



12V AIR COMPRESSOR

OWNERS MANUAL



Please read this manual for proper operation and keep it for future reference.



TABLE OF CONTENTS

12V AIR COMPRESSOR

Section	Title	Page
1.0	Statements	
1.1	Safety Instructions	1
2.0	Getting Started	
2.1	Product Overview	2
2.2	Features	2
3.0	Operating 12V Air Compressor	
3.1	Description of operation	3
3.2	Inflating tyres	3
3.3	Inflatables	4
4.0	Product / Device Specification	
4.1	Specification	5
5.0	Product / Device Troubleshooting	
5.1	Troubleshooting	6

Please read this manual for proper operation and keep it for future reference.



SECTION 1.0

Statements

1.1 Safety Instructions

Warning

1. Work area safety.
 - a. Keep work area clean and well lit. Do not operate the compressor in dangerous surroundings, such as in the presence of flammable liquids, fire or gas.
 - b. Keep children away when operating the compressor.
2. Electrical Safety.
 - a. Compressor plug must match the outlet. Connect to 12V DC power source outlets only.
 - b. Do not expose compressor to rain or wet conditions.
 - c. Keep power cord away from heat, oil, sharp edges or moving parts.
3. Personal safety.
 - a. Stay alert, watch what you are doing and use common sense when operating this compressor.
 - b. Do not use this compressor while you are tired or under the influence of drugs, alcohol or medication.
 - c. Prevent unintentional starting, ensure the switch is in the OFF-position before connecting to power source or moving the compressor.

Caution

1. When operating this air compressor do not operate for more than 20 minutes at any one time.
2. Allow it to cool down at least 20 minutes before re-using.
3. Do not use the compressor if the switch does not turn ON and OFF.
4. Do not inflate tyres over the recommended pressure by the tyre manufacturer.
5. Operate the air compressor only with the accessories that are included.



SECTION 2.0

Getting Started

2.1 Product Overview

The 12V Air Compressor comes with a cigarette lighter plug that plugs right into your vehicles lighter socket to inflate tyres, balls, and other inflatables.

It includes a built-in pressure gauge meter to monitor the tyre pressure during inflation. The pressure gauge meter displays PSI values (red line) and BAR values (black line).

2.2 Features

1. Easy to read pressure gauge.
2. Compact and portable design for easy carrying and storing.
3. Suitable for inflating tyres and other inflatables.



SECTION 3.0

Operating 12V Air Compressor

3.1 Discription of operation

1. ON/OFF switch: "ON" to start and "OFF" to shut off the power.
2. Pressure gauge: read pressure values.
3. Air hose connector: used to inflate tyre or used with nozzle/needle to inflate inflatable object.
4. Ball needle: attached to air hose to be used to inflate sport balls.
5. Plastic inflatable nozzle: attached to air hose to be used to inflate various toys.

3.2 Inflating tyres

1. Open cover on the back of air compressor, take out air hose and power cord.
2. Start vehicle engine. Always set parking brake and ensure vehicle gear is in P position (or Neutral if equipped with manual transmission).
3. Attach the valve connector on the end of the air hose to the tyre valve stem and screw until tight. (See Figure 1)
4. Plug the cigarette lighter plug into your vehicle's lighter socket.
5. Switch the ON/OFF switch to the ON position to turn ON the compressor.
6. The Gauge needle will move according to the tyre pressure.
7. When the pressure gauge meter needle reaches the recommended tyre pressure value (found in vehicle owner's manual or on driver's side door jamb). Switch the ON/OFF swicth to the OFF position to turn OFF the compressor.
8. Unplug power cord and remove air hose connector.



Figure 1



SECTION 3.0

Operating 12V Air Compressor

3.3 Inflatables

1. Open the cover in the back of air compressor, take out air hose and power cord.
2. Start vehicle engine. Always set parking brake and ensure vehicle gear is in P position (Neutral if with manual transmission).
3. Attach the appropriate nozzle on the end of the air hose to the inflatable object.
4. Plug the cigarette lighter plug into vehicle's lighter socket.
5. Switch the ON/OFF switch to the ON position to turn ON the compressor.
6. The gauge needle will move according to the inflatable pressure.
7. When the pressure gauge meter needle reaches the recommended inflatable pressure value or inflatable object inflated to desired firmness. Switch the ON/OFF switch to the OFF position to turn OFF the compressor.
8. Unplug cigarette lighter plug and remove air hose nozzle.



SECTION 4.0

Product / Device Specifications

4.1 Specifications

Power Source	DC12V
Maximum Pressure	80PSI / 6BAR
Maximum Current	< 10A
Cable Length	2800mm
Air Hose Length	600mm



SECTION 5.0

Product / Device Troubleshooting

5.1 Troubleshooting

Compressor runs but does not inflate:

1. Be sure the air hose valve connector is fully secured to the tyre valve.
2. Check tyre for leaks. Check hose for breakages and leaks at fittings. Check valve core for damage.
3. Check to ensure the air hose is not damaged or twisted as this will prevent air flow.

Compressor runs slowly:

1. The compressor may have overheated from excessive use. Shut it OFF and allow it to cool for 20 minutes.
2. The voltage may be too low. Check the condition of your vehicle's battery.
3. Check to ensure the hose is not damaged or twisted as this will prevent air flow.
4. Dirty or damaged tyre valve. Clean or replace tyre valve assembly.