

Unit	Model	Date	Work Order Details
1668	EC380EL	6/21/2023	Demob unit set up work area checked over unit tightened intake clamps, bolted down guards and replaced leaking o-ring
1668	EC380EL	6/22/2023	Find dry area to work, start removal of track adjuster, look over machine for other repairs to make work ready
1668	EC380EL	6/25/2023	Set up track press for pin removal.
1668	EC380EL	6/26/2023	Start removal of track pin. Discover broken track press. Repair broken track press contact. Order parts and install.
1668	EC380EL	6/27/2023	Set up machine to start removing track pin. Track press shut the bed 3 times. 29 amp breaker won't hold. Ended up using light plant for cleaner power works decent but the press still has issues. Removed track pin. Resealed the track adjuster. Went to align the pocket in the frame to the adjuster and realized the adjuster is bent.
1668	EC380EL	6/28/2023	Realize track tensioner is bent. Can't and won't line up into track frame pocket. Source out parts for replace. Clean up work area out everything away.
1668	EC380EL	7/4/2023	Removed old idler and track adjuster and swapped idler to new track adjuster. Installed and wrapped track. Installed pin as per supervisor instructions.
1668	EC380EL	7/5/2023	Finish track tensioner install and button up track. Installed wrist . New ext and 2 way took to wash bay
1668	EC380EL	7/20/2023	Complaint of wrist pin walking out. Drive pin and in and temporarily retain with ready rod. Remove bucket to be sent out to be rebuilt wrist pin/bushings. Multiple cracks.
1668	EC380EL	7/21/2023	Unload and load truck from Pcy for bucket swap. Wrist from Pcy missing hose. Could not take from the old bucket as it's configured different. Asked contact at ledcor if they could help us out. They will have a hose for us in the am
1668	EC380EL	7/22/2023	Install hose courtesy of Ledcor. Install hard mount 2way
1668	EC380EL	8/5/2023	Replace oring on tilt cylinder
1668	EC380EL	8/8/2023	Turn thumb on and off blew out solid connections turn back on thumb
1668	EC380EL	8/11/2023	Go to machine for another leaking hose. Find line on bottom of boom to have a pine hole leak.remove and measure order new hose
1668	EC380EL	8/11/2023	Drive to poplar. Make hose. Grab parts. Drive back to Cnrl. Install hose onto twist wrist bucket
1668	EC380EL	8/14/2023	Install blown hose onto machine on left side of boom
1668	EC380EL	8/18/2023	Moved unit through gate 6
1668	EC380EL	8/18/2023	Mob in unit.

1668	EC380EL	8/20/2023	Grab supplies from yard. Call unit in to laydown. Plug in. Engine code not active or logged. Could not get it to repeat. Told operations they can keep using it.
1668	EC380EL	8/28/2023	Install missing thumb cylinder retaining pin
1668	EC380EL	9/1/2023	Remove blown hose, travel to yard and build new. Return to unit and install
1668	EC380EL	9/5/2023	R&I front door and disassemble replace glass clean and reseal. 4593
1668	EC380EL	9/5/2023	Attend unit at Ped 6 Assist in front glass replacement. Job complete.
1668	EC380EL	9/18/2023	Drive from camp pad to 384 work area Located machine. Inspection of stick and bucket. Wrist bucket has excessive pin and ear ware. Stick pin and bushing has heavy ware. Repairer's needed.
1668	EC380EL	9/18/2023	Tracked from camp pad park up to machine at 384 top of the dyke. Inspected bucket Found that wrist pin in bucket had exzessive play. As well as the stick pin bushings. Needs further repair
1668	EC380EL	9/20/2023	Go find some plate steel, set up unit for stick pin removal, disconnect wrist buckets as it's worn out bad, start to pins stick pin out but it stops try back and forth but not going, trucker finally shows up with new wrist bucket, unload and load up worn one, install on unit, no hoses and there is a damaged line remove and go back to hcl make new hoses and look for fittings to make lines flow better, back out to unit install, test ok, grease bucket up. Noticed bottom window broken order.
