

Asset Number	Work Order	Description	Date	SMU Reading	Job Type
7028					
35071		Inspect pos 1 & 2 tyres & locate air leak	00/11/900	12910	
15777		Drill out broken belly guard bolts, refit guards.	7/01/1998	1335	
15778		rmve old EIOH filter base & fit new one.	9/01/1998	1343	
15779		Rpice seal on hitch control valve spool.	12/01/1998	1346	
15780		Rpice hitch pump hose & relocate.	12/02/1998		
15781		rmve cab & ropes for painting to repair.	17/02/1998	1391	
15782		Refit Air tanks, rmve covers for painting & record tranny speed sensor.	18/02/1998	1400	
15783		Instal SS connectors to radio leads & speakers.	18/02/1998	1400	
16204		Refit cab & clean cab.	20/02/1998	1401	
15784		T travel to site & rectify rattle from guard under cab.	24/02/1998	1401	
15785		Repairs to cab doors, windows, washers & cad sealing.	24/02/1998	1402	
15786		Repair park brake, Rpice hose inside wall of bowl.	24/02/1998	1402	
15787		Performed P.1.3025 also P1 3977 vertical hitch pin Rpacement.	3/03/1998	1403	
15788		rmve & Rpice vertical hitch pins.	3/03/1998	1403	
15789		Rpice AC suppressor on AC. Modify connection to diode	5/03/1998	1403	
15790		Install new gear to transfer box.	17/03/1998	1403	
15791		Instal belly guards.	18/03/1998	1403	
15792		Whole machine Elec inspection & testing.	3/04/1998	1403	
15793		Change over top & bottom hose clamps with BT49869X 2201	4/04/1998	1435	
15794		Oil leak on air compressor drain line & R & R line & reseal.	12/06/1998	1472	
15795		rmve air compressor. Drain to be Rpiced with new one.	18/07/1998		
15796		Eng Oil leak,bed housing & spacer plate straighten bolts.	5/08/1998		
15797		Rpice muffler & guards after oil leak inspection.	7/09/1998	1928	
15798		Drain diff & tranny oil for trans & diff removal.	1/10/1998	2095	
15799		R & R Diff find drive coupling supp. Steer cdp US. 3DR352 high tron, supp steer coupling problem.	3/10/1998	2095	
15800		Start to rmve Eng.	6/10/1998	2095	
15801		Dismantle diff inspect & re use all bearings- set up diff to spec.	7/10/1998	2095	
15802		rmve Eng. Load & transport to Mt. Thorley	7/10/1998	2095	
15803		Wash Eng bay. Rpice air hose to compressor.	8/10/1998	2095	
15804		rmve supp steer pump & clean compartments.	8/10/1998	2095	
15805		Re-install Eng with updated gaskets.	9/10/1998	2095	
15806		Re-install diff & tranny.	9/10/1998	2095	
15807		Rpiced drive gear on comp. Before re installing it.	9/10/1998	2095	
15808		Complete Trans installation.	10/10/1998	2095	
15809		Refill compartments with fluids & start & test.	10/10/1998	2095	
15810		Turned up on site. Safety inspection.	31/10/1998		
15811		Broke position 2 tyre valve off	6/11/1998		
15812		Measure brake linings	11/11/1998		
15813		Left front guard go damaged.	30/11/1998		
15814		774868 blown water bleed line on Eng.	6/01/1999		
15815		250HR service	7/01/1999		PM
15816		Radiator hose burst - Lost all coolant - Rpiced hose.	14/01/1999	2248	
15817		Rpice blown O-ring at accumulator.	22/03/1999		
15818		Rpice leaking valve cover seals/ seat cylinder	15/04/1999	2399	
15819		Repair leak at fuel pump	18/04/1999	2602	
		Rpice damaged sensor group	18/04/1999	2602	
		1. Air compressor has broken the crank shaft letting the gear rmve forward & ground the heads of cab. 3. Repair the comp & gear train & Rpice damaged bolts. 4. New fly wheel gasket on 70079 P56463 Block To Housing Leak	17/05/1999		2640 OEM
15821		Rpiced leaking seat cylinder	28/05/1999	2649	Recall
15822		250HR service	1/06/1999	2770	PM
15823		Seat ram is leaking again would like it Rpiced to see prob	24/06/1999	2816	
70080		P5640 Doo In Hood Cracks	15/08/1999		OEM Recall
15824		1000HR service	18/08/1999		PM
15825		Pump up No. 3 tyre	31/08/1999	3052	
15826		Turn edges	7/09/1999	3098	
15827		Take sample Trani check screens reduce filter	15/09/1999	3134	
15828		250HR service	11/10/1999	3263	PM
15829		Lte gas out of one cushion hitch accumulator to 500psi	18/10/1999	3308	
15830		Two broken windows & radio cass stolen	6/11/1999	3425	
15831		Inspect cushion hitch found lose wire on solenoid.	15/11/1999	3469	
15832		500HR service	24/11/1999		PM
15833		Adjust brakes pump up pcs 3 & 4 tyres	27/11/1999		
15834		Rpice bowl lift ram hose.	30/11/1999	3553	
		the fly wheel housing mount bolts. Send into G & G Newcastle. 1. rmve diff. 2. Reseal the Noise came out from tranny pulled scraper up drained oils & found plate material in tran screen major. Trans shifted harshly from 3rd to second. Inspect drain plugs all OK. rmve trans screens found clutch plate material. G & G rmve Trans & diff. Disassemble trans & Rpice 1st/2nd clutch packs. Rpice Trans. Refit with updated differential this diff has a prior graded setting of 459 it is per CAI's recommendation's. Put tran & diff back in after replacing No. 2 & 5 clutch pack & diff was a new one warranty.	1/12/1999 1/12/1999 4/12/1999	3560 3560 3560	
15837		Repaired oil leak at steering bleed line warranty.	6/12/1999		
15838		Clean out air con core & Rpice filters.	6/12/1999		
15839		Rpice 5 broken belly plate bolts	7/12/1999		
15840		Weld in cross brace, drill out broken belly plate bolts. fit two new ballgate rollers.	8/12/1999	3581	
15841		Straighten front bumper bar, weld strip on side of bowl, fit new exhaust pipe.	9/12/1999		
15842		Fit new radio cass, wash & get ready to paint.	13/12/1999	3600	
15843		Drill out broken belly plate bolt & fit helcol repair lights paint front of the scraper.	14/12/1999	3600	
15844		Transfer to Cooloogook job 4469 note number.	15/12/1999	3600	
15845		Oil leak at hyd injector pump, recommend rmve pump & reseal it over Christmas.	22/12/1999	3602	
15776		Hitch cylinder. Cutting edges	12/01/2000		
		15846 Unbolt & rmve apron cylinder change over pipes & base plate. Fit new apron cylinder. start	4/02/2000	3708	
		15847 Change apron cylinder, bearing not tight enough in eye of cylinder rod. rmved apron cyl & fitted	4/02/2000	3708	
		15848 Customer requested grease lines be repositioned. Repositioned grease lines for main hitch	3/03/2000	3708	
		15849 G & G filter on site. Rpice hitch pump high pressure hose. Hose routed incorrectly & rubbing on	24/03/2000	3793	
15850		Trane case. New hose supplied by pinkl tarce. Fitted with spiral wrap.			
15851		Performed 250HR service 5/0/5 samples.	22/03/2000	3795	PM
15852		No. 2 position staked. Tyre rmved by marathon for repair 45% match from KRT project refitted.	4/04/2000	3824	
15853		G & G bollemakers on site. Rpice push pads. Air arc push pad bars from rear of scrapers. Start to re-weld new bars to pads.	19/04/2000		
15854		G & G bollemakers on site. Finish air arc removal of old push pad bars. Continue re-weld of new bars to pads.	20/04/2000		
15854		Grinze off old push pad grind pad smooth. Fabricate new push pad. weld push pad to machine.	1/05/2000	3837	
15855		rmve lower brake shoe cover plates. Machine inspection hole in plates & refit. Adjust brakes.	8/05/2000		
15856		Marathon tyres on site. Fit 2 new 37.5. Tyres to pos 1 & 2.	8/05/2000	3837	
15857		Mechanical inspection. Air leaks	12/05/2000	3840	
		machine & check oil level, write report, travel reconditioned cyl. pins to centre row on central lubrication block.			
		Retarder / regulator / test.	19/05/2000	3863	
15859		Poor retarder performance. rmve regulator as requested. Rpice diaphragm adjust nl control, check Eng speed with retarder applied 1290-1800 RPM.	22/05/2000	3866	

