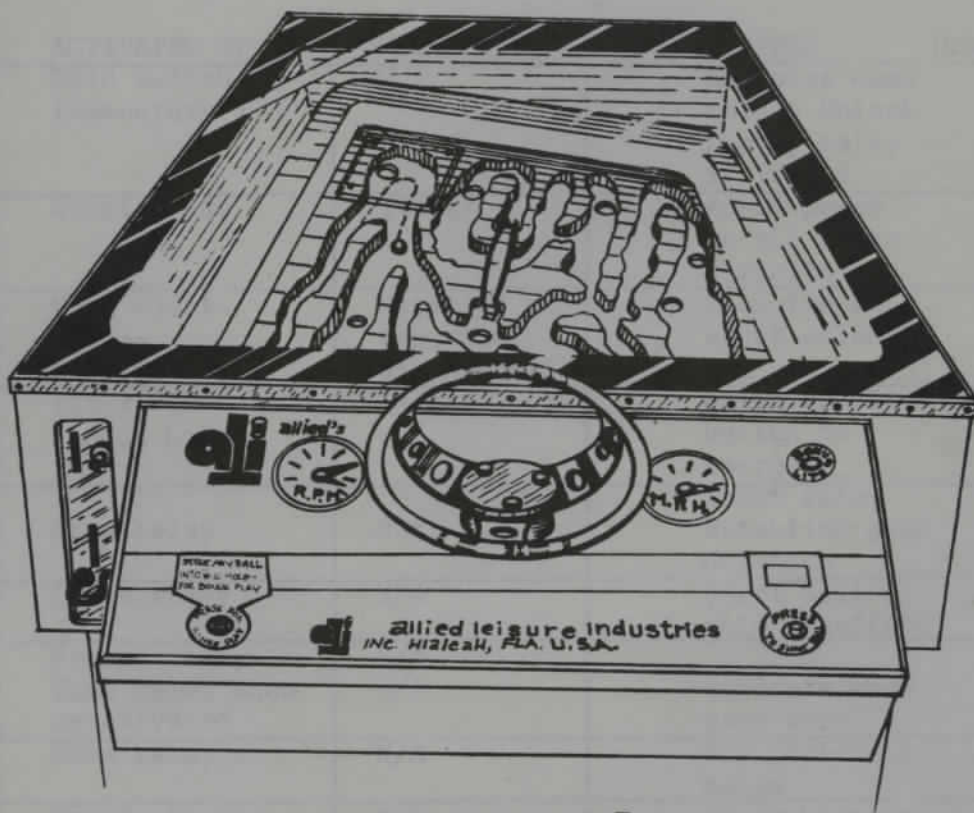


Allied's

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Instruction Cataloge
\$ 5.00 each.
DALE DISTRIBUTING LTD.

Monte Carlo

OPERATING
INSTRUCTIONS



PARTS
& CATALOG

267-10-12

ALLIED LEISURE INDUSTRIES INC.
245 WEST 74TH PLACE
HIALEAH, FLORIDA 33010

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THEORY OF OPERATION

- Coin switch activates START RELAY momentarily.
- START RELAY energizes GAME RELAY which locks itself thru a contact of the TIMER RELAY and the TILT switch (optional).
- GAME RELAY applies power to the TIMER RELAY. The sound effects, replay circuit, and the ball eject capacitor; it also turns off the game over lamp and turns on the sound effects lamp located in the throttle.
- The BALL EJECT RELAY may now be pulsed by depressing the ball eject button; the BALL EJECT RELAY applies power to the BALL EJECT SOLENOID which ejects a ball unto the playfield thereby starting the play.
- If the player is able to steer a ball into the bonus hole, the ball will activate the playfield switch which will energize the REPLAY RELAY; this relay locks itself thru a contact in the START RELAY.
- This condition will exist until the timer relay energizes momentarily at the end of a pre-set time period. This will unlock the GAME RELAY thereby ending the game.
- If the player achieved a free game (see section #5), this will be indicated by the bonus light, pushing the bonus button will energize the START RELAY thru a contact in the REPLAY RELAY. The START RELAY will then unlock the REPLAY RELAY. The START RELAY will energize the GAME RELAY and begin a new game (see section #2)

