

The following illustrates the steps necessary to install the new 60" merchandiser to an installed 60" Flavor Select or 60" IBD unit. For instructions on how to install the 60" Flavor Select or 60" IBD units, visit lancercorp.com to download unit manuals and instruction sheets:

LANCER PN: 28-0255/12, IBD22-30, SERIES 4500, OPERATION MANUAL

LANCER PN: 28-0558/05, FLAVOR SELECT 30, OPERATION MANUAL

LANCER PN: 28-2831/02, FS44, FS60, MERCHANDISER, RETROFIT KIT

Parts List

82-5048 - IBD 60 Merchandiser Assembly

51-6645 Merchandiser Bezel Assembly

51-6648 Merchandiser Box Assembly

82-5047 - FS 60 Merchandiser Assembly

51-6645 Merchandiser Bezel Assembly

51-6650 Merchandiser Box Assembly

52-2904 Ballast Extension Harness

52-3624 Keyswitch Harness



Installing - Box Frames

⚠ WARNING

UNIT MUST BE UNPLUGGED FROM POWER SOURCE BEFORE ANY COMPONENTS ARE REMOVED OR INSTALLED.

1. Unplug dispenser from power source.
2. Remove any existing merchandiser or lighting assemblies from both units.
3. Install box frame, with LED driver attached to inside wall, to the left side unit by sliding frame into the manual fill zone at the top of the unit.

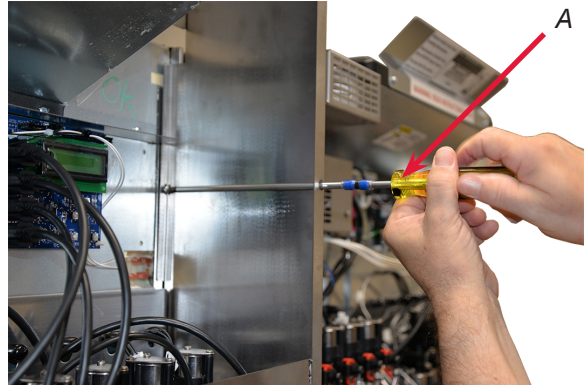
⚠ ATTENTION

Be careful not to pinch wires when installing new metal box frames.

NOTE

LED Driver on the FS unit is installed on left side wall of box frame and on the right side wall for IBD 4500 units.

4. Using a long screwdriver (minimum 10" in length) and screws provided secure box frame to unit.



A. 10" (min) Screwdriver

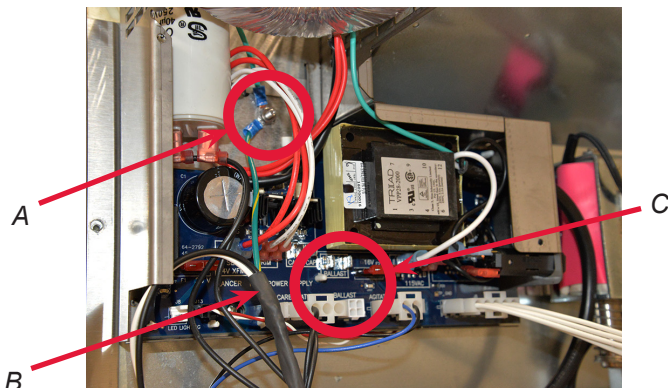
5. Repeat Steps 3 - 4 for the right side box frame.

Installing LED Driver - FS

NOTE

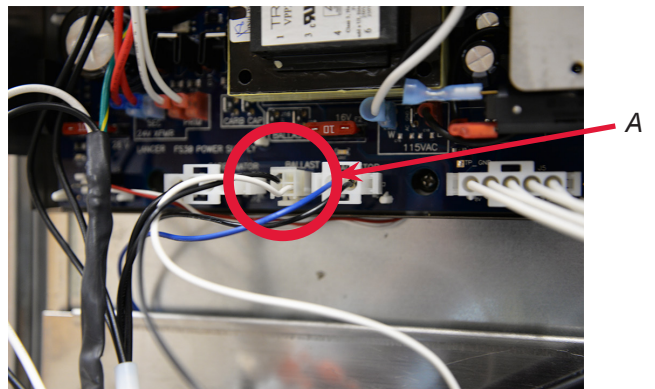
The following steps illustrate how to install the LED Driver for the FS60 unit. If kit is being installed to an IBD 60 unit, skip to next section.

