



Work Order: 10044

EB10-213

Description: Change Batteries and try to Start Unit
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer
Serial#: 901582571151

Date Started: 2018-02-28

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
514	02/28/18	EMParts	1231PMF Battery-12v Group 31		EA	2.000	249.29	498.58
515	02/28/18	EMParts	83211512 Fuel/ Water Sperator		EA	1.000	119.90	119.90
516	02/28/18	EMParts	83211513 Filter-Fuel		EA	1.000	51.70	51.70

Labour Total	0.00
Parts Total	670.18
Miscellaneous Total	0.00

Segment: 2 Change Batteries

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
517	02/28/18	EMTime	Employee: 2205 Alexander Zavadil		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Change Fuel Filters

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
518	02/28/18	EMTime	Employee: 2205 Alexander Zavadil		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Heat Unit and Try to Start it

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
519	02/28/18	EMTime	Employee: 2205 Alexander Zavadil		HRS	4.500		

Labour Total	4.50
Parts Total	0.00
Miscellaneous Total	0.00



Work Order: 10044

Labour Total	6.00
Parts Total	670.18
Miscellaneous Total	0.00

Description: 1000 hour Service and Repairs	991 Hours	Date Started: 2018-07-25
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer	RD-2018-248 Insheet RD-2018-255 Outsheet	
Serial#: 901582571151		

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
74	08/10/18	EMParts	5W40 Spectra 5W40		I	12.000	5.15	61.85
75	08/10/18	EMParts	83211512 Fuel/ Water Separator		EA	1.000	119.90	119.90
76	08/10/18	EMParts	83211513 Filter-Fuel		EA	1.000	51.70	51.70
77	08/10/18	EMParts	938187 Filter-Oil		EA	1.000	37.37	37.37
78	08/10/18	EMParts	AT300487 Filter-Air Primary		EA	1.000	42.67	42.67
79	08/10/18	EMParts	AT314583 Filter-Air Secondary		EA	1.000	30.03	30.03
80	08/10/18	EMParts	P566212 Filter-Hydraulic		EA	1.000	106.00	106.00
81	08/10/18	EMParts	Zink Free Multoil 5w20 Zink-Free Hydraul		EA	54.000	5.46	294.84

Labour Total	0.00
Parts Total	744.36
Miscellaneous Total	0.00

Segment: 2 Insheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
82	08/10/18	EMTime	Employee: 2205 Alexander Zavadii		HRS	1.500		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Wash and Clean Cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
83	08/10/18	EMTime	Employee: 1074 Jack Loughheed		HRS	6.000		

Labour Total	6.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 1000 Hour Service



Work Order: 10155

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
84	08/10/18	EMTime	Employee: 2205 Alexander Zavadil		HRS	4.000		

Labour Total	4.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Drain Hydraulic Tank and Replace Suction Hose

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
85	08/10/18	EMTime	Employee: 2205 Alexander Zavadil		HRS	6.000		

Labour Total	6.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 R&R glue gauge back in place

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
86	08/10/18	EMTime	Employee: 2205 Alexander Zavadil		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 Adjust Scrapers

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
87	08/10/18	EMTime	Employee: 2205 Alexander Zavadil		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 8 Outsheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
88	08/10/18	EMTime	Employee: 1577 Dylan Grant		HRS	1.500		



Work Order: 10155

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	22.00
Parts Total	744.36
Miscellaneous Total	0.00

Description: Inspections and Repairs	1046 Hours	Date Started: 2019-01-14
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer	RD-2019-114 Insheet RD-2019-182 Outsheet	
Serial#: 901582571151		

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
312	05/16/19	EMParts	Zink Free Multoill 5w20 Zink-Free Hydraul		EA	54.000	5.46	294.84
313	05/16/19	EMParts	Dyed Diesel Dyed Diesel		EA	9.080	1.02	9.24
511	04/23/19	EMParts	05550335 Hose Assembly(111-16x93.75"OAL		EA	1.000	120.44	120.44
552	04/25/19	EMParts	BS8000 Radar		EA	1.000	1,759.16	1,759.16
743	01/31/19	EMParts	Dyed Diesel Dyed Diesel		EA	51.860	0.96	49.68

