

Stock No: APH00861

Bell B45E Articulated 45T Dump Truck

Serial No: AEBA845EA01205995

Reg No:

Cat: DTRK45

Year: 2017

Provisional?:

Supplier:

Model: Bell Dump Truck

Under Repair?

**Log**

<u>Date</u>	<u>Type</u>	<u>Description</u>	<u>Meter</u>	<u>Labour</u>	<u>Parts</u>
7/31/2024	METER	End contract B8474 (@ 8153 Hours)	8153		
7/25/2024	REPAIR	MPLG: Remove and replace seat (@ 8119 Hours)	8119	\$225.00	
7/16/2024	OTHER	Komatsu: Supply 1 x clamp			\$150.36
6/17/2024	OTHER	Hitachi: Supply Harness			\$204.02
6/12/2024	OTHER	Repco: Supply Emergency stop switch and e-stop through panel			\$273.00
5/27/2024	METER	Start contract B8474 (@ 7787 Hours)	7787		
5/24/2024	REPAIR	MPLG: AC power supply fault		\$431.25	
5/10/2024	OTHER	Hitachi: Supply Harness			\$204.02
5/9/2024	REPAIR	MPLG: Electrical faults steer ram bearings (@ 7787 Hours)	7787	\$900.00	
5/7/2024	OTHER	Napa: Supply 2 x Led work lights			\$101.00
4/30/2024	REPAIR	MPLG: Repair engine harness		\$412.50	
4/28/2024	REPAIR	HeavyQuip: Request to move and replace articulation rod and pins and bushes. Setup machine for repair. Remove and installed bushed.		\$520.00	
4/10/2024	REPAIR	MPLG: Engine harness		\$150.00	
4/4/2024	REPAIR	MPL: Reset fan hub and check harness		\$187.50	
4/3/2024	OTHER	Hitachi: Supply Plug, fan coupling			\$136.44
3/18/2024	REPAIR	MPLG: Electrical fault fan hub harness		\$300.00	
3/15/2024	METER	End contract B8142 (@ 7784 Hours)	7784		
3/13/2024	REPAIR	MPLG: Replace engine fan hub		\$393.75	
3/13/2024	OTHER	Hitachi: Supply Viscous clutch			\$3,019.53
3/12/2024	REPAIR	MPLG: Check for noise when loaded, repair UHF radio		\$543.75	

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3/5/2024	METER	Start contract B8142 (@ 7724 Hours)	7724		
2/19/2024	OTHER	Industrial Diesel Repairs: Supply expanding pin, o-ring, spherical bearing, internal circlip, bearing assy, seal, oil, artic pin, joint artic pin, expanding cone, spacer		\$3,165.09	
1/1/2024	METER	End contract B7645 (@ 7724 Hours)	7724		
11/29/2023	REPAIR	Carroll Tyres: fit tyre to crack test rim in store. Travel to site, bolt on Pos 3. Supply Galaxy 29.5R25 Tyre, earthmover spud, earthmover valve, 25" o-ring (@ 7648 Hours)	7648	\$880.00	\$3,906.82
11/24/2023	REPAIR	Hitachi: Calibrate EGR Valve: Connected to the Xentry tool and diagnosed fault. Found it was still active and couldnt calibrate. Inspected the wiring and connections, cleaned contacts and the fault cleared. Calibrated the EGR valve, completed onsite report		\$658.75	\$232.23
11/17/2023	REPAIR	RDS: DROP RIM OFF AT KENWAY TO GET FIXED AND TESTED (@ 7648 Hours)	7648	\$130.00	
11/17/2023	OTHER	Carroll Tyres: Supply 1 x Galaxy 29.5R25 tyre, o-ring, sealzit. Fit new tyre to machine		\$225.00	\$3,962.96
11/16/2023	OTHER	Hastings: Suply Harness as			\$191.97
11/14/2023	REPAIR	RDS: Remove fuel sender. Cleaned up the ball so it moved up and down. Removed hyd tank cover plate, replaced gasket. Tested to make sure it wasnt leaking.		\$260.00	
11/5/2023	REPAIR	HeavyQuip: Remove fire suppression bottles from machine. Remove discharge hose and capped off. Relieved nitrogen charge pressure in system. Removed fire suppression bottle. Checked over machine whilst onsite		\$260.00	\$33.78

