

Official Rules



Tru·action®
COLLEGE

Electric Football®

INTRODUCTION

The basic feature of Tudor Electric Football Games is that each player has at its command a team of twelve moving men. Each player, as Coach of his team, calls the plays and sets up the offensive and defensive formations. The skill and strategy used in directing the teams will help determine the winner.

The rules for playing this game are almost identical to the official rules of football. Variations are possible so that players can change or add to the rules as they desire to create increased interest. Arguments over controversial points not covered by the rules can be settled by mutual agreement.

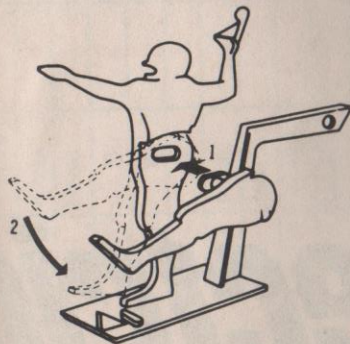
Due to the fact that the initial line charge is almost identical to that of a real game, it is possible, by setting the figures at different blocking angles, to get a typical result. The coach or student of football can use this game to set up various formations and study their effectiveness.

In order to avoid unnecessary arguments, it is advisable to have a third person, in addition to the players, to act as a referee, although this is not necessary.

CAUTION—THIS IS AN ELECTRIC TOY. AS WITH ALL ELECTRIC PRODUCTS, PRECAUTIONS SHOULD BE OBSERVED DURING HANDLING AND USE TO PREVENT ELECTRIC SHOCK. SMALL PARTS, KEEP AWAY FROM INFANTS AND SMALL CHILDREN.



PLEASE NOTE: Standard Equipment on models 635-640-650. If your game does not contain TTC you may convert your game to Total Team Control by ordering TTC base sets.



1 QUARTERBACK

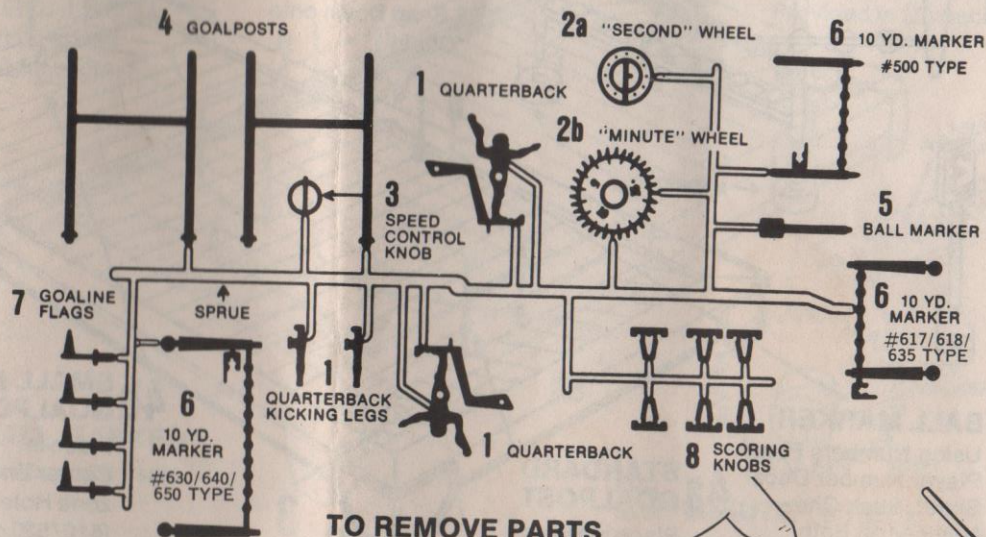
- A. Hold leg at right angle to body
(1) Insert peg into hole in kicker body. While pressing leg firmly to kicker body,
(2) rotate leg downward until foot touches base.

