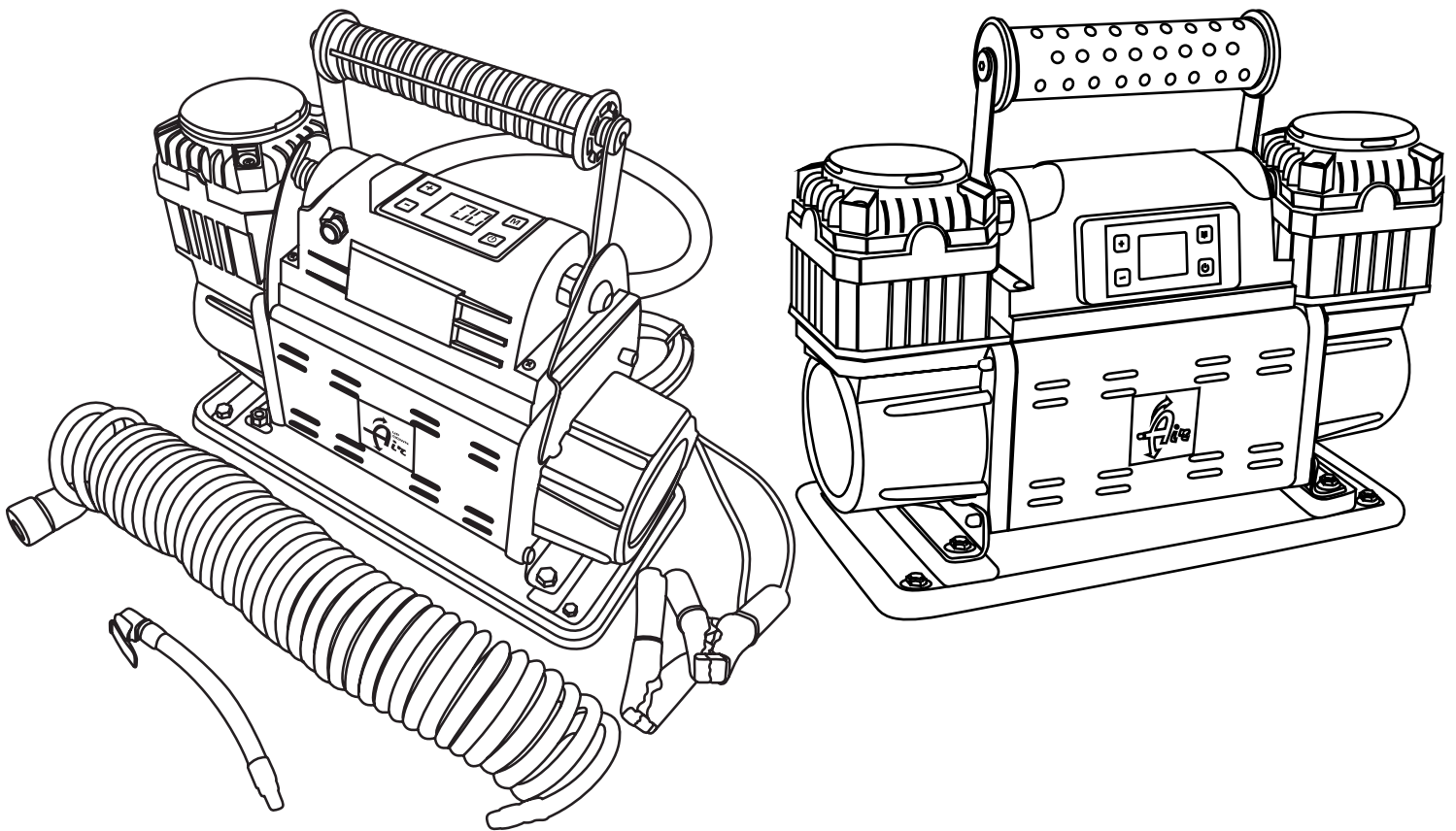




OVS

OVERLAND VEHICLE SYSTEMS

EGOI Portable Dual and Single Motor Digital Air Compressors Instructions



**CAREFULLY READ INSTRUCTIONS
PRIOR TO THE FIRST USE OF THE
EGOI DIGITAL AIR COMPRESSORS**

EGOI Portable Digital Air Compressors

SET-UP & CARE INSTRUCTIONS

GET TO KNOW YOUR AIR COMPRESSOR

We recommend you check all parts are included prior to first use.

