

VIBRATING PILLOWS

These vibrating pillows are gentle, interesting and stimulate curiosity. There are many ways they can be used and, when adapted as shown, the vibrating action is controlled by the child. Pillow A is tubular and is activated by a switch on the end. Pillow B is flat and has straps to attach to the child.

Materials needed for Pillow A:

- A vibrating pillow, 5" diameter x 12" long with built in switch on one end. Obtain from a hospital or medical supply store or from Hyman Products Company, Inc., PO Box 1592, Maryland Heights, MO 63043. Telephone (314) 991-4241.
- Adaptive switch from Lekotek Plan Book of Adaptive Toys
- Connecting cord with a plug at each end from Lekotek Plan Book of Adaptive Toys
- Radio Shack jack #274-251
- 18 gauge stranded wire
- Solder
- 1/16" thick x 1 1/2" x 1" Lexan (polycarbonate) plate
- 1/2" O.D. x 1/2" long Lexan tubing
- Plastic cement or Superglue
- Two small pop rivets

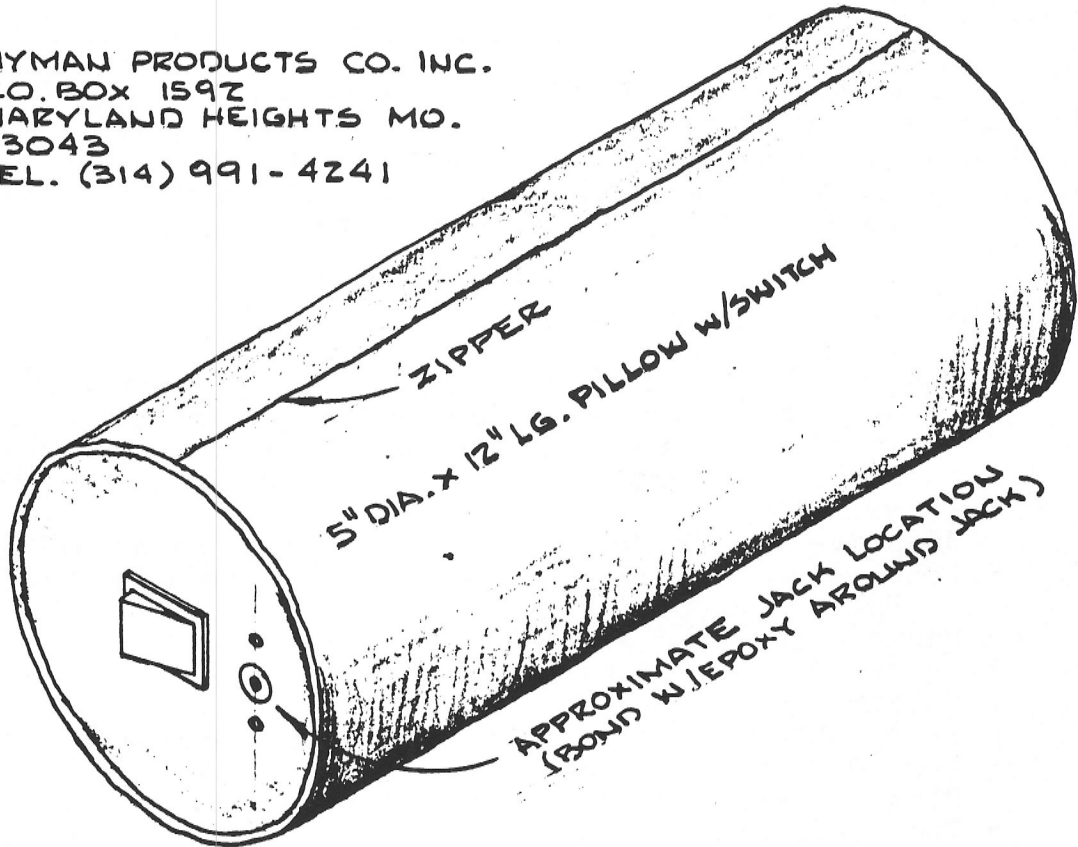
Tools needed for Pillow A:

- Drill, size of Radio Shack jack #274-251
- Wire cutters
- Soldering iron
- Pop riveting tool

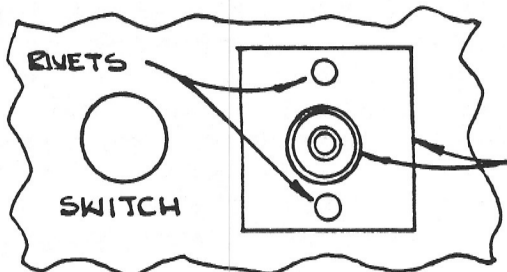
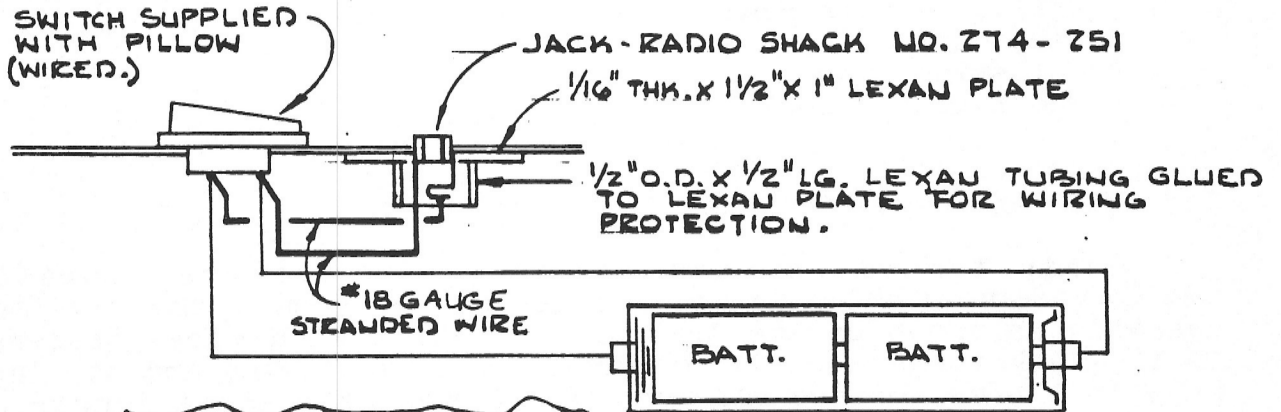
Construction suggestions for Pillow A:

Unzip the pillow and carefully remove the vibrator mechanism, noting how it was located in the foam. Make up a jack assembly as shown on the drawings on page 2 with wires soldered to the jack terminal. Cut or drill two rivet holes and the jack hole in the end of the pillowcase. Cement the short length of Lexan tubing to the plate as shown in the drawing on page 2. Assemble the plate and jack as shown and pop rivet to the pillowcase end. Reassemble the vibrator into the foam and reinsert into the pillowcase. Using a Lekotek connecting cord with a plug on each end, plug into the pillow and into any of the Lekotek switches that the child has been taught to operate. When replacing batteries, remove and replace the plastic sleeve around the batteries.

HYMAN PRODUCTS CO. INC.
P.O. BOX 159Z
MARYLAND HEIGHTS MO.
63043
TEL. (314) 991-4241



VIBRATING PILLOW A



INSTALLATION VIEW FROM INSIDE OF PILLOW CASE



JACK WIRING DIAGRAM

LEXAN PLATE & TUBING SECURED WITH RIVETS TO PILLOW CASE.

NOTE:

WIRING SHOWN IN HEAVY LINES IS NEW.
ALL CONNECTIONS ARE SOLDERED

Materials needed for Pillow B:

- A vibrating pillow, 11" square. See "Materials needed for Pillow A" for address
- Adaptive switch from Lekotek Plan Book of Adaptive Toys
- Connecting cord with plug at each end from Lekotek Plan Book of Adaptive Toys
- Radio Shack jack #274-251
- 18 gauge stranded wire
- Solder
- 1 3/4" x 1 3/4" piece of needlepoint plastic (craft store)
- 1/16" thick x 1 1/4" diameter Lexan disc
- Two pieces 1" wide x 14" long nylon web belting
- Two pieces 1" wide x 10" long nylon web belting
- Two pieces 1" wide x 4" long Velcro
- Plastic cement or Superglue
- Thread