15860	Cushion hitch/fault find/Rplced relay/repaird wiring.	30/05/2000	
15861	Oil leak.	20/06/2000	
15862	Inspected cutting edges 80%.	3/06/2000	
15863	Adjust brakes	7/07/2000	4092
15864	Rpice over rev buzzer	11/07/2000	
70078	P13320 New Software To Be Installed	14/07/2000	
15865	Update software to P1-3320: New software No. 164-3805 Old No. in machine 142-7164.	17/07/2000	4157
15866	250HR service	28/07/2000	4256
15867	Recharge fire system	1/08/2000	
15868	Overspeed alarm not working- aftermarket fitted. rmve Eng speed sensor & repair wiring, refit - test & adjust alarm settings.	7/08/2000	4080
15869	Rpice hitch accumulator bracket	15/09/2000	4540
15870	Oil leaking from no.2 & no. 4 rooker covers. New 18-2790 belts were installed with new 108-	20/09/2000	4586
			PM
15871	3756 cover seals. Oil was rmed from valve covers. Tighten all body plate bolts. Bolts broken centre belly plate. rmed exhaust bracket broken.	13/10/2000	4721
15872	Swap seat accumulator.	19/10/2000	
15873	Weld inside bowl wall plates cracked lifting.	19/10/2000	4740
15874	Welded broken exhaust bracket left side.	20/10/2000	4740
15875	R/R broken belly guard bolts. Repair cracks near cross brace, leading edges repairs.	24/10/2000	
15876	250HR service.	24/10/2000	4757
15877	Bowl repairs.	25/10/2000	PM
15878	Bowl repairs, near belly guard hinge.	26/10/2000	
15879	Regras hitch accumulators.	28/10/2000	4767
15880	Fit accumulator & charge.	2/11/2000	4784
15881	rmve, reseal accumulator & fit.	2/11/2000	4787
	Vibration in machine when loading bowl. A new 131-3088 indicator was installed into no.5 cylinder & tested with "ET".		
15882		7/11/2000	4131
15883	Adjusted brakes.	9/11/2000	4821
15884	Inspect big end & main bearings for damage/wear. General wear was found on big end & main bearings, consistent to almost 1000HR of use. New 4W-549 mains & 9Y9497 big end bearings were installed to Eng.	23/11/2000	4838
15885	Check accoutator & hitch.	24/11/2000	4849
15886	Fire suppression - charged up.	11/12/2000	4925
15887	Rpiced left bottom roller.	13/12/2000	4955
15888	Gas fire system.	8/01/2001	
15889	Machine inspection.	18/01/2001	
15890	Adjusted brakes.	19/01/2001	5030
15891	R&R belts R&R radiator top hoses, reseal air dryer. R&R all belt.	14/02/2001	5030
15892	Straighten ladder on right side. Rpice grab rail on rear. Repair cracks in rear cross brace.	16/02/2001	
15893	Oil leaking from heu pump. rmve pump reseal with kit, refit & test.	17/03/2001	5056
15894	Perform 1000HR inspection for CAT extra. Machine due for 1000hr inspection.	19/03/2001	5086
15895	Reseal air dryer valve.	27/03/2001	
15896	Repair damaged front bumper.	25/05/2001	5101
15897	Check rear wheel bearings & adjust. Clean up.	3/08/2001	
15898	Check rear wheel bearings, wash down rear hubs.	4/08/2001	4728
15899	Findshut down fault, fire suspension/low, charge.	21/08/2001	5118
15900	Repair apronswitch & solenoid.	22/08/2001	5125
	rmve exhaust & rmve rear Eng covers. Rpice apron shut valve. Refit covers & exhaust.	25/08/2001	5140
15902	Rpice exhaust elbow from turbo to muffler. Intake pipe into turbo. Reseal & spin turbo housing so pipe sitting straight sealed around lip with silicon.		
34126	Cover on fuel pump leaking. Cover rmed & bearing had failed. Roller in bearing broken & fat spotted. Swish plate bearing surface worn from bearing alignment failure. A new 201-4202 fuel pump group was installed. Prehuded pump & started/shut with ET all pressures etc. Okay. All work completed to Caterpillar specifications.		
15903	Rpice fuel pump. Change over parts. 3 bleed air out of pump fuel system. Prehub. Start machine. Bleed air out of pump again. Return to Tweed. Assemble old pump for reman return.		
15904	Rpice fuel pump. Wouldn't run smoothly. Checked with ET. Checked wiring to sensors & cleared		
		7/09/2001	5183
		14/09/2001	5231
		19/09/2001	
		19/09/2001	5231
15905	air in pump giving wrong activation pressures. Changed actuation pressure sensor. Updated 167-1709 sensor was installed.	22/09/2001	5231
15906	250HR service.	28/09/2001	5256
15907	Convntd bearing charge out.	16/10/2001	5290
34142	Lead in oval/falshing found in filer. Nil. no. 3 & no. 4 big end bearings had lead in overlay flasing which was highly developed. The other big end bearing either had contamination marks or the beginnings LTO flasing. New bearings were installed. With GE date code bearings 23-5-2001. Assembled to caterpillar specifications.	16/10/2001	5290
15908	Fire suppression went off. Recharged no foaming agent.	5/11/2001	5350
15909	Recharge fire suppression with foaming agent.	6/11/2001	5363
15910	Top up fire sus with gas.	13/11/2001	5393
15911	Charged with gas dropped fire sus.	14/11/2001	
15912	Recharged fire sus went off.	15/11/2001	
15913	Fire sus recharged.	20/11/2001	5037
15914	Start clean down. Locate oil leaks. rmve broken exhaust section for repair.	23/11/2001	
15915	Repair oil leaks at retarder. Check & clean follow up steering bearings. Exhaust repaired. Adjust rear ejector rollers.	24/11/2001	
15916	Rpice & refit exhaust, fit sup steering loom. Dignod dirt from Hyd suction line & tighten suction hose clamps.	28/11/2001	
15917	Fit pipe cleaner top hat. Rpice fuel light glass. Rpice rear Eng bonnet. Adjust Eng big door.	28/11/2001	
15918	Arrived on site. Inspect. Diff oil leak at supp steer pump. Seal belt rns. Bent rh h& rail. Turbo coolant hose leaking. Install apron pin. Cracks in rear scrapper frame.	8/12/2001	
			5410
15919	Regas fire suppression.	12/12/2001	5433
15920	Adjust brakes.	19/12/2001	5448
15921	500HR service.	10/01/2002	5500
15922	Fabricate rear filler door hingtop fit.	25/01/2002	
	rmve fire ex from all plant for testing. Discharge & inspect. FFE hyd test on cylinders. Refit systems with loan & water & gas up. Make repairs as necessary. Rpice all shuttles.		
15924	Check hitch wiring	13/02/2002	
15925	Fault find hitch problem, rewire switch.	13/02/2002	5640
15926	Repair hitch.	14/02/2002	
15927	250HR service.	28/02/2002	5745
15928	G&G on site. Check all drive rubbers on 651's.	22/04/2002	
15929	Check & found metal in diff.	8/05/2002	
15930	G&G instal diff.	15/05/2002	
15931	Repair hitch wiring	16/05/2002	
15932	Oil leak torque convertor area. Lower belly plate & inspect oil leak. Found oil leaking from "O" ring on torque convertor. rmed line & fitting. Rpice seal, refit all & test run.	4/06/2002	
	Fit all new belts.	19/06/2002	
15934	Gas check & top up fire supp systems.	10/07/2002	
15935	Ex manifold studs.	27/08/2002	
15936	Manifolds fit. Drill & tap belly place bolts.	29/08/2002	
15937	Belly place bolts. Repair h& rail.	30/08/2002	
15938	Rpice control valve seals.	4/09/2002	
15939	Fit new steeringflow switch.	9/11/2002	
15940	Fire system service by FFE.	18/11/2002	
15941	Adjust brakes.	19/11/2002	
15942	6320HR William Adams fitted charge over diff.	31/12/2002	

