

Valid Leveling System

With Electronic Ride Enhancement

Valid's Leveling System and Electronic Ride Enhancement System are robust, industry-proven systems for leveling and driving.



Advanced Technology. Simple Solutions.

1-888-632-6477 sales@validmfg.com validmfg.com

LEVELING SYSTEM

- Valid's Leveling System is an automatic one-step leveling system. Accelerometers along three separate axes of the vehicle chassis provide data for both level and twist. Using this data, the system then accurately levels the vehicle while removing chassis twist.



Park on an angled surface without worry!

HIGHLIGHTS

Valid's Leveling System can level any RV that is equipped with an airbag suspension.

- Leading-edge accelerometer technology and exclusive features offer stress-free leveling and eliminate damaging chassis twist.
- Control modules measure chassis twist and convey information to the actuator, which then levels the vehicle.
- Vehicle height can be adjusted after leveling.
- Keypad provides operator control interface and visual feedback on the vehicle's current status.

ELECTRONIC RIDE ENHANCEMENT

- Valid's Electronic Ride Enhancement System provides all the functionality of the Trueline Leveling System with the added features of a constant ride height monitoring system.

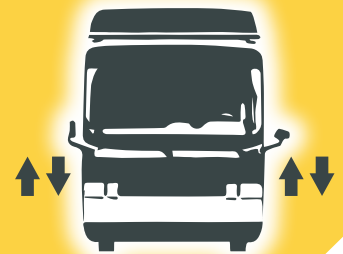
HIGHLIGHTS

- Real-time assessment of vehicle status: adjustments during travel provide a safe and comfortable ride.
- As much as 85% less air consumption over standard ride height valve suspensions.
- Quicker leveling than a standard leveling system.
- Accurate re-level function with constant level and height maintenance.
- Set your preferred entry step height after leveling.

DYNAMIC SUSPENSION CONTROL

Air suspension devices automatically adjust according to changing road conditions.

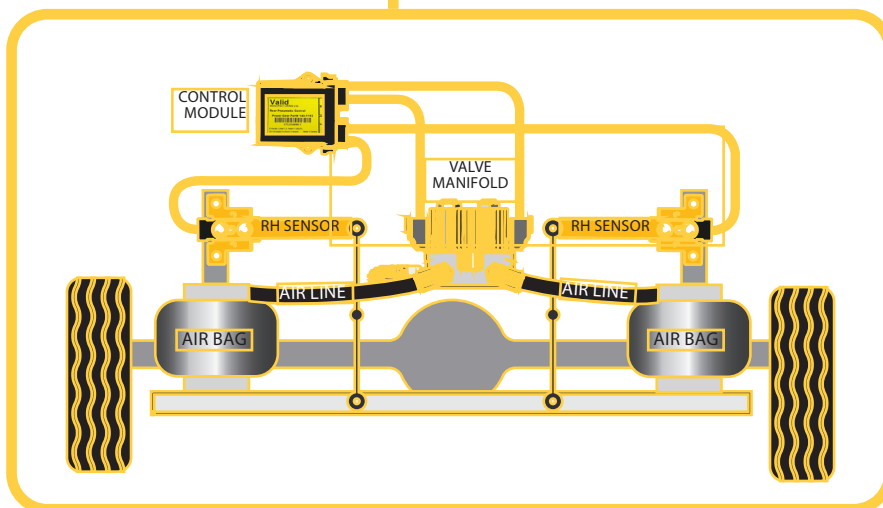
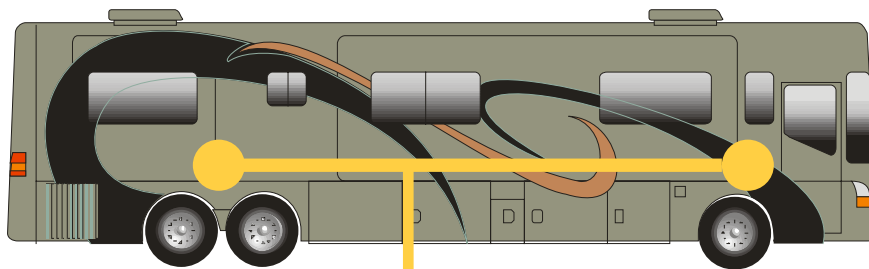
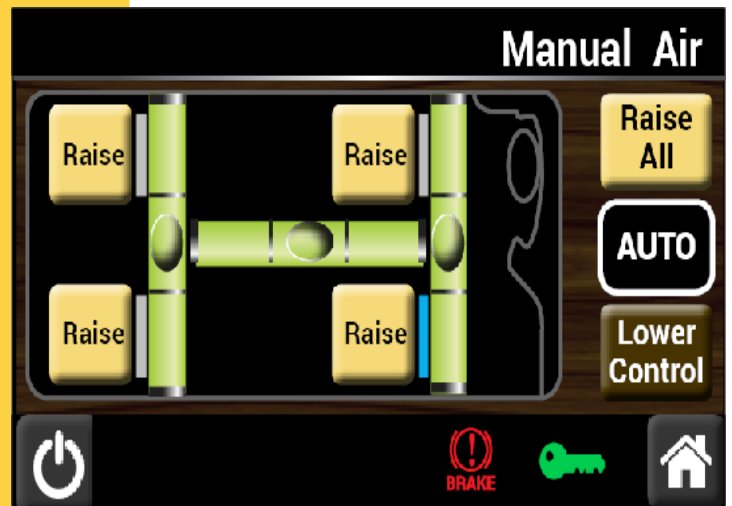
- Reduces excessive roll while cornering, and pitch during acceleration and braking to provide a luxurious, high-performance ride.
- Anti-dive option limits the amount of dive in forward or reverse motion.