EASY ASSEMBLY INSTRUCTIONS

Assemble Each Part by the Numbers—Starting with Number One

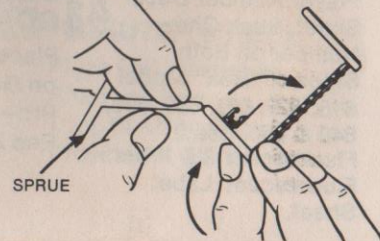


B. Remove Players and Quarterback Running Bases from Their Sprues & Snap Quarterbacks onto Running Bases as Shown Above



TO REMOVE PARTS

From Sprue, Twist Part in Same Direction Several Times While Pulling Away from Sprue—or Cut with Scissors





APPLY SELF STICK NFL
Fluorescent Labels to
10 yard markers—Model
618, 625, 627, 630, 635, 640,
650 only

SLIDE

MAGNET

3

5 BALL MARKER

Using Numbers From
Player Number Decal
Sheet, Stick One
Number on Both
Sides of "Box" Model
618, 625, 627, 630, 635,
640 & 650. Use 2
Fluorescent 3's From
Fluorescent Label
Sheet.

4

4a STANDARD GOALPOST

Place in Holes
on Goal Line for
Pro—or at End of
End Zone for College

6 10 YARD MARKER

Cut Marker Slide
From 10 Yd. Marker
& Snap Down onto
"Chain"

7 GOAL LINE FLAG

Place in Holes
Provided

2a "SECOND" WHEEL

Drop Shaft into Hole
Provided in Gameboard

FELT FOOTBALLS

4b SMALL NFL GOALPOST

Place in
Center End-
zone Hole
(510/520 only)

3
SPEED CONTROL
KNOB—Push Down
onto Bolt

2b "MINUTE" WHEEL

Place Felt Washer on
Shaft as Shown—
Drop Shaft into Hole
Provided in Gameboard

FELT WASHER

SHAFT

GOALPOST

GAMEBOARD
SLOT

ROTATE
¼ TURN

RETAINING
COLLAR

Insert Goalpost thru
Slot in Gameboard—
Beneath Gameboard
Secure Goalpost by
Slipping Retaining
Collar on and Rotating
¼ Turn.

**4 LARGE NFL
GOALPOST**
(600 Series
Games only)

6 10 YARD MARKER
(See Opposite Page)

5 BALL MARKER
(See Opposite Page)

**3 SPEED CONTROL
KNOB**—Push Down
onto Bolt

7 GOAL LINE FLAG Place in Holes Provided
Apply Fluorescent Labels on
Models No. 618, 625, 627, 630, 635, 640, 650 only

2a "SECOND" WHEEL
Drop Shaft into Hole
Provided in Gameboard

FELT
FOOTBALLS

FELT
WASHER

SHAFT

2b "MINUTE" WHEEL

Place Felt Washer on
Shaft as Shown—
Drop Shaft into Hole
Provided in Gameboard

Player Bases

On the underside of each player base you will notice backward slanted "legs" which impart forward motion to the player. Your player's speed may be decreased or increased by brushing the legs forward or to the rear.

If you want a player to turn in an arc, brush the "legs" back on the side opposite the turn and brush the other legs forward. To straighten out a player running in a circle, brush the legs back on the side to which he is turning and brush the legs forward on the side opposite.

10-Yard Marker

Stick the magnetic 10-yard marker to either of the side lines. Before each series of downs the 10-yard marker post closest to the offense's goal line is placed at the point at which the first down begins. Except for measurements out on the field, it is moved only when a first down is made or when the teams exchange possession of the ball.

The 10-yard marker slide represents the linesman's handkerchief and is to be used in making measurements out on the field. When it is close to a first down, one of the players may call for the chain. To make a measurement on the field, position the slide over a yard line without moving the 10-yard marker. Then move the 10-yard marker out onto the field, placing it so that the slide is over the same yard line. If any portion of the ball carriers

base falls ahead of the forward post, the first down has been made.

