MIDWAY'S LICELE PARTS AND OPERATING MANUAL



MIDWAY MFG. CO.

ABALLY COMPANY

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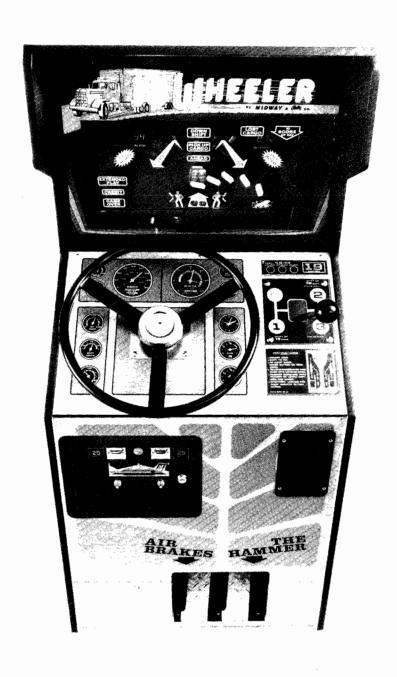
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WARNING

THIS GAME MUST BE GROUNDED. FAILURE TO DO SO MAY RESULT IN DESTRUCTION TO ELECTRONIC COMPONENTS.

DEAR OPERATOR

18 WHEELER HAS A SHILL OR ATTRACT MODE WHICH IS ACTIVATED WHEN THE GAME IS NOT PLAYED FOR A PERIOD OF 20 MINUTES. THE SHILL MODE HAS PROVEN TO ATTRACT MORE PLAYERS DURING OUR LOCATION TESTS, AND WILL UNDOUBTEDLY DO THE SAME FOR YOU.



18 WHEELER

DIAGNOSTICS/ALIGNMENTS/SOUNDS

GAME TEST

- 1. Place gear shift in neutral position.
- 2. Place switch #8 (located on Mother Board) in "ON" position.
- 3. Close tilt switch located on coin door assy.

The program goes through a RAM/ROM test.

BAD RAM

If score display reads	0	1	RAM 4 located at A-1 is bad
If score display reads	0	2	RAM 3 located at A-2 is bad
If score display reads	0	3	RAM 2 located at A-3 is bad
If score display reads	0	4	RAM 1 located at A-4 is bad

BAD ROM

If score display reads	8	1	ROM 1 located at B-1 is bad
If score display reads	8	2	ROM 2 located at B-2 is bad
If score display reads	8	3	ROM 3 located at B-3 is bad
If score display reads	8	4	ROM 4 located at B-4 is bad

If the RAMs and ROMs check out as good, the program goes through countdown of the display

9	8	7	6	5	4	3	2	1	0
8	7	6	5	4	3	2	1	0	1
-	_	_	_		_	_	_	_	_
_	_	_	_	_	_	_	-	_	_
0	1	2	3	4	5	6	7	8	9

and ends the test by writing 8 8 8 8 8 8 8 8 8 8 0 on the displays.

At the end of the display test, the program goes into lamp test. This is done by switching half of the lamps on at one time for 2-3 seconds and then switching the other half of the lamps on.

The display will continue to read 8's and lamps will continue to switch on and off until switch #8 (located on Mother Board) is returned to "OFF" position and tilt switch is closed.

GENERAL INSTRUCTIONS FOR "18 WHEELER"

INSTALLATION

- Remove shipping cleats located on the bottom of the cabinet.
- 2. Install four (4) provided leg levelers to bottom of cabinet and level cabinet.
- 3. The power is controlled by a switch located on top of the cabinet. Plug into A.C. only, 115 volts, 60 cycles. In low line areas (105 volts or less), a boost in the output voltage of the transformer may be obtained by removing the wire from the 115 volt tap of the transformer and rewiring it to the 105 volt position.

LINE VOLTAGE SAFETY SWITCH

A line voltage safety switch has been provided for your protection. It is located on the right rear side of the cabinet in the lower back door area. When the door is removed, it opens the circuit to the line voltage. To restore power (when servicing), pull switch fully out.

TO REMOVE CONTROL SHELF FOR SERVICE

- 1. Open coin door.
- 2. Unlatch 3 clamps, 2 on left side, 1 on right front side of cabinet.
- 3. Disconnect control shelf connector.
- 4. Remove wing nut, washer and steering cable from steering wheel assy.

MASTER VOLUME CONTROL POT

Located on Game Logic Board (P.C. A084-90700-A653) and controls the volume of all sounds and may be varied as desired, by rotating pot control.

COIN, TIME, EXTENDED PLAY AND TEST SWITCHES located on Mother Board (P.C. A082-90400-B000) and may be adjusted as indicated on separate instructions in back box area.

SERVICE BULLETIN

GAME: 18 Wheeler

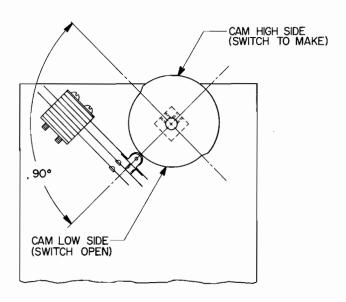
SUBJECT: Projection Lamp & Air Circulation

- 1. All games will be shipped with projection lamp removed and stored in cash box area. (or rear of game)
- 2. When installing lamp, insert completely in lamp socket for proper operation.
- 3. A spare projection lamp will be shipped with each game.
- 4. Do not set game flush against a wall. For proper air circulation and longer lamp life, leave three to four inches of space behind the game.

TO ALIGN ACCELLERATOR ENCODER

- 1. Remove three (3) bolts & two (2) wood screws on forward portion of accelerator/brake pedal assy, at front of game and pull assy, forward.
- 2. Place gear shift in 1st gear position.
- 3. Place switch #8 (located on Mother Board) in "ON" position.
- 4. Close tilt switch located on coin door assy.
 - The program continuously monitors the accellerator encoder and displays a number on the score display.
- 5. Loosen the two set screws on the encoder gear and rotate the encoder shaft until the score display reads "00". When number "00" is reached, the horn sound is turned on. If desired, the horn sound may now be turned off by placing gear shift in neutral position.
- 6. Tighten two set screws on encoder gear to encoder shaft. Verify that the score display still reads "00" and the horn sound is turned on when in 1st gear position.
- 7. Return switch #8 (located on Mother Board) to "OFF" position.
- 8. Close tilt switch to go into game mode.

BRAKE CAM & SWITCH ADJUSTMENT

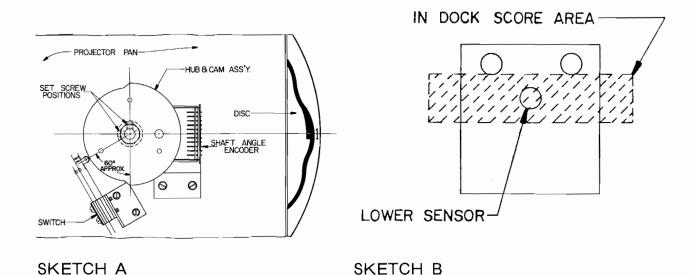


Position brake cam as per sketch above with brake pedal up.

TO ALIGN THE ROAD DISC ENCODER

- 1. Place gear shift in 2nd gear position.
- 2. Place switch #8 (located on Mother Board) in "ON" position.
- 3. Close tilt switch located on coin door assy.

- 4. Loosen two set screws on white plastic gear at the rear of the projector disc and disengage large gear from small gear by sliding large gear to rear of shaft. Next, loosen two set screws on cam assy. to free cam from encoder shaft. See Sketch A.
- 5. Remove two short mounting brackets holding Game Logic and Mother Board printed circuit assy. in place.
- Pull printed circuit assy, out of cabinet as far as slack in cable will allow. This will provide access to the disc drive motor which is located on the front surface of the projector pan assy, in the upper left hand corner.
- 7. Carefully lift motor off disc using provided lever and rotate disc until number "1", on the outside of the disc, is exposed on the right side of the projector pan. See Sketch A.
- 8. Carefully position the disc until the pick-up cargo score area is in line with the lower optical sensor. See Sketch B. This may be seen in the lower front reflector mirror.
- 9. Release motor to lock road disc in position.
- Rotate small pinion gear on encoder shaft until crash sound is heard. Rotate small pinion gear on encoder shaft in opposite direction until another crash is heard. Position pinion to approximately split travel between crashes.
- 11. Carefully engage white plastic gear (with set screw up, see Sketch A) with the pinion gear and tighten set screws. The score display should now read "37". If any other number is displayed, loosen set screws on white plastic gear and repeat step 10 and 11.
- 12. Reassemble cam in position shown in Sketch A. Note this position does not have to be precise.
- 13. Adjust leaf switch for proper operation.
- Return switch #8 (located on Mother Board) to "OFF" position and close tilt switch to go into game mode.



SOUND AND INPUT SWITCH DIAGNOSTICS

- 1. Place gear shift in neutral position.
- 2. Place switches #7 and #8 (located on Mother Board) in "ON" position.

3. Close tilt switch located on coin door assy.

If coin switch is closed

If start switch is closed

If 1st gear switch is closed

Engine will sound

If shift is in gear &

accellerator is depressed Engine will rev up

If 2nd gear switch is closed Horn will sound

If 3rd gear switch is closed Bell will sound twice
If reverse gear switch is closed Horn will sound twice

4. Return switches #7 and #8 (located on Mother Board) to "OFF" position.

5. Close tilt switch to go into game mode.

FOCUS

1. Place switch #8 (located on Mother Board) in "ON" position.

2. Close tilt switch located on coin door assy.

Remove two short mounting brackets holding Game Logic and Mother Board printed circuit assy. in place.

4. Pull printed circuit assy, out of cabinet as far as slack in cable will allow. This will provide access to the lens assy, which is located on the front surface of the pan assy, on the lower left hand side.

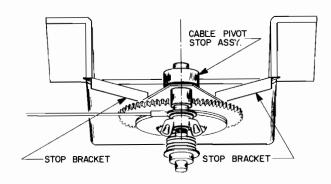
5. Loosen two thumb screws on lens bushing and move lens in or out to obtain the sharpest image of the road at the bottom half of the screen when viewed from rear of game.

6. Retighten thumb screws and remount printed circuit assy.

7. Return switch #8 (located on Mother Board) and close tilt switch to go into game mode.

STEERING WHEEL CABLE AND PROJECTOR PAN ALIGNMENT

- 1. Place switch #8 (located on Mother Board) in "ON" position.
- Close tilt switch located on coin door assy.
- 3. Viewing up through coin door opening, turn steering wheel until cable pivot stop assy. is centered between two stop brackets. See sketch below.



