

Unit	Model	Date	Work Order Details
1690	D71PXI-24	6/23/2023	Op shut unit off for a reset and could not fire back up. Looked over all switches and emergency shut off switches. Unit has no posy air shutoff. Tried cranking over again and unit finally went after a few trys. Could be losing its prime
1690	D71PXI-24	6/23/2023	Get unit running from no start
1690	D71PXI-24	6/23/2023	Check unit found code LO1-CA1117, did hard reset and unit had a hard time starting, unit 1699 is throwing same codes, I don't have these units on my laptop to diagnose further
1690	D71PXI-24	6/23/2023	Dozer shit down for fuel and would not start. Checked for positive air shut off - not installed. Reset to masters. Machine started. Went back to work for 30min and low power is back. Scan for codes.
1690	D71PXI-24	6/24/2023	Unit apparently wouldn't start. Got to unit and it fired right up
1690	D71PXI-24	6/24/2023	Complaints of no start after getting fuelled . Did master reset and primed fuel few times . Ended firing up, further diagnosis needed Sent back to work
1690	D71PXI-24	6/24/2023	Drove to unit and helped get running
1690	D71PXI-24	6/24/2023	Until wouldn't start again after fueling. Primed and kept trying till she fired
1690	D71PXI-24	6/25/2023	Unit is hard starting. Wttempt to diagnose issue. Operations was adimittent on unit running. Further diagnosis required
1690	D71PXI-24	6/25/2023	Drive to unit and help get running
1690	D71PXI-24	6/26/2023	Remove ripper hose. Oring damaged. Remove fitting clean and replace orings. Torque to spec and test operation - no leaks. Unit repaired back to work.
1690	D71PXI-24	7/3/2023	Unit hard start. No start. Order parts.
1690	D71PXI-24	7/3/2023	Tested unit, over hours for service, got lube to change filters and tested
1690	D71PXI-24	7/3/2023	Complaints of no start , machine was being used last night . Got it going and ordered fuel rail pressure sensor
1690	D71PXI-24	7/5/2023	-check codes, low rail pressure -check over unit, try to start, no start. Not building rail pressure -prime fuel system, still no start
1690	D71PXI-24	7/11/2023	Checked over unit didn't find any issues Unit started up fine
1690	D71PXI-24	7/20/2023	Replaced faulty roller , right side 2nd to last roller Blocked up machine tapped and cleaned holes . Installed roller w/ neverseize . Torqued bolts 345ft/lbs . Tensioned tracks and checked over rest of machine before calling back up
1690	D71PXI-24	7/20/2023	Replace bottom roller. Perform pre work inspection. Units a go
1690	D71PXI-24	7/20/2023	Drive to machine to weld bolts out for Tyler. Just needed some tap action lent him a tap

1690	D71PXI-24	7/22/2023	Complaints of GPS not working , cylinder sensor not communicating and doing reset , sent in request for schematics . Told operator to use steaks for time being
1690	D71PXI-24	7/22/2023	Communication code with GPS. Could not get unit to communicate
1690	D71PXI-24	7/28/2023	Cleaned grounds check wiring and tested seemed fine after cleaning the grounds
1690	D71PXI-24	8/6/2023	Unit has low fuel pressure codes aswell as an scr issue. Changing fuel filters got rid of fuel pressure codes. Ran Regen and other scr related tests. Unit good to go..... Return later in day as fuel pressure codes returned. Troubleshoot and suspect low pressure lift pump maybe faulty. Sms to troubleshoot further.
