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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 G04865W/F/MDP

Date Code 2 - G04865W/F/MDP- HL

Purchase Date _____

PLEASE RETAIN THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE

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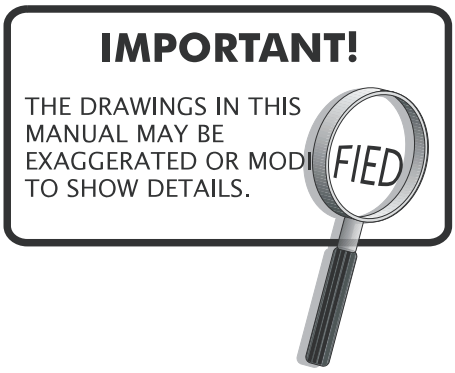
IMPORTANT! READ EACH STEP IN THIS MANUAL BEFORE YOU BEGIN THE ASSEMBLY.



TWO ADULTS ARE REQUIRED TO ASSEMBLE THIS TOP SHELF 90” AIR HOCKEY TABLE

Tools Required:

T1 - Allen Wrench (Included)
Phillips Screwdriver
Furniture Polish and Cloth

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.

Assembly Tips

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

1. Start all bolts by hand before tightening.
2. 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.

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.

NOTICE :

READ AND FOLLOW ALL ASSEMBLY, OPERATION, AND SAFETY INSTRUCTIONS CAREFULLY. AT LEAST TWO CAPABLE ADULTS ARE REQUIRED TO ASSEMBLE THIS GAME TABLE.

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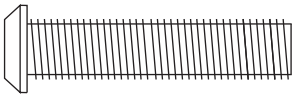
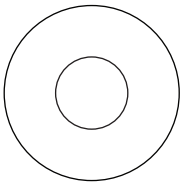
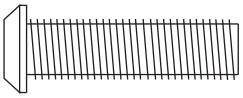
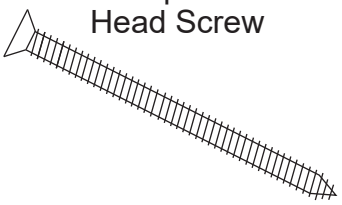
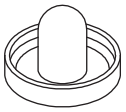
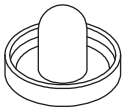
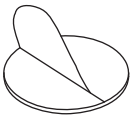
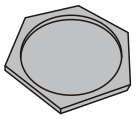
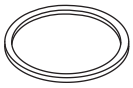
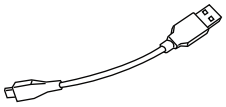
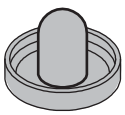
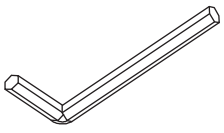
H1 = 28 pcs 8 mm x 35 mm Allen Head Bolt 	**H2** = 32 pcs 8.5 mm x 22 mm Flat Washer 	**H3** = 4 pcs 8 mm x 28 mm Allen Head Bolt 	**H4** = 16 pcs 4 mm x 45 mm Phillips Flat Head Screw 
H5 = 8 pcs 3.5 mm x 12 mm Phillips Round Head Screw 	**H6** = 2 pcs 3.5 mm x 14 mm Phillips Flat Head Screw 	**H7** = 2 pcs 3.5 mm x 18 mm Phillips Round Head Screw 	**H8** = 4pcs 3.5 mm x 33 mm Phillips Round Head Screw
H9 = 32 pcs M8- Lock Washer 	**A1** = 1 pc Blue LED Striker 	**A2** = 1 pc Red LED Striker 	**A3** = 4 pcs Felt Pad  **NOTE: A3** Felt Pads may already be attached to A1, A2 and A10 Strikers.
A4 = 1 pc Blue LED Puck 	**A5** = 1 pc Red LED Puck 	**A6** = 2 pc Red Puck 	**A7** = 1 pc USB Cable  Used to charge A1 and A2 Strikers only
A8 = 3 pcs 1mm Shim Pack Used to level table if required	**A9** = 3 pcs 2mm Shim Pack Used to level table if required	**A10** = 2 pcs Red Striker 	**T1** = 1 pc Allen Wrench 

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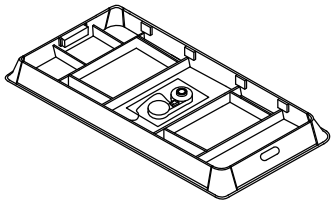
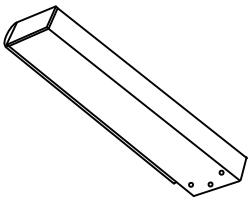
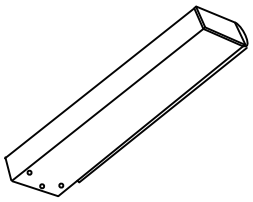
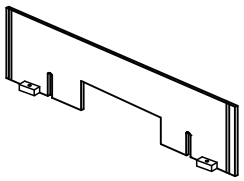
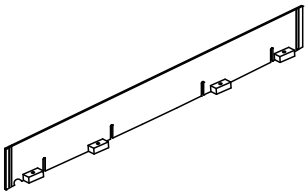
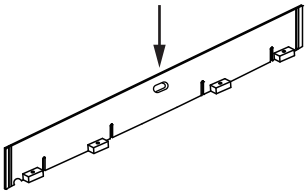
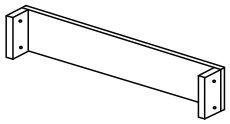
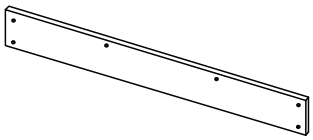
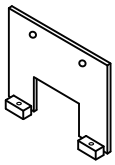
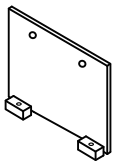
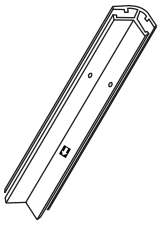
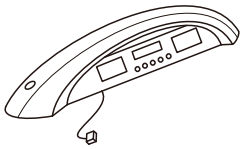
P13-2121 = 1 pc Air Hockey Table Cabinet 	**P2** = 2 pcs Left Leg 	**P3** = 2 pcs Right Leg 	**P4** = 2 pcs End Apron 
P5 = 1 pcs Side Apron 	**P6** = 1 pcs Side Apron with ON/OFF Slot 	**P7** = 2 pcs End Leg Panel 	**P8** = 2 pcs Side Leg Panel 
P9 = 1 pc Side Leg Support Board A 	**P10** = 1 pc Side Leg Support Board B 	**P11** = 4 pcs Corner Post 	**P14-2021**= 1 pc Electronic Scorer 

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."

