



72" WINDSOR COLLECTION 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 @:

1-800-467-1421

gameroom@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: **AL1300W/F**

Date Code: **2 - AL1300W/F- - SY**

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 two 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 CAREFUL. 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."

First Time Battery Installation:

Locate battery compartment for this product .
Use alkaline batteries for maximum performance .

Remove battery compartment cover .

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

Replace compartment cover and secure cover.

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 be 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 .

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.



- a) 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.
- b) Even used batteries may cause severe injury or death.
- c) Call a local poison control center for treatment information.
- d) Battery model: CR2016
- e) Battery quantity: 1PC
- f) Battery voltage: 3.0V
- g) Non- rechargeable batteries are not to be recharged.
- h) 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.

**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:

Socket Head Wrench (Included)

Furniture Polish and Cloth

Carpenters Level

Phillips Screw Driver

4 pcs AA Batteries (Not Included), A/C Adapter (Included)

(AA Batteries are for store display use only)(A/C Adapter is for residential use only)

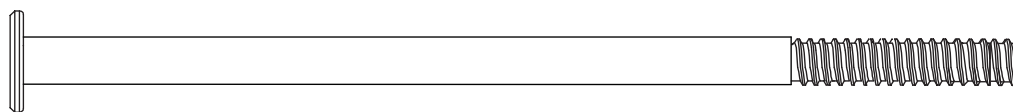
(4 pcs AAA Batteries for strikers-Not included)

ASSEMBLY TIPS

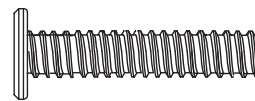
Make sure you understand the following tips before you begin to assemble your game table.

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.

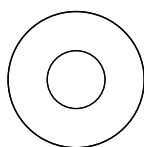
HARDWARE IDENTIFIER (To Scale)



H1 - 6 mm x 130 mm
Allen Head Bolt
(4 pcs)



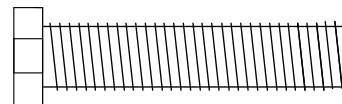
H2 - 6 mm x 30 mm
Allen Head Bolt
(4 pcs)



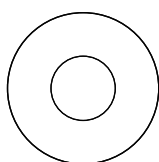
H3 - M6 Flat Washer
(8 pcs)



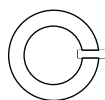
H4 - M8 Lock Washer
(24 pcs)



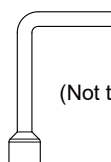
H5 - 8mm x 40mm
Hex Head Bolt
(24 pcs)



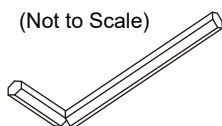
H6 - M8 Flat Washer
(24 pcs)



H7 - M6 Lock Washer
(4 pcs)

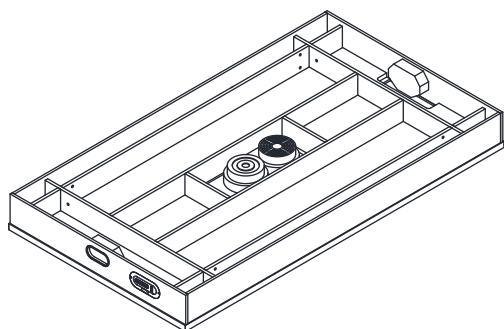


(Not to Scale)
T1 - Socket Head Wrench
(1 pc)

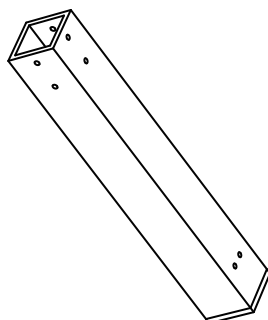


(Not to Scale)
T2 - M6 Allen Wrench
(1 pc)

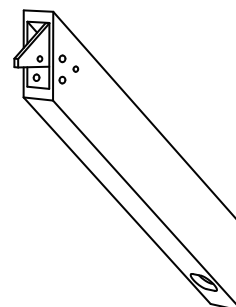
PARTS IDENTIFIER (Not to Scale)



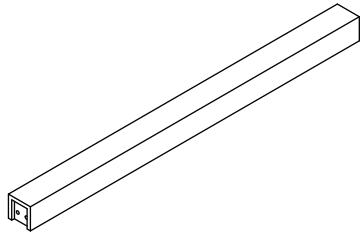
P1 - Main Cabinet
(1 pc)



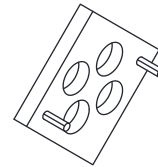
P2 - Leg
(4 pcs)



P3 - Slant Leg
(4 pcs)



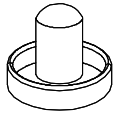
P4 - Lower Center Leg Support
(1 pc)



P5 - Decorative Leg Wooden Block
(2 pcs)

ACCESSORIES IDENTIFIER (Not to Scale)

4 pcs AAA batteries
will be required
(not included)



A1 - LED Striker
(2 pcs)



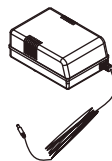
A2 - LED Puck
(1 pc)



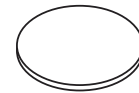
A3 - Puck
(1 pcs)



A4 - Felt Pad
(2 pcs)



A5 - A/C Adapter
(1 pc)



A6 - Table Leveling Shim
(4 pcs)

NOTE: A4 Felt Pads may already
be attached to A1 Strikers

PARTS REQUIRED (For Step 1 & Step 2)

4 pcs - **P2** Leg
4 pcs - **P3** Slant Leg
1 pc - **T1** Socket Head Wrench
1 pc - **T2** Allen Wrench

