



12V Air Compressor

SWAC19

Operating instructions

The 12V Air Compressor has been engineered to service many different tyres for cars, vans, X's etc., plus many other inflatable items.

Please read the entire instruction manual before use and retain for future reference.

IMPORTANT Your battery may not be at full strength. It is essential therefore that you keep your engine running when operating the compressor. This will also shorten inflation time. Do not do this in a closed garage due to the fumes circulating in a confined space.

1. Safety - Warning! Never leave the compressor unattended whilst it is in operation.

The compressor is not to be used for long period otherwise it may overheat. Do not use the compressor for more than 10 minutes at a time. If a prolonged period is required then switch off the compressor and allow to cool for several minutes then resume. For higher pressures (pressure over 5 bar), let the compressor rest after 10 minutes of continuous use. **If the compressor overheats, switch it off and let it cool for 30 minutes before you start it again.**

Tyres are marked with their maximum pressure in psi or bar – always refer to the manufacturers guide on tyre pressure, never exceed the stated psi/bar

NOTE: Tyres will not expand at the same rate during the final phase of inflation as it does at the beginning of this process. This is due to the fact that air flow into the tyre from the compressor decreases as the required tyre pressure is reached. Check with tyre pressure gauge for accurate inflation.

INFLATION TIME Inflation time will vary depending on the article inflated and the pressure required.



1. 12V power cable compartment.
2. ON/OFF switch.
3. LED light ON/OFF switch.
4. Digital Pressure Gauge.
5. Air hose with connector compartment.
6. Adapter for inflating rubber dinghies, airbeds, etc.
7. Adapter for inflating bicycle tyres (Woods/Dunlop valve).
8. Adapter for inflating footballs etc.

2. Operation - Inflating tyres

- Insert the 12V plug into your 12V power socket.
- Screw the connector onto tyre valve.
- Press the "R" button to select desired pressure unit, psi, bar, kpa or kgf/cm².
- To inflate the tyre to the recommended pressure (refer to the vehicle handbook or marking on the tyre itself) then set the Digital gauge to that pressure using the "+" & "-" buttons.
- Turn "ON" the power with the "ON/OFF" switch.



- When the Air Compressor reaches the desired pressure the unit will automatically cut-off, turn “OFF” the power with the “ON/OFF” switch (2). Un-Clip the connector (if you want a completely accurate pressure reading, use a tyre pressure gauge) when the inflation is complete unplug the compressor from the 12V power socket.

Other useful information

Store in a cool dry place with the air hose & power lead coiled and replaced in their compartments..

Car tyres should normally be inflated to pressures ranging from 1.65 bar (24 psi) to 2.2 bar (32 psi). Tyres for large vehicles might need a pressure up to 2.75 bar (40 psi). Tyres are generally marked with their maximum pressure in psi or bar on the tyre.

To Inflate Bicycle Tyres

- The bicycle adapter should be used for inflating bicycle tyres, follow the instructions overleaf.

Inflating Other Items e.g. inflatable toys, etc.

- Choose a suitable adapter nozzle or pump needle and insert it into the valve of the object which you want to inflate.
- Insert the 12V plug into your 12V power socket to start the pump.
- Unplug the 12V power plug when the desired pressure has been reached.

NOTE! Toys and air mattresses can burst if you over-inflate them! Never pump to a higher pressure than the one which is recommended.

4. Disposal - Follow local guidance when disposing of this product. If you are unsure how to proceed, contact your local authority.

5. Specifications

Power supply -	DC 12V, (centre positive)
Current draw -	Approx 10Amp @ 6Bar
Max pressure -	6.9Bar (100 psi)
Length of 12V lead -	280 cm
Air hose length -	60cm
Free air delivery -	30 L/min

CAUTION:

1. Do not inflate items beyond their needs. To avoid over-inflation carefully follow instructions on articles to be inflated. Do not exceed recommended pressures.
2. Bicycle tyres and other small articles will inflate relatively quickly.
3. Recreational items such as beach toys and air mattresses require low pressure. Inflate until firm.

INSTRUCTIONS IF COMPRESSOR FAILS TO START

Note: If the 12V power socket doesn't work from its socket, your compressor won't work from it either. If your compressor does not start, check the following.

1. Foreign matter may become lodged in 12V power socket. Carefully remove any obstruction using a suitable tool. Insert plug once more and turn several times to make good contact.
2. 12V power socket fuse may be worn or weak. If so, replace with a new 15Amp fuse.
3. Some 12V power sockets have a circuit breaker located directly behind 12V power sockets. It may have blown and should be replaced.

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