



Thank you for purchasing an Airbag Man Load-Up suspension helper kit. You have purchased a quality product from Australia's number one air suspension specialist backed by the world's leading microcellular spring manufacturer.

This manual will provide answers to some of your questions regarding the use and operation of your new suspension helper kit. Following the guidelines in this manual will help provide you with many years of trouble-free service.

PRODUCT MANUAL

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WARNINGS & IMPORTANT INFORMATION



This Airbag Man Load-Up kit is designed as assistance to the original vehicle manufacturer's suspension – it is not meant to carry the entire rated load.

We do not recommend that leaves be removed from the original manufacturers suspension supplied.



It is recommended by Airbag Man that only a properly qualified person installs the product and carries out maintenance.

If you are not qualified and attempt to carry out such work ensure that all safety equipment is used and safety standards are met.



The safety of the vehicle and compliance with relevant State & Federal regulations is the responsibility of the vehicle owner.



If your vehicle is fitted with a brake proportioning valve or stability control system it is important to ensure this is maintained and adjusted according to the vehicle manufacturer's instructions.



Never exceed the manufacturer's weight ratings for the overall vehicle (GVM) or individual axles.

Ensure you are fully conversant with how to position load on your vehicle.

A vehicle loaded in an improper manner can greatly affect safety & stability and may result in twisting and stress on the chassis and overloading of axles resulting in injury and / or vehicle damage.



PRODUCT MANUAL

It is very important that the vehicle owner or any driver is advised that the system is fitted and that the Product Manual provided with the kit is given to them and kept with the vehicle.



GENERAL OPERATING INSTRUCTIONS

HOW TO USE YOUR SUSPENSION

When you add or remove load to your vehicle the standard suspension height changes with the weight of the load. The vehicle's height and stability will not be as adversely affected under load as it would be without the product fitted.

- ⚠ **Incorrect use of this suspension product can result in damage to the Load-Up Spring, associated parts and / or the vehicle which is not covered under warranty.**
- ⚠ **Ensure you load your vehicle evenly and safely within manufacturers specifications.**
- ⚠ **Never overload your vehicle or exceed the manufacturers weight ratings.**
- Never exceed a manufacturer's stated or Legal Gross Vehicle Mass or Axle Capacity (Weight Ratings). The manufacturer's weight ratings are stated on the specification plate on the vehicle. You should weigh your vehicle on an authorised weighbridge when it is fully loaded and in a level condition to determine if you are exceeding the manufacturer's weight ratings.



MAINTENANCE

- ⚠ **It is recommended that only a properly qualified person installs the product and carries out maintenance.**
- ⚠ **Periodically inspect your kit for operation, security, possible damage & component integrity**
- Inspect and wash any accumulated sand, gravel or other road debris from the Load-Up Springs and brackets.
- **If a bumper has failed while you are travelling STOP in a safe manner and place to effect a repair.** Readjust the load where possible, remove the other bumper if necessary. You will now be operating fully or partially on the original suspension as the vehicle manufacturer intended until a repair can be made. It is recommended to operate your vehicle at reduced speeds to avoid further damage to your vehicle or suspension. In all cases high speed over rough roads may result in severe bottoming out of the Load-Up Spring causing damage.
- ⚠ **Never cut, weld or modify the bumper or associated parts without approval from Airbag Man.**
- ⚠ **Never weld within sight of an un-protected Load-Up Spring; they are severely affected by weld UV & heat.**

EXHAUST HEAT

- ⚠ **Exhaust modifications from standard or incorrect fitment can cause eventual heat damage issues.**
- Should you have the exhaust system modified this may result in increased heat exposure to the bumpers, which may reduce the life span. Please contact Airbag Man before any exhaust modifications are carried out.

TORQUE SPECIFICATIONS

Use a torque wrench for tightening fixings and only tighten to the relevant specification for the size and thread otherwise damage may occur.



SELF LOCKING FASTENERS

The Load-Up system may include a variety of self-locking threaded fasteners.

Prevailing-torque lock nuts may be more difficult to install or remove, but will not come loose under normal suspension operation. Note that Nylok™ type lock nuts may be used in this manner also, in place of the prevailing-torque type, except where high heat is present.

Spring washers - In order to properly use a lock washer, tighten the nut/bolt fastener following the torque recommendations prior.

Thread Locking Compound - The hex bolts used to secure the bumper to the brackets may have a locking compound applied to the threads, or the compound may be supplied. Lock washers are not required when using a fastener with thread locking compound. If you need to remove such items, ensure similar locking compound is re-applied.

⚠ All self locking systems will be compromised in their ability to stay tight if they are used more than once therefore it is recommended in such instances to replace with a new part.



AFTER SALES SERVICE

GENERAL ADVICE & ASSISTANCE

Airbag Man is proud to offer the best quality products and customer service. If you have any issue with our product you must call us to discuss a solution and local service if required.

SPARE PARTS

We carry an extensive range of spare parts and have knowledgeable service dealers throughout the country. Should you require spare parts please **locate the kit part number** found in the fitting instructions at the back of this booklet and call us for assistance.

WARRANTY

Our Warranty operates in addition to (and does not exclude, restrict or modify) any rights or remedies to which you may already be entitled under the Australian Consumer Law or any other relevant law relating to this product.

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 the failure does not amount to a major failure.

If the product supplied has not performed as expected and you suspect it may fall into the consumer protection category please call **1800 247 224** for full terms and conditions and assistance.

FOR SUSPECTED WARRANTY CLAIMS - PLEASE CONTACT AIRBAG MAN BEFORE REPAIRS ARE CARRIED OUT FOR ADVICE AND A CLAIM FORM WHICH MUST BE COMPLETED. FREECALL 1800 247 224



TROUBLE SHOOTING GUIDE

The vehicle is not level

- Check for proper positioning of Load-Up Springs on both sides
- Check for obstruction or components that may be restricting the suspension.

⚠ Ensure vehicle is not overloaded.

AFTER SALES & SERVICE FREECALL 1800 247 224