**ASSEMBLY NOTES:**
- **USE PARKER-O-LUBE** ON ALL O-RINGS AND ALL MATING SURFACES.
- **USE PERMABOND LM113** OR LOCTITE 222.
- **USE LOW TEMP LUBRIPASTE.**
- **STAKE AT ASSEMBLY.**
- **Dimple AT ASSEMBLY.**
- **DO NOT CUT TURBINE TEETH.**
- **USE PRIMER-T AND LOCTITE 680.**
- **USE PRIMER T AND PERMABOND HH120** OR LOCTITE 277.
- REF: OPEN, ABIERTO, OUVERT, AUF.
- REF: CLOSED, CERRADO, FERME, ZU
- **TIGHTEN SCREW.**
- **RAISED LUG IN LINE WITH STRAIGHT STREAM.**
- **AS SPECIFIED**

**OPERATING INSTRUCTIONS:**
- **FLOW RATE AT 100PSI (7 bar)**
- **OR 75PSI (5 BAR)**
- **OPEN AND CLOSE SLOWLY**
- **MAXIMUM OPERATING PRESSURE 200PSI (14 BAR)**

**NOTE:**
- **ANY COLORED SHIMS FOUND UNDER THE BAFFLE HEAD SHOULD ALWAYS REMAIN WITH THE NOZZLE.**
### TECHNICAL SERVICE PARTS

**STYLE 1762, 1763**

**PRODUCT: WIDE-RANGE TBJT**

---

**WARRANTY AND DISCLAIMER**: We warrant Akron Brass products for a period of five (5) years* after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service. We do not warrant use, maintenance or storage, negligence of the owner or user, repair, or modification after delivery; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty. *Unless otherwise provided herein. Akron Brass... components & the Severe-Duty Monitor have a one (1) year warranty. Select Akron Brass handline nozzles and valves carry a ten (10) year warranty. Scene Star Lights carry a (6) year warranty. Weldon products have a two (2) year warranty from date of manufacture (excluding consumable components). Select Weldon LED products carry a five (5) year warranty. Honda products have the manufacturers' warranty and Akron Brass disclaims any warranty in respect of those products.

---

**Parts List Sheet**

<table>
<thead>
<tr>
<th>Item</th>
<th>Type</th>
<th>QTY A</th>
<th>QTY B</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>O-RING 2-224</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>O-RING 2-128</td>
<td>757268</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>SEAT</td>
<td>769243</td>
<td>2</td>
</tr>
<tr>
<td>B</td>
<td>TRUNK</td>
<td>107860</td>
<td>2</td>
</tr>
<tr>
<td>B</td>
<td>O-RING 2-111</td>
<td>757269</td>
<td>2</td>
</tr>
<tr>
<td>B</td>
<td>BALL 2.5&quot;</td>
<td>744062</td>
<td>2</td>
</tr>
<tr>
<td>B</td>
<td>INSERT CAM</td>
<td>124270</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>SPIDER</td>
<td>769678</td>
<td>-</td>
</tr>
<tr>
<td>C</td>
<td>O-RING 2-138</td>
<td>757321</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>SCREW SOCKET HEAD FULL DOG SET 10-24 x 5/16&quot;</td>
<td>767088</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>BAND GALLONAGE CONTROL 30-200G 75 PSI</td>
<td>704821</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>BAND GALLONAGE CONTROL 30-200G 100 PSI</td>
<td>704889</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>O-RING 2-028</td>
<td>757341</td>
<td>1</td>
</tr>
<tr>
<td>D</td>
<td>AXLE CAM</td>
<td>702074</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>ROLLER CAM LONG</td>
<td>758227</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>ROLLER CAM SHORT</td>
<td>758226</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>STEM BAFLE</td>
<td>125901</td>
<td>-</td>
</tr>
<tr>
<td>C</td>
<td>STEM BAFLE</td>
<td>120740</td>
<td>-</td>
</tr>
<tr>
<td>C</td>
<td>STEM BAFLE</td>
<td>703722</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>TUBE DISCHARGE 75 PSI</td>
<td>125136</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>TUBE DISCHARGE 100 PSI</td>
<td>125137</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>TUBE DISCHARGE 75 PSI</td>
<td>120741</td>
<td>-</td>
</tr>
<tr>
<td>C</td>
<td>TUBE DISCHARGE 100 PSI</td>
<td>123389</td>
<td>-</td>
</tr>
<tr>
<td>C</td>
<td>O-RING 2-140</td>
<td>757265</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>O-RING 2-036</td>
<td>757309</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>O-RING 2-140</td>
<td>757309</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>RING RETAINING (FOR METAL TEETH)</td>
<td>758250</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>RING RETAINING</td>
<td>758241</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>SCREW SOCKET HEAD CAP #4-40 x 5/8&quot;</td>
<td>767094</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>SCREW SOCKET BUTTON HEAD 1/4-20 x 1&quot;</td>
<td>765182</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>TEETH TURBINE</td>
<td>772153</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>TEETH TURBINE METAL</td>
<td>118812</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>HEAD BAFLE 75P@5b/500kPa</td>
<td>125138</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>HEAD BAFLE 100P@7b/700kPa</td>
<td>125135</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>HEAD BAFLE 75P@5b/500kPa</td>
<td>121139</td>
<td>-</td>
</tr>
<tr>
<td>C</td>
<td>HEAD BAFLE 100P@7b/700kPa</td>
<td>121386</td>
<td>-</td>
</tr>
<tr>
<td>C</td>
<td>SCREW SOCKET HEAD CAP #4-40 x 5/8&quot;</td>
<td>767094</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>SHIM BLUE</td>
<td>125856</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>BODY NOZZLE</td>
<td>120739</td>
<td>-</td>
</tr>
<tr>
<td>C</td>
<td>BALL STAINLESS STEEL 3/16&quot;</td>
<td>704018</td>
<td>1</td>
</tr>
</tbody>
</table>

