

Work-Line: AirHawk II[®] Air Mask

MAINTENANCE AND REPAIR



For More Information, call 1-800-MSA-2222 or Visit Our Website at www.MSAafety.com

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Work-Line for AirHawkII Air Mask

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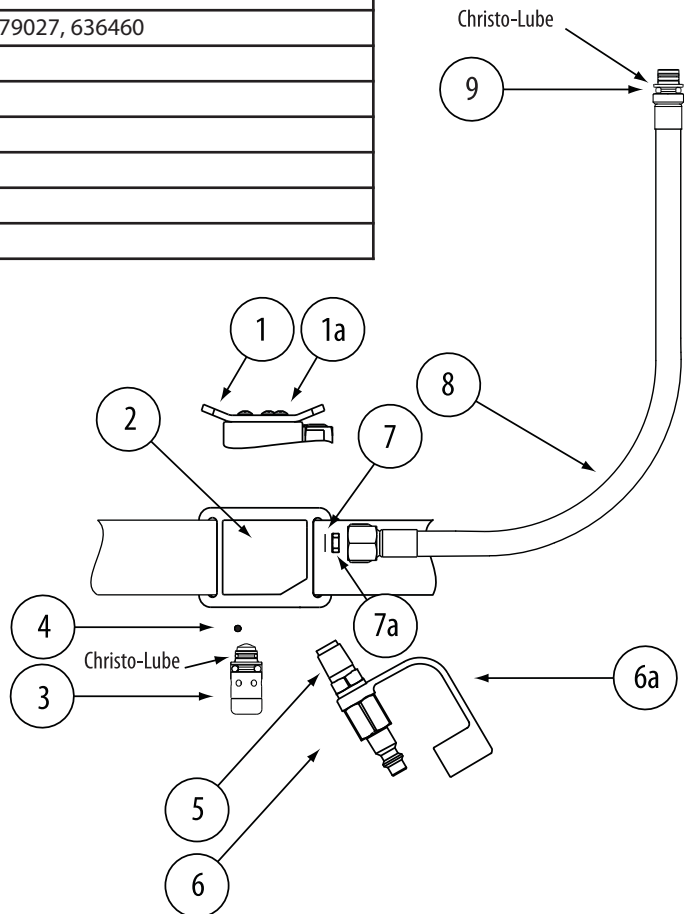
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Parts List

Item	P/N	Description
1	10044300	Plate
1a	10044301	Screw (3 Req'd)
2	10086439	Work-Line Assembly w/ Snap-Tite Aluminum Plug
	10086440	Work-Line Assembly w/Hansen SST Plug
	10086441	Work-Line Assembly w/ Hansen Brass Plug
	10086442	Work-Line Assembly w/ Foster Steel Plug
	10086443	Work-Line Assembly w/ Snap-Tite Locking Aluminum Plug
	10086444	Work-Line Assembly w/ Foster SST Plug
	10114299	Work-Line Assembly w/ Snap-Tite SST Plug
3	10053426	Pressure Relief Valve*
4	10086879	Dowel Pin
5	630326	Check Valve
6	66274	Snap-Tite Aluminum Plug
	473502	Hansen SST Plug
	630313	Hansen Brass Plug
	55716	Foster Steel Plug
	479027	Snap-Tite Locking Aluminum Plug
	636460	Foster SST Plug
6a	813055	Dust Cover for P/N 66274
	634687	Dust Cover for P/N 473502
	486289	Dust Cover for P/Ns 55716, 479027, 636460
7	10048620	Screen
7a	10048631	Screen Retainer
8	10087239	PR14 Hose Assembly*
9	10053273	O-Ring
	28907	Teflon Tape
	604070	Christo-Lube Lubricant

*Includes Back-Up and O-Rings as needed.



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DISASSEMBLY

Disconnecting from the PR14 First Stage Regulator

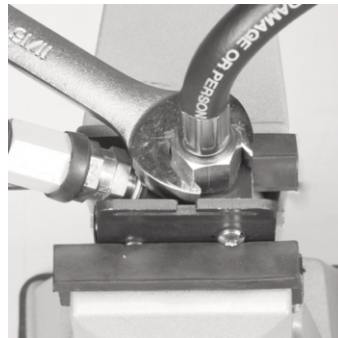
1. Remove the PR14 First Stage Regulator. (See **AirHawk II PR14 First Stage Regulator Maintenance and Repair, P/N 10104220** for instructions)



2. Disconnect the PR14 hose.

Disconnecting the PR14 Hose Assembly

1. Secure the Work-Line Assembly in a vise.

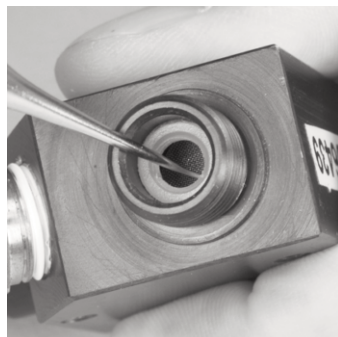


NOTE: Use protective sleeves on the jaws of the vise.

