Universal Mounting Instructions

Installation

The following instructions will assist you in mounting the Parker gearhead to your motor. If additional assistance is required please go to www.parkermotion.com or call 707-584-7558 and ask to speak with an application engineer.

Parts supplied
- Parker Gearhead
- Socket head cap screws (4) with lock washers
- Hex Wrench

Mounting Instructions

Step 1: Remove the plastic plug from the bolt access hole in the rear adapter plate of the gearhead. (Figure 1)

Step 2: Rotate the pinion until the head of the pinion screw is aligned with access hole to be accessed with hex wrench.

Step 3: Insert the supplied Hex wrench through the bolt access hole into the head of the pinion bolt and loosen the pinion bolt.

Step 4: Align split in bushing sleeve with split in pinion. (Figure 2)

Step 5: Make sure the motor shaft and face are clean and dry for best installation. Insert the motor shaft into the gearhead pinion. If the motor shaft has a flat, rotate the shaft so that the flat is opposite the pinion bolt. (Figure 3)

Step 6: Align the motor flange mounting holes to the holes on the gearhead and secure gearhead tight to motor face using 4 supplied socket head cap screws and lockwashers. Make sure to keep pinion bolt aligned with access hole.

Step 7: Tighten pinion screw using supplied wrench to torque value in table below.

Step 8: Check that the gearhead is fully seated onto the motor flange. Reinsert plastic cap into pinion bolt access hole.

Screw Tightening Torque

<table>
<thead>
<tr>
<th>Frame Size</th>
<th>Screw Size</th>
<th>Tightening Torque (Nm)</th>
<th>Tightening Torque (in-lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>M3</td>
<td>1.21</td>
<td>(11)</td>
</tr>
<tr>
<td>60</td>
<td>M4</td>
<td>3.5</td>
<td>(31)</td>
</tr>
<tr>
<td>90</td>
<td>M5</td>
<td>7.23</td>
<td>(64)</td>
</tr>
<tr>
<td>115</td>
<td>M6</td>
<td>11.86</td>
<td>(105)</td>
</tr>
<tr>
<td>142</td>
<td>M8</td>
<td>29.25</td>
<td>(258)</td>
</tr>
</tbody>
</table>

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