Labour Total	0.00
Parts Total	2,233.36
Miscellaneous Total	0.00

Segment: 2 Insheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
744	01/31/19	EMTime	Employee: 1575 Paul Nixon		HRS	1.500		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Wash and Clean Cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
320	05/16/19	EMTime	Employee: 1074 Jack Loughheed		HRS	6.500		

Labour Total	6.50
Parts Total	0.00
Miscellaneous Total	0.00



Work Order: 10336

Segment: 4 Drain Hydraulic Tank

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
319	05/16/19	EMTime	Employee: 2338 Nolan MacGregor		HRS	0.500		
						Labour Total		0.50
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 5 Replace Leaking Hose From Control Valve to Tank

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
318	05/16/19	EMTime	Employee: 2338 Nolan MacGregor		HRS	3.000		
						Labour Total		3.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 6 Replace Radar and Calibrate

Radar Sensor Damaged, reused Buzzer and Indicator in cab.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
317	05/16/19	EMTime	Employee: 1575 Paul Nixon		HRS	1.000		
						Labour Total		1.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 7 Top up Hydraulic Fluid

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
316	05/16/19	EMTime	Employee: 1575 Paul Nixon		HRS	0.500		
						Labour Total		0.50
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 8 Top up Washer Fluid and Free up Cab Door Latch

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
315	05/16/19	EMTime	Employee: 1575 Paul Nixon		HRS	0.500		



Work Order: 10336

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 9 Outsheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
314	05/16/19	EMTime	Employee: 2338 Nolan MacGregor		HRS	2.500		

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	16.00
Parts Total	2,233.36
Miscellaneous Total	0.00

Description: T/S poor heater function
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer
Serial# 901582571151
 1065 Hours
 GRO#9961
Date Started: 2019-11-07

Segment: 1 Parts and Service

Segment: 2 T/S poor heater function

Covered Radiator, made difference but not perfect.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
249	11/12/19	EMTime	Employee: 1577 Dylan Grant		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



Work Order: 11009

Description: Replace Radar and Vibe Switch 1144 HRS, GRO#5434/5437/5438 **Date Started:** 2020-04-21
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer
Serial#: 901582571151

Segment: 1 Parts and Service

1-BS8000 Radar (Used)
 2 x SAF-RBP - Fire Extinguisher Bracket Rubbers
 3L x Halvoline Green - Engine Coolant
 2L x Wiper Fluid

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1073	04/20/20	AP	Vendor: 10064 Comrades Parts & Accessories Ltd. 000-338861 Line: ft			2.000	2.48	4.96
1074	04/20/20	AP	Vendor: 10064 Comrades Parts & Accessories Ltd. 000-338861 Line: EA			1.000	10.15	10.15
1075	04/22/20	AP	Vendor: 10064 Comrades Parts & Accessories Ltd. 000-338988 Line: EA			1.000	3.00	3.00
3029	04/22/20	AP	Vendor: 10064 Comrades Parts & Accessories Ltd. 000-338972 Line: EA			1.000	139.70	139.70
3030	04/22/20	AP	Vendor: 10064 Comrades Parts & Accessories Ltd. 000-338972 Line: EA			1.000	27.00	27.00
3031	04/22/20	AP	Vendor: 10064 Comrades Parts & Accessories Ltd. 000-338972 Line: EA			2.000	0.06	0.12
1010	04/21/20	EMParts	05762241 Switch-Push Button		EA	1.000	57.09	57.09
1026	04/21/20	EMParts	05554567 Hose Assembly(114-10x13.75"OAL		EA	1.000	56.80	56.80
1087	04/22/20	EMParts	5W40 Spectra 5W40		I	3.000	5.20	15.60

Labour Total	0.00
Parts Total	314.42
Miscellaneous Total	0.00

Segment: 2 Diagnose and Repair fuel filter primer assembly

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1278	04/20/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
1279	04/20/20	PR	Employee: 2354 Alex Rempel		HRS	3.000		
2642	04/20/20	PR	Employee: 1266 Braden Bitzer		HRS	-1.000		
2643	04/20/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
2644	04/20/20	PR	Employee: 2354 Alex Rempel		HRS	-3.000		
2645	04/20/20	PR	Employee: 2354 Alex Rempel		HRS	3.000		

Labour Total	4.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Outsheet and checkover

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
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GCS Energy Services Ltd.

