

NightFighter® Heads-Up Display System (HUD): AirHawk II® Air Mask

MAINTENANCE AND REPAIR

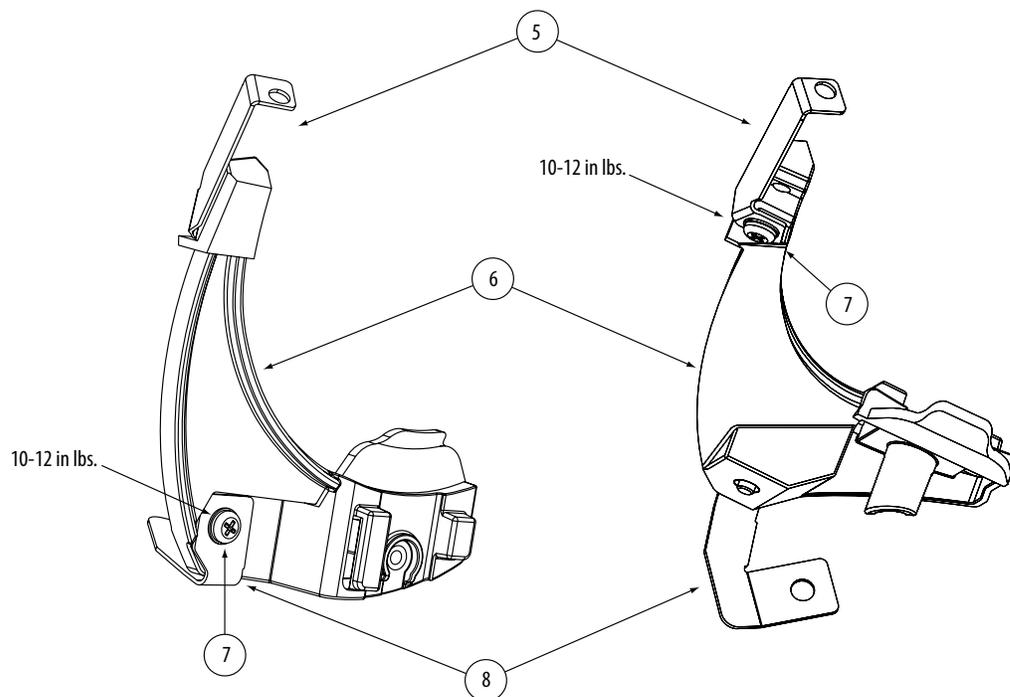
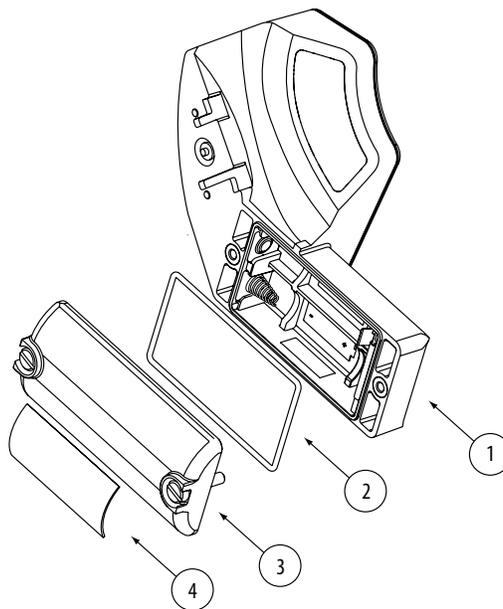
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**MINE SAFETY APPLIANCES COMPANY
PITTSBURGH, PENNSYLVANIA, U.S.A. 15230**

NIGHTFIGHTER HEADS-UP DISPLAY SYSTEM

NightFighter HUD Receiver		
Item	P/N	Description
	10061542	NightFighter Receiver
1	10061714	Receiver
2	10061546	Gasket
3	10061545	Battery Cover
4	10062651	Label
5	10037381	Top Clip
6	10037386	Bracket
7	10068238	Screw (2 required)
8	10037380	Bottom Clip



NIGHTFIGHTER HEADS-UP DISPLAY SYSTEM

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DISASSEMBLY

Removing the NightFighter Heads-Up Display

1. Remove the NightFighter Heads-Up Display from the Ultra Elite® Facepiece. (See **P/N 10035580 for NightFighter Heads-Up Display System Receiver/Transmitter URC Assembly Operating And Maintenance** for instructions)

Disassembling the NightFighter Heads-Up Display

1. Use a slot head screwdriver to unscrew the battery cover screws.



Note: The screws are captive. Do not attempt to remove the screws.

2. Use the O-ring removal tool to remove the gasket.



Note: Discard worn or damaged gaskets.

Removing the NightFighter HUD Bracket

1. Remove the NightFighter HUD bracket from the AirHawk II Ultra Elite Facepiece.

Disassembling the NightFighter HUD Bracket

1. Use a Phillips screwdriver to unscrew the upper clip screw.



2. Use a Phillips screwdriver to unscrew the lower clip screw.



REASSEMBLY

Assembling the NightFighter Bracket

Top Clip 10037381
Bottom Clip 10037380
Screw (2 Req'd) 10068238

1. Use a Phillips head bit on an inch-pound torque wrench to tighten the lower clip screw to 10-12 in.lbs.



NIGHTFIGHTER HEADS-UP DISPLAY SYSTEM

2. Use a Phillips head bit on an inch-pound torque wrench to tighten the upper clip screw to 10-12 in.lbs.



Installing the NightFighter HUD

1. Install the NightFighter Heads-Up Display. (See **P/N 10035580 for NightFighter Heads-Up Display System Receiver/Transmitter URC Assembly Operating And Maintenance** for instructions)

Installing the NightFighter HUD Bracket

Bracket 10037386

1. Install the NightFighter bracket. (See **P/N 10104249, AirHawk II Ultra Elite Facepiece Maintenance and Repair** for instructions)

Assembling the NightFighter HUD

Gasket 10061546
Battery Cover 10061545
Label 10062651

1. Install a new gasket.

Note: Ensure that the gasket is captured fully by the groove. If necessary, use the o-ring removal tool.



2. Install the battery cover.
 - a. Use the inch-pound torque wrench and slot head tip to tighten the screws to 8 - 10 in. lbs.

Note: Alternate screws when tightening. When both screws are equally snug, tighten to specified torque.

