

# FireHawk<sup>®</sup> M7 Responder<sup>®</sup> Air Mask: APR Breathing Tube

MAINTENANCE AND REPAIR

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**MINE SAFETY APPLIANCES COMPANY**  
**PITTSBURGH, PENNSYLVANIA, U.S.A. 15230**

# FIREHAWK M7 RESPONDER APR BREATHING TUBE

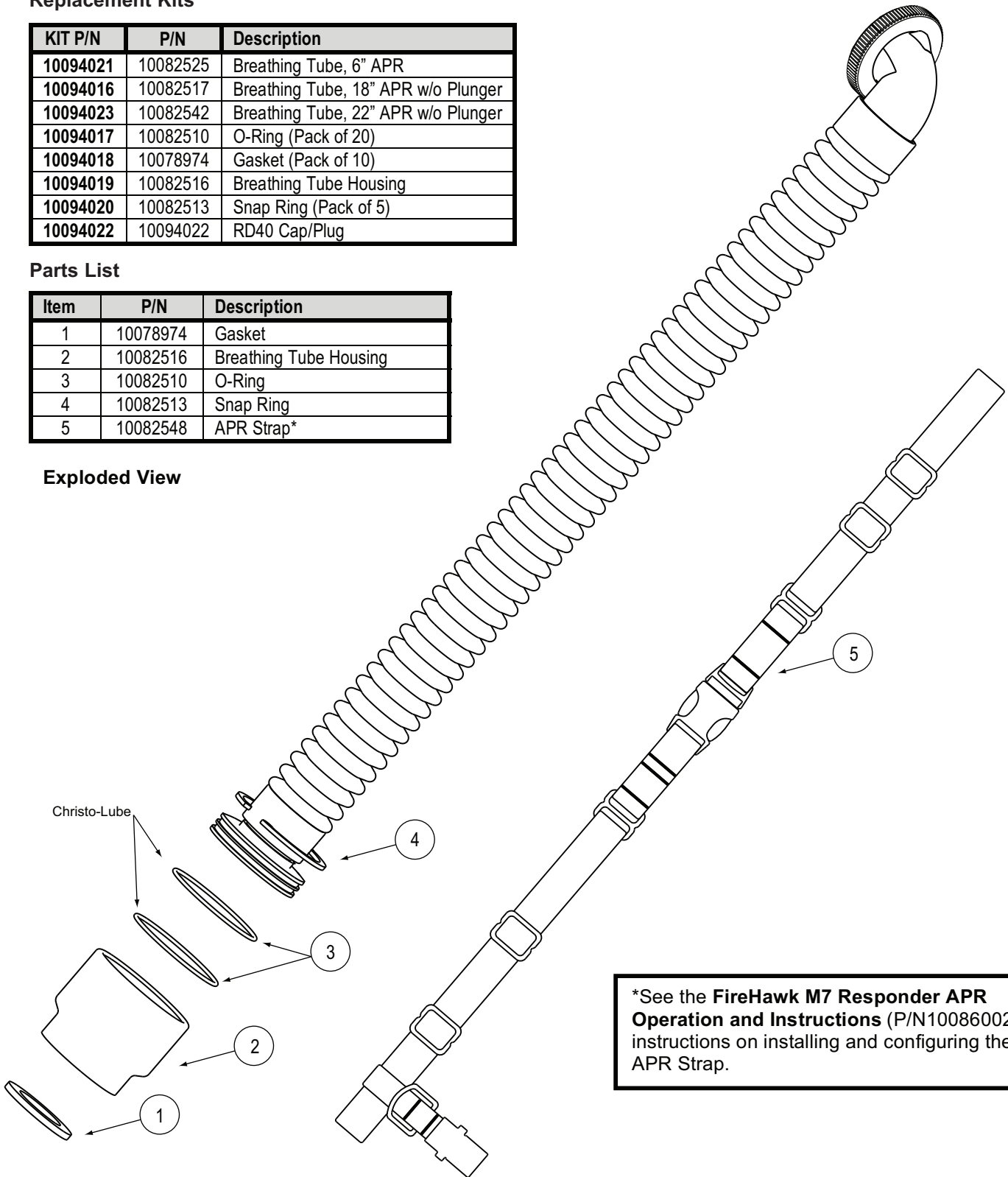
## Replacement Kits

KIT P/N	P/N	Description
10094021	10082525	Breathing Tube, 6" APR
10094016	10082517	Breathing Tube, 18" APR w/o Plunger
10094023	10082542	Breathing Tube, 22" APR w/o Plunger
10094017	10082510	O-Ring (Pack of 20)
10094018	10078974	Gasket (Pack of 10)
10094019	10082516	Breathing Tube Housing
10094020	10082513	Snap Ring (Pack of 5)
10094022	10094022	RD40 Cap/Plug

## Parts List

Item	P/N	Description
1	10078974	Gasket
2	10082516	Breathing Tube Housing
3	10082510	O-Ring
4	10082513	Snap Ring
5	10082548	APR Strap*

## Exploded View



\*See the **FireHawk M7 Responder APR Operation and Instructions (P/N10086002)** for instructions on installing and configuring the APR Strap.

