

Stock No: APH00862

Bell B45E Articulated 45T Dump Truck

Serial No: AEBA845EA01206020

Reg No: 50550E

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>
8/1/2024	OTHER	ISRI Seats: Seat shock absorber adjustable and outer lever			\$588.10
7/31/2024	REPAIR	MPLG: R&R Pos 3 brake cooling pipe		\$412.50	
7/24/2024	REPAIR	MPLG: Remove seat		\$75.00	
7/16/2024	METER	End contract B8618 (@ 7710 Hours)	7710		
7/10/2024	REPAIR	A&C Auto Electrics: Diagnose AC fault, nitrogen test found compressor seats leaking, supplied and fitted new compressor and rec/drier, vac tested and regassed, topped up coolant and rechecked. Parts: compressor, re/drier, coolant, regas		\$1,235.00	\$1,176.36
7/8/2024	REPAIR	MPLG: Check AC Fault		\$337.50	
7/1/2024	METER	Start contract B8618 (@ 7654 Hours)	7654		
6/27/2024	REPAIR	MPLG: Repair lights replace 12V actuator harness, check over and prep for float (@ 7656 Hours)	7656	\$900.00	
6/12/2024	REPAIR	MPLG: Grease system and e-stop fault		\$750.00	
6/10/2024	REPAIR	MPLG: Grease system repairs		\$712.50	
6/9/2024	REPAIR	PCS Engineering: Line bore all bores in front section to suit pins and sleeves Set-up labour to set-up job Consumables		\$2,080.00	\$200.00

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6/6/2024 REPAIR HeavyQuip: Finalise steering cylinder mounting by tightening retaining hardware to standard torques 7654 \$1,110.00

- Manually greased centre articulation pins and steering cylinder rod ends due to auto greaser not working/connected currently
- Routed hosing going from front frame to rear frame through labelled rubber coupling
- Wrapped spiral wrap around hoses
- Checked all fluid levels. All ok
- Carried out inspection of machine and noted to service manager that emergency stop switches on machine bypassed and not working
- Operated machine in forward and reverse directions whilst articulating
- Testing all ok
- Auto greaser system to be repaired by another contractor as advised (@ 7654 Hours)

6/4/2024 REPAIR HeavyQuip: Required to clean all new aftermarket supplied parts for centre hitch 7654 \$1,760.00

- Rust preventative film and rust evident on all parts
- Cleaned all parts to best possible outcome
- Replaced articulation bearings
- With use of excavator connected to front of machine and connected front and rear frames back together (@ 7654 Hours)

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6/4/2024	REPAIR	HeavyQuip: Install new supplied aftermarket articulation pins, retainers and bolts - Required to re-use old shims for top pin as replacements not provided - Advised service manager that without specifications required exact shims required can't be calculated accurately and therefor no guarantees can be provided on future possible movement or faults - All hardware tightened to standard torqued as OEM couldn't supply correct specifications when required - Service advisor noted of this (@ 7654 Hours)	7654	\$980.00
6/4/2024	OTHER	Hitachi: Supply 4 x Capscrew, GR12.9 modified head		\$370.20
5/22/2024	REPAIR	MPLG: Remove hoses to allow access for line bore		\$618.75
5/22/2024	OTHER	Pirtek: Supply male plugs, female SW caps, male JIC plugs, male BSPT plug		\$312.37
5/9/2024	REPAIR	MPLG: Articulation repair (@ 7654 Hours)	7654	\$75.00
5/1/2024	REPAIR	MPLG: Articulation repair		\$393.75
4/30/2024	REPAIR	HeavyQuip: Continue on removing required parts to seperate front and rear frames - Centre hitch pins extremely tight - Seperate both frames and placed onto suitable stands for support - Cleaned all surfaces for inspection and assembly - Removed rod end articulation cylinder spherical bearing and installed supplied replacements (@ 7654 Hours)	7654	\$980.00

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4/26/2024	REPAIR	HeavyQuip: Relocate machine into workshop - Setup machine for repair for request to remove and install articulation cylinder rod end bushes and pins only along with separating machine to replace hitch bushes and pins - Remove articulation pins and disconnect - Start on attempting to remove hitch pins (@ 7654 Hours)	7654	\$850.00	
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 (@ 7652 Hours)	7652		
12/21/2023	REPAIR	YTEE: HP Fitting at compressor leaking. Repairs: pressure test system, located leaking HP fitting on compressor, removed and replaced fitting. Pressure tested. VAC down, introduce oil into system and regas.		\$180.00	\$163.05
12/11/2023	REPAIR	RDS: PACK UP TOOLING TO AND INSPECT POSSIBLE BEARING FAILURE PICK UP PARTS FROM HITACHI TRAVEL TO BMI (@ 7642 Hours)	7642	\$520.00	
12/8/2023	OTHER	Hitachi: Supply bearing, rubber, aframe			\$955.43
12/8/2023	OTHER	Hitachi: Supply 2 x spacer, a-frame			\$104.62

