

Stock No: APH00577

Caterpillar D6T XL

Serial No: TSM00349

Reg No: 16030E

Cat: DOZ6

Year: 2014

Provisional?:

Supplier:

Model: Caterpillar D6T XL

Under Repair?

Log

<i>Date</i>	<i>Type</i>	<i>Description</i>	<i>Meter</i>	<i>Labour</i>	<i>Parts</i>
1/07/2024	OTHER	Next REGISTRATION RENEWALS - date postponed from 19-Jul-24			
19/06/2024	REPAIR	HeavyQuip: Removed and replaced coolant regulator due to leaking - Added required coolant - Changed final drive oils due to findings on metal plugs - Installed cab flooring removed for inspection purposes - Installed machine belly guards - Tested operation - Machine required to be degreased and washed down prior to hire (@ 11542 Hours)	11542	\$780.00	
19/06/2024	OTHER	Hastings: Supply engine coolant			\$569.00
19/06/2024	OTHER	Hastings: Supply regulator			\$225.93
18/06/2024	REPAIR	HeavyQuip: Travel to workshop - Install new magnet and screen for transmission pump suction pipe along with replacement cover seals on screens - Changed transmission oil due to findings in screens (@ 11542 Hours)	11542	\$650.00	
15/06/2024	REPAIR	HeavyQuip: Travel to workshop - Finish off installing air control module harness - Installed parts and engine panels removed (@ 11542 Hours)	11542	\$520.00	

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14/06/2024	REPAIR	HeavyQuip: Collected required parts from Hastings Deering, Archerfield - Removed engine thermostat regulator housing for inspection and found thermostat housing required to replace that's causing coolant leak - Removed transmission screens and inspected resulting in clutch material and metal shavings showing - Advised of findings - Removed required panels and engine parts to gain access to CEM panel to replace air control module and harness (@ 11542 Hours)	11542	\$130.00
14/06/2024	OTHER	Hastings: Supply filters for service: fuel filter, element acl, element prime		\$271.90
14/06/2024	OTHER	Hastings: Supply fuel filter, bolts, washers, seals, screen		\$105.27
13/06/2024	SERVICE	HeavyQuip Maintenance: Carry out 500hr service, engine oil changed, engine, fuel, transmissiion and outer engine air filter changed (@ 11542 Hours)	11542	\$520.00
11/06/2024	REPAIR	HeavyQuip: Confirmed complaint of DPF soot level high - Checked fluid levels prior to works commencement - Started machine and raised temperature of coolant quickly - Carried out manual regeneration through Caterpillar E.T software (@ 11542 Hours)	11542	\$260.00
27/05/2024	OTHER	Aptella: Supply dozer slope 10ft coil cord		\$575.11
22/05/2024	OTHER	Hastings: Supply harness assembly		\$520.38
21/05/2024	OTHER	Hastings: Supply control gp		\$1,052.96

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17/05/2024 REPAIR

HeavyQuip: Operator complaint of active fault code/s

- Code sent through day before
- Removed pilot fuel solenoid from spare machine at yard
- Travel to site
- Check fluid levels of machine before testing. All ok
- Confirmed active fault code/s
- Noted DPF soot level at 94%
- Attempted to perform manual regeneration of DPF filter however no success due to ARD fuel pressure #1 code
- Removed and replaced pilot fuel control solenoid
- Found original wiring rubbing together on steel cable tie causing possible reason for the fault code
- Tested manual regeneration again and noted that fuel injector number five not responding
- Reset active codes and quickly carry out manual regeneration before codes illuminated again which would cause manual regeneration to fail
- Completed manual regeneration successfully - Carried out fuel verification test rectifying number five injector not responding correctly
- Inspected active ARD air controller abnormal update rate code
- Found CAN data link not communicating between engine ECM and CEM panel
- Tested wiring up to harness to CEM panel and confirmed resistance reading as it should - Testing of CEM harness to air controller and back out of harness

\$790.50

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		to connected had no continuity when required		
		- Advised either harness, air controller or both would require replacement to rectify this fault code		
		- Installed panels removed		
		- Isolated and locked cab doors		
10/05/2024	REPAIR	MPLG: Repair exhaust, repair seat (@ 11417 Hours)	11417	\$543.75
23/04/2024	REPAIR	MPLG: DPF harness and wiper repair (@ 11416 Hours)	11416	\$150.00
25/03/2024	OTHER	Hastings: supply seal o-rings, gasket, clamp, tube as, plug kit, hex bolts, washers, oil		\$573.69
21/03/2024	OTHER	Hastings: Supply seal, seal o-ring, coolant eng		\$438.52
21/03/2024	OTHER	Hastings: Supply wire as		\$224.84
20/03/2024	OTHER	Hastings: Supply pump gp-wate		\$1,066.92
20/03/2024	OTHER	Hastings: Supply Regulator and sensor		\$318.90

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19/03/2024 REPAIR

HeavyQuip Maintenance: -
Travelled back to local council depot and organised for radiator group to be taken over on vehicle ferry as council had a vehicle going back to Redland Bay terminal
- Travelled back to passenger ferry and travelled back to Redland Bay terminal
- Collected radiator group at terminal and dropped back to A Plant workshop
- Travel to and from ferry terminal located at Redland Bay
- Applied one way only
- Vehicle ferry to and from Macleay Island
Collected radiator assembly from Red Devil Radiators located at Slacks Creek
- Travel with vehicle ferry over to Macleay Island
- Travel to machine location
- With use of onsite backhoe connected radiator assembly and installed into machine
- Connected all hoses and electrical harnesses
- Installed coolant expansion tank
- Connected and tightened all hoses
- Replaced three of coolant return hoses due to cutting off to remove originally
- Re-connected NRS cooler assembly
- Installed top engine hood
- Connected all required harnesses and brackets
- Filled cooling system
- Pressure tested cooling system and confirmed no pressure drop
- Started machine and operated at low idle

11342 \$9,086.00

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- Operated further under torque convertor stall conditions once cooling system temperature stabilised
- Confirmed temperature now decreases as expected
- Confirmed no coolant leaks present
- Topped up low transmission oil
- Installed belly guards
- Cleaned work area and packed up tooling
- Cleaned down all tooling and vehicle at workshop (@ 11342 Hours)

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Operator complaint of engine cooling system overheating
- Collected pre-ordered parts from Hastings Deering, Archerfield after original discussion with operator possibly suggested fault with hydraulic fan whilst also stating fault codes relating to aftertreatment system- Travelled to Redland Bay passenger terminal - Packed up tooling bag- Transported over to Macleay Island terminal and collected by machine operator- Operator transported us to site at machine location- Carried out machine inspection and found engine oil level very overfull- Removed drain cover and drained out engine oil level to required level- Inspected aftertreatment fault code stating primary ignition circuit faulty- Removed and replaced ignition coil along with spark plug confirming both units faulty- Advised service manager that spark plug lead connectors also faulty and will require replacement with spare lead taken of another machine at workshop
- Started machine and checked through machine active/logged faulty codes- Found recent fault codes relating to engine reversing fan solenoid and fan bypass solenoid recently active
- Unbolted front radiator grill and removed LH engine bay covers
- Inspection found engine fan bypass solenoid connector on harness side burnt with wiring exposed possibly due to heat
- Wrapped electrical tape around wires so no contact would be made

