

HOW TO MAKE THE OFFICIAL ELECTRIC PLAYING RULES OF



FOOTBALL PASSER AND KICKERS (PAKs)



Creation, directions and illustrations by
Korin “Kit” Kinchen, Creator

Coaches,

If I asked of you to play by The Official Electric Playing Rules Of (TOEPRO) Football at the advanced level, I have to give you the tools to do it.

I created this book to give any electric football coach, hobbyist or league that wishes to play electric football with scaled passing, punting, kicking and gameplay just like the “professional football” an opportunity to so. The book will provide for you detailed instructions and illustrations on how to modify your Triple Threat Quarterback (TTQB) to punt, pass and kick with scaled distances of football. Using products sold by Tudor Games and a few items found a hobby shop you can play the way we played as a kid.

The game of electric football is meant to be played to scale. The size of the field should not prevent you from doing the three things you as a coach have direct control over during the down. Passing, punting and kicking are those things.

The TTQB can be made so reliable that you will paint it like all other members of your team because, in TOEPRO-Football, it is. The ball **MUST** fly, just like in all other forms of American football. The TOEPRO-PAKs will help in that cause.

I want you to play with the same things a coach brings to a game, the players and footballs. Avoiding anything that would distract from the skillset that was good play calling, execution, and some luck.

Read and follow the directions carefully to create the unique passing, punting and kicking experience that I did as a kid.

Korin “Kit” Kinchen
Coach, TOEPRO-Football
Professional Football on an Electric Field



The punt, pass, and kick attributes are vital to the game of electric football. All other methods subdue the reality that a punter, passer and kicker are not as accurate as your placement of a ball marker for a punt, pass or kick. By removing that element from the gameplay, you are removing one of the factors that makes the game great.

That is playing under pressure.

The weight of the ball, the trajectory at launch, the air conditioning in the room, notwithstanding the defensive coverages, the rush, the last seconds of the clock, and the need for a completion, a coffin punt or a late field goal all adds to this pressure. The TTQB breaking should not add to it.

We tweak bases by the thousands but how do we tweak a TTQB to be a punter, passer and kicker to perform with a certain level of confidence? The only act we as coaches are directly involved in.

Yes, as a kid we broke the TTQB and we needed another one. Yes, our kicking leg got weak and needed another one. Placing the ball on the foot for a punt, HUH!!!

We played the game as close to professional football as we could so these items needed to have certainty. We felt if your defender's base had to be upright on the field to make a tackle and can't jump to block a punt, pass and, kick, then why is it your base can be tilted to punt, pass and, kick?

Ergo, "NO TILT" was born.

A gameplay which required all players bases to be flat on the field to be in action.

We found the use of a rubber band, a thin strip of plastic and some super glue could resolve these problems and now I want to pass this very inexpensive idea on to you.

The modifications were crude and the rubber band created a pulling motion, making the arm or leg dependable. This created long lasting players. The base provided a stable foundation to perform the punt, pass and kick. Outperforming their original predecessors and when painted, really gave the punter, passer, and kicker a new found meaning to "being on the team".

Six things, one ultimate player

There are six things I believe will make the TTQB an ultimate electric football player without major changes to the overall dimensions. They are:

1. Hinge the back foot.
2. Get the back throwing hand to the apex of the throwing motion.
3. Create a method for the device to hold the ball.
4. Align the ball with the foot for kicking.
5. Create a method punting without changing the overall design of the foot.
6. Create a method for adjusting the tension.

This is my crude version of such a device and all without any metal. If the instructions are followed, I believe it will create the fun you long for while giving advanced coaches an opportunity to fine tuning the player. I give it to you all for the love of the Electric Football.

