CPA Series Check Valve
Maintenance Instructions

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**WARNING**
If the valve is disconnected from a system, it must be depressurized, cycled, and purged.

**CAUTION**
Care should be taken to not scratch or damage sealing surfaces.

Disassembly

1. Loosen the locking screw 1/4 turn.
   • 4CPA - 5/32 HEX KEY
   • 8CPA - 5/16 HEX KEY

2. Slide the hex wrench down into the adjusting screw and loosen.
   (Locking screw should end up flush with body face)

3. • 4CPA - 3/16 HEX KEY
   • 8CPA - 3/8 HEX KEY

4. Tighten the insert lock screw according to the table.

<table>
<thead>
<tr>
<th>Valve Series</th>
<th>Valve Material</th>
<th>Torque Value in lbs (N·m)</th>
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<tbody>
<tr>
<td>4CPA</td>
<td>Brass</td>
<td>45 (5.1)</td>
</tr>
<tr>
<td></td>
<td>All Other</td>
<td>85 (9.6)</td>
</tr>
<tr>
<td>8CPA</td>
<td>Brass</td>
<td>100 (11.3)</td>
</tr>
<tr>
<td></td>
<td>All Other</td>
<td>300 (33.9)</td>
</tr>
</tbody>
</table>

5. Turn the adjusting screw clockwise to increase the cracking pressure; counterclockwise to decrease cracking pressure.

6. Slide the hex wrench back into the locking screw only and turn clockwise to lock valve.

7. Make sure all components are clean.

Reassembly

1. Lubricate the O-Ring and install it on the insert.
   (Lubricate with system compatible lubricant)

2. 

3. 

4. 

5. 

6. Discard components that will be replaced.

7. Test product prior to installation in the system.

8. Attach the new label to the body hex, as necessary.