11342 \$1,726.00

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as had very little tools and equipment available at the time
- Disconnected and cleaned out reverse fan solenoid connector and reconnected- Operator machine at idle until machine reached normal operating temperature- Had machine operator test machine once the above repairs had been rectified- Testing found after four pushes the engine temperature would increase dramatically to 100 degrees and above however temperature wouldn't come back down even with hydraulic fan operating at full RPM and machine running at idle- (@ 11342 Hours)

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19/03/2024 REPAIR

HeavyQuip: Travel to and from
ferry terminal located at Redland
Bay
- Applied one way only
- To and from Macleay Island
Operator complaint of engine
cooling system overheating
- Collected pre-ordered parts from
Hastings Deering, Archerfield after
original discussion with operator
possibly suggested fault with
hydraulic fan whilst also stating
fault codes relating to
aftertreatment system
- Travelled to Redland Bay
passenger terminal - Packed up
tooling bag
- Transported over to Macleay
Island terminal and collected by
machine operator
- Operator transported us to site at
machine location
- Carried out machine inspection
and found engine oil level very
overfull
- Removed drain cover and drained
out engine oil level to required level
- Inspected aftertreatment fault
code stating primary ignition circuit
faulty
- Removed and replaced ignition
coil along with spark plug
confirming both units faulty
- Advised service manager that
spark plug lead connectors also
faulty and will require replacement
with spare lead taken of another
machine at workshop
- Started machine and checked
through machine active/logged
faulty codes (@ 11342 Hours)

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19/03/2024 REPAIR

HeavyQuip Maintenance: Found recent fault codes relating to engine reversing fan solenoid and fan bypass solenoid recently active

- Unbolted front radiator grill and removed LH engine bay covers
- Inspection found engine fan bypass solenoid connector on harness side burnt with wiring exposed possibly due to heat
- Wrapped electrical tape around wires so no contact would be made as had very little tools and equipment available at the time
- Disconnected and cleaned out reverse fan solenoid connector and reconnected
- Operator machine at idle until machine reached normal operating temperature
- Had machine operator test machine once the above repairs had been rectified
- Testing found after four pushes the engine temperature would increase dramatically to 100 degrees and above however temperature wouldn't come back down even with hydraulic fan operating at full RPM and machine running at idle
- Carried out further testing with advise given that radiator group was removed
- Checked temperatures across engine and found coolant temperature sensor reading approximately 15 degrees higher than location on engine (@ 11342 Hours)

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19/03/2024 REPAIR

HeavyQuip Maintenance: Advised to replace sensor and check engine Commonwealth Bank of Australia thermostat however due to excessive heat around engine couldn't access at the time
Account Name: Peter Edward
Poppi Account Number: 1200 1625
- Ordered and collected sensor and thermostat from Redland Bay Terminal as parts got
- Travel to and from ferry terminal located at Redland Bay
- Applied one way only
- To and from Macleay Island
- Removed required panels, electrical harnesses and components to access water pump
- Removed water pump
- Installed replacement new water pump as reman pump group not available
- Added water to cooling system
- Operated machine at idle until normal operating temperature reached
- Operated machine under torque convertor stall conditions and confirmed no change to cooling system temperature once reached at a high temperature range
- Advised of findings with request to further investigate what works had been carried out on cooling system when machine was at workshop
- Results found that the radiator core was leaking and excessive amounts of aftermarket coolant repair liquid was used to rectify defect - Advised service manager that amount of repair liquid would

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		block radiator internal cores Travel to and from ferry terminal located at Redland Bay - Applied one way only - To and from Macleay Island Travelled to Redland Bay passenger terminal - Transported over to Macleay Island terminal and collected by machine operator - Operator transported us to site at machine location - Started to remove required panels, electrical harnesses, pipes, hoses and belly guards - Removed top engine hood - Removed coolant expansion tank (@ 11342 Hours)		
15/03/2024	REPAIR	MC Autoglass: Fit front windscreen and supply new rubber	\$300.00	
12/03/2024	OTHER	ITR: Supply 1 x double bevel edge htr	\$228.50	
12/03/2024	OTHER	Repco: Supply axis head unit with reverse camera	\$191.00	
20/02/2024	REPAIR	YTEE: Faulty A/C compressor and failed condenser fans. Diagnosis: Noted last week compressor not creating VAC and one condenser fan had failed. Repairs: Connected A/C gauges, A/C gas recovered, compressor unbolted found compressor needed boost hoses and pipes needed moving to rplaced compressor, fitted all piping Pressure test system, VAC down, introduce oil into system & Regas system. Replaced both condenser fans. Tested ok	\$520.00	\$140.00
12/02/2024	REPAIR	RDS: Refit floor in cab and trims, refit engine side covers, refit front sump guard. Top up hyd oil tank	\$910.00	

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7/02/2024	OTHER	Highgate Air: Supply fan condensor	\$613.77
6/02/2024	OTHER	Highgate Air: Compressor, caterpillar sanden SD/H15, 8PV, 152mm rear pad, direct mount	\$519.22
1/02/2024	REPAIR	YTEE: Service details - A/C hoses burnt Repairs:Removed damaged hose organised new hoses, fitted new hoses, reciever drier, fit pressure switch, Connected A/C gauges, Pressure test system, VAC down, introduce oil into system & Regas system	\$855.00
29/01/2024	OTHER	Highgate Air: Supply thermostat preset switch	\$124.68
25/01/2024	OTHER	Hastings: Supply switch ass	\$144.95
23/01/2024	OTHER	Napa: Supply Drier Cat 320	\$180.00
17/01/2024	REPAIR	RDS: Reassemble over 2 days	\$2,080.00
16/01/2024	REPAIR	RDS: IT UP PICK UP TUBE TO THE OIL PUMP CLEAN SUMP RESEAL SUMP FIT BEARINGS ONTO LIFT CYL CLEAN TRACKFRAME FIT TRACKFRAME PUSH TRACK UNDER TRACKFRAME FIT BONET AND RADIATOR MOUNTS FIT LIFT CYL FIT SOME PANALS FIT RHS AXLE	\$1,300.00
16/01/2024	OTHER	Hastings: Supply gasket, seal, o- rings, washer	\$264.00
15/01/2024	REPAIR	RDS:REMOVE SUMP GASKET SEEN THAT THEY HAD REMOVED THE OIL Suction ORDERED PARTS FITTED EQ BAR MADE SURE GREASE CAME OUT OF THE LINE FITTED GREASE LINE CLEAN UP ALL THE DIRT	\$585.00
8/01/2024	REPAIR	PCS: Line bore / id weld holes for EQ bar pin on machine	\$1,040.00

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13/12/2023	REPAIR	RDS: REMOVE L/H/S AXLE REMOVE TRACK PLATE DRAG TRACK FOWERD JACK UP DOZER REMOVE PIVOT SHAFT BOLTS REMOVE TRACK FRAME CLEAN AND INSPECT BEARINGS CLEAN AND INSPECT PIVOT SHAFT ORDER PARTS	\$585.00
8/12/2023	OTHER	Hastings: Supply 5 x engine coolant	\$691.60
6/12/2023	REPAIR	RDS: CLEAN NOSE CONE FIT INTER COOLER FIT NOSE CONE HAND OVER TO AARON TO DO SOME WORK ON IT. FIT TRACKS BACK UP CLEAN EQ BAR CLEAN MACINE HOLES FIT EQ BAR UP (HAD TOO MUCH MOVEMENT TO RUN IT)	\$1,170.00
6/12/2023	OTHER	Hastings: Supply hose as and dryer as	\$796.25
6/12/2023	OTHER	Hastings: Supply Hose as	\$387.48
1/12/2023	REPAIR	RDS: PRESS NEW BEARING INTO NOSE CONE GOUGE OUT OLD LIFT CYLINDER YOKE BEARINGS CLEAN UP HOLES took at lot of die grinding FREZZE BEARINGS	\$390.00
1/12/2023	OTHER	ITR: Supply 1 x equalizer bar	\$3,690.00
1/12/2023	OTHER	ITR: Belt serpentine, hose clamps, bolts, trunnion ball bolt, double bevel edge	\$1,200.90

