ROTOR TO HUB ASSEMBLY
Not all hub and rotor assemblies are the same. Refer to the applicable procedure listed in this section.

**NOTE:** The hub and rotor assembly must be installed before mounting the ADB caliper.

**NOTICE:** Thoroughly inspect rotor condition before reuse. For details, refer to T72009 MAXX22™ Installation & Maintenance or rotor manufacturer.

**IMPORTANT:** Hendrickson does not recommend reusing fasteners.

**CAUTION:** DO NOT lift an ADB caliper assembly by the brake pad retainer bracket.

For more safety and precautionary statements, refer to Hendrickson literature number T12007, available at www.Hendrickson-intl.com/TrailerLit.

**FLANGED MOUNTED HUB AND U-SHAPED ROTOR**

1. Ensure both hub and rotor mounting surfaces are clean and free of loose dirt, corrosion, grease, and debris.
2. Place the rotor onto a stable work surface with the outboard mounting surface facing upward.
3. Carefully lower the hub onto the rotor until the hub mounting pilot engages the rotor bore.
4. Align fastener holes and insert new screws and washers.
5. Hand tighten.
6. Properly constrain assembly and tighten mounting screws, in the sequence shown in Figure 1, to 220±10 ft. lbs. (300±10 Nm) of torque.

**NOTE:** Ensure the heads of the new screws are recessed below the flange wheel mounting surface.

**STUD MOUNTED ROTOR**

Refer to T82006 for disassembly or stud replacement procedures.
BENDIX SPLINED DISC® ROTOR ASSEMBLY

Splined Disc® rotor

Figure 3: ConMet hub & Bendix Splined Disc rotor assembly

For rotor information, refer to the Bendix website.

CONMET FLAT ROTOR AND HUB ASSEMBLY

Tone ring & 10 fasteners nuts (x10)

Figur 4: ConMet hub & flat rotor assembly

Refer to ConMet website.

MOUNTING CALIPER TO TORQUE PLATE

1. Ensure both torque plate and caliper mounting surfaces are clean and free of loose dirt, corrosion, grease and debris.

2. Align and place caliper over rotor and against torque plate.

NOTE: If included with pre-assembled pads, pad spacers should pop out as caliper is positioned onto rotor.

3. Insert and hand tighten the six new mounting screws and washers.

4. Visually inspect to ensure proper placement.

5. Select the applicable socket listed in Table 1.

6. Tighten mounting screws, in sequence shown in Figure 5, to the specified torque listed in Table 1.

7. If not pre-assembled, install brake pads and complete installation according to caliper manufacturer’s procedures.

<table>
<thead>
<tr>
<th>BRAKE</th>
<th>FASTENER (socket size)</th>
<th>TORQUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hendrickson MAXX222™ A</td>
<td>27 mm</td>
<td>280±11 380±14</td>
</tr>
<tr>
<td>WABCO PAN™19 &amp; 22</td>
<td>B 30 mm</td>
<td>350±25 475±33</td>
</tr>
<tr>
<td>WABCO PAN 17</td>
<td>C 22 mm</td>
<td>140±15 190±20</td>
</tr>
</tbody>
</table>

Table 1: Torque plate/caliper fastener specifications

Figure 5: Torque plate torque sequence

Call Hendrickson at 866.RIDEAIR (743.3247) for additional information.