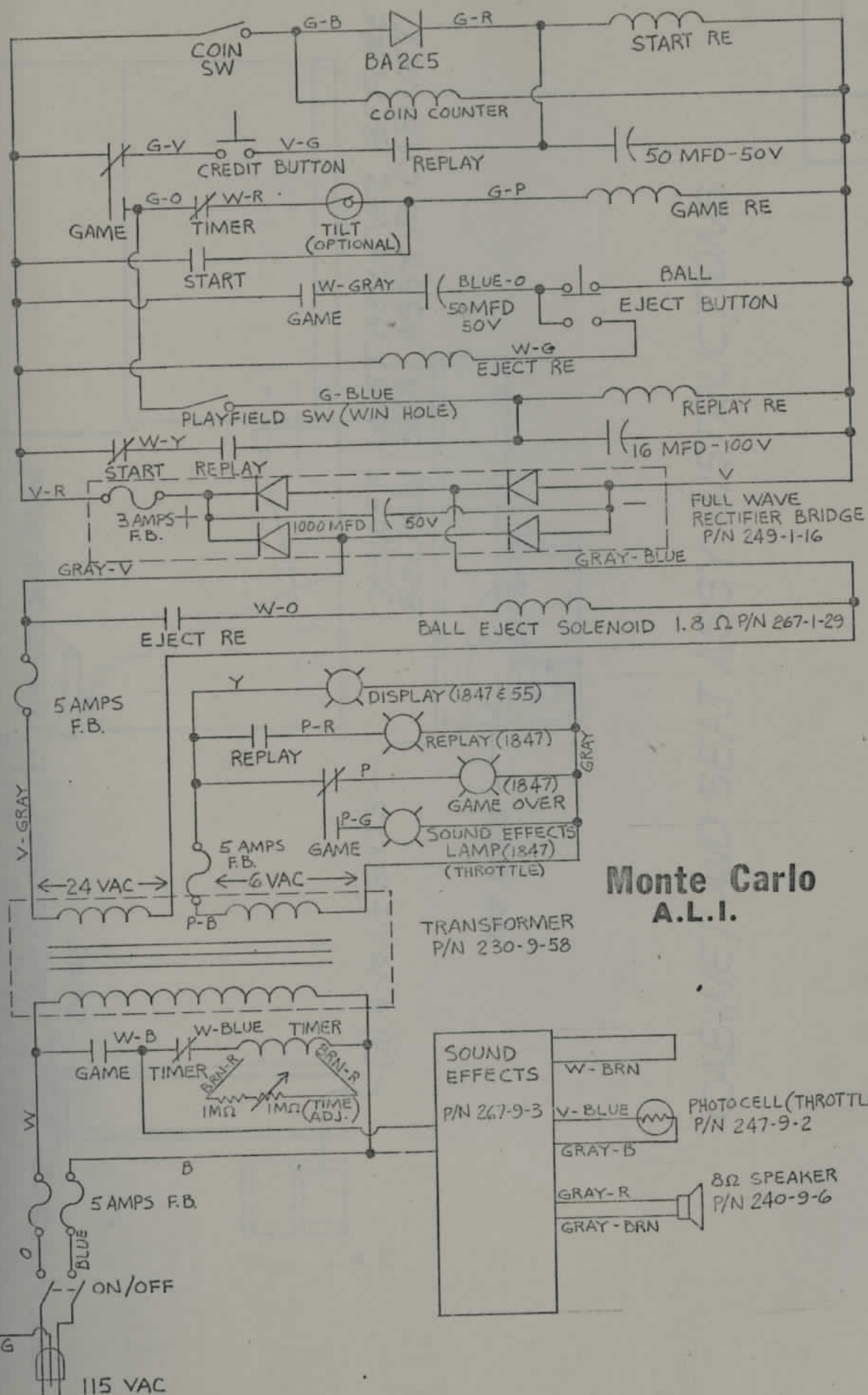
TIME ADJUSTMENT:

This adjustment is located in the upper rear portion of the relay board.
Turning the blue knob will vary the duration of the game.

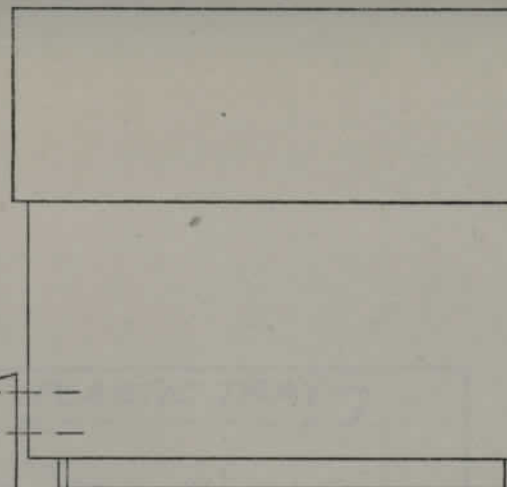
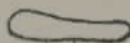
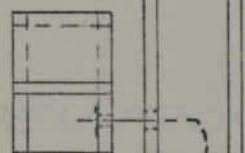
MONTE CARLO

COMPONENT OPERATION

COMPONENT	ACTIVATED BY	HELD IN BY	PURPOSE	DEACTIVATED BY
Start relay	Coin switch (momentary)	Not	Energize game relay. Unlock replay relay if locked	Coin switch (Delayed drop out due to capacitor)
Game relay	Start relay	Itself	Apply power to all other circuits	Timer relay or tilt switch (optional)
Eject relay	Ball eject button	Duration of capacitor discharge	Energize Ball eject solenoid	
Replay Relay	Playfield switch (bonus hole)	Itself	Allow credit button to energize	Start relay (delayed drop out due to capacitor)
Timer relay	Game relay	Not	Start relay Establish game duration	Itself and game relay
Ball eject solenoid	Eject relay	N/A	Eject ball unto playfield	Eject relay
Replay lamp Game over lamp	Replay relay Game relay when deactivated	N/A N/A	Indicate when game over	Replay relay Game relay
Sound effects lamp	Game relay	N/A	See photocell below	Game relay
Photocell	Sound effects	N/A	In combination with above lamp; varies eng. sound acc. to throttle pos.	Sound effects
Sound effects Tilt switch (optional)	Game relay Cabinet Tilt	N/A N/A	Engine sound Deactivate Game relay	Game relay Cabinet Tilt



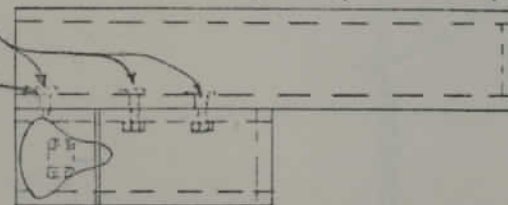
TEE NUTS → (4) 1/4"-20 x 1 1/2" BOLTS
FASTEN SEAT TO TEE NUTS IN BASE
BASE



(3) 1/4"-20 x 1 1/2" BOLTS

CABINET MUST BE LEVEL BEFORE
BOLTING SEAT ASSY. TO CABINET

TEE NUTS



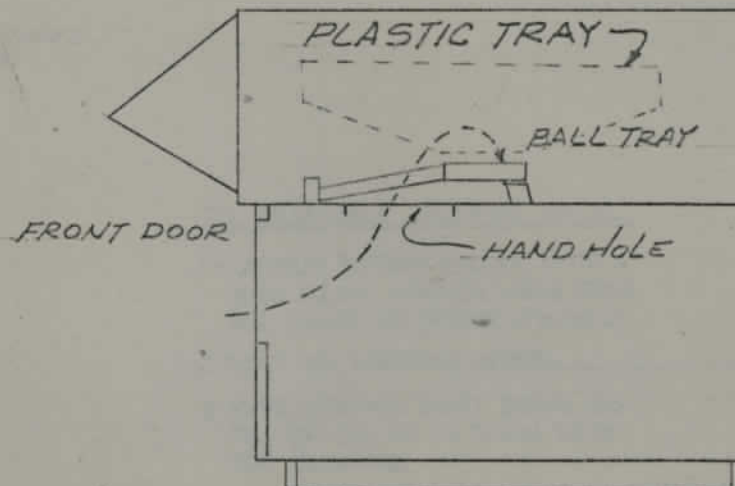
CABINET AND SEAT ASSY. INSTRUCTIONS

QTY.	ASSEM. ON.

