

Unit	Model	Date	Work Order Details
1768	A40G	6/2/2023	Remove metal rod in tire.
1768	A40G	6/2/2023	Repair radio wiring as required.
1768	A40G	7/26/2023	Travel down to unit and setup work area. Inspected unit for fuel leaks and didn't find any. Plugged into unit and read DTCS. No active codes and couldn't get unit to display the code. Got new fuel filters put in, will have to run unit and monitor
1768	A40G	7/29/2023	Replaced L armrest
1768	A40G	8/1/2023	Drove to machine. Inspected and adjusted armrest
1768	A40G	9/24/2023	Check engine around, check water separator filter drain bottom of the filter. Check engine Oil for the color and smell. Start the unit. Run a low idol, high idol runs good. No misfires check for codes only 2 warnings about service hours wasn't erased and low windshield washer fluid.
1768	A40G	9/27/2023	Replace fuel filter and water separator. Bleed, the system started run High idol and low idol Run good.
1768	A40G	9/27/2023	Troubleshoot fuel codes
1768	A40G	10/26/2023	Leave line 14 drive to gypsum area start unit return to line 14
1768	A40G	11/5/2023	Travel out to unit and setup work area. Fired unit up and let it warm up. Pulled codes and found an error for aftertreatment dosing and scr efficiency. Ran an scr aftertreatment test and it passed. Ran a regen and let the unit cool down. Codes cleared and trucks performing normally. Returned to ops.
1768	A40G	11/6/2023	Travel to Gypsum landfill, fired unit up and warmed to temp, codes logged but not active, running diagnostic tests, unit died and wouldn't restart, laptop froze, unit air locked fuel system- primed and got started, got laptop restarted, finished doing diagnostic tests- test SCR system, pressure build up and doser valve- all passed, reinstalled panels and travel back
1768	A40G	11/26/2023	Scr codes put Volvo program on try regen would not burn fully derate put heat to def drain tank and wait for thaw
1768	A40G	11/27/2023	Further diagnose try all kinds testing check the def injector pump scr system test change air dryer check for air leaks nothin done scr test after codes gone
1768	A40G	12/3/2023	Scr failure, travel to laydown to get laptop, heat up and force regen, cleared code enough to drive back to rt86 so we can work on it, it went down in unpermitted area. Warranty job
1768	A40G	12/15/2023	Hydraulic fan motor not engaging, small electric fans work but not main fan, sound test failed. All relays and fuses ok. Warranty job 2800hrs. Needs further troubleshooting

1768	A40G	1/1/2024	Install door
1768	A40G	7/3/2024	Travel to unit. Found machine in full derate with SCR failure. Connected scan tool, found active codes for SCR dosing failure and no reductant flow detected. Tried SCR function tests, all fail. Removed covers and unbolted CAC, inspected DEF pump, lines and harnesses. Removed DEF injector and blew air through lines to verify no blockage up to injector. Tried another test with injector disconnected, no DEF coming from pump. Checked work orders and found pump had been changed in Dec, codes occurred in Mar. Let supervisor know, may be warranty issue. Reassembled for now and cleaned up. Upon leaving, road was blocked by stuck truck. Spent time assisting operator with pulling out truck, then travelled back to shop
1768	A40G	7/5/2024	Threw a code for brake system failure went looked around code was not active went for load with operator nothing came up sent back to work
1768	A40G	7/19/2024	Leaking out of breather, drain oil to level, test ok. Steam mess away
1768	A40G	8/1/2024	Unit broke down in dump full emissions derate troubleshoot and found blown airline to exhaust DEF system. Remove Piece to find right size wedding to repair.
1768	A40G	8/2/2024	Repair damaged airline and perform regeneration burn to get it out of Derate
1768	A40G	8/7/2024	Told unit had codes, connected computer no active or logged codes, passed DEF, SCR and after treatment tests, feild testing unit no codes active
1768	A40G	8/8/2024	Troubleshoot, need laptop to continue troubleshooting
1768	A40G	8/9/2024	Scr emissions fault, run tests and clear soet clearing codes. Plug in run fan tests and passes every thing, hook up gauges to ac system and working correctly. With travel. Unit up
1768	A40G	8/12/2024	Ac quite, rad fan not spinning is the issue because it cools condenser. Ran out of time
1768	A40G	8/13/2024	Run up unit and found brake failed code popped up. Tested service brakes and unit started creeping through it at 1050rpm.
1768	A40G	8/13/2024	Recharge AC, change shraeder valve, vac and charge
1768	A40G	8/14/2024	Went through pressures and tests, brake tests passed.test drive on slopes and re run test, all pass and send pics of passed tests to supervisor
1768	A40G	9/5/2024	Charge low batteries and check Charge at alternator 27.6v. Run for 40 minutes, all good
1768	A40G	9/10/2024	No codes present when I arrived warmed unit up code would not reappear ,run brake test with computer passed all test
1768	A40G	10/12/2024	Drain overfilled coolant tank down to proper level. Washed rads. Hooked up laptop and tested fans and operating but brake failed code popped up so fans not getting proper pressure.

1768	A40G	10/25/2024	Travel to unit. Fire up and warm system. Drive around and bleed brakes. Check pressures by computer and gauges. Pressures looked ok and pump would engage when brakes applied. Travel back and inspected again.
1768	A40G	10/31/2024	Travel, testing unit, filled fuel primer stem full of grease and tested- no fuel leak code
1768	A40G	11/5/2024	Possible full leak codes. No codes active at time of testing. Check over fuel lines for leaks. No leaks. Repack primer with grease. Clean out overflow valve and have then test it. 1766 same codes fill with anti gel and have then try it again
1768	A40G	11/8/2024	Remove fuel lines from tank to cylinder head blow out lines , blow out Bangor fittings , check offices and overflow valve ,inspect check balls reassembly system
1768	A40G	3/12/2025	Install heater charge batteries made it start leave running
1768	A40G	5/14/2025	Cleaning
1768	A40G	5/14/2025	Cleaned cab
1768	A40G	6/10/2025	Service Did not finished, ops need the equipment
1768	A40G	6/11/2025	Continuity service from yesterday
1768	A40G	6/26/2025	Preformed 1000 hour pm will need more time tomorrow as more to do for inspection
1768	A40G	6/27/2025	Complete 1000 hr pm
1768	A40G	7/1/2025	Travel to unit, R&R backup alarm, verify function.
1768	A40G	7/9/2025	Left steer sensor fault 9.9 volts at sensor need to inspect/test wiring harness
1768	A40G	7/13/2025	Service
1768	A40G	7/13/2025	Service
1768	A40G	7/20/2025	Travel, starting to diagnose code, further diagnosis required
1768	A40G	7/21/2025	Travel to unit, lookup service info. Inspect fuel system for leaks - noticed dirt/oil collected around primer pump, packed pump with grease for now. Checked fuel pressure - ok. Test drove unit up and down hill multiple times at full throttle, code didn't return, no running issues. Volvo tech recommended new filters. Wrapped up and traveled back.
1768	A40G	7/30/2025	Troubleshoot transmission no reverse and dragging in forward pump cavitation low lib pressure alarm ,let unit sit trans runs good for a short time , ordered filters
1768	A40G	7/31/2025	Service
1768	A40G	7/31/2025	Helped with the service