Ball Marker

The magnetic ball marker is used to mark the line of scrimmage and should be stuck on the sidelines as shown in the assembly instructions.

Speed Control

The playing field vibration may be regulated for fast or slow action by slowly turning the speed control knob at the left end of the gameboard.

Note the position of the control knob pointer for future games.

THE PLAYERS

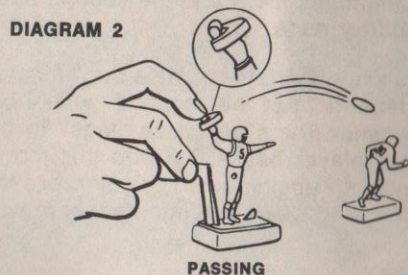
Quarterback

Your quarterback may kick, pass or run depending on the strategy of the play.

To Kick: — (See diagram 1) Pull the kicking leg back until it snaps behind the "tee". Slide the split felt ball on the tee (high for a short high kick, and low for a long low kick). Then, holding the handle between the thumb and middle finger, pull the hand back with the forefinger until the kicking leg releases.

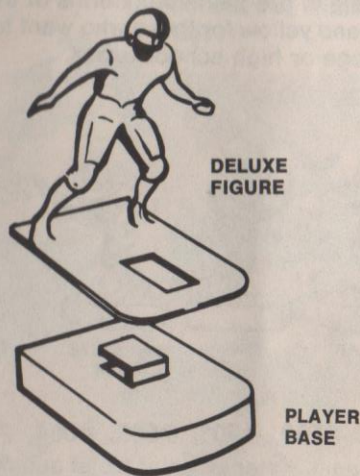


To Pass: — Slide the split ball on the passing hand with the split toward the rear. (See diagram 2). Then, holding the handle between the thumb and middle finger, pull the passing hand back with the forefinger. Let the forefinger slide off quickly to the rear in order to release the ball.



Linemen, Ends and Backs

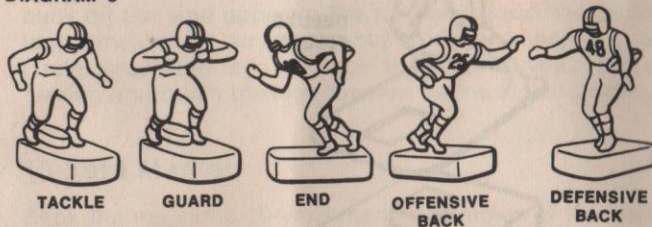
These sculpt-action players are molded in five distinct poses: blocking guards, charging tackles, sprinting ends, stiff-arming offensive backs and defensive backs with arms outstretched.



DELUXE PLAYERS (included in all Tudor Electric Football games) except models #400-505 — Deluxe players consist of a polystyrene deluxe figure and a separate polyethylene deluxe base which has been especially engineered for greater speed and finer directional adjustment. The Deluxe figures can be attached to any given deluxe base which enables participants to give a specific runner the advantage of a base's particular running characteristics.

These figures also stand by themselves and therefore can be used for strategy sessions or shelf displays. The figures are available in pre-painted uniforms of the NFL and in solid white and yellow for those who want to paint their favorite college or high school teams.

DIAGRAM 3



To Paint (Model #500, #501, #502, #504, #600)

With brush, stir drop of water on paint tablet and proceed to paint figure using minimum amount of water.

Identification

You have been provided with self-sticking decals with which to number your players, after painting. To apply follow instructions on decal backing sheet. There are enough numbers (plus extras) to give you a choice in selecting front and back numbers for all figures. Following is the numbering system used by most college and professional teams:

Quarterbacks	10-19
Backs & Flankers	20-29
Fullbacks	30-39
Halfbacks	40-49

Centers	50-59
Guards	60-69
Tackles	70-79
Ends	80-89

Automatic Timer

Turn the "minute" wheel so that the 15 is over the triangular index mark on the gameboard.

