

| MG 804 | | Current Hours : | 42437 |
|-------------------------------|----------------------|----------------------|---------------------|
| SN : 6ZJ00678 | | CAT | 16H 2000 |
| Componentents | Component SMR | Hours Changed | Date Changed |
| ENGINE | 2137 | 40300 | 07/29/2021 |
| TURBO | 7777 | 34660 | 07/31/2019 |
| RADIATOR | 7777 | 34660 | 07/31/2019 |
| TRANSMISSION | 2124 | 40313 | 07/29/2021 |
| IMPLEMENT PUMP | 42437 | | |
| IMPLEMENT PUMP DRIVE | 42437 | | |
| RIGHT BLADE LIFT CYLINDER | 42437 | | |
| LEFT BLADE LIFT CYLINDER | 42437 | | |
| RIGHT ARTIC CYLINDER | 42437 | | |
| LEFT ARTIC CYLINDER | 42437 | | |
| RIGHT STEERING CYLINDER | 42437 | | |
| LEFT STEERING CYLINDER | 42437 | | |
| WHEEL LEAN CYLINDER | 42437 | | |
| INDEX CYLINDER | 42437 | | |
| BLADE SIDESHIFT CYLINDER | 5833 | 36604 | 03/01/2020 |
| RIPPER CYLINDER | 42437 | | |
| CIRCLE DRIVE MOTOR | 42437 | | |
| RIGHT FRONT WHEEL BEARINGS | 42437 | | |
| LEFT FRONT WHEEL BEARINGS | 42437 | | |
| REAR DIFF | 42437 | | |
| POS 3 WHEEL ASSEMBLY / BRAKES | 42437 | | |

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|-------------------------------|-------|-------|------------|
| POS 4 WHEEL ASSEMBLY / BRAKES | 42437 | | |
| POS 5 WHEEL ASSEMBLY / BRAKES | 42437 | | |
| POS 6 WHEEL ASSEMBLY / BRAKES | 13630 | 28807 | 03/14/2018 |
| LEFT TANDEM | 42437 | | |
| RIGHT TANDEM | 42437 | | |
| Circle Drive Box | 4393 | 38044 | 06/23/2020 |

| Work Order | Description | Date |
|------------|--|------------|
| 20622 | Jammed grader blade | 08/04/2017 |
| 21332 | Electrical faultUnit shuts down under load, carried out test and checks. Found loos connection in E-stop circuit. Rectify - test run - OK. | 08/08/2017 |
| 21368 | Machine shutting down.Checked all E stops - OK. Fire suppression was causing issue, found wire with power problems. | 08/09/2017 |
| 21373 | Re-assemble interior panels after repairs. | 08/09/2017 |
| 21491 | Cabin heater not working. Turn on heater taps | 08/03/2017 |
| 21598 | Commission of machine.Changed out cutting edges, repair washer pipes, make bracket and mount bottle. Change flashing light and work lights, checklist for commission. | 07/28/2017 |
| 21714 | Remove bent and broken bolts. Tap out new threads and assemble. | 08/04/2017 |
| 22033 | Not building air.Not building up air, found governor faulty, replace and test - OK. | 08/19/2017 |
| 22188 | Fit grease hose to greaser.Made bracket and fitted to greaser. | 08/16/2017 |
| 22297 | Replace work light and radio.Remove old work light at bottom of cab and replace with LED. Remove old radio and replace with new. | 09/04/2017 |
| 22302 | 500 Hour service as per schedule. | 09/03/2017 |
| 23070 | Completed Fire Suppression in accordance with OH & S RequirementsCompleted by MBD Contractors - Andrew Paige | 10/19/2017 |
| 23105 | AC Fault - Checked pressures, leaks & found shredder values leaking, remove & clear. Checked compressors and recharged AC system. | 10/04/2017 |
| 23471 | Fix steering cylinder pin | 10/19/2017 |
| 23619 | Remove fire suppression module refit new unit and rewire | 10/18/2017 |
| 23781 | Replaced Cutting Edges, top up trans & engine oil, fill up with fuel | 10/07/2017 |
| 23990 | Failed AC - Removed & replaced AC Compressor, replaced reciever & dryer, vac system down, charge system & checked for correct operation ok | 10/08/2017 |
| 24244 | Grader 1000hr service | 11/10/2017 |
| 25482 | Fire Suppression - Add start amount of nitrogen to bring up required pressure. Check fittings on trigger line for tension | 11/17/2017 |
| 26494 | Ac n/w - connected gauges both pressured high varied system, 2.6 kg of gas recovered c/o drier, varied system & checked for leaks charged 1.6 kg of gas ok | 12/28/2017 |
| 26501 | Blade slide missing - replaced RHS lower blade slide | 12/22/2017 |
| 26723 | Fire Suppression Gauge - cabin gauges low, fit back cap, test trigger line for leaks - all ok. Release bottle pressure - reset head, reconnect system & charge - all ok, | 01/14/2018 |
| 26778 | Refit blade slide weld up brackets | 01/04/2018 |

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| 27185 | cutting edges replaced cutting edges replaced worn bolts & nut will need new bolts next time | 01/18/2018 |
| 27190 | carried out service | 01/18/2018 |
| 27601 | missing R/H side blade side - replaced blade side unit ready for operation | 02/05/2018 |
| 28294 | R & R cutting edges, remove old ones replaced with new blades | 02/18/2018 |
| 28791 | Squealing belt - replaced all fan belts | 03/03/2018 |
| 29010 | Grader 1000hr service | 05/02/2018 |
| 29134 | Replace ball stud down in clay pit - Pos 2 ok with movement but boot has splits | 03/12/2018 |
| 29265 | Tandem - disassemble tandem, remove chains & sprocket, test the front axle - ok, won't lock up, locks up with air. Ok. Remove main sprocket - broken, disassemble parts & inspect & clean parts | 03/12/2018 |
| 29322 | Clean parts to identify if u/s or serviceable, disassemble brake system & parts all broken & hard to get out. Got all parts apart & cleaned & wrapped to order new parts. | 03/13/2018 |
| 29644 | Pull out wheel lean cylinder assembly - Done pulling out wheel lean cylinder assembly | 03/21/2018 |
| 30991 | Fire suppression system service - Graders 6 monthly - MBD | 04/19/2018 |
| 31036 | Change cutting edge with run out, dismantle steering column & weld broken bracket | 04/25/2018 |
| 31131 | Fail wheel bearing on trailer at the dust off area - Chained up axel removed wheels drove back to workshop | 04/29/2018 |
| 31465 | Wash & clean machine re-gas fire suppression (alarming) | 05/02/2018 |
| 31689 | Wash machine & prepare removing and replacing wheel - | 05/04/2018 |
| 31778 | Replace cutting edges - Replaced cutting edges, torqued bolts all ok. | 05/10/2018 |
| 31791 | Park brake alarm stays on - Found relay to be u/s, replaced relay | 05/07/2018 |
| 31834 | Not Starting - Found isolator n/w, needs replacing | 05/11/2018 |
| 32031 | Recharged fire suppression | 05/13/2018 |
| 32062 | Directional light not working - Need to find electrical issue | 05/15/2018 |
| 32719 | Change pos 6 Tyre - Wheel pos 6 removed, tyre changed & wheel fitted, torqued and tag fitted | 05/30/2018 |
| 32913 | Caterpillar Grader 16H 500hr service | 06/15/2018 |
| 32987 | Blower fan fault- Remove seat amp test blower fan ok, test switches and wiring replace fuse holder, assemble test run | 06/07/2018 |
| 33820 | Replace cutting edges - positioned machine removed all cutting edges, install new cutting edges, testing - ok | 06/30/2018 |
| 35157 | Jack down stuck-up center hitch pin- Re shim, push in center pin bushing remove snap hitch pin bolts | 08/02/2018 |
| 34663 | Install battery cover | 07/22/2018 |
| 34101 | Blade slider jammed - Push blade back in Test OK | 07/08/2018 |
| 34099 | Check cab blower fan N/W - Replaced blown up fuse - Test blower function | 07/08/2018 |

