



90" INDIGLO AIR HOCKEY TABLE

We strive to ensure that our products are of the highest quality and free of manufacturing defects or missing parts. However, if you have any problems with your new product,

DO NOT RETURN IT TO THE STORE,

please contact us toll free @:

1-888-996-2729

FAX: 1-866-873-3531

gamerom@escaladesports.com

Mailing Address: (Correspondence Only)

Escalade Sports
PO Box 889
Evansville, Indiana 47706-0889

Physical Location:

Escalade Sports
817 Maxwell Ave.
Evansville, Indiana 47711

Please visit our Web site at:

www.escaladesports.com

Please have your model number when inquiring about parts.

When contacting Escalade Sports please provide your model number, date code (if applicable) and part number if requesting a replacement part. These numbers are located on the product, packaging, and this owners manual.

Your Model Number: **G04801W/F**

Date Code: **2 - G04801W/F- - HL**

Purchase Date: _____

PLEASE RETAIN THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE

SAFETY INSTRUCTIONS

FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS MAY RESULT IN SERIOUS INJURY, PROPERTY DAMAGE AND WILL VOID WARRANTY.

Owner must ensure that all players know and follow these rules for safe operation of the system.

To ensure safety, do not attempt to assemble this system without following the instructions carefully. Check entire box and inside packing material for parts and/or additional instruction material. Before beginning assembly, read the instructions and identify parts using the hardware identifier and parts list in this document. Proper and complete assembly, use and supervision is essential for proper operation and to reduce the risk of accident or injury. A high probability of serious injury exists if this system is not installed, maintained, and operated properly.

*Most injuries are caused by misuse and/or not following instructions.
Use caution when assembling and using this system.*

- **DO NOT** sit, climb or lean on the product
- Read and follow all the assembly, operation and safety instructions carefully.
- At least one capable adults are required to assemble this product.

NOTICE

REFER TO [CONTAINER] FOR SAFETY INSTRUCTIONS WHEN USING CLEANING PRODUCTS.

⚠ CAUTION

AT LEAST FOUR OR MORE CAPABLE ADULTS ARE REQUIRED TO LIFT AND ROTATE THIS GAME TABLE INTO PLAYING POSITION. DO NOT LEAN THE TABLE ON ITS LEGS AS THIS COULD DAMAGE THEM.

⚠ CAUTION

VERY CAREFULLY TURN THE TABLE OVER AND SET IT ON ITS LEGS. BE CAREFULL. THE TABLE IS VERY HEAVY.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."

"CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment."

Non-replaceable batteries are included. Do not dispose of this product in fire. Batteries inside this product may explode or leak.

WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Battery model: LIR2016
- Battery quantity: 2PCS
- Battery voltage: 3.6V
- Non- rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (60°C) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

Non-replaceable batteries are included. Do not dispose of this product in fire. Batteries inside this product may explode or leak.

First Time Battery Installation:

Locate battery compartment for this product .

Use alkaline batteries for maximum performance .

Using a small Phillips head screwdriver – loosen and remove the battery compartment cover screw(s).

Remove battery compartment cover .

Install new batteries only after reading the “ Battery Information NOTICE“ !

Replace compartment cover and secure cover with the cover screw . Do not over tighten and strip out the screw .

IMPORTANT: BATTERY INFORMATION

Please retain this information for future reference. Batteries must be installed / replaced by an adult .

Notice:

1. Remove and replace batteries when the electrical features of this product work slowly or are not functional .
2. Do not mix old and new batteries .
3. Do not mix different types of batteries : Alkaline , Standard (Carbon-Zinc) , or rechargeable (Nickel-Cadmium batteries) .
4. Use Alkaline Batteries for maximum performance .
5. Do not use damaged batteries .
6. Use only batteries of the same or equivalent type as recommended.
7. Install new batteries as per matching the battery polarity guide (+ & - , positive and negative) inside of the battery compartment . Correct battery polarity installation is critical as to not damage the internal electrical components as well as insuring the correct functionality of the product .
8. Do not short circuit the battery terminals .
9. Always remove exhausted , leaking, weak , and batteries from long periods of nonuse from the product . Battery leakage and corrosion can cause damage .
10. Check the battery terminals are clean and bright before installing new batteries.
11. Dispose of old batteries safely and per local battery disposal codes .
12. Do not dispose of batteries into a fire as they may explode or leak.
13. If removable rechargeable batteries are used , they are to be charged under adult supervision .
14. Rechargeable batteries are to removed from the product before they are charged .
15. If you use a battery charger, it should be examined regularly for damage to the cord , plug, enclosure, and other parts. Do not use a damaged or malfunctioning charger until it is properly repaired.
16. Non rechargeable batteries must not be recharged .
17. Always remove batteries from this product for extended storage and or non-use .
18. Should this product cause , or be affected by, local electrical interference , move it away from other electrical equipment . Reset (switching off and back on again and or removing and reinserting the batteries) if necessary .

**IMPORTANT! READ EACH STEP
IN THIS MANUAL BEFORE YOU
BEGIN THE ASSEMBLY.**

IMPORTANT!

THE DRAWINGS IN THIS
MANUAL MAY BE
EXAGGERATED OR MODIFIED
TO SHOW DETAILS.



Tools Required:

Allen Wrench (Included)
Furniture Polish and Soft Cloth
Carpenters Level
Phillips Screw Driver

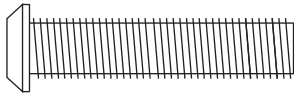
ASSEMBLY TIPS

Make sure you understand the following tips before you begin to assemble your game table.

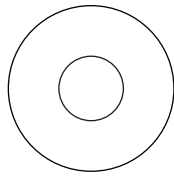
1. Start all bolts by hand before tightening.
2. An electric screwdriver is helpful in assembly. However, please set at low torque and use extreme caution with an electric screwdriver because you could overtighten the hardware and strip the screws.
3. Some drawings or images in this manual may not look exactly like your product. Please read and understand the text before starting each assembly step.
4. Assembly can be made both simpler and less timely by first unpacking all parts, and matching and organizing them to the Parts Identifier. This will greatly help you become familiar with the parts before and during assembly.
5. Some of this assembly can be made easier – by placing the parts and building the assembly on a pair of saw horses. A table can be used also as long as the top is well protected from any scratches that could occur. The table or saw horses would need to be structurally strong enough to support this weight.

