

*Eagle Shot*  
**GOLF**™



**Universal Kit**  
**Installation Instructions**



**American Sammy Corporation**

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# 1. DIP SWITCH TABLE and more

## EAGLE SHOT GOLF

DIP SWITCH 1		SWITCH POSITIONS							
FUNCTIONS	SETTING	1	2	3	4	5	6	7	8
<b>COIN CHUTE 1 &amp; 2</b>	<b>1 COIN 1 CREDIT</b>	OFF	OFF	OFF	OFF				
	1 COIN 2 CREDITS	ON	OFF	OFF	OFF				
	1 COIN 3 CREDITS	OFF	ON	OFF	OFF				
	1 COIN 4 CREDITS	ON	ON	OFF	OFF				
	1 COIN 5 CREDITS	OFF	OFF	ON	OFF				
	1 COIN 6 CREDITS	ON	OFF	ON	OFF				
	2 COINS 1 CREDIT	OFF	ON	ON	OFF				
	3 COINS 1 CREDIT	ON	ON	ON	OFF				
	4 COINS 1 CREDIT	OFF	OFF	OFF	ON				
	2 COINS 3 CREDITS	ON	OFF	OFF	ON				
	Setting A; 2 COINS 1 CREDIT 4 COINS 2 CREDITS 5 COINS 3 CREDITS 6 COINS 4 CREDITS	OFF	ON	OFF	ON				
	Setting B; 2 COINS 1 CREDIT 4 COINS 3 CREDITS	ON	ON	OFF	ON				
	Setting C; 1 COIN 1 CREDIT 2 COINS 2 CREDITS 3 COINS 3 CREDITS 4 COINS 4 CREDITS 5 COINS 6 CREDITS	OFF	OFF	ON	ON				
	Setting D; 1 COIN 1 CREDIT 2 COINS 2 CREDITS 3 COINS 3 CREDITS 4 COINS 5 CREDITS	ON	OFF	ON	ON				
	Setting E; 1 COIN 1 CREDIT 2 COINS 3 CREDITS	OFF	ON	ON	ON				
	FREE PLAY	ON	ON	ON	ON				
	<b>DISCOUNT to CONTINUE</b>	<b>NO DISCOUNT</b>							
START 2 COINS / CONTINUE 1 COIN									ON
<b>TYPE of CONTROL</b>	<b>TRACKBALL</b>								OFF
	JOYSTICK								ON
<b>TYPE of TRACKBALL</b>	<b>24 COUNTS (U.S.A.)</b>								OFF
	12 COUNTS (JAPAN)								ON

