

# Econo Hinge Installation Instructions

Make sure there are no obstructions that will be in the way of the mounting area on the fan or duct such as electric boxes, conduits, brackets, etc. Check to be sure that the power supply conduit is in good condition and has adequate length for the fan to be tilted.

- 1** Screw the supplied 5/16 inch bolts into the threaded holes on the upper arm of hinge just enough to be slightly visible on the inside of the gap.  
*Note: colored material on fan base bolts is a locking compound to prevent fan base mounting brackets from coming loose. Do not remove the fastener.*
- 2** (A) slide upper arm of Econo Super Hinge over rear portion of fan base edge. (B) push up and forward to set hinge upper arm in the proper position to be fastened. (C) tighten the screws on the upper arm of the hinge.  
*Over tightening is not necessary.*
- 3** Once upper arm has been secured to fan base you may notice a space between the lower arm and the duct. If this is the case, make a note of the measurement of the gap between the side of the arm and the duct. Rotate lower arm down, remove 3/8th inch pivot nut and remove lower arm from bolt. Add the amount of shims required to make up the gap between the lower duct arm and the duct.  
*Lower arm may be tight to duct as well which would require removal of shims. Re assemble and rotate lower arm back to parallel to the fan base insuring it is snug to duct.*
- 4** Fasten lower arm to duct using supplied 1 1/2 inch self tapping heavy duty screws leaving the hole at the front end of the lower arm empty for now. Repeat steps 1-4 for other side of fan.
- 5** The safety chain is installed sliding the provided 1/4" washer onto one of the self tapping screws and attaching it to the lower hinge arm, then attaching the other end of the chain to the upper arm using one of the 5/16" bolts.
- 6** Carefully tilt fan through range of motion to assure good fit, then re-tighten all fasteners.