HARDWARE IDENTIFIER

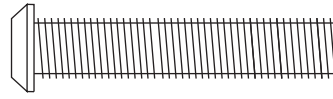
(To Scale)



H1 = 8 pcs
8 mm x 35 mm
Allen Head Bolt



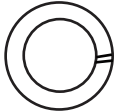
H2 = 16 pcs
8.5 mm x 22 mm
Flat Washer



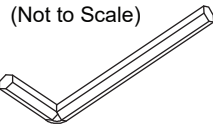
H3 = 8 pcs
8 mm x 40 mm
Allen Head Bolt



H4 = 2 pcs
3.5 mm x 18 mm
Phillips Round
Head Screw



H5 = 16 pcs
M8 Lock Washer

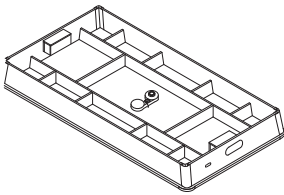


(Not to Scale)

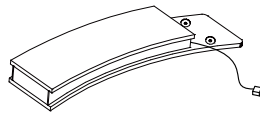
T1 = 1 pc
Allen Wrench

PARTS IDENTIFIER

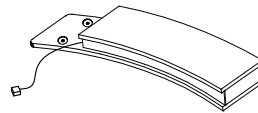
(Not to Scale)



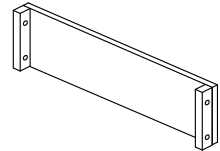
P1 = 1 pc
Air Hockey Table Cabinet



P2 = 2 pcs
Left Leg
(with LED Light Feature)



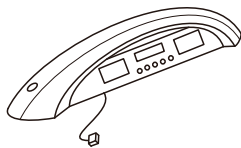
P3 = 2 pcs
Right Leg
(with LED Light Feature)



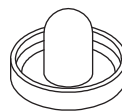
P4 = 2 pcs
End Leg Panel



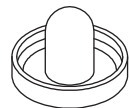
P5 = 4 pcs
Leg Leveler



P6-2021 = 1 pc
Electronic Scorer



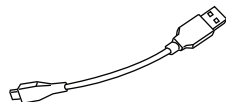
A1 = 2 pcs
Blue LED Striker



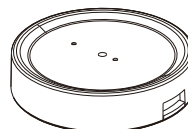
A3 = 2 pcs
Red Striker



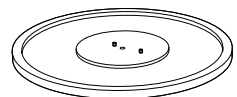
A4 = 2 pcs
Red Puck



A5 = 1 pcs
USB Cable
(Only used to charge A1 LED
Strikers and A6 LED Puck Charger)



A6 = 1 pcs
LED Puck Charger



A7 = 2 pcs
Rechargeable
Blue LED Puck

PARTS REQUIRED:

8 pcs - **H1** 8 x 35mm Allen Head Bolt
2 pcs - **P2** Left Leg
1 pc - **P1** Air Hockey Table Cabinet
8 pcs - **H5** M8 Lock Washer

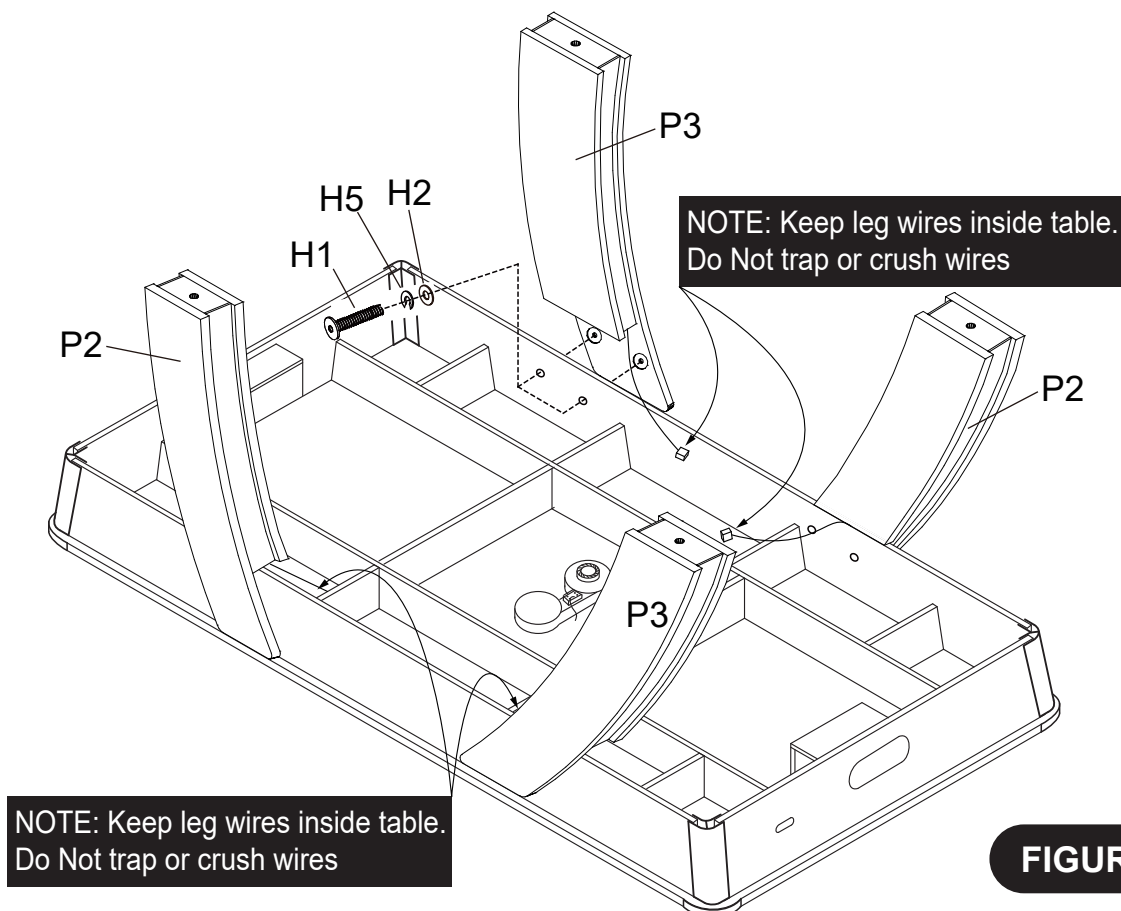
8 pcs - **H2** 8.5 x 22mm Flat Washer
2 pcs - **P3** Right Leg
1 pc - **T1** Allen Wrench

STEP:1

Leave Air Hockey Table Cabinet (**P1**) face down in the carton to assemble.

