

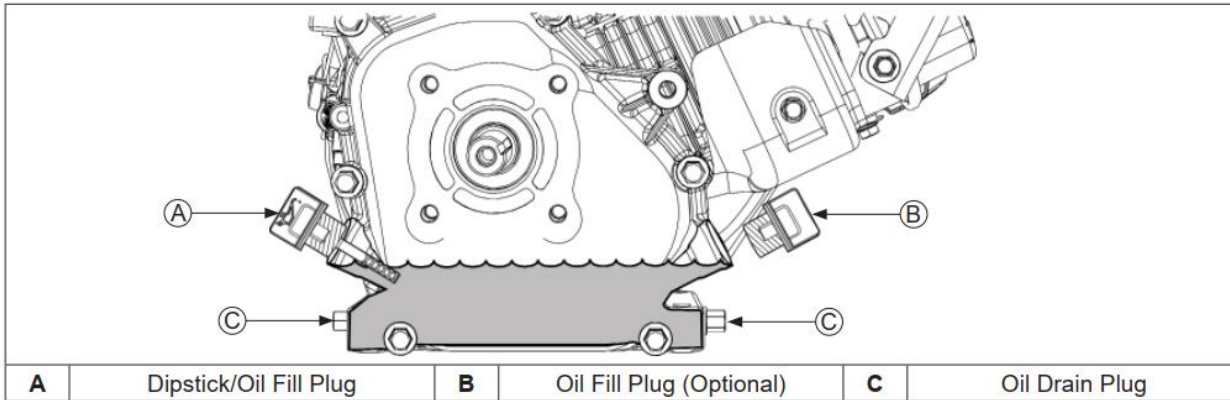
4 MAINTENANCE

Table A: Maintenance Schedule

Maintenance Procedure	Before Each Use	After Each Use	End of Day	Every 100 Hours	Every 200 hours
Check Engine Oil Level	X				
Check Compressor Oil Level	X				
Close compressor tank drain valves (both)	X				
Check all connections for all hoses, spray wands, belts, transfer kits.	X				
Check sealer consistency inside tank. Add water to compensate for evaporation.	X				
Use agitation cycle to circulate sealer for 2-3 minutes.	X				
Clean spray tips		X	X		
Open both compressor tank drain valves			X		
Flush lines with water			X		
Clean strainer			X		
Change compressor oil					X
Change engine oil, clean engine air filters				X	
Inspect manual agitation system: external gaskets and internal paddle mechanism including replaceable paddle gaskets				X	
Inspect and tighten any clamps, screws, or other fasteners				X	

4.1 Changing Engine Oil

Place the engine on a level surface and place a suitable container under the drain plug bolt



1. Remove the oil filler cap
2. Remove the drain plug bolt and drain plug washer
3. Drain the oil into a suitable container

Please dispose of used oil in a manner that is compatible with the environment. We suggest you take used oil in a sealed container to your local recycling center or service station for reclamation. Do not throw it in the trash, pour it on the ground, or pour it down a drain.

4. Install the drain plug bolt with a new drain plug washer and tighten it to the specified torque
 - a. Torque 18 N·m (13 ft. lb.)
5. Fill the crankcase with new oil, up to the point of overflowing filler neck, or to the FULL line on the dipstick
 - *Do not add commercial additives to the oil*
 - *Do not mix gasoline into the oil*
6. After adding the oil, check the oil level on the dip stick.
7. Install and tighten the oil filler cap securely
8. Make sure there are no oil leaks

4.2 Spark Plug Maintenance

Engine is equipped with following spark plugs:

Gap	0.76 mm (0.030 in.)
Thread Size	14 mm
Reach	19.1 mm (3/4 in.)
Hex Size	15.9 mm (5/8 in.)

4.3 End of season maintenance

1. Drain as much sealant from the tank into long term storage containers.
 - a. You can connect the recirculation hose to the storage tank and use the system to push sealant into the container
 - b. or use gravity feed
2. Partially fill the tank with water 15-20% full
3. Recirculate into the storage tank until only water comes out of the hose

4. Switch to spray mode and spray into the storage container until you see water coming out of the spray wand
5. Reconnect the hoses back to the AirBoss
6. Run the pump in re-circulate for several minutes to remove as much residue from the recirculate hoses
7. Run the pump in spray mode for several minutes to remove as much residue from the spray hose and wand
8. Manually rotate the agitation handle several times to clean off the paddles
9. Drain all the water from the tank
10. Run the system in recirculate mode until water is no longer flowing
11. Run the system in spray mode until water is no longer flowing
12. Stop the engine
13. Disconnect and drain all the hoses, and spray wand.
14. Open the drain plug at the bottom of the filter canister
15. Let any water drain from filter canister
16. Replace the drain plug
17. Power wash both the inside and outside of the bulk tank.
18. Drain the tank
19. Remove spray tip from spray wand
20. Submerge spray tip(s) and the quick connect end of the spray wand in soapy water for several minutes.
21. Clean the tips and quick connect fitting with a **NYLON** bristle brush (not brass or other metal brush)
22. Perform an oil change
23. Fog & Stabilize engine:
 1. Add fuel stabilizer to the gas tank
 2. Run the engine for 2-3 minutes to circulate the stabilizer
 3. Turn off the engine
 4. Remove the air filter cover
 5. Start the engine
 6. Spray engine fogger into the air intake until you see heavy smoke and the engine stalls
 - * If the engine does not stall on its own, turn the kill switch to off manually while spraying until the engine completely stops
 7. Re-install the air filter
 8. Remove the spark plug
 9. Pull the pull cord gently until the piston is near the bottom
 10. Spray engine fogging oil into the spark plug hole
 11. Turn the crank 2 full revolutions by pulling the pull cord gently this is to assure even coating on cylinder wall
 12. Replace the spark plug and spark plug wire
 13. If possible, store equipment out of weather in a shed or garage
 - a. If this is not possible, cover it with a tarp
 14. Store spare sealant in a place where it will not freeze