

**BEFORE YOU START:** Your best resources for Dynamo Air Hockey are the [CURRENT](#) and [PREVIOUS-GENERATION](#) Air Hockey Parts Breakdowns. Located on this site, both are packed with useful information. Note that the IDENTIFIERS on the exploded drawing could refer to several different PART NUMBERS. There is no such part as an “H3”. Never was. Don’t look for an “H3” in the Webstore, don’t ask for the price of an “H3”, nobody needs an “H3”. Save time and find the actual part number.

**BEFORE YOU CALL:** To solve any functional or wiring questions, open the SERVICE DOOR on the side of your table and check to see the VERSION (v#.##) of the Controller PC Board. We assure you, this will be the first question Tech Support will ask you and darn close, so be prepared.

**A WORD ON PARTS AVAILABILITY:** The basic coin-operated and “Pro Style” professional grade products have changed little over the past 30 years. In most cases, the biggest changes will be cosmetic. While a part or decal may no longer be available in a particular color or pattern, there is a current part that should fit. On a standard 8-foot or 7-foot table, you should be able to find legs, corners, playfields, goals, playfield trim, overhead brackets, corner covers & decals that may not match, but fit.

### **Parts NO LONGER available with NO replacement are...**

Any part specific to [Four-Player Tables](#) other than [PUCK DROPS](#)

Any part specific to small 6-foot Tables including the [Mini Splash](#) and [small Hot Flash](#) models (Short Shot is not 6-foot)

[Top Rails without Rounded Corners](#)

[All parts for “Dual Tube” overheads](#)

[Arena](#) Overhead parts (other than the LED Scoreboard)

Parts for [Tornado Branded Coin-operated](#) tables

Parts are competitively priced if you need an item or two to get a table working. The cost can add up very quickly for a table that needs “a complete restoration” or was the table picked from to repair others. Dynamo takes pride in a durable table for which many parts are still available, but sometimes *practically always* a new Dynamo with updated features is a better investment than sinking hundreds of dollars into a 10 or 20 or even 30 year old table.



- **HOW OLD IS MY TABLE?**
- **DOES IT HELP THAT MY TABLE IS A "DH-100"?**
- **I KNOW MY MODEL NUMBER, DOES THAT HELP?**
- **WHAT'S THE CFM RATING ON YOUR BLOWER MOTORS?**
- **WHY DO I NEED A BLOWER MOTOR GASKET?**
- **HOW DO I CLEAN MY PLAYFIELD?**
- **MY PLAYFIELD IS CLEAN, BUT THE GAME PLAY IS STILL SLOW.**
- **WHAT MAKES DYNAMO PUCKS AND MALLETS SPECIAL?**
- **I THINK MY MALLETS ARE CRACKED.**
- **MY MALLETS HAVE NO FELT PADS FOR THE BOTTOM, CAN I ORDER THEM FROM YOU?**
- **CAN I PURCHASE A REPLACEMENT FOR MY DAMAGED PLAYFIELD?**
- **CAN I CUT DOWN AN 8 FOOT PLAYFIELD FOR A 6' COIN OP AIR HOCKEY?**
- **WHY NOT USE STAINLESS STEEL OR POLYCARBONATE PLAYFIELDS?**
- **WHAT ABOUT PLAYFIELDS FOR CONSUMER AIR HOCKEY TABLES?**
- **CAN I STILL GET ARCTIC STAR PARTS?**
- **WHAT TO DO? MY COIN TABLE IS PLUGGED IN AND WON'T START.**
- **WHAT DOES THIS TROUBLE CODE MEAN?**
- **WHY DOES MY TABLE SHUT DOWN AUTOMATICALLY?**
- **DO YOU REPAIR FAILED BOARDS?**
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- **DO YOU SUPPLY THE ELECTRICAL COMPONENTS ON THE BOARDS?**
- **CAN I ADD A BILL ACCEPTOR TO MY TABLE?**
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- **HOW DO I TOUCH UP THE FLUORESCENT YELLOW TRIM PIECES ON MY HOT FLASH II AIR HOCKEY?**
- **THE SIDE AND END DECALS ON MY AIR HOCKEY TABLE ARE WORN, WHAT REPLACEMENTS ARE AVAILABLE?**
- **CAN I BUY SOME OF THOSE NIFTY NEW HOT FLASH DECALS FOR MY OLD HOT FLASH?**
- **HOW CAN I MOVE MY TABLE, AND SHOULD I DISASSEMBLE IT?**
- **WHAT KIND OF LIGHT BULBS GO IN THE ARENA OVERHEAD?**
- **WHAT KIND OF LIGHT BULBS GO IN THE EMERGENCY BEACONS ON THE ARENA OVERHEAD?**
- **WHAT KIND OF LIGHT BULBS GO IN THE BLUE STREAK/PRO STYLE OVERHEAD?**
- **WHY DON'T YOU SELL LIGHT BULBS**
- **WHERE CAN I FIND BLACKLIGHT BULBS FOR MY HOT FLASH OVERHEAD?**
- **CAN I GET PARTS FOR THE HELICOPTER-STYLE LIGHT ON MY ARENA AIR HOCKEY?**
- **I REPLACED A GOAL END AND SCORES NO LONGER REGISTER. WHAT HAPPENED?**
- **HOW CAN I CHANGE MY OLD TABLE TO THE "CHEAT PROOF" MAGNETIC COIN SWITCH?**
- **NEW QUICK ENTRY GOAL ENDS HAVE ONLY ONE BOLT HOLE, MINE HAVE TWO**
- **CAN I CHANGE MY QUICK-ENTRY GOAL ENDS TO THE HINGED STYLE THAT USES LOCKS?**
- **HOW DO I GET THE NEWER CORNER PROTECTORS TO FIT ON MY OLDER DYNAMO TABLE?**
- **I HAVE A TORNADO AIR HOCKEY TABLE, CAN I STILL GET PARTS?**