Work Order: 11009

1280	04/20/20	PR	Employee: 1266 Braden Bitzer	HRS	0.500
2646	04/20/20	PR	Employee: 1266 Braden Bitzer	HRS	-0.500
2647	04/20/20	PR	Employee: 1266 Braden Bitzer	HRS	0.500

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 replace door limiter strap

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1281	04/20/20	PR	Employee: 1266 Braden Bitzer		HRS	0.500		
2648	04/20/20	PR	Employee: 1266 Braden Bitzer		HRS	-0.500		
2649	04/20/20	PR	Employee: 1266 Braden Bitzer		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Replace inner door apanel and shock -used parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1282	04/21/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
2650	04/21/20	PR	Employee: 1266 Braden Bitzer		HRS	-1.000		
2651	04/21/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 R&R hydraulic hose

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1283	04/21/20	PR	Employee: 1266 Braden Bitzer		HRS	0.500		
1287	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
2652	04/21/20	PR	Employee: 1266 Braden Bitzer		HRS	-0.500		
2653	04/21/20	PR	Employee: 1266 Braden Bitzer		HRS	0.500		
2660	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	-1.000		
2661	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		



Work Order: 11009

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 R&R Back-up alarm radar box

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1284	04/21/20	PR	Employee: 1266 Braden Bitzer		HRS	0.500		
1288	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
2654	04/21/20	PR	Employee: 1266 Braden Bitzer		HRS	-0.500		
2655	04/21/20	PR	Employee: 1266 Braden Bitzer		HRS	0.500		
2662	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	-1.000		
2663	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 8 Outsheet and checkover

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1285	04/21/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
1289	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
2656	04/21/20	PR	Employee: 1266 Braden Bitzer		HRS	-1.000		
2657	04/21/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
2664	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	-1.000		
2665	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 9 R&R lower battery and positive cable end

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1290	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
2666	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	-1.000		
2667	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00



Work Order: 11009

Segment: 10 R&R Vibration switch

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1286	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
2658	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	-1.000		
2659	04/22/20	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
						Labour Total	1.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 11 wash

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1291	04/24/20	PR	Employee: 2392 Carmen Beck		HRS	2.500		
2668	04/24/20	PR	Employee: 2392 Carmen Beck		HRS	-2.500		
2669	04/24/20	PR	Employee: 2392 Carmen Beck		HRS	2.500		
						Labour Total	2.50	
						Parts Total	0.00	
						Miscellaneous Total	0.00	
						Labour Total	15.50	
						Parts Total	314.42	
						Miscellaneous Total	0.00	

Description: Replace Hood Handle	GRO-9240	Date Started: 2020-07-13
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer	1296 Hours	
Serial#: 901582571151		

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
532	07/13/20	EMParts	05932130 Handle-Rotating Hood		EA	1.000	198.13	198.13
533	07/13/20	EMParts	58070900 T-Bar		EA	1.000	37.46	37.46
						Labour Total	0.00	
						Parts Total	235.59	
						Miscellaneous Total	0.00	

Segment: 2 Replace Hood Handle



Work Order: 11297

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
2125	07/16/20	PR	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total 1.00

Parts Total 0.00

Miscellaneous Total 0.00

Labour Total 1.00

Parts Total 235.59

Miscellaneous Total 0.00

Description: 350 Hour Service	GRO-9243	Date Started: 2020-07-17
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer	1303 Hours	
Serial#: 901582571151		

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
782	08/17/20	EMParts	5W40 Spectra 5W40		I	12.000	5.21	62.56
1215	07/17/20	EMParts	83211512 Fuel/ Water Seperator		EA	1.000	119.90	119.90
1216	07/17/20	EMParts	83211513 Filter-Fuel		EA	1.000	51.70	51.70
1217	07/17/20	EMParts	938187 Filter-Oil		EA	1.000	37.37	37.37
1218	07/17/20	EMParts	AT300487 Filter-Air Primary		EA	1.000	42.50	42.50