---

*Unless otherwise provided herein. Akron Brass... components & the Severe-Duty Monitor have a one (1) year warranty. Select Akron Brass handline nozzles and valves carry a ten (10) year warranty. Scene Star Lights carry a (6) year warranty. Weldon products have a two (2) year warranty from date of manufacture (excluding consumable components). Select Weldon LED products carry a five (5) year warranty. Honda products have the manufacturers' warranty and Akron Brass disclaims any warranty in respect of those products.

---

**Date**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>QTY A</th>
<th>QTY B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>B O-RING 2-224</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>B RING PISTON 1-1/2&quot;</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>B ADAPTER SWIVEL</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>A O-RING 2-128</td>
<td>757268</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>A SEAT</td>
<td>769243</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>A TRUNK</td>
<td>107860</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>A O-RING 2-111</td>
<td>757269</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>A PIN ROLL 1/8&quot; x 1-1/4&quot;</td>
<td>744062</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>A BALL 2.5&quot;</td>
<td>704029</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>A INSERT CAM</td>
<td>124270</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>A SPIDER</td>
<td>769678</td>
<td>-</td>
</tr>
<tr>
<td>12</td>
<td>A O-RING 2-138</td>
<td>757321</td>
<td>1</td>
</tr>
<tr>
<td>13</td>
<td>A SCREW SOCKET HEAD FULL DOG SET 10-24 x 5/16&quot;</td>
<td>767088</td>
<td>1</td>
</tr>
<tr>
<td>14</td>
<td>A BAND GALLONAGE CONTROL 30-200G 75 PSI</td>
<td>704821</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>A BAND GALLONAGE CONTROL 30-200G 100 PSI</td>
<td>704889</td>
<td>1</td>
</tr>
<tr>
<td>16</td>
<td>A O-RING 2-028</td>
<td>757341</td>
<td>1</td>
</tr>
<tr>
<td>17</td>
<td>A AXLE CAM</td>
<td>702074</td>
<td>1</td>
</tr>
<tr>
<td>18</td>
<td>A ROLLER CAM LONG</td>
<td>758227</td>
<td>1</td>
</tr>
<tr>
<td>19</td>
<td>A ROLLER CAM SHORT</td>
<td>758226</td>
<td>1</td>
</tr>
<tr>
<td>20</td>
<td>A STEM BAFLE</td>
<td>125901</td>
<td>-</td>
</tr>
<tr>
<td>21</td>
<td>A STEM BAFLE</td>
<td>120740</td>
<td>-</td>
</tr>
<tr>
<td>22</td>
<td>A STEM BAFLE</td>
<td>703722</td>
<td>1</td>
</tr>
<tr>
<td>23</td>
<td>A TUBE DISCHARGE 75 PSI</td>
<td>125136</td>
<td>1</td>
</tr>
<tr>
<td>24</td>
<td>A TUBE DISCHARGE 100 PSI</td>
<td>125137</td>
<td>1</td>
</tr>
<tr>
<td>25</td>
<td>A TUBE DISCHARGE 75 PSI</td>
<td>120741</td>
<td>-</td>
</tr>
<tr>
<td>26</td>
<td>A TUBE DISCHARGE 100 PSI</td>
<td>123389</td>
<td>-</td>
</tr>
