The following instructions are included to assist in the proper replacement of the Flue Base assembly. Refer to the Installation & Maintenance Manual for proper adjustments, settings, startup procedures and safety precautions. Installation and service must be performed by a qualified installer or service agency.
Part Number **138634 KIT, FLUE BASE FLANGED PVX FOR FIELD REPLACEMENT** is required. The following parts are included:

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PN</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>UM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>141315</td>
<td>BASE, FLUE FLANGED PVX 10H X 33 1/2 OD REV16</td>
<td>1</td>
<td>EA.</td>
</tr>
<tr>
<td>2</td>
<td>128428</td>
<td>STRIP, ADHESIVE 1/4 X 3/4 X 102 IN SILICONE FOAM RUBBER</td>
<td>1</td>
<td>EA.</td>
</tr>
<tr>
<td>3</td>
<td>141498</td>
<td>NUT, LOCK FLANGE 5/16 X 18 NC NYLON INSERT</td>
<td>10</td>
<td>EA.</td>
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<tr>
<td>4</td>
<td>3499</td>
<td>WASHER, FENDER 3/8 PLT 1 1/2 OD</td>
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<td>EA.</td>
</tr>
<tr>
<td>5</td>
<td>3506</td>
<td>WASHER, FLAT 5/16 ZINC PLT</td>
<td>6</td>
<td>EA.</td>
</tr>
<tr>
<td>6</td>
<td>138635</td>
<td>SHEET, INSTALLATION SUPPLEMENTAL PVX FLUE BASE REPLACEMENT</td>
<td>1</td>
<td>EA.</td>
</tr>
<tr>
<td>7</td>
<td>3476</td>
<td>NUT, LOCK FLANGE 5/16 X 18 NC</td>
<td>6</td>
<td>EA.</td>
</tr>
<tr>
<td>*</td>
<td>3415</td>
<td>BOLT, EYE 3/4 X 3/4 SHANK W/SHOULDER</td>
<td>2</td>
<td>EA.</td>
</tr>
</tbody>
</table>

* Not shown

TORQUE IN FT-LB FOR INDICATED ITEM.
INSTRUCTIONS

1. Drain and flush tank.
3. Disconnect plumbing connections to tank.
4. Disconnect and label electrical connections to water heater.
5. Remove Top Pan and Blower & Burner Assembly:

**Blower & Burner Assembly** (Optional components may not be shown)

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>ITEM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ASSY,TRANSITION BURNER/BLOWER PVX</td>
<td>9</td>
<td>GASKET,FLANGE BURNER</td>
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<tr>
<td>2</td>
<td>ASSY, BULKHEAD PVX W/INSULATION</td>
<td>10</td>
<td>GASKET, IGNITOR</td>
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<tr>
<td>3</td>
<td>BLOWER</td>
<td>11</td>
<td>IGNITER, HOT SURFACE</td>
</tr>
<tr>
<td>4</td>
<td>BURNER</td>
<td>12</td>
<td>NUT, WING 1/4 X 20 NC STEEL ZINC PLT</td>
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<tr>
<td>5</td>
<td>INTAKE, AIR</td>
<td>13</td>
<td>GASKET,FLANGE BURNER</td>
</tr>
<tr>
<td>6</td>
<td>ADAPTER,FLEXIBLE RUBBER</td>
<td>14</td>
<td>NUT,FLANGE LOCK 5/16 X 18 NC</td>
</tr>
<tr>
<td>7</td>
<td>GASKET,BLOWER OUTLET</td>
<td>15</td>
<td>ELL, 1/8 MPT X 1/4 COMPRESSION</td>
</tr>
<tr>
<td>8</td>
<td>TAB,BURNER GROUNDING</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
6. There are two 3/4-10NC welded Hex Nuts on the top of the tank. Attached the eyebolts and use to lift the tank with proper rigging.

7. Locate and remove the 8 ea. nuts and washers that fasten the tank to the flange on the condensate pan.

8. Lift the tank just enough to slide the condensate pan from underneath.

9. Evenly apply the strip adhesive seal along the groove in the flue pan flange, overlapping the end.

10. Reposition the replacement flue pan underneath the tank (be sure to line up with vent piping) and lower tank studs through the flue pan flange.

11. Secure tank to flue pan using new fasteners and torque each to a maximum 11 FT-LB.

12. Reassemble removed materials and piping connections.

13. Check all fuel and plumbing connections for leaks.