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| 34092 | Checked A/C blower N/W - A/C blower fuse always blown when switching the A/C blower selector - Checked A/C blower fuse (busted) replaced new fuse - Checked circuit of blower A/C - Removed cover and attachment - Repaired wiring connection- Installed back cover and attachments & sent to W/S | 07/08/2018 |
| 34058 | Replaced cutting edge - Positioned unit- Removed cutting edge (2pcs)- Cleaned surface area - Installed new cutting edge (2pcs)- Testing (OK) | 07/07/2018 |
| 34053 | Electrical harness unsecured - Fixed electrical harness location | 07/07/2018 |
| 38333 | Cont to repair the unit - Search & find some parts missing - Installed blade cylinder (center) Installed bracket/bolts and pin - Cleaned/installed hitch pin cover (top) - Cleaned articulation cylinder & pin - Cleaned work area | 09/29/2018 |
| 38405 | Connect front & rear body - Coupled front and rear body (frame) - aligned & installed pin on (top & cover) hitch articulation - Installed also bushing - To be cont | 10/03/2018 |
| 38589 | Continue to repair the unit - Installed hoses and lines- Installed clutch pedal cables - Installed throttle cable - Adjusted clamps, covers, other attachments - Installed wiring and harness (HOURS NOT GIVEN) | 10/03/2018 |
| 33564 | Tyre pumped up & taken to W/S remove tyre & repair & refit, repairs to oil leak, adjust ram & repair grease line | 06/21/2018 |
| 38636 | Replace broken reverse switch - Wire up reverse alarm & light - Prestart check - Fix signal light | 10/16/2018 |
| 38638 | Order parts listed (windscreen, back alarm switch, transmission control lever) done | 10/16/2018 |
| 38646 | Put rear engine cover, seat, control covers back on | 10/15/2018 |
| 33534 | Caterpillar Grader 16H 1000hr service | 07/21/2018 |
| 33353 | Light blown - rear RHS light blown, change light globe, re-connect wires & fix | 06/16/2018 |
| 32693 | Fit new cutting edge, fixed fire suppression lines & charge nitrogen, inspect ok | 05/30/2018 |
| 39554 | No start - Replaced hand primer also removed fuel hoses and cleaned & blew air back through fuel tank, replaced fuel filter, cleaned primary filter tested - Note at time of test - Still needs tank removed and tested | 11/13/2018 |
| 32141 | Grader start issues - isolator internal fault, remove isolator, fit isolator (not right) as nil in stock waiting on parts | 05/17/2018 |
| 39723 | Check all lights - repair reverse lights & blade light order park brake lever | 11/14/2018 |
| 39865 | Fix LH door latch - Unit OK | 11/20/2018 |
| 32133 | No power - Check wiring with Daan, test all connections in wiring by Daan, found no earth to cab, run earth cable from battery to cab & got earth to machine, test isolators & found the battery isolator is faulty & earth is not connecting, un-jam isolator & start & run - needs new isolator, waiting on parts. | 05/16/2018 |
| 27402 | steering pin moved out | 02/01/2018 |
| 39928 | Install starter motor - Belt wont go in hole very well - Loosen top bolt & try to wiggle starter around to get bolt started - Wont work - Remove starter off machine - Found that the threads in housing have been pulled out - Go to W/S & get tap - T tap in new threads | 11/23/2018 |

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| 39963 | Wont start Go line - Check battery voltage ok, check all fuses ok, remove RH console, test key switch, ok test 4 relays on key switch harness ok test start relay ok, bridle start signal wire to batt post - not charging hit solenoid to free up no good remove starter - return to W/S - Grind back mounting to allow bolt clearance at holes - attempt to fit unsuccessfully return to W/S pack up | 11/23/2018 |
| 40049 | Steering - Check steering column found bolt in top of dampener broken removed dampener drilled out piece of broken bolt - Refitted with new bolt - tested ok at time of test also replaced broken grease fitting in front axle pin | 11/19/2018 |
| 26809 | Grader 500hr service | 01/26/2018 |
| 40196 | Fire suppression system service - Graders 6 monthly | 12/03/2018 |
| 40204 | Fire supp service- Perform 6 month fire suppression service | 12/04/2018 |
| 40242 | Look for parts - replaced cutting edge - Unit operational | 12/10/2018 |
| 40302 | Engine shut down - Prime fuel - ran and checked need to blow out fuel lines - filters -have been replaced in the last week | 12/08/2018 |
| 40345 | Repair rad filler - RH tandem issues | 12/12/2018 |
| 40408 | Checked final drive unusual sound - Open tandem covers and checked sprockets & chains / oil levels - Refilled RHS tandem oil- to low - Test run machine and located clanking / banging noise - coming from A frame | 12/13/2018 |
| 40467 | Stopped on go line out of fuel - fill fuel prime system | 12/14/2018 |
| 40473 | Connect battery terminals - bleed fuel- top up trans oil refit battery covers test machine | 12/15/2018 |
| 40486 | repair steering column support - Re-weld broken tabs - Steering column support tabs broken off | 12/13/2018 |
| 26701 | Pos 4 Tyre u/s - stripped pos 4 off rim, fit R/O tyre & inflated to 60 psi, rim not removed so torque not needed, prestart. | 01/12/2018 |
| 40557 | Fix engine wont start | 12/17/2018 |
| 40623 | Check for exh fumes entering cab on side door loose adjusted striker - Tested ok at time of test | 12/07/2018 |
| 26618 | Fitted 2 tyres due side wall blow out & puncture | 01/12/2018 |
| 41052 | Missing strip wear - Removed strip wear from oil grader and install to 804 - clean grease line and fire ext - troubleshoot engine wont start | 01/01/2019 |
| 41150 | Wash radiator | 12/27/2018 |
| 41186 | Steering column adjuster broken - Checked for no adjustment removed panels on steering column found mount for strut pulled through steering column welded steering column - refitted strut - tested ok at time of test - refitted all other parts removed | 11/08/2018 |
| 41221 | Replace cutting edge - Remove worn out cutting edge - clean cutting edge and torque bolts - return to go line | 11/10/2018 |
| 41530 | Caterpillar Grader 16H 500hr service | 02/17/2019 |

