



Work Order: 10072

EB10-671

Description: 350 Hour Service	7091 Hours	Date Started: 2018-04-12
Equipment: E381 John Deere 350D 35 Tonne Articulated Dump Truck	GRO#6241	
Serial#: DW350DT616320		

Segment: 1 Parts and Service

1-TT221379 Air Filter
 1-TTDC221513 Oil Filter
 1-RE171321 Fuel Filter
 1-TTDC221512 Fuel Filter
 1-TT226019 Cab Filter

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
456	04/18/18	EMParts	5W40 Spectra 5W40		I	32.000	5.20	166.40

Labour Total	0.00
Parts Total	166.40
Miscellaneous Total	0.00

Segment: 2 350 Hour Service and Check Grease Nipples

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
457	04/18/18	EMTime	Employee: 1577 Dylan Grant		HRS	2.500		

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	2.50
Parts Total	166.40
Miscellaneous Total	0.00

Description: Repair A/C	7142 Hours	Date Started: 2018-06-20
Equipment: E381 John Deere 350D 35 Tonne Articulated Dump Truck	GRO#6955	
Serial#: DW350DT616320		

Segment: 1 Diagnose and Recharge A/C System

3lb-134A
 Tightened Valve

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
469	06/26/18	EMTime	Employee: 1577 Dylan Grant		HRS	2.000		



Work Order: 10133

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

Description: Inspections, 4000 Hour Service and Repairs	7311 Hours	Date Started: 2019-03-14
Equipment: E381 John Deere 350D 35 Tonne Articulated Dump Truck	RD-2019-143 Insheet RD-2020-251 Outsheet GRO-9121/9198/7597/7556	
Serial#: DW350DT616320		

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
283	08/04/20	AP	Vendor: 10034 Brandt Tractor Ltd. 05 4586645 Line: 1		EA	2.000	14.92	29.84
3477	07/30/20	AP	Vendor: 10034 Brandt Tractor Ltd. 05 4586564 Line: 1		EA	1.000	48.54	48.54
3478	07/30/20	AP	Vendor: 10034 Brandt Tractor Ltd. 05 4586564 Line: 2		EA	2.000	1.87	3.74
45	07/06/20	EMParts	140464 Seal-O-Ring		EA	1.000	12.69	12.69
46	07/06/20	EMParts	220010 Filter-Hydraulic/WDB		EA	1.000	9.00	9.00
47	07/06/20	EMParts	222389 Filter-Hydraulic		EA	1.000	146.10	146.10
48	07/06/20	EMParts	226000 Filter-Air Dryer		EA	1.000	67.99	67.99
49	07/06/20	EMParts	271498 Gasket-Hyd Tank Cover		EA	1.000	127.61	127.61
50	07/06/20	EMParts	AT253791 Breather-Filter		EA	5.000	30.81	154.05
51	07/06/20	EMParts	AT357236 Filter-Transmission Kit		EA	1.000	105.50	105.50
52	07/06/20	EMParts	DC222053 Breather-Crankcase		EA	1.000	148.07	148.07
53	07/06/20	EMParts	TT140744 Seal Kit		EA	1.000	53.01	53.01
54	07/06/20	EMParts	TT222219 Filter-Transfer case		EA	1.000	14.16	14.16
55	07/06/20	EMParts	TT226831 Filter-Pneumatic Control Block		EA	5.000	7.08	35.40
240	04/09/19	EMParts	207215 Exhaust-Flex Pipe		EA	1.000	658.66	658.66
241	04/09/19	EMParts	217719 Light-Flood 24v		EA	1.000	72.45	72.45
369	07/08/20	EMParts	OS-AT259780 Seal		EA	-1.000	0.00	0.00
370	07/08/20	EMParts	207215 Exhaust-Flex Pipe		EA	-1.000	541.10	-541.10
460	03/18/19	EMParts	Dyed Diesel Dyed Diesel		EA	3.790	1.02	3.86
572	03/21/19	EMParts	AT256144 Seal		EA	1.000	3.30	3.30
573	03/21/19	EMParts	OS-AT259780 Seal		EA	1.000	0.00	0.00
574	03/21/19	EMParts	RE171321 Filter-Fuel 30 Micron		EA	1.000	14.26	14.26
575	03/21/19	EMParts	TT221379 Filter-Air Primary		EA	1.000	54.16	54.16
576	03/21/19	EMParts	TT226019 Filter-Cab Air		EA	1.000	44.47	44.47
577	03/21/19	EMParts	TTDC221512 Filter-Fuel Secondary		EA	1.000	19.45	19.45
578	03/21/19	EMParts	TTDC221513 Filter-Oil		EA	1.000	26.28	26.28
579	03/21/19	EMParts	X004482 Clamp-Exhaust 4"		EA	2.000	12.93	25.86
619	08/14/20	EMParts	216027 Light -Amber Singal Rear LED		EA	1.000	121.77	121.77
761	08/17/20	EMParts	140464 Seal-O-Ring		EA	1.000	12.69	12.69
1156	07/17/20	EMParts	100059 Washer		EA	1.000	0.03	0.03
1157	07/17/20	EMParts	100209 Bolt		EA	1.000	0.05	0.05
1158	07/17/20	EMParts	174317 Slide Lock Belly Pan		EA	1.000	53.57	53.57
1240	07/20/20	EMParts	4203184 Seal-O-Ring		EA	1.000	36.45	36.45



