Pump drawn below is typical of a righthand rotation with porting out the left side of pump.

Shaft assembly for rear pump of tandem.
Parts Drawing

Assembly for Front pump of Tandem

Assembly for single pump or rear pump of tandem.

Valve Plate Identification

Note "V" notch locations
<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Qty.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>16024-6</td>
<td>1</td>
<td>Jam Nut</td>
</tr>
<tr>
<td>3</td>
<td>16077-32</td>
<td>1</td>
<td>Retaining Ring</td>
</tr>
<tr>
<td>4</td>
<td>16078-18</td>
<td>2</td>
<td>Retaining Ring</td>
</tr>
<tr>
<td>6</td>
<td>16254-6</td>
<td>1</td>
<td>Seal Washer</td>
</tr>
<tr>
<td>7</td>
<td>16147-310</td>
<td>8</td>
<td>Cap Screw, #10-24, 25.4 mm [1.0 in.] Long</td>
</tr>
<tr>
<td>8</td>
<td>70300-603</td>
<td>1</td>
<td>Rotating Kit Assembly, 2.48 in/rev (parts list on page 6)</td>
</tr>
<tr>
<td>9</td>
<td>72400-576</td>
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<td>Servo Piston Assembly (parts list on page 6)</td>
</tr>
<tr>
<td>10</td>
<td>72400-585</td>
<td>1</td>
<td>Servo Piston Follower</td>
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<td>11</td>
<td>72400-620</td>
<td>1</td>
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</tr>
<tr>
<td>12</td>
<td>72400-621</td>
<td>2</td>
<td>Cover Plate Gasket</td>
</tr>
<tr>
<td>14</td>
<td>72400-626</td>
<td>1</td>
<td>Housing Gasket</td>
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<tr>
<td>16</td>
<td>72400-631</td>
<td>1</td>
<td>Control Housing Gasket</td>
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<td>17</td>
<td>72400-651</td>
<td>1</td>
<td>Cover Plate</td>
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<td>18</td>
<td>72400-677</td>
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<td>Camplate</td>
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<td>19</td>
<td>74308-100</td>
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<td>Thrust Race</td>
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<td>74308-101</td>
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<td>Thrust Bearing</td>
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<td>16133-12</td>
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<td>O-ring, 2.95 mm Dia. x 23.47 mm I.D. [.116 in. Dia. x .924 in. I.D.]</td>
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<tr>
<td>23</td>
<td>16136-622</td>
<td>4</td>
<td>Cap Screw, 3/8-16, 57.2 mm [2.25 in.] Long</td>
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<tr>
<td>24</td>
<td>16136-634</td>
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<td>Cap Screw, 3/8-16, 88.9 mm [3.5 in.] Long</td>
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<tr>
<td>25</td>
<td>16136-640</td>
<td>2</td>
<td>Cap Screw, 3/8-16, 101.6 mm [4.0 in.] Long</td>
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<tr>
<td>26</td>
<td>16147-314</td>
<td>6</td>
<td>Cap Screw</td>
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<td>27</td>
<td>70344-51</td>
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<td>Valve Plate, 2.48 in/rev</td>
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<td>28-1</td>
<td>16238-11816</td>
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<td>Bearing (press fit)</td>
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<td>28-2</td>
<td>025083-002</td>
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<td>Plug Sub-Assembly</td>
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<td>28-3</td>
<td>008785-002</td>
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<td>O-ring, 1.63 mm Dia. x 6.1 mm I.D. [.064 in. Dia. x .239 in. I.D.]</td>
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<td>28-4</td>
<td>72400-669</td>
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<td>Cradle Sub-Assembly</td>
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<td>28-4-1</td>
<td>72400-670</td>
<td>2</td>
<td>Dowel Bushing</td>
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<td>28-4-2</td>
<td>72400-684</td>
<td>1</td>
<td>Bushing</td>
</tr>
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<td>28-4-3</td>
<td>16289-106</td>
<td>1</td>
<td>Cap Screw, Button Head</td>
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<td>28-5</td>
<td>16312-514</td>
<td>2</td>
<td>Cap Screw</td>
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<td>28-6</td>
<td>72400-583</td>
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<td>Seal Sub-Assembly</td>
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<td>Bearing (press fit)</td>
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<td>29-2</td>
<td>16026-610</td>
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<td>Roll Pin</td>
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<td>30</td>
<td>16246-516</td>
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<td>Key</td>
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<td>31</td>
<td>72400-200</td>
<td>1</td>
<td>Drive Shaft (Identification on page 15)</td>
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<tr>
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<td>16244-201</td>
<td>1</td>
<td>Drive Shaft (Identification on page 15)</td>
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<td>16244-202</td>
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<td></td>
<td>16244-204</td>
<td>1</td>
<td>Drive Shaft (Identification on page 15)</td>
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<tr>
<td></td>
<td>16240-211</td>
<td>1</td>
<td>Drive Shaft (Identification on page 15)</td>
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<td></td>
<td>16240-212</td>
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<td>16240-213</td>
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<td>Drive Shaft (Identification on page 15)</td>
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<tr>
<td>32</td>
<td>16077-14</td>
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<td>O-ring, 1.59 mm Dia. x 82.55 mm I.D. [.062 in. Dia. x .325 in. I.D.]</td>
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<tr>
<td>33</td>
<td>72400-646</td>
<td>1</td>
<td>Molded O-ring</td>
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<td>34</td>
<td>16021-4</td>
<td>1</td>
<td>Nut</td>
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<td>35</td>
<td>16032-610</td>
<td>2</td>
<td>Cap Screw, 3/8-16, 25.4 mm [1.0 in.] Long</td>
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<tr>
<td>36</td>
<td>16045-104</td>
<td>1</td>
<td>Lockwasher</td>
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<td>37</td>
<td>16048-319</td>
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<td>Washer</td>
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<td>38</td>
<td>16103-308</td>
<td>1</td>
<td>Plug</td>
</tr>
<tr>
<td>38-1</td>
<td>16133-8</td>
<td>1</td>
<td>O-ring, 2.21 mm Dia. x 16.36 mm I.D. [.087 in. Dia. x .644 in. I.D.]</td>
</tr>
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</table>
## Parts List