1. Unplug existing ballast connections on electrical board from the left side unit.
2. Unscrew ground connection at the top of the left side unit. Install LED driver ground connection to unit ground connection.



A. Ground Connection
B. LED Driver Harness
C. Unplug Ballast Conn.

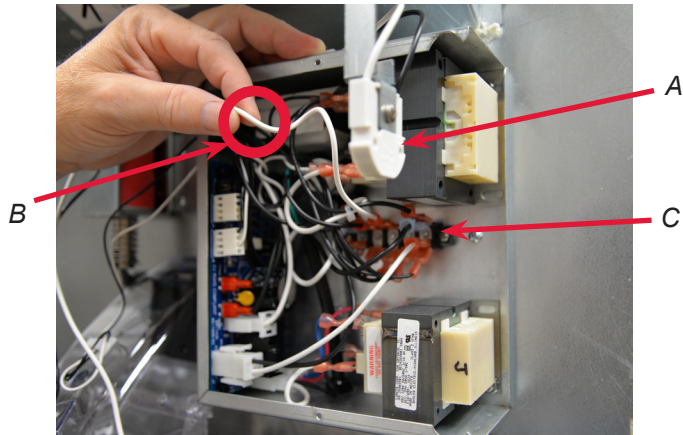
3. Plug terminal wires of LED Driver to ballast extension harness (PN: 52-2904) included with kit, then connect extension harness to ballast connection at unit.



A. LED Driver Extension Harness Connection (PN: 52-2904)

Installing LED Driver - IBD

1. Unscrew one of the ground connections, located on the left side of the unit electrical box, and install LED driver ground connection (green) to the open ground connection.
2. Using a screwdriver, remove the left side unit's electrical box cover.
3. Follow the (black and white) cables of one of the fluorescent light brackets to the power strip in the electrical box and unplug cables.

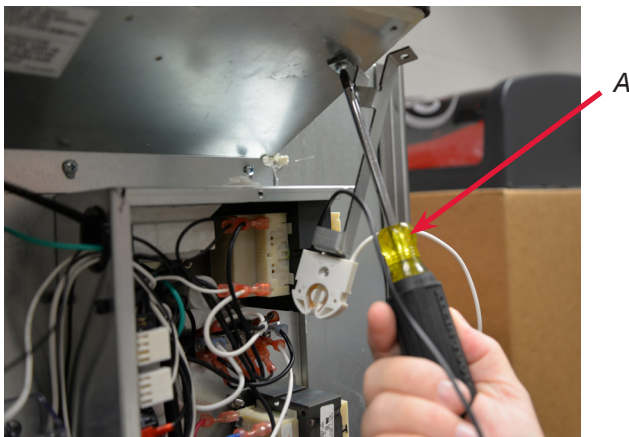


A. Fluorescent Light Bracket
B. Follow Power Cords
C. Power Strip

4. Using a screwdriver, remove the fluorescent light bracket and set aside.

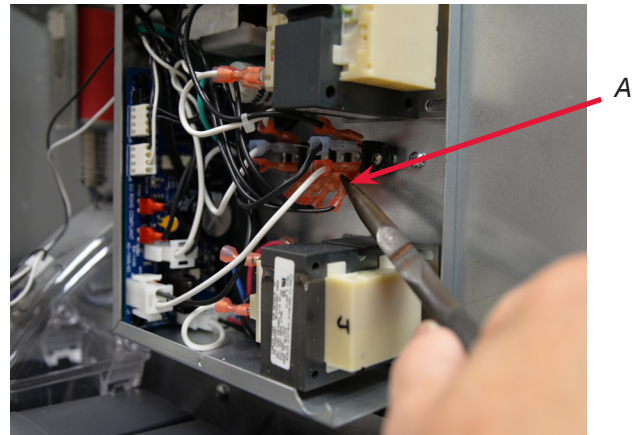
NOTE

Removal of the fluorescent light brackets are only required for existing IBD units in the field. Any new IBD units will have brackets already removed.