Work Order: 10364

Labour Total	0.00
Parts Total	1,561.91
Miscellaneous Total	0.00

Segment: 2 Insheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
459	03/18/19	EMTime	Employee: 2338 Nolan MacGregor		HRS	3.500		

Labour Total	3.50
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
424	08/07/20	PR	Employee: 2528 Raymond Carlile		HRS	3.000		
673	01/28/20	EMTime	Employee: 1074 Jack Loughheed		HRS	13.000		

Labour Total	16.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 4000 Hour Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
720	07/02/20	PR	Employee: 1577 Dylan Grant		HRS	3.000		
722	07/06/20	PR	Employee: 1577 Dylan Grant		HRS	7.500		
723	07/07/20	PR	Employee: 1577 Dylan Grant		HRS	2.000		
1426	07/13/20	PR	Employee: 1577 Dylan Grant		HRS	3.000		
2076	07/17/20	PR	Employee: 1577 Dylan Grant		HRS	2.000		
2453	07/29/20	PR	Employee: 2395 Nickolas Schou		HRS	7.000		
2679	07/29/20	PR	Employee: 2395 Nickolas Schou		HRS	-7.000		
2680	07/29/20	PR	Employee: 2395 Nickolas Schou		HRS	7.000		
3628	07/29/20	PR	Employee: 2395 Nickolas Schou		HRS	-7.000		
3629	07/29/20	PR	Employee: 2395 Nickolas Schou		HRS	7.000		

Labour Total	24.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Repair Exhaust



Work Order: 10364

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
721	07/02/20	PR	Employee: 1577 Dylan Grant		HRS	1.500		
2077	07/17/20	PR	Employee: 1577 Dylan Grant		HRS	2.000		
						Labour Total		3.50
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 6 Repair Belly Pan Hinge

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1188	07/13/20	PR	Employee: 2395 Nickolas Schou		HRS	1.000		
1427	07/13/20	PR	Employee: 2395 Nickolas Schou		HRS	-1.000		
1428	07/13/20	PR	Employee: 2395 Nickolas Schou		HRS	1.000		
2074	07/13/20	PR	Employee: 2395 Nickolas Schou		HRS	-1.000		
2075	07/13/20	PR	Employee: 2395 Nickolas Schou		HRS	1.000		
						Labour Total		1.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 7 Outsheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
93	08/04/20	PR	Employee: 2395 Nickolas Schou		HRS	1.000		
422	08/04/20	PR	Employee: 2395 Nickolas Schou		HRS	-1.000		
423	08/04/20	PR	Employee: 2395 Nickolas Schou		HRS	1.000		
884	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	1.000		
1100	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	-1.000		
1101	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	1.000		
1398	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	-1.000		
1399	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	1.000		
1971	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	-1.000		
1972	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	1.000		
2078	07/24/20	PR	Employee: 2395 Nickolas Schou		HRS	2.500		
2454	07/30/20	PR	Employee: 2395 Nickolas Schou		HRS	2.500		
2681	07/30/20	PR	Employee: 2395 Nickolas Schou		HRS	-2.500		
2682	07/30/20	PR	Employee: 2395 Nickolas Schou		HRS	2.500		
3630	07/30/20	PR	Employee: 2395 Nickolas Schou		HRS	-2.500		
3631	07/30/20	PR	Employee: 2395 Nickolas Schou		HRS	2.500		



Work Order: 10364

Labour Total	7.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 8 Repair Steering bracket

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
885	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	5.000		
1102	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	-5.000		
1103	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	5.000		
1400	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	-5.000		
1401	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	5.000		
1973	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	-5.000		
1974	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	5.000		

Labour Total	5.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 9 Replace R/R Singal Light

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
886	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	1.500		
1104	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	-1.500		
1105	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	1.500		
1402	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	-1.500		
1403	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	1.500		
1975	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	-1.500		
1976	08/11/20	PR	Employee: 2338 Nolan MacGregor		HRS	1.500		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	62.00
Parts Total	1,561.91
Miscellaneous Total	0.00