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Qty.</th>
<th>Description</th>
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<tbody>
<tr>
<td>39</td>
<td>16103-308</td>
<td>1</td>
<td>Plug</td>
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<tr>
<td>+ 39-1</td>
<td>16133-8</td>
<td>1</td>
<td>O-ring, 2.21 mm Dia. x 16.36 mm I.D. [.087 in. Dia. x .644 in. I.D.]</td>
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<tr>
<td>40</td>
<td>16103-312</td>
<td>1</td>
<td>Plug</td>
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<tr>
<td>+ 40-1</td>
<td>16133-12</td>
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<td>O-ring, 2.95 mm Dia. x 23.47 mm I.D. [.116 in. Dia. x .924 in. I.D.]</td>
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<tr>
<td>41</td>
<td>16103-312</td>
<td>1</td>
<td>Plug</td>
</tr>
<tr>
<td>+ 41-1</td>
<td>16133-12</td>
<td>1</td>
<td>O-ring, 2.95 mm Dia. x 23.47 mm I.D. [.116 in. Dia. x .924 in. I.D.]</td>
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<tr>
<td>42</td>
<td>16246-429</td>
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<td>Key</td>
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<td></td>
<td>16246-431</td>
<td>1</td>
<td>Used with 9 tooth internal spline through shafts</td>
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<tr>
<td></td>
<td>16244-444</td>
<td>1</td>
<td>Used on 11 tooth drive coupler with 12.7 mm [.5 in.] width gerotor</td>
</tr>
<tr>
<td>+ 43</td>
<td>16253-18</td>
<td>1</td>
<td>Shaft Seal</td>
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<tr>
<td>44</td>
<td>70142-600</td>
<td>1</td>
<td>Cover Plate</td>
</tr>
<tr>
<td>45</td>
<td>70400-620</td>
<td>1</td>
<td>Spacer</td>
</tr>
<tr>
<td>46</td>
<td>♦</td>
<td></td>
<td>Charge Pump Adapter Assembly (parts list &amp; ID. on Page 10 &amp;11)</td>
</tr>
<tr>
<td>47</td>
<td>72400-506</td>
<td>1</td>
<td>Control Arm</td>
</tr>
<tr>
<td>48</td>
<td>♦</td>
<td></td>
<td>Servo Control Assembly (parts list &amp; ID. on Page 12 &amp;13)</td>
</tr>
<tr>
<td>49</td>
<td>♦</td>
<td></td>
<td>Inner Ring Gerotor (match displacement with Item 46 &amp; 50)</td>
</tr>
<tr>
<td></td>
<td>79004-611</td>
<td>1</td>
<td>6.9 mL/r [.42 cu. in./r] displacement, 6.35 mm [.25 in.] width</td>
</tr>
<tr>
<td></td>
<td>79004-605</td>
<td>1</td>
<td>13.8 mL/r [.84 cu. in./r] displacement, 12.7 mm [.5 in.] width</td>
</tr>
<tr>
<td></td>
<td>72400-640</td>
<td>1</td>
<td>13.8 mL/r [.84 cu. in./r] displacement (used with Item 55 coupler)</td>
</tr>
<tr>
<td>50</td>
<td>♦</td>
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<td>Outer Ring Gerotor (match displacement with Item 46 &amp; 49)</td>
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<tr>
<td></td>
<td>79004-612</td>
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<td>6.9 mL/r [.42 cu. in./r] displacement, 6.35 mm [.25 in.] width</td>
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<tr>
<td></td>
<td>79004-606</td>
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<td>13.8 mL/r [.84 cu. in./r] displacement, 12.7 mm [.5 in.] width</td>
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<tr>
<td>51</td>
<td>♦</td>
<td></td>
<td>Supply Orifice (orifice chart on page 14)</td>
</tr>
<tr>
<td>52</td>
<td>♦</td>
<td></td>
<td>Control Valve Orifice (orifice chart on page 14)</td>
</tr>
<tr>
<td>53</td>
<td>♦</td>
<td></td>
<td>Control Valve Orifice (orifice chart on page 14)</td>
</tr>
<tr>
<td>55</td>
<td>72400-639</td>
<td>1</td>
<td>Coupler, 11 tooth</td>
</tr>
<tr>
<td>56</td>
<td>72400-638</td>
<td>2</td>
<td>Retaining Ring, (used with Item 55)</td>
</tr>
<tr>
<td>57</td>
<td>72400-515</td>
<td>1</td>
<td>Dump Valve Actuator</td>
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<tr>
<td></td>
<td>72400-518</td>
<td>1</td>
<td>Plug (selected when dump valve is not required)</td>
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<tr>
<td>+ 58</td>
<td>16077-16</td>
<td>1</td>
<td>Retaining Ring</td>
</tr>
<tr>
<td>+ 59</td>
<td>16256-4</td>
<td>1</td>
<td>Quad-ring, 1.59 mm Dia. x 15.9 mm I.D. [.0625 in. Dia. x .625 in. I.D.]</td>
</tr>
<tr>
<td>60</td>
<td>16254-26</td>
<td>1</td>
<td>Washer</td>
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<td>61</td>
<td>16048-672</td>
<td>8</td>
<td>Washer</td>
</tr>
<tr>
<td>62</td>
<td>106013-038</td>
<td>4</td>
<td>Washer</td>
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### Kits