Technical Data	Single Motor Compressor	Dual Motor Compressor
INPUT VOLTAGE	12 VOLTS DC	
MAX PRESSURE	150 PSI	
WEIGHT	TBA	19 LBS
MAX AMP DRAW	45	90
OVERCURRENT PROTECTION	120 AMPS	
DUTY CYCLE	45 MINUTES AT 40 PSI	25 MINUTES AT 40 PSI
MAXIMUM AIRFLOW	7.06 CFM	10.6 CFM
MIN OPERATING TEMPERATURE	-67°F	
MAX OPERATING TEMPERATURE	221°F	
EXTERNAL DIMENSIONS (INCHES)	13" x 6" x 11.5"	13.25" x 6" x 11.5"
THERMAL CUTOFF PROTECTION	221°F	
MOTOR TYPE	Permanent Magnet 12V Motor	
CYLINDER	Single - High Performance	Twin 2.36" - High Performance
POWER CORD LENGTH	7'	
AIRFLOW	200	300
AIR FILTER	Cleanable Sponge Filters	

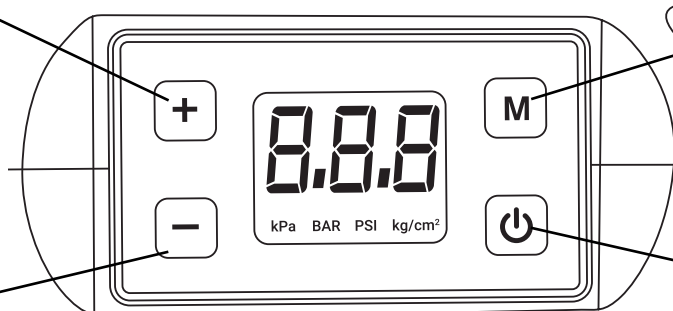
7.0 or 10.06 CFM Portable Digital Air Compressor
Hose with Screw-On Valve and Quick Connector
Thumb Lock Valve

Inflation Adapters
Alligator Clips
Storage Bag

HOW TO OPERATE YOUR COMPRESSOR

Increase Pressure

Decrease Pressure



Change unit of
measurement

Start/Stop

EGOI Portable Digital Air Compressors

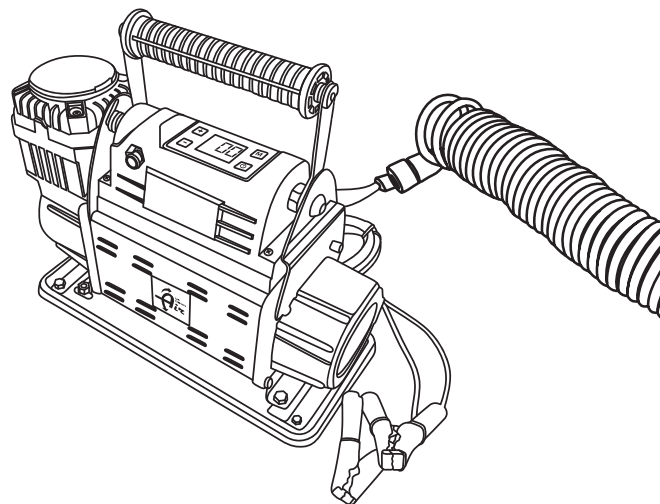
SET-UP & CARE INSTRUCTIONS

Before You Begin:

Check the compressor, hose, attachments, and power cable to ensure they are clean and undamaged.