1690	D71PXI-24	8/6/2023	Help Ben t/s
1690	D71PXI-24	8/11/2023	Assist sms with cab removal for fuel line repair
1690	D71PXI-24	8/13/2023	Had l01 and l03 codes. Found they were both for lown common rail pressure.
1690	D71PXI-24	8/13/2023	Assist sms with cab install
1690	D71PXI-24	8/13/2023	Look at unit for active faults. Issue still present from Komatsu warranty work. Lock Unit out
1690	D71PXI-24	8/18/2023	Check over. Unit hard starting and needs edges
1690	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
1690	D71PXI-24	8/28/2023	Continue with diag unit dose not want to prime and start
1690	D71PXI-24	9/4/2023	Continue with diag on unit
1690	D71PXI-24	9/11/2023	DEF injector over heat, AS10KM is the code Ran a burn and cleared codes, operators need to let the units run for 5 minutes at idle before shutting them down
1690	D71PXI-24	9/20/2023	Tshoot codes, repaired open connector
1690	D71PXI-24	9/22/2023	Inspected belly pans and sump area for build up of peat debris
1690	D71PXI-24	9/27/2023	Complaints of guard falling off . Inspected and found guard bent / damaged . Missing bolts . Rear roller and second last roller needing replacement and new hardware . Left side last rear roller outter bolt heads broke off . Will need extraction from day shift New rollers , guard and hardware order put in Under carriage in need of thorough inspection
1690	D71PXI-24	9/27/2023	Drive to x4. Help check over. Unit down parts needed
1690	D71PXI-24	10/3/2023	Lifted and blocked up, loosened tracks pull rollers off try to drill out and extract, didn't work tried to weld out didn't work. Co worker came to help and drilled hole out broke tap in hole had to extract tap. Will need to be drilled up to m20 or heli coiled
1690	D71PXI-24	10/3/2023	Take jayden some more blocks for blocking up for rollers
1690	D71PXI-24	10/4/2023	Assist with removing broken bolts and change rollers + bolts
1690	D71PXI-24	10/4/2023	Help change out rollers

1690	D71PXI-24	10/4/2023	Extracted broken bolts, tapped holes, installed 2 new rollers
1690	D71PXI-24	10/4/2023	Travel to unit was trapped in convoluted mess of too many people congested where the equipment is staged, finally after others left extracted broken bolt, and install 2 rollers torque to 300'lbs
1690	D71PXI-24	10/9/2023	Check for missing bolts on roller. Check cutting edges for wear or missing bolts.
1690	D71PXI-24	10/25/2023	Inspected rollers where guard is being installed no cracking or issues found. Release pressure on track, lift unit up and slide guard underneath. Lift guard into place and secure. Lower unit back down and tension track.
1690	D71PXI-24	10/30/2023	Air hammer buildup around nuts, remove old cutting edges, buff mating surfaces on blade and cutting edges. Install new corner bits, flip cutting edges.
1690	D71PXI-24	11/5/2023	Weld ice lugs
1690	D71PXI-24	11/5/2023	Welded on new ice lugs
1690	D71PXI-24	11/8/2023	Check over unit
1690	D71PXI-24	11/10/2023	Located unit for ops , checked over
1690	D71PXI-24	11/18/2023	Repair coax end
1690	D71PXI-24	11/24/2023	Rubbed hot wire, routed bad. Shortened and re routed hot wire
1690	D71PXI-24	11/29/2023	Drive to unit and check codes. Water in fuel and def injector overheat. Inspected water in fuel canister. Was unplugged, cleared faults and code was no longer present
1690	D71PXI-24	12/1/2023	Blade lift cylinder retainer bolts broke off. Extract bolts and install new ones
1690	D71PXI-24	12/7/2023	Check over unit all good
1690	D71PXI-24	12/8/2023	Assist other tech with cab mount inspection
1690	D71PXI-24	12/8/2023	Check cab mounts all good
1690	D71PXI-24	12/8/2023	Assist with checking cab mounts
1690	D71PXI-24	12/8/2023	Get to unit check over thought cab was loose pull floor and stuff out behind the seat to gain access to cab mounts check them were all tight, check another similar unit to see if it had same amount of play it did, put unit back together
1690	D71PXI-24	12/8/2023	Checked cab mounts
1690	D71PXI-24	12/29/2023	Travel out to the unit mounts are tight cab still moves went and checked cab movement on the same dozer in the yard it has the same movement
1690	D71PXI-24	12/29/2023	Helped rob replace hydraulic line
1690	D71PXI-24	12/29/2023	#NAME?
1690	D71PXI-24	12/29/2023	Pins not taking grease. Removed nipples/adjusted blade and ripper table. Takes grease

1690	D71PXI-24	12/29/2023	Cab mounts came loose tightened front cab mounts. Rear cab 1/2 inch gap between the mount and plates
