Though several items are the same in both style meters, we stock most parts for standard petroleum meters (4MT), but not so for LPG meters. Parts normally in stock are highlighted in yellow. There could be a 1-2 week lead time for non-stock items. Please contact our parts department for more information.

Note - All Neptune Red Seal part numbers containing a dash (-) actually have six characters preceding the dash. Leading zeros are left off in this manual.
### Flowmeter without Temperature Compensator

**Type 4-MT and Type 4D-MT**

#### Index

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Stud Register Mounting</td>
<td>84435-000</td>
</tr>
<tr>
<td>2</td>
<td>Cover, Main Case</td>
<td>400071-001</td>
</tr>
<tr>
<td>3</td>
<td>Gasket, Main Case *see below</td>
<td>84806-000</td>
</tr>
<tr>
<td>4</td>
<td>Screw Cap, Main Case</td>
<td>795-003</td>
</tr>
<tr>
<td>5</td>
<td>Screw Cap, Main Case (with Seal Hole)</td>
<td>795-011</td>
</tr>
<tr>
<td>6</td>
<td>Measuring Chamber Complete</td>
<td>C45806-101</td>
</tr>
<tr>
<td>7</td>
<td>Pin Seal</td>
<td>42546-000</td>
</tr>
<tr>
<td>8</td>
<td>Dowel Stud, Seal Pin</td>
<td>5211-001</td>
</tr>
<tr>
<td>9</td>
<td>Roller Control</td>
<td>42316-001</td>
</tr>
<tr>
<td>10</td>
<td>Diaphragm</td>
<td>42312-001</td>
</tr>
<tr>
<td>11</td>
<td>Screw, Measuring Chamber</td>
<td>86638-000</td>
</tr>
<tr>
<td>12</td>
<td>Main Case with Locating Pin</td>
<td>400072-701</td>
</tr>
<tr>
<td>13</td>
<td>Lockwasher, 7/16 steel</td>
<td>8325-041</td>
</tr>
<tr>
<td>14</td>
<td>Screw, Cap Skt Hd. 7/16-14x3/&quot;</td>
<td>795-011</td>
</tr>
<tr>
<td>15</td>
<td>Screw, Cap Skt Hd (with Seal Hole)</td>
<td>795-011</td>
</tr>
<tr>
<td>16</td>
<td>Measuring Chamber Complete</td>
<td>C45806-101</td>
</tr>
<tr>
<td>17</td>
<td>Star Connection with Setscrew</td>
<td>82976-001</td>
</tr>
<tr>
<td>18</td>
<td>Gear Train Complete</td>
<td>83502-000</td>
</tr>
<tr>
<td>19</td>
<td>Gasket, Connector</td>
<td>100139-018</td>
</tr>
<tr>
<td>20</td>
<td>Connector with plug, Meter-to-Vapor Release</td>
<td>400079-001</td>
</tr>
<tr>
<td>21</td>
<td>Screw, Cap Skt Hd. 7/16-14x3/&quot;</td>
<td>8325-040</td>
</tr>
<tr>
<td>22</td>
<td>Star Connection with Setscrew</td>
<td>82976-001</td>
</tr>
<tr>
<td>23</td>
<td>Gear Train Complete</td>
<td>83502-000</td>
</tr>
<tr>
<td>24</td>
<td>Gasket, O-ring, Gear Train</td>
<td>100139-003</td>
</tr>
<tr>
<td>25</td>
<td>O-Ring, BUNA</td>
<td>100139-013</td>
</tr>
</tbody>
</table>

* Older Type 4 Main Case Gasket with 16 Holes - 045814-TTS
# Flowmeter with Temperature Compensator

Type 4-MT and Type 4D-MT

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LP-Gas Temperature Compensator</td>
<td>See Note</td>
</tr>
<tr>
<td>2</td>
<td>Cap Screw, Main Case</td>
<td>795-003</td>
</tr>
<tr>
<td></td>
<td>Cap Screw, Main Case (with seal hole)</td>
<td>795-011</td>
</tr>
<tr>
<td>3</td>
<td>Gasket</td>
<td>84806-000</td>
</tr>
<tr>
<td>4</td>
<td>Main Casing with Locating Pin</td>
<td>400072-701</td>
</tr>
<tr>
<td>5</td>
<td>Measuring Chamber Complete</td>
<td>C45806-101</td>
</tr>
<tr>
<td>6</td>
<td>Diaphragm</td>
<td>42312-001</td>
</tr>
<tr>
<td>7</td>
<td>Roller, Control</td>
<td>42316-001</td>
</tr>
<tr>
<td>8</td>
<td>Pin Seal</td>
<td>42546-000</td>
</tr>
<tr>
<td>9</td>
<td>Dowel Stud Seal Pin</td>
<td>005211-001</td>
</tr>
<tr>
<td>10</td>
<td>Screw, Measuring Chamber</td>
<td>88638-000</td>
</tr>
</tbody>
</table>