1668	EC380EL	9/21/2023	Replace bottom lock window lube up front sliding window, look up air dryer part # and order for preventative maintenance.
1668	EC380EL	10/6/2023	Got mike to fix bracket. Install coil assy.. clear code.
1668	EC380EL	10/6/2023	Fix and Weld bracket
1668	EC380EL	10/24/2023	Adjust rh joystick
1668	EC380EL	11/4/2023	Repair door
1668	EC380EL	11/4/2023	Go to machine to tweak side door and realized the door latch is messed up called supervisor to order parts
1668	EC380EL	11/4/2023	Repair door latch.
1668	EC380EL	11/7/2023	Repair door
1668	EC380EL	11/14/2023	Replace rh rear door latch.
1668	EC380EL	2/2/2024	Pull batteries, travel to unit and replace batteries and fire up for service
1668	EC380EL	2/29/2024	Checked over machine and check list. Make parts list and do paperwork.
1668	EC380EL	4/2/2024	Go remove hose at cross dyke, go build hose at yard and install hose.
1668	EC380EL	4/7/2024	Repair seat belt wiring temporarily. Order parts.

1668	EC380EL	4/7/2024	Repair seat belt
1668	EC380EL	4/8/2024	Replace seat belt
1668	EC380EL	4/9/2024	Operator complaint of no a/c. Check belt and compressor. Compressor engages when a/c switches on and off. Blow out condenser and cab air filter. Pinch off lines to heater core and a/c blows cold. Must be a blend door issue but ops was waiting for unit so could not dig into any further. Leave hose pliers attached.
1668	EC380EL	4/10/2024	Remove hose clamp as ops wanted heat.
1668	EC380EL	4/11/2024	Find unit at Pillar job. Check fuel system. Run engine. Codes for inlet throttle valve (4 times) and turbo overboost (127 times) all since the 7th. I cleaned throttle valve and that code won't come back but the overboost pops up with key on. Good to run for now. Ordered throttle inlet valve. 5386 Hours
1668	EC380EL	4/13/2024	Observed unit working. Called operator over. Stick nose loose. Can salvage at this point by replacing west faces on stick nose. Get serial tag off of quick attach. Order pins and bushings.
1668	EC380EL	4/15/2024	Replace inlet throttle valve. Run and test. Call up 5447 hours
1668	EC380EL	4/20/2024	No a/c. Travel down and temporarily repair. Order blender actuator.
1668	EC380EL	4/21/2024	Clean jugs and pails. Fill with diesel and 75-90. Drive to cross dyke, safe out area. Drain finals. Refill with diesel. Run tracks. Re drain and refill. Drive back to yard and dispose of waste.
1668	EC380EL	4/22/2024	Set A/C to cold. Blender box will need to be replaced.
1668	EC380EL	4/27/2024	Drive to unit, clean out grease nipples, clean out hole. Try to grease still wouldnt go. Pound out pin for center of wrist bucket assy. Bushing cracked in pieces. Holes plugged with clay. Ops needed unit, put grease on bore and re install pin. Quick attach pins, and bushings worn out with large gap between.
1668	EC380EL	4/30/2024	5580hr - code for low air control. Remove throttle control to see if it is dirty again. Still clean. Remove intake pressure sensor, was plugged with soot, cleaned up sensor and re installed. Checked venturi tube but was dry. Start up unit, code went out. Test unit, dead head hydraulics to see if engine spudders. Sent to work.