Install Left Legs (**P2**) and Right Legs (**P3**) onto Air Hockey Table Cabinet (**P1**) with Allen Head Bolts (**H1**), Lock Washers (**H5**) and Flat Washers (**H2**) using Allen Wrench (**T1**) as shown in **FIGURE 1**.

Do not tighten Bolts (H1) at this time.



PARTS REQUIRED:

8 pcs - **H3** 8 x 40mm Allen Head Bolt

8 pcs - **H2** 8.5 x 22mm Flat Washer

2 pcs - **P4** End Leg Panel

4 pcs - **P5** Leg Leveler

8 pcs - **H5** M8 Lock Washer

STEP:2

Install End Leg Panels (**P4**) onto the Legs using Bolts (**H3**), Lock Washers (**H5**) and Flat Washers (**H2**) as shown in **FIGURE 2**.

Tighten Bolts (**H1**) from STEP 1 and Bolts (**H3**) at this time.

Screw **P5** Leg Levelers into the bottom of each leg as shown in **FIGURE 2**.

Connect 4 Leg Connecting Wires from (**P2**) and (**P3**) Legs to Junction Box Ports (**C3-2021**) as per the **ELECTRICAL CONNECTIONS & SPARE PARTS DRAWINGS** on the next page and below.

NOTE: lightly push in on all connections to insure good connections. All male to female connectors will only connect one way depending on the tabs and slots of each. Please closely inspect both the male and female connectors to determine how to correctly plug the two together

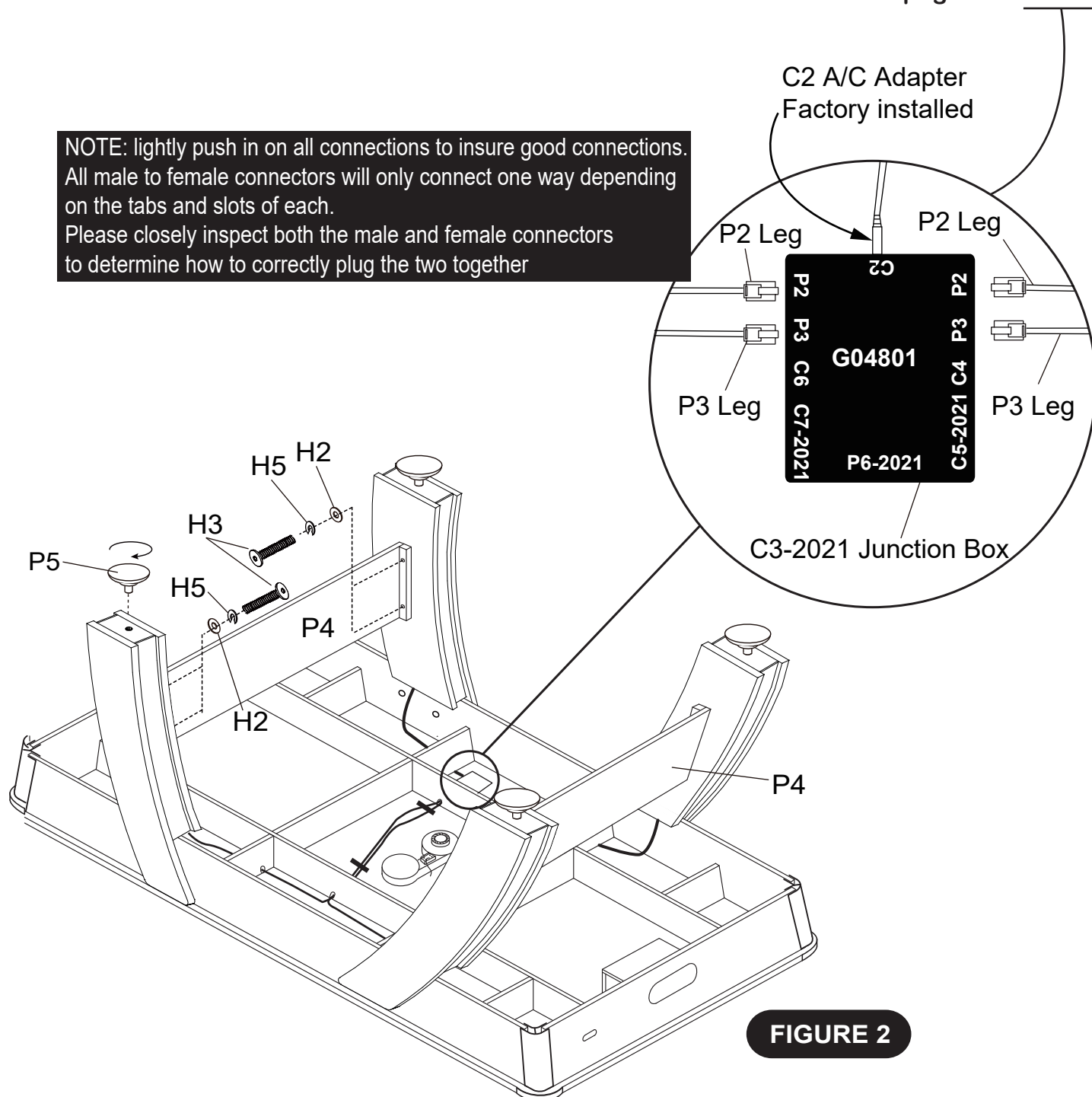
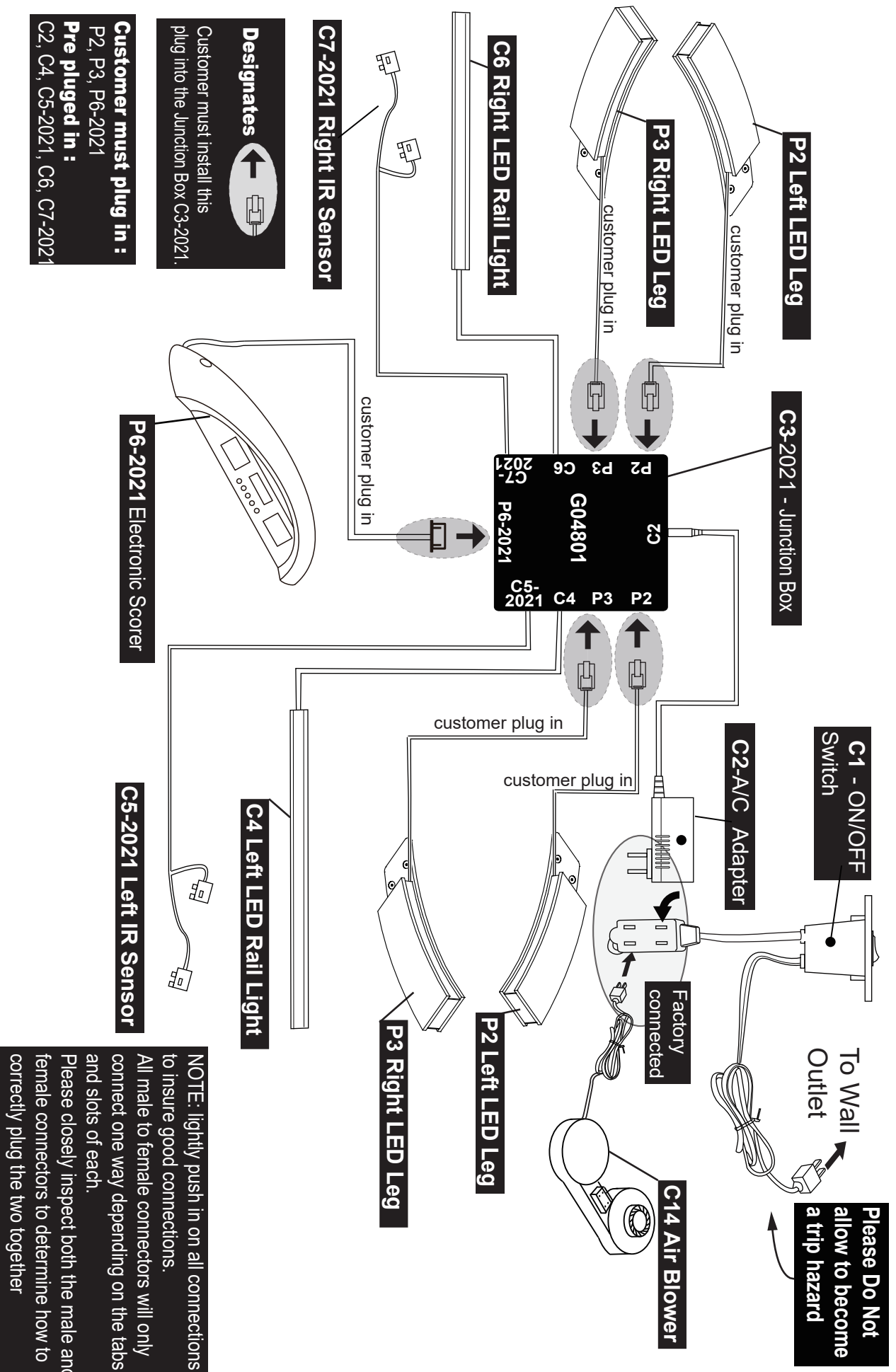