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30/11/2023	REPAIR	RDS: SET THE FRONT OF THE DOZER ON STANDS REMOVE EQ BAR PINS TO THE TRACK FRAMES REMOVE CENTER PIN LOWER EQ BAR INSPET EQ BAR EQ BAR WAS U/S JACK FRAME UP TO FIT PRESS IN PRESSE BEARING FROM THE REAR OF NOSE CONE PRESS ALL NEW BEARINGS IN THE FRAME PICK UP NEW NUTS	\$1,560.00
29/11/2023	REPAIR	RDS: REPLACE ENGINE OIL REPLACE ENGINE FILTER REPLACE FUEL FILTERS CLEAN AIR FILTERS DROP OF INTERCOOLER TO RED DEVIL TO BE CLEANED AND TESTED.REMOVE BOLTS FOR THE EQ BAR Pick up stands from workshop PICK UP PRESSING PORTA POWER MAKE TOOLING TO PRESS OUT THE OLD REAR NOSE CONE BEARING	\$650.00
29/11/2023	OTHER	Hastings Deering: Supply 4 x bearing-sleeve	\$223.44
29/11/2023	OTHER	Hastings: Supply crn hose	\$151.73
28/11/2023	REPAIR	RDS: REMOVE MOST OF THE BEARINGS IN THE FRAME IN THE NOSE CONE IN THE CYLINDER CUT OUT A FEW OF THE BEARINGS	\$650.00
28/11/2023	OTHER	ITR: Supply 2 x seals and bearing frames	\$119.00
27/11/2023	REPAIR	RDS: ORDER PARTS REMOVE OLD HOSES CLEANED AROUND YOKE WASHED MACHINE PULLED OUT BUSHES	\$390.00

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24/11/2023	REPAIR	RDS: REMOVE THE HOOD SLIDES REMOVE THE REST OF THE HOSES ATTEMPT TO REMOVE THE PINS SPLIT TRACKS GO GET THE LANCE FROM PETES WORKSHOP GET A WELDING BLANKET LANCE OUT ALL 4 PINS KNOCK THE PINS OUT REMOVE OSE CONE DROP LANCE KIT BACK OFF TO PETES	\$1,495.00
23/11/2023	REPAIR	RDS: REMOVE LIFT CYLINDER REMOVE LIFT YOKES REMOVE BELLY GARDS REMOVE COVER PANELS DRIVE TO THE WASH BAY TO GET A CLEAN REMOVE HOSES REMOVE DOOR PANELS PRYBAR OUT ALL OF THE DIRT AROUND HOSES DRAIN COOLANT WASH DOZER SOME MORE	\$1,235.00
23/11/2023	OTHER	ITR: Supply 2 x Yoke Cyl lift	\$2,872.05
22/11/2023	OTHER	ITR: Supply Bearing frame, pin guard, spacer, bearing spherical, seal eq bar, bushing eq bar, setscrews, o-rings, pin equal bar	\$1,806.31
22/11/2023	OTHER	Hastings: Supply 2 x pins	\$271.28
21/11/2023	REPAIR	RDS: INSPECT MOVMENT IN NOSE CONE AND EQ BAR ORDER PARTS REMOVE BLADE Remove roll bars	\$780.00
17/10/2023	OTHER	ITR: Cutting edge, end bit, bolt plow, nuts, washers	\$845.96
4/10/2023	REPAIR	SS: Travel to site and remove and replace ripper boots. Install new filter restriction sensor, found issues with harness that will need to be repaired. (@ 11281 Hours)	11281 \$250.00

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28/09/2023	SERVICE	HeavyQuip: Carry out 100-hr service in accordance with OEM maintenance schedule (@ 11110 Hours)	11110	\$260.00
28/09/2023	REPAIR	HeavyQuip: Approval received to repair transmission oil leak which was due to manifold mounted to back of transmission case - Needle gun and clean away excessive dirt/mud build up in belly guard and inner chassis - Removed required powertrain hoses - Removed manifold assembly - Noted to workshop mechanic transmission input shaft universals excessively worn - Approval received to repair - Ordered and collected required parts - Removed transmission input shaft - Clean manifold assembly in ready for installation (@ 11110 Hours)	11110	\$1,690.00
21/09/2023	REPAIR	SS: No slopesensor. Travel to site and inspect machine. Tested cables and fittings - found faulty slope cable. Travel to Brendale to get new cable from Sheroz. Travel back to site and fit new cables and test everything OK (@ 11221 Hours)	11221	\$560.00
21/09/2023	OTHER	Sherozeearthworks: Supply 10ft coil cord		\$452.61
21/09/2023	OTHER	Hastings: Supply switch ass		\$304.32

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20/09/2023	REPAIR	SS: Transmission filter restriction fault. Travelled to site and replaced trans filter. Housing siezed and previously cross threaded. Removed housing, repaired thread and replaced filter. Tested machine fault still active. Tested sensor and found to be faulty. Ordered sensor. Completed filter cut everything OK (@ 11221 Hours)	11221	\$700.00	
20/09/2023	OTHER	Hastings: Element As-X			\$119.31
19/09/2023	REPAIR	SS: GPS not picking up satellites. Travelled to site and tested all cables. Found faulty connection. Cleaned and tested - everything OK (@ 11221 Hours)	11221	\$490.00	

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12/09/2023	REPAIR	HeavyQuip: Travel to and from site - 26km at \$1.50/km one way only - Confirmed operator complaint of oil leak - Carried out site safety forms - Removed center belly guard - Operated machine and found powertrain hose leaking from hose crimp - Removed cab floor to help with access - Removed hose from machine. Please note hose located in extremely confined space - Travelled to hydraulic and pirttek to replace hose with both suppliers unable to match angle of hose fittings with only option available is through OEM - Hose shop located at Hastings Deering, Archerfield closed at the time of needing hose replaced Hose replaced by Hastings Deering, Archerfield - Complete site safety forms - Install replacement powertrain hose - Add required transmission oil - Test operation and confirmed all ok - Installed belly guard Supply: Powertrain hose, 30W TDTO, Consumables (@ 11166 Hours)	11166	\$1,390.50	\$664.94
28/08/2023	OTHER	Hastings: Supply univ joint a, 3 x seal o-rings, valve, cap			\$740.70
23/08/2023	OTHER	Filtermax: fuel filter, oil filter, hydraulic filter, air filter, cabin filter, transmission filter			\$776.73
18/08/2023	REPAIR	GNG Mechanical: Replaced u/s radiator cap, replaced u/s hyd tank breather, replaced x 4 arm turion bolts and shim		\$162.00	
18/08/2023	OTHER	Hastings: Supply 20 x Sims			\$121.60

