

**DLX PADDED SUSPENSION KIT
APOLLO 600
O. M. 25291**

**MC FILE NUMBER: 2347-0708
DATE OF ISSUE: 05/09
REVISION:**

⚠ WARNING

Do not proceed with these instructions until you have READ the orange cover of this MANUAL and YOU UNDERSTAND its contents. * These WARNINGS are included for the health and safety of the operator and those in the immediate vicinity.

***If you are using a Clemco Distributor Maintenance and Part Guide, refer to the orange warnings insert preceding the Index before continuing with the enclosed instructions.**

Electronic files include a Preface containing the same important information as the orange cover.

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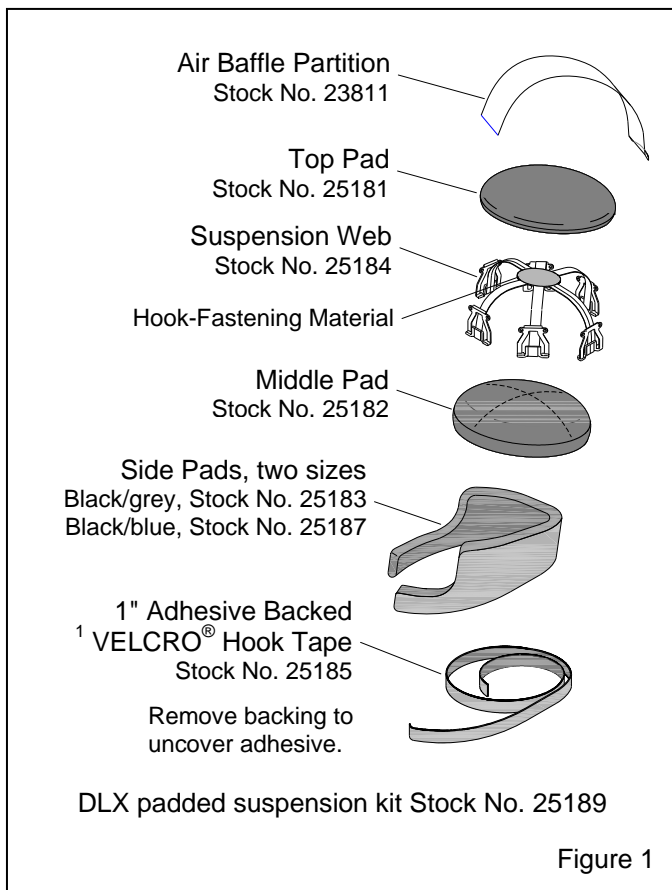
1.0 INTRODUCTION

1.1 These instructions explain how to install the padded suspension in an Apollo 600 respirator. Refer to Section 2.0 on this page to replace existing padding, or refer to Section 3.0 beginning on page 2, to convert from the web suspension to the padded suspension. Kit items are shown in Figure 1. The padded suspension kit comes with two side pads of different thickness.

Black/Grey (Standard): fits most head sizes.

Black/Blue: fits smaller head sizes.

Use these instructions along with the respirator owner's manual.



2.0 REPLACING SUSPENSION PADS

2.1 Remove Old Suspension Pads

2.1.1 Remove the breathing tube and cape.

2.1.2 All pads are held in place with strips of adhesive backed, hook-fastener material. Remove the side and middle pads by pulling them free of the hook-fastener strip.

2.1.3 Remove the suspension web, by extracting the plastic tabs from the mounting slots in the helmet shell.

While holding the top pad in place, pull the webbing to separate it from the top pad.

2.1.4 To remove the top pad, hold the air baffle in place, and pull the pad to separate it from the baffle.

2.1.5 Inspect the chin strap. Replace if are worn or damaged, before installing the new suspension.

2.1.6 Inspect the metal suspension clips located on the helmet's suspension mounts. Replace them if they are loose or missing.

2.2 Install New Suspension Pads

2.2.1 Make sure the air baffle is positioned correctly before installing the top pad. The front edge of the baffle should be over the window gasket. **Refer to Sections 3.3 and 3.4 to apply hook tape to a new air baffle.**

2.2.2 Align the top pad and press the center of the pad to secure it to the hook-tape in the middle of the baffle.

2.2.3 Place the suspension web under the chin strap, and then secure the suspension by inserting the plastic tabs into their respective mounts; the tabs with the stripe on the strap go on the side mounts. The tabs must fully seat in the mounts.