Labour Total 0.00

Parts Total 314.03

Miscellaneous Total 0.00

Segment: 2 350 Hour Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
2126	07/20/20	PR	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total 1.00

Parts Total 0.00

Miscellaneous Total 0.00

Labour Total 1.00

Parts Total 314.03

Miscellaneous Total 0.00



Work Order: 11558

Description: Inspections and Repairs	GRO-8103-1400 Hours	Date Started: 2020-09-29
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer	GRO-8145-1401 Hours 1400 Hours	
Serial#: 901582571151	RD-2020-291 Insheet RD-2020-324 Outsheets	

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
17	10/01/20	AP	Vendor: 10132 Gregg Distributors LP 059-318441 Line: 1		EA	1.000	7.99	7.99
11	10/01/20	EMParts	05571509 Blade-Wiper		EA	1.000	101.82	101.82
12	10/01/20	EMParts	05576205 Vent-Round		EA	1.000	47.84	47.84
13	10/01/20	EMParts	05585770 Breather		EA	1.000	10.92	10.92
100	11/06/20	EMParts	06235360 Seal-V-Ring		EA	1.000	53.56	53.56
307	11/11/20	EMParts	Dyed Diesel Dyed Diesel		EA	37.850	0.75	28.42
472	10/19/20	EMParts	05554438 Hose Assembly(114-10x50.75"OAL		EA	1.000	190.37	190.37
475	10/20/20	EMParts	AT300487 Filter-Air Primary		EA	1.000	29.06	29.06

Labour Total	0.00
Parts Total	469.98
Miscellaneous Total	0.00

Segment: 2 Insheet Inspections

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
2480	09/29/20	PR	Employee: 2611 Matthew Walter		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Wash and Clean Cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
642	11/09/20	PR	Employee: 2395 Nickolas Schou		HRS	2.500		

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 T/S and Repair Leaks



GCS Energy Services Ltd.

Work Order: 11558

Hose Cracking going to R/H side drum motor.
 L/H side Drum/Motor mounts to drum (shaft seal leak)
 Hose's rubbing on cab articulation point.
 Hose leaking at accumulator under cab(O-Ring)
 Engine steering pump sweating.
 T/S wet under fuel tank.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
643	11/09/20	PR	Employee: 2395 Nickolas Schou		HRS	2.500		
758	10/15/20	PR	Employee: 1575 Paul Nixon		HRS	1.000		
894	10/19/20	PR	Employee: 2395 Nickolas Schou		HRS	2.000		
895	10/20/20	PR	Employee: 2395 Nickolas Schou		HRS	0.500		
1022	10/19/20	PR	Employee: 2395 Nickolas Schou		HRS	-2.000		
1023	10/19/20	PR	Employee: 2395 Nickolas Schou		HRS	2.000		
						Labour Total	6.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 5 Replace Wiper blades and vents

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
759	10/15/20	PR	Employee: 1575 Paul Nixon		HRS	1.500		
						Labour Total	1.50	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 6 Check, adjust, replace filter and fluids

Cab and Engine filters are dirty.
 Rear Differential Breather Plugged.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
896	10/20/20	PR	Employee: 2395 Nickolas Schou		HRS	0.500		
						Labour Total	0.50	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 7 T/S, Repair Seat and rubber blocks

Operator seat backing not secured.
 3 Dampening rubber blocks starting to crack(R/H Side)

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
760	10/15/20	PR	Employee: 1575 Paul Nixon		HRS	0.500		



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Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 8 Outsheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
644	11/09/20	PR	Employee: 2395 Nickolas Schou		HRS	2.500		

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	15.50
Parts Total	469.98
Miscellaneous Total	0.00

Description: Outsheet Checkover 1402 HRS, GRO 8144 **Date Started:** 2021-04-22
Equipment: E451 Bomag BW213PDH 84" Pad Foot
Packer
Serial# 901582571151

Segment: 1 parts

2L X WIPER FLUID

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
733	04/22/21	EMParts	5W40 Spectra 5W40		I	2.000	5.34	10.68