NOT  
USED

**"FACTORY INSTALLED" SETTING**

# EAGLE SHOT GOLF

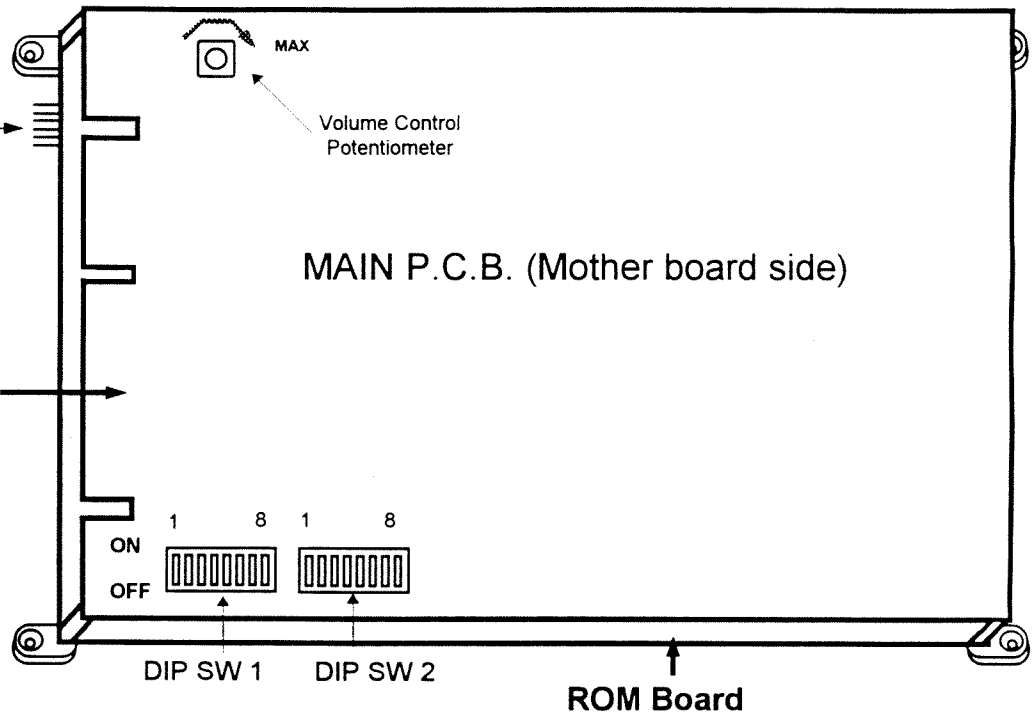
DIP SWITCH 2		SWITCH POSITIONS							
FUNCTIONS	SETTING	1	2	3	4	5	6	7	8
<b>NUMBER OF HOLES</b>	<b>3 HOLES</b>	OFF	OFF						
	4 HOLES	OFF	ON						
	2 HOLES	ON	OFF						
	5 HOLES	ON	ON						
<b>DIFFICULTY LEVEL</b>	<b>NORMAL</b>			OFF	OFF				
	EASY			ON	OFF				
	HARD			OFF	ON				
<b>ATTRACT SOUND</b>	<b>ON</b>					OFF			
	OFF					ON			
<b>CONTINUE</b>	<b>ON</b>						OFF		
	OFF						ON		
<b>MONITOR</b>	<b>NORMAL</b>							OFF	
	REVERSE							ON	
<b>TEST MODE</b>	<b>NORMAL GAME</b>								OFF
	TEST MODE								ON

**"FACTORY INSTALLED" SETTING**

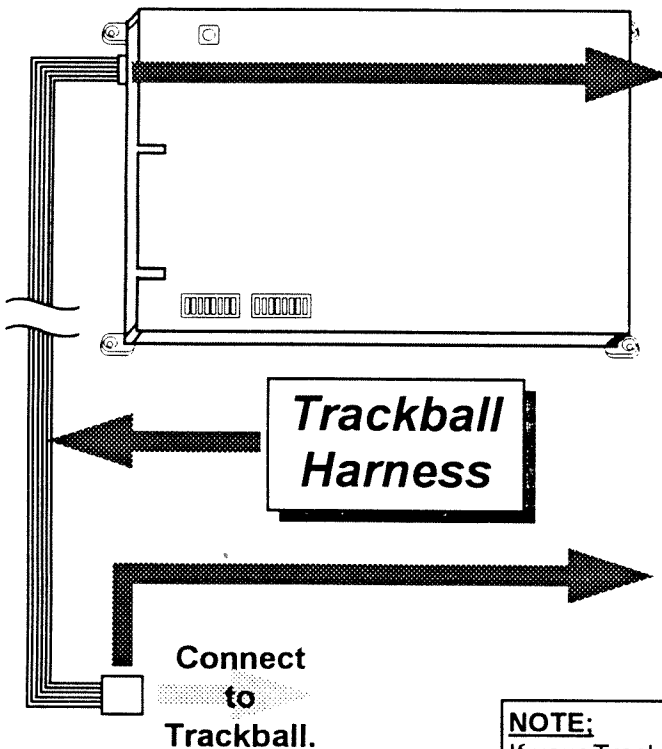
## Mounting the Main P.C.B.

6 pins "Trackball Harness Connector".  
Connect the "Trackball Harness" here.  
See below.

JAMMA CONNECTOR



## Connector Table for "Trackball Harness"



### JST Connector 6 pin (ROM Board Side)

PIN#	WIRE	FUNCTION
1	RED	+ 5 VDC
2	YEL	X-A (Horizontal)
3	GRN	X-B (Horizontal)
4	BLU	Y-A (Vertical)
5	PUR	Y-B (Vertical)
6	BLK	GROUND

### Connector 6 pin (Trackball Side)

PIN#	WIRE	FUNCTION
1	BLK	GROUND
2	RED	+ 5 VDC
3	YEL	X-A (Horizontal)
4	GRN	X-B (Horizontal)
5	BLU	Y-A (Vertical)
6	PUR	Y-B (Vertical)

### NOTE:

If your Trackball makes reverse movement for X and Y, you can exchange the pin position 3 and 4 to reverse, or 4 and 5 to reverse at Trackball Connector side to correct.

