



INSTRUCTIONS FOR:

PSV - PRESSURE SAFETY VALVES

ABR - SIDEWINDER



IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

Use extreme caution when driving with partially deflated tyres. Travelling too fast while turning with deflated tyres you may break the tyre's seal and peel the tyre off the rim which may result in your vehicle rolling over or loss of control causing death, bodily injury and / or property damage. You are responsible for your own safety and the safety of those with you.

ABR – SIDEWINDER is not responsible for any liability or incidental damage, injury or inconvenience as a result of use or misuse of the PSV.

2. INTRODUCTION

The 'PSV' will automatically reduce the air pressure in a tyre to a preset level and stop. They will function on a stationary vehicle or travelling at a speed of less than 25 km/h. (Do not exceed this speed or leave the 'PSV' on the tyre for more than 10 minutes).

The shut off pressure on your tyres may vary due to several factors especially the flow rate of your valve inserts and air temperature.

The 'PSV' has 2 main functions.

- 1) When set to high pressure the 'PSV' will decrease the pressure in hot tyres to a safe level to prevent blowouts and reduce tyre wear.
- 2) When set to low pressure the 'PSV' will reduce tyre pressure to enable a bigger footprint for sand and beach driving.

3. OPERATION

Your 'PSV's have been tested and set to a basic test setting of between 15 and 17 psi. It is essential that you test and set each 'PSV' prior to use. Turn the adjusting screw with the supplied key counter clockwise to decrease the pressure setting and clockwise to increase the pressure setting. Do not unscrew the adjuster beyond the body tube or over tighten the adjuster as this will damage the springs and seals. It is advisable to use a small car tyre when setting the 'PSV' as this will decrease setting time.

To obtain super fast deflation times the starting pressure should be 15 to 20 psi greater than the preset pressure. Warm tyres will deflate to a lower pressure than cold tyres so keep this in mind when fine tuning your settings.

When using the 'PSV's ensure the vehicle valves are clean, fit a 'PSV' to each tyre and when the air stops replace the valve caps and store the 'PSV' in the pouch.

The 'PSV' can be disassembled and cleaned with soapy water and reassembled when dry by applying a light coating of silicone grease to the seals.

Test the PSV every season.



NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product. **WARRANTY:** 12 months from date of purchase - Proof required.

This product is for private recreational use and is not to be used in commercial or competition environments.



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