

Unit	Model	Date	Work Order Details
1699	D71PXI-24	6/11/2023	Check codes on unit, tester test, machine seems functional
1699	D71PXI-24	6/15/2023	Check into L01- CA1117 engine code, shut unit off Dan erased all codes found nothing wrong with unit
1699	D71PXI-24	6/15/2023	Found water on the dip stick of unit had service change oil and new filters
1699	D71PXI-24	6/15/2023	Check for coolant in oil. Did oil change and will monitor
1699	D71PXI-24	6/17/2023	Check over unit for issue think egr cooler is toast
1699	D71PXI-24	6/17/2023	Look over unit, possible egr cooler
1699	D71PXI-24	6/18/2023	Unit is throwing SCR codes Ran def pump test Line heaters tests Ran a manual burn Pulled def pump cover removed injection line and blow it out Started to look into the pump but got sent to another job
1699	D71PXI-24	7/12/2023	Tired clearing code. Couldn't get it cleared. Drove machine around and everything seemed fine. Called up and it ran all night
1699	D71PXI-24	7/12/2023	Drive to and look at code. Engine ecm memory loss code said to run machine. Only level one
1699	D71PXI-24	7/15/2023	Inspect unit found lo1 code turn off unit and had issues with coni acting with gps had gps guys there figured out gps system
1699	D71PXI-24	7/16/2023	Inspect unit for blade angle codes was able to reset codes and gps
1699	D71PXI-24	7/18/2023	Called to for hydraulic issues. Got code cleared for tilt sensor. Built new line for ripper line that is leaking line. Found joystick has worn centering springs discussed with Chace what he wants to be done
1699	D71PXI-24	7/18/2023	Code for blade angle sensor not calibration re calibrate and test all good
1699	D71PXI-24	7/18/2023	Cleared codes and tested unit(ok)
1699	D71PXI-24	7/20/2023	Diag unit for blade angle sensor order parts
1699	D71PXI-24	7/21/2023	Unit shut down. Drive to unit inspect found auto idle shutdown set to 5 min turned off auto idle shut down
1699	D71PXI-24	7/24/2023	Diag unit overheating. Found no issues with unit operator pushing to larg of pile causing it to overheat
1699	D71PXI-24	7/24/2023	Diag for blade lifting. Found joystick has excessive play order parts
1699	D71PXI-24	8/6/2023	Started troubleshooting code. Foreman needed dozer. Code is for blade tilt sensor and will run fine while being active just won't have automatics. Reassemble machine and send back to work.
1699	D71PXI-24	8/7/2023	Checked out radio. Works fine

1699	D71PXI-24	8/11/2023	Remove and change out joystick
1699	D71PXI-24	8/11/2023	Diag def pump not working order new punp
1699	D71PXI-24	8/12/2023	Replace DEF pump, installed new pump and ran pump test, new pump passed the test, started and ran a regen on the machine, re-installed the panel for DEF pump.
1699	D71PXI-24	8/12/2023	Remove old def pump install new pump bleed system and run regen all good
1699	D71PXI-24	8/14/2023	Found fuel filters full of crap. Got changed performed regen and tested checked out sent back to work
1699	D71PXI-24	8/14/2023	Diagnose fuel issue. Contaminated fuel. Replace filters. Re test. Units a go
1699	D71PXI-24	8/15/2023	Called to for low fuel pressure codes again. Check water separator full of water again.... Got tank sucked and flushed and filters changed again. Tested seems to be much better now
1699	D71PXI-24	8/15/2023	Replace filters. Inspect tank. Inspect supply lines. Further repair required
1699	D71PXI-24	8/16/2023	Checked machine out found that the commanded fuel rail pressure and the actual fuel rail pressure was different at idle and idle under load, checked the fuel rail pressure sensor voltage and signal voltage were within range supplied voltage at 4.9V and signal ranged from 1.25V-2.49V, fuel rail pressure regulator voltage seemed low unable to determine necessary repairs, performed injector cut out test as well and no noticeable difference between injectors being cut out, komatsu service coming for warranty inspection.
1699	D71PXI-24	8/21/2023	Install new seat belt on unit
1699	D71PXI-24	8/24/2023	Help sms diag gps
1699	D71PXI-24	8/25/2023	Inspect unit found low fuel pressure change fuel filter and unit runs good
1699	D71PXI-24	8/26/2023	Check over system found low fuel pressure change filters
1699	D71PXI-24	8/27/2023	Drive to unit inspect found codes for low fuel pressure drained tank cleaned out tank and changed filters all good
1699	D71PXI-24	8/28/2023	Continue with changing fuel filters cut open filters inspect and add fuel conditioner
1699	D71PXI-24	8/29/2023	Change fuel filters cut open and inspect nothing in filters
1699	D71PXI-24	8/30/2023	Change out fuel filters and prime system
1699	D71PXI-24	8/31/2023	Change out fuel filters and clear code for low fuel pressure cut open filters they are clean
1699	D71PXI-24	9/1/2023	Inspect unit cleared codes talk with sms and unit is good to go
1699	D71PXI-24	9/2/2023	Help sms diag low fuel pressure
1699	D71PXI-24	9/2/2023	Inspect and found needs edge flip and corner bits

1699	D71PXI-24	9/2/2023	Complaints of audible L03 (low fuel rail pressure code) cleaned fuel rail pressure sensor , checked wiring , changed filters . Issue went away until about an hr and things got hot again . Code came back
1699	D71PXI-24	9/3/2023	Help sms repair unit
1699	D71PXI-24	9/8/2023	Checked out cutting edges and looked in laydown for new ones had to order them
1699	D71PXI-24	9/8/2023	-Drove out to t&ld pad to measure blade so the right edges could be ordered for that machine configuration, parts on order.
1699	D71PXI-24	9/9/2023	Flip center edges and replace corner bits
1699	D71PXI-24	9/14/2023	Check over unit
1699	D71PXI-24	10/5/2023	Inspect unit for gps code inspect all wiring and reset unit all good
1699	D71PXI-24	10/17/2023	Start to diag ac system
1699	D71PXI-24	10/19/2023	Code for rh motor. Needs further diag
1699	D71PXI-24	10/21/2023	Ohm'd out solenoid valve bank harness, found damage to harness inside of loom, ordered new harness.
1699	D71PXI-24	10/28/2023	Replaced broken harness installed new clips tested up was good put all covers back on
1699	D71PXI-24	10/29/2023	Find new bolts and install removed panels
1699	D71PXI-24	11/9/2023	Install new idler, removed frozen mud from tracks
1699	D71PXI-24	11/13/2023	Go help remove blade tilt cylinder pin for sms mechanic
1699	D71PXI-24	11/14/2023	Get to unit inspect found code for improper shut down during regen. Run regen test unit all good
1699	D71PXI-24	11/16/2023	System abnormality code. Shut unit down and let light shut off by master properly and reset unit
1699	D71PXI-24	11/16/2023	Drive out to site Check over unit Installed air line fitting to air tank. Found loose air intake sensor, clean and reinstalled. Start up warm up unit. Cleared codes. Force burn on DPF, was at 82% Function tested unit, no other codes come on the monitor. Installed lower cover, clean up.
1699	D71PXI-24	11/17/2023	Clear codes
1699	D71PXI-24	11/19/2023	Start to remove c frame on unit
1699	D71PXI-24	11/19/2023	Replace blown line Pin is broken will not take grease need to remove c frame and replace bushings
1699	D71PXI-24	11/20/2023	Try press out pin, wasn't moving. Heated red hot and tried again, Still nothing torched flange of the pin off and tried pressing through. Wouldn't move. Split tracks and unpinned hardbar