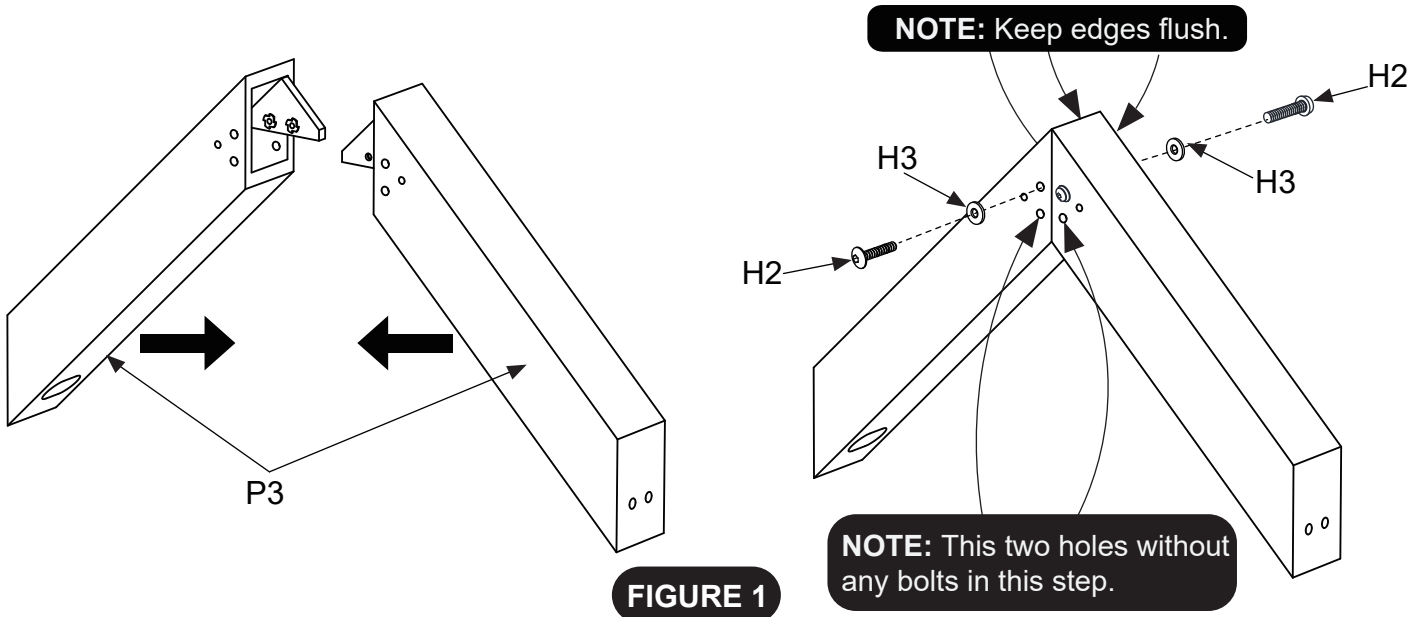
4 pcs - **H2** Allen Head Bolt
4 pcs - **H3** M6 Flat Washer
8 pcs - **H4** Lock Washer
8 pcs - **H5** Hex Head Bolt
8 pcs - **H6** Flat Washer

STEP 1

Place together the **P3** Slant Legs as shown in **FIGURE 1**.

Be careful avoid pinch points.

Tighten all the H2 bolts at this time.



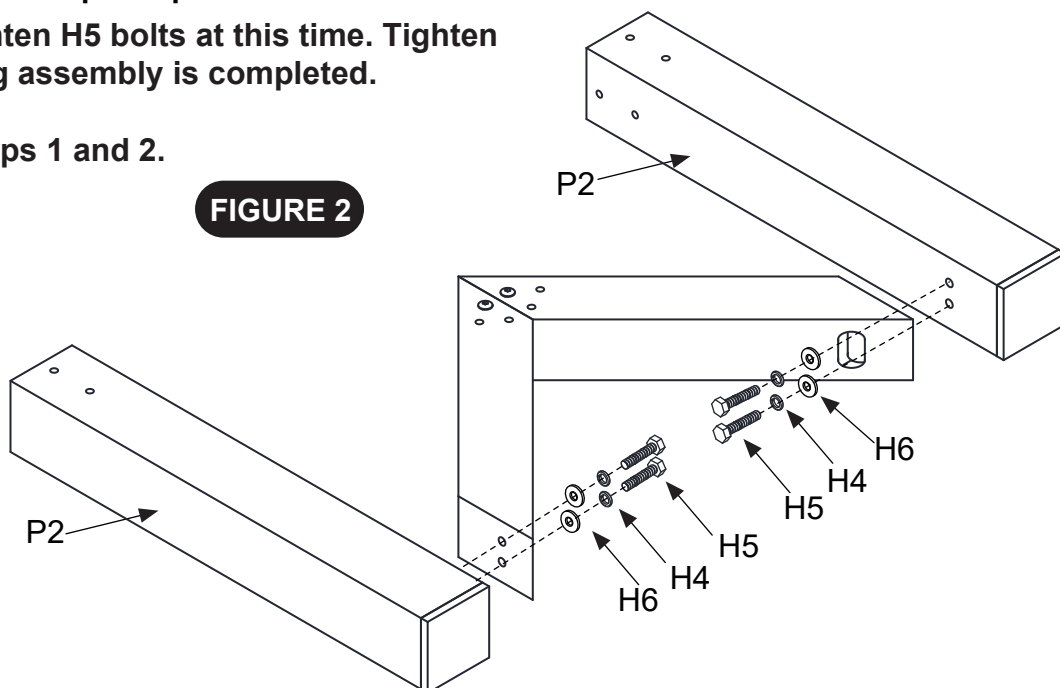
STEP 2

Attach the **P2** Legs onto the **P3** Slant Legs using the **H5** Hex Head Bolts, **H6** Flat Washers and **H4** Lock Washers as shown in **FIGURE 2**.

Be careful avoid pinch points.

Do not tighten H5 bolts at this time. Tighten when M-leg assembly is completed.

Repeat Steps 1 and 2.



PARTS REQUIRED

1 pc - **P1** Main Cabinet

1 pc - **T1** Socket Head Wrench

16 pcs - **H4** Lock Washer

16 pcs - **H5** Hex Head Bolt

16 pcs - **H6** Flat Washer

STEP 3

Attach the Legs onto the **P1** Main Cabinet using the **H5** Hex Head Bolts, **H6** Flat Washers and **H4** Lock Washers as shown in **FIGURE 3**.

Do not tighten H5 bolts at this time. Tighten when M-leg assembly is completed.

NOTE: Inside hole on each of 4 legs will not be used.