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LEVELING SYSTEM USER INTERFACE

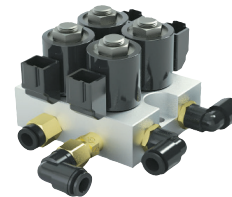
- Three digital “bubble level” indicators show exact vehicle position.
- User-friendly touchscreen allows for easy leveling mode selection as well as four-point manual control of all leveling actuators.
- Slope indicator warns when terrain is too steep for leveling.
- Fully automatic or manual control.
- Twist indicator warns operator before potential coach damage can occur.
- Low voltage detection prevents problems associated with lower battery power.
- Built-in speaker for audible alerts.
- Fault indication provides immediate, accurate diagnosis and troubleshooting.



CHASSIS COMPONENTS

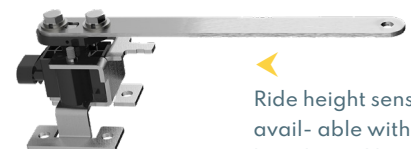


Fully-sealed modules measure tilt and acceleration in two directions.



Valve manifolds receive commands from the modules and control the airbags.

ELECTRONIC HEIGHT MEASUREMENT



Ride height sensors are available with custom arm lengths and brackets.



FEATURES

Leveling System

- The simplicity of one-touch leveling
- Advanced technology provides increased accuracy
- Data collection from three axes eliminates chassis twist
- Modular design easily integrates with other products
- Rugged, sealed IP67 rated connectors stand up to the elements
- Automatic system monitoring makes adjustments so you don't have to
- Low-speed maneuvering in manual mode allows position adjustment
- Levels with vehicle's airbags – no hydraulics means no oil leaks, less weight and power demand
- Tag axle control option for easier turning and less tire wear

Electronic Ride Enhancement System

- Four-corner height sensing with selective averaging
- Reduces air consumption by up to 85%, saving power and fuel
- Advanced diagnostics with multi-tiered failsafe algorithm reduces vehicle downtime due to damage
- Confirmation of travel ride height eliminates guesswork
- One-touch high and low ride height selection
- Ride height reached faster than with standard height valves
- Height sensors reduce leveling time and prevent vertical drifting
- Durable Hall Effect sensors have no mechanical contacts to wear down
- Monitors signals on the J1939 network, simplifying wiring
- Warning alarm when suspension low
- Combined chassis height and tilt sensing reduces air leveling time

“When you select Valid as a supplier, you get a partner that is committed to your long-term success.”



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