



How to Test the Hardware Inputs on a ClearPath Motor

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- Disconnect motor's 8 pin connector
- Power up the motor
- Connect motor to PC (via USB cable)
- Launch MSP software
- Touch battery leads to input pins
- Observe "LED" indicators in MSP

Test "Enable" Input (pins 4 and 8)

pin 8

pin 4

IMPORTANT!
Connect battery to motor using +/- polarity shown.

BATTERY

Inputs and Commands

Enable On/Off

Input A Dir (CW/CCW)

Input B Step CCW

ServoOn Output

Servo On

Override Inputs

Jog CCW

Vel. (RPM) 500.0

Accel. (RPM/s) 5,000

Test "Input A" (pins 3 and 7)

pin 7

pin 3

IMPORTANT!
Connect battery to motor using +/- polarity shown.

BATTERY

Inputs and Commands

Enable On/Off

Input A Dir (CW/CCW)

Input B Step CW

ServoOn Output

Servo Off

Override Inputs

Jog CCW

Vel. (RPM) 500.0

Accel. (RPM/s) 5,000

Test "Input B" (pins 2 and 6)

pin 6

pin 2

IMPORTANT!
Connect battery to motor using +/- polarity shown.

BATTERY

Inputs and Commands

Enable On/Off

Input A Dir (CW/CCW)

Input B Step CCW

ServoOn Output

Servo Off

Override Inputs

Jog CCW

Vel. (RPM) 500.0

Accel. (RPM/s) 5,000

If the input is functional, its associated LED will "turn on" (light blue) in the MSP UI as soon as power is connected.