Manual Clay Extruder - Replacement Parts

Manual Clay Extruders include a variety of parts that may wear over time with continued use, and may require replacement. The following assembly diagram identifies those items.

Note: The Chrome Clay Cylinder from the Pneumatic Extruder will NOT fit on the manual Clay Extruder.

Parts List

<table>
<thead>
<tr>
<th>Diagram Reference #</th>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>100006</td>
<td>Long Handle Ratchet</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>100007</td>
<td>Chrome Clay Cylinder</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>100008</td>
<td>Rack Gear</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>100009</td>
<td>Pinion Gear/Shaft Assembly</td>
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</tr>
<tr>
<td>5</td>
<td>100010</td>
<td>Pinion Gear</td>
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<tr>
<td>6</td>
<td>1000100</td>
<td>Pinion Gear Shaft with Key</td>
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<tr>
<td>7</td>
<td>100011</td>
<td>Side Plate / Rack and Pinion</td>
<td>1</td>
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<tr>
<td>8</td>
<td>100012</td>
<td>Clay Nozzles (3) - 1/8&quot;, 3/16&quot;, 1/4&quot;</td>
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</tr>
<tr>
<td>9</td>
<td>100013</td>
<td>Light Bulb</td>
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<tr>
<td>10</td>
<td>100014</td>
<td>Socket/Cord Assembly</td>
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<tr>
<td>11</td>
<td>100015</td>
<td>Polyethylene Scraper</td>
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<tr>
<td>12</td>
<td>100016</td>
<td>Teflon Washers (2)</td>
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<td>13</td>
<td>1000160</td>
<td>Screws for Side Plate and Light Socket (5)</td>
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<td></td>
<td></td>
<td>10 - 24 x 1/2&quot; Flat Head Machine Screws</td>
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<td>14</td>
<td>1000161</td>
<td>Screw for Polyethylene Scraper (1)</td>
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<td></td>
<td></td>
<td>1/4&quot; - 20 x 1/2&quot; Flat Head Machine Screw</td>
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</table>
Operating Instructions

**Loading Tooling Clay or Wax into Extruder:**
Lift handle all the way up. Lift up Cartridge (shown at left), and pull out of unit. Check Extruder Nozzle to ensure it is not clogged with dried material. Take a fresh block of tooling clay or tooling wax, and insert it into the cartridge (shown at right).

**Reload Extruder:**
Reverse the removal process to install the cartridge into the Extruder.

**To Extrude Clay or Wax:**
Pull down on the handle. As you pull down, clay or wax material will be extruded from the extruder nozzle.

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**Manually Operated Clay Extruder**
Order Number #100005

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