**HOW OLD IS MY TABLE?** Serial numbers on Dynamo Air Hockey tables were not tracked. Or were tracked in some ancient computer system we can no longer access. As tables have been modified and updated through the years, the version of PCB in your table, coin mechanism, scoring mechanism or even the cosmetic appearance will not reveal the age. Your table may have a v7.0 PCB and a magnetic coin switch, but those may not have been original equipment.

“This axe is 30 years old. I replaced the handle 10 years ago and the blade 7 years ago.”

If your table has mechanical scoring switches in the goals, it was probably built before 1993.

If your table uses a push chute coin system, it was probably built before 2005 (although we still make Push Chute tables occasionally to order)

**MY AIR HOCKEY TABLE IS A “MODEL DH-100,” DOES THAT HELP?** No. Technically, for certification purposes, every Dynamo table that floats a puck on air, whether they are home model, professional-grade home tables, or coin operated, built yesterday, last year, or 30 years ago is a model DH-100. What’s important to know when looking for any parts are if the table is or is not coin operated, and if any Model Name (NOT NUMBER) is shown or known. Again, the Parts Breakdown links at the top of this page are your most valuable resource.

**“MY AIR HOCKEY TABLE IS A MODEL 02040\_ \_ \_ \_ , DOES THAT HELP?”** We do not have historical records of model numbers and years built. The problem with having computerized records on computers technology has passed by.

**WHAT’S THE CFM RATING ON YOUR BLOWER MOTORS?** This is asked on occasion and before we reveal the answer, understand it’s **absolutely impossible** to make a simple apples-to-apples comparison. The blower sends air into the air chambers in the playfield, and then that air is forced out through the holes in the laminate. If the blower is the source of air, think of the playfield as a giant air filter. The ultimate goal is that the table have uniform pressure throughout the playfield – whether directly over the blower or in the corner furthest away. Does a blower motor with more CFM need to force the air out through larger holes? Does a blower motor with fewer CFM have a playfield with narrower chambers? The point is: more CFM is not immediately better, fewer CFM is not immediately worse, and “upgrading” a motor is probably not going to make any difference. **IS THE PLAY CONSISTENT? ARE THERE DEAD SPOTS?**

30+ years of Dynamo tables still working and earning in the field are testimony to us having “got it right.”

Coin and ProStyle blower motors have an output of approx. 375 CFM  
Arctic Wind and Short Shot motors have an output of approx. 85 CFM  
And even this is WAY more than the playfield can process, so expect some air bleed.