<table>
<thead>
<tr>
<th>Kits</th>
<th>Description</th>
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<tbody>
<tr>
<td>K1</td>
<td>Tandem Servo Piston Pump Mounting Kit</td>
</tr>
<tr>
<td>K1-1</td>
<td>Coupler, 41 tooth</td>
</tr>
<tr>
<td>K1-2</td>
<td>O-ring, 1.59 mm Dia. x 101.6 mm I.D. [.0625 in. Dia. x 4 in. I.D.]</td>
</tr>
<tr>
<td>K1-3</td>
<td>Cap Screw, 3/8-16, 25.4 mm [1.0 in.] Long</td>
</tr>
<tr>
<td>K1-4</td>
<td>Washer</td>
</tr>
<tr>
<td>K2</td>
<td>Gear Pump Mounting Kit</td>
</tr>
<tr>
<td></td>
<td>Includes Items 32 and 35</td>
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<tr>
<td>K2-1</td>
<td>Washer</td>
</tr>
<tr>
<td>K3</td>
<td>Cover Plate Kit for &quot;A&quot; SAE Flange Series 82-2 Mount</td>
</tr>
<tr>
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<td>Includes Items 32, 35, and 44</td>
</tr>
<tr>
<td>72400-908</td>
<td>Seal Repair Kit for single pumps (Two Required for Tandem Units)</td>
</tr>
<tr>
<td>72400-900</td>
<td>Dump valve kit, Includes Items 57 (Actuator), 58, &amp; 59</td>
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<tr>
<td>72400-901</td>
<td>Dump valve plug kit, Includes Items 57 (Plug), 58, &amp; 59</td>
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</table>

