



White® 8000 Planters

Row by Row Load Sensor
Installation Instructions

PN: 2006434-ENG REV. B

Installation Overview

Required Parts

| Row by Row White 8000 Load Sensor Kit P/N: 4101417 (4 Rows) | | |
|-------------------------------------------------------------|-------|----------------------------------------------------|
| Part Number | Qty * | Description |
| 2002817-6 | 4 | Cable tie - 6in black |
| 2002820 | 1 | Cable clamp - 3/8in x 3/4in wide |
| 4003104 | 2 | Wire routing clip - 1/8" thick panel |
| 4005190 | 1 | Load cell sensor assembly - downforce (White 8000) |
| 4003520 | 1 | Anti-Seize Compound - Silver 7 gram pouch |

* Quantities listed are per row unit

Preliminary Installation Requirements

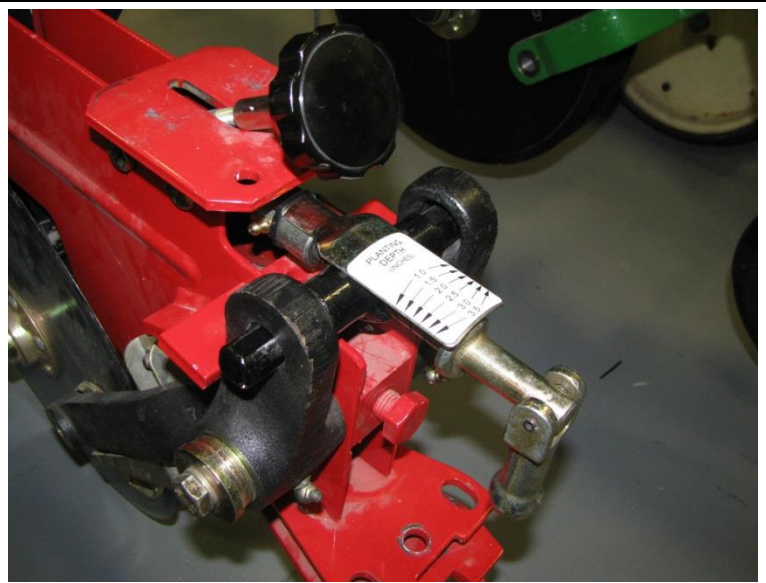


WARNING: Implement must be resting on hydraulic safety stops before beginning installation. Do not rely on hydraulic system alone to support implement. Hydraulics can fail - resulting in serious injury or death.

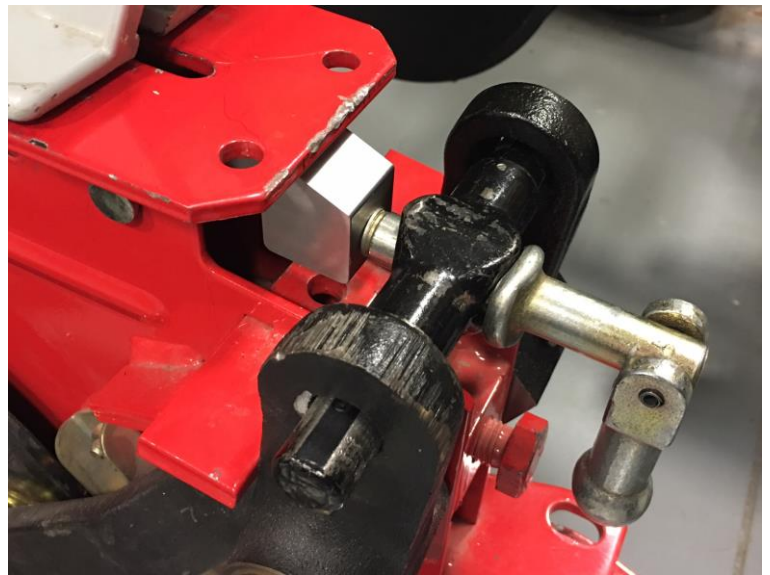
Hydraulic components of Ag Leader down force system and uplift spring (if applicable) should be installed prior to installing electronic components. Hydraulic components and uplift springs will dictate where cables for electronics must be routed.

Installation Procedure

1. Remove depth gauge from adjustment link by cutting zip tie and peeling off adhesive tape.
2. Remove depth adjusting screw from adjustment link by turning screw counter-clockwise.
3. Remove clevis pin and then adjustment link from row unit.



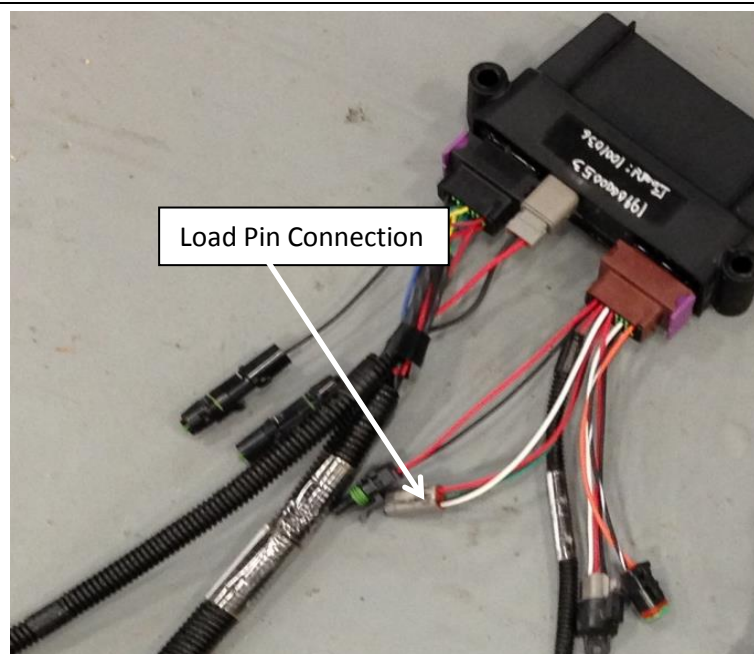
4. Install gauge wheel sensor in place of original adjustment link using original clevis pin. Take note of cable routing (forward through shank).
5. Install original depth adjusting screw into gauge wheel sensing adjustment link.
 - Apply anti-seize on the depth adjusting screw.



6. Remove cotter pin securing seed tube and partially remove it from shank so that gauge wheel sensor cable can be routed beside seed tube. Take note of the horizontal groove inside shank that allows cable to pass between seed tube and shank wall.
 - If cable routing method described is not desirable, install provided cable clips on top edge of shank in locations and secure gauge wheel sensor cable to clips using zip ties.



7. Continue routing gauge wheel sensor cable up through same hole in row unit that seed tube sensor cable passes through.
8. Reinstall seed tube and secure with original cotter pin. Make sure gauge wheel sensor cable remains in groove when reinstalling seed tube to prevent damage to cable.
9. Connect the Load Pin to the appropriate lead on the RCM I/O Cable. Make sure cable plug is fully seated into module receptacle by verifying that the locking tabs of plug are engaged.



10. Repeat steps for each row unit that will be equipped with a gauge wheel sensor.