

GL-7248-WRD

WIRED LED GOAL LIGHT

ITEM	PART #	QTY
1	TRANSCIEIVER (NO RADIO)	2
2	18" STRIP	8
3	21" STRIP	10
4	5-PIN CABLE, 8"	2
5	24VDC POWER SUPPLY	2
6	18" EXTENSION CABLE	2
7	SHORT STRIP CONNECTOR HARNESS	16
8	LONG STRIP CONNECTOR HARNESS	2
9	4' EXT POWER CABLE (CUT)	2
10	1/2" STRAIN RELIEF	2

* Verify that all parts are present.

TOOLS REQUIRED

- Rubbing Alcohol
- Cleaning Rags
- Screwdrivers

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LED LIGHT STRIP - INSTALLATION INSTRUCTIONS

STEP 1

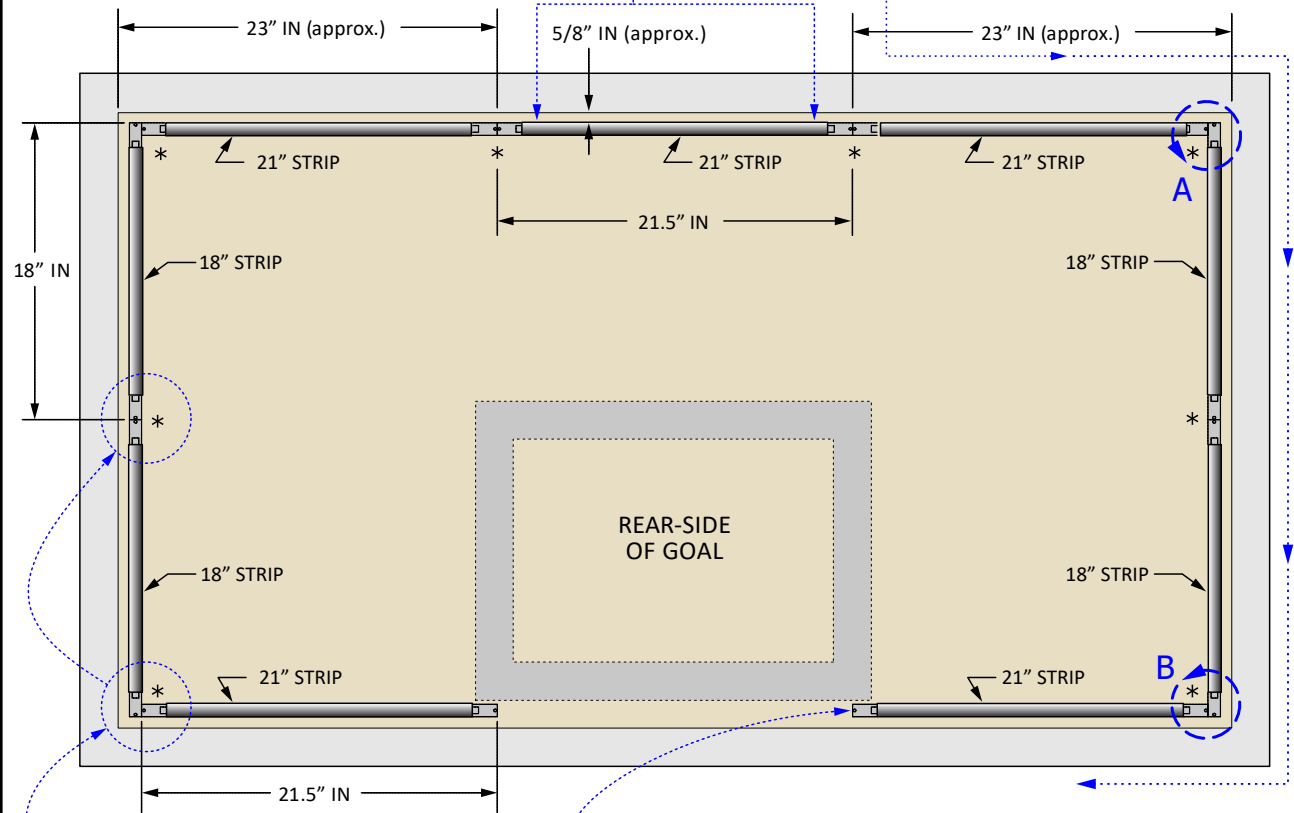
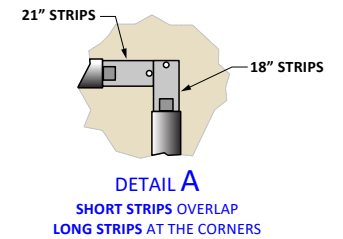
THOROUGHLY CLEAN GLASS USING RUBBING ALCOHOL TO REMOVE ANY GRIME OR RESIDUE WHICH MAY IMPAIR THE BOND OF THE ADHESIVE.

