

## Plant & Vehicle Maintenance & Repairs

<b>Asset Number:</b> CO224		<b>Serial Number:</b> CAT0305E5DJX00615	
<b>Make:</b> Caterpillar		<b>Model:</b> 305E Excavator	<b>Year of Manufacture:</b> 2015
Date	Hr/Kms	Work Conducted	Responsible Person
09/14/2015	162	Repair door. Straighten door hinge. Test and adjust.	TG/GC
10/27/2015		250 hrs service. Change tilt bucket edge. (Rotate)	TG/GC
02/12/2016	458	Rotate cutting edge.	TG/GC
02/19/2016	477	Refit track check and adjust tracks.	TG/GC
02/24/2016	490	Change out LH front window latch.	TG/GC
03/08/2016	526	Adjust fan belt.	TG/GC
05/26/2016	599	Rotate cutting edge. HD check A/C.	TG/GC
06/28/2016	723	Top up coolant and check for leaks.	TG/GC
06/29/2016	725	Hastings. Warranty. Ongoing air con fault.	
07/01/2016		Refer to Hastings Deering Invoice AS300038107	
07/27/2016		Refer to Hastings Deering Invoice AP300552627	
07/29/2016	779	Replace bucket teeth.	TG/GC
07/30/2016	763	250 hrs service.	TG/GC
08/25/2016	830	Repair hydraulic oil leak (replace O ring).	GC
09/17/2016	876	Fit front window rubber	TG
10/14/2016	915	Remove flashing light bracket, remanufacture new ariel bracket and fit.	TG/GC
10/18/2016		Refer to Hastings Deering Invoice 2010113196	
01/13/2017	1024	Spin cutting edge on bucket.	GC
01/23/2017		Refer to Hastings Deering Invoice 5000505339	
01/24/2017	1032	1000 hrs service. Repair A/C belt adjuster, replace A/C belt and alternator belt. Refer to Hastings Deering Invoice	TG/GC
07/03/2017		Done - Door lock open latch	
07/14/2017		Change out quick coupler ends and tilt bucket hose ends	GC
07/17/2017	1231	Replace hydraulic coupler, repair beacon mounts	TG /GC
07/21/2017		Done - cutting edge on bucket needs to be changed	TG
08/01/2017	1262	Adjust fan and a/c belts. Replace tilt bucket hydraulic hose coupling	GC TG
08/02/2017	1264	Remove and replace faulty quick couplers	TG
08/02/2017	1264	Done - V belt needs tensioning, tightened fuel filter, checked windscreen rattle	GC
08/03/2017	1266	Change bucket teeth to cutting edge	TG
08/19/2017	1305	Repair hole in fuel hose	MM
08/28/2017		Replace teeth with tiger teeth	SS
09/04/2017		Done - tilt hose connection broken	TG
09/23/2017	1404	Replace bucket edge	GC SS

