October 21, 1982

S E R V I C E   B U L L E T I N

SUBJECT: ELECTROHOME GO7 HVL CIRCUIT

Servicing the monitor with a B+ voltage of 138.5 VDC or more could be quite time consuming.

1. Remove all power from monitor.

2. Disconnect the collector of transistor X701.

3. Apply power to monitor.

4. Check for a raster (lit screen). If no raster is obtained, turn up the brightness control to verify a no raster condition.

5. With a raster, measure B+ at the emitter of the power regulator transistor X04.

6. B+ normal with a raster, the problem will be in the protection circuit. Check X701 & D701.

7. B+ still high with raster indicates the problem is in the power regulator circuit. Check X04, X901, X902, D905 & C905.

8. With a no raster condition, the problem will be in the horizontal section. Check from the oscillator to the horizontal output (IC501, X501, T-501, X01 & T-502).

9. Remember to reconnect the collector of X701.

Kevin Moeller
Service Technician

KM/dd

Bally

MIDWAY MFG. CO.

10601 W. Belmont Avenue
Franklin Park, Illinois 60131
Telephone (312) 454-9200

October 27, 1982

S E R V I C E   B U L L E T I N

GAME: TRON

SUBJECT: LIMITED BUY-IN FEATURE

1. This feature enables the player to continue his game by inserting an additional coin before the timer runs out. He has this option only until he completes the third phase of the game (Basic).

2. Option switch #1 setting at B3 controls the Buy-In feature.

3. Switch 3 ON, the Buy-In feature is allowed and switch 3 OFF, the Buy-In feature is not allowed.

4. Check out electrically.

Andy Ducay
Service Manager

AD/dd

Bally

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October 27, 1982

SERVICE   BULLETIN

UNIVERSAL TESTER

···AUDIO/VIDEO   CONNECTOR···

The Audio/Video Connector is located on the Tester's Interface Connector Panel. This is an M.R.A.C. 14 pin configuration. The signals supplied to each of the 14 pins are as follows:

A	Horizontal Sync.	J	+5 Volts
B	Vertical Sync.	K	Audio 1
C	Red	L	Return
D	Green	M	Audio 2
E	Blue	N	Return
F	Ground	P	Audio 3
H	V-Audio	R	Return

On the other end of this cable you will find 2 connectors, one of which an AMP 9 pin configuration. This connector is to be used for connection to your speaker system. The signals supplied to each of the 9 pins are as follows:

1	Audio 1	6	Return 1
2	+5 Volts	7	Ground
3	V-Audio	8	Return 3
4	Return 2	9	Audio 3
5	Audio 2		

Andy Ducay
Service Manager

AD/dd

September 15, 1982

S E R V I C E   B U L L E T I N

GAMES: TRON & SOLAR FOX

SUBJECT: POWER SUPPLY (A082-90412-C000)

1. A 68 ohm 1/2 watt resistor has been added between +5VDC and common.

2. This resistor is a dummy load for proper voltage measurement when the logic board is disconnected.

3. The dummy load resistor will not effect the logic system if it is missing.

Andy Ducay
Service Manager

AD/dd

Bally

MIDWAY MFG. CO.

September 16, 1982

S E R V I C E   B U L L E T I N

GAME: TRON

SUBJECT: OBJECTIONABLE VERTICAL LINE (LOWER RIGHT
           SIDE OF VIDEO SCREEN)

MODIFICATION

1. Adjust vertical center, vertical shift controls and move objectionable line to
   the edge of video screen.

2. Check cycle game for correct boundry alignment.

Andy Ducay
Service Manager

AD/dd

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Telephone (312) 451-9200

September 16, 1982

S E R V I C E   B U L L E T I N

GAME: TRON

SUBJECT: SELF-TEST BAD ROM LOCATIONS

1. When a bad rom is located in self-test the video screen will indicate location 02, 03, etc.

2. Due to computer type letters this 0 is really the letter D which locates a bad rom.

3. I repeat, what looks like an 0 is the letter D.

Andy Ducay
Service Manager

AD/dd

October 6, 1982

SERVICE   BULLETIN

* ATTENTION *

WE HAVE CHANGED OUR NAME!

The Midway Mfg. Co. has a new name. Our new name is now BALLY MIDWAY MFG. CO.

1. For Pinball Service, please call the BALLY PINBALL DIVISION at their Toll Free Number (800) 323-3555.

2. For Video Game Service, please call BALLY MIDWAY MFG. CO. at our Toll Free Number (800) 323-7182.

Andy Ducay
Service Manager

AD/dd

October 6, 1982

SERVICE BULLETIN

GAME: TRON

SUBJECT: LEG LEVELER CLEARANCE AT LOGIC BOARD

1. When leg levelers are inserted without leg leveler nuts the left leveler can damage the logic board.

2. Use only 2 inch type leg levelers with leg leveler nuts (Part Number 0017-00102-0048).

3. Check visually.

Andy Ducay
Service Manager

AD/dd