

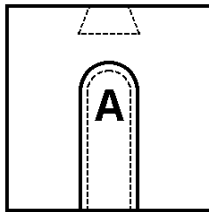
Myopic Doves

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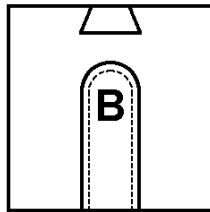
Objective: Make a cube with the eight half-blind dovetail pieces
 Puzzle type: 3D put together
 Description: 8 pieces with half-blind dovetails form a cube
 Material: Maple
 Cube dimension: 2-3/4 inches on a side
 Designed and made by: Rick Eason

Top view of the pieces

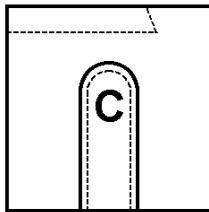
In each figure the tail sticks out on top



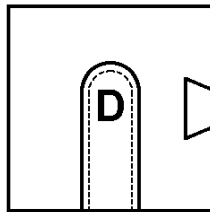
A
 Groove in back
 Open to bottom



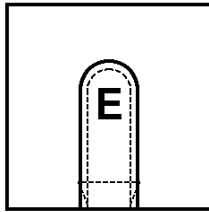
B
 Groove in back
 Open to top



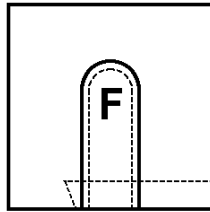
C
 Groove in back
 Open to left



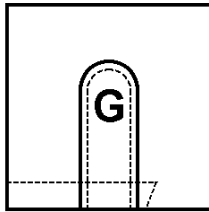
D
 Groove on right
 Open to top



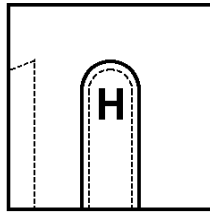
E
 Groove in front
 Open to bottom



F
 Groove in front
 Open to right



G
 Groove in front
 Open to left



H
 Groove on left
 Open to front

Solution

There is only one solution.

Although there are 4 ways to pack the pieces, only one of them will assemble.

Subscripts below give the side with the groove followed by the direction the groove opens to (Right, Left, Up, Down, Back, Front).

Top layer

D_{DR}	B_{LF}
C_{RF}	A_{BR}

Bottom layer

G_{RF}	F_{FU}
E_{UL}	H_{LU}

Assembly order
G F H E D B (C A)