

Model Trimmers

Vibration

1. Motor Shaft untrue (bent)
2. Warped wheel

Will not run all/sometimes

1. Switch box broken (10" & 12")
2. weak thermal overload breaker (motor replacement)
3. Safety switch opening (Intermittent with pressure / all the time with failure) (3/4 horsepower) - adjustment

Noise

1. $\frac{3}{4}$ horsepower - back plate rubbing on frame – October 2001 back plate strength increased, caution label added to the backing plate to indicate warranty voided if tran torque bushing nut was moved, calibration seal put on nut. September 2003 – changed to two set screws same as 10/12 inch model trimmers
2. $\frac{3}{4}$ horsepower - Bearings (Some motor bearings on older units are not "water tight" and can become corroded causing noise over time. A water tight replacement is available. October 2000 went to sealed motor / September 2003 went to unsealed motor with "slinger" to keep water away from motor – base mount
3. Diamond wheel imperfection.



Slow Motor

1. Old motor
2. Bad windings?

Water Valve not working – valve regulates flow – do not turn on and off will wear out valve.

1. Too much pressure from the faucet
2. spray tube assembly defective or plugged up with "junk"

Electric water (MAG) valve not working

1. Impurities in the water get into the valve and plug it up, or jam it. Usually corrosive materials from the pipes. 2000 – Filter added to water line that comes in to the unit – only standard on $\frac{3}{4}$ horsepower – optional for others.

Water leaking

1. Door Gasket – $\frac{3}{4}$ horsepower improved with base mount September 2003.
2. MAG valve fittings – testing procedure change.