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11/3/2023	METER	Start contract B7645 (@ 7568 Hours)	7568	
10/11/2023	REPAIR	SS: Inspect truck. Repaired wiring for wet brake system. Start stripping pin wheel to replace bearings		\$550.00
9/1/2023	SERVICE	SS: Complete 500hr service as per manufactures specifications. Found fault in the grease system. Purged grease system fault still there. Checked all wiring. Found intermittant current in CAN wiring. Traced up o-ring under cab and found rubed broken wore. Repaired wire. Tested OK (@ 7568 Hours)	7568	\$425.00
8/17/2023	METER	End contract B7348 (@ 7567 Hours)	7567	
8/15/2023	REPAIR	GNG Mechanical: Removed broken def strap on rear tailgate, filled grease pot. Greased independant nipples, bleed grease system, checked ok and report		\$349.00
7/30/2023	OTHER	Hitachi - Supply Towbar and servomotor		\$3,627.00
7/21/2023	REPAIR	HeavyQuip: - Request to replace EGR servo valve - Remove servo valve assembly from APH0860 in yard - Remove faulty servo valve from machine onsite and install replacement servo valve - Topped up coolant level - Operated machine with operator through two loads and confirmed fault now repaired (@ 7408 Hours)	7408	\$695.18

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7/19/2023	REPAIR	Hitachi: Ignition on noticed EGR stepper motor would not cycle Checked linkage and found worn Used xentry tool to force actuation. Was stuck at 50% and duty cycle could not be adjusted Removed plug from motor and cleaned and inspected Plugged back in and completed egr learn and was able to get the actuator to cycle through range of motion. Tried to manual actuate through PC and was able to get actuation from 0% to 74% and clear code Test drove truck and fault returned and lost actuation of stepper motor Stepper motor to be replaced as well as linkage Comments : Called to machine for engine fault Ignition on noticed EGR stepper motor would not cycle Checked linkage and found worn Used xentry tool to force actuation. Was stuck at 50% and duty cycle could not be adjusted Removed plug from motor and cleaned and inspected Plugged back in and completed egr learn and was able to get the actuator to cycle through range of motion. Tried to manual actuate through PC and was able to get actuation from 0% to 74% and clear code Test drove truck and fault returned and lost actuation of stepper motor Stepper motor to be replaced as well as linkage (@ 7404 Hours)	7404	\$630.00	\$148.50
7/19/2023	OTHER	Hitachi: Subscription of Airtime, classic for 3 months			\$461.68
7/11/2023	METER	Start contract B7348 (@ 7408 Hours)	7408		

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6/28/2023	OTHER	O'Connell - Fit resealed RH suspension strut back into machine. Raise up and fill with oil, lower and set to specification on oil quantity. Fit Wheel ann lower machine. Charge with nitrogen to specification. Check LH side as well. All ok, Torque wheel nuts and strut mounting bolts. (Took time due to scope of job on own). Run machine and check oil leaks that were repaired. All ok. Lower cab and secure cabin. Refit all panels. Refit o'ring and clamp around centre rotating bush. Remove mahine from workshop and clean up work area. (@ 7355 Hours)	7355	
6/27/2023	OTHER	A.T Hydraulics- Labour to strip Cylinder Flex hone barrel, high speed polish gland and poston, polish rod, clean parts for assembly,fit supplied seal kit, assemble and bench test.		\$1,036.75
6/26/2023	OTHER	O'Connell DFC -Carry out checks on RH side strut as required to ensure leakage due to nothing obvious, when pressuried there was small leak so continued to remove and prepare for repair. Jack truck up and down on front right while greasing to attempt to get more grease into rotary joint due to being very notchy. Tilt cabin and investigate oil leaks from main hydraulic pressure valve. Found multiple leaking fittings at valve. Removed hoses and fittings and resealed valve leaks as required. (@ 7355 Hours)	7355	
6/23/2023	REPAIR	SS: Removal of strut (@ 7354 Hours)	7354	\$247.50

