

Unit	Model	Date	Work Order Details
1709	D71PXI-24	6/17/2023	I hope this is the right WO Line. Preform demob.
1709	D71PXI-24	6/21/2023	Walk to shop split tracks clean up and start removing idlers
1709	D71PXI-24	6/21/2023	Get machine into shop. Clean out mud best we could and spilt tracks for idler replacement
1709	D71PXI-24	6/23/2023	Wrapped tracks on unit
1709	D71PXI-24	6/24/2023	Removed idlers
1709	D71PXI-24	6/24/2023	Removal of idlers
1709	D71PXI-24	6/25/2023	Pulled idlers, prep for new idlers to be installed. Clean up and prep to pull rollers, started pulling rollers
1709	D71PXI-24	6/26/2023	Get rails pulled. Remove L. Bottom rollers. Tap all holes. Find parts and bring to shop. Dispose scrap steel. Install roller & torqued to spec. Install Idler. Clean up work area.
1709	D71PXI-24	6/26/2023	Pulled and installed new rollers, pulled rollers off tapped each hole and prep surfaces. Installed new rollers and torqued to spec on LH frame
1709	D71PXI-24	6/27/2023	Finish R. Side rollers & idler. Prepare crossover notes
1709	D71PXI-24	6/27/2023	Pulled and installed new rollers on RH frame, tapped and prepped holes and surfaces, installed new idlers all torqued to spec, prepped to wrap tracks
1709	D71PXI-24	6/27/2023	Welded last gaurd on frame. Other gaurds already welded.
1709	D71PXI-24	6/28/2023	Finished wrapping tracks, had tough time hitting grease into track tensioners, grease now free, tracks set to good tension torqued to spec, pulled machine out of shop, demob inspection.
1709	D71PXI-24	6/28/2023	Helped install tracks removed off dunnage
1709	D71PXI-24	8/1/2023	Mobin machine
1709	D71PXI-24	8/21/2023	Drove across the mine, Set up safe work area and did Demob on unit
1709	D71PXI-24	8/22/2023	Mob in dozer, top up final and install site 2 way
1709	D71PXI-24	9/18/2023	Make a retainer for pin, remove broken bolt, move pin rh side to the right spot and install retainer
1709	D71PXI-24	9/29/2023	Helped another tech install bushing
1709	D71PXI-24	9/29/2023	Complete MOB inspection.
1709	D71PXI-24	9/29/2023	Followed mob in sheet Removed floor boards to find unit is hydrostatic Greased unit and checked fluids as per Ron
1709	D71PXI-24	10/5/2023	Travel to unit set up to change edges installed new edges cleaned up work area
1709	D71PXI-24	10/8/2023	Gouge off old blade skin,clean area,cul holes in new one ,set in place,had to stop no loader so I put corks on for rest of night

1709	D71PXI-24	10/9/2023	Fit skins and weld out skins
1709	D71PXI-24	10/9/2023	Finish skins and Weld some corks
1709	D71PXI-24	10/10/2023	Weld ice lugs on machine
1709	D71PXI-24	10/11/2023	Check blade tilt cylinder bearings for play. Found barrel end wore out and rod end with minimal play. Rip unit apart and replace both bearings,snap rings, pins and seals. Assemble unit and grease. Sent unit to work
1709	D71PXI-24	10/18/2023	Check for hydraulic leak. Filter seal leaking. Lube to bring new filter and seal.
1709	D71PXI-24	10/18/2023	Remove roller as instructed. Need new roller and 4 bolts.
1709	D71PXI-24	10/19/2023	Adjust track.
1709	D71PXI-24	10/20/2023	Install roller
1709	D71PXI-24	10/26/2023	Replace fuse. Checked other things on defici list. All were fine.
1709	D71PXI-24	11/1/2023	Looked for parts.
1709	D71PXI-24	11/1/2023	Removed hydrostatic filter canister. Took back to yard to locate: filter and o rings. Could not find the correct replacements. Talked with management: filters are on order. Clean up for the end of the day.
1709	D71PXI-24	11/2/2023	Installed a new high pressure hydraulic filter
1709	D71PXI-24	11/11/2023	Setup for edges, flip edges and replace corner bits and hardware. Load plates, blocking and stands. Head to yard and put everything back. Clean out truck.
1709	D71PXI-24	12/9/2023	Load edges and hard ware, head to unit, change edges, head back to yard and unload scrap
1709	D71PXI-24	12/9/2023	Change edges
1709	D71PXI-24	12/10/2023	Rock guard has broken off all its bolts and gotten bent up, loosened track off and lifted machine to just remove it for now
1709	D71PXI-24	12/20/2023	Wait for operations to give up machine to weld corks they didn't so I left end of the day
1709	D71PXI-24	12/21/2023	Weld corks on machine
1709	D71PXI-24	12/21/2023	Cork unit.
1709	D71PXI-24	12/22/2023	Travel to unit, found def injector over heat warning and def tank pump relay over heat. Codes were inactive when I arrived, pulled panel off def tank and it is full of def but leaking from either fill nozzle of back up pump housing because bottom of compartment was full of crystallized and liquid def. End of day

1709	D71PXI-24	12/23/2023	Troubleshoot def pumpnheater relay code. Check plug at def pump. Clean. Remove pump and clean out dried def surrounding pump. Reinstall. Test heater circuits. No faults found. Pressure up test. Held 900 kpa with no leaks. Replace panels. Send to work. Notify dealer as its under warranty
1709	D71PXI-24	12/26/2023	Load corner bits and hardware, travel to unit and replace corner bits and flip edges
1709	D71PXI-24	1/9/2024	Get running
1709	D71PXI-24	1/9/2024	Heat and start at L3 Drains
1709	D71PXI-24	1/9/2024	Attempt to get unit running- batteries dead get good and charged, setup heater still won't catch get a frost fighter setup on engine.
1709	D71PXI-24	1/15/2024	Tarp in, heat, and start.
1709	D71PXI-24	1/21/2024	Changed cutting edge. Had wrong Center edge. Put purple lock on till edge is installed
1709	D71PXI-24	1/24/2024	Start corking machine
1709	D71PXI-24	1/25/2024	Go to peds flip edge
1709	D71PXI-24	1/25/2024	Replaced edges
1709	D71PXI-24	1/25/2024	Continue welding corks
1709	D71PXI-24	1/26/2024	Finish corking machine
1709	D71PXI-24	2/1/2024	Engine light on. Reset def injector overheat counter.
1709	D71PXI-24	2/5/2024	Find unit in the dark, had code for def injector overheat. Was told to leave it.
1709	D71PXI-24	2/14/2024	Diag and repair
1709	D71PXI-24	2/22/2024	Flip edges install carriers
1709	D71PXI-24	2/22/2024	Flipped edges
1709	D71PXI-24	2/22/2024	Carrier rollers replaced.
1709	D71PXI-24	2/22/2024	Replace carrier rollers and do edge flip
1709	D71PXI-24	3/2/2024	Check oil level, let unit warm up, test unit and once hydraulics warmed up a bit any pump whine was gone, just cold.
1709	D71PXI-24	3/19/2024	Replace edges
1709	D71PXI-24	3/19/2024	Load parts. Change edges at PED 5.
1709	D71PXI-24	3/22/2024	Complaint of chattering. Run unit. Not hydraulic chattering. Found grease nipples missed when greasing. Greased c-frame pins. Chattering noise and vibration gone.
1709	D71PXI-24	4/10/2024	History code for work equipment lock switch. Currently inactive. Codes 6 times in 100 hours. Test switch in monitor. Works every time. Remove panel and check wiring. No problems found. Order switch to have on hand.

