

3M™ Hood Assembly S-857

August 2018

Opening Points

This presentation is based on current United States federal requirements. US state or other country requirements may be different. Always consult User Instructions and follow local laws and regulations.

This presentation contains an overview of general information and should not be relied upon to make specific decisions. Completing this program does not certify proficiency in safety and health.

Information is current as of August, 2018 and requirements can change in the future.

This presentation should not be relied upon in isolation, as the content is often accompanied by additional and/or clarifying information or discussion.

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Agenda

- Specifications
- Assembly
- Donning and fitting
- Inspection and Maintenance
- Cleaning

***Always read and follow all User Instructions!**

Hood with Adjustable Reusable Premium Suspension

- One size adjustable reusable suspension
- One size replacement hoods
- Outer shroud
- Inner shroud
- Wide field of view
- APF of 1000

- APF: 1000
- Increased skin coverage



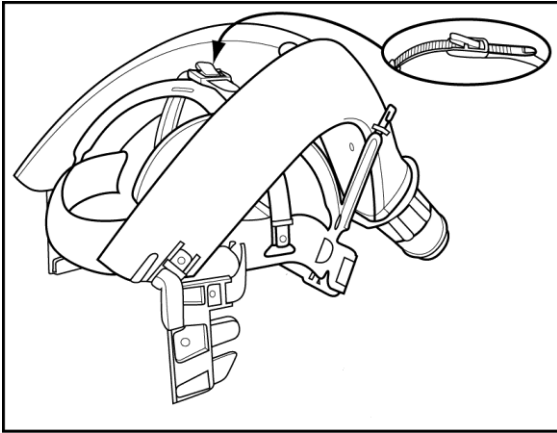
Specifications

Technical Specifications	
Airflow Range	6 to 15 cfm (170 to 425 lpm)
Noise Level	Less than 80 dBA (excluding external noise)
Operating Temperature Range	-10°C to 55°C (14°F to 130°F)
Storage Temperature Range*	-30°C to 50°C (-22°F to 122°F)
Shelf Life	3 year suggested shelf life for all headgear models when stored in original packaging under recommended storage conditions. Suggested shelf life is for headgear only and does not apply to accessories such as peel-offs, chin straps, etc. or S-950 Premium Suspensions. User must inspect headgear prior to use to determine serviceability.

S-950 Premium Suspension



S-950 Premium Suspension Adjustment Features

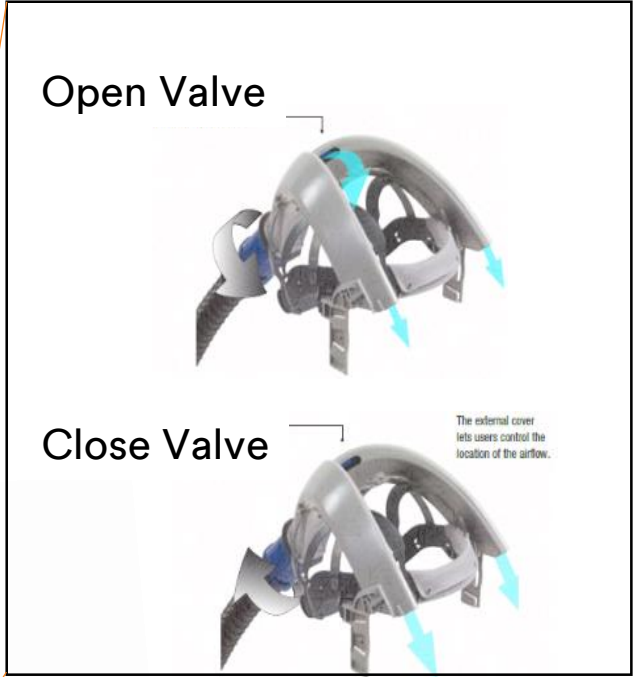
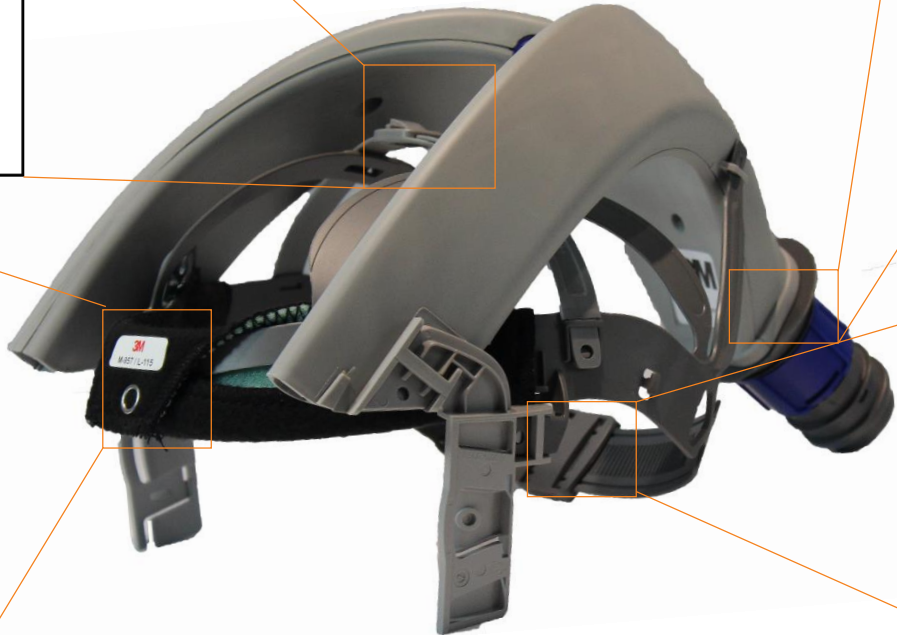


