

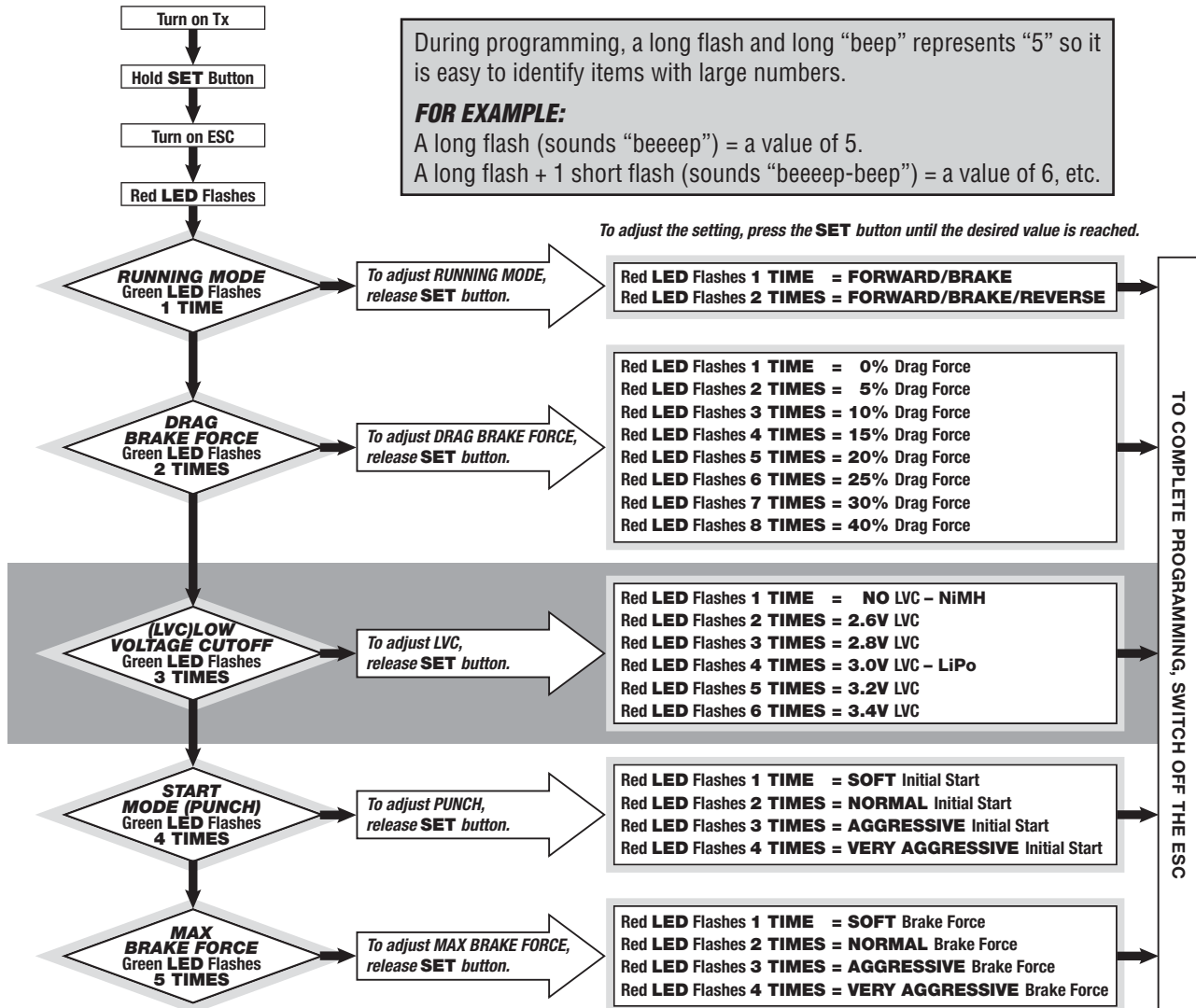
# DROMIDA™ BRUSHLESS SPEED CONTROL

## TECHNICAL UPDATE

From the factory, the BE18 Brushless ESC is set with a low voltage cutoff. This is to prevent the ESC from draining LiPo batteries too low, causing damage to the batteries. The stock setting for the LVC (Low Voltage Cutoff) is #4 (3.0V).

If you are running NiMH batteries (like the one included in the Dromida Brushless kits), you can turn off the LVC for longer run times. However, if you switch to a LiPo battery, you **MUST** change the LVC back to ON (setting #4) to prevent damage to the battery.

### ESC SETUP AND PROGRAMMING



To reset to the factory default settings, set the throttle to neutral and hold the “SET” button for 3 seconds. The red and green LED will slowly flash at the same time to indicate the ESC has been restored to the factory default settings.

**Running Mode:** This function adjusts the running mode between forward/brake and forward/brake/reverse.

**Drag Brake Force:** This function adjusts the amount of drag brake applied at neutral throttle to simulate a slight braking effect of a neutral brushed motor while coasting.

**Low Voltage Cut-Off (LVC):** This program is used to prevent the LiPo battery from over-discharging. The ESC monitors the battery’s voltage. At any time, if the battery’s voltage is lower than the designated value, the output power will be reduced to 50%. After 10 seconds the ESC will completely cut the output power off.

**Start Mode (Punch):** This function adjusts the amount of initial power when the trigger is applied.

**Maximum Brake Force:** This program adjusts the amount of overall brake force applied when at full brake.