Turn the "second" wheel so that the second hand points straight up at zero (0). The timer will run only when the switch is turned on. When the dot on the "minute" wheel moves over the index mark and the second hand is at zero (0) the quarter ends.

The vibration of the gameboard may cause the "minute" wheel to rotate independent of the "second" wheel because of the felt washer fibers acting as "legs" in the same manner as the player bases. To stop this movement turn the felt washer upside down or compress the washer by firmly pressing down the minute wheel with your thumb.

You will notice that your automatic timer has been designed to run faster than a real clock. This is to make up for the time, between plays, when the timer is turned off and the players are setting up their teams. If the players want a longer game they may allow the timer to go around any number of times mutually agreed upon before ending the quarter.

tudor

NFL

NFL teams in official uniforms—
available in both dark and light jerseys!

Use handy order form in back of football rule book to order any or
all 26 NFL teams. Specify team name and dark or light jersey.

You have a choice of deluxe figures
with separate, standard running bases,
or deluxe figures with (separate) new
Total Team Control Bases (which let
you control running direction of each
player).



Now you control every player and every play because each player has his own steering device. You can run a drive play, a defensive blitz, an end sweep—you name it. You get your chance to plan strategy and control all the action for all 22 players.

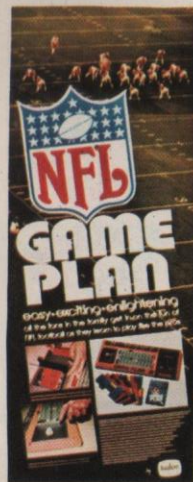
Now you control every player and every play because each player has his own steering device. You can run a drive play, a defensive blitz, an end sweep—you name it. You get your chance to plan strategy and control all the action for all 22 players.

TOTAL TEAM CONTROL



Game Plan

NFL Game Plan is the new pro tactics game for the whole family. When you select one of 16 different offensive plays, your opponent tries to anticipate your move and sets up one of 16 different defensive combinations. If you figure it right, you move the ball downfield. If he sees it coming, you get clobbered. MODEL 200



Tudor's NFL Brain Games

Strategy 100

NFL Strategy is a comfortable way to get your brains beaten out. It gives you an authentic 36-page NFL playbook, and then asks you to select plays, plan out strategies, and plan the leverage of 34 different offensive plays and 12 different defenses. 6,120 probabilities in all. MODEL 100





PLAYERS HOCKEY • ALL-STAR MODEL

This one gives you the fastest board action you ever saw. It's for fast eyes and a fast pair of hands. Model 700



TUDOR BOWL

Make strikes, spares, splits. Ball returns automatically so you can roll the next frame. Model 460



NHLPA PLAYERS HOCKEY • OFFICIAL MODEL

The most advanced hockey game ever made. A game for experts. Model 750



MAJOR LEAGUE ELECTRIC BASEBALL

Realistic action with remote control pitching and batting, and runners that actually run the bases. Model 560

Other Tudor Pro - Action Sports Games



NBA PLAYERS ALL-STAR BASKETBALL

The official game of the NBA Players Association. Players pass and shoot foul shots, center jumps, even lay-up shots. Model 480

Referee

If there is a referee, he should handle the 10-yard and ball markers, operate the starting switch, automatic timer, and handle any of the regular duties assigned to a referee in a real football game. If there is no referee, the man on the defense should handle the starting switch and timer.

DEFINITIONS

Tackle

The ball carrier is considered tackled only when an opposing player touches his base. The ball is downed at the point on the field directly under the forward point of the ball carrier's base. If the ball carrier turns and moves towards his own goal line, play stops and the ball is downed at the point at which he turned.

Out of Bounds

If any portion of the ball carrier's base touches the side line of the playing field, he is out of bounds and play stops. Play is resumed on the next down at the inbounds mark on the yard line where the ball went out of bounds.

Fumble

If the ball carrier loses the ball for any reason, it shall be considered a fumble. The first player, including

the man who dropped it, to touch the ball after it has touched the playing field, obtains possession of the ball. Play is stopped and the ball is placed at the point at which the ball was recovered.