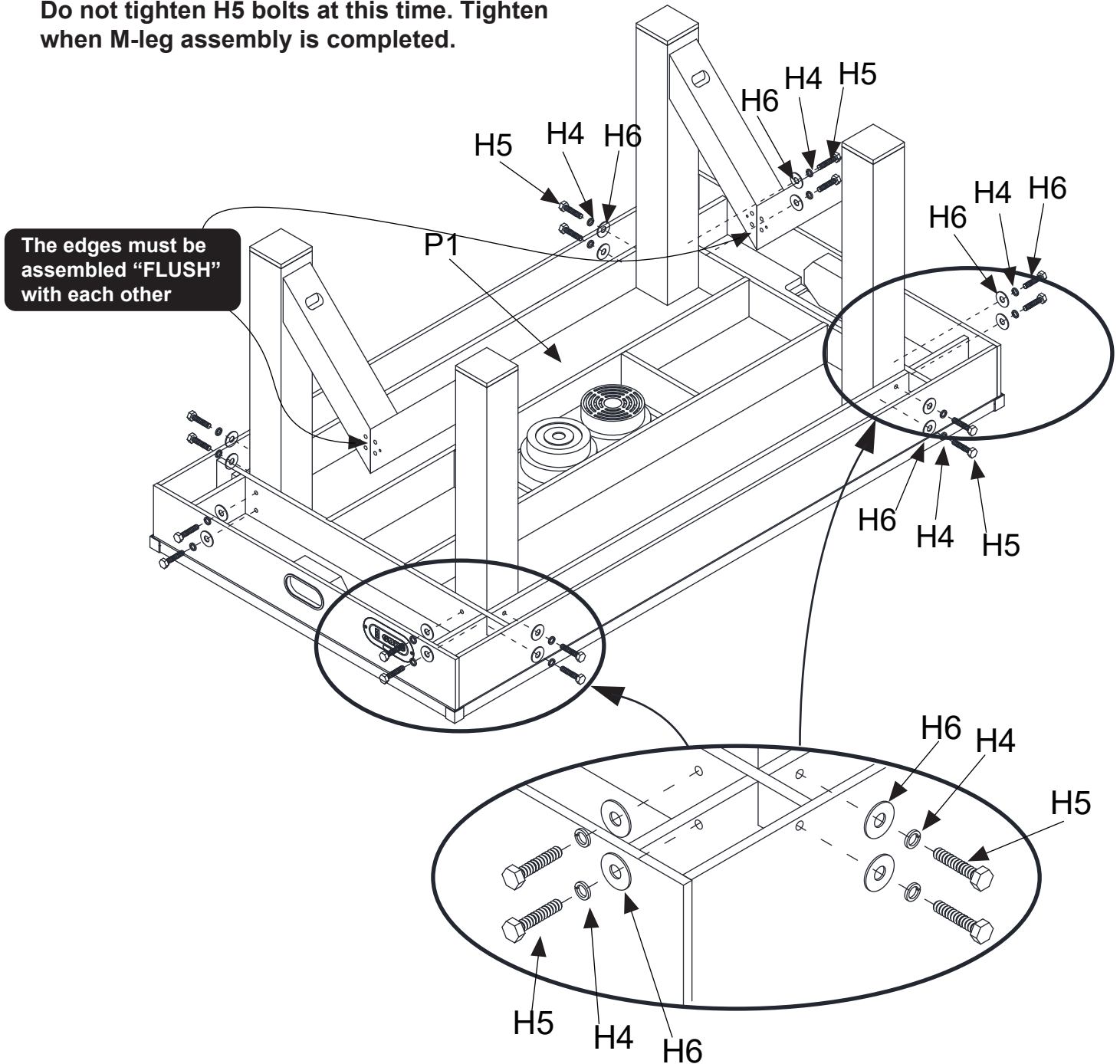


FIGURE 3

PARTS REQUIRED (For Step 4 & Step 5)

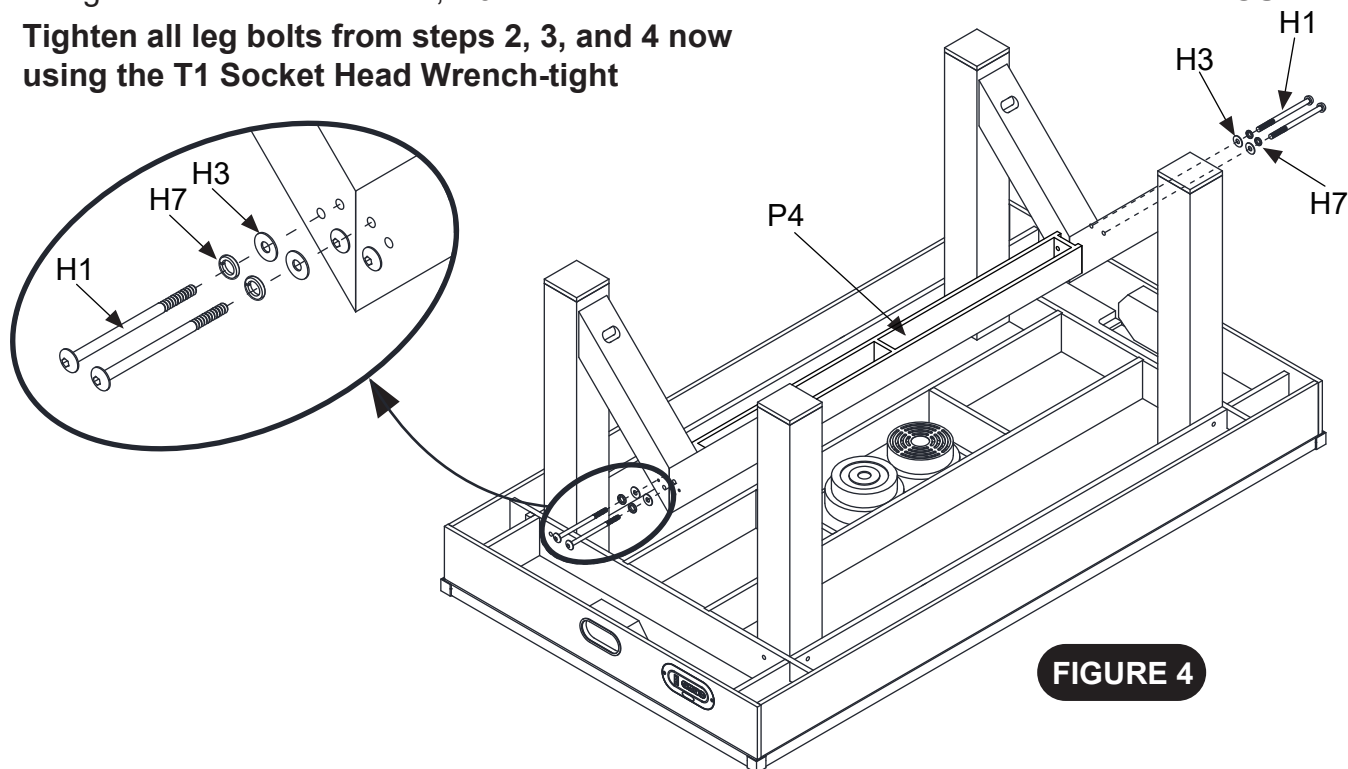
1 pc - **P4** Lower Center Leg Support
2 pcs - **P5** Decorative Leg Wooden Block
1 pc - **T2** Allen Wrench

