

# **BUSHRANGER**

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**4x4 GEAR**



## **RV AIR COMPRESSOR**

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Congratulations on your purchase of the Bushranger® RV Air Compressor. To take full advantage of this product, please read this manual carefully before using. Retain this manual for future reference for installation and warranty.



## **Warning**

- Driving on tyres that are pressurised outside of manufacturer's recommendations can affect a vehicles performance and is a potentially dangerous exercise. It is highly recommended that appropriate professional advice including driver training be sought prior to inflating or deflating tyres.
- Parts of this compressor will become very HOT during and immediately after use. Do not touch any of these parts with your bare hands as you could receive a severe burn.
- This product should never be left unattended during use.
- Never allow children to operate this compressor. Close supervision is necessary when this compressor is being used near children.
- Do not pump anything other than atmospheric air.
- Do not use any other tools or attachments without first determining suitability and maximum air pressure of that tool or attachment.



## **Safety**

- Do not disassemble. Do not attempt repairs or modifications. Your warranty will be void if this instruction is ignored.
- Do not use this product in an area where it can fall or be pulled into water or other liquids.
- Use this compressor with 12 Volt DC power ONLY.
- Allow the unit to cool before storage.
- Always operate the compressor within its maximum pressure rating. Refer to the specifications section of this manual for details. Operations exceeding maximum pressure rating will result in damage to air compressor and void warranty.

- Keep the vehicle's engine running while using the air compressor to prevent discharge of your vehicle's battery. This means you should ONLY OPERATE THE AIR COMPRESSOR IN WELL VENTILATED AREAS.
- Please note that you may experience a slight delay (about 3 sec) to the compressor's motor starting when the compressor is pressurised, (i.e. when there is back pressure in the air line) this is a normal delayed reaction, not a compressor on/off switch malfunction.

## **Operating Instructions**

1. This compressor is designed to operate on 12 Volt DC
2. To obtain power, connect the battery clips to the source. Making sure that the RED (+) Clip is connected to the Positive (+) Terminal and the Black (-) Clip is connected to the Negative (-) Terminal. Once the correct connection to the power source is obtained, the LED Work light will illuminate.
3. To attach thumb-lock tyre chuck on the tyre's valve stem, ensure the lever is in the vertical position. Position the chuck over the valve and press down, pull the lever down until it is in the horizontal position.
4. Ensure the power leads are kept away from any moving parts (including engine components).
5. Start the vehicles engine and allow the engine to run through the duration of the compressor operation. Only operate the compressor in a well ventilated area.
6. Turn the compressor power switch on and begin to inflate tyre.
7. You may need to stop the compressor periodically to check desired pressure has been reached.

NOTE: The compressor gauge will not display an accurate pressure whilst in operation. You will need to stop the compressor to check for an accurate reading.

# Trouble Shooting

| Problem   | Possible causes                          | Corrective action  |
|---|--|--|
| Compressor will not run   | No power is reaching the compressor      | Make sure the compressor is connected to an adequate source and the switch is turned 'ON'.                     |
|   | Blown Fuse                               | Disconnect compressor from the power source, replace fuse (refer to Technical Specs. for correct fuse details) |
| Excessive Knocking or Rattling  | Worn bearing on eccentric or motor shaft | Contact Manufacturer   |
|   | Cylinder or Piston Ring is worn          | Contact Manufacturer   |
| Compressor air flow lower than normal, or cannot pump to higher pressures | Worn Piston Ring or Inlet Valves         | Contact Manufacturer   |

# Technical Specifications

|                          |   |
|--------------------------|---|
| Part Number              | 55X32                                   |
| Motor Voltage            | 12 Volt                                 |
| Motor Type               | Permanent Magnet                        |
| Maximum Working Pressure | 60 psi                                  |
| Maximum Flow Rate        | 52.0 LPM                                |
| Duty Cycle               | 33% @ 22°C & 30 psi                     |
| Maximum Current Draw     | 14.5 Amps                               |
| In-line Fuse             | 15 Amps                                 |
| Dimensions               | 23cm x 8cm x 14cm (excl. Hose and Lead) |
| Net Weight               | 2.13kg                                  |

## Kingsley Products - Warranty Policy

### 1. Our Warranty

We warrant to you that the Kingsley product is free from defects in workmanship and materials for the warranty period.

### 2. Fitting and use

Please ensure you:

- fit the Kingsley product in accordance with the product information and all relevant vehicle safety and compliance laws
- use the Kingsley product for the purpose for which it was originally designed and in accordance with the product information and all relevant vehicle safety and compliance laws

### 3. Exclusions

Our warranty doesn't cover:

- normal wear and tear
- fitting the Kingsley product other than in accordance with the product information and any relevant vehicle safety and compliance laws, including incorrect fitting
- using the Kingsley product other than for the purpose for which it was originally designed or other than in accordance with the product information and any relevant vehicle safety and compliance laws, including unusual, improper or negligent use or misuse or overloading
- misuse or neglect of the Kingsley product, including improper repair or maintenance or failing to repair or maintain
- alteration, abuse, acts of nature, terrorism, vandalism, collision, road hazards or adverse conditions

### 4. Making a claim

Please immediately contact us as soon as you become aware of a possible defect in the Kingsley product. We'll arrange for you to either attend a Kingsley outlet (at your cost) for a Kingsley representative to inspect the Kingsley product (as fitted to your vehicle) or for you to return the Kingsley product to us. We'll also request you to provide the purchase receipt and complete a warranty claim form. In order to ensure our warranty is not voided, please keep the purchase receipt as proof of purchase and don't remove the fitted Kingsley product from your vehicle before contacting us. Note: Non-transferable warranty. The original purchaser can only claim warranty. If your claim's in order, we'll notify you and (at our sole discretion) either repair or replace the defective workmanship or materials (at our cost) or refund to you the purchase price you paid for the defective Kingsley product. If further information or investigation is required or if the claim does not meet the requirements under our warranty, we'll let you know.

### 5. Australian Consumer Law

The Kingsley product comes with guarantees that can't be excluded under the Australian Customer Law. You're entitled to a replacement or refund if there's a major failure and compensation for any other reasonably foreseeable loss or damage. You're also entitled to have the Kingsley product repaired or replaced if it fails to be of acceptable quality and the failure doesn't amount to a major failure.

### 6. Other consumer rights

The benefits to you under our warranty are in addition to any other rights and remedies you are entitled to under relevant consumer laws. Our warranty replaces any other warranty given by Kingsley or it's supplier in respect of the Kingsley product.

### 7. Terms

The following terms have the following meanings:

| Term                | Meaning  |
|---------------------|--|
| Product information | information about the Kingsley product which may be contained in any of the documentation provided with the Kingsley product, including safety instructions, installation instructions, operating instructions, owner's manual, service manual, labels and packaging |
| Purchase date       | the date you purchased the Kingsley product from a Kingsley outlet, as specified in the purchase receipt   |
| Kingsley outlet     | an outlet authorised by Kingsley to sell Kingsley products   |
| Kingsley products   | products or components which Kingsley manufacturers or sells through Kingsley outlets  |
| Warranty period     | commences on and from the purchase date and ends as follows:<br><b>RV Air Compressor - 5 years</b>   |
| We/Us               | Kingsley Enterprises Pty Ltd (ABN 23 001 592 749)<br>E: sales@kingsleyenterprises.com.au<br>A: 6A Brooks Road, Ingleburn NSW 2565<br>P: 1800 654 767<br>W: www.kingsleyenterprises.com.au  |
| You                 | the purchaser of the Kingsley product from a Kingsley outlet   |

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[bushranger.com.au](http://bushranger.com.au)