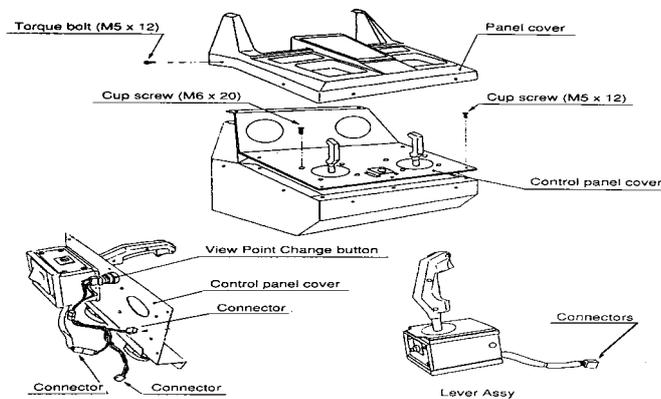


ADJUSTMENTS TO CYBERSLED JOYSTICK AMPLIFIER BOARD

TOOLS REQUIRED :- VOLT METER
3mm ALLEN WRENCH
8mm SOCKET

REMOVE THE LEVER PANEL

1. Remove eight flange screws (M5 x 12), then the panel cover.



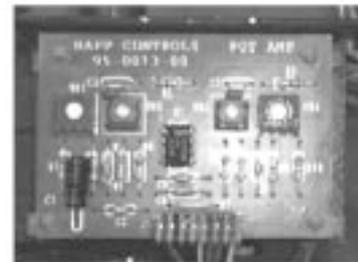
2. Remove seven hex head bolts (M5 x 20), then the control panel cover together with the Lever Assy.

JOYSTICK INITIALIZATION

1. Slide the test switch ON while pressing the service push-button switch. The "VOLUME ADJUST SCREEN" appears.

AMPLIFIER BOARD ADJUSTMENT

1. Set the voltage meter for DC Volts
2. Connect the meter to the double black wires (pin 6) and the double red wires (pin 7) of the Blue Player-Left joystick 12 way connector and make a note of the voltage reading.
3. Connect the meter to the double black wires (pin 6) and the blue wire (pin 4) of the same connector.
4. Adjust VR1 on the joystick amplifier board until the voltage shown is half the voltage of step 2.
5. Push the joystick fully forward and adjust VR2 anti-clockwise until the red 'OK', next to the word UP on the monitor screen, disappears. Then adjust VR2 **slowly** clockwise, still holding the joystick fully forward, until the 'OK' just reappears. Pull the joystick fully back and check that 'OK' appears next to DOWN, on the monitor screen,. If 'OK' does not appear adjust VR2 **slowly** clockwise until 'OK' just appears.
6. Disconnect the meter from the blue wire (pin 6) and connect it to the violet wire (pin 5).
7. Repeat steps 4 & 5 for Left/Right control using VR4 for voltage and VR3 for adjust.



Steps 3 - 7 are repeated for the other three joysticks.

Re-assemble the joystick panel and cover and return all service switches to the OFF position.

Move all the joysticks vigorously and allow to return to centre positions. Re- Initialize all joysticks by sliding the test switch ON while pressing the push-button service switch. Return all service switches to the OFF position.

Adjustments are now completed.