15943	Service a/c.	21/01/2003		
15944	500HR service. Adjust brakes.	13/02/2003	6526	FM
15945	Diagnose miss in engine. Found no. 6 injector solenoid shorted. Remove injector.	14/02/2003	6529	
15946	Pick up injector and install. Start and check. Fit rubber to boom at clamps to prevent rubbing.	15/02/2003		
	Remove cutting edges. Turn routers. Hard fail check plates and bolt holes. Fit spare brake chamber to h rear.			
15947	Repair steering hose on pump.	25/02/2003		
15948	Repair blown ejector hose.	31/03/2003		
15949	Repair earth on hitch wiring.	4/04/2003		
15950	250HR service.	5/04/2003	6770	FM
15951	Service fire system.	22/04/2003	6782	
15952	Start to remove hitch cylinder. Hitch cylinder leaking.	10/05/2003		
15953	Remove hitch cylinder and h bowl cylinder to be resealed. Reman rod for bowl lift cylinder. Take to Wk Clayton to do nuts to torque.	14/05/2003	6804	
15954	Fit cylinders.	16/05/2003		
15955	Assemble hitch and check oil level.	17/05/2003		
15956	Remove exhaust system, guard and covers.	20/05/2003	6800	
15957	Diagnose for hard starting and cylinder fault(cracked injector tip).	21/05/2003		
15958	LH front wheel seal and muffler R&R.	22/05/2003		
15959	Replace LH front wheel seal.	22/05/2003		
15960	Fit injector and test. ET codes.	23/05/2003		
15961	Fit rear left brake chamber.	30/07/2003	6812	
15962	Replace RH/F planetary cover seal.	14/08/2003	6834	
15963	Replace RH/F planetary cover seal.	15/08/2003	6834	
	Replace seals on hitch pump hose.	18/08/2003	6834	
	Investigate steering pin not taking grease (RH/r).	2/09/2003		
	Remove and inspect RH/r steer pin.	20/09/2003	6883	
	Remove Hitch pump.	22/09/2003		
	Repair dry steer cylinder pin RH/r. Replace seal in hitch valve.	22/09/2003	6883	
1596	RH steer cylinder rear pin not getting grease. Installed part not line up with bearing. Make a groove in bore from grease fitting to center of bore. Installed bearings & tested air flow flow through drilling. Reinstalled cylinder & pin. Cleaned up.	22/09/2003	6883	
9	Install reman hitch pump. Repair oil leak from reman hitch pump.	23/09/2003	6883	
1597	Cushion hitch harsh. Checked accumulator pressure found rear to be at around 50 psi. Front at	25/09/2003		
0				
1597				
1				
	around 450 psi. Changed both to 510 psi. Checked pump pressure found to be at 2150 psi up lock pressure up to 2300 psi.			
15972	Reposition hand controls for retarder and hazards.	25/09/2003	6887	
15973	Remove hood and locate exhaust leaks.	28/09/2003	6887	
15974	Repair hitch wiring.	15/10/2003		
15975	Inspect fault in transmission.	1/11/2003		
15976	Replace tranny switch with switch from 7029	5/11/2003		
15977	Replace hitch pump hose.	13/11/2003	7045	
15978	Swapped hitch pump with 7029 adjusted trans and hyd oil levels and washer.	15/11/2003	7055	
15979	Inspect air system, safety valve u/s.	20/11/2003		
15980	Replace air safety valve. Refit air compressor governor.	25/11/2003	7092	
15981	Trans problem, swap, speed sensors, gear reflectors.	26/11/2003		
15982	Inspect fault in transmission. Check wiring and tranny switch.	26/11/2003	7098	
15983	Pick up new tranny switch from G&G and install.	27/11/2003	7100	
15984	A/C in out, okay when tested, check wiring, okay.	10/12/2003		
15985	Hitch seal leaking, check hitch pressure okay.	11/12/2003	7143	
15986	Reseal hitch cylinder, make nut spanner.	13/12/2003	7144	
15987	Locate blown hyd hose, LHG steer cylinder hose.	7/01/2004		
15988	Adjust brakes, blow out a/c filters.	15/01/2004		
	Check fuel setting on 651F scrapers. Download unit, fuel settings. Check fuel setting on 651E	24/01/2004		
15990	scrapers. Downloaded fuel settings.			
15991	Investigated no start, found fuel suppression to be low.	5/02/2004	7310	
15992	Adjusted a/c belt, rear ejector rollers, repaired fuel filter, door latch.	8/02/2004		
15993	Seat problem, adjusted wrong.	12/02/2004	7339	
15993	Repaired hitch pump relief oil leak.	18/02/2004		
15994	Repaired hitch pump oil leak. Adjusted ejector rollers.	23/02/2004	7395	
	Found cotton reel bolts broken, parked in dry area. Remove cotton reel. Replace bushes and refit cotton reel.	24/02/2004		
15996	Remove cotton reel clean parts, travel Mt K press in new rubbers.	26/02/2004	7397	
15997	Assisted fitting cotton reel.	27/02/2004		
15998	Replace cotton reel, replace belly plate hinges. Top tune Removed guards, rocker covers. Carried out valve set. Set all valves to spec. <math>0.015</math> inch and <math>0.30</math> inch. Reassembled machine. Cleaned up. Returned to G&G.	27/02/2004	7397	
15999	Repaired blown o'ring on sup steering pump.	2/03/2004	7398	
16000	Removed broken belly plate hinge bolts.	9/03/2004		
16001	Chased oil leak. Found sup-steering pump to be leaking from tell tail.	12/03/2004		
16002	Removed and fitted new sup steering pump.	13/03/2004	7444	
16003	Check for air leak. Found front brake relay to be u/s.	15/03/2004	7451	
16004	Fitted new brake air relay.	19/03/2004		
16005	500HR service.	30/03/2004	7496	FM
16006	Changed thermostats.	1/05/2004	7568	
16007	No air pressure repaired sticking air governor, inspect machine.	10/05/2004		
	Not building up air, resealed air compressor governor.	8/06/2004		
	Tighten hand pump, still leaking, order gasket.	9/06/2004		
	Oil leak, remove trans filter to hitch pump bearing hose.	22/06/2004	7630	
16011	Changed left hand steer cylinder with exchange. Removed right hand bowl lift cylinder. Replaced with Abi exchange.	23/06/2004		
16012	Replace hitch accumulator bracket, re-seal fire unit shuttle valve off diagnosis replace left side air cylinder remove right bowl lift cylinder. Both cylinder exchanges from Mt Kuring gai.	23/06/2004		
16013	Refitted right hand bowl cylinder.	24/06/2004	7622	
16014	Replace fire protection tubing, re seat shuttle, test for sealing and regas bottle. Refit bowl lift cylinder, help remove bonnets and exhaust tube, order parts.	24/06/2004	7622	
16015	Replace exhaust coupler from turbo, replace, repair all parts, run.	29/06/2004	7630	
16016	Changed leaking top radiator hoses.	1/07/2004		
16017	Fitted new MIMIC panel for Wormald system.	3/07/2004		
16018	Blow out all cab, air filters, cabs.	12/08/2004		
16019	Bring on implement pump.	7/04/2005		
16020	Replace guards, fill with oil and test.	8/04/2005		
16021	Hydraulic tank, fit tank.	3/05/2005		
16022	Wash parts for implement control reseat, order parts.	11/05/2005	7976	
16023	Wash and prepare for transport.	29/06/2005		
16024	Investigate slipping trans, okay, up shifts quickly but doesn't slip.	10/10/2005		
16025	Trans shift problem cleaned all connections seems okay.	13/10/2005	8200	
16026	250HR service.	21/10/2005	8242	FM
16027	Engine stalled, bled up fuel started and ran okay, will have to monitor. Engine stall. Cracked and bleed fuel system / Ran for about 2 then stalled again. Cracked fuel line to pump bleed. Ran for rest of day.	27/10/2005		
16028	Bottom ejector roller u/s, replaced with spare.	5/11/2005		
16029	Replace ejector roller.	14/12/2005	8487	
16030	Repairs to seat.	17/12/2005	8505	
16031	Adjust seat to stop topping out.	19/12/2005	8512	
16032	Turn edges, routers, tyres, grease brakes, weld engine door bracket, clean out evaporator.	7/01/2006	8550	
16033	500HR service.	9/01/2006		FM
16034	Electrical fault machine won't start. No start, look for open circuit to injector actuator solenoid.	11/01/2006		

