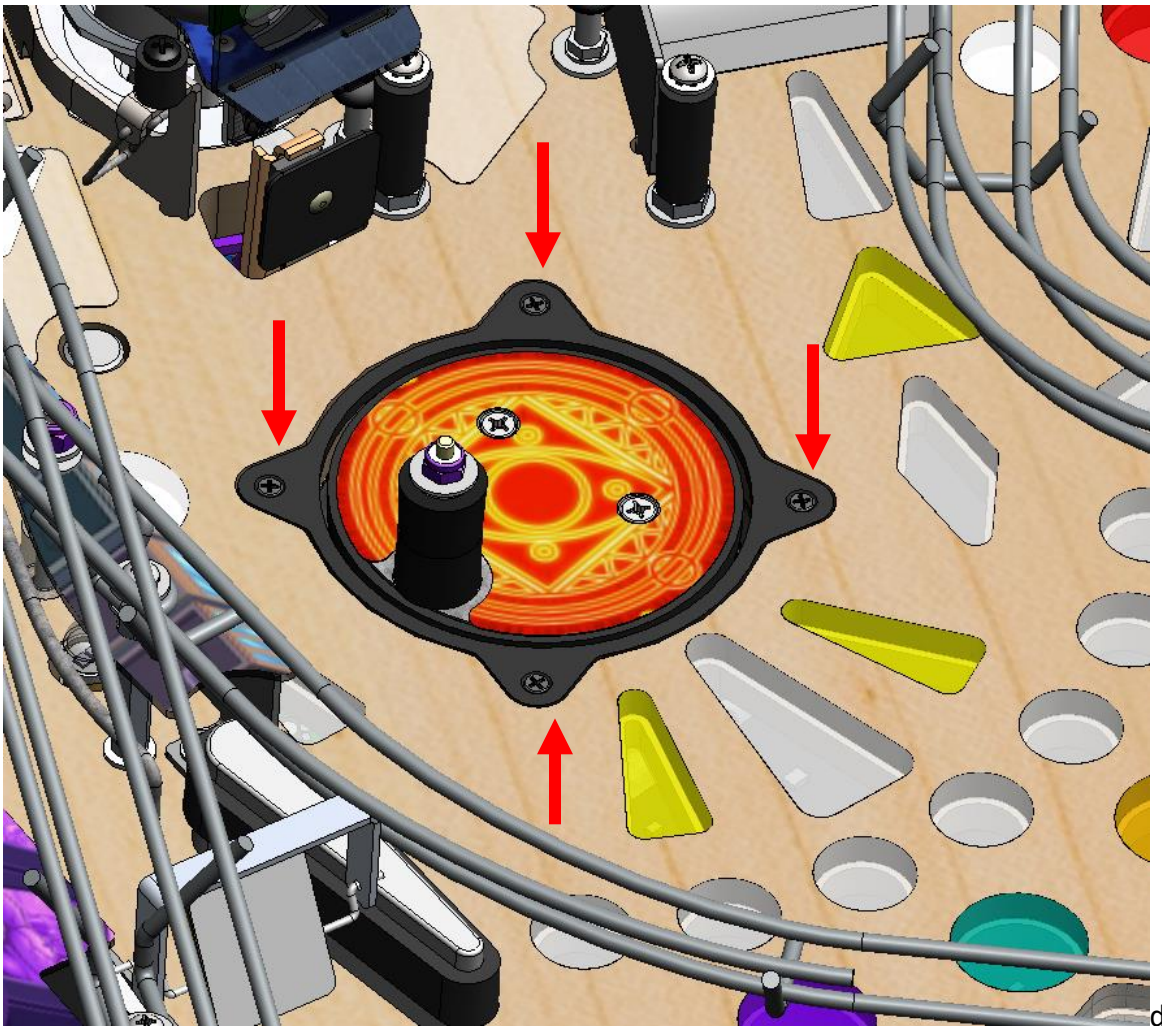




## Spinning Disc Adjustment Points and Procedure

### 1. Level Protection Ring to Playfield

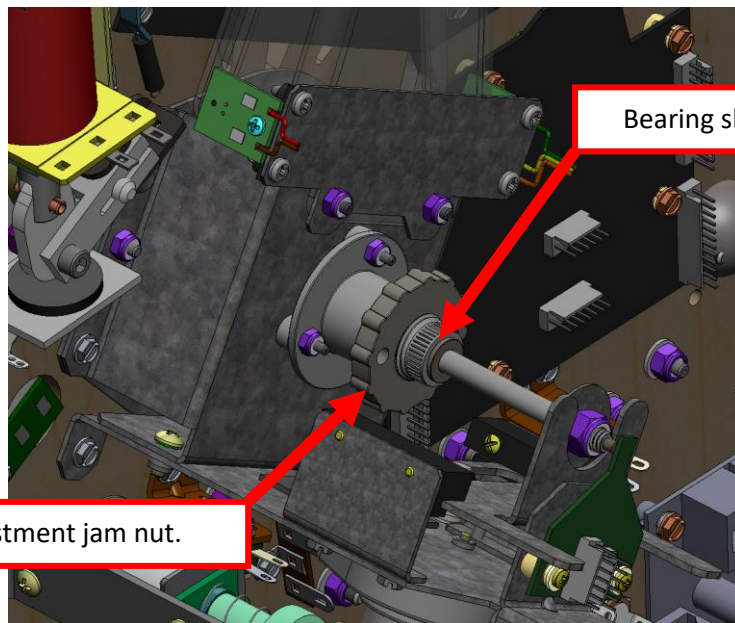
Using a #1 Phillips screwdriver, turn the four #4 screws at the indicated locations until the black protection ring is flush with the playfield wood routing. Tighten screws (clockwise) to lower ring, loosen screws (counterclockwise) to raise ring.