4. From rear of cabinet, remove spring from pivot channel located at the bottom of the cabinet.

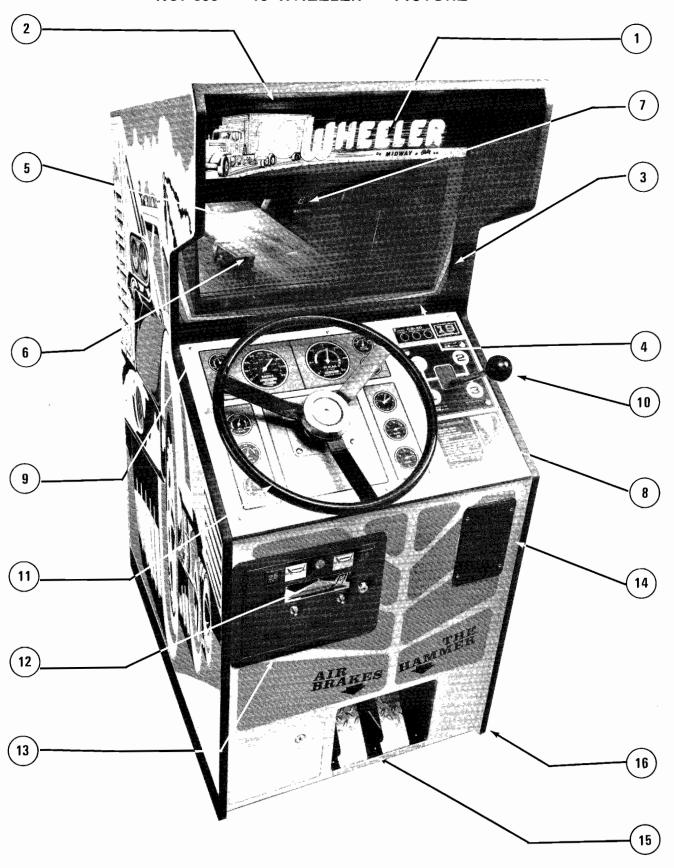
- 5. Making sure the steering wheel cable is drawn over (2) pulleys on the side of the cabinet, insert cable through adjusting block on pivot channel leaving about three (3) inches of cable through the left side of the adjusting block. Do not tighten cap screw at this time.
- 6. Remove two short mounting brackets holding Game Logic and Mother Board printed circuit assy. in place.
- 7. Pull printed circuit assy, out of cabinet as far as slack in cable will allow. This will provide access to the disc drive motor which is located on the front surface of the projector assy, in the upper left hand corner.
- 8. Carefully lift motor off disc using provided lever and rotate disc until white scoring area is in line with the truck cab pivot screw at top of screen.
- Pivot projector pan assy, until white scoring area is centered from left to right about truck cab pivot screw.
- Take up all slack in steering wheel cable by pulling cable through adjusting block until cable is taught. Tighten cap screw on adjusting block and replace spring.
- 11. Loosen two set screws on truck pivot. (located above projector pan unit under screen). Align truck pivot in center of slotted cut-out in screen, being careful to position truck pivot bracket 1/4" below screen and tighten set screws.
- 12. Replace printed circuit board assy. Return switch #8 (located on Mother Board) to "ON" position and close tilt switch to go into game mode.

SWITCH ADJUSTMENTS

		C	OIN			
1 COIN = 1 1 COIN = 2 2 COINS = 2 COINS =	PLAYS 1 PLAY				SW. 1 ON OFF ON OFF	SW. 2 ON ON OFF OFF
		TIME-EXT	ENDED PL	AY		
TIME	EXT. PLAY	SCORE	SW. 3	SW. 4	SW. 5	SW. 6
60 SEC. 60 SEC. 60 SEC. 60 SEC.	20 SEC. 30 SEC. 15 SEC. 30 SEC.	4,000 8,000 8,000 10,000	ON OFF ON OFF	ON ON OFF OFF	ON ON ON	ON ON ON
70 SEC. 70 SEC. 70 SEC. 70 SEC.	20 SEC. 30 SEC. 20 SEC. 30 SEC.	6,000 9,000 9,000 12,000	ON OFF ON OFF	ON ON OFF OFF	OFF OFF OFF	ON ON ON
80 SEC. 80 SEC. 80 SEC. 80 SEC.	20 SEC. 30 SEC. 20 SEC. 30 SEC.	8,000 12,000 12,000 16,000	ON OFF ON OFF	ON ON OFF OFF	ON ON ON ON	OFF OFF OFF
90 SEC. 90 SEC. 90 SEC. 90 SEC.	20 SEC. 30 SEC. 20 SEC. 30 SEC.	10,000 15,000 15,000 20,000	ON OFF ON OFF	ON ON OFF OFF	OFF OFF OFF	OFF OFF OFF
	TEST-PLAY					
	RAM/ROM – TEST ON O					SW. 8 ON / OFF

M051-00653-A010

NO. 653 — 18 WHEELER — PICTURE



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NO. 653 — 18 WHEELER — PICTURE

ITEM	PART NO.	DESCRIPTION
1	0653-00911-01SC	DISPLAYPLEX
2	0537-00903-0023	GLASS CHANNEL - 273/4"
3	0537-00903-0042	GLASS CHANNEL - 18¾'' (2 REQD.)
4	0629-00902-0500	GLASS LIFT CHANNEL - 27-7/8"
5	0653-00910-0000	PLEXIGLASS SCREEN
6	A653-00038-0000	TRUCK SYSTEM ASSY.
	A084-91326-B653	TRUCK LIGHTS P.C. BRD. ASSY.
	0017-00031-0029	MIN. WEDGE SOCKET (8 REQD.)
	0017-00003-0226	6.3V WEDGE LAMP (8 REQD.)
7	A084-91325-C653	L.E.D. DISPLAY BRD. ASSY.
8	0653-00158-00XF	CONTROL PANEL PLATE
9	0017-00102-0079	#6-32 x 11/4 CARRIAGE BOLTS (6 REQD.)
	0017-00104-0013	#6 PERIPHERY WASHER (6 REQD.)
	0017-00103-0005	#6-32 HEX NUT (6 REQD.)
10	A653-00048-0000	GEAR SHIFT ASSY.
11	0653-00902-00XF	STEERING WHEEL
12	A090-00020-2001	DOUBLE ENTRY COIN DOOR
	0017-00003-0102	COIN METER (MOUNTED ON DOOR)
13	0090-00002-02GR	COIN DOOR FRAME
	0017-00101-0555	#6-32 x 5/16 BLK. HEX HD. S.M.S. (3 REQD.)
		(MOUNTS DOOR TO FRAME)
14	0017-00009-0393	SPEAKER GRILL & HARDWARE
	0017-00003-0187	6 x 9 SPEAKER - 8 OHM, 9W
	0017-00101-0642	#8-32 x 1½ CARRIAGE BOLTS (4 REQD.)
15	A653-00028-0000	ACCELERATOR PEDAL UNIT ASSY.
16	0017-00102-0048	LEG LEVELERS (4 REQD.)
	0017-00103-0026	LEG LEVELER NUTS (4 REQD.)
		NOT SHOWN LIST
·	0653-00908-00XF	1/8'' MIRROPANE MIRROR - 27-7/8x15-1/2x1/8'' (UPPER)
	A653-00052-0000	(0FFER) 1/4 '' MIRROPANE MIRROR ASSY 27-7/8x15-7/8x1/4''
	0653-00148-0000	LOWER 1/4" MIRROPANE RETAINER
	0653-00149-0000	UPPER 1/4" MIRROPANE RETAINER
	0605-00104-01B0	GLASS LOCK BRKT. (2 REQD.)
	0017-00009-0009	TURNBUTTONS (2 REQD.)
	0603-00131-00XF	STRIKE (3 REQD.)

NO. 653 — 18 WHEELER — PICTURE

TEM			BY PART NUMBER <u>UNLY</u>
#8 x ¾ HEX HD. W/W BLK. SCR. (8 REQD.) #8 x ¾	ITEM	PART NO.	DESCRIPTION
		0017-00101-0028 0653-00907-0000 0653-00914-00XF 0653-00913-0000 0653-00912-0000 0586-00036-0000 0567-00106-0100 0017-00101-0025 A653-00029-0000 0017-00003-0219 A653-00032-0000	#8 x ¾ HEX HD. W/W BLK. SCR. (8 REQD.) BACK-UP DISPLAY CARDBOARD SCORE MASK CARDBOARD CARDBOARD BACK-UP FOR ¼" MIRROPANE CARDBOARD CABLE COVER-UP ON-OFF SWITCH SWITCH MTG. PLATE #8 x ½ HEX HD. WD. SCR. (2 REQD.) DISPLAY INSERT ASSY. #194 WEDGE LAMP - 14V (5 REQD.) BACKGROUND INSERT ASSY.

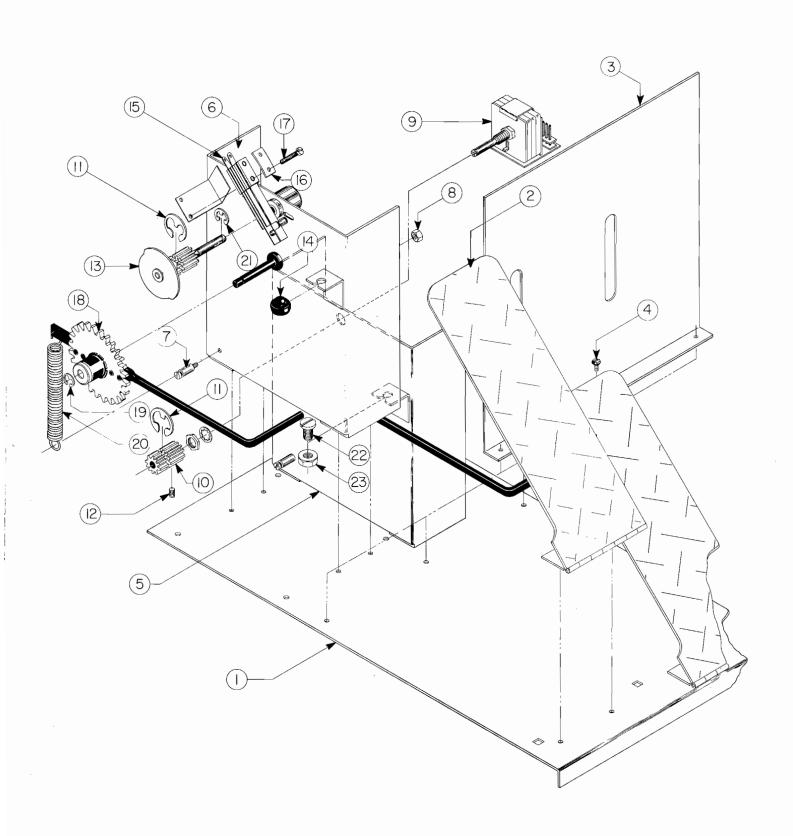
NOTES

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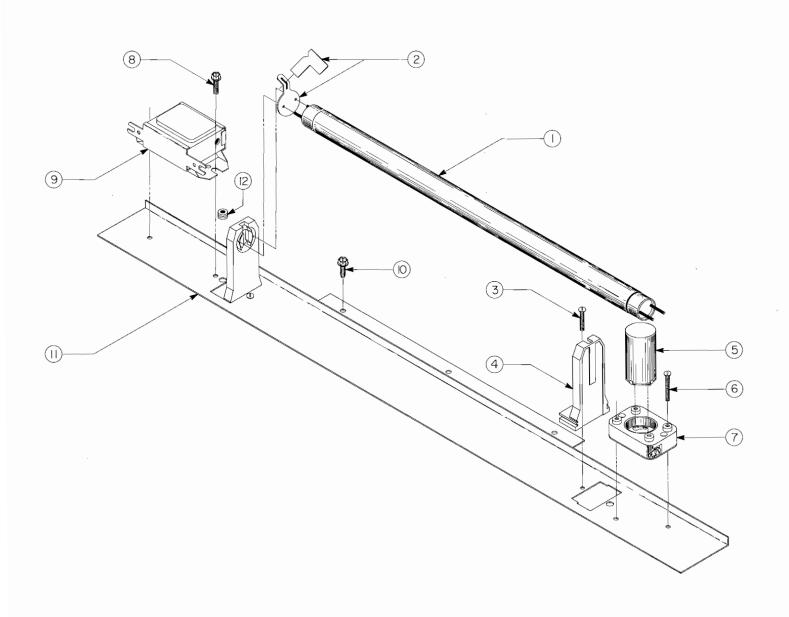
	DARTNO	DESCRIPTION
ITEM	PART NO.	DESCRIPTION
1	A653-00001-0000	HORN BUTTON ASSY.
2	0653-00902-00XF	STEERING WHEEL
3	A653-00043-0000	SHAFT & HUB ASSY.
4	0017-00007-0082	1/8 x 1-3/8 ROLL PIN
5	0017-00007-0077	1/8 x 3/4 ROLL PIN
6	0017-00101-0344	1/4 - 20 x 1-1/4 SOCKET CAP SCREW (3 REQD.)
7	0017-00102-0005	1/4 - 20 x 5/8 SOCKET CAP SCREW (4 REQD.)
8	0653-00917-0000	STEERING POST SHIELD
9	0653-00918-0000	NYLON WASHER
10	0653-00150-0000	TOP PLATE
11	0017-00100-0109	3/4 "E" - RING
12	0017-00009-0088	BEARING ASSY.
13	A653-00046-0000	STEERING BRKT. WELDMENT
14	0017-00042-0168	3/4 NYLINER
15	0017-00042-0022	1/4 NYLINER (2 REQD.)
16	0017-00042-0097	1/2 NYLINER
17	A653-00044-0000	GEAR ASSY.
18	0653-00153-0000	CLUTCH WASHER
19	0010-00594-0000	COMPRESSION SPRING
20	0017-00104-0044	3/4 x 1/2 x 1/16 STL. WASHER
21	0017-00100-0050	1/2 "E" - RING
22	0017-00100-0025	1/4 "E" - RING
23	0017-00100-0031	5/16 "E" - RING
24	0017-00104-0090	RUBBER STOP WASHER
25	A653-00047-0000	PIVOT STOP ASSY.
26	0653-00160-0000	STEERING CABLE
27	0017-00104-0023	STL. WASHER
28	0017-00103-0070	#10 - 32 WING NUT
29	0017-00102-0019	1/4 - 20 x 1-1/2 CARRIAGE BOLTS (4 REQD.)
30	0017-00104-0014	1/4 PERIPHERY WASHER (4 REQD.)
31	0017-00103-0018	1/4 - 20 HEX NUT (4 REQD.)
		PULLEY ASSEMBLY
32	A653-00050-0000	PULLEY BRKT. ASSY. (2 REQD.)
33	0653-00166-0000	CABLE GUIDE (2 REQD.)
34	0017-00101-0558	#6 - 32 x 5/16 S.T.M.S. (4 REQD.)
35	0017-00042-0206	PULLEY (2 REQD.)
36	0017-00100-0031	5/16 "E" RING (2 REQD.)
37	0017-00101-0027	#8 x 3/4 HEX HD. WD. SCREWS (4 REQD.)
38	0017-00104-0080	1-1/4 x 3/4 x 1/16 STL. WASHER
39	0017-00104-0005	1/4 SPLIT LOCKWASHER (4 REQD.)