1709	D71PXI-24	4/11/2024	Load up parts and stands. Set up dozer and flip edges. New corner bits. Clean surfaces of paint. Red loctite and tighten hardware. Return stands and old corner bits
1709	D71PXI-24	4/13/2024	TS overheat, inspect turbo and egr piping. Clean. Find coolant leak at rad cap neck
1709	D71PXI-24	4/13/2024	Drive to unit. Complaint of overheat. Check for leaks. No external leaks found. Removed Egr cooler pipe at Egr valve. No coolant found. Replaced missing hardware on engine covers and tapped damaged holes. Warmed up and walked machine till engine temp was at 98 and hyd temp at 40. Found rad cap leaking. Let unit cool down and removed cap. Found seal surfaces damaged put jb weld to build up. Unit down
1709	D71PXI-24	4/14/2024	Drive to location. File, sand and scotch brite jb weld to shape for rad filler neck repair. Warm up unit and operate till temp reached 95c engine temp. No leaks found. Unit up.
1709	D71PXI-24	4/17/2024	Replace work equipment lock switch.
1709	D71PXI-24	4/21/2024	Unit slowly loses coolant. Remove egr valve intake pipe (comes from cooler)- dry. Swing fan/ rad guard up. Find rad leaking from core. Try blow through clean side of rad (cab needs to be tilted to access dirty side) bolt guard and fan back down. Order parts.
1709	D71PXI-24	4/23/2024	Open up rear cooling package door for washing out. Reinstall after wash boy was done.
1709	D71PXI-24	4/24/2024	Start up machine and look into over heat issue. Look up and order parts.
1709	D71PXI-24	4/26/2024	6892hrs. Check coolant level. Add 8L of coolant. Warm up unit and check for leaks. Blow out rad. Rad was clean. Use unit for 1.5hrs moving a sand pile in the back of the yard. It did not overheat. Do coolant fan function test. It passed. Cab has no AC. Blow out AC rad. Test fans. Everything looks to work properly. Hook up gauges to check pressures. Could not get low side to register. Will need to diagnose with other gauge.
1709	D71PXI-24	5/2/2024	Replace engine door latch that was ordered.
1709	D71PXI-24	5/6/2024	Unit overheats. Can make it to it just driving it around doing turns. Run reverse fan no change. Remove floor to look in and inspect dirty side of rad- rad is clean. Coolant level ok. Temp gun pipe off thermostat coolant is coming out top of thermostat at 170 degrees F. Suspect low flow. Thermostat previously ordered will change it and go from there.
1709	D71PXI-24	5/7/2024	Lo1 code ca1885 turbo outlet nox sensor, diag, order parts.
1709	D71PXI-24	5/7/2024	Change thermostat, find old thermostat broken and jammed closed. Fill coolant bleed system test drive no longer overheats.
1709	D71PXI-24	5/8/2024	Drive to unit, install nox sensor on turbo side.
1709	D71PXI-24	5/9/2024	Inspect for rough ride, find cab mounts leaking viscous fluid and cab bounces/ rocks very bad. Send parts list

1709	D71PXI-24	5/9/2024	T/s ac, hookup gauges monitor pressures- good- cycles on and off like normal. AC cold at idle, leave on high idle for few min and goes warm. Lookup location of water valve (under floor) remove floor and pinch off hose to water valve. Ac now cold at all engine speeds. Order water valve and check fuses.
1709	D71PXI-24	5/11/2024	Help lift off cab.
1709	D71PXI-24	5/11/2024	Remove cab for cab mount change out.
1709	D71PXI-24	5/12/2024	Help set cab back into place.
1709	D71PXI-24	5/12/2024	Install cab mounts apply loctite to hold down bolts and torque to standard bolt torque. Install cab and install hardware.
1709	D71PXI-24	5/13/2024	Travel to machine and pinch off heater line until water valve arrives. Install floor and unlock unit.
1709	D71PXI-24	5/13/2024	Hookup harnesses, ac lines, heater hoses, bolt cab down install steps and panels, floor. Start check for codes- good.
1709	D71PXI-24	5/13/2024	Install exhaust clamp
1709	D71PXI-24	5/13/2024	Vaccum system, holds Vaccum. Add 1.2kg refrigerant and 2 oz pag oil.
1709	D71PXI-24	5/13/2024	Install missing sight glass in hydraulic tank
1709	D71PXI-24	5/14/2024	Check over GPS system. Everything plugged in and module powered up. Need manual from SMS to continue diagnosing.
1709	D71PXI-24	5/18/2024	Grab parts from HCL. Travel and replace water valve.
1709	D71PXI-24	5/20/2024	Extract bolt and install pin/retainer
1709	D71PXI-24	5/22/2024	500hr service on 1709 at HCL
1709	D71PXI-24	5/22/2024	Completed 500 hr service Did not change outer engine air filter Inner cabin filter due to no stock
1709	D71PXI-24	5/26/2024	Coolant leak. Top up run find leaking at heater hose at front of engine. Install a splice. Fill cooling system and test- ok.
1709	D71PXI-24	5/27/2024	Morning swp. Grab parts. Drive to hcl. Remove and replace edges.
1709	D71PXI-24	5/27/2024	Assist mechanic with edges, buff frog and backside of edges
1709	D71PXI-24	5/31/2024	Replace hardware and angle cylinder retainer plate.
1709	D71PXI-24	6/2/2024	Drive to unit safe out area. Complaint of steam/ smoke from from end. Remove hood panels, fill cooling system, and pressure test. Found leak of def injector coolant line. Removed and clamps and replaced hose with new silicone bulk hose. Reinstalled all clamps. Refilled system, ran up to 50*c and checked for leaks. No leaks found at time of inspection. Unit up.