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10/27/2017	1562	500hr service	GC
10/30/2017		Done - door locking latch fallen off	GC
11/03/2017	1587	Replace cutting edge	TG
11/28/2017	1681	Cleaned out a/c evaporator	BO
01/24/2018	1774	Inspected LH Track for split, will last longer. Rotated cutting edge on bucket	BO TG
02/19/2018	1842	BY passed coolant heater hose	BO SS
02/22/2018		Inspect leaking tilt bucket hose	GC
02/26/2018	1867	Tighten radiator hose, inspected track beeper	BO MM
02/28/2018		Inspect track - OK for use, tighten up rod hose	BO
03/06/2018	1908	Fit new tracking beeper, inspect start fault, tightened battery terminals and cleaned	BO
03/13/2018	1929	Remove and replace starter motor	BO
03/14/2018	1933	Remove and replace battery	GC
03/27/2018	1973	Replaced engine belt and a/c belt, replaced top radiator hose, complete engine service	BO
03/28/2018	1973	Complete 2000hr service, drained hydraulic fluid, replaced pump supply oring and hose clamps, replace filters and refilled hydraulic oil, replace coolant and top radiator hoses, Replaced both tracks	BO
04/09/2018	2007	Fixed rotating light, replaced work light globe	BO MM
04/16/2018	2023	Removed and replaced cutting edge	BI GC
07/10/2018		Beacon replaced	GC SS
07/06/2018		Tilt buckets rams resealed	GC SS
08/28/2018	2173	Rotate cutting edge	TG
11/15/2018	2259	250 hour service, wash down, clean out track frames, adjust tracks, repair oil leak at ball valve, clean up joysticks	SS TG
01/22/2019	2300	<a href="#">Check A/C fault, replace suction hose to evaporator, regas and check for leaks, all OK. Clean and inspect evaporator. Change cutting edge</a>	Ellis Auto / TG
01/22/2019	2627	Check engine warning light on, DPF system fault, do manual DPF burnoff, shut down, isolate, restart fault still present, take to CJD to remove fault code. CJD removed 1 x code for ECU inactive too long. Test. OK.	TG
03/13/2020	387	Replace rear mud flaps and support brackets, repair LH front mud flap	TG SS
03/25/2020	400/4763	Check brake air system fault, faulty ABS valve, replaced valve, test. OK.	TG SS
04/02/2020	2512	500 hr service - change engine oil and filters, fuel filters, sample hydraulic oil, engine oil, cooland sample and final drives	TG SS
05/22/2020	2572	Remove and replace cutting edge on tilt bucket	TG SS
07/17/2020	2652	Remove evaporator and fan from cab and wash down, remove radiator oil cooler intercooler etc to access A/C compressor, pressurise with nitrogen and test system. Found leaking hose at evaporator inlet. Replace A/C and alternator belts. Re-assemble and test.	TG

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07/22/2020	2652	A/C - Replace hose and replace insulation to block air leaks, changed Gas with 1kg R134A	SS
07/22/2020	2652	Re-seal front windows with new seals, make up wedges to stop front window rattling	TG
07/27/2020	2652	Test cooling system with pressure tester, no leaks detected	SS
12/08/2020	2759	500 hr service completed. Engine oil filter, fuel filter, A/C and air filters	TG SS
01/19/2021	2854	Replaced tiger teeth on 500mm bucket	SS
02/17/2021		Replaced front windscreen	SS
03/05/2021	2976	Stripped and replaced shaft seal on planetary drive. (leaking auger shaft)	SS
03/05/2021	2980	Cut an drecrimp hoses at Hosepower	SS/Hosepower
02/25/2021	2952	Replaced battery	BL/WG
03/10/2021	3001	Removed radiator and condenser units to repair broken bolt in alternator. Requires 10mm shorter belt	SS
03/11/2021	3007	500 hr service complete, sampled hyd oil, final drives and engine oils, replaced listed oils and filters, tensioned tracks.	SS
03/19/2021	3015	Remove front windscreen, reglue new glass to screen	SS
03/23/2021	3030	Fit new 10mm belt	SS
05/01/2021	3111	A/C compressor discharge hose leaking; REPAIRED. Re-glued top window	SS
07/24/2021	3316	250 hr service. Replaced oil & filter, sample engine oil, blew out all filters, air and A/C, greased machine, replaced oil in final drives	SS
09/08/2021	3435	In progress parts ordered. Removed damaged quick hitch cylinder and double acting hitch an dreplaced with new unit.	SS
09/20/2021	3437	Repaired damaged hose ends	TG
09/29/2021	3480	Hydraulic top up	SS
10/20/2021	3512	Service alarm reset	HR
11/01/2021	3515	500 hr service. Changed engine oil, filter, fuel filters, air filters	TG
11/09/2021	3566	In progress - Track inspected, parts ordered. 9/11 - new tracks arrived. Old tracks still serviceable; will only replace when unserviceable	TG
11/25/2021	3602	Order new hose, travel to site to fit hose	TG
12/08/2021	3638	Replaced cutting edge on 1200 tilt bucket part # 4T-6232	TG
01/08/2022	2852	Refit Main lift cylinder protection plate, straightened	SS
01/17/2022	3683	Replace fan & AC belts	TG
04/09/2022	3893	Replaced damage quick hitch computer hydraulic live, hosepower	SS
04/05/2022	3890	Replaced tiger teeth x 3 on bucket	SS
05/21/2022	3976	4000hr service, sampled final drives, engine oil replaced, engine oil and filler final drives drained & filled. Fillers replaced, air filters & a/c cab filters all blown out, machine greased.	SS
06/02/2022	3976	Note that A/C was repaired on mtce job 2922 on 25/2/22. Now closed.	SS