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PARTS REQUIRED:

28 pcs - **H1**	8 x 35mm Allen Head Bolt	28 pcs - **H2**	8.5 x 22mm Flat Washer
2 pcs - **P7**	End Leg Panel	2 pcs - **P8**	Side Leg Panel
2 pcs - **P2**	Left Leg	2 pcs - **P3**	Right Leg
1 pc - **P13-2021**	Air Hockey Table Cabinet	1 pc - **T1**	Allen Wrench
28 pcs - **H9**	M8 Lock Washer		

STEP:1

Leave Air Hockey Table Cabinet **(P13-2021)** face down in carton to assemble.
Install Left Legs **(P2)** and Right Legs **(P3)** onto the Air Hockey Table Cabinet **(P13-2021)** with Allen Head Bolts **(H1)**, Lock Washers **(H9)** and Flat Washers **(H2)** using Allen Wrench **(T1)** as shown in **FIGURE 1**.
Do not tighten Bolts (H1) at this time.
Install End Leg Panels **(P7)** and Side Leg Panels **(P8)** onto the Legs using Bolts **(H1)**, Lock Washers **(H9)** and Flat Washers **(H2)** as shown in **FIGURE 1**.

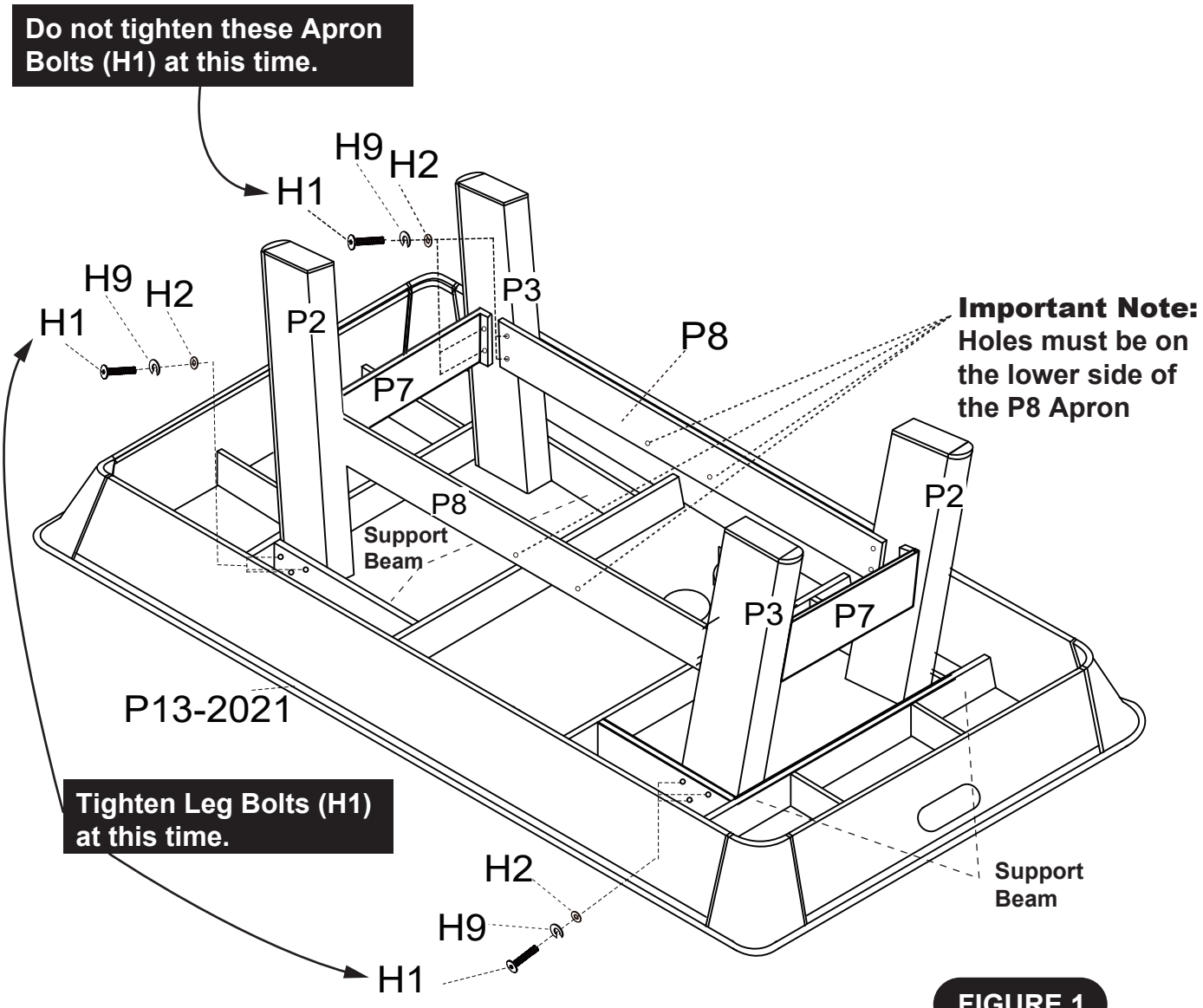

FIGURE 1

NOTE: BE SURE LEFT LEGS(P2) AND RIGHT LEGS(P3) ARE INSTALLED INSIDE OF SUPPORT BEAMS AS PER DIAGRAM

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PARTS REQUIRED:

4 pcs - **H8** 3.5x 33mm Phillips Round Head Screw
12 pcs - **H4** 4 x 45mm Phillips Flat Head Screw
8 pcs - **H5** 3.5 x 12mm Phillips Round Head Screw
1 pc - **P6** Side Apron with ON/OFF Slot
2 pcs - **P4** End Apron
1 pc - **P5** Side Apron
4 pcs - **P11** Corner Post

STEP:2

Install End Aprons **(P4)**, Side Apron **(P5)** and Side Apron with ON/OFF Slot **(P6)** as shown in **FIGURE 2**.

Slide Corner Posts **(P11)** down onto each end of End Aprons and Side Aprons, and attach them using Screws **(H5)** as shown in **DETAIL A.**

Next , install screws **(H8)** using predrilled holes into side aprons only as shown in **DETAIL B**.

Lastly, Attach **P4**, **P5** and **P6** via apron support blocks to the main cabinet using screws **(H4)** as per **DETAIL B** and **DETAIL C.**

Tighten, but do not strip out any Screws.