1709	D71PXI-24	6/4/2024	Complaint of Lh final leaking. Leaking from planetary cover. Clean off and looks like black rtv is blowing out. Check final level but is good. Will need to be resealed
1709	D71PXI-24	6/20/2024	Complaint codes. Nothing active when arrived
1709	D71PXI-24	6/21/2024	1709 was due for a 250 hour service, so I gathered up all the tools needed to do the service, it also required for an engine oil change due to a bad sample, went and picked out the kit but come to find that we didn't have all the filters in stock.
1709	D71PXI-24	6/22/2024	Picked kit. Drove to unit. Set up work area. Lined up finals. Locked out machine. Changed engine oil and filter due to pm asking for it. Took samples of finals and engine oil. Changed outer engine air and cab air filter. Test ran unit. Topped up oil levels. Called unit up and drove back to yard.
1709	D71PXI-24	6/22/2024	Drove Due for a 250 hour service, picked the kit, drove to unit, set up work area. Service called for an engine change, so changed engine oil and filters, samples final drives and changed air filters. Did all running checks and greased machine.
1709	D71PXI-24	6/23/2024	Tighten loose pad bolts
1709	D71PXI-24	6/24/2024	Drive to unit and check over track pads.
1709	D71PXI-24	7/2/2024	1000 hour service
1709	D71PXI-24	7/2/2024	Completed 2 hour service
1709	D71PXI-24	7/3/2024	Complaint of no a/c. Drive to fiesta and machine was running. Operator said a/c working good. Double check myself and it's blowing cold and unit is hot so water valve is not bypassing. Assure condenser fans kick in.
1709	D71PXI-24	7/6/2024	Drive to fiesta. Check pressures, check cab filter which was new. Test unit, ac works fine.
1709	D71PXI-24	7/8/2024	Demob unit. Dry stretched links in both rails.
1709	D71PXI-24	7/13/2024	Removed side panels & stomp pans for wash
1709	D71PXI-24	7/13/2024	Strip side panels and pans for washing
1709	D71PXI-24	8/12/2024	Split tracks put unit on stands wrap tracks
1709	D71PXI-24	8/12/2024	Bring dozer to the shop, put it on stands take the tracks off both took the segments off RH side, look up torque spec in big shop.
1709	D71PXI-24	8/13/2024	Undercarriage
1709	D71PXI-24	8/13/2024	Removed LH side segments and rollers both sides
1709	D71PXI-24	8/13/2024	3 page inspection complete blade/ripper inspection all rollers and idlers removed clean up work area
1709	D71PXI-24	8/14/2024	Undercarriage
1709	D71PXI-24	8/14/2024	Order parts inspection of frames

1709	D71PXI-24	8/14/2024	Fabricate new guard for ripper hydraulics Repair seat mount
1709	D71PXI-24	8/14/2024	Die ground out cracks in final hub r/s, welded, ground to profile. Cut off r/s lower idler slides and welded in fresh ones
1709	D71PXI-24	8/15/2024	Carrier rollers and bottom rollers in place and torque side panels off for drive motor lines
1709	D71PXI-24	8/15/2024	Die ground out cracks in l/s final hub, welded and ground to profile. Welded out broken bolts under r/s track frame
1709	D71PXI-24	8/16/2024	Cut out l/s slides and welded in new ones
1709	D71PXI-24	8/16/2024	Segments on and torqued remaining side panels taken off all 4 drive Motor lines taken off LH/RH
1709	D71PXI-24	8/17/2024	Seat install new blade edges installed start of idler install
1709	D71PXI-24	8/18/2024	Diagnose issue with idlers not lining up with track frame yoke bolt holes with the help of Don K. Yokes are bent. Tried to clock idlers to make up space but no go. Remove yokes from frames, bring to Don.
1709	D71PXI-24	8/18/2024	Help with install of idlers. Found the holes to be way out of alignment. Brough don un to assist with a fix for it.
1709	D71PXI-24	8/19/2024	Straightened yokes
1709	D71PXI-24	8/20/2024	Torque blade cutting edges place RH ideler in spot torque try eh side yoke still bent sent out for repair start of drive line hose install
1709	D71PXI-24	8/20/2024	Extracted idler camming bolt, fixed bore, installed new camming bolt
1709	D71PXI-24	8/20/2024	Blade repair, drive motor hoses and try and reinstall LH idler after bent cannon yoke. Remove and bring back to welders
1709	D71PXI-24	8/21/2024	Straightened yoke
1709	D71PXI-24	8/21/2024	Undercarriage replacement and misc repairs
1709	D71PXI-24	8/21/2024	Undercarriage misc
1709	D71PXI-24	8/22/2024	Drive motor lines blade bushing replaced fire up leak test clean work area
1709	D71PXI-24	8/22/2024	Drive motor hoses and other undercarriage repairs.
1709	D71PXI-24	8/23/2024	Idler final install blade cylinder put back on misc repair
1709	D71PXI-24	8/23/2024	Re install idler, finish blade repairs and prep unit for track install
1709	D71PXI-24	8/24/2024	Wrap tracks both sides only got the right side lined up, tighten not torque yet, took the machine off the stands.
1709	D71PXI-24	8/24/2024	Show pad guys how to install new tracks
1709	D71PXI-24	8/24/2024	Attempt to wrap CAT tracks on Komatsu

1709	D71PXI-24	8/24/2024	Unwrapping tracks placed under unit clean surfaces tap holes take unit of stand wrap tracks
1709	D71PXI-24	8/25/2024	Wrap left hand track. Tap all four master pad holes. Install two bolts until part arrive. Move unit, clean shop
1709	D71PXI-24	8/25/2024	Help shea wrap tracks on the right side
1709	D71PXI-24	8/27/2024	Tapped master link
1709	D71PXI-24	8/29/2024	Blade was lifting slowly when in neutral went into setting on screen lowered the neutral setting stopped blade from creeping up
1709	D71PXI-24	8/29/2024	Disassemble blade lift control found you can not tighten up control reassembled
1709	D71PXI-24	8/29/2024	Straitened door Handel repaired seat back would not lock into place adjusted works ok
1709	D71PXI-24	9/1/2024	Install a/c hose that where used for site filled system
1709	D71PXI-24	9/2/2024	Charge air conditioner it did not work checked fuse and hi and low pressure switch all where good found bad wireing repaired tested worked good
1709	D71PXI-24	9/2/2024	Serviced engine and greased
1709	D71PXI-24	9/2/2024	Instal stump pans and side panels while doing this noticed dpf filter was loose and u clamps missing nuts checked over rest of dpf tightened up clamps
1709	D71PXI-24	9/3/2024	Do demob inspection checked and topped off all fluids preferred new wipers needs fire extinguisher when new one come in adjusted tracks straitened and installed ripper valve gaurd had to reap wholes too adjusted door for engine strained door latch
1709	D71PXI-24	9/4/2024	Cut and fit spill guard. Cut and fit gussets for spill guard
1709	D71PXI-24	9/4/2024	Cut old spill guard off. Clean up Fabricate new spill guard and tack up
1709	D71PXI-24	9/5/2024	Welded on spill rack
1709	D71PXI-24	9/5/2024	inspect and tear down. make parts list.
1709	D71PXI-24	9/5/2024	Weld out and paint spill guard Reinforce grill and paint
1709	D71PXI-24	9/5/2024	Weld rock guard.
1709	D71PXI-24	9/6/2024	repair cracks
1709	D71PXI-24	9/6/2024	test functions, order parts. dissassemble for metal cracks in swivil section.
1709	D71PXI-24	9/20/2024	replace bushings, springs, shock, seat valve. replace swivil bushings. begin re-assembly.
1709	D71PXI-24	9/29/2024	Replacement seat arrived not the proper seat no rider indicator present
1709	D71PXI-24	10/7/2024	Remove after market seat and install original seat finish Demob inspection
1709	D71PXI-24	10/12/2024	Mobilization inspection of of unit, call away half way for another machine, greased unit, replaced missing grease zirks, create parts list