*Note: Temperature Compensator parts are shown on pages 8 & 9.*
400085-701  Type 4-MT Air Release

Type 4-MT Air Release Cover

400087-702

NOTE:
1. TORQUE PER E.S. #10100
2. APPLY ANTI-SEIZE THREAD COMPOUND TO ITEM #8
### Part Number 400085-701

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cover Complete 2&quot; Type 4 Extended,</td>
<td>400087-702</td>
</tr>
<tr>
<td>2</td>
<td>Viton Valve Complete Shutoff 2&quot; Type 4</td>
<td>083459-000</td>
</tr>
<tr>
<td>3</td>
<td>A/R Flange, 2&quot; Companion</td>
<td>086814-001</td>
</tr>
<tr>
<td>4</td>
<td>Strainer Complete 40 Mesh 2&quot; Type 4- see alternates below</td>
<td>101405-002</td>
</tr>
<tr>
<td>5</td>
<td>MT Cover, 2&quot; Strainer</td>
<td>600103-000</td>
</tr>
<tr>
<td>6</td>
<td>O-Ring BUNA see alternate items below</td>
<td>100139-018</td>
</tr>
<tr>
<td>7</td>
<td>Washer, 3/8 Lock</td>
<td>100440-001</td>
</tr>
<tr>
<td>8</td>
<td>Screw, 3/8-16 x 1 Soc. Head Cap</td>
<td>008325-014</td>
</tr>
<tr>
<td>9</td>
<td>Assembly, 2&quot; Air Release</td>
<td>400086-701</td>
</tr>
<tr>
<td>10</td>
<td>Pipe Plug 3/8&quot; Sq. Head</td>
<td>100075-010</td>
</tr>
<tr>
<td>11</td>
<td>Bolt, 7/16-14 x 1-3/4 Hex</td>
<td>600393-001</td>
</tr>
<tr>
<td>12</td>
<td>Bolt, 5/8-11x 1-3/4</td>
<td>100085-048</td>
</tr>
<tr>
<td>13</td>
<td>O-Ring BUNA see alternate items below</td>
<td>100139-013</td>
</tr>
<tr>
<td>14</td>
<td>Washer, Lock 7/16 Heavy</td>
<td>41012-002</td>
</tr>
<tr>
<td>15</td>
<td>O-Ring, BUNA see alternate items below</td>
<td>100139-022</td>
</tr>
<tr>
<td>16</td>
<td>Washer, 5/8 Lock</td>
<td>041395-000</td>
</tr>
<tr>
<td>17</td>
<td>Bolt, 7/16 - 14 x 1-3/8 HEX</td>
<td>000795-003</td>
</tr>
</tbody>
</table>

**Alternate Items - all are stock items**

- #6 above in viton 100139-018VT
- #6 above square in buna 082694-003
- #13 above in viton 100139-013VT
- #15 above square in buna 082469-002

---

### Strainers

- **Strainer, 16 Mesh (lubes)**: 101405-001
- **Strainer, 40 Mesh (diesel)**: 101405-002
- **Strainer, 60 Mesh**: 101405-003
- **Strainer, 80 Mesh (gas)**: 101405-004
- **Strainer, 108 Mesh**: 101405-005

---

### Part Number 400087-702 complete cover assy. viton**
**does not include cover o-ring #15 above

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cover Only, A/R 2&quot; Type 4 Extension</td>
<td>082451-008</td>
</tr>
<tr>
<td>2</td>
<td>Housing Assembly, 2&quot; Type 4 Extended A/R</td>
<td>083457-004</td>
</tr>
<tr>
<td>3</td>
<td>Sleeve, Air Release, Aluminum</td>
<td>082446-005</td>
</tr>
<tr>
<td>4</td>
<td>Valve Assy., Main - Bronze - Viton</td>
<td>089274-010</td>
</tr>
<tr>
<td>5</td>
<td>Screw, 10-32 x 5/8 Fil. Hd. 303 SST</td>
<td>041221-002</td>
</tr>
<tr>
<td>6</td>
<td>Washer, Lock No. 10 Spring Steel</td>
<td>041211-000</td>
</tr>
<tr>
<td>7</td>
<td>Link Asm., Connecting Adjustable (Alum)</td>
<td>1001120</td>
</tr>
<tr>
<td>8</td>
<td>Pin, 0.187 OD 21/32 LG</td>
<td>040819-002</td>
</tr>
<tr>
<td>9</td>
<td>Stem, Valve PST Type A/Rel. BRZ</td>
<td>083127-001</td>
</tr>
<tr>
<td>10</td>
<td>Pin, Valve Lever &amp; Stem Air Release</td>
<td>042941-000</td>
</tr>
<tr>
<td>11</td>
<td>Float Complete</td>
<td>082476-001</td>
</tr>
<tr>
<td>12</td>
<td>Spacer Drive Gear Hub VSB Reg. BRS</td>
<td>040491-000</td>
</tr>
<tr>
<td>13</td>
<td>Pin, Cotter 1/16 Dia. x 1/2 Lg.</td>
<td>041402-000</td>
</tr>
<tr>
<td>14</td>
<td>Pin, Float Lever - A/R Valve</td>
<td>040820-003</td>
</tr>
<tr>
<td>15</td>
<td>Pin, V Connection 3/16 OD x 11/16 LG., BRZ</td>
<td>082633-000</td>
</tr>
<tr>
<td>16</td>
<td>Washer No. 10 Screw</td>
<td>041989-000</td>
</tr>
<tr>
<td>17</td>
<td>Seal, Piston <strong>Viton 083179-002 Buna 083179-000</strong></td>
<td>085257-012</td>
</tr>
<tr>
<td>18</td>
<td>Cap Lug</td>
<td>085257-012</td>
</tr>
</tbody>
</table>
# Double Trip Aluminum Valve

