

Unit	Model	Date	Work Order Details
1688	A40G	6/2/2023	Check over unit
1688	A40G	6/8/2023	Weld coolant pipe and install exhaust parts
1688	A40G	6/8/2023	Top off coolant and re installed belly pans
1688	A40G	6/8/2023	Coolant leak on right side of engine exposed pipe and had it welded
1688	A40G	6/8/2023	Assist with coolant leak repair
1688	A40G	6/8/2023	Ran and verified leak, moved machine out of mud. Dropped belly pans and drained coolant. Pulled cooler, air cleaner, panels, brackets, exhaust pipes and intake lines off to access leak. Got Mark to weld hole in coolant pipe, re-installed everything and re-positioned exhaust piping and coolant piping to avoid rubbing.
1688	A40G	6/11/2023	Boost unit
1688	A40G	6/26/2023	Drive to unit inspect and repair coax wire
1688	A40G	7/5/2023	Boost unit
1688	A40G	7/8/2023	Assist in locating air leak.
1688	A40G	7/8/2023	-diagnose air leak -find hose from dryer to air tank leaking -order compression unions to repair
1688	A40G	7/8/2023	Checked over unit didn't find any fuel code issues or any other issues, checked codes only service due alarm come on
1688	A40G	7/8/2023	Complaints of air leak . Cut out leaking section and installed push to connect . Re installed belly pan , did a once over the unit and called up
1688	A40G	7/13/2023	Troubleshoot unit. Could not get laptop to connect to unit. Found the com port has been damaged. Order new housing and pins to repair port. Further diag of unit required once able to connect to unit
1688	A40G	7/14/2023	Change out com port and hook up laptop. Cleared codes and ran burn. Unit good to go
1688	A40G	7/14/2023	Hook up to unit inspect clear codes and run regen all good
1688	A40G	7/14/2023	Drive to unit fire up and run to temp while stationary. Hooked multimeter up to batteries and monitored Voltage. Voltage was steady at 28v. Took for a drive and unit flashed low voltage and locked all tires up. Tried driving in manual 1st 2nd and 3rd and unit was fine problem only occurred in drive
1688	A40G	7/15/2023	Assist troubleshooting electrical issues

1688	A40G	7/15/2023	Diag for complete power lost unit shutting off ,noticed just parked if you turned the wheel or shook the truck it would shut down , bad connection somewhere , found power wire at cab bulked connector pulled out of eye , removed power cable and repaired end , install run test all seems good now job complete
1688	A40G	7/15/2023	Go over unit and inspect all wiring found broken cable remove and repair and reinstall tested all good
1688	A40G	7/19/2023	Complaints of leak , RS box cylinder line blew O-ring . Repaired , tested and checked over unit before going back to work
1688	A40G	7/23/2023	Found unit with loose screws for upper monitor, put blue locktite on screws and tighten up a bit with pliers
1688	A40G	8/1/2023	Install ECM back into machine
1688	A40G	8/21/2023	Drive to and inspect tire. Found tire off rim and rim lock missing. Notified trapper tire for repair
1688	A40G	8/23/2023	Unlocked unit for strong-co
1688	A40G	8/29/2023	Complaints of ATC failure / fault , inspected unit and engaged auto traction control multiple times Had no issues sent back to work and told to monitor
1688	A40G	9/3/2023	Tested unit and could not get park brake issue to come back up. Everything seemed to function as it should
1688	A40G	9/6/2023	Called to for communication faults Pulled codes and found none active in the last six hours. Ran sensor tests found no communication issues Sent back to work
1688	A40G	9/9/2023	Unit stuck on hail road would not start cycled key and master and emergency stop. Got unit to start and moved back to yard
1688	A40G	9/9/2023	Test data links. Found can 1 data bus has 40 ohms. Terminating resistors test good. Unplugged wgm and resistance went to normal 60ohms
1688	A40G	9/10/2023	Looked up parts for Ken
1688	A40G	9/12/2023	Tan a regen found def quality sensor needs to be replaced.
1688	A40G	9/14/2023	Look into where resistor goes. Crimp new end on. Install new resistor. Startup and drive around yard. Seemed to be fine.
1688	A40G	10/1/2023	Assist with completion of regen on unit
1688	A40G	10/1/2023	Find unit and finish regen
1688	A40G	10/1/2023	Looked unit over no codes reset soot level and ran a regen
1688	A40G	10/2/2023	Line leaking out of crimp substantially. Lots of spare wiggles right now put unit down till hose gets charged

