

Lexair, Inc.

Looking to lower your overall operating costs? Is the big decision to **Repair** or **Replace**?

Do you manage a fleet of coal or aggregate hauling cars that are past due for preventive maintenance on their door operating systems? Do you have cars that are operating sporadically or not at all? Are you tired of costly spill cleanups due to vandalism or some other inadvertent operation of your doors? If so, you should consider replacing your door operating valves with new state-of-the-art Lexair Second Generation Railcar Valves. From an added benefits and features standpoint, it is less expensive and more cost effective to replace valves on older cars with our newer, improved design. Changing to these new valves with all their great features helps assure correct and proper operation of your cars. This action will assist you in lowering your overall costs and help you keep your “cost-per-mile” of operation as low as possible.

Second Generation Valve Features:

- Main valve element is based on our rugged “sliding shoe” construction – the same trouble-free design that has been used in our railcar valves for over two decades.
- A sequenced mechanical lock maintains the valve in the “door close” position regardless of outside forces or vibration.
- The locking feature is released only when an electrical or manual signal to shift has been received.
- A visual indicator is operated via the lock mechanism that clearly shows whether the valve is in the “door close” position with the valve element locked in place or if the valve is in the unlocked or “door open” position.
- Because they are mechanically locked in the “door close” position, the valves may be mounted in any position or orientation - the valve element does not have to be perpendicular to the rails.
- The units can easily be modified so that they can be linked to ECP Brake Systems in the future for communication of valve position status.
- The modular design allows the main valve unit to be removed/replaced in minutes without disturbing the electrical connection or plumbing when repair due to age or service conditions becomes necessary.
- Self closing solenoid cover/junction box can be locked to prevent unauthorized access to manual overrides.
- Our patented “Safety Check” technology (U.S. Patents 7,093,455 and 7,328,661) is available as a “no-charge” option.
- Innovative lock/indicator features latest Lexair, Inc. technology (U.S. Patents 8,038,231 and 8,256,850).

Typical Before Installation Photos



Typical After Installation Photos