Tools needed for Pillow B:

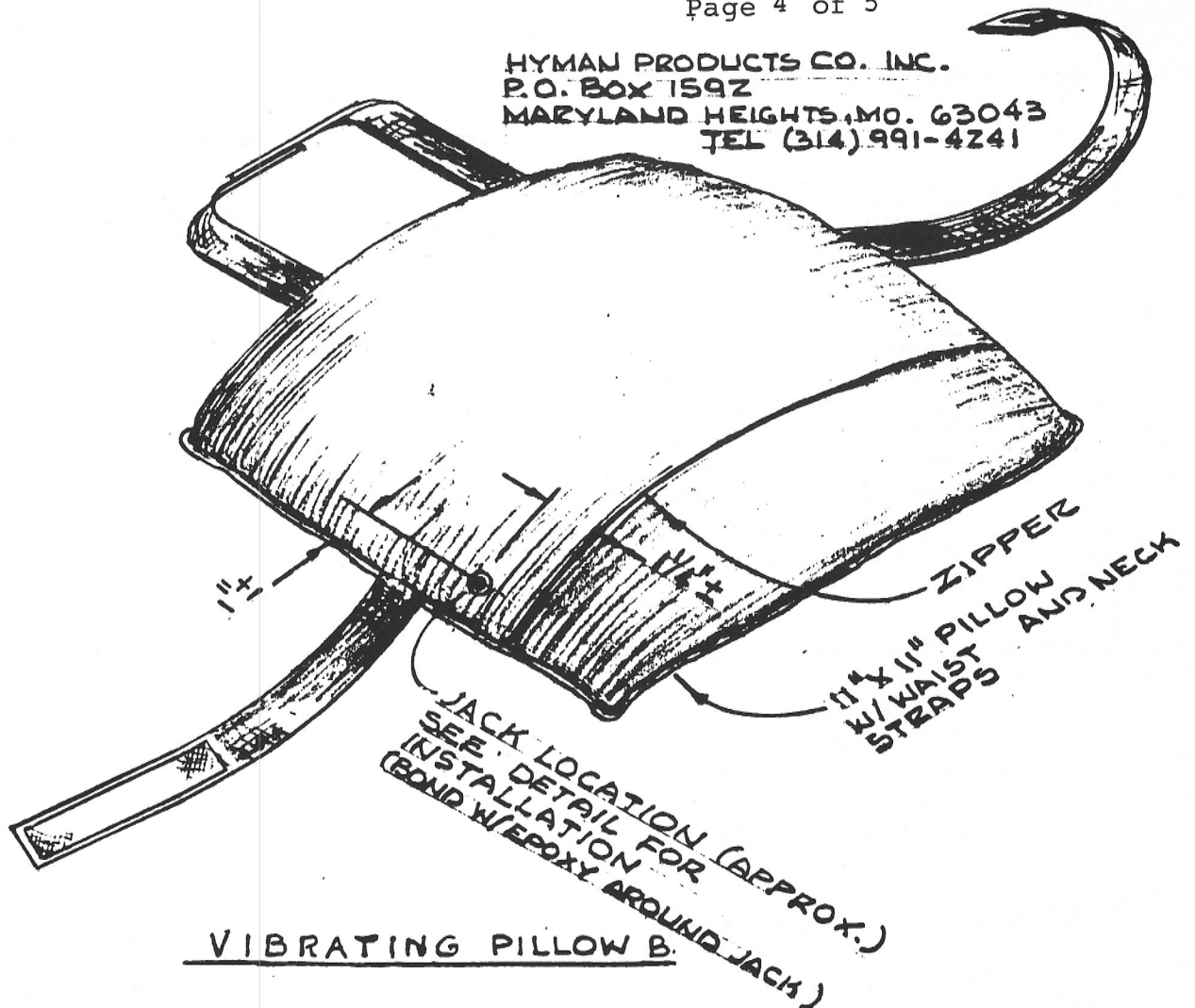
- Scissors
- Wire cutters
- Soldering iron
- Needle
- Sewing machine