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| 41772 | Remove and replaced sway rod, tie rod end on RH steer cyl- parts unavailable - quality second hand off 461 used | 01/19/2019 |
| 41773 | Grease lines and fittings- Extracted broken grease fittings from housing in FRHS steering tilt assy - Remove broken fitting from hose - Get parts from W/S go to grader and fit parts and hose | 01/19/2019 |
| 42149 | Park brake fault- Got small bolt and went to tiphead, pulled grader up and fitted bolt to yellow park brake release button checked operation all good handed back to production | 02/01/2019 |
| 23983 | AC blower fan stopped - Found blower fan fuse blown - replace still now power to fan, trace wiring - remove seat roof & foud wire 124 pulled ot of plug, replace all ok. Tidy wiring | 10/07/2017 |
| 42180 | Ignition fault - Attend check e-stops found loose connector at cab e-stop relay - connected test ok | 02/02/2019 |
| 23889 | Install cap cover, dash board cover & seat assembly - install all components test machine and AC | 10/07/2017 |
| 22062 | Assemble and install grease system. | 08/18/2017 |
| 42313 | Black smoke - Checked for black smoke while operator was operating grader checked fuel system, went to blow out air filter but had no air hose, come back to WS and got air line went back and ran compressor (ran out of fuel so went to WS again) filled up compressor went back and blow out air filters - handed back to production | 02/07/2019 |
| 42569 | Tail light fault - Went to grader on tiphead, checked fuses found blown fuse for taillights, replaced fuse and checked operation all good handed back to production | 02/08/2019 |
| 42616 | Checked t/lights replaced globe and blown fuses - OK at time of test | 02/11/2019 |
| 42618 | Checked oil leak ok to use needs to be repaired | 02/11/2019 |
| 22010 | Pin coming out. Pin on LHS stub axle walking out (wheel tilt) clean up and knock pin back in, clean threads and fit retainers. | 08/20/2017 |
| 42863 | Final drive leaking RHS and LHS rebuild - Remove final drive and clean and inspect on both sides remove tandems and wheels x4 - drain oils - Broken thrust seals and lip seal worn out thrust packs | 02/28/2019 |
| 20635 | Blade issuesBlade stuck all the way to the right - got blade moving Removed blade slides & cleaned out Tested operations | 08/01/2017 |
| 42913 | Inspect grader - Replaced blade slides - Checked tyre pressures and inflate to 60 psi - tension up AC belt - Front trunion ball worn - Lift cyl to be shimmed up trans oil leak | 03/04/2019 |
| 20460 | Commissioning Pump tyres to correct psiManually grease components Check tandem oil levelsCarried out blade testMounted unit no.s to front of unitCheck all oils & fluids | 07/31/2017 |
| 43007 | Axles leaking - Pivots worn out - Reassembled x2 axles and seals - Install and shim out thrust washers - install o-rings and tension up pivot - install tandem and tension bolts x2- RHS axle housing is worn on axle to diff | 03/02/2019 |
| 34612 | Replaced cutting edge, inspect back up alarm, fix light not working, clean area - Unit operational | 07/21/2018 |
| 43397 | Removed rubber boot from seat - old seat damperrefitted new one connected cable refitted boot tested | 03/07/2019 |

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| 43414 | Faulty elec - Trouble shoot elec - faulty replaced breaker - jump start - Cleaned battery terminal | 03/10/2019 |
| 34290 | Park brake won't release - drained air and check test ran ok | 07/13/2018 |
| 43589 | Oil leaks - Search where leaks come from - found oil leaks on starter motor mount face seal - leak is minimal | 03/08/2019 |
| 43693 | Engine wont start - Checked engine starter relay | 03/10/2019 |
| 43696 | Elec - All circuit breaker tripping over loom couldn't find why was tripping changed alt and fault still there handed over - Found faulty E-stop - replaced control | 03/09/2019 |
| 35287 | Caterpillar Grader 16H 500hr service | 11/03/2018 |
| 43730 | Not starting - investigated re-set circuit breaker - Disconnected battery terminal and removed faulty master switch - elec issue | 03/09/2019 |
| 43732 | Elec issue - alternator always trips - Carried out line to line test on the wires that has supply when the key switch is on - replaced beacon light - Short to ground beacon light | 03/10/2019 |
| 43728 | AC inop - Checked and cleaned and rectify air flow issue | 03/10/2019 |
| 44087 | No rear lights - park light N.W RHS - Replaced globes | 03/14/2019 |
| 44136 | Air filter blocked - Blew out | 03/16/2019 |
| 44167 | Fit up AC compressor, belt, battery isolators and panels - Replace blower motor and thermostat - Replace LH / Door latch - Gas up AC - Condenser needs a wash - Fix oil leaks at the back of transmission - Prestart machine - AC N.W Oil leaks | 03/28/2019 |
| 44174 | AC repairs - As per H/O- removed compressor - accumulator hose, cut off damaged fitting crimp new flush hose, spiral guard and refit, secure hose, secure wiring, refit to machine AC compressor, replaced O-rings, vac down AC system, wont hold charge with nitrogen held pressure - ac gauges U.S - Borrow Mitches gauges vac down charge up compressor wouldn't engage with 24 v supply remove LH battery side cover, AC compressor change brackets over to new compressor pack up and hand over | 03/28/2019 |
| 35435 | Trouble shoot fuel system engine sudden shutdown while operating - Checked fuel filters- Primed fuel system to release air in fuel system- Checked shut off solenoid - Re-tightened loose wire (supply)- Test ran machine | 08/14/2018 |
| 35466 | Change fuel filter & prime change outer & inner air filter | 08/13/2018 |
| 38595 | Install revers forward & throttle cables, Install E-stop wiring - re-shim artic pin (bottom) refill hyd oil, install guards & covers - continue repairs | 10/04/2018 |
| 44828 | Loose bolt @ steering tilt rod end LHS - Tighten the bolt | 04/04/2019 |
| 44856 | Broken bolt of lever stopper - Removed broken bolt search for another bolt for replacement - install back and bolt | 04/06/2019 |
| 44898 | Caterpillar Grader 16H 500hr service | 05/03/2019 |
| 44963 | Engine derate - Replaced fuel filter - Tighten fan belt | 04/10/2019 |
| 45140 | Cut out while driving - Started ok when inspected test drove no fault found inspections not finished needs further diagnosis | 04/14/2019 |

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| 39001 | Refit fuel tank breather box | 10/11/2018 |
| 39644 | Replaced alternator belt & pulley & adjusted belt | 11/04/2018 |
| 39907 | Replace 2 bottom wiper blade, and fixed busted light - Unit operational | 11/27/2018 |
| 45306 | Engine losing power - Check / inspect fuel line found out machine leaks - fix leaks and clean up fuel strainer and fuel line - Test machine with load machine is running good and inspect machine - inspect fluid levels and found out engine oil at low level - topped up engine oil | 04/21/2019 |
| 45373 | Grader shut down - Inspected and found alt belts loose tightened up and tested ok sent to work | 04/18/2019 |
| 45379 | Grader shut down - Found to have air lock in fuel system bleed air lock and started sent back to work to monitor | 04/19/2019 |
| 40537 | Low power and stalling - Bring machine to WS - troubleshoot fuel system found a leaking crimp on a suction line replace found blockage in pick up hose from fuel tank run up wash | 12/18/2018 |
| 42175 | Cutting out, checked for cutting out no fault found on inspection | 02/02/2019 |
| 42271 | Troubleshoot air leakage on brake system replaced air valve relay replaced air pressure switch, tightened all hoses installed hose clamp(loose) performed stall test ok - test ran machine ok - Leak on tail shaft cyl- Blade leak on transmisson | 02/04/2019 |
| 45512 | Loose steering arm bolt - Tightened loose steering bolt | 04/24/2019 |
| 45513 | Loosen steering arm bolt - Tightened loose steering bolt | 04/24/2019 |
| 42883 | Caterpillar Grader 16H 1000hr service | 03/26/2019 |
| 45940 | Replaced steering cyl rod RH - Removed steering cyl rod from axle GP front of 815 that have been replaced - removed and replaced RH side steering cyl rod of 804 - top up engine oil - fixed grease on RH side | 05/08/2019 |
| 45959 | Check for stalling out - Checked for stalling out bleed up fuel system no start replaced fuel filter and bleed fuel system started and ran retest still stalling when loaded needs further repairs (old filters were cut open and no contaminants found | 05/02/2019 |
| 46294 | Operator seat issue - Check/inspect seat, found out broken and backward lever adjuster - Adjusted seat manually - Broken forward and backward lever seat adjuster | 05/09/2019 |
| 46572 | RH Rear Tyre issuechecked RH Rear tyre opened Tandem Chain Cover Test and runRH Tandem Pivot Striking Completed Take 5 | 05/25/2019 |
| 46655 | desc- check loose bolts LH front- steering stabilizer bolt- also check knocking noise on take offcomments- tightened loose bolts on front stabilizer bar- also checked for knocking noise when taking off, found front A frame ball worn, needs repairs soon- ok to use | 05/24/2019 |
| 43280 | A/C not blowing properly Removed & blew out all a/c filterstested fine | 03/06/2019 |
| 46817 | desc- trans oil leakcomment- wash the leaking area on trans- inspect oil levelfault- leaking trans rear cover | 05/20/2019 |
| 46818 | desc- replace blade slidescomment- removed blade slide stop plates- fitted all new blade slides and new platesfault- wear plates u/s- blade slides need shimming none in stock | 05/20/2019 |

