



# 12V 4WD DIGITAL AIR COMPRESSOR

USER MANUAL



PLU 708891

## WARRANTY

Our product is guaranteed to be free from quality and manufacturing defects for a period of **12 months**.

If your product becomes defective during this period, **SRGS PTY LTD** will offer you either a replacement, credit or refund where a product is faulty; wrongly described; different from the sample shown to you or do not do what they are supposed to do.

This warranty will not cover substantially modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and normal wear and tear.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

To claim the warranty, take the product to the front Service Desk of your nearest store of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim. Should you not be able to provide proof of purchase with a receipt or bank statement, identification showing name, address and signature may be required to process your claim.

Any expenses relating to the return of your product to the store will normally have to be paid by you. For online store purchases, **SRGS PTY LTD** will pay for the return freight for any product assessed as having a major failure.

The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.

This warranty is provided by **SRGS PTY LTD, 6 Coulthards Avenue, Strathpine QLD 4500, Australia. Phone: 1300 175 010.**

## WARNING

- Carefully read through this entire instruction manual thoroughly before attempting to operate this air compressor. Keep these instructions for future reference.  
Failure to do so could result in injury.
- Only operate the air compressor when it is upright. Failure to do so could cause damage.
- Burn Hazard: This air compressor will become hot during use. Use extreme caution when touching the air compressor.
- Choking Hazard: This is not a toy. This air compressor contains small parts not for children.

## CAUTION

- Do not disassemble. Do not attempt to repair or make modifications to the air compressor. Refer to a qualified service agent for all service and repairs.
- Do not use this air compressor near water or other liquids.
- If the air compressor comes into contact with water, unplug immediately.
- This air compressor is for 12V d.c. use only.
- If using your vehicle's battery, be sure to run the engine when the air compressor is in use. Only run your vehicle's engine in a well-ventilated area.
- Do not leave the air compressor unattended during use.
- Never allow children to operate or play with the air compressor. Supervise children when around the air compressor.
- The air compressor will become very HOT during use and will remain HOT for some time after use. Do not touch any parts of the air compressor with bare hands.
- Do not use this air compressor near an open flame or near flammable liquids or gases.
- Do not use this air compressor to pump anything other than atmospheric air.
- Never use this air compressor when tired, drowsy, or under the influence.
- Do not use any tools or attachments that were not included with the air compressor.
- Never point an air nozzle or sprayer at any part of the body.
- Wear safety glasses or goggles when operating this air compressor.
- Always inflate tyres to the manufacturer's recommended tyre pressure.
- Exercise extreme caution when driving with partially deflated tyres.
- Exercise caution when inflating tyres and inflatable items. Pay close attention to the pressure gauge to prevent damage.

## THERMAL CUT OFF PROTECTION

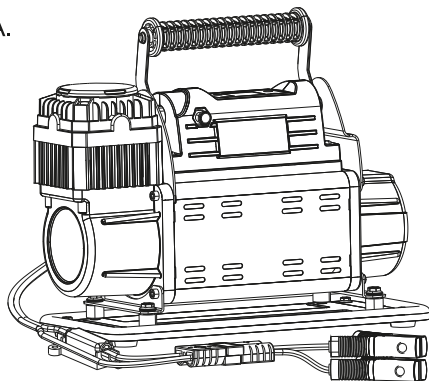
This air compressor is equipped with an automatic thermal cut out protection device. If the air compressor reaches an unsafe operating temperature, the protection circuit will cut the power to prevent damage. If the protection circuit activates; immediately disconnect the air compressor from the power source and allow it to cool.

The air compressor should take approximately 20 minutes to cool depending on ambient conditions. The protection circuit will automatically reset when the temperature returns to a safe operating level.

**NOTE:** The thermal cut out will operate when the motor reaches 105°C. The cylinder head will operate at a higher temperature. Please refer to the maximum duty cycle of the air compressor. Always allow your air compressor to cool before reuse.

## PARTS

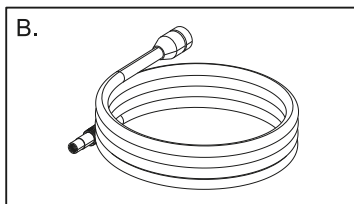
A.



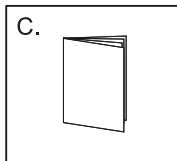
A: Air Compressor

B: Rubber Air Hose

B.

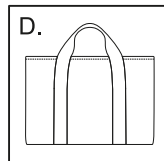


C.



C: Owners Manual

D.



D: Handy Carry Bag

## LED CONTROL




**WARNING:** This compressor is not designed to inflate sporting equipment or small tyres like bicycle tyres, wheel barrows, or hand trolleys. Failure to adhere to this warning could result in injury to yourself, others around you and equipment. This compressor is only suitable to be used on passenger vehicles.

