



SA, Bulk 1000EXP. KIT installation Manual

FEATURES:

- ? Add the Hopper Unit on Top of Sports Arena.
- ? Capacity of Hopper is **1000 capsules.**
- ? Add/mount the Capsule Drain.
- ? **Use 1.1" Acorn Capsule and Round Capsule.**
- ? You can select 2 kinds of Capsule payout styles.
 - 1) Pay out only when the player loses.
 - 2) Pay out every play. (When the player wins, pay out Key Chain Prize and Capsule.)
- ? Top Opening Door of Hopper Unit.
- ? Use the EP-ROM "Ver.1.05SP." Please refer to the Setting table below.

New feature of Ver. 1.05SP EP-ROM:

Almost all of the settings are the same as the original USA version. Capsule payout version has one more **Setting Function #11** that allows you to select how to pay out the capsule (3 ways as shown)!

Setting #0: OFF.

Do not pay out the capsule any time. (Same as original USA version.)

Setting #1: AFTER LOSS.

Capsule will be paid out when you lose.

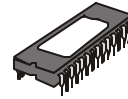
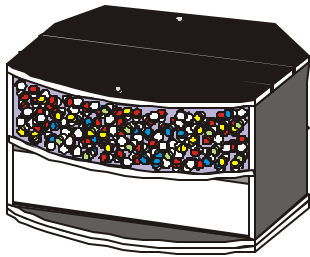
(No capsule payout when player wins prize.)

Setting #2: EVERY TIME AFTER GAME IS OVER.

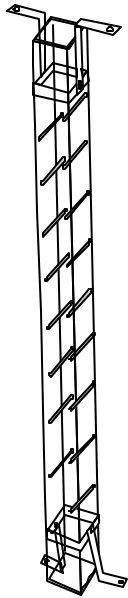
Capsule will be paid out every time after game is over. So when you win a prize, you will get one Key chain and one capsule.

PARTS INCLUDE

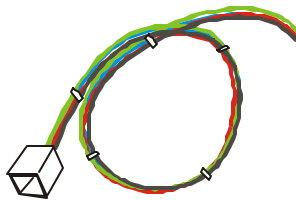
- 1) Bulk Hopper Unit (1000 EXP) 2) Program EP-ROM (256K, Bulk)



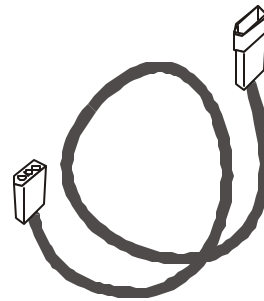
- 3) Capsule Drain



- 4) Hopper Harness



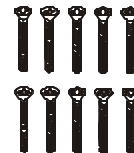
- 5) AC Harness, FL



- 6) Jumper Connector



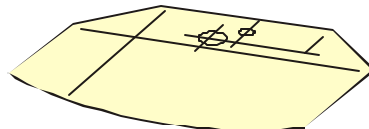
- 7) Dish head screw (10 pcs)



- 8) Wood screw, Black (8 pcs)