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11/08/2023	OTHER	Hastings: Supply bolt, washer, nut, cap as-rad, valve brkr		\$649.12	
21/07/2023	REPAIR	Sheroz: D6 dozer, lost satellites and radio cutting in & out Tightened up loose fittings on bucatini box, fixed sat connection Earth on the Ariel end was damaged and improper repair down the line, replace radio antenna and cable with new. Replacement radio antenna		\$475.00	\$99.00
20/07/2023	OTHER	Hastings: Supply Inj GP Fuel		\$968.15	
17/07/2023	OTHER	Next REGISTRATION RENEWALS - date postponed from 19-Jul-23			
13/07/2023	SERVICE	HeavyQuip: Collect service kit from A Plant Equipment workshop - Complete onsite job card - Set machine up for service and carry out 500hr service as requested without oil sampling - Cut all filters removed and inspected. All OK - Replace rear fuel tank breather assembly as requested - Tensioned both tracks - Cable tied loose electrical wiring around ROPS area - Re-routed coolant hose in RH engine bay that was rubbing on alternator - Removed cab floor to inspect transmission oil leak however couldn't identify. Will require to lower center belly guard to inspect - Advised of further faults to A Plant mechanic identified during service (@ 10874 Hours)	10874	\$752.00	\$492.00
26/06/2023	OTHER	Hastings and Deerling - vent as Fuel Tank Vent		\$1,773.65	

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21/06/2023	OTHER	Hastings Deerling - Gasket, Seals, Filter AS, Seals, Filter AS-LU, Gasket, Filter- Hydra, Element- AS, Seal, Filter- AS-FU, Hose,Clamp,CM Hose (Bulk) Coolant ENG		\$687.57
20/06/2023	OTHER	- Bas As Joys (Joystick)		\$1,228.87
19/06/2023	REPAIR	O'Connell] DFC Travel to Hastings Deering on way to job and pick up parts required for repair. Attend prestart on-site and then go to machine. Remove covers and parts to access blown water hose. Replace hose as required, took time. Fill with coolant and pressure test. Run machine up and get hot. Check for leaks, All ok. Leave site. (@ 10770 Hours)	10770	\$332.50
16/06/2023	REPAIR	O'Connell DFC: Investigate breakdown through operator onsite. Found water hose to be blown and organise parts for pick up first up Monday morning and talk to Turners about time of repairs		\$95.00
12/06/2023	REPAIR	O'Connell DFC: Load up ute at workshop and order parts out of hastings for suspected fault. Travel to site and locate machine. Diagnose fault and take dash and side panel of cab apart to access RH joystick. Remove joystick and travel to Hastings in very heavy morning traffic. Pick up new joystick and return to site. Fit parts, replaced 2 pins in connector due to corroded and would have failed when refitted. Test all ok. Carry out joystick calibrations and ensure all operating correctly. Pack up from job and return to workshop. (@ 10733 Hours)	10733	\$570.00

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8/06/2023	REPAIR	Oconnell DFC: Travel to site and investigate leaking fuel breather on fuel tank. Sign in onsite and had to wait to get access to machine. After getting access, changed over fuel breather/overflow vent, quickly checked over machine and returned to workshop (@ 10720 Hours)	10720	\$237.50
27/05/2023	OTHER	Hastings: Supply Element, filter, plate and receptacle		\$232.84
3/05/2023	REPAIR	O'Connell DFC: Travel to site, sign in and carry out start card as required. Get escorted top machine at back of site and go through process with safety on changing antenna on roof of machine (Lendlease site). Gain access to machine and change antenna as requested. No change to signal made. Carry out further investigation and found the wrong antenna base was being used and the radio antenna base was missing and cable was there but broken. Rewired mag base and cable to input of mcr3. Tested radio signal and was running much better and not losing signal as per previous issue. Allowed machine to operate for 15 minutes so see if signal cut out again but no issues. Returned offsite and back to workshop (@ 10564 Hours)	10564	\$340.00

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28/04/2023	REPAIR	O'Connell DFC: Carry out machine on-hire inspection and top up all oil levels as required. Replace another 2 grease nipples in rippers due to not holding grease. Tidy and secure wiring in GPS behind seat due to very messy. take machine outdoors and check all signals working for gps, all ok. Secure all wiring between blade and bonnet of machine for gps. Assist in loading. (@ 10549 Hours)	10549	\$255.00
27/04/2023	REPAIR	O'Connell DFC: Remove cutting edges off blade, source new edges. Clean up blade, took time due to the depth of scale build up below edges. Fit new edges and tighten. Fit GPS pole and all gps hardware. Investigate transmission leak, lower belly plate, clean out area so leak could be located and found leaking o'ring on tranmission - torque converter suction hose. Replace o'ring and refit belly plate. Tranmission oil will require topping up tomorrow. (@ 10549 Hours)	10549	\$595.00
27/04/2023	OTHER	ITR: Cutting edge, end bit, bolts, washer, nuts		\$888.17
20/04/2023	SERVICE	O'Connell DFC: Travel to site and get machine to flat work area. Carry out 500hr service as required. Investigate customer saying machine using water, pressure tested for 20 mins with machine running and off but no change or drop in pressure. replaced grease nipples in ripper box due to not taking grease. Clean up work area and return from site. (@ 10522 Hours)	10522	\$510.00

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20/04/2023	OTHER	Hastings: Supply filter kit		\$560.75
28/03/2023	REPAIR	O'Connell DFC: Carry out blade control calibration due to blade movement slow. Investigate wipers not working. Removed wiper bottle (took time due to location) and found lower hose come off bottle. Resecured hose and refitted bottle. Fill with water and test. All ok. Put machine back to work and travel to next job. (@ 10357 Hours)	10357	\$255.00
20/02/2023	SERVICE	Oconnell DFC: Carry out 250 hr service and check over on machine. Adjust track tension after they have worn in from first job and top up cannon oils (@ 10212 Hours)	10212	\$340.00
10/02/2023	REPAIR	MECQ: Assist Sean with D6 Track updates. Remove and replace cannon seals and track adjuster seals. Fit tracks, fit and remove track guides, fit & torque RHF idler, top up track oils and grease cannons		\$1,265.00

Stock No: APH00577

Caterpillar D6T XL

Serial No: TSM00349

Reg No: 16030E

4/02/2023	REPAIR	Oconnell DFC: Remove both cannons, replace cannon seal and replace seals inside track adjusters. Both track adjusters had wear on chrome piston, photos taken. Reassemble cannons inside track frames. Fit track guards, took time due to some parts were incorrect. Fitted wear plates below idlers. Fit carrier rollers and torqued all bolts. Run tracks on both sides. Fill cannon oil levels up. Adjust tracks and test run. Tracking was very tight and noticed new wear on sides of track pins. Found track guards were wearing badly. Bought back inside workshop and removed track guards. test run. All ok. Track pins and very tight and will require working to loosen them and ajust tracks as that happens. Attempted to loosen in yard but still tight sections of track. Have basic clean up. (@ 10181 Hours)	10181	\$1,020.00
2/02/2023	OTHER	Hastings: Spacer, washer, bolt, hose, clamps		\$346.38
1/02/2023	REPAIR	Oconnell DFC: Continue fitting track rollers and segments to machine. Carry out modification to track frame to allow new idlers. took time due to involved cutting gap for idlers out to 220mm, grind and clean up. Fit all idlers. Torque all lower track rollers. (@ 10181 Hours)	10181	\$1,105.00
1/02/2023	OTHER	ITR: Double bevel edge, plow bolt, unc nut		\$343.61
31/01/2023	REPAIR	O'Connell DFC: Continue fitting track rollers to machine. (@ 10181 Hours)	10181	\$85.00

