

BULLETIN #: 13T-04A

SUPERSEDES: 13T-04 dated Nov-11-2013

DATE: Aug-10-2017

AUTHOR: S. Holden

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

Page 1 of 2

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

Background:

Change in manufacturer of unloader valves resulting in change in unloader valve part numbers. The old and new part numbers are given in Table 1.

Table 1 – Unloader Valve Part Numbers		
Old Part Number	New Part Number	Description
06DA408824	2ADB000616	Solenoid valve only
06DA405263		
06DA408834	2ADB000617	Solenoid valve assembly w/ hot-gas bypass piston
06DA405244		

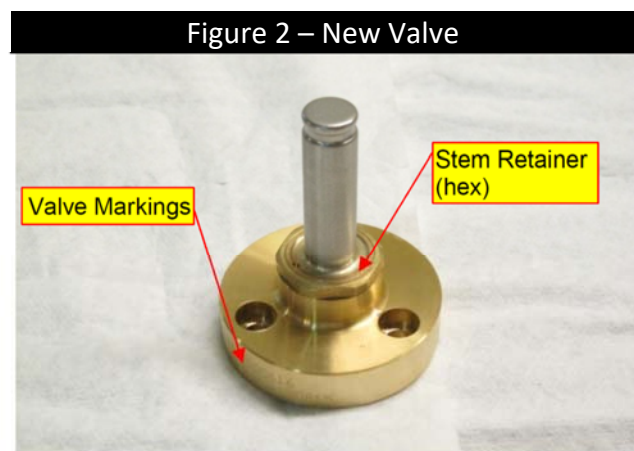
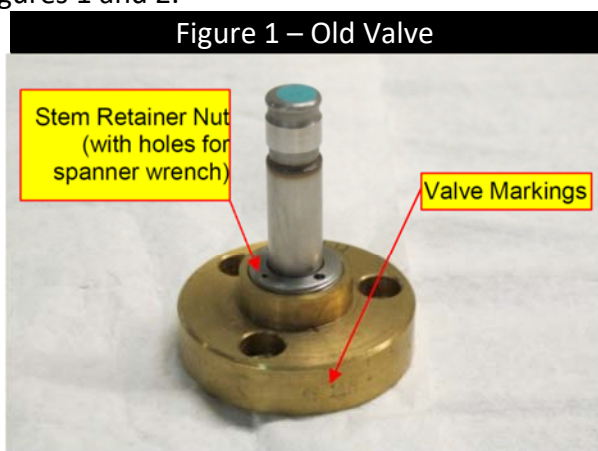
Both the solenoid valves and the coils used on the Carlyle reciprocating compressors will be changing. This change requires that for some applications the new valves be used with solenoid coils made with insulation having a higher temperature rating. Refer to the Table 2 for the part numbers for the 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	New Part Number
EF19ZE024	EF19ZZ001
EF19ZE120	EF19ZZ002
EF19ZE240	EF19ZZ003
22-50030-00	No Change
06DA401834	
06DA509584	
22-60067-00	
22-02804-00	
22-02804-01	
22-02804-02	
22-02579-00	

The “new” coils listed in Table 2 are both forward and backward compatible. They can be used with either “new” or “old” valves. However, “old” coils cannot be used with the “new” solenoid valves. The coils listed in the right column can be used in place of those in the left column.

Identification:

The old and new valves can be readily differentiated by the shape of their stem retainers. See Figures 1 and 2.



They can also be identified by the markings located on the side of the valve.

Markings on Old Valves:

“06DA405264”, “06DA408824”, “06DA405244”, or “06DA408834” (either of the four)

Markings on New Valves:

“2ADB000616”

Models:

06D, 06E, 05G, and 05K series reciprocating compressors with Suction Cutoff or Hot Gas Bypass type unloader valves.

Reason for Change:

The old 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.

Effective Date: May 2014

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