FIGURE 2

ELECTRICAL CONNECTIONS & SPARE PARTS DRAWINGS



LIFT + ROTATE THE TABLE

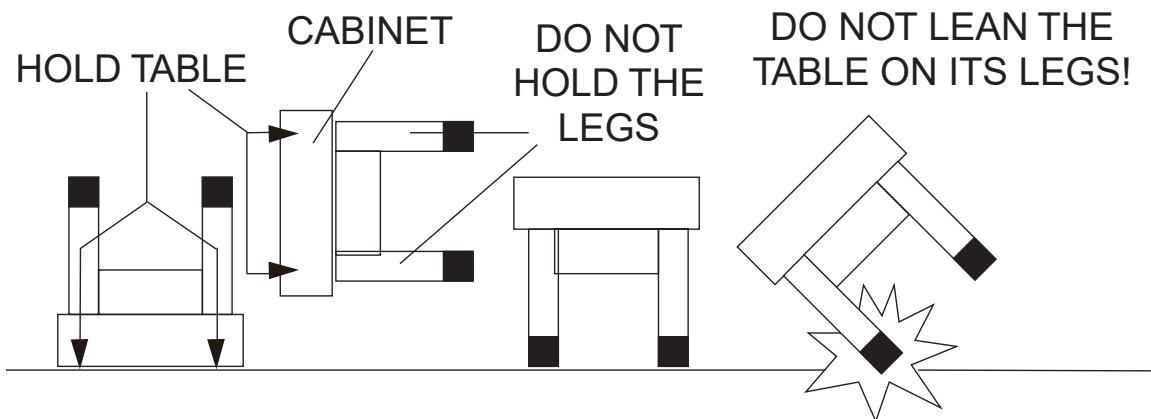
Always use proper lifting techniques

⚠ CAUTION :

AT LEAST FOUR OR MORE CAPABLE ADULTS ARE REQUIRED TO LIFT AND ROTATE THIS GAME TABLE INTO PLAYING POSITION. DO NOT LEAN THE TABLE ON ITS LEGS AS THIS COULD DAMAGE THEM.

⚠ CAUTION :

VERY CAREFULLY TURN THE TABLE OVER AND SET IT ON ITS LEGS. BE CAREFUL. THE TABLE IS VERY HEAVY.



PARTS REQUIRED:

2 pcs - **H4** 3.5 x 18mm Phillips Round Head Screw 1 pc - **P6-2021** Electronic Scorer

STEP:3

Lift the table assembly from the floor with at least six strong adults, turn it over, and set the table assembly on its legs in the location where you will play.

First, feed the Electronic Scorer plug (**P6-2021**) down through the hole on one side of the long top rail as shown in **FIGURE 3**.

Next, connect the Electronic Scorer plug to the Junction Box (**C3-2021**) as shown in **DETAIL A**. Next, install Electronic Scorer (**P6-2021**) onto long top rail using Philips Round Head Screws (**H4**) and Pilot Holes as shown in **FIGURE 3**.

Tighten, but do not strip out Screws (H4).

