

NORTH

NORTH MODEL 7700-23 FACEPIECE CONVERTER

Used to convert North self-contained breathing apparatus and pressure-demand airline respirator facepieces, Models 80004 & 80004S, for quantitative fit-testing with the North 7700-21 Quantitative Fit-Test Adapter.

NOTE

The North 7700-23 Facepiece Converter, when used with a North 7700-21 Quantitative Fit-Test Adapter, allows for the quantitative fit-testing of North respirator facepieces, Models 80004 and 80004S, in negative pressure mode. The instruction sheet included with the 7700-21 Quantitative Fit-Test Adapter is not needed. Only this instruction sheet is needed when the Facepiece Converter is used.

INSTRUCTIONS

- 1) Remove the demand valve from your North facepiece, if attached. Set the demand valve aside (See Figure 1).

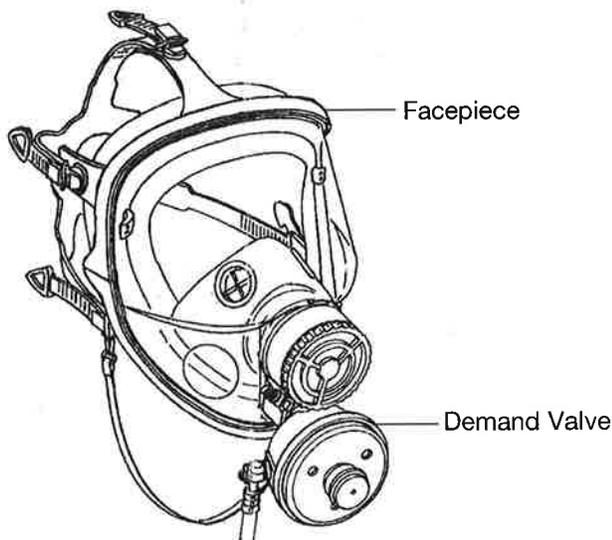


Figure 1

- 2a) Make sure the o-ring on the Facepiece Converter is in place (See Figure 2).

- 2b) Attach the Facepiece Converter to the facepiece inlet housing by aligning the orientation lugs and rotating the Facepiece Converter counterclockwise. The locking mechanism will automatically secure the Facepiece Converter (See Figure 2).

- 2c) Make sure that the gasket is in place on the threaded portion of the Facepiece Converter (See Figure 2).

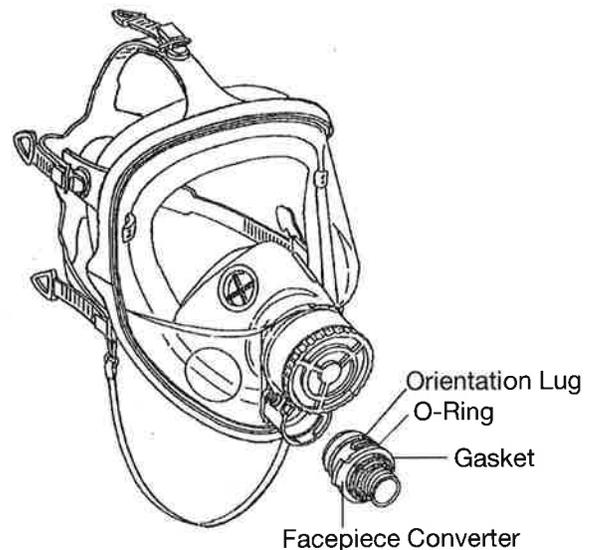


Figure 2

- 3) Remove the suction cup from the 7700-21 Quantitative Fit-Test Adapter terminal and set it aside. The suction cup is not needed when the Facepiece Converter is used (See Figure 3).

