

See PRECAUTIONS p. 2
before attachment

fan-dam[®]

"more breeze - less speed" ©

MADE IN THE U.S.A.

Adhesive bonded air-dam spoiler for ceiling fan blades
U.S. Patent No. 9,638,209



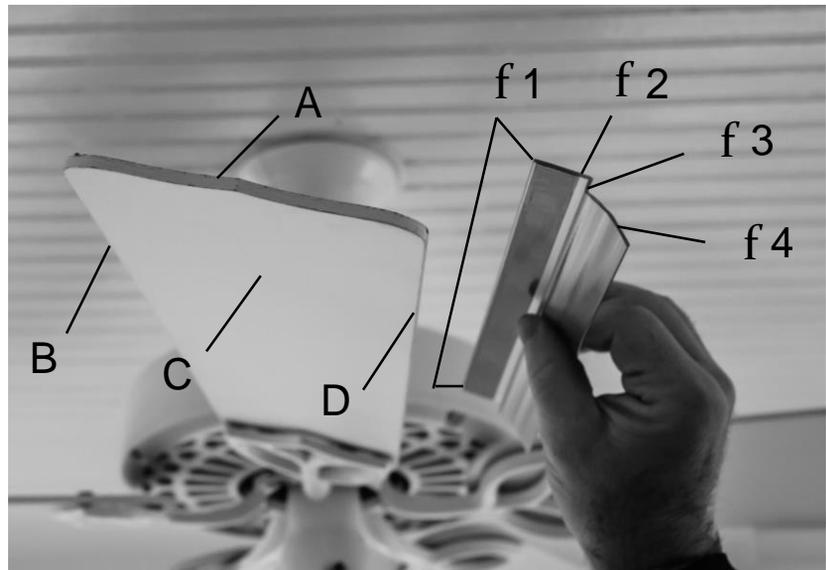
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CEILING FAN BLADE

- A. TOP OF BLADE (faces ceiling)
- B. UPPER EDGE (toward ceiling)
- C. BOTTOM OF BLADE (faces floor)
- D. LOWER EDGE (toward floor)

fan-dam[®]

- f 1. GLUE STRIP
- f 2. RIGID MOUNTING PLATE
- f 3. RIGID STEP
- f 4. FLEXIBLE FLAP



STEP 1: PREPARATION

1. Top of blade (**A**) must be free from dust, dirt, oils and thoroughly dry before attachment (Step 2) of fan-dam[®].
2. First, remove dust from top of blade (**A**) with clean, dry cloth or paper towel. Do not use polishing nor dusting sprays. Second, remove dirt from top of blade (**A**) with ammonia-based window cleaner (e.g., Windex[®]) on a clean paper towel for each blade.
3. Lastly, remove oils from top of blade (**A**), especially the 1" inch bonding area above the lower edge (**D**) with enclosed alcohol prep wipes. Confine wipe to top of blade (**A**) as alcohol may dull the finish.
4. Allow fan blade to thoroughly dry before Step 2: Attachment.
5. To maintain ceiling fan balance, each fan-dam[®] must be attached at the same position to each and every fan blade.

STEP 2: ATTACHMENT



1. Use a fan-dam® (with red protective tape still attached) as a gauge to mark the same attachment position on each and every blade.

2. Align the rigid mounting plate (**f 2**) to the end (tip) of fan blade, and place a mark where flexible flap (**f 4**) crosses the lower edge (**D**).

3. Carefully remove and discard the red protective film from the glue strip (**f 1**) of one fan-dam®. Do not touch the exposed area of exposed glue strip (**f 1**).



4. Without allowing exposed glue strip (**f 1**) to touch fan blade, align end of fan-dam® with the mark that was placed on the lower edge (**D**) of the blade.

5. Keeping rigid step (**f 3**) in constant contact with lower edge (**D**) of blade, rotate rigid mounting plate (**f 2**) up onto top of blade (**A**). Proper positioning is essential.

6. Confirm that the entire length of the rigid step (**f 3**) is against lower edge (**D**), repositioning fan-dam® as needed.

7. Bond glue strip (**f 1**) onto fan blade by firmly squeezing rigid mounting plate (**f 2**) and bottom of blade (**C**) together, back and forth with fingers.

8. Repeat attachment (Step 2) of one fan-dam® to each fan blade.



Do not operate ceiling fan during the first day after attachment (Step 2) as adhesive requires 24 hours to reach full bond strength.

PRECAUTIONS

Turn off power to ceiling fan before proceeding to preparation (Step 1).

Do not remove protective red film from glue strip (f 1) prior to attachment (Step 2).

Exercise caution when using a ladder to reach ceiling fan blades.

fan-dam® can only be applied to thin (½ inch or less) flat ceiling fan blades with at least 12 inches of continuous straight lower edge (D). fan-dam® can NOT be attached to curved, rounded, warped, cupped nor drooping fan blades nor to fan blades more than ½ inch thick.

Removal of bonded fan-dam® may cause damage to ceiling fan blades.

Modification of ceiling fan blades by the attachment (Step 2) of fan-dam® may void manufacturer's warranties.

Have someone hold each fan blade motionless during the attachment (Step 2) of fan-dam® to fan blade.