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6/21/2023	REPAIR	O'Connell DFC: Bring machine into workshop. Replace rubbers on damaged RH step from previous hire, Remove grease line from centre brass bush due to very clunky. Found grease gone solid in line. Dug out grease and pumped full of fresh grease. Refitted auto grease line.		\$380.00	
6/2/2023	REPAIR	O'Connell DFC: Jack up truck to remove RH front wheel, As being jacked up noticed bad notch/binding in centre hitch. Jacked up hitch and checked for movement in hitch but couldnt find any. Removed o'ring seal from around hitch and all looks very dry. Will attempt to fill with grease and rotate. Jacked truck back up on wheel and set on stand.		\$190.00	
5/26/2023	OTHER	Hitachi: Seal kit and strap			\$797.93
5/18/2023	METER	End contract B6970 (@ 7354 Hours)	7354		
4/26/2023	OTHER	Carroll Tyres: Supply Maxam stk 29.5R25 tyre x 1, Fit Stk clean r/o pos 1 on adt of aph00861		\$660.00	\$1,022.72
4/24/2023	REPAIR	Carroll Tyres: Strip Pos 1, inspect tyre for slow leak. Found old patch lifted and run flat.		\$220.00	
4/20/2023	REPAIR	Carroll Tyres: Strip and fit customer own Pos 3 & Pos # IS Dump due to side wall failure of old tyre (@ 7237 Hours)	7237	\$770.00	\$22.73
4/13/2023	REPAIR	Carroll Tyres: Repair/replace tyre spurs and o-rings		\$660.00	\$22.73

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4/6/2023	REPAIR	Carroll Tyres: Pick up new tyres from A-Plant yard. Travel to site and fit 2 x new Pos 5 & 6 replace valve and clean rims x Pos 5 has rock impact in middle crown. Ex Pos 6 good for spare. Parts: O-rings, earthmover spud, valve, sealzit		\$550.00	\$270.73
4/4/2023	REPAIR	Carroll Tyres: PICK TYRE UP FROM A-PLANT YARD TRAVELL TO SITE INSPECT POS 1 FOUND VALVE LEAKING HAD TROUBLE STRIPING TYRE DUR TO DIRT AND RUST BUILD IN TYRE AND STUCK ON WHEEL CLEAN UP REPLACE VALVES AND ADD SEALZIT		\$800.00	\$203.86
3/30/2023	REPAIR	O'Connell DFC: Travel to site and gain access to machines, note site was extremely wet so was slow going. Removed broken tailgate strap lower pivot. Assembled new bearing into new pivot with retaining ring. Fitted pivot with spacers to mount and then attached spring to pivot. Is difficult to do on own due to spring tension but managed to get seccured. Tested function. All ok. Pump up both front tyres due to both low (30psi) with small leaks in tread section on tyres. (@ 7182 Hours)	7182	\$255.00	
3/29/2023	OTHER	Hitachi - Mounting leaf and Pin			\$454.31
3/28/2023	REPAIR	O'Connell DFC: Pulled up truck due to seeing RH side step hanging off. Removed step and had quick look at truck. Saw RH lower tailgate strap pivot cracked badly and about to break. Organised parts from Hitachi. (@ 7168 Hours)	7168	\$85.00	

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3/28/2023	OTHER	Hitachi: Supply Bearings, circlip and pins to repair tailgate step broken		\$355.94
3/9/2023	REPAIR	Carroll Tyres: Repair tyre had major repair fail on side wall		\$770.00 \$22.73
3/6/2023	REPAIR	Oconnell DFC: Investigate auto difflock engagement fault on dash. Appears to be a fault electically in 12v circuit causing interfearence to system causing system fault. Got assistance from bell and turned auto function off through factory settings. Full manual operation still working. Truck still fully operational. Run operator through some basic checks of machine due to have never operated one before. (@ 7065 Hours)	7065	\$85.00
3/6/2023	METER	Start contract B6970 (@ 7059 Hours)	7059	
3/3/2023	REPAIR	Oconnell DFC: Replace spherical bearings inside tailgate straps. Took time due to worn and siezed. Replace mounting lugs under tub for clamps to run grease hoses to tub tailgate pivots. Drill out and tap mounting bolts on LH side of tub hose protectors. Change over pos 4 tyre due to slow leak and had a replacement rim/tyre avaiable. Fuel up machine and top up auto greaser. Carry out on-hire inspection. (@ 7056 Hours)	7056	\$637.50
3/2/2023	OTHER	Hitachi: Bearing and circlip supplied		\$373.91



