

3. Set the dwell time using the four-position gang switch located in the upper left corner of the circuit board (see Figure 3-1). The settings are as follows:

Dwell Time (second)	Switch			
	1	2	3	4
1/8	ON	OFF	OFF	OFF
1/4	OFF	ON	OFF	OFF
1/2	OFF	OFF	ON	OFF
1	OFF	OFF	OFF	ON

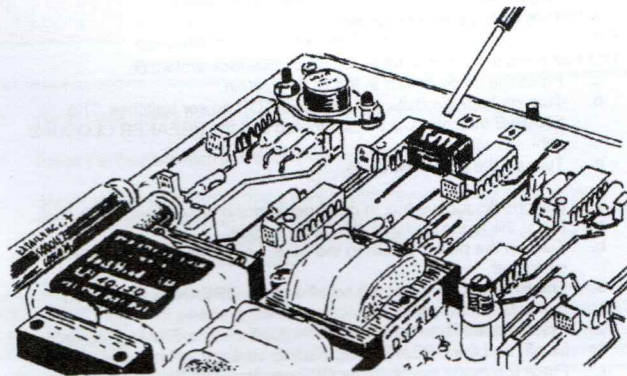


Figure 3-1. Dwell Time Setting Switches

4. Replace the cover and secure with the four elastic hex nuts.

Test and Adjustment

Bench Test

A simple bench test may be done prior to installing the synchronizer. No adjustments can be made as a result of this test. The bench test only provides an indication of proper basic operation.



WARNING HIGH VOLTAGE—The following procedures uses high voltage power for testing. Personal injury or death can occur if normal safety precautions are not used when working with high voltage.

1. Connect a utility power source (wall outlet) of 115 Vac, 60 Hz through single-pole single-throw switches to the BUS and GENERATOR input terminals. Leave the switches turned off.
2. Connect a mode switch, single-pole four-throw, to terminals 10 through 13 as shown on the diagram on the synchronizer. Place the mode switch in the OFF position.