

# Check Ball and Seat Kits

406848C

EN

Merkur™ Bellows Pumps

**Important Safety Instructions**

Read all warnings and instructions in manuals 312793 and 312795. Save all instructions.

**Standard Kits**

Tungsten Carbide Seats, 440 Stainless Steel Balls

**Kit 24A787**

LB050x (50cc) Pump

**Kit 24A788**

LB100x (100cc) and LB 150x (150cc) Pumps

| Ref | Description                             | OD<br>in. (mm) |                          | Qty |
|-----|-----------------------------------------|----------------|--------------------------|-----|
|     |                                         | 24A787         | 24A788                   |     |
| 101 | SEAT, outlet, tungsten carbide          |                |                          | 1   |
| 102 | O-RING, piston                          | 0.56 (14)      | 0.85 (22)                | 2   |
| 103 | NUT, flow-through                       |                |                          | 1   |
| 104 | O-RING, foot cap                        | 1.8 (46)       | 2.4 (61)*<br>2.7 (69)**  | 1   |
| 105 | SEAT, inlet, tungsten carbide           |                |                          | 1   |
| 106 | CHECK BALL, inlet, 440 stainless steel  | 0.375 (10)     | 0.75 (19)                | 1   |
| 107 | SPRING, ball stop                       |                |                          | 1   |
| 108 | CHECK BALL, outlet, 440 stainless steel | 0.375 (10)     | 0.56 (14)                | 1   |
| 109 | O-RING, packing nut, top                | 1.9 (48)       | 1.9 (48)                 | 1   |
| 110 | O-RING, packing nut, bottom             | 1.6 (41)       | 2.0 (51)*<br>2.25 (57)** | 1   |
| 111 | O-RING, bellows chamber                 | 2.5 (64)       | 2.5 (64)                 | 1   |

\* Use smaller o-ring if you have a 100cc model.

\*\* Use larger o-ring if you have a 150cc model.

**Optional Kits\*\*\***

316 Stainless Steel Seats, 316 Stainless Steel Balls

**Kit 24A800**

LB050x (50cc) Pump

**Kit 24A801**

LB100x (100cc) and LB 150x (150cc) Pumps

| Ref | Description                             | OD<br>in. (mm) |                          | Qty |
|-----|-----------------------------------------|----------------|--------------------------|-----|
|     |                                         | 24A800         | 24A801                   |     |
| 101 | SEAT, outlet, stainless steel           |                |                          | 1   |
| 102 | O-RING, piston                          | 0.56 (14)      | 0.85 (22)                | 2   |
| 103 | NUT, flow-through                       |                |                          | 1   |
| 104 | O-RING, foot cap                        | 1.8 (46)       | 2.4 (61)*<br>2.7 (69)**  | 1   |
| 105 | SEAT, inlet, stainless steel            |                |                          | 1   |
| 106 | CHECK BALL, inlet, 316 stainless steel  | 0.375 (10)     | 0.75 (19)                | 1   |
| 107 | SPRING, ball stop                       |                |                          | 1   |
| 108 | CHECK BALL, outlet, 316 stainless steel | 0.375 (10)     | 0.56 (14)                | 1   |
| 109 | O-RING, packing nut, top                | 1.9 (48)       | 1.9 (48)                 | 1   |
| 110 | O-RING, packing nut, bottom             | 1.6 (41)       | 2.0 (51)*<br>2.25 (57)** | 1   |
| 111 | O-RING, bellows chamber                 | 2.5 (64)       | 2.5 (64)                 | 1   |

\*\*\* Replaces standard kits for high corrosive applications.

