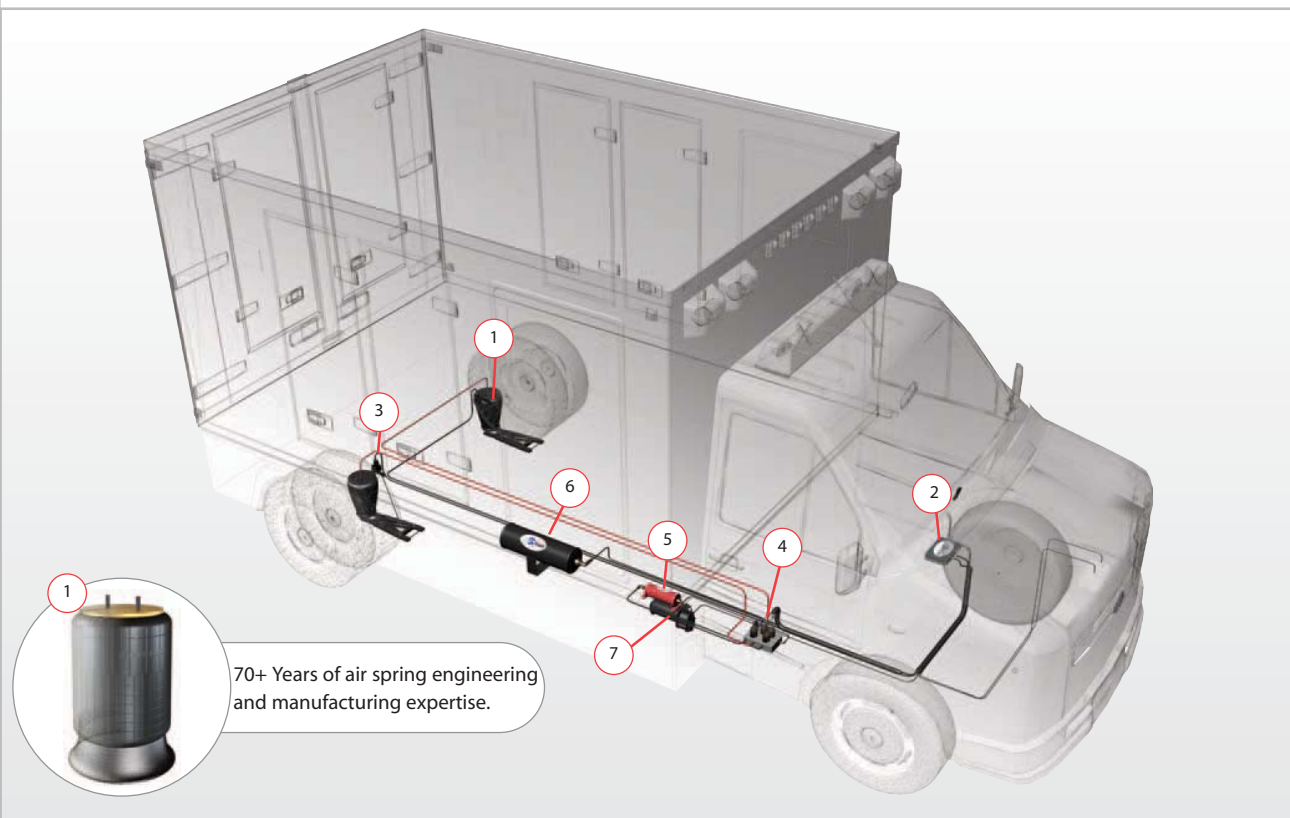


## 2-corner, 2-height Electronic Air Spring Controls High Duty Cycle Applications (Ambulances, Delivery Vehicles, etc.)



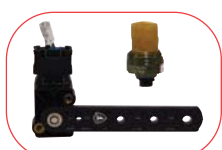
Smart.

2 ECU



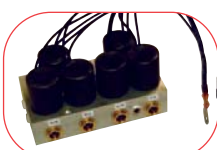
- Environmentally Sealed
- "Brains" of the controls
- CAN Network Protocols
- IP67 Certified
- E11, SAE J1455 EMI certified
- 9.5-16 volt requirement

3 Control Sensors



- Electronic Height Sensor
- IP68 certified, 1/2 meter water depth
- Tested 5,000,000+ cycles
- Electronic Pressure Sensor

4 Valve Block



- Solenoid Valve Block
- IP67 Certified
- Push-to-connect Fittings
- Tested 1,000,000+ cycles

5 Air Dryer



- Regenerative Air Dryer
- OEM Specified
- No maintenance

6 Air Reservoir



- Air Reservoir
- 3-gallon Air Volume
- 150+ psi Stored Energy

7 Air Compressor



- Air Compressor
- 150psi max air pressure
- 100% duty rated

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www.fsip.com/intelliride  
ph: 800.888.0650 (for North America)

# Key Features and Benefits

## Durability and Performance



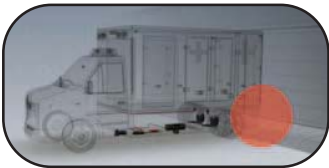
Continuously monitored system with dry air. Dramatically reduces air consumption and keeps the valves from freezing.



System adjusts height with retained air pressure, allowing for faster response.

- Automatic load leveling at each height with precision kneeling and height adjustment. This allows the vehicle to maintain headlight alignment, drive train position, vehicle stability and stance.

## Safety



Detects and stops height change when the vehicle hits an overhead or underbody obstruction, preventing damage to vehicle and obstruction.



Recognizes, notifies driver and compensates with auxiliary driving modes if components are damaged, preventing further damage or stranding.

- Air retention with catastrophic air loss (ie. - a cut air line), maintaining air pressure for other vehicle requirements.
- The IntelliRide controls can sense load conditions improving safety and knowledge of vehicle conditions.
- Controls read and respond to various signals to insure that the vehicle operates in the safest mode, (ie. - reading a speed, brake or door signal and automatically returning the vehicle to optimum, factory specified ride height.)

## Designed for Manufacturing and Service



Brackets and component modules designed for easy installation, reduced parts count and cost.



PC diagnostic and calibration tool allows for quick OEM system calibration and easy service diagnosis.