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12/4/2023	REPAIR	RDS: LOOK FOR OIL LEAK OH HYDRAULIC TANK ALARM KEPEED GOING OFF LOOKED THROUGH THE SERVICE SECTION ON THE SCREEN CHECKED OIL LEAVEL CHECK WIRING TO THE LEVEL SENSERS ALL WIRING TESTED GOOD CLEANED ALL PLUGS AND CODED DIDN'T COME BACK (@ 7647 Hours)	7647	\$292.50	
12/3/2023	REPAIR	RDS: TOP UP COOLANT CHECK ALL OILS FOUND THE BODY MOUNT BOLT WAS MISSING THE NUT WENT TO HITACHI TO PICK UP NUT FOR THE CAB FITTED BODY MOUNT BOLT (@ 7645 Hours)	7645	\$325.00	
11/27/2023	REPAIR	RDS: OT THE ELEPHANT FEET TO TAKEBACK TO HITACHI PICKED UP NEW ELEPHANT FEET JACK UP REAR AXLE REPLACE ELEPHANT FEET REPEATED ON ALL 4		\$1,040.00	
11/5/2023	REPAIR	HeavyQuip: Remove fire suppression bottle. Complete safety prestart requirements. Install replacement flashing light. (@ 7563 Hours)	7563	\$650.00	\$20.00
11/5/2023	REPAIR	HeavyQuip: Inspect potential oil leak also on top of hydraulic oil tank. Cleaned down top of oil tank. Checked all bolt tensions. Checked over machine. Covered the fire suppression panel as requested. (@ 7563 Hours)	7563	\$260.00	
11/3/2023	METER	Start contract B7645 (@ 7562 Hours)	7562		
10/26/2023	OTHER	Hitachi: Supply 2 x air powerscore psd12l/f		\$482.72	

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10/9/2023	REPAIR	SS: Remove batteries and charge. Repaired wiring to CCU and MMU. Replaced batteries and tested machine.		\$470.00
7/19/2023	OTHER	Hitachi: Subscription of Airtime, classic for 3 months		\$461.68
6/28/2023	OTHER	O'Connell Carry out machine off-hire as required. Note damages and complete paperwork. (@ 7559 Hours)	7559	
6/23/2023	METER	End contract B6968 (@ 7559 Hours)	7559	
5/6/2023	SERVICE	O'Connell DFC: Carry out service as per manufactures specifications (@ 7325 Hours)	7325	
5/6/2023	REPAIR	O'Connell DFC: Travel to site and gain access to machine. Warm up machine onsite and carry out 500hr service as per manufactures specifications. Tilt cab and lubricate pump drive shaft. Lubricate drive train. Check all oil levels, (takes time due to 15 oil levels) Top up transmission oil level due to requiring 1.5 litres. Check tightness of all tailgate bolts due to tailgate refitted before this job. Remove auto lube line from rear manifold block under cabin and reseal injector due to o'ring leaking. tested all ok. Run lind test due to faulting on line a and check fault was fixed. All ok. Finish service. Clean up from job and return from site. Machine slightly low on WDB and hyd oil but still within range. Will need topping up at some point. Machine running well. (@ 7325 Hours)	7325	\$760.00

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4/4/2023	OTHER	Carroll Tyres: Travel to site, fit customer's own Pos 2 tyre and supply O-ring		\$770.00	\$22.73
3/28/2023	REPAIR	O'Connell DFC: Travelled to site Upper Kedron and investigate loud noise in front area with loud bang and described by driver. Found turbo charge hose had blown off and clamp broken. Used 2 clamps that I had in ute to make work until I could source new clamp. Travelled down the road to get new clamp, returned to site and fitted clamp to machine. Pumped up front left tyre due to low, topped up autogreaser due to faulting on low level. Returned from site. (@ 7169 Hours)	7169	\$255.00	
3/9/2023	REPAIR	Carroll Tyres: Fit 2 x customer own Pos 5 & 6 new valves and stems and selzit rotate Pos 5 to Pos 3 Labour: Fitter for 6 hrs Supply o-rings, sealzit, earthmover spud, earthmover valve		\$1,320.00	\$243.45
3/7/2023	OTHER	Murphy's Tyres: 1 x Atlas 29-5R25			\$4,100.00
2/27/2023	METER	Start contract B6968 (@ 7046 Hours)	7046		
2/22/2023	REPAIR	Oconnell DFC: Sort out tail gate parts from when they were removed. Carry out repairs on some pivots due to cracking. Sort all bolts and fixings. Bring machine into workshop and fit tail gates. Took time to fit. Take machine outside and check full range of motion and operation. All ok. Organise repairs to grease system due to broken and bent hose ends. Fit new light to step. Purge grease through auto gresing system to ensure gresing of tailgate pivots. (@ 7044 Hours)	7044	\$680.00	