1709	D71PXI-24	10/18/2024	Operator complaint that right hand track is loose, shoveled out clay from track, tensioned track
1709	D71PXI-24	10/19/2024	Drove out to machine, tensioned left track again, ordered new valve, roads are greasy got pulled out
1709	D71PXI-24	10/20/2024	Parts came in from mob in inspection, Installed new rear view mirror, replaced engine serpentine belt, Installed new left hand track adjuster valve, replaced windshield wiper
1709	D71PXI-24	10/23/2024	Complaint of low coolant, checked over machine no signs of leaks, topped off coolant will continue to monitor, boosted rental Argo
1709	D71PXI-24	10/24/2024	Complaint that machine isn't tracking properly, drove out to machine, checked over unit, found that right hand track doesn't seem to have any power when steering, set up area, set up job, pulled oil sample from final drive, pulled cover on right hand final drive, removed outer planetary and inspected final drive assembly, no faults found, checked over hst brake pressure 3mpa when operating left track drops to 1.2 mpa when right track is functioned, stall test on machine found 48mpa rear right and left, 38 mpa front left only 5-8.5 mpa front right, possible epc valve failure? Swapped front right and front left epc valves no change, removed right hand pump epc valve block looking for possible contamination, nothing found, end of night reassembled machine Unit to be sent to pcy tomorrow
1709	D71PXI-24	10/25/2024	Demob machine and remove radio, walk unit back to laydown, lost charge pressure, no implements or travel, called off truck sms to come to site
1709	D71PXI-24	11/1/2024	Permission given to pull final drive and send for rebuild, set up job, set machine on blocking, split and pulled track, removed hydraulic lines and drained oil
1709	D71PXI-24	11/2/2024	Chipped out remaining panels, removed speed sensor harness, removed mounting bolts, set up to pick final drive, housing is tight, was forced to work out of mounting with a port of power, loaded into back of pick up for shipping back to pcy, cleaned up work area
1709	D71PXI-24	11/8/2024	remove flanges from old final drive, clean up and bead blast, install on new final drive, put old final drive in crate and tie down for shipping, wrap new final drive for shipping
1709	D71PXI-24	11/11/2024	install final drive
1709	D71PXI-24	11/13/2024	reinstalled track
1709	D71PXI-24	11/14/2024	taped holes for master pad and installed new hardware
1709	D71PXI-24	11/20/2024	Troubleshoot CA4155 code for def pump heater relay. Remove panel and check plug on def pump. Plug clean and dry. Look through schematic. Continue next day.

1709	D71PXI-24	11/20/2024	Start unit. Walk unit cold and hot. Unit tracks back and forth trying to keep itself straight. Monitor pressures and EPCs. Unit is commanding distract without being commanded by steering joystick. Error code for def heater appeared. Stopped looking at steering. Continue troubleshooting.
1709	D71PXI-24	11/21/2024	Remove panels to find heater relay box. Check wiring to box. Check ground terminal. Order relay box.
1709	D71PXI-24	11/21/2024	Warm up unit and check stall pressures. Both Left and right in reverse are close to relief. In forward the right side is 20 mpa about half and the left spikes to 35 drops as low as 10 and settles at 25-35. Sms to troubleshoot further.
1709	D71PXI-24	11/24/2024	Bring unit into shop and place on tires and blocks. Remove panels. Replace DEF line from joint connector to def injector. Pressure test system to 130 psi. Unit still has ca5115 and ca3563. Test for power and resistance on circuits. No faults found. Move unit outside and let system cool. Clean up bay and restart unit. Inducement faults cleared but ca5115 and half throttle derate remains. Let sit overnight and try again.
1709	D71PXI-24	11/25/2024	Once CA5115 code was repaired, ca4155 came back. Trace harness and found another wire with high resistance from "OEM" connector beside Engine to EG4 under cab. Fuel feed pump has been leaking onto this connector. Overland wire from OEM to UHR1 connector to test. All codes gone. Function test and passed. Order seals to reseal fuel feed pump. 7675 hours
1709	D71PXI-24	11/25/2024	Ca5115 and 3563 still active intermittently after sitting outside overnight. Unit in derate. Bring into shop and remove panels. Check for power and grounds. Swap heater relay. Trace harness and check continuity. Follow harness from Engine ecm to UHR1 plug behind cab. Found high resistance between "OEM" connector beside engine to EG4 connector under cab floor. Look up harness part number and ask for availability. Overland wire from OEM to UHR1 connector to test. Codes inactive. Test heater relay circuit. Passed no codes. Replace panels. 7675 hours
1709	D71PXI-24	11/25/2024	Once unit out of derate. Pulled out of shop and Hydraulics warmed up. Performed HST F and R pump setting and HST motor setting. Retest and unit tracks very straight with hot oil. Retest in the morning with cold oil. 7675 hours.
1709	D71PXI-24	11/27/2024	Rollers are in for warranty, fire up dozer and begin setting up job, called out to the field will continue tomorrow
1709	D71PXI-24	11/28/2024	Changed out rollers for warranty Tightened right track, left track still needs to be tightened Cleaned up

1709	D71PXI-24	11/28/2024	Set up machine on pad, release track tension, found stands for machine, set machine up on stands, removed failed rollers x3 pried rollers out of track group, called out to feild, pack up job and left, came back to job, inserted new roller, Installed with pickle fork and torqued to 300ft/lb, took machine off of stands, attempted to set track tension, left side track is froze up, recomend putting heat to cannon before tensioning in the morning
1709	D71PXI-24	12/2/2024	Check fluids, top up hydraulic, grease unit, start up machine and do checks, fill out paperwork, test run machine, unit is tracking weird, documented and let Erick know, review mirror is broken, look up part and order.
1709	D71PXI-24	12/3/2024	Ice lugging.
1709	D71PXI-24	12/3/2024	Remove broken mirror and install new
1709	D71PXI-24	12/4/2024	Welded ice lugs
1709	D71PXI-24	12/4/2024	Ice lugging.
1709	D71PXI-24	12/7/2024	Mob in unit
1709	D71PXI-24	12/10/2024	250hr service with engine oil and filter change
1709	D71PXI-24	12/11/2024	Check over and ordered parts
1709	D71PXI-24	12/12/2024	Replace blade tilt pin
1709	D71PXI-24	12/23/2024	Diagnose hydraulic leak on left side travel motor. Dig out dirt and mud, run unit and inspect. Found one of the main travel motor lines leaking at flange fitting. Remove line and replace o ring. Have unit filled with hydraulic oil. Run unit and ensure leak is repaired. Reinstall all removed covers.
1709	D71PXI-24	12/23/2024	Chipped mud from final drive cover got it off oil leak was farther in need to heat and clean tracks
1709	D71PXI-24	12/23/2024	Repair leak
1709	D71PXI-24	12/31/2024	500 hours service on komatsu 1709.
1709	D71PXI-24	1/2/2025	Trapped unit in
1709	D71PXI-24	1/2/2025	Tarped in unit
1709	D71PXI-24	1/3/2025	Drove to unit, found line for ripper leaking, replaced o-ring and tested, good to go.
1709	D71PXI-24	1/3/2025	Find leak and repair
1709	D71PXI-24	1/19/2025	-check unit -blade tilt cyl rod pin broken and bearing smashed up -pin broken -order parts
1709	D71PXI-24	1/22/2025	Replaced RH blade tilt pin and bushing. Got fuel and lube to grease pin.
1709	D71PXI-24	1/22/2025	Replace bushing and blade pin with keelan
1709	D71PXI-24	1/24/2025	Bend gaurd and hydralic leak