REVISION LETTER	REVISION	BY	TOLERANCES		ALLIED LEISURE INDUSTRIES INC.			
			UNLESS OTHERWISE SPECIFIED		HIALEAH, FLORIDA			
D			FRACTIONS	± .005	NAME CABINET AND SEAT ASSY. INSTRUCTIONS			
C			DECIMALS	± .002				
B			HOLES	± .002	MAT'L'S		HEAT TREAT.	FINISH
A			ANGLES	± .000	OWN. R.P.		DATE 12-10-74	PART NO. 267-10-17
				1/2°	APP'D. Q		SCALE	

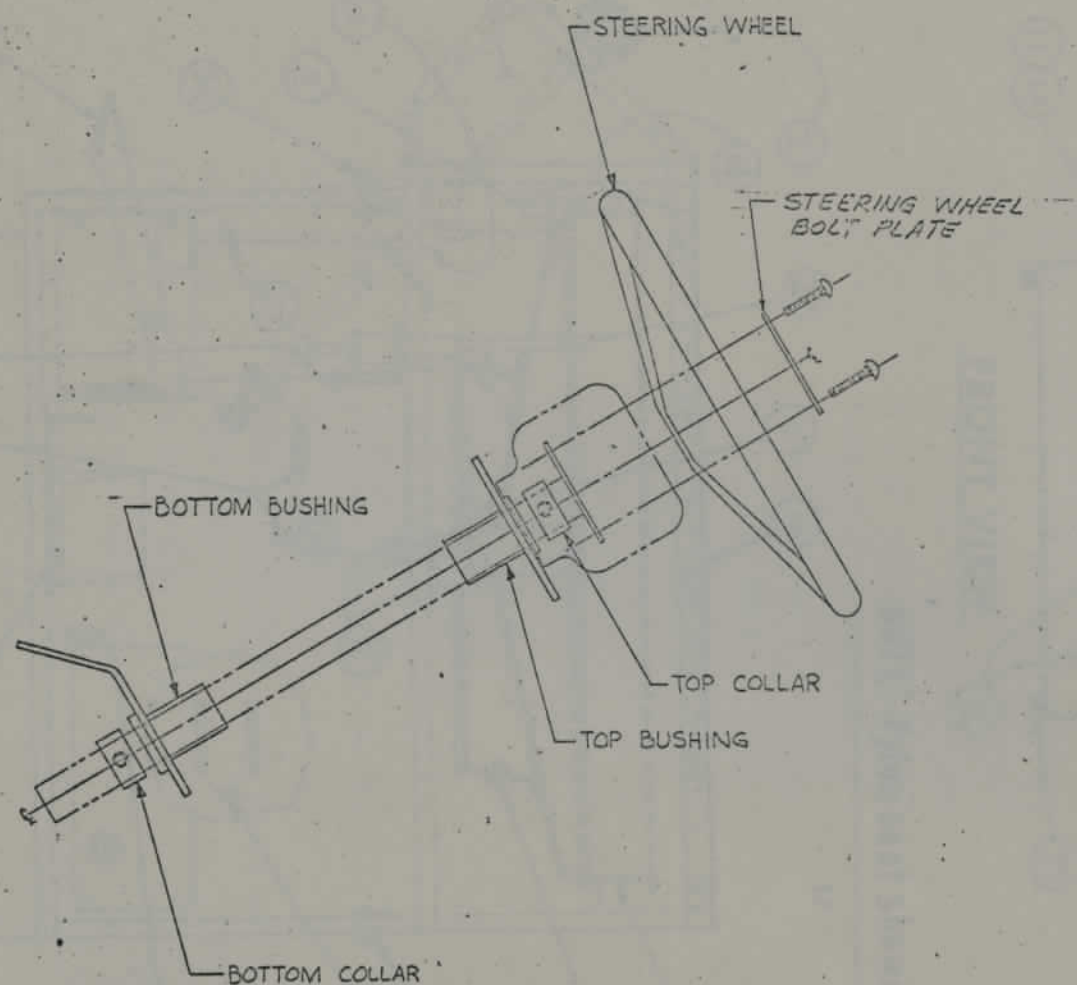
NOTE:

1. OPEN FRONT DOOR
2. PUT HAND UP THROUGH FIRST HAND HOLE
3. INSERT (3) BALLS IN BALL TRAY



BALL INSTALLATION INSTRUCTIONS

				QTY.		ASSEM. ON.	
D			TOLERANCES		ALLIED LEISURE INDUSTRIES INC. HIALEAH, FLORIDA		
C			UNLESS OTHERWISE SPECIFIED				
B			FRACTIONS	+	.005	NAME BALL INSTALLATION INSTRUCTIONS	
A			DECIMALS	+	.002		
			HOLES	-	.000	MATERIALS HEAT TREAT. FINISH	
REVISION LETTER	REVISION	BY	ANGLES	+	1/2°		
			DWN.	APP'D.	DATE	SCALE	PART NO.
			R.P.	[Signature]	12-10-74	—	267-10-18