16035	Machine wont start electrical fault at hevi pump. Find starting problem in scraper swap ecm's.	12/01/2006	8560	
	solenoid plug run, okay.			
16036	Fit new apron trigger switch. Fit new apron trigger switch.	14/01/2006	8560	
16037	Turn all edges and repairs. Repaired reverse alarm wiring.	7/02/2006	8650	
16038	250HR service.	7/03/2006	8750	PM
16039	C/O air compressor.	8/03/2006		
16040	Hard face inner check plates.	26/05/2006		
16041	Weld up and repair. Hard face inner check plates.	27/05/2006		
16042	R&R bolts in hydraulic pipes on draft arm. Tighten radiator hose clamps.	29/05/2006		
16043	Reseal ejector head.	2/06/2006	8847	
16044	Leveling valve, check valve in pressure side.	6/06/2006		
16045	Replace coolant flow sensor.	29/06/2006	8847	
16046	Air arc gouged cracks	27/11/2006	9105	
16047	Remove broken mudguard bracket.	13/02/2007		
16048	Steering flow light coming on check steering pressure 300psi down	15/02/2007	9198	
16049	Low engine power, used ET, checked parameters boost pressure.	17/02/2007		
16050	250HR service. Removed intake pipe inspected turbo, inspected fuel and oil lines	18/02/2007		PM
16051	Inspect engine oil leak at turbo.	21/02/2007		
16052	Repair to oil leak on drain tube of turbo	21/02/2007	9236	
16053	Finish replacing hardware around turbo& mechanical check	23/02/2007	1236	
16054	Cushion hitch missing solenoid. Rewire and c/o valve	24/02/2007	9236	
16055	Remove LH steer cylinder hyd hose from 7037 and fit to 7028 because of blown hose. Top up hyd oil	8/03/2007	9314	
16056	Make up bowl lift cyl hose Replaced blown hyd hose on RH bowl lift cyl	27/03/2007	9421	
16057	Mech check, lwr middle bellguard, check steer pump/hoses. 500HR serv.	5/04/2007	9479	PM
16058	Replace Pos 1 brake booster and adjust brake.	10/04/2007	9480	
16059	Finish off mech check differ magnet plus check hyd hoses.	16/04/2007	9510	
16060	Replaced no 2 injector due to slight misfire	4/05/2007	9569	
16061	Drill out broken bolt on hand rails & replace. Replace bulb in flashing light	7/05/2007	9575	
16062	Repair seat	20/06/2007	9721	
16063	Change out cutting edges, used new edges	20/06/2007	9722	
16064	250HR service and mech check, replace light globes, inspect cushion hitch pump leak, control valve leak, hyd hose leak on trailer and pump leak (steering), wash leaks and test and runback to pit	27/06/2007	9753	
16065	Try to free up Pos3 stack adjuster. Chase trans erratic shift diam.	10/07/2007	9770	
16066	Attempt to reseal relief valve on control valve. No luck. Made parts list.	13/07/2007		
16067	Try to reseal lift control relief valve. Still leaking. Made parts list.	13/07/2007	9774	
16068	Reseal control valve, relief valve.	17/07/2007	9774	
16203	Oil leak and contain.	18/07/2007	9774	
16069	Remove and replace control valve supply hose.	19/07/2007	9774	
16070	Remove and replace relief valve and hyd filters, cut and inspect filters, remove belly guard	25/07/2007	9775	
16071	Drain hyd and diff oils, remove supp steer fluid, steering pump and hydraulic pump	27/07/2007	9775	
16072	Repair hydraulics, clean up parts	28/07/2007	9775	
16073	Fit rear RHS brake booster, unseized adjuster	13/08/2007	9775	PM
	Reseal cushion hitch pump	14/08/2007	9775	
	Repair steering fault, adjust steering pressures	8/09/2007	9838	
	Reseal steering serve cyl and replace bigs	12/09/2007	9838	
	Repair engine door catch and fuel filter door latches	15/09/2007	9882	
	Adjusted seat linkson	17/09/2007	9888	
	Replace fasteners in steering column - repair windscreen wiper. Seat damper	18/09/2007	9887	
	Fit new rpe to ejector circuit	24/09/2007	9920	
	Recharge fire sep unit	29/09/2007	9960	
	Repaired door not opening, repaired broken bolts in hand-rail. Recharge fire suppression	6/10/2007	9982	
16083	system. Check for speed wobbles again	7/10/2007		
16084	Check and test steering pressures, adjust and set pilot pressures, adjust and set steering cyl pressures	8/10/2007	9988	
16085	2000HR service and mech check	11/10/2007	10041	PM
16086	Air drier desiccant - replace	16/10/2007		
16087	Cushion hitch not going up quickly, hydraulic tank leak	17/10/2007	10044	
16088	Check a/c	19/10/2007	10053	
16089	Replace cushion hitch check valve, change chitch pump with 7037, a/c compressor clutch not working	20/10/2007	10056	
16090	Check hitch for excessive movement	25/10/2007	10067	
16091	a/c compression, changed and re-gassed	28/10/2007	10078	
16092	Adjust seat levelling valve	18/11/2007	10168	
16093	Cushion hitch n/w - found stuck levelling valve	30/11/2007	10238	
16094	Cushion hitch fault, 250HR service.	1/12/2007	10230	PM
16095	Broken wire in cushion hitch harness	2/12/2007	10230	
16096	Mech check	3/12/2007	10237	
16097	Retarder failure	12/12/2007	10256	
16098	Fit retarder and pumps	14/12/2007	10255	
16099	Fit slipp steel pump and fittings	18/12/2007	10255	
16100	Retarder not working	27/12/2007	1027	
16101	Service batteries	28/12/2007	1037	
16102	Replace seat back cushion, fit head to barrel seal on load cyl and reassemble, replace broken belly guard bolts, Cushion hitch cyl failure, removed and inspected RH axle, fitted new cushion hitch pump hoses.	22/01/2008	10340	
16103	Cushion hitch locked down levelling valve spool stuck	14/02/2008	10504	
16104	500HR service and mech check	14/02/2008	10511	PM
16105	Mech check	16/02/2008		
16106	Mech check	17/02/2008		
16107	Batteries failed - reported short in a/c circuit	21/02/2008	10571	
16108	Dismantle bowl lift cylinder machine new rod	22/02/2008		
16109	Replace batteries. Repair apron switch on bowl lift lever.	22/02/2008	10571	
16110	Repaired seat, ordered more parts	24/02/2008	9676	
16111	Machine bowl lift cylinder	26/02/2008		
16112	Fabricate bowl lift cylinder rod	27/02/2008		
16113	Seat loose, order seat	29/02/2008		
16114	c/o seat	3/03/2008	10591	
16115	Mech check	17/03/2008	10707	
16116	Repair seat	20/03/2008	10927	
16117	G.E.T.	21/03/2008		
16118	250HR Service and mech check	23/03/2008	10753	PM
16119	No brakes, seat levelling valve	28/03/2008	10776	
16120	Checked out hitch, all bearings very worn	1/04/2008	10784	
16121	Fires - new drives	19/04/2008	10865	
16122	Prang.	25/04/2008	10905	
16123	Recharge fire suppression	2/05/2008	10945	
16124	1000HR Service and mech check.	9/05/2008	10995	PM
16125	Fit hydraulic pipe	15/05/2008	11041	
16126	Replaced valves in pos 1 and 2 tyres, replaced leaking retarder control valve, inspected oil leak, need to reseal front cover, welded up leaking manifold.	18/05/2008	11047	

