



AIR SUSPENSION
Designers & Manufacturers



FULL AIR SUSPENSION

Intelliride ECAS System

LAND ROVER DEFENDER 110 / 130
DEFENDER 90 ALSO AVAILABLE

BENEFITS

- Maintain height & ride quality in all conditions
- Adjust to improve access, provide clearance or for site levelling
- Heavy Duty rolling sleeve airbags built for on & off road
- Large capacity airbag design suitable for full vehicle capacity, including loaded Defender 130
- Long travel airbag design with low profile mounts for maximum articulation
- 0-2.0" Ride Height



REAR SUSPENSION



FRONT SUSPENSION





DRIVE RITE
an AMK company

WHY ECAS?

This Front and Rear Axle Full Air Suspension Kit incorporates on-board air control which is a fully automatic, Electronically Controlled Air Suspension (ECAS) System. When fitted the system provides comfort while maintaining a programmed ride height irrespective of the load. Multiple vehicle heights are available at the push of a button.

The on-board system has automatic load levelling at each height which continuously monitors inputs and component performance as a means of increasing safety and durability. The on board system recognises and responds accordingly to potholes, cross-articulation and extended turns. This intelligence prevents unnecessary activity and air consumption, it even recognises unachievable heights, assisting in the prevention of possible damage above or below the vehicle.



ECAS

ELECTRONICALLY
CONTROLLED
AIR SUSPENSION

FEATURES

- Automatic 4 corner Ride Height Control Catering for All Loads
- 3 Preset Heights inc. High, Drive & Low Mode
- Fully Adjustable via Easy to Use Hand Held Control
- Front to Back Levelling
- Raise for Clearance
- Lower for Storage & Access
- Inputs Available for Safety Reset to Ride Height
- Manual Mode
- Horizon Levelling Feature Optional
- OEM Grade Components for Reliable Performance
- High Volume Air Springs for optimal ride quality & carrying capacity

WHAT ARE THE ACHIEVABLE HEIGHTS?



HIGH MODE



DRIVE MODE



LOW MODE

Height Range Automatic Mode

Ride Height up to Raised Height
Ride Height down to Access Height

	<i>Front</i>	<i>Rear</i>
Ride Height up to Raised Height	40mm	60mm
Ride Height down to Access Height	-80mm	-90mm

Height Range Manual Mode

Maximum Height from Ride Height
Minimum Height from Ride Height

	<i>Front</i>	<i>Rear</i>
Maximum Height from Ride Height	50mm	70mm
Minimum Height from Ride Height	-100mm	-110mm



OPTIONAL HORIZON LEVELLING

Site Levelling Capabilities within your Suspension range.

Say goodbye to campsite challenges with Airbag Man's Horizon Levelling feature. No more uneven terrain that disrupts your sleep, makes cooking a chore, and demands precious time for wheel chocks to level up your car.

With just a push of a button, your campsite transforms into a perfectly level haven. No more fumbling with wheel chocks – reclaim that time to savor the company of loved ones and embrace your surroundings. Effortlessly set up a level cooking space and enjoy a restful night's sleep on a perfectly even bed.

Horizon Levelling isn't just about convenience, it's about maximising your camping experience. Rediscover the pleasure of seamless adventures, where every moment is spent enjoying, not adjusting. Let Airbag Man redefine your camping narrative, smoothing the way for unforgettable memories and unhindered relaxation.



PACKAGE INCLUDES

Rear Firestone Air Springs

Heavy Duty Rolling Sleeve Air Springs.



Front Airbag Man Rolling Sleeve Air Spring

Heavy Duty Rolling Sleeve Air Springs includes shock relocation brackets



AMK Air Compressor

12 Volt, Max 150 psi Working Pressure, High Quality German Built Compressor.



1 Gallon Seamless Aluminium Air Tank

SAE J10 APPROVED
Light weight & No corrosion
Max Working Pressure 200psi
Pressure tested to 1000psi
3 x 1/4" NPT ports (Including Drain Port)
Multi-position low profile bracket set



Hand Held Controller with 9m lead



ECU & Valve Block



Vehicle Specific Air Tank Mounting Brackets



Rocker Switch & Height Sensors



Also Includes 6 mm High Quality Nylon Tubing, Quick Fit Push to Connect Air Fittings, Easy to Use Electrical Connections, Sealed Relay & Harness, Step by Step Instructions, Operators Manual & Hardware.

WE CAN TAILOR-MAKE AN ON BOARD AIR SYSTEM TO SUIT YOU.

Build your own Tailor Made On Board Air Control & Supply System to suit your specific individual requirements whether it's Airbag Inflation Only, Tyre & Airbag Inflation or Auto Levelling.

We have a wide range of 12v & 24v On Board Air Solutions from Paddle Switches, Electric Switches, Wireless Controllers, Auto Levelling, Dual Digital Airbag Pressure Gauges, Wireless Airbag Pressure Gauges, Air Compressors, Levelling Valves, Fittings, Tubing, Compressor Repair Kits, Air Tanks, Valve Blocks + More.



For More Information Visit

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