

Technical Bulletin

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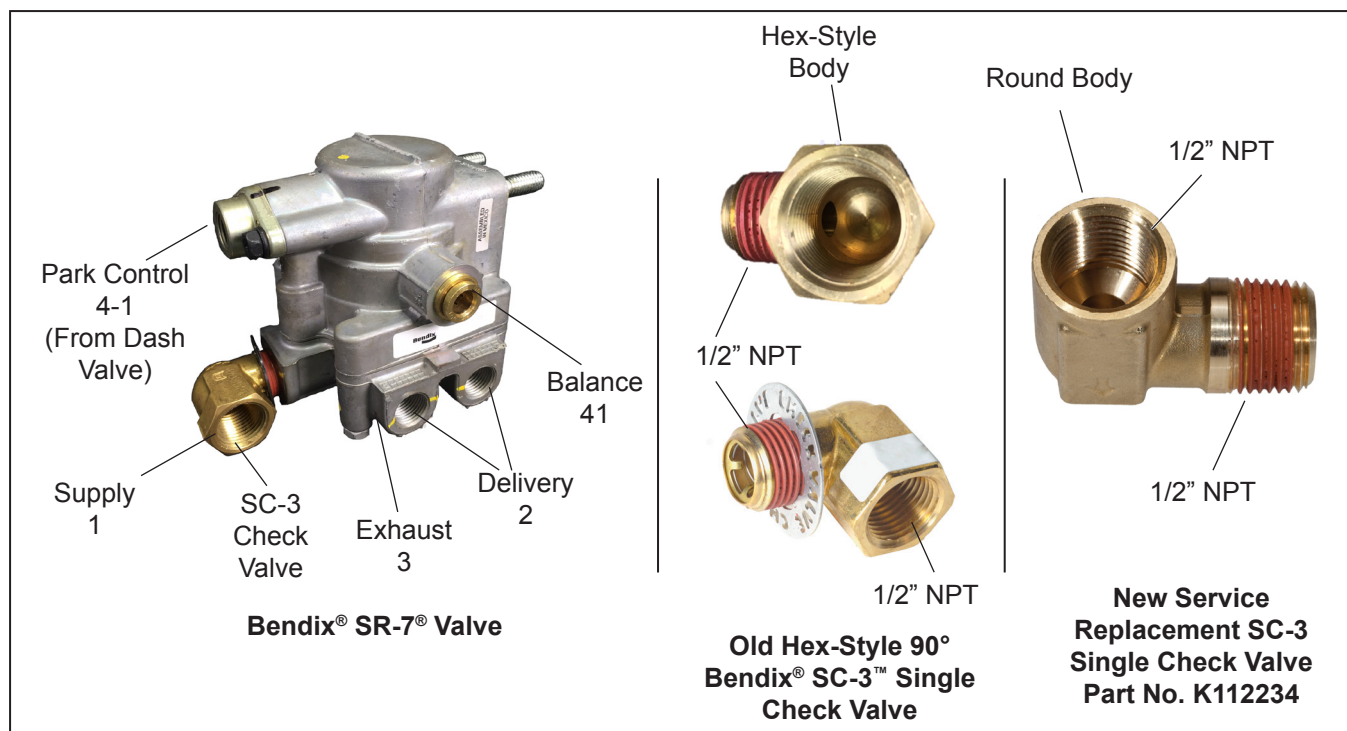
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Subject: BENDIX® SR-7® SPRING BRAKE MODULATING VALVE LEAKAGE AND SC-3™ SINGLE CHECK VALVE REPLACEMENT

This bulletin is specific to Bendix® SR-7® spring brake modulating valve applications that require the use of a Bendix® SC-3™ single check valve at the supply port of the SR-7 valve. Bendix offers many styles of SC-3 single check valves and this bulletin pertains only to the hex-style 90° elbow pictured below (1/2" NPT female x 1/2" NPT male) and only when it is used in the supply port of the SR-7 spring brake modulating valve.



Bendix is aware that certain vehicle applications can cause the hex-style 90° elbow SC-3 check valve to wear prematurely and contaminate the SR-7 valve, causing a small reservoir leak through the SR-7 valve exhaust.

A worn SC-3 check valve may not be visible. When replacing an SR-7 valve due to leakage and a hex-style 90° SC-3 is in the supply port, it is advisable to also replace the hex-style SC-3 check valve with its replacement, new generation, SC-3 single check valve design pictured above.

DIAGNOSING A LEAKING SR-7 SPRING BRAKE VALVE WITH A HEX-STYLE SC-3 CHECK VALVE

When performing any inspection or service, refer to the guidelines outlined in the SR-7 spring brake modulating valve Service Data sheet, SD-03-9043, or the instruction sheet as applicable.

1. Pressurize the park control and supply port with full system air pressure. If air is leaking out the exhaust port, remove the SR-7 valve and its attached SC-3 check valve from the vehicle. If there are no leaks, return the vehicle to service.
2. If leaks exist from the SR-7 exhaust port, submit the SR-7 and SC-3 valve assembly for warranty consideration.

For additional assistance contact the Bendix Tech Team at 1-800-AIR-BRAKE, option 2 (1-800-247-2725, option 2) or techteam@bendix.com

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