16127	Pos 3 tyre	19/05/2008	11049	
16128	Ejector valve leaking, dismantled and resealed	29/05/2008	11099	
16129	Ejector speed valve leaking	10/06/2008	11130	
16130	Apron trigger playing up - air valve bypassing	05/06/2008	11157	
16131	Hydraulics aerating. Removed side of tank and found loose pipe and split hose - ordered parts.	05/06/2008	11159	
16132	Fit hydraulic tank. Hyd tank repairs.	7/06/2008	11159	
16133	Hyd tank repairs	8/06/2008	11159	
16134	Dismantled ready for transport	21/06/2008	11189	
16135	Clean machine for major rebuild	27/06/2008	11211	
16136	Prepare for disassembly	30/06/2008	11211	
16137	Disconnect draft arms & split machine	1/07/2008	11211	
16138	Jack up machine, drain all fluids, disconnect fire system & air-con unit	2/07/2008	11211	
16139	Remove radiator core & surrounds. Remove engine assembly.	3/07/2008	11211	
16140	Remove transmission & diff. Remove front wheels and disassemble final drives. Strip & inspect brakes. Send out radiator core for overhaul.	7/07/2008	11211	
16141	Remove cushion hitch assembly - disconnect steering rams etc.	8/07/2008	11211	
16142	Remove apron & ejector. Measure bowl floor & sides. Remove GET.	8/07/2008	11211	
16143	Strip engine & retarder assembly.	10/07/2008	11211	
16144	Strip transmission & hydraulic pumps. Cleanup & measure parts	14/07/2008	11211	
16145	Overhaul front brakes. Replace air drier. Replace brake boosters.	15/07/2008	11211	
16146	Strip cab - remove seat etc. Check electricals. Fabricate up handrails.	17/07/2008	11211	
16147	Fabricate draft arm guards. Repairs to apron.	17/07/2008	11211	
16148	Remove & strip ejector rollers. Repairs to ejector runners.	18/07/2008	11211	
16149	Strip differential.	18/07/2008	11211	
16150	Repairs to ejector. Strip & inspect hydraulic pumps.	21/07/2008	11211	
16151	Overhaul bowl lift cylinders, steering cylinders, ejector cylinder & apron cylinder.	21/07/2008	11211	
16152	Remove, disassemble & clean hydraulic tank. Remove & strip control valve.	22/07/2008	11211	
16153	Disassemble & overhaul cushion hitch. Line bore all mounts - horizontals & verticals + steering links & "Y" bar. Replace all pins & bushes	24/07/2008	11211	
16154	Replace inner bowl sides near router mounts.	25/07/2008	11211	
16155	Reassemble engine assembly. Fit new draft arm unions & apron unions.	25/07/2008	11211	
16156	Remove rear wheels & brakes. Reassemble ejector rollers.	28/07/2008	11211	
16157	Reassemble transmission & pumps. Overhaul cushion-hitch accumulators.	29/07/2008	11211	
16158	Remove & inspect hydraulic hoses.	29/07/2008	11211	
16159	Reassemble cushion hitch. Re-hose completely. Fit overhauled load cylinder & steering follow up cylinder.	30/07/2008	11211	
16160	Prepare engine for dyno test. Crack test draft arms.	31/07/2008	11211	
16161	Reassemble diff. Fit new handrails. Add new front step & railing.	4/08/2008	11211	
16162	Fit mudflaps to bowl cylinders. Refit hydraulic tank.	4/08/2008	11211	
16163	Send transmission for test at Weetstra.	7/08/2008	11211	
	Retit cushion hitch & pump up hoses. Bolt retarder to engine.	11/08/2008	11211	
	Full performance test to category, probe & couple Eng to dyno, primed oil & fuel system, ran Eng to full load as per test sheet. Eng developed 578 HP @ 1900 RPM. Reset wires & injectors washed down Eng ran to full load for final run. Eng developed 583 HP @ 1900 RPM & torque of 2036. FTLB @ 1300RPM no leaks visible all temps & pressures ok deprobed Eng & mixed dyn. Refit engine assembly. Refit radiator & cowings.	14/08/2008 14/08/2008		
	was Both differential to transmission and re-fit to machine. Reassemble front brakes. Assemble final		11211	11211
	was Finish off bowl repairs, refit ejector & cylinder. Reassemble rear brakes. Fit new brake boosters.		11211	11211
	was Rejoin tractor to bowl. Connect associated parts. Top up all oils. Add coolant. Fit draft arm		11211	11211
16169	protectors. Fit GET - new struts, rollers & routers.			
16170	Finish off handrails. Fit new seat. Service air-con system	22/08/2008	11211	
16171	Fit grease system - Hyden. Service fire system - Wormald. Refit apron. Fit new wiring harness. Check lights. Fit new beacon & reverse alarm.	26/08/2008	11211	
16172	Fit bonnet & guards	27/08/2008		11212
16173	Finish of hydraulic hose replacement - hitch area.	28/08/2008		11212
16174	Prepare for painting. Finish off cab.	29/08/2008		11212
16175	Paint & detail / Add decals	1/09/2008		11212
16176	Tint windows. Final check of electricals	5/09/2008		11212
16177	Fit belly guards & minor panels after painting.	10/09/2008		11212
16178	Final testing, checks & inspection.	10/09/2008		11212
16179	500HR service and mech check	16/10/2010	11497	PM
16180	Valve set	25/10/2010	11539	
16181	Replace seat levelling valve	27/10/2010	11540	
16182	Replace hitch harness	5/02/2010	11665	
16183	Repair cushion hitch wiring	11/02/2010	11588	
16200	250HR service and mech check	7/04/2010	11753	PM
	drives. Fit wheels & adjust wheel bearings. Add final drive oil. Fit new wheel bearings & adjust. Fit rear wheels & add oil.			
16182	Fit new autogreaser gauge	27/04/2010	11839	
16183	A/C fault locate earthed power wire to compressor	10/05/2010	11882	
16201	Replace short ejector pipe at rear of ejector weld up for spare	7/06/2010	12040	
16202	Weld floor rollers rails to floor	7/06/2010	12040	
16184	Replace front brake relay valve	16/06/2010	12068	
16185	Fit new front break dump valve	21/06/2010	12085	
16186	Replace 2 x front tyres as per report	12/07/2010		
16187	Seat cylinder replaced	12/07/2010		
16188	250HR service and mech check	17/07/2010	12236	PM
16189	Fit new snapped top apron pin	23/07/2010	12250	
16190	Bend and weld back on RHS bowl wear outer wear strip, replace seat HYD levelling valve	20/08/2010	12322	
16191	Replace seat hyd levelling valve	23/08/2010	12350	
16192	Hardface cheek plates, apron and leading edges	24/09/2010	12431	
16193	Apron trigger seat re-align bonnet	30/09/2010	12431	
16194	Repair wiring in bowl lever for apron trigger. Modify apron ejector pin to fit. Repair seat hyd	30/09/2010	12431	
	valve finally found levelling spool bores have sharp edge and seals being out in assemble from Cat Champher edges to run			
16205	Charge ch accumulators to correct pressures	5/10/2010	12432	
16195	250HR service cont	8/02/2011	12520	PM
35666	HYD oil leak found blown hose from steering control valve to screen removed hose.	16/03/2011	12615	
35667	Fitted new hose to steering control valve + top up HYD oil	17/03/2011	12615	
16196	Apron cylinder "top pin" broke and fell out. Reposition cylinder and fitted new pin.	21/03/2011	12627	
35670	Apron cylinder "top pin" broke + fell out. Re-position cylinder + fitted new pin	21/03/2011	12627	
16197	500HR service and mechanical check	12/04/2011	12747	PM
16198	Finish mechanical check and move shed	13/04/2011	12747	
35668	Blow hose on bottom of cushion hitch accumulator, removed hose & order parts	05/05/2011	12798	
35669	Fitted hoses to cushion hitch accumulators & re-charge	05/05/2011	12798	
613	Check auto greaser, suspect pump UIS start 1000 service	1/08/2011	12975	
560	auto greaser and ejector cut out not working - bleed air out of hydraulic at the auto greaser	2/08/2011	12976	Correct
656	Removed auto greaser pump dismantle & inspect ch hydraulic functions & ejector link out. Re-	2/08/2011	12976	
	fitted pump, isolate auto greaser & re-test ejector, reconnect hoses bleed oil lines to pump, bleed air from reservoir & from pump outlets. Adjust injectors.			
568	replace seat strut	3/08/2011	12976	Correct
607	Fitted new seat strut	3/08/2011	12976	
216	651E 4YR 1000HR SERVICE AND MECH CHECK	17/08/2011	12999	PM
709	Turned routers with new hardware. Drained and flushed coolant as per bad sample.	23/08/2011	13002	Correct
1024	Replaced fuel return pipe on front of goose neck.	3/09/2011	13065	Correct
32979	No a/c- faulty compressor. Flush system, replace compressor, TX valve and dryer.	20/09/2011	13107	Correct
33101	Replace blown hose. (Pos 2 ejector hose over torque tube)	27/09/2011	13142	Break