## OPERATING INSTRUCTIONS



1. Remove the air compressor from the carry storage bag and place it on a dry level surface near the 12V d.c. vehicle battery or power source.
2. Connect the 8m rubber air hose to the air compressor by using the quick connect fitting.
3. Connect the air hose to the tyre by removing the valve cap (if equipped) from the tyre valve stem. Check that the tyre valve stem is clean and free from dirt. Screw the brass screw chuck onto the tyre valve stem. Finger tight the brass screw chuck only. DO NOT use any tools as you may damage the air compressor inflator and/or the tyre valve stem.
4. Connect the battery clamps to your 12V d.c. vehicle battery or power source's - Red for POSITIVE (+) post and Black for NEGATIVE (-) post or the 50 Amp connector to your 12V d.c. vehicle battery or power source depend on your needs. Turn on the vehicle engine. The LED display will lit on and show the tyre pressure.
5. Presses the "M" button to cycle through the available pressure units: kPa, BAR, PSI and kg/cm<sup>2</sup>. Follow step 6 or step 7 based on your specific needs.

### 6. To inflate the tyre in pre-set mode:

Pre-set pressure range from 1 to 150 PSI and the default factory setting is 30 PSI. This mode has memory function e.g. if you set the pressure at 10 PSI, the air compressor will start from 10 PSI when its turned "ON" next time. Press "+" or "-" button to set a desired tyre pressure. After the LED display stops blinking and stays lit up, press the  to start inflation. It will stops automatically while the preset pressure is reached.

NOTE: In the pre-set mode, the air compressor has some random stops of 1-2 seconds during each inflation, which is normal.

### 7. To inflate the tyre without a pre-set pressure:

This compressor can inflate tyre without pre-set pressure up to maximum of 150 PSI. Just press the  button once, the air compressor will start inflating the tyre. Press the  button once again to stop the inflation while the desired pressure is reached.

NOTE: Tyre pressure readings during operation will not be accurate. Turn off the air compressor to obtain an accurate reading.

8. You can use the "pressure release button" which located underneath the LED control to deflate the tyre to desired pressure.
9. The screen will turn off automatically after 3 minutes of inactivity. You can press any button to restart the screen.
10. Remove the brass screw chuck from the tyre valve stem. Remember to refit the valve cap after you have completed the inflation process.
11. Disconnect the power cable from the 12V d.c. vehicle battery or power source.
12. Allow the air compressor to cool completely before putting back to the carry storage bag. Remember to store the air compressor in a dry location.

## MAINTENANCE

- Your air compressor is equipped with a permanently lubricated, maintenance-free motor. Never try to lubricate the air compressor.
- Your air compressor is also equipped with 2 washable filters under the black cover on the head. To clean: Remove the cover on the head and remove both filters (foam and felt). Filters should be washed with warm fresh water (no chemicals). Drip dry in shade before replacing back into the air compressor.
- Regularly clean dust and dirt from the compressor, compressor cooling fins and motor housing.

## ERROR CODE

INDICATOR	FAULT	SOLUTION
<i>F03</i>	The pressure is over 150 PSI.	Deflate the tyre or other product you are inflating until the pressure is within normal range.
<i>ERR</i> (ERR)	During inflation, the compressor will pause intermittently to adjust the digital pressure. An "ERR" message will be displayed if the current pressure falls below the pressure recorded at the previous pause.	Check if there is any air leakage and all the fittings are attached properly.
<i>HOT</i> (HOT)	The temperature of the inside motor is over 105°C.	Wait for the compressor to cool down for some time and try again.

## TROUBLESHOOTING

ISSUE	POSSIBLE CAUSE	SOLUTION
The Compressor Stops Operating	Low battery voltage.	Check the condition of the battery. Make sure the vehicle is running.
Not Display On LED Screen	The 60A Midi fuse is blown.	Check the condition of the fuse. Replace with the same rated fuse.
Air Leaking	Air fitting is not fully attached.	Confirm all the fittings are properly attached.
Poor Airflow	The air filter is dirty or clogged.	Remove and clean both air filters.

## SPECIFICATIONS

PLU	708891
CODE	03.60.010
Voltage	12 Volt d.c.
Maximum Pressure	150 PSI
Maximum Air Flow	180 LPM (Litres Per Minute)
Inline Fuse	60A Midi type
Maximum Voltage	13.5 Volt
Maximum Working Current	45 Amp
Best Operating Temperature	-15°C to 35°C
Thermal Cut Out Protection	Active at 105°C
Duty Cycle	30 Minutes at 50 PSI
Cylinder Diameter	60mm
Power Cables	2 Metres power cable with 50 Amp connector 30cm power cable with 50 Amp connector and battery clamps
Rubber Air Hoses	8 Metres rubber hose with quick connect fitting and 50cm inbuilt rubber hose from air compressor
Valve Connector	Brass screw chuck
Control	LED Display with 4 buttons
Solid Base Plate	Metal sand tray with rubber feet
Air Filter	Built-in cleanable sponge filter
Storage	Handy carry bag
Overall Dimensions	L34 x W15 X H23cm
Net Weight	8.65kg

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PLU: 708891  
CODE: 03.60.010

Manufactured and Packaged for  
SRGS PTY. LTD.  
ABN 23 113 230 050  
6 Coulthards Avenue, Strathpine,  
Queensland 4500, Australia.

MADE IN CHINA.

