

TEMPERATURE COMPENSATION – SELECTION & CALIBRATION

Motion & Evolution control units feature a built in temperature compensation system which automatically adjusts the performance of the system in response to increased solenoid temperatures ensuring maximum operating performance is retained in all work conditions.

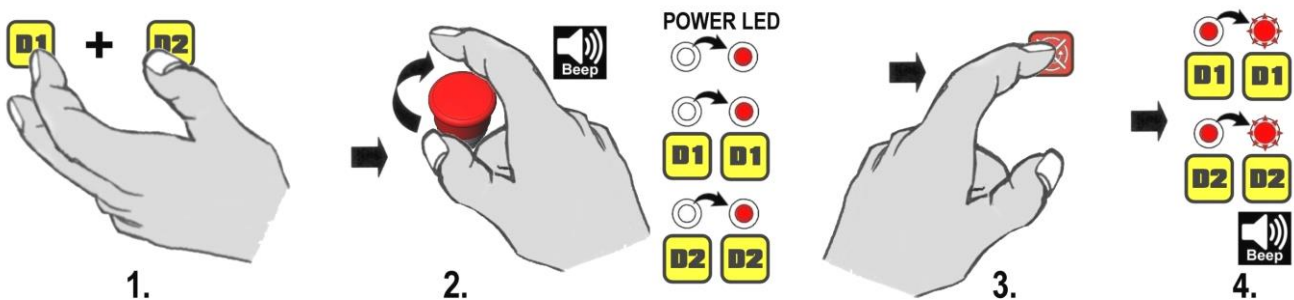
On initial machine setup the temperature compensation system must be calibrated and activated; when this has been performed the temperature compensation system will not require any further attention or adjustment and will operate automatically.

The procedures for calibration and activation of the temperature compensation system are as stated below. **Ensure PTO is OFF for the calibration procedure.**

Temperature Compensation - Calibration

With the control unit powered OFF;

1. Press and hold 'D1' & 'D2' keys.
2. Turn 'Power ON'; unit will emit a 'beep', Power, D1 & D2 LED's will illuminate.
3. Press 'Rotor Stop' key.
4. D1 & D2 LED's will flash (cutoff outputs will turn on for approx 2 seconds). Unit will emit a 'beep' to confirm calibration and the unit will be restarted.



Temperature Compensation - Enable / Disable

With the control unit powered OFF;

1. Press and hold 'Auto-Reset' & 'Rotor Stop' keys.
2. Turn 'Power ON'; unit will emit a 'beep' and Power LED will flash.
3. Press 'Auto-Reset' key to enable (or disable) temperature compensation.
Power LED ON = Temperature Compensation ON (Enabled)
Power LED OFF = Temperature Compensation OFF (Disabled)
4. Press 'Rotor Stop' key to complete selection.
All LED's will flash and the unit will be restarted.

