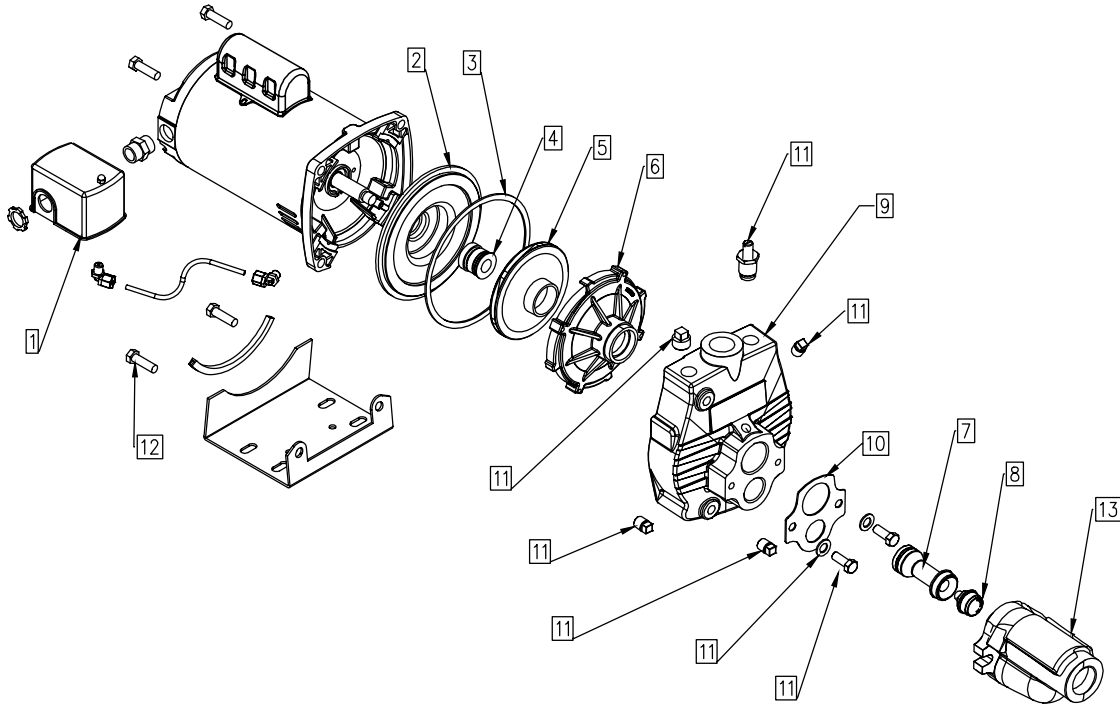


TROUBLESHOOTING

PROBLEM	CORRECTIVE ACTION
Motor will not start	No power to pressure switch due to blown fuses, open switches or loose connections. Pump pressure switch not closed.
Pump fails to deliver water	Pump not completely primed. Suction lift is too great. Foot valve is either not submerged, buried in the mud or plugged. Restrictor valve is fully closed.
Pump loses prime	Air leaks in suction line. Well draws down too far and requires a tailpipe. Faulty foot valve.
For well point installations where pump is losing pressure or unable to prime	Have an electrician install a low pressure cut-off switch to shut down the pump prior to critical failure. Install or adjust a restrictor valve to offset available capacity. Add a larger tank (20 gallon or larger) for additional capacity.

PROBLEM	CORRECTIVE ACTION
Pump delivers water but not at rated capacity	Leaks in suction or discharge line.
	Foot valve, suction line, impeller or nozzle are partially plugged.
	Suction lift is greater than recommended.
	Improper setting of control valve on deep well units.
	Improper impeller rotation or low speed.
	Venturi or diffuser is plugged.
	Motor is wired for improper voltage.
Pump starts and stops too often	Low line voltage at motor.
	Filtration cartridge (if used) needs changing or is not installed properly.
	Faulty air volume control.
Pump starts and stops too often	Air leaks in tank above the water level.
	Incorrect setting on pressure switch.
	Tank is water logged or incorrectly charged.
	Foot valve leaks or is stuck open.

REPLACEMENT PARTS



Item #	Contents	Item Description	Where Used	
305597011	13	Injector Housing Kit	PW-CJ50	PW-CJ75
305597010	1	Pressure Switch Kit	PW-CJ50	PW-CJ75
305597009	3, 10, 11, 12	Gasket/Hardware Kit	PW-CJ50	PW-CJ75
305597008	3, 4	Shaft Seal Kit	PW-CJ50	PW-CJ75
305597007	3, 5, 6	Impeller/Diffuser Kit	PW-CJ75	
305597006	3, 5, 6	Impeller/Diffuser Kit	PW-CJ50	
305597005	3, 4, 5, 6, 7, 8, 10	Overhaul Kit	PW-CJ75	
305597004	3, 4, 5, 6, 7, 8, 10	Overhaul Kit	PW-CJ50	
305597003	7, 8, 10	Nozzle/Venturi Kit	PW-CJ50	PW-CJ75
305597002	2	Seal Plate Kit	PW-CJ50	PW-CJ75
305597001	9	Case Kit	PW-CJ50	PW-CJ75