# FIREHAWK M7 RESPONDER APR BREATHING TUBE

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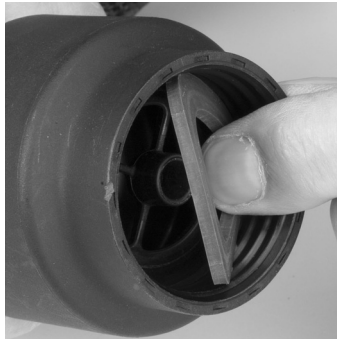
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## DISASSEMBLY

**Note:** Only the gasket, breathing tube housing, o-rings and snap ring are field serviceable.

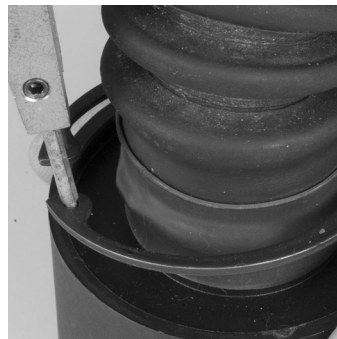
### Removing the Gasket

1. Remove and discard the gasket.



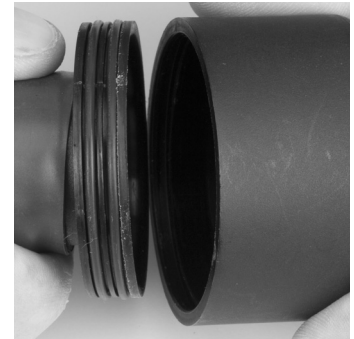
### Removing the O-Rings

1. Use the **Convertible Retaining Ring Pliers** (P/N 627791) to remove the snap ring.

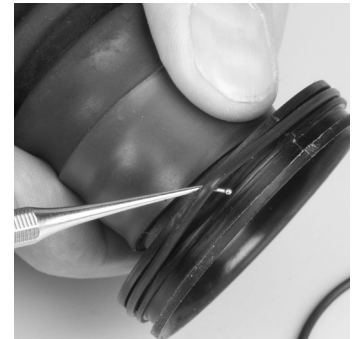


**Note:** Take care to securely grip the snap ring to avoid damage. Replace damaged or broken snap rings.

2. Pull the breathing tube from the breathing tube housing.



3. Use the **O-Ring Removal Tool** to remove both o-rings. Be careful not to scratch the o-ring grooves. Discard the o-rings.



## REASSEMBLY

### Installing O-Rings

O-Ring P/N 10082510

1. Apply a thin film of Christo-Lube lubricant (P/N 604070) to the new o-rings (P/N 10082510).

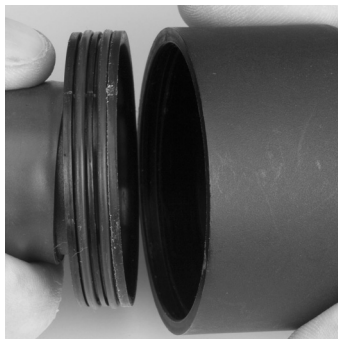
**Note:** To avoid contamination and dirt collection, apply Christo-Lube lubricant to the o-rings immediately before installing the o-rings.

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2. Carefully install the new o-rings.



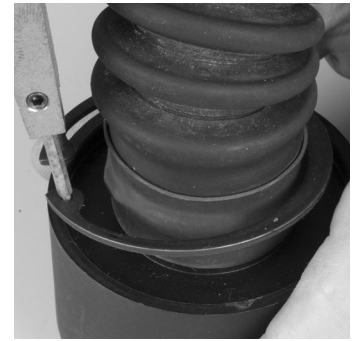
3. Carefully push the breathing tube into breathing tube housing.



**Note:** Visually inspect to ensure o-rings are not cut or moved out of the groove. If o-rings are cut or moved out of groove, discard the o-rings and start again.

4. Use the **Convertible Retaining Ring Pliers** (P/N 627791) to install the snap ring.

**Note:** Take care to securely grip the snap ring to avoid damage. Replace damaged or broken spring clips.



## Installing the Gasket

Gasket P/N 10078974

1. Place a new gasket (P/N 10078974) inside the breathing tube housing.