1709	D71PXI-24	1/26/2025	Assist with relocating unit out of the way of the work area after track broke off. Once relocated tried inspecting for cause of tracks loosening. Most likely tensioner are no good and will need to be replaced.
1709	D71PXI-24	1/26/2025	#NAME?
1709	D71PXI-24	1/26/2025	Cable tracks together order bolts and tap for master link Walk unit out of the way.
1709	D71PXI-24	1/28/2025	Extract broken bolts from track to be put back together.
1709	D71PXI-24	1/28/2025	Tap holes, wrong hardware,
1709	D71PXI-24	1/31/2025	Attempt to install track. Found heater on unit not running, tracks won't loosen.
1709	D71PXI-24	2/1/2025	Re assemble track. Tension
1709	D71PXI-24	2/1/2025	Tap holes on master link, get crane and other tools setup, buff track pad mating surfaces and clean up teeth on master links. Remove grease tensioner valve and push idler all the way in. Wrap track and call for tracks to be tensioned.
1709	D71PXI-24	2/2/2025	Soot load high, performed regen, travel
1709	D71PXI-24	2/5/2025	Removed track and loaded on a trailer
1709	D71PXI-24	2/22/2025	Finning mechanic finished repair, tied up and labeled track with master pad, grab track and hardware box and loaded up on Billy's truck to ship out.
1709	D71PXI-24	2/22/2025	-install LH track -torque master and torque removed pads -tighten track
1709	D71PXI-24	2/22/2025	Travel to machine and get track back onto unit. Took longer had to find an excavator that stayed running to assist in completing the job
1709	D71PXI-24	3/5/2025	Troubleshoot leak from LH final motor, remove track and repair water separator to start and move unit
1709	D71PXI-24	3/5/2025	250hr service with engine oil change
1709	D71PXI-24	3/6/2025	Chip out frozen paneling on final drive and remove for testing
1709	D71PXI-24	3/6/2025	Removed paneling and inspected for leaks
1709	D71PXI-24	3/7/2025	Heat and chip tracks out to remove paneling for travel lines, heat and remove ice from under panelling, repair oring, reassemble paneling
1709	D71PXI-24	3/9/2025	Wrap track
1709	D71PXI-24	3/9/2025	Assist wrapping track
1709	D71PXI-24	3/9/2025	Wrap track on unit and torque master bolts to spec. Have track tensioned and install greaser cover.
1709	D71PXI-24	3/9/2025	Drove to W4 and put track back together and torqued master bolts.
1709	D71PXI-24	3/9/2025	Travelled to W4. Helped get track back together. Torqued to spec. Travelled back to yard.
1709	D71PXI-24	3/23/2025	Chipping them tracks

1709	D71PXI-24	3/24/2025	Waiting for dozer to get to dump laydown, checked levels and filled out checklist.
1709	D71PXI-24	3/25/2025	Drove to the unit set up work area. Chipped dirt around the back of the RH final to get to the hyd line guards. Took one guard out but did not get too far troubleshooting where the leak is coming from hyd tank was empty. Had to go to do other job.
1709	D71PXI-24	3/25/2025	Service call to ditching job in mine. Inspected unit. Pulled right side final cover. Just jammed full of rocks , dirt and sticks. Need Hydraulic oil added to pin point leak We need to pull move covers and possibly undo track and drop belly pan to change hose.
1709	D71PXI-24	3/26/2025	Got hydraulic oil topped up, ran unit found oil coming from right hand final drive. Chipped away all frozen mud in tracks to get the panels, split track to removed panels to get at hoses that were leaking. Removed the hose that was leaking the worst to get built in town and ordered other hoses from komatsu. Removed panels in cab to fix coolant leak at main rad hose. Order pump solenoid as it's leaking as well.
1709	D71PXI-24	3/26/2025	Drove to the unit set up work area. Install hyd line run check machine no leak install all guards and wrap track and torque. Clean up work area.
1709	D71PXI-24	3/26/2025	Service call to ditching job. Put interior back together. Air chisel mud on right side of track frame. Install hose then guards and small belly pan top up all fluids. Install right side track. Call unit up.
1709	D71PXI-24	3/27/2025	On going oil leak at right final. Pull covers and chip dirt and mud out. Run dozer and finally find leak. Change o rings retest and have oil topped up. Put covers back on. Air chisel access to blade hardware. Flip centre section. Installed new corner bits and hardware.
1709	D71PXI-24	3/27/2025	Drove to the unit set up work area had to wait for lube truck to fill hyd to start troubleshooting leak. Found the leak source, fixed it run check no leaks and flipped cutting edges and put new corner bits. Clean up work area.
1709	D71PXI-24	3/29/2025	go to unit @ ditch job, unit had no codes when i got to it, pull up service menu and check wat code it ad thrown, It was AS10NR, 9FQ, AdBlue/ DEF injector high temp warning, code was inactive when i got there, couldn't get it to come back up, unit went back to work.
1709	D71PXI-24	3/29/2025	Service call to ditching job in mine. Replace three teeth
1709	D71PXI-24	3/29/2025	Drove to the unit set up work area. Removed old ripper teeth buffed shanks and put new ones in. Clean up work area.
1709	D71PXI-24	4/1/2025	Luber said they topped up hyd for 2 days in a row. Drove to the unit and did a quick inspection found oil sweats in the middle belly pan but nothing major leaks. We'll cross it to days to monitor.