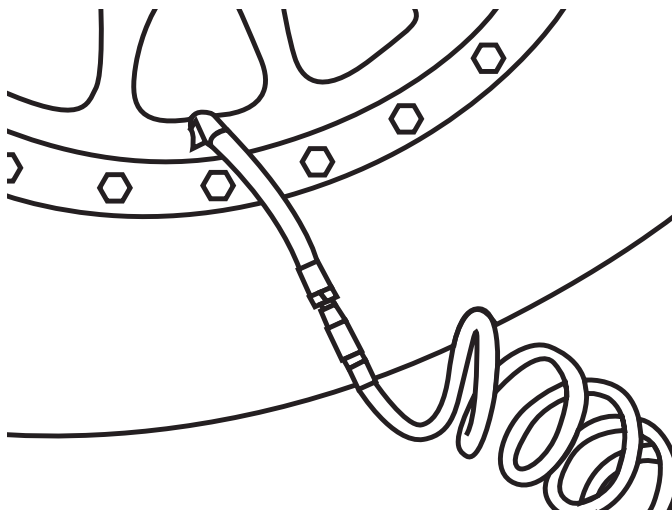
Inflation Preparation:

Position the compressor upright.

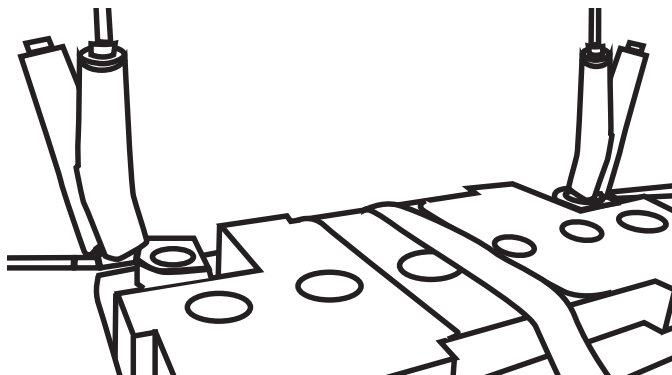


Attach the long hose to the compressor using the quick connector.

Secure the valve nozzle to the tire's valve stem.



Connect the compressor to the battery using the battery clamps.



Start your vehicle's engine.

EGOI Portable Digital Air Compressors

SET-UP & CARE INSTRUCTIONS

Automatic Inflation:

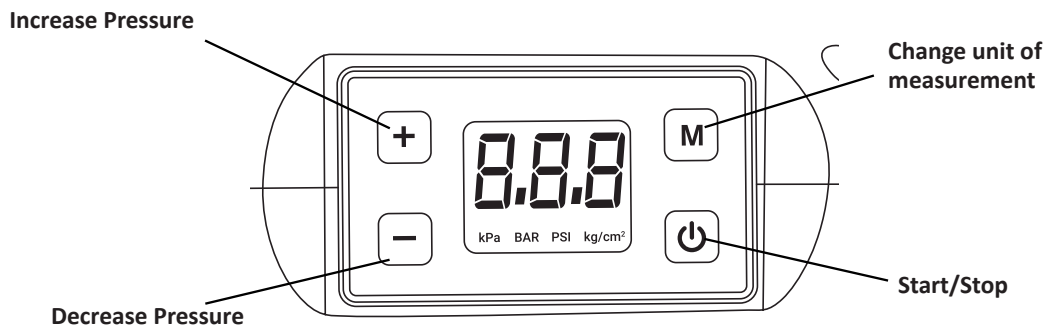
The default pressure is set to 30 PSI. Use the "+" or "-" buttons to adjust it to your desired tire pressure.

Wait for the display to stop flashing once the desired pressure is set.

Press the Start/Stop button to begin inflation.

The compressor will display a real-time pressure reading as it inflates the tire. It may start and stop intermittently to ensure accurate readings—this is normal operation.

Once the pre-set pressure is reached, the compressor will automatically stop, and the display will show the final pressure.



During automatic inflation this compressor will stop at random intervals for 1-2 seconds to ensure the tire pressure reading is accurate. This is normal operation and is not a malfunction or defect.