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Caterpillar D6T XL

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25/01/2023	OTHER	Tilly's Crawler Parts: Idler Grp-track x 4, cap assy, washers, bolts, roller track carrier, segment grp sprocket, shoe-track 22"		\$22,508.10
25/01/2023	OTHER	Tilly's Crawler Parts: Tube - track roller, nuts, washers, strip wear, seal-recoil, seal o-ring, rod-track roller guard		\$1,930.50
23/01/2023	REPAIR	Oconnell DFC: Remove all sprocket segments off machine. Oxy off bolts for track end wear strips due to heads worn off. Put all old parts from system one in a pallet. cut off new box from track to keep and not scrap. (@ 10181 Hours)	10181	\$255.00
19/01/2023	REPAIR	Oconnell DFC: Clean up under track frames. Tap out all threads for rollers and track guards due to full of rust and some threads damaged. Took time. Got quote on other parts required for machine. Cleaned up work area. (@ 10181 Hours)	10181	\$510.00
18/01/2023	REPAIR	Oconnell DFC: Continue removing all grouser plates, remove track chains. Oxy all joining bolts off track guards and lower track guards. Remove all lower track rollers and clean up from job. Took time due to all very tight. (@ 10181 Hours)	10181	\$1,020.00
17/01/2023	REPAIR	Oconnell DFC: Bring machine in and set up for removing grouser plates. Start removing grouser plates. Continue on with removing grouser plates off machine. Note, most bolts required heat on nut to remove so took time (@ 10181 Hours)	10181	\$637.50

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Caterpillar D6T XL

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6/01/2023 REPAIR Hastings: Customer complaint: . \$1,533.50 \$1,286.26
- REPLACED SYSTEM ONE
BOX SECTION.
. .
Resultant damage: .
- BROKEN TRACK.
. .
Cause of failure: .
- WORN.
. .
Repair process comments: .
- 18.11.22 E966.
- LOADED UP TOOLING AND
PARTS.
- TRAVELED TO SITE.
- LOCATED MACHINE ON SITE.
- HAD DOZER PUSH A TRACK
TO MACHINE FOR ACCESS.
- SET TRUCK UP NEXT TO
MACHINE.
- DOZER WAS SUNK INTO
DIRT AS SOIL WAS SOFT.
- RE POSITION TRACK
ASSEMBLE .
- REMOVED GROUSER PLATES.
- SET UP SYSTEM ONE
TOOLING.
- PRESSED OFF ONE LINK.
- TURNED TOOLING AROUND
AND PRESSED OFF SECOND
LINK.
- CLEANED UP ALL PARTS.
- BURRED OUT LINK
ASSEMBLY FROM MASTER
LINK AND REMOVED
MASTERLINKS TO REUSE.
- SET UP NEW BOX SECTION.
- SET UP TOOLING AND
PRESSED 1X LINK ASSEMBLY
TO NEW BOX SECTION. Parts:
Link as-trk, nuts, bolts

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10/11/2022	REPAIR	O'Connell DFC: Travel to site and investigate ash level high fault. Carried out manual DPF burn and manual ash regen. Carried out manual ash reset. All ok. Put machine back to work. Took time due to length of service procedures. Return to yard. (@ 10162 Hours)	10162	\$340.00	
31/10/2022	REPAIR	O'Connell DFC: Travel to site, take out replacement slope sensor due to faulting on screen. Fit new sensor but still faulting. Suspect bacle faulty. T - Link not working. No power to T-link at all. No poweer coming from mcr3. Checked power supplies and wiring but all appeared ok. Carry out manual DPF burn due to level high. Return to workshop. GPS will require further investigation. (@ 10100 Hours)	10100	\$297.50	
8/10/2022	OTHER	Hastings: Wiper arm assembly			\$100.69
7/10/2022	REPAIR	O'Connell DFC:Clean out cabin floor and refit all floor plates and floor mats to machine. Source and fit e -stop on rear of machine due to missing red button. Source and fit shims to rippers as required due to excessive play. Grease rippers, all ok. Source and fit new front window wipers to machine as required due to broken pivot. (@ 10030 Hours)	10030	\$425.00	
7/10/2022	OTHER	Hastings: Arm as, blade as			\$135.64
7/10/2022	OTHER	ITR: 2 x 3mm shimms, 1 x 1.5mm shimms, 1 x 1mm shimms			\$94.29

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6/10/2022	REPAIR	O'Connell DFC: Refit new hose to torque converter, took time due to location. Change 2 x o'rings on implement pump that were leaking in belly too. Run up all ok. Grind and prep belly plate bolt retainers that broke off when removed belly plate. Reweld 2 x lugs back to machine frame and refit belly plates (@ 10030 Hours)	10030	\$425.00
5/10/2022	REPAIR	O'Connell DFC: Carry out machine off-hire check over. lower belly plates due to oil leaks coming through belly. Take out floor. Found leaking hose on torque converter and leaking transission oil filter fittings in housing. Remove transmisson filter housing and reseal all fittings as required (took time due to location). Remove torque converter hose as required and get made, in very difficult position so took time. Will continue tomorrow. (@ 10030 Hours)	10030	\$595.00
5/10/2022	OTHER	Yatala Hydraulic & Hose: hose assembly		\$169.92
26/08/2022	REPAIR	OCONNELL DFC Bring machine into workshop. Carry out 500hr service. Adjust track tension. Investigate 2 fault codes coming up. One code was fauly etop on ground level and other code was aftertreatment issue. Found earth wire to EGR sheeth had broken off. Reseccured and carry out manual DPF burn no issues. Carry out blade calibration. Get ready for site.		\$560.00

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26/08/2022	OTHER	HASTINGS: 1 x element prim, 1 x element as		\$232.42	
25/08/2022	OTHER	HASTINGS: 1 X filter as, 2 x filter as, 1 x filter as, 1 x element filter, 1 x element as		\$310.43	
31/07/2022	OTHER	hastings: 1 x pump gp fuel		\$4,456.33	
28/07/2022	OTHER	Next REGISTRATION RENEWALS - date postponed from 19-Jul-22			
27/07/2022	REPAIR	Position Partners: Replace missing female connector		\$72.50	\$15.00
26/07/2022	OTHER	HASTINGS: 1 x hose as, 65 x hose bk, 1 x couple as, 1 x couple as, 1 x seal, 2 x hyd adv 10 20L, hose van labour 1 hour		\$91.30	\$865.79
25/07/2022	REPAIR	O'connell DFC: Travel to Sunshine Coast and investigate oil leak on machine. Found blown diff steer hose from pump to motor. Organise 2 x new hoses. Remove floor plates, seat and belly guards. Change hoses, Took time due to location. Fill with 60ltrs of oil. Run up machine and check operation. All ok. Refit all guarding, seat and floor plates. Clean up from job. Return from job. (@ 9835 Hours)	9835	\$680.00	
21/07/2022	REPAIR	KOMMAND: Removed Broken connector from cable. Added heat shrink. Soldered new connector. Heated shrink. Added Anticorona Lacquer. Tested on Kommand Test bench. Tested working OK.		\$130.00	\$85.65

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Caterpillar D6T XL

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Reg No: 16030E

7/07/2022	REPAIR	A&C AUTO ELEC: callout and labour to check a/c, found a/c out of gas, nitrogen tested a/c, advised a/c system held 350 psi at pressure. Suspect leaking from a/c compressor. Supplied and fitted new compressor and rec/drier, replaced schrate valves, VAC tested and regassed. Rechecked A/C. Nitrogen tested. (@ 9798 Hours)	9798	\$423.50	\$1,172.40
29/06/2022	REPAIR	YTEE8/2/2022 Proceed to site burbengary Check fault with AC, found rubber mounts missing on the condenser and can't detect any leaks regas and test all operation ok Regas, Regas 2.7kg system		\$510.00	

Stock No: APH00577

Caterpillar D6T XL

Serial No: TSM00349

Reg No: 16030E

25/06/2022 REPAIR HEAVYQUIP: - Collect front 9762 \$565.00 \$10.00
timing cover gasket from

Hastings Deering, Archerfield as
Caboolture

branch had NIL stock

- Carried on with assembly of
engine

- Finished off installing all parts
removed to aid

in replacement of fuel pump

- Changed all fuel filters

- Primed fuels system and operated
machine.