A. Remove Fluorescent Light Bracket

5. Repeat steps 3 - 4 for second light bracket.
6. Locate the transformer on the upper left side of the electrical box. Use wiring diagram for reference.
7. Follow the (black and white) cables of the transformer to the power strip in the electrical box and unplug cables.



A. Unplug Transformer from Power Strip

8. Route power cables (black and white) of LED driver through opening in electrical box and plug into power strip.

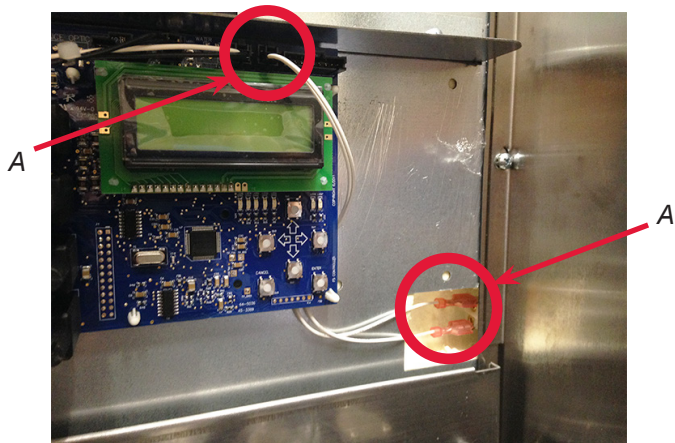


A. Ground Connection
B. LED Driver Cables
C. Power Strip

9. Re-install electrical box cover.

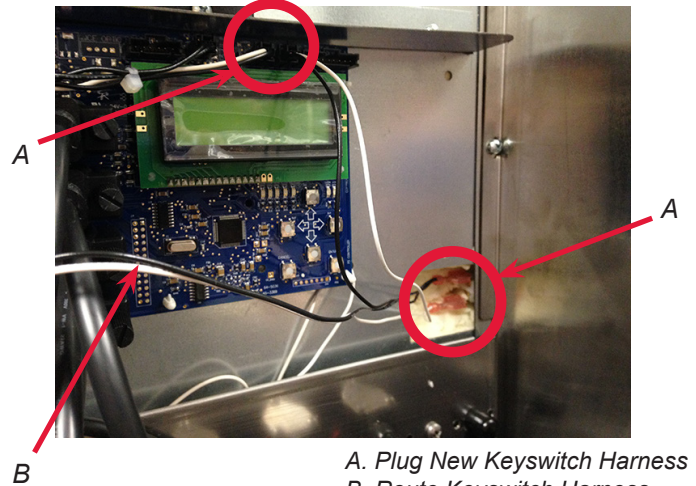
Installing Keyswitch - FS

1. Unplug the existing keyswitch harness from unit and unit control board for both left and right side units.



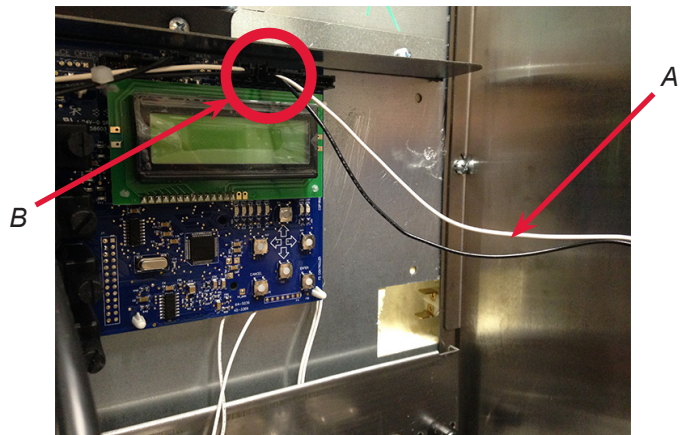
A. Unplug Existing Keyswitch Conn.

2. Plug new keyswitch harness (PN: 52-3624) included with kit, to existing keyswitch connection on the right side unit.
3. Plug short end of new keyswitch extension harness to control board on right side unit.



*A. Plug New Keyswitch Harness
B. Route Keyswitch Harness*

4. Route long end of keyswitch extension harness to left side unit, through holes in left and right side box frames.
5. Plug long end of keyswitch harness to left side unit control board.