**IF THERE’S GONNA BE AIR BLEED, WHY WOULD I NEED A [BLOWER MOTOR GASKET](#)?** For vibration dampening, helps the motor run more quietly.

**HOW DO I CLEAN MY PLAYFIELD?** The simple explanation is to turn the blower on and use only Isopropyl (rubbing) alcohol. Oh sure, we could bottle up some “Official Certified Dynamo Playfield cleaner” and sell it, but it’d just be relabeled rubbing alcohol. Apply the alcohol to a clean cloth and wipe down the playfield. It will clean and evaporate quickly.

- *NEVER pour any liquid directly onto the playfield, it will warp the playfield.*
- *NEVER use water as it will not evaporate quickly enough and warp the playfield.*
- *NEVER use furniture polish or protectants. The wonderful shine they give leaves a film that will slow play, collect grime even faster and possibly never completely come off.*

Our [Playfield Care Service Bulletin](#) will give details on all aspects of playfield care and repair.

**MY PLAYFIELD IS CLEAN, BUT THE GAME PLAY IS STILL SLOW.** Microscopic puck and mallet dents over time will interfere with the air cushion. Replace your pucks and mallets, or sand them with [240 grit sandpaper](#).

**WHAT MAKES DYNAMO [PUCKS AND MALLETS](#) SPECIAL?** We use our own proprietary plastic formula. Our HEAVIER pucks tend to stay on the table and not fly off, but our pucks and mallets also have some FLEXIBILITY for better playing action. Imagine the difference between hitting something solid with a ball-peen hammer vs. a rubber mallet. The mallet has more give, and your wrist won’t hurt as quickly or as much. Do our pucks and mallets cost a little more? Yes. Are they better? We think so. Our [Webstore](#) offers Dynamo mallets; and Dynamo pucks in 3¼” size for coin operated and Pro-Style tables, and 2½” for the Short Shot and Arctic Wind tables.



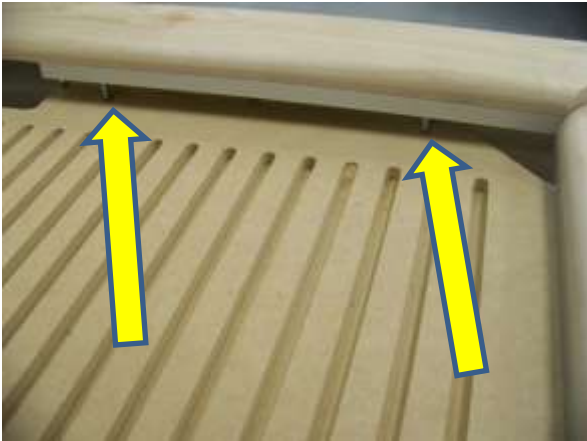
**MY BRAND NEW MALLETS ARE CRACKED – SEE THE FAINT LINE ON THE BOTTOM.** That’s not a crack in the plastic, that’s a surface line from the mold. It doesn’t go through the plastic, doesn’t affect the structural integrity of the mallet, won’t affect performance, and will vanish instantly with a little rub of that [240 grit sandpaper](#).

**MY MALLETS DID NOT COME WITH FELT PADS FOR THE BOTTOM, WHERE CAN I ORDER THEM FROM YOU?** Dynamo Mallets have NEVER included felt pads, which degrade the playing experience without truly protecting the playfield. While it would be easier on a basketball court if you played in house slippers, the basketball game would be awful. You wouldn’t want to play there!! The BEST WAY to prevent playfield damage is to keep the surface clean and free of dust and particles. With bits on the playfield, it doesn't matter if there are felt pads or not, the dust will be the abrasive that damages the surface. Always keep the bottom of your mallets sanded smooth with the included 240-grit

sandpaper. Finally, no extra points are awarded if you press the mallet REAL HARD onto the playfield. Use a light touch.

After this, assuming you did still want to add Felt Pads, nobody has found a felt pad that will stay stuck to mallets more than a few weeks. You'll be forever chasing down additional sticky pads for the mallets.