## Type 4-MT

### Part Number 083978-006

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Arm Complete, Connecting Link</td>
<td>84603-000</td>
</tr>
<tr>
<td>2</td>
<td>Setscrew, 5/16-18 x 5/8 sq hd st</td>
<td>41546-000</td>
</tr>
<tr>
<td>3</td>
<td>Bushing, Connecting Link Arm (knurled)</td>
<td>48858-001</td>
</tr>
<tr>
<td>4</td>
<td>Nut, 5/16 - 18 sq steel</td>
<td>41476-000</td>
</tr>
<tr>
<td>4.1</td>
<td>Lockwasher, 5/16 steel</td>
<td>100121-010</td>
</tr>
<tr>
<td>5</td>
<td>Rod, Connecting - 12&quot;</td>
<td>83435-012</td>
</tr>
<tr>
<td>6</td>
<td>Rod, Connecting - 14&quot;</td>
<td>83435-014</td>
</tr>
<tr>
<td>7</td>
<td>Clevis, Connecting Rod</td>
<td>83433-000</td>
</tr>
<tr>
<td>8</td>
<td>Washer, 5/16&quot; steel</td>
<td>83477-000</td>
</tr>
<tr>
<td>9</td>
<td>Cotter Pin, 3/32 dia x 11/16 brass</td>
<td>41640-000</td>
</tr>
<tr>
<td>10</td>
<td>Screw, 1/4-20 x 3/4 hex hd steel</td>
<td>83784-000</td>
</tr>
<tr>
<td>11</td>
<td>Lockwasher, 1/4 steel</td>
<td>41117-000</td>
</tr>
<tr>
<td>12</td>
<td>Washer (Special)</td>
<td>40508-000</td>
</tr>
<tr>
<td>13</td>
<td>Handle, Operating</td>
<td>83776-000</td>
</tr>
<tr>
<td>14</td>
<td>Stop Plate, Handle (left-hand)</td>
<td>83779-000</td>
</tr>
<tr>
<td>15</td>
<td>Pin, Operating shaft, 1/4 dia x 1-1/4 (Rollpin)</td>
<td>100370-017</td>
</tr>
<tr>
<td>16</td>
<td>Bracket Assy with Buna-N O-ring</td>
<td>84089-001</td>
</tr>
<tr>
<td>17</td>
<td>O-ring, Viton</td>
<td>100139-003</td>
</tr>
<tr>
<td>18</td>
<td>Retainer, Truarc</td>
<td>8579-108</td>
</tr>
<tr>
<td>19</td>
<td>Gasket, Bearing Bracket, Fiber</td>
<td>83422-000</td>
</tr>
<tr>
<td>20A</td>
<td>Screw, 1/4-20 x 3/4 Allen hd st</td>
<td>83784-000</td>
</tr>
<tr>
<td>20B</td>
<td>Screw, 1/4-20 x 1&quot; Allen hd st</td>
<td>83784-000</td>
</tr>
<tr>
<td>21</td>
<td>Stop Plate, handle (right hand)</td>
<td>83778-000</td>
</tr>
<tr>
<td>22</td>
<td>Arm, Connecting Rod</td>
<td>83997-000</td>
</tr>
<tr>
<td>23</td>
<td>Shaft, Operating</td>
<td>83993-001</td>
</tr>
<tr>
<td>25</td>
<td>Lockwasher, 1/4</td>
<td>41117-000</td>
</tr>
<tr>
<td>26</td>
<td>Cam, Operating</td>
<td>83994-000</td>
</tr>
<tr>
<td>27</td>
<td>Screw, Stop, 5/16-18 x 1-1/2 sq hd oval pt</td>
<td>83785-000</td>
</tr>
<tr>
<td>28</td>
<td>Nut, Stop, 5/16-18 sq steel</td>
<td>41545-000</td>
</tr>
<tr>
<td>29</td>
<td>Piston &amp; Throttling Ring Assem. - Petroleum</td>
<td>83981-002</td>
</tr>
<tr>
<td>30</td>
<td>Throttling Ring Assem. with Rod</td>
<td>83984-000</td>
</tr>
<tr>
<td>31</td>
<td>Screw, Piston Assembling 10-32 (special)</td>
<td>600434-001</td>
</tr>
<tr>
<td>32</td>
<td>Disc, Valve</td>
<td>83982-000</td>
</tr>
<tr>
<td>33</td>
<td>Pilot Valve Assembling with Rod</td>
<td>85012-000</td>
</tr>
<tr>
<td>34</td>
<td>Ring, Piston</td>
<td>83989-000</td>
</tr>
<tr>
<td>35</td>
<td>Spring, Valve</td>
<td>85007-001</td>
</tr>
<tr>
<td>36</td>
<td>Cylinder Assembled with Plate</td>
<td>85014-000</td>
</tr>
<tr>
<td>37</td>
<td>Plate, Orifice</td>
<td>85015-000</td>
</tr>
<tr>
<td>38</td>
<td>Washer, No. 8 stainless</td>
<td>41982-002</td>
</tr>
<tr>
<td>39</td>
<td>Screw, 8-32 x 5/16 fil hd</td>
<td>50351-002</td>
</tr>
<tr>
<td>40</td>
<td>Ring, Cylinder Retaining</td>
<td>83992-000</td>
</tr>
<tr>
<td>41</td>
<td>Gasket, Retaining Ring</td>
<td>100139-016</td>
</tr>
<tr>
<td>42</td>
<td>Screw, 10-32 x 3/8 fil hd</td>
<td>733-001</td>
</tr>
<tr>
<td>43</td>
<td>Body Assembled w/studs</td>
<td>084452-009</td>
</tr>
<tr>
<td>44</td>
<td>Note: Parts 44 &amp; 45</td>
<td>42948-009</td>
</tr>
<tr>
<td>45</td>
<td>have been replaced by Part 16.</td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>Flange Gasket</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>Lockwasher</td>
<td>41395-000</td>
</tr>
<tr>
<td>48</td>
<td>Nut 5/8-11</td>
<td>41224-000</td>
</tr>
</tbody>
</table>