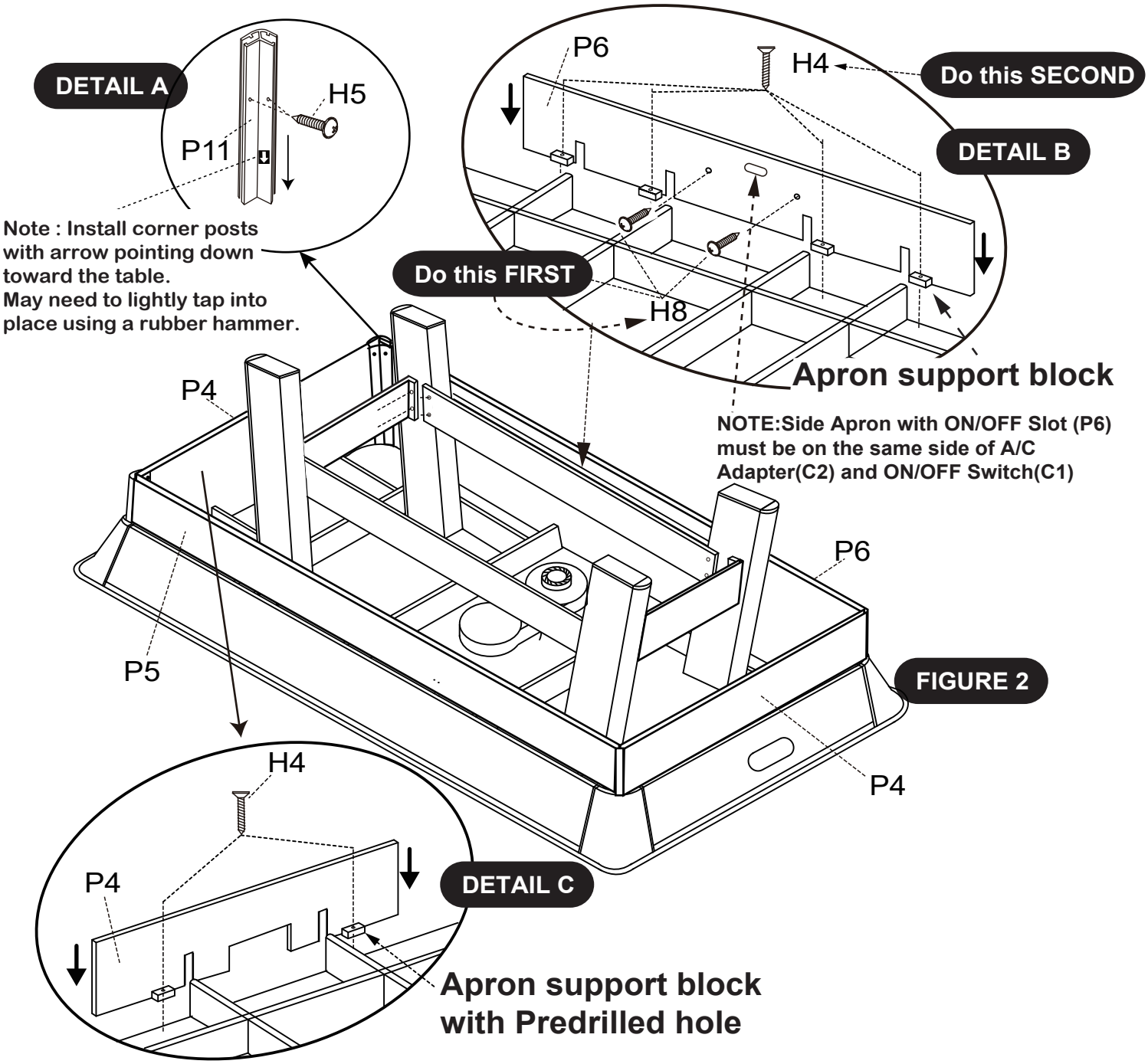

FIGURE 2

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PARTS REQUIRED:

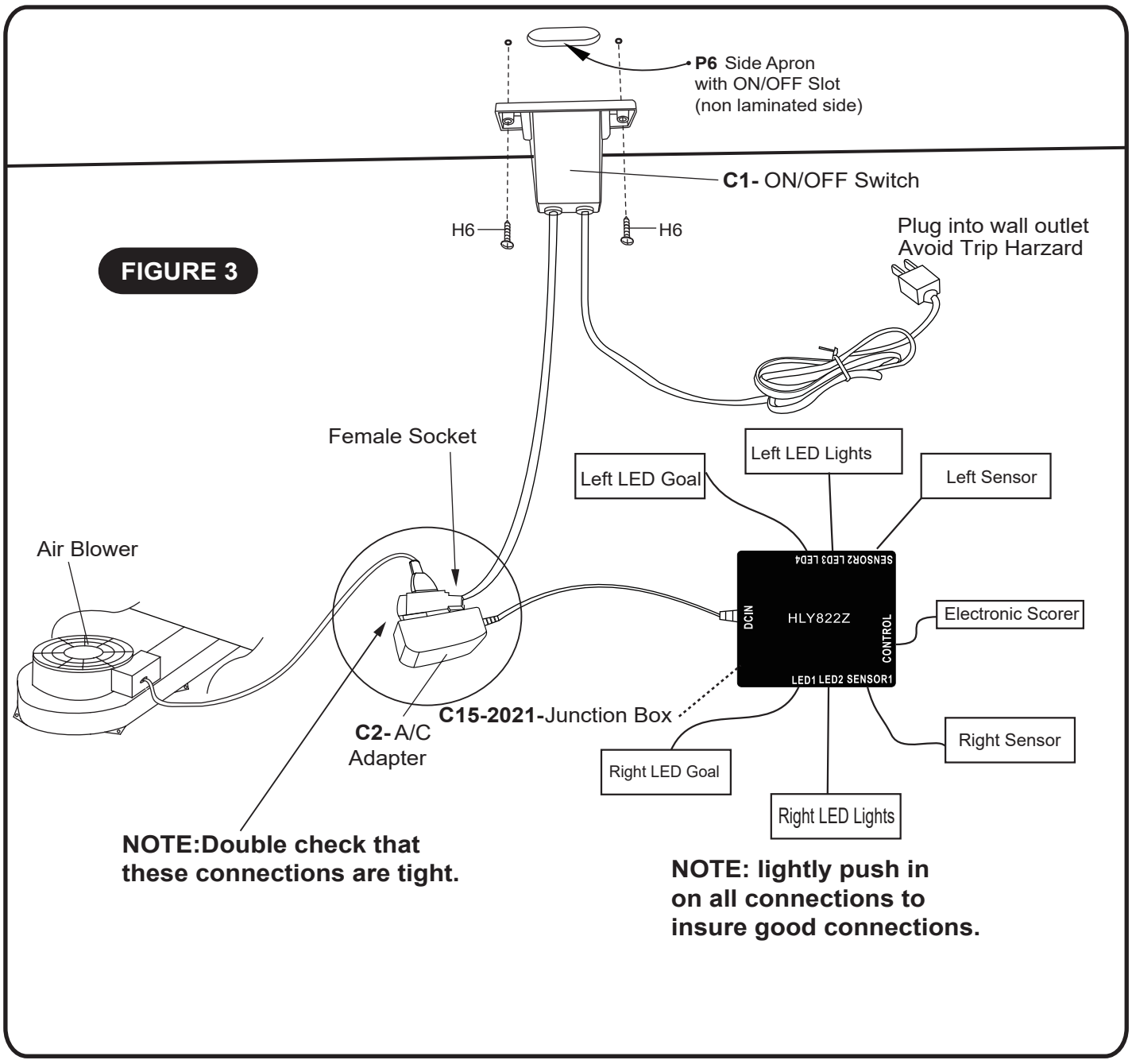
2 pcs - **H6** 3.5 x 14mm Phillips Flat Head Screw