Korin Kinchen

How to make TOEPRO-Passer and Kickers

Tudor Games items needed:

- Triple Threat Quarterback, 4 White TTQB Unpainted
 - Xuron Micro-Shear Flush Cutter
 - Xuron Duck Bill Long Flat Nose Smooth Face Plier
 - Xuron Tweezer Nose Smooth Face Plier
 - Pro Line Double Clip FAST Rookie Straight Front Bases - 12 Pack (Need four)
- (KEEP PLASTIC COVERING)**

Items needed if creating TOEPRO-Passer:

- Lighter

Items found at a hobby or hardware store:

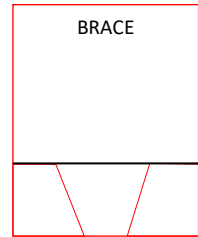
- X-acto knife
- Drill, Dremel or small size
- Drill bit, 3mm or 1/16th inch
- Vice pin with 1mm bit
- File, metal, half-round, with handle, 12 inch
- File, metal, half-round, with handle, 6 inch
- Scissors
- 4 alligator clips, 1 inch
- Super glue
- Paper, sticky back, letter size
- Plastic sheet, letter size .5mm thick
- Marker, black, fine tip
- PowerCord 1mm
- Tweezers



How to prepare the TOEPRO-Passer

Create a leg brace:

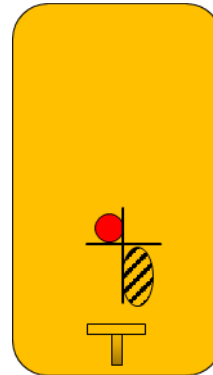
- Cut a piece of thin plastic sheet (Use Template at end of book).
- Fold as designed.



Prepare platform:

- Remove tee and tab.
- File all residue of tee, tab and bottom of platform.
- Remove carefully TTQB from base of platform with flush cutters retaining foot.
- Drill a 3mm hole from topside of platform 1mm forward and .5mm inside location right foot cutout. (Use Template at end of book)

This will create a hole just forward and left of the removed foot of the TTQB.



Prepare TTQB:

- File square bottom of foot.
- File square half inch up back of leg from foot with half-round file until you created an notch 1mm in depth.
- Check with a small square or general observation against a flat edge. (Ensure Square)
- Warm lightly the rear elbow with a lighter (waving it briskly).
- Remove and softly bend upper throwing arm at elbow forward until back of hand is vertical. (Be patient and rewarm if required.)
- Drill a 1mm hole through the TTQB's leg just below kicking leg hole.



Prepare kicking leg:

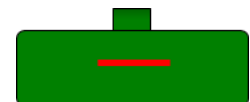
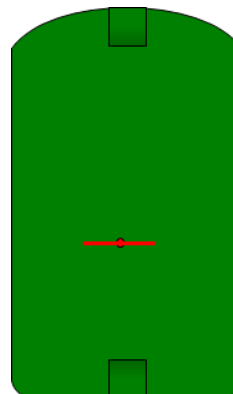
- Cut tab off leg.

Prepare PowerCord:

- Cut PowerCord 3 inches at an angle.

Prepare base:

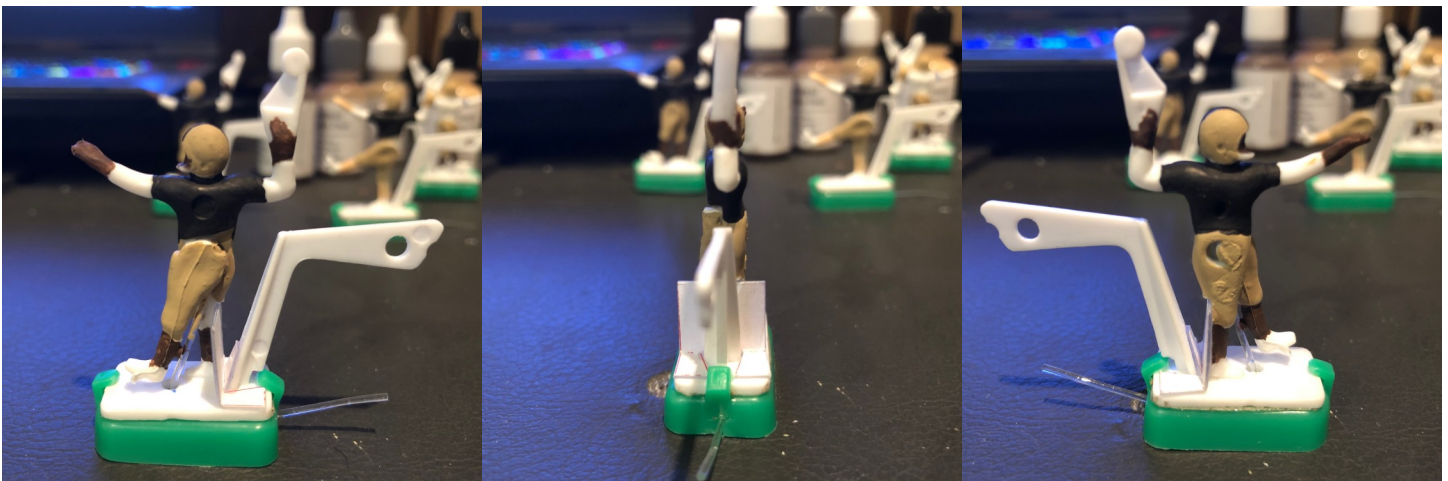
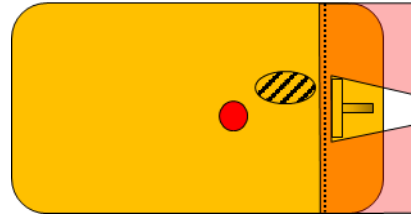
- Place platform, center and align platform on double clip rookie base and mark hole on top of base with a fine marker. Remove platform.
- Create a hole in base with a small nail or pin or cut a 1cm slit with the a X-acto knife.
- Cut a horizontal slit in rear/center of the base.