NO. 653 — 18 WHEELER — BRAKE & ACCELERATOR PEDAL ASSY.



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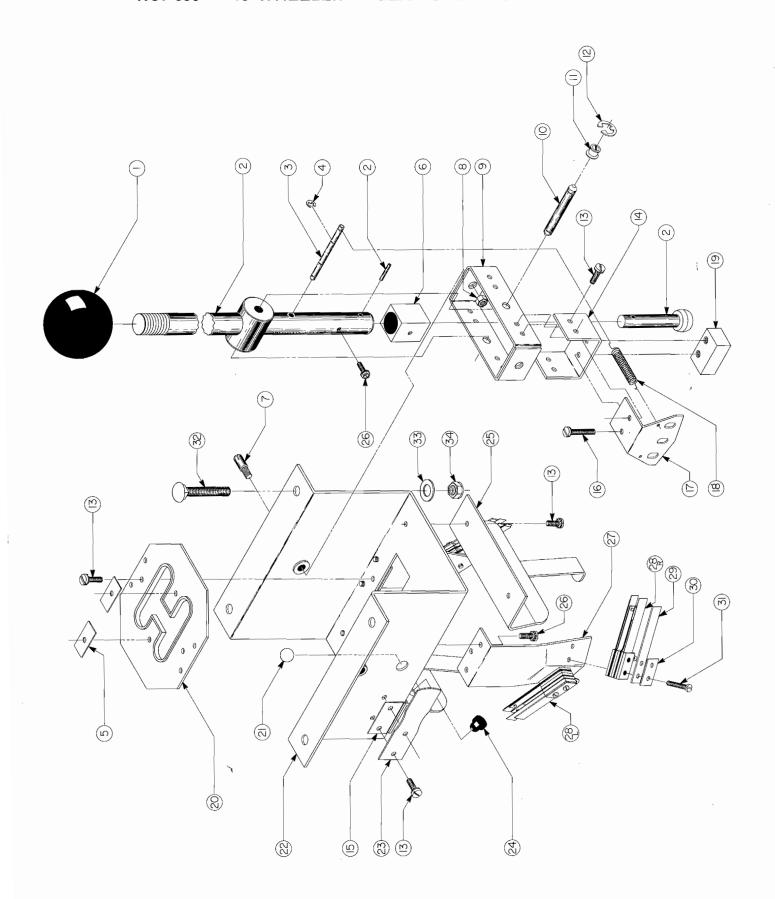
ITEM		DESCRIPTION
1	0653-00105-0000	CONTROL MTG. BRKT.
2	0610-00002-0000	ACCELERATOR PEDAL & HINGE ASSY. (2 REQD.)
3	0653-00104-0000	ACCEL. PEDAL COVER PLATE
4	0017-00101-0597	#8 x 5/16 HEX HD. S.T. SCR. (17 REQD.)
5	0610-00004-0000	MTG. BRKT. ASSY ACCELERATOR
6	A653-00003-0000	MTG. BRKT. ASSY BRAKE
7	0011-00100-0600	PIVOT POST (2 REQD.)
8	0017-00103-0011	#10 - 32 LOCK NUT (2 REQD.)
9	A082-91101-B000	ANGLE ENCODER SWITCH (1 REQD.)
10	0583-00723-0000	GEAR (1 REQD.)
11	0017-00100-0050	1/2" E - RING (2 REQD.)
12	0017-00101-0308	#8 - 32 x 3/16 SOCKET SET SCREW (2 REQD.)
13	A653-00067-0000	SWITCH CAM ASSY.
14	017-00041-0015	RUBBER BUMPER (2 REQD.)
15	A653-00053-0000	BRAKE SW. ASSY.
16	0020-00202-0000	SWITCH PLATE
17	0017-00101-0529	#5 - 40 x 7/8 R.H.M.S. (2 REQD.)
18	0610-00003-0000	GEAR & LEVER ASSY. (2 REQD.)
19	0017-00100-0031	5/16'' E - RING (2 REQD.)
20	0010-00228-0000	SPRING (2 REQD.)
21	0017-00100-0025	1/4" E - RING (2 REQD.)
22	0017-00101-0785	1/4 - 20 x SLT. EXT. PAN HD. S.T.M.S.
23	0653-00734-0000	STOP -ENCODER LIMIT
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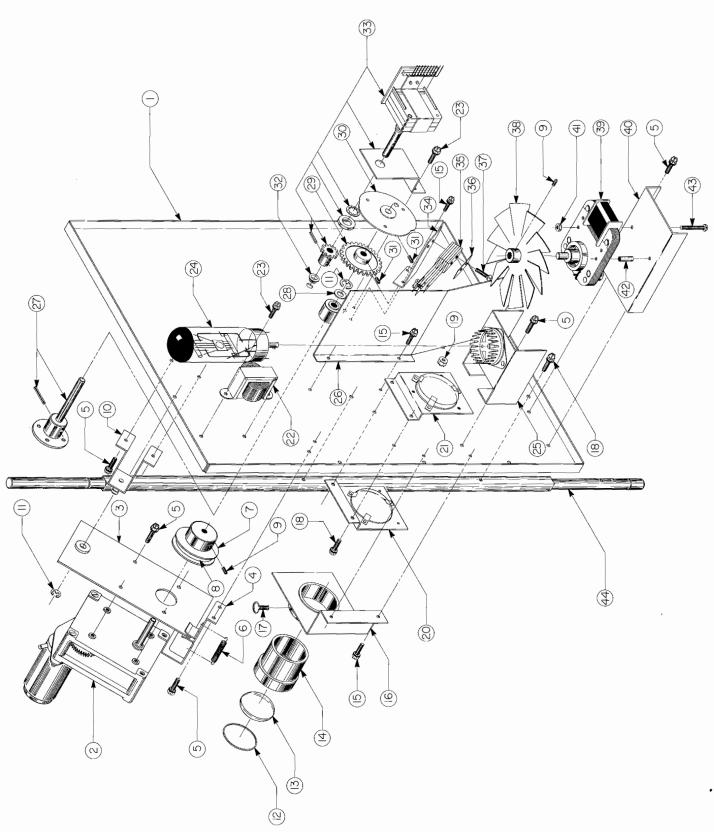
	URDER	BY PART NUMBER ONLY
ITEM	PART NO.	DESCRIPTION
1 2 3 4 5 6 7 8 9 10 11 12	PART NO. 0017-00003-0095 0017-00021-0005 0017-00101-0573 0017-0003-0019 0017-00101-0528 0017-00021-0079 0017-00101-0555 0017-00003-0026 0017-00101-0017 A653-00054-0000 0017-00041-0013	18" FLUORESCENT BLACK LIGHT FLUORESCENT LOCKS (2 REQD.) #6 - 32 x 1/2 R.H.M.S. (2 REQD.) FLUORESCENT SOCKET (2 REQD.) STARTER #5 - 40 x 3/4 R.H.M.S. (2 REQD.) STARTER HOLDER #6 x 5/16 HEX HD. S.M.S. (2 REQD.) BALLAST #6 x 1/2 BLK. HEX HD. W/W S.M.S. (3 REQD.) FLUORESCENT BRACKET ASSY. GROMMET (2 REQD.)

NO. 653 - 18 WHEELER - GEAR SHIFT ASSEMBLY



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ITEM	PART NO.	DESCRIPTION
	FARI NO.	
1	0017-00009-0435	KNOB
2	A653-00041-0000	GEAR SHIFT LEVER & SW. ACTIVATOR ASSY.
3	0653-00726-0000	SPRING PIN
4	0017-00100-0021	7/32" "E" RING (2 REQD.)
5	0653-00178-0000	WASHER PLATE (2 REQD.)
6	0653-00924-0000	SHAFT ADAPTOR
7	0653-00727-0000	GIMBEL PIN (2 REQD.)
8	0017-00103-0049	5/16 - 18 HEX NUT (2 REQD.)
9	A653-00007-0000	PIVOT ASSY.
10	0653-00705-0000	PIVOT PIN
11	0017-00042-0023	NYLINER (2 REQD.)
12	0017-00100-0037	3/8" "E" RING (2 REQD.)
13	0017-00101-0652	#10 - 32 x 3/8" SLOT. PAN HD. EXT. S.E.M.S.
ا ا		(16 REQD.)
14	0653-00156-0000	U-BRACKET
15	0653-00170-0000	SPRING PLATE
16	0017-00101-0796	#10 - 32 x 3/4" SLOT. PAN HD. EXT. S.E.M.S.
ا ــ ا	0050 00440 0000	(2 REQD.)
17	0653-00110-0000	DETENT BRKT.
18	0010-00255-0000	SPRING (2 REQD.)
19	0653-00163-00XF	SUPPORT GEAR PLATE
20	0653-00916-0000	BALL BEARING
21 22	0017-00006-0052	HOUSING
23	0653-00113-0000 0653-00109-0000	DETENT SPRING
23	0017-00041-0015	RUBBER BUMPER (4 REQD.)
25	A653-00042-0000	SWITCH MTG. BRKT. & LEG ASSY. (2 REQD.)
26	0017-00101-0599	#8 - 32 x 3/8 SLOT. HEX HD. S.E.M.S. (6 REQD.)
27	0653-00162-0000	SWITCH MTG. DEVICE (2 REQD.)
28R	A653-00005-0000	SWITCH ASSY RIGHT (2 REQD.)
28L	A653-00006-0000	SWITCH ASSY LEFT (2 REQD.)
29	0091-00119-0000	BACK UP STRIP
30	0020-00202-0000	SWITCH PLATE (4 REQD.)
31	0017-00101-0528	#5 - 40 x 3/4" PAN HD. M.S. (8 REQD.)
32	0017-00102-0071	5/16 - 18 x 1-1/2" CARRIAGE BOLTS (4 REQD.)
33	0017-00104-0046	FLAT WASHER (4 REQD.)
34	0017-00103-0027	5/16 - 18 ELASTIC STOP NUT (4 REQD.)
		NOT SHOWN LIST
	0653-00107-0000	SLIDE DISC
	0653-00176-0000	SWITCH MTG. BRACE
	0653-00175-0000	PROTECTION PLATE
	0017-00101-0598	#8 - 32 x 5/16" S.T. SLT. HEX HD. M.S. (2 REQD.
	3317 33101-3333	FOR ABOVE BRACE & 2 REQD. PLATE)
		·



