



CBRN Upgrade Kits for FireHawk™ Air Masks



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CBRN Upgrade Kits for FireHawk™ Air Masks

In today's world, every call is an unknown. What may appear to be routine, could be much more. MSA is dedicated to providing firefighters with the highest levels of protection available and is pleased to introduce CBRN (*Chemical, Biological, Radiological, Nuclear*) upgrade kits for field-deployed MSA MMR Air Masks.

- CBRN Upgrade Kits are now available for NFPA 1981–1997 and 2002 Edition, MSA MMR Air Masks.
- Upgrade Kits enable the replacement of the Air Mask's existing MMR ¼ Turn or Standard Firehawk™ Regulator with the new CBRN Firehawk MMR by any MSA authorized C.A.R.E. Maintenance Facility.
- Firefighters benefit from the added CBRN protection and the enhanced ergonomics of the new Firehawk MMR.
- The Firehawk MMR is available in either the Slide-to-Connect or Push-to-Connect version for unparalleled ease-of-use.

CBRN Firehawk MMR

The CBRN Firehawk MMR was developed to provide you with positive protection from CBRN agents, according to the stringent live-agent testing regimen of the NIOSH approval process.

Positive Protection

Because conventional silicone diaphragms are among the SCBA components most vulnerable to CBRN agent permeation, our **positive-protection** design seals the new diaphragm of the Firehawk regulator from any initial contact with contaminants.

The key to this protection is the revolutionary components which lie within the CBRN version of the Firehawk second-stage regulator:

- 1 MSA's exclusive Tetraplex™ Protective Shield serves as the first line of defense in preventing chemical warfare agents from contacting the vital components of the regulator and entering the user's air stream.
- 2 A permeation-resistant regulator diaphragm made of proprietary rubber compound serves as the second line of defense in protecting the user's breathing zone.
- 3 A modified valve core body (the engine of the regulator) supports the new shield and diaphragm with a high-performance air-delivery system.

Ultra Elite® Facepiece

The industry's best-fitting facepiece ensures reliable and effective respiratory protection, not only from agents that might be used in a terrorist attack, but also from many of the lethal byproducts of combustion that are encountered in everyday firefighting. Chemical plants, nuclear facilities, laboratories and other industries harbor unknown and life-threatening hazards that you might have to face.

Approved Configurations

MSA pursued and received CBRN approvals for the latest and most popular SCBA components. These include the Vulcan and Black Rhino Carrier/Harness Assemblies and the Ultra Elite Facepiece with 4-point adjustable Speed-ON Head Harness. If you have a rubber or 5-point Speed-ON Head Harness, your facepieces can easily be upgraded to the most current 4-point style.

Black Rhino™
Carrier and
Harness



Ultra Elite® Facepiece
with 4-point Speed-ON
Head Harness and
Slide-to-Connect MMR
Attachment



Vulcan™
Carrier and
Harness



Ultra Elite® Facepiece
with 5-point Speed-On
Head Harness and
Push-to-Connect MMA
Attachment



Ultra Elite® Facepiece
with Rubber Harness

chemical
biological

radiological
nuclear

CBRN Upgrade Kits for MSA NFPA 1981–1997 & 2002 Editions FireHawk™ Air Masks

Current MMR Regulator In Use		Current Type of Emergency Breathing System In Use		Firehawk Type Currently In Use or Firehawk Type Desired for 1/4 Turn Conversion		Ultra Elite Hycar Facepiece Currently In Use		Size Of Ultra Elite Hycar Facepiece to be Ordered	
Q F	Quarter-Turn	0	None	A	Firehawk with STC and THD Hose	1	Ultra Elite, Hycar, with 5-Point Adjustable Head Harness	0	None
	Firehawk	1	ExtendAire	B	Firehawk with STC and QC Hose	2	Ultra Elite, Hycar, with 4-Point Adjustable Speed-ON Head Harness		
		2	Dual-Purpose	C	Firehawk with PTC and THD Hose				
		If you choose option 1, you must choose Option B or D in the next column.		D	Firehawk with PTC and QC Hose	3	Ultra Elite, Silicone or other style MSA facepiece	1	Small
							If you choose option 1 or 2, place a 0 in the next column.	2	Medium
								3	Large

Exceptions:

A-C-

Because NIOSH does not approve the use of air-line respirators in CBRN environments, Dual-Purpose options must be removed from the SCBA. The kits above will include the necessary parts for this conversion.

To upgrade NFPA 1981, 1997 Edition units with Quick-Fill® and 2216 psig cylinder, **one** of three options must be selected:

1] Purchase a new Audi-Larm™ Assembly that incorporates your current Quick-Fill fitting using **part number 10054824**.

2] Upgrade the complete SCBA to NFPA 1981, 2002 Edition.

3] Remove the Quick-Fill from the system using **part number 10053065**.

Spare Facepiece Upgrade Kits

Ultra Elite®, Hycar with Type of Head Harness in Use	Type of Firehawk MMR Being Ordered	Kits to be Ordered	
		Head Harness/ CBRN Label Kit	Facepiece Kit
5-Point Speed-ON or Rubber	Slide-to-Connect	▲ 10053064	▲ 10028600
5-Point Speed-ON or Rubber	Push-to-Connect	▲ 10053064	▲ 10038664
4-Point Speed-ON	Slide-to-Connect	▲ 10053063	▲ 10028600
4-Point Speed-ON	Push-to-Connect	▲ 10053063	▲ 10038664
5-Point Speed-ON or Rubber	Already Using Firehawk MMR	▲ 10053064	
4-Point Speed-ON or Rubber	Already Using Firehawk MMR	▲ 10053063	

If the facepiece you are currently using does not meet the criteria above, you must order from the chart below for spare facepieces.

▲ Kit includes the 4-point Speed-ON Head Harness and the CBRN Approval label

▲ Kit includes the necessary parts to convert an existing 1/4 Turn Ultra Elite Facepiece to a Slide-to-Connect Firehawk Facepiece

▲ Kit includes the CBRN Approval Label

▲ Kit includes the necessary parts to convert an existing 1/4 Turn Ultra Elite Facepiece to a Push-to-Connect Firehawk Facepiece

Ultra Elite® MMR Facepiece with Slide-to-Connect Adapter, Speed-ON Head Harness and Nosecup		Ultra Elite® MMR Facepiece with Push-to-Connect Adapter, Speed-ON Head Harness and Nosecup	
Small	10024421	Small	10035684
Medium	10024411	Medium	10035682
Large	10024431	Large	10035686

Note: To ensure the proper function of your SCBA, only MSA authorized C.A.R.E. facilities should be installing upgrade kits. To find the nearest C.A.R.E. facility, contact your local MSA distributor or MSA Customer Service Center at 1.877.MSA.FIRE.

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood.



Only they contain the complete and detailed information concerning proper use and care of these products.

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