4 pcs - **H1** Allen Head Bolt
4 pcs - **H3** Lock Washer
4 pcs - **H7** Flat Washer

STEP 4

With the help from another adult, attach the **P4** Lower Center Leg Support onto the “**M**” Legs using the **H1** Hex Head Bolts, **H3** Flat Washers and **H7** Lock Washers as shown in **FIGURE 4**.

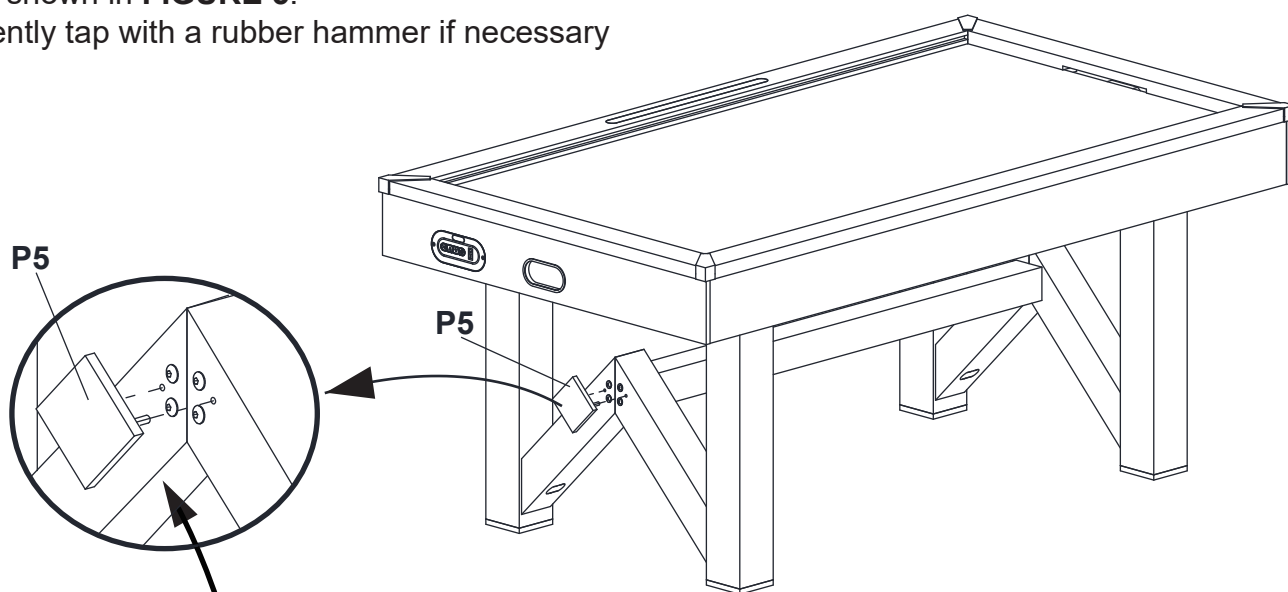
Tighten all leg bolts from steps 2, 3, and 4 now using the T1 Socket Head Wrench-tight



STEP 5

Insert the **P5** Decorative Leg Wooden Blocks onto the “**M**” Legs as shown in **FIGURE 5**.

Gently tap with a rubber hammer if necessary



NOTE: A small amount of wood glue (not included) can be placed on the dowel pins before assembly.

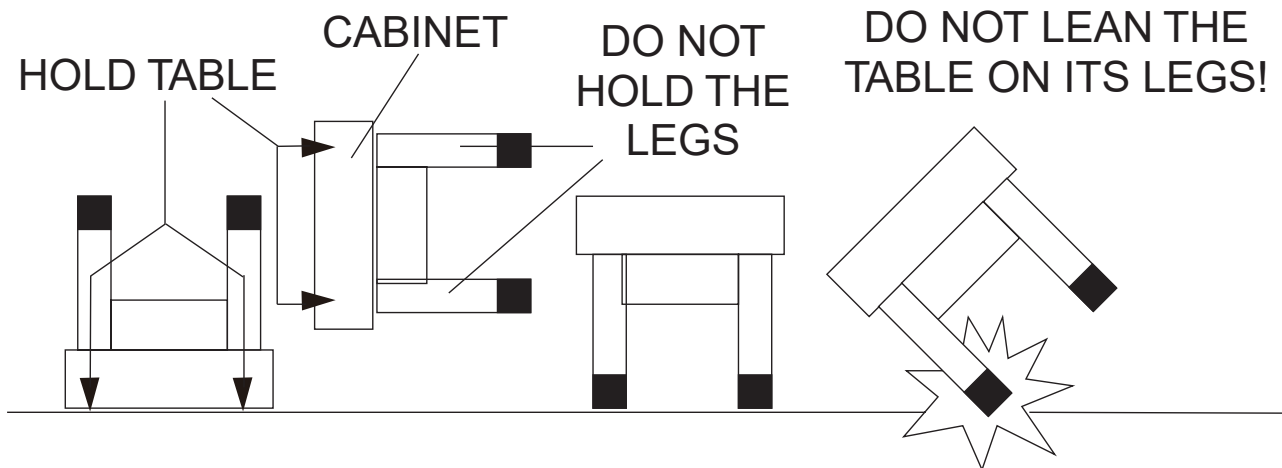
LIFT + ROTATE THE TABLE Always use proper lifting techniques

⚠ 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.