1709	D71PXI-24	4/1/2025	Service call to ditching job to inspect dozer. Unit had been reported low on oil two days in a row. No new leaks found Coming from front pan. Control valve parts are on order already. Will continue to monitor.
1709	D71PXI-24	4/2/2025	Perform 2000 hour service on unit.
1709	D71PXI-24	4/4/2025	Inspected, cutting edge soon.
1709	D71PXI-24	4/6/2025	Inspection and Tighten left hand track
1709	D71PXI-24	4/6/2025	Service call to dozer on ditching job. Unit derated and engine light on. Find unit low on def fluid. Call fuel and lube to grab def and bring out. Called unit back up b
1709	D71PXI-24	4/7/2025	Inspect for hyd leak. Rear of dozer oily. Run ripper up and down. Not active leaks present. Top of hyd tank full of oil. Looks like tank was overfilled
1709	D71PXI-24	4/10/2025	Inspection of tracks indicated track tightening required. Cleaned tracks to be able to remove grease access points and then pumped up tracks. Replaced access plates and returned to service
1709	D71PXI-24	4/10/2025	Removed grease access plates, Tightened tracks to spec and re installed plates.
1709	D71PXI-24	4/10/2025	Had to chip mud out of my wheels as it was affecting the brakes and transmission, drove all the way up to the dump to then get stuck again, and wait for dozer to walk out from the dump and pull me, then go back down the hill and wait for dozer to show up, clean mud off unit and took cover plate off, tightened up fitting and tightened track took for a victory lap and coworker also took for a victory lap and good to go
1709	D71PXI-24	4/11/2025	Had to split track, clean area best I could by scraping mud off so it would come out somewhat easy, got it out half the way and it got stuck passed onto nights
1709	D71PXI-24	4/11/2025	Drove out to unit checked and found the right hand blade lift cylinder is leaking. Drove back to the laydown found and loaded the new cylinder Drove back out to the unit waited for the lube guys to finish up. Removed the old cylinder and switched over fittings and installed the new cylinder cleaned up tools and area put away my crane and drove back to the laydown and dropped off the cylinder
1709	D71PXI-24	4/11/2025	Inspection of tracks revealed that tightening was required on both sides. Mud was removed and access panel removed and both tracks tightened. Access panels reinstalled and put dozer back in service
1709	D71PXI-24	4/11/2025	Removed debris off of grease access plate, removed access plate and tightened tracks. Re installed access plates and verified tightened tracks.

1709	D71PXI-24	4/11/2025	Loaded up new track adjuster and drove out to the unit. Set up lifted blade strapped the idler and tried to pull it out stuck. Picked up the big tow cable from the laydown hooked it to the d8 pulled it right out. Hooked my crane to the adjuster and pulled it out. Cleaned out all the mud In the track frame and from the idler removed the adjuster rod from the idler. Tried to hammer out the rod from the idler mount bracket but it's tapered and seized on. Tried to heat it up a few times and smash it with the 20lb sledge hammer lots of times didn't budge. Brought it back to the laydown looked around for something to use to press it out nothing around. Took it out to the 1250 Tried to use the bucket to get it out still won't move needs a press. Drove back to the laydown unloaded the new and old adjusters.
1709	D71PXI-24	4/12/2025	Assisted Pat with removal of seized track adjuster, had to hook up a D8 with proper rigging to remove track adjuster from machine. Took idler off and could not get mount off rod end of cylinder. We took over to 1250 komatsu and put inside of a stand and tried pressing it out with the 1250. We could not get it to press out. Will talk with Dane in the am.
1709	D71PXI-24	4/12/2025	Work with mechanic to remove stuck/broken pin from housing, fabricate mount for hydraulic ram to push against, weld mount to housing, heat housing up, mount bent from pressure, welded stiffener plate to support pressure for pushing, reheat housing, pin came out. Gouge/grind off mount from housing, clean up with grinder, remove tacks from stands

1709	D71PXI-24	4/12/2025	Technicians previous shift struggled with removing front idler mounting yoke from broken track tensioner cylinder rod tapered press fit shaft. Set broken rod and yoke up on jack stands and helped welder set up to fabricate strongback out of 3/4" steel plate to attempt to heat and press shaft from yoke with 30ton hydraulic ram. Once welder had strongback welded in place, used two rosebuds to evenly apply heat to yoke in attempt to release interference fit from tapered shaft and press out with ram. Applied 30t force to shaft, strongback plate started to buckle. Got welder to reinforce strongback with additional boxed gusset plate. Applied heat to yoke again and removed broken cylinder rod. Gouge strongback off yoke, clean up mounting face and bolt holes with grinder and carbide burr. Get to Unit to install rebuilt track adjuster/recoil spring assembly. Prep, buff and clean all wear and mating surfaces. Clean out tensioner/Recoil assy housing in track frame. Reassemble front idler and yoke assy to tensioner/Recoil assy. Attempt to install full assembly into track frame. Encountered interference, not allowing assembly to freely bottom out in track frame. Remove assembly and grind off high spots and marred/rolled metal in guide rails. Install front idler/Recoil spring and tensioner assembly. Pull track around and clean up zipper link master link, mate Master link halves and reinstall master pad, master link bolts and torque.
1709	D71PXI-24	4/12/2025	Drove out to unit found the track is still slacked off we tried to adjust it wouldn't hold had to tighten the adjuster. Drove the unit around tracks holding adjustment cleared a flat clean path to work on the 390 released unit
1709	D71PXI-24	4/13/2025	Drove out to the unit found the left track backed off and the lube guys can't get it tight. I cleaned out all the grease Removed the adjuster grease fitting cleaned it out reinstalled and adjusted the track. Test drove unit around for a bit checked track holding it's adjustment reinstalled the cover cleaned up tools and area
1709	D71PXI-24	4/15/2025	Loaded parts and supplies drove out to where the unit should be parked but they left it in the dump. Waited for the unit to come and park then we removed the edges buffed the new edges and the blade. Installed all new edges and hardware cleaned up tools and area loaded all old edges drove back to the laydown and dumped it all in the metal bin
1709	D71PXI-24	4/15/2025	Waited for unit be walked out from dump, cleaned all mud around blade, changed cutting edges.
1709	D71PXI-24	4/16/2025	Replaced the fuel filter and bleed the line. Swapped the gas cap of other dozer due to the fuel pressure line issue
1709	D71PXI-24	4/16/2025	Change the fuel water separator primed it and got it running

1709	D71PXI-24	4/17/2025	T/S engine derate, checked codes and found def injector overheat warning 166 occurrences, reset and checked operation. Found water in fuel code and checked filter bowl, found broken off wires at the sensor. Ordered parts for all.
1709	D71PXI-24	4/21/2025	Shovel tracks for demob
1709	D71PXI-24	4/21/2025	Performed demob, helped shovel tracks, repaired fire ext./tool bracket.
1709	D71PXI-24	4/27/2025	Removed existing radio, and Installed new radio in unit.
1709	D71PXI-24	4/28/2025	Complete
1709	D71PXI-24	4/28/2025	Perform 250 hour service on unit.
1709	D71PXI-24	4/28/2025	Assist service
1709	D71PXI-24	4/28/2025	250 hr service
1709	D71PXI-24	4/28/2025	tear down, and try honing, try to track down old piston, go through history and parts for discrepancy in part numbers
1709	D71PXI-24	4/30/2025	go through btw for previous work, go through parts list, cross reference part numbers
1709	D71PXI-24	5/2/2025	Travel to mrm tailings to check no start after break. Get to machine and check it over. Code for WIF sensor high error active. Check and it's ripped out of connector on fuel pre filter bowl. Not the cause. Bring up monitoring functions. and monitor rail pressure. Crank engine and it starts. Shut down and check air filter. Filter is fairly new but blow out anyway. Check and clean laminar flow screen. Start and stop 8 more time and unit starts every time. Return to maintenance laydown.
1709	D71PXI-24	5/2/2025	assemble, send to shipper
1709	D71PXI-24	5/3/2025	Check cause of bad hydraulic leak on unit. Remove belly pan under dozer. HST pump hose to left travel motor has blown o ring on pump side. Call for lube team to come top up oil. Remove hose and change o ring. Reinstall belly pan. Oil is topped up and tested no further leaks.
1709	D71PXI-24	5/3/2025	add hydraulic and assist mechanic
1709	D71PXI-24	5/4/2025	Replace fuel/water separator sensor
1709	D71PXI-24	5/4/2025	Remove and replace DEF injector, show lube crew how to change water in fuel sensor.
1709	D71PXI-24	5/12/2025	Performing daily morning inspection. Unit low on hydraulic oil, topped up.
1709	D71PXI-24	5/13/2025	Meet escort at permit centre. Get escorted to machine in tailings job. Found left side lower roller missing hardware. Had some on truck. Installed. Machine in overall really nice shape. Get escorted back to permit centre.
1709	D71PXI-24	5/24/2025	Perform valve set on dozer, Repair leaking coolant line. All valves were loose, except one intake valve on #3 hole which was on spec