1 pc - **C1** ON/OFF Switch (already attached to underside of table)

STEP:3

Install ON/OFF Switch **(C1)** onto inside of Side Apron with ON/OFF Slot **(P6)** using pilot holes with Philips Flat Head Screws **(H6)** as shown in **FIGURE 3.**

Tighten, but do not strip out Screws (H6).



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PARTS REQUIRED:

4 pcs -	**H4** 4 x 45mm Phillips Flat Head Screw	4 pcs -	**H2** 8.5 x 22mm Flat Washer
4 pcs -	**H3** 8 X 28mm Allen Head Bolt	1 pc -	**P10** Side Leg Support Board B
1 pc -	**P9** Side Leg Support Board A	4 pcs -	**H9** M8 Lock Washer

STEP:4

Screw Side Leg Support Board A **(P9)** and Side Leg Support Board B **(P10)** to Air Hockey Table Cabinet **(P13-2021)** using Screws **(H4) as shown in DETAIL D and DETAIL E**.
Next, install Side Leg Support Board A **(P9)** and Side Leg Support Board B **(P10)** onto inside of Side Leg Panels **(P8)** with Bolts **(H3)**, Lock Washers **(H9)** and Flat Washers **(H2)** using Allen Wrench **(T1) as shown in DETAIL D and DETAIL E**.

Do not strip out Screws(H4).

Lastly , tighten all remaining H1 Bolts from Step 1 and Step 4 at this time.

