



AIRBAGS & AIR SUSPENSION
Designers & Manufacturers



LAND ROVER
DEFENDER 90



WHY INTELLIRIDE 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.



ECAS

ELECTRONICALLY
CONTROLLED
AIR SUSPENSION

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.



HIGH MODE



DRIVE MODE



LOW MODE

Height Range Automatic Mode

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

	Front	Rear
Ride Height up to Raised Height	40mm	40mm
Ride Height down to Access Height	-80mm	-80mm

Height Range Manual Mode

Maximum Height from Ride Height
Minimum Height from Ride Height

	Front	Rear
Maximum Height from Ride Height	50mm	50mm
Minimum Height from Ride Height	-100mm	-100mm

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



BENEFITS

- Easy Installation
- Excellent Ride Quality
- Headlights Point in the right Direction
- Adjustable Levelling Control
- Prevents Bottoming Out
- Stabilise Body Roll
- Reduces Tyre Wear
- Lowers Maintenance Costs
- Safer Load Carrying
- Better Braking
- Improved Steering & Handling

CORE COMPONENTS

Rear Firestone Air Springs

Heavy Duty Rolling Sleeve Air Springs.



Front Airbag Man Rolling Sleeve Air Spring

Heavy Duty Rolling Sleeve Air Spring 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

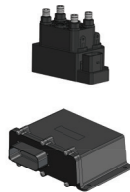
SAE J10 APPROVED
Light weight & No corrosion
Max Working Pressure 200psi
Pressure tested to 1000psi
3 x 1/4" NPT ports (Including Drain Port)
Multi-position low profile bracket set



Hand Held Controller with 9m lead



ECU & Valve Block



Vehicle Specific Air Supply Mounting Brackets



Rocker Switch & Height Sensors



Individual Kit Part Numbers

Front
OA6015M

Rear
OA6036M

On Board Air Control
AC2510M

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.