

Lowering Rear Suspension

- The **DUMP SUSPENSION** switch will fully dump the rear suspension.
- To dump the rear suspension: Press and hold the **DUMP SUSPENSION** switch for approximately one second and then release.
 - Once the suspension starts to lower, the SmartValve green LED will begin flashing. It will continue flashing indicating the vehicle is NOT at standard ride height.
- To return to standard ride height: Press and hold the **DUMP SUSPENSION** switch again for approximately one second and then release.
 - When standard ride height is achieved, the green LED will stop flashing.
- When in the **DUMP SUSPENSION** mode, the vehicle will automatically return to standard ride height when vehicle speed exceeds 7 MPH¹.
- The **DUMP SUSPENSION** mode cannot be achieved when the vehicle is traveling faster than 7 MPH¹.

Raising Rear Suspension

- The **RAISE SUSPENSION** switch will raise the rear suspension about 2 inches above standard ride height, giving increased ground clearance during drop and hook operation.
 - Once the suspension starts to raise, the SmartValve green LED will begin flashing. It will continue flashing indicating the vehicle is NOT at standard ride height.
- To return to standard ride height: Press and hold the **RAISE SUSPENSION** switch for approximately one second and then release.
 - When standard ride height is achieved, the green LED will stop flashing.
- When in the **RAISE SUSPENSION** mode, the vehicle will automatically return to standard ride height when vehicle speed exceeds 7 MPH¹.
- The **RAISE SUSPENSION** mode cannot be achieved when the vehicle is traveling faster than 7 MPH¹.

NOTE: If the ignition is turned “off” and the vehicle is left in either the dump or raised mode, the vehicle will remain in that mode until the ignition is turned back “on” and the appropriate switch is pressed.

Operation Summary

Current Status	Desired Mode	Action Required
Normal	Dump	Press DUMP SUSPENSION Switch
Normal	Raise	Press RAISE SUSPENSION Switch
Dump	Normal	Press DUMP SUSPENSION Switch
Raise	Normal	Press RAISE SUSPENSION Switch

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 the specific SmartValve operating mode using a repeating pattern. It will also display error codes by flashing two groups of blinks for each error detected.

Indication Summary

Red LED	
Flashing	Indicates the SmartValve is not operating normally and may not have power.
Green LED	
Steady On	SmartValve Initialization or Fault The LED will activate shortly after the ignition is turned on. A steady light after a few seconds indicates a problem with the valve or wiring.
Short Blinks	Rear Suspension in Raise Mode (¼ second on every two seconds)
Long Blinks	Rear Suspension in 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.	
Diagnostic Software	
Link PC Diagnostic Software (H18613) can be used to help identify and correct SmartValve system faults. Contact Link for more information.	

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