

LDV-1000 CONVERSION KIT INSTRUCTIONS

PURPOSE

The following procedure describes the conversion of Cinematronics' laser disc games from the Pioneer PR-7820 to the LDV-1000 video disc player.

OVERVIEW

The conversion entails the following steps:

1. Removal of the PR-7820 player.
2. Mounting the LDV-1000 in the player drawer.
3. Modifying the wiring harness to provide power to the LDV-1000.
4. Exchanging the circuit panel assembly.

PARTS LIST

<u>Component Part Number</u>	<u>Description</u>	<u>Quantity</u>
38-12170-01	Disc Plyr, LDV-1000	1
20-12135-01	Mounting Plate, PR-7820 to LDV-1000	1
25-12130-02	Shock Mount, Barry 7821-1 to LDV-1000	4
25-11611-01	Screw, Machine, #8-32-1/2 Pan HD P	8
25-11612-01	Washer, Lock #8	12
25-11613-01	Nut, #8-32	16
25-13001-01	Bolt, Hex Head, Metrix 6-20 x 37.5	4
25-12135-01	Screw, Machine, #8-32 x 1-1/4"	4
25-12136-01	Washer, Flat, #8	4
41-11766-01	Conn. 2 Cir. Molex Recpt. #19-09-1029	1
41-11926-01	Conn. 2 Cir. Plug Molex #19-09-2029	1
35-10614-01	Pin, Male, Molex	4
35-10615-01	Pin, Female, Molex	4
38-12088-01	Assy, Circuit Panel, Magicom	1

WARNING: During this procedure, do not leave either player upside down any longer than necessary.

PROCEDURE

1. Removing the PR-7820 Disc Player

- (a) Lock down the PR-7820 player and remove the disc.
- (b) Turn the power switch off and disconnect power cord from back of game.
- (c) Remove the back door and the two wing nuts and bolts holding the disc player drawer in place.
- (d) Slide the drawer out from the rear of the cabinet, lifting up slightly and remove the drawer from the cabinet.
- (e) Turn the player and drawer assembly upside down on work bench, allowing the drawer lip to protrude over the edge.
- (f) Remove the four retaining screws from bottom of disc player, and lift the drawer from the disc player.
- (g) Turn the disc player upright and set aside for return to Cinematronics.

2. Mechanical Installation of the LDV-1000 Disc Player

- (a) Place the LDV-1000 upside down on work bench. Remove rubber piece in center of player feet.
- (b) Attach shock mounts to metal plate using 1/2 inch screws provided. Insert four #8 screws into mounting plate as shown in Figure 1.
- (c) Attach mounting plate to bottom of LDV-1000, making sure the large hole in the plate is over the ventilation hole in the disc player and that the rubber shock mounts face down toward the player.
- (d) Position the drawer on top of the mounting plate so as to align the holes in the center of the shock mounts with the bolts added to the mounting plate.

2. Mechanical Installation of the LDV-1000 Disc Player (cont'd)

(d) (cont'd)

Position the disc player so that the harness connections are on the correct side of the player drawer as shown in Figure 2.

(e) Utilizing the four washers and nuts provided, mount the disc player drawer to the LDV-1000 mounting plate.

(f) Modify the LDV-1000 power cord as shown in Figure 3. Turn drawer rightside up.

3. Modifying the Wiring Harness to Provide Power to the LDV-1000

(a) Cut off the receptacle which powered the PR-7820 and modify as shown in Figure 4.

(b) Reinstall drawer into cabinet.

(c) Connect the Molex connectors added to the harness and to the disc player. Re-attach the audio, video and control cables as before.

4. Exchanging the Circuit Panel Assembly

NOTE: Before removing ribbon cables, note their orientation so as to reconnect them properly.

(a) Disconnect the harness and ribbon cables from the circuit panel assembly.

(b) Remove the screw holding the circuit panel assembly in the cabinet.

(c) Remove the circuit panel assembly from the cabinet.

(d) Reconnect the harness to the new circuit panel assembly provided.

(e) Install the circuit panel assembly.

5. Installing Disc

(a) Install disc in accordance with enclosed instructions.