33616	Replace air compressor.		4/1/2011	13205	Correct
33773	Flipped outer cutting edges Adjusted a/c and alt belts Repaired indicators.		12/1/2011	13220	Correct
33870	Replaced broken rear vision mirror rhs.		18/1/2011	13245	Correct
33862	651E 4YR 250HR SERVICE AND MECHANICAL CHECK		22/1/2011	13248	PM
35012	Replace rear wiper. Replace cracked eng oil filler tube. Clean out radiator. Replace washer bottle		30/1/2011	13259	Correct
35098	Jump. Replace fog fire ext. Replace indicator stalk.		30/1/2011	13269	Correct
36838	Replace UHF mic.		14/01/2012	13421	Correct
37514	651E 4YR 500HR SERVICE AND MECHANICAL CHECK		5/03/2012	13586	PM
39367	Replace pos3 duo seal.		20/03/2012	13625	Correct
	Oil leak- replace seals on main imp pump hose. Replace air line fittings to retarder.		17/04/2012	13707	Break
	FIRE SUPPRESSION SYSTEM INSPECTION		15/05/2012		PM
	Offsite Repairs- replaced missing front steps and drilled out broken mount bolts for access		6/07/2012		Correct
	ladder, replaced leaking rear drain tap, gouged out and welded up small crack in gosseneck, replaced cab door glass sliding window seal, replaced all drive belts, re bushed bowl lever pivot, replaced all belly guard hinges, replaced broken isolator lock out hinge, replaced missing bolts in trans guard, resealed apron air valve, replaced missing cab filter door screws and retainers, replaced main implement hose, de mob for transport to Talmoor.				
44048	Check machine for Alternator failure - boiled batteries - parts ordered		20/07/2012		
44052	Replace batteries & alternator Carry out 250HR service - grease & fuel		21/07/2012	13748	
47944	651E 4YR 2000HR SERVICE AND MECHANICAL CHECK		29/08/2012	13986	PM
	Clean machine, remove panels, guards & belly plates. Separate tractor from bowl. Remove hitch assembly. Strip bowl for water cart conversion. Remove apron, apron cylinder, banana & links. Remove spill guards, ejector frame, ejector cylinder, ejector rails & sensors. Drain out liner plates, remove GET & routers. Cut out router mounts. Wormald - service fire system - level 2 @ MK.		7/04/2013 30/04/2014	14208	
	Complete water-cart conversion. Fabrication of baffles, piping, filler points, steps and access as well as fitting of the hydraulic drive system, electrical items and controls. Fit folding handrails to top of tank. Galvanise all items before painting. Test operation.			14220	
	Prep for site. Replace fuel line over hitch. Rectify E-stop in cab not working and fit label. Repair			14228	
	tom seat cushion. Fit 2 x new drive tyres. Fit new fire extinguisher. Carry out engine service - oil, fuel and air filters. Fire system service - Recon. Test operation of sprayers. Drain tank for transport.				
83841	replace supp steer hose, pump to screen.		31/01/2018	14271	
83827	inspect sprays, cutting out on there own		31/01/2018	14347	
83819	fit auto bleed valve on tank water pump		31/01/2018	14380	
	Repair fan drive - remove guards, fan and broken vee-belts. Replace belts and adjust. Refit parts, test and check. Cushion hitch not working. Test cushion hitch switch - ok. Test solenoid operation - ok. Test				
			12/02/2018	14432	
			15/02/2018	14451	
	case drain of pump - ok. Test accumulator pressure - ok. Found adjustment screw on compensator loose. Adjust screw, check pressure, test ok.				
83859	replace oring on bowl lift circuit		10/04/2018	14673	
83871	replace failed headlamp globes, grease fan hub, tighten bracket on engine		12/04/2018	14696	
84067	free up stuck T valve		3/05/2018	14730	
84001	inspect PBDA fault		23/07/2018		
84014	clean out water pump auto bleed valve		27/07/2018	15020	
84083	electrical fault, foud plug out of voltage controller		31/07/2018	15034	
84088	clean bleed valve		1/08/2018	15039	
83700	remove and clean bleed valve		8/08/2018	15041	
83926	re seal hitch cylinder, fit rebuilt accumulators - see documents		17/08/2018	15090	Planned
83929	charge accumulators, adjust front brakes, check over		18/08/2018	15099	
84420	Carry out 15,000hrs service and mechanical check.		21/08/2018	15105	
84471	replace burst steering hose - see documents		17/09/2018	15151	Break