**MY PLAYFIELD IS DAMAGED BEYOND ANY HOPE OF REPAIR, CAN I PURCHASE A REPLACEMENT?** The answer is yes for coin-operated and Pro Style 8-foot and 7-foot tables, no for smaller tables except the current model Short Shot. [Playfields are available in the Webstore](#), but are the most expensive part of the table, and they are expensive to send because they weigh over 180 pounds and must be shipped flat (shipping to non-residential addresses typically runs in the range of \$200, automatically added to the playfield price). Be forewarned: an Air Hockey table that is "in great shape, but just needs a new playfield" might not be as good a deal as it sounds.



**COULD I JUST CUT DOWN A LARGER PLAYFIELD TO FIT A 6 FOOT TABLE?**

Definitely not, and this photo of an unlaminated playfield explains why. You would end up removing the outer framing. The rail bolts (note yellow arrows) would lack a solid anchor, and the inner air chambers (those long grooves) would be opened. It would be like taking a few inches off of a fish tank to make it smaller. All the water's going to get out unless you build all new walls. Consider replacing a 6-foot table in need of a new playfield with our [Dynamo Short Shot](#).

**WOW, PLAYFIELDS ARE KIND OF EXPENSIVE; COULD I JUST PUT A NEW LAMINATE ON MINE?** In theory it would be possible, but on an 8-foot table that also means precisely drilling 4186 holes for airflow and carefully mounting that drilled laminate onto the air chambers to guarantee uniform pressure throughout the playfield. It's not as easy as it looks; only a machine has the accuracy and attention span. And before you ask, we do not sell drilled laminates separate from the playfield.

**YOUR COMPETITORS' TABLES HAVE POLYCARBONATE AND STAINLESS STEEL PLAYFIELDS, WHY DO YOU STILL USE LAMINATE?** That's an excellent question. Every company has their solutions to the playfield issue; we have looked into both playfields.

While a stainless steel surface would take longer to wear through, it is still susceptible to scratching. We also found a stainless steel surface more susceptible to small dents (dents that cannot be 'pounded out' because you cannot get behind them with the surface mounted on the playfield) and these small dents interrupt the uniform air cushion essential to good hockey play. Finally, the stainless steel surface is no better at resisting moisture than a laminate playfield because it is still mounted on wood. While the steel won't bubble like a laminate, the wood will still swell and result in an uneven surface.

We've dipped our toe in the water with the [Cosmic Thunder](#) table. During the Research & Development process for that we quickly learned that they are expensive, and for all the effort needed to make a polycarbonate playfield that'd retrofit to an existing Dynamo table, buying a new table with current electronics and updated parts would make far better sense. As far as whether to expand our offerings of tables with polycarbonate playfields, let's see what happens.

While our laminate playfields are, we admit, the most expensive part of our tables; we've priced the Stainless Steel replacement playfields and they were considerably more expensive. We were unable to find the purchase cost of a replacement polycarbonate playfield but from what it cost us to buy them direct from the supplier, it can't be good. Meaning if you plan to put a hockey table in a location for a few years and replace the table when the playfield wears, these tables might be attractive to you. If you want to INVEST in a table that you can keep in service for decades... and hundreds of Dynamo tables are decades old and still in service... and it might require a replacement playfield or two over the course of those decades, Dynamo is the table for you.

**I KNOW THIS IS A COIN-OP/PRO STYLE FAQ PAGE, BUT ARE PLAYFIELDS AVAILABLE FOR THE CONSUMER TABLES SUCH AS THE ARCTIC FLASH, ARCTIC STAR, CLUB PRO AND ARCTIC WIND?** Replacing the playfield on these tables would require disassembling them to a point that they would lose their structural integrity and could never be correctly reassembled again. Threaded nails and wood adhesives are used to build the cabinets. We do not offer playfields for the Consumer Grade tables and would recommend replacing the table if the playfield is sufficiently damaged to require replacement.

**ARE THERE ANY PARTS AVAILABLE FOR THE ARCTIC STAR TABLE?:** For a few years now all we have left are a few leg levelers and [AC Adaptors](#) (priced REAL cheap!!!). The overseas manufacturer who built that table ceased all contact with us when Brunswick sold Valley-Dynamo *ten years ago* in 2009, and we could no longer obtain any parts. Soon after, Brunswick started marketing a remarkably familiar-looking table called the V-Force, but that table has since reverted to non-electronic scoring. Also, GLD Products sold another very familiar looking table called the Viper Arctic Ice – this one even has a big star on the playfield like the Arctic Star did, but that's since been discontinued. Are the parts compatible? We're not sure; GLD said they were. The manufacturer still isn't answering our calls or e-mails.



