

Sensor adjustment

(#315056-1)



You will find this sensor in three places on an individual wrapper (except on the 590HS model that has 1 for loading arm:

- 1) The plastic watch
- 2) The point zero
- 3) The dumping table
- 4) The loading arm (590HS only)

Specifications of this sensor:

This sensor reads the presence or the absence of metal. It should be adjusted 1/8" from the object it is reading.

There is a led indicator light inside the computer box (2013 and before) to tell you that the signal is getting to the computer (REF# A-IND-004 Computer card).

There is also an indication light directly on the end of the sensor. This will help you when installing a new sensor and setting the distance.

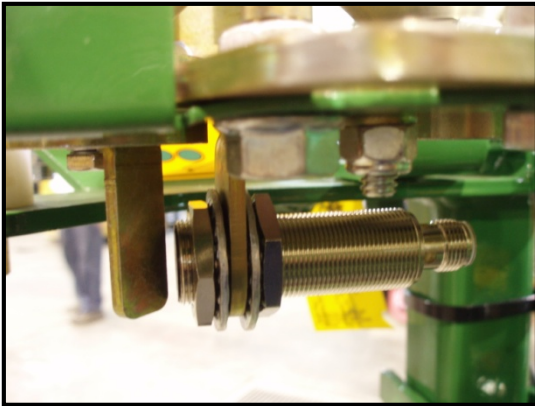
Maintenance:

This sensor requires little to no maintenance. The only thing to watch for is metal filings on the head of the sensor (as this sensor reads the presence of metal) and the alignment with the object it is reading.

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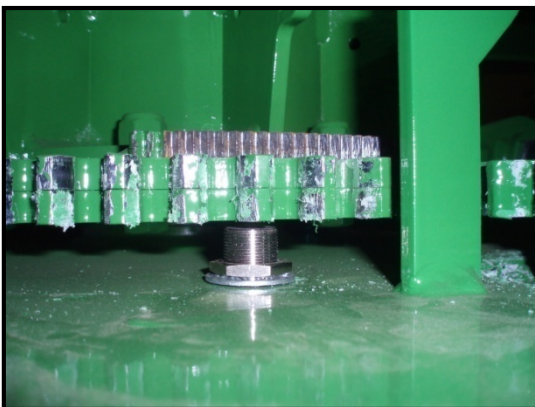
Plastic Watch:



The sensor will read the metal tag as the roller on the stretcher turns.

Note: This sensor can be deactivated with the remote control. After that, you can use it to replace one of the two other sensors that are necessary to run the wrapper (see remote control adjustments in the user manual).

Point Zero:



This sensor reads a hole in the main gear of the turntable. This tells the computer when the table is at point zero position. Be sure that the hole in the gear is free of grease and metal filings. In order to get a reading from this sensor you will have to turn the table of the wrapper. When it gets to the hole in the table it will shut out the indication light for a second in the computer box and at the end of the sensor.

