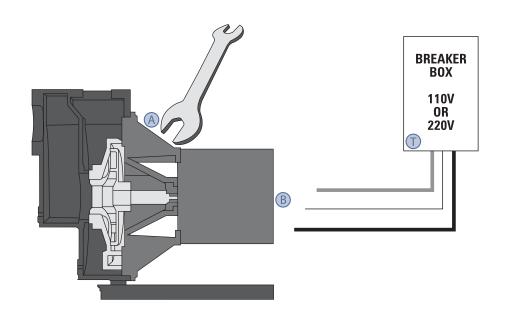
## **Did You Know?** To avoid an unnecessary trip, try jostling any debris inside the pump free before bringing your pump to a repairman. (Tip on pg. 229 "Clear Centrifugal Switch") With a wrench in the wrench slot on the shaft, does the shaft spin freely? A No Yes While the pump is turned on check voltage at the motor **B** with a voltmeter (tip on pg. 229). Is the voltage within 10% of breaker voltage? **T** With a wrench in the wrench slot on the shaft, apply gentle torque on the wrench. Can you break the impeller free? No Yes No Yes Firmly tap butt of motor 3-4 times with a soft-faced hammer or 2x4 to jostle free debris. Does the pump turn on? Does the pump run now? Call an electrician to Remove housing and diffuser to clean.\* Reassemble. Does the troubleshoot wiring. pump run now? No Yes No Yes No Yes Now that the impeller is free, go to the top question and begin Take to qualified repair Take the pump to a motor shop for Pump works center. diagnosis. again.



\* Refer to the pump Owners Manual for tear down and reassembly instructions.

