



INTRODUCING LIGHTNING[®] LIFT-AXLE VALVE INNOVATIVE TRAILER SOLUTION

BENEFITS

UNMATCHED ACCURACY

Our innovative regulator provides accurate ride bag pressures down to **10 PSI**, reducing DOT fines.

SIMPLE INSTALLATION

Combined valve design & centralized connection points reduce leak paths and makes installation a breeze.

DAMAGE PREVENTION

Lifts axle in seconds, reducing tire damage during tight maneuvers.



HOW IT WORKS: Our Lightning[®] Lift Valve (LLV) combines a highly accurate regulating ride valve with our tried and true lift valve into a compact and easy to install design. The two independent valves operate in tandem to provide performance and reliability beyond conventional valve set-ups.



WHY IT WORKS: We have designed the Lightning[®] Lift Valve to meet the **specific demands of commercial trailers**. It has endured years of rigorous environmental and durability testing. You can install this product and have the peace of mind that it will last the life of your equipment.

WHY CHOOSE ALKON

- **U.S. MANUFACTURED: No port, no problems;** Our product is manufactured at our plants in Michigan and Ohio, protecting you from the next supply chain crisis.
- **AIRTIGHT QUALITY:** Never have leakage issues due to casting porosity; our product is machined fully from aluminum billet.
- **RESPONSIVE:** Talk to a live person via phone or email for all purchase orders, questions or concerns.
- **ALWAYS INNOVATING:** Alkon provides aftermarket and OEM solutions specifically designed for the tractor and trailer market.

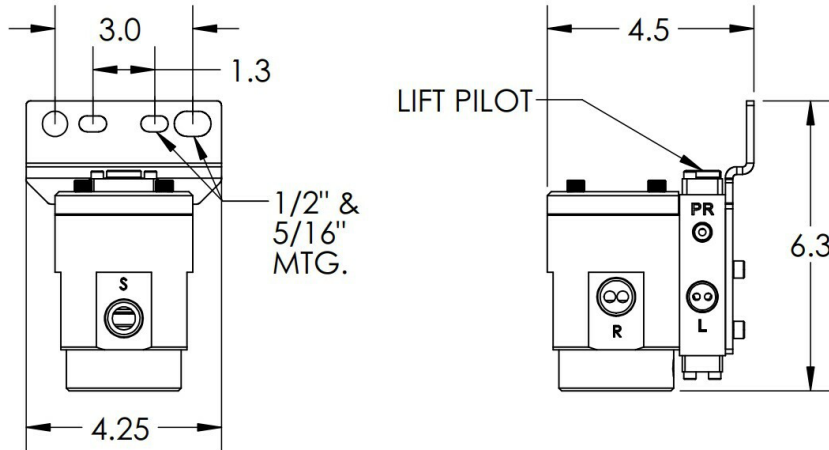
SWAP OUT TODAY!

The Lightning[®] Lift Valve is a direct replacement for our competitor's 5040 valve series. **Gain a competitive edge by swapping out today!**

THE ALKON FAMILY
OF COMPANIES



VALVE DIMENSIONAL INFORMATION



*Part Number ILLV-8100 shown

LOCATION	LABEL	PORT SIZE
Supply	S	1/2" NPT
Ride (2X)	R	1/2" NPT
Lift (2X)	L	3/8" NPT
Ride Pilot	PR	1/8" NPT
Lift Pilot		1/4" NPT

DESIGN SPECIFICATIONS

- **OPERATING TEMPERATURE:** -40 to +180°F
- **OPERATING PRESSURE - RIDE:** 10 to 150 psi
- **OPERATING PRESSURE - LIFT:** 50 to 150 psi
- **RIDE BAG REGULATORY ACCURACY:** ±3%



Fittings optional
Consult factory

PART NUMBER INFORMATION

PART NUMBER	CONTROL	AXLE NORMAL POSITION	COIL VOLTAGE	OPTION
LLV-8100	Air Pilot	Normally Down		
LLV-8200	Air Pilot	Normally Up		
LLV-8310	Solenoid	Normally Down	12 VDC	
LLV-8312	Solenoid	Normally Down	12 VDC	Air Pilot Solenoid Override
LLV-8410	Solenoid	Normally Up	12 VDC	
LLV-8412	Solenoid	Normally Up	12 VDC	Air Pilot Solenoid Override