



## Heavy-Duty Air Brake Components Installation Instructions



**IMPORTANT: THE FOLLOWING PRECAUTIONS MUST BE TAKEN WHEN INSTALLING THIS VALVE!  
FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE INJURY AND/OR PREMATURE COMPONENT & SYSTEM FAILURE**

1. All PAI/Excel air brake components are individually tested prior to shipment. Take care to install it properly.
2. Never disconnect any line or component while under pressure. Tag disconnected lines to assure proper re-installation.
3. Contamination is the most common cause of premature air system failure. Check the compressor air inlet filter and replace as necessary. Check the compressor air inlet line for kinks or other restrictions (5/8in ID minimum required). Leakage between inlet filter and compressor not allowed. Compressor inlet should never be connected to engine exhaust gas recirculation system (EGR).
4. Thread sealing compound, if allowed to enter the air brake system can and will result in component/system failure. Use sparingly.
5. Do not overtorque fittings. Excessive torque can result in a cracked housing and voids the warranty.
6. Never exceed the OE manufacturer's recommended system air pressures.

**NOTE:** Under certain conditions, a failed/leaking component may cause flow and leakage from the exhaust of a properly working valve downstream. Disconnect the delivery lines from the valve exhibiting the exhaust flow to determine if the air flow is being fed from another source.

**ISO 9001**  
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