



Kirby Morgan Dive Systems, Inc.®

1430 Jason Way Santa Maria, California 93455

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Part #525-746 Replacement Foam Kit for P/N 510-750 and 510-754 Head Cushions, 510-683 Chin Cushion and 510-837 Head Cushion Foam Spacer Assembly

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



The foam supplied in this kit fits only P/N 510-750 and 510-754 Head Cushions, 510-683 Chin Cushion and 510-837 Head Cushion Foam Spacer Assembly.

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

3. Clean the head cushion bag using a mild soap and water. Rinse the head cushion thoroughly and hang dry.
4. 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

5. Read the “head cushion adjustment” section below these instructions first.
6. Compare the new head cushion foam to the old foam and trim for adjustment.
7. Stuff the head cushion.



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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 510-750 or 510-754), the head cushion foam spacer (HCFS kit P/N 525-745) and the chin cushion (P/N 510-683)

8. Snap the chin cushion in place on the helmet.

9. 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

10. 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.

11. 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.

12. The neck pad foam P/N 510-832 can also be removed, if desired.



13. 1 or 2 pieces of top foam may be used.



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14. The “egg shell” side of the left & right side foams usually faces outward against the helmet shell.

Foam Trimming



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



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

Trimming the Side Foams for the SL 27® Helmet



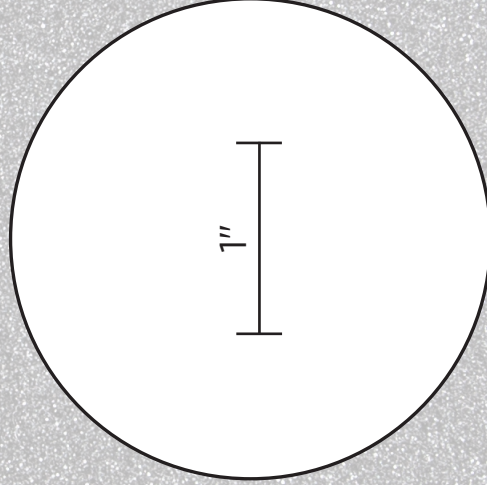
15. Cut off the front lower corner of the side foam using scissors on both sides, left and right. When using a P/N 510-690 or P/N 510-747 Oral Nasal, cut $\frac{3}{4}$ inch (1.9 cm), and for P/N 510-724 Low Volume Oral Nasal, cut $1\frac{1}{2}$ inches (3.8 cm).

KIRBY MORGAN
Head Cushion Side Foam (L & R)
EAR HOLE TRIM TEMPLATE



NOTE

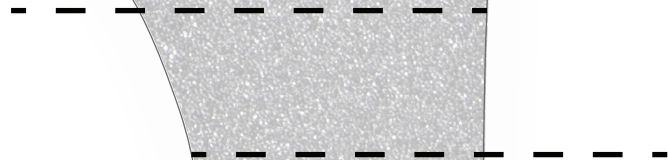
The hole location and size are provided only as a general reference. The size and location can be changed to suit the individual.



SL 27 ONLY

LVON

1 1/2 inches (3.8 cm)



SL 27 ONLY

P/N 510-690 or 510-747 Oral Nasals

3/4 inches (1.9 cm)

- 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.