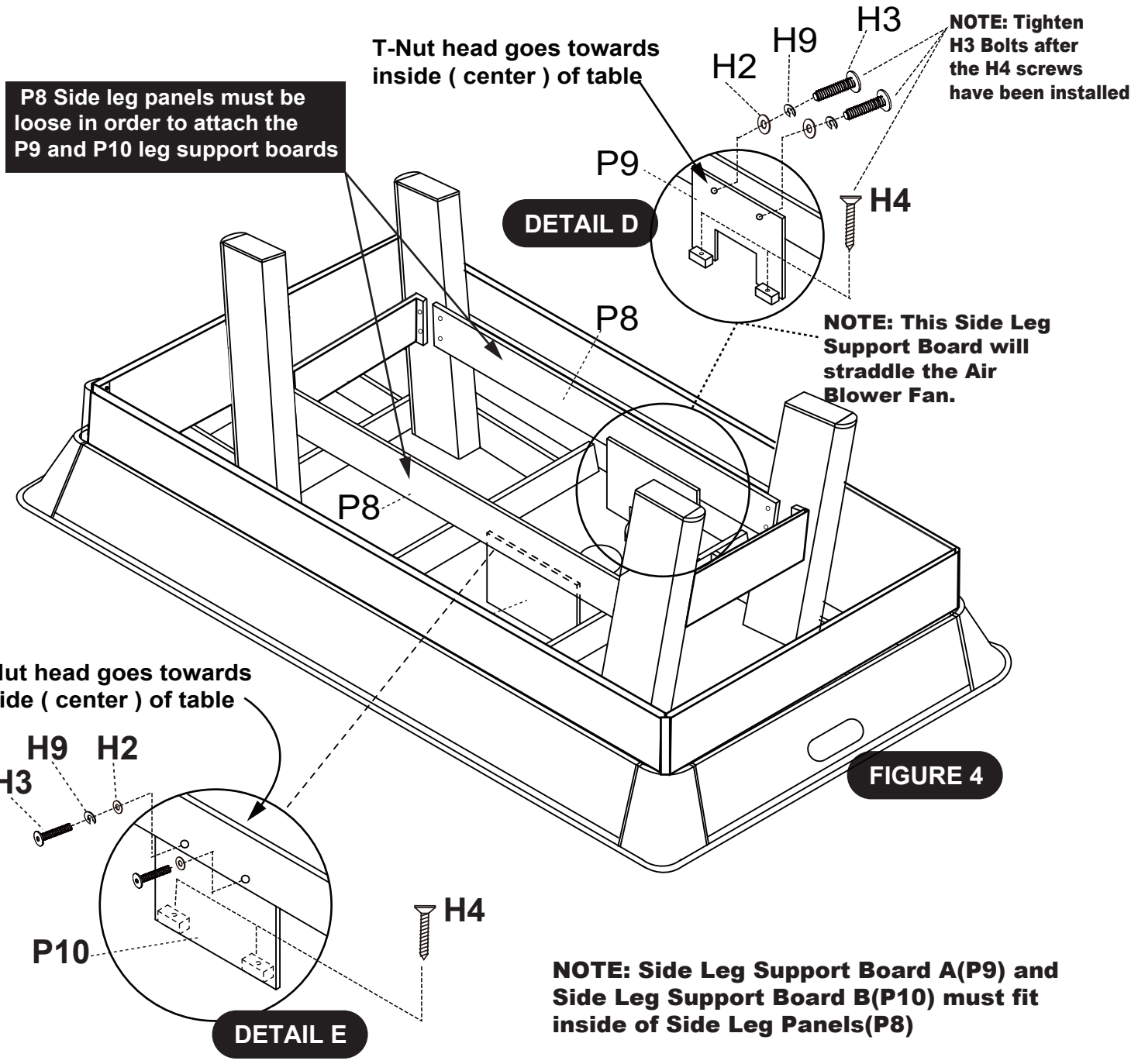

FIGURE 4

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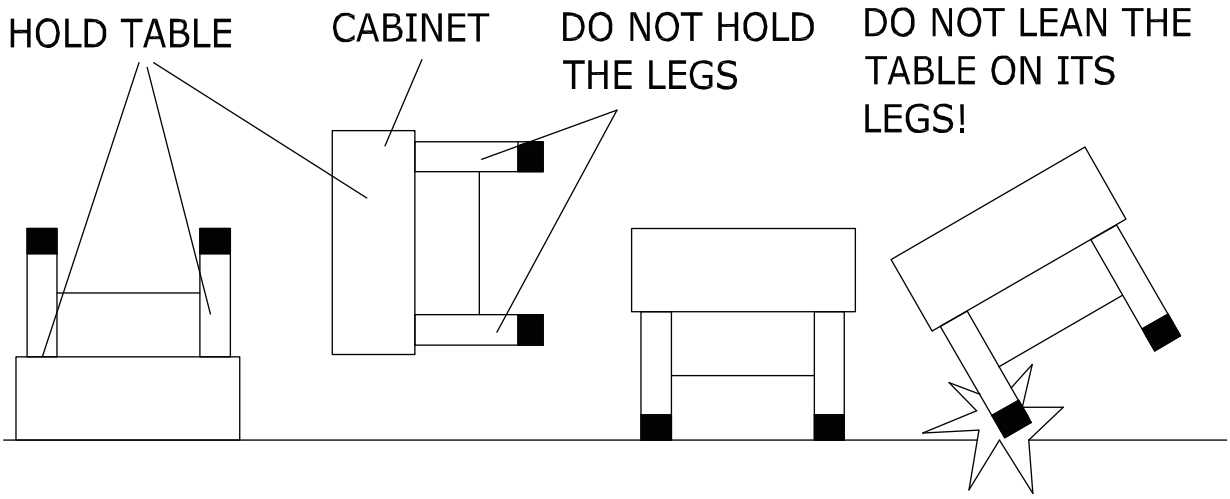

CAUTION: Six strong adults are recommended to flip the table as shown.

1. Grab the table on the ground.

2. Turn the table over.

3. Place it on all four feet at the same time on the ground.

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PARTS REQUIRED:

2 pcs - **H7** 3.5 x 18mm Phillips Round Head Screw

1 pc -**P14-2021** Electronic Scorer

STEP:5

First,feed the Electronic Scorer **(P14-2021)** plug wire down through the hole on one side of the long top rail as shown in **FIGURE 6.**

Next, connect the Electronic Scorer plug to Junction Box **(C3)** as shown in **DETAIL F.**

Next, install Electronic Scorer **(P14-2021)** onto long top rail using Philips Round Head Screws **(H7)** as shown in **FIGURE 6.**

Tighten, but do not strip out Screws (H7).

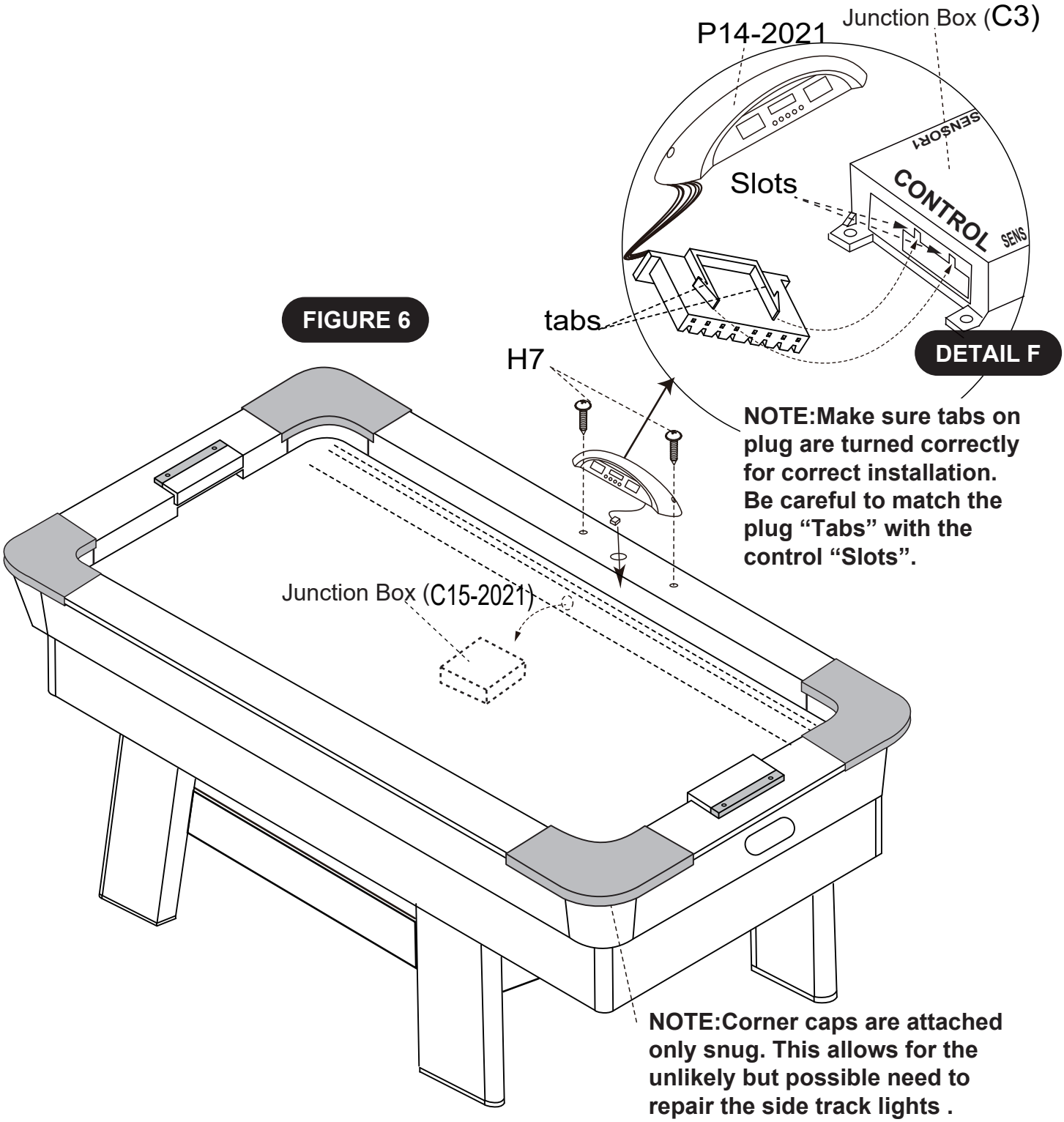

FIGURE 6

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

CARE AND USE OF YOUR HOCKEY TABLE

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 the A8 and A9 leveling shims (supplied) along with a carpenter's level to level table for best play.
10. If possible, cover table with a pool table cover or sheet when not used indoor to keep playfield clean preventing any dust build up.