(b) Slide the video disc player drawer back into the cabinet. Re-insert and secure carriage bolts and wing nuts.

In order to receive credit for the PR-7820 and the circuit panel assembly, they must be packaged so as to ensure no damage during shipment and returned, postage paid, to Cinematronics within sixty (60) days of receipt of the LDV-1000 conversion kit.

Questions regarding installation of this conversion kit should be directed to Cinematronics Customer Service Department. Please call 619/562-7000 from within California. Outside of California, our toll-free number is 800/854-2666. The Customer Service Department will be available to assist you between the hours of 7:00 a.m. and 5:00 p.m. California Standard Time.

UNLOCKING DISC PLAYER AND INSTALLING DISC

Remove the 2 bolts on either side of the game cabinet and pull out the disc player drawer.

Power on the game and make sure that the POWER button on the lower left front panel of the disc player is on (IN).

Push the REJECT/OPEN button on the upper left front panel of the player until the player hood unlocks. Then power off the game.

Raise the player hood and use a coin to remove the large locking screw at the edge of the disc cavity. Next, remove the lens cap. Put the screw and lens cap in the bag on the cabinet door.

Take the disc from its protective cover and install it in the player with the metal side up. Close player cover, close player drawer, and replace drawer bolts. Then power on game.

When moving the game, remove the disc and place it in its protective cover. Reinstall locking screw and lens cap. **DO NOT PUT THE DISC IN THE PLAYER WITH THE LOCKING SCREW INSTALLED!**

WARNING!!!!!! DO NOT SHIP THE DISC PLAYER IN A NON-LEVEL POSITION. If the game must be shipped on its side, remove the disc player drawer from the cabinet.