Manual Inflation:

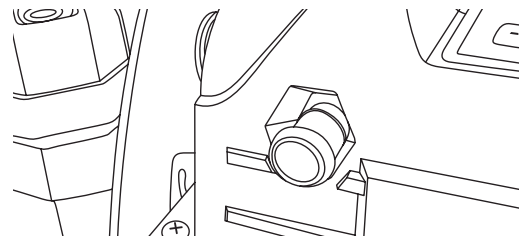
After connecting the compressor, press the Start/Stop button to begin inflation.

The compressor will run continuously without an automatic shut-off.

The display will show the real-time pressure, but for an accurate reading, periodically turn the compressor off and then back on.

PERFORMANCE TIPS

This compressor features a built-in pressure release valve. To release pressure from the air line or your tire, press and hold the button located on the backside of the compressor, behind the display, as shown.



EGOI Portable Digital Air Compressors

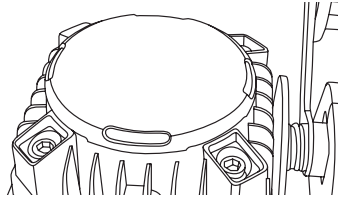
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SET-UP & CARE INSTRUCTIONS

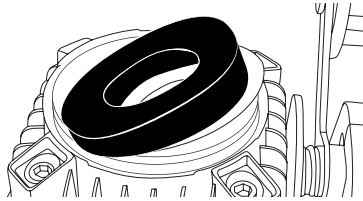
CLEANING

Filter Cleaning:

This compressor is equipped with two removable filters that can be cleaned. Follow these steps to clean them properly:



Use a plastic pry tool to carefully remove the plastic filter covers from both sides of the compressor.



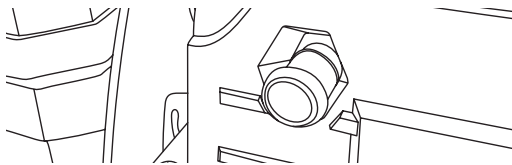
Take out the filters and rinse them with water only—do not use chemicals or soap. Allow the filters to dry completely in the shade before reinstalling them.

Exterior Cleaning:

Wipe the compressor with a damp rag. Avoid using chemicals or soap.

PERFORMANCE TIPS

This compressor features a built-in pressure release valve. To release pressure from the air line or your tire, press and hold the button located on the backside of the compressor, behind the display, as shown.



Issue	Possible Cause	Corrective Action
The compressor stops operating	1. Low Battery Voltage 2. Thermal Cut-Off Protection	1. Check the condition of the battery. Make sure the vehicle is running 2. Wait for the compressor to cool down for some time and try again.
Air Leaking	1. Air fitting is not fully attached	1. Confirm all the fittings are properly attached.
Poor Airflow	1. The Air filter is dirty or clogged.	1. Remove and Clean both air filters.

⚠️ WARNINGS

- The compressor will pause for 1–2 seconds at random intervals to ensure accurate tire pressure readings—this is normal operation.
- Always use the compressor in an upright position to prevent damage.
- Read all safety instructions before use to avoid injury.
- The compressor becomes hot during operation—handle with caution.
- Do not disassemble, modify, or attempt to repair the compressor. Contact a qualified service agent for repairs.
- Avoid using the compressor near water or liquids. If it comes into contact with water, unplug it immediately.
- Use only with a 12V DC system.
- If connecting to a vehicle battery, run the engine in a well-ventilated area.
- Never leave the compressor unattended while in use. This is not a toy and contains small parts. Keep away from children.
- The compressor will remain hot after use—avoid touching it with bare hands.
- Do not operate near open flames, flammable liquids, or gases.
- Use the compressor only for inflating atmospheric air.
- Do not use if feeling tired, drowsy, or under the influence.
- Avoid using unauthorized tools or attachments.
- Never point an air nozzle or sprayer at yourself or others.
- Always wear safety glasses or goggles when operating the compressor.
- Inflate tires only to the manufacturer's recommended pressure.
- Exercise caution when driving with partially deflated tires.
- Pay close attention to the pressure gauge when inflating small tires or inflatable items to prevent damage.



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