## 2. JAMMA CONNECTOR TABLE

### EAGLE SHOT GOLF

SOLDER SIDE				COMPONENT SIDE	
FUNCTION	COLOR	EDGE CONNECTOR	EDGE CONNECTOR	COLOR	FUNCTION
GROUND	BLK	A	1	BLK	GROUND
GROUND	BLK	B	2	BLK	GROUND
(+)5VDC	RED	C	3	RED	(+)5VDC
(+)5VDC	RED	D	4	RED	(+)5VDC
		E	5		
(+)12VDC	BLU	F	6	BLU	(+)12VDC
KEY		H	7		KEY
COIN METER 2	WHT/VIO	J	8	BLU/BRN	COIN METER 1
COIN LOCKOUT 2		K	9		COIN LOCKOUT 1
SPEAKER (-)	BLK	L	10	WHT/BLK	SPEAKER (+)
		M	11		
VIDEO GREEN	GRN	N	12	RED	VIDEO RED
VIDEO SYNC	WHT	P	13	BLU	VIDEO BLUE
SERVICE SW	BRN/WHT	R	14	BLK	VIDEO GROUND
		S	15		TEST SWITCH
COIN CHUTE 2	GRN/YEL	T	16	WHT/YEL	COIN CHUTE 1
* T:Not Used (J:2P START)	RED/BLK	U	17	PNK/BLK	T:START (J:1P START)
* T:Not Used (J:2P UP)	BRN/BLU	V	18	ORN/BLU	T:Cursor Up (J:1P UP)
* T:Not Used (J:2P DOWN)	ORN/WHT	W	19	GRN/ORN	T:Cursor Down (J:1P DOWN)
* T:Not Used (J:2P LEFT)	ORN/GRN	X	20	GRN/BLU	T:Cursor Left (J:1P LEFT)
* T:Not Used (J:2P RIGHT)	WHT/ORN	Y	21	RED/YEL	T:Cursor Right (J:1P RIGHT)
* T: Not Used (J: 2P SHOT )	BRN/BLK	Z	22	RED/WHT	T:Not Used (J:1P Shot)
* T: Not Used (J:2P DECISION)	YEL/WHT	a	23	WHT/RED	T:Not Used (J:1P Decision)
Not Used	BRN/GRN	b	24	YEL/BLK	Not Used
		c	25		
		d	26		
GROUND	BLK	e	27	BLK	GROUND
GROUND	BLK	f	28	BLK	GROUND

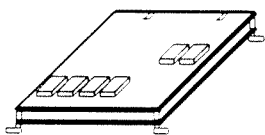
**\* NOTE:**

- T: Trackball Setting.
- J: Joystick Setting.
- 2 player inputs (U,V,W,X,Y,Z,a) are only used when you set the DIP Switch to "Joystick type" (DIP Switch 1, #6 to ON).

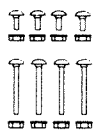
**ATTENTION !!!**

At Trackball setting, 4 button wires go to "UP, DOWN R,L" (18,19,20,21) on JAMMA Connector. Do not wire to 22,23,24,25 on JAMMA Connector.

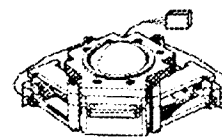
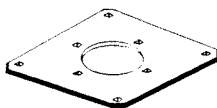
### 3. GAME PACKAGE CONTENTS (Parts # are Included)



MAIN CPU BOARD  
Part # 08-10-001



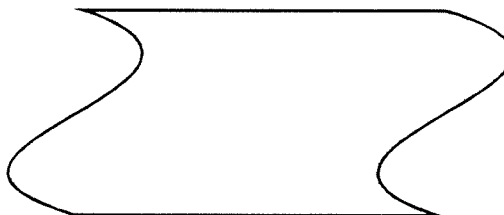
TRACKBALL PLATE  
Part # 99-70-400



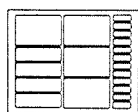
TRACKBALL UNIT with Harness (Solid White Ball)  
(Made by Happ Controls)  
Part # 99-50-201



