

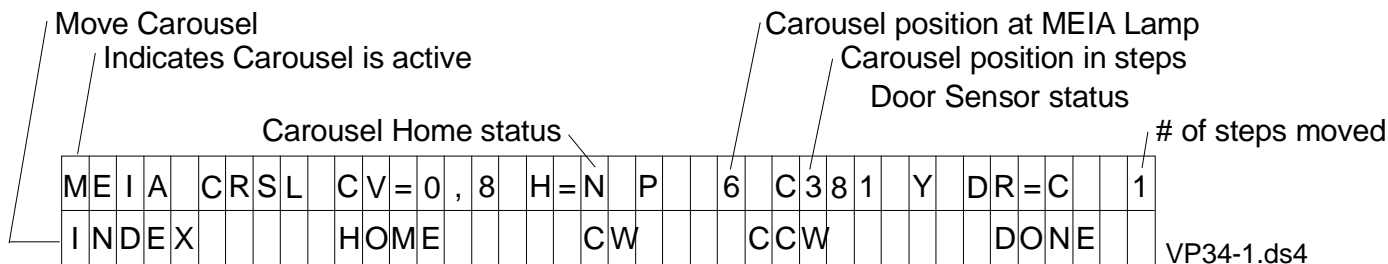
VP-34: CAROUSEL LOCK SENSOR ADJUSTMENT (pg 1 of 3)



Time: 5 minutes

Purpose: To set Carousel Lock Sensor voltage

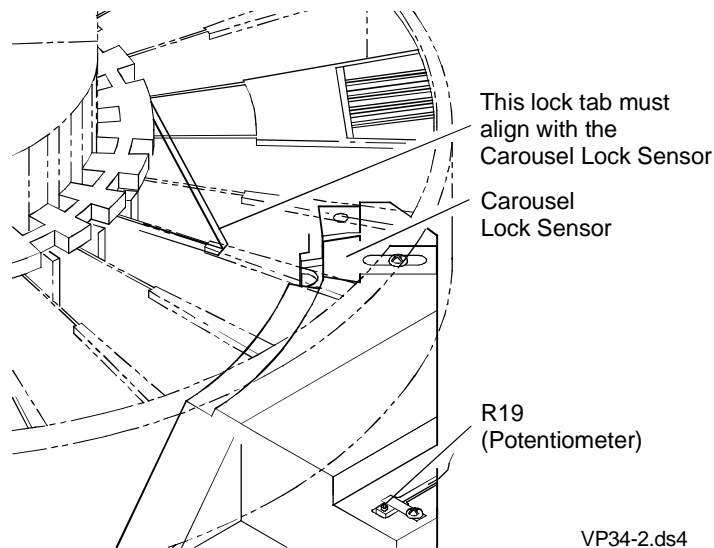
1. Clean Carousel Lock Sensor.
2. Place locked MEIA Carousel into analyzer.
3. Enter CRSL_DOOR Hand Controls:
 - MONITOR
 - HND_CTRL
 - OTHER
 - CRSL_DOOR



VP-34: Carousel Lock Sensor Adjustment (pg 2 of 3)

4. Move Carousel so that locking tab is blocking Carousel Lock Sensor (Figure VP34-2):

- 99
- STORE
- CW (2 times)
- 40
- STORE
- CW



VP-34: Carousel Lock Sensor Adjustment (pg 3 of 3)

5. Adjust R 16 on Sensor Bracket Assembly until Cuvette Sensor Voltage $CV = 3.7V \pm .1V$ (Figure VP34-3).

Cuvette Sensor voltage

M	E	I	A		C	R	S	L		C	V	=	0		
I	N	D	E	X						H	O	M	E		

VP34-3.ds4

6. While holding the carousel in place, unlock the carousel.

7. Verify that sensor voltage $CV \leq 1.7V$.
If out of range, repeat procedure from step 5, adjusting the potentiometer until specification is met for both conditions.

Locked $\geq 3.3V$

Unlocked $\leq 1.7V$