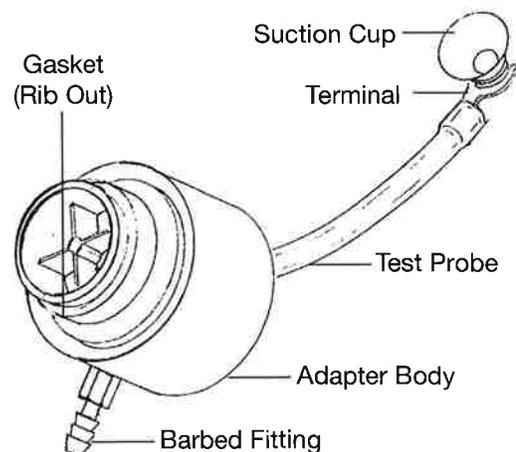


Figure 3

4a) Insert the test probe (with terminal) through the Facepiece Converter and screw the Adapter firmly onto the Facepiece Converter (See Figure 4).

4b) Make sure that the gasket is in place on the male threaded portion of the Adapter (See Figure 4).

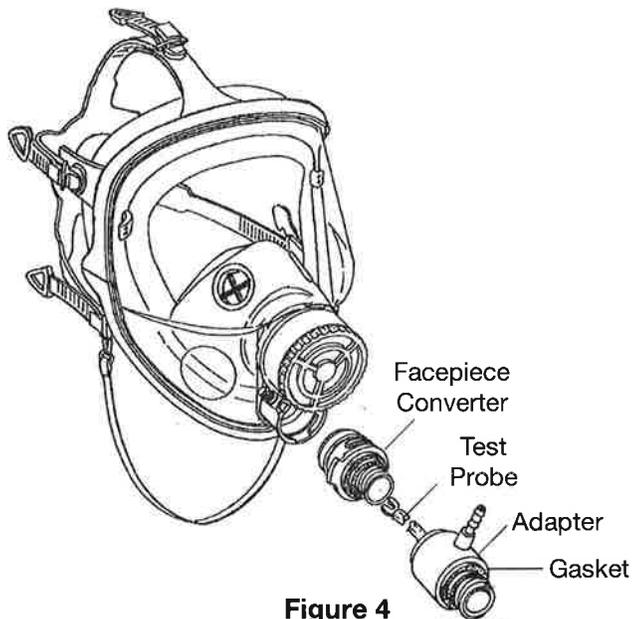


Figure 4

- 5) Screw onto the Adapter a North cartridge appropriate for use against the challenge agent specified in the quantitative fit-test protocol to be used (See Figure 5).
- 6) Attach a flexible fit-test monitor tube to the barbed fitting on the Adapter.
- 7) Perform a fit check following fit check instructions specified in the manual for the particular facepiece model you are working with.

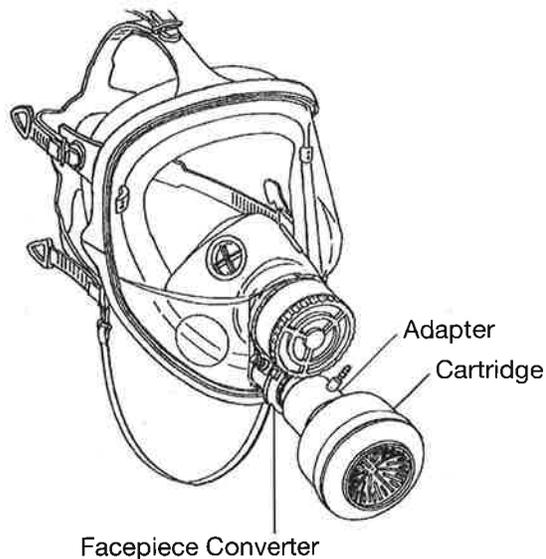


Figure 5

- 8) Once a tight seal is obtained, conduct a quantitative fit test in accordance with the selected protocol.
- 9a) After fit-testing, remove the cartridge, the Adapter, and the Facepiece Converter from the facepiece.
- 9b) Put the demand valve back on the facepiece.

⚠ WARNING

Use this Facepiece Converter, the 7700-21 Adapter, and any other fit-testing component only for fit-testing North facepieces. Do not use a respirator equipped with this Facepiece Converter, the 7700-21 Adapter, or any other fit-testing component for protection against any hazardous atmosphere.

REPLACEMENT PARTS

7500-25 Gasket
89940 O-ring



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