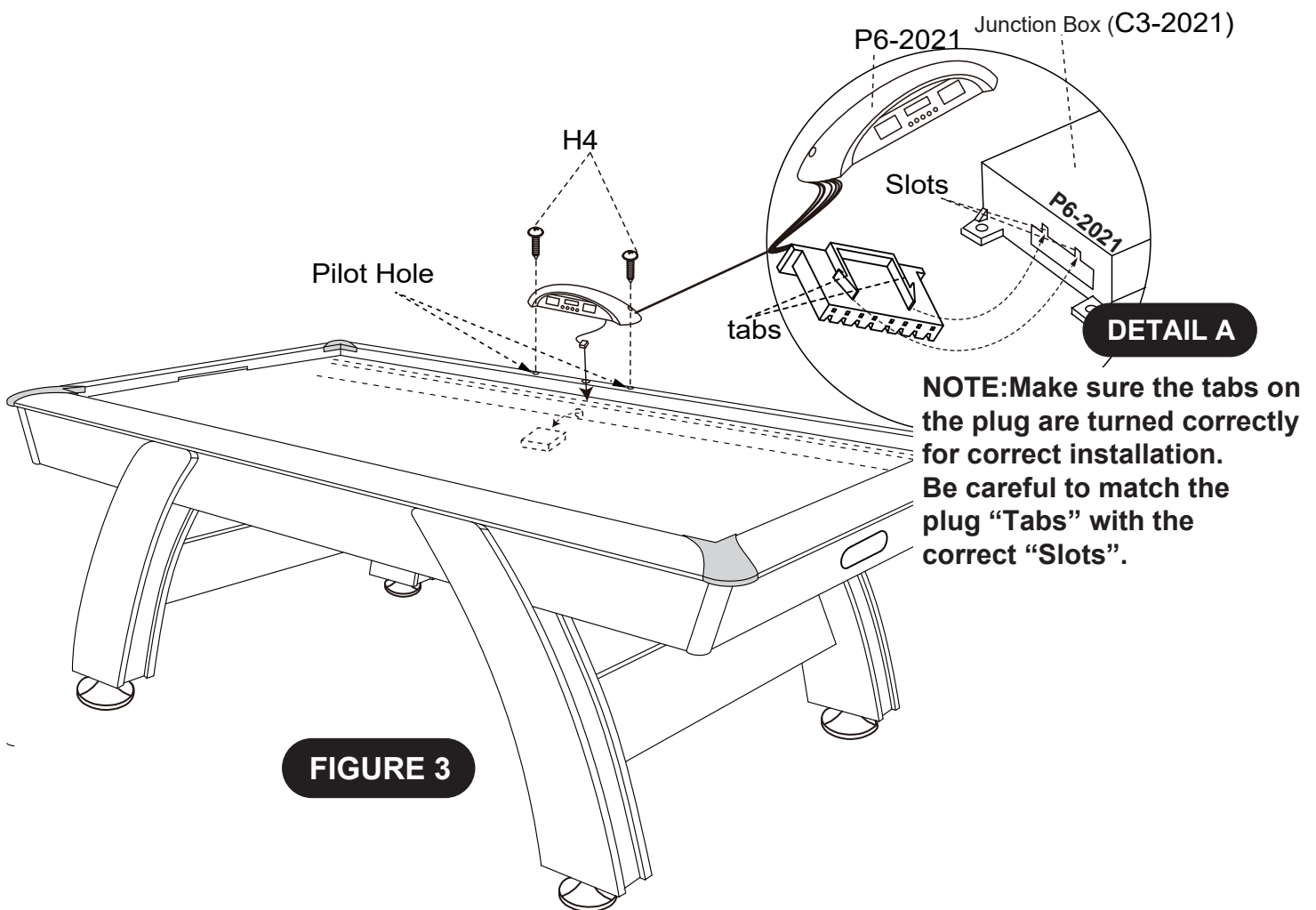


FIGURE 3

Replacement of LED Rail Lights

STEP ONE :

Should the LED lights not be working in the rail - Firstly , make sure the wall outlet cord is plugged in to a live A/C outlet properly. Secondly , make sure the ON/Off Switch (C1) is in the "ON" position . Thirdly , make sure the A/C Adapter (C2) is tightly plugged in to its outlet under the table . Lastly, make sure all (C4) & (C6) connections are snugly plugged into the Junction Box (C3-2021). At this point , should the LED Rail Lights still not be working , please disconnect the A/C power to the table before proceeding .

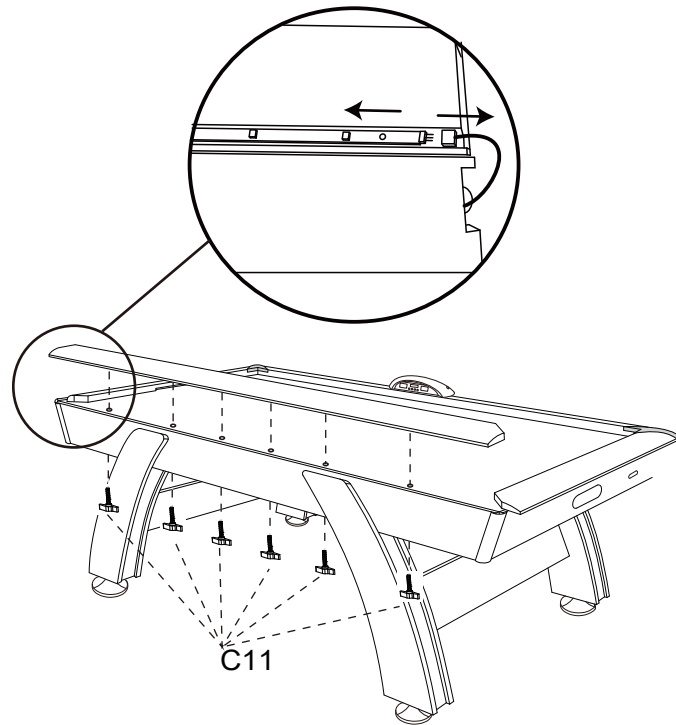
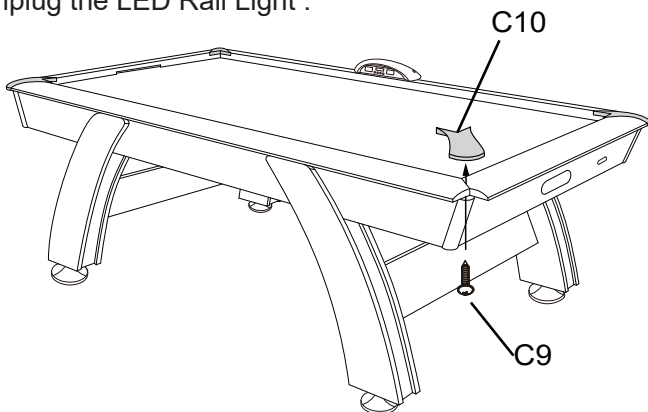
A call will be required to our Customer Service Department to acquire the necessary replacement part(s) .