1690	D71PXI-24	12/29/2023	Diagnose cab loose, look up in service manual and inspect for broken/missing parts.
1690	D71PXI-24	12/29/2023	Travel to other side of bridge inspect unit, found ripper hose damaged come back to laydown take hose from another unit and go back and install on unit
1690	D71PXI-24	12/30/2023	Inspect and torque cab mounts still loose put cab back tougher and order parts. Replace track pad
1690	D71PXI-24	12/30/2023	Tighten up rear cab bolts unit needs new isolators for cab mounts. Replaced broken track pad and hardware
1690	D71PXI-24	1/1/2024	Check over unit all good
1690	D71PXI-24	1/9/2024	Drive to and finish removing blade tilt lines. Clean out where they go real good and bring lines back to yard to get new ones made up
1690	D71PXI-24	1/9/2024	Chip out frozen dirt found leak start to remove hoses found more frozen could not get lines out
1690	D71PXI-24	1/10/2024	Made hoses, wrapped with plastic, installed on machine, got hydraulic filled, lube guys lost piece in tank, sucked out tank and removed suction and extracted piece. Refilled, tested machine for leaks.
1690	D71PXI-24	1/16/2024	Diagnose fuel leak on unit. Inspect in and around engine, remove belly pans and dig out built up dirt and debris. Run unit and locate leak. On left side of unit fuel hose is leak. Hose runs all the way back to the tank or somewhere around there. Will most likely have to lift cab to replace. Hose has orange flagging tape around it.
1690	D71PXI-24	1/17/2024	Return line to take off head is leaking, clean dirt out of belly pan, trace line. Cab needs to come off to replace SMS is coming out to do mounts ordered hose and will change when they have cab off
1690	D71PXI-24	1/28/2024	Check over unit after rad topped. Unit out of def get def tank filled and sent back to work
1690	D71PXI-24	1/29/2024	Go to unit inspect and dig found def line leaking. Repair front grill and order parts
1690	D71PXI-24	1/29/2024	Drive out to site Set up work area Switch over the lines, so the tilt cylinder moved in the right orientation as the controllers. Clean up.
1690	D71PXI-24	1/29/2024	Sent out to site Def issues: Removed panels Topped off def tank Pressure tested unit Found high pressure line to scr injector cracked and leaking out. Straighten bent covers and panels
1690	D71PXI-24	1/30/2024	Continue with def diag remove scr temp sensor
1690	D71PXI-24	1/31/2024	Drive out to unit and install scr temp sensor

1690	D71PXI-24	2/2/2024	- drove out to the end off the 117 - welded broken def bracket and horn bracket - helped remove def line
1690	D71PXI-24	2/2/2024	Start to remove def line remove all paneling and remove floor drop belly pans
1690	D71PXI-24	2/3/2024	Shift start up Morning line up Drive out to site Dig out out stump pan remove final bolt Pull def line. Installed new def line, pressure test unit. Regeneration. Clean up
1690	D71PXI-24	2/3/2024	Install new def line and reinstall floor and all panels. Run regen and test all good
1690	D71PXI-24	2/5/2024	Drive to unit, check over. Edges nearly done. Already flipped
1690	D71PXI-24	2/9/2024	Remove pin retaining hardware, crane scarifiers out, flip and reinstall.
1690	D71PXI-24	2/10/2024	Arrive at unit, locate leak. Clear area around fittings, remove hose, cap fittings. Travel to laydown, build new hose, travel back to unit. Install hose, test unit for leaks, no leaks.
1690	D71PXI-24	2/11/2024	Operator complaint of no power. Got to unit and ran functions. Everything extremely slow. Code on screen for engine issues. Fan running none stop and stealing hydraulic power. Searche duo code and possible ecm issue.
1690	D71PXI-24	2/11/2024	Loosen off tracks and remove roller guard hanging off. Inspected undercarriage and found it needed a complete undercarriage change out.
1690	D71PXI-24	2/11/2024	Loosen tracks and remove rail guard. Got called back to unit shortly after with complaints of not steering left. Checked over has very little hyd function and will not move unless revved out. Code for ecm partial data lost. All visible wiring looked good. Needs further diag
1690	D71PXI-24	2/13/2024	Removed charge and return filter. Cut and inspected and found no metal or debris. Replaced filters. Unit has slow or no implement function and no drive function. Charge pressure is at 24 psi. Spec is 500psi. Suspect failed safety valve in charge circuit. If you remove bottom cover under rad it is attached to cooler bypass manifold. Hydraulic oil is drained.