STEP 2

CENTER THE 21" STRIP HORIZONTALLY TO THE GOAL, AND 5/8" INCH BELOW THE GOAL BORDER TAPE.

STEP 3

CONTINUE AROUND PERIMETER WITH NO GAP BETWEEN STRIPS. REPEAT ON THE OTHER SIDE.



STEP 4

INSTALL SHORT STRIP CONNECTOR HARNESSES BETWEEN 18" STRIPS AND 21" STRIPS AT CORNERS, SIDES, AND TOP (*).

NOTE:

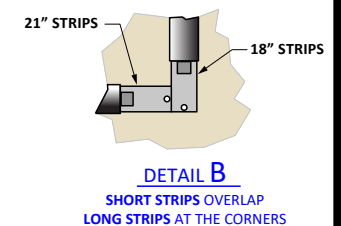
18" STRIP, 21" STRIP, AND STRIP CONNECTOR HARNESSES ARE BI-DIRECTIONAL.

STEP 5

CONNECT THE LONG STRIP CONNECTOR HARNESS TO THE LAST 21" STRIP.

STEP 6

REPEAT STEPS TO INSTALL GOAL LIGHT TO 2ND BACKBOARD.



GOAL LIGHT WIRED TO SCOREBOARD

STEP 1

CAUTION
DISCONNECT POWER
BEFORE INSTALLING

STEP 2

INSTALL TRANSCEIVER WITHIN REACH OF THE DATA INPUT CABLE AND K15 DRIVER BOARD RADIO INPUT.

STEP 3

UNPLUG DATA CABLE FROM DRIVER BOARD K28, THEN CONNECT IT TO TRANSCEIVER DATA IN.

STEP 7

LOOSEN NEUTRAL (N) AND HOT (L) TERMINALS AND CONNECT WIRES TO TERMINALS AS FOLLOWS:

- L (HOT) - SMOOTH SIDE OF CORD
- N (WHT) - RIDGE OR LINE SIDE OF CORD

DO NOT DISCONNECT EXISTING WIRES. TIGHTEN TERMINAL SCREWS.

CONNECT TO GOAL LIGHT

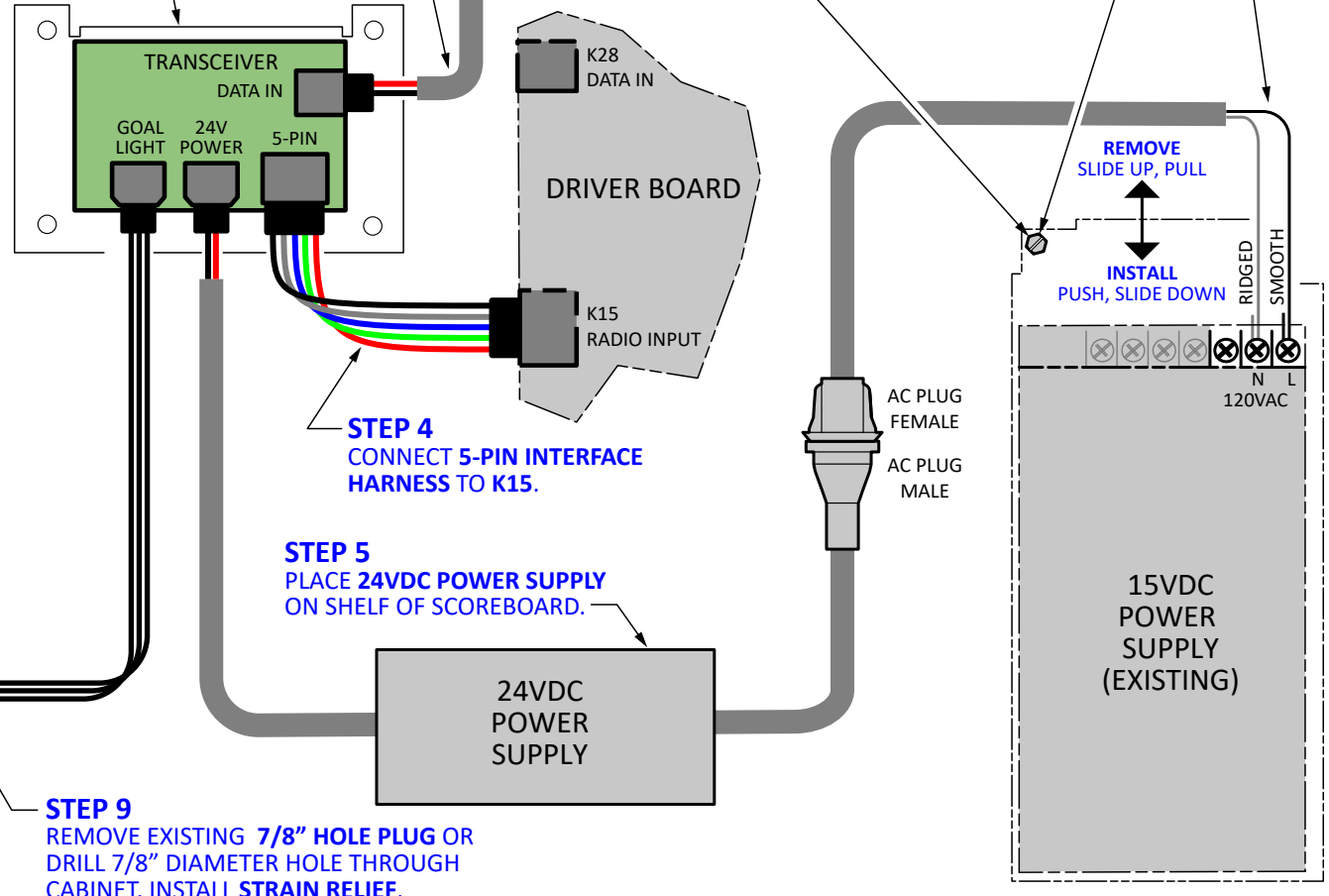
STEP 10
CONNECT CUSTOM LENGTH LONG STRIP CONNECTOR HARNESS TO GOAL LIGHT AND TRANSCEIVER.

