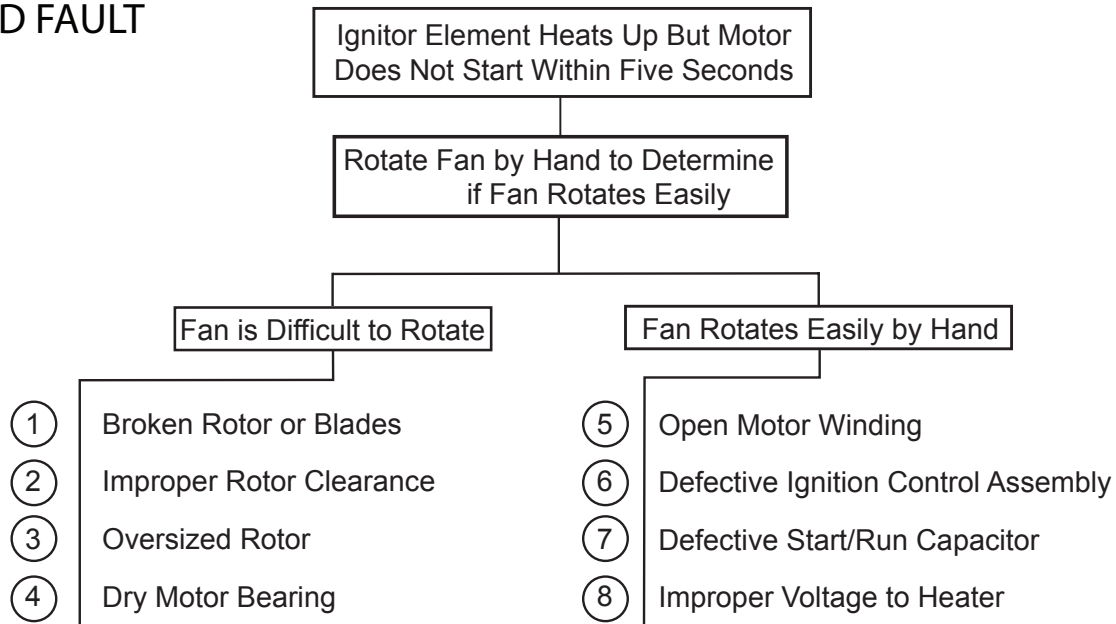


OBSERVED FAULT



TEST PROCEDURE

1 Broken Rotor or Blades

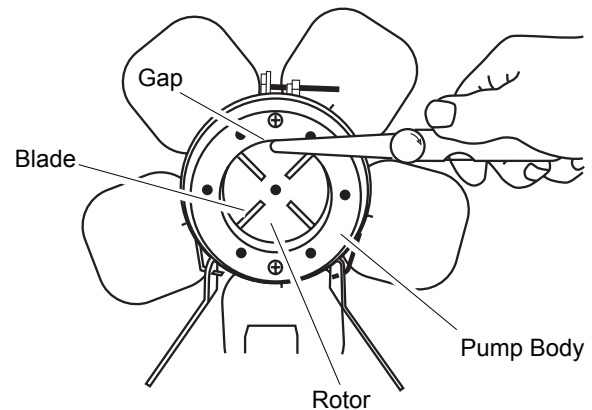
Disassemble the end cover filter and end pump cover from rear of motor. Visually inspect the rotor and blades for breakage. Make sure that the rotor and blades are free of any type of lubricant. Rotor and blades must be clean and dry for proper operation.

2 Improper Rotor Clearance

Check rotor with feeler gauge for proper clearance (.003"-.004") between rotor and pump body. Rotate rotor and make sure all four quadrants of rotor have adequate clearance.

3 Oversized Rotor

If the fan is hard to turn when the motor end cover is installed, but easy to turn when loosened, the rotor should be removed and lightly sanded. Remove the rotor and lightly sand by placing rotor in the palm of hand and sanding on a flat surface making figure eight rotations. (Use the finest grade of sandpaper available).



Sandpaper