1709	D71PXI-24	5/25/2025	Perform 500 hour service on unit & drain left final and leave empty for ASMS to change out.
1709	D71PXI-24	5/27/2025	Wash unit
1709	D71PXI-24	5/27/2025	Washing Fueling up and checking over
1709	D71PXI-24	5/28/2025	Check fluids on machine
1709	D71PXI-24	5/28/2025	Check and set all fluids to operating parameters
1709	D71PXI-24	6/1/2025	Remove seat from suspension base. Remove disconnect wiring from suspension base. Remove suspension base from cab. Remove interior cab paneling to access machine ECMs for CAS install.
1709	D71PXI-24	6/2/2025	Fabricate. Cut. Weld and drill custom mounting brackets for Revolution technicians to install CAS system on unit.
1709	D71PXI-24	6/3/2025	Troubleshoot electrical issue regarding park brake for CAS install. Find positive voltage for installers that will work for there needs.
1709	D71PXI-24	6/3/2025	Install cab panels and ensure unit is running no active faults
1709	D71PXI-24	6/4/2025	Track down unit had to go all the way around entire tailings road was dug up. seat valve/ switch is broken, make parts list travel back.
1709	D71PXI-24	6/4/2025	Inspect air ride issues. Travel to and from equipment.
1709	D71PXI-24	6/6/2025	Wait for tailings permit, go through to machine was soft took a while in 4x4 low, check machine for leaks ran unit for a while no leaks found check all levels all levels up nothing low, unsure on what the complaint was about.
1709	D71PXI-24	6/8/2025	go to unit seat had lost air, found the line had ripped off because its not mounted properly waiting for new one, patch up and air seat up for operator.
1709	D71PXI-24	6/9/2025	Lube and fuel noticed small oil drip under machine, remove panels and find and verify leak, slow leak parts order made.
1709	D71PXI-24	6/9/2025	Check out hydraulic leak with James.
1709	D71PXI-24	6/10/2025	Inspection. Found hydraulic oil level low and leak under machine. Informed supervisor and made plan for repairs.
1709	D71PXI-24	6/14/2025	Service call to dozer on road job. Replace seat switch and height indicator on front of seat. Replace fuse.
1709	D71PXI-24	6/15/2025	Travel to tighten tracks
1709	D71PXI-24	6/17/2025	Replace leaking solenoid valve on Hydrostatic pump. test for leaks put back to work
1709	D71PXI-24	6/17/2025	Travel to unit. Inspect for location of hyd leak and assess. Top up hyd fluid.
1709	D71PXI-24	6/20/2025	Daily line up and check over. Clean undercarriage. Blow rads out.
1709	D71PXI-24	6/23/2025	Daily inspection. Inspect ripper hoses

1709	D71PXI-24	6/23/2025	Inspect unit for leaks, inspect blade, hoses, GET and undercarriage.
1709	D71PXI-24	6/26/2025	Daily inspection. Inspect blade/ripper/GET. Inspect hoses, check for leaks.
1709	D71PXI-24	6/26/2025	Assist with PM service. Inspect machine and note any deficiencies.
1709	D71PXI-24	6/26/2025	250 hour service
1709	D71PXI-24	6/26/2025	Serviced dozer
1709	D71PXI-24	6/27/2025	Daily inspection.
1709	D71PXI-24	6/28/2025	Daily inspection
1709	D71PXI-24	6/28/2025	Perform inspection. Coolant level low. Top up coolant and try to find leak. Leak not immediately obvious. Belly pan wet at rear of machine. Operations requires unit for another day or two. Need to drop belly pans to identify and repair leak.
1709	D71PXI-24	7/3/2025	Shift change general check over. Shovel tracks.
1709	D71PXI-24	7/3/2025	Go to unit check over under carriage, tracks had way to much slack in them.
1709	D71PXI-24	7/5/2025	Travel to unit. Perform thorough inspection of oils/fluids and general components. Topped up coolant.
1709	D71PXI-24	7/6/2025	Service call to mine road job. Shovel tracks.
1709	D71PXI-24	7/7/2025	Coolant leak
1709	D71PXI-24	7/7/2025	Service call to mine road job. Inspected for leak. Had to drop. Pans on dozer to inspect. Found loose hose clamps on a piece of hose under egr cooler. Installed two new clamps. Had fuel and lube come and top up. Ran dozer. Every thing seems good.
1709	D71PXI-24	7/8/2025	Set up work area, flip edges & change corner bits. Air chisel around area, undo all bolts & pull edges off. Clean up edges and bits with a grinder & clean the frog. Mount edges and corner bits into place and use all new nuts and bolts, reuse old washers (none in stock) tighten up hardware. Unit good to go.
1709	D71PXI-24	7/8/2025	Re and re edges.
1709	D71PXI-24	7/8/2025	Escorted service call to dozer in mine. Find damage to blade tilt cylinder hose. Remove hose guards and chipped lots of mud off of machine to gain access to hoses. Removed one hose for sample to be taken to town.
1709	D71PXI-24	7/9/2025	Previous tech removed one line to be sent for sample to be made at Poplar. Remove 2nd line. Air hammer heavily compacted debris from where hoses route. Clean excess grease from hose routing. Replace 4 ORFS seals. Install new hoses, route and secure with OEM clamps. Replace Missing hardware and clamps with inventory from service truck. Test hydraulic circuit to verify no leaks. Top up hydraulic oil. 9405 HRS
1709	D71PXI-24	7/9/2025	Drive into mine. Remove blown line drive back to yard to get hose built

