

Fit Test Adapter for MSA Ultravue Facepieces

Model 8025-15 & 8025-15Q



Installation Instructions

PortaCount™ Plus
Respirator Fit Tester
Model 8020



NOTICE

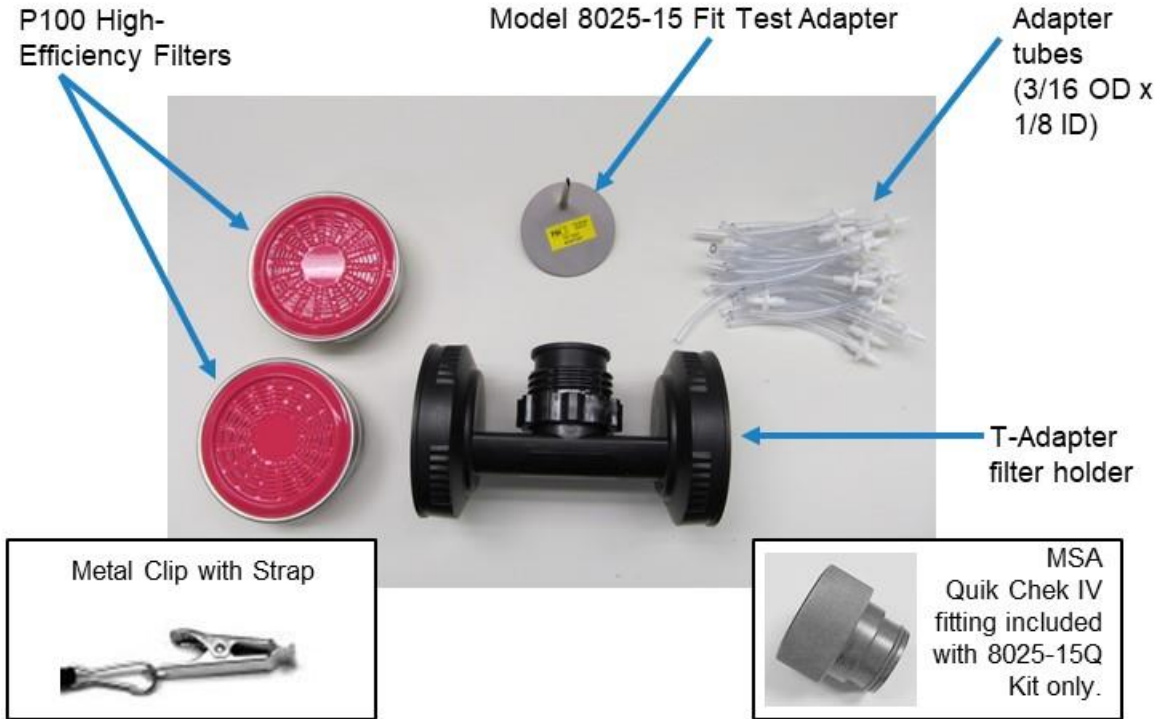
The Model 8025-15 and 8025-15Q Adapter Kits are identical except the "Q" version includes an MSA Quik Chek IV fitting that allows the adapter to be used with Ultravue masks that have a quarter-turn connection as well as Ultravue masks with the more common screw-in connection.

The 8025-15 adapter is designed to allow quantitative respirator fit testing with MSA Ultravue (and Ultra-Twin) respirator facepieces without permanently modifying the mask. It will work with any Ultravue/Ultra-Twin mask except for those equipped with an ESP Mask Communication System.

The 8025-15 adapter is unlike most fit test adapters because it temporarily replaces the speaker diaphragm rather than attaching in between the facepiece and filter like many adapters.

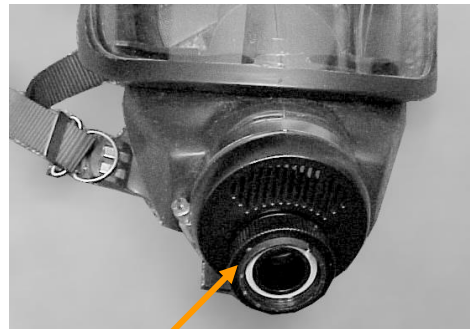


Identifying the Parts Included with the Model 8025-15 Kit



Installing the Adapter

Step 1: Remove the breathing hose (if attached) as well as the breathing hose adapter located at the base of the hose.