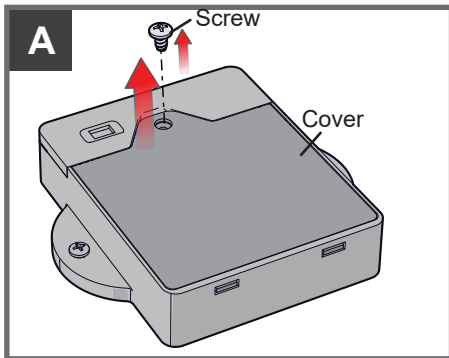
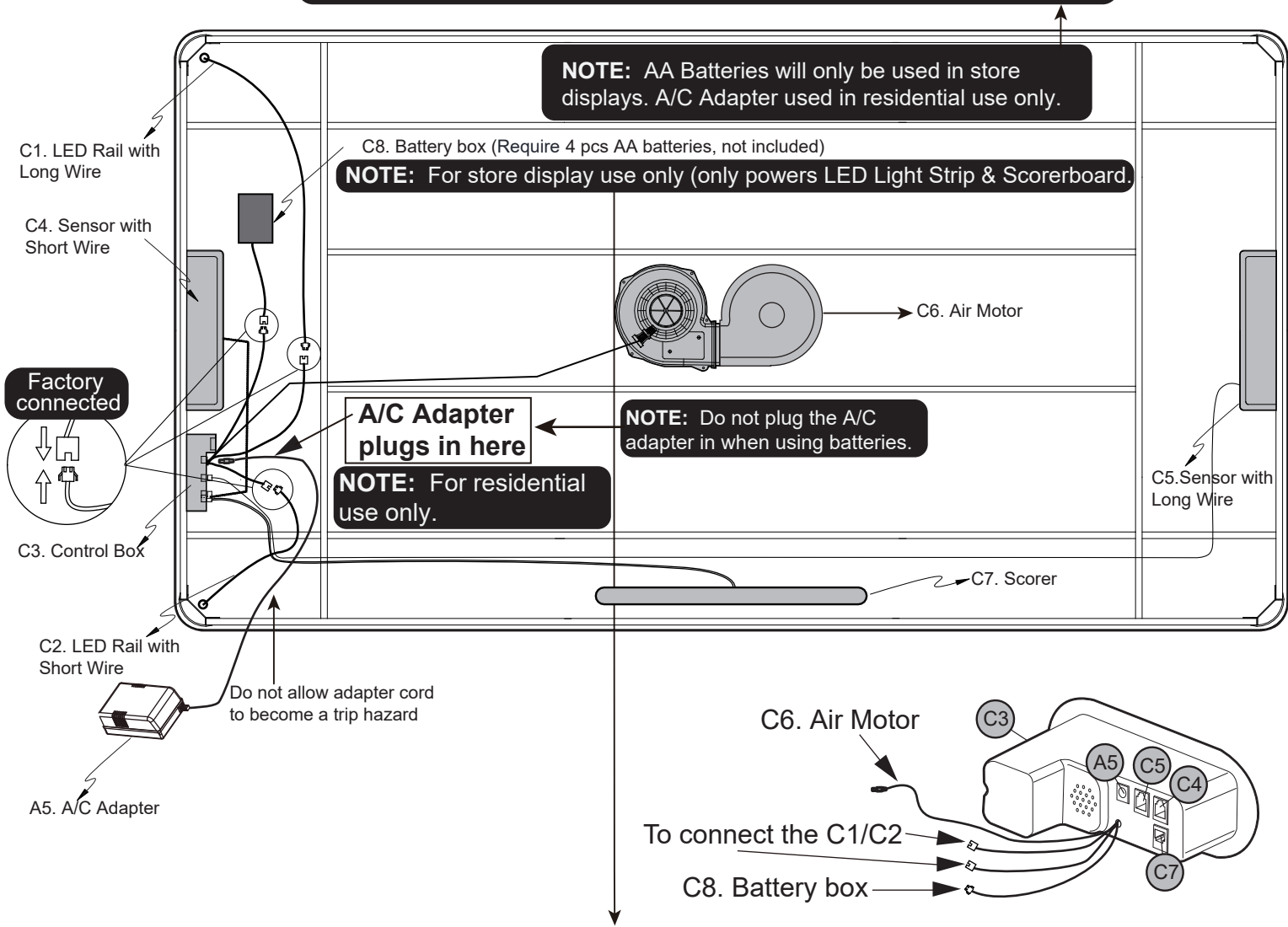
⚠ CAUTION

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

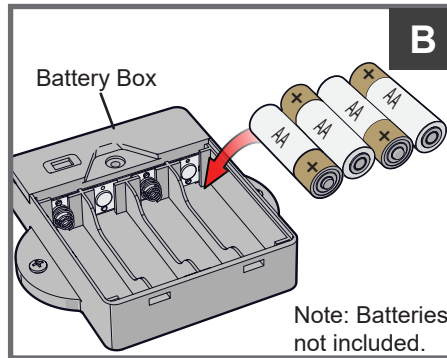


ELECTRONIC CONNECTIONS

NOTE: This product has two power supply methods: battery and A/C adapter.

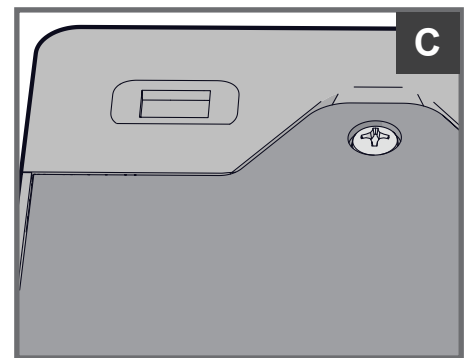


-Unscrew and remove cover.



- Insert 4 AA Batteries
(Batteries not included).

Make sure polarity is correct.



