

**740 CAT Moxy CAT0740BCL4E01278**

DATE	ODO/HRS	PARTS/REPAIRS
18.08.20	2277	Check for parts needed to replace tailgate, clean out threads for installation -install tailgate/finish cleaning threads out
23.08.20	2277	Adjust strut heights
27.08.20		Continued drilling broken bolts from bin
28.08.20		Organised hot works permit, welded hinge points to bin. Removed brokenbolts from tail gate wings, cleaned threads for refittg
25.08.20		Replaced hyd lines @tip cylinders, rolled cabin to replace hyd hoses, welded hinge feet onto bin, pumped up tyres, replaced broken studs from tail gate wings, prepared for fitment. Hung side wings, mounted tailgate, modified rear tail gate, holes due to be bent.
10.10.20		Check grease lines
11.10.20		Made & fitted grease lines
24.11.20		Replaced grease nipples @ bin cylinder on centre pivot, greased machine lower pivot to take grease
8-9.12.20		500hr service, repair grease leaks
16.12.20	2640	Jack cab to replace 2 mission hoses
18.01.21		250hr service -Air filters, outside AC filter cover & bolt, steering hose out of HMV, F drive shaft spline worn
1.02.21		Replace drive shaft from transfer front diff
02.02.21		Replace broken chain bolt
4.02.21		Replace broken chain bolt
21.02.21		Replace 1 tailshaft uni joint
25.02.21		1000hr service, used L4E-1000-008 kit
26.02.21		Source parts for grease, inspect leaking cylinder, fit new chain links
24.03.21		Replace hyd hose @ RHS steering cylinder
23.03.21		diagnose & rectified suspension movement -wishbone & torsion bar bushed need replacing
22.03.21		Diagnosed rattle in fornt end most suspension components, bushes & trunvions need replacing?
4.04.21		Inspect TC fault
5.04.21		Replace intercooler hoses
6.04.21	3530	Remove spherical bearing in F axle A frame group, weld to remove, clean up & instal new bearing, help remove RHS lift ram, jack cab over & wash out to locate leaks & sensor position etc, complete inspection on machine.-RHS steer strut needs resealing, waiting on grease boot for centre hitch, dogbone bushes in rear need replacing, hoses need replacing at dropbox, leaks at engine bay
6.04.21	3530	Repair thread in belly plate, remove bowl lift ram, inspect hoses/oil leaks & degrease -rear dog bone bushes, hyd hose work, tranny hose
7.04.21		Rebuild lift ram, replace bushes in middle diff dog bone, remove rear dog bone
7.04.21		Rebuild lift cylinder RHS, list required parts, remove dognones from rear of truck, locate & remove torque connector speed sensor, take photos of all hoses that need doing -strut US FRHS, hoses need doing, leaks in engine bay
9.04.21	3530	Remove & replace rear dogbone bushes, oxy one dogbone bush out -finish centre hitch bearing, fit new speed sensor, hoses to replace Pos 2 strut needs doing
10.04.21		Finish off bearing front A frame, fit bellows & mount back to hitch, fit recon lift cylinder, rear dogbone, Make up tool for torque convertor speed

		sensor & replace it, remove wheel off Pos2 & start servicing strut -finish strut, service 500hr
11.04.21		Get pulling gear sorted to remove strut pins, ceased pin & damaged bearing housing, clean up strut bearing housing as best coul with die grinder, finish holes, weld up holes & cracks in exhaust section near Pos2 strut, note down numbers for hoses required, finish service strut housing repairs & rebuild, hoses to change
12.04.21	3530	Take strut to DNC, dissassemble & take back to DNC to rebore. Replace 2 steer hoses off HMU, replace hyd hose under cab & from pump to fan motor back of cab -rebuild strut & fit, fit rim & tyre, top up oils after hose change outs
13.04.21		Rebuild Pos2 strut, use nut buster at Jaimec to get correct torque after reaseal, fit to truck with all new seal & new lower bearing, setup charge unit for fitting oil in strut, finish off hoses under cab & refit panels. Coolant is diluted & needs changing -check oil levels, change coolant
14.04.21	3530	Fill strut with oil, replace coolant & starter motor
16.04.21		Check wheel nuts
18.04.21		Replace 2 way
23.04.21		Inspect fault with park brake, disconnect park brake sensor to stop fault, get part number to replace -fit sensor
14.06.21		Inspect hyd oil leak -hoist valve leaking
21.06.21		Look over for faults
5.07.21		250 hour Service
6.07.21		Finish service replace mirror
7.08.21		Repair fault with park brake not releasing
20.10.21		Refit belly plates
26.10.21		Replace hose in artic, inspect AC fault, check pressure, inspeck leak on hoist block & RH side of trans
24.01.22		Replaced Coolant hose
8.02.22		Check seat operation
16.02.22		Excessive play in artic pins
15.03.22	18165	Replace A frame bearing, fuel filters & tighten pivot bolt on tailgate, repair e-stop sump gasket leak, pump more grease int A-frame bearing
29.03.22		Remove snapped tailgate chain, replaced with BG03 chain
3.04.22		Replace engine oil & filter, top trans up, inspect codes -Diagnose trans ECM/datalink faults, tranny abuse faults, inner axle accumulator low pressure
04.04.22		Inspect data link fault, test wires to ECM through plugs tested fine-requires further diagnoses
16-170422		replace 4 steer hose & both unis in drive shaft, hitch to centre diff
24.04.22		Replaced broken LHS mirror, put new bolts in RHS mirror bracket
20.04.22		Warning light on dash, tranny faulting, found filters blocked
29.04.22		Inspect AC, checked charge levels, cleaned condensor. Found evaperator motor blown - fit new evaporator
01.11.21		Inspected & repaired AC fault
08.01.22		Replace hydraulic hoses
04.05.22		Mobe toAndoom site, removed blown evaporator fan & installed new fan & wired in. Inspected power failure to AC fan-Power fault to AC system, Hole in exhaust muffler, LHS steer cylinder seals
06.05.22		Diagnose fault for controller, re order replace