10/13/83

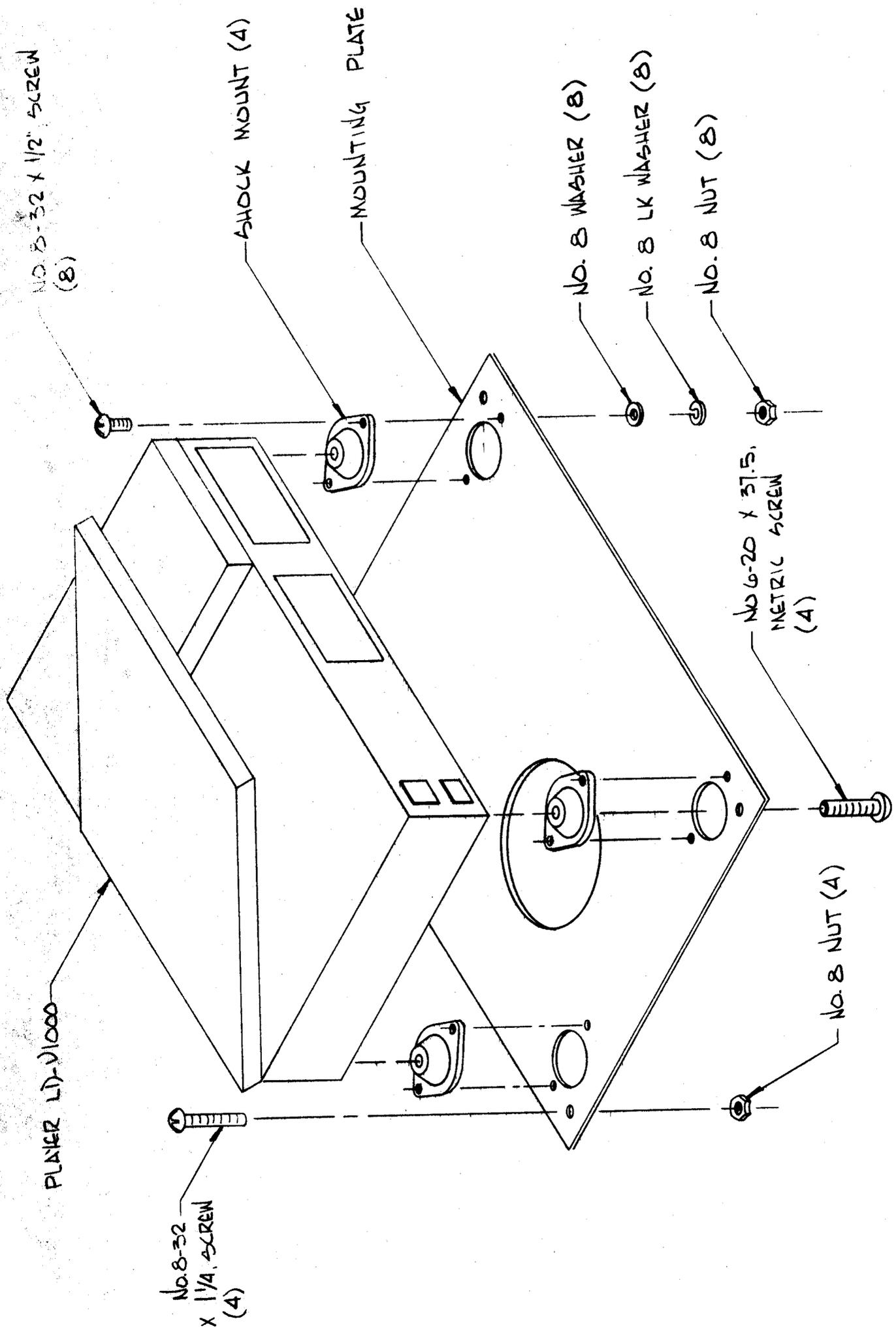


FIG. 1