First Down

The offensive team is allowed four downs in which to gain ten yards.

Touchdown

A touchdown is scored when any part of a ball carrier's base crosses the opponent's goal line, or when a pass is completed or a fumble is recovered by the offense in the opponent's end-zone.

Safety

A safety is called when a ball carrier is tackled behind his own goal line or when a player recovers a fumble behind his own goal line. Two points are given to the opposition and the ball is put into play by the side against whom the safety has been scored by a kick from their own twenty yard line.

Touchback

A touchback occurs when the ball is kicked into the opponent's end-zone or when a pass is intercepted by a defensive player in his own end-zone and he does not

choose to run the ball out. The defense then puts the ball into play at the center of the field on the twenty yard line.

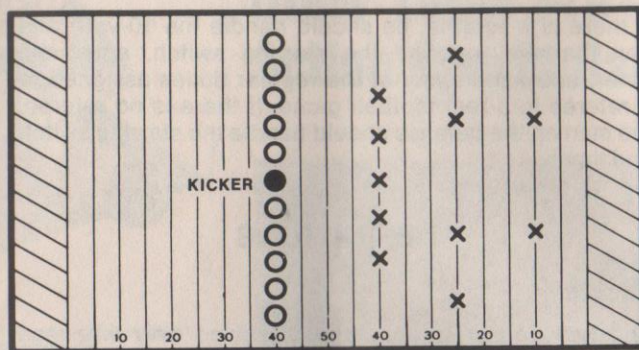
PLAYING ELECTRIC FOOTBALL®

Kick-off

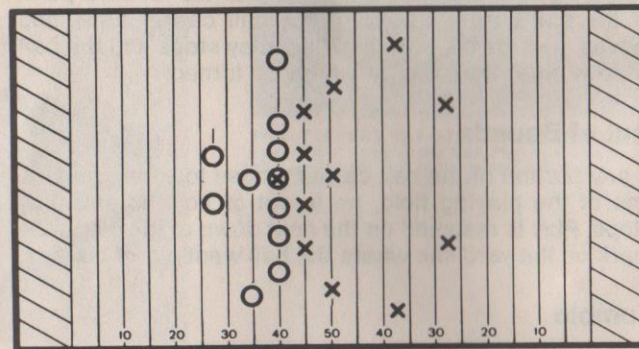
A kick-off is made at the beginning of the game, at the start of the second half, and after the conversion attempt following each touchdown. After the conversion attempt, the scoring team must kick off to the opponent.

To begin the game—the two opponents toss a coin to decide who will kick off and to establish choice of team color and goal. The figures are lined up for play as shown by diagram 4. The kicker is placed on the kick-off mark on the 40-yard line. Depending on the direction of the kicker, the ball may be kicked to any part of the field. The figures nearest the spot where the ball hits on the fly becomes the ball carrier. This figure should be given the ball, placed where the ball hit, and then pointed in any desired direction. The switch is turned on and the ball carrier runs until he is tackled, goes out of bounds, reverses direction, fumbles or scores. If the ball is kicked out of bounds, the receiving player may make his opponent kick off again from 5 yards farther back or he may accept the kick. If he accepts the kick the ball is then put into play, first and ten, at the inbounds marker on the yardline at which the ball went out of bounds.

DIAGRAM 4



SUGGESTED LINE-UP FOR KICK-OFF



TYPICAL FORMATIONS OFFENSE AND DEFENSE

Play From Scrimmage

To determine the scrimmage line, the position of the ball should be considered the forward point of the base of the ball carrier on the previous play. On plays from scrimmage, the offensive and defensive lines must be at least half of a base apart, equal distance from the line of scrimmage. If any player is forward of this point at the time the switch is turned on, the player's team is charged with offsides (see penalties, page 12).

