Installing a Free Play button in your Hockey Table

The Air Hockey table does not have a Free Play option, in order to convert it over you will need to install a button on the outside connected to the coin switch.

- **Tools needed**
  Drill
  Hole Saw 1 1/8"

Parts Needed.

Valley-Dynamo part number 8860800475
(Available at www.valleydynamoparts.com)

1. On the Coin door in the lower bill acceptor plate, using the Hole saw drill a 1 1/8" hole.(See Drawing on page 2)
2. Install the button in the hole drilled by following the instructions that came with the button.
3. Move the Brown wire from the coin switch to the N.O. connection on the button installed. (See the Wiring diagram on page 3 to identify the wiring and page 2 to identify the coin switch.)
4. Move the Blue wire from the coin switch to the COM connection on the button installed. (See the Wiring diagram on page 3 to identify the wiring and page 2 to identify the coin switch.)
5. It may be necessary to adjust the program. The Access button gets you into the Program and steps you through the available levels. The Value button adjusts the setting.
   a. Hold the Access button on the logic board for 10 seconds. When released SC / 7 will be displayed. This is the number of points needed to win the game, adjust if needed with the Value button.
   b. Press and release the Access button. LE / 7 will be displayed. This is the length of the game; adjust if needed with the Value button.
   c. Press and release the Access button. CC / 4 will be displayed. This is the number of coins needed to start a game. **Use the Value button to change the Value to 1.**
   d. Press and release the Access button 2 times. The display should now be flashing 00 / 0, and your game should be ready to play by pushing in the button you installed. Note; Every time the button is pushed it will give you a game, there is a 10 second delay after the button is pushed before the blower motor starts.

If you have any questions or confusion about this process, please contact us at techhelp@valley-dynamo.com before proceeding and accidentally causing damage to your table that could be difficult or expensive to repair (or both!!)

Dynamo Hockey
V7.01 Program Configuration

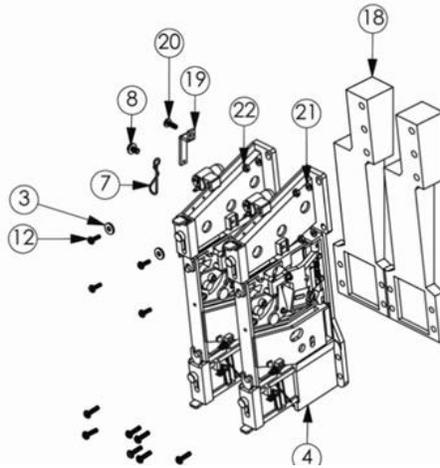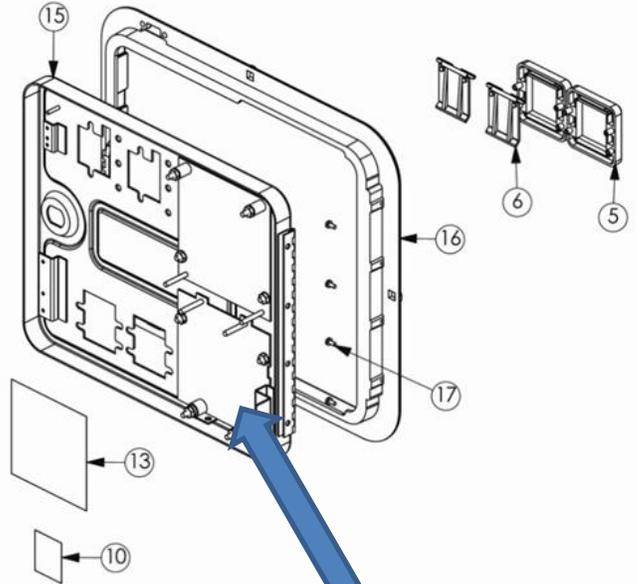**To change the default values**

- User should hold down the ACCESS button, the scoring display will count down from five and display the letters PE (Parameter Entry)
- Release the ACCESS button after the countdown and the menu system has been accessed
- Change values for each setting using the "VALUE" button. Press the "ACCESS" button to move to the next configurable setting.
- When all configurable values have been set, the program exits the setup routine and the values have been stored.

- **SC**   **Maximum score (for a player) per game**
  - Default Value 7
  - Minimum Value 2
  - Maximum Value 9

- **LE**   **Maximum time in minutes a game will run**
  - Default Value 7 minutes
  - Minimum Value 0 (time off, score setting determines game length)
  - Maximum Value 16 minutes

- **CC**   **Coins per credit**
  - Default Value 1
  - Minimum Value 1
  - Maximum Value 8

- **PC**   **Plays per credit**
  - Default Value 1
  - Minimum Value 1
  - Maximum Value 3

To Set Software Defaults

User should hold down the VALUE button in the PC Board when powering up the game. The LED display flashes "FP" (Factory Parameters) when the system defaults have been set. After "FP" has flashed, the display continues into startup mode. At this point you are done setting the defaults.

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	2	42-0231-100	ENTRY BEZEL
2	2	42-0038-100	REJECT BUTTON ASY. YELLOW $1.00 4X.25 1 PLAY W/L SHAFT
3	2	43-1002-00	WASHER, FLAT #6
4	2	42-8156-00	MECH HOLDER W/2 METAL CLIPS & 14V LMP SW .25 HAPP MECH
5	2	42-0232-100	RETURN BEZEL
6	2	42-0119-00	RETURN DOOR FLAP
7	1	42-0063-00	KEY HOOK
8	1	42-0065-00	SCREW 8 X 1/4
9	1	42-0641-00	LOCK ASSY 7/8 W/1 1/8" STRAIGHT CAM
10	1	95-0278-00	DANGER LABEL
11	8	48-1000-00	SCREW FOR BEZEL
12	4	43-1003-00	SCREW, PLASTIC #4 X .42
13	1	890-1060-00	LABEL UPSTACKER INSTRUCTIONS
14	1	42-0254-02	LOCKWASHER, F/LOCK 3/4" INT.
15	1	42-3696-100	COIN DOOR PINBALL 2 ENTRY WITH VALIDATOR PLATES INSTALLED
16	1	891-1701-016	FRAME STD DRII S2000 NOTCH BLK
17	4	890-1002-00	SCREW F/ HINGE M3X6MM .5 PITCH PH PAN HD ZINC
18	2	42-1035-00	INCLINED PLASTIC SEPERATOR IL 7 DEGREES
19	1	42-1039-00	BRACKET F/NRI WAKE-UP SENSOR
20	1	42-0314-00	SCREW 6-32 X 3/8 PH PN HD
21	4	43-0066-00	WASHER, #4 FLAT
22	4	43-0203-00	NUT, HEX M3

Lower Bill Acceptor Plate

Coin Switch Wiring