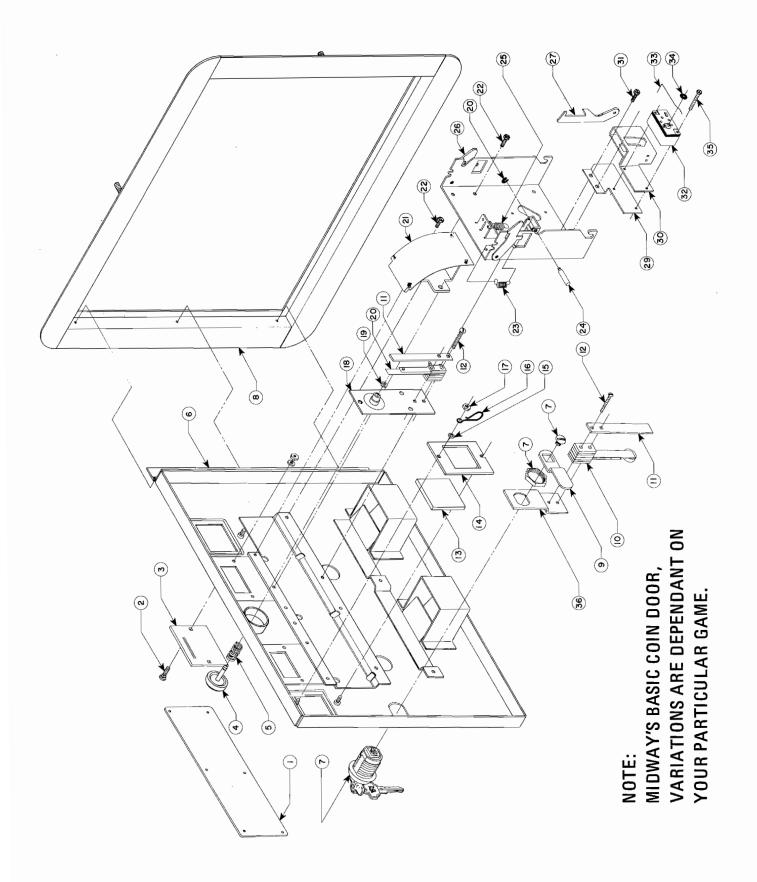
MIDWAY MFG. CO. A BALLY COMPANY

ITEM		DESCRIPTION DESCRIPTION
IIEM	PAKI NO.	DESCRIPTION
1	A653-00024-0000	PAN & HUB ASSY.
2	0040-00617-0000	D. C. MOTOR 12V, 16 R.P.M.
3	A653-00016-0000	MOTOR MOUNT ASSY.
4	A653-00012-0000	SUPPORT BRKT. ASSY.
5	0017-00101-0086	#8 x 5/16 SLT. HEX WASHER HD. S.M.S.
		(16 REQD.)
6	0010-00258-0000	3/4" LG. SPRING
7	0653-00701-0000	PULLEY - DRIVE
8	0017-00041-0051	DRIVE TIRE - 2" O.D. x 1-1/2" I.D. x 1/4"
9	0017-00101-0305	#6 - 32 x 3/8 SET SCREEN (4 REQD.)
10	A653-00017-0000	MOTOR PIVOT BRKT. & STUD ASSY.
11	0017-00100-0031	5/16 E - RING (2 REQD.)
12	0010-00254-0000	SPRING LENS RETAINER
13	0653-00900-0000	OBJECTIVE LENS
14	0653-00718-0000	LENS HOLDER
15	0017-00101-0085	#6 x 5/16 SLT. HEX WASHER HD. S.M.S.
		(12 REQD.)
16	A653-00013-0000	OBJECTIVE LENS MTG. ASSY.
17	0017-00101-0605	#8 - 32 x 3/8 THUMB SCREW M.S. (2 REQD.)
18	0017-00101-0596	#8 - 32 x 1/2 SLT. HEX HD. WASHER M.S.
		(5 REQD.)
19	0017-00103-0061	#8 - 32 HEX LOCK NUT (2 REQD.)
20	A653-00011-0000	CONDENSOR LENS ASSY.
21	A653-00023-0000	HEAT SHIELD & CONDENSOR LENS ASSY.
22	0067-011XX-XXFX	INDUCTOR - 125mh, .55A., 60HM
23	0017-00101-0599	#8 - 32 x 3/8 SLT. EXT. HEX M.S. S.E.M.S.
		(4 REQD.)
24	0017-00003-0237	PROJECTOR LAMP - 120V, 300W - CZA-CZB
25	A653-00070-0000	SOCKET & BRACKET ASSY.
26	0653-00188-0000	AIR DEFLECTOR
27	A653-00018-0000	HUB & SHAFT ASSY SCENERY DISC
28	0017-00104-0094	NYLON WASHER
29	0653-00921-0000	GEAR REWORK
30	A653-00055-0000	HUB & CAM ASSY 180°
31	0017-00101-0308	#8 - 32 x 3/16 SET SCREW (4 REQD.)
32	0017-00042-0093	NYLINER
33	A653-00064-0000	ENCODER & PINION ASSY.
34	0653-00172-0000	SWITCH BRACKET
35	A760-00044-0000	SWITCH ASSY.
36	0020-00202-0000	SWITCH PLATE
37	0017-00101-0527	#5 - 40 x 5/8 SLT. RD. HD. M.S. (2 REQD.)

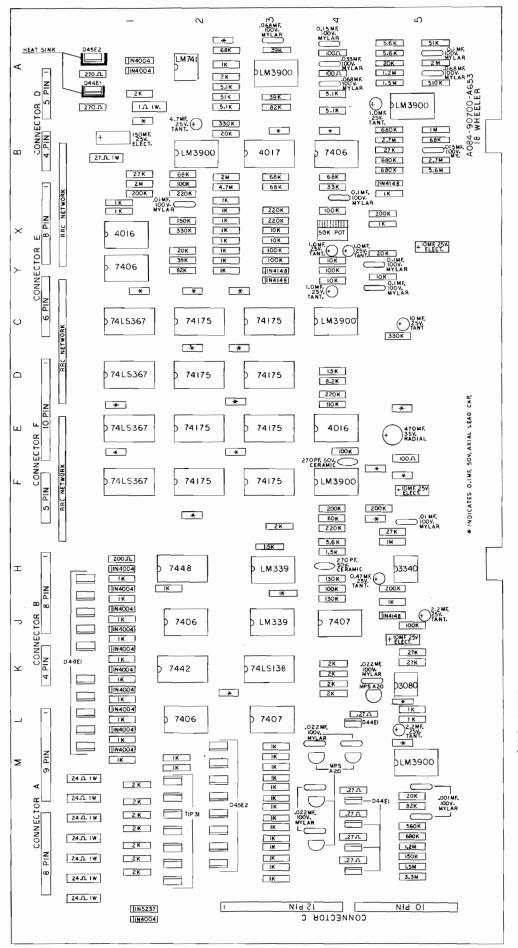
	ORDER BY PART NUMBER ONLY		
ITEM	PART NO.	DESCRIPTION	
38	0017-00009-0454	FAN - 10 BLADE - 4" DIA.	
39	0017-00003-0236	A. C. MOTOR 110V.	
40	0653-00129-0000	FAN MOTOR PLATFORM	
41	0017-00103-0005	#6 - 32 HEX NUT (2 REQD.)	
42	0017-00042-0204	PLASTIC SPACER (2 REQD.)	
43	0017-00101-0583	#6 - 32 x 1-1/4 SLT. RD. HD. M.S. (2 REQD.)	
44	0653-00717-0000	PIVOT ROD	
		NOT SHOWN LIST	
	0010-00257-0000	EXTENSION SPRING - BASE - 6-1/4" LG.	
]	A653-00020-0000	BEARING ASSY BASE	
1 1	A653-00021-0000	UPPER BEARING SUPPORT ASSY.	
	0653-00901-00SC	SCENERY DISC	
	0653-00142-0000	PROJECTOR LIGHT SHROUD	
	0653-00138-0000	PROJECTOR SHROUD CAP	
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NO. 653 — 18 WHEELER — ADDITIONAL PARTS LIST

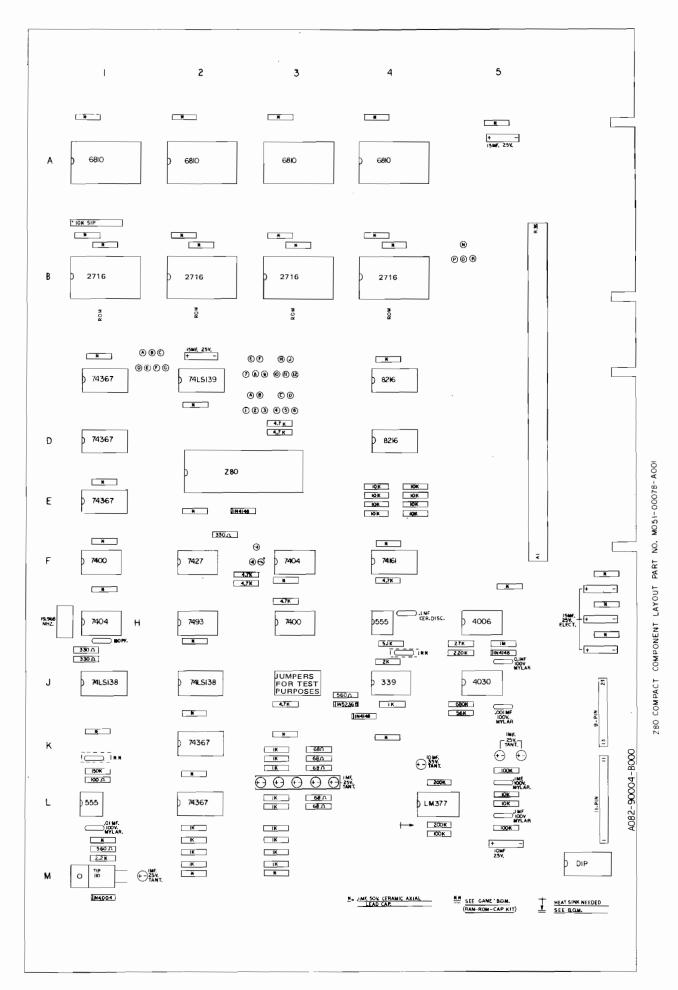
ITEM	PART NO.	DESCRIPTION
	A 007 00004 0000	
	A097-00001-0000	LOCK ASSY. (1 UPPER, 1 LOWER)
	0618-00117-00ZN	VENT SCREEN (1 UPPER, 1 LOWER)
	0050 00400 0000	NEXT FOUR ITEMS FOR 1ST 250 GAMES
	0653-00139-0000	COIN BOX
	A653-00026-0000	COIN BOX COVER ASSY.
	A653-00025-0000	COIN BOX GUIDE BRACKET ASSY.
	0653-00117-0000	COIN BOX GUIDE BRACKET
	A CEO 000CO 0000	NEXT FOUR ITEMS AFTER THE 250TH GAME
	A653-00068-0000	COIN BOX ASSY.
	A653-00069-0000	COIN BOX COVER ASSY.
	0653-00182-0000	COIN BOX SIDE CHANNEL
	0653-00183-0000	COIN BOX COVER
	0017-00101-0642	#8 - 32 x 1-1/2" CARRIAGE BOLTS (4 REQD.)
	0017-00003-0225	SAFETY INTERLOCK SWITCH
	0625-00133-0000	SWITCH BRACKET
	0017-00101-0025	#8 x 1/2" HEX HD. W/W S.M.S. (2 REQD.)
	A653-00022-0000	COIN DROP CHUTE ASSY.
	A084-90700-A653	GAME LOGIC BOARD ASSY.
	A084-90004-B653	MOTHER BOARD ASSY Z80 COMPACT
	A653-00065-0000	TRANSFORMER BOARD ASSY.
	A084-90406-C760	POWER SUPPLY ASSY.
	A084-91334-A653	SENSOR P.C. BOARD ASSY. (TRUCK)
	0653-00141-0000	SENSOR P.C. ADJ. & SUPPORT BRKT.
l	0624-00902-0100	P.C. SUPPORT BRACKET - 12" (3 REQD.)
	0624-00902-0300	P.C. SUPPORT BRACKET - 2-1/2" (4 REQD.)
ŀ	0653-00920-0000	BLACK SHIELD 16 x 28-7/8 - UNDER
	00-0 00000 0000	CONTROL SHELF
	0653-00922-0000	INSULATOR 9 x 5-1/2" - TRANSFORMER
	0653-00923-0000	INSULATOR 3 x 3-3/4" - SENSOR P.C.
		TRANSFORMER ASSY.
	MT00-00075-0000	TRANSFORMER 120V, 60 CYCLE
	0720-00001-0300	FUSE BLOCK
	0017-00003-0006	FUSE - 3A
	0017-00003-0169	FUSE - 5A
	0017-00003-0064	LINE CORD

