



The Safety Company

MSA Corporate Center

1000 Cranberry Woods Drive

Cranberry Township, PA 16066

800.MSA.2222

www.MSAafety.com

User Safety Notice

M1 SCBA Hose Crimp

June, 2023

PLEASE READ NOW AND TAKE ACTION

Dear MSA Customer,

MSA is issuing this User Safety Notice to inform you of a one-time inspection procedure regarding your M1 SCBAs that were manufactured prior to May 8th, 2023.

During assembly operations, MSA identified a small number of instances of medium pressure hoses with uncrimped hose connections. Our records indicate that you purchased one or more units manufactured prior to May 8th, 2023, and this inspection is to verify the proper hose crimping on the medium pressure hoses of the SCBA. Although it is unlikely that a unit in use would exhibit this condition, confirmation of correct assembly is needed.

MSA has not received any reports of customers with this condition. However, it is necessary that you perform the actions outlined in this notice prior to next use.

MSA is advising all users to inspect the medium pressure hoses of their M1 SCBAs to verify all hose ferrules are crimped properly.

Do not use the devices until inspection has been completed.

After verification of correct crimping, devices may be placed back into service.

Inspection Procedure

The inspection must be performed **on your entire stock prior to next use** and is to verify the proper crimping of the medium pressure hoses of your SCBA. Appearance and geometry of crimped and uncrimped hose ferrules are shown in Figure 1.

1. Visually inspect each end of the potentially affected hose assemblies to confirm the ferrules of the hose fittings have been crimped.
2. If any end is not crimped, remove the unit from service, isolate in quarantine, and contact MSA for a replacement hose assembly.

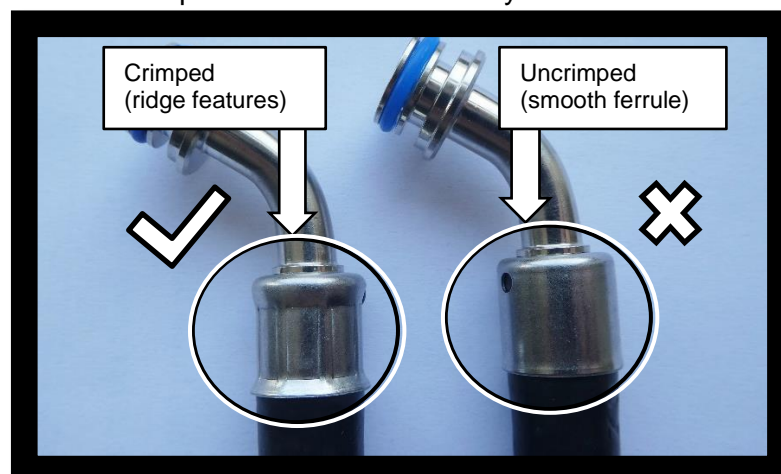


Figure 1 – Hose Crimp Geometry



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Identifying Inspection Locations

The M1 is a modular system, with many available configurations. Depending on unit configuration, your unit may not have all of the connections shown in Figure 2, and may vary in appearance. Inspection needs to be conducted on the following 3 areas of the unit:

1. 2nd Stage Regulator (LGDV) Hose Assembly
2. 1st Stage Regulator Connections
3. Medium Pressure Couplings (if equipped)