Note: Parts 44 & 45 have been replaced by Part 16.
Type 4-MT SC Air Release and Strainer 600100-702

Note:
1. TORQUE PER O+M MANUAL
2. APPLY ANTI-SEIZE THREAD COMPOUND TO ITEMS #1, 12, 15.

Type 4-MT SC Air Release Cover 600101-701
**Part Number 600100-702 (Air Release and Strainer)**

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SCR 3/8-16 X 1 S.H.C.S</td>
<td>008325-014</td>
</tr>
<tr>
<td>2</td>
<td>INLET FLANGE</td>
<td>084814-003</td>
</tr>
<tr>
<td>3</td>
<td>O-RING</td>
<td>100139-018</td>
</tr>
<tr>
<td>4</td>
<td>O-RING</td>
<td>100139-022</td>
</tr>
<tr>
<td>5</td>
<td>LOCKWASHER</td>
<td>100440-001</td>
</tr>
<tr>
<td>6</td>
<td>CVR STR 2 4D-MT SC</td>
<td>600103-000</td>
</tr>
<tr>
<td>7</td>
<td>WASHER, SRG LOCK 7/16</td>
<td>041012-002</td>
</tr>
<tr>
<td>8</td>
<td>COVER, COMP TY 4 - MT SC</td>
<td>600101-001</td>
</tr>
<tr>
<td>9</td>
<td>BODY 2 TY 4-MTSC A/R</td>
<td>600105-001</td>
</tr>
<tr>
<td>10</td>
<td>STRAINER SC</td>
<td>600106-00X</td>
</tr>
<tr>
<td>11</td>
<td>ASM BP VAL 2 TY 4 A/R SC</td>
<td>600110-001</td>
</tr>
<tr>
<td>12</td>
<td>BOLT 7/14 X 1-3/8 HEX</td>
<td>000795-003</td>
</tr>
<tr>
<td>13</td>
<td>O-RING</td>
<td>100139-013</td>
</tr>
<tr>
<td>14</td>
<td>WASHER, 5/8 LOCK</td>
<td>041395-000</td>
</tr>
<tr>
<td>15</td>
<td>SCREW, 5/8-11 X 1 3/4</td>
<td>100085-048</td>
</tr>
</tbody>
</table>