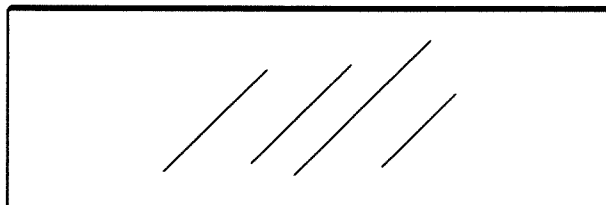
PUSH BUTTON ASS'Y (4 Red, 1 White)  
Parts #  
Red : 99-50-001  
White: 99-50-000



CONTROL PANEL OVERLAY  
Part # 08-30-150



INSTRUCTION DECAL SHEET  
Part # 08-30-210



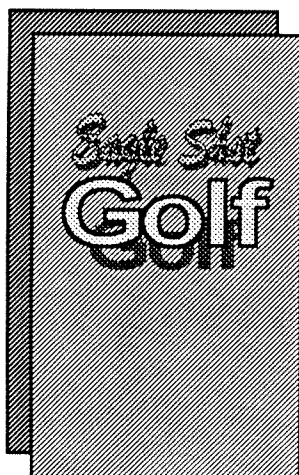
CLEAR LEXAN CONTROL PANEL COVER  
Part # 99-30-502



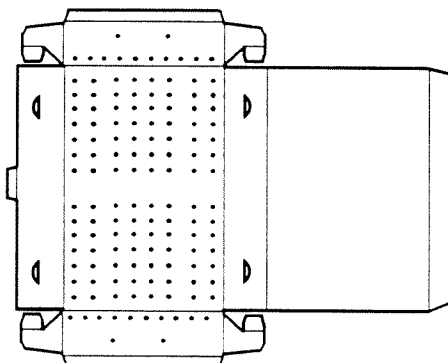
TRACKBALL HARNESS: 5 Feet (6pin)  
Part # 99-60-670



