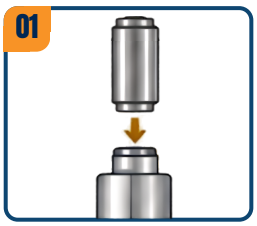
OUTBACK SOLAR PUMPS

AUTOMATE GUIDE

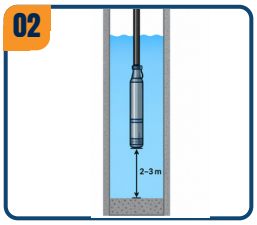
EDITION 2027

01 Install Check Valve



Screw the supplied 25 mm 304SS check valve directly onto the pump discharge using suitable thread seal tape. Ensure the flow arrow points away from the pump.

02 Lower Pump Into Bore



Install the pump as normal and position it approximately 2–3 m above the bottom of the bore. Secure the motor cable, probe cable and safety cable correctly.

03 Prepare Bore Cap



Ensure the bore cap is secure, in good condition and has a suitable 25mm threaded outlet for the AutoMate assembly.

04 Install 5-Way Tee



Apply pink thread tape and screw the 5-way brass tee securely into the bore cap outlet. Position the outlets so the components can be easily accessed.

05 Install Pressure Gauge



Apply thread tape and install the pressure gauge into the appropriate port on the 5-way tee. Tighten using the gauge connection — not the gauge body.

06 Install Pressure Switch



Screw the pressure switch into the 5-way tee using thread seal tape. Position it so the cover can be easily removed for wiring and adjustment.

07 Install Pressure Tank



Screw the supplied pressure tank into the 5-way tee and tighten securely. Ensure the tank is upright and adequately supported.

08 Connect Outlet Plumbing



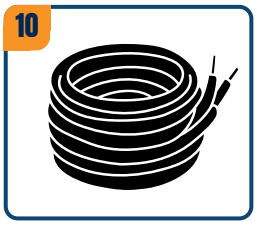
Connect the water outlet/gate valve to the remaining tee connection and complete the pipework to your tank, trough or irrigation system.

09 Wire Pressure Switch



With the power OFF, remove the pressure switch cover and connect the supplied 2-core cable to the MOTOR/LINE terminals shown on the right.

10 Run Cable to Controller



Route the pressure-switch cable back to the controller. Protect the cable from damage and secure it neatly along the installation.

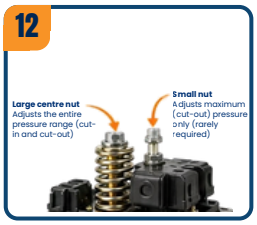
11 Connect to Controller



With the controller OFF, connect the two pressure-switch wires to the controller terminals. Polarity does not matter.

INPUT: TWL

12 Set Pressure & Test



Turn the controller ON and test the system. Close the outlet and confirm the pump stops at the required pressure, then opens and restarts correctly. Adjust the pressure switch if required and check all fittings for leaks.

IMPORTANT
PLEASE READ

- Turn the controller **OFF** before making connections or adjustments.
- Install the supplied check valve directly onto the pump discharge.
- Use suitable thread seal tape on all threaded plumbing connections.
- Ensure all plumbing connections are watertight before starting.
- Pressure-switch wiring is not polarity sensitive.