- Strainer, 16 Mesh 600106-001
- Strainer, 40 Mesh 600106-002

**Part Number 600101-701 (Air Release Cover)**

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ASM FLOAT STEEL</td>
<td>082476-001</td>
</tr>
<tr>
<td>2</td>
<td>STEM VAL PIS A/R BRZ</td>
<td>083127-001</td>
</tr>
<tr>
<td>3</td>
<td>SEAL VAL PIS A/R BRZ - VIT</td>
<td>083179-002</td>
</tr>
<tr>
<td>4</td>
<td>VALVE ASSY, MAIN BRZ-VIT</td>
<td>089274-010</td>
</tr>
<tr>
<td>5</td>
<td>ADJUSTING SCREW ASSY</td>
<td>1001120</td>
</tr>
<tr>
<td>6</td>
<td>HUB SPACER DRV GEAR</td>
<td>040491-000</td>
</tr>
<tr>
<td>7</td>
<td>PIN, 0.187 O.D 21/32 LG.</td>
<td>040819-002</td>
</tr>
<tr>
<td>8</td>
<td>PIN, FLOAT-LEVER - A/R VALVE</td>
<td>040820-003</td>
</tr>
<tr>
<td>9</td>
<td>WASHER, SRG LOCK NO. 10 MED.</td>
<td>041211-000</td>
</tr>
<tr>
<td>10</td>
<td>SCR 10-32X 5/8 FIL HD SST</td>
<td>041221-002</td>
</tr>
<tr>
<td>11</td>
<td>WASHER, No.10</td>
<td>041989-000</td>
</tr>
<tr>
<td>12</td>
<td>PIN VAL LEVER</td>
<td>042941-000</td>
</tr>
<tr>
<td>13</td>
<td>SLEEVE A/R ALUM</td>
<td>082446-005</td>
</tr>
<tr>
<td>14</td>
<td>CVR ONLY A/R 2 TYP 4</td>
<td>082451-004</td>
</tr>
<tr>
<td>15</td>
<td>PIN, 3/16 OD X 11/16 LG.</td>
<td>082633-000</td>
</tr>
<tr>
<td>16</td>
<td>HOUSING ASSM. TYPE 4 EXT. A/R</td>
<td>083457-004</td>
</tr>
<tr>
<td>17</td>
<td>PIN, COTTER 1/16 DIA. X 1/2 LG.</td>
<td>041402-000</td>
</tr>
</tbody>
</table>

- Buna 083179-000
- Buna 089274-006
Type 4D-MT Vapor Release and Strainer
400076-701

Type 4D-MT Vapor Release Cover
400078-001
### Part Number 400076-701

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Main Body Assembly - 4D-MT Vapor Release</td>
<td>400086-701</td>
</tr>
<tr>
<td></td>
<td>Bolt, 5/8 11x1 3/4 (Not Shown)</td>
<td>100085-048</td>
</tr>
<tr>
<td></td>
<td>Washer</td>
<td>041395-000</td>
</tr>
<tr>
<td></td>
<td>Pipe Plug 3/8” Square Head</td>
<td>100075-010</td>
</tr>
<tr>
<td>2</td>
<td>Cover Complete - 2&quot; 4D-MT Vapor Release</td>
<td>400078-001</td>
</tr>
<tr>
<td>3</td>
<td>O-Ring BUNA</td>
<td>100139-022</td>
</tr>
<tr>
<td>4</td>
<td>Washer, 3/8 Lock - Hel Spring Hi-Collar</td>
<td>100440-001</td>
</tr>
<tr>
<td>5</td>
<td>Screw, 3/8-16 x 1 Soc. Head Cap</td>
<td>008325-014</td>
</tr>
<tr>
<td>6</td>
<td>O-Ring BUNA</td>
<td>100139-018</td>
</tr>
<tr>
<td>7</td>
<td>Washer, Lock 7/16 Bolt St. Stl.</td>
<td>041012-002</td>
</tr>
<tr>
<td>8</td>
<td>Bolt, 7/16-14 x 1 3/8 HRX</td>
<td>000795-003</td>
</tr>
<tr>
<td>9</td>
<td>Cover Complete - 2” Type 4D-MT Strainer</td>
<td>400074-001</td>
</tr>
<tr>
<td>10</td>
<td>Strainer Complete 80 Mesh 2” Type 4D</td>
<td>101405-004</td>
</tr>
<tr>
<td>11</td>
<td>Valve, ASM Inlet Check 2” Type 4D</td>
<td>084813-702</td>
</tr>
<tr>
<td>12</td>
<td>O-Ring Outlet Flange (Not Shown)</td>
<td>100139-013</td>
</tr>
</tbody>
</table>