2. Use an 11/16" wrench to unscrew the PR14 hose.

Removing the Screen and Screen Retainer

1. Use the **o-ring removal tool** to remove the screen retainer.



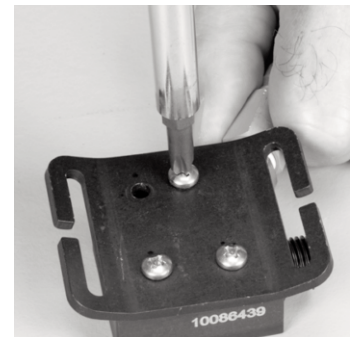
2. Turn the Work-Line assembly over and allow the screen to fall out.



3. Discard the screen.

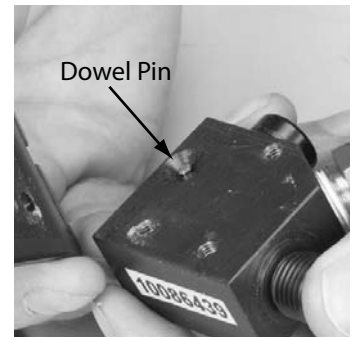
Removing the Plate

1. Use the **Phillips screwdriver** to remove the screws.



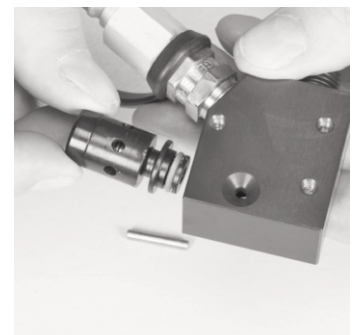
Removing the Pressure Relief Valve

1. Remove the dowel pin.



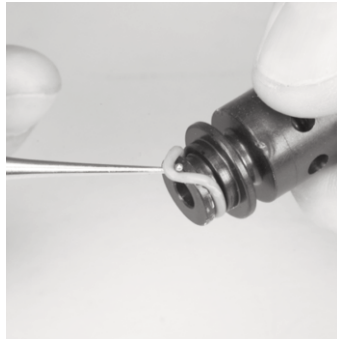
2. Turn the block over and let the dowel pin fall out.

3. Remove the pressure relief valve.



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4. Use the **o-ring removal tool** to remove the o-ring.



NOTE: Be careful not to scratch the o-ring groove.

- a. Discard the o-ring.

Removing the Plug

1. Secure the Work-Line Assembly in a vise.

NOTE: Be careful not to scratch the o-ring groove.

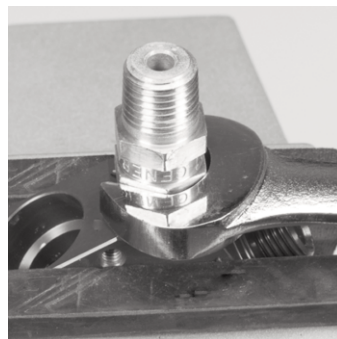
2. Use two **5/8" wrenches** to unscrew the plug.
 - a. Use one wrench to hold the check valve and the other to unscrew the plug.



Removing the Check Valve

1. Remove the plug. (See **Removing the Plug for instructions**)

2. Use a **5/8" wrench** to remove the check valve.



REASSEMBLY

Installing the Check Valve

Check Valve **630326**
Teflon Tape **28907**

1. Secure the Work-Line Assembly in a vise.

NOTE: Use protective sleeves on the jaws of the vise.

