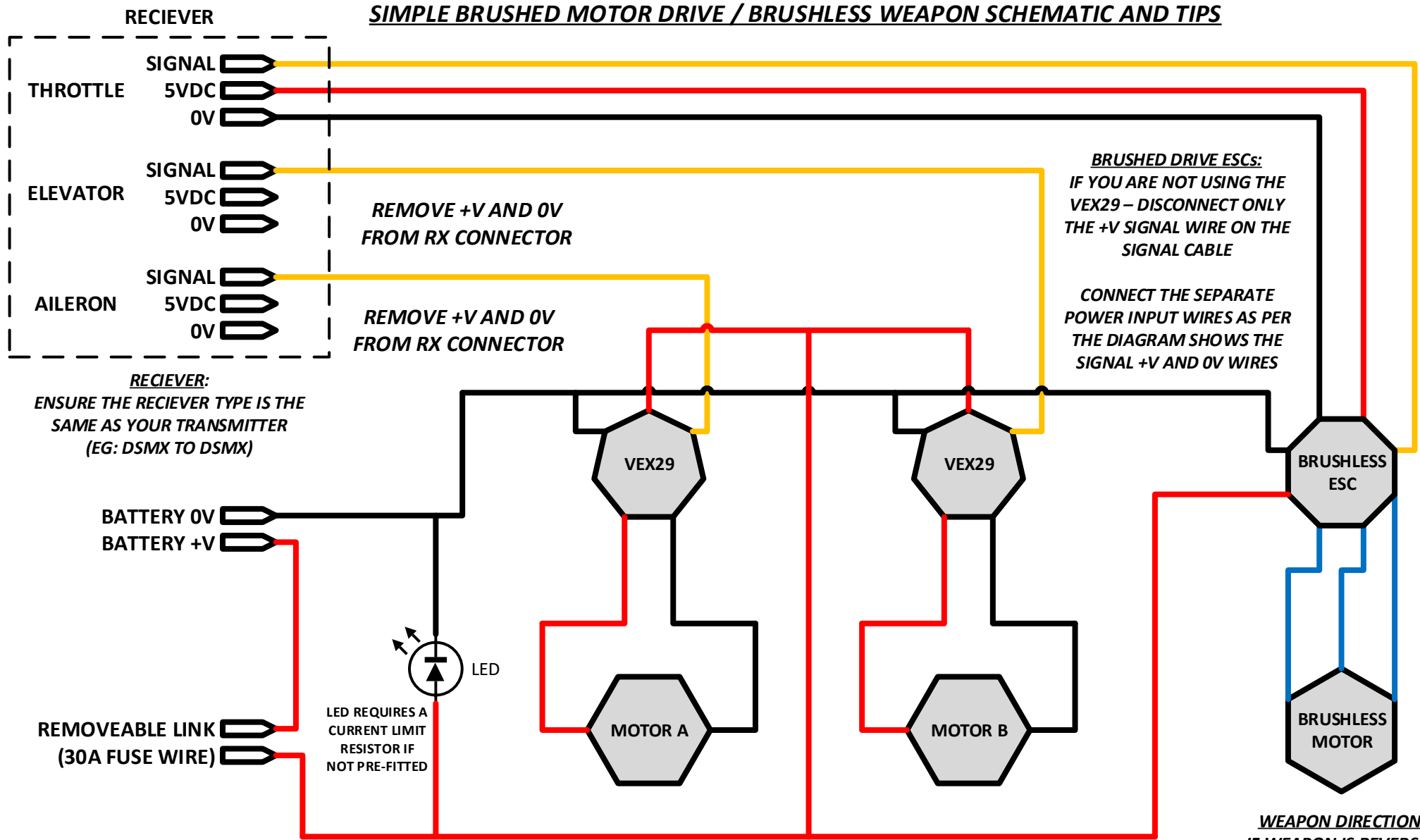


SIMPLE BRUSHED MOTOR DRIVE / BRUSHLESS WEAPON SCHEMATIC AND TIPS



REMOVE +V AND 0V FROM RX CONNECTOR

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BRUSHED DRIVE ESCs:
IF YOU ARE NOT USING THE VEX29 – DISCONNECT ONLY THE +V SIGNAL WIRE ON THE SIGNAL CABLE

CONNECT THE SEPARATE POWER INPUT WIRES AS PER THE DIAGRAM SHOWS THE SIGNAL +V AND 0V WIRES

RECEIVER:
ENSURE THE RECEIVER TYPE IS THE SAME AS YOUR TRANSMITTER (EG: DSMX TO DSMX)

LED REQUIRES A CURRENT LIMIT RESISTOR IF NOT PRE-FITTED

TO MIX THE SINGLE STICK DRIVE:
MIX1 - ELEVATOR TO AILERON (-100% & -100%)
MIX2 - AILERON TO ELEVATOR (+100% & +100%)
REVERSE ELEVATOR CHANNEL IF BACK/FORWARD IS REVERSED
REVERSE AILERON CHANNEL IF LEFT/RIGHT IS REVERSED
(IF NOT RESOLVED SWAP ONE MOTOR WIRING POLARITY)

RECEIVER BINDING CHECKLIST:
- TRANSMITTER IS IN BIND MODE
- BIND PLUG IS FITTED TO THE CORRECT RECEIVER CHANNEL
- BIND PLUG IS FITTED WHILST OFF (BEFORE POWER ON)
- BINDING LED FLASHING WHILST SEARCHING / SOLID LIGHT ONCE BOUND
- NO RECEIVER POWER? ENSURE THE ESC (+V / 0V) CONNECTED HAS A BEC (BEC – BATTERY ELIMINATING CIRCUIT)

WEAPON DIRECTION:
IF WEAPON IS REVERSED SWAP TWO PHASES

SET THE WEAPON THROTTLE:
IF SIGNAL ERROR OR STEPPING OCCURS – TRIM THE THROTTLE CHANNEL TO AS LOW AS POSSIBLE