1699	D71PXI-24	11/20/2023	heated bores and set up pressing equipment. Tried to remove pin.
1699	D71PXI-24	11/20/2023	Strip rest of parts off c frame in order to remove it, got everything off ready to pull pins, pins are seized, had 2 rose buds going had pin cherry red still didn't budge, have to put some stuff back together block dozer up and remove tracks and frames to lance
1699	D71PXI-24	11/20/2023	Had to re block the unit split the tracks and removed hard bar pins lowered track frames to get the pins cut out to change c frame pins and bushings
1699	D71PXI-24	11/20/2023	Dismantled c frame removed pins hydro lines and gps lines to blade main c frame pines not moving
1699	D71PXI-24	11/20/2023	Attempt to unpinnblade frame. Pins will need lanced out
1699	D71PXI-24	11/20/2023	Tried to remove seized pins with torches and hydraulic preds
1699	D71PXI-24	11/20/2023	Assist with c frame removal
1699	D71PXI-24	11/21/2023	Lance pins, cut out bushings and remove c frame
1699	D71PXI-24	11/21/2023	Remove blade and c frame. Remove bushings and prepare for line bore
1699	D71PXI-24	11/21/2023	Lance pins out, finish removing other lines, chain blade to loader pull blade and c frame out buff surfaces find the bushing was spinning in the bore, have to wait until new bushings get here in order to tell if the bore needs line bored or not
1699	D71PXI-24	11/23/2023	Set up on machine for line bore. Track down parts. Set up bearings a start welding out
1699	D71PXI-24	11/24/2023	Finish welding out holes set up bore machine cut holes
1699	D71PXI-24	11/25/2023	Hooked up all the hydraulic lines that were removed plus installed all the hose covers
1699	D71PXI-24	11/25/2023	Button up everything. Make sure all pins take grease. Tracks ready to wrap
1699	D71PXI-24	11/25/2023	Finish cutting last hole remove line bore equipment. Cleanup c frame for bearing install. Pickup trailer and head back to camp. Job completed
1699	D71PXI-24	11/25/2023	Press in new bushings and grease seals into c-frame, install new hard bar bearing and seals on right side, install blade start routing lines
1699	D71PXI-24	11/25/2023	Install cframe and blade. Start connecting lines.
1699	D71PXI-24	11/26/2023	Prep tracks for wrapping
1699	D71PXI-24	11/26/2023	Set up Safe work area , wrapped left side track
1699	D71PXI-24	11/26/2023	Finish wrapping tracks
1699	D71PXI-24	11/26/2023	Finish up few small things, install left side tracks, take off blocks
1699	D71PXI-24	11/26/2023	Installed left side track with Adam
1699	D71PXI-24	11/26/2023	Wrapped the right hand track plus cleaned up parts to install the track pads installed as mean as possible left a few of to install the keepers on the c frame pins pus missing some parts to install the rest of the pads

1699	D71PXI-24	11/26/2023	Continue re assembling unit. Track pads and pin keepers need installed
1699	D71PXI-24	11/27/2023	Finish installing track pads, move machine orderd parts to install last track pad, clean up work area
1699	D71PXI-24	11/27/2023	Cleaned up work area
1699	D71PXI-24	11/28/2023	Install last track pad on unit, call it up
1699	D71PXI-24	11/28/2023	Lo1 crank pressure codes. Got lube to change filter cleared up code
1699	D71PXI-24	11/30/2023	One corner blade skin ripped most the way off. Cut off and sent back to work. Crossed with Cullen for skins to get replaced
1699	D71PXI-24	12/3/2023	Tighten up fitting for blase sensor
1699	D71PXI-24	12/3/2023	Inspect unit for codes unit was not shut down properly threw code cleared code good to go back to work
1699	D71PXI-24	12/5/2023	By the time I got there they shut the unit down and code never came back. Looked unit over should be good
1699	D71PXI-24	12/7/2023	Check over unit all good
1699	D71PXI-24	12/9/2023	Went to unit and inspected for blown hydraulic line on ripper, identified broken line, removed, took line to lay down, built new line and installed
1699	D71PXI-24	12/9/2023	Locate unit. Locate leak. Removed damaged line. No fittings on site. Drive to poplar. Build hose. Drive to site. Install hose. Leak test. No leaks. Units a go
1699	D71PXI-24	12/12/2023	Gouge off blade skins, clean up blade and prep for new skin installs
1699	D71PXI-24	12/12/2023	Cut off old blade skin and gouge
1699	D71PXI-24	12/15/2023	Replace bladeskins
1699	D71PXI-24	12/15/2023	Cut/weld new blade skins
1699	D71PXI-24	1/1/2024	Ice lugging.
1699	D71PXI-24	1/1/2024	Ice lugs
1699	D71PXI-24	1/2/2024	Ice lugs
1699	D71PXI-24	1/2/2024	Finish corking
1699	D71PXI-24	1/6/2024	Inspect unit for air seat not working. Found no issues all wiring good and seat airs up and down
1699	D71PXI-24	1/8/2024	Find machine to turn seat heater off. Tested to ensure functionality still. Found cab bouncing around dangerously. Locked out crossed with days
1699	D71PXI-24	1/27/2024	Found unit checked fluid levels and codes. Fan system abnormal. Crossed with nights
1699	D71PXI-24	1/27/2024	Help sms lift cab back on unit