2. Apply Teflon tape to both ends of the check valve. (See **AirHawk II Air Mask Maintenance and Repair, Introduction, P/N 10104216** for instructions)

3. Orient the check valve as shown and use the **foot-pound torque wrench and 5/8" crow foot or socket** to tighten to **15-20 ft lbs.**



Installing the Plug

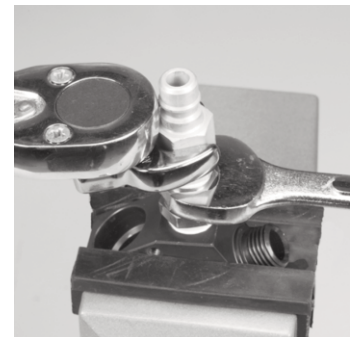
Work-Line Assembly w/ Snap-Tite Aluminum Plug	10086439
Work-Line Assembly w/Hansen SST Plug	10086440
Work-Line Assembly w/Hansen Brass Plug	10086441
Work-Line Assembly w/ Foster Steel Plug	10086442
Work-Line Assembly w/ Snap-Tite Locking Aluminum Plug	10086443
Work-Line Assembly w/ Foster SST Plug	10086444
Work-Line Assembly w/ Snap-Tite SST Plug	10114299
Teflon Tape	28907

1. Secure the Work-Line Assembly in a vise.

NOTE: Use protective sleeves on the jaws of the vise.

2. Install the check valve. (See **Installing the Check Valve for instructions**)

3. Use a **5/8" wrench** to prevent the check valve from turning and the **foot-pound torque wrench and 5/8" crow foot or socket** to tighten the plug to **10-20 ft. lbs.**



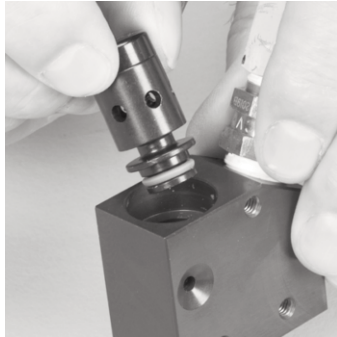
NOTE: For plug, P/N 55716, use an inch-pound torque wrench and 5/8" crowsfoot or socket to tighten the plug to 96-112in.lbs. This applies to Work-Line Assembly P/N 10086442.

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Installing the Pressure Relief Valve

Pressure Relief Valve 10053426
Dowel Pin 10086879

1. Insert a new pressure relief valve.



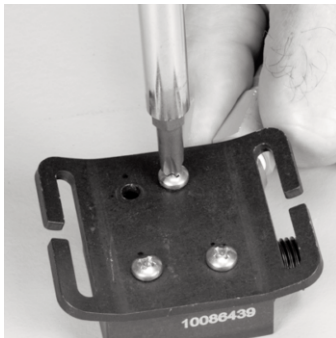
2. Insert the dowel pin



Installing the Plate

Plate 10044300
Screws 10044301

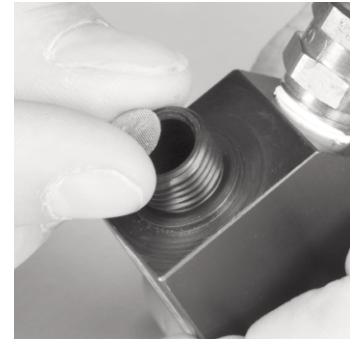
1. Use the **inch-pound torque wrench and Phillips bit** to tighten the screws to 16 ± 2 in lbs.



Installing the Screen and Screen Retainer

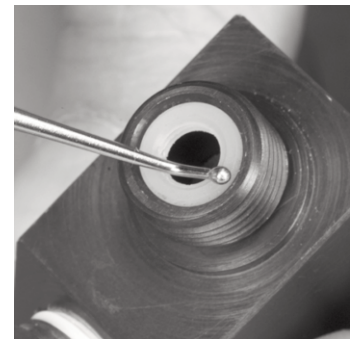
Screen 10048620
Screen Retainer 10048631

1. Install a new screen.



2. Ensure the screen is seated properly.

3. Install a screen retainer.
 - a. Use the **o-ring removal tool** to push the retainer into the Work-Line assembly until it seats.



Connecting the PR14 Hose Assembly

PR14 Hose Assembly 10087239

1. Install a new o-ring.
 - a. Apply a small amount of Christo-Lube to a new o-ring as needed.
2. Secure the Work-Line Assembly in a vise.

NOTE: Use protective sleeves on the jaws of the vise.

3. Use the **inch-pound torque wrench and 11/16" crowfoot** to tighten to 125 ± 5 in lbs.

Connecting the PR14 First Stage Regulator

PR14 Hose Assembly 10087239
O-Ring 10053273

1. Remove the PR14 First Stage Regulator. (See **AirHawk II PR14 First Stage Regulator Maintenance and Repair, P/N 10104220** for instructions).
2. Install a new o-ring as needed.

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3. Connect the PR14 hose assembly.



4. Reinstall the PR14 First Stage Regulator. (See **AirHawk II PR14 First Stage Regulator Maintenance and Repair**, P/N 10104220 for instructions)