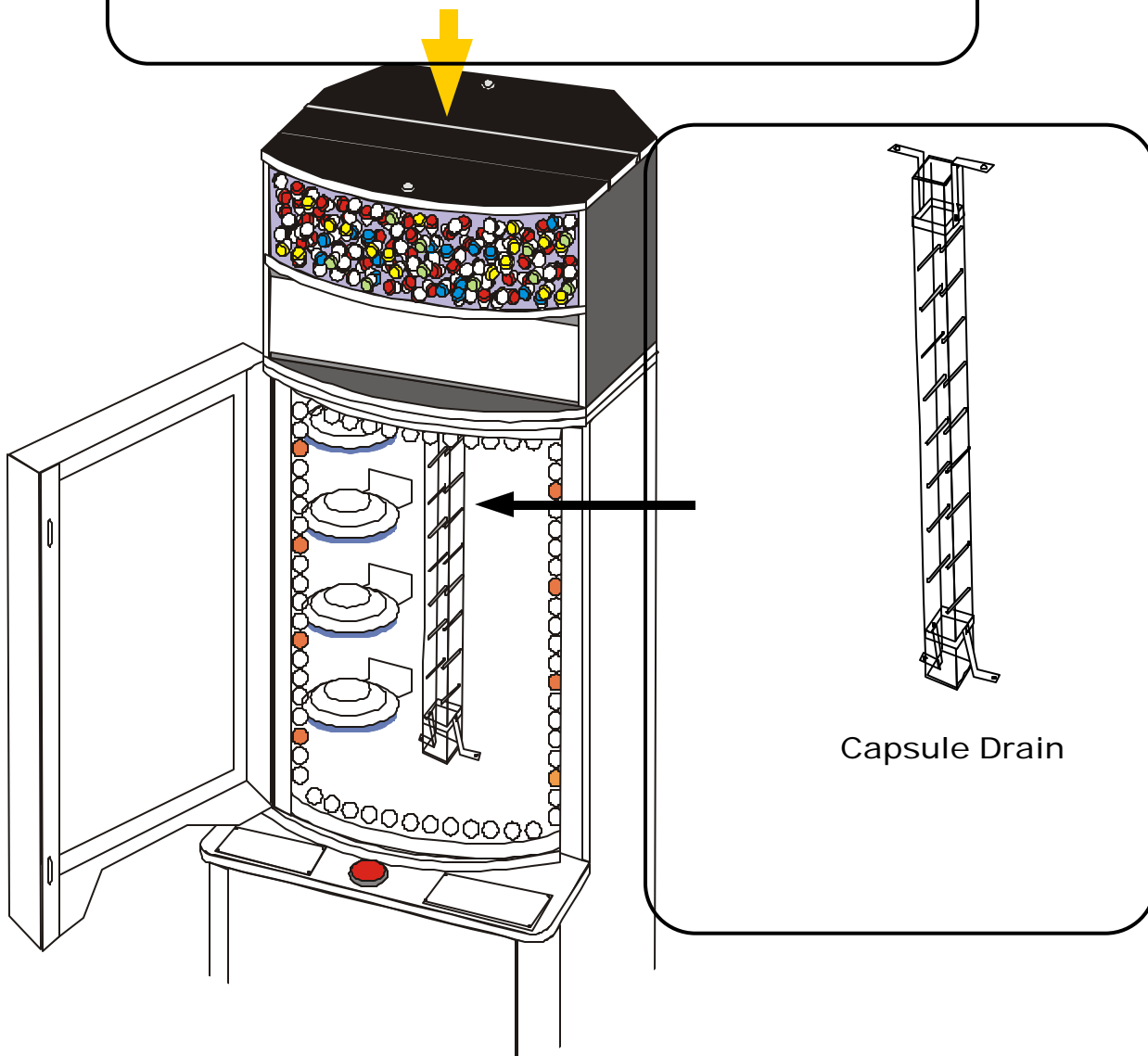
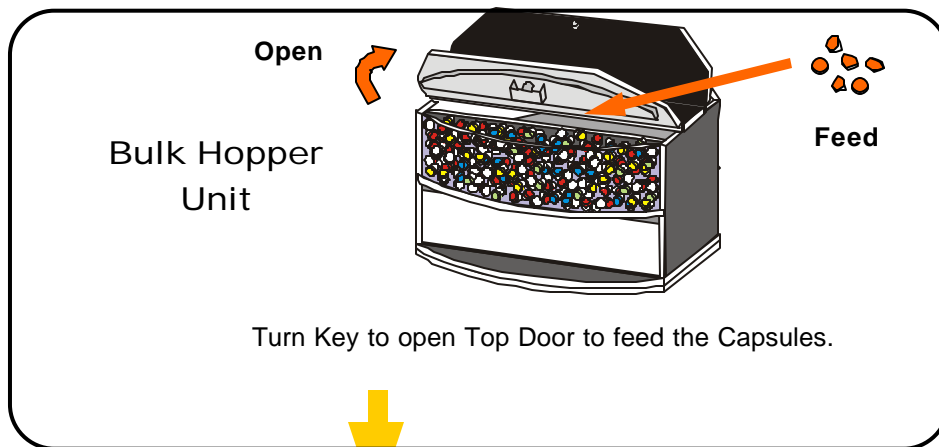
- 7) Template



