DAILY MAINTENANCE BOXXER 318
Check the engine oil level. Add oil if needed.
Check the high pressure pump oil. Add oil if needed.
Inspect and clean the recovery tank filters.
Inspect and clean the orifices and filters.
Inspect and clean the garden hose screen.
Inspect the truckmount for water and oil leaks, loose electrical connections, etc. and repair as needed.
Lubricate the blower lube port with HydraMaster-recommended spray lubricant.

INTERVAL IN HOURS BOXXER 318

Engine oil and filter	Change engine oil and filter after first 8 hours; afterwards, change the engine oil and filter every 50 hours. (Every 25 hours if operating in high ambient temperatures or heavy use conditions.)
Blower oil	Change the blower oil after first 100 hours of use.
High pressure pump oil	Change high pressure pump oil after first 50 hours of operation. (Every 500 hours thereafter.)

SERVICE	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800	825	850	875	900	925	950	975	1000	1025	1050	1075	1100	1125	1150	1175	1200
Inspect recovery tank filters for tears, holes, etc. Repair or replace as needed.	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
Inspect the vacuum relief valve. Clean and lubricate as necessary.	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
Clean the recovery tank thoroughly with pressure washer.	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
Check the oil level in the blower. Add oil if needed.	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
Check the pump drive belt for wear and proper tension. Tighten as needed.	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
Check all the hoses and wiring for wear and chafing. Secure as needed.	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
Flush the water and chemical systems with solution of equal parts white vinegar and water.	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Check all the nuts and bolts. Tighten as needed.*	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
Change the engine oil and filter every 50 hours. (Every 25 hours if operating in high ambient temperatures or heavy use conditions.)		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R		R
SERVICE	**25**	**50**	**75**	**100**	**125**	**150**	**175**	**200**	**225**	**250**	**275**	**300**	**325**	**350**	**375**	**400**	**425**	**450**	**475**	**500**	**525**	**550**	**575**	**600**	**625**	**650**	**675**	**700**	**725**	**750**	**775**	**800**	**825**	**850**	**875**	**900**	**925**	**950**	**975**	**1000**	**1025**	**1050**	**1075**	**1100**	**1125**	**1150**	**1175**	**1200**
Check the engine air filter. Clean or replace as necessary				CH				CH				CH				CH				CH				CH				CH				CH				CH				CH				CH				CH
Check the water level in battery. Fill as needed.				CH				CH				CH				CH				CH				CH				CH				CH				CH				CH				CH				CH
Clean the battery terminals as needed.				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I
Replace spark plugs.				R				R				R				R				R				R				R				R				R				R				R				R
SERVICE	**25**	**50**	**75**	**100**	**125**	**150**	**175**	**200**	**225**	**250**	**275**	**300**	**325**	**350**	**375**	**400**	**425**	**450**	**475**	**500**	**525**	**550**	**575**	**600**	**625**	**650**	**675**	**700**	**725**	**750**	**775**	**800**	**825**	**850**	**875**	**900**	**925**	**950**	**975**	**1000**	**1025**	**1050**	**1075**	**1100**	**1125**	**1150**	**1175**	**1200**
Check the coupler element (rubber insert) for cracks or wear. Replace as necessary.										CH										CH										CH										CH								
Check the fuel lines. Repair or replace as needed.												CH												CH												CH												CH
Clean and gap the spark plugs to 0.030". Replace if excessive carbon buildup is visible.												C/I												C/I												C/I												C/I
Change the fuel filter.												R												R												R												R
Change pump drive belt.												R												R												R												R
SERVICE	**25**	**50**	**75**	**100**	**125**	**150**	**175**	**200**	**225**	**250**	**275**	**300**	**325**	**350**	**375**	**400**	**425**	**450**	**475**	**500**	**525**	**550**	**575**	**600**	**625**	**650**	**675**	**700**	**725**	**750**	**775**	**800**	**825**	**850**	**875**	**900**	**925**	**950**	**975**	**1000**	**1025**	**1050**	**1075**	**1100**	**1125**	**1150**	**1175**	**1200**
Change the blower oil.																				R																				R								
Change the high pressure pump oil.																				R																				R								
Check the engine valve clearance (intake and exhaust 0.004" - 0.006")																				CH																				CH								
Change the fuel filter.																				R																				R								
Check the coupler element (rubber insert) for cracks or wear. Replace as necessary																				CH																				CH								
SERVICE	**25**	**50**	**75**	**100**	**125**	**150**	**175**	**200**	**225**	**250**	**275**	**300**	**325**	**350**	**375**	**400**	**425**	**450**	**475**	**500**	**525**	**550**	**575**	**600**	**625**	**650**	**675**	**700**	**725**	**750**	**775**	**800**	**825**	**850**	**875**	**900**	**925**	**950**	**975**	**1000**	**1025**	**1050**	**1075**	**1100**	**1125**	**1150**	**1175**	**1200**
Change air filters.																																								R								
Check plug wires. Replace as necessary.																																								CH								
Check carburetor. Clean or replace as necessary.																																								CH								
Replace the coupler element (rubber insert) for cracks or wear. Replace as necessary																																								R								
Clean the heat exchanger core.																																								C/I								

* Check engine and blower mounting bolts, coupler retaining bolts, exhaust fasteners, etc.

Adjust	A
Check	CH
Clean and Inspec	C/I
Clean and Lubricate	C/L
Flush	F
Replace	R