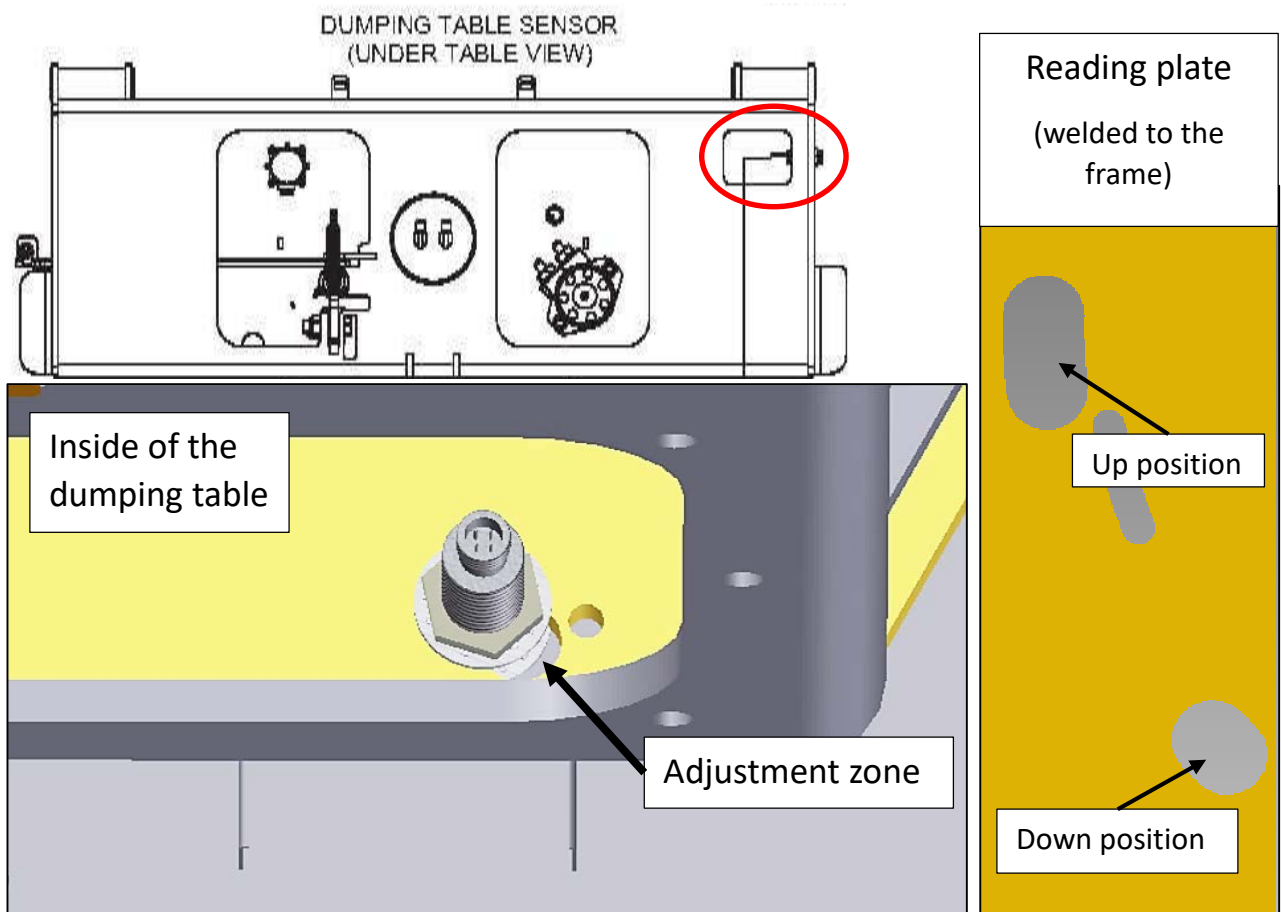
Note: If the sensor has been found defective. You can use the one from the plastic watch to replace it while you wait for a new sensor to be shipped from Anderson.

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Dumping table sensor:

Located on the side of the dumping table. It reads a hole in the frame when in the home position (down) and when it is in the dump position (up). Between these 2 holes, the sensor reads iron plate then lights itself and also in the computer (TAC-08C). The computer calculates the stroke and will close the cut n' hold when reaching the top hole. For an optimal result, you must adjust the gap between the sensor and the iron plate at $1/8"$. To troubleshoot, you may replace the defective sensor with the one from the plastic watch system. In order to do this you must deactivate the plastic watch on the remote control.



Note: Prior to adjust the unloading sensor, make sure the table is adjusted properly sideways. See [REF# A-IND-018 Unloading Table Adjustment](#).

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Loading arm sensor (590HS):

Located on the side of the frame at the bottom of the loading arm, it reads a metal plate allowing to move the loading arm when the turn table wrapping or alignment mode is activated. Once the sensor does not see the metal (when raising), the loading arm will stop to avoid the table to hit the bale. You will observe in the back of the sensor a light on when facing the metal. If the sensor has been found defective. You can use the one from the plastic watch to replace it while you wait for a new sensor to be shipped from Anderson. In order to do this you must deactivate the plastic watch on the remote control. See remote settings in the user manual.