1699	D71PXI-24	1/28/2024	Drive to unit inspect found unit has 11 codes. Go through trouble shooting found all codes come from hst controller. Found unit just had cab removed inspect with sms guy found plug not in all the way
1699	D71PXI-24	2/2/2024	Diagnose code. L01 DK80KT. Look up code and found IMU internal failure. GPS not working properly. Most likely the imu sensor needs to be replaced.
1699	D71PXI-24	2/2/2024	Front grill pushed in remove bend back and reinstall
1699	D71PXI-24	2/10/2024	Found pinched wired and pins pulled out of deutz connectors behind seat. Repair and tape together stray wires. Zip tie out of the way. Seatbelt buckle nfg. Parts ordered
1699	D71PXI-24	2/11/2024	Install seat belt
1699	D71PXI-24	2/11/2024	Replaced seat belt
1699	D71PXI-24	2/13/2024	Helped Owen with codes
1699	D71PXI-24	2/17/2024	Drive to and find leak. Go make hose go back and instal. Test put unit up
1699	D71PXI-24	2/17/2024	Travel out to the unit and flipped both outside ripper shanks
1699	D71PXI-24	2/19/2024	Drive to unit inspect and found joystick fell off put back on and test all good
1699	D71PXI-24	2/22/2024	Stole edges off 1710 at alpha , and drove out to 117 and swapped edges on 1699, reused hardware
1699	D71PXI-24	2/22/2024	Remove and replace cutting edges
1699	D71PXI-24	2/22/2024	Check turbo and order parts
1699	D71PXI-24	2/22/2024	Drive to unit inspect found cutting edges need to be replaced no new edges go to 1710 remove edges and take them to 1699 install edges
1699	D71PXI-24	2/23/2024	Called to for engine codes. Looked at screen found fuel water separator sensor tripping. Checked sensor and wires are yarded out the bottom. Coordinated with lube team to get new water sep sensor ordered.
1699	D71PXI-24	2/26/2024	Operator complaint of strange noise from tracks, set up work area, tracked unit back and forth, could not hear any noises that seem out of place, inspected undercarriage, no parts seem to be more worn than others but undercarriage as a whole is getting worn out. Unit needs to have the tracks chipped out.
1699	D71PXI-24	2/27/2024	Drove to unit took a sample track bold came back to c can finally found the right bolts and installed track pad. Then fixed a coolant leak on the radiator
1699	D71PXI-24	2/28/2024	Change out intake pipe

1699	D71PXI-24	2/29/2024	Drive over to unit, have machine drive over. Checked over unit, monitor codes. Most of the codes are for blade sensor not reading correctly: checked the conditions of the connectors looked to be in good condition. Possibly need to perform blade recalibration. Need more information on how to troubleshoot. Looked into the engine emission issues, pulled cover to inspect, Found the front grill pushed in, removed and found the DEF damaged. Notify management unit was locked out and moved off work site.
1699	D71PXI-24	3/6/2024	Straighten panels
1699	D71PXI-24	3/7/2024	Rebuild grill for machine and cut parts for future machines.
1699	D71PXI-24	3/7/2024	Repair def brackets, clamp and hood panel. Straighten blade guard
1699	D71PXI-24	3/7/2024	Codes for blade sensors. Found 5v code that will kick on all work equipment sensor codes. Ts and found broken wires at sensor. Repaired wiring and sent back to work
1699	D71PXI-24	3/7/2024	Troubleshoot implement sensor codes. Inspect blade function sensor at each cylinder. Upon search, found that wiring harness was pulled out from tilt cylinder sensor. Removed and disassembled sensor. Rewired sensor and re installed. Test functions. No remaining codes.
1699	D71PXI-24	3/7/2024	Replaced DPF remove hood. Remove DPF Install new DPF install hood. Test run no codes for DPF.
1699	D71PXI-24	3/7/2024	Locate electrical issue. Harness damaged. Repair harness connector. Units a go
1699	D71PXI-24	3/8/2024	Track down unit. Remove old sensor. Install new one for the water separator bowl. Test run no codes clear old codes.
1699	D71PXI-24	3/14/2024	Inspect ripper tooth, take measurements and return to look for replacement. None found, give part number to foreman to order.
1699	D71PXI-24	3/22/2024	Chip off frozen dirt from back of blade to access cutting edge nuts. Remove old cutting edge. Buff mating surfaces. Attempt to install new cutting edges but found edges ordered were the wrong length. Flip cutting edge and install.
1699	D71PXI-24	3/23/2024	Unit coding for left tilt stroke open. Tried running calibrations but did not get rid of code. Chipped out large buildup of frozen mud all around blade components. Sensor possibly damaged from buildup.
1699	D71PXI-24	3/26/2024	Removed pans and cleaned out peat and sand from unit.

1699	D71PXI-24	3/27/2024	Drove to unit, found codes for left blade angle sensor, interlock switch and ECM missing partial data, found ECM code cause by improper use of master switch (turned off while yellow light still on). Removed interlock switch, unplugged connection to inspect, cleaned out plug and reinstalled, code went inactive, inspected harness for Left blade angle sensor, did not find anything that looked to be a problem, another unit went down and foreman stated GPS not required for job so sent unit back to work to fix a different unit. Will need to dig into blade angle sensor fault.
1699	D71PXI-24	3/27/2024	Installed new pin keeper on right side blade cylinder
1699	D71PXI-24	3/29/2024	Drove to unit, checked wiring for blade angle sensor, no faults found with wiring for blade angle sensor, removed blade angle sensor, disassembled sensor, found white wire pulled out of terminal connector, re-wired and installed, code inactive. Reassembled all previously removed panels from unit and returned to work.
1699	D71PXI-24	3/29/2024	Chipped mud out found hose leaking to left blade angle cylinder removed hose. Brought hoses to laydown and built a new hose and reinstalled hose
1699	D71PXI-24	3/29/2024	Blade angle sensor code chased wires and chipped mud so I could remove guards. Got pulled off and crossed with nights
1699	D71PXI-24	3/30/2024	Drove to unit, found antenna cable end fell off, installed new cable end, installed cable and tested radio
1699	D71PXI-24	3/31/2024	Remove ripper tooth, replace ripper line
1699	D71PXI-24	3/31/2024	Segment bolts missing and loose. Drove to lay down no blots on site looked up bolts and ordered new bolts
1699	D71PXI-24	3/31/2024	Removed hose took it to lay down and built a new hose and reinstalled
1699	D71PXI-24	4/1/2024	Installed 6 new segment bolts cleaned out rest of segment bolts and retightened
1699	D71PXI-24	4/2/2024	Had to change out a o ring on one of the ripper lines tested no more leak
1699	D71PXI-24	4/2/2024	Install new seal on ripper line. Re torque 1 segment section
1699	D71PXI-24	4/23/2024	Diagnose loose segment bolts
1699	D71PXI-24	4/23/2024	Diagnose and order parts, right hand segment bolts came loose
1699	D71PXI-24	4/24/2024	Torched off old bolts. Installed new
1699	D71PXI-24	4/24/2024	Remove bolts
1699	D71PXI-24	4/26/2024	Called to unit for skipping Found sprocket segment loose Check rails found six dry links two ready to come apart on rh side locked unit out before track split
1699	D71PXI-24	4/27/2024	Inspect RH undercarriage, order parts.
1699	D71PXI-24	5/4/2024	Run prts ti unit and assist repair

