2-Piece Rotor Rebuild Kit Assembly Instructions

**PROLOGUE:**
Study these instructions completely and thoroughly before proceeding to assemble. Installation can be completed using common tools and automotive procedures. The installer must have a thorough knowledge of automotive systems operation. If unfamiliar with any of the concepts outlined in this instruction, we recommend the installation be completed by a qualified professional.

**WARNING!** Extreme caution should be taken when performing ANY maintenance or performance upgrades to your vehicle. Please observe and abide by any Warning or Caution labels placed on the various components and tools used when servicing your vehicle. If you have any questions regarding the installation or the various components included with the Z1 Motorsports 2-Piece Rotor Rebuild Kit consult with a Professional Mechanic or contact Z1 Motorsports for more information.
**Parts Included:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>Iron Rotor Disc</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Aluminum Rotor Hub</td>
</tr>
<tr>
<td>3</td>
<td>20</td>
<td>M6-1.0 x 20mm Flanged Bolt</td>
</tr>
<tr>
<td>4</td>
<td>20</td>
<td>M6-1.0 Brake Hub T-Nut</td>
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<tr>
<td>5</td>
<td>2</td>
<td>Loctite #271 Thread Locker</td>
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</tbody>
</table>

**Tools Required:**

- Ratchet
- 10mm Socket
- Torque Wrench
- Center Punch (optional)

Hammers (optional)

*BEFORE YOU BEGIN!*

Remove contents from the Z1 Motorsports 2-Piece Rotor Rebuild Kit and verify that ALL necessary hardware is present.

**Assembly Instructions:**

1) Locate Aluminum Hub and place onto workbench, facing downward.


3) Locate M6-1.0 x 20mm T-Nuts. Insert T-Nut through each mounting hole along outside of Aluminum Hub (as shown).

   **Note:** Z1 Front Rotors have (10) mounting holes. Z1 Rear Rotors have (8) mounting holes.

   **Note:** Assure that shoulder of each T-Nut is aligned with mounting holes along inside of Disc.
4) Locate M6-1.0 x 20mm Bolts. Apply small amount of Loctite #271 Thread Locker to end of each Bolt.

5) Insert Bolt through backside of Iron Disc & Aluminum Hub. Thread into T-Nut until head is flush with Disc. **DO NOT TIGHTEN.**

6) Repeat Step #5 to remaining mounting holes.

   **Note:** Z1 Front Rotors have (10) mounting Bolts. Z1 Rear Rotors have (8) mounting Bolts.

7) Locate Torque Wrench. Apply 96 in-lbs to each M6 Bolt in sequence pattern shown below.

   **Note:** Assure that flange of T-Nut is flush against Aluminum Hub

   **Note:** DO NOT tighten hardware any further. Tightening the hardware beyond specifications can be as dangerous as under-tightening and will lead to service failure.

8) Repeat Steps #1 through #7 to remaining Rotor Assemblies.

   **Note:** Thread Locker sets in approximately 10 minutes and fully cures in 24 hours. Do not operate 2-Piece Rotors until Thread Locker fully cures.

   **Pro Tip!**

   Extend the security of your hardware during harsh racing conditions by using a Center Punch and Hammer to deform bolt threads extending past the T-Nut.

   **End**

   **Additional Technical Support:**
   Contact Z1 Motorsports at info@z1motorsports.com
   Or call 770 838 7777 between 9am and 6pm ET