67.00
Parts Total	3,278.70
Miscellaneous Total	0.00

Description: Rental Return Emsco
Equipment: E480 Hitachi ZX470LC-5 Excavator
Serial#: HCMJAA70E00030093
 6577 Hours
 RD-2022-135 Insheet
Date Started: 2022-04-12

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
135	05/12/22	EMParts	4409396 Lock		EA	1.000	65.42	65.42
136	05/12/22	EMParts	4414476 Cap-Coolant W/O Tube		EA	1.000	33.91	33.91
137	05/12/22	EMParts	4461342 Clip		EA	1.000	4.68	4.68
138	05/12/22	EMParts	Dyed Diesel Dyed Diesel		EA	41.640	1.39	57.77

Labour Total	0.00
Parts Total	161.78
Miscellaneous Total	0.00

Segment: 2 Wash and clean cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1596	04/28/23	PR	Employee: 2623 Brenton Woolman		HRS	1.000		
2493	05/01/23	PR	Employee: 2623 Brenton Woolman		HRS	9.500		
2494	05/02/23	PR	Employee: 2623 Brenton Woolman		HRS	4.500		

Labour Total	15.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Straighten Cat Walk, Install Lock and Belly pan under Engine

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
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Work Order: 13009

767 02/14/23 PR Employee: 3063 Jordan Yasinski HRS 2.500

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Remove Customer Decals

Segment: 5 Install Battery Cover and Coolant Tank Cap

Replace battery cover handle lock.
Replace coolant reservoir cap.
-Paul

Labour Total	17.50
Parts Total	161.78
Miscellaneous Total	0.00

Description: Reg maintenance Equipment: E480 Hitachi ZX470LC-5 Excavator Serial#: HCMJAA70E00030093	Date Started: 2023-07-14
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Segment: 1 parts

Segment: 2 help with bucket pin shims

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
808	07/13/23	PR	Employee: 2024 Travis Schmidt		HRS	1.500		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Description: Service, install camera/radar Equipment: E480 Hitachi ZX470LC-5 Excavator Serial#: HCMJAA70E00030093	Date Started: 2023-07-17
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Work Order: 14213

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
500	07/24/23	EMParts	5W40 Spectra 5W40		I	40.000	7.52	300.67
501	07/24/23	EMParts	75W90 Certop SN 75W90 Gear Lube		EA	2.500	10.27	25.67

Labour Total	0.00
Parts Total	326.34
Miscellaneous Total	0.00

Segment: 2 350HR Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
809	07/13/23	PR	Employee: 3103 Dallas Wood		HRS	11.000		

Labour Total	11.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Install camera/radar

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
807	07/12/23	PR	Employee: 3103 Dallas Wood		HRS	5.000		

Labour Total	5.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Outsheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
810	07/14/23	PR	Employee: 3103 Dallas Wood		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 wash

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
806	07/10/23	PR	Employee: 22 Garrett Nelson		HRS	8.500		



Work Order: 14213

Labour Total	8.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	25.50
Parts Total	326.34
Miscellaneous Total	0.00

Description: Inspections and Repairs	6884 Hours	Date Started: 2023-09-27
Equipment: E480 Hitachi ZX470LC-5 Excavator	RD-2023-245 Insheet	
Serial#: HCMJAA70E00030093		

Segment: 1 Parts

1- 17kg pail Precision XL EP2 Grease \$226.61

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1054	06/27/25	AP	Vendor: 10401 RBC Avion Visa Jun 25/Lance Line: 25		EA	1.000	226.60	226.60
37	10/02/23	EMParts	449558 Washer-Sealing		EA	4.000	11.65	46.60
38	10/02/23	EMParts	4648439 Strut-Hood		EA	1.000	80.30	80.30
228	02/21/25	EMParts	4315323 Fuse-45 amp		EA	1.000	9.63	9.63
237	02/24/25	EMParts	4315323 Fuse-45 amp		EA	1.000	12.98	12.98
270	05/21/25	EMParts	449558 Washer-Sealing		EA	4.000	12.49	49.96
292	05/26/25	EMParts	1421340 Filter-Air Primary		EA	1.000	82.29	82.29
293	05/26/25	EMParts	4363399 Filter-Hydraulic		EA	1.000	67.82	67.82
294	05/26/25	EMParts	4487682 Grease Seal-Split(400 Series)		EA	1.000	0.00	0.00
295	05/26/25	EMParts	4604376 Seal Lip Type-Swing Drive		EA	1.000	488.39	488.39
296	05/26/25	EMParts	4632689 Filter-Cab Air(4S00686)		EA	1.000	62.95	62.95
297	05/26/25	EMParts	AT264339 Seal-O-Ring		EA	1.000	14.90	14.90
298	05/26/25	EMParts	AT301074 Back Up Alarm		EA	1.000	281.53	281.53
299	05/26/25	EMParts	FYA00001490 Filter-Cab Air		EA	1.000	27.62	27.62
300	05/26/25	EMParts	OS-4S00821 Oil-Seal		EA	1.000	0.00	0.00
439	02/26/25	EMParts	904D Battery-12v-4D		EA	2.000	325.46	650.92