1699	D71PXI-24	5/6/2024	Removed tracks from unit, wrapped up and secured with cable
1699	D71PXI-24	5/6/2024	Walk from corridor to laydown. Pull rails off and wrap
1699	D71PXI-24	5/6/2024	Locate unit. Relocate to laydown. Remove both tracks from unit. Fold and prep for transportation. Clean up work are
1699	D71PXI-24	5/17/2024	Take undercarriage pictures for Cullen
1699	D71PXI-24	5/28/2024	Blocked unit up and started removing old under carriage
1699	D71PXI-24	5/28/2024	Lifted unit up and placed on blocks.
1699	D71PXI-24	6/2/2024	Begin disassembling undercarriage. Relocate all parts to unit.
1699	D71PXI-24	6/2/2024	Strip undercarriage on unit.
1699	D71PXI-24	6/2/2024	Clean mud around all bolts and nuts. Remove all segments and idlers on both sides. Remove all rollers on RH side. Bag up parts and put in cab.
1699	D71PXI-24	6/2/2024	Removed sagments on both sides plus idlers on both sides then removed bottom rollers on the right side still need to remove left side bottom rollers ran out of time
1699	D71PXI-24	6/3/2024	Continue disassembling undercarriage
1699	D71PXI-24	6/3/2024	Cleans up under carriage parts to be installed ran out of time end of shift
1699	D71PXI-24	6/3/2024	Started removing rollers on LH side, got called off to look at leak on 1739
1699	D71PXI-24	6/5/2024	Continue working on undercarriage. Finish stripping left hand side of unit. Buff all mating surfaces, tap out holes etc. Install carrier rollers on both sides, install segment pieces on both sides, install idler and all bottom rollers on right hand side. (Nothing has been torqued yet)
1699	D71PXI-24	6/5/2024	Drop all rollers from LH side. Buff, tap and clean all threads and surfaces on final drives, bottom of track frame and idler yokes. Install carrier rollers and segments on both sides. Installed rollers and idler on right side. Did not torque anything yet as we couldn't find the torque spec.
1699	D71PXI-24	6/5/2024	Start undercarriage, run crane while hanging rollers on right side. Extracted broken bolt started putting segments on. Nothing is torqued couldn't find spec
1699	D71PXI-24	6/7/2024	Undercarriage
1699	D71PXI-24	6/7/2024	Replace complete undercarriage
1699	D71PXI-24	6/7/2024	Hang remaining rollers and lh guard. Torque everything. Rh guard needs straightened or rebuild

1699	D71PXI-24	6/7/2024	Continue with undercarriage, installed bottom rollers on left hand side and torqued, installed rock guard. Torqued up bottom rollers on right hand side, attempted to install rock guard but found it was bent badly and only 2 bolt holes lined up. Will need to be straightened. Cleaned up all pallets and garbage.
1699	D71PXI-24	6/7/2024	Hung all rollers on LH side. Bolted in idler LH side. Torqued all idlers and rollers to spec. Bolted up track guard on LH side. Attempted to bolt up track guard on RH side but it was too bent. Will need some attention from the welders. Also noticed missing keeper for pin on Rod side of LH lift cylinder.
1699	D71PXI-24	6/7/2024	Continue u/c repairs. Look up all torque specs. Torqued sprocket segments and carrier rollers
1699	D71PXI-24	6/8/2024	Remove broken keeper bolts, build new keepers. grab rock guard from undercarriage and straighten it out/rebuild guard. Reinstall guard, wrap tracks with mechanic.
1699	D71PXI-24	6/8/2024	Clean up all scrap around machine. Scrape around machine for access with truck. Fixed angle cylinder pin keeper. Installed roller gaurd. Install tracks. Tighten tracks and remove machine off blocks
1699	D71PXI-24	6/10/2024	PM inspection
1699	D71PXI-24	6/11/2024	Change out broken DEF door latch
1699	D71PXI-24	6/21/2024	temperature control in can broken, needs a new switch. Ac system not functioning as it should, compressor is working but condenser fans aren't getting power. Need to change switch and continue troubleshooting.
1699	D71PXI-24	6/22/2024	Continued troubleshooting no condenser fan operation. Tracing control circuit
1699	D71PXI-24	6/23/2024	Tshoot no ac, bypassed water valve because potentiometer wasn't here yet in order to continue troubleshooting condenser fan issue, found condenser pressure switch failed, bypassed switch, pressures were good but it was still blowing hot. Clamped of coolant hose and ac started blowing cold. Ordered water valve and condenser pressure switch. Reinstalled panelling. And locked out until parts show
1699	D71PXI-24	6/26/2024	No a/c, no parts may unit, locate parts
1699	D71PXI-24	6/28/2024	Replace heater control valve, jump out high pressure fan control switch
1699	D71PXI-24	6/29/2024	Vacuum, check for leaks and charge system to 2.2lb
1699	D71PXI-24	7/2/2024	Condenser leaking

1699	D71PXI-24	7/3/2024	Troubleshoot def overheat, def injector and scr faults, unit would not idle up or perform regen, removed panel and inspected def injector, found crystal buildup all around injector. Relocate unit out of the way of traffics. While driving machine began doing a regen on its own. Let sit but would not complete regen. Parts ordered.
1699	D71PXI-24	7/3/2024	Travel to unit and helped Joseph diagnose problem
1699	D71PXI-24	7/3/2024	Drove to unit, found active codes for DEF injector overheating and SCR efficiency low, tried to start regeneration, unit would not start regen, removed panels and found DEF injector is leaking externally, need to replace DEF injector.
1699	D71PXI-24	7/3/2024	Had to reset unit and got the codes cleaned and ran a regen. I didn't get a chance to diagnose unit as the need unit
1699	D71PXI-24	7/3/2024	Diagnose faulty def injector Order parts
1699	D71PXI-24	7/5/2024	Started unit and warmed up to temperature, reset dosing data, cleared active faults, performed manual stationary regen, no faults returned once complete.
1699	D71PXI-24	7/5/2024	-replace DEF injector
1699	D71PXI-24	7/5/2024	Pull vacuum on ac. Held for 20 min, start putting freon in and heard leak. Found leak and ordered parts. Did regen
1699	D71PXI-24	7/5/2024	Drove to unit, set up equipment to charge ac, pulled vacuum, started to charge system, heard leak and stopped charging, found lines off of ac compressor leaking at crimps, ordered parts.
1699	D71PXI-24	7/5/2024	- replaced condenser and pressure sensor, had to re use old orings as none were ordered . Was unable to charge because I finished at 5. Crossed to nights
1699	D71PXI-24	7/8/2024	Checked unit over
1699	D71PXI-24	7/9/2024	Find leak, pull hose off and bring to laydown to build. Built and installed
1699	D71PXI-24	7/9/2024	Drove to unit, found line ripped off under ripper table, removed line, drove back to lay down, built new line for unit, drove back across bridge and installed new line, had hydraulic oil topped up, tested and returned unit to work.
1699	D71PXI-24	7/15/2024	Got to unit found L03 code. The seat sensor wasn't working, had to dig the garage out from behind the seat. Found broken wires that the garage pushed the wires up into the track and pinched them. Fixed wires codes gone. Left garbage in front of the seat on the floor.
1699	D71PXI-24	7/15/2024	Checked unit over
1699	D71PXI-24	7/20/2024	Told to Replace both ac lines to compressor. Charged unit, notice compressor unplugged, plugged back in. Compressor was failed. Ordered new

