

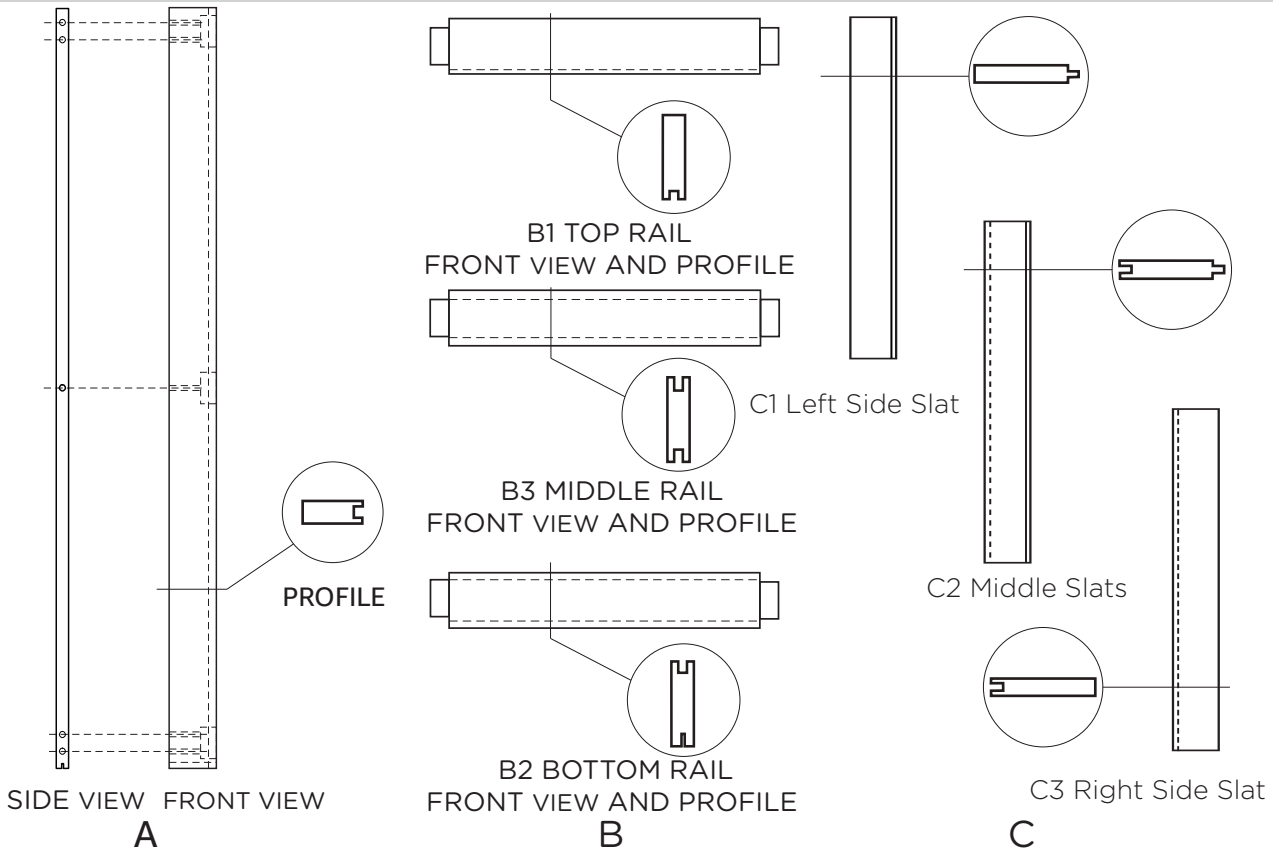
# K Shape Barn Door Installation Instructions

| CODE  | PARTS  | QTY |
|-------|--|-----|
| A     | Side Stile   | 2   |
| B1    | Top Rail   | 1   |
| B2    | Bottom Rail  | 1   |
| B3    | Middle Rail  | 1   |
| C1    | Left Side Slat   | 2   |
| ※C2※  | Middle Rail  |     |
| C3    | Right Side Slat  | 2   |
| D1/D2 | Diagonal Overlay   | 2   |
| E     | 2 <sup>3</sup> / <sub>4</sub> " Lag Screws<br>(Fit for 24"-30" width)  |     |
|       | 3 <sup>9</sup> / <sub>16</sub> " Lag Screws<br>(Fit for 32"-60" width) |     |
| ※F※   | 1 <sup>3</sup> / <sub>16</sub> " Lag Screws                            |     |
| G     | Wood Plug  | 10  |