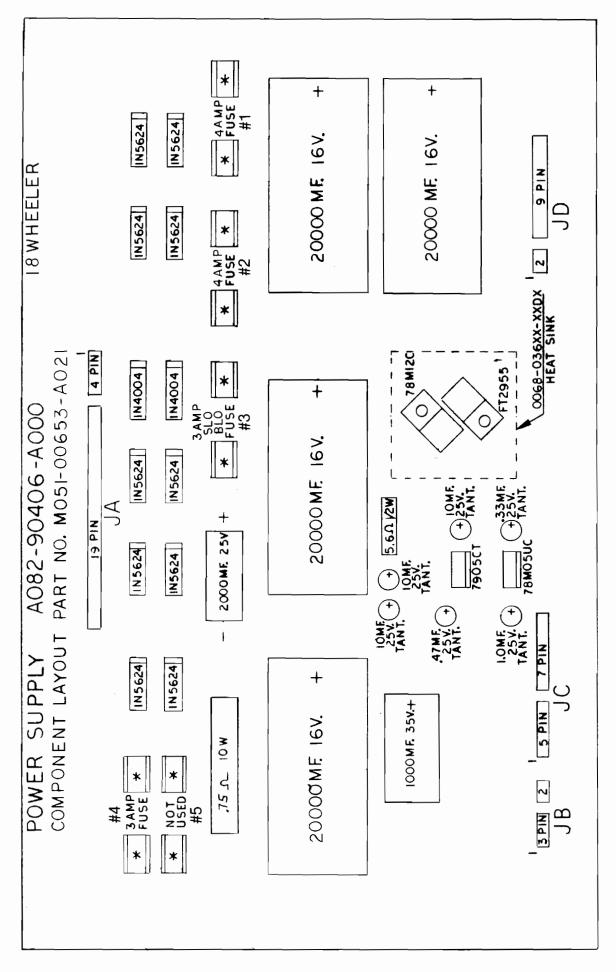


	ONDER BY PART NUMBER ONLY			
ITEM	PART NO.	DESCRIPTION		
1	0090-00902-0000	DRESS PLATE		
	0090-00902-0100	DRESS PLATE (W/O PRESS BUTTON TO		
		START GAME)		
2	0017-00101-0552	#6 - 32 x 1/4 CARRIAGE BOLT (2)		
3	0090-00117-03XF	COIN ENTRY PLATE (25¢)		
4	0090-00906-0000	PLASTIC START BUTTON		
5	0010-00007-0000	COMPRESSION SPRING		
6	0090-00013-0200	DOOR ASSY. DOUBLE ENTRY		
7	0017-00005-0050	DOOR LOCK & KEY WITH SCREW & NUT		
8	0090-00002-02BR	DOUBLE DOOR FRAME		
9	0017-00005-0041	421 N.S. CAM		
10	0090-00901-0000	DOOR SWITCH		
11	0090-00126-01XF	SWITCH BACKUP PLATE		
12	0017-00101-0528	#5 - 40 x 3/4'' LNG. M.S.		
13	0090-00903-0040	25¢ WINDOW		
14	0090-00143-0000	COIN PLEX RETAINER		
15	0017-00104-0002	SPLIT LOCK WASHER		
16	0017-00007-0019	KEY HOOK		
17	0017-00103-0005	#6 - 32 HEX NUT		
18	0090-00010-0000	SW. PLATE & OILLITE ASSY.		
19	0017-00100-0018	"E" RING		
20	0090-00131-0000	SWITCH		
21	0090-00104-0000	TOP & BTM. COIN CHUT W/BRKT. ASSY.		
22	0017-00101-0598	#8 - 32 x 5/16 SCREW		
23	0010-00181-0100	SPRING		
24	0090-00129-00XF	PIVOT POST		
25	0010-00134-0000	SPRING		
26	0090-00008-0000	ACCEPTOR FRAME ASSY.		
27	0093-00155-00XF	REJECTOR LEVER		
28	0017-00100-0012	"E" RING		
29	0093-00151-00XF	COIN GUIDE MTG. BRACKET		
30	0090-00005-0000	COIN GUIDE ASSY.		
31	0017-00101-0555	#6 - 32 x 5/16 SCREW		
32	0017-00005-0039	COIN SWITCH		
33	0010-00557-2500	TRIP WIRE		
34	0017-00007-0132	PUSH-ON RING (BIK)		
35	0017-00101-0507	#4 - 36 x 3/4 SCREW		
36	0090-00128-00XF	SWITCH BRKT DOOR TILT		

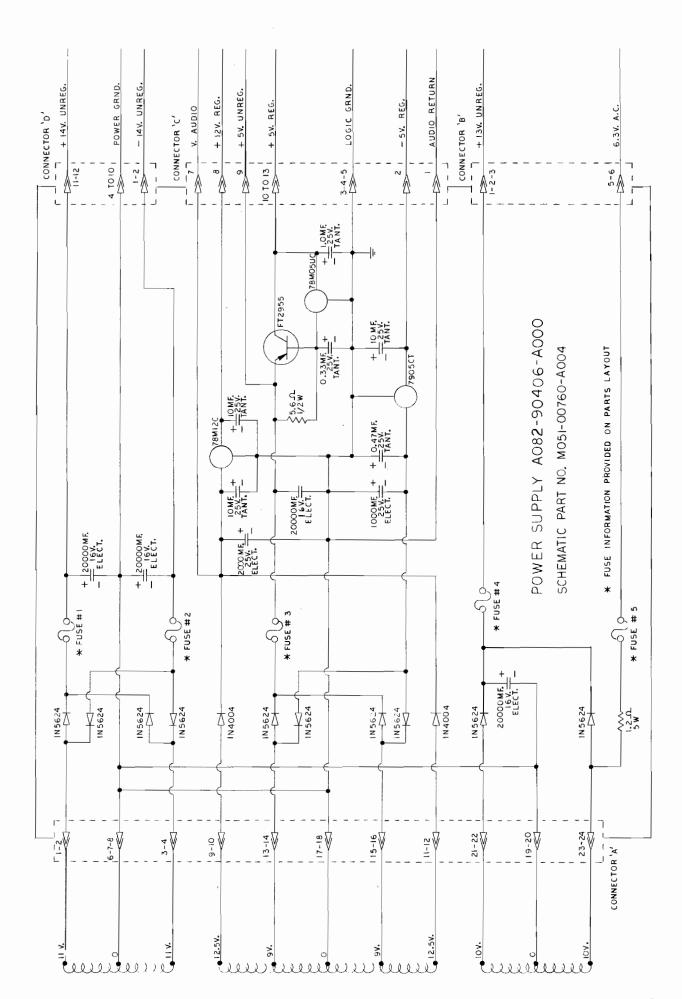


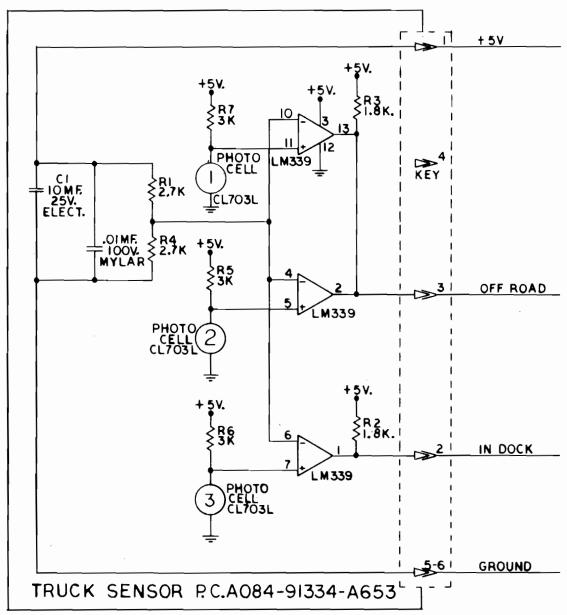
GAME LOGIC COMPONENT LAYOUT PART NO. MOSI-00653-A003



