

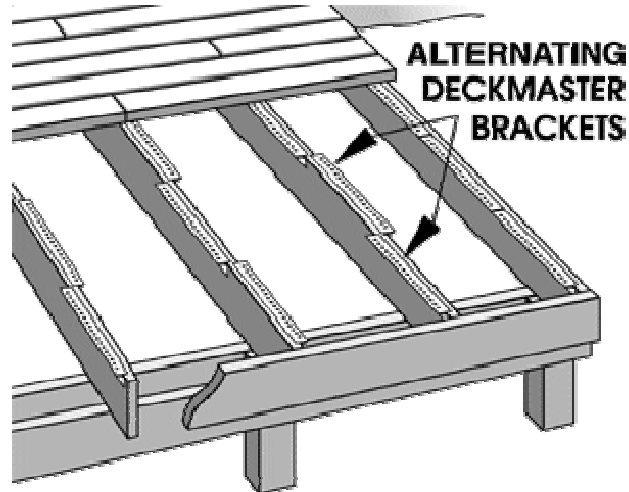
How To Install Deckmaster

Step 1.

Apply DECKMASTER® Hidden Deck Brackets on alternating sides of all joists flat against the joist top. On perimeter joists, apply brackets end-to-end on the inside of the joist only. Fasten with DECKMASTER® Joist Screws through every other hole in the side of the bracket.



Courtesy WORKBENCH Magazine



Brackets are alternated to give equal support to the joist. Because the screws go in at a 60 degree angle there is some tension to pull the boards in one direction. Alternating the brackets allows the joist to have equal tension on both sides of the joist thereby equalizing the holding power from both sides of the joist.

Step 2.

Working from the top of the deck, lay each deck board on the joist. Reach underneath the deck board and drive a minimum of two DECKMASTER® Bracket Screws through the bracket, up into the deck board. If you have sufficient space you can install from below.

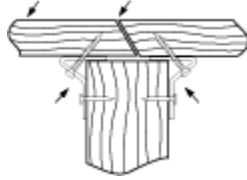
A DeckMate® spacer is handy for proper spacing.



Step 3.

Where deck boards end with a splice over the joist, fasten brackets to both sides of the joist. If a random splice pattern is used, cut a bracket the width of the deck board and attach to the opposite side of the joist from the full-length bracket.





Cut brackets the length of the deck board and attach to opposite side of joist.

Step 4.

Continue to attach deck boards as in number 2 above, maintaining your desired spacing between boards. If there is no access underneath the deck, the last board(s) should be attached through the surface with screws. Countersink the screws and plug the holes to maintain surface appearance.



Required Materials

The DECKMASTER brackets are 22.5" long and are meant to be alternated on each side of the joist to give equal support to the joist as the screws go in at an angle.

ESTIMATING THE NUMBER OF DECKMASTER® HIDDEN BRACKETS NEEDED:

How Many Brackets Do I Need?		
Deck Size	Joist Spacing	
Square Ft.	16" O.C.	24" O.C.
25 Sq. Ft.	10 Brackets	10 Brackets
50	20	20
75	30	30
100	40	30
200	80	60
300	120	90
400	160	120
500	200	150

Joists spaced 12 inches on center will require 100 brackets for every 150 to 175 square feet of deck surface.

Joists spaced 16 inches on center will require 100 brackets for every 225 to 250 square feet of deck surface.

Joists spaced 24 inches on center will require 100 brackets for every 325 to 350 square feet of deck surface.

To Determine Exact Count:

- Measure the length of each joist.
- Determine the total joist length in inches (mm) and divide the number by 22 (559).
 - Count joists where deck boards splice as two joists.
- For random deck board splice pattern, include additional brackets to be cut into shorter pieces.