1699	D71PXI-24	7/26/2024	Get to unit over at main site. Remove covers and belt, remove compressor. Install new, partially charge system, ran out of refrigerant. System still needs to be charged
1699	D71PXI-24	7/27/2024	Replaced ac lines and charged system to 2.2lb
1699	D71PXI-24	7/27/2024	Travel to unit set up work area removed damaged A/C lines and put vacuum on unit to make sure there was no leaks then charged unit to 2.2 lbs that's spec and made sure A/C is working installed engine side panels
1699	D71PXI-24	7/28/2024	Checked unit over
1699	D71PXI-24	7/28/2024	Check over, cutting edges around 50%
1699	D71PXI-24	8/24/2024	Looked into just lo1 they wanted to run it so let it run for now
1699	D71PXI-24	8/24/2024	Troubleshoot sensor fault. Will need to remove covers to get to connector. Unit still being used
1699	D71PXI-24	8/30/2024	Drove to unit, found leaking filter, contacted service guys got new filter and installed, returned unit to service after oil topped up.
1699	D71PXI-24	8/31/2024	Diagnose hydraulic leak on unit. Leak coming from tilt line on right hand side of unit. Remove various covers and clamps, dig out dirt and fish out line. Take hose back to laydown and make up new hose. Install new hose. Run up unit and check to ensure no more leaks are present. Reinstall all removed panels. Have hydraulic oil filled.
1699	D71PXI-24	9/13/2024	Drive to north mine and look into code. All wires connected at the sensor still. Checked harness to under floor connector. Determine where controller is and ran out of time to check wiring to there. Would like to verify harness before ordering sensor as it was showing proper voltage.
1699	D71PXI-24	9/14/2024	Drove to unit diagnosed blade angle sensor. Swapped sensors around code followed bad sensor. Ordered new sensor
1699	D71PXI-24	9/15/2024	Locate unit. Secure work area. Diagnose leak. Tilt line for blade leaking excessively. Remove line. Build new in sea can. Install. Leak test. Units good to go
1699	D71PXI-24	9/15/2024	Drive to and from north mine multiple times to remove build and reinstall hose. Lube truck was dead had to charge to fill with oil.
1699	D71PXI-24	9/20/2024	Drive out to unit at main site, remove all guards and clamps. Install new blade tilt harness. Re calibrate grade system on monitor
1699	D71PXI-24	9/20/2024	Changing a hunness on left cylinder
1699	D71PXI-24	9/29/2024	Fixed wiring to one blade light left side and rear work light left side
1699	D71PXI-24	9/30/2024	Checked unit for coolant leak found clamp leaking on hose going to the left side of the engine

1699	D71PXI-24	10/11/2024	Load up cutting edge pieces and hardware, drive out to w4, air hammer dirt from around nuts, remove old cutting edge pieces, buff mating surfaces and install new cutting edge pieces. (Did not have right hand corner bits in stock) Drive back to laydown.
1699	D71PXI-24	10/12/2024	Finish cutting edge, remove rh corner bit, buff mating surfaces and install new corner bit.
1699	D71PXI-24	10/12/2024	Diagnose lo1 code for water in fuel. Run up unit, unit not running great, inspect wiring to water separator, tested sensors, drain water separator out. Run unit for any extended period of time. Unit running better and no code.
1699	D71PXI-24	10/13/2024	Troubleshoot broken wire on top of cab. Found gps antenna must have fallen off at some point, ordered new parts. Pre cleaner was blown apart. Pulle plastic out of pre cleaner and air filter housing
1699	D71PXI-24	10/14/2024	Complete PM inspection at W4
1699	D71PXI-24	10/16/2024	Troubleshoot angle sensor and coolant leak
1699	D71PXI-24	10/17/2024	Got to unit full of mud cleaned shovelled & chipped mud ran out of time need to drop belly pans
1699	D71PXI-24	10/18/2024	Checked out the code it was for the DEF injector for overheating gave unit a regen and code went away
1699	D71PXI-24	10/18/2024	Travel out to the W4 removed engine side panels and checked for leaks could not see a leak dropped to plates from below the grill checked for the leak still could not see it started up unit and watched for the leak found a small line leaking by the thermostat housing that goes to the DEF injector repaired the line called for coolant ran unit checked for any more leaks checked out good installed all the panels
1699	D71PXI-24	10/18/2024	Installed the new GPS antenna that was ordered for the unit
1699	D71PXI-24	10/22/2024	Chipped mud and removed some of the belly pans
1699	D71PXI-24	10/22/2024	Remove panels / belly pans, inspect around engine, found coolant soaked material / small drip coming from rear engine belly pan, pressure tested cooling system, failed pressure test. ran out of time looking for leak.
1699	D71PXI-24	10/23/2024	Removed belly pans chipped out mud and sand. Removed panel from behind the seat found upper rad hose leaking parts on order
1699	D71PXI-24	10/25/2024	Cleaned mud from belly pans and inside tracks
1699	D71PXI-24	10/26/2024	inspection

1699	D71PXI-24	10/31/2024	Travelled to W4. Filled radiator with coolant. Ran unit, tested for leaks. Tested good. Bolted up stump pans and back rad cover. Continued to run unit up to operating temperature. Noticed temperature gauge wasn't moving. Checked temp gauge in service mode. It read 0 degrees to -16 degrees. Diagnosed bad temp sensor. Ordered parts. Travelled back to laydown.
1699	D71PXI-24	10/31/2024	Replacing them coolant line. And. Put back the panels and and connected GPS lines
1699	D71PXI-24	10/31/2024	Top up coolant. Inspect for leaks. Run to operating temp. No leaks. Install belly pans
1699	D71PXI-24	11/1/2024	Troubleshoot overheat Order parts
1699	D71PXI-24	11/2/2024	GPS not connecting
1699	D71PXI-24	11/2/2024	Check all connections to gps module. Check setting on gps monitor. Trace wiring on roof. Trace wiring in cab. Couldn't find any problems.
1699	D71PXI-24	11/2/2024	Change water temp sensor. Run up and test could only get unit up to 65 C degrees. Confirmed with temp gun. May have a thermostat stuck open.
1699	D71PXI-24	11/3/2024	Lo1 code for left angle sensor. Inspect wiring for sensor. Not seeing g any issues and code not present. Further diag required if code returns. Unit asked for regen so ran regen.
1699	D71PXI-24	11/4/2024	Working GPS and radi0
1699	D71PXI-24	11/6/2024	Ran a regen and fixed wiring to 2 way radio
1699	D71PXI-24	11/6/2024	Troubleshoot codes, checked out wiring, reset and tested
1699	D71PXI-24	11/7/2024	Looked unit over checked levels and for leaks. Called unit back and took pictures for Chase
1699	D71PXI-24	11/9/2024	Ran a regen and codes cleared put back to work
1699	D71PXI-24	11/10/2024	Coolant leak. Locate leak. Repair. Top up coolant. Run to temp. No leaks found.units good to go
1699	D71PXI-24	11/10/2024	Inspect equipment while at w4, found unit to have a leaking hydraulic hose. Remove required components and panel to access hose. Remove hose and bring to laydown to get built. Drive back and install hose / all removed components
1699	D71PXI-24	11/11/2024	Inspect unit and document any findings.
1699	D71PXI-24	11/13/2024	Check over unit while not being used.
1699	D71PXI-24	11/17/2024	Codes were inactive cleared codes and ran a Regen
1699	D71PXI-24	11/20/2024	500 hour service on dozer Changing engine oil ,engine oil filter,hydraulic filters,diesel filters,Changing final drive oils
1699	D71PXI-24	11/20/2024	500hr service
1699	D71PXI-24	11/28/2024	Demob unit