- 8) Manual

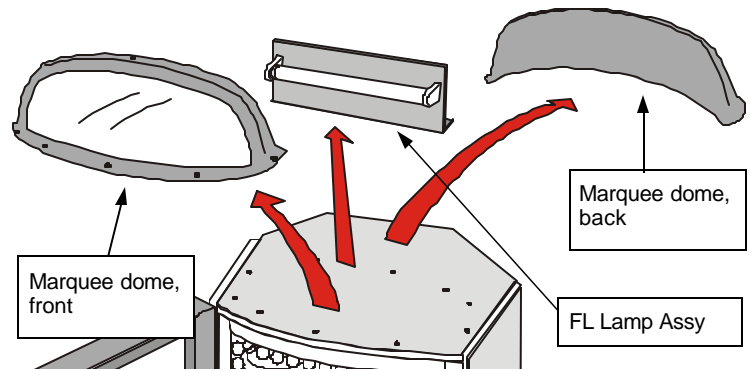


SPECIFICATIONS

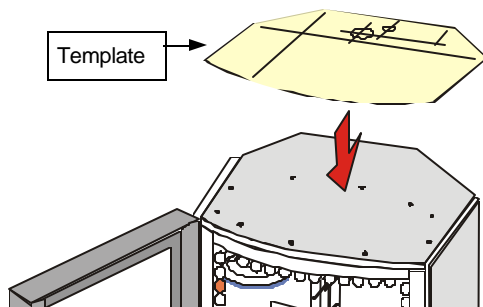


INSTALLATION

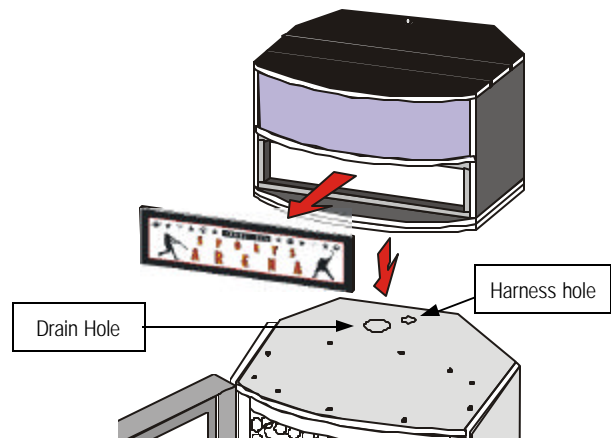
1) Take off original Marquee dome (Front & Back) then remove the FL Lamp Assy. (Do not use)



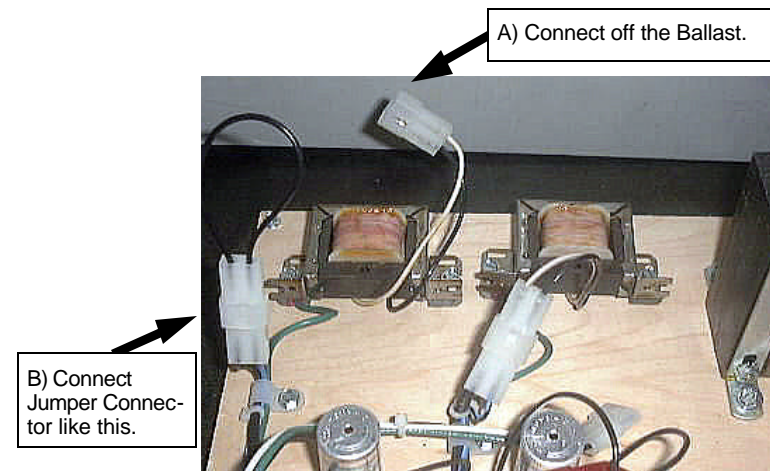
2) Use template to position the 2 of hole positions on the top of Sports Arena cabinet. (Large hole for Capsule Drain, small hole for Harnesses) Then drill the 2 of holes on there.



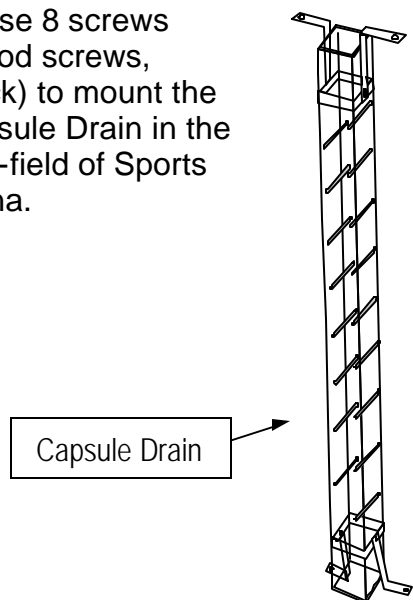
3) Remove the Marquee of Bulk Hopper Unit then place to top of your Sports Arena cabinet. Use 10 screws (Dish head, Philips) to mount it.



