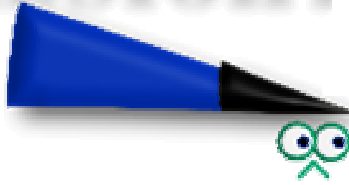


# HEADSIGHT INC.



## JD 600F HydraFlex to CIH 2300 INSTALLATION GUIDE

- Section 1. General Information
- Section 2. Control Box Installation
- Section 3. Hydra Flex Installation
- Section 4. Headsight Hydraflex Adapter Installation
- Section 5. Cable Routing

1. **OPERATION:** The Height Control Adapter system is designed to interface the new JD 600F Hydraflex to a 2388 combine. You will need the following items:
  - 1.1. The Headsight Adapter Unit HP0-IH23-31Q including interface box and adapter wiring.
  - 1.2. The JD Hydraflex Cab Conversion Kit (BH84096) modified by Headsight (BH84096-IH23) and manual.
2. **CONTROL BOX INSTALLATION:** The first step is to mount the Headsight Interface box on the rear of the 600F Platform near the Left side of the feederhouse as shown in the Headsight CIH installation manual. Install the power wire into the cab to the fuse box as shown in the manual. Note that the Interface box includes an adapter to plug into the CIH Lights connector to the header. You can also add a wire from the headlights to the Stubble Lights plug if your head has stubble lights installed.
3. **HYDRA FLEX INSTALLATION:** Follow the instructions in the Hydraflex conversion Installation manual, modifying positioning as necessary to fit the CIH cab. The following modifications should be made to the instructions:
  - 3.1. Steps 19 Thru 26 deal with the hydro handle plug connections. Substitute the steps in Section 4 below.
  - 3.2. Steps 28 thru 36 deals with routing the wires out of the cab. You will route those wires out the same plug used in section 4.

4. **INSTALLING THE HEADSIGHT HYRAFLEX ADAPTER HARNESS:**
  - 4.1. Open the access door to the right of the cab and clean the connection plug area THOROUGHLY
  - 4.2. Unplug the round 31 pin connector CIH labels CONN. 2 (see included Diagram).
  - 4.3. Remove the screws holding the connector access plate to the lower right corner of the cab and pull whole unit outward.
  - 4.4. From inside the cab, place adapter harness so the end with the loose wires extends out the access plate hole.
  - 4.5. Back outside, carefully use the included tool to do the following steps:
    - 4.5.1. From the inside side of Conn. 2, remove the Lt Blue wire labeled 458 from term 8. Immediately insert it into position B of the 3 pin Deutsch connector provided with the adapter harness.
    - 4.5.2. Insert the Dark Blue wire into the spot on Conn. 2 (pin 8) vacated by wire 458.
    - 4.5.3. From the inside side of Conn. 2, remove the Lt Blue wire labeled 453 from term 9. Immediately insert it into position A of the 3 pin Deutsch connector provided with the adapter harness.
    - 4.5.4. Insert the Dark Green wire into the spot on Conn. 2 (pin 9) vacated by wire 453.
    - 4.5.5. Insert the Purple wire into empty pin location 29 on Conn. 2. You may need to remove the white cavity plug first
    - 4.5.6. Insert the Orange wire into Conn. 2 (Pin 30).
    - 4.5.7. Insert the Grey wire into Conn. 2 (Pin 31).
  - 4.6. Attach the red wire of the adapter harness to the fused side of fuse F21.
  - 4.7. Attach the Black wire to any good Ground in the Fuse panel.
  - 4.8. Route the Adapter cable up to the JD Hydro handle connection Y on the JD Conversion harness and plug 5 pin connectors together.
  - 4.9. On the 3 wire JD Adapter harness that goes down the feederhouse, insert the loose end with Deutsch pins and sockets so they feed thru pins 29-31 of Conn. 2., the same way JD suggests routing them thru one of their AMP plugs, as follows:
    - 4.9.1. Insert wire labeled 498 into the outside plug of Conn. 2 (Pin 29).
    - 4.9.2. Insert wire labeled 497 into the outside plug of Conn. 2 (pin 30).
    - 4.9.3. Insert wire labeled 413 into the outside plug of Conn. 2 (pin 31).
  - 4.10. Reinstall connector access plate bolts and plug in Conn. 2.
  - 4.11. Route the Feederhouse cable around under the cab and down the OEM feederhouse cable assm. to the Left front corner to attach to the Interface box wiring.
5. **CABLE ROUTING: NOTE:** Cable routing properly takes time, but is essential to long life of electrical controls. Take the time to fully understand the routing requirements, and carefully route and tie all cables in safe locations away from heat, wear, or pinch points.

**If you have any difficulty with wire lengths, tilting incorrectly, etc. please contact Jeff Kennell at 815 257 4160.**