

Exclusion Gate Maintenance

Air Compressor - California Tools 4620AC

Air Compressor Full Manual: <https://docs.c-lockinc.com/?s=air+compressor>

- Drain Air Compressor Tank - Prevents rust in tanks
 - The frequency at which you should drain the tank depends on environmental conditions and amount of operating time.
 - **Drain at least once a week**
 - Drain valve is located on the underside of the tank.
 - Use a catch pan or attach a short length of hose to drain.
 - With compressed air in the tank, slowly open the drain until all water has drained out. Fully close drain to avoid leaks.
- Drain water separator
 - Water separator is designed to be self-draining once the water level reaches a certain point.
- Change Air filter
 - Air filters will become clogged over time, periodic cleaning increases compressor life.
 - **Clean Air Filters Monthly**
 - Open lid on filter, remove filter element.
 - To clean, blow off or brush off dirt and dust.
 - If clogged, replace with a new filter.



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MAINTENANCE

Draining the Air Tank

The frequency at which you should drain the air tank depends on the environmental conditions and the amount of operating time logged. The average draining frequency is every 2 to 3 days.

1. Place the air compressor above a container capable of holding water.
2. With compressed air in the air tank, slowly turn the drain valve knob to the forward (open) or straight position. The water in the air tank will drain out.
3. After all of the accumulated water has drained out, turn the drain valve knob to the closed or left position in order to avoid leakage.
4. Draining the air tank protects parts from rust and corrosion.

Cleaning or Changing the Air Filter

The air filter is designed to reduce noise and help prevent particulates in the air from entering and damaging the air compressor.

After being used for a period of time, the air filter will become clogged. This will reduce the air intake capabilities of the air compressor, reducing performance. Therefore, the air filter must be cleaned or replaced regularly.

1. Open the lid on the air filter, then remove the air filter element.
2. To clean the element blow off or brush off the dirt and dust.
3. If clogged, replace with a new air filter.

Testing for Leaks

Make sure all connections are tight. Do not overtighten.

A small leak in any hose or pipe connection will reduce the air compressor's performance.

To test for small leaks, spray a small amount of soapy water on the area suspected of leaking. If the soap bubbles, replace the broken part.

Cleaning

Clean items with a soft brush, or wipe with a moistened cloth using a biodegradable solvent.

Do not use flammable liquids such as gasoline or alcohol. Always keep parts clean from dirt and dust for better performance.

Pressure Switch

The pressure switch is factory pre-set to shut off at between 120 - 125 PSI and to re-start at between 90 -95 PSI

STORAGE

Before storing for a prolonged period of time:

1. Turn off the power supply.
2. Disconnect the power cord from the power supply and wrap the power cord around the air compressor handle to reduce the risk of damage.
3. Pull the relief valve and release all the pressure from the air tank.
4. Clean the air compressor to remove all dirt and dust.
5. Cover the air compressor with a cover to protect the unit from dust and moisture.
6. Do not stack or store any items on top of or around the air compressor. Damage could occur.

⚠ CAUTION

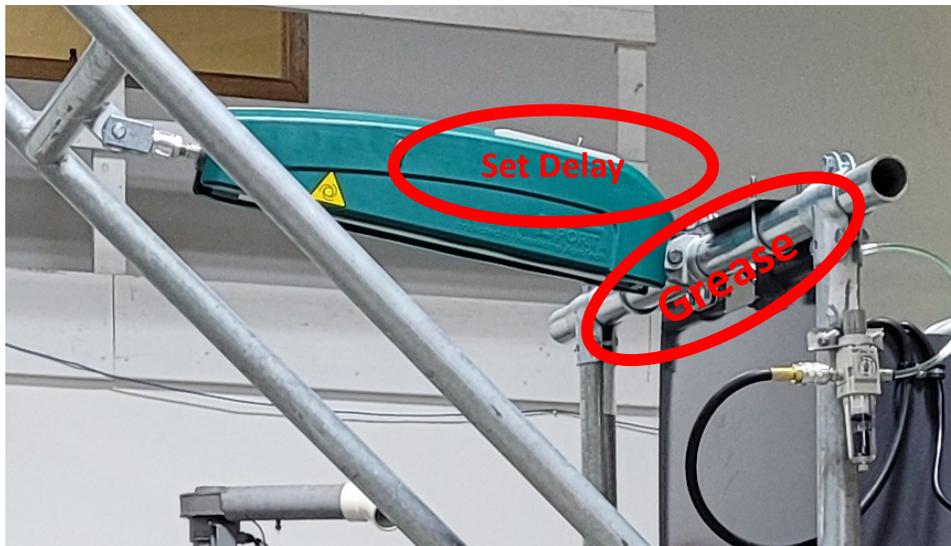
**TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT EXPOSE TO RAIN.**

STORE INDOORS.

Exclusion Gate Maintenance

Exclusion Gate

- Grease Gate
 - Gate has a grease zerk in the middle of the main pivot point.
 - Add standard lubrication using a grease gun.
 - **Grease main pivot Monthly** or more frequently if necessary for smooth operation.
- Timing adjustments
 - The exclusion gate is set from the factory to remain closed for 40 seconds in between feed drops .
 - To adjust time delay, remove PCB from pneumatic piston.
 - Adjust PCB mounted rotary switch to set delay according to the attached table:



Explanation position-switch delay time *Time setting in sec.*

0 = 05 sec.	A = 100 sec.
1 = 10 sec.	B = 110 sec.
2 = 20 sec.	C = 120 sec.
3 = 30 sec.	D = 130 sec.
4 = 40 sec.	E = 140 sec.
5 = 50 sec.	F = 150 sec.
6 = 60 sec.	
7 = 70 sec.	
8 = 80 sec.	
9 = 90 sec.	