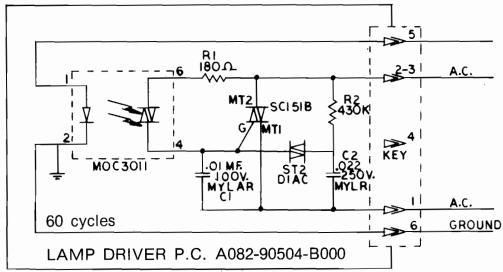


* DENOTES FUSE CLIP

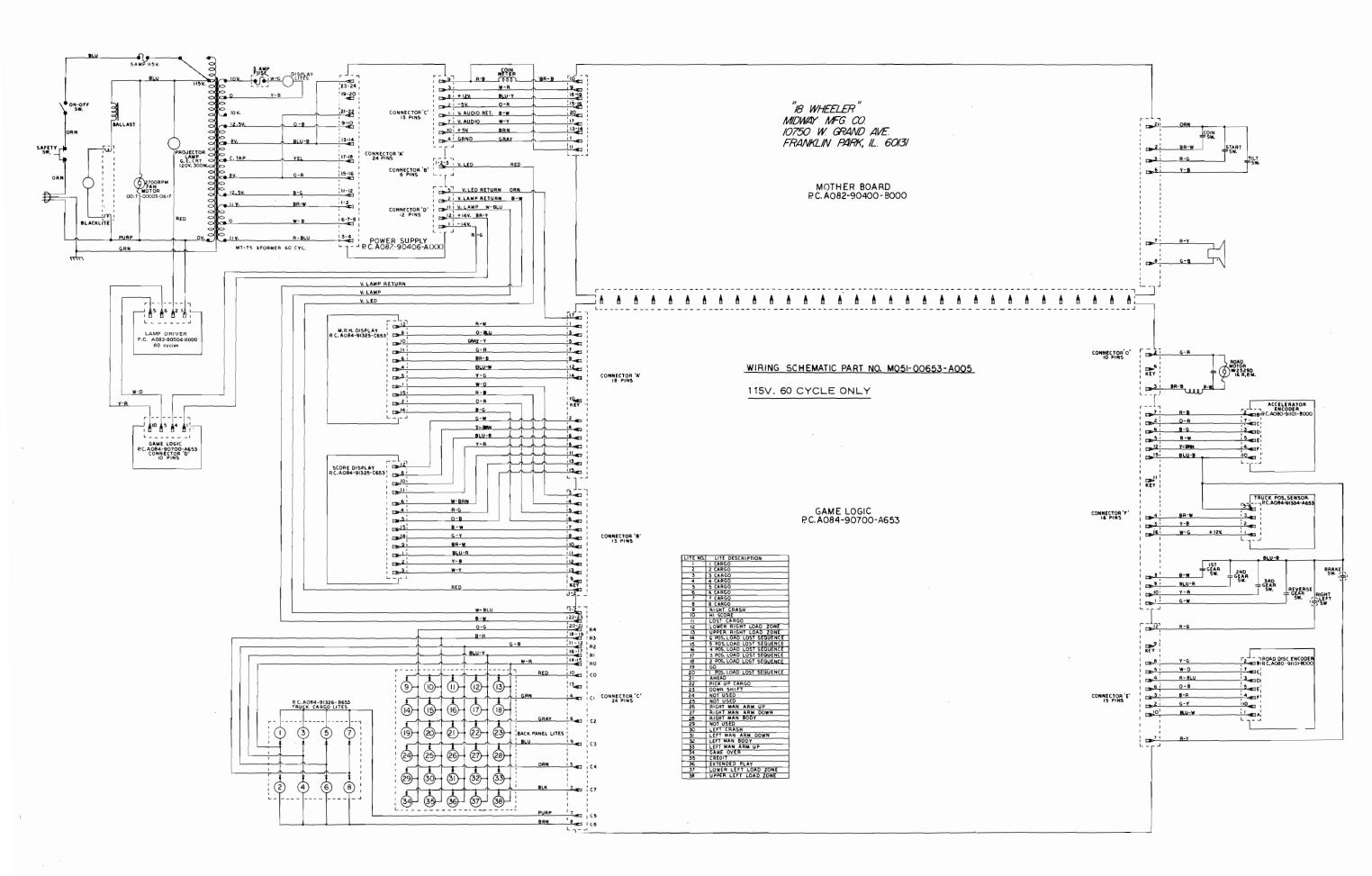


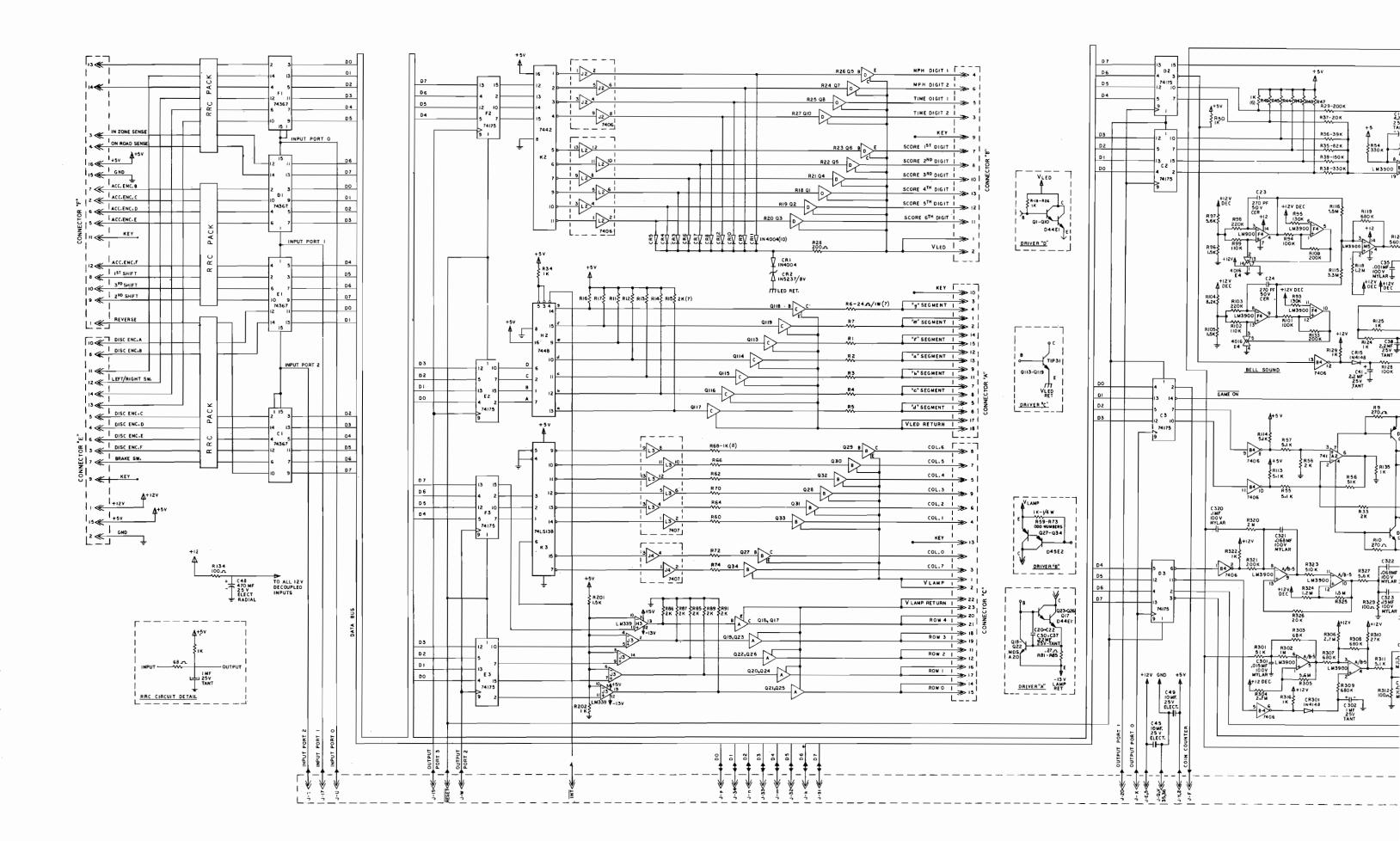


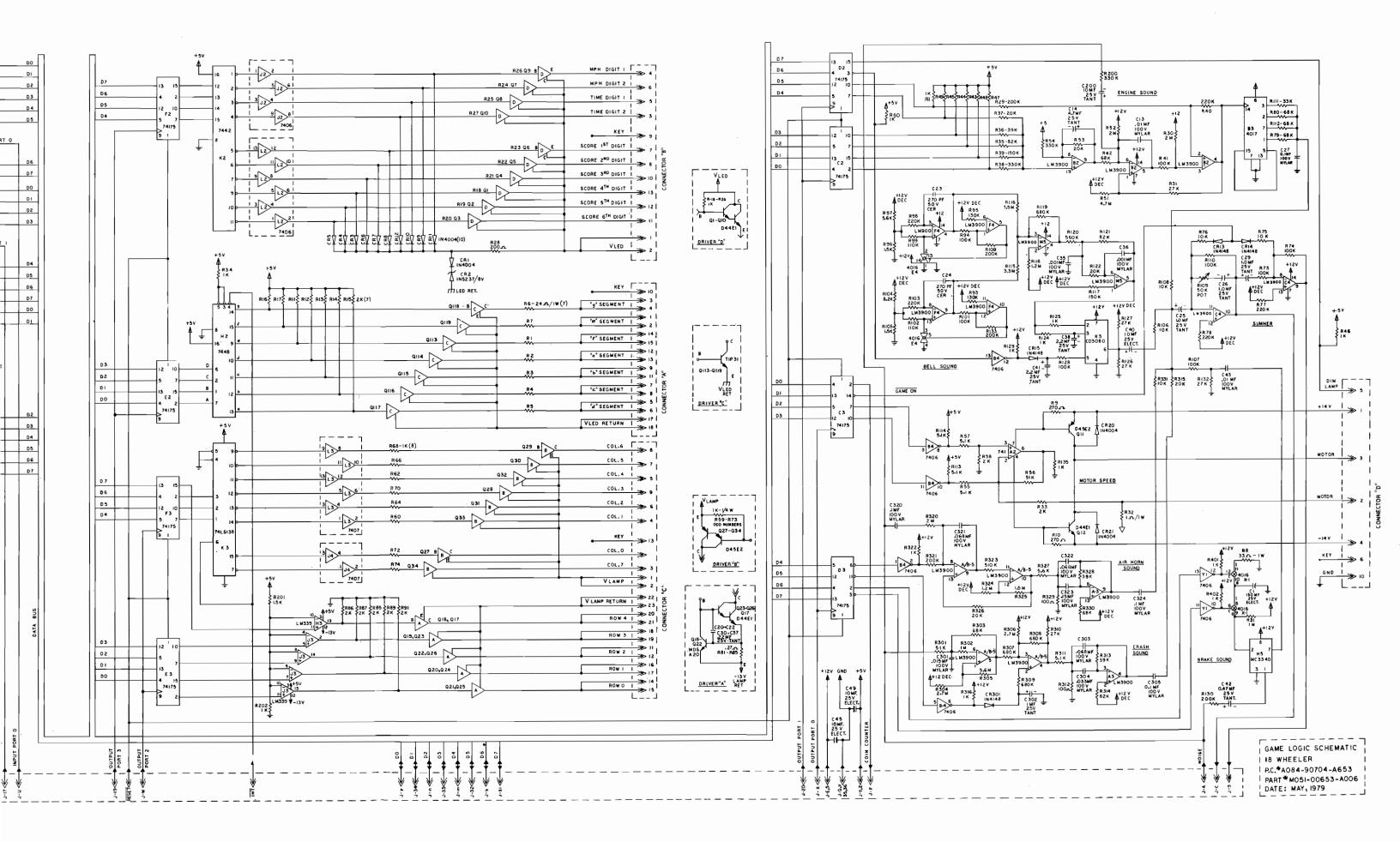
SCHEMATIC PART NO. MOSI-00653-A024

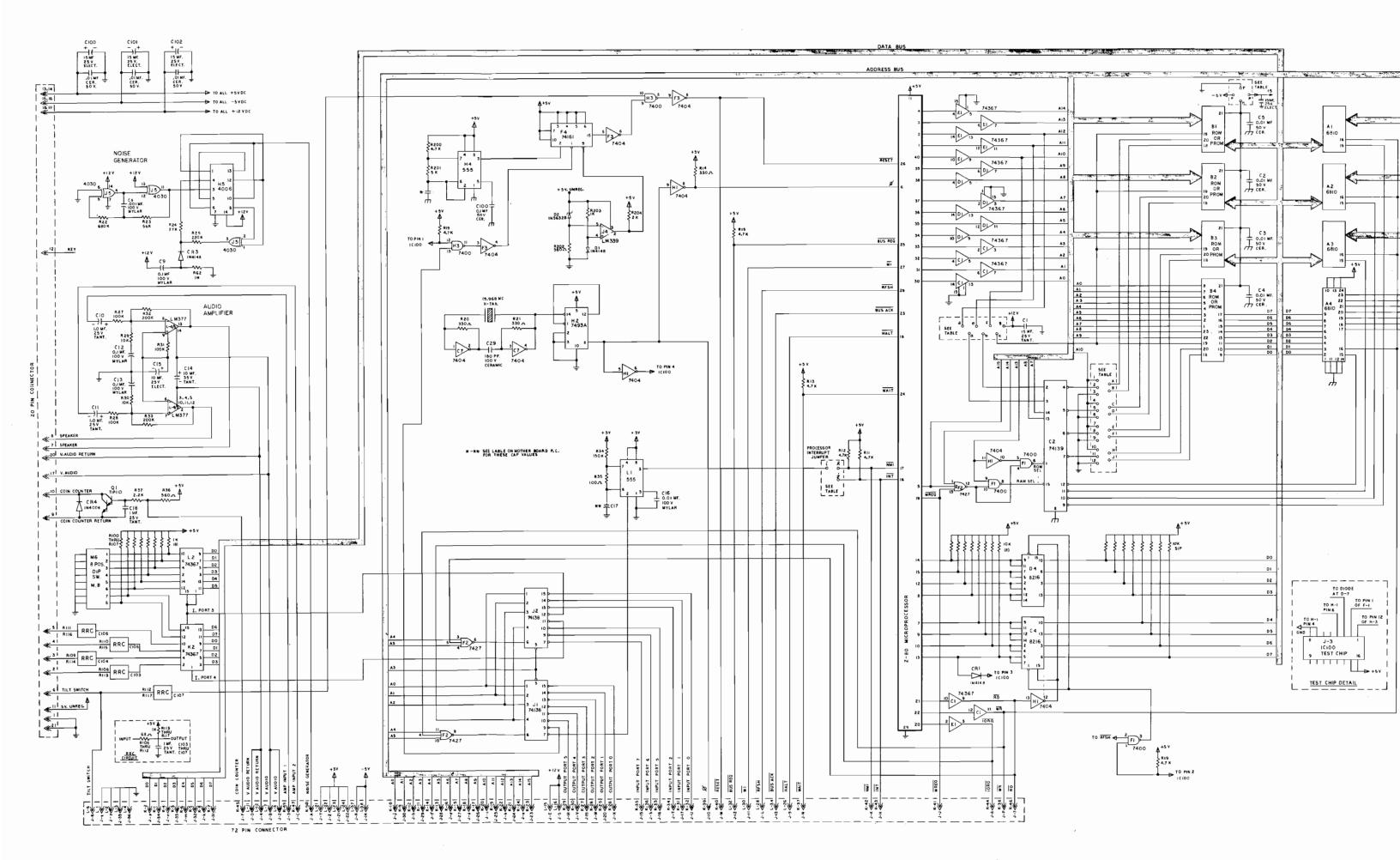


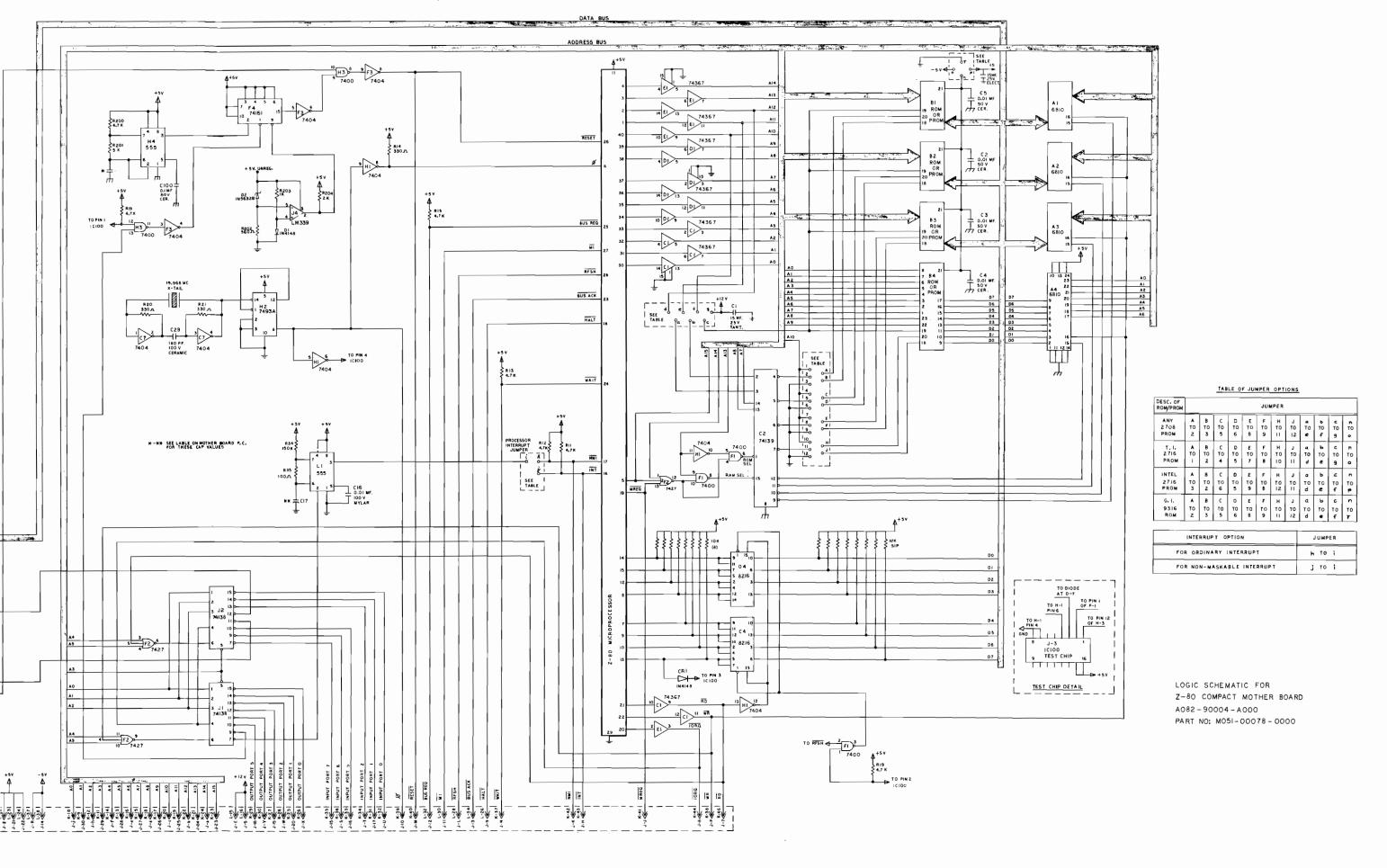
SCHEMATIC PART NO. MOSI-00653-A025

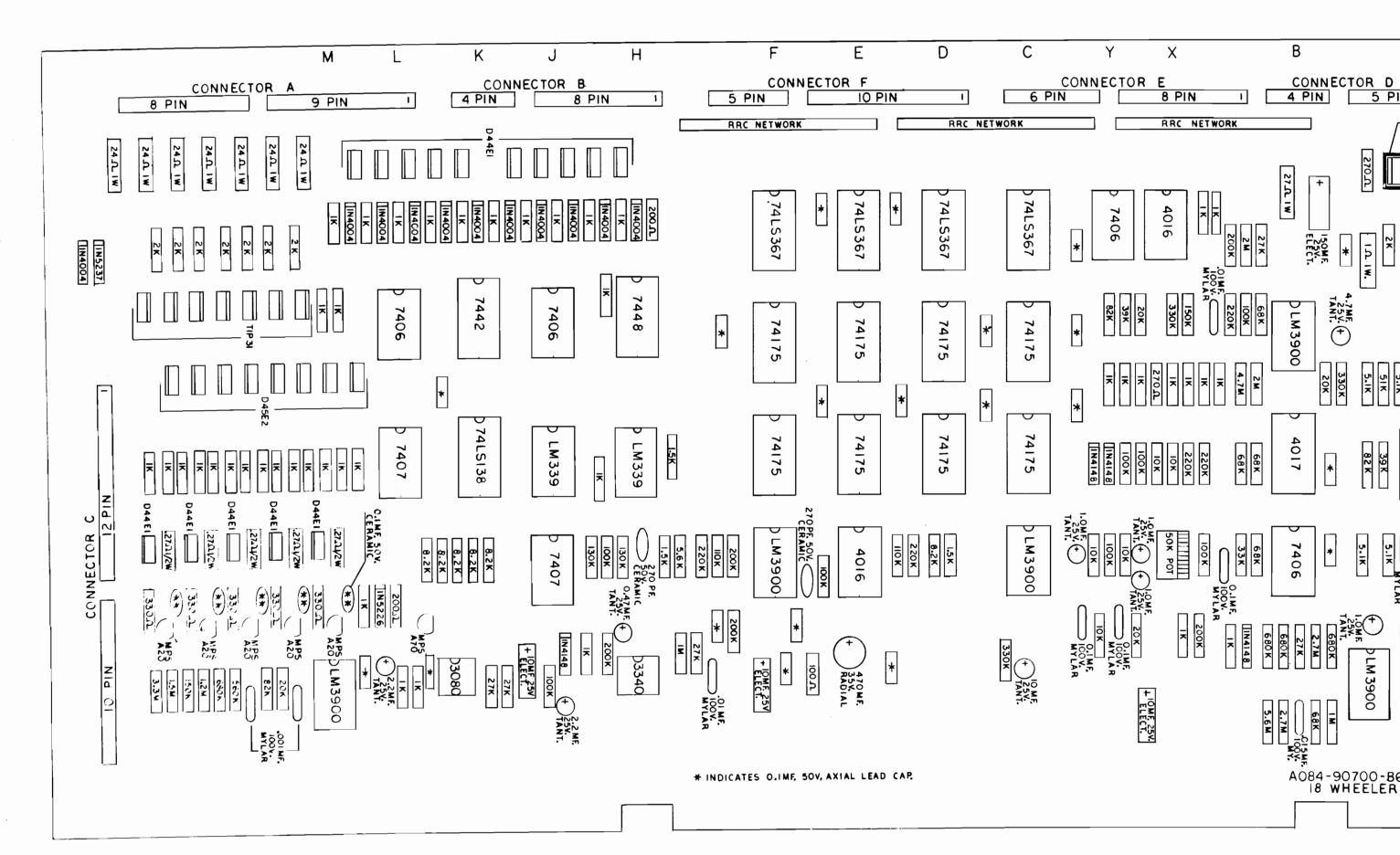