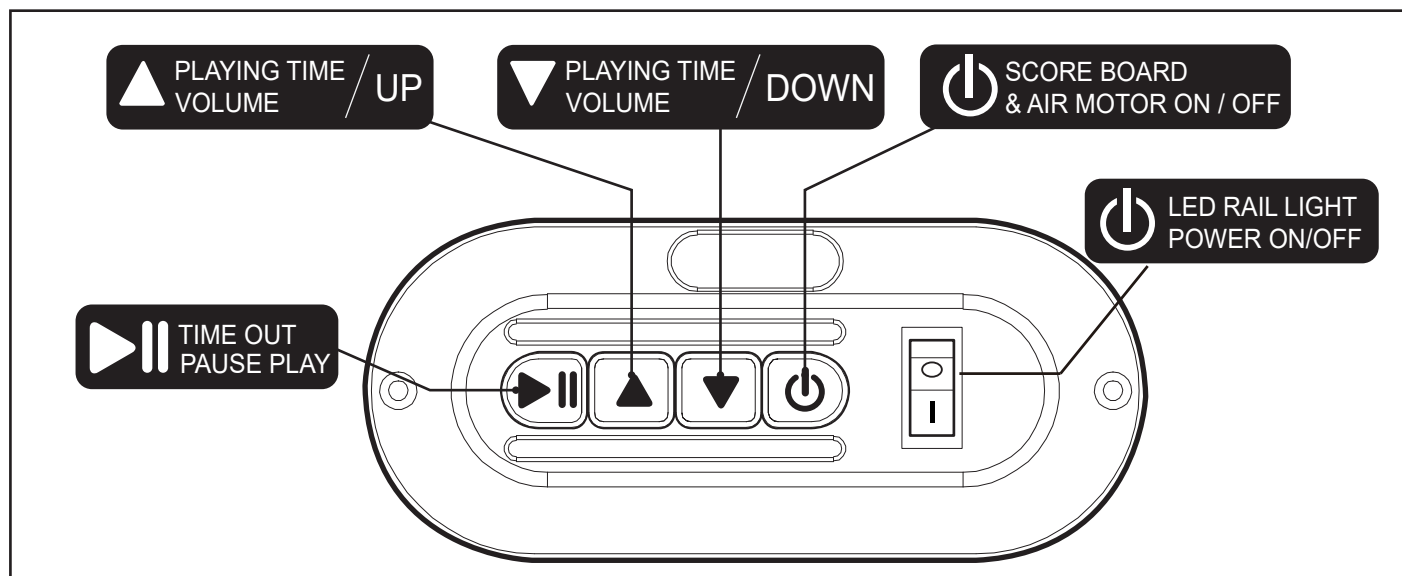
- Return cover and reinsert screw.

(Store display use only)

Remove the small screw using a small phillips screwdriver and open the battery box, Insert (4) AA batteries (not included) in the order of correct polarity as shown on the inside of the battery box. Then close using the same screwdriver. (If the game will not be used for a long period of time, we recommend that the batteries be removed)

See " **FIRST TIME BATTERY INSTALLATION AND NOTICE** " , before installing batteries, located on **page 13**.

SCOREBOARD CONTROL PANEL OPERATION



SCOREBOARD CONTROL PANEL OPERATION

SCOREBOARD POWER

Press the **POWER** button (⏻) to turn the **scoreboard** and **air motor** **ON**

LED RAIL LIGHT POWER

Press the **POWER** button (⏻) to turn the **rail light** **ON**

SELECT PLAYING TIME

Press the **UP** ▲ or **DOWN** ▼ button to scroll through the playing time options.

- 3 Minutes
- 5 Minutes
- 7 Minutes
- 10 Minutes
- Tug of War (Each goal scored moves the LEDs towards the scoring player. First player to reach 11 wins!)
- Free Play (no time limit)

Press the **PLAY** button ▶|| to select the current time and begin playing the game.

SOUND

During game play, press the **UP** ▲ or **DOWN** ▼ buttons to adjust the volume level.

TIMEOUT

Press the **PLAY** button ▶|| during game play to pause the clock and take a timeout.

RESET

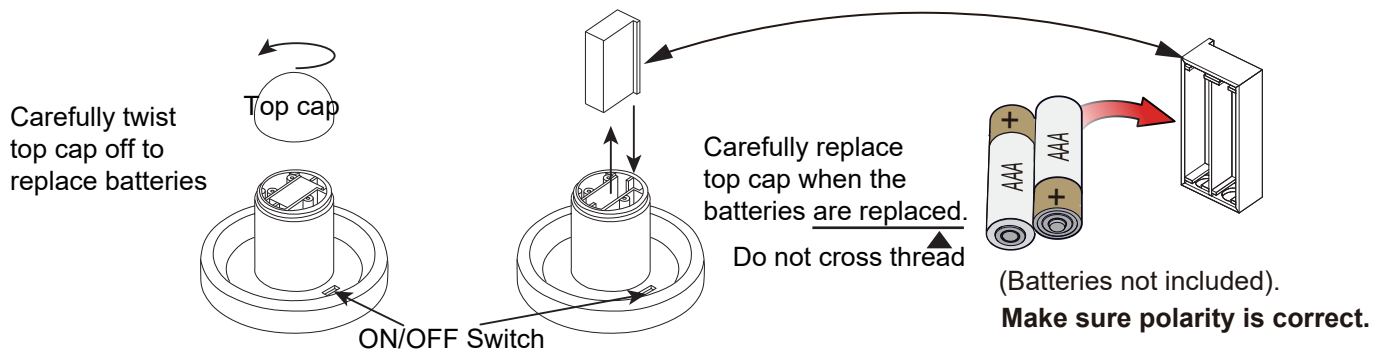
After the game is over, press any button (Except the **POWER** BUTTON) to **RESET** the scoreboard.

Press and hold any button (Except the **POWER** BUTTON) for 3 seconds to **RESET** the scorer at any time.

This Control Box does have an automatic turn off feature after twenty minutes of inactivity (Air motors and all electronics).

LED STRIKER BATTERY INSTALLATION/REPLACE INSTRUCTION

(Does not Include the 4 pcs AAA Batteries)



Helpful Hint:

Be sure to turn the switch to the “OFF” position when not in use.

See” **FIRST TIME BATTERY INSTALLATION AND NOTICE** “ , before installing batteries, located on **page 3**.

