



Plank Replacement Guide

Over time, a plank or several planks may become damaged beyond acceptable appearance. In that event, the most effective visual repair is to replace the damaged plank(s). The following guide illustrates how to properly remove and replace a damaged plank.

**Plank replacement is a moderate to difficult procedure that should only be attempted by a skilled craftsman or an individual confident in their woodworking abilities **

Required tools and materials:

- Circular Saw
- Fine Tooth Carbide Blade (new)
- Straight Edge
- Pry Bar (small)
- Wood Chisel
- Utility Knife
- Sanding Block (120 grit sandpaper)
- Color Match Stain Marker (if required)
- Clear Semi-gloss Polyurethane
- Foam Paint Brush (small)
- Wood Adhesive

NOTE:

The Festool saw and guide channel used in this illustration is the best tool set-up for this repair.
www.festoolusa.com



With a straight edge, mark lines 1/4" "inside" of both long edges of the damaged plank stopping 1/4" from the short edge at each end. With the circular saw set at 3/4" depth, plunge the blade through the plank and follow the marked line. Repeat the cut on the opposite line. For best results, use a saw guide to prevent miscuts.



At an angle, plunge cut across the damaged plank taking special care to avoid damaging the adjacent planks.

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Plank Replacement Guide cont'd.



Carefully, prying upward, remove both halves of the damaged plank. Cracking and splintering of the damaged plank may be seen and heard as this step is performed.



With a wood chisel, remove any left over pieces of the damaged plank from the grooves and tongues of the adjacent planks. With a utility knife, cut away all visible underlayment, exposing the subfloor.

STEP 5

Cut the replacement plank to the exact length of the open space. Cut away the bottom strip of wood that creates the groove and approximately 1/8" of the tongue. With a sanding block, create a bevel on the cut end(s) of the replacement plank that match the bevels of the side edges. If your floor has a stain color, stain the new bevel(s) with a stain marker that matches the plank color. After allowing the stain to dry, carefully apply two light coats of polyurethane to the new bevel(s) with a small foam brush.

STEP 6

Thoroughly clean the opening of dirt and saw dust. Partially dry fit the replacement plank to ensure fit. If the replacement plank fits properly, remove it from the opening, spread an even layer of wood adhesive across the entire surface of the exposed subfloor and fit the plank in place. Place the legs of a chair on the replacement plank and weight it with books until the adhesive cures.

DO NOT USE UNSIGHTLY FACE NAILS TO ANCHOR THE PLANK.