84484	xsmn shift fault, harness disconnected on top of xsmn		20/09/2018	15159	
85782	inspect spray fault, cannot fault		24/09/2018	15165	Break
85626	Inspect and repair fire system - see documents		27/09/2018		PM
85727	repair hydraulic oil leak, wash down.....????? Repair threads in guard... - see documents		4/10/2018	15179	Correct
86363	Reseal LH steer cyl, ready for transport - see documents		21/10/2018		Break
85815	electrical repairs, short in rear work lamp		5/11/2018	15179	Correct
	re fit belly guards, repair seat suspension. Rotate steering cylinder rod to right orientation - see			15179	Break
	Carry out mechanical inspection. Clean down machine and detail cabin. Prepare for transport to			15178	
85966	WSA. Repair lights - see documents		30/11/2018	15181	Planned
91115	Cracked LH steer cylinder - see documents		10/10/2019	15232	Correct
87890	Carry out TA1 - see documents		6/02/2019		PM
85889	Carry out 250 hr service and mechanical check.		11/02/2019	15252	PM
91120	Unblock water sprays - see documents		15/02/2019		Correct
86159	adjust grease system to spec		3/04/2019	15438	Planned
87439	replace ball joint on bowl lever		27/05/2019	15579	Planned
87440	fire system fault		31/05/2019	15581	Break
87441	infate pos 3 tyre		21/08/2019	15740	Break
87442	infate pos 3 tyre		23/08/2019	15759	Break
87443	replace hitch pump, charge accumulators		28/08/2019	15768	Correct
87444	infate pos 3 tyre		5/09/2019	15788	Break
87445	remove & replace pos 3 tyre		6/09/2019	15788	Planned
86547	651E 4YR 500HR SERVICE AND MECHANICAL CHECK		10/09/2019		PM
87396	replace failed brake relay valve		27/09/2019	15889	Break
87397	replace failed RH steer cylinder - see documents		24/10/2019	15975	Break
87398	remove xsmn		28/10/2019	15975	Break
86447	Pump up Pos 1 tyre and place stand under machine.		28/01/2020		Planned
87303	651E 4YR 2000HR SERVICE AND MECHANICAL CHECK - see documents		30/01/2020	16014	PM
87201	Replace broken door spring		3/02/2020	16020	
87202	Start Cotton reel seal reseal		7/02/2020		
87673	Diff lock not working. Found diff lock solenoid bypassing air. Replace solenoid with new.		9/03/2020	16025	Break
88200	D				
88200	Replace rear booster, rectify sprays not working		22/04/2020	16028	Planned
88368	Repair wiring for spray system, found bad earth at control box		8/05/2020	16090	Break
88269	Replace failed coolant flow switch		14/05/2020	16133	Break
	Hitch not raising. Found pump compensator screw broken, temporary use bolt and lock nut to				
	adjust hitch pump pressure back to spec.				
88568	Replace leaking steer cylinder hoses. RH Barrel end and LH rod end.		11/06/2020	16243	Planned
88495	651E 4YR 250HR SERVICE AND MECHANICAL CHECK 16248hr 11/6/2020 see docs		11/06/2020	16248	PM
	Reseal RH water spray		12/06/2020	16248	Planned
	651E 4YR 500HR SERVICE AND MECHANICAL CHECK 16529hrs 25/7/2020 WSA See docs		25/07/2020	16529	PM
	Replace blocked Tx Valve. Regas and test system OK.		20/08/2020	16648	Correct
	Main water pump not priming. Clean out blocked suction screen (Full of Eels). Replace faulty auto bleed for water pump, plumb in hose and ball valve to manually bleed pump system while filling tank.		26/08/2020 5/09/2020	1665 5 1675 6 1464 4	Correct PM Correct
	POS 2 tyre slow leak. Found air leaking out of diff breather. Remove tyre found wheel rusted/cracked through. Replace wheel end with new assembly from MK. Replace bearings and all seals. Fit existing tyre back on wheel end. Replace brake drum with new.		13/10/2020		
89538	651E 4YR 1000HR SERVICE AND MECHANICAL CHECK 16993HRS WSA		19/10/2020	16993	PM
89771	651E 4YR 250HR SERVICE AND MECHANICAL CHECK 16757hrs WSA		21/10/2020	17910	Correct
90327	Replace blown 1U2474 Hydraulic hose		11/10/2021	12273	Correct
90274	651E 4YR 250HR SERVICE AND MECHANICAL CHECK 17274HRS WSA		22/01/2021		PM
91214	651E 4YR 500HR SERVICE AND MECHANICAL CHECK 1742HRS WSA		17/02/2021	17472	PM
91298	651E 4YR 250HR SERVICE AND MECHANICAL CHECK 17752HRS WSA		23/04/2021	17752	PM
91765	Weld cracked suction pipe to supp steer pump		26/05/2021	17850	Correct
92001	651E 4YR 2000HR SERVICE AND MECHANICAL CHECK 18012HRS WSA		3/07/2021	18012	PM
92218	Adjust all brakes		13/09/2021	18304	Correct