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3/2/2023	OTHER	Oconnell DFC: Carry out repairs on tail gave pivots due to all 3 reused pivots cracked. Straightened and strengthened. Rewelded lifting eye onto rear section of tail gate to be able to lift safely. Filled tailgate in sections to machine. Tighten all bolts and check adjustment. All ok. Fit auto greaser lines and check operation. Investigate movement in front LH corner of truck but no further progress made on isolating issue. (@ 7056 Hours)	7056	\$765.00	
2/24/2023	SERVICE	Oconnell DFC: Major service as per manufactures specifications. Grease truck and start to carry out repairs on broken lower pivots on tailgate. Refit belly plates from cleaning and service. (@ 7055 Hours)	7055	\$340.00	
2/23/2023	REPAIR	Oconnell DFC: Jack up truck and check all wheel ends for wear. Change all final drive oils and diff oils. Finish topping up WDB fluid. Change engine oil filter and oil. Check over truck and running gear. All ok. (@ 7057 Hours)	7057	\$680.00	
2/22/2023	REPAIR	YHH: Supply and fit new grease line and clamps to damaged tailgate grease lines		\$106.00	\$120.00
2/22/2023	REPAIR	Oconnell DFC: Carry out repairs on RH side step. Replace air filters in machine. replace WDB oil in tank due to badly discoloured. Organise replacement of grease lines and fittings for tail gate. Order futher parts required to fit tailgate. Investigate Shudder or bad clonk in rear end of truck. Checked oils and carried out some basic checks but further investigation required. (@ 7057 Hours)	7057	\$382.50	

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2/1/2023	METER	End contract B5874 (@ 7057 Hours)	7057	
1/5/2023	REPAIR	Oconnell DFC: Travel to site and investigate 2 way radio not working. Found unit not to be receiving conversation. Replaced unit with new one from the office. Test for operation. All ok. (@ 7033 Hours)	7033	\$127.50
11/28/2022	REPAIR	O'Connell DFC: Travel to site to investigate water leak. Found heater hose from engine to inside cabin had split. Remove hose, took time due to location and tilting cab, Source and fit new hose. Run up machine. All ok. Return from site. (@ 6871 Hours)	6871	\$170.00
11/16/2022	REPAIR	O'Connell DFC: Finish assembling cooling pack at work shop. Load cooling pack onto ute and take to site. Fit condenser and charge air cooling pipe to cooling pack and attach shroud to completed pack. Get assistance from site to lower into truck with their crane. Mount cooling pack and fit all piping and connections. Took time. Fit new fan belts. Fit fan and fan hub. Fill with coolant and organise a/c to be regassed. Run up machine and take for test run. All ok. Top up levels and double check. Fit mesh shadecloth to grille as requested. All ok. Return to yard. (@ 6816 Hours)	6816	\$850.00

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11/16/2022	REPAIR	Yatala Truck & Electrical: Date of Service -16/11/22 Asset / Rego - Bell B45E 5995 Details -Proceed to site fit new Orings, vac and Regas system as required. test all operation ok.		\$370.00
11/15/2022	REPAIR	O'Connell DFC: Investigate faults on while operating. Machine overheating again. Park up machine and remove cooling pack. Took time due to big job. Bring back to workshop. Seperate and clean. Start to reassemble cooling pack to refit to machine tomorrow. (@ 6816 Hours)	6816	\$595.00
11/14/2022	REPAIR	O'Connell DFC: Investigate water leak on truck. Found the upper bleed water hose was leaking and very weak. Sourced new hose and hose clamps. Returned to site and fitted hose. Filled with coolant and test run truck. All ok. Put machine back to work. (@ 6814 Hours)	6814	\$170.00
11/2/2022	REPAIR	O'Connell DFC: Travel to site, investigate Blocked air filter for extended time error on screen. Cleaned out filters. Removed sensor and cleaned out. Reset computer fault. Test run. All ok. Return to workshop. (@ 6757 Hours)	6757	\$170.00
10/28/2022	REPAIR	Heavy Quip: Complaint of engine overheating - Inspection found radiator cores blocked - Cleaned out cores as best as possible and operated machine - Checked fluid levels. All OK (@ 6742 Hours)	6742	\$160.00