4) Connect off the Ballast that used for Marquee FL Lamp then connect Jumper Connector that include in KIT.

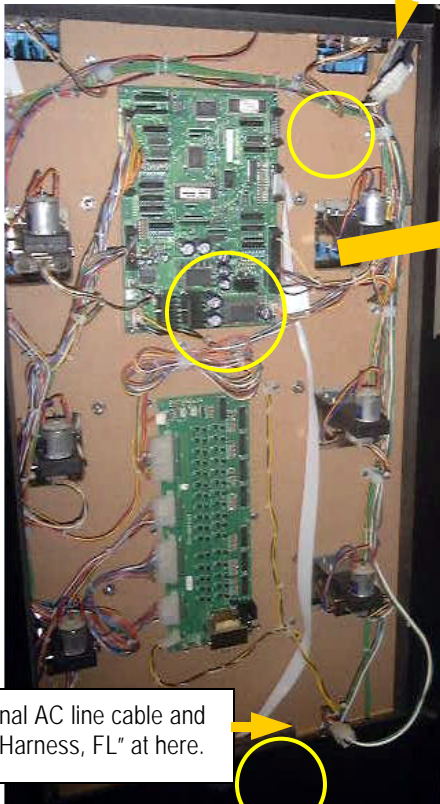


5) Use 8 screws (Wood screws, Black) to mount the Capsule Drain in the Play-field of Sports Arena.



6) Connect 2 of Harnesses. (Hopper harness and AC Harness) Hopper harness connect between Hopper and Main PCB. AC Harness connect between FL Harness in Hopper and AC connector of back of cabinet. Refer below.

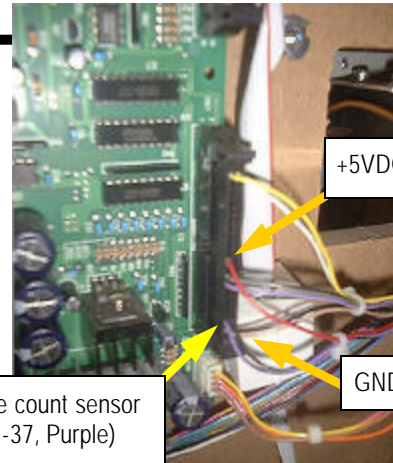
FL Harness from Bulk Hopper Unit:
Connect to AC Harness which include in KIT.



Remove original AC line cable and connect "AC Harness, FL" at here.

TOP BACK DOOR, INSIDE

ZOOM
UP



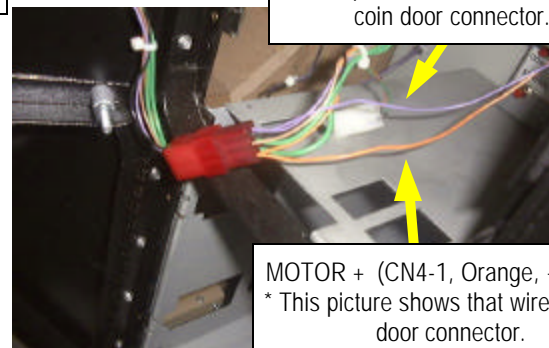
Capsule count sensor
(CN7-37, Purple)

+5VDC (CN7-21, RED)

GND (CN7-38, Black)

CN7 CONNECTOR ON Main PCB

AC Harness,
FL
(KIT parts)



MOTOR - (CN4-7, Purple, GND)
* This picture shows that wired on coin door connector.

MOTOR + (CN4-1, Orange, +12VDC)
* This picture shows that wired on coin door connector.

TOP BACK DOOR, INSIDE

7) Exchange the Program EP-ROM on the Main PCB to Bulk version which include in KIT.

8) Before power on, you must reset all back up data in Main PCB because exchange the Program EP-ROM. Re-power on the game while press and holding the Service switch. (Service switch off after 3 sec. Your reset will be complete when the attract music of game out put. If not, please retry.) After reset, please set up all setting again. (Specially, Prize Value, Coin setting, Winability Payout style of hopper and Lamp speed)

9) Fill capsule up in Bulk Hopper Unit. Check the payout of Bulk Hopper. If OK, remount the Bulk SA Marquee to the Bulk cabinet.