STEP TWO :

Unscrew Screw (C9) to remove Corner Caps (C10) from the table top rail.

STEP THREE :

Unscrew Knob Bolts (C11) and remove Side Top Rail from Air Hockey Table Cabinet . And carefully unplug the LED Rail Light .



STEP FOUR :

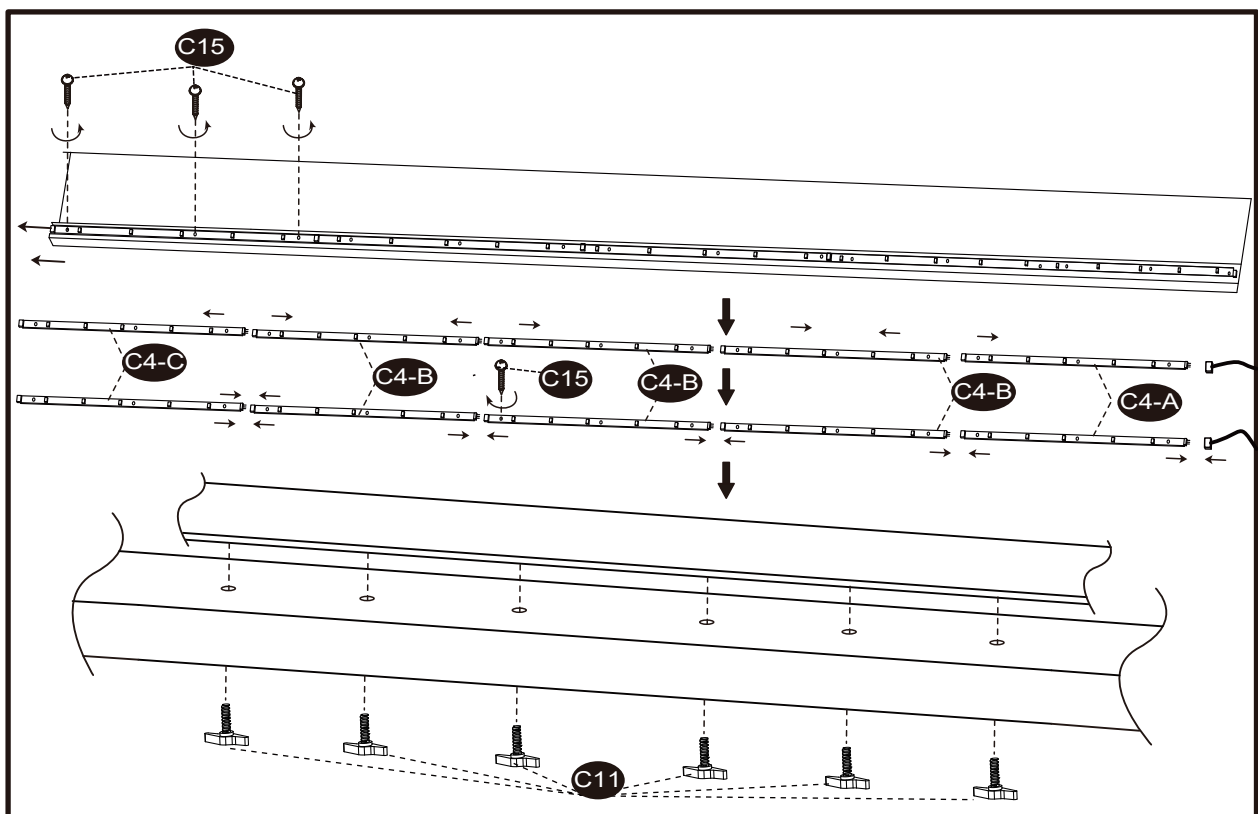
Unscrew Screws (C15), and separate LED Rail Lights from each other, by gently pulling apart. Align the male and female connectors of the working LED Rail Lights , and install them back into Side Top Rail using Screws (C15) as shown in the diagram.

Next, connect the plug of LED Rail Light A (C4-A).

Install back and screw Side Top Rail to the Air Hockey Table Cabinet using Knob Bolts (C11).

Lastly, Install Corner Caps (C10) back using Screw (C9).

Tighten, but do not strip out screws (C8) and (C9)



Replacement of LED Leg Lights

STEP ONE :

Should the LED lights not be working in a Leg (s) - Firstly , make sure the wall outlet cord is plugged in to a live A/C outlet properly. Secondly , make sure the ON/Off Switch (**C1**) is in the "ON" position . Thirdly , make sure the A/C Adapter (**C2**) is tightly plugged in to its outlet under the table . Lastly, make sure all (**P2**) & (**P3**) connections are snugly plugged into the Junction Box (**C3-2021**) . At this point , should the LED leg(s) lights still not be working , please disconnect the A/C power to the table before proceeding .

A call will be required to our Customer Service Department to acquire the necessary replacement part(s) .

STEP TWO :

Unplug the connecting wires of Electronic Scorer (**P6-21**) from the Junction Box (**C3-2021**)

Unscrew the Screw (**H4**) and remove the Electronic Scorer (**P6-2021**) from the Top Rail.

STEP THREE :

Need six strong ADULTS to turn the table over and place the table onto soft carpet or a non- abrasive surface.

Gently disconnect the wire and remove the leg from the table cabinet using a M5 / 5mm Allen Wrench.

Unscrew and remove the Leg Leveler (**P5**).

STEP FOUR :

Unscrew the screw of the Blue Light Cover Lens (**C12**) and slide out the Lens (**C12**) from the Leg slot.