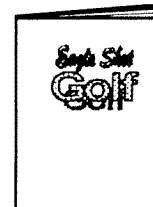
MARQUEE STYRENE  
Part # 08-30-100



SIDE DECAL SET  
Part # 08-30-200



F.C.C. SHIELDING  
Part # 99-70-200



INSTALLATION MANUAL  
Part # 08-30-300

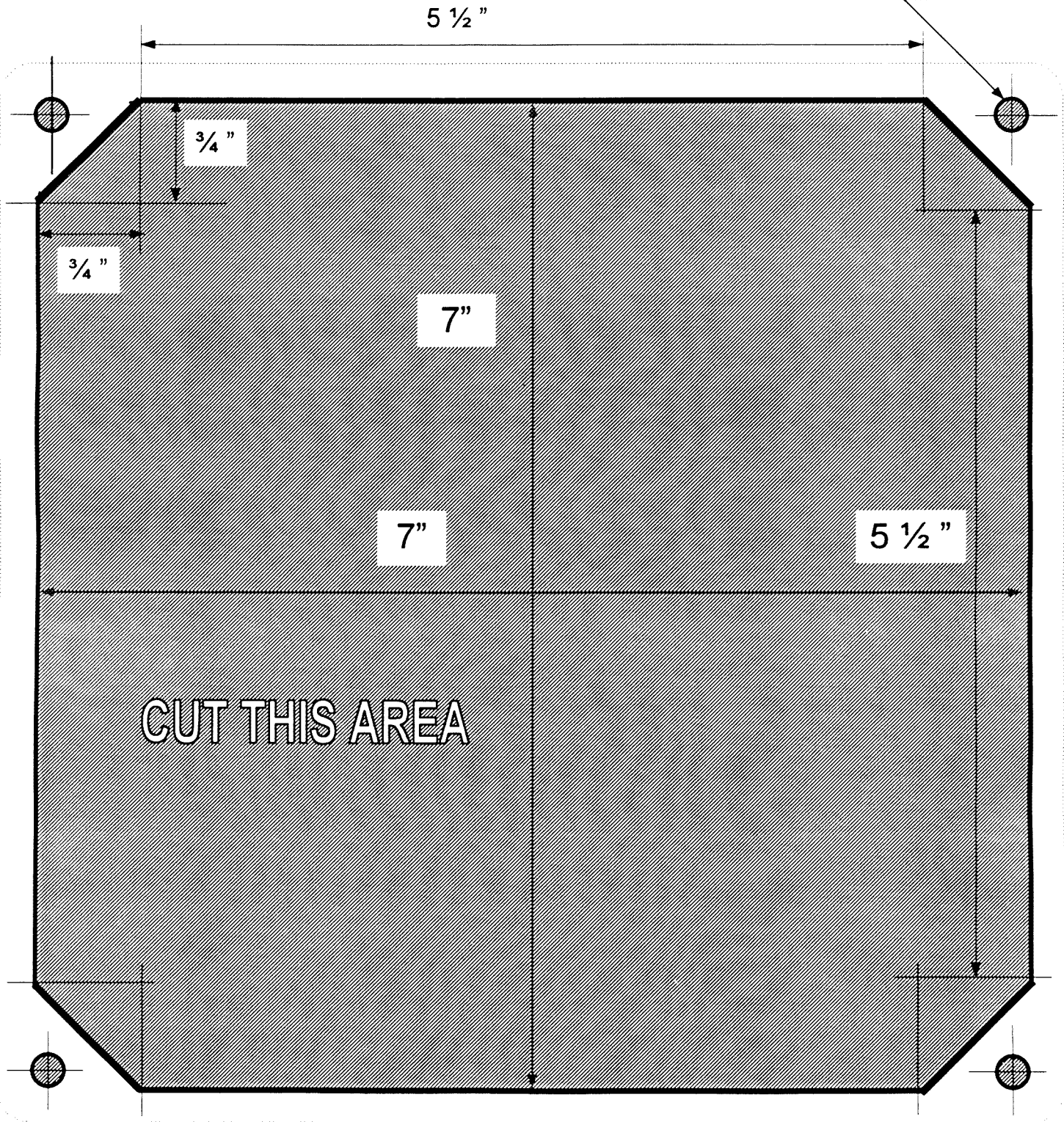
CUT OFF THIS AREA



Template for Control panel (Trackball side)  
\* Please make copy, if you use this template.