**I PLUGGED IN MY COIN HOCKEY AND IT'S NOT WORKING, EVEN WHEN I PUT IN COINS.** Coin games have a power on-off switch. On most older tables this can be found inside the service door (door on side of table secured with two locks). On newer tables it can be found underneath the cabinet. If you cannot find the switch, [PLEASE contact Tech Support](#) before you start ordering and replacing parts.

## WHAT DOES IT MEAN WHEN MY COIN OR PRO STYLE TABLE DISPLAYS THIS CODE?

We are working on an updated Troubleshooting list for some of the older boards, but these handy tips may be very helpful

- A display flashing “01” or “22” indicates a problem with the LEFT goal end sensor
- A display flashing “10” or “11” indicates a problem with the RIGHT goal end sensor

Remove the cover and look for a foreign object or puck stuck in the goal area

- A display flashing “08” indicates a problem with a Coin Switch – [contact us](#) for more information.

**WHY DOES MY TABLE SHUT DOWN AUTOMATICALLY?** The current v7.2 PCB defaults to a 7-point game, it can be set as low as a 2-point game or as high as a 9-point game. It also has a timer built in that defaults to a 7-minute game. The times can be set to as high as a 16-minute game, or even to play only by score without regard to time. Both features are built in to keep your table from running for hours if the players wander off. We have posted the Programming Parameters for the [v7.2](#) and [v9.0](#) boards currently used, and the recently discontinued but still popular [v7.01](#) PCB. On new tables these instructions are attached to the inside of the Service Door.

**DO YOU REPAIR FAILED AIR HOCKEY BOARDS?** We do not. Many tables starting with the v2.4 board can be upgraded to the current v7.2 PCB, and that way you get the most current part with all the latest features and no “Repair history.” [YOU CAN PURCHASE THE v7.2 PCB INTERFACE KIT AT THIS LINK.](#) This includes the board and the adapter to install it in an older table. [Valley-Dynamo Tech Support](#) will be able to help with the specifics. **Current PCBs look like (color may vary, and scale might be a little off):**



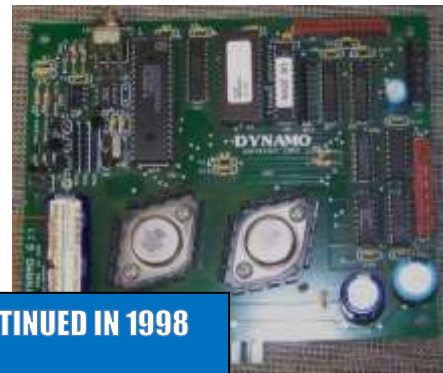
**V7.2 – U.S. 110v tables  
without sound  
part # 880400127**



**V9.0 – U.S. 110v tables  
with sound  
part # 880400140**



**v7.0 – U.S. 110v tables  
without sound  
part # 880400125  
DISCONTINUED 2017  
Replace with v7.2**



**v6.11 – DISCONTINUED IN 1998  
Replace with v7.2**

**As we can get more photos of older board types we'll post them. The v6.11 board debuted in 1993 and is now 25 years old.**

**I DON'T SEE ANY PART NUMBERS LISTED FOR THE BOARD-LEVEL ELECTRICAL COMPONENTS, DO YOU SUPPLY THEM?** Because we do not build boards in house we do not stock board-level repair components, not even for current production PC boards. As technology has progressed you are likely to find that components for older boards are now difficult or impossible to get from the usual suppliers. This led directly to the creation to the v7.2 PCB – it doesn't do that much more than the v7.0 – but the component bits are current and available!! If you choose to attempt repairs, [we have most board schematics posted on the site.](#)

**MY TABLE HAS A COIN DOOR WITH ROLL DOWN MECHS, AND IT LOOKS LIKE THERE IS SPACE ON THAT DOOR FOR A BILL ACCEPTOR. CAN I ADD ONE?** Yes, most 110v DBAs should work. Contact Tech Support.

