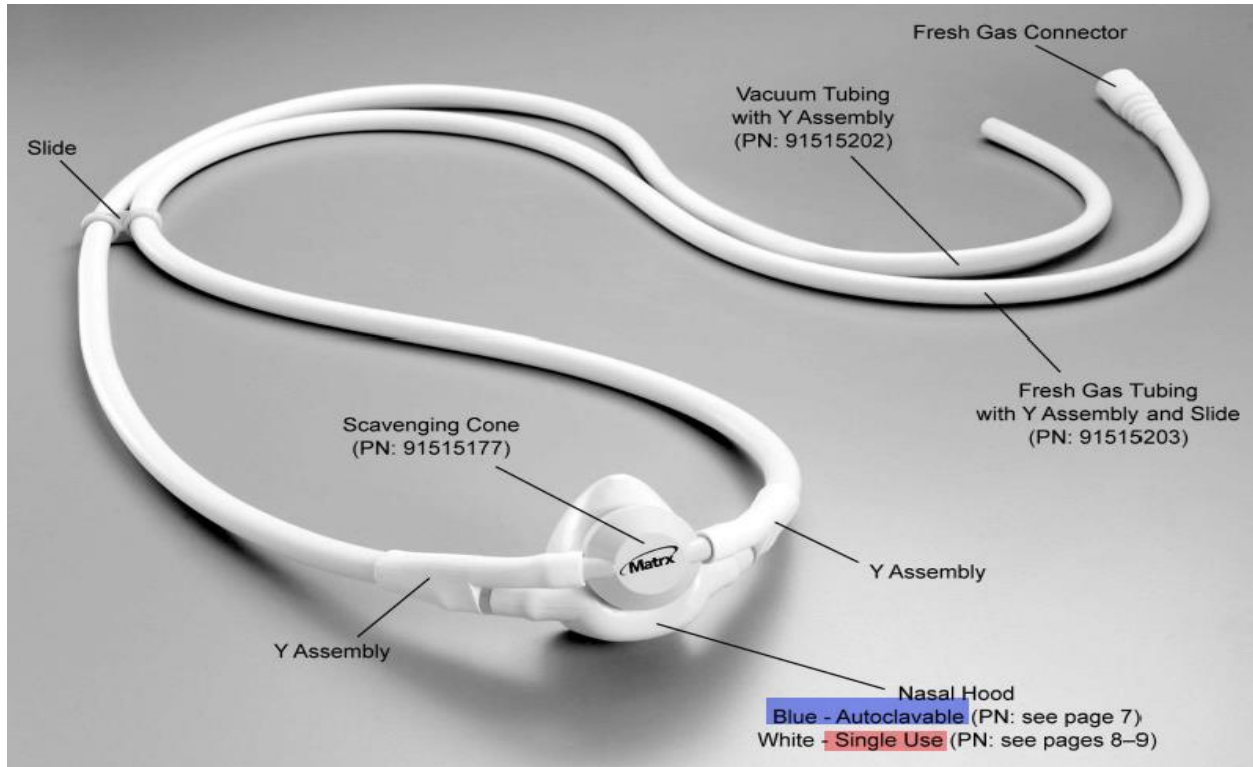




## Breathing Circuit Cleaning and Sterilization Procedure



### Section 4 Changing the Hood

1. Hold the nasal hood in one hand.
2. With your other hand, gently pull the scavenging cone from the hood.
3. Disconnect the long sections of the gas Y and the vacuum Y from the hard plastic cone.
4. Pinching the gas Y just behind the hose connector, work the hood free from the gas Y. Repeat for the vacuum Y. These procedures leave the hose connectors connected to the Ys. See Figure 5.