2.2.4 Position the middle pad so the elastic cord is toward the back, and the center of the pad is centered to the suspension web. Press the pad to engage the hook-fastener material. Try on the helmet and reposition the pad as needed.

2.2.5 The padded suspension kit comes with two side pads of different thickness.

Black/Grey (Standard): This pad fits most head sizes.

Black/Blue: This pad fits smaller head sizes.

Note: Place the grey or blue (Velcro® receptive) sides of the pads against the helmet shell. The black sides face the operator's head.

2.2.6 Install the black/grey pad and try on the helmet for fit. If the helmet fits too loosely, replace the standard pad with the thicker, black/blue pad. Reposition as needed to follow the contour of the helmet shell.

2.2.7 Reattach the cape and accessories.

¹ VELCRO® refers to VELCRO® brand hook and loop fastener
VELCRO® is a registered trademark of VELCRO Industries B. V.

3.0 CONVERTING to PADDED SUSPENSION

3.1 Remove Old Suspension and Sweatband

3.1.1 Remove the breathing tube, cape, and old web suspension.

3.1.2 Remove the two side acoustical pads from inside the helmet.

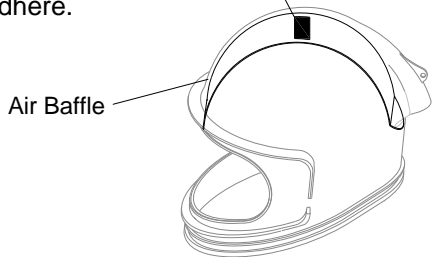
3.1.3 Inspect the metal suspension clips located on the helmet's suspension mounts. Replace them if they are loose or missing.

3.1.4 Inspect the chin strap if worn or damaged, replace it before installing the new suspension.

3.2 Position Top Pad; Refer to Figure 2

3.2.1 Make sure the air baffle is positioned correctly before installing the top pad. The front edge of the baffle should extend over the window gasket.

3.2.2 Cut a 2" strip of hook tape. Remove backing, and position the tape at the highest spot on the underside of the baffle and apply pressure to adhere.



3.2.3 Align the top pad and press the center of the pad to secure it to the hook-fastener strip in the middle of the baffle.

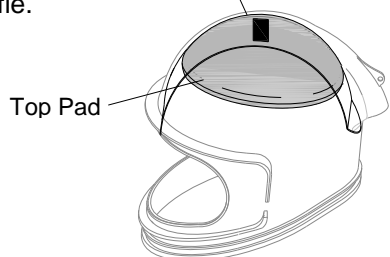


Figure 2

3.3 Install Suspension Web; Refer to Figure 3

3.3.1. Position the suspension straps under the chin strap (not shown).

3.3.2 Secure the suspension web by inserting the plastic tabs into their respective helmet shell mounts; the tabs with the stripe on the strap go on the side mounts.

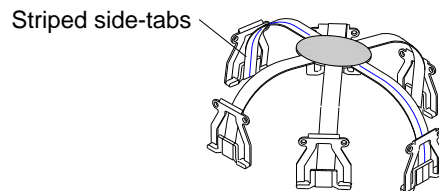


Figure 3

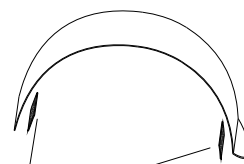
3.4 Install Middle Pad; Refer to Figures 4 and 6

3.4.1 The illustration is shown without the helmet for clarity. Make sure the baffle remains in place inside the helmet.

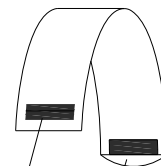
3.4.2 Cut two 2" strips of hook tape.