How to assemble the TOEPRO-Passer

With components completed as required:

- Fold center tab of brace and place on platform. (Ensure square across front)
- Glue brace onto front of handle flush only at base of platform. (Use clips to test. Trim away excess around platform.)
- Align TTQB on brace at foot ensuring alignment of TTQB is vertical; in line with top of handle. (Use small clips to hold; if brace is too high, cut with scissors)
- Pull passing hand rearward to ensure it's stopped by and is in line with handle.
- Glue TTQB leg to brace.
- Insert PowerCord through hole in leg of TTQB leaving 1/2 inch on outside edge.
- Glue PowerCord to leg through hole in leg of TTQB; when dried, cut away excess cord on outside edge.
- Insert PowerCord through platform and topside and rear of base until little to no slack.
- Place and align TTQB on base with PowerCord and hole.
- Install kicking leg onto TTQB; glue at rear and front.



How to tweak the TOEPRO-Passer

With components assembled as required:

Create an easy-release football:

- Cut thin slit into the ball 1mm parallel to the other slit so that it matches the slot on the passing hand. (1.3mm, I checked). When placed on the hand, the ball should rest on, not grab, bottom of passing hand. It should be parallel to the ground as there is no longer a twisting of the ball. When tilted it should remain on the hand but easily come off.
- Remove any outside strands on football (if felt made). Place ball on passing hand.

Create max distance passes:

- Pull PowerCord or rubber band under base until there little slack above the platform.
- Place football on the passing hand.
- Pull passing hand rearward until TTQB touches handle and release. (Ball should not travel far.)
- Pull PowerCord under base until there no slack above the platform. Throw ball. It will travel farther. (If you wish you can glue PowerCord on under side forward of base and use shims to provide tension.) or
- Pull PowerCord under base incrementally the platform and throw ball until ball travels the desired distance.

For accurate passes:

- The passing hand should be square to back and in line with the handle. Passes should travel within width of base to max distance. Slight adjustment to the passing hand, with short consistent pulls should produce the desired results.

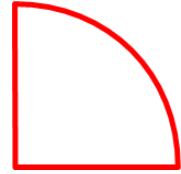
I set mine to throw about 19 inches (50 yards on a 2x4 field) when tilted approximately 45 degrees.



How to prepare the TOEPRO-Punter

Create a foot tab:

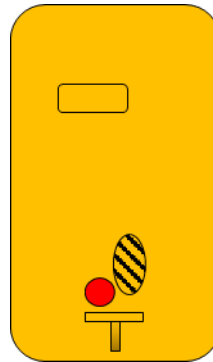
- Cut a piece of thin plastic sheet in a quarter circle 7mm x 7mm. (Use Template at end of book)



Prepare platform:

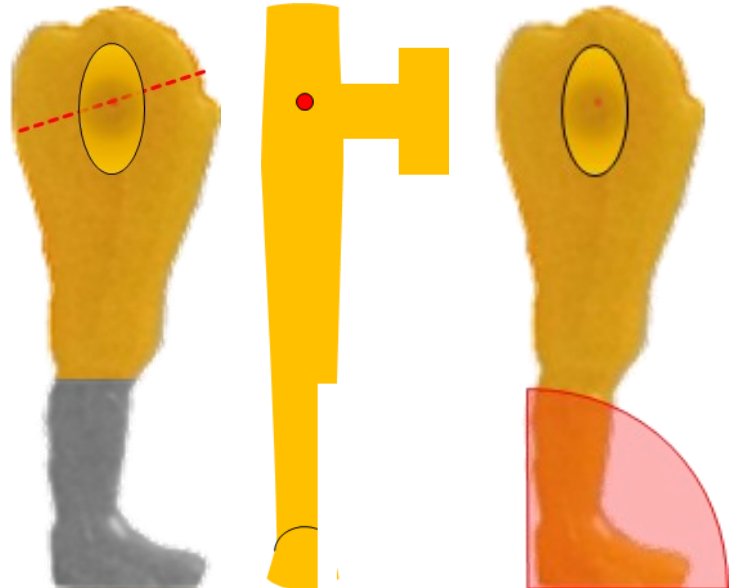
DO NOT REMOVE THE TTQB FROM THE PLATFORM

- Remove tee ONLY.
- Clear away all residue from tab with knife.
- Drill a 3mm hole just left of TTQB's foot slightly in front of handle when turn right-side up.



Prepare kicking leg:

- Clear away residue from shaft of kicking leg with flat nose plier.
- Trim off residue around kicking foot.
- Cut off tab on back of leg
- Trim of excess in front of foot and above calf.
- File inside of leg from foot to calf with a half-round file until you created a flat inline forward surface.
- Drill a 1cm hole completely through kicking leg.
- Glue tab onto kicking leg foot.



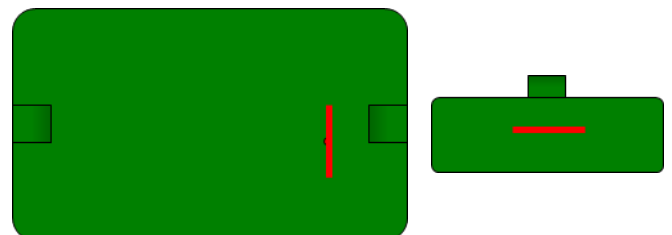
Prepare PowerCord:

- Cut PowerCord 3 inches at an angle.



Prepare base:

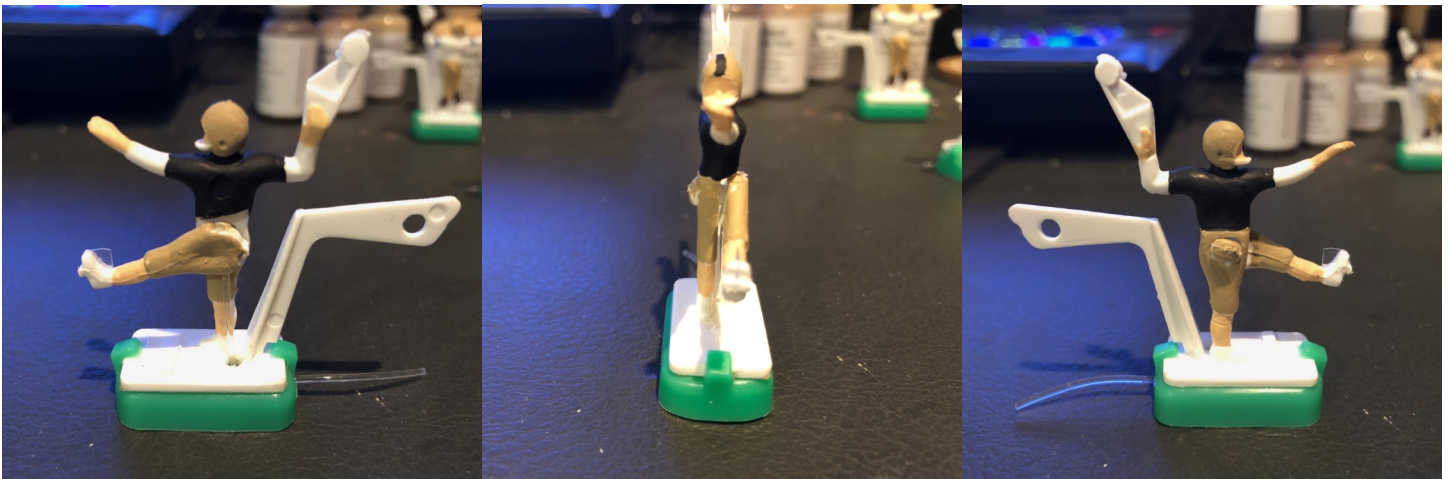
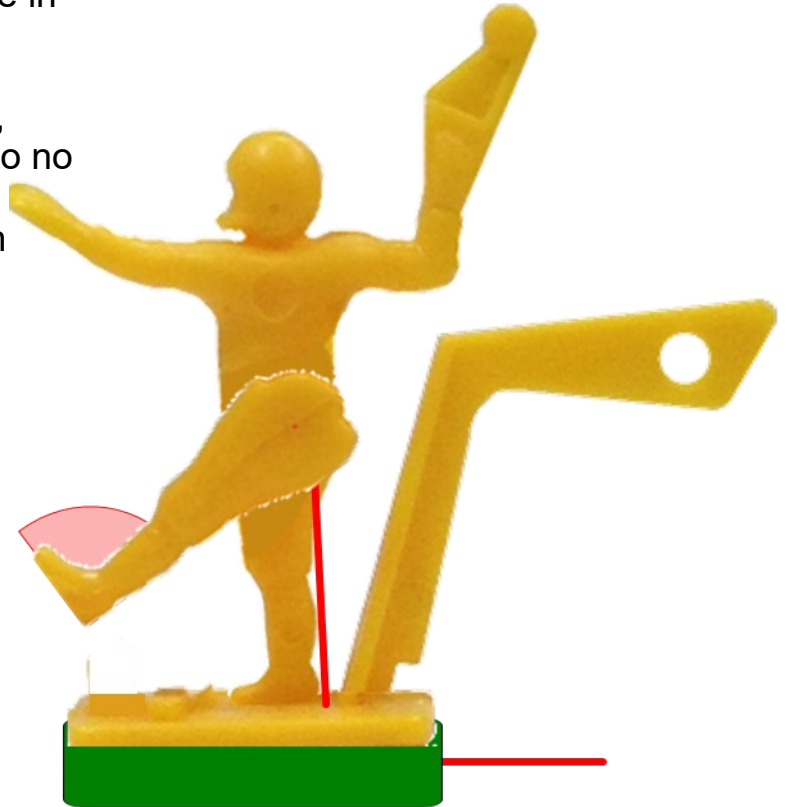
- Place platform, center and align platform on double clip rookie base and mark hole on top of base with a fine marker. Remove platform.
- Create a hole in base with a small nail or pin or cut a 1cm slit with the a X-acto knife.
- Cut a horizontal slit in rear/center of the base.



How to assemble the TOEPRO-Punter

With components completed as required:

- Insert PowerCord through kicking leg until 1/2 inch remains through forward edge.
- Glue PowerCord to leg through hole in kicking leg; when dried, cut away excess cord on forward edge.
- Insert PowerCord through platform, topside and rear of base until little to no slack between platform and base.
- Place and align TTQB on base with PowerCord and hole.
- Install kicking leg onto TTQB.



How to tweak the TOEPRO-Punter

With components assembled as required:

First, get kicking leg to activate easily:

- Pull PowerCord with pliers from bottom of base until heel of foot is just past tee.
- Place kicking leg in lock position.
- Pull slightly rearward on throwing arm. (Leg should activate)
- If it fails, file down in a rearward direction locking tab of kicking foot and retry until desired amount of rearward pull on the TTQB activates leg.