09.05.22		Fitted new control panel for AC, found broken wire to control panel, repaired. Fitted all covers & panels, inflated POS 1 tyre
24.05.22		Replace both hyd & trans filter & pull screen filter, found metal throughout system. Drain top up & clean out screen & repaired hose from back of cab to body, replace air filter & cabin air filter -engine oil leaks, jack shaft uni needs replacing
27.05.22		Inspect & diagnose speed sensors found faulty cluster
7.06.22	20377	Machine already disassembled with cab all pulled apart, connect ET & investigate issue, found that J1939 was not present. As per schematic & procedure for data link errors started fault finding circuits. Removed wiring from each ECM & test harness with no issues present. Check all end of line resistors, all ok. Datalink was present, on first power up would then drop out. Suspected rubbed wire in harness which was overloading datalink circuit, continued testing harness. Found harness going to grease pump was at fault, disconnected plug at grease pump & found water inside & carbon build up. Connected everything back together & started machine, all working correctly.
1-3.06.22		Dash not powering up, remove & replace dash after pinning out power supplies/voltage. Pin out cam & assess harness. Check all cam circuits
12.06.22		Pumped both steer tyres, secured dash
02.07.22		Jack up tyre for Rio tyre fitters
04.07.22		Remove Jack stand from RIO tyre fitters
22.07.22		Inspect AC fault, found evaporator blocked up & a loose fitting to dryer. Cleaned evaporator, tightened fitting, cleaned cab filter & topped gas
6.08.22	5854	Replaced hyd filter 132-8876 & diagnose blockage
10.08.22		Repaired RHF panel, replaced hyd engine oil & filters, replaced steering filters & oil. Hub oils changed, blew out filter, replaced breathers bin tilt cylinder leaking. Numerous oil leaks in engine bay, hyd hoses rubbed, s?? Wire need replacing, grease lines have busted off pins need to be replaced articulating weeping, headlights out RH side, Switches x 3 on dash broken
7.09.22		Removed transmission filter to send away, replaced filter
15.09.22		Cab tilt cylinder leaking, washer bottle lid missing, oil leaks in engine bay, needs degreasing to diagnose. Switches missing on dash, steering cylinder leaking, hyd hoses cracked, bin tip cylinder leaking, uni joint has excessive movement (replace both unis). Fixed greasing issue in pivot pins. Dropped trans fluid & replaced, replaced trans filter.
15.09.22		Front diff pinion leaking, leak around back of engine & gearbox, needs wash down to diagnose. Front diff dog bone bushes need replacing Ejector roller pad need replacing, rollers need replacing. Ejector cylinder leaking, hose needs replacing. Replaced unis on rear tailshaft. Rear dog bone bushes need replacing, tracking arm from middle diff to rear diff needs bushes -replaced.
04.10.22		Replace brake cooling hose, top up hyd oil, test
19.10.22		Remove park brake, need more parts
21.10.22		Inspect seat belt alarm not working (out of date 2011) -needs new seat belt because there was nothing there. Got it to work a bit.
09.11.22	11498.6	Replaced hyd hose
10.11.22	6428.9	Diagnose AC fault, removed covers to evaporator, cleaned evaporator & inspected blower. Replaced orings to dryer fittings. Vacced & Recharged with 2kg gas
13.11.22	6446.4	Changed transmission oil & filter
18.11.22	6483.4	Mobilise to Andoom. Inspect & diagnose AC not working, replaced fuse & cleaned AC filter & tested. Mobilise back to East Weipa.
10.02.23		Strut dropped on Moxxy, gathered equipment, from steady shed (nitrogen/gasses) travel to Moxxy, used nitrogen from steady strut to correct length, packed up equipment. - Both struts leaking extremely bad, needs urgent attention, Supervisor informed (Brad)

07.04.23		Removed snapped bolt from bucketchain, sourced correct bolt, replace bolt and fit chain -grease line to be removed
12.04.23	677	Replace 2 hyd hoses on back of cab
01.04.23	11795.5	Mosy broken dow transmission fault, Inspect oil level, Inspect for codes, top up transmission oil, test drive. Requires transmission service once parts arrive
15.05.23	11971.5	Broken down. Faulty handbreak switch replaced
07.07.23	7172.3	Inspect and diagnose AC not working, found faulty AC switch, ordered new one
10.07.23	12245.3	Inspect park brake system, tested park brake pressures as per procedures in 'spec 3021 PSI. Spec pressure 3050 PSI - 50PSI, Low pump pressure fault
11.07.23		Test brake charge pressure at 3050psi, check brake pressures, found accumulators out of gas
15.07.23		Collect parts, degassed brake accumulators. Remove accumulators, brackets & clamps. Modified new brackets to fit. Fit new brackets & accumulators. Had a new hose made, collected tooling. Charged accumulators as per procedure. Tested
25.07.23		Call out to Moxy to test air brake pressure, found dropping pressure out to accumulator, set part numbers and haul ??
26.07.23		replace park brake and pads, adjust, change brake accumulator, pressure fault in hyd system solonoid valve, elec fault on pressure switch harnessin hitch