

## Sensor Testing

1. Press the House Button
2. Press DIS/+ button
3. Press House Button Twice
  - a. Inner Window Shows – POS
  - b. Outer Windows Shows - ### (a number)
  - c. This is for testing the shaft position sensor
  - d. Rotate the balancer shaft until the number in the outer window shows 0
  - e. Slowly the shaft from 0 to 127. The number in the outer window should increase in increments of 1. Example 1, 2, 3, 4, 5.... If a number is skipped, example 1, 2, 3, 5, ..... the sensor is defective.
  - f. If the number in the outer window flickers the sensor may be defective
    - i. You can check its position in relation to the slotted wheel
      1. The wheel should be centered to the pickups on the sensor
    - ii. You can check the connection to the sensor
    - iii. You can clean (with light compressed air) to see if that corrects the issue.
  - g. If you determine the sensor is defective it must be replaced.
4. Press House Button
  - a. Inner Window – STA
  - b. Outer Window – Number
    - i. The number in the outer window should show between 450 – 550
    - ii. Flickering and bounce in the number is normal
    - iii. If the number shown is outside the required range the sensor can be adjusted. Call your service tech for tech help adjusting the sensors.
5. Press House Button
  - a. Inner Window – DYN
  - b. Outer Window – Number
    - i. The number in the outer window should show between 450 – 550
    - ii. Flickering and bounce in the number is normal
    - iii. If the number shown is outside the required range the sensor can be adjusted. Call your service tech for tech help adjusting the sensors.