

EA SPORTS™ PGA TOUR® Golf Challenge Edition Back-lit Tournament Header Installation

Document Part #: 040-0101-01

This document describes the procedure for installing the backlit tournament header on a dedicated EA SPORTS™ PGA TOUR® Golf **Challenge Edition** cabinet. For upgrade cabinets, contact your distributor for information on tournament header options.

Kit Contents:

- This Instruction Document
- Two-foot DC power cable (PN: 115-0057-01)
- Tournament Header Assembly (PN: 47009-00)
- Five-foot DC power cables (PN: 115-0058-01)
- Header Controller Board (PN: 990-0008-01)
- Six-foot DB25 control cable (PN: 115-0059-01)
- Four plastic standoffs with wood screws
- Six #10 x 5/8" Torx security screws

Tools Required:

- Screwdriver with assorted Torx and Phillips bits
- Drill with small bit for pilot holes

Procedure:

1. Disconnect the cabinet from AC power.
2. Remove the eight (8) Torx security screws that secure the blue plastic marquee housing in place, and remove the marquee housing.
3. Center the tournament header on top of the cabinet as shown below.

Important: make sure the tournament header is pressed firmly against the arc-shaped board.

4. Secure the tournament header through the hinge with three (3) #10 x 5/8" pan head Torx security screws from the kit.

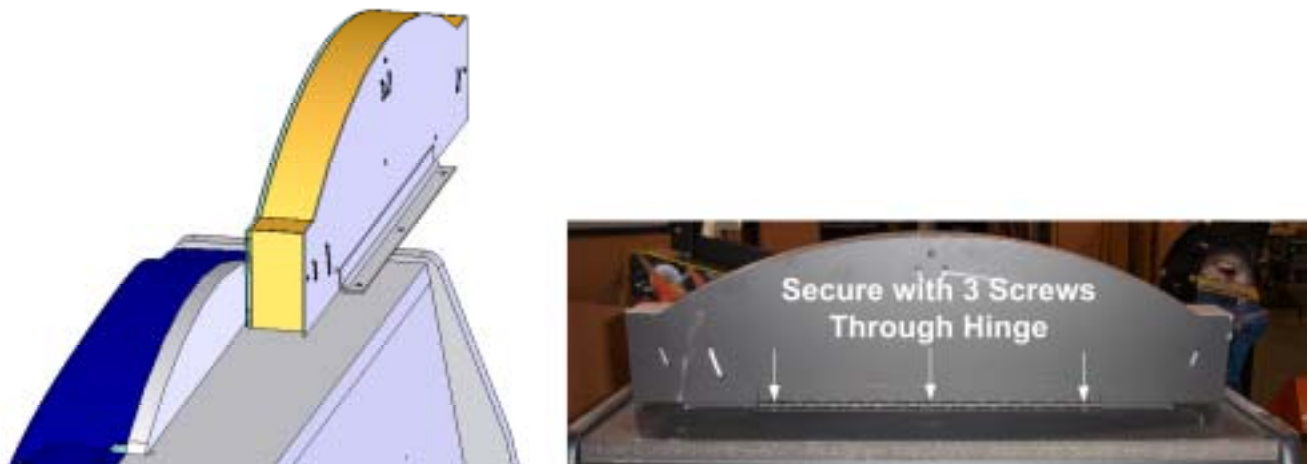


Figure 1. Center the Header on the Cabinet

5. Fold the tournament header down on its hinge and route the harness from the header around the florescent light fixture as shown below.



Figure 2. Route Harness Around Florescent Fixture

Caution: To prevent electrostatic discharge (ESD) damage, handle the header controller board by the edges only and use a grounding wrist strap or similar precaution.

6. Place the header controller board (PN: 990-0008-01) inside the cabinet and secure it with the four (4) #8 x $\frac{3}{4}$ " wood screws and plastic stand-offs from the kit, as shown in Figure 3.
7. Refer to Figure 4 for a wiring diagram. Connect the 6-foot LED control harness (PN: 115-0059-01) to the DB-25 connector from the tournament header and **J1** on the header controller board. Use nylon tie-wraps as shown to secure the cable to the controller board.
8. Connect the 5-foot DC power harness (PN: 115-0058-01) to the power connector from the tournament header and **J3** on the header controller board.
9. Connect the 2-foot DC power harness (PN: 115-0057-01) from **J2** of the header controller board to a spare power connector on the cabinet 5/12 VDC power harness.



Figure 3. Header Controller Board Installation

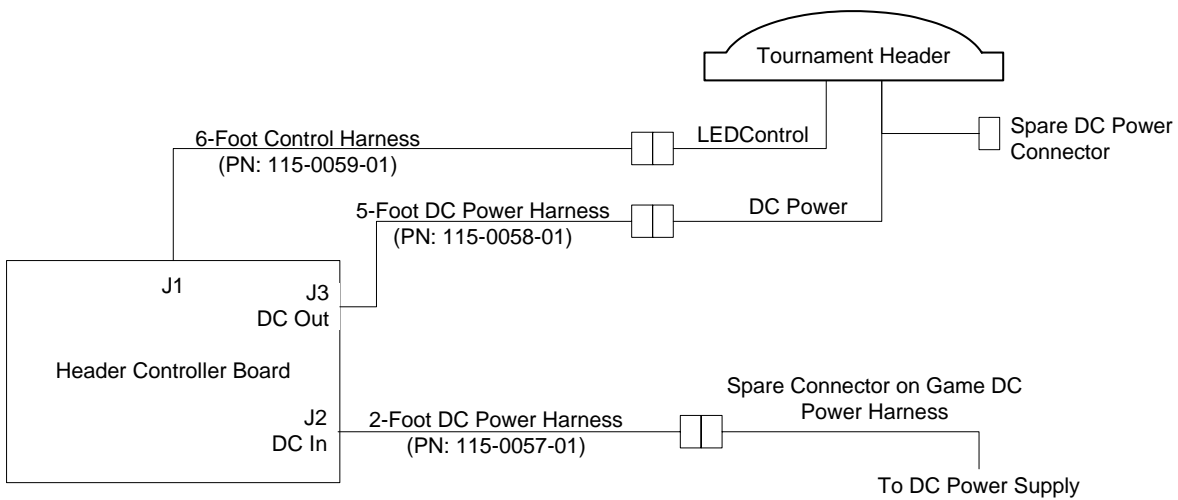


Figure 4. Backlit Tournament Header Wiring Diagram

- Re-install the plastic marquee housing so that the harness passes through the hole in the plastic as shown below. Secure the marquee housing with the screws removed previously.

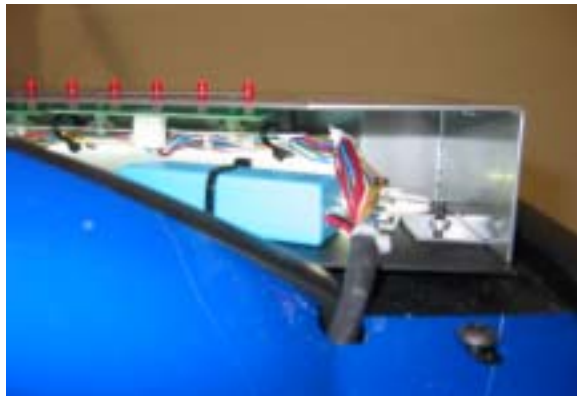


Figure 5. Pass the Harness Through the Marquee Housing

- Fold the tournament header up on its hinge and secure it to the arc-shaped board through the holes in the back plate, with three (3) #10 x 5/8" pan head Torx security screws from the kit, as shown below.



- Power on the cabinet and verify the tournament header lights up.