1668	EC380EL	6/1/2024	Remove, build, and install blown hydraulic hoses on stick.
1668	EC380EL	6/9/2024	Inspected steps and handrails
1668	EC380EL	6/24/2024	Edge flip clean all surfaces. Look for hardware after yard move.
1668	EC380EL	6/26/2024	Repair hydraulic leak.
1668	EC380EL	6/27/2024	2000 hrs service on Volvo 380

1668	EC380EL	6/27/2024	2000 hour service
1668	EC380EL	9/10/2024	Get samples and change air filters
1668	EC380EL	9/10/2024	Ned sump
1668	EC380EL	9/25/2024	START FINAL DRIVE REMOVAL PROCESS
1668	EC380EL	9/27/2024	Remove quick attach, figure out what is needed for machine Remove bushings and clean up bores Package onto pallet Cut out master pins on tracks, remove final drive motor covers, tidy up work area for the day
1668	EC380EL	9/27/2024	Drove to unit, set up work area, drained finals, cleaned up work area.
1668	EC380EL	9/28/2024	Remove final drives. Cap off motors and prep for shipment
1668	EC380EL	10/8/2024	disassemble both final drives
1668	EC380EL	10/26/2024	Clean. And install all both final drives. Hook up lines. Get filled with oil, put guards on, run all working. Start installing track master pins
1668	EC380EL	10/27/2024	Install master pins. Install pads. Get tracks tightened, stop go into mine for other job. Come back, install stick end bearings and seals. Install quick attach, and thumb issues with fittment. Quick attach too tight on stick had to grind away some material, get lined up. Push pin in, prime grease in pins. Install bucket.
1668	EC380EL	10/27/2024	Assisted Wyatt with misc.repairs
1668	EC380EL	10/27/2024	Assist mechanic with driving pins on stick. Help attach bucket. Grease all bucket and stick grease points.
1668	EC380EL	10/28/2024	Assisted Wyatt with inspection
1668	EC380EL	10/28/2024	Perform 2000 hr inspection. Order parts to perform oil leak repairs Remove pins and get to take grease. Replace air dryer filter Get track taking grease again. Look into joystick code, goes away when hot Inspect belt find alt bearings. And water pump belt system tension pulley and idler pulley bearing getting rough Clean up work area Move unit to other line up. Top off hydraulic oil. And right hand final.
1668	EC380EL	11/3/2024	Remove and reseal aux pump. Fix broken stud. Replace crank case breather assembly
1668	EC380EL	11/29/2024	Go go unit. Warm up with espar, find dpf at 200% reset and regen multiple times, unit froze up due to not having winter cover at -30. Regened twice no issues or codes
1668	EC380EL	12/9/2024	Codes for high soot % in dpf. Plug into unit Attempt to run service regen but unable to as it's at 250%.
1668	EC380EL	12/12/2024	Remove panel to access exhaust unit. Remove dpf differential sensor and tubes. Remove tubes and blow out. Reinstall sensor and panel. Run regen. Now at 0% soot and all codes are gone.

1668	EC380EL	12/18/2024	Heat boost and start both this unit and the long stick rental at the camp pad.
1668	EC380EL	1/8/2025	Scr system codes active. Plug in and clear codes. Run scr system test and passed. Run up machine with no issue. Call unit up
1668	EC380EL	1/8/2025	Drive to unit and diagnose hydraulic leak. Found hose leaking for wrist bucket near stick to boom pivot. Removed hose capped lines. Drive back to yard built hose drove back and installed with new o rings.
1668	EC380EL	1/9/2025	Start unit. Confirm auxiliary settings on monitor. Turn on auxiliary function switch on r/h console. Thumb is on, unit is up
1668	EC380EL	1/11/2025	Pickup laptop and go to machine. No active codes. Plug in and only code for turbo over speed. Run machine with no issues
1668	EC380EL	1/15/2025	Go back to yard to grab corks, locate unit and start welding corks
1668	EC380EL	1/15/2025	Drive out to unit at turtle, chip pads, weld corks
1668	EC380EL	1/16/2025	Finish welding corks
1668	EC380EL	1/16/2025	Continue welding corks
1668	EC380EL	1/16/2025	Look over unit for obvious leaks. Remove panels. Found filter relocation line leaking at crimp. Recommend replacing both lines.
