


# DUNE<sup>4WD</sup>

## OWNERS MANUAL



# AIR COMPRESSOR CONVERSION KIT



The Dune 4WD Air Compressor Conversion Kit is designed for easy retro fit to most brands and styles of tyre air compressor (***under 80A power consumption***), converting it into an automatically power cycled unit triggered by the supplied air trigger gun.

This enables mounting an “off the shelf” air compressor into a vehicle as a semi-permanent installation. Once operating, it provides a simple solution for tyre-to-tyre inflation without the annoyance of having to toggle the compressor power switch on and off to get a pressure reading. The other key benefit is using a trigger gun for simple on/off inflation, which cannot normally be used on automotive air compressors due to continuous power delivery and the risk of blowing the air hose as the compressor does not turn off.

The Air Control unit comes with a polyurethane hose and trigger gun with inbuilt pressure gauge which allows the user to control when the air compressor turns on and off using a simple and easy to use pressure switch system when pumping air into their vehicle tyres or any inflatable object.

#### **SAFETY REQUIREMENTS:**

- **WARNING!** Read instructions before use. Suitable for 12V operation only.
- **WARNING!** Air compressors can produce a high pressure. **DO NOT** inflate any item beyond its maximum capacity.
- **DO NOT** leave the unit unattended while in operation.
- Check capacity and maximum pressure of any inflatable before commencing inflation.
- Monitor the pressure gauge while in operation.
- The gauge should be used as an indication of pressure only. We recommend the use of a separate dial pressure gauge directly applied to the tyre for definitive reading.
- Mount compressor on an appropriate surface for installation.
- **DO NOT** direct the inflation hose connector head at yourself, others or animals.
- **DO NOT** carry by the hose, or pull the hose sharply from a valve.
- **DO NOT** pull the power cable from the vehicle accessory socket or battery terminal by the power lead, grip the plug or connector.
- **DO NOT** get the compressor wet or use in the rain.
- **DO NOT** use the compressor for a task it was not designed to perform.
- **DO NOT** operate the compressor when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- **DO NOT** operate the compressor if any parts are missing as this may cause failure or possible personal injury.
- **DO NOT** open the unit.
- Keep children and non essential persons away from the inflation area.
- Keep the compressor clean and in good condition.
- Replace or repair damaged parts. Use recommended parts only. Non authorised parts may be dangerous and will invalidate the warranty.

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## Features:

- Conversion kit, when installed automatically cycles air compressor on and off when inflating tyres using air trigger gun control with internal pressure switch.
- Perfect for installing fixed vehicle mounted air compressors and inflators.
- Quickly and accurately inflate your vehicle without moving back and forth to cycle off compressor power.
- Extra-long 7.5M coiled polyurethane air hose reaches tyres from a fixed mounting location.
- Compatible with any 12V automotive air compressor with max current consumption below 80A (not suitable for TWIN cylinder compressors)
- Requires only simple modification of your BYO air compressors' power cable to be fitted with 50A style connector (not supplied)
- \*Please note: Air Compressor maximum inflation pressure is limited to 100psi after installation, due to the maximum limit of the internal pressure switch. Any increase to this pressure can risk rupturing the included air hoses.