**E** **F** **G**

※C2※ ※F※  
(Quantity depends on door's width refer to next page Asterisk column)

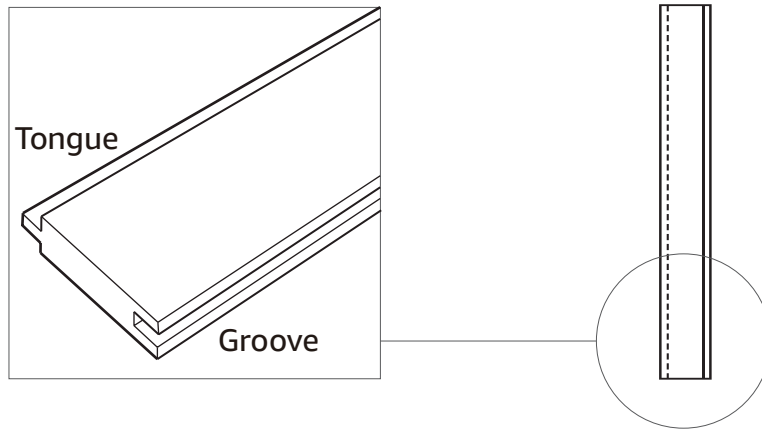
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We offer several sizes of boards, Let's look at them from different perspectives



## Number of Parts in Different Door Sizes

| Door Width (inch) | Shape | A Side Stile | B1/B2/B3<br>Top Rail<br>Bottom Rail<br>Middle Rail | C1 Left Side Slat | ※C2※ Middle Slats | C3 Right Side Slat | D1 Diagonal Overlay | D2 Diagonal Overlay | E   |  | ※F※<br><sup>1</sup> / <sub>16</sub> "Lag Screws | G Wood Plug |
|-------------------|-------|--------------|--|-------------------|-------------------|--------------------|---------------------|---------------------|---|--|---|-------------|
|                   |       |              |  |                   |                   |                    |                     |                     | 2 <sup>3</sup> / <sub>4</sub> "Lag Screws | 3 <sup>1</sup> / <sub>16</sub> "Lag Screws |   |             |
| 24                | K     | 2            | 1  | 2                 | 4                 | 2                  | 2                   | 2                   | 10  | —  | 24  | 10          |
| 26                | K     | 2            | 1  | 2                 | 4                 | 2                  | 2                   | 2                   | 10  | —  | 24  | 10          |
| 28                | K     | 2            | 1  | 2                 | 6                 | 2                  | 2                   | 2                   | 10  | —  | 32  | 10          |
| 30                | K     | 2            | 1  | 2                 | 6                 | 2                  | 2                   | 2                   | 10  | —  | 32  | 10          |
| 32                | K     | 2            | 1  | 2                 | 6                 | 2                  | 2                   | 2                   | —   | 10   | 32  | 10          |
| 34                | K     | 2            | 1  | 2                 | 8                 | 2                  | 2                   | 2                   | —   | 10   | 40  | 10          |
| 36                | K     | 2            | 1  | 2                 | 8                 | 2                  | 2                   | 2                   | —   | 10   | 40  | 10          |
| 38                | K     | 2            | 1  | 2                 | 10                | 2                  | 2                   | 2                   | —   | 10   | 48  | 10          |
| 40                | K     | 2            | 1  | 2                 | 10                | 2                  | 2                   | 2                   | —   | 10   | 48  | 10          |
| 42                | K     | 2            | 1  | 2                 | 10                | 2                  | 2                   | 2                   | —   | 10   | 48  | 10          |
| 44                | K     | 2            | 1  | 2                 | 12                | 2                  | 2                   | 2                   | —   | 10   | 56  | 10          |
| 46                | K     | 2            | 1  | 2                 | 12                | 2                  | 2                   | 2                   | —   | 10   | 56  | 10          |
| 48                | K     | 2            | 1  | 2                 | 14                | 2                  | 2                   | 2                   | —   | 10   | 64  | 10          |
| 50                | K     | 2            | 1  | 2                 | 14                | 2                  | 2                   | 2                   | —   | 10   | 64  | 10          |
| 52                | K     | 2            | 1  | 2                 | 16                | 2                  | 2                   | 2                   | —   | 10   | 72  | 10          |
| 54                | K     | 2            | 1  | 2                 | 16                | 2                  | 2                   | 2                   | —   | 10   | 72  | 10          |
| 56                | K     | 2            | 1  | 2                 | 18                | 2                  | 2                   | 2                   | —   | 10   | 88  | 10          |
| 58                | K     | 2            | 1  | 2                 | 18                | 2                  | 2                   | 2                   | —   | 10   | 88  | 10          |
| 60                | K     | 2            | 1  | 2                 | 18                | 2                  | 2                   | 2                   | —   | 10   | 88  | 10          |