### Part Number 400078-001

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2” 4D-MT Vapor Release Cover Assembly:</td>
<td>400077-701</td>
</tr>
<tr>
<td></td>
<td>Screw, 5/8 - 18 Hex Hd. Retainer</td>
<td>004853-008</td>
</tr>
<tr>
<td></td>
<td>Spring, Compression</td>
<td>100024-003</td>
</tr>
<tr>
<td></td>
<td>O-Ring, 1/16 Sect. x 11/16 ID BUNA N</td>
<td>100138-006</td>
</tr>
<tr>
<td></td>
<td>Valve Assembly, Bypass Aluminum with BUNA N Seat</td>
<td>100237-001</td>
</tr>
<tr>
<td></td>
<td>Tag, Precaution</td>
<td>100322-001</td>
</tr>
<tr>
<td>2</td>
<td>Housing, ASM Low Volume &amp; Extended</td>
<td>083457-000</td>
</tr>
<tr>
<td>3</td>
<td>Sleeve, Air Release, Aluminum</td>
<td>082446-005</td>
</tr>
<tr>
<td>4</td>
<td>Valve Assembly, Main A/R (BRZ-BUNA N)</td>
<td>089274-006</td>
</tr>
<tr>
<td>5</td>
<td>Screw, 10-32 x 5/8 Fil. Hd. 303 SST</td>
<td>041221-002</td>
</tr>
<tr>
<td>6</td>
<td>Washer, Lock No. 10 Spring Steel</td>
<td>041211-000</td>
</tr>
<tr>
<td>7</td>
<td>Link Assy., Connect. Stl.</td>
<td>080002-002</td>
</tr>
<tr>
<td>8</td>
<td>Pin, 0.187 ODS 21/32 LG</td>
<td>040819-002</td>
</tr>
<tr>
<td>9</td>
<td>Stem, Valve PST Type A/Rel. BRZ</td>
<td>083127-001</td>
</tr>
<tr>
<td>10</td>
<td>Pin, Valve Lever &amp; Stem Air Release</td>
<td>042941-000</td>
</tr>
<tr>
<td>11</td>
<td>Float Complete</td>
<td>082476-001</td>
</tr>
<tr>
<td>12</td>
<td>Spacer Drive Gear Hub VSB Reg. Brass</td>
<td>040491-000</td>
</tr>
<tr>
<td>13</td>
<td>Pin, Cotter 1/16 Dia. x 1/2 Lg.</td>
<td>041402-000</td>
</tr>
<tr>
<td>14</td>
<td>Pin, Float Lever - A/R Valve</td>
<td>040820-003</td>
</tr>
<tr>
<td>15</td>
<td>Pin, V Connection 3/16 OD x 11/16 LG., BRZ</td>
<td>082633-000</td>
</tr>
<tr>
<td>16</td>
<td>Washer No. 10 Screw</td>
<td>041989-000</td>
</tr>
<tr>
<td>17</td>
<td>Seal, Piston Air Release Units - Buna</td>
<td>083179-000</td>
</tr>
</tbody>
</table>
Temperature Compensator, Type 1 Style 2

Part No. 84913-002

Temperature Compensator Adapter Unit Complete
Part No. 86602-705

Drive Bracket Assy. complete with Ratchet and Arms.
Part No. 84913-002
### Temperature Compensator, Type 1 Style 2

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Screw, Cover (10-32 special)</td>
<td>9287-003</td>
</tr>
<tr>
<td>2</td>
<td>Cover, Lever Arm Mounting Plate</td>
<td>86665-000</td>
</tr>
<tr>
<td>3</td>
<td>Screw, 10-32 x 5/8, fil hd steel</td>
<td>41221-002</td>
</tr>
<tr>
<td>4</td>
<td>Lockwasher, No. 10 steel</td>
<td>41211-000</td>
</tr>
<tr>
<td>5</td>
<td>Mounting Plate &amp; Lever Arm Assy. (4D-MT)</td>
<td>86649-003</td>
</tr>
<tr>
<td>6</td>
<td>Pin, Lever Arm Lock</td>
<td>86661-001</td>
</tr>
<tr>
<td>7</td>
<td>Cotter Pin, 1/16 dia. x 3/8, brass</td>
<td>86973-000</td>
</tr>
<tr>
<td>8</td>
<td>Pin, Thermostat</td>
<td>86648-000</td>
</tr>
<tr>
<td>9</td>
<td>Screw, 1/4 dia. x 3/8, brass</td>
<td>88721-000</td>
</tr>
<tr>
<td>10</td>
<td>Lockwasher, 1/4 steel</td>
<td>8538-027</td>
</tr>
<tr>
<td>11</td>
<td>Thermostat (Bellows)</td>
<td>86646-000</td>
</tr>
<tr>
<td>12</td>
<td>Gasket, O-ring, Thermostat Cover</td>
<td>100139-005</td>
</tr>
<tr>
<td>13</td>
<td>Thermometer Well complete</td>
<td>86109-000</td>
</tr>
<tr>
<td>14</td>
<td>Screw, 1/4-20- x 2-1/2, fil hd steel</td>
<td>8320-027</td>
</tr>
<tr>
<td>15</td>
<td>Lockwasher, 1/4 steel, small</td>
<td>88662-000</td>
</tr>
<tr>
<td>16</td>
<td>Adapter Unit Complete</td>
<td>86602-705</td>
</tr>
<tr>
<td>17</td>
<td>Driving Arm with Setscrew</td>
<td>82976-0001</td>
</tr>
<tr>
<td>18</td>
<td>Gear Train Complete</td>
<td>83502-000</td>
</tr>
<tr>
<td>19</td>
<td>3.75 Reduction US Gal</td>
<td>80862-055</td>
</tr>
<tr>
<td></td>
<td>9.93 Reduction Litres</td>
<td>83536-000</td>
</tr>
<tr>
<td>20</td>
<td>Seal U-cup Shaft</td>
<td>100025-002</td>
</tr>
<tr>
<td>21</td>
<td>Expander, Seal</td>
<td>83539-000</td>
</tr>
<tr>
<td>22</td>
<td>Spring, Stuffing Box</td>
<td>83540-000</td>
</tr>
<tr>
<td>23</td>
<td>Gasket, O-ring</td>
<td>100139-003</td>
</tr>
<tr>
<td>24</td>
<td>Nut, Clamp</td>
<td>34-000</td>
</tr>
<tr>
<td>25</td>
<td>Main Case Cover with Locking Pin</td>
<td>400081-002</td>
</tr>
<tr>
<td>26</td>
<td>Spacer</td>
<td>1002043</td>
</tr>
<tr>
<td>27</td>
<td>Screw, 1/4-20x1-1/8 socket hex hd steel</td>
<td>1002044</td>
</tr>
</tbody>
</table>

