



Kirby Morgan Dive Systems, Inc.®

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Part #525-746

Replacement Foam Kit for P/N 510-754 Head Cushion

Part #	Description	Qty
510-758	Foam, Right Side	1
510-763	Foam, Left Side	1
510-744	Foam, Top	2
510-832	Foam, Neck Pad	2
510-830	Foam, Top	1
510-667	Foam, Chin Cushion	1

NOTE: The foam supplied in this kit fits only the head cushion, P/N 510-754, and chin cushion, P/N 510-683.

Removal:

1. Remove the head cushion P/N 510-754 from the helmet.
2. Open the Velcro® or zipper on the head cushion and remove the old foam. Clean out any old foam particles.

Clean and Inspect:

1. Clean the head cushion bag using a mild soap and water. Rinse the head cushion thoroughly and hang dry.
2. Inspect the head cushion bag to ensure that there are no rips or tears in the materials and that the sewing and Velcro® or zipper are still in good working condition. Replace if needed; order head cushion bag (P/N 510-722).

Stuffing:

1. Read the “head cushion adjustment” section below these instructions **FIRST**.
2. Compare the new head cushion foam to the old foam and trim for adjustment.
3. Stuff the head cushion.

Head Cushion Adjustment:

Fit test (follow these instructions if refitting or re-sizing the head cushion (P/N 510-754).

NOTE: The head cushion system consists of three separate components. The head cushion (P/N 510-754), the

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head cushion foam spacer (HCFS kit P/N 525-745) and the chin cushion (P/N 510-683)

1. Snap the chin cushion in place on the helmet.
2. Start with a new head cushion, P/N 510-754. Snap the head cushion into the helmet and try the helmet on.

NOTE: For divers with smaller sized heads, install the head cushion foam spacer (HCFS, P/N 525-745) before installing the head cushion into the helmet.

NOTE: Make sure the neck pad on the locking collar is adjusted correctly and also check the fit of the head cushion with the locking collar in the closed position.

Foam Stuffing Tips:

1. There are a number of ways to stuff the head cushion. Different combinations of foam can be set up and foam can be trimmed depending on desired fit.
2. The neck pad foam P/N 510-832 can go on either side of the top foam P/N 510-830, against the neck or against the helmet shell.
3. The neck pad foam P/N 510-832 can also be removed, if desired.



Figure 1

4. 1 or 2 pieces of top foam may be used.
See figure 1

5. The “egg shell” side of the left & right side foams usually faces outward against the helmet shell. *See figure 2*



Figure 2



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Foam Trimming tips:

NOTE: The side foams do not have ear holes. This is intentional. Ear holes may be cut in if preferred. Trim Foam for adjustment.



Figure 3

The tips of the “egg shell” side can be trimmed off if the side foams are too tight. *See figure 3*

Using the attached template (see back page) for general size and location, mark the desired area for cut out. *See figure 4*



Figure 4



Figure 5

Trim the ear hole into the foam using the guide line made from the Ear Hole Template.

See figure 5

⚠ CAUTION

Use only KMDSI original replacement parts. The use of other manufacturers' parts will interfere with the performance characteristics of your life support equipment and may jeopardize your safety. Additionally, any substitutions will void any warranties offered by KMDSI. When ordering spares, always insist on Kirby Morgan Genuine Parts.



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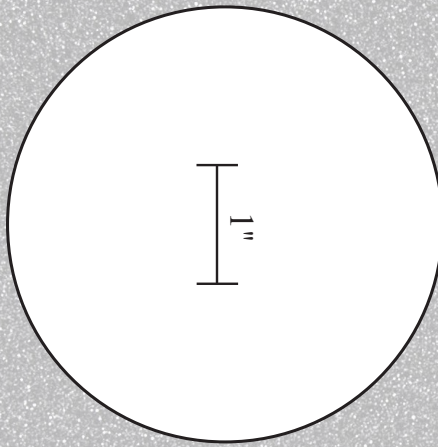
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Kirby Morgan®

Head Cushion Side Foam (L & R)

Ear Hole Trim Template

NOTE: The hole location and size are provided only as a general reference. The size and location can be changed to suit the individual.



- 1) Cut out template.
- 2) Match template to lower portion of head cushion side foams.
- 3) Mark hole using a felt tip pen.
- 4) Trim holes in foam.