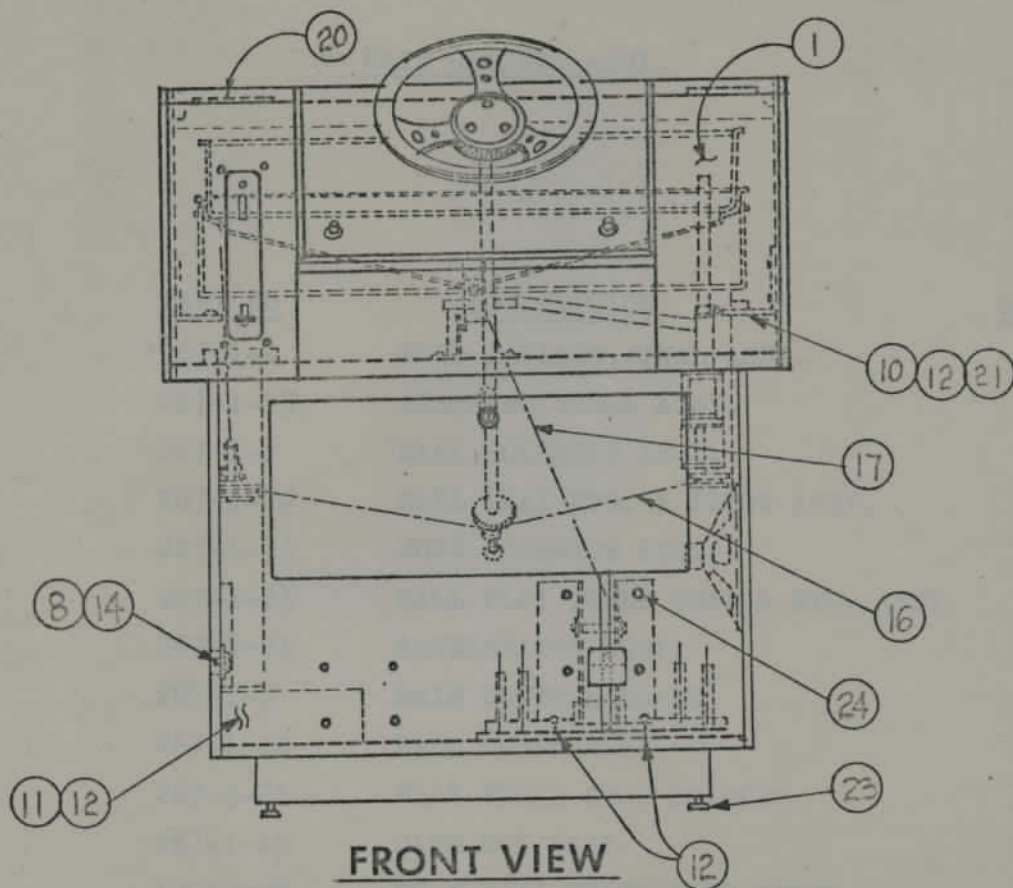
TO ASSEMBLE STEERING WHEEL

- 1- LOOSEN BOTTOM COLLAR WITH A $\frac{1}{4}$ -28 ALLEN WRENCH. MOVE STEERING SHAFT UP (APPROX. 4" INCHES)
- 2- BOLT ON STEERING WHEEL
- 3- MOVE STEERING SHAFT DOWN UNTIL TOP COLLAR IS FLUSH WITH TOP BUSHING.
- 4- TIGHTEN BOTTOM COLLAR FLUSH WITH BOTTOM BUSHING.

NOTE:

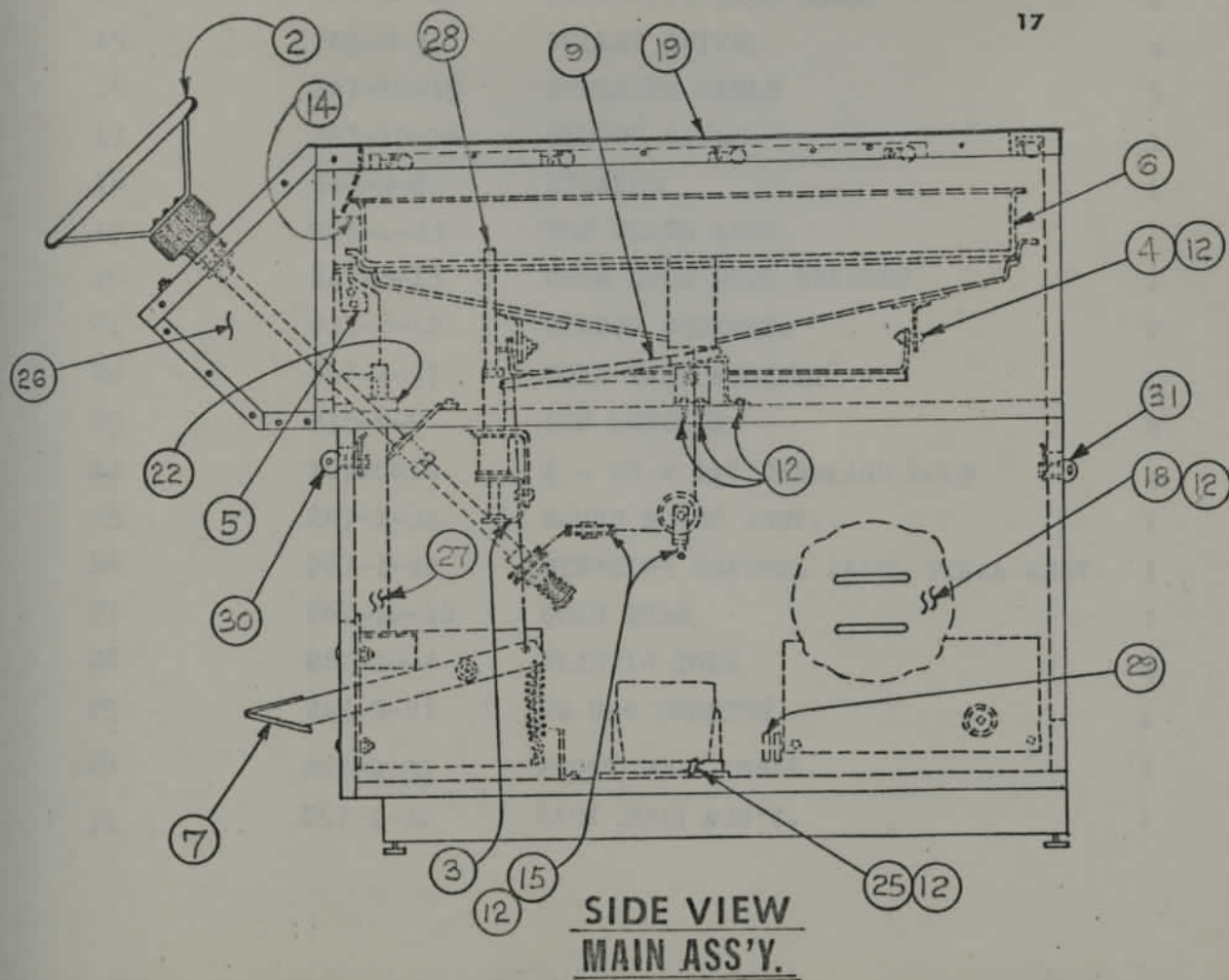
STEERING WHEEL INSIDE CABINET

			TOLERANCES		ALLIED LEISURE INDUSTRIES INC.			
			UNLESS OTHERWISE SPECIFIED		1740 W. 8TH AVENUE MIAMI, FLORIDA 33130			
			FRACTIONS	D.	1/64	NAME		
			DECIMALS	=	.01	STEERING WHEEL INSTRUCTION		
			DECIMALS	=	.003	MATERIAL		
			Holes	=	.002	HEAT TREAT		
			Holes	=	.000	FINISH		
			Holes	=	.010			
REV.	REVISION	BY			DATE	SCALE	DATE	FILE
1					12/16/11	1/2"	2-7-10-12	



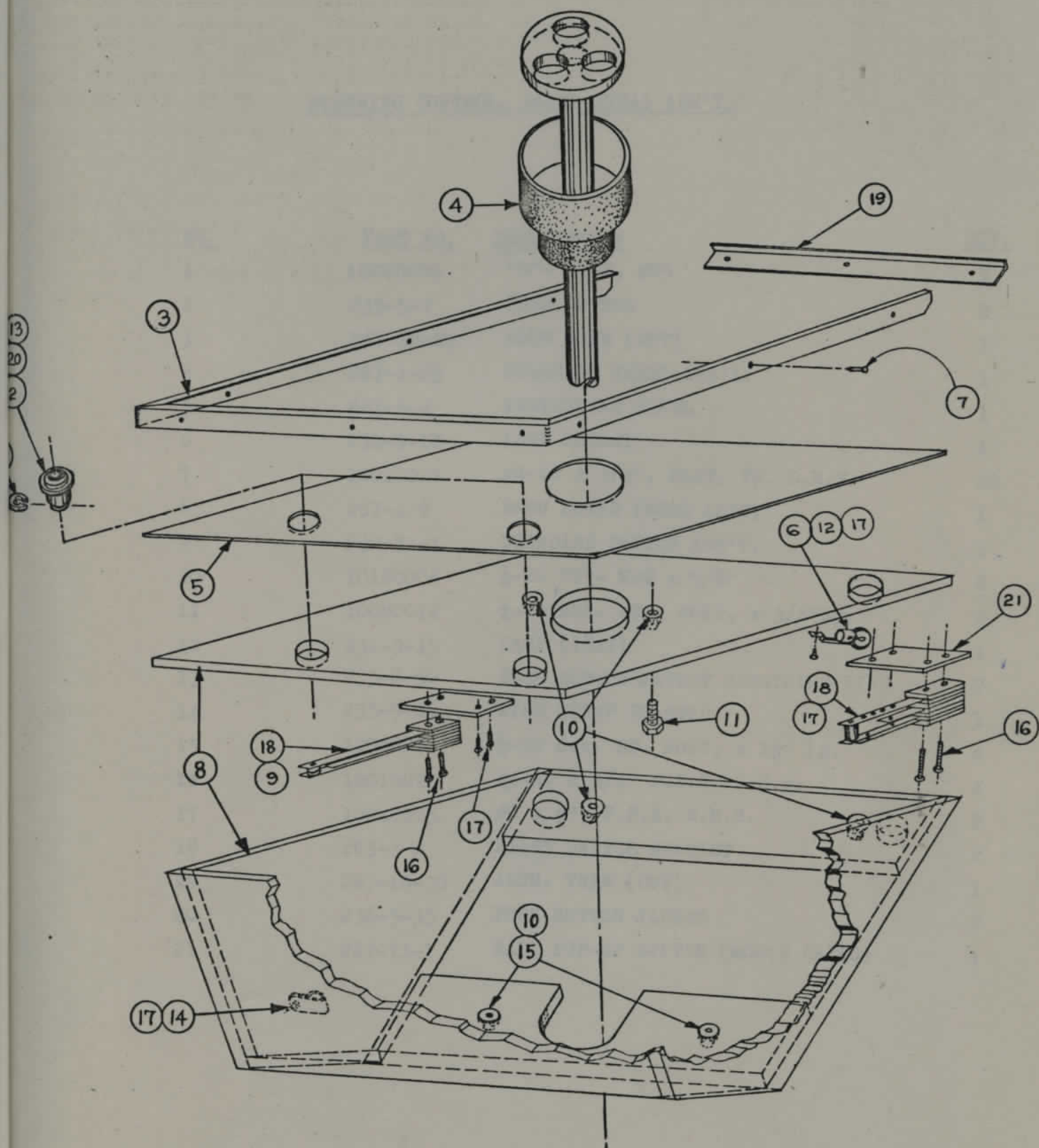
NOTE: Pylon seat shown on page

17



MAIN CABINET ASSY.