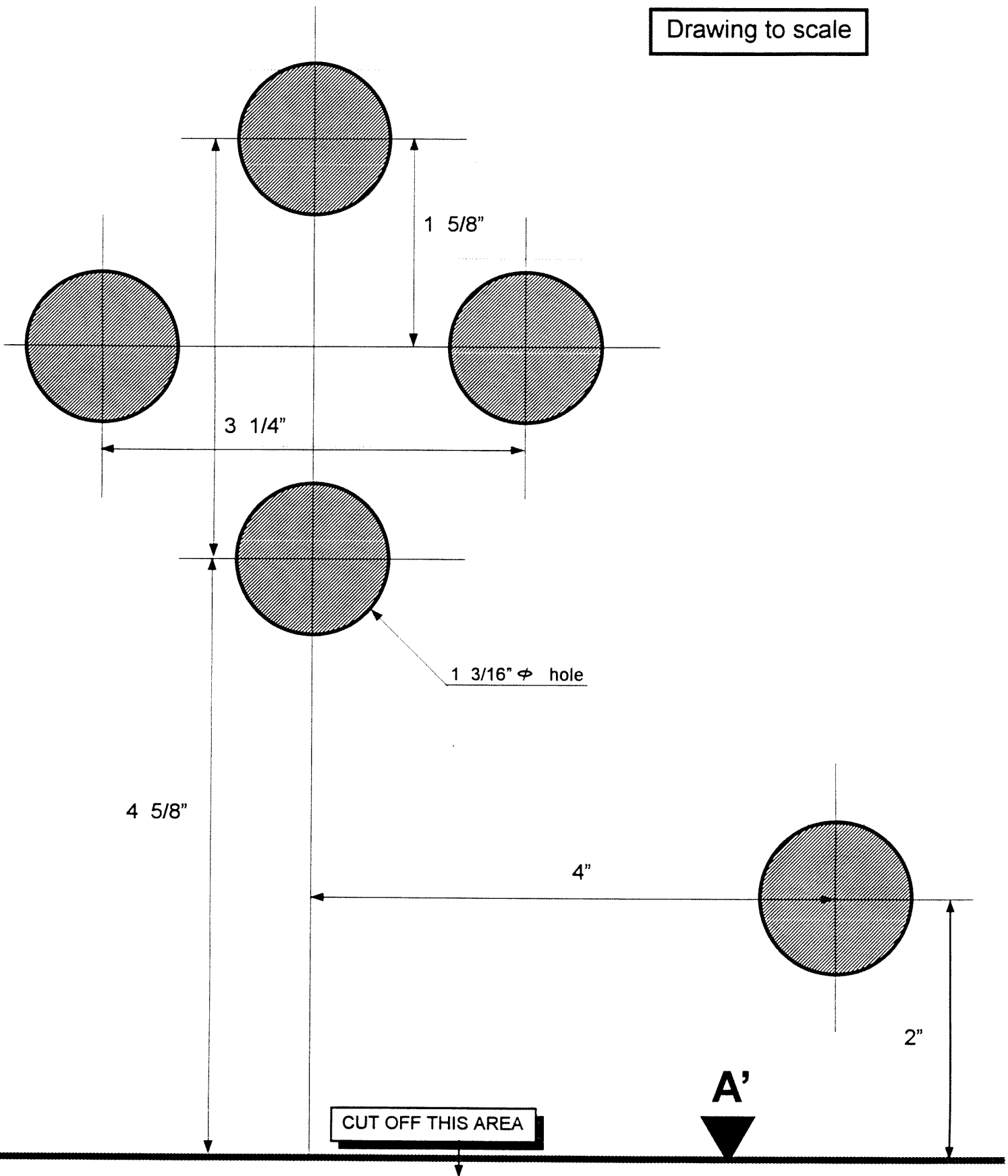
Drawing to scale

1/4"  $\phi$  hole  $\times$  4



**Template for Control panel (Button side)**  
\* Please make copy, if you use this template.

**Drawing to scale**

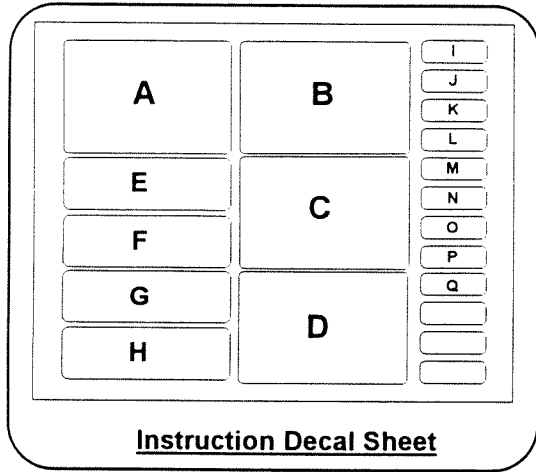




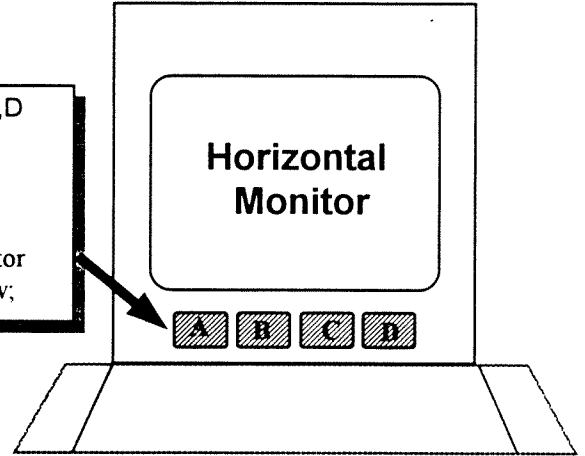
# 5. OTHERS

## Location of Instruction Decals

Decals A,B,C,D are mounted to Monitor Bezel, or any available space on Control Panel.  
Others are mounted to Each Controller and Buttons on Control panel as follows;