1699	D71PXI-24	12/13/2024	Check fluids and walk around visual checks, start up unit and let warm up, bring to shop to thaw out, will clean out tracks in the morning and bring to wash bay.
1699	D71PXI-24	12/14/2024	Pull unit out of shop, shovel out tracks and blade, take unit to wash bay, clean up shop mud on the ground outside of shop.
1699	D71PXI-24	12/18/2024	Start up unit, let warm up and bring to front of shop for loading/ transport to spruce grove.
1699	D71PXI-24	12/20/2024	setup and pull all access panels, bellypans for wash, move all panels to pallets
1699	D71PXI-24	12/30/2024	panels, covers removed
1699	D71PXI-24	1/3/2025	move into shop, look over, pull cylinders and blade
1699	D71PXI-24	1/6/2025	throw on stands, pull tracks
1699	D71PXI-24	1/6/2025	make up block off plates and install on cylinders, get up on stands and remove tracks
1699	D71PXI-24	1/7/2025	clean out rocks and debris from track frames, remove hoses, remove left final, drain hyd tank
1699	D71PXI-24	1/8/2025	finish pulling right final assembly, drain and tear down final and travel motor for inspection, order parts
1699	D71PXI-24	1/9/2025	tear down finals, inspect, order parts, clean
1699	D71PXI-24	1/10/2025	remove track frames, remove cylinders,
1699	D71PXI-24	1/13/2025	remove hood assembly, emissions pack and egr cooler assembly, make block off plates
1699	D71PXI-24	1/14/2025	block offs, coolant bypass finished, pull exhaust cans apart and remove filters, clean and move to tanner for welding
1699	D71PXI-24	1/14/2025	muffler mods
1699	D71PXI-24	1/15/2025	assemble exhaust make block off plates for mufflers, cap cylinders and send to wash, tear down and perform valve set, drain coolant, remove water pump, continue removing def assembly and hosing
1699	D71PXI-24	1/15/2025	modify exhaust
1699	D71PXI-24	1/16/2025	finish removing def tank, remove cab, remove def heater lines
1699	D71PXI-24	1/17/2025	coolant bypass for cabin heater only, check rear damper, disassemble seat, large parts order, clean up
1699	D71PXI-24	1/20/2025	finish removing def lines, remove heater assembly, disassemble and clean core, reassemble, pressure wash inside frame and coolers (extremely plugged), clean up, go through parts and organize
1699	D71PXI-24	1/21/2025	repair brackets
1699	D71PXI-24	1/21/2025	install waterpump, install exhaust pack, modify brackets and tie back all excess electrical, reinstall piping, reroute block heater cord,

1699	D71PXI-24	1/22/2025	assemble new aftermarket seat, clean out cab, install heater assembly, test electrical for ops and make bypass, track idlers/adjusters
1699	D71PXI-24	1/22/2025	inspect panels, repair/ straighten panels
1699	D71PXI-24	1/23/2025	track idlers/adjusters
1699	D71PXI-24	1/23/2025	straighten/ repair panels
1699	D71PXI-24	1/24/2025	track adjusters, build tool to reach the back of adjuster bore, undercarriage
1699	D71PXI-24	1/24/2025	cut out worn area/ replace, straighten panels/ guards
1699	D71PXI-24	1/25/2025	straighten gaurds, straighten exhaust tip, straighten hand rails, straighten/ repair hood
1699	D71PXI-24	1/27/2025	repair grill/ grill mount, repair track frame
1699	D71PXI-24	1/27/2025	track frames disassembled and moved to wash bay, go through parts, reseal/rebush track adjuster, clean bay
1699	D71PXI-24	1/28/2025	adjusters finished, cab repairs, door holds,ceiling, missing screws, adjust latches, replace armrests
1699	D71PXI-24	1/30/2025	pullies,belt, hoses
1699	D71PXI-24	1/31/2025	hoses, service,
1699	D71PXI-24	2/3/2025	go through parts, work on final motor
1699	D71PXI-24	2/3/2025	track frame repairs
1699	D71PXI-24	2/4/2025	assemble final motor and final drive clean parts
1699	D71PXI-24	2/4/2025	remove bearings, track frame repairs
1699	D71PXI-24	2/5/2025	final assembly, disassemble final motor, clean parts
1699	D71PXI-24	2/5/2025	role track frame ,cut out/ straighten and repair track frame
1699	D71PXI-24	2/6/2025	cut parts, fit/ weld in sections, install wear strips, box in ends, drill drain holes, begin repairs to idler brackets
1699	D71PXI-24	2/6/2025	lh final motor torn down, clean and reassembled with new seals, start final assembly
1699	D71PXI-24	2/7/2025	replace slider in idler mounts, flip track frame, repair cleaner bars, begin repairs next track frame
1699	D71PXI-24	2/8/2025	swap wear bars, role track frame, repair track frame
1699	D71PXI-24	2/10/2025	remove bearings, cut caps, install wear bars, weld in caps, remove grease blocks, role track frame
1699	D71PXI-24	2/10/2025	finish final drive, start on hoses
1699	D71PXI-24	2/11/2025	flip/ move frame, cut apart guide, cut/ prep new parts, straighten bars/ mounts
1699	D71PXI-24	2/11/2025	clean out grease and dirt, run new hydraulic lines
1699	D71PXI-24	2/12/2025	straighten parts, weld out guides, repair cracks

