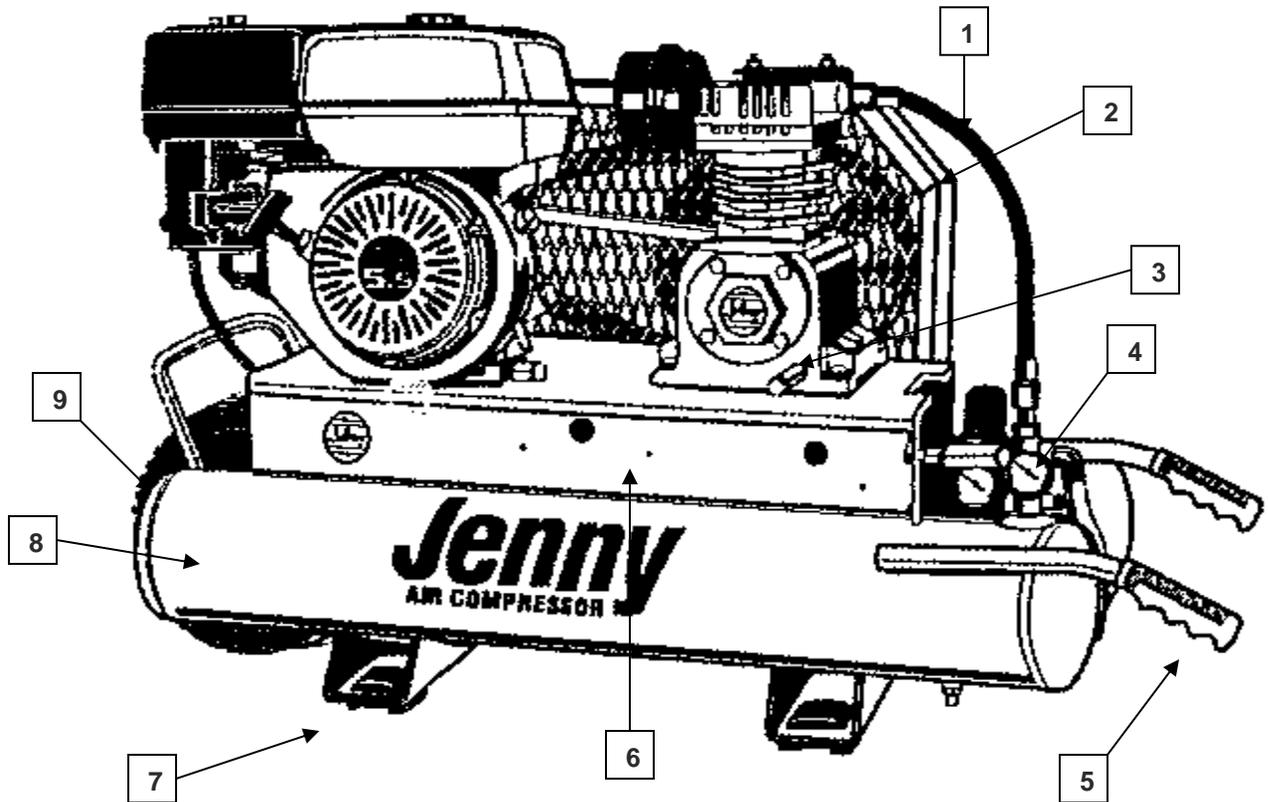


Air Compressor Identification and Safety Worksheet

Part 1: Identify the numbered parts on the compressor illustrated below.



1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

Part 2: Safe Operational Procedures

1. Pre-start check list

1. Make sure switch is in the off position.
2. Check to see that the air tank has been drained. Tank pressure should read -0-.
3. Check to see that the safety valve is working properly by pulling valve in and out.
4. Tighten drain valve.
5. Check oil.
6. Make sure guards and fittings are in place and secure.

2. Do's and Don'ts

1. Do read the operators manual before you use any power tool.
2. Make sure that you use the right type of oil, and that the oil is changed every 200 hours.
3. Don't use the air compressor without a regulator and NEVER exceed the recommended air pressure for the tank.
4. Don't use the air compressor for inflating small objects, such as toys, footballs, basketballs, or blow-up swimming pools.

3. Maintenance - turn off compressor, drain tanks, and let compressor cool off.

Everyday

- ✓ Check oil
- ✓ Check for air and oil leaks
- ✓ Check drain condition

Weekly

- ✓ Check air filter
- ✓ Wipe down and clean compressor

Monthly

- ✓ Check safety relief valve
- ✓ Change oil
- ✓ Change air filter

Part 3: General Safety Practices

1. Do not operate air compressor without permission from the instructor.
2. Double check all safe operating procedures before you start.
3. When using an electric compressor, make sure the power source does not meet any water (rain or standing water).
4. When using a gas compressor, make sure the gas container is at least 15 feet away from the compressor.
5. Make sure you use only OSHA approved gas containers and keep them away from any heat source and out of the sun.
6. If you are using a "noisy" air compressor, make sure you are using adequate ear protection.
7. Always disconnect your power tool from the hose when you stop for break, lunch, or any prolonged period that you are not using the air compressor
8. Check the air hoses and connectors for cuts and damage.

Part 4: Completion Questions

1. The air compressor comes in 2 different kinds of power sources. You can use either a _____ or _____ compressor.
2. You should never use a _____ compressor indoors to avoid _____.
3. The best way to clean up your area after work is with an _____ air nozzle.
4. The _____ is used to adjust the air pressure.
5. Electric air compressors come in either _____ or _____ volt for preference of the owner.
6. Gas containers for the compressor should be _____ or _____, according to OSHA rules.
7. If the compressor keeps running, and won't fill up, the _____ may be open.
8. You can find the appropriate air pressure for a tool in its _____.