Confirmed no fault codes no
present relating

to fuel pump solenoid

- Operated up to operating
temperature and

carried out fuel system verification
test

- Test passed OK

- Installed guards removed

- Advised that wiring repaired for
hydraulic

joystick had been for one of the
joystick

switches and replacement joystick
would be

needed to repair intermittent

hydraulic fault (@ 9762 Hours)

Stock No: APH00577

Caterpillar D6T XL

Serial No: TSM00349

Reg No: 16030E

24/06/2022 REPAIR HEAVYQUIP: - Collected parts 9762 \$1,525.00

from Hastings Deering,
Archerfield
- Arrived at site with machine
working
- Had to wait twenty minutes for
machine to be
brought over to hardstand area
- Start on fuel pump replacement by
removing
required parts
- Collected replacement electrical
connectors
from Hastings Deering, Caboolture
branch due
to Archerfield not having stock at
time of order
- Required to rotate engine so
number one
piston is at TDC compression stroke
- Needed to remove rocker cover to
ensure
inlet and exhaust valves are rocking
- Cleaned away excessive
compacted furr
build up around rocker cover and
base
- Had to do this so when rocker
cover is
removed no contamination falls
inside engine
- Due to the amount I couldn't
remove all
contamination due to confined space
- Opted to remove front timing
cover and
rotate engine until timing marks for
TDC lined
up
- Had to rotate engine twice to get
timing gears
lined up exactly in the correct
position

Stock No: APH00577

Caterpillar D6T XL

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		- Timed failed fuel pump and removed from machine	
		- Swapped over all necessary fuel fittings to replacement fuel pump	
		- Installed replacement fuel pump and started on assembly of engine components (@ 9762 Hours)	
24/06/2022	OTHER	HASTINGS: 1 x seal, 1 x seal o ring, 1 x pump kt, 1 x filter as , 1 x filter as fu	\$282.70
24/06/2022	OTHER	HASTINGS: 1 x locknut, 1 x bolt	\$33.35
23/06/2022	OTHER	HASTINGS: 1 X seal, 1 x seal oring, 1x pumo kt, 1 x filter as, 2 x filter As	\$282.70
23/06/2022	OTHER	HASTINGS: 1 X SEAL	\$257.19

Stock No: APH00577

Caterpillar D6T XL

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21/06/2022 REPAIR HEAVYQUIP: Travel to site 9747 \$925.00

Operator complaint further of engine derating
- Connected CAT E.T and confirmed no further logged codes relating to high and low voltage, data drifted low codes and supply voltage issues to sensors
- Operated machine up to operating temperature
- Inspected and tested air supply system for operation. All OK
- Tested low pressure fuel system circuit and confirmed within operating pressures
- Inspected high fuel pressure system and confirmed active fault code relating to number two solenoid coil open circuit
- Was able to remove connectors by pushing with punch meaning connectors weren't clicked into place on solenoid coils
- To inspect further fuel filter housings and brackets had to be removed to gain access to fuel pump and solenoids
- Confirmed connects on harness not latching on solenoids
- Dis-connected solenoids and bypass wiring with jumper wires
- Operated engine and confirmed fault codes changed from current below normal

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(-5) to
current above normal (-6) meaning
harness
and engine ECM operating correctly
- Advised service manager that
replacement
high pressure fuel pump needed to
rectify
operator complaint
- Emailed required part numbers
and
quantities to carry out repair
- Approval received to inspect
operator
complaint of hydraulics not working
intermittently
- Removed covers to trace back
wiring from
joystick to ECM. All OK
- Removed joystick boot and found
a broken
wire evident. Repaired wire and
operated
hydraulics. Couldn't get hydraulics
to fault
further
- Installed guards removed in ready
for
machine operation the following
shift (@ 9747 Hours)

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Caterpillar D6T XL

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19/06/2022	REPAIR	HEAVYQUIP: Operator complaint of engine derating - Unable to check operation due to auto electrician inspecting A/C system at time of inspection - Connected E.T and noted multiple logged event codes which would cause intermittent low engine power - Inspected batteries and found all terminals loose and possible melted battery posts due to loose terminals evident - Advised at lease one battery needs replacement due to terminal post melted - Tightened clamps - Inspected alternator and also found extremely loose positive terminal - Checked remaining cables on alternator. All OK - Tensioned RH track due to being extermely slack - Advised service manager of findings (@ 9735 Hours)	9735	\$325.00
10/06/2022	REPAIR	Wren Diesel:		\$240.00
31/05/2022	REPAIR	Wren Diesel: Carry out on hire report, replaced beacon, adjusted transmission oil level and fit all panels that were removed for the no power fault, fueled machine.		\$240.00

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26/05/2022	REPAIR	O'Connell DFC: Investigate machine not starting. Machine keeps blowing aux battery fuse. Found plug burnt and terminals touching at RH rear cabin cig socket. Found wiring on AUX battery plug LH rear of machine all exposed. Get machine running and brought into workshop set up for gps install. (@ 9688 Hours)	9688	\$240.00	
26/05/2022	REPAIR	Wren Diesel: Fit gps T bar and hook up GPS system.		\$120.00	
25/05/2022	REPAIR	Wren Diesel: No power fault - aux power fuse blowing in fuse box, removed covers and inspected battery cables. inspected emergency stop circuit. Inspected isolator and jump start circuit, removed all relays and inspect all ok.		\$160.00	
20/05/2022	OTHER	SHEROZ: Travel to A Plant yard, inspect/quote & tidy up Topcon cabling		\$235.00	
5/05/2022	REPAIR	O'Connell DFC: Investigate blade control not working. Carry out calibration and operation all ok. Diagnose fuel solenoid fault. Found faulty no1 high pressure solenoid but not hindering operation. Replacement require new high pressure fuel pump so will run machine and see if fault develops. All running ok currently (@ 9679 Hours)	9679	\$320.00	
3/05/2022	REPAIR	YTEE: aircon, proceed to site, check fault, AC found with blockage. Collect parts, remove and replace receiver dryer, flush condensor as required. Fit new dryer, regas and test all operation ok.		\$495.00	\$507.06
19/04/2022	REPAIR	O'CONNELL DFC: Finish putting all panels on machine		\$40.00	

