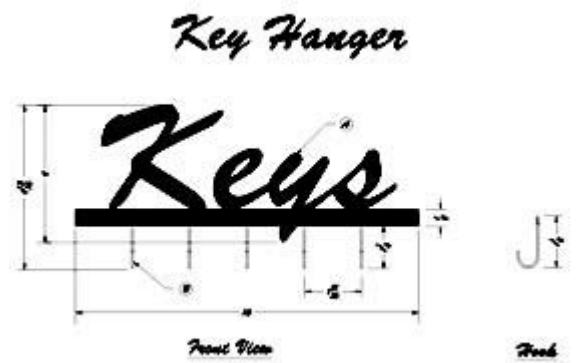


This creative wooden wall key holder is the perfect way to organize your keys. It features five hooks for easy access to house, garage, car, boat or motorhome keys. This is a simple scroll saw project that young and older adults can enjoy and find success in making.



. Materials List:

QUANTITY	LETTER	NAME	SIZE	MATERIAL
1	A	Key Board	1/2" x 4" x 10"	Walnut
5	B	Key Hooks	1 1/2"	Metal

B. Pattern:

1. Scale the key board (A) to the drawing dimension size. This can easily be accomplished by measuring the print out and dividing that size into the dimension size. This will give a multi-factor that can be used to figure the enlargement size for the pattern. Most companies that do duplicating can make the enlargement required for the pattern.
2. Transfer the pattern enlargement onto poster board, and use a pair of scissors and an exacto knife to cut out the pattern.

C. Cutting Procedures:

1. Plane a 5" x 11" walnut board to 1/2" thick.
2. Trace the pattern on the board.
3. Use a [drill press](#) and a 3/16" drill bit to drill holes in the enclosed areas of the design.
4. Use a [scroll saw](#) to cut the exterior shape of the key board (A).
5. Insert the scroll saw blade in each of the holes previously drilled and cut out the interior areas of the key board (A).
6. Place the key board (A) bottom edge up in a bench clamp, and measure the centers for the key hooks (B). These should be spaced approximately 11/16" O.C.
7. Use a portable hand drill and a 1/32" drill bit to drill holes for the key hooks (B). These holes should 1/4" deep.

D. Sanding Procedures:

1. Rough sand the key board, by hand, with 80 grit sand paper.
2. Intermediate sand the key board, by hand, with 120 grit sand paper.
3. Finish sand the key board, by hand, with 220 grit sand paper.
4. Slightly round all corners.
5. A small stick of wood wrapped with sand paper may be needed to sand the interior shapes. A small file, if available, could also be used.

E. Finish Procedures:

1. Use plastic wood dough to fill any imperfections.
2. Hand sand the wood dough with 220 grit sand paper after it is dry.
3. If stain is desired, apply with a brush and allow to penetrate for 5-10 minutes, and then remove with a clean rag.
4. Apply a clear finish coat such as Varathane, Polyurethane, lacquer, etc. using a pure-bristle brush. Allow to dry 12 hours.
5. Lightly had sand with 220 grit sandpaper.
6. Apply second coat of clear finish.
7. If additional finish coats are desired, repeat steps #4 & 5.

1. Allow to dry 24 hours before using the key hanger.
2. If a natural finish is desired, skip step #3.
3. If paint is desired, give the project a primer coat.
4. After the primer is dry give the project two coats of paint Allow the paint to dry between coats.
Notes: 1. If stain is used, be sure to match the wood dough with the color of the stain.
2. Use a tack rag after each sanding procedure to remove the dust

F. Assembly and Mounting Procedures:

1. Screw the key hooks (B) into the previously drilled holes in the bottom of the key board (A).
Mount to a wall using small wall anchors and round head screws..