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| 46913 | desc- loose engine oil filtercomment- ordered parts availability- robbed filler cap form 815 to install in 804 | 06/03/2019 |
| 35398 | Replace Blade cutting edge due to being worn out | 08/12/2018 |
| 35461 | Fixed/start up machine going back to W/S, bleed fuel lines and start up machine, machine moved to dead line- Need further inspection on fuel system issue | 08/16/2018 |
| 35544 | Separate main frame to S pin, drained oils, trans, removed hoses & lines injector pump grease lines heater tap lines, removed drive shaft bolts rear end & guards/removed hitch lined and cover bolts - Removed throttle cable lines and hoses | 08/18/2018 |
| 48438 | Seat wont go back RHR work light n.w - Check seat handle for adjuster missing lever adjusted to move seat in position for operator - Needs further repairs -RHR work light globe blown - Replaced globe - retested ok | 05/29/2019 |
| 48485 | Engine low rev issue - Checked and inspected test machine found out fuel delivery issue - Clean up primary strainer and fuel line supply - Fuel delivery issue | 05/16/2019 |
| 48486 | Repair steering column- Repair the flat on steering column - fitted to the machine - Checked over the machine | 06/23/2019 |
| 48487 | Cam shaft inspection - Remove valve cover - checked cam shaft nothing to see - position to TDC 1 compression stroke - mark valve that needs to be checked first try to crack rocker arm bolts to install push rod - Removed pre cleaner - crack bolts of air filter housing | 06/28/2019 |
| 48488 | Mech repairs - Tune up engine - pull out rocker arm asy - pull out push rods - pull out valve lifter - broken valve lifter on cyl # 4 | 06/29/2019 |
| 48489 | Coolant leak - Coolant temp light come on operator pulled grader up, found coolant leaking from rear of grader - removed panel from RHS rear of grader- coolant was leaking onto fan and spraying everywhere - making it hard to pin point leak- called service truck down to top up and see where leak was coming from found faulty radiator cap and filler come back to WS and get new cap went back and fitted new cap and straightened up filters - Rand machine and checked for leaks all good - handed back to production | 05/18/2019 |
| 38671 | Replace wear, all wear - strip of circle drive, and blade, re-shim check all electrical, fix leak - Continue | 10/05/2018 |
| 39073 | Fixed beacon light prestart machine, top up hyd oil 16 lts - Top up eng oil 2 lts, fixed harness and wiring - Machine operational, send to go line | 10/05/2018 |
| 41029 | Some lights N/W = Replaced 3 work lights globes - replaced both tail lights globes | 12/30/2018 |
| 42246 | Brake faulty - air line loose good to go | 01/09/2019 |
| 43469 | Belt squeal - Tightened belts a bit - Checked play in fan bearings, drive pulley polished | 03/05/2019 |
| 39889 | Caterpillar Grader 16H 2000hr service | 01/04/2019 |
| 40154 | Park brake - refitted park brake switch correctly adjust console | 11/29/2018 |
| 42852 | Repairs - Installed chains and links and pins- Installed tyres - Tension up nut for axle and chain gear bearings x2- Installed axles shafts and plates- Fill with oil in tandems- Checked for leaks | 03/03/2019 |
| 42990 | Repair tandem frame crack - Gouge cracks - Grind and weld | 03/01/2019 |

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| 43854 | Bad smell coming from AC - Inspect all ac components no smell evident sent back to work and monitor | 03/13/2019 |
| 49673 | Tyres- Pos 4 to pos 1 - pos 6 to pos 2 , pos 3 ,4,5,6 - new tyres fitted with new orings - Torqued all pos to 1100 LBFT - pos 3-5 changed rim on - no torque needed retorque tag fitted | 09/22/2019 |
| 49674 | Manually grease all nipples - topped up engine oil and hyd oil | 09/29/2019 |
| 49675 | Air leak - Removed trans console find air leak - tighten valve switch - adjusted air governor - fixed the lighting system n.w - pre start top up trans oil | 09/29/2019 |
| 51480 | Fire suppression system service - Graders 12 monthly | 11/22/2019 |
| 44343 | Machine repair after service - Washed AC condenser its clogged - wash transmission side and check the leaks - replaced ripper tips | 03/29/2019 |
| 44722 | AC N.W - Run AC belt slipping and is tight - wash machine - remove low side valve cap, guts of cap stuck in fitting recover AC gas - remove stuck in fitting - recover AC gas - remove stuck fitting attempt to fit new fitting damaged seal ports - Hand over | 03/27/2019 |
| 51568 | Retorque pos 1,2,4,6 - done | 09/30/2019 |
| 47147 | desc- overheat engine issuecomment- inspect machine and found out coolant is not visible from radiator- top up coolant- test machine and monitor engine temperature- machine is on operation mode default- low coolant | 06/21/2019 |
| 48496 | Unusual sound on tandem drives - Inspect sound on tandem drive - Sent back 2 work as per supervisor advise | 07/31/2019 |
| 44446 | No tail lights - checked globes repaired wiring in tail lights replaced globes | 04/01/2019 |
| 48490 | Engine overheat and low power - engine blowing white smoke - Wash the radiator and trans cooler - replaced fuel and air filters - Inspected turbo charger intake | 06/26/2019 |
| 45239 | No working light - Switch on power to check if what light is missing light on right top corner, check if bulb working replace bulb and test ok, (WORKING) | 04/15/2019 |
| 48491 | Failed lifter - removed engine, strip timing case, changed crank shaft refit timing case changed crank shaft - refit timing case refit reman compressor - carry out valve set reseal exhaust manifold | 07/14/2019 |
| 45243 | Door latch problem - Lubricated door latch | 04/15/2019 |
| 48492 | LHS door handle wont open by outside handle - Replaced worn linkage replaced worn striker and adjusted - adjusted connecting rod - lubricated latch | 07/31/2019 |
| 45264 | High temp coolant - Pressure wash radiator fins, remove cooler and pressure clean radiator area | 04/16/2019 |
| 48497 | Lean on steering pin cap issue - Installed cap in pin tighten bolt | 05/15/2019 |
| 45423 | Seat issue - Repaired seat shock absorber | 04/22/2019 |
| 48498 | Engine failed lifter - Reseal fly wheel, bearing roll main and big ends - refit engine and reconnect - reseal trans main relief while tank off - replaced trans cooler hose | 07/31/2019 |
| 45426 | Engine stalling - Checked and bled fuel system - replaced filter base bleeder - bled fuel system | 04/21/2019 |