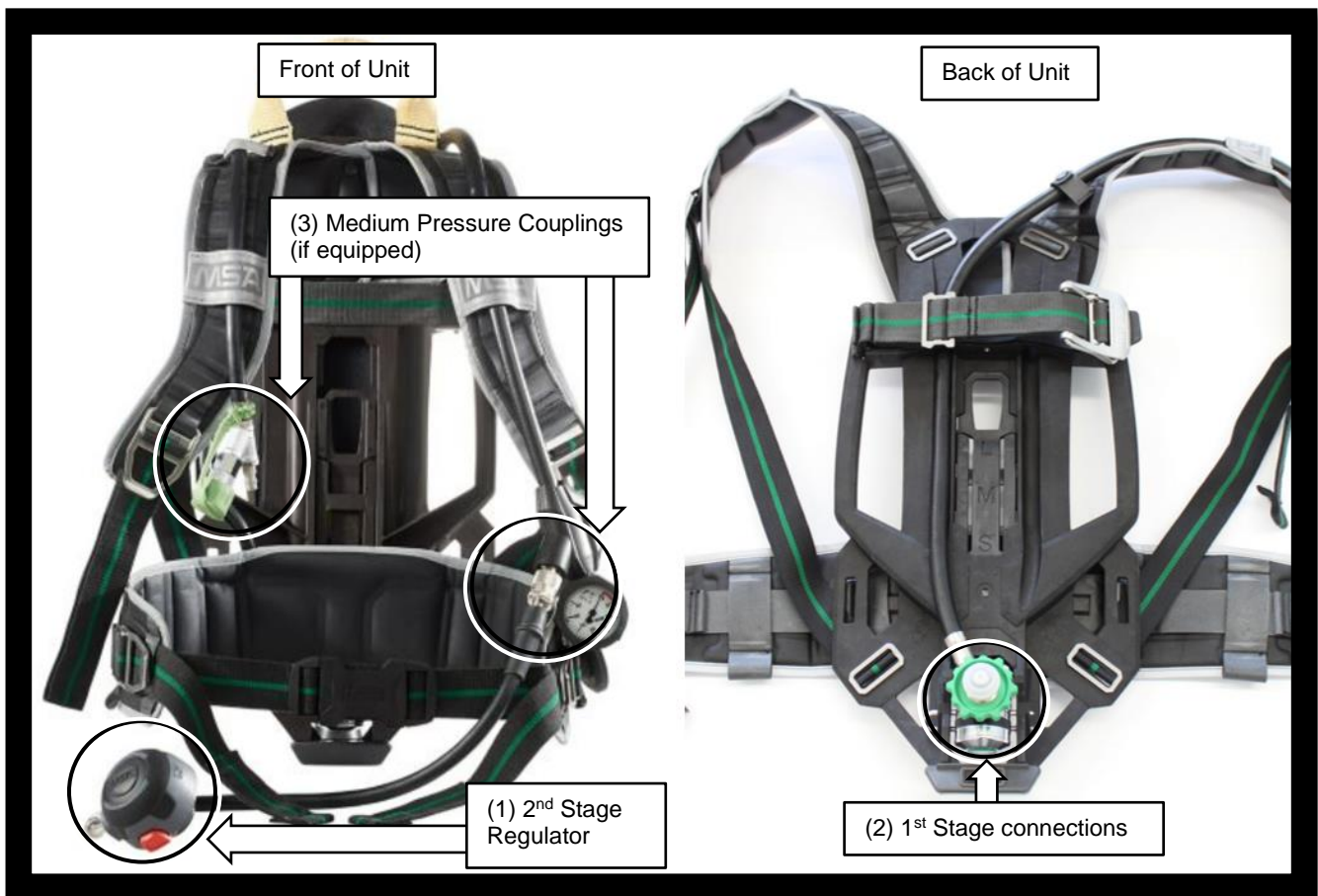


Figure 2 – M1 SCBA Inspection Locations

Additional detail for each inspection area is shown in the following figures.



