

February 16, 2017

Product: Ishida WM-Ai Automatic Wrapper

Issue: Insertion Plate Sensor Harness Tension

Contents: Re-routing and Securing the Insertion Plate Sensor Harnesses



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## Issue

The insertion plate sensor harnesses on the Ishida WM-Ai auto wrappers manufactured before serial number 10025\*\*\*\*, production date: December 2016 and earlier, may be bound too tightly to provide sufficient movement during operation. This bulletin describes the procedure to reroute and secure the harness to avoid long term damage.

***NOTE:** These instructions to secure the sensor harnesses with sufficient slack to avoid binding points should be followed any time the insertion plate sensor is replaced.*

The following errors occur when the insertion plate sensors are not functioning.

- 0478-0000 -- Insert plate is not set for the upper
- 0479-0000 -- Insert plate is not set for the lower

The sensors can be checked in the Adjust menu > Unit Action > Sensor Check.

## Required Tools

- Wire snips
- Cable tie
- Philips screwdriver or 7mm socket with ratchet

## Part Numbers

- P/N 175361 Sensor assembly lower film, block B rear, white tube (100-002-8533-01)
- P/N 175362 Sensor assembly upper film, block B front, black tube (100-002-8532-02)

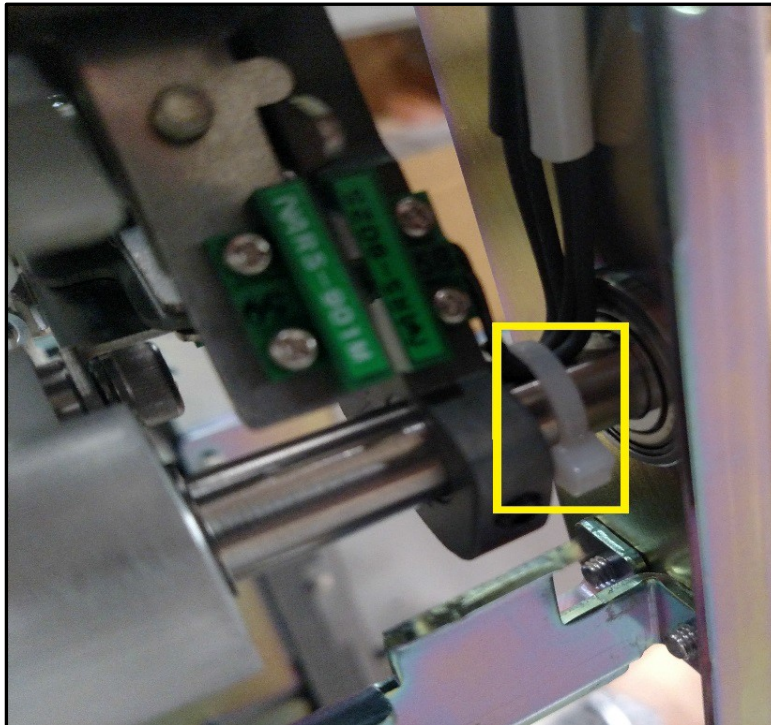
## Procedure

1. Power off the machine and unplug the power cable.
2. Open the left side film door shown in figure 1.



(Figure 1)

3. Carefully remove the cable tie on the end of the insertion plate rotation shaft at the front of the machine, outlined in figure 2.



(Figure 2)

4. Loosen two (2) 7mm bolts and remove the cutting bracket shown in figure 3.



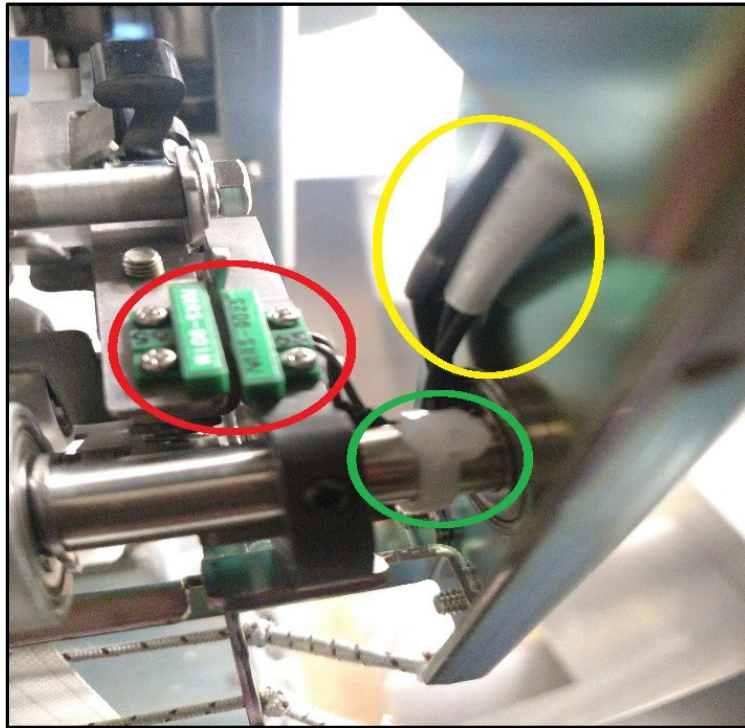
(Figure 3)

5. After removing the cutting bracket, gently pull both of the harness cables towards the front of the machine about half an inch. This will provide sufficient slack for the next step.



(Figure 4)

- Gently pull both harness cables down (yellow circle) to give the sensor connection (red circle) more slack and then apply a new cable tie firmly but not overly tight (green circle) shown in figure 5. The new cable tie will secure both sensor harnesses. (white tube and black tube)



(Figure 5)

- Reinstall the cutting bracket removed in step 4.

## Reference

For further information or guidance, please contact Rice Lake Weighing Systems.



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230 W. Coleman St. • Rice Lake, WI 54868 • USA  
U.S. 800-472-6703 • Canada/Mexico 800-321-6703 • International 715-234-9171 • Europe +31 (0)26 472 1319

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