## B5107-Series Seat Repair Kit Installation

The Right Connection®

To ensure quality operation of your Dixon® equipment, the equipment must be disassembled and assembled properly to prevent damage during operation. Please follow the instructions contained in this manual carefully and be sure to follow any safety warnings contained herein. If any questions should arise during the assembly or disassembly that are not addressed in this manual, please feel free to contact Dixon Sanitary at 800.789.1718.

## Assembly (refer to Figure A on back)

- 1. Apply food grade anti-seize to the body bolts (item 1).
- 2. Using the supplied seat lubricant package, apply lubricant to both stem holes on the rubber seat.
- 3. Install the seat (**item 3**) onto the valve disc (**item 4**) see **Figure B** on the back page. Pinch the seat between your thumb and index finger. Slide the long end of the disc stem through the hole in the seat. Stretch the remaining end of the seat over the short end of the disc stem.
- 4. Slide the upper bushing (item 6) over the square of the valve disc stem. NOTE: the upper bushing is split in 1" 2-1/2" repair kits.
- 5. Slide the lower bushing (item 5) onto the bottom of the valve disc.
- 6. With disc in the open position, press the seat/disc assembly into the seat groove in one side of the valve body (**item 2**).
- 7. Press the remaining valve body (item 2) onto the seat/disc assembly. Ensure the bushings are both alignment and the seat is sitting securely in the valve bodies.
- Insert the body bolts (item 1) through the holes in the valve body (item 2) and thread on the body bolt nuts (item 7).
- 9. Tighten the body bolts in a star pattern to the torque values listed below:
  - M6 = 77 in-lbs
  - M8 = 188 in-lbs
  - M10 = 372 in-lbs



## Disassembly

- 1. Remove the handle or actuator from the valve.
- 2. Remove the body bolts and nuts (items 1 & 7) from the valve body.
- 3. Seperate the two valve bodies (item 2) from one another.
- 4. Remove the disc/seat assembly from the valve body (item 2).
- 5. Squeeze the seat between your thumb and index finger as shown in **Figure B** of the assembly procedure and pry the seat over and off the short end of the valve stem.
- 6. Pull the disc out completely from the valve seat.



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