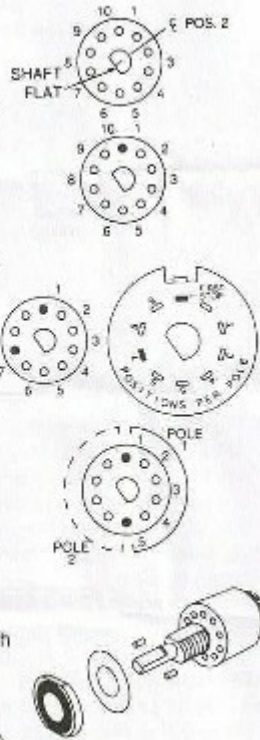


### LIMITING ROTATION

1. Orient shaft with the flat opposite position #2. See PREPARATION.
2. Place first pin (or washer) in the hole which is half a position counterclockwise (shaft end view) of position #1. This creates a stop between the last and first positions of rotation.
3. For switches of 1 pole per deck with maximum positions, only 1 pin (washer) is required; discard second pin (washer).
4. For other switches, place second pin in the hole which is clockwise of desired last position. (For Series 42/44, this is the hole which is NUMBERED for the last desired position).  
**NOTE:** For switches of 2 or more poles, the last position MUST be on Pole #1. For example, for a 2-pole, 36° throw switch, the hole clockwise of position number 3, 4, or 5.
5. Add appropriate retainer or seal pieces. See PREPARATION.  
**NOTE:** If there is a thin metal washer, add it first; otherwise seal goes first.  
**NOTE:** If there is a double flatted nut with a black seal embedded in it, check the marking on the seal to see which side goes next to switch.
6. Mount switch with lockwasher and nut(s).

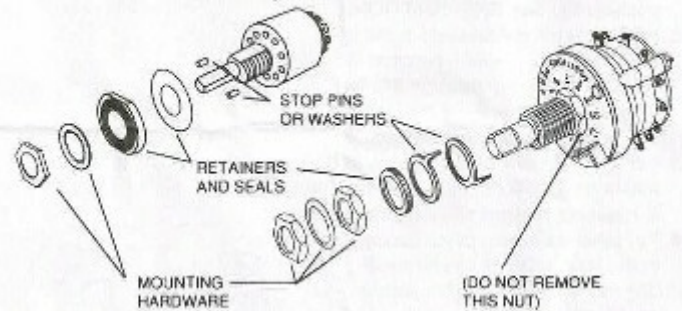


GRAYHILL, INC.

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### INSTRUCTIONS

#### Adjustable Stop Switches With Standard Circuitry



### PREPARATION

**Piece Parts:** There are 3 types of parts in or on the switch or in a bag.

1. Stop Pins (2), or angled Stop Washers (2)
2. Retainers and Seals - Any of the following: double flatted thick metal nut, thin seal washer, plain flat metal washer, adhesive sticker, and/or a round knurled nut (optional)
3. Mounting Hardware: hex nut(s) & internal toothed lockwasher  
**Stop Holes.** These are located in the front plate, halfway between switch positions.  
**Switch Positions.** These are equivalent to the location of the terminals. See numbers on the side of switch or the end plate.

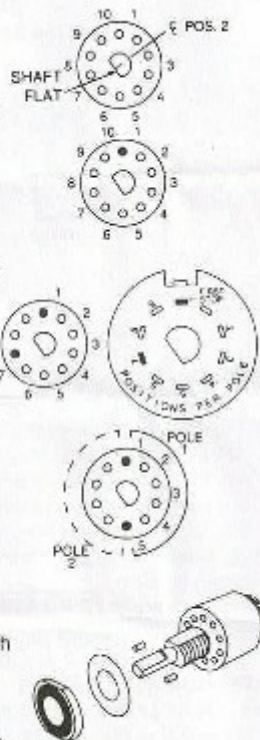
### CONTINUOUS ROTATION

Use only for switches with 1 pole per deck.

1. Discard stop pins (or stop washers) and unnecessary retainers.
2. Mount the switch, using lockwasher and hex nut(s).  
(continued on next page)

### LIMITING ROTATION

1. Orient shaft with the flat opposite position #2. See PREPARATION.
2. Place first pin (or washer) in the hole which is half a position counterclockwise (shaft end view) of position #1. This creates a stop between the last and first positions of rotation.
3. For switches of 1 pole per deck with maximum positions, only 1 pin (washer) is required; discard second pin (washer).
4. For other switches, place second pin in the hole which is clockwise of desired last position. (For Series 42/44, this is the hole which is NUMBERED for the last desired position).  
**NOTE:** For switches of 2 or more poles, the last position MUST be on Pole #1. For example, for a 2-pole, 36° throw switch, the hole clockwise of position number 3, 4, or 5.
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**NOTE:** If there is a thin metal washer, add it first; otherwise seal goes first.  
**NOTE:** If there is a double flatted nut with a black seal embedded in it, check the marking on the seal to see which side goes next to switch.
6. Mount switch with lockwasher and nut(s).

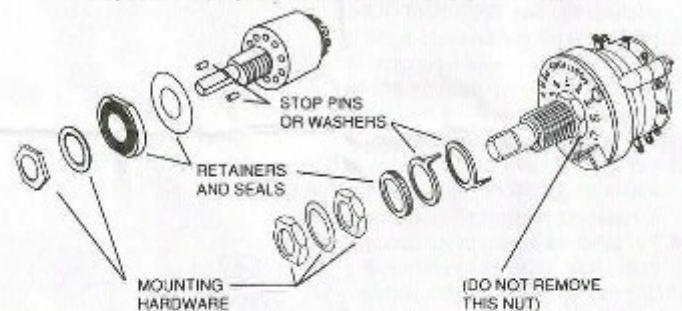


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BLTN 474, 109

### INSTRUCTIONS

#### Adjustable Stop Switches With Standard Circuitry



### PREPARATION

**Piece Parts:** There are 3 types of parts in or on the switch or in a bag.

1. Stop Pins (2), or angled Stop Washers (2)
2. Retainers and Seals - Any of the following: double flatted thick metal nut, thin seal washer, plain flat metal washer, adhesive sticker, and/or a round knurled nut (optional)
3. Mounting Hardware: hex nut(s) & internal toothed lockwasher  
**Stop Holes.** These are located in the front plate, halfway between switch positions.  
**Switch Positions.** These are equivalent to the location of the terminals. See numbers on the side of switch or the end plate.

### CONTINUOUS ROTATION

Use only for switches with 1 pole per deck.

1. Discard stop pins (or stop washers) and unnecessary retainers.
2. Mount the switch, using lockwasher and hex nut(s).  
(continued on next page)