Description: Inspections and Repairs	Date Started: 2021-10-20
Equipment: E381 John Deere 350D 35 Tonne Articulated Dump Truck	
Serial#: DW350DT616320	

Segment: 1 Parts



Work Order: 12508

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
80	11/05/21	EMParts	1231PMF Battery-12v Group 31(Top Post)		EA	2.000	124.95	249.90

Labour Total	0.00
Parts Total	249.90
Miscellaneous Total	0.00

Segment: 2 Insheet and Outsheet Inspections

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
403	11/05/21	PR	Employee: 1575 Paul Nixon		HRS	2.500		

Labour Total	2.50
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
404	11/05/21	PR	Employee: 2623 Brenton Woolman		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 T/S, Repair Codes and Electrical Issues

Replace Batteries

Unit was full of codes (20), but was running fine here in our yard. Recorded all of the codes, looked them up, most were either hi voltage or low voltage codes. Checked batteries, found that they were bad. Could tell that unit was recently boosted to get running.

Install new batteries and clean all connections. Remove panels in cab and disconnect and clean all connections, apply dielectric grease.

Checked driving lights, had some burnt out bulbs, poor connections and RH headlight housing was cracked. We had a LH housing here,

I was able to swap over and make work for the RH side. Replace bulbs and clean connections.

Run/test unit, was working fine, no codes active. Determined problem was dead batteries all along.

-Paul

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
405	11/05/21	PR	Employee: 1575 Paul Nixon		HRS	7.000		



Work Order: 12508

Labour Total	7.00
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	10.50
Parts Total	249.90
Miscellaneous Total	0.00

Description: T/S, Repair No A/C and Replace A/C Compress Unit at Hargreaves BC Site. **Date Started:** 2022-08-29
Equipment: E381 John Deere 350D 35 Tonne Articulated Dump Truck
Serial#: DW350DT616320

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1028	09/06/22	AP	Vendor: 10034 Brandt Tractor Ltd. 05 4512598 Line: 1		EA	1.000	247.07	247.07
207	09/12/22	EMParts	TTDC260098 Gasket Kit CY		EA	1.000	247.07	247.07
1068	09/29/22	EMParts	140386 A/C Compressor W/Clutch (9 Gro		EA	1.000	575.57	575.57

Labour Total	0.00
Parts Total	1,069.71
Miscellaneous Total	0.00

Segment: 2 T/S and Repair No A/C

*Diag A/C blowing warm.
 Diag A/C compressor.
 Replace A/C compressor. Recharge A/C.
 Diag A/C not working.*

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
539	10/05/22	PR	Employee: 2915 Scott Scrivener		HRS	5.000		
540	10/06/22	PR	Employee: 2915 Scott Scrivener		HRS	2.000		
2246	08/25/22	PR	Employee: 2915 Scott Scrivener		HRS	2.500		
2247	08/26/22	PR	Employee: 2915 Scott Scrivener		HRS	1.000		

Labour Total	10.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	10.50
Parts Total	1,069.71
Miscellaneous Total	0.00



Work Order: 13921

Description: regular maintenance	GRO13216	Date Started: 2023-03-02
Equipment: E381 John Deere 350D 35 Tonne Articulated Dump Truck	7787 hours	
Serial#: DW350DT616320		

Segment: 1 parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1034	07/27/23	EMParts	218297 Bracket		EA	1,000	0.00	0.00
						Labour Total	0.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 2 wash

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
136	03/02/23	PR	Employee: 22 Garrett Nelson		HRS	2,000		
137	03/03/23	PR	Employee: 22 Garrett Nelson		HRS	5,000		
						Labour Total	7.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 3 Complete In sheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
235	11/06/24	PR	Employee: 3119 Shawn Dittmer		HRS	2,000		
						Labour Total	2.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	
						Labour Total	9.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Description: Inspections and Repairs	7702 Hours	Date Started: 2023-05-23
Equipment: E381 John Deere 350D 35 Tonne Articulated Dump Truck	RD-2023-192 Insheet RD-2023-201 Outsheet	
Serial#: DW350DT616320		