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08/29/2022	4231	JN#3160 - Rotate cutting edges due to wear.	TG
10/07/2022	4298	JN#3124 - Fault, Tracks unservicable, replaced tracks. Cleaned a/c filters, tested ok.	SS TG
10/13/2022		JN#3224 - Removed radiator grills & wash dirt & rocks from Radiators.	SS
25/10/2022	4317	JN#3203 - Re-seal stick cylinder, straighten cylinder guard & re-mount, replace 2 way hand piece	TG/SS
24/10/2022	4317	JN#3235 - Completed 250 hr Service	TG/SS
24/10/2022	4317	JN#2963 - Inspect speed selector, working OK, ram guard repaired, replaced mirror	TG/SS
21/10/2022	4317	JN#3114 - Re sealed stick cylinder	TG/SS
11/15/2022		<a href="#">Strip &amp; quote bucketref Inv 18383 Norline</a>	Norline
12/05/2022	4318	Top up hyd oil, bug in beacon light, check reverse beeper circuit, preplace reverse beeper	TG, SS
12/23/2022	4318	<a href="#">Remove bracket and disassemble - Wilkinsons re-bush cylinders and bucket, reassemble refer Inv 16313</a>	Wilkinsons
01/24/2023	4334	A/C stopped getting cold and engine overheated. Checked belts and found loose. Tightened. OK	SS
06/02/2023	4520	500 hr service, changed engine oil and filter, fuel filter, air filters, sample all oils and coolant	SS, TG
06/06/2023	4520	Replaced fan belt and tensioner bracket	SS, TG
07/07/2023	4555	Dissassemble bucket cylinder and prep for re-seal, ordered piston seal kit	SS, TG
07/19/2023		Drop bucket cylinder rod to Wilkinsons Eng to make piston	
07/20/2023	4555	Collect new piston from Wilkinsin Engineering, reassemble cylinder and refit. Drain final drives oil	Workshop
07/21/2023	4555	Flush out final drives and refit with 85-140 gear oil	Workshop
08/03/2023		Started bucket rebuild (wear strips etc)	Ty
08/08/2023	4577	<a href="#">Remove and replace battery refer att Hastings Inv 2015920819</a>	Hastings
08/17/2023	4584	Fit new coolant header tank	Workshop
09/04/2023	4544	Replaced idler pulley and a/c belt, removed front window and weld up wear in frame. Replaced window seal and reassemble	SS
09/13/2023	4638	Fit new tiger teeth to bucket (part of JN 3429?)	Workshop
09/14/2023	4638	Refit boom lift cylinder guard back to cylindar properly. Spaced out with washers	Jordan
09/21/2023	4648	Change teeth on 300mm bucket	Workshop
10/12/2023	4696	Replaced tiger teeth on bucket	Workshop
10/25/2023	4715	Quick hitch alarm fixed by Serg	SS
10/30/2023	4733	Inspect alarm when using tilt bucket. Found lifting arlarm switched on.	Workshop
12/08/2023	4755	250 hour service, changed engine oil and filter, oil leak hydraulic tank suction fitting. Replaced O ring, refit hydraulic tank.	Workshop
12/12/2023	4755	Re-seal 4 x solenoids on control valve, replace control valve and hook up hoses, refill tank and bleed hydraulic pump, run up and test. OK.	Workshop
04/10/2024	4821	Found broken door latch, ordered parts 5/4/24 Replaced door latch assembly, job completed, @ 4821hrs 10/4/24	Workshop