STEP 6

REMOVE AND SAVE LOCKING SCREW. SLIDE THE ENTIRE POWER SUPPLY ASSEMBLY UP AND REMOVE FROM THE BACK PANEL.

STEP 8

PLACE THE POWER SUPPLY ASSEMBLY BACK TO THE BACK PANEL AND REINSTALL LOCKING SCREW.



STEP 4

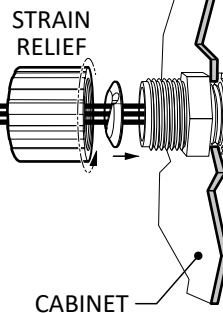
CONNECT 5-PIN INTERFACE HARNESS TO K15.

STEP 5

PLACE 24VDC POWER SUPPLY ON SHELF OF SCOREBOARD.

STEP 9

REMOVE EXISTING 7/8" HOLE PLUG OR DRILL 7/8" DIAMETER HOLE THROUGH CABINET. INSTALL STRAIN RELIEF.



POWER UP & OPERATION

1. POWER UP THE **GOAL LIGHTS** IN THE FOLLOWING ORDER:

- POWER UP THE **SCOREBOARD**,
- POWER UP THE **SHOT CLOCK**,
- POWER UP THE **MP-70** OR **MP-80** CONTROLLER.

THE **GOAL LIGHTS** WILL TURN ON FOR A FEW SECONDS AND TURN OFF. THEN IT LOOKS FOR A DATA SIGNAL.

IF DATA SIGNAL IS FOUND, THEN THE **GOAL LIGHTS** WILL REMAIN **OFF**.

IF DATA SIGNAL IS NOT FOUND, THEN THE **GOAL LIGHTS** WILL **FLASH** CONTINUOUSLY AS FOLLOWS: THE TOP BAR, A SIDE BAR, OFF FOR SEVERAL SECONDS, THEN REPEAT.

2. START A NEW GAME (ON THE CONTROLLER), THEN
 - **START THE GAME CLOCK SWITCH** (MP-80) OR
 - **TIME IN** (MP-70).

IF THE DATA SIGNAL IS LOST, THEN THE GOAL LIGHTS REMAIN OFF UNTIL DATA SIGNAL IS FOUND. CHECK POWER AND DATA FROM SCOREBOARD AND SHOT TIMER.

3. WHEN **GAME CLOCK** REACHES ZERO, THE **GOAL LIGHT** TURNS ON.

TO TURN OFF THE **GOAL LIGHTS**:

- PRESS **STOP** ON **GAME CLOCK SWITCH** (MP-80), OR
- PRESS **TIME OUT** (MP-70).
- GO TO STEP 2 ABOVE.

IF THE DATA SIGNAL IS LOST, THEN THE GOAL LIGHTS REMAIN ON EXCEPT FOR BOTTOM HORIZONTAL BAR UNTIL DATA SIGNAL IS FOUND. CHECK POWER AND DATA FROM SCOREBOARD AND SHOT TIMER.