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

CARE AND USE FOR YOUR PRODUCT

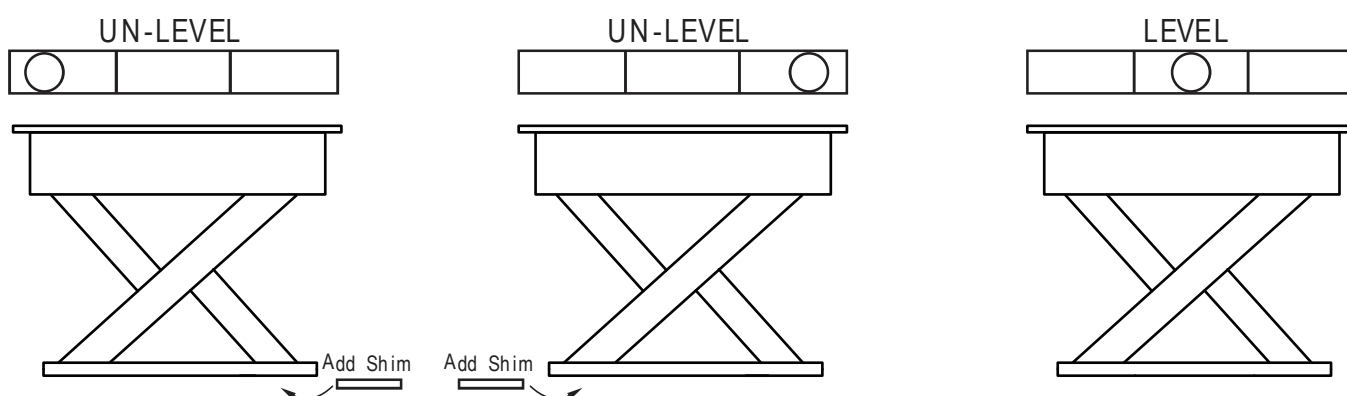
1. Use spray furniture polish to clean all exterior surfaces of your table.
2. Use spray furniture polish on the AH playing surface with motor running. This will protect the playing surface + make the pucks go faster.
3. This product is intended for **INDOOR** use only.
4. **DO NOT** sit, climb or lean on the table.
5. **DO NOT** drag the table when moving it. This will damage the legs.
6. **DO NOT** set drinks on the table.
7. The purchase of a table cover will both protect and help keep clean the entire top of the table.
8. Use a carpenter's level to properly level the table using the enclosed A6 leveling shims.

PRODUCT PARTS LIST FOR MODEL # AL1300W/F

Key #	Part #	Description	Qty.
H1	AL1300SYH1	6mm x 130 mm Allen Head Bolt	4
H2	AL1300SYH2	6 mm x 30 mm Allen Head Bolt	4
H3	AL1300SYH3	M6 Flat Washer	8
H4	AL1300SYH4	M8 Lock Washer	24
H5	AL1300SYH5	8mm x 40 mm Hex Head Bolt	24
H6	AL1300SYH6	M8 Flat Washer	24
H7	AL1300SYH7	M6 Lock Washer	4
T1	AL1300SYT1	Socket Head Wrench	1
T2	AL1300SYT2	Allen Wrench	1
P1	AL1300SYP1	Main Cabinet	1
P2	AL1300SYP2	Leg	4
P3	AL1300SYP3	Slant Leg	4
P4	AL1300SYP4	Lower Center Leg Support	1
P5	AL1300SYP5	Decorative Leg Wooden Block	2
A1	AL1300SYA1	LED Striker	2
A2	AL1300SYA2	LED Puck	1
A3	AL1300SYA3	Puck	2
A4	AL1300SYA4	Felt Pad	2
A5	AL1300SYA5	A/C Adapter	1
A6	AL1300SYA6	Table Leveling Shim	4
A7	AL1300SYA7	Metal Corner Cap(pre-installed)	4
C1	AL1300SYC1	LED Rail With Long Wire	1
C2	AL1300SYC2	LED Rail With Short Wire	1
C3	AL1300SYC3	Control Box	1
C4	AL1300SYC4	Sensor With Long Wire	1
C5	AL1300SYC5	Sensor With Short Wire	1
C6	AL1300SYC6	Air Motor	1
C7	AL1300SYC7	Scorer	1
C8	AL1300SYC8	Battery Box	1
C9	AL1300SYC9	LED Rail Cover	2
K1	AL1300SYK1	Hardware Kit	1
M1	AL1300SYM1	Owner's Manual	1

INSTRUCTIONS FOR LEVELING A GAME TABLE

- Assemble game table according to the instruction.
- Any type of level would be sufficient to perform this procedure. However, a two-foot level is recommended.
- Before leveling, make sure level is placed on the playing surface if possible, not the rails.
- Level the ends: Place the level on the playing surface and adjust the height by placing shims (A6) underneath the leg opposite of which the bubble in the level favors until the bubble rests in the middle of the level.



- Repeat the step above to the opposite end of the game table.
- Next, level the length of the table. Place the level next to the side of the table and adjust the height to position the bubble in the middle of the level, using the shims opposite of which the bubble in the level favors.
- Repeat the step above to the opposite length of the table.
- Recheck both short ends to ensure bubble is in the middle on the level.
- Depending on the surface the game table sits, especially deep pile carpeting, the game table needs to settle for 24 hours. Recheck the level on each side of the table after 24 hours.

Replacement of LED Light Strip(s)

STEP ONE :