## 2. Level Disc to Playfield

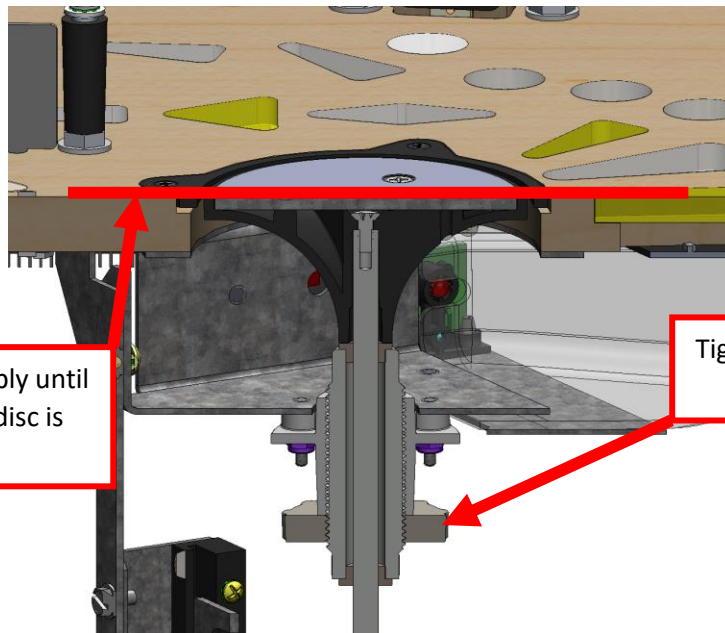
Raise playfield to service position. If adjusting a premium or limited-edition model, use Strange Disc Up/Down diagnostic test to move disc to 'down' position.

Loosen the adjustment jam nut. Turn the bearing shaft assembly to raise/lower the disc relative to the playfield. Retighten the jam nut once disc has been leveled.



Bearing shaft assembly.

Adjustment jam nut.



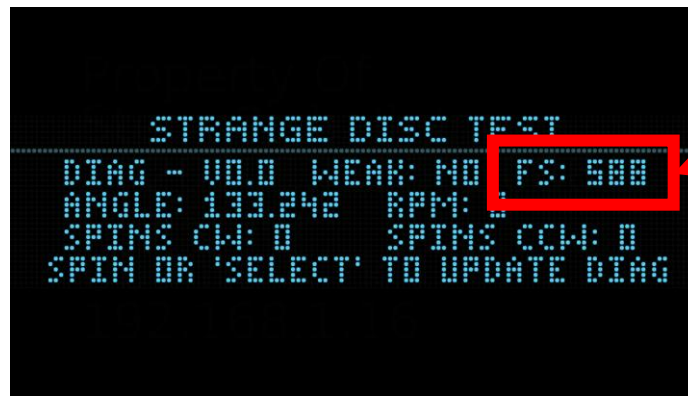
Turn bearing assembly until desired height of disc is achieved.

Tighten adjustment jam nut to lock in disc height.

### 3. Gap Magnetic Angle Sensor to Disc Shaft

Start Strange Disc diagnostic test. Ensure playfield interlock switch is engaged. With disc in 'down' position, press "START" to sample disc field strength. For best results, spin the disc such that the post is at the 12, 3, 6, and 9 o'clock positions, while pressing "START" at each position to sample field strength.

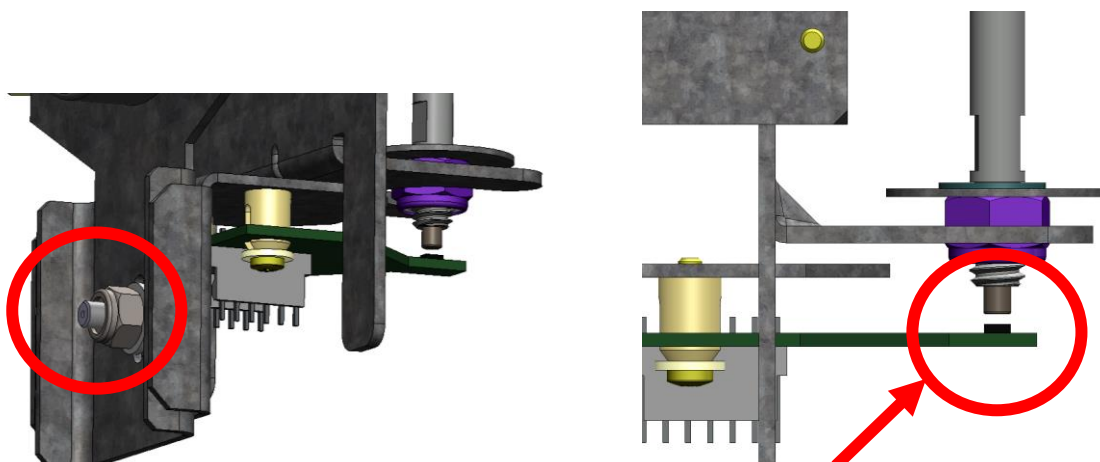
**The FS value should read greater than 300 at each of the four tested positions.** If it is not, adjustment of the sensor gap is necessary.



Sensor field strength value at last sampling.

To adjust sensor gap, loosen the circled 8-32 lock nut with an 11/32" nut driver. The sensor bracket can now be moved to change the gap between the magnetic tip of the shaft and the sensor board. The gap should be approximately 1/16", but it is best to confirm a good reading via re-sampling the sensor field strength using the Strange Disc diagnostic test.

Additionally, the sensor board can be moved left/right/forward/backward relative to the shaft by loosening the two 4-40 mounting screws securing the board to the adjustment bracket.



Gap between magnet and board should be around approximately 1/16" when disc in 'down' position.