1690	D71PXI-24	2/14/2024	Check over unit for low charge pressure. Inspect safety valve, load sense relief, main relief, both motor reliefs for faults. Main hydraulic pump at 20 MPA and charge pressute at 70 psi while idling. Will continue to look for root cause.
1690	D71PXI-24	2/14/2024	Continue on with the diagnosing of the low charge pressure and no hydraulic or travel functions on the dozer
1690	D71PXI-24	2/15/2024	Test for no charge pressure/no hydraulic response.
1690	D71PXI-24	2/15/2024	Genuine testing for low charge pressure no hydraulic functions. No travel. Adjust charge pressure. No change's. Cap off. Load sent dump valve. Still no hydraulic response.

1690	D71PXI-24	2/16/2024	Cap all load sense lines to determine leakage of load sense pressure. With all load sense lines capped, pressure at charge pump control valve still 75 psi. Inspect charge pump solenoid, bench test ok.
1690	D71PXI-24	3/8/2024	Install all the stump pans, floor pan panels, final drive motor covers. drain the oil from the final drives and remove the sun gears and put them in the cab. Get it ready for trucking.
1690	D71PXI-24	3/9/2024	Perform a demo on the unit. And assist in trucking to help load. The unit out is dead.
1690	D71PXI-24	3/24/2024	Chip tracks and spot for loader operator, unit had sun gears removed and needed to be pushed to wash bay.
1690	D71PXI-24	3/24/2024	Prep machine to move to washbay, use loader to move to wash bay, move dozer back to lineup Put panels in cab
1690	D71PXI-24	4/16/2024	Fire up machine, check all functions Remove front grill to be repaired, weld nut to be able to bolt it down, Tap and remove broken bolts from belly pans Make list of parts that need to be ordered Loosen off left truck to remove track guard to extract bolt out
1690	D71PXI-24	4/17/2024	Bring front grill over to welder to be repaired Install new 2 way bracket Top up coolant Try to extract last bolt from track frame, call welder to extract bolt
1690	D71PXI-24	4/17/2024	Straighten and repair engine cover.
1690	D71PXI-24	4/23/2024	Determine scope, bring to weld shop, help with front grille
1690	D71PXI-24	4/23/2024	Repair engine cover. straighten mount for engine cover.
1690	D71PXI-24	5/7/2024	Repair grill
1690	D71PXI-24	5/8/2024	Build spill guard and remove broken bolts
1690	D71PXI-24	5/18/2024	Helped Dwayne place unit on blocks and split track to replace broken rollers
1690	D71PXI-24	5/18/2024	Set up work area, walk over to unit parked behind welding shop, read over paperwork and do a quick visual inspection, left side track needs tightening, grab lube truck, tighten left track, top up engine and hydraulic oils, start unit and take over to undercarriage pad, grab blocking put unit up on blocking, locate parts ordered for unit and bring to pad, split tracks on right side, remove damaged roller, broken bolt on frame, worked on removing bolt but unsuccessful, will attempt again in the morning before going to welders, remove broken bolt on ripper shank keeper plate and install new bolts, replaced fuel cap and put in strainer ordered. Clean up work area
1690	D71PXI-24	5/19/2024	Extracting broken bolts
1690	D71PXI-24	5/19/2024	Helped Dwayne try and extract broken bolts

1690	D71PXI-24	5/19/2024	Set up work area, scrape off worn unit number and logo decals, replaced with new, remove broken def cabinet latch, install new one, install missing grease zerks, look up part numbers for filters needed for service and cutting edges, place order, work on removing broken bolts in right side frame, clean up
1690	D71PXI-24	5/20/2024	Set up work area, extract broken tap out of guard bolt hole, clean out holes, install roller, torque to spec, remove old cutting edges, clean and prep surfaces, install new cutting edges, torque to spec, clean up
1690	D71PXI-24	5/21/2024	Set up work area, extract broken bolt on keeper for tilt cylinder, clean out holes and install new bolts, change out filters ordered for service, pull samples on engine and left final, look up torque specs and part numbers for master pad bolts, grab bolts needed from parts, install guard on right side frame, line up track, clean and prep surfaces, install right side track, torque master pad bolts to spec, tighten track and grease machine, found 3 points that won't take grease, will address tomorrow morning, clean up
1690	D71PXI-24	5/22/2024	Pull unit from blocks. Tidy work area. Bring unit to shop for D11 to use pad. Removed lower main pins. welded flat bar to hitch for press to pushh from with porter power with heat. Cut off welded flat bar. Drilled out grease holes re installed pins and made sure unit took grease. Removed angle cylinder due to bad bearing. Used 50 ton to remove angle cylinder pin
1690	D71PXI-24	5/22/2024	Set up work area, pull plugged ripper pins, cleaned up pins and bushing cavities, reinstall pins, greased points and they took, fill out and submit service paperwork, trouble shoot horn, need new one, removed tilt cylinder, needs new bearing, pin is good, looked up parts and placed order, removed bearing from cylinder, snap ring slot is mushroomed due to faulty bearing, cleaned up cylinder and took over to welding shop for repair, do demobe and update outstanding repairs paperwork, paperwork left inside cab, clean up work area. Unit is on hold until parts arrive.