### Legend

♦ Refer to specific Item parts list.
+ Parts included in 72400-908 Seal Repair kit.
Item 8 - Rotating Kit Assembly

Item 9 - Servo Piston Assembly

Note: Do not disassemble servo piston assembly.
### Item 21 or 22 - Relief Valve

#### Internal Relief Valve Settings Available

<table>
<thead>
<tr>
<th>Part Number</th>
<th>bar [PSI]</th>
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<tbody>
<tr>
<td>106639-200</td>
<td>138 [2000]</td>
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<tr>
<td>106639-250</td>
<td>172 [2500]</td>
</tr>
<tr>
<td>106639-300</td>
<td>207 [3000]</td>
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<td>106639-350</td>
<td>241 [3500]</td>
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<tr>
<td>106639-400</td>
<td>276 [4000]</td>
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<tr>
<td>106639-450</td>
<td>310 [4500]</td>
</tr>
<tr>
<td>106639-500</td>
<td>345 [5000]</td>
</tr>
</tbody>
</table>

Dash Number Stamped here for Valve Pressure Setting Identification
Example: 500 x 10 = [5000 PSI] 345 bar

---

### Item 28 - Housing Identification

#### Housing Identification

- **"A" Auxiliary Port**
- **"C" Drain Port**
- **"B"**
- **"D" Drain Port**
- **"E" Drain Port**

<table>
<thead>
<tr>
<th>Housing Assy. Item</th>
<th>Housing Item</th>
<th>Part No.</th>
<th>Qty.</th>
<th>Port Machined</th>
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<tr>
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<td>A, B, C, D</td>
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<td>72339-012</td>
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<td>A, B, C, D, E</td>
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<td>28-1</td>
<td>72339-013</td>
<td>1</td>
<td>A, B, E</td>
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Item 29 -
Backplate Assembly
Identification

Support Hole
Port "C"

Accepts Charge Adapter

Port "D"

29-2

29-1

Support Hole
Port "C"

2 Bolt "B" or "A"
Rear Mounting

Port "D"

29-2

29-1
# Item 29 - Parts List

## Parts List

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Qty.</th>
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<td>Chart Below</td>
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<tr>
<td>29-1</td>
<td>52200-23</td>
<td>1</td>
<td>Bearing (press fit)</td>
</tr>
<tr>
<td>29-2</td>
<td>16026-610</td>
<td>1</td>
<td>Roll Pin</td>
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## Item 29 - Backplate Assembly Part Number Identification

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<th>Rear Mounting</th>
<th>Support Hole</th>
<th>Item 29 Backplate Assembly Part Number</th>
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<tbody>
<tr>
<td>Rear &quot;B&quot; Mount (no gerotor charge adapter)</td>
<td>with Hole</td>
<td>72346-005</td>
</tr>
<tr>
<td>Accepts Gerotor Charge Pump Adapter with &quot;A&quot; Mount</td>
<td>None</td>
<td>72344-005</td>
</tr>
<tr>
<td>Rear &quot;A&quot; Mount (no gerotor charge adapter)</td>
<td>with Hole</td>
<td>72344-005</td>
</tr>
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<td></td>
<td>None</td>
<td>72344-005</td>
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Item 46 -
Charge Pump Adapter Assembly