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1. 2nd Stage Regulator (LGDV) Hose Assembly (Figure 3)
 - a. Side A - All Configurations connect to LGDV
 - b. Side B – Only Fixed Configurations connect at the 1st Stage regulator

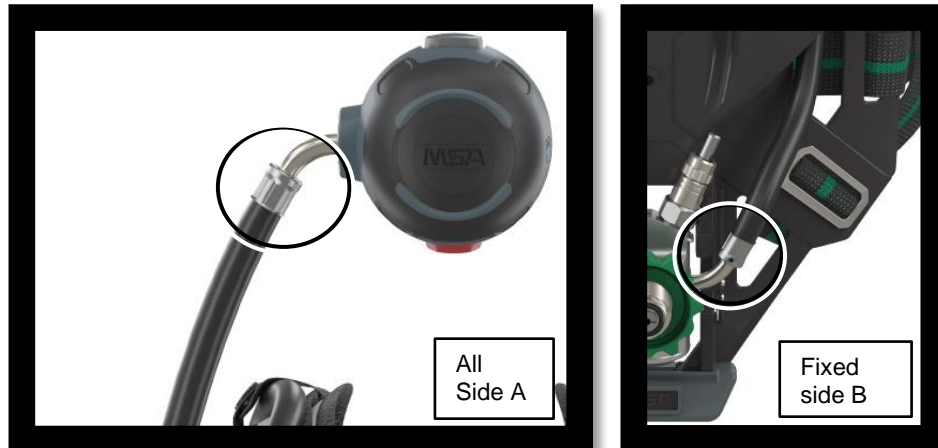


Figure 3 – 2nd Stage Regulator Hose Inspection

2. 1st Stage Connections (Figure 4)
 - a. Quantity of side port connections varies with configuration. Inspect all side port connections that are present.



Figure 4 – 1st Stage Connection Inspection



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3. Medium Pressure Couplings (if equipped) (Figure 5)
 - a. Classic configurations
 - b. Rescue lines
 - c. (move dust cap if needed to inspect crimp)

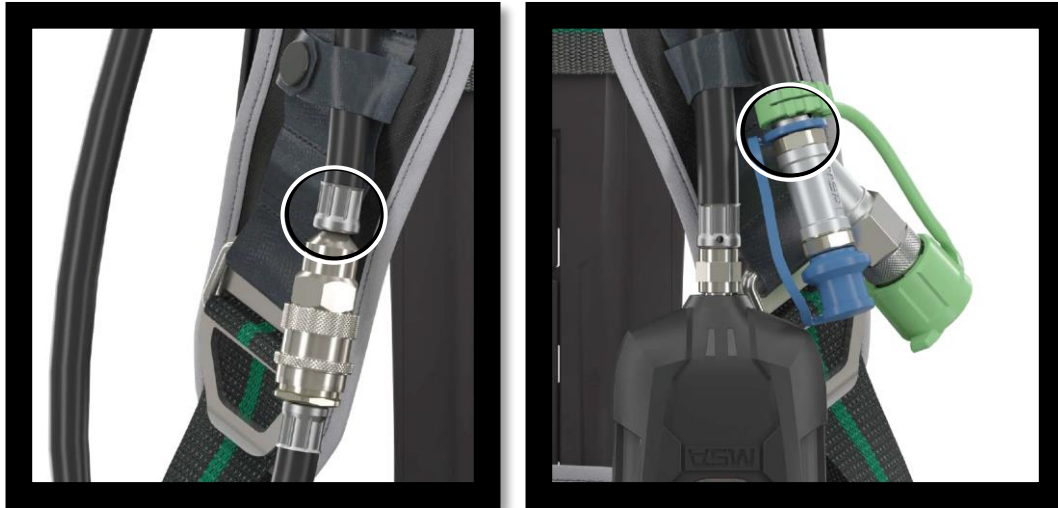


Figure 5 – Medium Pressure Coupling Inspection

MSA Customer Service Contact Information

If you have any questions regarding this User Safety Notice and for any required replacement parts, please contact us as shown below:

European Customers: Email us at ProductUserNotice@msasafety.com or contact your local MSA customer service representative

International Customers: Contact your local MSA customer service representative.

We apologize for any inconveniences that this may cause; however, your safety and continued satisfaction with our products is important to us.

Issued by: Adam Troup
Product Safety Manager
on behalf of MSA Europe GmbH