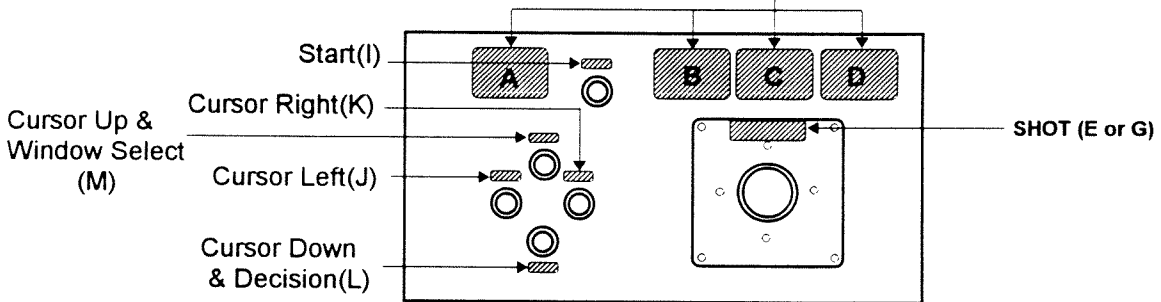
Mount A,B,C,D Here !!!  
\* If you do not have enough space on Monitor Bezel, see below;



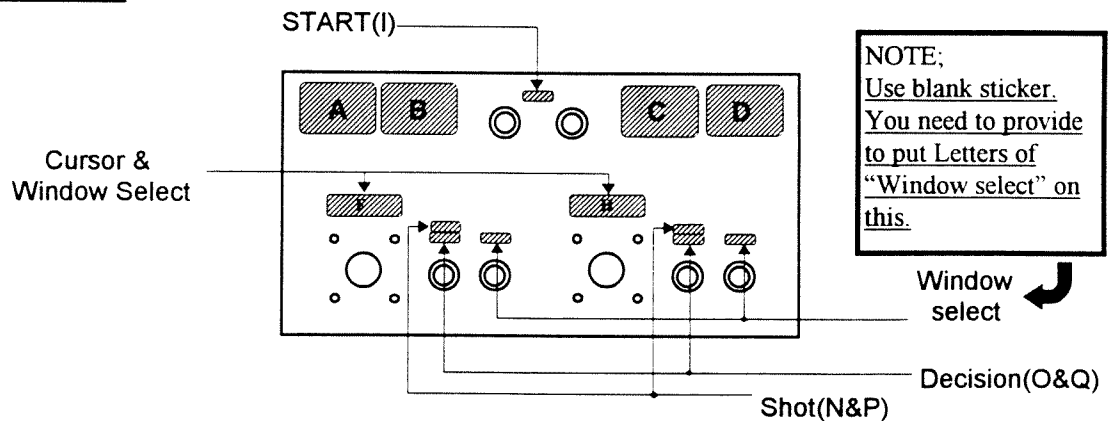
Other Decals E to Q need be mounted to the following locations.

\* If your cabinet does not have enough space on Monitor Bezel, You can mount the Decals (A,B,C,D) to following area.