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| 48493 | Engine shutdown - Machine just stalled on operator bled up fuel system and cranked engine air started machine and got operator to test the machine all good and handed back to production | 05/16/2019 |
| 45439 | Grader surging - Replaced fuel filter test ok | 04/20/2019 |
| 48495 | Resemble around engine - Help fit lines covers, fire supp diag - repair fuel leak | 07/29/2019 |
| 45552 | No steering - broken RHS steering cylinder - bring to WS and get old cylinder off 815 old front end - cap off 804 hyd lines try to remove cylinder(cylinder to be replaced) | 04/28/2019 |
| 48499 | Engine smoke @ eng bay - Found issue broken cover broken fuel line problem - Look lije on injector broken further evaluation is needed | 08/01/2019 |
| 46723 | desc- leak in filter housingcomment- wash area- remove filter housing- clean parts- fit new orings- replace filter housing- replace filter - try to stop leak in transmission rear plate | 05/20/2019 |
| 51590 | Replaced steering column adjuster - removed and replaced steering column adjuster cylinder | 10/30/2019 |
| 51591 | Steering column wont adjust - pull out steering column cylinder and adjust | 10/30/2019 |
| 51592 | Fuel leaks - Tension loose injector fittings | 11/01/2019 |
| 51593 | Broken grease line - Removed broken grease line, will make a new one and fit | 11/03/2019 |
| 51594 | Refit grease line - Made grease line and fitted, from injector back to LHS steer king pin | 11/04/2019 |
| 51595 | Blowing black smoke - Found air filters blocked and replaced - air filter restriction | 11/08/2019 |
| 51596 | Oil leaks @ trans housing - Checked oil leaks @ track and torque converter hosing - minor leaks | 11/11/2019 |
| 51597 | Light @ Rear LHS flickering on and off - checked wrong for power supply - replaced H3 light bulb | 11/13/2019 |
| 51571 | Fan belts noisy - tighten fan belts | 10/04/2019 |
| 51572 | Brake air low pressure light on - Checked air pressure - test ran and checked air system for leaks | 10/04/2019 |
| 52081 | Engine over heat - washed radiator @ WS | 11/21/2019 |
| 52082 | Fire suppression leak - Checked for leaks - replaced burn tube checked for leaks - flushed system replaced caps - filled with water and foam and charged replaced discharge tube clamps RHS removed muffler and repaired crack refitted | 11/28/2019 |
| 52083 | Diff lock problem - Checked wiring look for parts (no parts) wiring ok have dome ground look for regal switch make some wires - installed regel switch test ok - test drive machine | 11/28/2019 |
| 52084 | re-plumb grease line - Done | 11/29/2019 |
| 52085 | Fire supp leak - Checked system for leaks - discharged tank - removed trigger line checked individually in bucket of water found line from burn tube to cab actuator leaking replaced line fitted clamps to fire wall away from muffler charged system rechecked for leaks | 11/30/2019 |
| 52172 | Diff lock issues (always engaged) - Checked and inspected diff lock connection, found out condemn diff lock switch - check and inspected diff lock solenoid found out its ok | 11/27/2019 |
| 52173 | Steering knuckle fell out - pulled off LH steering knuckle off, replaced with new ones | 12/04/2019 |

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| 52779 | Caterpillar Grader 16H 4000hr service | 01/29/2020 |
| 54224 | Check over - Cutting edge - blade life cylinder mounts okay | 12/16/2019 |
| 54225 | Steering tilt bolt @ LHS loose - Tightened the bolt @ LHS steering tilt | 01/04/2020 |
| 54226 | Fire suppression went off - Reset discharge valve - refilled tank - leak test - replaced leaking hose between ground actuator and pressure switches and regassed - Refit discharge line | 12/21/2019 |
| 54228 | Pin - Went to go line and smashed the pin back in and welded into placed on the blade tilt ram | 01/14/2020 |
| 51573 | Park brake issue - Operator seat wont move forward of back ward gets stuck up - Troubleshoot park brake wont release, found out chamber leaks - removed park brake chamber - disassemble chamber and assemble - installed park brake chamber and test - checked all fluid levels and inspect machine | 10/04/2019 |
| 51569 | Diff lock stuck on - Test drive machine and found solenoid missing fitted new solenoid and valve repaired wiring to solenoid on diff and test - capped diff lock line and test found diff lock disengaged started testing wiring back to cab | 09/30/2019 |
| 51574 | Air brake low pressure alarm issue - Minimal leak of coolant in the compressor cooling line, troubleshoot air brake pressure system found out faulty switch pressure (stoplight) and faulty switch pressure (air brake) Condemn one switch pressure for temp while waiting - new ordered parts - drained air tank and bleed air system - adjusted air pressure governor control to 140 psi to allow air in the system - checked all fluid levels | 10/05/2019 |
| 47162 | desc- no pin lock in front framecomment- aligned hole and put bolt lock pin | 06/22/2019 |
| 51570 | Rear work lights n.w - Checked fuse and replaced blown - replaced rear left globe | 10/01/2019 |
| 51575 | Fire suppression discharge - replaced burn tube, discharge line clamps LHS engine bay, flushed discharge line and tank - repaired leaks in discharge line flushed, greased spray caps - test refit caps filled tank charged and checked for leaks checked actuators replaced gauges on actuators - fit tamper tags | 10/06/2019 |
| 51576 | Seat issue - Circle drive control fault - Checked seat, mechanism - circle drive plumbed up incorrectly - | 10/09/2019 |
| 54240 | Low charging fault - tighten alternator belt (wait for parts) repaired room for LH light - topped up engine oil | 01/14/2020 |
| 54245 | Broken blade slides bolts and and repaired and removed hose support and straightened refitted - replaced blade slide cap inspected for further damage | 01/14/2020 |
| 54492 | AC-Checked operation low on gas sucked gas out - put nitrogen in checked for leaks found oring at condenser replaced oring - vaced system down - held pressure, put gas in and checked operation - Replaced 6 pipe for compressor | 01/15/2020 |
| 51577 | Low fire supp pressure - Cap discharge line @ bottle - release pressure - changed 3 x gauges - Pressure burn tube line found leak @ JOINER - Repaired - connect system pressurize all ok - Reconnected discharge line -washed radiator out while @ WS - Park at WS | 10/09/2019 |

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| 54810 | Damaged SideMissing Slider Plate Wear StripReplaced side shift cylinderreplaced slider platefabricate plate for the gap wear | 01/08/2020 |
| 55136 | No reverse buzzer and no reverse lights - Checked reverse buzzer and checked wiring ok - pulled apart console looking for reverse switch trace wires to switch in transmission test switch faulty removed switch replaced with new switch rewire plugs sent to work | 01/16/2020 |
| 55137 | Missing retainer washer on steering - missing retainer washer on lean over pin - get new washer and bolt | 01/20/2020 |
| 47120 | desc- fire suppression faultcomment- topped up nitrogen- need to check for leaks- removed steering panel for repairs- found some bushes and bolts to repair | 06/22/2019 |
| 51578 | Reverse control on circle drive motor - Swapped over circle drive hoses | 10/10/2019 |
| 51579 | Radio UHF mouth piece sticky - replaced UHF mouthpiece | 10/11/2019 |
| 51580 | Seat issue - Checked seat and slide forward handle missing - steering column does not lock - parts as info tags is ordered | 10/12/2019 |
| 58743 | Caterpillar Grader 16H 1000hr service | 06/18/2020 |
| 51581 | Bottom blade slide strips missing - Replaced 2 x bottom wear strips | 10/17/2019 |
| 51582 | Door wont open - adjusted door latch | 10/17/2019 |
| 51583 | Losing power blowing smoke '- Found air filters blocked - replaced | 10/18/2019 |
| 51584 | Head light RHS n.w - Replaced | 10/18/2019 |
| 51585 | Worn wear strips and keepers- Pull out keepers and inspected wear stripes - replaced wear stripes - replaced keeper plates | 10/20/2019 |
| 51586 | Belts squealing - tightened | 10/21/2019 |
| 51587 | Coolant / diesel leak - parts ordered for coolant leak - loose steel line on fuel fail | 10/23/2019 |
| 51588 | Air leak - Line rubbed under seat - replaced all good | 10/28/2019 |
| 51589 | Door handle and steering - fitted bolts to steering column and panels - replaced LH door latch | 10/30/2019 |
| 49672 | Strip and fit tyres - New tyres fitted to crack test rim and put on pos 2 to move grader U.S tyre stripped off rim and cleaned new tyre and fitted loose | 09/18/2019 |
| 52079 | Coolant leak - Washed the machine - checked the coolant leak - leaking on air compressor coolant line fitting - drained coolant - extracted broken fitting - replaced new fittings - fit the hose and refill coolant - topped up engine oil | 11/21/2019 |
| 52078 | RH blade slides missing - Removed RH retainers - cleaned and fitted new blade slides RHS - repaired and fitted old retainers | 11/19/2019 |
| 58807 | Machine repairs | 03/06/2020 |
| 58809 | Loose steering bolts | 03/08/2020 |
| 58810 | Fire suppression system low | 04/08/2020 |
| 58812 | Belts squealing, Blowing smoke | 04/09/2020 |
| 58813 | Replace LHS steering bolt | 03/09/2020 |
| 58814 | Rear lights not working | 03/28/2020 |

