



SmartValve™

Electronic Height Control

Lowering Rear Suspension



- Press and release the **SUSP LOWER** push button while moving less than 10 MPH¹ to dump the rear suspension.
- Press and release either push button to return to normal height.
- The truck will return to normal height if the truck exceeds 17 MPH¹ while dumped. This feature may be disabled using the setup tool.

Raising Rear Suspension



The rear suspension can be raised approximately 2 inches to allow for increased ground clearance during drop and hook operation.

- Press the **SUSP RAISE** pushbutton while stopped or moving less than 10 MPH¹ to raise the rear suspension from standard ride height.
- To return to normal ride height, press either pushbutton.
- The truck will return to standard ride height from the raised height automatically if the truck speed exceeds 10 MPH¹ for 5 seconds.
- If the ignition is turned “off” and the truck is left in the raised mode, the vehicle will remain in the raised mode until the ignition is turned “on” and a pushbutton is pressed.

Operation Summary

Current Status	Desired Mode	Action Required
Normal	Dump	Press SUSP LOWER pushbutton
Dump	Normal	Press either pushbutton
Normal	Raise	Press SUSP RAISE pushbutton
Raise	Normal	Press either pushbutton

¹Note: Speed thresholds are typical but may vary in some cases.



LED Indications

- A red and green LED are used to give mode and error status of the system. If the red flashing light or error codes are present continue driving only after verifying the suspension is in a state to allow safe travel. Refer to the manual for more information.
- Green LED indicates operating mode using a repeating pattern and error codes by blinking two groups of blinks for each error detected.

Indication Summary

Red LED	
Flashing	Indicates the valve is not operating normally and may not have power.
Green LED	
Steady On	ECU Initialization or Fault The LED is on for a short time after the ignition is turned on. A steady light after a few seconds indicates a problem with the valve or wiring.
Short Blinks	Raise Mode (¼ second on every two seconds)
Long Blinks	Dump Mode (one second on, one second off)
Error Codes - Two Groups of Blinks	
The system identifies several fault conditions using two groups of 1-4 blinks for each condition detected. For example, 1 blink followed by 2 blinks indicates error code 12. All active error conditions are repeatedly shown in sequence.	

For Technical Assistance Contact

Link Manufacturing, Ltd.
 223 15th St NE, Sioux Center, IA 51250
 Phone: 1-800-222-6283 (Ask for SmartValve Service)
 Email: info@linkmfg.com www.linkmfg.com