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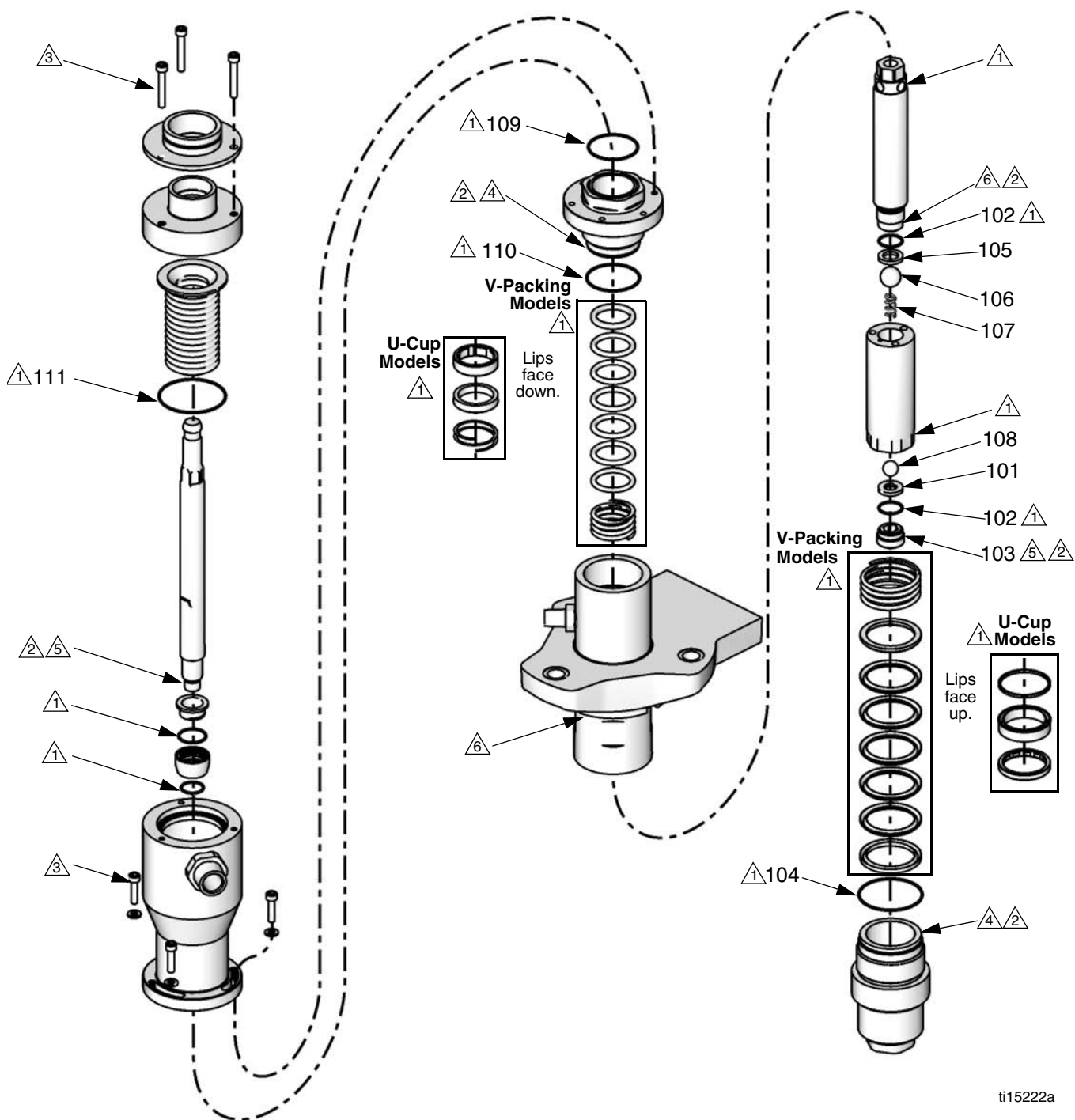
Original instructions. MM 406848

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PROVEN QUALITY. LEADING TECHNOLOGY.

**NOTE:** Full disassembly shown. Disassemble only as far as needed for the parts being replaced.



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- △1 Apply grease.
- △2 Apply thread lubricant.
- △3 Torque to 100-120 in-lb (11-14 N•m).
- △4 Torque to 54-66 ft-lb (73-89 N•m).

- △5 Torque to 74-86 ft-lb (100-117 N•m).
- △6 Torque to 91-109 ft-lb (123-148 N•m).