*A. Routed Keyswitch Harness
B. Plug into Left-Side Unit*

Installing Merchandiser

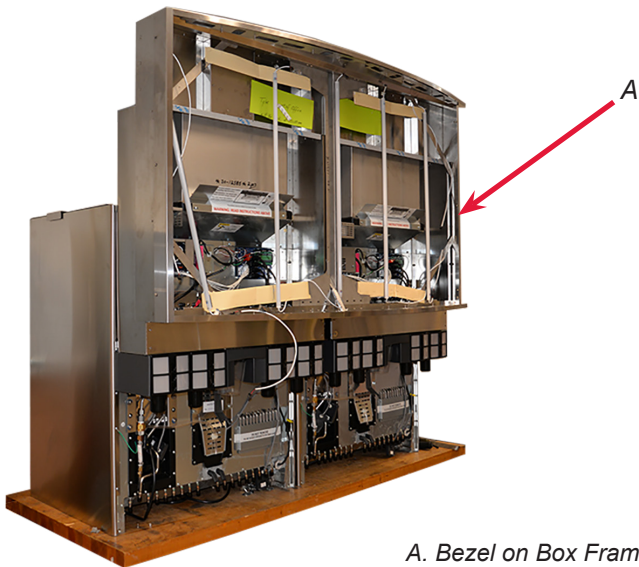
NOTE

Steps 1 - 4 illustrate how to install bezel frame and graphic lens using only one installer. Steps 5 - 8 require the use of two installers to install bezel frame and graphic lens to unit.

1. Remove the graphic and graphic lens from the bezel frame in kit by removing bezel frame cap on either side of the bezel frame.
2. Lift bezel from center support and slide into place onto installed box frames.

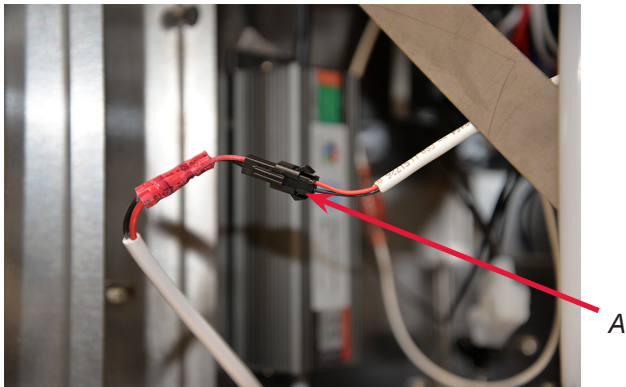
⚠ ATTENTION

Be careful not to pinch wires when installing new bezel frame.



A. Bezel on Box Frame

3. Connect LED light connector on left side of bezel frame to LED Driver.



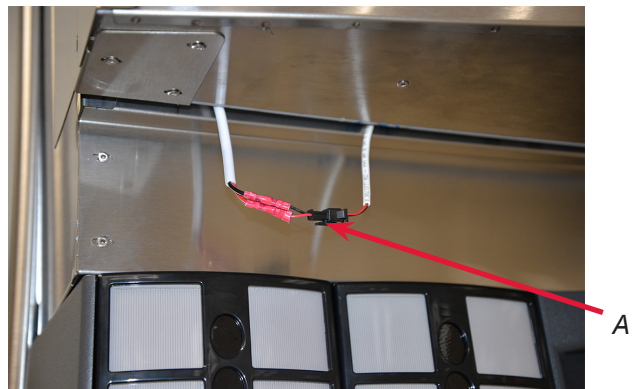
A. LED Driver Connection

4. Re-install graphic and lens to bezel frame and reconnect cap to secure in place.
5. Using two installers, lift the bezel frame, graphic, and graphic lens and install in place on box frames.

⚠ ATTENTION

Be careful not to pinch wires when installing new bezel frame.

6. Tilt the bezel frame forward, from the bottom of frame, and connect the LED light connection to the LED Driver on the left side of unit.



A. LED Driver Connection

7. Tilt bezel back into place once LED light connection is made.
8. Plug in left and right units into power source and test operation of keyswitch and merchandiser.

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