1668	EC380EL	1/17/2025	High soot run manual burn no codes came back
1668	EC380EL	1/19/2025	Boost unit. Unit up
1668	EC380EL	1/19/2025	Tighten joystick
1668	EC380EL	1/20/2025	Engine code for failed EGT sensor. This will also prevent regens from happening. Ordered new sensor. Unit locked out
1668	EC380EL	1/20/2025	Completed 500 hr service on unit
1668	EC380EL	1/20/2025	Service 1668 due to 500hrs
1668	EC380EL	1/21/2025	Remove old hoses. Assist mechanic with install of new hoses.
1668	EC380EL	1/21/2025	Engine Oil relocation lines replaced.
1668	EC380EL	1/21/2025	EGT sensors replaced. Unit still needs to be ran to verify repairs. Was end of day and didnt have time to run and warm up unit.
1668	EC380EL	1/21/2025	Joystick replaced.
1668	EC380EL	1/22/2025	Complete assembly of unit. Test. Codes still active. Test sensors again but Test good. Grab laptop for Techtool. Needed to reset codes. Run machine up to temps. No more codes across. Unit is up
1668	EC380EL	1/24/2025	Aux hose leaking. Remove hose and bring to yard to build new one. Return to unit and install hose.

1668	EC380EL	1/26/2025	Complaint of smoky exhaust. Warm up unit and run for 15 minutes, runs as it should also no codes active. Double check exhaust sensors and everything looks good.
1668	EC380EL	1/27/2025	Find unit. Warm up no codes follow operator walking unit to worksite. Let him work it till code showed up look up code p02e09c for air throttle control failure. Operations continued to use unit. Tried to call operator with no success. Moved on
1668	EC380EL	1/28/2025	Repair hud leak
1668	EC380EL	1/29/2025	T/shoot hyd leak. Found blown line at bucket swivel. Removed line. Line at yard to have new one made. Unit is down.
1668	EC380EL	1/30/2025	Called to unit to top up oil after repair. Drive to unit. Top up oil. Clean up work area. Drive back to yard.
1668	EC380EL	1/30/2025	Called to unit to top ip oil from blown hose and hose repair.
1668	EC380EL	1/30/2025	Build hydraulic line, install on twist wrist, fill hydraulic oil and test
1668	EC380EL	2/1/2025	Drive to canyon. Unit on other side of lift wait for Forman to lead in back route. Inspected cylinders and tank for potential intrusion of silica. Bucket cylinder leaking. Noticed coolant leak, removed lower inspection cover. Tightened lower rad hose both ends. Tightened engine side upper rad hose. Wait for coolant. Top up.
1668	EC380EL	2/6/2025	Went and found unit, set up, removed and capped hydraulic lines to bucket, removed bucket, cleaned up parked unit, came back to unit and waited for new bucket, installed new bucket on unit, cleaned up work area
1668	EC380EL	2/10/2025	Tighten bucket wedge
1668	EC380EL	2/15/2025	Drive out to unit, find unit being run by operations, steps appeared to just be flipped up and frozen
1668	EC380EL	2/16/2025	Thawed out steps, chipped out, bent steps back down, tightened hardware
1668	EC380EL	2/16/2025	Emission codes Clear all codes Force manual Regan
1668	EC380EL	2/16/2025	Make adjustments to joystick and resecure
1668	EC380EL	2/18/2025	Get all samples. Change both finals. Change outer air filter and cab filter. Change hyd filter
1668	EC380EL	2/18/2025	Canyon 250hr service both final oils changed and hydraulic intank filter
1668	EC380EL	2/18/2025	Change bucket cylinder
1668	EC380EL	2/18/2025	Re&re bucket cylinder. Travel back to yard and back for new hardware for pin retainer. Unit is up

1668	EC380EL	2/19/2025	Grabbed computer and def in yard, went to unit, set up, plugged into unit, checked codes, had active code for poor def quality, drained and flushed def tank, filled tank with fresh def, ran and tested, performed verification test, passed, cleared all codes on unit, cleaned up work area
1668	EC380EL	2/22/2025	Weld all steps to track frames
1668	EC380EL	2/27/2025	T/shoot engine codes. Checked over Inlet throttle motor & valve. Ordered parts
1668	EC380EL	2/28/2025	Travel to unit and replace throttle valve as needed. Run up unit and tested. No codes/engine issues surfaced after 45 mins of testing. Replace worn cutting edge as requested
1668	EC380EL	3/3/2025	Complaint of bolt missing on cutting edge. Travel to unit, edge is bent and will need to be replaced.