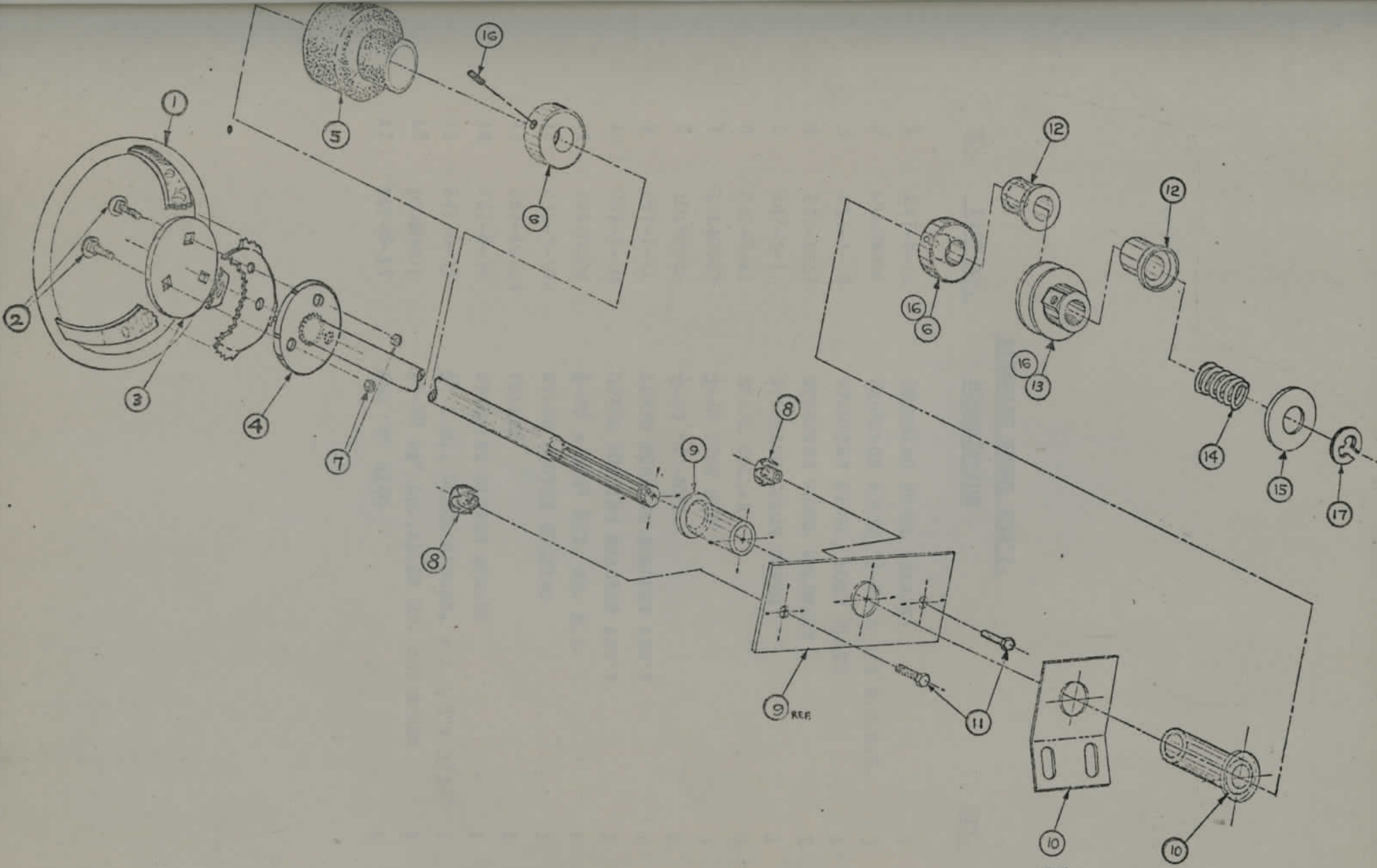
<u>ITEM</u>	<u>PART NO</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	267-1-2	WOOD CABINET, FINAL ASSY.	1
2	267-1-25	STEERING WHEEL ASSY.	1
3	267-1-7	BALL SOLENOID ASSY.	1
4	267-1-24	BALL PLAY MTG. & PIVOT ASSY.	1
5	267-1-33	COIN ACCEPTOR ASSY.	1
6	267-1-23	BALL PLAY FIELD TRAY & MTG. ASSY.	1
7	267-1-21	ACCELERATOR ASSY.	1
8	267-1-5	MAIN CONTROL BOARD	1
9	267-1-12	BALL CHUTE ASSY.	1
10	267-3-21	PLAY FIELD STOP BRACKET	2
11	267-1-19	CASH BOX ASSY.	1
12	10070008	#8 x 3/4" RD/PH/WOOD SCREW	25
13	10110019	1/4 - 20 x 1 3/4" CARRIAGE BOLT	4
14	267-10-20	REFLECTOR CARD BOARD	2
15	263-8-3	PULLEY SWIVEL	4
16	267-10-15	STEERING CABLE	1
17	267-10-16	CLUTCH CABLE	1
18	240-9-6	SPEAKER	1
19	267-1-43	TOP GLASS ASSY.	1
20	247-3-15	CASH DOOR LOCK BRACKET	1
21	231-8-12	RUBBER GROMMETS	2
22	267-4-37	COIN TUBE BRACKET	1
23	235-8-9	LEG LEVELER	4
24	10110016	1/4 - 20 x 1 1/4" CARRIAGE BOLT	4
25	267-1-34	SOUND BOARD ASSY.	1
26	267-1-42	STEERING CONTROL PANEL FINAL ASSY.	1
27	267-10-10	COIN TUBE	1
28	267-10-4	PLASTIC TUBE	1
29	244-9-21	24 UDC COUNTER	1
30	267-1-31	FRONT DOOR ASS'Y.	1
31	267-1-32	BACK DOOR ASS'Y.	1