Labour Total	0.00
Parts Total	2,102.49
Miscellaneous Total	0.00

Segment: 2 Inspections

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1479	09/27/23	PR	Employee: 1575 Paul Nixon		HRS	2.500		



Work Order: 14356

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Wash, Paint Track Frames

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
409	06/09/25	PR	Employee: 3087 Bogdan (Dan) Korchinskii		HRS	7.000		
410	06/10/25	PR	Employee: 3087 Bogdan (Dan) Korchinskii		HRS	8.000		
411	06/11/25	PR	Employee: 3087 Bogdan (Dan) Korchinskii		HRS	8.000		
412	06/12/25	PR	Employee: 3087 Bogdan (Dan) Korchinskii		HRS	1.500		

Labour Total	24.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Repair Leaks, change finals fluid

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
147	06/05/25	PR	Employee: 3108 Zachary Dean		HRS	2.000		
416	05/22/25	PR	Employee: 3108 Zachary Dean		HRS	9.500		
417	05/23/25	PR	Employee: 3108 Zachary Dean		HRS	9.500		
1137	05/26/25	PR	Employee: 3108 Zachary Dean		HRS	9.500		
1138	05/28/25	PR	Employee: 3103 Dallas Wood		HRS	1.500		
1139	05/28/25	PR	Employee: 3108 Zachary Dean		HRS	4.500		

Labour Total	36.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Repair Panels, hood

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
146	06/03/25	PR	Employee: 3108 Zachary Dean		HRS	1.000		
414	05/20/25	PR	Employee: 3108 Zachary Dean		HRS	5.000		
415	05/21/25	PR	Employee: 3108 Zachary Dean		HRS	9.500		

Labour Total	15.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 Shim Bucket pin



Work Order: 14356

Segment: 7 Check Batteries

Labour Total	79.00
Parts Total	2,102.49
Miscellaneous Total	0.00

Description: Rental Return-Legacy	6884 Hours	Date Started: 2023-09-27
Equipment: E480 Hitachi ZX470LC-5 Excavator	RD-2023-245 Insheet	
Serial#: HCMJAA70E00030093		

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
28	10/02/23	EMParts	BSBKT01 Mount-Radar Monitor		EA	1.000	16.36	16.36
29	10/02/23	EMParts	FYA00070858 Strainer-Fuel		EA	1.000	115.94	115.94
926	12/20/23	EMParts	Dyed Diesel Dyed Diesel		EA	83.658	1.54	128.92

Labour Total	0.00
Parts Total	261.22
Miscellaneous Total	0.00

Segment: 2 Wash and Clean Cab

Segment: 3 Repair Dent, adjust Tracks and Hydraulic fluid level

Labour Total	0.00
Parts Total	261.22
Miscellaneous Total	0.00

Description: Inspections and Repairs	3511 Hours	Date Started: 2018-02-23
Equipment: E480 Hitachi ZX470LC-5 Excavator	RD-2016-202 Insheet	
Serial#: HCMJAA70E00030093		

Segment: 1 parts

19 L x 75W-90
4 L x washer fluid

Segment: 2 change final oil and sample

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
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Work Order: Z10052

1654 02/23/18 EMTIME Employee: 1577 Dylan Grant

HRS 1.500

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Outsheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1655	02/23/18	EMTIME	Employee: 1577 Dylan Grant		HRS	1.500		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Insheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1656	02/23/18	EMTIME	Employee: 1577 Dylan Grant		HRS	1.500		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	4.50
Parts Total	0.00
Miscellaneous Total	0.00

Description: Inspections and Repairs	4562 Hours	Date Started: 2017-04-05
Equipment: E480 Hitachi ZX470LC-5 Excavator	RD-2017-185 Insheet	
Serial#: HCMJAA70E00030093		

Segment: 1 Parts and Service

29L-75W90
10L-Zink Free
3L-50/50

Segment: 2 Insheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
298	10/09/18	EMTIME	Employee: 1577 Dylan Grant		HRS	1.500		



Work Order: Z10093

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Replace Lock out lever on master Disconnect Switch

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
299	10/09/18	EMTime	Employee: 1575 Paul Nixon		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Replace F/E and Adjust Bracket

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
300	10/09/18	EMTime	Employee: 1575 Paul Nixon		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Replace upper Hyd. Tank Coupler Seals

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
301	10/09/18	EMTime	Employee: 1575 Paul Nixon		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 Top up Fluid

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
302	10/09/18	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 Outsheet Inspection



Work Order: Z10093

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
303	10/09/18	EMTime	Employee: 1577 Dylan Grant		HRS	2.000		

Labour Total	2.00
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Parts Total	0.00
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Miscellaneous Total	0.00
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Labour Total	6.00
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Parts Total	0.00
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Miscellaneous Total	0.00
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