

<b>Date:</b> 4/21/2016	<b>Model(s):</b> Cirrus 5	
<b>Subject:</b> High Altitude Adjustment of the Cirrus 5 Oxygen Concentrator		<b>TSB#:</b> CIR2016-100

## High Altitude Adjustment of the Cirrus 5 Oxygen Concentrator

The Cirrus 5 Oxygen Concentrator is currently designed to function with no adjustment at elevations up to 4,500 feet. Above this elevation, a simple, minor adjustment to the switching time may be necessary to prevent a low pressure alarm.

### LCD display and Description for Regulating Circuit Board

#### 1. LCD Display

S. Times: Switch times (how many times/sessions unit has been turned on)

O.P. PSI: Indicates working system pressure

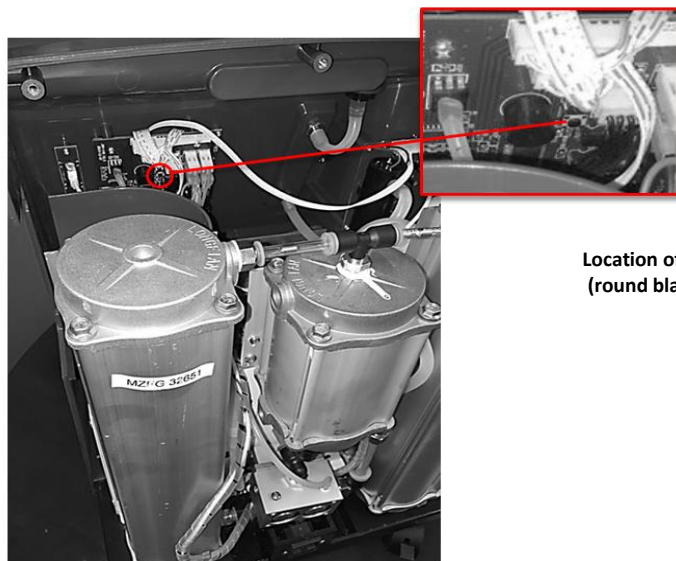
O. Time: Indicates present working hours for current session

(left four digitals indicate hour, last two digitals indicate minute)

ACC Time : Accumulated/total operating hours (displayed as hours)

#### 2. Remove back panel by removing the three top and two lower screws.

#### 3. Press the mode key (round black button, figure 1) on the control board one time, the LCD should now show switching time (L. Cycle: 06.X) (figure 2).



Location of Mode Key  
(round black button)

Figure 1



Figure 2

4. Press "up" or "down" keys to the right of the LCD display and using the below chart, adjust the switching time (0.1s increments) to the appropriate altitude switch time setting.

Altitude	Decrease In Switch Time	Switch Time
0-4000 FT	No adjustment	6.5 s
4000-5000 FT	0.1 s	6.5 s
5000-6500 FT	0.3 s	6.2 s
6500-9500 FT	0.4 s	6.1 s
9500-12000 FT	0.5 s	6.0 s

5. Press (mode) key two times to return to the home screen.