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 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.

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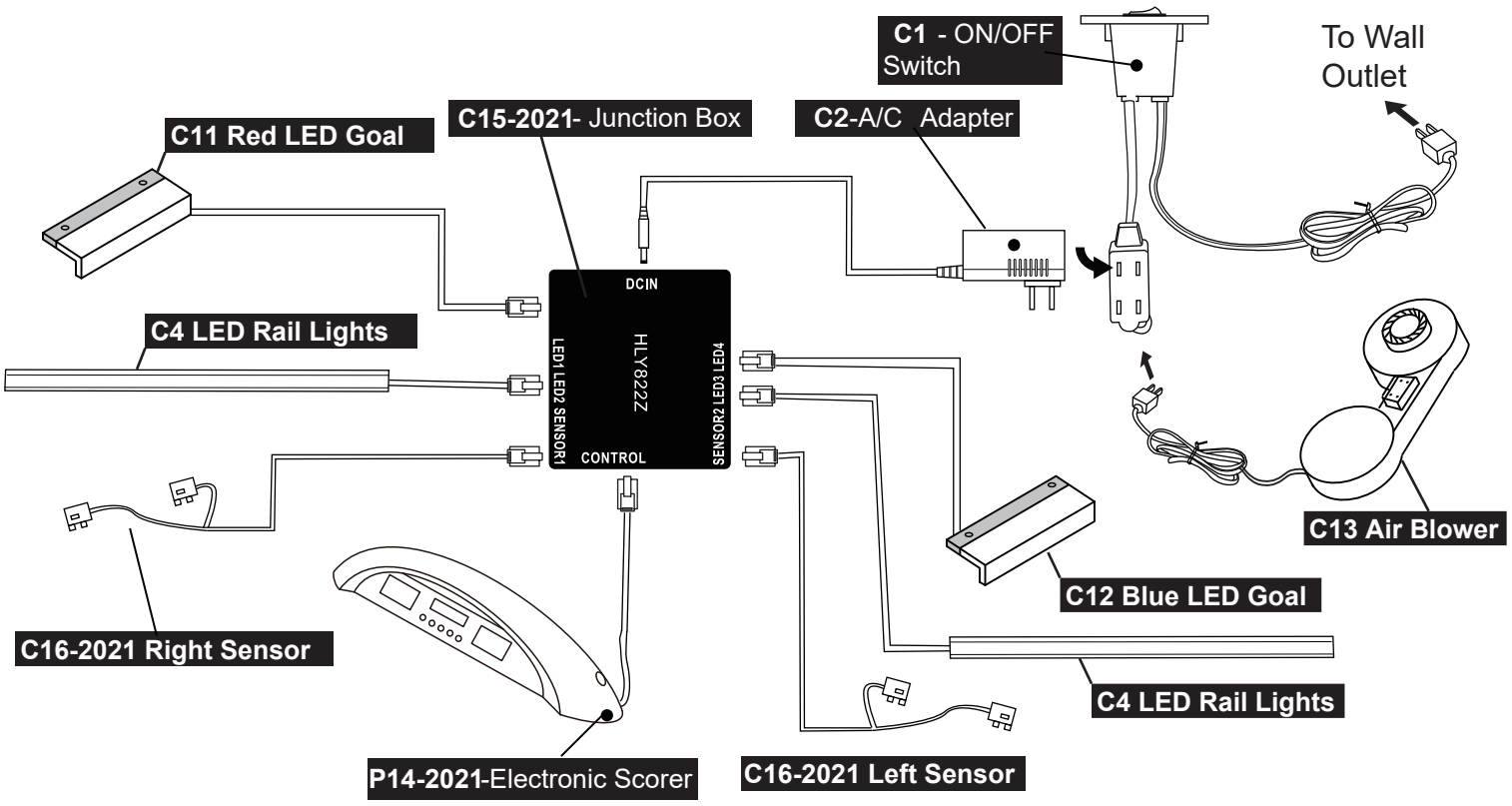
ELECTRICAL CONNECTIONS & SPARE PARTS DRAWINGS



PRODUCT PARTS LIST

MODEL: G04865

Part#	Description	Qty
G04865HLH1	8 x 35 mm Allen Head Bolt	28
G04865HLH2	8.5 x 22 mm Flat Washer	32
G04865HLH3	8 x 28 mm Phillips Round Head Screw	4
G04865HLH4	4 x 45 mm Phillips Flat Head Screw	16
G04865HLH5	3.5 x 12 mm Phillips Round Head Screw	8
G04865HLH6	3.5 x 14 mm Phillips Flat Head Screw	2
G04865HLH7	3.5 x 18 mm Phillips Round Head Screw	2
G04865HLH8	3.5 x 33 mm Phillips Round Head Screw	4
G04865HLH9	M8 Lock Washer	32
G04865HLA1	BLUE LED Striker	1
G04865HLA2	RED LED Striker	1
G04865HLA3	Felt Pad	4
G04865HLA4	Blue LED Puck	1
G04865HLA5	Red LED Puck	1
G04865HLA6	Red Puck	2
G04865HLA7	USB Cable	1
G04865HLA8	1 mm Shim Pack	3
G04865HLA9	2 mm Shim Pack	3
G04865HLA10	Red Striker	2
G04865HLT1	M5 Allen Wrench	1
G04865HLK1	Hardware Kit	1
G04865HLM1	Owner's Manual	1
G04865HLP13-2021	Air Hockey Table Cabinet (no motor)	1
G04865HLP2	Left Leg	2
G04865HLP3	Right Leg	2
G04865HLP4	End Apron	2
G04865HLP5	Side Apron	1
G04865HLP6	Side Apron with ON/OFF Slot	1
G04865HLP7	End Leg Panel	2
G04865HLP8	Side Leg Panel	2
G04865HLP9	Side Leg Support Board A	1
G04865HLP10	Side Leg Support Board B	1
G04865HLP11	Corner Post	4
G04865HLP14-2021	Electronic Scorer	1
G04865HLC1	ON/OFF Switch	1
G04865HLC2	A/C Adapter	1
G04865HLC15-2021	Junction Box	1
G04865HLC4-A	LED Rail Light A	2
G04865HLC4-B	LED Rail Light B	6
G04865HLC4-C	LED Rail Light C	2
G04865HLC5	Corner Cap	4
G04865HLC6-A	Side Top Rail with Hole (ES installation)	1
G04865HLC6-B	Side Top Rail without Hole	1
G04865HLC7	8 x 25 mm Allen Head Bolt	4
G04865HLC8	3 x 9 mm Phillips Round Head Screw	30
G04865HLC9	8.5 x 22 mm Flat Washer	4
G04865HLC16-2021	Lower Puck Catcher with Sensor Wires	2
G04865HLC11	Red LED Goal	1
G04865HLC12	Blue LED Goal	1
G04865HLC13	Air Blower	1
G04865HLC14	Plastic Puck Catcher	2