### TRACKBALL TYPE



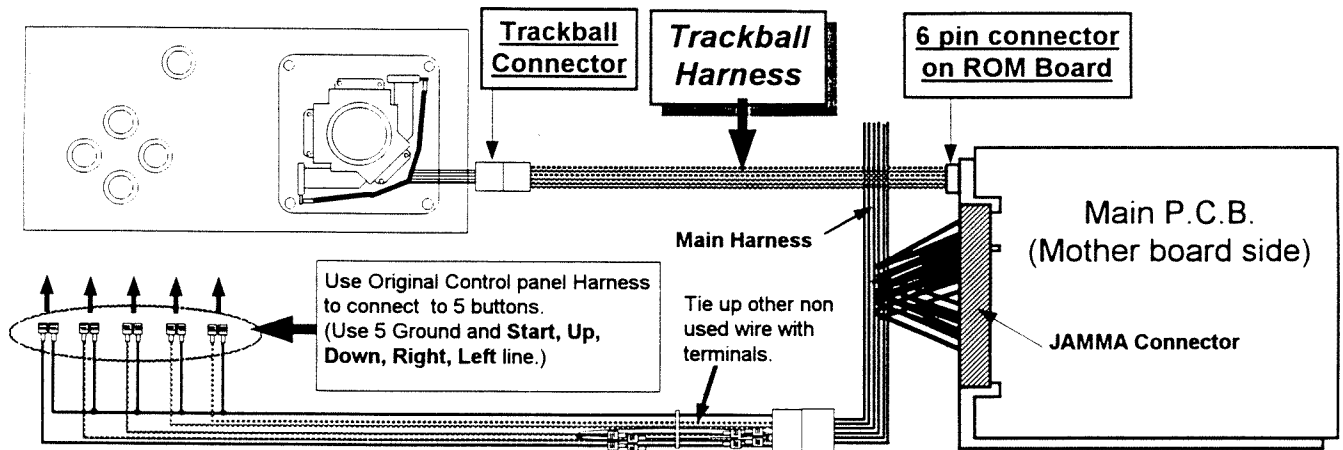
### JOYSTICK TYPE



NOTE:  
Use blank sticker.  
You need to provide to put Letters of "Window select" on this.

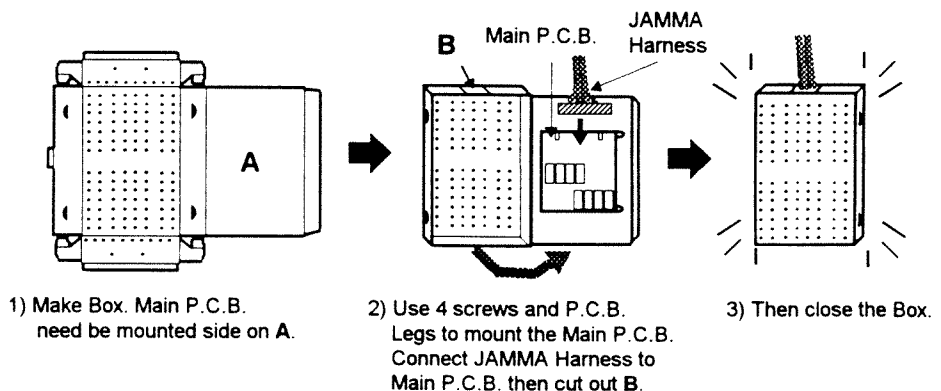
## Connecting the Trackball Harness & Other Buttons Harness.

The Trackball Harness is only a plug between Trackball Connector to 6 pin connector on ROM Board for Main P.C.B. (See below)  
 \* Make sure to tighten up Trackball Harness with Main Harness by Cable Tie.



## Installing the Main CPU Board

- 1) Remove the Old P.C.B. and check your Cabinet is JAMMA Harness or not. If it's not, you need to provide and install the JAMMA Harness.
- 2) Before plugging in the Game P.C.B., turn on the power to the game, and check +5 Volts DC on pins 3,4,C, and D of the JAMMA connector: +12 Volts DC on pins f and 6.
- 3) Check that the Monitor and the attraction lamp have power.
- 4) Check your DIP Switch setting chart. If you need to change "Coinage, Difficulty Level, Cabinet style of game.....etc", please adjust DIP Switch. Reference "DIP Switch Table" on Page 1 & 2.
- 5) After you have checked above, install the Main P.C.B. set in the cabinet. Mount the P.C.B. legs by 4 screws to 4 corner of Main P.C.B. The Standoffs support the Main P.C.B.
- 6) Use 4 wood screws to mount the Main P.C.B. with F.C.C. Shielding as below. (You need to provide those screws.)  
 Connect JAMMA connector and Trackball Harness to Main P.C.B.  
 Refer to above picture.



## **Warranty, Repair and Return Policy**

American Sammy Corporation (ASC) warrants all products to be free from defective materials and workmanship for a period of Thirty (30) days from the ASC invoice date unless otherwise specified in writing by ASC. The extent of this warranty applies to all electronic assemblies only, and does not include lamps and fuses.

## **Return Merchandise Authorization**

1. Contact your authorized ASC distributor to receive a Return Merchandise Authorization for return.
2. You must obtain RMA numbers from American Sammy Corporation through an authorized ASC distributor. Please have your serial number available when calling for an RMA number.
3. All items must have an RMA number marked clearly on the outside of the package.
4. Products must be shipped prepaid. Products returned without an RMA number will not be accepted.
5. Credits to accounts are subject to inspection of products for damage and suitability for resale.

## **F.C.C. Regulation Compliance**

This equipment complies with the limits for a Class A digital device pursuant to Part 15 of the F.C.C. Rules when installed as instructed using the F.C.C. shield provided with the " original " kit. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his/her own expense.