**CAN I ADD A BILL ACCEPTOR TO A TABLE WITH A PUSH CHUTE COIN MECH?** No.

**CAN I INSTALL COIN OPERATION ON MY NON-COIN TABLE?** Coin tables are built from the ground up to accommodate the coin door and electronics. In a situation where you are torn between a coin and non-coin table, it's easier to set up a coin table for free play than to convert a non-coin table to coin operation. A lot like it's easier to turn a garage into a spare bedroom than a spare bedroom into a garage.

**DO YOU CARRY TOUCH UP PAINT FOR THE FLUORESCENT TRIM PIECES ON MY HOT FLASH II OR FIRE STORM AIR HOCKEY?** The UV reactive surface on these pieces is powder coated, *not painted*. Finish flaws that may not be noticed under normal light are extremely obvious when the black light is used.

The problem when trying to touch up is that a finish that looks good under normal light can look bad under the black light and a finish that looks good under the black light can look bad under normal light.

Unfortunately, the best solution will be to replace any damaged rail or goal end. Obviously that is expensive but it will be the only complete solution with no guesswork or unknown



problems. If you choose to try to find some sort of touch-up paint (we do not stock the paint), you must decide if it is more important that the part looks good under the black light, or in normal light. If black light is more important, you must get "UV reactive" paint and use care when painting as even the slightest flaw or change in paint thickness will be very obvious under the black light.

Completely replacing the new parts is the best way to have a new finish. [The goal ends, side rails and goal end rails](#) are available in the Webstore.

**THE SIDE AND END DECALS ON MY AIR HOCKEY TABLE ARE WORN, WHAT REPLACEMENTS ARE AVAILABLE?** The [EXTERIOR DETAIL AND APPEARANCE](#) WebStore category is where you can view and purchase all decals currently available.

**I WANT TO MAKE MY WORN OLD HOT FLASH II LOOK LIKE THAT BRAND NEW MODEL – BUT THOSE DECALS AREN'T LISTED.** For the first few years of production, the only way to get the new-style Hot Flash decals will be on a new Hot Flash. If that table is looking worn it's from making you a lot of money for a lot of years, maybe it's time for a new table?

**HOW CAN I MOVE MY TABLE, AND SHOULD I DISASSEMBLE IT?** It is preferable to simply remove the legs and overhead and move the table intact. When moving the table on a truck, move the table on its side, service door up, strapped to the wall of the truck, with thick cardboard wedged beneath to provide support. No matter how you move the table, always place something between the rail and floor to prevent damage, and ALWAYS take great care to protect the playfield from scratches or dents. As discussed earlier, the playfield is the most expensive part of the table and while we really like selling replacement playfields, you won't like paying for one if damaged in an avoidable accident. The playfield can be removed, contact us for detailed instructions.

Further disassembly is **STONGLY DISCOURAGED**. The wood sections are secured with wood glue AND staples AND glued spiral nails. Dynamo Hockey tables are sturdy and solid with good reason. **Take our word for it, but PLEASE DON'T TRY IT:** the table was designed to be dropped from shoulder height without falling apart. Again, please don't go do this on a dare or to prove a point; and be advised that dropping the table from shoulder height is not covered under Warranty, no how, no way, not in anyone's wildest dreams.

If you absolutely insist on taking it apart or have no other choice (such as the rec room was built around the table and now you have to get it out—yes, it's happened), to have any hopes of putting it back together you will need a pry bar, rubber mallet, large hammer, grinder, and all new wooden cleats. Having some Bondo handy to fill in the plywood that comes apart will help also. It's a full day's work if done correctly. We have no official directions or guide for doing this so you are pretty much on your own. Take good notes and don't lose any parts.

## **NOW LET'S TALK ABOUT LIGHT BULBS:**

**WHAT KIND OF LIGHT BULBS GO IN THE ARENA OVERHEAD?** A 24 watt “2G11” Base Compact Fluorescent, available at many Home Improvement and Lighting suppliers.

**WHAT KIND OF LIGHT BULBS GO IN THE EMERGENCY BEACONS USED ON THE LATER ARENA OVERHEADS?** Use a 25 watt, 120v T-8 “25T8C” Clear Tube Bulb. We do not stock this bulb but many specialty lighting suppliers do.