## Operating Instructions:

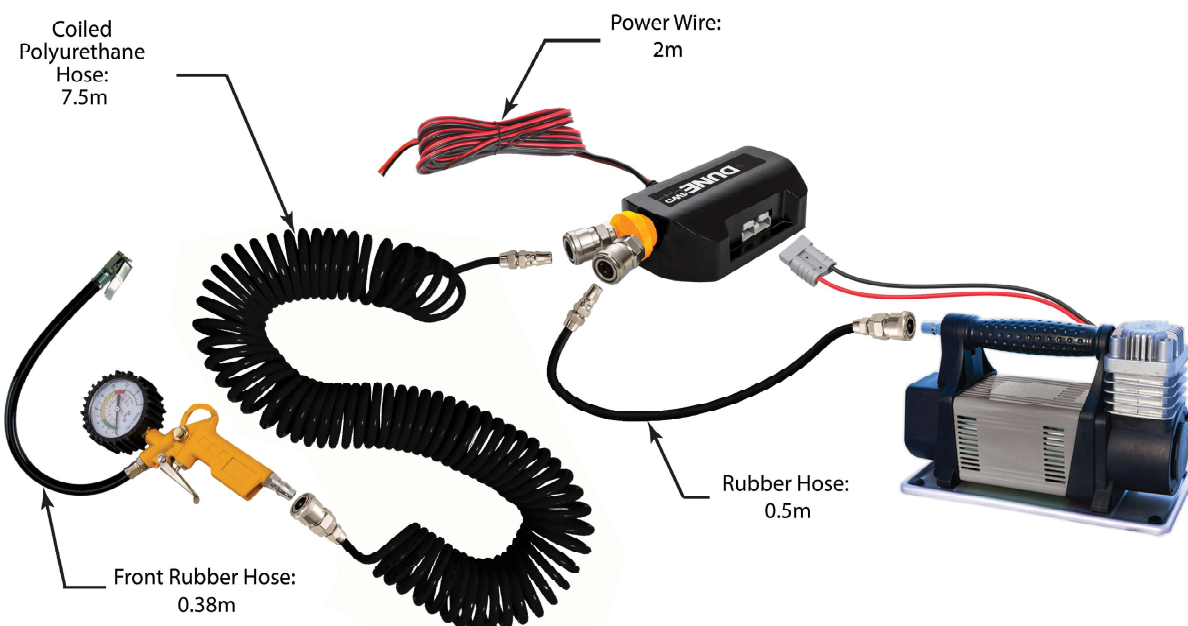
- First, connect the air tubes from the air control unit to the air compressor, and then attach the coiled polyurethane hose to the air control unit main body.
- Connect a power cable (needs 50A Plug connection) from the air control unit to the air compressor and then connect the main body of the Air Control Unit to 12V power source using the 2m power wire. We recommend fitting a suitably sized fuse (not supplied) to the positive cable if fitting directly to a battery.
- Switch air compressor inbuilt main power switch to “On” position.
- The compressor will start up and pressurize air hose, when the pressure in the air hose reaches 100psi the compressor will cycle off until the air trigger gun is released.

This system now allows the air compressor to turn on and off at the user’s request using the trigger guns at the end of the polyurethane hose while pumping air.

It is recommended to switch the inbuilt air compressor power switch to the “Off” position when not in use, to further minimize electrical load on the internal circuitry.

NOTE: Periodically check air fittings are tight to prevent air leaks which will cause the air compressor to cycle when in standby.

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## Specifications:

Cut off air pressure:	60 PSI start, 100 PSI cut off
Input voltage:	12V
Max compressor load:	80 Amp
Standby power consumption (internal relay load)	0.15 Amp
Input wire:	2M 12AWG
Transfer air hose:	0.5M
Flexible air hose:	7.5M
Trigger Gun:	Quick connect chuck with inbuilt air gauge and deflate button

## WARRANTY

This product is guaranteed to be free from defects in workmanship & materials for a period of 2 years from the date of purchase. The product will be replaced or refunded for a major failure. The product will be repaired or replaced at our discretion, should the product fail to be of an acceptable quality and failure is not considered a major fault.

Warranty will not apply if the product (a) is damaged through misuse (including failure to maintain), neglect, accident or ordinary wear and tear (including rust, corrosion, normal fading, weathering, staining, discolouration, scratching or chipping); (b) is damaged through exposure to heat; (c) is used commercially; (d) has not been used or installed in accordance with any applicable instructions; or (e) has been modified, repaired or tampered with by the purchaser or an unauthorised service person.

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 an acceptable quality and the failure does not amount to a major failure.

To claim under this warranty, please take this product to the Anaconda store where you purchased it. You will need your receipt or other proof of purchase. Additional information may be requested of you to process your claim. Should you not be able to provide proof of purchase with a receipt; a bank or credit statement, and identification showing your name, address and signature may be required to process your claim.

Any expense relating to the return of the product to the store will be at the expense of the customer. For online purchases, please contact us to arrange where and how to return the product.

To obtain compensation, you will need to provide documentary evidence of the loss or damages suffered, and documentary evidence that such loss or damage was a reasonably foreseeable consequence of a failure. Such evidence may include photographs, statutory declarations, receipts, reports (eg. from your doctor), depending on the loss or damage. The benefits given by this warranty are in addition to other rights and remedies under the Australian Consumer Law in relation to the goods and services to which this warranty relates. Warranty excludes consumable replacement/serviceable parts (where applicable to the product) as detailed in the product instruction manual or packaging which are available for purchase.

This warranty is provided by:  
Anaconda Group Pty Ltd (ABN 53 955 173 782)  
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