Labour Total	0.00
Parts Total	10.68
Miscellaneous Total	0.00

Segment: 2 Outsheet checkover - top up fluids

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
813	04/22/21	PR	Employee: 1266 Braden Bitzer		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00



Work Order: 12071

Labour Total	1.00
Parts Total	10.68
Miscellaneous Total	0.00

Description: T/S and Repair P.A.S.S.	Unit at CNRL	Date Started: 2021-05-25
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer	GRO-8681	
Serial#: 901582571151		

Segment: 1 Parts

Segment: 2 T/S and Repair P.A.S.S.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1128	05/27/21	PR	Employee: 2611 Matthew Walter		HRS	0.500		
1885	05/30/21	PR	Employee: 2611 Matthew Walter		HRS	0.500		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Description: Check out unit and get running	At OCL Site.	Date Started: 2022-02-17
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer	1504 Hours.	
Serial#: 901582571151		

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
464	02/17/22	EMParts	83211512 Fuel/ Water Separator		EA	1.000	119.90	119.90
465	02/17/22	EMParts	83211513 Filter-Fuel		EA	1.000	51.70	51.70

Labour Total	0.00
Parts Total	171.60
Miscellaneous Total	0.00

Segment: 2 Check out unit and get Started

Start, warm-up & function test.



Work Order: 12823

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
705	03/08/22	PR	Employee: 2395 Nickolas Schou		HRS	1.000		

Labour Total 1.00

Parts Total 0.00

Miscellaneous Total 0.00

Labour Total 1.00

Parts Total 171.60

Miscellaneous Total 0.00

Description: outsheet checkover 1505 HRS; GRO 9502 **Date Started:** 2022-06-16
Equipment: E451 Bomag BW213PDH 84" Pad Foot
Packer
Serial#: 901582571151

Segment: 1 parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
665	06/16/22	EMParts	WWFluid Window Washer Fluid -35/-40C (208L drums added to tote)	EA		2.000	1.23	2.47
666	06/16/22	EMParts	5W40 Spectra 5W40	I		2.000	5.34	10.68

Labour Total 0.00

Parts Total 13.15

Miscellaneous Total 0.00

Segment: 2 Outsheet checkover - clean out cab & top up fluids

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1304	06/16/22	PR	Employee: 1266 Braden Bitzer		HRS	1.000		

Labour Total 1.00

Parts Total 0.00

Miscellaneous Total 0.00

Segment: 3 wash/detail

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1305	06/20/22	PR	Employee: 2392 Carmen Beck		HRS	4.500		



Work Order: 13193

Labour Total	4.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	5.50
Parts Total	13.15
Miscellaneous Total	0.00

Description: 350 Hour Service	Unit at Emerson Site.	Date Started: 2022-09-23
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer	1709 Hours.	
Serial#: 901582571151		

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
68	10/06/22	EMParts	05011704 Filter Head		EA	1.000	423.04	423.04
893	09/23/22	EMParts	AT300487 Filter-Air Primary		EA	1.000	49.82	49.82
894	09/23/22	EMParts	P550848 Filter-Fuel / Water Separator		EA	1.000	28.22	28.22
895	09/23/22	EMParts	P550881 Filter-Fuel		EA	1.000	0.00	0.00
896	09/23/22	EMParts	P551019 Filter-Oil		EA	1.000	13.42	13.42
948	10/27/22	EMParts	5W40 Spectra 5W40		I	12.000	7.01	84.10

Labour Total	0.00
Parts Total	598.60
Miscellaneous Total	0.00

Segment: 2 350 Hour Service

350 Hour Service.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1349	09/26/22	PR	Employee: 2915 Scott Scrivener		HRS	3.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Repair wiring to water in fuel sensor

Need seal kit or new housing. Repaired fuel water separator sensor wiring.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1350	09/26/22	PR	Employee: 2915 Scott Scrivener		HRS	0.500		



Work Order: 13474

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Repair Hand primer

Hand primer pump for fuel filters was not working. Disassembled.
Replace fuel filter housing/primer pump. Prime system. Run system
- works properly.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1351	09/26/22	PR	Employee: 2915 Scott Scrivener		HRS	0.500		
1896	10/20/22	PR	Employee: 2915 Scott Scrivener		HRS	1.000		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	5.00
Parts Total	598.60
Miscellaneous Total	0.00