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15/04/2022	OTHER	HASTINGS: 1 x knob			\$21.40
14/04/2022	REPAIR	OCONEILL DFC- Put floor back in machine and seat with new wear slides. Diagnose and repair seat suspension fault. Drill and helicoil A/C air filter box cover. Fit belly plates. (@ 9679 Hours)	9679	\$320.00	
14/04/2022	OTHER	ITR - 4 x bolt track, 4 x nut track			\$17.72
13/04/2022	REPAIR	OCONEILL DFC - Torque all transmission, diff and final bolts. Clean out rear end and rippers ready for fitment. Fit rippers and check operation. All ok. (@ 9679 Hours)	9679	\$480.00	
13/04/2022	OTHER	HASTINGS: 4 x block slider, 4 x set screw			\$31.92
12/04/2022	REPAIR	OCONEILL DFC - continue repairs. Put track back on. Move machine for washing. (@ 9679 Hours)	9679	\$520.00	
12/04/2022	REPAIR	OCONEILL DFC - Continue fitting diff steer components and LH final to D6T (@ 9679 Hours)	9679	\$320.00	
11/04/2022	REPAIR	OCONEILL DFC - prepare rebuilt final drive for installation. Install final drive into machine. Start insatlling diff street components. (@ 9679 Hours)	9679	\$400.00	
10/04/2022	OTHER	HASTINGS: 1 x seal oring, 1 seal, 2x seal oring			\$44.61
8/04/2022	REPAIR	SALMON: Final drive repair		\$1,995.00	\$4,784.63
9/03/2022	REPAIR	OCONEILL DFC - Fit magnetic screen. Fill gear box with oil. All ok. Attemot to put LH side axel but found machine had no drive. Investigate and founf no brake pressure. Possible bypass not allowing full gear box oil pressure. Further investigation to be carried out. (@ 9679 Hours)	9679	\$560.00	

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8/03/2022	REPAIR	OCONNELL DFC - Finish fitting transmisson and torque converter hoses. Change transmission filter. (@ 9679 Hours)	9679	\$160.00	
8/03/2022	OTHER	HASTINGS - Washer			\$10.71
7/03/2022	REPAIR	SALMON- Repair Transmission.		\$3,612.50	\$3,500.68
7/03/2022	REPAIR	OCONNELL DFC - jack up cab, fill transmission with oil. Charge up batteries, charge not holding jump start machine. PTO sounded very loud (too much bearing preload) so shutdown machine. Removed main driveshaft from engine. Released park brake. Towed machine out of workshop. (@ 9679 Hours)	9679	\$680.00	
7/03/2022	OTHER	YHH: REPLACE TRANSMISSION HOSE: HOSE INSERT-CODE 61 SAE FLANGE-90 DEGREE O RING-DURO 90-VITON-SAE FLANGE-1.25" HOSE-MULTISPIRAL-ISOBARIC-350 BAR FERRULE MULTI SKIVE 4SP 4SH R12 HT2 XT HB-M10X35ZP: HEX BOLT-METRIC-M10X35-ZP-G 8.8 FLANGE CLAMP-SAE CODE 61-1" LABOUR CONSUMABLES		\$147.00	\$216.39
15/02/2022	REPAIR	Oconnell DFC - Remove rippers ready for transmission removal. Remove all componetry required and remove transmission from machine. Took time due to transmission getting stuck coming out due to LH side roller collapsed causing transmission to bind up when removing. Clean area. All ok		\$840.00	

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15/02/2022	OTHER	Pirtek - Flange plug			\$64.02
10/02/2022	OTHER	Hastings - Element As-X, O rings			\$192.56
22/01/2022	REPAIR	HASTINGS: Reapir Track Assembly. Worn bush (@ 9488 Hours)	9488	\$2,479.00	\$1,060.47
11/01/2022	REPAIR	Heavyquip: - Confirmed fault of engine not starting - Carried out testing and diagnosing of starting system - Testing found starter motor fault for cause of issue - Advised service manager of findings - Ordered and collected Reman starter motor from Hastings Deering - Dig out excessive mud/rubbish build up under machine - Remove centre and front belly guards - Start on removing all necessary parts (@ 9610 Hours)	9610	\$940.00	
11/01/2022	OTHER	Hasting Deering - Motor G Elec, Motor G Elec Core C, Gasket			\$2,595.52

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9/12/2021 REPAIR 2 : Repair - Track Assembly 9488 \$2,479.00 \$1,356.30

Customer's PO number: APH0577

Customer complaint: .

- REPLACE TRACK BOX SECTION.

.

Resultant damage: .

- WORN BUSH.

.

Cause of failure: .

- DRY LINK.

.

Repair process comments: .

- 09.12.21 E966.

- SMU 9488 HRS.

- LOCATED PARTS.

- LOADED UP TRACK PRESS AND TOOLING. - TRAVELED TO SITE.

- LOCATED MACHINE.

MOVED GRADER TO GET ACCESS TO MACHINE IN SHED.

- LOCATED FAILED LINK.

- SET MACHINE UP AND BACKED OFF TRACK.

- REMOVED GOUSER PLATES.

- SET UP SYSTEM ONE TOOLING.

- PRESSED OFF ONE LINK.

- DISASSEMBLED TOOLING AND TURNED AROUND,

PRESSED OFF SECOND LINK.

- MOVED TOOLING ALONG AND REMOVED OTHER 2X LINKS.

- REMOVED FAILED BOX SECTION.

- CLEANED UP ALL PARTS.

- SET UP NEW BOX SECTION AND PRESS.

- PRESSED ON ONE LINK, MOVED TOLLING AND

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INSTALLED SECOND LINK.
- LINED UP TRACK AND
PRESSED ON REMAINDER
TWO LINKS.
- PACKED UP PRESSING GEAR.
- INSTALLED GROUSERS AND
TORQUED.
- PUMPED UP TRACK.
- DROVED MACHINE AROUND
AND ADJUSTED TRACKS.
- INSPECTED ALL OTHER
LINKS FOR EXTENSION ALL
LOOKED OK.
- MOVED TRUCKS OUT OF
WORKSHOP AND CLEANED
MUD THAT TRUCKS DROVE
IN.
- CONNECTED ET AND HAD A
LOOK AT ENGINE FAULT
CODES.
- FOUND TO HAVE HIGH FUEL
PRESSURE SOLINOID 1
VOLTAGE ABOVE NORMAL.
- ADVISED CUSTOMER OF
FAULT BUT COULD NOT
EASILY GET ACCESS TO
SOLINOID. - PACKED UP
TOOLING.
- TRAVELED TO BRANCH.
- RETURNED PRESS AND
CREDITED BACK PARTS NOT
USED.
- COMPLETED SERVICE

2/12/2021 REPAIR

YTEE: Proceed to site, diagnose
and fault find
problem with wipers not working.
Checked all fuses and relays, traced
wiring from switched after
discovering no power to the
switches. Discovered 4 plugs
undone all under the hood lining.
Once I got them all together all 4
wipers started working. Test all ok