### Temperature Compensator Adapter

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Screw, 10-32 x 1-1/4, fil hd steel</td>
<td>89073-000</td>
</tr>
<tr>
<td>2</td>
<td>Lockwasher, No. 10 steel</td>
<td>41211-000</td>
</tr>
<tr>
<td>3</td>
<td>Register Drive Bracket Complete</td>
<td>84890-004</td>
</tr>
<tr>
<td>4</td>
<td>Star Connection w/Setscrew</td>
<td>82976-001</td>
</tr>
<tr>
<td>5</td>
<td>Mounting Plate &amp; Lever Arm Assy. (4-MT)</td>
<td>87650-001</td>
</tr>
<tr>
<td>6</td>
<td>Pin, Lever Arm Lock</td>
<td>86612-000</td>
</tr>
<tr>
<td>7</td>
<td>Cotter Pin, 1/16 dia. x 3/8, brass</td>
<td>86699-000</td>
</tr>
<tr>
<td>8</td>
<td>Pin, Thermostat</td>
<td>86648-000</td>
</tr>
<tr>
<td>9</td>
<td>Screw, 1/4 dia. x 3/8, brass</td>
<td>88721-000</td>
</tr>
<tr>
<td>10</td>
<td>Lockwasher, 1/4 steel</td>
<td>8538-027</td>
</tr>
<tr>
<td>11</td>
<td>Thermostat (Bellows)</td>
<td>86646-000</td>
</tr>
<tr>
<td>12</td>
<td>Gasket, O-ring, Thermostat Cover</td>
<td>100139-005</td>
</tr>
<tr>
<td>13</td>
<td>Thermometer Well complete</td>
<td>86109-000</td>
</tr>
<tr>
<td>14</td>
<td>Screw, 1/4-20- x 2-1/2, fil hd steel</td>
<td>8320-027</td>
</tr>
<tr>
<td>15</td>
<td>Lockwasher, 1/4 steel, small</td>
<td>88662-000</td>
</tr>
<tr>
<td>16</td>
<td>Adapter Unit Complete</td>
<td>86602-705</td>
</tr>
<tr>
<td>17</td>
<td>Driving Arm with Setscrew</td>
<td>82976-0001</td>
</tr>
<tr>
<td>18</td>
<td>Gear Train Complete</td>
<td>83502-000</td>
</tr>
<tr>
<td>19</td>
<td>3.75 Reduction US Gal</td>
<td>80862-055</td>
</tr>
<tr>
<td></td>
<td>9.93 Reduction Litres</td>
<td>83536-000</td>
</tr>
<tr>
<td>20</td>
<td>Seal U-cup Shaft</td>
<td>100025-002</td>
</tr>
<tr>
<td>21</td>
<td>Expander, Seal</td>
<td>83539-000</td>
</tr>
<tr>
<td>22</td>
<td>Spring, Stuffing Box</td>
<td>83540-000</td>
</tr>
<tr>
<td>23</td>
<td>Gasket, O-ring</td>
<td>100139-003</td>
</tr>
<tr>
<td>24</td>
<td>Nut, Clamp</td>
<td>34-000</td>
</tr>
<tr>
<td>25</td>
<td>Main Case Cover with Locking Pin</td>
<td>400081-002</td>
</tr>
<tr>
<td>26</td>
<td>Spacer</td>
<td>1002043</td>
</tr>
<tr>
<td>27</td>
<td>Screw, 1/4-20x1-1/8 socket hex hd steel</td>
<td>1002044</td>
</tr>
</tbody>
</table>
"Soft Seat" Inlet Check Valve
Type 4D-MT