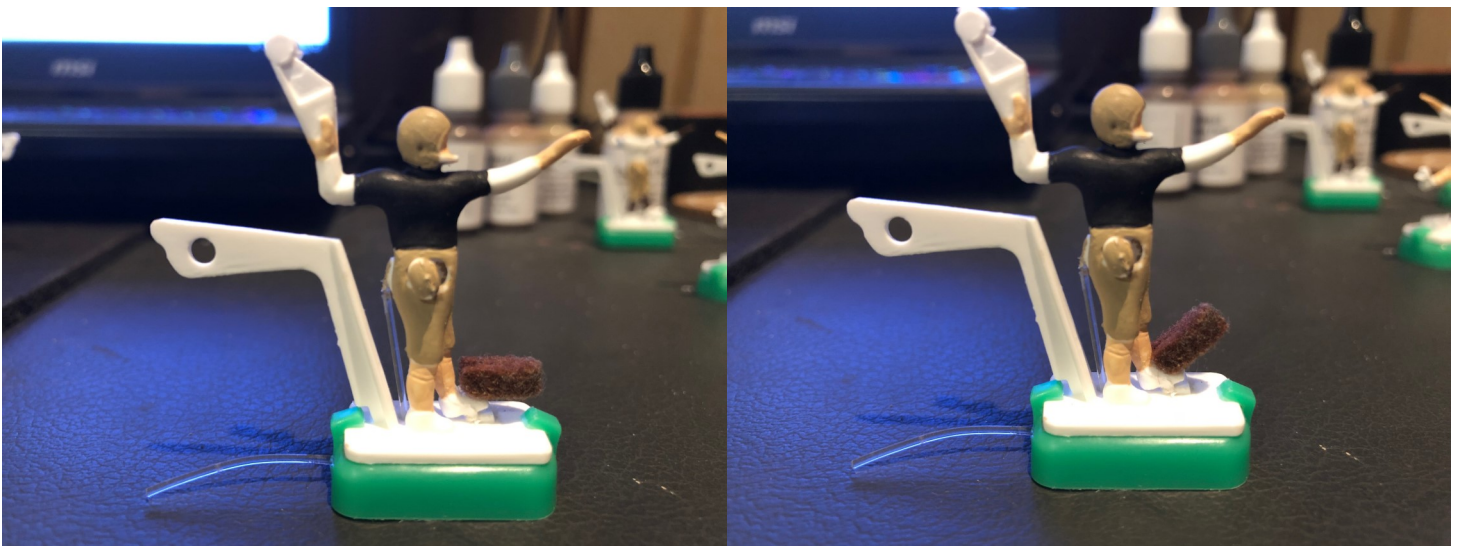
Second, align foot:

- While facing punter, activate punter watching foot pass generally centered on platform.
- If it fails, pivot TTQB slightly until approximate amount of accuracy is achieved.

Third, adjust amount of distance:

- Pull PowerCord from bottom of base until right amount of tension is on leg to punt your preferred ball from foot at a horizontal angle a certain number of yards. For us it was 75 yards on field. (Free kick line to landing in end zone) Mine was 65 to be safe.

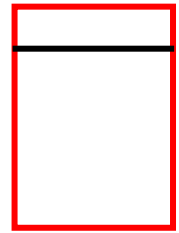
If it is where you will play permanently, glue the PowerCord to the underside of the base near the hole. If you desire to have your player move, leave the prongs in.



How to prepare the TOEPRO-Kicker

Create a helper tee:

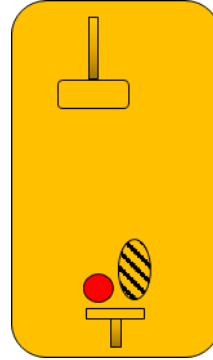
- Cut a piece of thin plastic sheet 9mm x 9mm. (Use Template at end of book)
- Fold it horizontally 3mm from top.



Prepare platform:

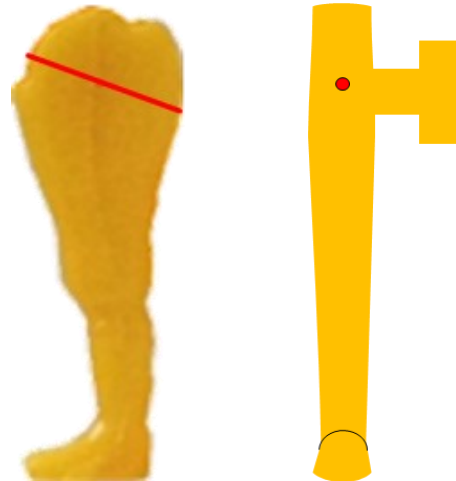
DO NOT REMOVE THE TTQB FROM THE PLATFORM

- Drill a 3mm hole just left of TTQB's foot slightly in front of handle when turn right-side up.