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2/22/2023	REPAIR	YHH: Replace damaged grease hose ends to tailgate pins		\$124.82
2/16/2023	REPAIR	O'Connell DFC: Bring truck into workshop and change all air filters, Replace broken wiper arm parts. Change WDB fluid completely. repair light pole on top of cab due to coming loose and damaging threads. (@ 7044 Hours)	7044	\$425.00
2/13/2023	REPAIR	O'Connell DFC: Lower cabin on machine and bin. Remove truck from washbay and clean out wash bay for next Bell getting washed. Refit all belly plates and grease driveline. Grease PTO shaft under cabin. Check over truck further now washed. Confirm parts order with Hitachi. (@ 7044 Hours)	7044	\$340.00
2/13/2023	OTHER	Hitachi: Supply WDB Additive for service		\$161.90
2/10/2023	REPAIR	O'Connell DFC: Carry out machine off-hire inspection. Lower all belly plates and note samages. Replace damaged E-stop on LH side step. Replace RH side lower two steps due to bottom one missing and 2nd lowest one badly damaged beyond repair. Bend LH side botton step straight and replace broken rubber mounting straps. Order all parts as required.		\$425.00
2/1/2023	METER	End contract B5875 (@ 7044 Hours)	7044	
1/11/2023	REPAIR	Oconnell DFC: Travel to site to investigate logged codes for overheating on machine. Found coolers very blocked and require cleaning again. daily maintenance doesnt appear to be happening onsite. Organise site to clean coolers. Return to yard. (@ 6995 Hours)	6995	\$85.00

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12/27/2022	REPAIR	Oconnell DFC: Recieved phone call from site saying transmission oil level warning active. Picked up oil from workshop and travelled to site. Took truck for run to warm up and check oil, all ok. Got transmission hotter through working machine and level was ovr by 2 litres. Took out 2 litres and tested. All ok. Put machine back to work, returned from site. (@ 6827 Hours)	6827	\$212.50	
12/6/2022	OTHER	Hitachi: Supply 1000hr service kit			\$1,235.40
12/5/2022	REPAIR	O'Connell DFC: Continue with auto greaser fault. Replaced pump with another pump off another machine. would now build on line B but not A. Noticed a backfeed through line B when pumping A. Found internal bypass in valve block behind articulation. Replaced o'rings and checked for operation. All ok. Took time due to access. Refit all machine guards. Cover grille with mesh as requested to advoid so much debris inside cooling packs. Warm up and adjust transmission oil level. Assist in delivery of machine back to site (@ 6827 Hours)	6827	\$510.00	

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12/2/2022	REPAIR	O'Connell DFC: Finish fitting coolers. Fill with water and run up machine. Took time due to large tight job. Machine run up well. Tilt cab and top up transmission oil, top up WDB oil and Hyd oils after service. Replace all final drive oils. Repair grease line brackets under tub body. Investigate not greasing issue. Found grease pump not making pressure. Seperate pump and investigate issue but none found. Will try more tests on Monday. Wash work area and degrease. Clean up from all works. (@ 6827 Hours)	6827	\$1,020.00
12/1/2022	REPAIR	O'Connell DFC: Pull out cooling packs with crane. Start seperating. Finish seperating cooling packs. Take to wash bay for cleaning. Reassemble cooling packs and clean out inside machine where they sit. Refit cooling packs to machine. (@ 6827 Hours)	6827	\$595.00
11/29/2022	REPAIR	O'Connell DFC: Remove fan and replace fanbelts as required. Rig up coolers for removal. Carry out inspection and grease driveline. Found small leek from 2nd axle diff broken mounting bolt. Remove stud. Took time and sourced new bolt and spacers. Sealed bolt and installed. Oil leak now has stopped. Check all diff oil levels. All ok. replace high pressure pilot filter under cabin. (@ 6826 Hours)	6826	\$425.00
11/28/2022	REPAIR	O'Connell DFC: Remove components and all parts to remove radiator (@ 6826 Hours)	6826	\$255.00

