

EMI Shield Installation Instructions **For Mortal Kombat II Conversion Kit #44029**

Installation of this kit ensures compliance with FCC class "A" regulations regarding radiated emissions.

PARTS INCLUDED

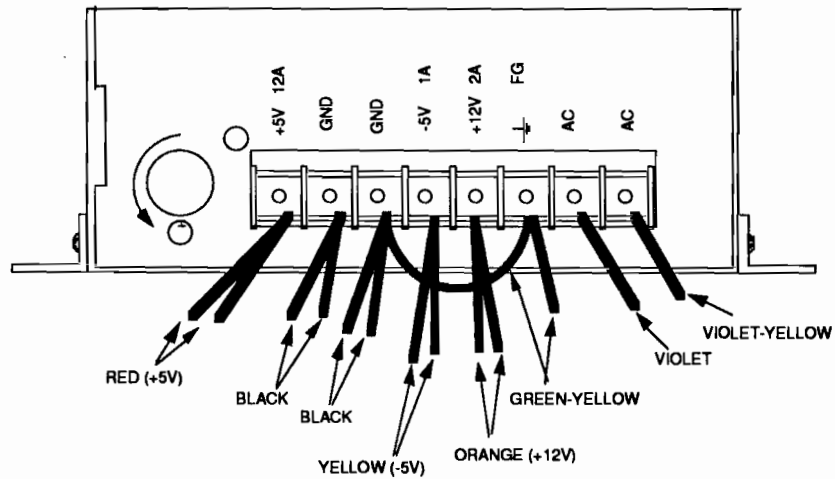
Number	Description	Quantity
02-5001	Spacer	1
03-7520-2	Ty-Wraps	19
03-7655-8	Cable Clamp	6
20-9941	EMI Shield	1
4106-01115-00	Sheet Metal Screw #6x1/2	30
4703-00008-00	Lock Washer	1
5556-13956-00	Ferrite Bead (large)	1
5556-13957-00	Ferrite Bead (small)	2
5795-10937-06	Ribbon Cable	1
5825-06523-00	Ring Terminal	2

INSTRUCTIONS

1. Turn the off power to the game and unplug it from the electrical outlet. Remove the back door of the cabinet.
2. Remove existing main harness and related cabling from the cabinet.
3. Mount the EMI shield inside the cabinet. Ensure that the fold is toward the front of the cabinet.
4. Mount the circuit boards, power supply and the cable clamps on the top of the EMI shield. Use sheet metal or wood screws to attach the circuit boards, cables, cable clamps and switching power supply into the cabinet.
Note: Care must be taken to ensure proper placement of circuit boards and cables. Precisely follow the drawing on page #3 for correct locations.
5. Attach the ground braid from the video signal cable to the video circuit board. Use the metal spacer as a PCB stand-off. Use the #8 external tooth lock washer between the video signal cable ground lug and firmly attach the cable using a self-tapping #8 wood or sheet metal screw through the ground lug and the PCB spacer.
6. Fold the EMI shield cover over the circuit boards. Align the mounting holes in the top cover with the mounting holes in the shield bottom. Secure the top cover to the bottom using the #6 hex head wood screws provided.
Note: Route the cables out the EMI enclosure via the slit openings in the sides of the EMI shield.
7. Attach the large ferrite bead to the cable bundle going to the control panel. Position the bead as close to the EMI shield as possible. Use ty-wraps provided to secure the ferrite bead in place.
8. Attach one of the small ferrite beads to the video signal cable. Position the ferrite bead as close to the EMI shield as possible. Use ty-wraps provided to secure the ferrite bead in place.
9. Attach the remaining ferrite bead to the speaker out cable. Position the bead as close to the EMI shield as possible. Use ty-wraps provided to secure the ferrite bead in place.

10. Attach the ground lug from the video signal cable to the video monitor chassis safety ground. Connect the video signal cable to the monitor signal inputs.

TYPICAL POWER SUPPLY CONNECTIONS



RACK DRAWING

GROUND BRAID (attach where shown)