Description: Repair Coolant Leaks Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer Serial# 901582571151	Unit at Emerson Site. GRO#10754	Date Started: 2022-12-20
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Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
65	03/07/23	EMParts	05579290 Solenoid Valve (Coolant)		EA	1.000	385.74	385.74

Labour Total	0.00
Parts Total	385.74
Miscellaneous Total	0.00

Segment: 2 Repair Coolant Leak

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
802	12/16/22	PR	Employee: 2915 Scott Scrivener		HRS	1.500		
919	05/18/23	PR	Employee: 3110 Callum Deditch		HRS	2.000		



Work Order: 13743

Labour Total	3.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	3.50
Parts Total	385.74
Miscellaneous Total	0.00

Description: Repair Trans Issue **Date Started:** 2023-09-29
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer
Serial#: 901582571151

Segment: 1 Parts

Segment: 2 Repair for trans not shifting

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1460	09/21/23	PR	Employee: 3110 Callum Deditch		HRS	2.500		

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Description: Inspections and Repairs **1753 Hours** **Date Started:** 2023-10-10
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer **RD-2023-272 Insheet**
Serial#: 901582571151 **RD-2024-185 Outsheat**

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
792	03/20/24	AP	Vendor: 10651 Ko-Hen Electronics Supply Ltd. 0000462977 Line: 1	EA		2.000	2.98	5.96
793	03/20/24	AP	Vendor: 10651 Ko-Hen Electronics Supply Ltd. 0000462977 Line: 2	EA		2.000	2.25	4.50
794	03/20/24	AP	Vendor: 10651 Ko-Hen Electronics Supply Ltd. 0000462977 Line: 3	EA		1.000	2.25	2.25
847	07/12/24	AP	Vendor: 11081 Polar Mobility Research Ltd 0000398046 Line: 1	EA		4.000	21.25	84.98
1688	07/12/24	AP	Vendor: 11081 Polar Mobility Research Ltd 0000398046 Line: 2	EA		-4.000	21.25	-84.98
1689	07/12/24	AP	Vendor: 11081 Polar Mobility Research Ltd 0000398046 Line: 3	EA		4.000	21.25	84.98
34	08/06/24	EMParts	05566565 Switch-Proximity Park Brake (N	EA		1.000	276.50	276.50
35	08/06/24	EMParts	58260382 Switch-Proximity Park Brake (N	EA		1.000	286.10	286.10
93	01/08/24	EMParts	8355307 Cup Holder	EA		1.000	7.99	7.99
99	01/08/24	EMParts	73040 BACKUP ALARM	EA		1.000	31.69	31.69



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Work Order: 14382

183	07/11/24	EMParts	1554200 Cable-20' Positive Air Shut Of	EA	1.000	112.69	112.69
425	07/24/24	EMParts	Dyed Diesel Dyed Diesel	EA	71.170	1.28	91.02
540	01/24/24	EMParts	05755164 End Piece	EA	1.000	24.83	24.83
541	01/24/24	EMParts	05755165 Housing-Intermediate	EA	1.000	19.87	19.87
542	01/24/24	EMParts	05825008 Gromet Rubber-7/16" IDx11/16"O	EA	1.000	11.34	11.34
543	01/24/24	EMParts	32110014 Cover Plate	EA	1.000	31.56	31.56
622	08/27/24	EMParts	05973003 Gasket-Fuel Level Sender	EA	-1.000	37.78	-37.78
901	07/30/24	EMParts	05973003 Gasket-Fuel Level Sender	EA	1.000	37.78	37.78
902	07/30/24	EMParts	05973086 Sender-Fuel Level W/pig tail	EA	1.000	436.68	436.68
			PO - Open - #1027845 - 11081 723135- Louver	EA	4.00	21.25	84.98

Labour Total	0.00
Parts Total	1,512.94
Miscellaneous Total	0.00

Segment: 2 Inspections

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
530	10/05/23	PR	Employee: 1575 Paul Nixon		HRS	1.500		
598	07/11/24	PR	Employee: 3108 Zachary Dean		HRS	4.000		
600	07/16/24	PR	Employee: 3108 Zachary Dean		HRS	5.000		