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| 58815 | Machine ran out of fuel | 04/03/2020 |
| 58816 | Re-gas A/C | 02/01/2020 |
| 58817 | Fire suppression leak, Blade slide keeper plates, Seat back rest fault | 01/09/2020 |
| 54233 | Tightened steering rod bolt - Tightened LHS steering link rod bolt checked RHS ok - handed back to prod | 12/12/2019 |
| 54234 | Blade / cutting edge issue - Inspected cutting edge if how bad it is found out its broken on middle portion of cutting edge and fritted of blade drop area - blade cutting edge need replacement | 12/12/2019 |
| 54235 | Plugged air filters - removed and replaced air filter | 12/13/2019 |
| 54236 | Grease line fallen off - Refit grease line along boom - rear Lights N.W changed out globe - LHR work lights torn wires and shorted out replaced light from 810 reverse light now on 804 rear work light wires up and changed fuse | 12/12/2019 |
| 54237 | Diff lock wont release wont disengage - Troubleshoot diff lock system found out elec faulty no voltage on solenoid diff lock - traced wiring connection of diff lock found out not correct set up on diff lock switch line - fixed diff lock connections and test machine - its working well | 12/17/2019 |
| 54238 | Bolt missing @ steering column - Installed bolt | 12/17/2019 |
| 54239 | Oil leaks - Steering and control level strut fell off - wont hold control lever - inspect leaks where come from found out leak on RHS final drive - removed out broken bolt on strut - replaced bolt found out strut getting stuck - set up strut and installed cover | 12/18/2019 |
| 54741 | Machine ran out of fuelreplaced fuel filter, Old one dirtyprime the fuel and started machine | 01/13/2020 |
| 55374 | Loose Bolt In Steering LinkTighten Bolt | 01/22/2020 |
| 55690 | Fire Suppression System Service - Grader 12 Monthly | 02/14/2020 |
| 55869 | Caterpillar Grader 16H 500hr service | 04/15/2020 |
| 58796 | Loose steering column | 03/10/2020 |
| 58797 | Oil leak | 05/01/2020 |
| 58798 | Over heating | 05/02/2020 |
| 58799 | Coolant temp high | 05/01/2020 |
| 58833 | Slide wear plate | 04/22/2020 |
| 58834 | Engine overheat | 04/25/2020 |
| 58835 | Circle drive no drive | 04/29/2020 |
| 58836 | Flashing light inop, Hi beam lights dull | 05/05/2020 |
| 58837 | Blade circle drive not turning | 03/18/2020 |
| 58838 | Won't start | 02/04/2020 |
| 61054 | Checked for leak on fire supp system | 05/21/2020 |
| 61055 | Removed and replaced broken bolt in steering pin | 05/21/2020 |

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| 61057 | Bleed fuel system | 05/09/2020 |
| 61059 | Missing track slide | 05/07/2020 |
| 61060 | Sticky UHF hand piece | 05/11/2020 |
| 61061 | Bolts loose @ LHS steering arm | 05/29/2020 |
| 61640 | repaired Circle drive | 01/22/2020 |
| 61642 | Found wear marks on RH trunnion - Removed RH wheels and tandem - Removed Finals and strip | 02/13/2020 |
| 61787 | lights n.w - Front RH light - Installed new wiring and pins | 03/22/2022 |
| 61962 | Checked lights - Replaced globes in LH high and low beams and LHR work lights - replaced globes in tail lights | 06/10/2020 |
| 58800 | Ran out of fuel | 05/03/2020 |
| 62148 | Heater core replacement - Fit heater core - Reseal floor - Fit seat - Test ran heater - All ok | 07/05/2020 |
| 58801 | LHR work light wiring pulled from plug | 05/03/2020 |
| 58802 | Coolant temp hi and battery light on | 04/30/2020 |
| 62846 | Park brake alarm - Checked and troubleshoot elec issues fix the elec harness | 06/30/2020 |
| 58803 | Blade shift cylinder doesn't work | 04/14/2020 |
| 63026 | Brake lights not working Fit new park stop lights ordered last swing - repaired wiring at tail light and fit new plugs Inspected and found brake light pressure switch fitted to grader was for a 785 park brake and air pressure was not switching the switch in wrecked grader out the back fitted all ok - Ordered new switch | 07/08/2020 |
| 58804 | Fire suppression alarm | 03/07/2020 |
| 58805 | Fire suppression hose bubbled at cabin side | 03/29/2020 |
| 58808 | Install knob and blade strip and stopper | 03/07/2020 |
| 58806 | Diff lock staying on | 03/11/2020 |
| 55478 | steering BoltTighten steering link bolt on LHS cylinder | 01/08/2020 |
| 58818 | LHS steering bolt | 01/09/2020 |
| 63951 | Fire suppression issue- Discharge system - Removed and replaced pressure sensors (second hand) Rewired sensors and regassed | 07/30/2020 |
| 58819 | Black soot at exhaust | 01/09/2020 |
| 58820 | Fire suppression discharge | 02/25/2020 |
| 64438 | Steering not working no left or right, capped of steering ram and had steering disassembled left steering ram and found piston had come off rod and reassembled and tensioned ram and test all ok | 08/11/2020 |
| 64488 | Tyre check - Inspected pos 1 wire showing in the tyre ok to use - Found over stroke when turning right, rim hitting steering link, adjusted steering test ok | 08/04/2020 |
| 64638 | Caterpillar Grader 16H 500hr service (1500) | 08/24/2020 |