1690	D71PXI-24	5/26/2024	Help install blade adjustment bone and angle cylinder bearing and install cylinder on unit.
1690	D71PXI-24	5/26/2024	Set up work area, clean out tilt cylinder pin and make sure it takes grease, pick up cylinder from welding shop and bring to work area, clean surfaces, install new bearing, install cylinder and guards, clean out can, remove outer shanks from ripper, tooth pins are seized in shanks, cut out teeth and pins, install shanks in proper orientation, clean up
1690	D71PXI-24	5/28/2024	Install new horn

1690	D71PXI-24	5/28/2024	Grab horn that came in from warehouse, remove old and install new horn, install ripper teeth, one ripper tooth still to be installed waiting on pin to come in, put remaining tooth in cab, updated paperwork, pulled unit out of shop and parked outside.
1690	D71PXI-24	5/30/2024	Installed ripper tooth and moved to up line and cleaned out tracks
1690	D71PXI-24	6/30/2024	Went to unit to do inspection but inspection was already done tested a/c to be charged in the morning.
1690	D71PXI-24	7/1/2024	Moved unit to shop to charge a/c charged and put back in lineup
1690	D71PXI-24	7/1/2024	Worked with Aaron, grabbed unit from up line and brought to shop, charged up a/c, tested unit a/c works, move unit back to up line.
1690	D71PXI-24	7/5/2024	Setup unit for repair. Disconnect and remove engine enclosure. Disconnect harnesses and lines and pull back. Unbolt and remove emissions assembly and bracket. Blow off top of engine, remove valve cover. Rotate engine to #1 TDC, set first half. Rotate to #6 TDC, set second half. Intake spec .012", exhaust .022" - all were close, set to spec. Cleaned and reinstalled valve cover, began reassembling. Craned emissions assembly back in place. Cleanup.
1690	D71PXI-24	7/6/2024	Continue reassembling. Bolted down emissions assembly, routed and secured harnesses and lines, cleaned hardware and bolt holes, craned engine enclosure into place and bolted down. Connected all lines, fuel filter and intake piping, reinstalled guards and panels. Ran unit to verify repair - no running issues or leaks. Cleanup.
1690	D71PXI-24	7/11/2024	Troubleshoot and repair ac , broken wire to compressor
1690	D71PXI-24	7/19/2024	Leak at ripper repair with top up in remote area
1690	D71PXI-24	7/22/2024	Not functioning correctly, needs new antenna. Crimped new coax end
1690	D71PXI-24	8/16/2024	Undercarriage badly worn causing binding effect on RH track from worn ideler and bend track pads. With travel
1690	D71PXI-24	8/29/2024	Steam undercarriage, setup unit on blocks, remove & wrap tracks, remove all guards, rollers, idlers, segments. Cleanup area.