Side view of air baffle

Front view of air baffle



Hook Fastener Tape

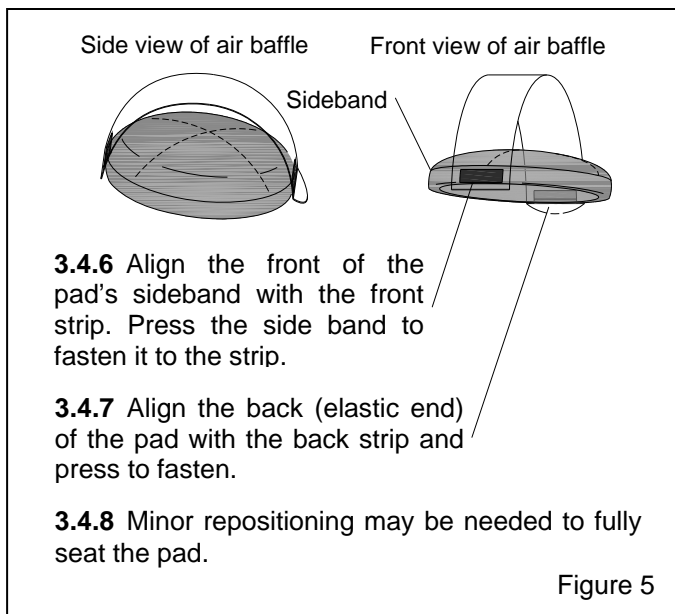


3.4.3 Remove the backing from one strip and center it on the front inward side of the air baffle, approximately 1" from the front edge.

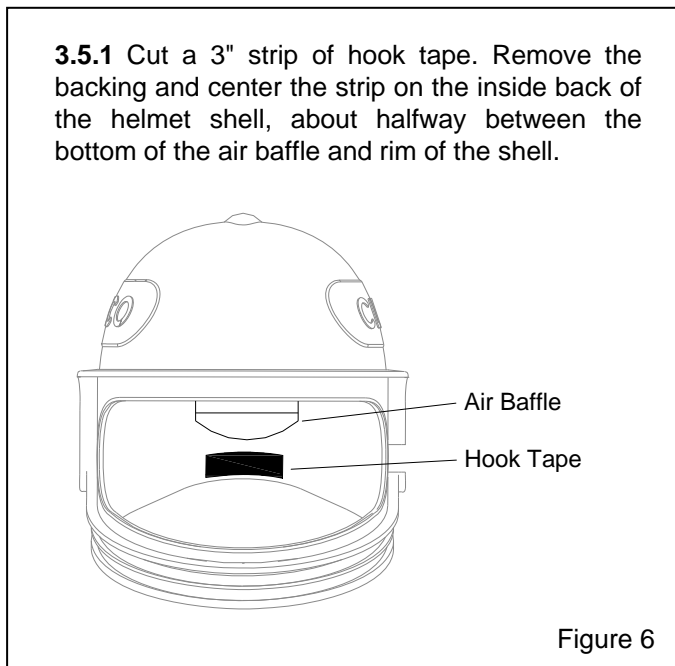
3.4.4 Remove the backing from the other strip and center it on the rear inward side of the air baffle, aligning the bottom edge with the break (bend) in the baffle.

Figure 4

3.4.5 Align the middle pad so the elastic cord is toward the back, and the center of the pad is centered to the suspension web (not shown).



3.5 Install Side Pad; Refer to Figures 6, 7 & 8

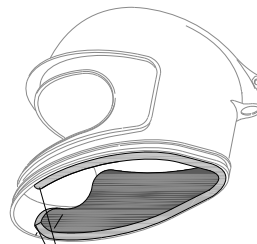


3.5.2 The suspension kit comes with two side pads of different thickness.

Black/Grey (Standard) Side Pad: This pad fits most head sizes.

Black/Blue: This pad fits smaller head sizes.

3.5.3 Temporarily fasten the center of the side pad to the hook tape at the back of the helmet. Position the side pad as shown.



3.5.4 Pull back front of pad and mark both sides of the shell approximately 1" from the front of the pad.

Figure 7

3.5.5 Cut two 11" strips from the remaining hook tape and keep the rest in reserve.



3.5.6 Apply the front edge of one 11" strip at the mark on the shell approximately 1/4" to 1/2" from the lower rim.

3.5.7 Apply the other 11" strip to the opposite side.

Figure 8

3.5.8 Place the standard, black/grey side pad inside the helmet. Note: Place the grey or blue (Velcro® receptive) sides of the pads against the helmet shell. The black sides face the operator's head. Try on the helmet for fit. If the helmet fits too loosely, replace the standard pad with the thicker, black/blue pad. Reposition as needed to follow the contour of the helmet shell.

3.5.9 Cut pieces from the reserve strip and place where and if needed to further secure the side pad.

3.5.10 Reattach the side pad, cape and accessories.

4.0 Refer to the owner's manual for liner inspection and maintenance.