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| 58821 | Fire suppression alarm and low pressure | 01/10/2020 |
| 58822 | Steering bolt loose LHS | 01/12/2020 |
| 65098 | Fire suppression system service - Dump Trucks 6 Monthly | 09/18/2020 |
| 65240 | Reseal trans control valve - Replaced hose of window washer, checked list - repaired light and replaced bulb | 08/27/2020 |
| 65242 | Top head lights inop- Test and found lights inop - replaced with LED | 08/17/2020 |
| 65622 | prestart 19/09/2020 - Check all oil levels (Levels ok), check all lighting working, check horn, A/C working, drive to go-line. | 09/18/2020 |
| 66150 | articulation fault Hyd fault - Removed spool for articulation in RHS control valve cleaned and inspected - ran up machine - sent out to test 28/9/2020Checked artic function checked line relief valve for artic found had large groove swapped with circle side shift test drive machine | 10/01/2020 |
| 66169 | Caterpillar Grader 16H 250 hr service (1750 HR) | 11/08/2020 |
| 58823 | Battery light on | 02/04/2020 |
| 66596 | Accidental discharge of system - Checked burn tube for leaks and damage moved machine to WS - removed blocked sprays and cleaned - flushed discharge hose and burn tube charged tank with water and nitrogen - test all worked - Charged system with water and foam - checked head for leak replaced charge valve - charged with nitrogen replaced charge valve cap checked over system for leaks fitted discharge line | 10/11/2020 |
| 58824 | Diff lock staying on, Steering column not locking, Window cracked | 02/03/2020 |
| 67432 | Installed front wheel tilt bracket bar - Fab new washer and secured bolts - Topped up engine oil and trans oil - Installed 10 pc grease injector nipple | 10/30/2020 |
| 67433 | Tilt pin and bar come apart for wheel tilt - Put a bolt in tilt stopper hole to prevent bar from coming out - go to WS and find big bolt to put in - get grader to WS | 10/31/2020 |
| 58825 | Remove and fit outside actuator cover | 03/01/2020 |
| 67538 | Caterpillar Grader 16H 2000hr service | 12/06/2020 |
| 67773 | Repaired blade lift cylinder trunnion ball- Un bolt ball from cyl grind surfaces flush, tack ball on and preheat and weld - refit lift cylinder | 11/16/2020 |
| 67774 | Charging at 24 v start then went to WS removed alt from 531 and went back to CF and fir | 11/15/2020 |
| 67775 | Found broken lug on batt and batt terminal broken - replaced all ok - jump start all ok | 11/16/2020 |
| 67776 | 16/11/2020Fuel quick fill broken bolt bracket - Fixed and put and secure quick fill fuel line hose on machine - test ran and sent machine back to work 17/11/2020Stuck up broken bolt on bracket holder - Removed excessive dirt on quick fill hose - secured fuel line and bracket - Drilled a new hole for bracket and fixed broken bolt issue 18/11/2020Prep for diesel spillage - recleaned quick fill but still leaking due to excessive clay inside spring - removed an replaced with new quick fill - refuel machine | 11/16/2020 |

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| 67834 | Conduct leak test with soapy water but can not find location of leaks - Replaced all activation hoses with new - Disassembled discharge valve, cleaned and resealed- refilled tank with water and foam solution and recharged system - conduct leak test with soapy water - replaced on section of distribution hose which was damaged | 11/07/2020 |
| 67835 | Black smoke and AC issue - Replaced eng air filter and AC cab filter - checked AC fuse | 11/21/2020 |
| 67855 | Torque track group | 11/23/2020 |
| 68210 | Steering column getting warm - Removed cover, checked wiring and hoses - Clean old oil reserdue- Test ran - put back together | 11/30/2020 |
| 68211 | Oil leak - ran machine found leak coming from hose, crimp trans il pump?, Removed engine bay doo, removed both hoses, make new hoses and replaced orings, ran machine all ok top up trans oil | 11/30/2020 |
| 58826 | Engine won't start | 02/04/2020 |
| 68653 | Caterpillar Grader 16H 250 hr service (2250) | 11/17/2021 |
| 58827 | Low A/C cooling | 01/25/2020 |
| 58828 | Low power | 01/24/2020 |
| 58829 | Fire suppression | 01/09/2020 |
| 58830 | Steering column bolt broken | 04/18/2020 |
| 69277 | Oil leaks - Air leak - Checked for oil leak found air dryer itself block up / Need to reseal - Air leak found broken and damaged rubber hose intake at RHS turbo charger - removed parts on machine - Replaced air filter LHS - reseal dryer and order and replaced rubber hose on turbo RHS once parts aval | 01/14/2021 |
| 69800 | Engine removed and removed body panels - Removed all covers and removed fire supp hoses off roof panel - Capped and removed fire suppression bottle hoses | 01/31/2021 |
| 70100 | Remove tire Pos. 1 Installed jack stand and removed pos 1 and sent to snapper | 02/09/2021 |
| 58831 | Ran out of fuel | 04/17/2020 |
| 71065 | Trans removal | 03/01/2021 |
| 72294 | Remove circle drive to send to snapper Removed circle drive and fitted to 815 | 04/04/2021 |
| 72470 | Removed circle drive and fit to 815 Assemble circle drive box | 04/04/2021 |
| 72673 | Tronox 3 Yearly Machine Inspection (Sign Off) (MG) | 09/30/2017 |
| 73842 | Fire Suppression System Service - Grader 6 Monthly | 08/25/2021 |
| 58832 | Replace front stabilizer bush LHS | 04/15/2020 |
| 75915 | Engine replacement (MG) Start to clean up trans and find orings to fit trans to engine - found top and center orings need to find diff oring | 07/29/2021 |
| 76863 | engine transmission install | 08/12/2021 |
| 62017 | Caterpillar Grader 16H 1000hr service | 06/18/2020 |
| 62324 | Replaced steering lock mechanism - Repaired tail lights and side lights - Fitted heater taps and heater core - Bring machine to production go line | 06/20/2020 |

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| 63032 | Worn ripper boots- Removed worn ripper tips - replaced ripper tips - pins and retainers | 07/08/2020 |
| 63165 | Brass in circle drive. | 07/08/2020 |
| 78175 | snapped lift cylinder cap bolts | 11/02/2021 |
| 63697 | King pin bolt loose - Removed bolt, inspect and clean ok - installed and tighten bolt | 07/19/2020 |
| 79374 | Fit circle drive motor Assemble circle drive box, clean parts and fit bushes, Fit duo seals and assemble drive shaft and drive gear had to redrill bottom cover bolt holes and retap | 10/06/2021 |
| 79487 | Wont start.Engine stopped - Machine had ran out of fuel - Faulty batteries - Replaced LHS battery with new - replaced RHS battery with second hand | 10/16/2021 |
| 79507 | Lights not working. - Replaced globe | 10/15/2021 |
| 79508 | Blowing black smoke. Start and ran motor to warm up - No excess smoke under load | 10/15/2021 |
| 64065 | Front wheel tilt repair number sign bracket rear - Fab front wheel tilt - washer, welding number sign bracket in the back side | 07/25/2020 |
| 79651 | A/C not cold. - No gas in system - no leaks - regassed | 10/17/2021 |
| 79775 | Replace cutting edges. | 10/23/2021 |
| 79783 | AIR LEAK.Replaced blown air hose on machine | 10/24/2021 |
| 79861 | Wont start .- Prime and start | 10/26/2021 |
| 62238 | Continue replacing wear strips | 06/20/2020 |
| 80218 | Removed pos 1 and 2 | 07/02/2022 |
| 63008 | Caterpillar Grader 16H 250hr service | 07/07/2020 |
| 80260 | Machine shutting down. - No fuel | 11/09/2021 |
| 80265 | Fuel leak - Low fuel level / Fuel cap not closed correctly | 11/10/2021 |
| 63040 | Worn blade slides.Installed blade and new wear strip and keeper plate tighten bolts and nut installed bolt on cylinder for slider and tighten bolts11/09/2020 - Defects & pre-start - Both left hand & right hand rear door covers remove on broken bolts on R/H bottom of battery cover, connected alternator positive line, do pre-start check , check all oil levels and lights, start machine, fix engine dip stick, wash machine, blow out cab of dust, clean door glass & window mirrors, clean seals on door. | 09/10/2020 |
| 63271 | Re-torque pos 2 - Done | 07/13/2020 |
| 80670 | Pos 2 tyreremove tyre and rim and fit one taken from 531. | 11/26/2021 |
| 80871 | engine wont start Engine miss fire | 11/11/2021 |
| 63274 | Removed pos 2 tyre and replaced from another grader Removed tyre from machine 541 - Removed pos 2 tyre on machine swapped pos 2 - Retorque pos 2 after 3 loads | 07/13/2020 |
| 81027 | Prestart fault : AC fan n.w | 01/29/2022 |
| 81113 | Cutting edges excessively worn - Removed and replaced | 12/14/2021 |
| 64237 | Replaced blade wear strip RHS - removed and replaced new stopper and wear strip - sent back to work | 08/02/2020 |

