

Technical Bulletin

Bulletin No.: TCH-001-031 Effective Date: 9/1/90

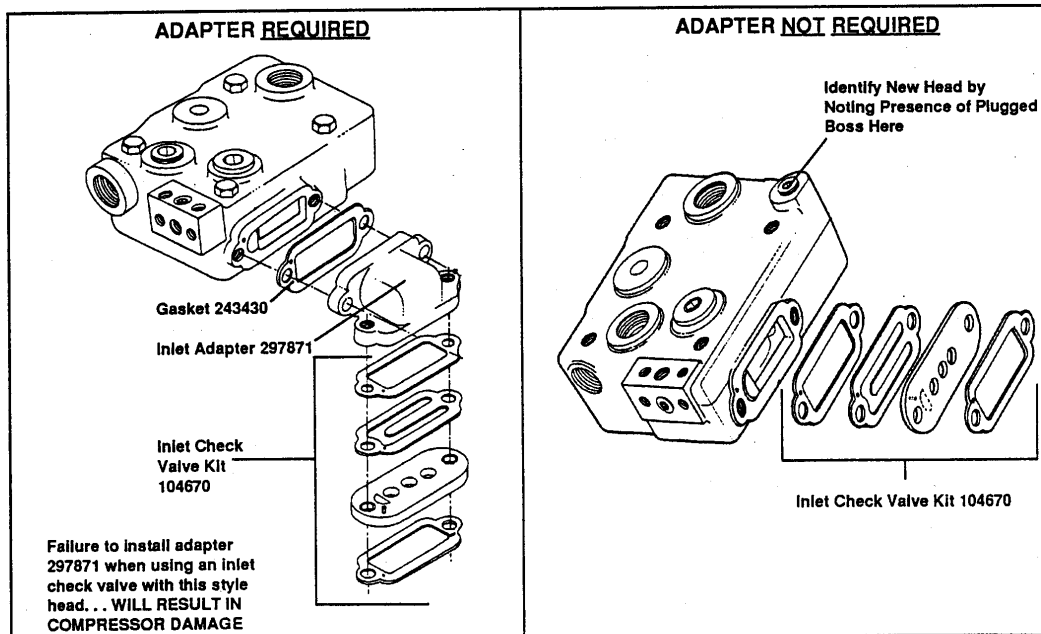
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Subject: **BX-2150 Compressor Inlet Check Valve With New & Old Head Assembly**

The majority of naturally aspirated Bendix BX-2150 compressors in service, utilize an inlet check valve assembly (ICV). In order to use the ICV without damage to the compressor it is necessary to:

1. Determine that the compressor inlet is NOT CONNECTED TO THE PRESSURE SIDE OF THE TURBO CHARGER. The inlet check valve cannot be used when the compressor is turbocharged.
2. Determine which style cylinder head is installed on the compressor. Bendix recently released a new style cylinder head which is being installed on some new production compressors. The new style head will eventually replace the older head.
3. IT IS EXTREMELY IMPORTANT THAT INLET ADAPTER 297871 BE INSTALLED ON THE OLD STYLE HEAD. FAILURE TO INSTALL THE INLET ADAPTER ON COMPRESSORS EQUIPPED WITH THE OLD STYLE CYLINDER HEAD WILL RESULT IN COMPRESSOR DAMAGE AND EVENTUAL FAILURE. NOTE: Inlet adapter 297871 is not required on the new style head but can be installed in error without harm to the compressor.

A warning tag is installed on replacement BX-2150 compressors which provides the information given here.



Caution: A single cylinder compressor's oil control can be adversely affected when an ICV is used in conjunction with an air dryer or aftercooler that vents the discharge line during the purge mode. The Bendix AD-9 air dryer can be used with no ill effects due to its integral "Turbo Cut-Off Valve" which prevents discharge line venting during the purge mode. Reference product bulletin PRO-08-14 for further information on this phenomenon.