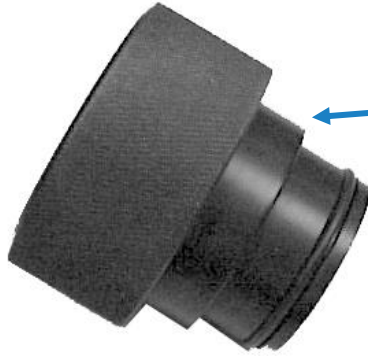
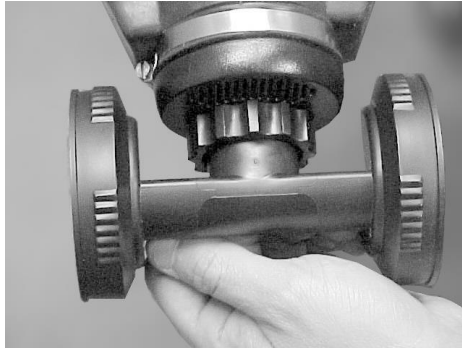
The Mask should look like this before you start installing the 8025-15 Adapter.



Breathing Hose Adapter

CAUTION
DO NOT remove the inhalation valve.

Step 2: Install the T-Adapter filter holder and the P100 high-efficiency filters. If the Ultravue mask has a quarter-turn connection, install the Quik Chek IV fitting before attaching the T-Adapter (8025-15Q kit only).



MSA Quik Chek IV fitting adapts the threaded T-Adapter to 1/4-turn masks. It is included with 8025-15Q kit only

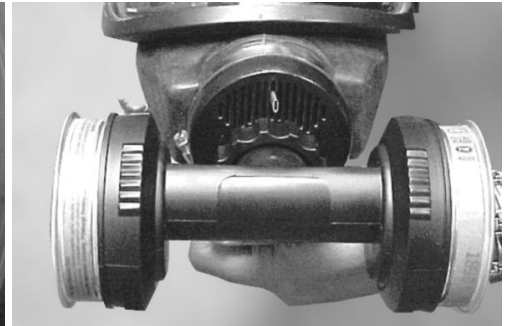
Step 3: Reach inside the mask and remove the retaining ring that holds the speaker diaphragm in place, followed by the speaker diaphragm and O-ring. If the retaining ring is difficult to remove, try using pliers as a “spanner wrench”. (A retaining ring removal pliers specifically for this purpose is available from MSA as part no. 627971.)



WARNING

Be careful **not** to puncture the thin plastic membrane inside the speaker diaphragm housing. Puncturing the membrane will cause the mask to leak when reassembled.

Step 4: Install the O-ring followed by the adapter in the speaker diaphragm's place and push the metal tube through the front grille, making sure the tube passes through the center slot as shown.

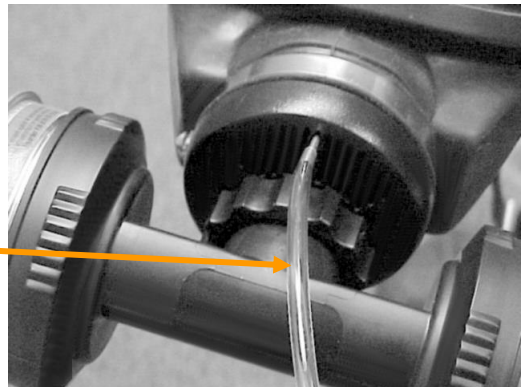


Step 5: Screw the retaining ring back in place.



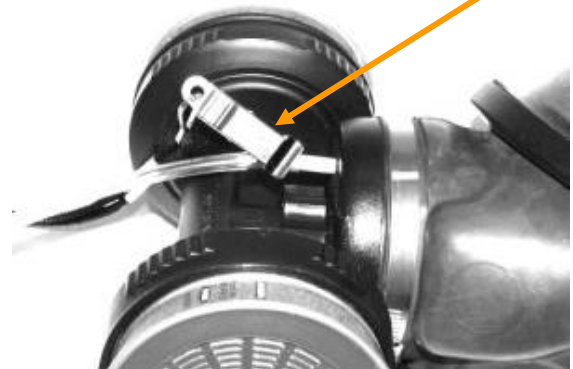
Step 6: Slide one of the short plastic adapter tubes over the oval metal end of the adapter. Push it onto the metal tube as far as it will go. The adapter tube is not absolutely necessary; however, this thin-wall tube conforms to the oval metal tube better than the standard PortaCount™ fit tester sample hose and reduces the chance of leaks.

Adapter Tube



Step 7: To make certain there are no leaks, attach one of the metal clips so that it pinches the plastic tube onto the metal tube.

Metal Clip



CAUTION

You **MUST** use the metal clip. The plastic-to-metal tube **CONNECTION WILL LEAK IF THE CLIP IS NOT USED**. Even very small leaks will cause low fit factors

The mask and adapter are now ready for fit testing. Attach the PortaCount™ fit tester twin-tube to the end of the adapter tube.

CAUTION

When reinstalling the speaker diaphragm into the mask for normal use, put the O-ring in first. Make sure the smooth side (the side without the seam) of the speaker diaphragm is facing down (toward the O-ring).



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