<table>
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<th>Part No.</th>
<th>Qty.</th>
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<tbody>
<tr>
<td>46</td>
<td>See Chart</td>
<td>1</td>
<td>Assembly, Charge Pump Adapter</td>
</tr>
<tr>
<td>46-1</td>
<td>NSS</td>
<td>1</td>
<td>Charge Pump Adapter</td>
</tr>
<tr>
<td>46-2</td>
<td>16239-1148</td>
<td>1</td>
<td>Bearing (press fit), Used w/9 tooth output shaft</td>
</tr>
<tr>
<td>46-2</td>
<td>72400-637</td>
<td>1</td>
<td>Bushing (press fit), Used w/11 tooth output shaft</td>
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<tr>
<td>46-3</td>
<td>72400-659</td>
<td>1</td>
<td>Plug</td>
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<td>46-3-1</td>
<td>16133-10</td>
<td>1</td>
<td>O-ring</td>
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<td>46-4</td>
<td>16048-597</td>
<td>f</td>
<td>Shims</td>
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<td>46-5</td>
<td>17059-16</td>
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<td>Spring</td>
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<td>46-6</td>
<td>72400-679</td>
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<td>Poppet</td>
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- Shim as required
- NSS - Not sold separately

Gerotor Pocket Depth

<table>
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<tr>
<th>Displacement cm³/r [in³/r]</th>
<th>Depth of Pocket mm [in.]</th>
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</thead>
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<td>6.9 [.42]</td>
<td>6.35 [.25]</td>
</tr>
<tr>
<td>13.8 [.84]</td>
<td>12.7 [.50]</td>
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</tbody>
</table>

Righthand Rotation Adapter Shown
## Item 46 - Charge Pump Adapter Identification

### Adapter, Item 46, Identification Chart

<table>
<thead>
<tr>
<th>Charge Pump Routing</th>
<th>Shaft Rotation</th>
<th>Refer to Detail</th>
<th>9 Tooth Output Shaft</th>
<th>11 Tooth Output Shaft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charge Relieved to Case</td>
<td>Righthand</td>
<td>B &amp; D</td>
<td>6.9 cm³/r (.42 in³/r) Displacement</td>
<td>6.9 cm³/r (.42 in³/r) Displacement</td>
</tr>
<tr>
<td></td>
<td>Lefthand</td>
<td>B &amp; D</td>
<td>72356-010 72356-011</td>
<td>72348-010 72348-011</td>
</tr>
<tr>
<td>Remote Filter and Charge</td>
<td>Righthand</td>
<td>B &amp; C</td>
<td>72356-007 72356-008</td>
<td>72348-007 72348-008</td>
</tr>
<tr>
<td>Relieved to Case</td>
<td>Lefthand</td>
<td>B &amp; C</td>
<td>72358-007 72358-008</td>
<td>72360-007 72360-008</td>
</tr>
</tbody>
</table>
Item 48 - Manual Servo Control Assembly