93611	651E 4YR 250HR SERVICE AND MECHANICAL CHECK, 1835hrs - see documents	18/09/2021	18353	PM
93612	651E 4YR 500HR SERVICE AND MECHANICAL CHECK, 1857hrs - see documents	30/10/2021	18572	PM
93613	651E 4YR 250HR SERVICE AND MECHANICAL CHECK, 1972hrs - see documents	13/12/2021	18726	PM
93614	651E 4YR 1000HR SERVICE AND MECHANICAL CHECK, 1926hrs - see documents	28/03/2022	19026	PM

93925	Remove Transmission and Diff. Bad SIDS samples in both. Found Diff pinion bearing major failure, Pinion teeth chipped/worn. Found milling at rear trans planetary. Replace Trans and Diff with rebuilt spares. Transmission out S/N Missing S/N plate, has LMF0702 stamped on side. Transmission in S/N: 4VAD1124.	26/05/2022	19024	Correct
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Number	Number	Description	Date	Reading	Type
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		Water entry into hydraulics. F hydraulic actuators, diaphragm Leaking POS 2 duo, Remove	21/03/2022	19064	Correct
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springs. Water entry in diff oil, found hub coolant housing cracked, drain hub coolant and re weld crack. Replace all bearings and seals with new.

93860	Remove, strip and reseal leaking supp steer pump	2/06/2022	19064	Correct
94211	Trans hold switch inop. Found pedal switch seized. Cleaned and lubed pedal.	7/06/2022	3597	Correct
94217	Inspect engine shut down fault - diagnose faulty idle shut down timer.	7/06/2022	3597	Correct
94372	Replace engine idle timer with updated style ex Roadrunner.	14/07/2022	19099	Correct

95204	Demob Repairs. Started on a mechanical inspection as per checklist sheet noting defects found. Started removing belly guards.			
95228	Demob Repairs Finished mechanical inspection as per checklist sheet. Made up parts list for repairs to be carried out. Started on repairs as per noted on mechanical inspection.	8/09/2022	19099	Correct
95247	Replaced seized door switch and reconnected hand brake alarm circuit. Replaced wipers. Replaced seat cylinder and hoses in seat base. Change out seat supply hoses from transmission filter housing to seat base. Replace broken hinges on fuel filter door and rell. Replaced latch on fuel filter door.	14/09/2022	19099	Correct
95262	Demob Repairs. Diagnose and repair RHS brake light, found wiring to tail light broken. Diagnose and repair park brake door alarm circuit found door alarm horn shorted out blowing the fuse. Lowered front belly guard and drained coolant. Replaced faulty coolant flow switch. Refilled coolant. Replaced fan, alternator and A/C belts. Reinstalled front belly guard.	3/10/2022	19099	Correct
95318	Demob Repairs. Tied to pull back POS 3 S cam back into position due to S cam walked out to reinstall circlip, but when doing so found that POS 3 slack adjuster seized ordered new S cam and slack adjuster to replace. Replaced all high hoses. Replaced numerous broken grease lines in hitch area. Installed indicator stalk and repaired indicator circuit tested indicators "all ok". Reclaimed hoses over top of hitch. Reinstalled panel under cab.	2/09/2022	19099	Correct
95558	Replaced faulty battery isolator. Remove POS3 wheel to replace seized slack adjuster, found brake drum excessive wear.	5/09/2022	19099	Correct
		6/09/2022	19099	Correct
		7/09/2022	19099	Correct

	Replace drum with new. Replace brake shoes. Replace S-Cam with refurb shaft. Replace slack adjuster with new.			
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95559	Reseal supp steer pump. Replace pump drive shaft due to groove in sealing surface.	14/09/2022	19099	Correct
95568	Replaced leaking rear park brake dump valve.	16/09/2022	19099	Correct
95578	Float out to MWF	19/09/2022	19104	Correct
95676	Machine inspection - found crack on goose neck and center post, mark for repair	6/10/2022	19111	Correct

96020	Diagnose hitch fault - circlip missing on pump drive adaptor - Order parts	25/10/2022		Correct
96047	Replaced cushion hitch pump drive retaining ring, run and OK	27/10/2022	19165	Correct
96166	Troubleshoot and repair spray system - solenoid coil for center spray loose - repair - OK	31/10/2022	19175	Correct
96241	Troubleshoot oil leak - bowl lift pipe UIS - remove & return to shop - prep for repair.	8/11/2022		Correct
96252	Refit repaired hydraulic pipe and test/check for leaks. Top off oils.	9/11/2022	19211	Correct
96690	Inspect bottom pin in goose neck to hitch not taking grease. Purge oil into grease fitting to	23/11/2022		Correct

96714	lubricate enough to get back to workshop. Continue trying to unblock grease passages in vertical hitch pins.	24/11/2022		Correct
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96888	Set up machine for split - set front & rear stands - check hitch - remove bottom hitch pins. (Cut hydraulic pins & modifications needed). Clean bores and inspection. Bore OK.	19/12/2022		Correct
96900	Clean bores, install hitch bearings, manual grease install centre pin, purge grease tanks.	19/12/2022		Correct

	Multiple hoses & fittings UIS. Fill grease pot & purge air - check operation of grease system - body pipe repair/welding. Finish off grease lines to new hitch and test.			
96861		4/12/2022	19312	Correct
96891	C/O 3 grease injectors - manual grease.	6/12/2022		Correct

98128	651E 4YR 500HR SERVICE AND MECHANICAL CHECK, 1947hr - see documents	8/01/2023	19476	PM
97029	500hr service cart, found brass in bottom suction screen.	8/01/2023	19476	Correct

97067	Clean down machine and setup for transmission change out. Assist transmission C/O.	12/01/2023	19478	Correct
97080	Prep transmission for removal - drain coolant for cooler C/O - fix up parts order for both jobs.	13/01/2023	19478	Correct
97100	Remove transmission - clean / prep for new transmission - fit new transmission - begin plumbing.	15/01/2023	19478	Correct

97627	Plumbed up transmission - refilled belly guard - dropped engine belly guard - removed transmission oil cooler.			
97851	Replaced transmission cooler - plumbed and filled oils & coolant - refilled belly guard - ran up machine check for leaks and topped levels. Drop other belly guard for pump access. Started cleaning for pump leak, inspection require further cleaning.			
97885	Finish washing down pump room troubleshoot oil leaks - reseal / steer pump suction pipe - replace / make near case drain hose - reseal implement pump hose - reseal fittings. Inspect for more leaks - tidy up housing and wiring in pump room. Make hose for machine.	18/01/2023		Correct
97899	Put back together - fitted oils - ran up. Bled steering - checked for leaks - RTW.	19/01/2023		Correct

			19478	
		16/01/2023		Correct
		17/01/2023	10970	Correct

97810	Troubleshoot and repair water fill fault - tied with rocks - blow back to tank with high air pressure.	06/02/2023	10986	Correct
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98633	651E 4YR 250HR SERVICE AND MECHANICAL CHECK, 1974hrs - see documents	18/03/2023	19744	PM
	Investigate faulty rear RHS spray. Disassembled and inspected. Reassemble. Remove OK.		19779	Correct
	Troubleshoot RH spray unit not working - test solenoid and supply - OK. Test hydraulic pressure compared to LH - OK. Internal spray fault - not rectified.		19894	Correct

98775	Adjust front brakes.	3/05/2023	19916	Correct
98776	Troubleshoot and temp repair coolant leak - radiator cap seal us make temp new one.	3/05/2023	19916	Correct
99787	651E 4YR 2000HR SERVICE AND MECHANICAL CHECK, 19992hrs - see documents	13/05/2023	19992	PM
99514	Investigate RHR spray not working. Solenoid wiring loose.	21/06/2023	20132	Correct
99559	Repair rear spray solenoid mounting.	27/06/2023	20140	Correct

	Investigate coolant light activation. Check coolant level - ok. Check sensor plugs and wiring. Faulty wiring on coolant temp sensor. Patch for now and order new sensor. Turbo diagnostic - clean up and seal up. Troubleshoot low power / carry out injector out test			
		16/07/2023	20231	Correct
		18/07/2023	20239	Correct

	ok (10 doesn't seem to be doing heaps) inspect turbo (turbo lift suspect) - carry out full stall boost test - full stall 4psi - spec 20psi - moderate exhaust leaks but points to turbo failure.			
99712	Investigate excessive engine smoke condition.	19/07/2023	20233	Correct
99727	Install exhaust muffler and piping, tidy machine for moving, install intakes, move machine	20/07/2023	20240	Correct
99788	651E 4YR 250HR SERVICE AND MECHANICAL CHECK, 20240hrs - see documents	20/07/2023	20240	PM
100078	651E 4YR 500HR SERVICE AND MECHANICAL CHECK, 20590hrs - see documents	11/10/2023	20590	PM

100302	Replace air compressor governor,	14/10/2023		Correct
100303	Replace cab filters.	16/10/2023		PM
101293	Wash & fit belly guards	19/05/2024	20594	Correct
101294	Detail cab	20/05/2024	20594	Correct