Part Number 084813-702

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Spring</td>
<td>83492-000</td>
</tr>
<tr>
<td>2</td>
<td>Flange, Inlet</td>
<td>84814-003</td>
</tr>
<tr>
<td>3</td>
<td>Strap, Inlet</td>
<td>84816-001</td>
</tr>
<tr>
<td>4</td>
<td>Ring, Retaining</td>
<td>84817-000</td>
</tr>
<tr>
<td>5</td>
<td>Ring, Retaining, Truarc</td>
<td>86071-000</td>
</tr>
<tr>
<td>6</td>
<td>Washer, Lock</td>
<td>041117-000</td>
</tr>
<tr>
<td>7</td>
<td>&quot;O&quot; Ring Buna</td>
<td>100139-032</td>
</tr>
<tr>
<td>8</td>
<td>Holder</td>
<td>100374-002</td>
</tr>
<tr>
<td>9</td>
<td>Shaft</td>
<td>100896-001</td>
</tr>
<tr>
<td>10</td>
<td>Retainer</td>
<td>100898-001</td>
</tr>
<tr>
<td>11</td>
<td>Bearing</td>
<td>100899-001</td>
</tr>
</tbody>
</table>
### Differential Valve - Type 4D-MT

**Part Number:** 400070-701  w/2" Companion Flange  
400070-702  w/1-1/2" Companion Flange

<table>
<thead>
<tr>
<th>Index</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cover</td>
<td>400000-001</td>
</tr>
<tr>
<td>2</td>
<td>Spring, Valve</td>
<td>83775-000</td>
</tr>
<tr>
<td>3</td>
<td>Diaphragm Complete</td>
<td>1001569</td>
</tr>
<tr>
<td>4</td>
<td>Screw, Diaphragm</td>
<td>83774-002</td>
</tr>
<tr>
<td>5</td>
<td>Lockwasher, 7/16 steel</td>
<td>41012-002</td>
</tr>
<tr>
<td>6</td>
<td>Retainer, Spring</td>
<td>83773-000</td>
</tr>
<tr>
<td>7</td>
<td>Retainer, Diaphragm</td>
<td>83772-002</td>
</tr>
<tr>
<td>8</td>
<td>Diaphragm</td>
<td>1000624</td>
</tr>
<tr>
<td>9</td>
<td>Gasket, O-ring</td>
<td>100139-001</td>
</tr>
<tr>
<td>10</td>
<td>Screw, 3/8 - 16 x 1-1/4, hex hd steel</td>
<td>100067-051</td>
</tr>
<tr>
<td></td>
<td>Screw, 3/8 - 16 x 1-1/4, hex hd steel (with seal hole)</td>
<td>100068-050</td>
</tr>
<tr>
<td>10A</td>
<td>Lockwasher, 3/8 steel (not shown)</td>
<td>45828-001</td>
</tr>
<tr>
<td>11</td>
<td>Body (stud)</td>
<td>400013-703</td>
</tr>
<tr>
<td>12</td>
<td>Gasket, O-Ring</td>
<td>1931-000</td>
</tr>
<tr>
<td>13</td>
<td>Fitting, Straight, 3/8 flared tube (male half)</td>
<td>84826-000</td>
</tr>
<tr>
<td>14</td>
<td>Fitting, Elbow, 3/8 flared tube (male half)</td>
<td>84825-001</td>
</tr>
<tr>
<td>15</td>
<td>Tube, Connecting, with Nuts</td>
<td>84823-000</td>
</tr>
<tr>
<td></td>
<td>Tube, Connecting, with Nuts (Angle configuration)</td>
<td>84821-000</td>
</tr>
<tr>
<td>16</td>
<td>Bushing</td>
<td>8343-001</td>
</tr>
<tr>
<td>17</td>
<td>Flange, 2&quot; NPT</td>
<td>86814-001</td>
</tr>
<tr>
<td>18</td>
<td>Flange, 1-1/2&quot; NPT</td>
<td>86814-002</td>
</tr>
<tr>
<td>19</td>
<td>Lockwasher</td>
<td>41012-002</td>
</tr>
<tr>
<td>20</td>
<td>Screw</td>
<td>100071-101</td>
</tr>
<tr>
<td>21</td>
<td>Nut 5/8-11</td>
<td>41224-000</td>
</tr>
<tr>
<td>22</td>
<td>Lockwasher</td>
<td>41395-000</td>
</tr>
<tr>
<td>23</td>
<td>Gasket, O-Ring</td>
<td>100139-013</td>
</tr>
</tbody>
</table>