

## **AES Technical Bulletin**

### **MF3642 Blade Installation Instructions**

**Product models covered:** Magnum DC Baby Countryside and Winchester DC models.

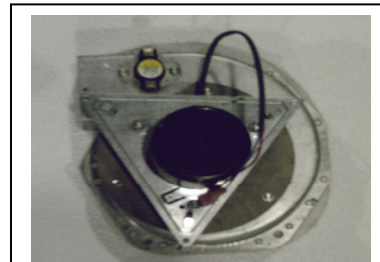
**Topic:** This technical bulletin will be addressing how to install the DC Draft/Exhaust Blower Fan Blade, 4 ½”.

**Tools needed:** ¼” Allan wrench and 1/8” Allan wrench

**Replacement procedure:** Unplug the stove before servicing unit. Open side panel. If you have a model of Baby that has the inspection cover/plate on the outside of the exhaust manifold, you will be able to take off the cover/plate, to change the blade. To take the old fan blade out use a ¼” Allan wrench, loosen the set screw in the center of fan blade. To loosen set screw, turn counterclockwise. Lift old fan blade out, screw set screw clockwise to tighten. To install new fan blade, use a 1/8” Allan wrench, loosen the set screw in the center of fan blade. Slide fan blade down shaft. Make sure that the blade is about 1/16" away from the back of the housing so that it will not scrape when running. This is not an exact measurement, just make sure that if you push the blade toward the back of the housing and turn it by hand that it does not rub on anything. Tighten set screw, turn clockwise. Add a light coat of red (RTV) silicone to the gasket on the cover/plate and bolt it back on.



DC Draft/Exhaust Blower Fan Blade, 4 ½”



DC Draft/Exhaust Blower Fan

If blade installation requires blower to be un-installed, see Technical Bulletin labeled, T-0027 Tech B Combustion-Draft-Exhaust Blowers for instructions.

If you have to take the draft blower off try to leave the exhaust pipe (this is the short piece of metal pipe that bolts to the exhaust blower and then goes out the back of the unit) on the draft blower. You should be able to take the draft blower off once you disconnect the venting from the short exhaust pipe on the draft blower. Be careful not to harm the gasket that is between the draft blower housing and the steel housing when taking off the draft blower. If you do break the gasket or if it looks like it won't seal, I would suggest ordering a new one. You can take silicone and seal the gasket when you put the draft blower back on but it will be really hard to get off later so I do not recommend it.