1688	A40G	10/2/2023	Diagnosis leak. Ordered parts
1688	A40G	10/2/2023	Assist with leak troubleshooting and necessary repairs/ parts
1688	A40G	10/3/2023	Installed new hose on unit , RH side lift Cyl. Line , Topped up fluids . Leak tested
1688	A40G	10/26/2023	Straighten/weld/bolt mirror mount
1688	A40G	10/26/2023	Straighten weld and bolt side mirror
1688	A40G	10/31/2023	Re-weld side mirror
1688	A40G	10/31/2023	Repair mirror mount
1688	A40G	10/31/2023	Replaced mirror Bracket
1688	A40G	1/8/2024	Cut tarp to take to unit and tarp in, drove to unit, helped tarp unit in and helped with troubleshooting SCR system codes.
1688	A40G	1/8/2024	Nox sensor no 1 bank 1 failure. Unit not maintaining temperature will need to be tarped. Clear code and service regen, unit smoking real bad. Ts and found broken exhaust clamp and blown gasket just after fuel dosing injector before aftertreatment. Will need repaired before can be regened to verify nox sensor operation. Ordered parts and locked out.
1688	A40G	1/9/2024	Repair exhaust leak. To cold to start couldn't find heater to get running to regen unit crossed with days
1688	A40G	1/28/2024	Go to warm truck up. Regen and scr verification passed. Unit good to use once trapper tire repairs the tires
1688	A40G	3/12/2024	DEF tank was frozen, put heater on unit. Found bank 1 Nox code preformed system test and code went away, unit was moved from R1 to lay down
1688	A40G	9/12/2024	Demob unit and found other 40t units and brought them to the lay down
1688	A40G	9/16/2024	Mob in unit.
1688	A40G	9/17/2024	Seal up windscreen
1688	A40G	9/26/2024	Up/down inspection. Ordered missing cab switches.
1688	A40G	9/30/2024	Build new steps for RH side.
1688	A40G	10/2/2024	Fire up and warm. Run unit up and down site to get hot and see if it would burn or any codes would come up. Checked good. Troubleshoot no washer spray. Tested and replaced washer pump.
1688	A40G	11/19/2024	Travel to unit. Troubleshooting full derate from emissions. Run tests. Suspected def was starting to freeze up. Run machine up to operating temp. Run after treatment burn and run def dose test again and passed.