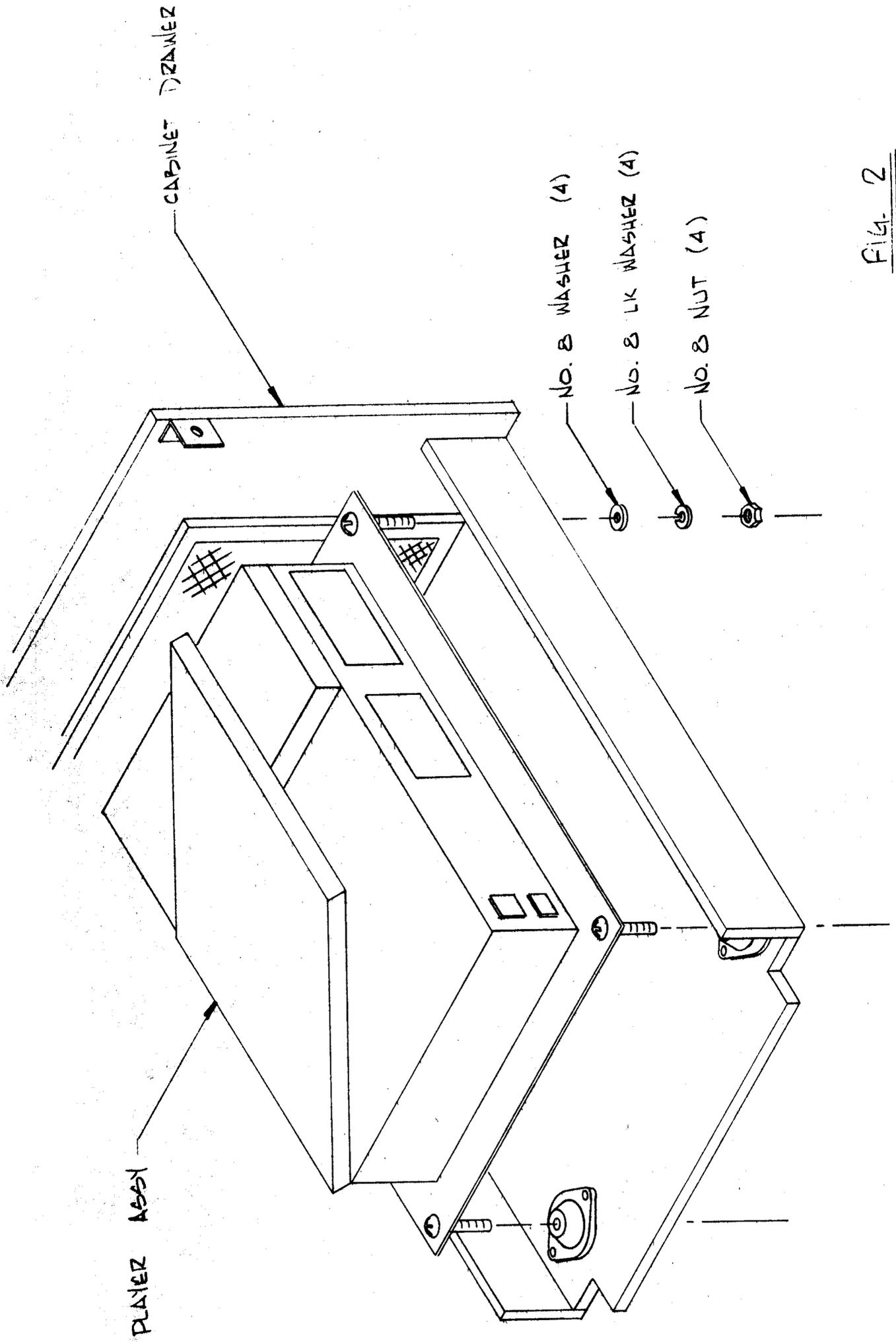


FIG. 2

FIG 3