STEP FIVE :

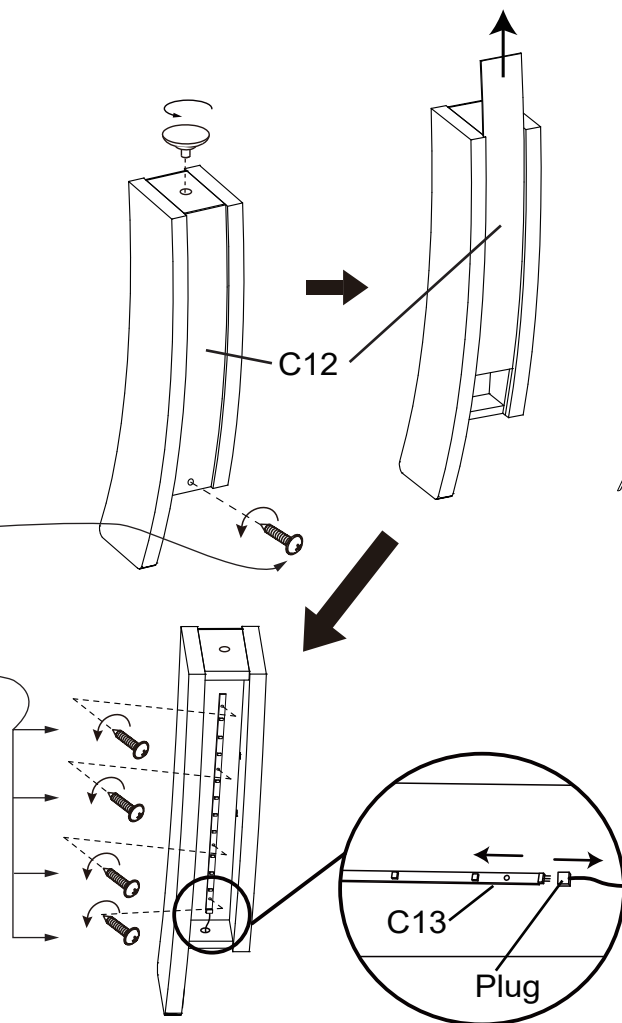
Unscrew the screws of the LED Leg Light (**C13**) and gently pull apart the LED Leg Light from the connection plug.

STEP SIX :

Install the replacement LED leg light and carefully reattach the Blue Light Cover Lens (**C12**).

STEP SEVEN :

Reinstall the leg leveler (**P5**). Turn the table back over and reattach the electronic scorer onto the top rail as per **Page 7 Step 3**.



HOCKEY GAME RULES:

1. This game is designed to be played with two (2) players, one at each end, or with four (4) players, two at each end of the game table.
2. Flip a coin to determine who will begin play, or a face-off can be held at the center of the table.
3. Play begins when the puck is placed on the playing surface. Players must hit the puck with the strikers and attempt to shoot into the opponent's goal.
4. One point is awarded when a puck is shot into the opponent's goal.
5. Winning the game: the winning score is accomplished by being the first player to reach a predetermined score or by being the player to score the most points within a given period of time.

ELECTRONIC SCORER OPERATION:

POWER ON/OFF = Press POWER ON/OFF button to start or turn off the scoring unit.

START/PAUSE = Press START/PAUSE button to START the game. Press START/PAUSE button during game will PAUSE or RESUME the game.

LIGHT ON/OFF = Press LIGHT ON/OFF button to turn on or turn off the Top Rail Light and Leg Light.

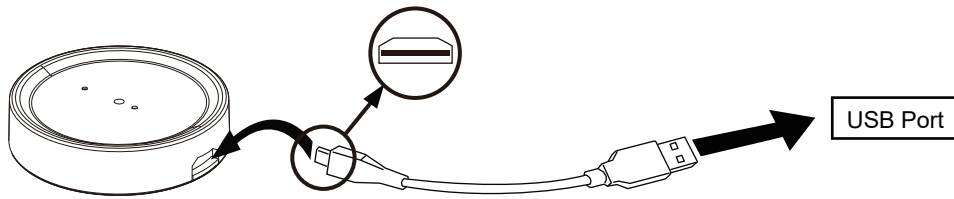
SELECT/RESET = Press SELECT/RESET button to select time options 5, 10, 15 minutes or No Time Limit. Long press SELECT/RESET button to reset back to the game option.

SOUND ON/OFF = Press Sound ON/OFF button to turn on or turn off the Sound.

LED PUCK BATTERY CHARGE INSTRUCTION

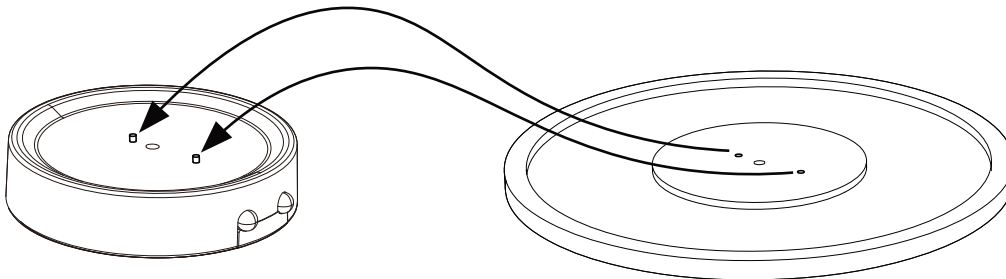
STEP ONE:

Plug the USB cable into the LED puck charger.



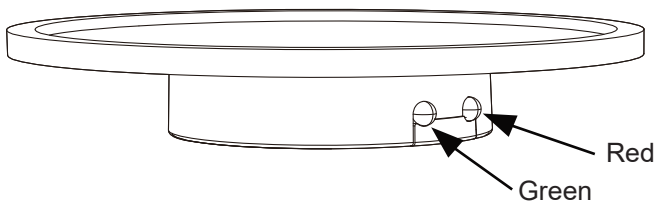
STEP ONE:

Place the small hole on the back of the PUCK corresponding to the contact of the LED puck charger.



STEP ONE:

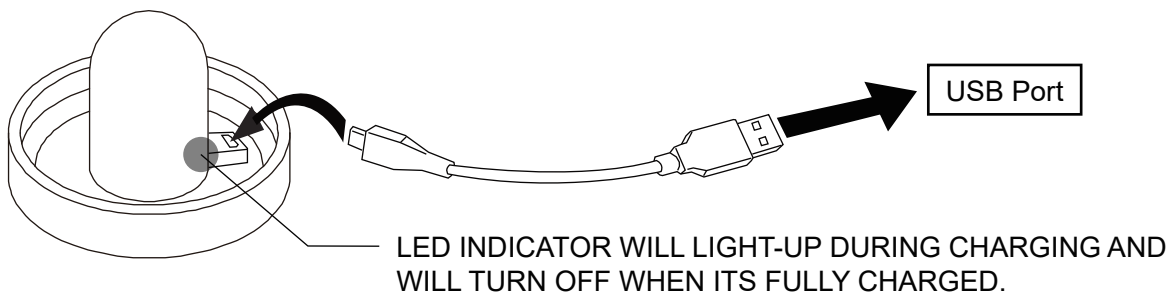
The red light indicates will light-up during charging and the green light will light-up when its fully charged.



