Rottendog Amusements

MPU327

Combination Williams System 3, 4, & 6 MPU and Driver Board

Installation Instructions:

1. With power OFF, remove the original MPU and Driver Board from the game
2. Remove the two screws which hold the center support for the old MPU and Driver Board
3. Remove the center support bracket.
4. Fasten the MPU327 board where the original Driver Board was located with 4 corner screws
5. Remove the cables from the 3 cable holders that run across the top left of the back box

Run Self Test

    a. Attach ONLY the 1J2 connector onto the top left of the MPU327
    b. Set the DIP Switch DS3 to all 1's (push them all downward)
    c. Remove Battery from Battery Holder BT1
    d. Turn power to the Machine to ON
    e. Verify the 2 LED's (LED1 and LED2) flash ON and OFF at about 1 second intervals
    f. Press SW1 (Diagnostics Switch) briefly while both LED1 and LED2 are OFF and release
    g. After about a 5sec pause, verify LED1 goes ON, then goes back OFF
    h. Verify LED2 goes ON, then goes back OFF
    i. Then Verify LED1 and LED2 flash ON and OFF as per line e.
    j. Turn Power to the Machine to OFF

    If any step above fails to function as described, the MPU327 board is not working properly!

    Note: This diagnostic code credit to Leon at http://www.flipper-pinball-fan.be/

6. Set DIP switch DS3 to your specific game as shown in silk screen (leftmost 2 switches not used but should be set to "00"
7. Attach all of the connectors across the top of the MPU326 (1J3, 1J4, 1J5, 1J6, 1J7)
8. Verify battery is still removed from MPU327
9. Turn pinball machine to "ON"
10. Verify LED's display "Audits" mode in player 1 and Ball & Credit score
11. Attach battery while machine is still ON (Writing on Battery should be visible)
12. Turn pinball machine to "Off"
13. Attach all remaining connectors (note 1J8 is only used for System 7 games)
14. Turn pinball machine to "ON" and play your game

1/30/2018