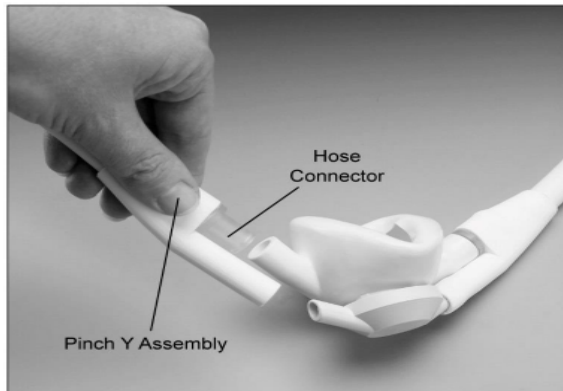


Figure 5. Removing the Y from the Hood

5. Remove the hood from the scavenging cone.
6. Turn the *new* hood upside down. Place your thumbs inside the hood.

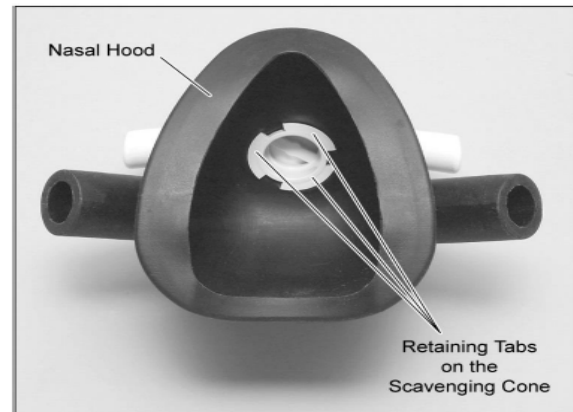


Figure 6. Correctly Seating the Cone in the Hood

7. Gently stretch the hole in the hood over the retaining tabs on the scavenging cone. When the cone is seated in the nasal hood properly, three segments of the cone base are visible inside the nasal hood. See Figure 6.
8. Note the natural bend of the long tubing sections of the gas Y and the vacuum Y. Use this bend as a guide to determine a natural fit to the left and the right sides of the hood and cone assembly.
9. Pinching the hose connector in the gas Y, insert it into the hood fully. Repeat for the vacuum Y.
10. Connect the long sections of the Y pieces to the two ports on the scavenging cone.

## Section 5 Cleaning Instructions

You can autoclave all Matrix Scavenger components, except the components of the vacuum shutoff valve and the scavenging control valve. To ensure proper cleaning, follow the directions below.

### CAUTION

When autoclaving the Matrix Scavenger components, Parker recommends following the specific protocol of the service provider of the sterilizer manufacturer. You can use temperatures consistent with silicone, Ultem (polyetherimide), and polysulfone, that is, in the temperature range from 120°C (248°F) to 134°C (274°F).

1. Remove the vacuum Y from the hood and cone. Remove the tubing from the vacuum nipple.

### NOTE

Do not unthread the vacuum nipple from the shutoff valve or the scavenging control valve.

2. Remove the fresh gas Y from the hood. Remove the tubing from the fresh gas outlet of the gas mixing apparatus.
3. Wash each tube with a mild alkali detergent.
4. Wash the scavenging cone system with a mild alkali detergent. Run a soft bristle brush around the inside of the cone to remove any debris. If necessary, you can detach the cone from the cage by bending the pinch bar back and turning clockwise (see Figure 7).

### CAUTION

Do not autoclave "white" single-use nasal hoods, the vacuum nipple, the vacuum adapter, the vacuum shutoff valve, or the scavenger control valve.

5. Autoclave all parts not included in the CAUTION above. Use autoclavable protocol.

## Section 6 Assembly after Cleaning

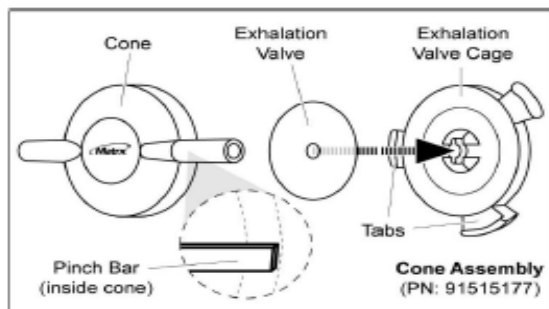


Figure 7. Assembling the Cone

1. Attach the exhalation valve to the exhalation valve cage (see Figure 7).
2. With the exhalation valve facing the cone, insert the assembled exhalation valve and exhalation valve cage into the cone.
3. Turn the cage counterclockwise.
4. Continue turning until the tabs engage and the pinch bar snaps closed. When completely engaged, the cone and the cage cannot disengage.

5. Turn the hood upside down. Place your thumbs inside the hood.
6. Gently stretch the hole in the hood over the retaining tabs on the scavenging cone. When the cone is seated in the nasal hood properly, three segments of the cone base are visible inside the nasal hood. (see Figure 6).
7. Note the natural bend of the long tubing sections of the gas Y and the vacuum Y. Use this bend as a guide to determine a natural fit to the left and right sides of the hood and cone assembly.
8. Pinching the hose connector in the gas Y (Figure 5), insert it into the hood fully. Repeat for the vacuum Y.
9. Connect the ling section of the Y pieces to the two ports on the scavenging cone.
10. Attach the free end of the fresh gas tubing to the analgesia head.
11. Attach the free end of the vacuum tubing to the vacuum nipple on the vacuum shutoff valve or on the scavenging control valve.

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