Viega MegaPress 3-Piece Ball Valve Maintenance

For MegaPress, MegaPressFKM, MegaPress 304, and MegaPress 316

Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with Viega products and their installation. Installation by non-professionals may void Viega LLC’s warranty.

1. Shut off the supply line. Open the ball valve.
2. Release the flange connections. Remove the bolts.
3. Remove the middle section of the ball valve laterally.
4. See illustration for example of separated middle section.
5. Remove the handle.
6. Remove the ball from the valve.
7. Remove the PTFE gaskets.
8. Press out the spindle from top to bottom.

CAUTION! Check the interior components for dirt and damage before mounting. Clean the components if needed.
9. Swap the spindle seal. Unscrew the stem nut.
10. Remove the gasket with a suitable tool.
11. Replace with new gasket.

Reassemble in the reverse order of the disassembly steps. Refer to the torque table below for body and stem nut torque requirements.

Check to see that all components have been installed after reassembly.

Operating Conditions

- Valves are not to be used in safety functions such as safety loops or separating incompatible fluids.
- Service shall be compatible with the materials of construction. Valve selection is the responsibility of the designer/engineer/user to determine if the valve is appropriate for the intended service application.
- Dependent upon the application & the possibility of material deterioration in service, need for periodic inspections are the sole responsibility of the user.
- Supports shall not be welded directly to any part of the valve.
- It is the responsibility of the system designer to implement adequate protection to minimize reaction forces and moments.
- It is the responsibility of the designer/installer to adhere to all applicable codes & standards.
- Valves are not to be used as flow control devices, use is for on-off service only (not to be used for throttling).
- Operating valves while exceeding the temperature and pressure limits may result in valve failures where chemical attack or corrosion generally occurs gradually.

<table>
<thead>
<tr>
<th>VALVE SIZE (in)</th>
<th>Valve Body Bolt &amp; Nut Size</th>
<th>Bolt Torque +/- 5 ft/lbs (Nm)</th>
<th>Valve Stem Nut Size (mm)</th>
<th>Stem Nut ft/lbs (Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>½</td>
<td>M8 x 55 M8</td>
<td>7.5 (10)</td>
<td>AF 16</td>
<td>7.5 10</td>
</tr>
<tr>
<td>¾</td>
<td>M8 x 65 M8</td>
<td>15 (20)</td>
<td>AF 18</td>
<td>11 15</td>
</tr>
<tr>
<td>1</td>
<td>M10 x 75 M10</td>
<td>15 (20)</td>
<td>AF 21</td>
<td>11 15</td>
</tr>
<tr>
<td>1½</td>
<td>M10 x 90 M10</td>
<td>22.5 (30)</td>
<td>AF 22</td>
<td>18.5 25</td>
</tr>
<tr>
<td>1½</td>
<td>M10 x 100 M10</td>
<td>22.5 (30)</td>
<td>AF 24</td>
<td>18.5 25</td>
</tr>
<tr>
<td>2</td>
<td>M10 x 100 M10</td>
<td>22.5 (30)</td>
<td>AF 24</td>
<td>18.5 25</td>
</tr>
</tbody>
</table>