Crown adjustment



Standard pad

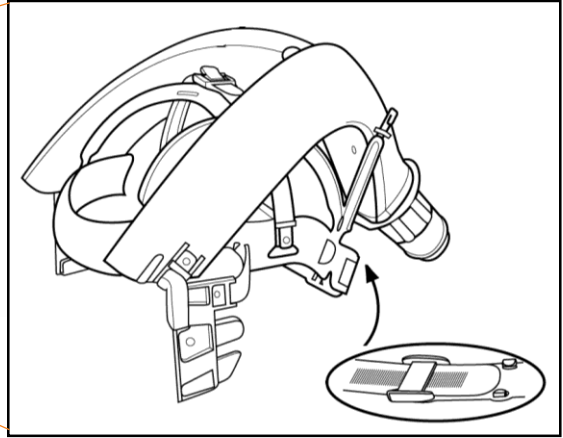
Size-reducing pad



Open Valve

Close Valve

Airflow adjustment



Circumference adjustment

S-950: Comfort Pads/Sizing



M-957 Forehead Comfort Pad/Sweat Pad




S-954 Size Reducing Comfort Pad




S-950 Premium Suspension Sizing

Head Circumference (cm)	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
US Hat Size	6 ¼	6 3/8	6 ½	6 5/8	6 ¾	6 7/8	7	7 1/8	7 ¼	7 3/8	7 ½	7 5/8	7 ¾	7 7/8	8
Size Reducing S-954	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Optimum	Optimum	Optimum	Optimum	Optimum	Optimum
Standard M-957	Optimum	Optimum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum	Maximum



Maximum

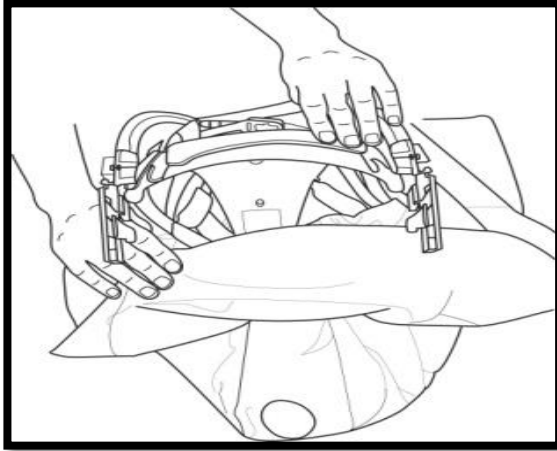


Optimum

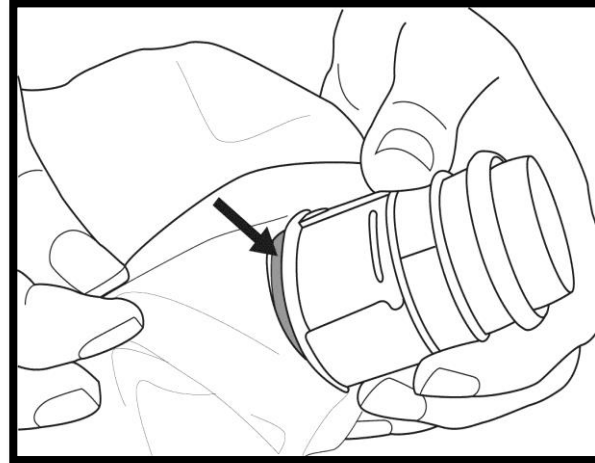
Use the Size Reducing Pad in place of the Standard Pad to:

- Improve fit of the suspension around the brow and top of the head
- Decrease the circumference

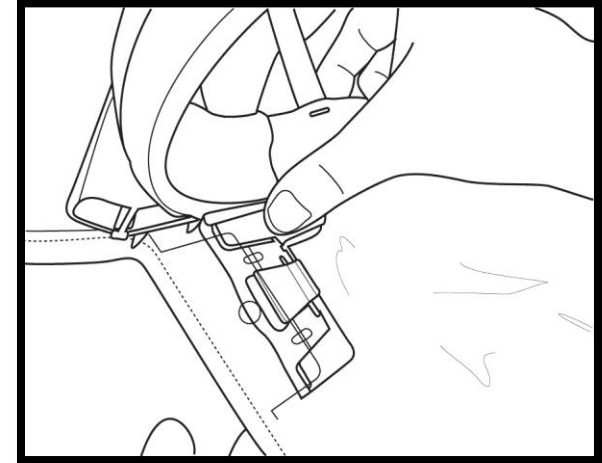
Assembly-Installing the S-950 Suspension



With the hood upside down and the visor window facing towards you, insert the head suspension into the hood.

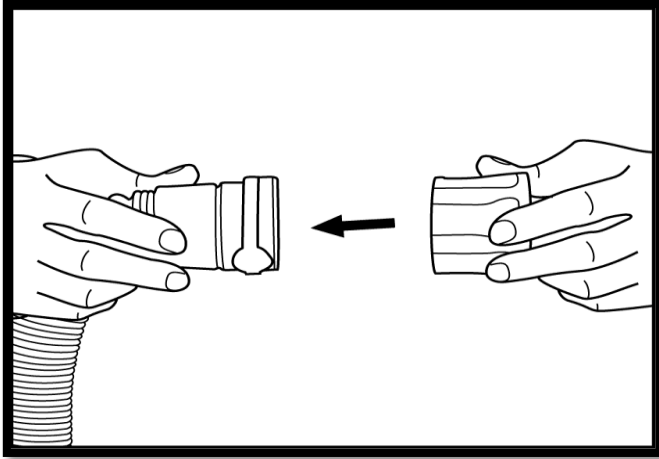


Pull the air inlet through the opening in back of the hood. Fabric must be pulled past the lip of the air inlet and seated in the groove just above the air duct sealing ring.

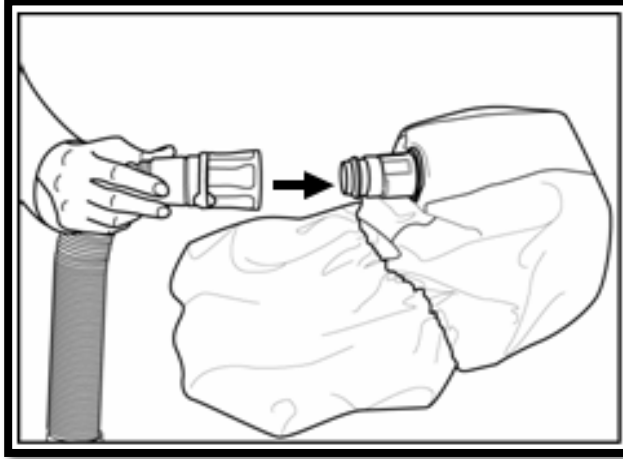


Attach the suspension to the visor tabs located on each side of the visor window by sliding the visor attachment clips onto the visor tab.