Work Order: 14101

Segment: 1 Parts

1.5 lbs refrigerant

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1700	05/31/23	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S7001231.001 Line: 1		LS	0.000	0.00	29.46
1994	06/09/23	AP	Vendor: 10034 Brandt Tractor Ltd. 05 4523701 Line: 1		EA	1.000	346.65	346.65
2090	06/09/23	AP	Vendor: 10034 Brandt Tractor Ltd. 05 4523701 Line: 2		EA	-1.000	346.65	-346.65
2091	06/09/23	AP	Vendor: 10034 Brandt Tractor Ltd. 05 4523701 Line: 3		EA	1.000	346.65	346.65
25	06/01/23	EMParts	AT450372 Latch		EA	1.000	108.94	108.94
26	06/01/23	EMParts	TT241146 Refriger cy		EA	1.000	152.46	152.46
156	07/12/23	EMParts	5W40 Spectra 5W40		I	0.000	7.48	0.00
626	05/29/23	EMParts	RE171321 Filter-Fuel 30 Micron		EA	1.000	27.01	27.01
627	05/29/23	EMParts	TT226019 Filter-Cab Air		EA	1.000	59.52	59.52
628	05/29/23	EMParts	TTDC221512 Filter-Fuel Secondary		EA	1.000	49.65	49.65
629	05/29/23	EMParts	TTDC221513 Filter-Oil		EA	1.000	46.24	46.24

Labour Total	0.00
Parts Total	819.93
Miscellaneous Total	0.00

Segment: 2 Inspections

Outsheet unit, grease, top up fluids.
Secure plastics in cab.
Replace LH mirror glass.
Pictures and park up front.
-Paul

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
909	05/16/23	PR	Employee: 3110 Callum Deditch		HRS	2.000		
1912	06/08/23	PR	Employee: 1575 Paul Nixon		HRS	1.500		

Labour Total	3.50
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
1907	05/31/23	PR	Employee: 2623 Brenton Woolman		HRS	8.500		
1909	06/01/23	PR	Employee: 2623 Brenton Woolman		HRS	4.500		

Labour Total	13.00
Parts Total	0.00
Miscellaneous Total	0.00



GCS Energy Services Ltd.

Work Order: 14101

Segment: 4 Repair leaks, hoses, grease lines

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1905	05/30/23	PR	Employee: 3103 Dallas Wood		HRS	4.000		
1908	05/31/23	PR	Employee: 3103 Dallas Wood		HRS	1.500		
						Labour Total		5.50
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 5 Check lights, wiring, mirrors

Segment: 6 350HR Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
910	05/26/23	PR	Employee: 3103 Dallas Wood		HRS	3.500		
1902	05/29/23	PR	Employee: 3103 Dallas Wood		HRS	2.000		
						Labour Total		5.50
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 7 T/S and Repair A/C

A/C not working, compressor clutch not engaging.
 Check wiring, switches, all check out good. Try switching SSM with another unit, no change.
 Not getting a signal out of CCU, but all inputs seem correct.
 Unit has a CCU and an OEU, both controllers are the same part number. Swapped connectors from CCU to OEU and vice versa. Check operation, A/C working now, no codes.
 Advised to leave wiring configuration set up this way.
 -Paul

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1903	05/29/23	PR	Employee: 3103 Dallas Wood		HRS	6.500		
1904	05/29/23	PR	Employee: 3109 Cameron Ellsworth		HRS	2.000		
1910	06/06/23	PR	Employee: 1575 Paul Nixon		HRS	2.500		
1911	06/07/23	PR	Employee: 1575 Paul Nixon		HRS	5.000		
						Labour Total		16.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 8 Repair panels, flex pipe, cab plastics



Work Order: 14101

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1906	05/30/23	PR	Employee: 3103 Dallas Wood		HRS	1.000		

Labour Total 1.00

Parts Total 0.00

Miscellaneous Total 0.00

Labour Total 44.50

Parts Total 819.93

Miscellaneous Total 0.00

Description: Reg Maintenance GRO13817 **Date Started:** 2025-05-12
Equipment: E381 John Deere 350D 35 Tonne Articulated Dump Truck
Serial#: DW350DT616320

Segment: 1 parts

2x GX31A battery

Segment: 2 IN-Sheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
168	05/08/25	PR	Employee: 3119 Shawn Dittmer		HRS	3.000		

Labour Total 3.00

Parts Total 0.00

Miscellaneous Total 0.00

Segment: 3 wash

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
229	07/17/25	PR	Employee: 22 Garrett Nelson		HRS	1.000		
230	07/18/25	PR	Employee: 22 Garrett Nelson		HRS	2.000		

Labour Total 3.00

Parts Total 0.00

Miscellaneous Total 0.00

Segment: 4 troubleshoot no-charge fault - R&R batteries & repair wires

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

Work Order: 15353

1033	07/22/25 PR	Employee: 2024 Travis Schmidt	HRS	6.000
1034	07/23/25 PR	Employee: 3119 Shawn Dittmer	HRS	6.500

Labour Total	12.50
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Parts Total	0.00
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Miscellaneous Total	0.00
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Labour Total	18.50
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Parts Total	0.00
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Miscellaneous Total	0.00
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