\$450.00

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1/12/2021	REPAIR	JoW: Diagnose and repair electrical faults with lights and check why window wipers not working advised may need sparky to look at		\$125.00
30/11/2021	REPAIR	JoW: Assemble L/H final drive and adjust track and test (@ 9486 Hours)	9486	\$300.00
30/11/2021	REPAIR	JW: Finish off installing L/H track and adjust and test. Found left hand link U/S (@ 9486 Hours)	9486	\$275.00
29/11/2021	REPAIR	JoW: removing broken bolts and tapping holes for tilt cylinder guard (@ 9486 Hours)	9486	\$57.50
26/11/2021	REPAIR	JW: fit segments to new housing and new bearings and seals (@ 9486 Hours)	9486	\$350.00
25/11/2021	REPAIR	JW: Assembly final drive with new bearings, cones and seals (@ 9486 Hours)	9486	\$250.00
25/11/2021	REPAIR	JoW: Fit final dirve (@ 9486	9486	\$250.00
25/11/2021	REPAIR	JOW: heat and remove segments bolts (@ 9486 Hours)	9486	\$52.50
24/11/2021	REPAIR	JW: Cut master link bolts, remove final drive strip down chase up if housing could be repaired and availabilty (@ 9486 Hours)	9486	\$500.00
24/11/2021	REPAIR	JoW:Remove R/H track, final drive (@ 9486 Hours)	9486	\$200.00
24/11/2021	REPAIR	JoW: Assemble final drive and extract broken bolts from track master link (@ 9486 Hours)	9486	\$75.00
23/11/2021	REPAIR	JW: Check transmission screen and correct oil, Chase down hi torque to try and remove master link bolts. Used heat and still couldnt get bolts to undo, (@ 9486 Hours)	9486	\$475.00
19/11/2021	REPAIR	DG: Prep to remove other final drive		\$245.00
19/11/2021	REPAIR	DG: Remove final drive covers and dig dirt out		\$70.00

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12/11/2021	REPAIR	JJW: Carry on removing final drive ass. & strip down. Take photos parts and organise.	\$325.00
11/11/2021	REPAIR	JJW: Remove track and final drive	\$175.00
10/11/2021	REPAIR	JJW: Start getting dozer ready to remove track.	\$200.00

Stock No: APH00577

Caterpillar D6T XL

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Reg No: 16030E

24/09/2021 REPAIR

HASTINGS: Customer complaint: .
- REPLACE SYSTEM ONE
TRACK LINKS.

\$2,400.25 \$1,769.98

.
Resultant damage: .
- DAMAGED BOX SECTION
CARTRIDGE.

.
Cause of failure: .
- UNKNOWN.

.
Repair process comments: .
- 24.09.21 E966.
- SMU 9276 HRS.
- LOADED UP TRACK PRESS
AND PARTS.
- TRAVELED TO SITE.
- SIGNED IN AND LOCATED
MACHINE.
- HAD TO MOVE MACHINERY
TO GET ACCESS TO MACHINE.
- SET MACHINE UP.
- LOOSENED TRACK.
- REMOVED GROUSERS.
- SET UP CRANE,SPLIT TRACK
AND LAYED OUT.
- SET UP SYSTEM ONE
TOOLING AND PRESSED 1X
LINK OFF.
- ROTATED TOOLING AND
REMOVED OTHER LINK.
- TRIED TO DISASSEMBLE
OFFSET LINK BUT IT IS AND
UNSERVICEABLE PART. -
ORDERED OFFSET LINK AND
ORGANISED TO BE SENT UP.
PACKED UP PRESS AND
TOOLING.
- TRAVELED TO BRANCH.
.
- 27.09.21 E966.
- PICKED UP PARTS.
- TRAVELED TO SITE.

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- SIGNED IN AND SET UP
CRANE NEXT TO MACHINE.
- SET UP TRACK ON BLOCKS.
- LINED UP NEW OFFSET LINK
WITH TRACK.
- SET UP SYSTEM ONE
TOOLING.
- INSTALLED FIRST LINK AND
PRESSED ON.
- ROTATED TOOLING AND
FITTED SECOND LINK.
- DROVE MACHINE BACK
ONTO CHAIN.
- FITTED MASTER LINK.
- FITTED ALL GROUSERS AND
TORQUED.
- PUMPED UP TRACK.
- DROVE MACHINE AROUND
AND INSPECTED LINKS.
- PACKED UP TOOLING.
- TRAVELED TO BRANCH.
- UNLOADED TOOLING.
- DISCARDED RUBBISH AND
CREDITED PARTS NOT USED. -
COMPLETED SERVICE
REPORT.

13/09/2021	REPAIR	HEAVYQUIP: APH 0577 9245hrs - Waited for machine to arrive at site - Asked site contact about above machine and was advised machine was already in use down in quarry at rear of site - Carry out pre-hire inspection (@ 9245 Hours)	9245	\$270.00
20/07/2021	OTHER	RG: Get belly plates off, inspect, wash, check wheel end covers		\$90.00
8/07/2021	OTHER	WESTRAC: Element prime, filter ass		\$127.36
5/03/2021	OTHER	WESTRAC: 1 x cover and 1 x seal o-ring		\$133.78

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17/02/2021	SERVICE	HR: Full service: engine oils and filters, new fuel, air and cabin filters, Next service due 9041HR (@ 8791 Hours)	8791	\$120.00	
16/02/2021	REPAIR	HR: Installed front pulley housing, installed ALT 2 air con bracket, installed ALT 2 belt, tidy up wiring, Fill with coolant (air lock in coolant system had to bleed, filled with new coolant, tested and checked no leaks) Installed belly guard plates, installed new o-ring on hydraulic filter (@ 8790 Hours)	8790	\$285.00	
15/02/2021	REPAIR	HR: Removed old plugs and fitting of old water pump and installed to new pump, installed pulley 2 adaptor housing. Installed water pump to housing (@ 8790 Hours)	8790	\$120.00	
12/02/2021	OTHER	HR: Remove plugs from old pump and installed with new. (@ 8790 Hours)	8790	\$40.00	
11/02/2021	OTHER	WESTRAC: Pump GP-Waste, Seal			\$723.07
10/02/2021	REPAIR	HR: Remove water pump from engine, had to remove all pipework and alternator. Remove front bracket for pulley and aircon belt. Removed pump from machine. Investigate. Waiting on new pump for installation (@ 8790 Hours)	8790	\$110.00	
5/02/2021	SERVICE	MATRIX: Carried out 250hr Service			
11/12/2020	OTHER	WESTRAC: Hose assembly			\$223.67
9/12/2020	OTHER	WESTRAC: Hse Ass			\$155.49
11/11/2020	REPAIR	GC: Remove cab roof lining, fabricate support bracket and fit to lining. Refit roof lining		\$150.00	
10/11/2020	REPAIR	GC: Fit transducer to radiator, remove leaking hose, wash out belly guard, fit new hose, fit belly guard, R&R Trans filter and pilot filter		\$225.00	

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10/11/2020	OTHER	WESTRAC: Element assembly, element filter		\$159.24
10/11/2020	OTHER	SCH: Heater hose and clamps		\$63.27
9/11/2020	OTHER	GC: Top up coolant, diagnose coolant leak, remove engine and belly guard (@ 8673 Hours)	8673	\$125.00
26/09/2020	OTHER	Road Runner - Dipstick Tube Oil Filter Fuel Filter Assembly		\$174.22
19/09/2020	OTHER	WesTrac - Filter Element		\$144.71
18/09/2020	SERVICE	Carry out 500 hour service, Check Final drives test run all ok (@ 8484 Hours)	8484	
18/09/2020	REPAIR	Cut old bolts on cutting ende, Take off edgeds and clean up blade, fit new edges		\$50.00
18/09/2020	REPAIR	Fit new all new GET		
18/09/2020	OTHER	DCT - Washer Nut Plow Bolt End Bit LH End Bit RH Edge		\$867.41
18/03/2020	SERVICE	Fit new LED Beacon		
12/02/2020	SERVICE	Carry out Service as per manufacturers recommendation (@ 8025 Hours)	8025	
17/10/2019	SERVICE	carry out 250 hour service (@ 7756 Hours)	7756	
6/03/2019	REPAIR	Service machine as per manufacturers recommendation (@ 7467 Hours)	7467	
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				\$83,289.30 \$86,356.41