<tr>
<td>27</td>
<td>A O-RING 2-140</td>
<td>757265</td>
<td>1</td>
</tr>
<tr>
<td>28</td>
<td>A O-RING 2-036</td>
<td>757309</td>
<td>1</td>
</tr>
<tr>
<td>29</td>
<td>A RING RETAINING (FOR METAL TEETH)</td>
<td>758250</td>
<td>1</td>
</tr>
<tr>
<td>30</td>
<td>A RING RETAINING</td>
<td>758241</td>
<td>1</td>
</tr>
<tr>
<td>31</td>
<td>A SCREW SOCKET HEAD CAP #4-40 x 5/8&quot;</td>
<td>767094</td>
<td>2</td>
</tr>
<tr>
<td>32</td>
<td>A SCREW SOCKET BUTTON HEAD 1/4-20 x 1&quot;</td>
<td>765182</td>
<td>1</td>
</tr>
<tr>
<td>33</td>
<td>A TEETH TURBINE</td>
<td>772153</td>
<td>1</td>
</tr>
<tr>
<td>34</td>
<td>A TEETH TURBINE METAL</td>
<td>118812</td>
<td>1</td>
</tr>
<tr>
<td>35</td>
<td>A HEAD BAFLE 75P@5b/500kPa</td>
<td>125138</td>
<td>1</td>
</tr>
<tr>
<td>36</td>
<td>A HEAD BAFLE 100P@7b/700kPa</td>
<td>125135</td>
<td>1</td>
</tr>
<tr>
<td>37</td>
<td>A HEAD BAFLE 75P@5b/500kPa</td>
<td>121139</td>
<td>-</td>
</tr>
<tr>
<td>38</td>
<td>A HEAD BAFLE 100P@7b/700kPa</td>
<td>121386</td>
<td>-</td>
</tr>
<tr>
<td>39</td>
<td>A SCREW SOCKET HEAD CAP #4-40 x 5/8&quot;</td>
<td>767094</td>
<td>2</td>
</tr>
<tr>
<td>40</td>
<td>A SHIM BLUE</td>
<td>125856</td>
<td>1</td>
</tr>
<tr>
<td>41</td>
<td>A BODY NOZZLE</td>
<td>120739</td>
<td>-</td>
</tr>
<tr>
<td>42</td>
<td>A BALL STAINLESS STEEL 3/16&quot;</td>
<td>704018</td>
<td>1</td>
</tr>
</tbody>
</table>
### Technical Service Parts

#### Style 1762, 1763

**Product Wide-Range TBJT**

### Find | Description | Item | QTY A | QTY B
--- | --- | --- | --- | ---
35 | Key Discharge | 727045 | 1 | 1
36 | Spring Detent | 769111 | 1 | 1
37 | Ring Gallonage Control | 758225 | 1 | 1
38 | Band Pattern Indicator 1763 | 703691 | 1 | 1
38 | Band Pattern Indicator 1762 | 703690 | 1 | 1
39 | Spacer | 769872 | 1 | 1
40 | Body Shutoff 1763 | 120756 | 1 | 1
40 | Body Shutoff 1762 | 120755 | 1 | 1
41 | Screw Socketoff Head #10-24 x 3/8" | 765143 | - | 1
41 | Screw Socketoff Button #1/4-20 x 1/2" | 765149 | - | 1
42 | SWIVEL 1.50" NPSH | - | 1 | 1
43 | Screw Allen Head Cup Point Set 1/4-20 x 3/16" | 765008 | 2 | 2
44 | *** HANDLE SHUTOFF BLACK | 721427 | 1 | 1
46 | Gasket | 717042 | 1 | 1
47 | SLEEVE PATTERN | 120742 | 1 | 1
48 | WASHER BAFFLE STEM | 784072 | 1 | -
50 | WASHER BAFFLE STEM | 784110 | - | 1
52 | ** SHIM 52,53,54 | - | 1 | 1
56 | O-RING 2-032 | 757447 | 1 | 1
61 | O-RING 2-129 | 757308 | 1 | -
74 | O-RING 2-132 | 757422 | 2 | 2
75 | *** GRIP PISTOL BLACK | 718233 | 1 | 1
76 | Screw Sockethead Cap 5/16-18 x 2-1/4" | 763064 | 1 | 1
77 | WASHER LOCK HEAVY DUTY 5/16 ST STL USA | 784090 | 1 | 1
80 | WASHER FLAT 5/16" | 784093 | 1 | 1
81 | Spacer (75 PSI ONLY) | 769388 | 1 | -
99 | LABEL FM | 716969 | 1 | 1
100 | Bearing (For Metal Teeth Version) | 704703 | 1 | 1
150 | Label Open/Close | 729863 | 1 | 1

