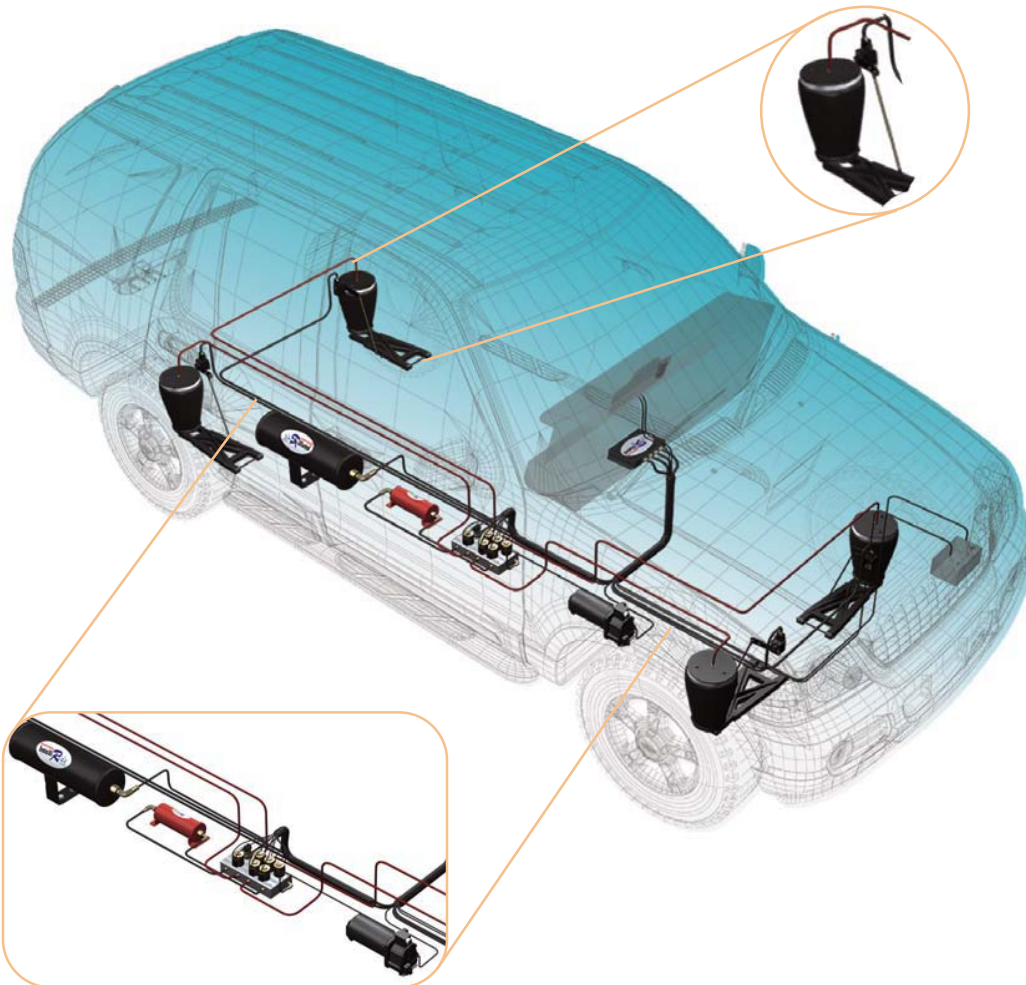


4-Corner, 3-Height IntelliRide™ System WR8-760-2230



Three Vehicle Heights

Three vehicle heights at the push of a button. Automatic vehicle leveling with load changes.

Raised

Standard

Lowered

Features

It's Smart

- Automatic leveling at each vehicle height
- Continuously monitored electronic system
- User programmable vehicle heights
- System feedback to driver via in-cab controls

Benefits

- Maintain selected height regardless of load
- Increased safety and reduced air consumption
- Set three heights where you want them
- Easily determine and understand system performance and conditions

Easy Installation

- Plug-and-play wire harness, valve block and pneumatic connections
- Well labeled controls and detailed instructions

- Easy installation
- User friendly programming

Superior Quality

- Robust automotive OEM quality components and standards
- Desiccant air dryer
- Engineered by the world's largest air spring manufacturer, **Firestone**

- Confidence of an OEM system available in the aftermarket
- Pneumatic system - free of moisture and its harmful side effects
- From a company that you know and trust

System Technical Specifications

Compatible Suspension: 4-corner, fully air sprung

Voltage Requirements: 9.5 - 16 Volts

System Compatible with Air Spring Range: 25, 255-1.5, 224, 110/70, 140/95 & 1T14

ECU EMI Protection: E11 certified

Rate from Design Height to Compression: 6-12 seconds

Connectors: IP68 certified

Rate from Compression to Design Height: 6-10 seconds

Position Accuracy: 1/4 of 1° @ sensor

System Memory: Nonvolatile (Retention with loss of Power)

Electronic Control Unit (ECU)

Description: "Brains" of the system with air suspension software

Weight: 0.57 lbs. (0.26 kg)

Dimensions: 6.5" x 3.9 x 1.4" (165mm x 99mm x 36mm)

Environmental Certification: IP64, Moisture resistant



Valve Block

Description: Solenoid valve block

Weight: 3.6 lbs (1.6 kg)

Dimensions: 2.5" x 5.5" x 3" (64mm x 144mm x 76mm)

Environmental Certification: IP67, Zinc plated for corrosion



Height Sensors

Description: Electronic, resistive height sensor

Weight: 0.7 lbs. (0.3 kg)

Body Dimensions: 1.2" x 2.3" x 1.3" (30mm x 59mm x 32mm)

Environmental Certification: IP68, 1/2m water depth



Compressor & Reservoir

Description: Heavy duty compressor, 20% duty cycle

Weight: 6.2 lbs. (2.8 kg)

Dimensions: 77" x 4" x 6" (196mm x 102mm x 152mm)



3-gallon reservoir

User Interface & Wire Harness

Ergonomic controls and well labeled wire harness with IP68 connectors



Air Dryer

Description: Regenerative, desiccant air dryer

Weight: 3.2 lbs. (1.5 kg)

Dimensions: 9.4" x 4.0" x 3.5" (239mm x 102mm x 89mm)

Dew point: -40° C