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11/21/2022	SERVICE	HeavyQuip: - Start on 1000hr service as requested 22/11/2022: Continue on with service (@ 6751 Hours)	6751	\$400.00	
11/20/2022	REPAIR	HeavyQuip: Inspected complaint of oil leak confirming issue coming from hydraulic filter housing - Removed housings and cleaned surfaces - Turned o-ring seal around in attempt to get housing to seal as no seals in stock to replace - Applied gasket sealant also as secondary barrier for oil leak - Removed brake tank cover and inspected to ensure no leaks present due to common fault occurring from there also. All OK - Operated machine to ensure no further leaks present. All OK (@ 6751 Hours)	6751	\$325.00	\$40.00
11/14/2022	REPAIR	DFC: Remove all access covers and belly plates for washing. Move into wash bay, tilt cab and secure tub. Carry out basic inspection but very dirty so need to get cleaned then look at truck in further detail.		\$212.50	
11/7/2022	REPAIR	O'Connell DFC: Travel to site and investigate low transmission oil. Took truck for run to get to temp and checked. Low 3ltr. Tilted cabin and topped up oil as required. Resealed lower end of cab tilt cylinder fittings due to leaking. Removed covers and filled up Hydraulic oil. Primed and purged grease system. All ok Returned to yard. (@ 6797 Hours)	6797	\$255.00	

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10/19/2022	REPAIR	HeavyQuip: Confirm operator complaint of oil leak with further inspection identifying large banging noise - Firstly inspected abnormal noise at rear of engine - Inspection found drive shaft from engine to PTO had come off the splines and shaft hitting housing - Installed shaft back onto splines however bolt that clamps shaft onto spline damaged. Require replacement. Collect bolt and nut as required - Cut off damaged bolt from driveshaft and install replacement - Grease shaft as required (@ 6751 Hours)	6751	\$445.00
10/13/2022	REPAIR	HeavyQuip: Had to clean out excess dirt and mud build up before inspecting machine - Confirmed operator complaint of hydraulic oil leak - Identified faulty seal on pressure sensor - Removed and replaced seal - Travel back to workshop and collect oil - Top up hydraulic oil level and test operation. All OK (@ 6725 Hours)	6725	\$245.00
10/5/2022	REPAIR	O'Connell DFC: Source gasket paper and RTV, travel back to site and remove hydraulic oil filter housing. Discard old silicone gasket and make new paper gasket. Clean all surfaces and refit housing, check oil level and advise not to start until morning. Return from site. (@ 6704 Hours)	6704	\$255.00

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10/4/2022	REPAIR	O'Connell DFC: Travel to site, investigate hydraulic oil leak. Found hydraulic filter housing leaking, removed housing and clean all surfaces. Gasket was a bit worn but did not have one. Reasealed whole surfaces with RTV sealant. Reassembled. Tested, all appeared to be ok and no leaks. New seals require ordering due to reapiir only temp. Return to workshop (@ 6702 Hours)	6702	\$255.00
10/4/2022	OTHER	Hitachi: supply kit,seal,filter		\$67.57
8/23/2022	OTHER	HITACHI:Fuel Sender		\$477.23
8/23/2022	OTHER	HITACHI: 1 x 500HR kit		\$204.31
8/19/2022	REPAIR	OCONNELL DFC: Travel to site and investigate why truck wes jumping out of gear into N. Found air pressure was dropping and loosing air while driving. Park brake booster bypassing through rear diaphram. requires new brake booster. Parts ordered. (@ 6459 Hours)	6459	\$160.00
8/10/2022	REPAIR	OCONNELL DFC: Travel to site and investigate machine hoilding gears and overheating. Check all basics then went for run with operator. Found gears holding was happening at same time as overheating. Removed all covers to access radiators. Blow radiators out best I could. refit all covers and take for a run again fully loaded. Machine run much better with no issues. Put back to work and return to workshop. (@ 6413 Hours)	6413	\$320.00
8/1/2022	OTHER	Daimler Trucks: Supply of Alternator		\$2,109.99

