AutoSort Connect control kit installation guide

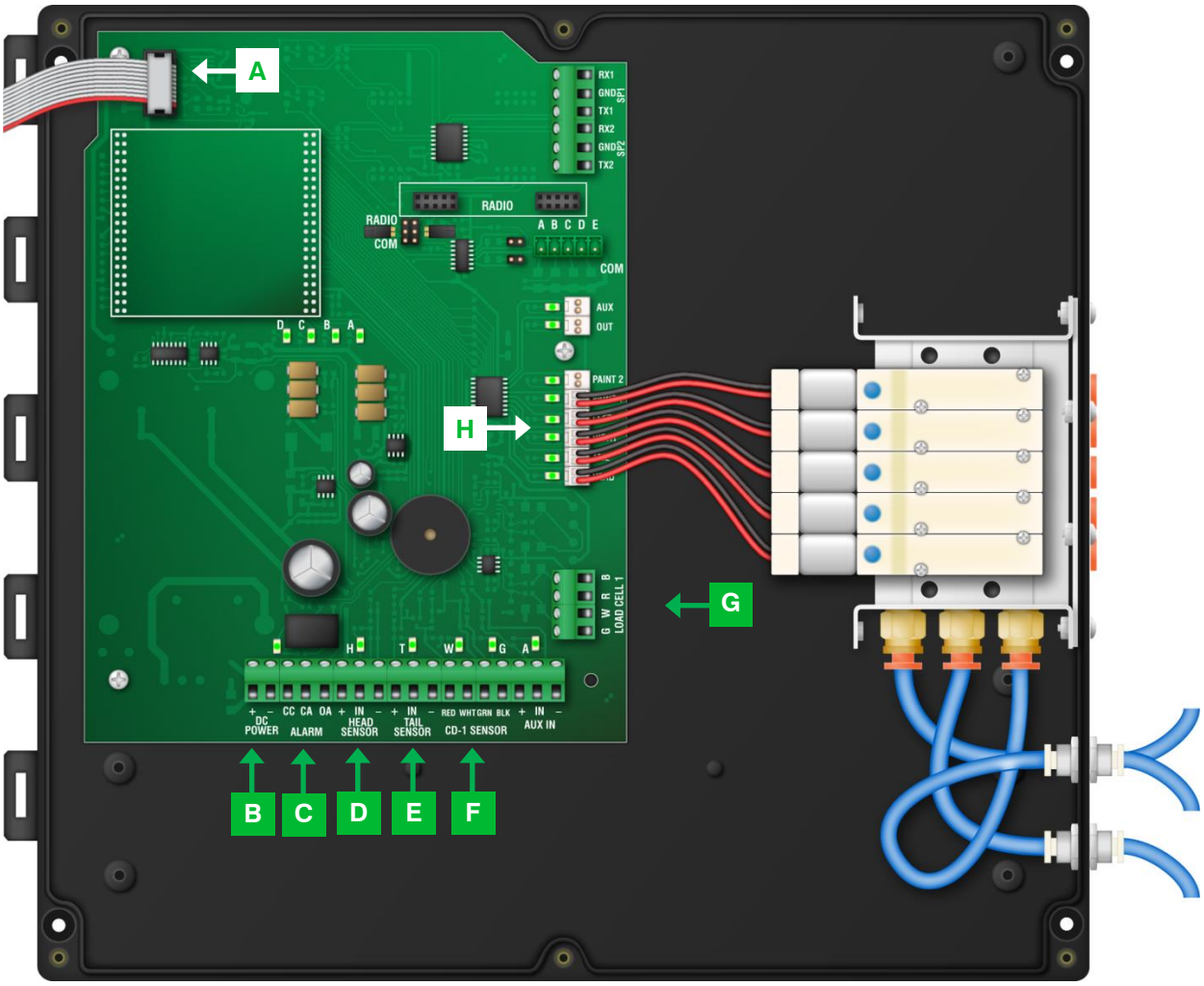
This procedure explains how to install AutoSort Connect control kit model **KASC-CONTROL**. Follow the steps in the order they are listed.

Remove the old control board

1. Switch off the power and air supply to the AutoSort Connect.
2. Loosen the four screws in the front cover and then swing it open.
3. Unplug the ribbon cable from the control board.
4. Label and then remove all wires from the board.
5. Remove the three screws fastening the board to the enclosure, and then remove the board.

Install the new control board

1. Remove the new control board from the bag.
2. Fasten the board to the enclosure using the three screws.
3. Reconnect all wires to their original positions.
4. Plug the ribbon cable into the control board.
5. Verify all wires are properly connected to their correct locations. Refer to the diagram on the following page.
6. Switch on the power and air supply to the AutoSort Connect.
7. Verify the AutoSort Connect operates properly. If it does not operate properly, check the wire and cable connections.
8. When finished, close the cover and then tighten the four screws.



A	**Ribbon cable:** Make sure the ribbon cable is properly connected to the control board.
B	**Incoming power terminal:** Connect the Regulated Power Supply (RPS) to this terminal.
C	**Alarm relay terminal:** Connect an external alarm system or alarm siren to this terminal.
D	**Head gate sensor terminal:** Connect the sorter's head gate sensor to this terminal.
E	**Tail gate sensor terminal:** Connect the sorter's tail gate sensor to this terminal.
F	**Color Detector terminal:** Connect the optional Color Detector (CD-1) to this terminal.
G	**Load cell terminals:** Connect the sorter's load cell to these terminals.
H	**Solenoid connectors:** Make sure the solenoid wires are properly connected, in the order shown above. The LEDs (lights) beside each connection indicate whether that solenoid is powered on.

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