Labour Total	10.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Wash and Clean Cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
599	07/11/24	PR	Employee: 2623 Brenton Woolman		HRS	3.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Repair Panels, Switches, alarm and valve

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1233	03/18/24	PR	Employee: 3131 Shawn Rowe		HRS	0.500		
1237	03/20/24	PR	Employee: 3131 Shawn Rowe		HRS	1.000		
1784	02/27/24	PR	Employee: 3131 Shawn Rowe		HRS	5.000		



Work Order: 14382

Labour Total	6.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Repair leaks

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1235	03/19/24	PR	Employee: 3131 Shawn Rowe		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 T/S and Repair electrical, ASC Light Flashing on dash

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
410	08/13/24	PR	Employee: 3109 Cameron Ellsworth		HRS	2.500		
1234	03/18/24	PR	Employee: 3131 Shawn Rowe		HRS	1.000		
1236	03/19/24	PR	Employee: 3131 Shawn Rowe		HRS	1.500		
1238	03/20/24	PR	Employee: 3131 Shawn Rowe		HRS	4.500		

Labour Total	9.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 Park Brake won't release

Labour Total	30.00
Parts Total	1,512.94
Miscellaneous Total	0.00

Description: Repair No Start	Hours: 1838	Date Started: 2024-11-20
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer	GRO#10438	
Serial#: 901582571151		

Segment: 1 Parts

Segment: 2 Repair No Start



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Work Order: 15160

Find key on battery dead, prime fuel system filters had been changed, hand primer not functioning, notice park brake light not coming on on dash unless Estop pressed, pull side column apart, unplug park brake, light turns on.
Test start unit, runs, start stop unit a few times,
have to plug brake switch in to move unit, failed park brake released,
unit will not start when brake is released. Let unit run a while.
-Dallas 11/18/2024

Labour Total	0.00
Parts Total	84.98
Miscellaneous Total	0.00

Description: Repair for No Start	Unit at BlackRod site.	Date Started: 2024-11-22
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer		
Serial#: 901582571151		

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
827	11/29/24	EMParts	1231PMF Battery-12v Group 31(Top Post)		EA	2.000	132.95	265.90

Labour Total	0.00
Parts Total	265.90
Miscellaneous Total	0.00

Segment: 2 Repair for No Start

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
659	11/18/24	PR	Employee: 3103 Dallas Wood		HRS	1.500		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	1.50
Parts Total	350.88
Miscellaneous Total	0.00

Description: Reg Maintenance	GRO13705/13708	Date Started: 2025-01-15
Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer	1840 hours In Sheet Inspection Jan 14 2025	
Serial#: 901582571151		

Segment: 1 parts



Work Order: 15201

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
103	01/15/25	EMParts	05566565 Switch-Proximity Park Brake (N		EA	1.000	497.56	497.56

Labour Total	0.00
Parts Total	497.56
Miscellaneous Total	0.00

Segment: 2 In Sheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
341	01/14/25	PR	Employee: 3119 Shawn Dittmer		HRS	3.500		

Labour Total	3.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Replace Proxy Switch

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
342	01/15/25	PR	Employee: 3119 Shawn Dittmer		HRS	3.500		

Labour Total	3.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	7.00
Parts Total	582.54
Miscellaneous Total	0.00

Description: Reg Maintenance Equipment: E451 Bomag BW213PDH 84" Pad Foot Packer Serial#: 901582571151	GRO12279	Date Started: 2025-06-20
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Segment: 1 parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1184	07/30/25	AP	Vendor: 21172 SMS Equipment Inc. PSI/71582156 Line: 1		EA	1.000	116.54	116.54



Work Order: 15405

Labour Total	0.00
Parts Total	116.54
Miscellaneous Total	0.00

Segment: 2 Re charge A/C

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
401	06/18/25	PR	Employee: 3119 Shawn Dittmer		HRS	2.500		

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 wash

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
9	08/01/25	PR	Employee: 22 Garrett Nelson		HRS	1.500		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	4.00
Parts Total	201.52
Miscellaneous Total	0.00