**A** FIELD SERVICE KIT | 91790001

**B** SWIVEL SUBASSEMBLY 1-1/2"NH | 45290002

**B** SWIVEL SUBASSEMBLY 1-1/2"NPSH | 45290003

**C** SPIDER/STEM S/A | 121251

---

**WARRANTY AND DISCLAIMER**: We warrant Akron Brass products for a period of five (5) years after purchase against defects in material or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service. We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty. **“Unless otherwise provided herein, Akron Brass industrial electronic components & the Severe-Duty Monitor have a one (1) year warranty. Select Akron Brass handline nozzles and valves carry a ten (10) year warranty. Scene Star Lights carry a (6) year warranty. Weldon products have a two (2) year warranty from date of manufacture (excluding consumable components). Select Weldon LED products carry a five (5) year warranty. Honda products have the manufacturers’ warranty and Akron Brass disclaims any warranty in respect of those products.**

© 2016 Akron Brass Company. All rights reserved. No portion of this can be reproduced without the express written consent of the Akron Brass Company.

---

WHEN VIEWING INTO NOZZLE THROUGH THE SWIVEL NOTE THE NUMBER OF RIBS ABOUT THE CENTER. IF THERE ARE 2 USE COLUMN "QTY A", IF THERE ARE 3 USE COLUMN "QTY B".

---

### Grip Pistol

<table>
<thead>
<tr>
<th>Find</th>
<th>Color</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td>BLACK</td>
<td>718233</td>
</tr>
<tr>
<td></td>
<td>YELLOW</td>
<td>718234</td>
</tr>
<tr>
<td></td>
<td>GREEN</td>
<td>718235</td>
</tr>
<tr>
<td></td>
<td>ORANGE</td>
<td>718236</td>
</tr>
<tr>
<td></td>
<td>BLUE</td>
<td>718237</td>
</tr>
<tr>
<td></td>
<td>ORANGE</td>
<td>718238</td>
</tr>
<tr>
<td></td>
<td>GREEN</td>
<td>718239</td>
</tr>
<tr>
<td></td>
<td>GREY</td>
<td>718240</td>
</tr>
<tr>
<td></td>
<td>PURPLE</td>
<td>718241</td>
</tr>
</tbody>
</table>

### Handle 2-1/2" ZYTEL

<table>
<thead>
<tr>
<th>Find</th>
<th>Color</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>BLACK</td>
<td>721427</td>
</tr>
<tr>
<td></td>
<td>YELLOW</td>
<td>721428</td>
</tr>
<tr>
<td></td>
<td>GREEN</td>
<td>721429</td>
</tr>
<tr>
<td></td>
<td>ORANGE</td>
<td>721430</td>
</tr>
<tr>
<td></td>
<td>BLUE</td>
<td>721431</td>
</tr>
<tr>
<td></td>
<td>RED</td>
<td>721432</td>
</tr>
<tr>
<td></td>
<td>GREY</td>
<td>721433</td>
</tr>
<tr>
<td></td>
<td>WHITE</td>
<td>721434</td>
</tr>
<tr>
<td></td>
<td>PURPLE</td>
<td>721500</td>
</tr>
<tr>
<td></td>
<td>LIME</td>
<td>721602</td>
</tr>
</tbody>
</table>

---

**WARRANTY**: We warrant Akron Brass products for a period of five (5) years after purchase against defects in material or workmanship. We will not be responsible for wear and tear or for any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty. **“Unless otherwise provided herein, Akron Brass industrial electronic components & the Severe-Duty Monitor have a one (1) year warranty. Select Akron Brass handline nozzles and valves carry a ten (10) year warranty. Scene Star Lights carry a (6) year warranty. Weldon products have a two (2) year warranty from date of manufacture (excluding consumable components). Select Weldon LED products carry a five (5) year warranty. Honda products have the manufacturers’ warranty and Akron Brass disclaims any warranty in respect of those products.**

© 2016 Akron Brass Company. All rights reserved. No portion of this can be reproduced without the express written consent of the Akron Brass Company.