Wide Band Neutral Spool Identification Mark

Destroke Valve Option

Neutral Lockout Switch Option

Neutral Detent Option
<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48</td>
<td>72401-AA</td>
<td>1</td>
<td>Assembly with no additional features</td>
</tr>
<tr>
<td>48</td>
<td>72401-AB</td>
<td>1</td>
<td>Assembly with Neutral Lockout, Destroke valve &amp; Wide Band Neutral</td>
</tr>
<tr>
<td>48</td>
<td>72401-AC</td>
<td>1</td>
<td>Assembly with Neutral Lockout &amp; Wide Band Neutral</td>
</tr>
<tr>
<td>48</td>
<td>72401-AD</td>
<td>1</td>
<td>Assembly with Destroke Valve</td>
</tr>
<tr>
<td>48</td>
<td>72401-AE</td>
<td>1</td>
<td>Assembly with Neutral Detent &amp; Wide Band Neutral</td>
</tr>
<tr>
<td>48</td>
<td>72401-AF</td>
<td>1</td>
<td>Assembly with Neutral Detent, Destroke valve &amp; Wide Band Neutral</td>
</tr>
<tr>
<td>48</td>
<td>72401-AH</td>
<td>1</td>
<td>Assembly with W/B Neutral Spool</td>
</tr>
<tr>
<td>48</td>
<td>1</td>
<td></td>
<td>Assembly with W/B Neutral Spool &amp; Destroke Valve</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-1</td>
<td>72319-001</td>
<td>1</td>
<td>Control Housing</td>
</tr>
<tr>
<td>48-3</td>
<td>16015-8</td>
<td>1</td>
<td>Control Housing</td>
</tr>
<tr>
<td>48-4</td>
<td>16124-31</td>
<td>1</td>
<td>Control Housing</td>
</tr>
<tr>
<td>48-5</td>
<td>72400-504</td>
<td>2</td>
<td>Control Housing</td>
</tr>
<tr>
<td>48-6</td>
<td>17073-14</td>
<td>1</td>
<td>Control Housing</td>
</tr>
<tr>
<td>48-7</td>
<td>72400-501</td>
<td>1</td>
<td>Control Housing</td>
</tr>
<tr>
<td>48-8</td>
<td>102149-019</td>
<td>1</td>
<td>Control Housing</td>
</tr>
<tr>
<td>48-9</td>
<td>72400-502</td>
<td>1</td>
<td>Control Housing</td>
</tr>
<tr>
<td>48-10</td>
<td>72400-508</td>
<td>1</td>
<td>Control Housing</td>
</tr>
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<td>48-11</td>
<td>16124-15</td>
<td>1</td>
<td>Control Housing</td>
</tr>
<tr>
<td>48-12</td>
<td>72400-519</td>
<td>1</td>
<td>Control Housing</td>
</tr>
<tr>
<td>48-13</td>
<td>16139-304</td>
<td>1</td>
<td>Control Housing</td>
</tr>
<tr>
<td>48-14</td>
<td>72400-505</td>
<td>1</td>
<td>Control Housing</td>
</tr>
<tr>
<td>48-15</td>
<td>16003-5</td>
<td>1</td>
<td>Valve Spool</td>
</tr>
<tr>
<td>48-16</td>
<td>16074-106</td>
<td>1</td>
<td>Valve Spool</td>
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<tr>
<td>48-17</td>
<td>72400-520</td>
<td>1</td>
<td>Valve Spool</td>
</tr>
<tr>
<td>48-18</td>
<td>16003-6</td>
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<td>Valve Spool</td>
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<tr>
<td>48-19</td>
<td>72420-AA</td>
<td>1</td>
<td>Valve Spool</td>
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<tr>
<td>48-19-1</td>
<td>72400-522</td>
<td>1</td>
<td>Valve Spool</td>
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<td>48-19-2</td>
<td>72400-523</td>
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<td>Valve Spool</td>
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<tr>
<td>48-19-2A</td>
<td>16133-10</td>
<td>1</td>
<td>Valve Spool</td>
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<tr>
<td>48-19-2B</td>
<td>16101-102</td>
<td>2</td>
<td>Valve Spool</td>
</tr>
<tr>
<td>48-19-2C</td>
<td>16015-2</td>
<td>1</td>
<td>Valve Spool</td>
</tr>
<tr>
<td>48-20</td>
<td>16045-103</td>
<td>2</td>
<td>Valve Spool</td>
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<tr>
<td>48-21</td>
<td>16147-316</td>
<td>2</td>
<td>Valve Spool</td>
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<tr>
<td>48-22</td>
<td>16133-8</td>
<td>1</td>
<td>Valve Spool</td>
</tr>
<tr>
<td>48-23</td>
<td>72400-545</td>
<td>1</td>
<td>Valve Spool</td>
</tr>
<tr>
<td>48-24</td>
<td>16006-6</td>
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<td>Valve Spool</td>
</tr>
<tr>
<td>48-25</td>
<td>16003-500</td>
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<td>Valve Spool</td>
</tr>
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<td>48-26</td>
<td>72400-546</td>
<td>1</td>
<td>Valve Spool</td>
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<td>48-27</td>
<td>102149-019</td>
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<td>48-28</td>
<td>102147</td>
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<td>Valve Spool</td>
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<td>48-29</td>
<td>98193</td>
<td>1</td>
<td>Valve Spool</td>
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<tr>
<td>48-30</td>
<td>101335</td>
<td>1</td>
<td>Valve Spool</td>
</tr>
</tbody>
</table>
### Item 51, 52, or 53
Orifice Sizes Available