1688	A40G	11/21/2024	Travel, unit derated needs regen, let unit warm up and connected computer but wouldn't regen due to such high soot load-250%, performed DEF pump and dosing tests-passed, checked differential pressure tubes-clear checked sensor seemed okay, checked DEF injector- clear, trying to get unit to burn but won't
1688	A40G	11/21/2024	Clear codes made several attempts to force regen
1688	A40G	11/23/2024	Warmed unit up and forced 2 regens, performed DEF and NOx sensor tests-passed
1688	A40G	11/24/2024	Force a regen
1688	A40G	11/28/2024	3000 hour service
1688	A40G	11/28/2024	Travel from nse change filters
1688	A40G	12/10/2024	Drop pan, drain def and flush, refill and plug in to preform burn. Code gone right away and burn preformed. No codes. Reassemble. With travel and waiting for lap top and fresh def
1688	A40G	1/18/2025	Checked over unit and start pro heat. Fired up unit for spare.
1688	A40G	2/2/2025	Test drive unit get code to show up , repair
1688	A40G	2/2/2025	Travel to nse, codes for low air pressure. Add alcohol to tank and test. Codes cleared did not return at time.
1688	A40G	2/5/2025	Service
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1688	A40G	2/13/2025	Travel, code for after treatment fuel issue, started and warmed unit up, performed fuel tests- all passed, SCR tests- all passed, NOx sensor tests- passed, let unit warm up and get hot codes disappeared
1688	A40G	2/14/2025	Travel, removed busted brake fittings from LHR hub
1688	A40G	2/14/2025	Travel to unit. Clear codes and get unit up to temp. Run operational tests on def system and all good
1688	A40G	2/15/2025	Travel to unit. Start pulling off lines. Called away.
1688	A40G	2/19/2025	Travel, install new brake hose and tube, missing a fitting to finish install
1688	A40G	2/21/2025	Replaced missing brake line fitting
1688	A40G	3/7/2025	4000 service
1688	A40G	3/7/2025	Service
1688	A40G	3/16/2025	Fitting leaking RL wheel. Tighten and test
1688	A40G	4/3/2025	PM inspection with repairs and parts orders
1688	A40G	4/4/2025	Continue and complete inspection and some repairs
1688	A40G	4/19/2025	Replace buttons and wiper
1688	A40G	5/14/2025	Cleaned cab

1688	A40G	5/14/2025	Cleaning
1688	A40G	6/7/2025	Travel, remove and replace batteries
1688	A40G	6/8/2025	Travel, topped up a/c system and tested- blowing cold
1688	A40G	6/11/2025	Troubleshoot emissions, codes, codes for air valve, not closing fully putting unit into D rates troubleshoot and found tank has a crack in it and not allowing for vacuum. Ordered parts.
1688	A40G	6/19/2025	Replace def tank test good to go
1688	A40G	6/27/2025	Unit parked because of scr system derate , hooked up laptop and found that the is a larger air leak in dousing unit (def pump) codes for air pressure valve and diagnose tree leads to a bad valve , valve is internal of pump .. pump is ordered
1688	A40G	7/1/2025	Travel to unit, remove panels and R&R DEF pump, reassemble. Lightning delay. Tried to run DEF pump verification but found unit won't build air. No audible leaks. Inspected air system - unable to connect gauge to check pressure. Verified compressor and air dryer are putting out air. Removed inner fender panel to inspect air tank and valve but unable to access, will have to remove fender to test further but ran out of time. Cleanup and travel back to laydown.
1688	A40G	7/2/2025	Troubleshoot air system, try to understand system , unit needs new compressor and pressure adjust as I moved settings troubleshooting system
1688	A40G	7/2/2025	Travel to machine to help figure out why unit couldn't communicate to laptop. Found found pin on machines obd port to be damaged. Got unit to connect and found air compressor to have failed.
1688	A40G	7/5/2025	Travel to unit, installed hoist line stolen for another unit.
1688	A40G	7/13/2025	Drain coolant. Change air compressor
1688	A40G	7/13/2025	Travel to unit. Close up panels and install new seat valve. Test and good to go
1688	A40G	7/20/2025	Travel to unit for complaint of low hyd level alarm. Verified level ok. Removed guards to access tank, swapped brake cooling and hyd level sensors - warning switches to brake cooling level, sensor is bad. Found hyd tank vent host torn - cut down hose and moved vent pipe closer to reconnect. Release to ops for now, need new sensor.
1688	A40G	7/23/2025	Travel to unit for complaint of signal lights not working. Checked fuses - ok. Inspected harness and found section pinched at rear of machine. Repaired harness, replaced burnt bulbs in front of machine, verified lights now work. Release to ops, wrap up and travel back to laydown.
1688	A40G	7/26/2025	Replaced hydraulic tank level sensor and vent hose