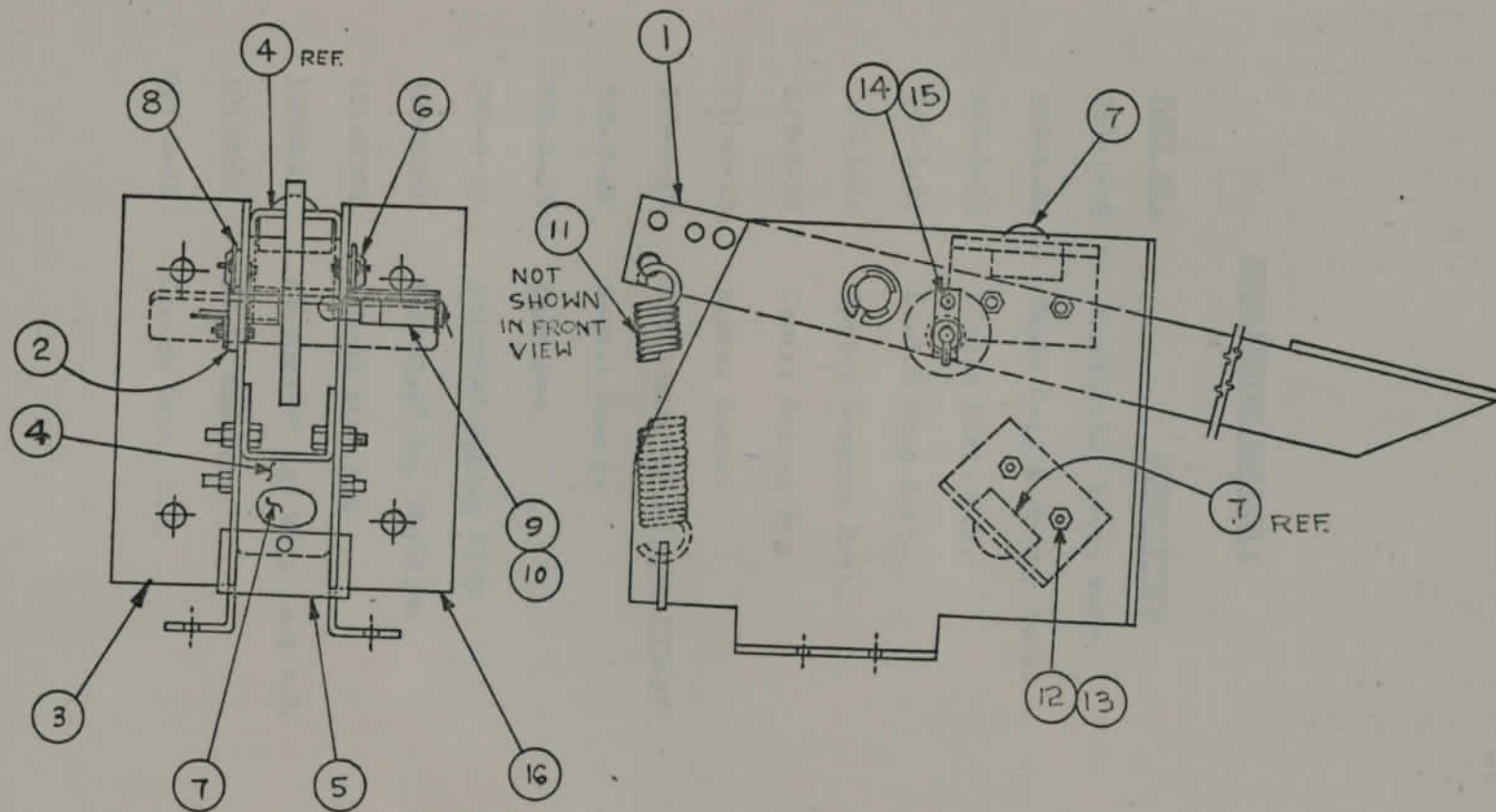
STEERING CONTROL PANEL, FINAL ASS'Y.

STEERING CONTROL, PANEL FINAL ASS'Y.

<u>NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	10270004	"E"- RING, #25	2
2	235-5-7	PUSH BUTTON	2
3	267-10-29	ALUM TRIM (CUT)	1
4	267-1-25	STEERING WHEEL ASS'Y.	1
5	267-6-4	INSTRUMENT PANEL	1
6	231-9-18	LAMP SOCKET	1
7	10010027	#4-40 x 3/4", FLAT, PH. S.M.S.	20
8	267-1-9	DASH BOARD (WOOD ASSY)	1
9	240-71-1	STANDARD SWITCH ASS'Y.	1
10	10180006	1/4-20 "T"- NUT x 5/8"	6
11	10080012	1/4-20 HEX. HD., BOLT, x 3/4" Lg.	2
12	231-9-15	LAMP (1847)	1
13	235-8-50	PUSH BUTTON JACKET RETAINING RING	2
14	235-9-26	WIRE STRAP PLASTIC	1
15	1008008	1/4-20 Hex. HD. BOLT, x 1 1/2" Lg.	4
16	10010027	#4-40 x 3/4" P.P.H. S.M.S.	4
17	10040025	#6 x 1/2", P.P.H. S.M.S.	6
18	263-3-6	START SWITCH BRACKET	2
19	267-10-30	ALUM. TRIM (CUT)	1
20	236-5-35	PUSH BUTTON JACKET	2
21	267-71-1	BALL POP-UP SWITCH (MONTE CARLO)	1



STEERING WHEEL ASS'Y.



ACCELERATION ASS'Y.