1668	EC380EL	3/4/2025	3000hr service
1668	EC380EL	3/4/2025	3000 hr service
1668	EC380EL	3/4/2025	Completed 3000hr service on unit.
1668	EC380EL	3/4/2025	Load up new cutting edge and hardware. Travel to unit and remove damaged edge. Check frog for straight. Frog is true. Clean up frog and install new edge. Noticed wear bars on outter edges of bucket not square(1/8-3/16 gap). Suspect this could have caused edge to prematurely fail
1668	EC380EL	3/6/2025	Travelled to machine, checked battery voltage, found low voltage. Boosted machine and ran. Checked alternator output and alternator was not charging. Checked belt, belt was still on. Ordered new alternator and belt.
1668	EC380EL	3/8/2025	While repairing unit found coolant leaks, troubleshot leaks, found expansion tank cracked and hoses cracked and leaking, made parts list, ordered parts
1668	EC380EL	3/8/2025	While repairing unit, found intake piping had lots of dust in them, troubleshot where dust was coming from, found air filter housing broken, took pictures, made parts list, ordered parts
1668	EC380EL	3/8/2025	Grabbed new alternator, went to unit, set up, removed all top engine panels/frames, removed belly pans, removed lower charge air pipe, removed alternator, checked belt, good, swapped pulley onto new alternator, installed new alternator, installed belt, installed all piping, electrical connections, all top engine panels/frames, installed belly pans, went to test repair, batteries dead, tested, failed, need to replace batteries, cleaned up work area

1668	EC380EL	3/10/2025	Suncor wanted locked out unit moved. Check air filter box/coolant reservoir. Top up coolant. Allow ops to move unit and lockout
1668	EC380EL	3/10/2025	Put air box back together to temporarily run machine and make repairs. Swapped buckets on machine for operations for another unit,
1668	EC380EL	3/10/2025	Loaded up batteries, went to unit, set up, put heater on unit, replaced dead batteries due to alternator failure, got unit running, checked over, cleaned up work area
1668	EC380EL	3/10/2025	Unit had SCR codes, plugged into unit, checked codes, had active code for dosing system failure, troubleshot, cleared code, tested system, code came up due to low system voltage from alternator failure
1668	EC380EL	3/11/2025	Drive to unit, unlock as per supervisor. Move out of the way of the client. Lock out again
1668	EC380EL	3/15/2025	Remove air box install rear section of air box and rivet into place reinstall air box and install air filters
1668	EC380EL	3/18/2025	Bucket needs teeth (has worn tiger teeth currently)
1668	EC380EL	3/19/2025	Change expansion tank, fill coolant
1668	EC380EL	3/19/2025	Travel to machine, remove and install new surge tank and hoses.
1668	EC380EL	3/27/2025	Set up at unit, boosted/heated unit, got running, chipped mud from quick attach, swapped buckets, cleaned up work area
1668	EC380EL	3/27/2025	Pick up sample off unit. Grab new teeth & pins at yard. Head back to unit and change out teeth.
1668	EC380EL	3/28/2025	Found failed line from control valve to boom foot. Removed to have made in town. Unit is down
1668	EC380EL	3/29/2025	Travel to north rcw Refilled hydraulic oil, cycled machine and checked for leaks and travel back
1668	EC380EL	3/29/2025	Install new line. Get lube to fill hyd oil. Run to verify repairs. Unit is up
1668	EC380EL	3/30/2025	Get horn working
1668	EC380EL	3/30/2025	While at unit found RH track pin walked out, set up track for repairs
1668	EC380EL	3/30/2025	Set up at unit, checked for leaks, found multiple coolant leaks, repaired, tightened loose clamps, topped up coolant, tested unit, cleaned up work area
1668	EC380EL	3/30/2025	While at unit, found hydraulic leak, tightened loose fittings on control valve, topped up hydraulic oil, tested, cleaned up work area
1668	EC380EL	3/30/2025	Went to unit, set up, plugged into unit, checked codes, had code for turbo over boost, trouble shot, removed mass air flow sensor, cleaned sensor, cleared codes, ran tested, cleaned up work area

1668	EC380EL	3/31/2025	Sent machine up in suitable area for repairs. Remove track pads to access pin. Hammer pin back into place. Get pin welded secure. Reinstall pads and adjust track tension on both tracks.