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| 81180 | Oil leak.- Found loose hose on trans cooler checked oring - tighten hose and service cart topped up | 12/14/2021 |
| 64818 | Pivot balls replaceCont with lift cylinder and tilt cylinder ball removal - Unbolted lift cylinders from balls, gauge off balls fit new ones - replaced caps and shim, bolt back together fit grease lines 26/8/2020Replaced trunnion balls - Gouge off 3 trunnion balls replaced all 3 bottom tilt and lift cylinders - Gouged and welded crack below trunnion ball on RHS lift cylinder | 08/28/2020 |
| 81483 | Pos 2 spindle failed - Checked all fluids, test drive, Moved fire supp box and it cut out = Found a broken wire, soldered wire back together and all is ok | 12/30/2021 |
| 81837 | Fit pos 2 tyre and rim to machine | 01/16/2022 |
| 81917 | Circle adjustment required - Replaced 10 pcs strip- Replaced 2 pcs plate - Replaced strip wear 2 pcs - Replaced gauge assembly - Fixed indicator lights | 01/18/2022 |
| 82056 | Fire suppression discharged- Found that burn tube has rubbed on fitting causing it to blow out and set the system off | 01/25/2022 |
| 64855 | worn blade mounts on draw barRemoved blade and pad weld worn slider keepers all 4 completed | 08/27/2020 |
| 82319 | prestart fault: fuel gauge U/S | 04/14/2022 |
| 66310 | Pos 2 tyre low pressure.Checked pressure inflated 70 psi | 10/06/2020 |
| 82557 | Caterpillar Grader 16H 250 hr service - Service missed | 02/22/2022 |
| 67033 | Pos 1 and 2 tyre shuffle & retorque | 10/21/2020 |
| 82582 | Ran out off fuel, Change fuel filters clean lines and prime | 02/11/2022 |
| 68327 | Fire supp repair - Foam discharge by it self - Removed the head and checked oring @ cover came off, replaced oring charge nitrogen @ signal line to check for leaks replace hose @ signal line to check for leaks replaced hose @ signal line install thread sealant on all the fittings - Clean the discharge lines install the covers charge nitrogen and check ok | 12/06/2020 |
| 82635 | Worn cutting edges - Replaced | 02/17/2022 |
| 82808 | Park brake wont release - Not building air - Leaking air at compressor governor valve - replaced air governor valve | 02/17/2022 |
| 67465 | Fire Suppression System Service - Motor Grader 12 Monthly | 11/07/2020 |
| 82852 | Blade slide worn - Removed and replaced lower blade slide | 02/20/2022 |
| 82889 | truck shutdown- Ran out of fuel | 02/22/2022 |
| 68716 | Fire supp low pressure - Put plug on tank, Bubble test for leaks all the burn tube - Replaced damage burn tube start charging | 12/10/2020 |
| 83108 | circle drive bolts lose/missing- Replaced missing bolt and tighten the other ones | 03/16/2022 |

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| 83423 | Engine alarm coming on - engine failed - Top up oils, Replaced exhaust stack - Found loose wiring after some more testing came back on need to check bypass valve - Find eng fault, Removed rocker covers and checked for loose or broken rocker arms, removed oil filter and cut open and found dirt in it, replaced filter and checked turbo and it was u.s - Removed and replaced with one from old engine - changed eng oil and filter | 03/24/2022 |
| 84724 | Fire Suppression System Service - Grader 12 Monthly | 10/24/2022 |
| 85244 | Removed pos 6 - Put on stands | 08/10/2022 |
| 85655 | Fitted new tyres | 09/12/2022 |
| 68717 | Replaced RHS tandem oil - Replaced engine oil filter - Prestart | 12/16/2020 |
| 68718 | Fire supp set it self off - Checked why it set off - charge nitrogen leaks @ discharge, open the hood the piston still down, one way faulty - run to snapper to look for parts - Used parts - cleaned and assemble install and foam and water - charge nitrogen - Head is wormald but controller is muirhead - need to change | 12/08/2020 |
| 86270 | Prestart fault : leaking RH tandem pivot | 10/29/2022 |
| 86321 | Assemble brake pack and fit new brakes | 10/25/2022 |
| 86377 | pos 1 and 2 tyres | 11/27/2022 |
| 68719 | Replaced oil from LHS tandem - Replaced oil from circle drive | 12/15/2020 |
| 89196 | remove circle drive and fit to 815 | 05/10/2023 |
| 89938 | circle drive and gerotor failed - rebuild circle drive and install - fit side shift cylinder in place - order parts - top tandem - trans oils - circler drive - fit battery box and guards etc | 12/12/2023 |
| 70124 | Unbolt engine parts to remove engine | 02/02/2021 |
| 92835 | Fit new tyres-Clean rime, fit 6 new tyres on rims and fit to machine | 07/02/2024 |
| 75913 | Transmission re-build (MG)stripped old trans and Rebuilt | 08/04/2021 |
| 77329 | engine installationCont eng install Bleed fuel and jump start and run | 08/19/2021 |
| 77582 | Front axle /steering repairs.Removed front axle - clean up frame ready for line bore Shimming front axle | 08/24/2021 |
| 78090 | line bore front end Lin bore steering main frame pin (bore) | 09/06/2021 |
| 78118 | Rebuild circle driveFinish assembling drive box and fitted | 10/07/2021 |
| 78811 | fit pos 1 and 2 | 09/24/2021 |
| 79615 | Replaced blade slides Replaced hoses and fit new latches - Try to find bolts for circle | 10/14/2021 |
| 79954 | Removed pos 3 | 05/25/2022 |
| 80224 | Oil leak at tandem.- Prep and weld crack | 11/06/2021 |
| 80296 | Exhaust manifold leaking Cleaned up manifolds and head and fit turbo and intake manifold | 11/16/2021 |
| 80459 | Charge light on Found wire for flashing light - Came loose | 11/18/2021 |
| 81442 | Carry out 500HR service | 12/27/2021 |

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| 82209 | Fire Suppression System Pressure Lowfound gauge incorrect pressure range degas system and replaced gauge with correct one recharge system and test ok | 02/01/2022 |
| 81026 | Prestart fault : Fuel gauge n.w | 01/24/2022 |
| 81157 | Prestart fault cracks in pos 1 and 2- Checked and ok for use | 02/01/2022 |
| 82508 | unintentional discharge of fire suppression (failed burn tube)- Checked and replaced burn tube - service the head | 02/08/2022 |
| 82612 | ac fan not blowing - Clean out cab filters - blow out fan housing - test | 02/11/2022 |
| 82830 | Caterpillar Grader 16H 1000hr service | 02/21/2022 |
| 86035 | Prestart fault : damaged exhaust pipe- Fixed new exhaust pipe to machine | 10/14/2022 |
| 88886 | re mobilisation of grader - fit all parts removed for repair and replacement - reassemble circle drive | 12/11/2023 |
| 90211 | sun gear shaft failed - replaced shaft - pivot final drive leaking - resealed re shimmed 2nd hand unit also see 88886 work order for parts listing | 11/10/2023 |
| 93814 | Unusual smell and noises coming from machine-Check for leaks and fluid levels. Air relief valve blowing off. Fit and test 2nd hand compr3essor governor valve. OK | 07/21/2024 |
| 93831 | Fitted brake low pressure warning switch. Fit wiper arm and blade | 07/15/2024 |