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10/26/2022	REPAIR	O'Connell DFC: While onsite check machine for overheating. Header tank low in coolant. Topped up and chevked for leaks, all ok. Found coolers very blocked. Require cleaning or removal and cleaning. Advised site fitter and he will clean due to being cause of the enviroment its operating in. return to workshop.		\$127.50	
9/16/2022	REPAIR	O'Connell DFC: Travel to site and fit new header tank. Change over sensors and all fittings. Fill with coolant and run up machine. All ok. Double check all fittings and connections. Put machine back to work and return to workshop. (@ 6574 Hours)	6574	\$160.00	
9/15/2022	OTHER	Hitachi: Coolant expansion tank			\$1,663.59
9/14/2022	REPAIR	O'Connell DFC: Travel to site and investigate water leak. Found header tank was leaking through join. Remove tank. return to workshop. Source tank. (@ 6573 Hours)	6573	\$320.00	
9/10/2022	REPAIR	OCONELL DFC: Travel to site, Jack cab up and check drive shaft repair on prop shaft. Loosen and push further up pump shaft. Grease and tighten. All ok. Refitit panels and lower cab. All ok. return to yard. (@ 6569 Hours)	6569	\$160.00	
9/7/2022	REPAIR	Yatala Hydraulic Hose: Fix leak at cab tilt cylinder		\$106.00	\$24.11

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9/7/2022	REPAIR	OCONNELL DFC: Travel to site and investigate knocking under cabin. Suspect PTO drive shaft has become dislodged pump end. Attempted to tilt cabin but blew cab tilt hose. Returning in morning to lift cab with machine and get hose repaired. Load up for site, travel to site and manually lift cab with machine. Assist in repair of cab tilt fitting cracked. Inspect and pressure test hoses. All ok. Replace fittings and bleed system. All ok. Remove all covers to access PTO shaft. Re-seat pto shaft yoke back on hydraulic pump (took time due to damaged spline). refit all covers. Test. All ok. Lower cab and pack up from job. All ok, return to workshop. (@ 6536 Hours)	6536	\$560.00
8/25/2022	REPAIR	OCONNELL DFC: Travel to siter and investigate door not opening. Take door off hinge and open door. Found door out of adjustemnt, Adjusted hinges and striker. Lubed up all moving parts. Started machine and check for other faults. All ok. return to workshop. (@ 6500 Hours)	6500	\$160.00
8/23/2022	OTHER	HITACHI: Fuel Sender		\$477.23
8/23/2022	OTHER	HITACHI: 500HR service kit		\$204.31

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8/22/2022 REPAIR 6463 \$480.00

OCONNELL DFC: Travel to site and remove brake booster from parking brake. Machine was very dirty so had to clean area. Remove booster and disc brake pads. Pick up new booster and pads. Due to different mounting on aftermarket booster, change over service brake chamber on booster to gain same mounting pattern. Weld clevis onto new booster rod. Fit new pads into caliper and adjust. Fit new booster and actuator arm. Adjust brake. Fit all covers and guards. Test run truck. Brake all working well. No air leak and truck all operational. Organise service kit (@ 6463 Hours)

8/19/2022 REPAIR 6479 \$80.00

OCONNELL DFC: Gain access to truck and refit RH side arm rest that had fallen off. Refit roll pin and secure. All ok. Check 2 way radio operation. Found aerial loose in back so tightened. Checked operation. All ok. Returned to yard (@ 6479 Hours)