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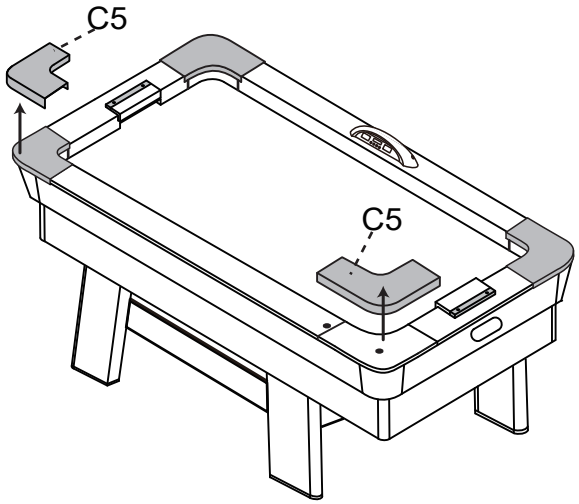
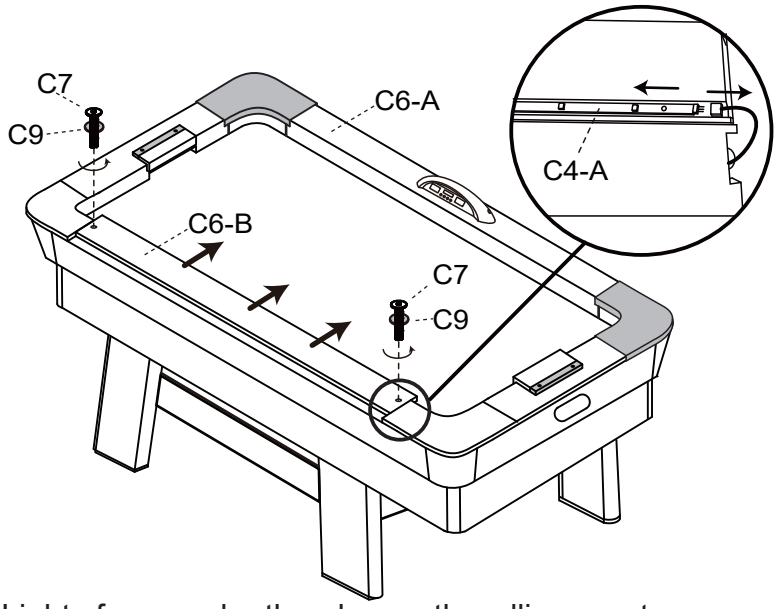
Replacement of LED Rail Lights

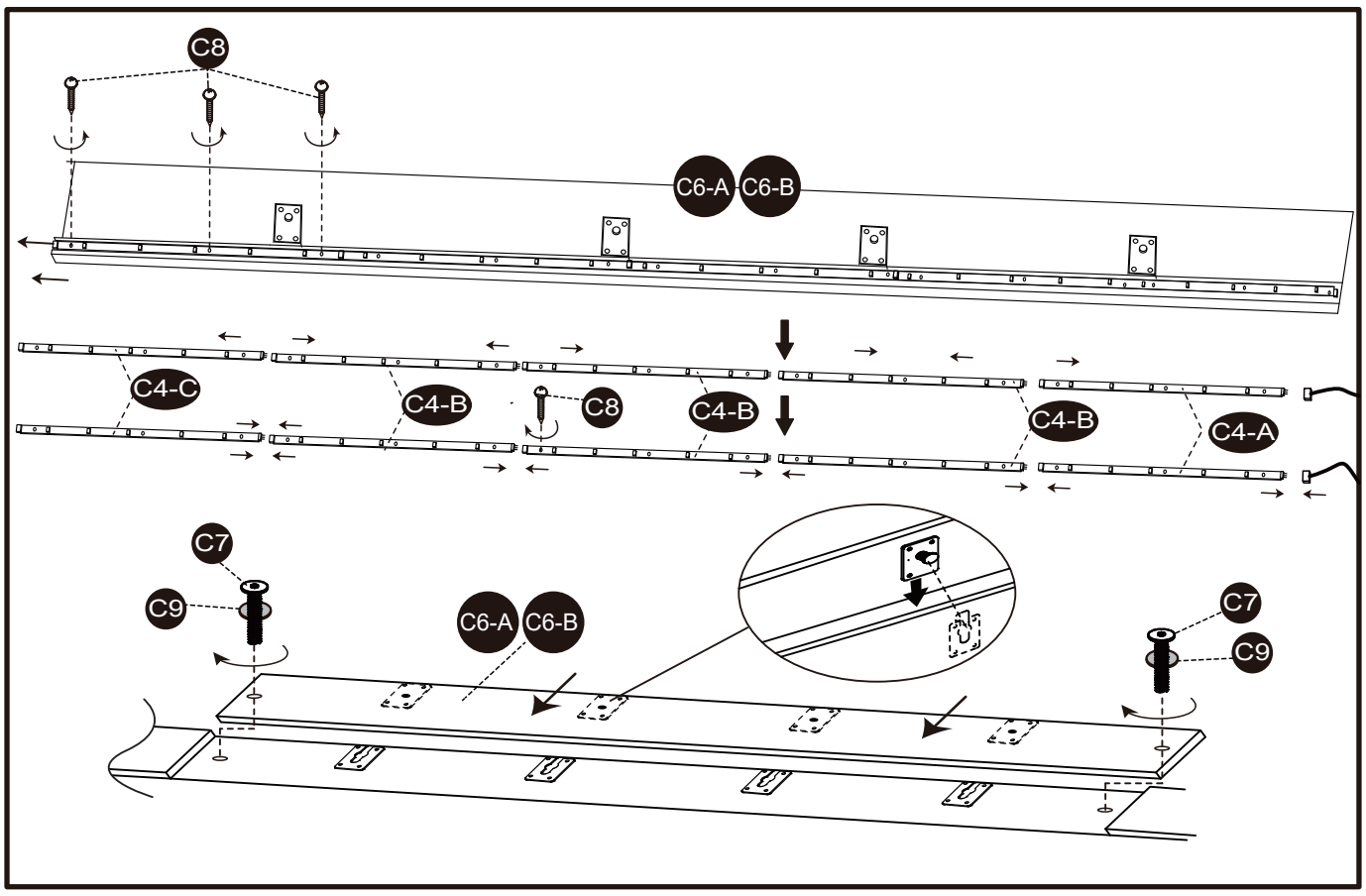
STEP ONE :
Remove Corner Caps **(C5)** from the table top rail.



