

# Technical Bulletin

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Cancels: N/A

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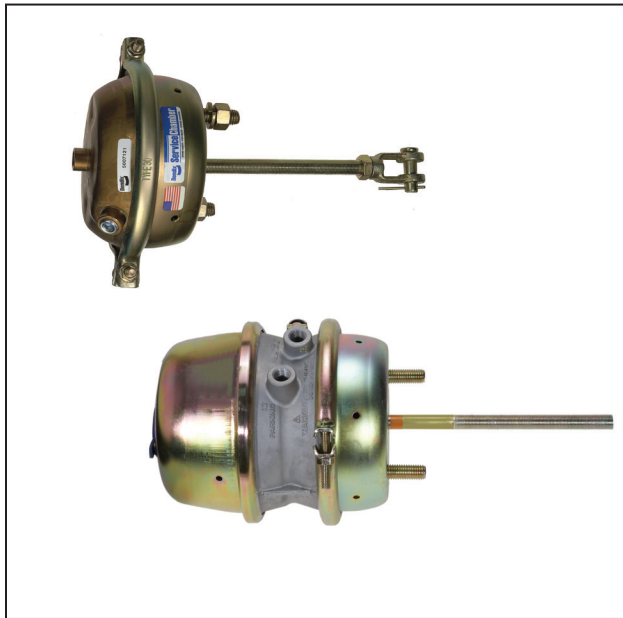
## Subject: Hexavalent Chromium (Cr6) Transition to Trivalent Chromium 3 (Cr3) and E-Coat for Brake Actuator Products

Bendix Spicer Foundation Brake (BSFB) began the transition from hexavalent chromium (Cr6) to eco-friendly alternatives—trivalent chromium 3 (Cr3) and Electronic Deposited Paint (EDP)—on brake actuators in 2018. This coating transition affects the pushrods, non-pressure housings, clamp bands, and spring housings of the brake actuator assemblies, and is scheduled to be complete by the end of 2020.

What you need to know about this change:

- The corrosion resistance of the new coatings has been determined to be equivalent to, or better than, that of the hexavalent chromium (Cr6).
- This is a running change, therefore a part number change is not being implemented. As stock is depleted of the components with hexavalent chromium, the components with the new coatings will be phased into production.
- Spring brake assemblies may contain components that have a mixture of coatings until all of the hexavalent chromium parts are depleted. Functionality is not affected.
- Shipments of the same part number may appear different due to the coating differences. Functionality is not affected.

**Hexavalent Chromium (Cr6)  
(Legacy Coating)**



**Trivalent Chromium 3 (Cr3) or EDP  
(New Coating)**



For additional support, contact your Bendix representative or the Bendix Tech Team at 1-800-AIR-BRAKE (1-800-247-2725), option 2, for further assistance. Representatives are available Monday through Thursday 8:00 am - 6:00 pm and Friday 8:00 am - 5:00 pm. You can also reach the Tech Team by email at [techteam@bendix.com](mailto:techteam@bendix.com).