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8/2/2022	REPAIR	YTEE: Proceed to site check a/c fault, found faulty compressor. Pick up compressor. Pick up parts off a plant Proceed to site. Remove compressor and receiver dryer. Found contamination has blocked the system. Flush condensor and remove all panels in the cab to access tx valve and evaporator. Try to remove tx valve and fitting was seized. Work fitting until it released. Flush all hoses and evaporator. Fit new compressor, receiver dryer, tx valve as required. Vac system, fit all panels, regas and test all operation ok	6357	\$900.00	\$923.00
8/1/2022	REPAIR	OCONNELL DFC: Travel to site with new alternator, Remove old alternator and fit new alternator. Jump start and test. Take for a run to charge batteries. Alternator all ok. Check hydraulic leak and identify leak from filter housing. Tighten housing and will top up oil in morning. (@ 6357 Hours)	6357	\$200.00	
8/1/2022	REPAIR	OCONNELL DFC: Travel to site and investigate battery light on. Found alternator not charging. Source new alternator. return to yard. (@ 6357 Hours)	6357	\$80.00	
7/26/2022	OTHER	HITACHI: TX valve, dryer			\$355.70

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7/20/2022	REPAIR	Oconnell DFC: Travelled to site due to bin not lowering. Checked all fluid levels and mechanical check over. All was ok and no fault found. Went for run with operator and found no issues. Couldnt get to fault at all, suspect bad angle or rubbish stuck while lowering the bin. Auto grease not working, purged system through bleeding air from all joins then run line tests on a and b and all tested ok. Put machine back to work. (@ 6317 Hours)	6317	\$240.00
7/14/2022	REPAIR	OCONNELL: Travel to site and investigate wiring issue with load light pole not working. Traced all wiring and found wiring rubbed through where it goes through cabin. Rewire and conduit wiring. Check operation. All ok. Check over truck while onsite. (@ 6305 Hours)	6305	\$320.00
7/5/2022	REPAIR	Oçonnell DFC: Travel to site and look at broken tailgate straps. Decided to remove tailgates to eliminate the ongoing issue of rubbish getting stuck causing extra stress on straps and breaking. Removed tailgates onsite. Investigate grease fault. Topped up greaser and purged system due to run dry. All ok return to yard. (@ 6293 Hours)	6293	\$280.00
6/14/2022	OTHER	Next Service - meter reading postponed from 6284		
6/2/2022	OTHER	HITACHI- 1 x spring, 1 x retainer		\$425.08



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5/30/2022	REPAIR	O'Connell DFC: Source and pick up new tail gate strap. Travel to site and fit new tail gate strap. Fit new overflow hose to radiator due to leaking. Machine all ok (@ 6208 Hours)	6208	\$160.00	
5/30/2022	OTHER	HITACHI- 1 xspring, 1 x retainer			\$425.08
5/28/2022	SERVICE	O'Connell DFC: carry out 1000hr service onsite. Machine has been tagged 'out of service' due to broken tail gate strap and radiator overflow hose coolant leak. Will look at parts monday for repairs. (@ 6208 Hours)	6208	\$600.00	
5/3/2022	REPAIR	YTEE: Proceed to site, diagnose and fault find problem with AC system not working properly. Connect gauges and diagnose system is low on gas, pressurised system with nitrogen and discover the leak is coming from a crimp. Chop it off and recrimp a new fitting. Pressurised system again, it's holding pressure. Vac system down and regas test all operation ok		\$275.00	\$133.00
4/13/2022	OTHER	HITACHI - 2000/4000 kit			\$1,576.95
4/4/2022	REPAIR	HEAVYQUIP: Operator complaint of engine knock - Confirmed fault with abnormal engine noise on startup - Removed rocker cover and inspected. Everything on top end of engine appears ok - Advised that machine would need to be floated back to workshop to get off haul road to correctly identify fault (@ 6034 Hours)	6034	\$240.00	

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3/11/2022 REPAIR OCONNELL DFC - Investigate hydraulic level fault. Changes over level sensors & adjusted oil levels. Rremove park brake calliper and piston unit from caliper. Dismantled and freed up seized components. Assemble park brake together, check operation ok. Put up head board and removed number plate. Assist in taking to site and handing over (@ 5878 Hours)

5878 \$520.00

3/10/2022 REPAIR OCONNELL DFC - Carry out full check over acquired machine. Replace batteries. Reroute fan belt due to running incorrectly, check all oils, fully grease mahcine. Swap auto greases due to current one faulty (internal short). Fit tracker. (@ 5879 Hours)

5879 \$600.00

\$27,927.93 \$29,694.04