

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.