STEP TWO :
Unscrew Bolts **(C7)** and slide Side Top Rail **(C6-A)** or **(C6-B)** from Table Cabinet **(P1)**. And carefully unplug the LED Rail Light A **(C4-A)**.



STEP THREE :
Unscrew Screws **(C8)**, 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 **(C6-A/C6-B)** using Screws **(C8)** as shown in the diagram.
Next, connect the plug of LED Rail Light A **(C4-A).**
Slide back and screw Side Top Rail **(C6-A/C6-B)** to the table top rail using Bolts **(C7)** and Washers **(C9)**.
Lastly, press Corner Caps **(C5)** back to the table top rail.
Tighten, but do not strip out screws (C8).



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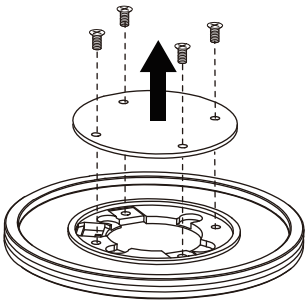
LED PUCK BATTERY CHANGE INSTRUCTION

The purchase of a new CR2016 lithium 3V Battery is required

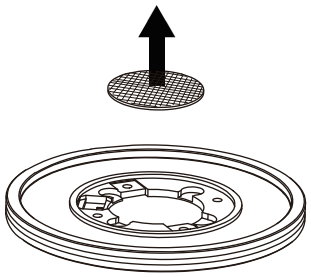
STEP ONE:

Remove screws and back cap from LED Puck using **Small** Phillips Screwdriver (not provided).

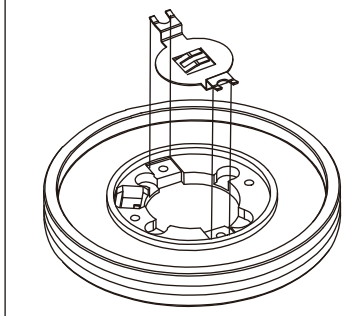


STEP TWO:

Remove CR2016 Lithium Battery 3V from LED Puck.

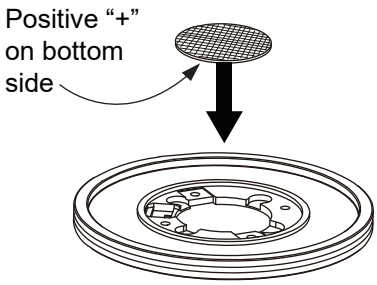


IF BATTERY HOLDER BRACKET MOVES, RE-INSTALL IT TO LED PUCK AS SHOWN IN DIAGRAM.



STEP THREE:

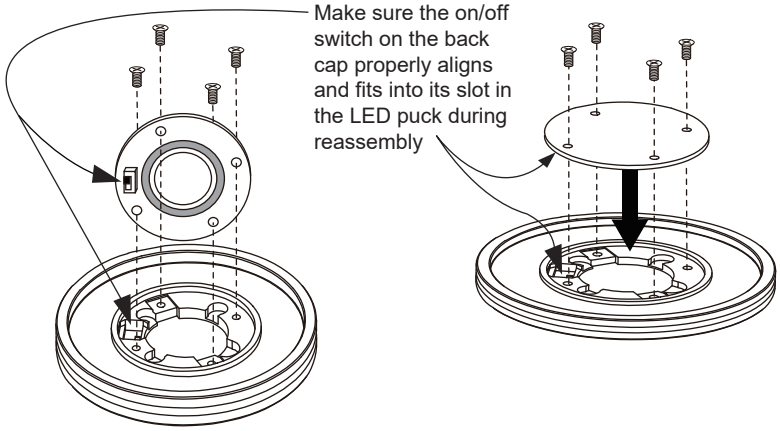
Insert new CR2016 Lithium Battery 3V into LED Puck.



STEP FOUR:

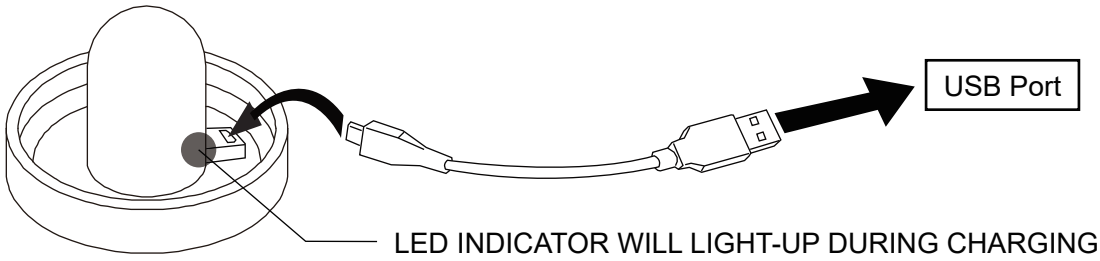
Install back cap and secure screws with Phillps Screwdriver (not provided).

NOTE:
Make sure the on/off switch on the back cap properly aligns and fits into its slot in the LED puck during reassembly



Helpful Hint:
The LED puck battery will last approximately 7 hours of continuous play. The puck battery is not rechargeable. Be sure to turn the switch to the "OFF" position whe**n not in use to conserve your battery life.**

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.

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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.

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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 .

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