



## Converting a 302-1D with FH306 to a 302-1D with FH324

**WARNING - HIGH VOLTAGES MAY BE PRESENT. INSURE THAT POWER IS OFF AND CAPACITORS ARE DISCHARGED BEFORE WORKING ON EQUIPMENT!**

### Materials (Kit Part #1703843)

#### Connectors

|   |                                       |                |
|---|---------------------------------------|----------------|
| 4 | FASTON, F, RT ANG, 0.187 x 0.020, RED | AMP 2-520334-2 |
| 2 | FORK, #8, RED                         | AMP 2-34155-1  |

#### Wires

|     |                             |
|-----|-----------------------------|
| 12" | BLACK 20 AWG, UL 1431, 600V |
| 4'  | BLACK 20 AWG, UL 1431, 600V |
| 8"  | RED 20 AWG, UL1430, 300V    |

### Procedure

**Step 1** Configure the 121-1 controller prior to climbing. Go to “Configure Strobe” and set:

**White selection to Medium**

**Red selection to Red Strobe**

**Markers to Threshold 0**

Go to “Set Thresholds”, scroll to “Dash number” and set:

**Dash number to 12**

**Step 2 Remove** Red wire from K5PA (tie back)

**Install** Jumper from TB3P7 to K5PA (Jumper should be red 20 AWG (300V) approximately 8” with red fork lug on one end and red 90<sup>0</sup> slide connector on the other.)

**Step 3 Remove** Black wire from PCB 3 J1P1 (Attach/crimp a red 90<sup>0</sup> slide connector.)

**Connect** Black wire to K5P3

**Step 4 Install** Jumper from PCB 3 J1P1 to K5P9 (Black AWG 20 (600V) approximately 12”, stripped on one end and red 90<sup>0</sup> slide connector on the other.)

**Step 5 Remove** Violet wire from TB2P6 and tie back

**Step 6 Install** Jumper from K5P6 to TB2P6 (Black AWG 20 (600V) approximately 4’, red fork lug on one end and red 90<sup>0</sup> slide connector on the other.)

**Note:** All wire runs should parallel the wiring harness and be secured with small tie wraps.