# UR-300  Repair Parts List

## UR-120/300

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>Description</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>50053</td>
<td>PROFILER, HEX WRENCH</td>
<td>$2.10</td>
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<tr>
<td>1</td>
<td>50330</td>
<td>PROFILER, 3MM TIP HOLDER U-LAP 300/120</td>
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<tr>
<td>1-A</td>
<td>50331</td>
<td>PROFILER, SET SCREW (2 PK) U-LAP 300/120</td>
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<tr>
<td>2</td>
<td>50332</td>
<td>PROFILER, FRONT COVER U-LAP 300/120</td>
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<td>3</td>
<td>50333</td>
<td>PROFILER, WASHER U-LAP 300/120</td>
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<td>4</td>
<td>50323</td>
<td>PROFILER, BUSHING U-LAP 300/120</td>
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<tr>
<td>4-A</td>
<td>50324</td>
<td>PROFILER, O - RING U-LAP 300/120</td>
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<tr>
<td>4-B</td>
<td>50325</td>
<td>PROFILER, FIXED BALL U-LAP 300/120</td>
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<td>5</td>
<td>50326</td>
<td>PROFILER, SLIDING BUSH U-LAP 300/120</td>
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<td>7</td>
<td>50334</td>
<td>PROFILER, FRONT SPRING U-LAP 300/120</td>
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<td>10-B</td>
<td>50328</td>
<td>PROFILER, MAIN SHAFT SET U-LAP 300/120</td>
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<td>11</td>
<td>50345</td>
<td>PROFILER, BACK SPRING U-LAP 300/120</td>
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<td>12</td>
<td>50335</td>
<td>PROFILER, BODY U-LAP 300/120</td>
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<td>13</td>
<td>50329</td>
<td>PROFILER, CYLINDER PIPE U-LAP 300/120</td>
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<td>14</td>
<td>50336</td>
<td>PROFILER, AIR INLET BODY U-LAP 300/120</td>
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<tr>
<td>S-1</td>
<td>50337</td>
<td>PROFILER, SWITCH BODY U-LAP 300/120</td>
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<td>S-5</td>
<td>50338</td>
<td>PROFILER, C-RING U-LAP 300/120</td>
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<td>S-3</td>
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<td>S-4</td>
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<td>N-2</td>
<td>50341</td>
<td>PROFILER, ON-OFF SWITCH U-LAP 300/120</td>
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<td>H-C</td>
<td>50342</td>
<td>PROFILER, MUFFLER PIPE U-LAP 300/120</td>
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<tr>
<td>H-B</td>
<td>50343</td>
<td>PROFILER, QUICK JOINT U-LAP 300/120</td>
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<tr>
<td>H-A</td>
<td>50344</td>
<td>PROFILER, AIR HOSE SET U-LAP 300/120</td>
<td>$15.00</td>
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</tbody>
</table>

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BORIDE Engineered Abrasives | 2615 Aero Park Dr. | Traverse City, MI 49686 | 231.929.2121
<table>
<thead>
<tr>
<th>No.</th>
<th>TOOL NO.</th>
<th>TOOL NAME</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>J-011</td>
<td>2.5 mm Hex Key</td>
<td>5</td>
<td>J-015</td>
<td>Tapping-Modified Wrench</td>
</tr>
<tr>
<td>2</td>
<td>J-012</td>
<td>3.0 mm Rod</td>
<td>6</td>
<td>J-016</td>
<td>14 mm Collect</td>
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<tr>
<td>3</td>
<td>J-013</td>
<td>Desktop Collect Seat</td>
<td>7</td>
<td>J-017</td>
<td>Anaerobe</td>
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<tr>
<td>4</td>
<td>J-014</td>
<td>Gas Gun</td>
<td>8</td>
<td>J-002</td>
<td>Long Nose Plier</td>
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</tbody>
</table>

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BORIDE Engineered Abrasives  | 2615 Aero Park Dr. | Traverse City, MI 49686  | 231.929.2121
A. DIS-ASSEMBLY MAIN SHAFT

**A-1**
- USE J-11, Take off M3 screw.

**A-2**
- Take off holder.

**A-3**
- Use J-12, insert to the front cover, and loose it with opposite direction (CAUTION) around 2 rounds then continue it.

**A-4**
- (Caution) when loose it with opposite direction, at the same time (press it) the front nut to avoid it flip out.

**A-5**
- Take off the front nut.

**A-6**
- Take off the main shaft.

**A-7**
- Use your finger to press it.

**A-8**
- Keep the last move and beat it, to let the bead come out, and take off the bead.

**A-9**
- Take out the slide cover.
B. CHANGE MAIN SHAFT SPRING

**B-1**
- The look of main shaft.

**B-2**
- Let the front of main shaft 14mm, insert J-13, and screw it.

**B-3**
- Use J-14, point to the above of main shaft around 6 mm and heat it.

**B-4**
- The temp. must be 100~150°C, let the glue soft.

**B-5**
- Use J-15, lock to the front of main shaft, and tight it.

**B-6**
- Use the hand too to disassembly the front of main shaft.

**B-7**
- Use J-15, aim each other, and screw it.

**B-8**
- The part of front main shaft.

**B-9**
- Opposite Direction to loose out the main shaft.

**B-10**
- Take off the front of main shaft.
B-11 • Take off the front shaft and take off the front spring.

B-12 • to let the front spring out

B-13 • the drawing of the front and back spring

B-14 • please insert the spring to the main shaft in order.
   • Before assemble the main shaft, please put on the glue in front of the screw

B-15 • Use your hand to screw it approx.

B-16 • After Screw in the front main shaft

B-17 • Use J-15 • Screw it according to the position of tenon

B-18 • Screw it on

B-18 • Finish
UR-300  C. change On/off Switch. O-RING . Cylinder cover

- Use J-02 · Clip the ring
- Pull it out
- Opposite Direction to loose switch to the valve
- switch valve take off
- press out and change o-ring

- Use J-07 · Insert Switch Valve
- Opposite Direction to loose out the valve
- Take off the valve
- Use J-28 · put on the extruding platform
- Use J-04
- Point to the hole and press it down to let Cylinder cover separate to the cover
D. Assembly Cylinder cover and air inlet cover

**SKILL:**
- Please point the Cylinder Cover to the Air Inlet Cover
- USE J-04
  - USE J-46 • insert extruding platform clamping tool
- point to the center • and press it to the down

**TOOL:**
- Press it to the end
- Use J-07 to insert the switch and screw it
- Insert the switch valve
- insert C type ring • and point to tenon
- finished
**UR-300 E. Assembly Main Shaft**

E-1: • entering the filling piece

E-2: • Loads the slippery set

E-3: • Insert the back spring

E-4: • Install the filling piece, as well as the slippery set, inner tube, and inspect whether skids smoothly

E-5: • Screw on the nut

E-6: • Please press the spring inside while you screw it

E-7: • Insert 3 mm round point on the nut cover, and screw it

E-8: • Insert the holder

E-9: • Insert 3 mm 6 angle screw, and screw it on

E-10: • Finish
The spare parts we suggest to prepare:

1. No.4 Orientate bead
2. No.5 Lasting grinding pipe
3. No.7 Front spring
4. No.11 back spring