1668	EC380EL	3/31/2025	Locate unit, help mechanic take off tracks pads beat pin back in back gouge and weld in
1668	EC380EL	3/31/2025	Drive to nrcw wait for loader / excavator to walk up ramp no radio communication reciprocated. Clamp off line splice new section in on rad to coolant tank. Test unit.
1668	EC380EL	4/12/2025	Checked over machine, found cutting edge broken, needs new bucket, and found fire extinguisher missing pin and needs to be changed.
1668	EC380EL	4/15/2025	Services 1668 volvo 380
1668	EC380EL	4/15/2025	Picked up the filters, drive to location, set up work area, lock out, took samples, changed final drive oils, engine air filter, fuel water seperator, and cab air filter Drive back
1668	EC380EL	4/15/2025	Complete service to unit.
1668	EC380EL	4/24/2025	Battery light on/ not charging. Inspect belt- ok. Inspect battery connections- dirty, cleanup. No change. Check fuses- ok, check 80 amp mega fuse- ok. Start engine battery voltage steady drops off, voltage drop positive and negative from alt to battery- ok. Order alternator
1668	EC380EL	4/26/2025	Drive to unit set up work area remove and replace alternator and test voltage
1668	EC380EL	4/26/2025	Inspect ac system check pressures and test system, ac is working properly
1668	EC380EL	5/16/2025	Low power/ boosting back through intake. Confirm. Monitor pressures while running machine with tech tool, code for intake throttle valve becomes active. Inspect valve-like new. Find wires rubbed through at throttle valve connector. Order parts
1668	EC380EL	5/19/2025	Went to unit, set up, put electrical on engine back together to start unit, chipped mud from quick attach, swapped buckets
1668	EC380EL	5/20/2025	While repairing unit, found coolant leak on engine, ran warmed engine up, found hose from rad to surge tank leaking, removed hose, found new hose, cut to length, installed new hose, ran and tested, no leaks, cleaned up work area
1668	EC380EL	5/20/2025	Went to unit, set up, removed throttle valve connector, installed new connector with new pins, installed wiring harness, ran tested, no codes, installed engine panels, cleaned up work area
1668	EC380EL	5/26/2025	Coolant leak at expansion tank, trim hose back and re clamp to tank, top up coolabt
1668	EC380EL	7/7/2025	Looking for equipment. Soft roads. Wasn't able to get to equipment
1668	EC380EL	7/12/2025	500hr service. Help mechanic with coolant leak we found

1668	EC380EL	7/12/2025	Asked to come look at a leak on 1668 by fuel and lube, found during service, drove up to machine, check over of unit, removed coolant tank to gain access, found heater line is baked and cracked causing leak, removed damaged section, spliced in new coolant hose, had coolant filled, ran unit and checked for leaks
1668	EC380EL	7/12/2025	Service 1668.
1668	EC380EL	7/18/2025	Drive to unit at fhap. Check AC- good. Run unit for an hour doesn't freeeze up or do anything but blow ice cold AC. Send back to work.
1668	EC380EL	7/18/2025	Drive to unit and set up work area bucket cylinder barrel end pipe leaking found blown o-ring removed pipe and replaced o-ring reinstall pipe and leak check unit
1668	EC380EL	7/21/2025	Drive to unit and set work area, unjam dog bone link, lift link into position and install bucket cylinder pin installed new keeper bolt in pin and weld nut onto the keeper bolt, extract broken bolts for bucket angle sensor install sensor