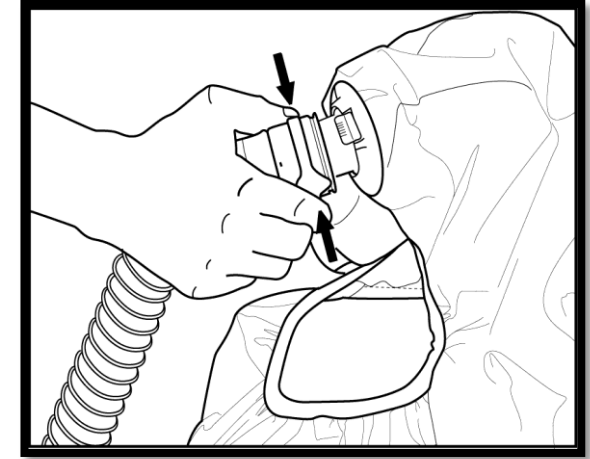
Assembly-attaching and detaching the breathing tube



The S-955 Airflow Adjustment Cover must be attached to the breathing tube before connecting the breathing tube to the air inlet of the S-950 Suspension. Snap the S-955 into place on the QRS end of the breathing tube (i.e. the end with the blue pinch clip).



Connect the breathing tube by pushing the QRS end of the breathing tube (i.e. the end with the blue pinch clip) onto the air inlet of the headgear.

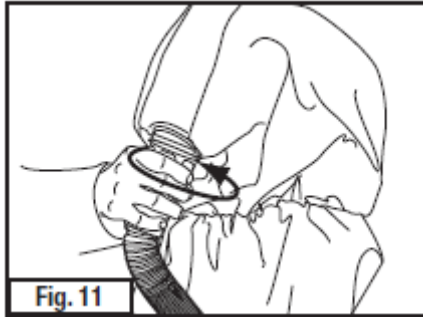


To disconnect the breathing tube, compress the blue pinch clip of the QRS to release and pull back to remove.

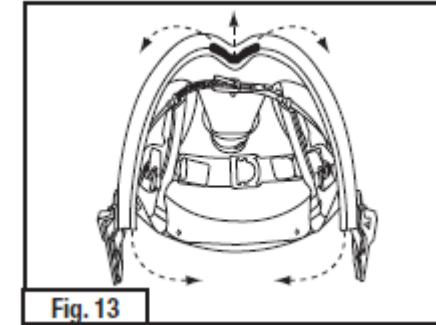
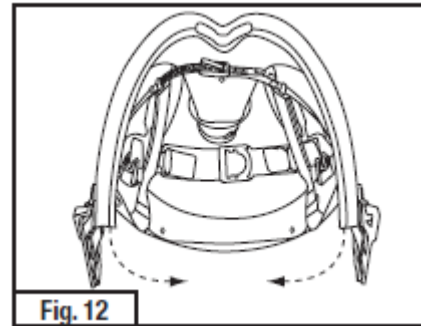
S-857 Donning and Fitting

- Adjust the S-950 suspension as necessary to achieve a comfortable fit
- Insert the suspension into the hood
- Pull the hood over your head so that the visor is directly in front of your face
- If using the option chin strap, place the elastic strap under your chin and pull the ends of the strap to adjust the tightness
- Tuck the inner shroud fully into your work clothing
- Leave the outer shroud draped over your shoulders and pull it down over clothing and tie tightly but comfortably at the side

S-857 Donning and Fitting



Adjust the airflow of the S-950 Premium Head Suspension for wearing comfort by rotating the Airflow Adjustment Cover (S-955) as shown in Fig. 11



While wearing, the airflow may be directed primarily to the front visor (Fig. 12) or split to provide more airflow to the top of the head (Fig. 13)

Complete any final performance checks required according to the *User Instructions* for your PAPR or Supplied Air Unit

Inspection and Maintenance

- Examine the condition of the fabric, head suspension, visor, outer shroud, and inner shroud. Check that there are no cracks, rips, dents, holes, tears, or other damage
- Closely inspect the sealed seams for rips, holes, tears, or other damage
- Ensure side ties are present and undamaged
- Look for scratches or other visual distortions that could make it difficult to see through the visor
- Examine the head suspension for cracks or other damage

Cleaning

- Follow the hygiene practices established by your employer for the specific contaminants to which the respirator assembly has been exposed
- A clean cloth or sponge dampened with a mild solution of water and liquid household soap may be used to wipe down the hood and other plastic parts
- Hang hood by the loop sewn into the top or lay it flat
- Never fold or crush the visor
- Air dry inside and out thoroughly before storage or reuse
- If liquid enters the air channels of the S-950 premium head suspension, ensure it is thoroughly dry before storage and reuse

Questions?

3M [3M.com/Workersafety](https://www.3m.com/Workersafety)



Phone: 1-800-243-4630

***Always read and follow all User Instructions**