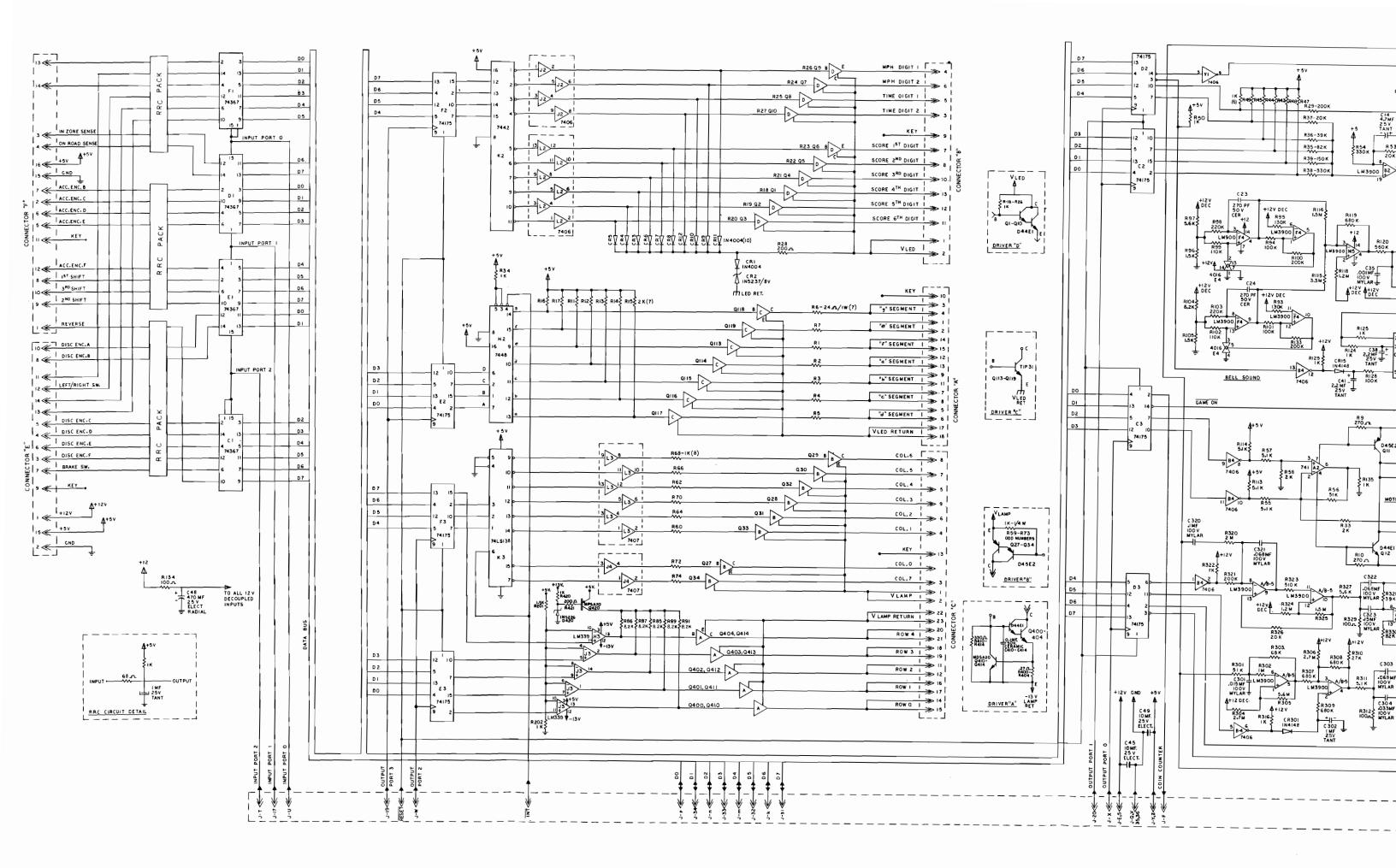


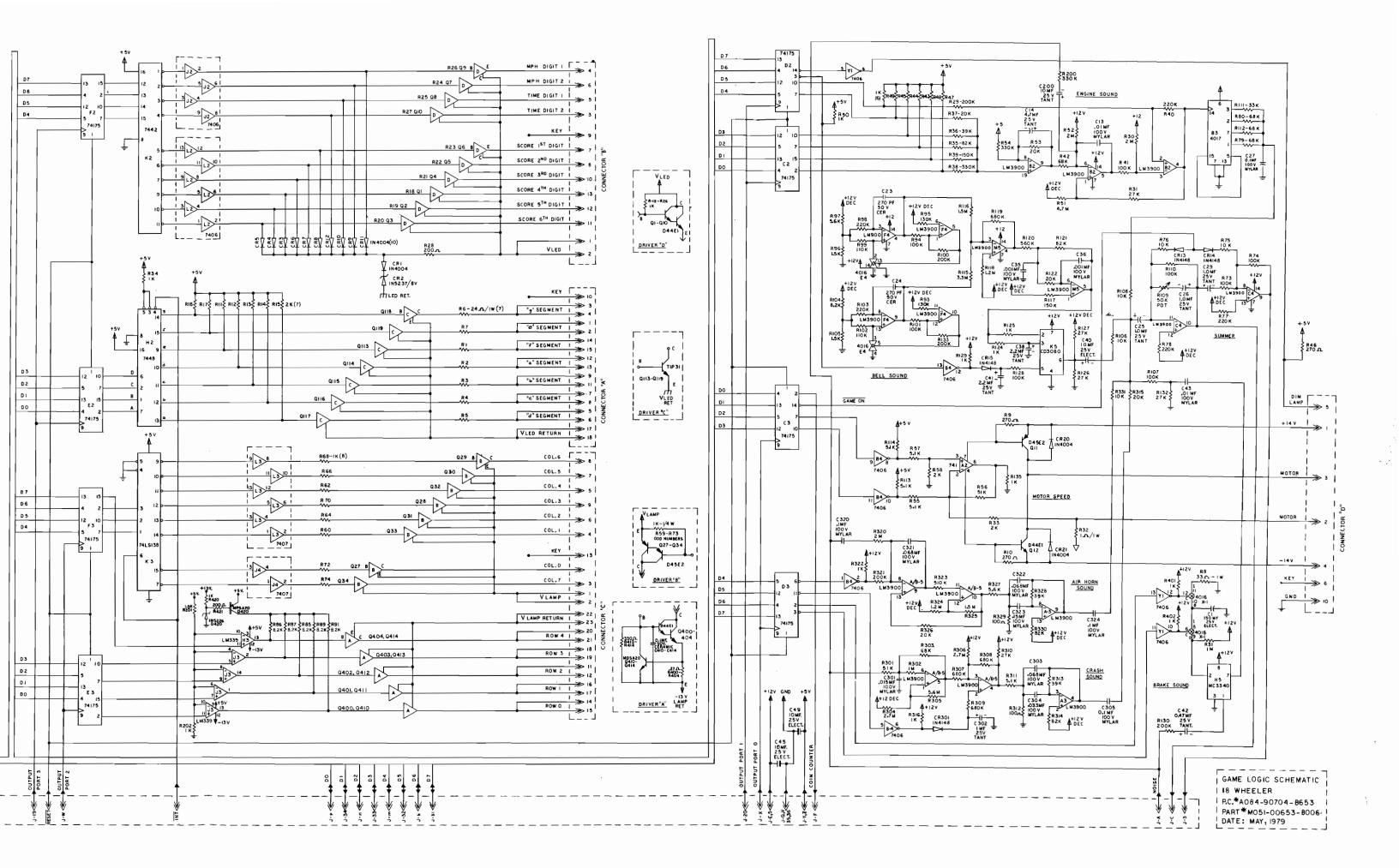


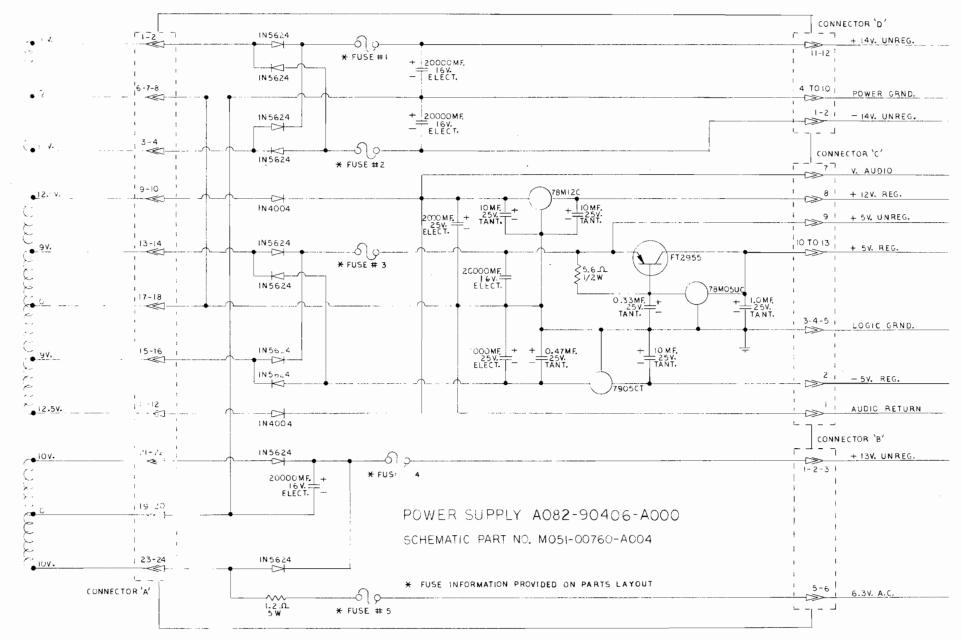
GAME LOGIC COMPONENT LAYOUT PART NO. MO51-00653-B003

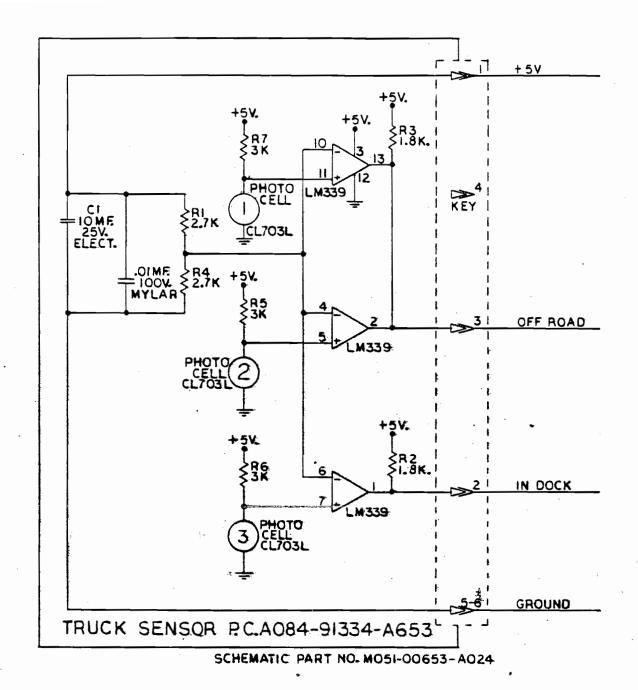


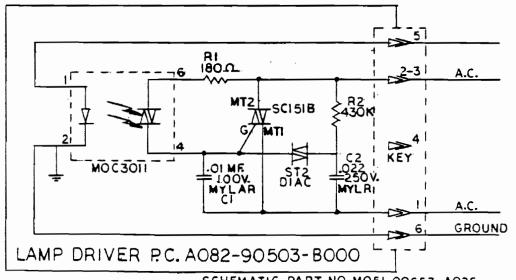
GAME LOGIC COMPONENT LAYOUT PART NO. MOSI-00653-B003



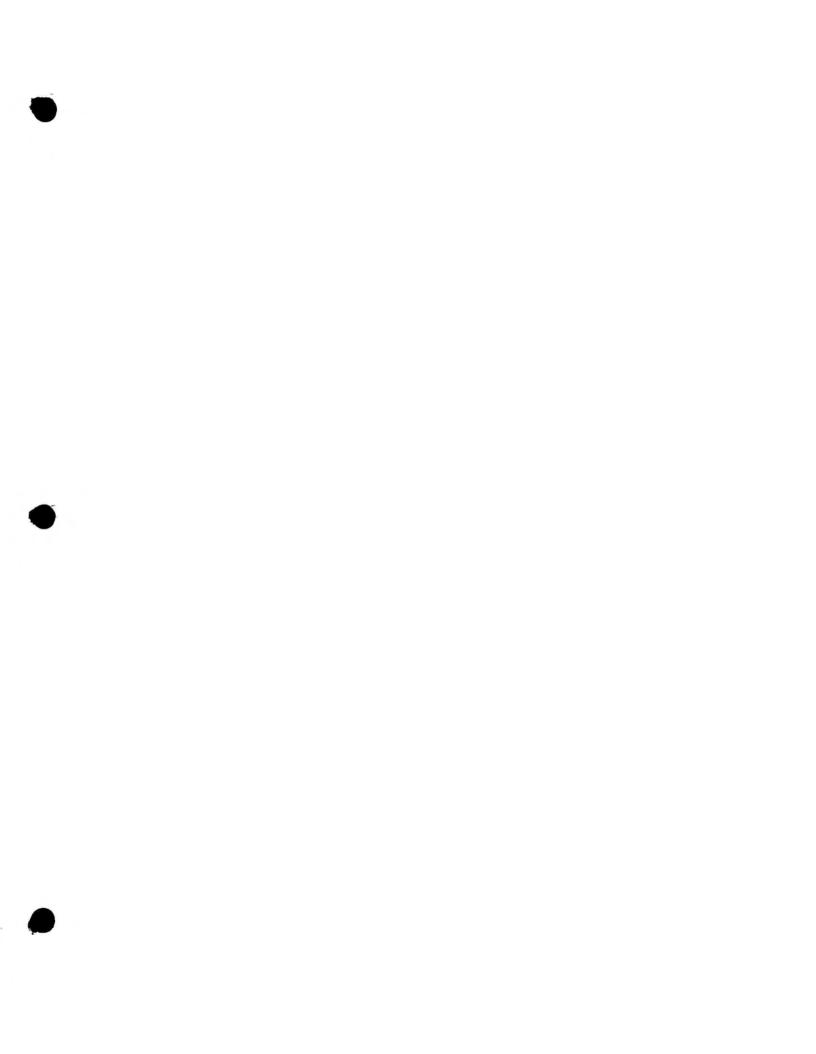








SCHEMATIC PART NO. MOSI-00653-A025



EXTENDED PLAY AWARDED AT 10,000 POINTS EXTENDED PLAY AWARDED AT 4.000 POINTS EXTENDED PLAY AWARDED AT 6.000 POINTS EXTENDED PLAY AWARDED AT 8.000 POINTS EXTENDED PLAY AWARDED AT 9.000 POINTS EXTENDED PLAY AWARDED AT 10,000 POINTS **EXTENDED PLAY AWARDED AT 12,000 POINTS** EXTENDED PLAY AWARDED AT 15,000 POINTS **EXTENDED PLAY AWARDED AT 16,000 POINTS EXTENDED PLAY AWARDED AT 20,000 POINTS**