

AKAD0009/AKAD2011 LIFT AXLE CONTROL

for Air-Ride/Air-lift suspensions

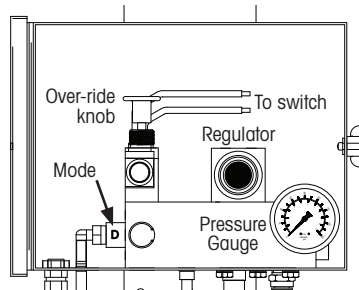
Initial Ride Air Spring Adjustment (min 100 psi air supply)

1. With a loaded trailer, **position** lowered axle on **certified** scale.
2. **Pull** regulator knob out to unlock.
3. If pressure is high, **adjust regulator** to desired load then adjust 15 psi below current gauge value, next slowly increase pressure until the scale indicates desired axle load.
4. **Push** regulator knob in to lock setting.
5. **Read and record** gauge value for the desired axle load.

IMPORTANT: Axle load can now be reset as needed. Periodically repeat above procedure to verify gauge accuracy.

Set PSI/Axle Load (min 100 psi air supply)

Use steps 2, 3 and 4 with axle raised for faster response and increased accuracy. Cycle the control to confirm setting.



Lift Mode D (Down when vehicle ignition is off)

Remote Operation (via electric switch)

Raise axle by applying electrical power with remote switch.
Lower axle by removing electrical power with remote switch.

Manual Over-ride Operation (no power to valve)

Push knob down to raise axle and disable remote operation.

Lift Mode U (Up when vehicle ignition is off)

Remote Operation (via electric switch)

Raise axle by removing electrical power with remote switch.
Lower axle by applying electrical power with remote switch.

Manual Over-ride Operation (no power to valve)

Push knob down to lower axle and disable remote operation.

CAUTION

Movement of suspension parts may result in personal injury.

Releasing manual over-ride immediately activates remote operation. The axle will raise or lower as commanded by the current switch position.

Depending on mode, the suspension will raise or lower when vehicle ignition is turned on or off.

Raise and lower lift axle according to suspension installer's specifications.

Weight is distributed among axles taking load. Avoid overloading other trailer axle(s) when raising lift axle(s).

Raising axle(s) will result in reduced vehicle braking capacity.

NOTE: AKAD0009/AKAD2011-2 (air line in port 7) control disables lift axle service brakes when in raised position.

NOTICE: Adding anti-freeze additive to air system may cause valves to malfunction.

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