Prepare kicking leg:

- Clear away residue from shaft of kicking leg with flat nose plier.
- Trim off residue around kicking foot.
- Cut off tab on top of leg
- Drill a 1cm hole completely through kicking leg.

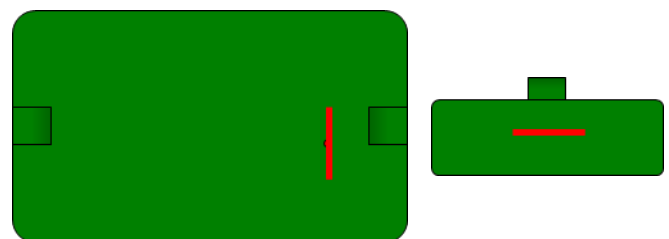


Prepare PowerCord:

- Cut PowerCord 3 inches at an angle.

Prepare base:

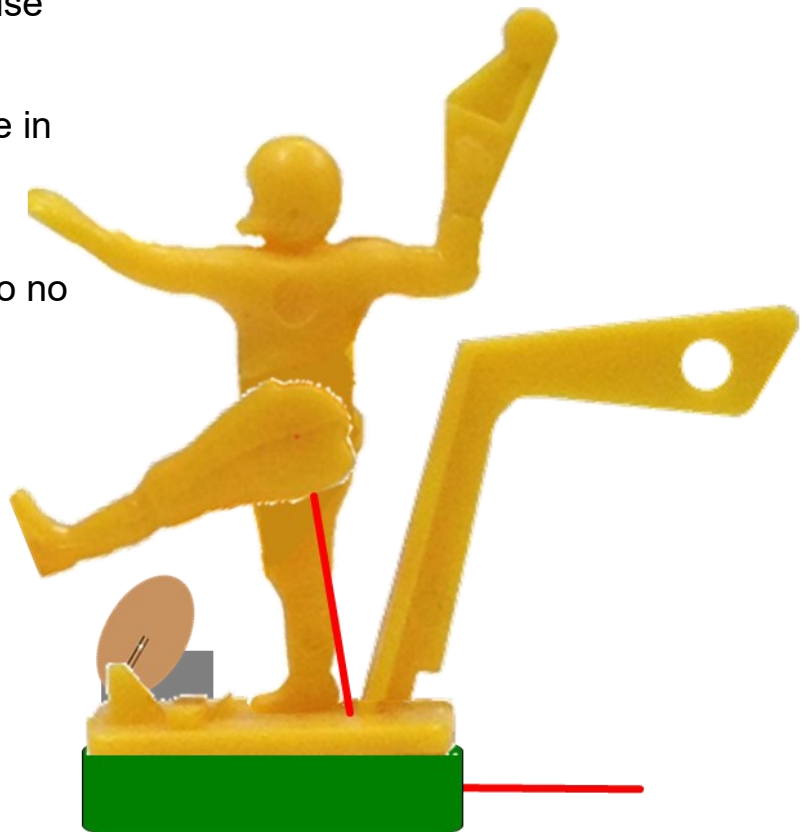
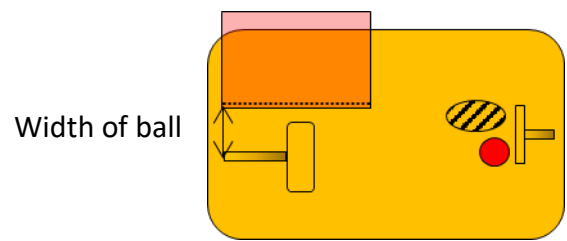
- Place platform, center and align platform on double clip rookie base and mark hole on top of base with a fine marker. Remove platform.
- Create a hole in base with a small nail or pin or cut a 1cm slit with the a X-acto knife.
- Cut a horizontal slit in rear/center of the base.



How to assemble the TOEPRO-Kickers

With components completed as required:

- Glue helper tee on top of platform with enough space between tee to hold the desired electric football along its perimeter snugly centered on the platform (2.75mm-Saturn football; use clips to test.)
- Trim away excess around platform.
- Glue PowerCord to leg through hole in kicking leg; when dried, cut away excess cord on forward edge.
- Insert PowerCord through platform, topside and rear of base until little to no slack between platform and base.
- Place and align TTQB on base with PowerCord and hole.
- Install kicking leg onto TTQB.



