

SERVICE BULLETIN

Subject: Authority22 End of Lane Sensor

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Distribution: Authority22 Customers

Bulletin No. SB07-6

Brunswick has recently changed the design of the end of lane sensor on the Authority22 Lane Machine that is used to stop the machine at the end of the pin deck. The original style was a proximity sensor and the new style is an optical sensor. As a result, the procedure for installing and adjusting the sensor has changed. The part number for this sensor, 14-100235-000, remains the same.

Proximity Sensor Removal

1. Unplug the sensor at the Molex connector.
2. Remove the plastic nut and rubber O-ring from the bottom side of the sensor.
3. Pull sensor out from the top, saving the two rubber O-rings from the old sensor.

Optical Sensor Installation

1. Remove one of the large plastic nuts from the bottom of the sensor.
2. Place one rubber O-ring onto the sensor and insert the sensor from the top, through the hole in the frame.
3. Reinstall the remaining rubber O-ring and plastic nut.
4. Tighten the bottom nut until you just begin to see white threads showing. Refer to *Figure 1*.
5. Snug the sensor by tightening the nut on the top side.
6. Tighten to "hand tight", and using a wrench, tighten one additional revolution. Refer to *Figure 2*.
7. Plug in the Molex connector.

No further adjustments are necessary.



Figure 1



Figure 2

If you have questions regarding this or any other Service Bulletin, please contact the Brunswick Customer Response Center at 1-800-937-2695 or 231-725-4966, FAX 231-725-4667, or E-mail crcsupport@brunbowl.com

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