

**Link**® ROAD OPTIMIZED  
INNOVATIONS

**SMARTVALVE**®  
ELECTRONIC HEIGHT CONTROL

- + PREVENT DRIVER INJURIES
- + REDUCES TIME PER DROP-AND-HOOK
- + MAINTAINS ACCURATE RIDE HEIGHT

**DRIVEN TO OUTPERFORM**®

# LINK<sup>®</sup> SmartValve<sup>®</sup>

## Electronic Height Control

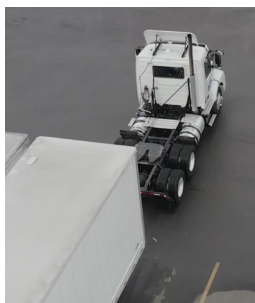
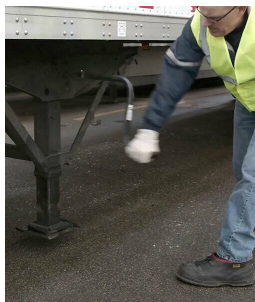


## All-In-One Electronic Height Control

The SmartValve is a solution for fleets looking to reduce driver injuries and fatigue, save time during drop-and-hooks operations, improve fuel efficiency and reduce air consumption.

Link's patented all-in-one control system uses an electronic height control sensor integrated with an ECU to monitor ride height and control air flow to the suspension. Drivers can raise and lower the suspension to make drop-and-hook operations safer and faster by eliminating the need to adjust fully loaded landing gear by using push button controls in the cab.

Advanced capabilities include automatic ride height functionality. With its on board J1939 controller and customizable safety interlocks and performance parameters, SmartValve can optimize vehicle aerodynamics to save fuel. These features have proven to provide drivers with the most ideal solution in the industry.



### PREVENT DRIVER INJURIES

**Reduce Back & Shoulder Injuries · Reduce Driver Fatigue  
Reduce Workers Comp Claims**

Cranking the landing gear is one of the most common causes of driver injuries outside of the tractor. The high force and strain required to adjust a loaded trailer results in high risk of injury. With the SmartValve installed on the tractor, the load can be removed from the trailer landing gear by raising the tractor rear suspension above ride height. This makes final adjustments safe and easy for all drivers regardless of physical ability.

### REDUCES TIME PER DROP-AND-HOOK

**Trailer Parked Too High · Trailer Parked Too Low  
Trailer Parked Too Tight**

When picking up a trailer, it is common that the trailer landing gear needs adjustment before it can be latched to the 5th wheel. The SmartValve allows the driver to adjust the suspension to the height needed to hook the trailer and then lift the landing gear off the ground. Once the landing gear is retracted, the suspension returns to ride height with the push of a button.

### MAINTAINS ACCURATE RIDE HEIGHT

**Maintain Driveline Angle · Improve Fuel Efficiency  
Reduce Maintenance Cost**

The ride height of a truck determines the driveline angle, suspension travel and maintains the aerodynamics of the tractor and trailer. The SmartValve monitors and maintains accurate ride height with a precision integrated height sensor. Safety features that will automatically return the suspension to ride height once the truck reaches 7 mph.

### PRODUCT CODES

|                             | FACTORY INSTALL                    | SINGLE BUTTON RETROFIT | DUAL BUTTON RETROFIT |
|-----------------------------|------------------------------------|------------------------|----------------------|
| <b>FREIGHTLINER</b>         | <b>Cascadia</b> 888-083 or 888-084 | H00700R1A              | H00700R21A           |
| <b>INTERNATIONAL MOTORS</b> | <b>LT 14WCS</b>                    | H00700R3A              | H00700R23A           |
| <b>KENWORTH</b>             | <b>T680</b> 3830535                | H00700R2A              | H00700R22A           |
| <b>PETERBILT</b>            | <b>579</b> 1922640                 | H00700R4A              | H00700R24A           |
| <b>MACK</b>                 |                                    | H00700R6A              | H00700R26A           |
| <b>VOLVO</b>                |                                    | H00700R5A              | H00700R25A           |
| <b>WESTERN STAR</b>         |                                    | H00700R1A              | H00700R21A           |

**NOTE:** SmartValve requires tractors with 250 Kbps J1939 CanBus (typically found on vehicles 2006 and newer) for passive signal use. An additional module is required for tractors with 500 Kbps J1939 CanBus.