How to tweak the TOEPRO-Kickers

With components competed as required:

First, get kicking leg to activate easily:

- Pull the PowerCord with the pliers from the bottom of the base until the heel of the foot is just past the tee.
- Place the kicking leg in the lock position.
- Pull slightly rearward on the throwing arm. (The leg should activate)
- If it fails, file down in a rearward direction locking tab of kicking foot and retry until desired amount of rearward pull on the TTQB activates leg.

Second, align the foot:

- While facing the kicker, activate the kicker watching the foot pass between the tee. (The foot should pass through the tee)
- If it fails, pivot the TTQB slightly until the approximate amount of accuracy is achieved. (Where it starts is more important than where it finishes)

Third, adjust the amount of distance:

- Pull the PowerCord from the bottom of the base until the right amount of tension is on the leg to kick your preferred ball from a tee at a 45 degree angle a certain number of yards. For us it was 75 yards on the field. (Free kick line to landing in the end zone) Mine was 60 to be safe.

If it is where you will play permanently, glue the PowerCord to the underside of the base near the hole. If you desire to have your player move, leave the prongs in.

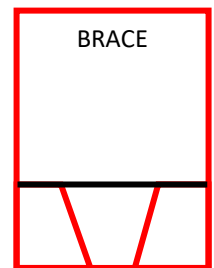
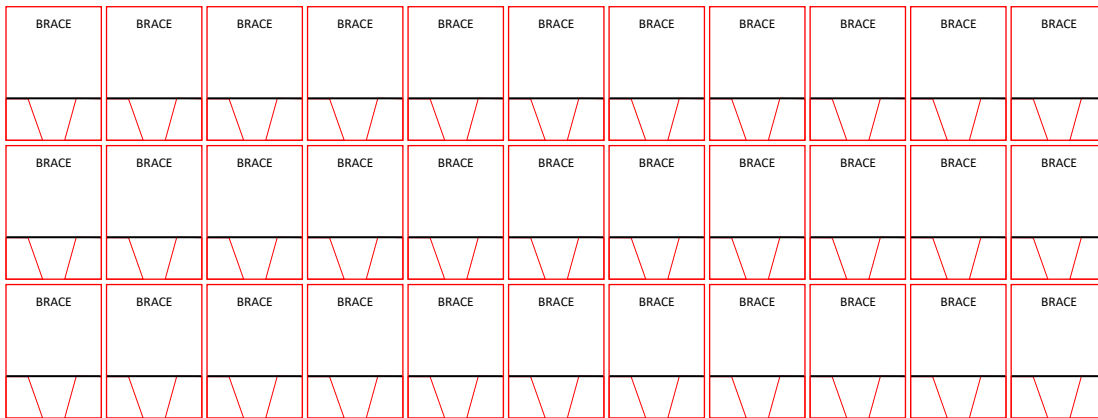


How to mass produce TOEPRO-PAKs

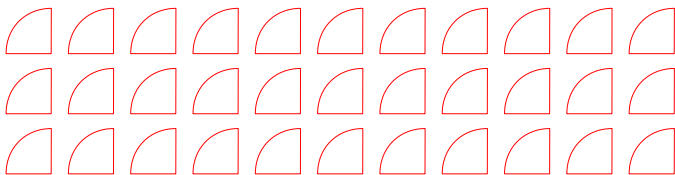
Making TOEPRO-PAKs for your league can be fun to ensure no one is left out. Pre-cutting and drilling can make creating them go quickly. Each one is tweaked to a coaches specifications by the coach themselves so you don't have to be as precise.

If you wish to make it for profit just remember, once you have the tools, the profit margin should be enough to cover your time making and mailing them. I have shared what I know with you for FREE something that if your fellow Coach could do themselves, they would. Enjoy making and play with TOEPRO-Passers And KickerS

Leg Brace Cutouts with thicker plastic (cut on red, fold on black).



Foot Tab Cutouts with thin plastic sheet.



Kicking Tee Cutouts with thin plastic sheet (cut on red, fold on black).