## What Is Tongue and Groove?

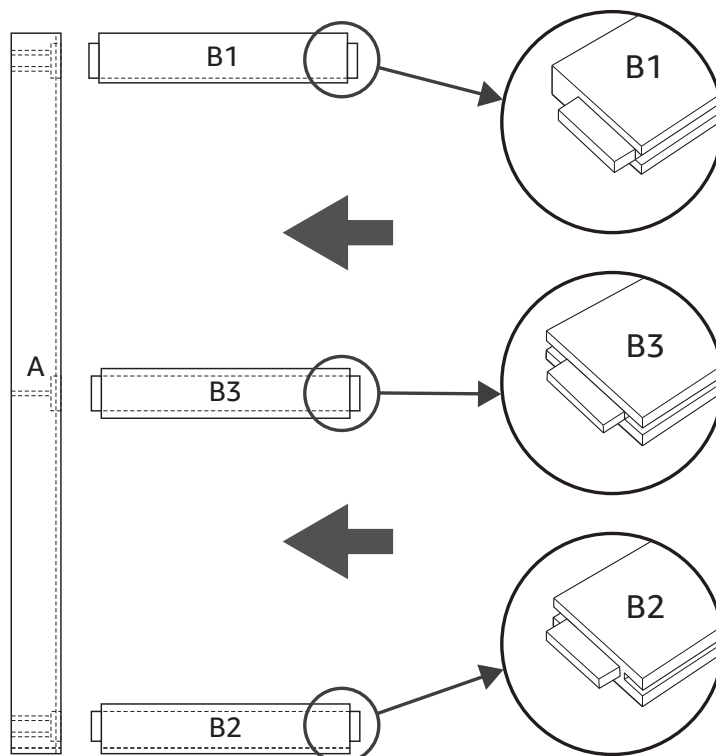


Tongue refers to the extending ridge beyond the main portion of the slat or stile.  
Groove refers to the slot cut into the other side of the slat or stile.

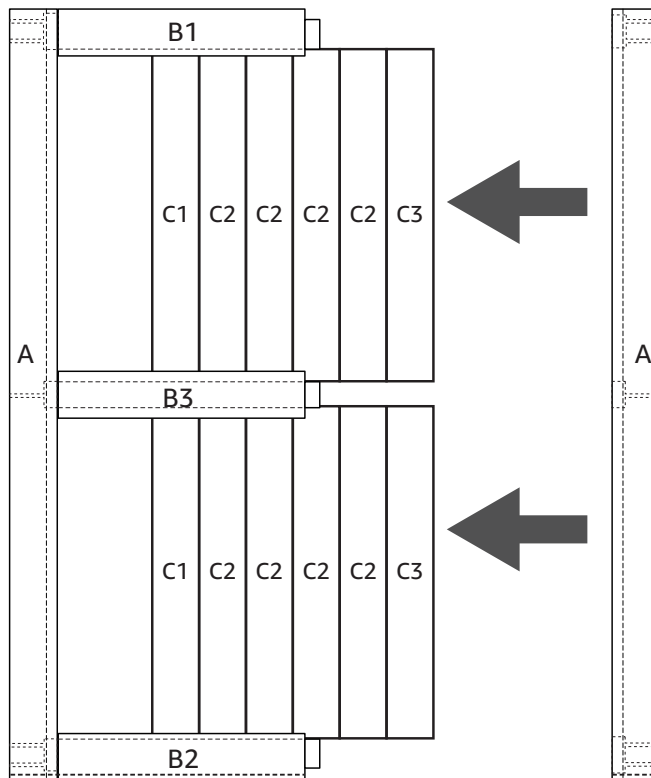
### Installation Steps:

The following installation steps take a door with a width of **36"** as an example.  
Please refer to the **[Number of Parts in Different Door Sizes]** for doors of different sizes

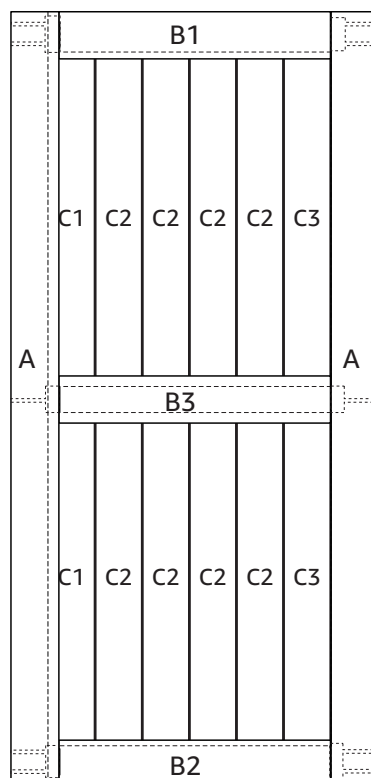
1. On a flat, clean surface, lay out one side stile (A) with the groove facing to the right. Assemble top rail (B1), middle rail (B3) and bottom rail (B2) to A1 by fitting the tongue into the groove of A.



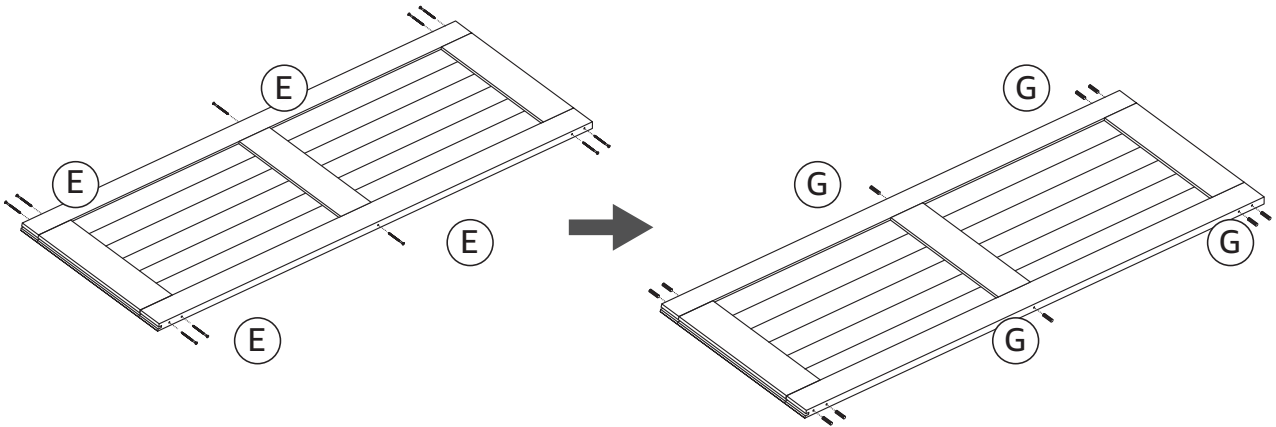
- 2.** Assemble the left side slat (C1) with the tongue facing right. Lay all middle slats (C2) next to C1 with the tongue facing right. Lay the right side slat (C3) to the right of the last C2 with the groove facing left.



- 3.** Place the other side stile (A) beside the assembled slats and rails with groove facing left. Slide to the left to cover the top and bottom rail tongues and the edge of the slat assembly.



4. Insert  $3\frac{1}{16}$ " lag bolts (E) into holes on the side of side stile (A), use phillips screwdriver to fasten lag bolts to B1,B3 and B2. Insert wood plugs (G) into holes on the side of side stile (A) to complete the installation.



5. Install the diagonal overlays (D1) by using  $1\frac{3}{16}$ " lag bolts (F) on the assembled door surface. Turn the door over, Repeat the former step to install D2 on the other side.