**WHAT KIND OF LIGHT BULBS GO IN THE BLUE STREAK/PRO STYLE OVERHEAD?** Use 15 watt “T-8” 18-inch Fluorescent bulbs, also available at many hardware stores and specialty lighting suppliers

**SERIOUSLY? – THE 8-FOOT TABLE OVERHEADS JUST USE THE EXACT SAME 48” FLUORESCENT BULBS LIKE IN MY KITCHEN AND GARAGE?** Like MY kitchen and garage, maybe yours too, but yes, nothing exotic or unusual about them. They even use the same sort of Ballast, too.

**WHY DON'T YOU SELL THEM?:** Experience has shown half the bulbs we tried to ship arrived broken. A trip to the local hardware, discount or even grocery store will have them in your hands quicker, cheaper, and intact.

**WHERE CAN I FIND BLACKLIGHT BULBS FOR MY HOT FLASH OR FIRE STORM OVERHEAD?** This is just a standard 48” Fluorescent lamp in a Blacklight. Many hardware stores, and even some discount stores, and even a certain Mart whose name starts with a “W” all carry these lamps. While any “UV” or “Ultraviolet” lamp ought to bring out the glow, we’ve found the purple-coated bulbs do so a lot better.

**CAN I GET PARTS FOR THE HELICOPTER-STYLE LIGHT ON MY ARENA AIR HOCKEY?** Shortly after introduction we switched to an “Emergency” style beacon light on the Arena Overhead and it’s been over 10 years since we stocked the Helicopter light. If you need to replace the light or lamps in the light, run a search on the "American DJ H-450L" Helicopter Light and you should be able to find something comparable. Approximate retail price of that entire unit—when it was available-- was close to \$100. We did not stock repair parts for the light, and heard faint laughter in the background when we asked for repair parts or a schematic.

**I REPLACED A GOAL END ON MY TABLE AND SCORES NO LONGER REGISTER ON THAT SIDE. WHAT HAPPENED?** The Optical Scoring sensor needs a black background to “see” the puck pass by. Order [Part # 850400470—the self-adhesive Scoring Opto-Shield](#).

**HOW CAN I CHANGE MY OLD TABLE TO THE “CHEAT PROOF” MAGNETIC COIN SWITCH?** [Part # 030400500, the Coin Switch Modification kit](#) will include the magnets and all the necessary hardware.

**SOME DISHONEST PLAYERS AT ONE OF MY LOCATIONS DISCOVERED HOW TO CHEAT THE “CHEAT PROOF” COIN SWITCH. WHAT CAN I DO TO STOP THEM?**

[Valley-Dynamo Tech Support](#) will be able to help with the specifics. Posting too much here might “give folks ideas.”

**MY QUICK-ENTRY GOAL ENDS HAVE A BOLT IN EACH LOWER CORNER, BUT THE REPLACEMENTS HAVE A SINGLE BOLT IN THE MIDDLE, WILL THEY WORK?**

Definitely, you will simply need to install a [threaded insert](#) in the middle of the existing puck drop (or table sidewall) so the single bolt has a solid attachment point.

**CAN I CHANGE MY QUICK-ENTRY GOAL ENDS TO THE HINGED STYLE THAT USES LOCKS?** This is a very labor-intensive and difficult operation, and if done incorrectly can result in serious (possibly irreparable) damage to your table. We do not recommend this.

**[NOT SURE WHAT GOAL ENDS YOU HAVE OR NEED? CLICK HERE FOR MORE INFORMATION](#)**

**HOW DO I GET THE [CORNER PROTECTORS \(part # 860400030\)](#) TO FIT ON MY OLDER DYNAMO TABLE?** The corner covers introduced on the Dynamo Arena® were expanded to the entire Dynamo table line until we switched to [rounded top rails](#). Old-style corner covers (part # 860400010) were discontinued more than 10 years ago.

**I HAVE A TORNADO AIR HOCKEY TABLE, CAN I STILL GET PARTS?** Before Valley and Dynamo merged, a Tornado-branded Air Hockey was sold. No consideration was given to having compatible parts because these companies were competitors. Once Valley and Dynamo merged in the late 1990s, the line was discontinued. A Dynamo Blower Motor will *probably* work in a Tornado Air Hockey table and will *probably* need a little customization to fit and work. Because the Tornado and Dynamo tables were developed independently, no other parts are available.