

## Bucket Covers for the JS-4.3 Swinging Bucket Rotor

Transparent covers made of Ultem<sup>1</sup> are available for the JS-4.3 rotor buckets. Each cover requires an O-ring (made of ethylene propylene rubber) that seats on a ledge inside the bucket. The covers, which are held in place by attached latches, can be used with all blood bags, bottles, and tubes up to 130 mm long.

**NOTE**

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Because of the shape of the covers, 130-mm tubes can be used *only* in the center cavities of the adapters when covers are used.

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Beckman Coulter recommends that you use these bucket covers to help contain spills and glass particles in the event of tube breakage. Although the covers are *not designed to contain aerosols* that may result from tube breakage, they will contain liquids and broken tube particles, reducing the need to clean the centrifuge chamber, and allowing you to take appropriate precautions before opening the covers in the event of tube breakage.

Refer to publication J-TB-050 for detailed instructions on the use and care of the JS-4.3 rotor, including the buckets.

### INSTALLATION AND REMOVAL

1. Make sure that the bucket and the bucket cover are clean, dry, and undamaged.
2. Make certain that the O-ring is in good condition. Lightly coat it with silicone vacuum grease (335148).
3. Place the O-ring on the ledge inside the bucket (see Figure 1).

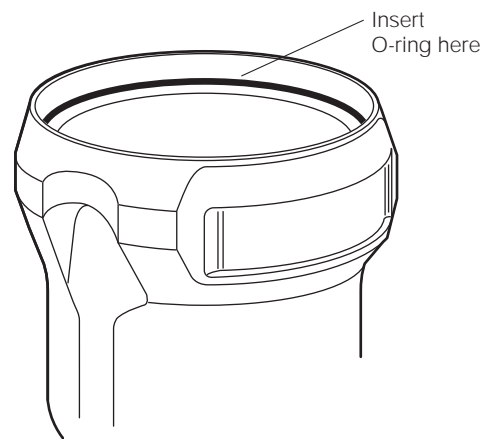


Figure 1. Proper Placement of O-Ring

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<sup>1</sup> Ultem is a registered trademark of GE Plastics.

4. Place the cover on the bucket with the latches located perpendicular to the pin sockets (see Figure 2).
5. Snap the latches down and secure them under the bucket rim.
6. To remove the cover after a run, carefully release the latches and then remove the cover.

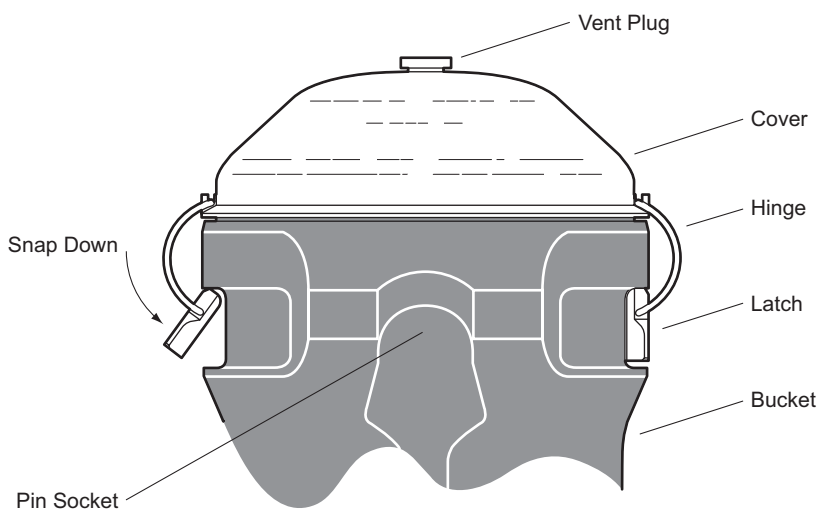


Figure 2. Securing the Cover Latches

## CARE AND MAINTENANCE

### NOTE

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Refer to publication J-TB-050 for care and maintenance of other JS-4.3 rotor components and accessories.

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## CLEANING

1. Wash the bucket covers with a mild detergent such as Beckman Solution 555™ (339555), diluted 10 to 1 with water. *Do not wash the covers in a dishwasher.*
2. Rinse thoroughly with water and dry completely.

## DECONTAMINATION

If bucket covers become contaminated with toxic or pathogenic materials, follow appropriate decontamination procedures as outlined by your laboratory safety officer. Refer to *Chemical Resistances* (publication IN-175) to ensure that the procedures will not damage the bucket covers.

## STERILIZATION AND DISINFECTION

The bucket covers can be autoclaved or sterilized using cold sterilization methods. Ethanol (70%)<sup>2</sup> or sodium hypochlorite (up to 5%) may be used on the covers.

While Beckman Coulter has tested these methods and found that they do not damage components, no guarantee of sterility or disinfection is expressed or implied. When sterilization or disinfection is a concern, consult your laboratory safety officer.

## RETURNING A COMPONENT

In most cases it is not necessary to return defective accessories. In those rare cases where return of defective items is necessary, prior permission (a Returned Goods Authorization form) must be obtained from Beckman Coulter, Inc. This RGA form may be obtained from your local Beckman Coulter Sales and Service office.

To protect our personnel, it is the customer's responsibility to ensure that parts are free from pathogens and/or radioactivity. Sterilization and decontamination must be done before returning the parts. The parts should be enclosed in a sealed plastic bag.

*All parts must be accompanied by a note, plainly visible on the outside of the box or bag, stating that they are safe to handle and that they are not contaminated with pathogens or radioactivity. **Failure to attach this notification will result in return or disposal of the items without review of the reported problem.***

Use the address label printed on the RGA form when mailing the components.

Customers located outside the United States should contact their local Beckman Coulter office.

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<sup>2</sup> Flammability hazard. Do not use in or near operating centrifuges.

## SUPPLY LIST

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Publications referenced in this manual can be obtained by calling Beckman Coulter at 1-800-742-2345 in the United States, or by contacting your local Beckman Coulter office.

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Cover assembly (1) . . . . .	361262
O-ring (ethylene propylene rubber, 1) . . . . .	961648
Vent plug . . . . .	343685
Beckman Solution 555 (1 qt) . . . . .	339555
Silicone vacuum grease (1 oz) . . . . .	335148



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