In setting up your teams for a play from scrimmage the following sequence should be used:

1. The offense is set up using a seven man line and any backfield formation, such as "T", single wing, double wing, etc. (See diagram 4).
2. The defensive team is set up in any desired formation.
3. The offensive linemen are given their blocking angles.
4. The defensive team players are turned to the desired direction for "slant-left", "slant-right", etc.
5. The ball is placed under the selected ball carrier's arm, or on the quarterbacks hand or tee. Then, the offensive backs may be pointed in any direction.
6. The switch is turned on and the play develops.

Forward Pass

Once the offensive player touches the quarterback during play he must attempt to pass or kick. The quarterback may be manually faded back or to the side, but may not be moved forward. The passer cannot fade back any further than 30 yards from the line of scrimmage or the ball is downed at that point.

If a defensive man moves "behind" the quarterback while the offense is holding it and before the pass is released, the passer is considered tackled at that point. When the offense finds a receiver he must call "Pass" and the switch should be turned off immediately. At this point the pass must be thrown.

Completion of a Forward Pass

If the ball hits an eligible receiver (on the fly or on the ground) the pass is completed, the switch turned on, and play continues with that man as the ball carrier.

Incomplete Forward Pass

If the ball does not hit an eligible receiver, the pass is incomplete and play is resumed at the line of scrimmage on the next down.

Interception

If the ball hits any defensive player, the pass has been

intercepted, the switch is turned on and play continues with that man as ball carrier.

Pitch-Out

To execute a pitch-out or lateral, the offense must pass the ball to a team mate behind the line of scrimmage and toward his own goal line. If the ball touches any offensive player, (on the fly or on the ground), the pitch-out is caught and the play is continued as in a forward pass. If the ball touches a defensive player first, it is considered a fumbled pitch-out which the defense may pick up and run as in an interception.

Punt

It is usually wise to punt on fourth down unless the offense is within 30 yards of the opponent's goal line. The kick is made with the switch on. After the kick, the defensive man nearest to where the ball hit becomes the ball carrier. The switch is turned off the instant the ball touches the field. The ball is placed under the arm of the receiver who runs from the point at which the ball hit.

In the event the defense does not have a man at least thirty yards behind the line of scrimmage, a run-back of the punt is prohibited. The defense must then put the ball into play (first and ten) at the point at which the kick hit the field.

Conversion

After a touchdown is scored, the scoring team attempts a conversion by putting the ball into play at the two-yard line. The conversion may be attempted by a run from scrimmage, a forward pass, or a placement kick. If the placement kick is tried, the two teams line up as in a play from scrimmage with the quarterback within 20 yards of the line of scrimmage. The ball is placed on the kicking tee, the switch turned on and the kick attempted. The ball must be kicked over the cross-bar of the goal posts and between the uprights.

Field Goal

A field goal may not be attempted behind the offensive 40-yard line. The same procedure is followed as in placement kicks.

PENALTIES

Offsides

The team against which the penalty was made has the option of penalizing the offsides team 5 yards from the line of scrimmage, in which case the down will remain the same, or of taking the play. If they choose to take the play, the ball is put into play at the yardline at which the play stopped and the down advances.

Ineligible Receivers

If a forward pass hits an ineligible receiver (offensive tackle, guard, or center) on the fly, the offensive team

is penalized 15 yards from the line of scrimmage and play is resumed on the next down.

SCORING VALUES

Touchdown	6
Field Goal	3
Safety	2
Conversion by Kick	1
Conversion by Run or Pass	2 College Rules 1 Pro Rules

Periods

A game consists of four periods of 15 "minutes" each. At the beginning of a game the team winning the toss of the coin may elect to defend the desired goal or to choose whether to kick-off or receive.

At the end of the first period the teams swap goals and play continues at the opposite end of the field. The third period (second half) begins with a kick-off in the same manner that the game was begun. The team which lost the toss at the beginning of the game now has the choice of goal or of kicking or receiving.