TABLE OF SETTING FUNCTIONS (Ver. 1.05SP) Bulk

FUNCTION# (LED1 & 2)	FUNCTION	SETTING# (LED3 & 4)	SETTING	NOTE
01	WINABILITY	0	HARDEST ↑	5%
		1		10%
		2		15%
		3		17.5%
		4		20%
		5		22.5%
		6		25%
		7		27.5%
		8		30%
		9		32.5%
		10		35%
		11	37.5%	
		12	NORMAL	40%
		13	↓ EASIEST	45%
		14		50%
15	WINNER EVERY PLAY	100%		
02	COIN CHUTE	0	1 COIN / 1 CREDIT	\$0.25 per play
		1	2 COINS / 1 CREDIT	\$0.50 per play
		2	3 COINS / 1 CREDIT	\$0.75 per play
		3	4 COINS / 1 CREDIT	\$1.00 per play
		4	5 COINS / 1 CREDIT	\$1.25 per play
		5	6 COINS / 1 CREDIT	\$1.50 per play
		6	7 COINS / 1 CREDIT	\$1.75 per play
		7	8 COINS / 1 CREDIT	\$2.00 per play
		8	9 COINS / 1 CREDIT	\$2.25 per play
		9	10 COINS / 1 CREDIT	\$2.50 per play
		10	11 COINS / 1 CREDIT	\$2.75 per play
		11	12 COINS / 1 CREDIT	\$3.00 per play
		12	13 COINS / 1 CREDIT	\$3.25 per play
		13	14 COINS / 1 CREDIT	\$3.50 per play
		14	15 COINS / 1 CREDIT	\$3.75 per play
		15	16 COINS / 1 CREDIT	\$4.00 per play
		16	17 COINS / 1 CREDIT	\$4.25 per play
		17	18 COINS / 1 CREDIT	\$4.50 per play
		18	19 COINS / 1 CREDIT	\$4.75 per play
		19	20 COINS / 1 CREDIT	\$5.00 per play
03	LAMP SPEED	0	SLOWEST	
		1	SLOW	
		2	NORMAL	
		3	FAST	
		4	FASTER	
		5	FASTEST	
		6	RANDOM FAST	
		7	RANDOM SLOW	Combo of normal & slow

"FACTORY INSTALLED" SETTING

TABLE OF SETTING FUNCTIONS (Ver. 1.05SP)

FUNCTION# (LED 1 & 2)	FUNCTION	SETTING# (LED 3 & 4)	SETTING	NOTE	
04	DIRECTION OF FLASHING LAMPS	0	CLOCKWISE		
		1	COUNTER CLOCKWISE		
		2	RANDOM		
05	CAROUSEL ERROR	0	OFF	If prize vending unit has a problem, display "error code" and stop.	
		1	ON		
06	AUTO STOP TIMER	0	10 SECONDS	Lamps will stop automatically if player does not hit stop button.	
		1	20 SECONDS		
		2	40 SECONDS		
		3	60 SECONDS		
07	TILT SYSTEM	0	ON		
		1	OFF		
08	ATTRACT SOUND	0	ON		
		1	OFF		
09	FREE PLAY	0	OFF	Regular Game	
		1	ON	Free play	
10	BONUS CREDIT	0	OFF		
		1	4 COINS / 3 CREDITS		400 pesetas/3 CREDITS
		2	20 COINS / 11CREDITS		2000 pesetas/11 CREDITS
11	CAPSULE PAYOUT	0	OFF	Same as normal game.	
		1	WHEN LOSE	Payout only when you lose.	
		2	PAYOUT EVERY TIME	Payout every time after game over	
12	WHEN THE CAPSULE IS EMPTY	0	ON	Automatically return to normal game	
		1	OFF	Stop with error cord "CP"	
L1 THROUGH r4	PRIZE VALUE OF EACH VENDING UNIT	0	\$0.25	Use these settings when using prizes of various values. You can set each individual vending unit based on the prize cost. (See manual for detail)	
		1	\$0.50		
		2	\$0.75		
		3	\$1.00		
		4	\$1.50		
		5	\$1.75		
		6	\$2.00		
		7	\$2.50		
		8	\$3.50		
		9	\$5.00		
		10	\$7.50		
		11	\$10.00		
		12	\$12.50		
		13	\$15.00		
		14	\$17.50		
15	\$20.00				

"FACTORY INSTALLED" SETTING

CABINET WIRING (Capsule Payout version for USA)

