



# SmartValve™

Electronic Height Control

## 12-Pin Connector



Verify you have the following signals coming from the truck at the 12-pin connector.

- Battery power – Pin 1 (Red wire) 12v
- Ignition power – Pin 2 (Pink wire) 12v
- Ground – Pin 12 (Black wire) less than 2ohms of resistance between pin 12 and negative battery post.

## J-1939 Communication



Verify you have good J-1939 communication at the 12-pin connector.

- 60ohms of resistance across the green and yellow wires with the ignition off.
- Around 2.2V on CAN-Low (Green/white wire) with ignition on.
- Around 2.5V on CAN-High (Yellow/white wire) with ignition on.

## DiagnosticLink & Daimler Calibration Blocks



Using DiagnosticLink and Daimler calibration blocks, perform the calibration procedure.

1. When calibrating a new valve, install airlines into the correct suspension and supply ports on the valve.
2. Do not plug the wiring harness into the SmartValve until the truck's supply pressure is at 100PSI or greater.
3. Proceed to calibrating using DiagnosticLink and instructions on the screen.
4. 65mm Standard Ride Height calibration block placed in forward drive.
5. 50mm Aero Ride Height calibration block placed in forward drive.