10260A series Actuator Cam Replacement Instructions
51205553-501

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Summary
Enclosed is a cam kit. Use these cams to replace 10260A cams.
The kit contains 6 cams—4 are preassembled. Use this assembly for replacing up to four cams. If you want 5 or 6 cams you must add the 2 separate cams to the assembly.
Note: If you are replacing faulty cams, replace all the cams.

Procedure
See Table 1 for procedure.

WARNING
Disconnect power before accessing components inside the instrument.

ATTENTION
When working with circuit cards always protect against electrostatic discharge by wearing a grounded wrist strap.
Table 1  10260A Cam Installation Procedure

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
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</table>
| 1    | Remove covers:  
      • Remove screws from top and top rear covers.  
      • Remove covers. |
| 2    | Assemble cams:  
      • This kit contains 4 cams preassembled. If your instrument currently has more than 4 cams, add the extra cams to the 4-cam assembly, according to Figure 1. |

Figure 1  Exploded view of cam assembly
Table 1 10260A Cam Installation Procedure

<table>
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<tbody>
<tr>
<td>3</td>
<td>Ground wire&lt;br&gt;Ground wire&lt;br&gt;Cam assembly (all 6 cams shown)</td>
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<tr>
<td>4</td>
<td>Figure 2 Exploded view of 10260A</td>
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<tr>
<td>5</td>
<td>Figure 2 Exploded view of 10260A</td>
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</tbody>
</table>

Remove hardware:
- With .050” hex wrench, loosen spoiler. See Figure 2.
- Remove screw from non-contact sensor board frame. See Figure 2, item 235. Set the frame and board aside or on top of the instrument out of the way.

4 Install new cams:
- Loosen 2 hex head screws holding cams to camshaft and remove the cam assembly. You may have to use a thin screwdriver to hold down the switch levers beneath the cams for removal.
- Replace with the new cam assembly from step 2. Align cams with switches (see Figure 2) and tighten both set screws.

5 Adjust cams:
- Adjust the cams according to document 62-86-25-06, 10260A Series Actuators with Non-Contact Position Sensing Installation, Operation and Maintenance Manual. Refer to calibration section.
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| 6    | Reinstall hardware:  
  - Install 4 screws securing bracket. See Figure 2, item 236. It is suggested you use a screwdriver that grips the screws to prevent dropping them. Do not use a magnetic screwdriver; you can damage the sensitive electronics nearby.  
  - Install screw to attach non-contact sensor board frame. See Figure 2, item 235. |
| 7    | Adjust the non-contact sensor. Refer to calibration section of document 62-86-25-06. |
| 8    | Re-gasket top and rear covers. Reattach covers. |
| 9    | This completes the procedure. |