

Technical Bulletin



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Subject: **BENDIX® BA-921® COMPRESSORS AND ST-4™ SAFETY VALVES**

Bendix has standardized on a 1/4" safety valve port size for Bendix® BA-921® compressors. All new BA-921 compressors include a 1/4" Bendix® ST-4™ compressor safety valve installed in the cylinder head. The service replacement piece number for this safety valve is K039542.

The old style BA-921 compressors were manufactured with a variety of port sizes, depending upon application. Note that all BA-921 service new compressor applications that previously used other safety valves—such as the M16 safety valve or 7/8" STORP (straight thread o-ring port) safety valve, piece numbers 800534 and 801116, respectively—now use a 1/4" safety valve.

All Bendix BA-921 remanufactured compressors will continue to have a variety of port sizes and safety valve sizes. The table below shows the most common Bendix ST-4 safety valves available in service. These valves are not being obsoleted or replaced. Note that ST-4 safety valve piece number 131081 includes a 1/4" safety valve and a 1/4" to 1/2" adapter bushing. This safety valve can be used to service the new BA-921 compressor heads (without using the bushing), as well as the old style compressor heads with 1/2" ports (using the bushing).

Bendix® ST-4™ Safety Valve Piece Number	Comments	Pressure Setting	Thread	Number of holes
800019		150 psi	1/2-14 NPT	2
800350	Dryer Reservoir Module application	150 psi	1/4-18 NPT	1
800155		200 psi	1/4-18 NPT	1
131081	Includes a 1/2" to 1/4" reducer bushing	250 psi	1/4-18 NPT	2
800154		250 psi	1/2-14 NPT	2
800533		250 psi	3/4-16 UNF-2A	2
800534		250 psi	M16 x 1.5-6H	2
801116		250 psi	7/8-14 UNF-2A	2
K039542		250 psi	1/4-18 NPT	2



For additional information please contact the Bendix TechTeam. Call 1-800-AIR-BRAKE (1-800-247-2725), email techteam@bendix.com or visit www.bendix.com.