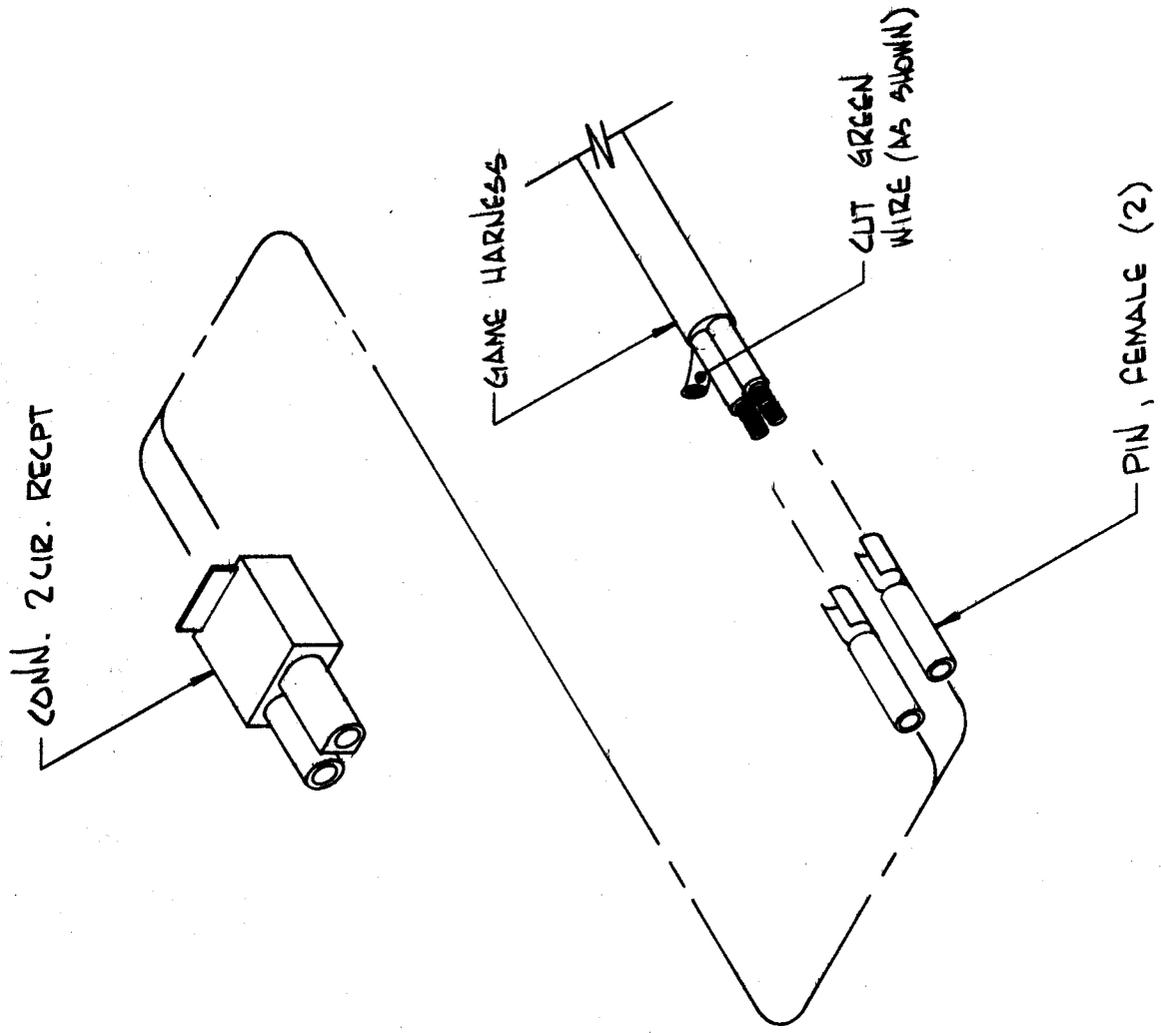
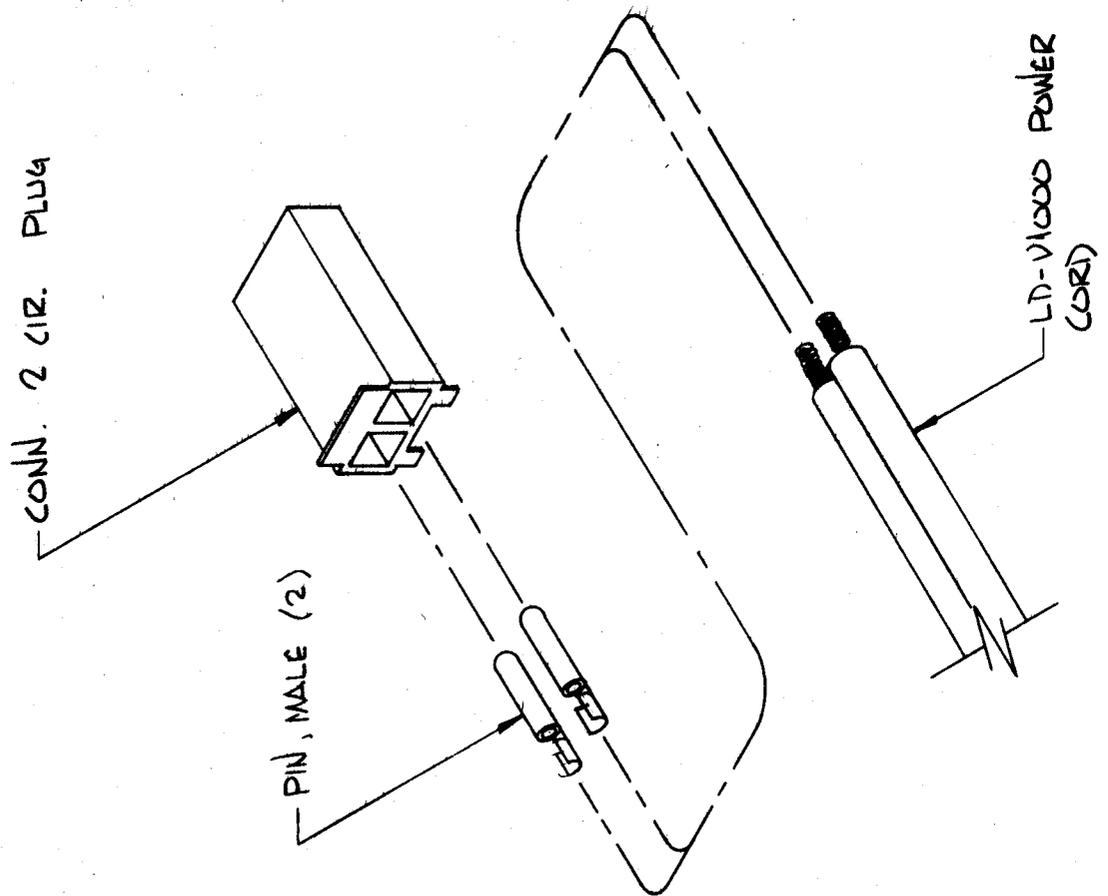


FIG 4