1699	D71PXI-24	2/12/2025	hyd lines
1699	D71PXI-24	2/13/2025	clean up move parts out
1699	D71PXI-24	2/13/2025	hoses replaced
1699	D71PXI-24	2/14/2025	hose work
1699	D71PXI-24	2/18/2025	hoses, install ripper cylinder
1699	D71PXI-24	2/19/2025	replace equalizer bar bearings and seals, remove c frame, replace c frame bushings, reinstall, new pins and shims, install left lift cyl,
1699	D71PXI-24	2/19/2025	remove seized pins
1699	D71PXI-24	2/20/2025	cylinder, reorient for sensor
1699	D71PXI-24	2/21/2025	hyd lines and cylinders
1699	D71PXI-24	2/21/2025	brace hardnose
1699	D71PXI-24	2/22/2025	bend bars to fit, fit and weld hard nose braces, weld in screen
1699	D71PXI-24	2/24/2025	hood mods
1699	D71PXI-24	2/24/2025	install blade, cylinders, lines
1699	D71PXI-24	2/25/2025	undercarriage
1699	D71PXI-24	2/26/2025	undercarriage
1699	D71PXI-24	2/27/2025	undercarriage, idler cushions, shims, hyd suction lines
1699	D71PXI-24	2/27/2025	cut/ weld on sheer blocks
1699	D71PXI-24	2/28/2025	replace guard mounts, weld on grease nipple guards
1699	D71PXI-24	2/28/2025	hoses, drill out c frame, make up bulkhead fitting, install sprockets
1699	D71PXI-24	3/3/2025	undercarriage, install track frame, guards etc
1699	D71PXI-24	3/4/2025	track frame, tap out holes, guarding, hoses,
1699	D71PXI-24	3/4/2025	remove broken bolts
1699	D71PXI-24	3/5/2025	guards, track frame install, repair hood assembly, remount and rewire horn
1699	D71PXI-24	3/5/2025	repair bracket, remove broken bolts, tap holes, clean up work area
1699	D71PXI-24	3/6/2025	weld tabs
1699	D71PXI-24	3/6/2025	modify guards, install, hyd lines,
1699	D71PXI-24	3/7/2025	hoses and guards on rh track frame, service, test, install batteries, install cab, electrical
1699	D71PXI-24	3/10/2025	finish electrical and hosing for cab, install hood - heat and straighten front to bolt up. ac, assemble accessories for hood
1699	D71PXI-24	3/11/2025	electrical, coolant, remove mixer valve for heater, install cylinders/lines/guards/sensors, finish hood install

1699	D71PXI-24	3/12/2025	hyd oil, install heater water valve,brackets, check over, start, trouble shoot codes, check electrical, clean up tools/bay
1699	D71PXI-24	3/13/2025	undercarriage, tilt sensor removed
1699	D71PXI-24	3/13/2025	wrap tracks
1699	D71PXI-24	3/17/2025	tilt cylinder stroke sensor replaced, straighten and install gaurds
1699	D71PXI-24	3/18/2025	remove and replace seat assembly, test run, diag no charge pressure
1699	D71PXI-24	3/19/2025	continue diag, pull charge relief, clean lube and reinstall, pull bypass and check spring height and for scoring, pull pump actualtor and check for movement/sollenoid is good, check for pump rotation,order seals
1699	D71PXI-24	3/20/2025	troubleshoot no charge pressure.
1699	D71PXI-24	3/20/2025	continue trouble shooting charge pressure
1699	D71PXI-24	3/21/2025	reassemble bottom end and continue going through hyds
1699	D71PXI-24	3/24/2025	go over with komatsu tech
1699	D71PXI-24	3/25/2025	split tracks remove final drive/motor combo both sides, rotate swash plate 180 re-assemble.
1699	D71PXI-24	3/25/2025	split track, remove right final, check spool, pull motor cover - switched swash plate 180 degrees, reinstall final, hook up hoses, split left track, remove final, pull spool, pull motor cover reorient swash 180 degrees, reassemble, install final drive, hook up lines, reset bypass valve, top up oil and test,
1699	D71PXI-24	3/26/2025	tracks,fittings and grease, angle cylinder sensor replaced, test,, found coolant leak, remove seat and back panel to access, repair, reinstall seat and panelss/electrica
1699	D71PXI-24	3/26/2025	assemble body panels wrap tracks.
1699	D71PXI-24	3/27/2025	drain coolant remove panels, replace temp sensor, run/bleed system,install floorpanels,interior, fender panel, pad to welding bay
1699	D71PXI-24	3/27/2025	put plates down on floor , move machine, make tool to staighthen belly of machine, staighthen
1699	D71PXI-24	3/28/2025	straighten belly, straighten stump pans,
1699	D71PXI-24	3/29/2025	tap holes, install stump pans, straighten belly
1699	D71PXI-24	3/31/2025	straighten belly, mount stump pans, blade repairs
1699	D71PXI-24	4/1/2025	straighten blade, clean up work area
1699	D71PXI-24	4/2/2025	flip blade edges, straighten left blade corner and install new corner bits, top off fluids
1699	D71PXI-24	4/2/2025	blade repairs, move unit

1699	D71PXI-24	4/16/2025	Made brackets/mount for collision awareness system (CAS) Sensor/GPS... remove seat assembly as per technician to access power supply...
1699	D71PXI-24	4/19/2025	Mobilization inspection performed. Form completed, Defects noted and submitted.
1699	D71PXI-24	4/21/2025	Finish inspection.
1699	D71PXI-24	4/22/2025	After tech installed CAS system, put back panels, harness seat assembly
1699	D71PXI-24	4/24/2025	Faulty park switch. Removed paneling. Hard ware striped out. Had to modify hardware to extract. Removed all hardware and pulled up plastics and installed replacement switch. Tested park switch. Functioning as intended.
1699	D71PXI-24	4/25/2025	Arrive at unit, enter into service/diagnostic menu on and find active code L01 CA144. Refer to shop manual and Engine manual for reference on troubleshooting sensor fault. Remove engine panels to access engine. Locate sensor remove guarding to be able to remove sensor harness and Ohm out sensor with multimeter. Sensor checks out within correct range of resistance across sensor terminals A & B for current temperature. Investigate further into troubleshooting breakdown. Additional troubleshooting will be required to find source of open in circuit. Actual temp was 39°C which should have sensor reference voltage in lower range of 5V. ECM is reading 5.0V and 100°C. Confirming that wiring to ECM is open.
1699	D71PXI-24	5/5/2025	Service call and escort to rd job in mine Dozer surging when driving- more so when not pushing material. Also has code ca144 for voltage signal reading out of range. Remove guarding and inspected. Brand new coolant temp sensor. Struggled to remove ecm connection j1 and j2. Cam locks full of dirt and not wanting to release. Blow dirt out connections. Test run dozer. Shovel tracks. Tighten tracks. No codes returned. Reinstalled covers and sent back to work.
1699	D71PXI-24	5/5/2025	Troubleshoot and resolve the engine surging and coolant fault code.
1699	D71PXI-24	5/5/2025	Assist mechanic with 1715
1699	D71PXI-24	5/5/2025	Service
1699	D71PXI-24	5/7/2025	Check cause of coolant temp high error and “surging”. Go for test drive. Surging is caused by fan running at 100% and 1600 rpm while travelling robbing hst oil. When dozer is steered hst motors demand more oil so fan slows slightly and “surge” is felt. When dozers slows down slightly then speeds back up when travelling straight. Remove ECM connectors and coolant temp sensor. Check continuity of both wires from ECM to sensor. Found sensor return wire is OL. Wiggle test harness for a while and find broken wire. Repair wire (solder) and reinstall everything. Test and code is clear. Fan is normal and surge is gone.