1690	D71PXI-24	8/29/2024	Wash and strip undercarriage
1690	D71PXI-24	8/30/2024	Remove broken bottom roller bolts from LH track frame
1690	D71PXI-24	9/3/2024	Start prepping for installing undercarriage
1690	D71PXI-24	9/6/2024	Clean undercarriage and start putting on rollers.
1690	D71PXI-24	9/7/2024	Continue on undercarriage
1690	D71PXI-24	9/8/2024	Continue on undercarriage assembly.
1690	D71PXI-24	9/9/2024	Continue on undercarriage

1690	D71PXI-24	9/10/2024	Start to put on tracks.
1690	D71PXI-24	9/13/2024	Travel, assisting with assembly of undercarriage
1690	D71PXI-24	9/13/2024	Travel to unit. Finish wrapping tracks and torque master links.
1690	D71PXI-24	9/13/2024	Wrap track, torque and tension
1690	D71PXI-24	10/7/2024	Travel to unit. Complaint of tracks binding. Found rails to be contacting guards. Attempt to adjust but guards will need trimming to stop rubbing.
1690	D71PXI-24	10/8/2024	Trim track gaurds with torch to stop scrubbing
1690	D71PXI-24	10/11/2024	Travel to unit. Look for guard to put back on. Tried to get ripper pin to take grease. Needs pin pressed out and cleaned.
1690	D71PXI-24	10/11/2024	Service
1690	D71PXI-24	10/15/2024	Steering issue, testing unit and adjusting steering in service menu, got called away
1690	D71PXI-24	11/6/2024	Travel, testing unit and has a surge in track speed and turning, making adjustments in settings, adjusted tiller in service menu and sent to work
1690	D71PXI-24	11/7/2024	Find unit and change filters. Was called away before I could troubleshoot issue further. Crossover filters to Service 2 cut open
1690	D71PXI-24	11/8/2024	Travel, L03 code, diagnosed plastic price that secures throttle switch busted causing throttle dial to turn to far throwing code- order new piece
1690	D71PXI-24	11/12/2024	Travel, modified LH interior cover to resecure throttle dial, secured throttle dial and reinstalled into unit, checked to make sure working properly and is, operator equipment checklist hasn't been getting filled out
1690	D71PXI-24	11/16/2024	Troubleshoot engine surge issues, found throttle dial causing issue, needs to be replaced
1690	D71PXI-24	11/16/2024	Travelled to unit and chip out final drive and replace guard
1690	D71PXI-24	11/16/2024	Chip away frozen dirt and reinstall rock gaurd with travel and new hardware
1690	D71PXI-24	11/18/2024	Start welding corks till Forman needed machine
1690	D71PXI-24	11/20/2024	Travel to unit. Complaint of intermittent error code - checked codes through service menu, most recent code for HST charge pressure low. Checked hyd oil level - low. Looked around machine and found hyd filter leaking steadily. Removed filter and found oring missing. Searched for oring, ended up cutting a bigger oring to fit and reassembled. Had hydraulics topped up and released unit to work until service could replace oring.
1690	D71PXI-24	11/21/2024	Ice lug machine. Repair and install RH cylinder guard.
1690	D71PXI-24	11/26/2024	Get logged codes off unit.
1690	D71PXI-24	11/28/2024	LO4 lock out scr. Try to get to temp to do scr performance test but derated and locked out of tests. Tarp up and heat trailer on unit. With travel

1690	D71PXI-24	11/28/2024	Pulled codes from unit ,start looking for visual problems
1690	D71PXI-24	11/29/2024	Travel, brought up codes on unit DEF injector failure code, removed panels to access injector and removed, was plugged, cleaned injector and removed supply line- line clear, reinstalled injector and tested- still injector failure- ordered
1690	D71PXI-24	11/30/2024	Travel, installed new DEF injector- old one was plugged already after being cleaned, started unit still locked out, trying to perform tests and resets but still locked out
1690	D71PXI-24	12/17/2024	Boost/start
1690	D71PXI-24	12/17/2024	Charge the battery. Put heater warmer up engine start unit
1690	D71PXI-24	12/24/2024	Travel, reconnected blade lever to blade control valve
1690	D71PXI-24	12/24/2024	Blown RH blade angle hose. Dig out and remove. Clean out more dirt and mud before reinstalling new hose. Reinstall and test
1690	D71PXI-24	12/27/2024	Replace pins and bushings on tilt cylinder
1690	D71PXI-24	12/28/2024	Flip cutting edges with travel
1690	D71PXI-24	12/29/2024	Complaint of error codes on unit. Travel to unit, check codes - none active, most recent codes for DEF injector overheat - usually caused by shutting down during regen. Ran unit for 2 hours, ran parked regen when notice came up on screen. No codes coming active, no current running issues. Wrap up.
