

# HEADSIGHT INC.



## CALIBRATION INSTRUCTIONS FOR JD SENSORS WITH HEADSIGHT INC. CONTROL BOX.



**Before starting make sure the header is locked up, disconnect all drive shafts to header and set parking brake.**

- 1) Install control box and attach and route light bar as seen in Headsight, Inc. manual.

### Calibrate JD Sensors

This process ensures that all sensors are “sensing” at similar points. It should be performed annually. Requires 2 persons – one in the cab sitting in the operator’s seat and one at sensors. Refer to Headsight, Inc. manual with other questions.

- 2) Start the combine, engage Header switch only, then put Dial-A-Matic switch to position 1.
- 3) Attach the five light indicator to the control box, (*at least one light should be on*)
- 4) Move one sensor arm back through its stroke until the arm just ceases to be parallel to the divider point. At this point the 5<sup>th</sup> (or last) light should come on.
- 5) To obtain the precise position for the 5<sup>th</sup> light coming on use varying sized washers placed in-between the sensor body and the snout on the 1<sup>st</sup> or 2<sup>nd</sup> bolt so that the sensor is rotated forward or back depending on the need. Because the JD potentiometer can not be adjusted the entire sensor must be using the washers.
- 6) Recheck the 5<sup>th</sup> light position and readjust if necessary. Repeat procedure for all sensors, perform seasonally.

### *Contour Master Calibration on D-A-M Combines*

The following procedure should be done every time a header is hooked up at the beginning of the season and after being used on another header. Check Header Calibration section of your JD manual. If this is not performed your header may not run level.

- 1) Complete the previous calibration procedure while sitting in the cab with combine running
- 2) Turn off Contour Master
- 3) Turn on power to the header.
- 4) Lower header as far as it will go.
- 5) Raise the head without stopping. While raising turn on the Contour Master when the sensors no longer make contact with the ground.
- 6) This calibration is so the Contour Master knows what voltage the sensors start at.

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