The last period begins as the second period, with the offense and defense swapping goals.

FINE TUDOR PRODUCTS

1972

#100—NFL Strategy	\$21.95*
#200—NFL Game Plan™	11.45*
#425—Pro Tennis	7.45*
#460—Tudor Bowl	8.95*
#480—NBA Players All Star Basketball	9.45*
#500—Tudor Electric Football®	10.75*
#510—NFL-AFC Electric Football®	12.75*
#520—NFL-NFC Electric Football®	12.75*
#560—Major League Electric Baseball®	11.45*
#600—College Electric Football®	13.95*
#610—NFL-AFC Electric Football®	21.95*
#615—NFL Electric Football®	16.95*
#620—NFL-NFC Electric Football®	21.95*
#635—NFL Electric Football® w/Total Team Control™	17.95*
#640—NFL-AFC Elec. Football® w/Total Team Control™	22.95*
#650—NFL-NFC Elec. Football® w/Total Team Control™	22.95*
#700—Players Hockey™—All Star Model	13.95*
#740—NHLPA Players Hockey™—Official Model	25.45*
#750—NHLPA Players Hockey™— Official Model w/Legs	32.45*
#760—NHLPA Players Hockey™—Elec. Model	31.45*
#770—NHLPA Players Hockey™— Elec. Model w/Legs	38.45*
#810—30" Table Top Pool Table	13.75*
#860—40" Floor Model Pool Table	28.95*
#865—Classic 40" Floor Model Pool Table	31.25*

* \$.50 has been added to the price of all complete items to cover handling and mailing charges.

PARTS

Replacement Cost

Standard Type Figures (Bases Attached)

*	Models #400-505		
	Yellow or white team (11 figures & Bases)		\$2.00
	White quarterbacks with kicking legs	.25 ea.	
	Ball marker	.25	
	10 yd. marker (specify Model No.)	.25	
	Goal Posts (Standard Type)	2 for .25	
	Goal Line flags	4 for .25	
	"Minute" wheel	.25	
	"Second" wheel	.25	
	Speed control knob	.15	
	Scoring knobs	6 for .25	

* Complete sprue of above
accessory pieces 2.00

Specify Model No.

PARTS

Replacement Cost


Bag of 11 NFL uniformed figures (BASES NOT INCLUDED)	\$1.75
Bag of 11 yellow or white deluxe figures (BASES NOT INCLUDED)	1.25
Bag of 22 player bases and 2 quarterback bases	2.00
Single player base or quarterback base —for NFL and deluxe teams	.20 ea.
Complete set of 24 Total Team Control™ player bases	3.00
Please Note: Total Team Control™ player bases are not sold singly	
Sets of colored numbers (2 to 89) (Specify color or team & D or W)	.25
NFL Goal Posts (Specify Model #)	.25
NFL Goal Posts Pads	2 for .25
Grandstand Clips	2 for .25
Marker magnets	2 for .25
4-color paint pallet	.25
Paint brush	.25
NFL Playbook (specify Model #)	.25
Strip of 6 felt footballs and 1 timer washer	.25
NFL Fluorescent Labels	.20
Rule book	.20

Gameboards, Grandstands and Stand-
ings Boards are not sold separately.

On All Orders Less Than \$1.50 Add \$.50 For Postage and Handling.

ORDER YOUR FAVORITE NFL TEAMS PLAYER NUMBERS AND RUNNING BASES WITH THIS HANDY DELUXE PLAYER ORDER FORM

HOW MANY DO YOU WANT?