1690	D71PXI-24	1/6/2025	Travel to unit and warm up. Checked codes and found def injector tip blocked. Cleaned and tried to run tests. Finally got code to clear but after working unit and getting up to operating temp still couldn't get unit to regen think soot level to low so sent to work.
1690	D71PXI-24	1/10/2025	Install plastic cover for throttle
1690	D71PXI-24	1/11/2025	L04, add DEF and run system functions test and purge system until code clears and allows a regen, do regen, operations take unit and working all night
1690	D71PXI-24	1/11/2025	Travel, L04 code for low DEF level, waited for DEF and filled tank, started unit and let pump prime- codes went away on there own
1690	D71PXI-24	1/11/2025	Defrost def tank go look for heater light plant for burners out of fuel get fueled up fire up burners thaw tank abit drain def tank got so far heaters quit working walked dozer to another heater run tests
1690	D71PXI-24	1/12/2025	Service
1690	D71PXI-24	1/15/2025	Travel, start unit get codes, DEF low prime pressure, perform tests in service, shut off unit and let purge complete, fire up and let pump prime, code gone, tested no codes activate
1690	D71PXI-24	1/22/2025	Drive to the Unit charge Battery Start Live ran.

1690	D71PXI-24	2/3/2025	Run unit warm up unit force regen injector malfunction code about to hook up insight ,had to go help with stump pan
1690	D71PXI-24	2/4/2025	Travel, removed DEF lines and cleared, removed injector and checked- clean, reassembled and started, ran unit up to temp and codes disappeared
1690	D71PXI-24	2/7/2025	Travel to unit and check over unit. Warm up to try and run tests on dpf system. Removed injector and cleaned tip got tank up in temp to test def pump but wouldn't let me. Tried to check resistance on injector but to warm for accurate measurements
1690	D71PXI-24	2/8/2025	Continue tested def system. Found def injector to be out of allowed range so ordered parts.
1690	D71PXI-24	2/13/2025	Replace dec injector heat engine start test do burn code gone for 5 min and lo4 popped up
1690	D71PXI-24	2/14/2025	Replace def injector heat engine start test unit get unit up to temperature do. Burn code was gone for 5 min then popped up LO4 done some tests could not find the issue
1690	D71PXI-24	2/19/2025	Troubleshoot and repair engine derate codes
1690	D71PXI-24	2/22/2025	Travel to unit for complaint of jerky and surging travel. Warmed up unit and test drove, found steering and braking jerky - observed pressures spike in reverse direction when hitting decelerator, RHS pressure approx 400psi higher in forward and reverse. Played around with calibrating, was able to calibrate brake pedal, forward and reverse pump pressure. Began travel motor calibration but unable to complete in area. Found brake control calibration but was unable to initiate - need further tech info. Test operated again - steering is much smoother but decel is still too rough and still surges while travelling. Released to ops for now, need to continue calibrating & troubleshooting.
1690	D71PXI-24	3/11/2025	Troubleshoot fuel issues
1690	D71PXI-24	3/17/2025	New set of cutting edges, cut most bolts off with torch due to excessive wear. RH angle cylinder starting to leak out gland
1690	D71PXI-24	4/21/2025	Chipped tracks
1690	D71PXI-24	4/29/2025	Steamed uncarrriage and body
1690	D71PXI-24	5/13/2025	2000hr mechanical pm Changed over edges
1690	D71PXI-24	5/19/2025	Remove and replace right angle cylinder
1690	D71PXI-24	5/24/2025	Sample engine oil and submit
1690	D71PXI-24	6/4/2025	Travel, check a/c and top up a little bit, more the unit runs the weaker a/c gets, disassemble unit to find water valve and test, coolant temp control valve faulty- ordered new one, reassemble unit
1690	D71PXI-24	6/4/2025	Troubleshoot and order parts for A/C

1690	D71PXI-24	6/7/2025	Travel, remove floor boards and replace coolant temp control valve to heater core and test- good, reassemble unit
1690	D71PXI-24	6/22/2025	Service
1690	D71PXI-24	6/22/2025	Service
1690	D71PXI-24	6/29/2025	Found oil leak in front of dozer , removed inspection cover and seen belly pan was full of oil , checked engine oil levels found to be good , in history it shows a 250 service just completed on unit so guessing it was left over oil from service