HercuLine 2001 Actuator
1000 Ohm Potentiometer Kit
Replacement Instructions
51452342-501

Overview
These instructions apply to the following kit: 51500324-501 Top Cover Assembly with Display Upgrade Kit and its application to the 10260S Series Actuators. This kit allows you to add or replace the local display/keypad control function to 10260S actuators.

Summary
This kit contains a new potentiometer and associated parts for your HercuLine 2001 Actuator.

Tools Needed
To perform the installation procedure, you will need the following tools:

- Medium Flat-blade screwdriver
- Medium Phillips screwdriver
- Small needle-nosed pliers

Procedure

**WARNING**
Disconnect power before accessing components inside the actuator. Failure to do so may result in death or serious injury.

**ATTENTION**
When working with Printed Wiring Assemblies (PWAs) always protect against electrostatic discharge by wearing a grounded wrist strap. Failure to do so may result in equipment damage.
Table 1  1000 Ohm Installation Procedure

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
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<tr>
<td>1</td>
<td>Disconnect power from the actuator.</td>
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| 2    | **Move the actuator output shaft to 50%.**  
If the actuator has a hand wheel, rotate the hand wheel until the pointer is at 50% on the scale.  
If the actuator does not have a hand wheel, remove the top cover and rotate the shaft at the bearing retainer plate until the pointer is at 50% on the scale. |
| 3    | Remove top cover. |
| 4    | **Potentiometer Assembly**  
Slide the end of the potentiometer shaft into the end of the cam shaft.  
Secure the bracket to the casting using 2 Sems screws.  
Tighten the bracket hardware. DO NOT TIGHTEN SET SCREW. |
| 5    | **Connect to backplane.**  
Plug potentiometer cable into receptacle on backplane. |
| 6    | **Adjust the potentiometer.**  
| 7    | Replace the gasket. |
| 8    | Reattach the top cover. |
Warranty/Remedy

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