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7/19/2022	REPAIR	Oconnell DFC: Travel to site and investigate park brake staying on. Found disc slides getting stuck. Removed shoes, cleand out debris and lubricated slides. Refitted pads and checked operation. All ok. Return to workshop. (@ 6305 Hours)	6305	\$160.00	
7/13/2022	REPAIR	OCONELL: Travel to site and remove tail gate off truck. Source and gain access to machine to lift tail gate off and stack up parts. Remove grease lines to pivots and clean up. Return to yard. (@ 6274 Hours)	6274	\$240.00	
6/3/2022	REPAIR	O'Connell DFC: Travel toi site, Found RH tailgate strap lower pivot broken in half. Remove pivot. Return to workshop and repair pivot. Return to site and fit. Check operation all ok. (@ 6109 Hours)	6109	\$240.00	
5/6/2022	OTHER	SCH: Wire hose, metric heavy hose end, ferrule suit 2 wire hose, spiral guard, hose assembly			\$114.54
5/5/2022	REPAIR	O'Connell DFC: Top up transmission and drop box oils. Check for leaks, found none. All other levels OK (@ 5981 Hours)	5981	\$80.00	
5/5/2022	OTHER	HIATCHI- 2 x transynd 20 L			\$797.66
5/3/2022	REPAIR	O'Connell DFC: Travel to site and diagnose AC not working. Found leaking hose. Rectified leak with Yatala Electrical, tested system and all working OK. (@ 5981 Hours)	5981	\$160.00	
4/27/2022	OTHER	Next Service - meter reading postponed from 6188			

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4/22/2022	REPAIR	HITACHI - travel to site, remove clamps, hoses & valve cover. Drop belly guard & fit engine turning tool. Adjust valve clearances, adjust jacobs brake, refit all parts. Remove turning tool & fit belly guard. Remove remaining section of exhaust manifold, clean manifold & cylinder head gasket surfaces. Refit exhaust manifold. Test ok		\$810.00	\$40.50
4/20/2022	REPAIR	O'CONNELL DFC: Finish 2000hr service. Assist in valve set, assist in turbo replacement. (@ 5938 Hours)	5938	\$800.00	
4/20/2022	OTHER	HITACHI - 2 x gasket			\$389.20
4/19/2022	SERVICE	O'CONNELL DFC: Carry out 2000hr Service (@ 5938 Hours)	5938	\$320.00	
4/13/2022	OTHER	HITACHI- 2000/4000 kit			\$1,576.95
4/6/2022	OTHER	HITACHI: 2 bolt flange, 2 dirclip			\$13.82
4/5/2022	OTHER	HITACHI; 1 x mirror, 1 x boss non tapped			\$448.61
4/5/2022	OTHER	HITACHI: Bracket, bonnet, ADT			\$80.95
3/22/2022	OTHER	Turbomaster: 1 x Turbocharger Borgwarner			\$3,477.00
3/21/2022	REPAIR	YTEE- Fault find & diagnose. Connect gauges and find system is out of gas. Pressurised system with nitrogen and discover the system is holding gas. Vac system down and regas. Test operation, all ok.		\$110.00	\$150.00
3/21/2022	REPAIR	HeavyQuip: - Inspect machine requirements - Install/connect loose exhaust system hardware and clamps - Travel behind machine as requested so it could be driven back to the workshop (@ 5970 Hours)	5970	\$285.41	
3/21/2022	REPAIR	O'Connell DFC: Travel to site and remove turbo off B45E as requested. (@ 5938 Hours)	5938	\$200.00	

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3/15/2022	REPAIR	HITACHI- Axe			\$45.60
3/15/2022	REPAIR	Oconnell DFC: Finish putting pannels back on machine. Top up engine oil level. Put up headboard, Fit tracker. Deliver truck to BMI and do handover with operator. (@ 5921 Hours)	5921	\$320.00	
3/15/2022	METER	Start contract B5875 (@ 5923 Hours)	5923		
3/14/2022	REPAIR	Oconnell DFC: Fabricate bracket for bonnet actuator mount. Carry out repairs on auto greaser electric motor. Refit to machine and run line tests. All ok. Fit bonnet actuator. Grease machine and check / top up oils. (@ 5921 Hours)	5921	\$520.00	
3/11/2022	REPAIR	HITACHI - Actuator; linear			\$1,976.67
3/11/2022	REPAIR	EVERY BATTERY - 2 X Optima Yellow Top			\$883.55
3/11/2022	REPAIR	HITACHI - Sensor, rotary			\$107.61
3/11/2022	REPAIR	OCONELL DFC - carry out machine inspection. Rectify bin not lifting and fitted new rotary switch, calibrate and check operation. Replace batteries and attempt to fit eratic idle issue. More work required. (@ 5921 Hours)	5921	\$320.00	
				<u>\$32,647.73</u>	<u>\$26,764.86</u>