1699	D71PXI-24	5/7/2025	Helping Eric
1699	D71PXI-24	5/7/2025	Assist mechanic with working out coolant code
1699	D71PXI-24	5/8/2025	Morning lineup and check over Blow rads and filters out. Shovel undercarriage
1699	D71PXI-24	5/10/2025	Morning lineup and check over. Shovel tracks.
1699	D71PXI-24	5/11/2025	Morning lineup. Shovel tracks.
1699	D71PXI-24	5/17/2025	Escorted to unit. T/S hydraulic leak, pull guards and replace blown o-ring on hose to blade lift cylinder.
1699	D71PXI-24	5/18/2025	Escorted in, found power/ground connector half apart, connected and tested reception. Escorted out.
1699	D71PXI-24	5/19/2025	Found loose and missing track pad bolts. 5 missing bolts LH track. Tighten up loose bolts.
1699	D71PXI-24	5/19/2025	Perform daily routine inspection.
1699	D71PXI-24	5/20/2025	Remove loose track pads and track pads with missing hardware. Buff, prep and clean track links and pads to ensure mating surfaces free of burr's or dirt. Red loctite new mounting hardware and torque to spec.
1699	D71PXI-24	5/20/2025	Change/replace bolts on tracks
1699	D71PXI-24	5/20/2025	Help mechanic replace track pad and track pad bolts
1699	D71PXI-24	5/20/2025	Go to fuel up unit & find more bolts loose. Tighten with half inch breaker bar & notify supervisor.
1699	D71PXI-24	5/20/2025	New hardware on
1699	D71PXI-24	5/20/2025	Assist with missing bolts on track pads
1699	D71PXI-24	5/20/2025	Tighten track pads
1699	D71PXI-24	5/21/2025	Service call /morning lineup. General check over. Shoveled undercarriage
1699	D71PXI-24	5/22/2025	Daily check over with lube team. Shovel tracks.
1699	D71PXI-24	5/24/2025	250hr service, 2000PM inspection
1699	D71PXI-24	5/24/2025	Service
1699	D71PXI-24	5/24/2025	Serviced equipment
1699	D71PXI-24	5/24/2025	2000hr inspection. Assist with service and filter replacement. Fill both empty windshield washer jugs. Shovel undercarriage. 10661 hours. Complete inspection paper work
1699	D71PXI-24	5/25/2025	Shovel tracks Daily checks Tightened both tracks.
1699	D71PXI-24	5/25/2025	Get escorted to dozer, begin PM inspection. Had to get escorted out to assist CNRL/challenger. Get escorted back in and continue inspection. Make minor repairs (install p clamps/tighten bolts) get escorted out for end of day.
1699	D71PXI-24	5/26/2025	Remove shims from blade ball and trunnion to remove play.

1699	D71PXI-24	5/26/2025	Complete PM inspection,
1699	D71PXI-24	5/30/2025	Escorted service call to road job in mine Pull dash apart and replace three broken toggle switches.
1699	D71PXI-24	5/31/2025	Clean plug and fill pivot shaft oil
1699	D71PXI-24	6/6/2025	Load up Edges and stands go to unit operations using unit to backfill trench dug for culvert. Bring parts back to yard and unload
1699	D71PXI-24	6/7/2025	Re and re cutting edges.
1699	D71PXI-24	6/10/2025	500 service
1699	D71PXI-24	6/10/2025	500 hour service in dozer
1699	D71PXI-24	6/10/2025	500 hr service
1699	D71PXI-24	6/11/2025	Daily lineup and check over Let Dane know blade could use reskinned
1699	D71PXI-24	6/16/2025	Install track pad that fell off.
1699	D71PXI-24	6/16/2025	Inspected and found blade needs to be re skinned and peeling on the sides.
1699	D71PXI-24	6/21/2025	Unit floated back to laydown. Clean and inspect undercarriage Set up work area for welders to reskin the blade Removed blade edges.
1699	D71PXI-24	6/22/2025	Serviced 1699
1699	D71PXI-24	6/22/2025	Gouge off old skins, grind clean and fit up one side of skin
1699	D71PXI-24	6/22/2025	250 hr service
1699	D71PXI-24	6/23/2025	Prep and buff blade and edges. Reinstall center edges, replace corner bits. Install new hardware and torque to spec.
1699	D71PXI-24	6/23/2025	Finish fitting skins, weld out skins
1699	D71PXI-24	6/24/2025	Daily inspection.
1699	D71PXI-24	6/24/2025	Give machine once over before being loaded on float. Clean up work area from blade repairs
1699	D71PXI-24	6/25/2025	Daily inspection
1699	D71PXI-24	6/29/2025	Drive to unit and inspect CAS system. Inspect wiring harnesses. Intermittently losing connection, failing self test and screen going blank.
1699	D71PXI-24	7/3/2025	look over, inspect, tighten tracks
1699	D71PXI-24	7/3/2025	Travel to unit. Check over fluids and general inspection. Tension loose tracks.
1699	D71PXI-24	7/8/2025	Travel to unit and inspect. Get undercarriage and track measurements.
1699	D71PXI-24	7/11/2025	Perform daily inspection. Check for leaks. Inspect GET Undercarriage.
1699	D71PXI-24	7/12/2025	Serviced, blew out rads, cleaned tracks

1699	D71PXI-24	7/12/2025	Service/ clean up Trans leak Rocks under belly pan in the rear left rubbing hyd lines Two rollers messed
1699	D71PXI-24	7/14/2025	Daily inspection. Leaks, GET, undercarriage.
1699	D71PXI-24	7/15/2025	Inspect unit. Check for leaks. Inspect undercarriage and GET.
1699	D71PXI-24	7/18/2025	Inspect machine. Check for leaks. Inspect undercarriage and GET
1699	D71PXI-24	7/19/2025	Inspect unit. Check for leaks. Inspect undercarriage and GET
1699	D71PXI-24	7/23/2025	Set up work area. re-install belt & panels for Ops so they could use unit.
1699	D71PXI-24	7/23/2025	re install belt for Ops so they could use unit
1699	D71PXI-24	7/23/2025	Service call to shovel pad job. Found a/c compressor had melted clutch. Fuse had blown for hvac system. Installed new fuse and tested blower motor and hvac controls. All working as normal. Removed serpentine belt. Checked tensioner and all pulleys and bearings feel good. Kenny going to order parts.
1699	D71PXI-24	7/24/2025	Go to unit recover refrigerant change out A/C compressor, install new belt, charge A/C fire up unit, a/c would not work, trace all wiring found the issue was the relay for the compressor clutch had failed. jump relay so A/C will work until we get a new one. Clean up re assemble guarding ect.
1699	D71PXI-24	7/24/2025	Drive to SMS and pick up new belt. Go to unit set up work area, recover refrigerant change out A/C compressor, install new belt, charge A/C fire up unit, a/c would not work, trace all wiring found the issue was the relay for the compressor clutch had failed. jump relay so A/C will work until we get a new one. Clean up re assemble guarding ect
1699	D71PXI-24	7/27/2025	Drove to unit. Added coolant as needed. Helped with morning run. Inspected unit. Also fuelled, greased and inspected. 1678, 1018, 1701.
1699	D71PXI-24	7/28/2025	Daily shift change check over and fluids top up.
1699	D71PXI-24	7/28/2025	Morning inspection, grease, fuel. Deficiency checklist.
1699	D71PXI-24	7/30/2025	Daily check over and inspection. Clean undercarriage.