Construction suggestions for Pillow B:

Open the zipper on the pillow and carefully remove the inner foam shape with the vibrator, noting how it was assembled in the pillowcase. Make up the jack assembly as shown on page 4. Drill or cut a hole in the piece of perforated needlepoint plastic for the jack to poke through. Locate where the jack is to extend through the pillow and cut a hole for the jack. Put a bit of glue around the inside of the hole to limit raveling. Sew the perforated needlepoint plastic onto the inside of the pillowcase so the jack holes match. Solder the jack assembly wires to the vibrator wires and to the tabs under the original switch as shown in the drawing. Carefully reassemble with the jack protruding through the pillowcase.

Cut the webbing to the proper length. Hold each end over a lighted match for 5 to 10 seconds to melt the threads together. This will eliminate raveling. Sew the 4" pieces of Velcro to the webbing and then the webbing to the pillow as shown in the drawing. One set of straps goes around the child's neck and the other around the child's upper body.

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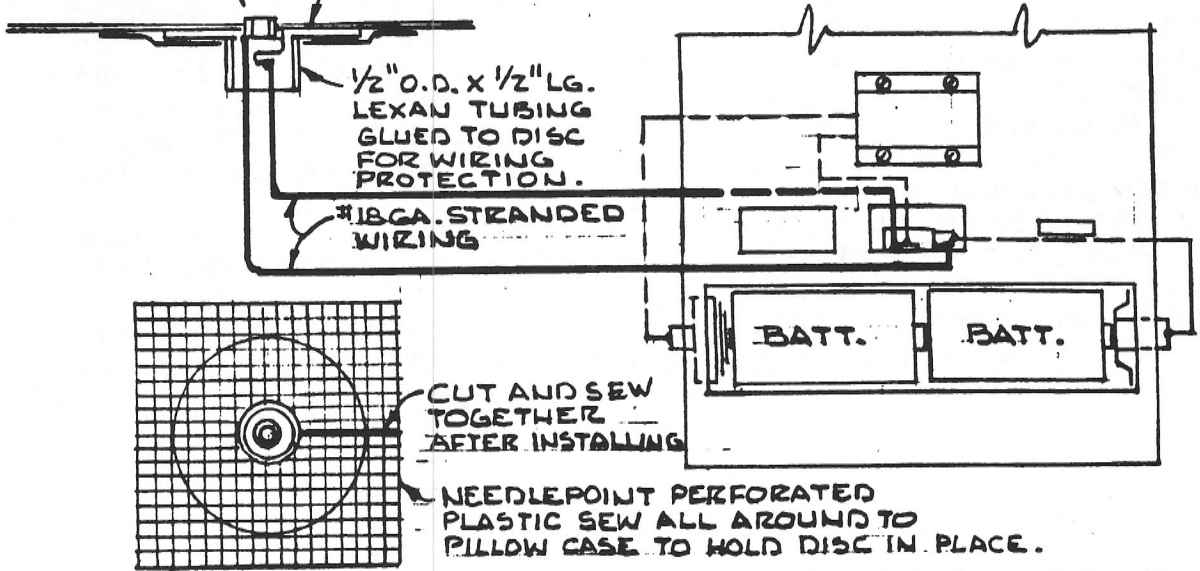


VIBRATING PILLOW B.

JACK - RADIO SHACK No. 274-251

1/16" THK. X 1/4" DIA. LEXAN DISC.
3/8" DIA. HOLE INSIDE DISC.

NOTE:
WIRING SHOWN IN HEAVY
LINES IS NEW
SOLDER ALL CONNECTIONS



INSTALL. VIEW FROM INSIDE
OF PILLOW CASE

JACK WIRING DIAGRAM DETAIL

Use a Lekotek connecting cord with a plug on each end to plug into the pillow jack and into the jack of one of the smaller Lekotek switches. The child can operate the pillow by closing the switch. Usually the child is delighted to find that the pillow will turn itself on without using the switch (when she's wearing it) if she hugs herself against someone. When replacing batteries, also remove and replace the plastic sleeve around the batteries.