

Unit	Model	Date	Work Order Details
1766	A40G	6/3/2023	Mon in unit, fuel grease unit send to work
1766	A40G	6/9/2023	No a/c complaint and horrible noise in cab. Remover rh pannel of cab and remove air filters blown out and found mode door for recycle air and fresh air broken. Remove door and install filter back in and a/c works. Top up with def aswell
1766	A40G	6/12/2023	Repair oil leak
1766	A40G	7/14/2023	Change engine oil and filters , fuel , air , cab . Check oil level in drop box , grease upper drive shafts.
1766	A40G	7/16/2023	Look into emissions codes, find nothing active put unit back to work. Most likely was plugged def nozzle that cleared based on codes
1766	A40G	10/10/2023	(1766) check over unit. Grease, replace fire extinguisher, check fluids. Install arm rest. (Rmt302)
1766	A40G	10/11/2023	Check unit and round is not watched other than that. Everyone is good missing 2 way radio. Replace from 1503.
1766	A40G	10/26/2023	Diagnose SCR codes. Had comms issues with unit. Ran SCR test. Found that unit has a bad NoX sensor. Ordered parts. Informed supervision.
1766	A40G	10/28/2023	Change box sensor start unit no flashing coded
1766	A40G	11/12/2023	service
1766	A40G	11/13/2023	dropped transfer gear oil
1766	A40G	1/14/2024	DEF tank frozen set up trailer on unit and left
1766	A40G	1/16/2024	Installed DEF fluid . Clear codes Put into a burn .
1766	A40G	1/17/2024	DEF quality, needs drain and flush. Maybe filters froze
1766	A40G	1/18/2024	Def tank needs to be flush and new filters
1766	A40G	2/7/2024	Drain def tank, frozen. Needs heat trailer and filters and remaining def drained and refilled
1766	A40G	2/7/2024	Flash DEF tank, change folders and perform a regeneration burn
1766	A40G	4/6/2024	Replace wiper blade, drove to unit
1766	A40G	4/22/2024	Inspected on why unit had a purple lock with no tag or description on problem. Fill all oils and fire up. Unit ran fine with no leaks.
1766	A40G	5/30/2024	Inspect unit. No major issues around fire Exinction doesn't have tag door window multiple crack. Front window crack.
1766	A40G	6/22/2024	Travel, run checks on unit, checking components, back up alarm quite, blew out and works good

1766	A40G	7/6/2024	Complaint of 6x6 not engaging. Travel to unit and test drive. Stop and go on soft sand ramp, 6x6 and diff locks seem to be working as they should. Operator may be unfamiliar with machine. Travel back to shop.
1766	A40G	10/19/2024	Travel to dump. Inspect for noise in front end. Blower motor making slight rubbing noise on first start up.
1766	A40G	11/1/2024	Trouble shot and repair SCR codes (engine derate)
1766	A40G	11/2/2024	Check unit over for vibration. Drive unit around. Transmission was way over filled. Got service out to drain down levels.
1766	A40G	11/4/2024	Service
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1766	A40G	11/21/2024	Travel, started unit no codes, logged codes for stationary regen required, let unit warm up, performed DEF pump and SCR function tests to make sure performing properly-passed, performed stationery regen
1766	A40G	11/23/2024	Replace wiper
1766	A40G	11/24/2024	Travel to unit, started unit but need a parked regen, warmed unit up and let it do a burn, diagnosed air lines for lockup frozen, cleared lines checked air dryer- need new cartridge, added meth to system and tested
1766	A40G	12/5/2024	Travel to unit, complaint of SCR fault, derate soon. Connected scan tool, only active code was SCR inducement. Ran SCR verification test and service regen - no other codes come active. Cleared codes and test drove around laydown, no issues return.
1766	A40G	12/8/2024	Travel to unit, complaint of SCR warning on dash. Connected scan tool and found active code for SCR inducement, no other active codes. Ran tests to try trigger another code but nothing coming active. Ran SCR verification test a second time and found outlet lambda low range failed test. Ran out of time, wrapped up.
1766	A40G	1/30/2025	Try fix scr code cleaned nox sensor but will need computer
1766	A40G	1/31/2025	Travel to unit, SCR fault and full derate active. Connect scan tool, found active code for SCR inlet NOX sensor performance. Attempted SCR system verification test but unable to get unit up to temp due to full derate. Work orders show one sensor changed in fall 2023 but doesn't say which - need to order sensor.
1766	A40G	1/31/2025	Heat/start
1766	A40G	2/4/2025	Go get heater pack up bring to unit & set up

1766	A40G	2/4/2025	Travel to unit, find and setup heater. Remove panels, R&R inlet and outlet NOX sensors, reassemble. Startup unit, error still active for NOX sensor performance - connected scan tool to run SCR system verification, due to cold weather and full derate limiting engine to idle had to tarp in engine and cycle box repeatedly to raise coolant temp to 160deg. Ran SCR test until test completed and NOX sensor code deactivated. Cleared inactive codes, warning still active for low coolant - called for day shift to top up. Wrapped up and travelled back to yard.
1766	A40G	2/6/2025	Codes on plug in bad quality if def warm up tank clear codes codes are gone put in high idle check later no codes good to go
1766	A40G	3/5/2025	Boost a get unit up to temp a perform burn a cleared codes. Replaced belly pan and had service add coolant
1766	A40G	6/8/2025	Travel to unit to boost, spent time troubleshooting battery disconnect but found additional switch tripped. Ran unit and found SCR warning, full derate. Waited for laptop to be delivered. Tried connecting scan tool but no response from truck - inspected OBD connector and found pins bent and pushed out. Repaired connector and got scan tool to work, found code for no DEF flow. Ran DEF pump test and system wouldn't prime. Disassembled and inspected DEF system, found suction strainer packed with sand and dirt. Lowered belly pan, called lube guys to flush tank and replace filter. Pack up and travel back to yard.
1766	A40G	6/8/2025	Travel, installed new DEF filter and screen, reassembled unit and testing- still SCR fault, testing unit and components with computer, thinking DEF pump is shot
1766	A40G	6/9/2025	Travel to unit, r&r DEF pump. Spent extra time because new pump missing air fitting and don't have tooling to release old lines. Reassembled truck, ran pump verification 3x and passed. Ran regen, had DPF differential pressure code come active at 80% complete. Checked pressure ports and wiring to sensor, no apparent issue. Found pressure sensor still reading 5psi while shut off, need to order sensor. Wrap up and travel back.
1766	A40G	6/11/2025	Travel to unit, r&r DPF pressure differential sensor. Warm up unit, clear codes, run service regen to completion. Pressure diff reading holding around 0.3-0.4psi, no codes return. Reinstalled all guards and released machine, cleanup and travel back.
1766	A40G	7/9/2025	250 hrs service
1766	A40G	7/17/2025	Service
1766	A40G	7/17/2025	Service Couldn't finished, waiting for trans filter
1766	A40G	7/17/2025	Engine code active, diagnosing EGR temp sensor faulty- ordered

1766	A40G	7/18/2025	Service
1766	A40G	7/18/2025	Took egr temp sensor out of unit 1770 and installed onto in this unit , unit is up