— IMPORTANT — BASES ARE NOT INCLUDED IN COST OF NFL AND DELUXE TEAMS. ORDER SEPARATELY BELOW. AMERICAN FOOTBALL CONFERENCE	HAND PAINTED DELUXE TEAMS \$1.75 PER TEAM		DELUXE PLAYER NUMBERS \$1.25 PER SET		 TOTAL COST		
	DARK JERSEY TEAM	WHITE JERSEY TEAM	FOR DARK JERSEY	FOR WHITE JERSEY			
COLTS			WHITE	BLUE			
PATRIOTS			WHITE	RED			
BILLS			WHITE	BLUE			
BENGALS			WHITE	BLACK			
BROWNS			WHITE	BROWN			
BRONCOS			WHITE	BLUE			
OILERS			WHITE	BLUE			
CHIEFS			WHITE	RED			
DOLPHINS			WHITE	BLUE			
JETS			WHITE	GREEN			
RAIDERS			WHITE	BLACK			
STEELERS			WHITE	BLACK			
CHARGERS			WHITE	BLUE			
NATIONAL FOOTBALL CONFERENCE							
FALCONS			WHITE	BLACK			
BEARS			WHITE	BLACK			
COWBOYS			WHITE	BLUE			
LIONS			WHITE	BLUE			
PACKERS			WHITE	GREEN			
RAMS			WHITE	BLUE			
VIKINGS			WHITE	PURPLE			
SAINTS			GOLD	GOLD			
GIANTS			WHITE	BLUE			
EAGLES			WHITE	GREEN			
CARDINALS			WHITE	RED			
49ers			WHITE	RED			
REDSKINS			WHITE	BROWN			
How Many?	Solid Color Deluxe Players for Painting Your Own Teams						
	1 yellow team (1.25)		BASES NOT INCLUDED				
	1 white team (1.25)		BASES NOT INCLUDED				
	Bag of 22 player bases and 2 quarterback bases \$2.00 Single player base or quarterback base .20 each FOR NFL AND DELUXE TEAMS						
	Complete set of 24 Total Team Control™ bases \$3.00						
	Please Note: Total Team Control™ player bases are not sold singly						
	NFL AND DELUXE TEAMS AND PARTS TOTAL →						

ENTER ABOVE TOTAL IN SPACE PROVIDED

ON OTHER SIDE OF THIS SHEET.



IMPORTANT: Be sure to list Model Number of game when ordering replacement parts.

USE THIS FORM FOR ORDERING ADDITIONAL PARTS

and mail to:

Tudor Metal Products Corp., 176 Johnson St., Brooklyn, N. Y. 11201

Check Below	WHAT DO YOU WANT? (Please check)	How Many Do You Want?	Each One Will Cost You	Multiply 3rd and 4th Column to Get Total Cost
	White quarterbacks with kicking legs		.25	
	Ball Markers		.25	
	10 yd. Marker (Specify Model #)		.25	
	Goal Posts (Standard Type)		.15/set	
	NFL Goalposts (Specify Model #)		.25	
	NFL Goalpost Pads		.15/set	
	Goal Line Flags—4 per set		.25/set	
	"Minute" Wheels		.25	
	"Second" Wheels		.25	
	Speed Control Knobs		.15	
	Scoring Knobs—6 per set		.25/set	
	Marker Magnets		.25/set	
	Complete Accessory Sprue (Spec. Mdl #)		2.00	
	Grandstand clips		.25/set	
	4 Color paint pallet		.25	
	Paint Brush		.25	
	NFL Playbook (specify mdl #)		.25	
	Strip of 6 felt footballs and 1 timer washer.		.25	
	NFL Fluorescent Labels		.20	
	Rule Book		.20	
	ADD ANY NFL AND DELUXE TEAMS AND PARTS TOTAL			

ADD THESE AMOUNTS TO GET TOTAL

On All Orders Less Than \$1.50 Add \$.50 for Postage Handling.

Make sure you have enclosed check or money order for

GRAND TOTAL

NO C.O.D. ORDERS—NO STAMPS—THANK YOU.

TO FACILITATE DELIVERY

Print Your Name and Address Plainly

NAME FIRST MIDDLE INITIAL LAST
STREET ADDRESS
RURAL ROUTE RURAL BOX NO. P.O. BOX NO.
POST OFFICE (Town) STATE ZIP CODE