Helpful Hint:

The LED strikers each will require about 45 minutes to fully charge up and will last approximately 3 hours of continuous play time. Be sure to turn the switch to the "OFF" position when not in use.

LED STRIKER BATTERY CHARGE INSTRUCTION



Helpful Hint:

The LED strikers each will require about 4 hours to fully charge up and will last approximately 7 hours of continuous play time. Be sure to turn the switch to the "OFF" position when not in use.

Congratulations! You have now assembled your table. Please note the Care and Use instructions below to insure many years of trouble free use of your game table.

CARE AND USE FOR YOUR PRODUCT

- 1. Use only a suitable 120v AC household outlet, and insure the cord is not a trip hazard.
- 2. For long life and best play from your air hockey table, apply spray furniture polish to a clean cloth and wipe down the playfield with air motor running to make the best play and frequently thereafter.
- 3. This product is intended for **INDOOR** use only.
- 4. **DO NOT** operate the motor if the cord is damaged in any way.
- 5. **DO NOT** sit, climb or lean on the table.
- 6. **DO NOT** drag the table when moving it. This will damage the legs.
- 7. **DO NOT** set drinks on the table.
- 8. It is suggested that this table be placed close to wall thus allowing the air motor cord to **NOT** be a trip hazard. Always turn air motor off when table is not in use.
- 9. Use a carpenters level to properly level table using the leg levelers.
- 10. If possible, cover table with a pool table cover or sheet when not used to keep playfield clean preventing any dust build up.

PRODUCT PARTS LIST FOR MODEL # G04801W/F

Part#	Description	Qty	Part#	Description (Factory Installed)	Qty
G04801HLH1	8 x 35 mm Allen Head Bolt	8	G04801HLC1	ON/OFF Switch	1
G04801HLH2	8 x 22 mm Flat Washer	16	G04801HLC2	A/C Adapter	1
G04801HLH3	8 x 40 mm Allen Head Bolt	8	G04801HLC3-2021	Junction Box	1
G04801HLH4	3.5 x 18 mm Phillips Round Head Screw	2	G04801HLC4-A	LED Rail Light A	2
G04801HLH5	M8 Lock Washer	16	G04801HLC4-B	LED Rail Light B	6
G04801HLT1	Allen Wrench	1	G04801HLC4-C	LED Rail Light C	2
G04801HLP1	Air Hockey Table Cabinet	1	G04801HLC5-2021	Left IR Sensor	1
G04801HLP2	Left Leg	2	G04801HLC7-2021	Right IR Sensor	1
G04801HLP3	Right Leg	2	G04801HLC8	Plastic Goal Box	2
G04801HLP4	End Leg Panel	2	G04801HLC9	Screw of Corner Cap	4
G04801HLP5	Leg Leveler	4	G04801HLC10	Corner Cap	4
G04801HLP6-2021	Electronic Scorer	1	G04801HLC11	Top Rail Knob Bolt	12
G04801HLA1	Blue LED Striker	2	G04801HLC12	Blue Light Cover Lens	4
G04801HLA3	Red Striker	2	G04801HLC13	LED Leg Light	4
G04801HLA4	Red Puck	2	G04801HLC14	Air Blower	1
G04801HLA5	USB Cable	1	G04801HLK1	Hardware Kit	1
G04801HLA6	LED puck charger	1	G04801HLM1	Instruction Manual	1
G04801HLA7	Rechargeable Blue LED Puck	2			

90 DAY LIMITED WARRANTY

This consumer warranty extends to the original consumer purchase of any ESCALADE SPORTS Product (hereinafter referred as the "Product").

WARRANTY DURATION: This Product is warranted to the original consumer purchase of a period of 90 days from the original purchase.

WARRANTY COVERAGE: ESCALADE SPORTS warrants to the original Consumer Purchaser that any Product of its manufacture is free from defects in material and workmanship when used for the intended purpose under normal use and conditions. THIS WARRANTY IS VOID IF THE PRODUCT HAS BEEN DAMAGED BY ACCIDENT, UNREASONABLE USE, NEGLIGENCE, IMPROPER SERVICE, FAILURE TO FOLLOW INSTRUCTIONS PROVIDED WITH THE PRODUCT OR OTHER CAUSES NOT ARISING OUT OF DEFECTS IN MATERIAL AND WORKMANSHIP.

WARRANTY PERFORMANCE: During the above 90 day warranty period, ESCALADESPORTS shall repair or replace with a comparable model, and Product, or component thereof, which may prove defective under normal use and proper care, and which our examination shall disclose to our satisfaction to be thus defective, please contact our Warranty Dept.

1-888-996-2729 / Warranty Dept.

Or Write us at:

Escalade® Sports, Inc. - P.O. Box 889, Evansville, IN 47706

Attn: Warranty Dept.

Or E-mail us at:

gameroom@escaladesports.com

Other than shipping requirements no charge will be made for such repair or replacement of in-warranty Products. ESCALADE SPORTS strongly recommends that the Product is insured for value prior to mailing.

WARRANTY DISCLAIMERS: ANY IMPLIED WARRANTIES ARISING OUT OF THIS SALE, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE ABOVE 90 DAY PERIOD. ESCALADE SPORTS SHALL NOT BE LIABLE FOR LOSS OF USE OF THE PRODUCT OR OTHER CONSEQUENTIAL OR INCIDENTAL COSTS, EXPENSES OR DAMAGES INCURRED BY THE CONSUMER OF ANY OTHER USE.

Some states do not allow the exclusion or limitation of implied warranties or consequential or incidental damages, so the above limitations or exclusions may not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

NOT COVERED BY THIS WARRANTY

- Product not intended to be in places of public assembly, such as, but not limited to, schools, parks, public or private recreational facilities
- Any product subjected to Non-residential abuse, negligence, improper installation, vandalism, acts of God, alteration of product, or any other events beyond the control of ESCALADE SPORTS.