

## 6-24111 SWING BRIDGE ALIGNMENT PROCEDURE

**NOTE!** This only turns the motor off at the correct time, when the bridge has reached its limit, it cannot affect the “travel” of the bridge. Use this procedure to synchronize the operation of the motor with the movement of the bridge. This adjustment will not affect the range of the bridge’s rotation for placement on the piers and track platforms.

Your Swing Bridge is equipped with two adjustment screws that control the operation of the motor at the start and stop of each cycle. The adjustment screws are concealed by “button” like covers at the front and rear of the accessory. (See Fig. 1 & 2 for adjustment screw locations.) While this accessory is factory-adjusted for proper operation, you may eventually find that the motor continues to run after the bridge is seated or that the motor turns off as the bridge is just beginning to start another cycle.

**Note!** Adjust the screws only if the clutch mechanism is clicking or the motor turns off at the start of the cycle. Make only small adjustments (less than a quarter turn of the screw) as both adjustments interact with each other.

***Clutch mechanism clicks after the bridge is seated on the support piers (open position)***

1. Rotate the 90-degree adjustment screw (see fig. 1) **counter-clockwise** (a small fraction of a turn).
2. Cycle the bridge to the closed position and back to the open position.
3. Be sure that the clicking has stopped and the bridge is seated properly on the piers.

***Motor turns off before the bridge is seated on the support piers (open position)***

1. Rotate the 90-degree adjustment screw **clockwise** (a small fraction of a turn).
2. Cycle the bridge to the closed position and back to the open position
3. Be sure that the motor runs until the bridge is seated properly on the piers.

***Clutch mechanism clicks after the bridge is seated on the track platforms (closed position)***

1. Rotate the 180-degree adjustment screw (see fig. 2) **counter-clockwise** (a small fraction of a turn).
2. Cycle the bridge to the open position and back to the closed position.
3. Be sure that the clicking has stopped and the bridge is seated properly on the track platforms.

***Motor turns off before the bridge is seated on the track platforms (closed position)***

1. Rotate the 180-degree adjustment screw **clockwise** (a small fraction of a turn).
2. Cycle the bridge to the open position and back to the closed position.
3. Be sure that the motor runs until the bridge is seated properly on the track platforms

BRIDGE BASE – REAR VIEW

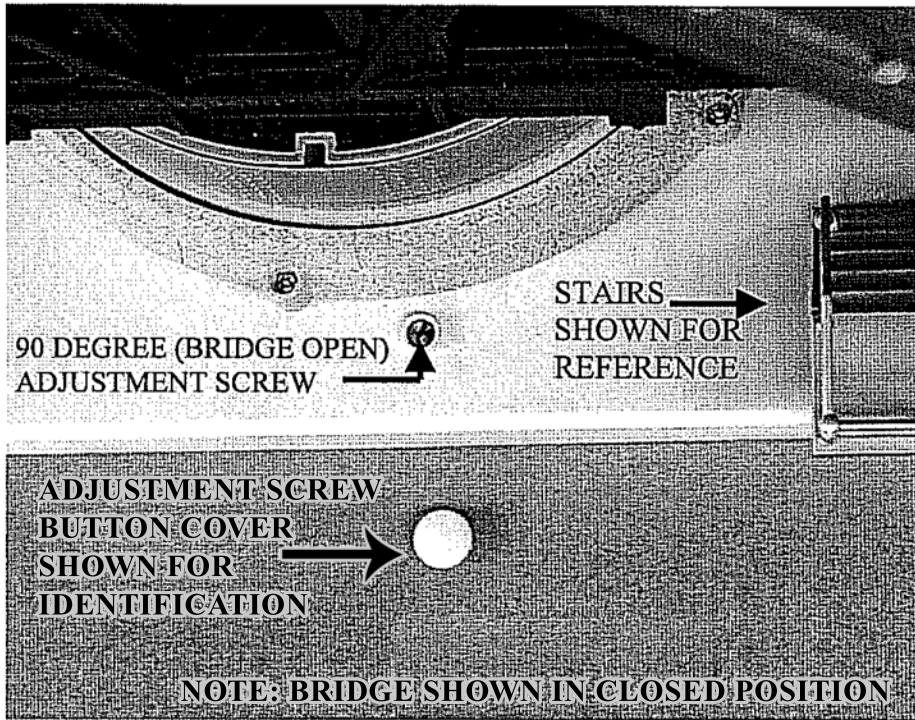


FIG. 1 90 DEGREE (BRIDGE OPEN) ADJUSTMENT SCREW LOCATION

BRIDGE BASE – FRONT VIEW

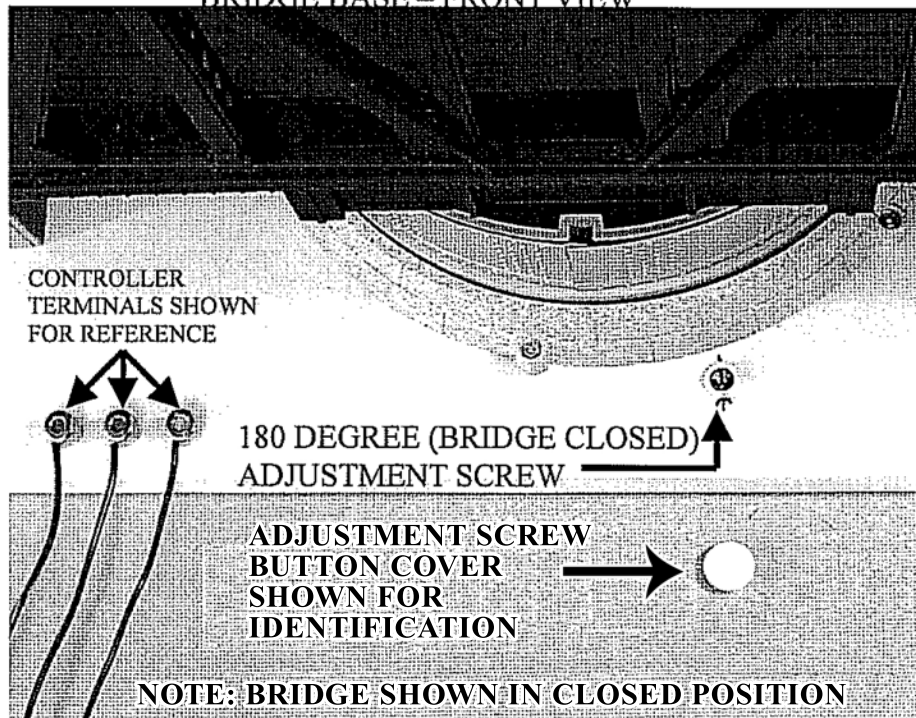


FIG. 2 180 DEGREE (BRIDGE CLOSED) ADJUSTMENT SCREW LOCATION