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Hole Dia. mm [inches]</th>
</tr>
</thead>
<tbody>
<tr>
<td>101619-021</td>
<td>.53 [.021]</td>
</tr>
<tr>
<td>101619-028</td>
<td>.71 [.028]</td>
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<tr>
<td>101619-036</td>
<td>.91 [.036]</td>
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<td>101619-040</td>
<td>1.02 [.040]</td>
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<tr>
<td>101619-044</td>
<td>1.12 [.044]</td>
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<tr>
<td>101619-048</td>
<td>1.22 [.048]</td>
</tr>
<tr>
<td>101619-052</td>
<td>1.32 [.052]</td>
</tr>
<tr>
<td>101619-057</td>
<td>1.45 [.057]</td>
</tr>
<tr>
<td>101619-065</td>
<td>1.65 [.065]</td>
</tr>
<tr>
<td>101619-073</td>
<td>1.85 [.073]</td>
</tr>
<tr>
<td>101619-094</td>
<td>2.38 [.094]</td>
</tr>
<tr>
<td>101619-102</td>
<td>2.59 [.102]</td>
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</tbody>
</table>

**Note:** The last two digits of the dash number stamped on the face of the orifice.
Item 31 -
Drive Shaft Identification

<table>
<thead>
<tr>
<th>Input Drive</th>
<th>Part Number</th>
<th>Where Used</th>
<th>Output Drive</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 Tooth</td>
<td>72400-200</td>
<td>(Tandem Front Pump)</td>
<td>41 Tooth</td>
</tr>
<tr>
<td>11 Tooth</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 Tooth</td>
<td>72400-201</td>
<td>(Tandem Rear Pump)</td>
<td>11 Tooth</td>
</tr>
<tr>
<td>9 Tooth</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 Tooth</td>
<td>72400-202</td>
<td>(Tandem Rear Pump)</td>
<td>11 Tooth</td>
</tr>
<tr>
<td>41 Tooth</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 Tooth</td>
<td>72400-204</td>
<td>(Single Pump)</td>
<td>9 Tooth</td>
</tr>
<tr>
<td>41 Tooth</td>
<td></td>
<td></td>
<td>Internal</td>
</tr>
<tr>
<td>9 Tooth</td>
<td>72400-212</td>
<td>(Single Pump)</td>
<td>9 Tooth</td>
</tr>
<tr>
<td>15 Tooth</td>
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<td></td>
<td>Internal</td>
</tr>
<tr>
<td>9 Tooth</td>
<td>72400-213</td>
<td>(Single Pump)</td>
<td>9 Tooth</td>
</tr>
<tr>
<td>15 Tooth</td>
<td></td>
<td></td>
<td>Internal</td>
</tr>
<tr>
<td>1 in. Keyed</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Each order must include the following information.
1. Product and/or Part Number
2. Serial Number Code
3. Part Name
4. Quantity

Identification Numbers - Servo Control Piston Pump
Stamped on each unit’s mounting flange.

A - Product Number Discription
   72400 = Single Piston Pump
   78461 = Tandem Piston Pump
   78462 = Single or Tandem Piston Pump with Gear Pump
B - Sequential Numbering
C - Design Code Number

Single Pump - Product Number:
7 2 4 0 0 - 0 0 2 - 0 3
A B C

Tandem Pumps - Product Number:
7 8 4 6 1 - 0 0 2 - 0 3
A B C

Serial Number Code:
B 9 1 0 1 3 1 JB
Revision level of parts list.
Testers Initials
Last two digits of year built.
(91 for 1991 etc.)
Day of Month (two digits)
Month (two digits)