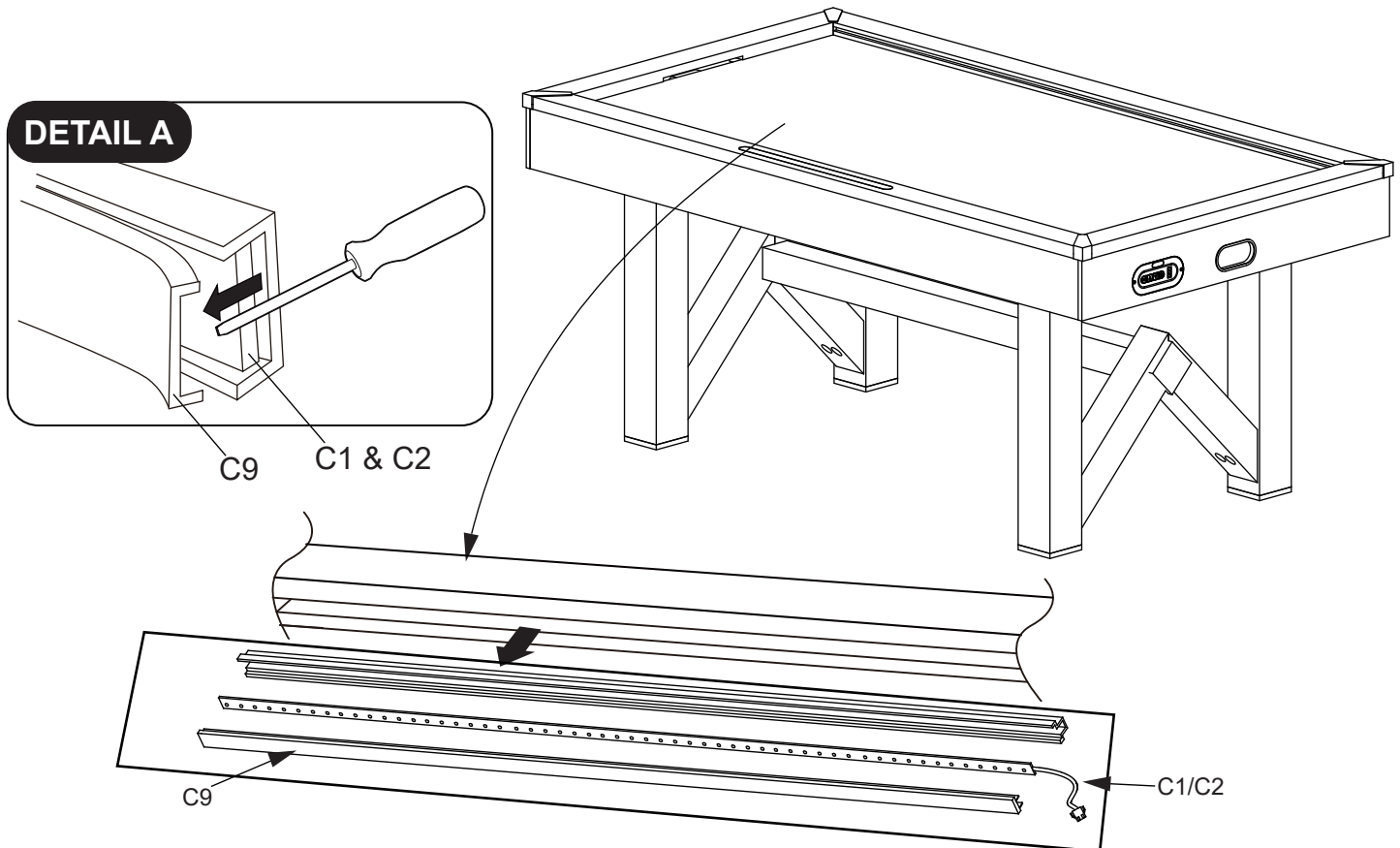
Should the LED lights not be working in the rail - Firstly , make sure the A/C Adapter is plugged in to a live A/C outlet properly. Secondly , make sure the A/C Adapter **(A5)** is tightly plugged into Junction Box outlet under the table . Lastly, make sure all LED Rail light connections are snugly plugged into the Control Box **(C3)** . At this point, if 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 :

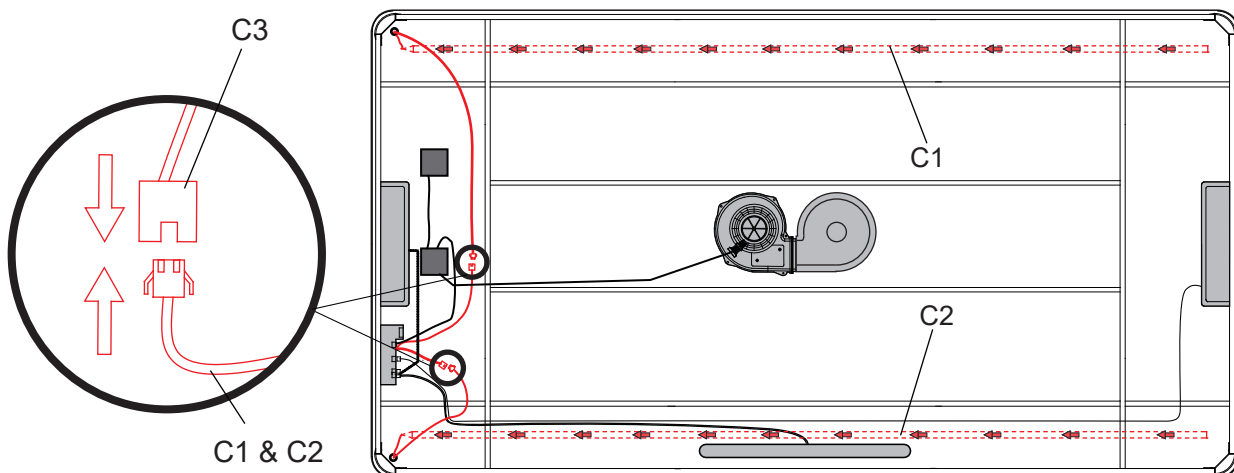
If the LED Light Strip needs to be replaced on the **P1** Cabinet inner side, **carefully pry the C9 LED Strip Cover out of the apron with the help of a flat blade screwdriver as shown in DETAIL A**, then remove the C1 & C2 LED Light Strip from the table.

The LED Light Wire Connection will need to be disconnected first , the connection is under the table , please see page 8 .



STEP THREE:

Install the replacement LED Strip **C1 & C2** back to the Cabinet Side Rail. Align the male and female connectors of the Lighting LED Strip. Connect the plug of **C1 & C2** Lighting LED Strip with **C3** Control Box Wire.



IMPORTANT NOTE TO OUR VALUED RETAIL CUSTOMERS AND STORE MANAGERS

Valued Customers:

This product will be powered in your homes with the A/C adapter only.
The battery pack will not be used or needed in your home environment.
It is simply not needed.

DO NOT USE THE BATTERY PACK !

Store Manager:

For display reasons, a battery pack and directions for use are included with this product and in the assembly manual. Please note that the battery pack will only power the LED playfield lights and electronic scoring. The air fan motor will not be powered by the sole battery pack.

Do not plug the A/C adapter into the Junction Box when using batteries.

Thanks all for your understanding.

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, ESCALADE SPORTS 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.

1-800-467-1421 / 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.