



V.R.S. SALES SERVICE CHECK LIST



Inspection date
 Agency

Technician
 Apparatus no.

Apparatus

Manufacturer	E-ONE
Model	CYCLONE TC
Build/Serial no.	13113
Hour meter	3907
ENG Oil type & capacity	28QT 15w40
Transfer case oil & capacity	5QT 80w90
Air filter	50016
Trans filter	N/A

Chassis

Make	E-One
Model	N/A
VIN	4ENDABA87R1003113
Year	1994
Odometer	27783
Oil filter 1)	1970
Fuel filter 1)	NAPA 3120/3210
Coolant filter	N/A

Legend:

X = Acceptable visually, checked, or work conducted **R** = Requires repair or adjustment
U = Unsafe condition requires repair prior to use **C** = Corrected **NA** = Not applicable

Engine and Cooling Systems:

- | | | |
|---|--|----|
| X | Change engine oil | X |
| X | Change engine oil filter (s) | X |
| X | Oil level and condition | X |
| R | Oil leaks | X |
| X | Change fuel filter (s) | X |
| X | Fuel system for leaks | |
| X | Fuel system plumbing condition | |
| X | Power steering fluid level | X |
| X | Power steering pump and plumbing | X |
| X | Coolant level | X |
| X | Coolant hose condition and leaks | X |
| X | Radiator | NA |
| X | Radiator cap pressure | NA |
| X | Fan mounting bolts and adjustment | NA |
| X | Fan shroud clearance and condition | NA |
| X | Fan clutch or shutters operation | X |
| X | All belts,pullys condition& adjustment | X |

- X Replace air filter element
- X Air intake tubes and hoses
- X After-cooler / intercooler tubes & hoses
- X Turbo charger / blower
- X Inspect motor mounts

Transmission

- X Auto trans fluid level
- X Auto trans mounting and condition
- X Auto trans and plumbing for leaks
- X Auto trans lockup system
- Manual trans oil level
- Manual trans mounting
- Manual trans for leaks
- Change external filters
- Transmission mounts
- PTO and shafts

Comments on engine and cooling systems inspection:

Oil leak (engine)

Chassis and Components

	Steering				Brakes
X	Steering linkage and tie rods		X		Brake condition (amount of material)
X	Steering box mounting		X		Brake adjustment and operation
NA	Manual steering box fluid level		R		Air brake valves and tanks
X	Hydraulic assist cylinders & components	X			Lubricate brake pedal pivot pin
X	Steering shafts & U joints	X			Drain air tanks and check air dryer
X	Lubricate all components		X		Air brake lines and chambers
			X		Air brake leaks and buildup
	Front axle		NA		Hydraulic brakes for leaks
X	Front spring and shock condition		NA		Hydraulic brake components
X	Front wheel bearings and king pins		NA		Hydro-vac operation and mounting
NA	Oil condition and level front hubs	X			Parking brake operation
X	Lubricate king pins	X			Slack adjuster and condition
X	Lubricate all spring pins	X			Lubricate slack & S cam bushing
			X		Inspect air compressor & operation
	Rear axle				
X	Rear spring condition				Exhaust system
X	Rear spring torque tubes and shocks	X			Exhaust system and muffler
X	Axle flanges for leaks and tightness	NA			DEF fluid level
X	Differential fluid level and condition	NA			DEF tank
X	Lubricate all spring pins	NA			DPF system
			X		All mounting points
	Driveline				
X	Driveline U-joints and yokes				Fuel system
X	Driveline carrier bearings	X			Fuel tank and plumbing for leaks
X	Lubricate all U joints and slip yokes	X			Fuel tank mounting
	Tires/Wheels				Frame
X	Tire and wheel conditions	X			Inspect frame and cross members
X	Lug nuts for torque				
	Tire tread depth Front D <input type="text" value="12"/> P <input type="text" value="12"/>				
	Rear D1 <input type="text" value="14/10"/> D2 <input type="text" value="22/22"/> P1 <input type="text" value="22/22"/> P2 <input type="text" value="6/8"/>				
	Tire Pressure D <input type="text" value="91"/> P <input type="text" value="89"/>				
	Rear D1 <input type="text" value="89/91"/> D2 <input type="text" value="92/89"/> P1 <input type="text" value="88/90"/> P2 <input type="text" value="88/86"/>				

Cab and Body

Cab	Body
X Cab mounting and tilt mechanism	X Compartment door latches
X Cab frame and sheet metal	X Compartment door and hinge condition
X Door mounting and latches	R Body compartment condition
X Windshield wipers & washer fluid	X Step and auxiliary equipment condition
X Cab glass condition	X Lubricate all door latches and hinges
X Cab seat condition and mounting	R Compartment lighting
X Seat belt condition and mounting	X Body condition
X Steering wheel mounting and alignment	X Body mounts
X A/C operation	
X Heater and defroster operation	
X Mirrors condition/electric operation	
X Window operation	
X Lubricate all hinges and latches	
X Interior dome lighting	

Cab and Body Electrical

Lighting	Electrical system
X Headlights and high beams	X Battery condition (clean terminals)
X Parking and clearance lights	X Battery original rating V/CCA 950
X Tail and stop lights	X Current readings
X Backup lights and alarm	929 918 988 983
X Turn signal and hazard operation	X Alternator rating V/AMPS 14.5
NA Cab spot lights operation	X Alternator output V/AMPS 13.2
X Auxiliary light operation	X Charging at batteries
X Front warning lights	X Low voltage system
X Rear warning lights	X Shore line charger output
NA Underbody lights	Generator/Inverter
X Intersection warning lights	X Run generator of inverter
NA Body deck lights	X Check fluid level
X Scene lighting	X Check all 110V/220V lighting
Audible devices	
X Siren function	
X Air horn function	
X City horn function	

Drivers rear lower compartment light out
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Door damage upper rear drivers compartment.

Ladder control box latch/ Air tanks starting to rust out
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Tires dry rotted (cracked)

	Pump heater		Checked operation valves
NA	Check for coolant leaks	NA	Bypass valve
NA	Check for motor operation	X	Cooler valve
		X	UL counter
	Pump Shift	NA	Pump relief valve Checked
X	Lubricate linkage		screen if Darley
X	Check operation		
	Packing		Inspect for leaks
R	Check packing for leaks at 50 psi	X	Water tank
		X	Foam tank
R	Check packing for leaks	X	Related lines
	Autolube cover		Lubricate front bearings
NA	Change oil	NA	Waterous & twin flow
NA	Check oil for contamination		
	Tank suction & tank fill	X	Foam system
R	Check valves for leakage	X	Condition of foam lines
X	Check operation	X	Condition of foam
NA	Check & lube dumps	X	Inspect & run foam system
		X	Inspect & clean foam screen
		X	Lubricate Foam Pro motor
	Lighting		Hose Reel
X	Pump engagement		Electric Rewind Operational
X	OK to pump (dash & panel)	NA	Leaks
X	Pump panel lights	NA	
X	Pump compartment lights		
NA	Gauge lights (open-close for valves)		
	Compressor		Completed by <input type="text" value="Select"/>
NA	Check CAFS system for operation		
NA	Check CAFS system for leaks		

Comments and Notations

One tank level light out (MC Products)

Panel gauge heater fuse cover broken

Tank suction and tank fill leaking (Akron 3in, 1.5in)

Discharge #2 gauge bad and valve leaks(2 1/2 Akron)/ Auxiliary intake on panel leaking

Pump gear box leaking input/output

Technician Zack Morrissey