

BULLETIN #: 13T-06A

SUPERSEDES: 13T-06 dated Nov-12-2013
 DATE: Aug-10-2017
 AUTHOR: S. Holden

**SUBJECT:** Unloader valve changes for screw compressors TECHNICAL MARKETING

Page 1 of 2

Products Affected: 06D 06E 06CC 06M 06U 06V
 5F 5H 05G 05K
 06TA/TR 06TS-TT-TU-TV

Background:

The solenoid valves and the coils used on the Carlyle screw compressors will be changing.

Table 1 – Solenoid Valve Part Numbers		
Old Part Number	New Part Number	Description
8TA0049D	2BAB000626	Unloader valve
8TB0884	2BAB000627	Oil control valve

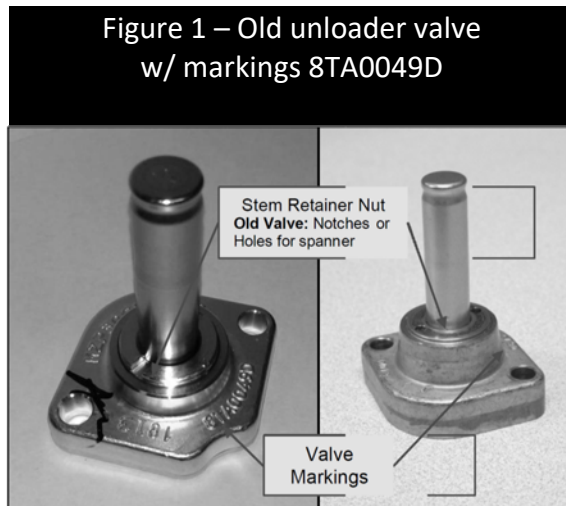
This change requires that for some applications the new valves be used with solenoid coils made with insulation having a higher temperature rating. Refer to the Table 2 for the part numbers for the solenoid coils to be used with the new valves. Applications that used the solenoid coils in the left column will need to use the solenoid coils in the right column with the “new” valves.

Table 2 – Solenoid Coil Part Numbers	
Old Part Number	Description
EF19ZE024	EF19ZZ001
EF19ZE120	EF19ZZ002
EF19ZE240	EF19ZZ003
22-50030-00	No Change
06DA401834	
06DA509584	

The new coils listed are both forward and backward compatible. In other words they can be used with either “new” or “old” valves. However, “old” coils cannot be used with the new solenoid valves.

Identification:

The old and new valves can be identified by the shape of their stem retainer nuts and the markings on the valves. The part numbers are shown on the base of each valve. See Figures 1 - 4. Note: 06N compressors manufactured prior to Dec 12th 1998 (S/N: <5098Jxxxxx) used an Alco 8TB0226 oil control solenoid. The marking on this valve will be different. Both the new valve and coil will work on these compressors. Follow the instructions with the service kits



Reason for Change:

The supplier discontinued production of these solenoid valves. A new supplier has been qualified and will be used for all future production. The new solenoid valves require a coil with a higher temperature rating.

Models: 05T, 06T, 06N, TS, TT, TU, and TV series screw compressors.

Effective Date: May 2014

If you require any additional information or clarification, please contact Application Engineering.