



22743 Freepoint Road
Sterling, IL 61081

Item #126

Grain Bin Fan Set

Rev 100110

Caution: Small Parts. Not recommended for children under 12 yrs of age. Use Care when handling – sharp edges. Use of this item in its intended purpose may violate the safety standards of the original item for which it is intended to be used with.

The TractorFab Bin Fan Set is designed around the cast resin Scratch-Cast Brand bin fans. <http://www.scratchcast.com/GrainEquipment.html> Other castings may be used, or a fan can be scratchbuilt from styrene.

Both styles of fans can be detailed with this kit. The axial type fan has the motor inside the housing, and uses the fin type blades included in the kit (shown below, left). The centrifugal type fan has the motor on the outside, and does not use the blades, as this type of fan has a “squirrel cage” type blower, not seen from the screen end. (shown below, right)

For the axial fan, drill a 3/8” diameter hole, 1/4” deep. Use a Forstner type bit if possible, and don’t drill too deep. Assemble as shown, below. Motor is generally on the screen side. Paint drilled portion black or silver.

For the centrifugal fan, first countersink using a 3/8” diameter drill bit, about 1/16” deep. This will simulate the inner shroud. Finish drill with 1/4” bit, about 5/16” deep. Paint the drilled portion the desired color to represent your favorite brand. Small motor screen can be glued to the outside face of the cast on motor for extra detail.

