

# **Micro Control Systems**

## **APPLICATION NOTE**

### **APP-041**

# **Hanbell Procedure to Change SV Stepless to Step with Mounting Type Normally Open SV Notes**

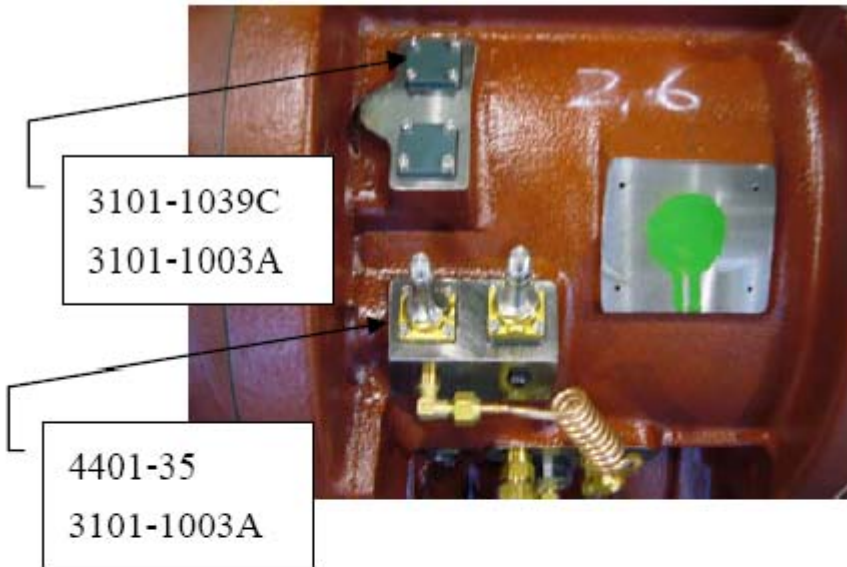
## **Revision History**

<b>Date</b>	<b>Author</b>	<b>Description</b>
12/12//06	Kelly Mitchell	Created Application Note

## Theory

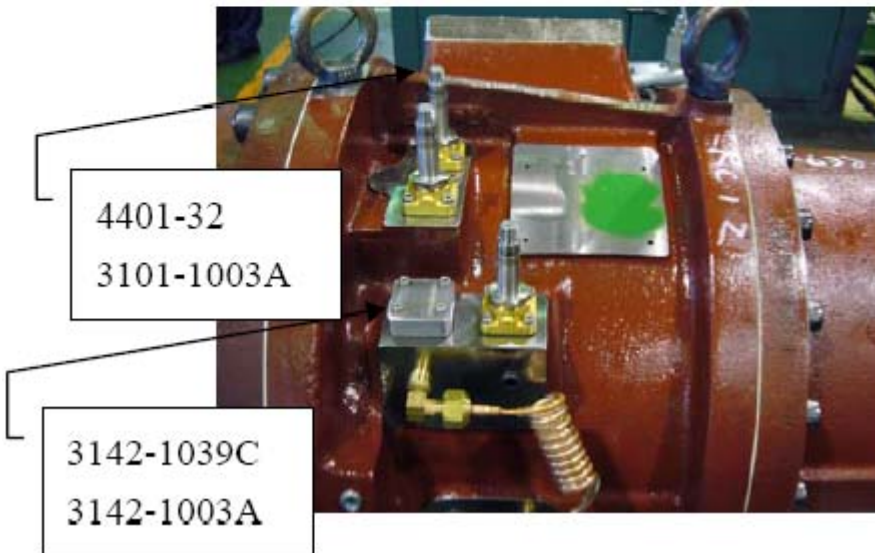
This Application Note outlines a procedure to change SV stepless to step with mounting type NO SV.

## Installation Directions



### Step 1

1. Remove cover plate (part # 3101-1039C) and gasket (part # 3101-1003A) in 50% and 75%.
2. Remove NO SV body (part # 4401-35) and gasket (part # 3101-1003A). If your unit was equipped with an O-ring and orifice plate remove them.



### Step 2

1. Fix cover plate (part # 3142-1039C) and gasket (part # 3142-1003A)
2. Fix NC SV body (part # 4401-32) and gasket (part # 3101-1003A)



**Step 3**

Loosen four bolts of NC solenoid valve ty T-type hex wrench



**Step 4**

Remove solenoid valve

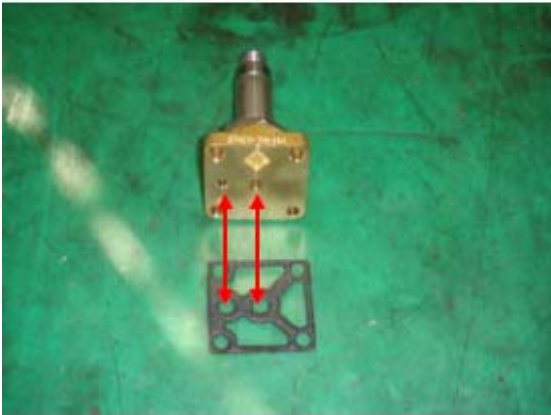


**Step 5**

Remove gasket

**Step 6**

Clean the surface of the compressor with oilstone and clean the oil-line holes with pressurized air (if possible).

**Step 7**

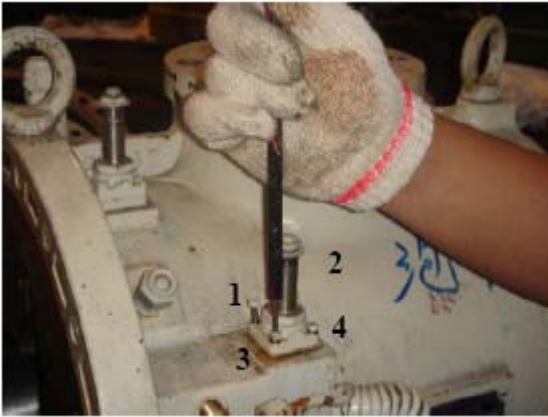
Two openings in the bottom of the NC solenoid valve body must correspond to the two holes of the gasket.

**Step 8**

Combine NC solenoid valve body and gaskets by putting on the four bolts.

**Step 9**

Install NC solenoid valve on compressor casing and make sure the two openings in the bottom of the NC solenoid valve body correspond to the oil-line holes in the compressor casing.



### Step 10

Fasten the four bolts of the NC solenoid valve by T-type hex wrench in diagonal order (#1, #4, #2, then #3) till they are tight.