1709	D71PXI-24	7/10/2025	Build line and install hose guarding.
1709	D71PXI-24	7/10/2025	Perform daily inspection. Check for leaks, inspect GET & Undercarriage.
1709	D71PXI-24	7/10/2025	Serviced equipment
1709	D71PXI-24	7/10/2025	Coolant leak sight glass broken 4 rollers busted
1709	D71PXI-24	7/10/2025	Line made at Poplar blew at the crimp. New hose delivered. Route new hose and secure. Reinstall all clamps and guards and covers. Run unit to verify no leaks and correct hydraulic oil level.
1709	D71PXI-24	7/11/2025	Service call back into tailings job. Find right side blade tilt hose blown out of crimp. Remove gaurds installed one hose made by Gregg's in town. Reassemble machine. Fill hydraulic system. Test machine. Hose that poplar made blew out of crimp Machine still down
1709	D71PXI-24	7/11/2025	Perform daily inspection. Check for leaks, check fluid levels, grease unit. Inspect undercarriage and GET
1709	D71PXI-24	7/12/2025	Inspect machine, check undercarriage and GET
1709	D71PXI-24	7/12/2025	Install new hose again for tilt cylinder stall out both directions for 5 minutes. Neither line blew off. Should be good.
1709	D71PXI-24	7/12/2025	Back once again to install hydraulic line at FFT job. Fill hydraulic and test. Everything seems good. Called back to unit about three hours later with warning light on. For low coolant level. Top up and all good
1709	D71PXI-24	7/12/2025	Go back to machine and find low coolant code. Get topped up.
1709	D71PXI-24	7/13/2025	Drive out to 1709 to fill coolant from leak
1709	D71PXI-24	7/13/2025	Filled dozer with coolant Checked for leaks/ top ups
1709	D71PXI-24	7/13/2025	Order parts for egr cooler leak
1709	D71PXI-24	7/13/2025	Inspect machine. Check fluid levels, inspect GET and undercarriage. Grease machine.
1709	D71PXI-24	7/13/2025	Wait for fuel and lube to top up coolant. Run machine and identify coolant leak towards front of machine dripping out pf pans. Get unit floated to Thompson Laydown yard. Remove hood paneling to attempt to locate coolant leak. Remove all lower skid plates and excavate accumulated dirt. Run machine up on blocks to achieve better working height under machine.
1709	D71PXI-24	7/13/2025	Remove hood to gain access to engine.pressure test cooling system. Egr cooler leaking place parts order for cooler hoses clamps etc. loosened left track and replaced two font rollers. Waiting on more rollers. Machine still down.

1709	D71PXI-24	7/15/2025	Lower all stump pans. Belly of dozer has over a foot of compacted sediment/sand. Chip away with hammer and chisel, pry bars, scrapers and compressed air to expose hydraulic lines. Cant run machine at the moment with hood off machine. Fairly confident that lower suction hose to main HST pump as well as all 4 HST travel motors are leaking. Continue chipping away cleaning inside center belly of dozer to remove sediment and expose all potential leak sources. Begin removing travel motor guards. Unable to access upper guards due to heavy level of debris on track frames. Chip away material on track frames and air chipper all solidified sediment from mounting hardware.
1709	D71PXI-24	7/16/2025	Continue with removal of all guarding, underguards, travel motor guards and chassis guards for travel motor hoses. Struggle with removal due to covers being bent/mangled and cross threaded hardware.
1709	D71PXI-24	7/16/2025	Removed guards around travel motors and pivot shafts. Inspected for leaks. Cleaned up work area. Ordered parts.
1709	D71PXI-24	7/18/2025	Drain coolant, Start removing EGR cooler got called out to field. Finish removal of EGR cooler, clean up surfaces and get ready to install new cooler, replace all o rings, install new cooler- install new radiator hoses and hoses to cooler on coolant side, clean up, machine just requires coolant to be re filled, left coolant out incase other coolant lines need to be removed to access hyd hoses that need to be replaced
1709	D71PXI-24	7/19/2025	Install side panels and assist mechanic
1709	D71PXI-24	7/19/2025	Set up work area. Remove brackets on both sides to gain access to hydrostatic drive hoses. Pull vacuum on hydraulic tank and begin undoing flanges. Pull old hoses out, put new o-rings in new hoses, run new hoses into place & tighten up flange clamps. Replace hydrostatic accumulator and replace missing clamps on main suction hose. Reinstall brackets & then begin reconnecting connectors in engine bay, reinstall crankcase breather & fuel water separator into mounts. Install RH travel motor & hose guards, reinstall hood panels & grill. Run tap through to clean up threads on some holes and replaced stripped bolts. Clean up work area.
1709	D71PXI-24	7/19/2025	Replace 4 main hydrostatic lines from motors to pumps, install accumulator, replace clamps on suction hose. finish installing hood and start assembling RH motor and hose guards.
1709	D71PXI-24	7/19/2025	Assist in hydraulic leak repairs. Piece back together component covers.

1709	D71PXI-24	7/19/2025	Prep chassis for reinstallation of engine enclosure. Blow out debris from all mounting bolt holes and lubricate threads. Rig engine enclosure to crane and swing into place, attempt to position enclosure for install but encounter interference fit. Remove additional mounting brackets interfering with reinstallation. Secure enclosure to chassis. Begin hooking up air cleaner piping and re routing wiring harnesses and hooking up sensors.
1709	D71PXI-24	7/20/2025	Change out 6 rollers on 1709 with mechanic
1709	D71PXI-24	7/20/2025	Prep machine to remove remaining 6 rollers from LH side of track roller frame. Jack machine up, buff and chisel debris from roller mounting hardware. Remove all 6 rollers from LH frame. Buff and clean track frame and used rollers. Install all new "used" rollers on LH side. Blue loctite mounting hardware and torque to spec. Identify 3 bad rollers on RH side of machine. Jack up RH side of machine and remove 2 most rearward and 4th from rear lower rollers. Install 3 good condition used rollers on RH frame with reused hardware with blue loctite. Lower machine and clean up the work area.
1709	D71PXI-24	7/20/2025	Tighten tracks, assist with roller instal, cleanup
1709	D71PXI-24	7/20/2025	Finish installing guards, get tracks adjusted, top up coolant test run unit.
1709	D71PXI-24	7/20/2025	Install all covers and panels back on to the dozer. Clean up dozer, test, and inspect for any deficiencies.
1709	D71PXI-24	7/20/2025	Set up work area. Finish installing guards on unit, install belly pans, tighten up bleeders on track adjusters, tension up tracks & fill coolant to proper level. Fire unit up, remove stands, lower unit onto level ground, check coolant & hydraulic oil, both levels good. Run unit around, check track tension again with a flat bar and tape measure, tighten up to spec & install covers. Clean work area. Unit is good to go.
1709	D71PXI-24	7/23/2025	Daily lineup and check over of gear at tailings job.
1709	D71PXI-24	7/24/2025	Daily shift change inspections. At tailings job. Clear and reset air filter warning light. Blow filters all out
1709	D71PXI-24	7/25/2025	Daily morning routine. Fluid top up and general inspection.
1709	D71PXI-24	7/28/2025	Called out to unit for hydraulic leak. Shovelled tracks. Blew mud off of guards. Removed guard off of travel motor. Looked like leak was coming off of main hydraulic line O-ring. Ran out of time to take apart and confirm. Cleaned up work area. Drove back to yard.
1709	D71PXI-24	7/28/2025	Daily shift change and fluid top ups.
1709	D71PXI-24	7/29/2025	Service call to tailings job. Continue removing covers on left side final drive. Find o ring gone on hydraulic hose. Replace o ring. Call fuel and lube to top up. Ran dozer. No leaks. Reinstall covers. Call unit up.