

1 2008 instruction manual for atlas copco compressor model gx 7

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How to Operate and Troubleshoot Atlas Copco Air Compressors**

Starting Procedures of an Atlas Copco Compressor

1. **Turn on the power switch:** Locate the power switch on the compressor and flip it to the "on" position.
2. **Activate the compressor:** Press the "start" button to activate the compressor.

How an Atlas Copco Air Compressor Works

1. **Air Intake:** Air is drawn into the compressor through the air intake valve.
2. **Compression:** The air is compressed by the piston or screw mechanism, increasing its pressure.
3. **Cooling:** The compressed air is then cooled by an intercooler to reduce its temperature.
4. **Storage:** The compressed air is stored in the receiver tank.
5. **Delivery:** When demand arises, the compressed air is released through an outlet valve.

How to Use a Compressor for the First Time

1. Read the manufacturer's instructions carefully.
2. Fill the oil tank as per the specified grade and quantity.
3. Check for leaks in the piping or connections.
4. Run the compressor for a few minutes to check its operation.

Temperature High for Atlas Copco Air Compressor Element

The normal operating temperature for an Atlas Copco air compressor element is typically below 200°C (392°F).

Why Your Compressor Won't Turn On

- Faulty power switch
- Blown fuse or tripped circuit breaker
- Loose or damaged wiring
- Pressure switch malfunction

Troubleshooting a Compressor

1. Check if the compressor is receiving power.
2. Check the pressure switch for proper operation.
3. Inspect the piping and connections for leaks.
4. Measure the voltage and amperage with a multimeter.

How to Fix a Compressor That Is Not Running

- Replace the power switch or circuit breaker if faulty.
- Check and tighten electrical connections.
- Replace the pressure switch if malfunctioning.
- Call a qualified technician for further troubleshooting.

Starting Procedures of an Air Compressor

1. Ensure the power is disconnected.
2. Open the drain valve to release any moisture or debris.
3. Close the drain valve and connect the power.
4. Activate the compressor by pressing the "start" button.

How to Turn Off an Atlas Copco Compressor

1. Press the "stop" button on the compressor.
2. Flip the power switch to the "off" position.

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