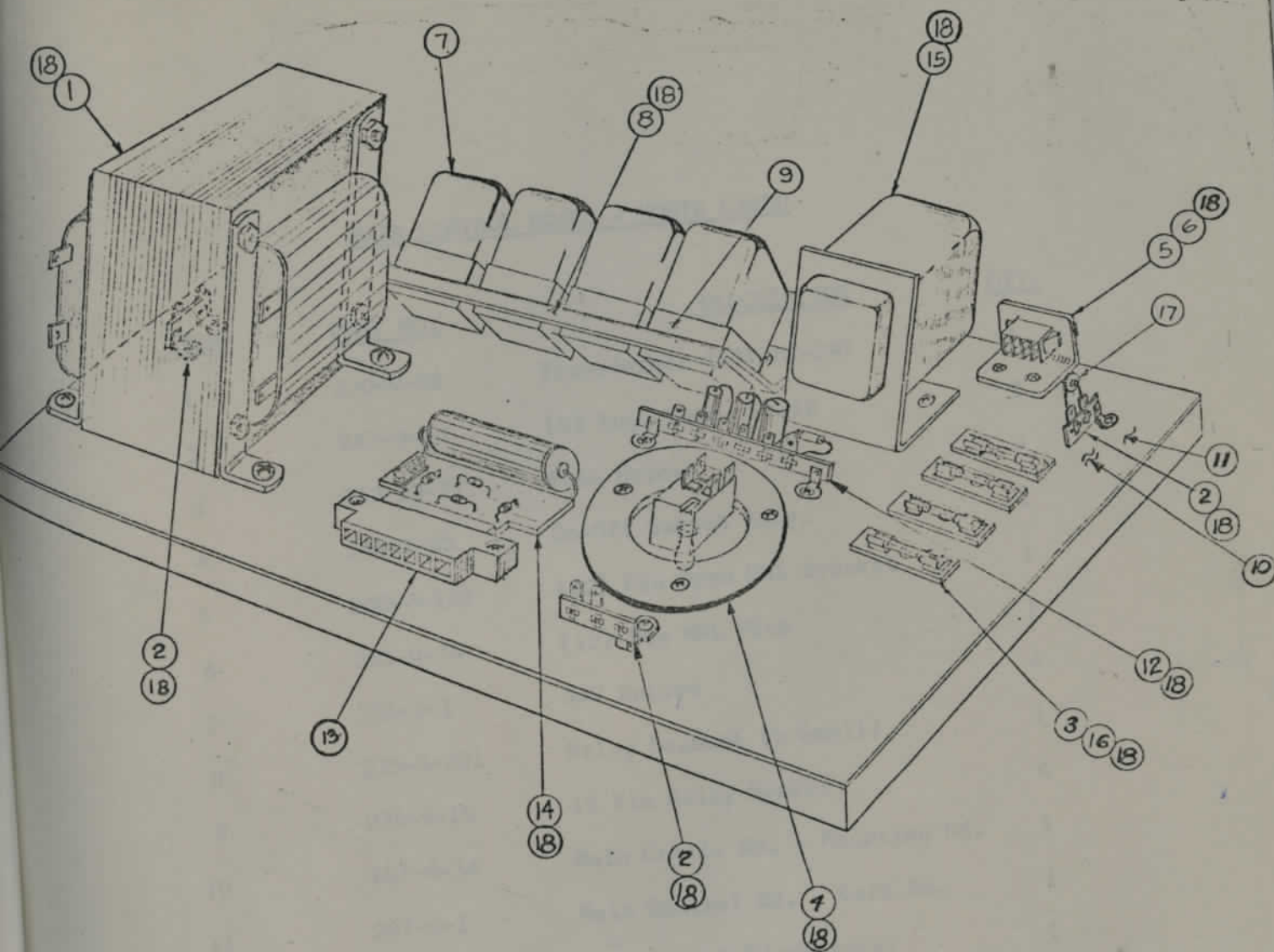
267-1-21

STEERING WHEEL ASS'Y.

<u>NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	247-8-12	STEERING WHEEL (BLACK)	1
2	10120004	CARRIAGE BOLTS, $\frac{1}{4}$ -20 x $\frac{3}{4}$ H.H.M.R.	3
3	233-3-60	STEERING WHEEL, BOLT PLATE	1
4	247-1-37	STEERING WHEEL WELDMENT	1
5	247-5-1	STEERING COLUM COVER	1
6	247-8-41	STEEL COLLAR	2
7	10140007	$\frac{1}{4}$ -20 STOP NUT	3
8	10180006	$\frac{1}{4}$ -20 "T"-NUT	2
9	267-1-11	LOWER BUSHING BRACKET ASS'Y.	1
10	267-1-10	UPPER BUSHING BRACKET ASS'Y.	1
11	10120004	$\frac{1}{4}$ -20 x $\frac{3}{4}$ " HEX. HD. M.S.	2
12	235-5-502	NYLON CLUTCH BUSHING	1
13	267-10-23	PULLEY	1
14	247-8-36	STEERING CLUTCH SPRING	1
15	247-8-35	$\frac{1}{2}$ " I.D., STEEL WASHER, x 1 $\frac{3}{8}$ " x $\frac{3}{32}$ "	1
16	10060007	$\frac{1}{4}$ "-28 x $\frac{1}{4}$ " Lg., ALLEN HD. SET SCREW	3
17	247-8-33	#50 "E" RING	1

ACCELERATOR ASSEMBLY

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	267-1-18	Accelerator Lever Weld.	1
2	267-1-20	Photo Cell & Holder Assy.	1
3	267-3-23	Clutch Brkt. R.H.	
4	247-3-31	Clutch Stop Brkt.	2
5	247-3-61	Spring Support Brkt.	1
6	247-2-22	Center Rocker Pin	1
7	231-8-12	Rubber Bumper	2
8	235-8-33	Retaining "E" Ring #5133-37	2
9	235-9-25	Socket Ohmite	1
10	235-9-23	Lamp #44	1
11	247-8-13	Select-A-Spring #170	1
12	10500001	#10-32x $\frac{1}{2}$ " Lg. HH/SL/MS	8
13	10140005	#10-32 Stop Nut	8
14	10020007	#4-40x3/8" Lg. Whiz Lock M/S	3
15	10150001	#4-40 Kep Nuts	3
16	267-3-31	Clutch Brkt. L.H.	1



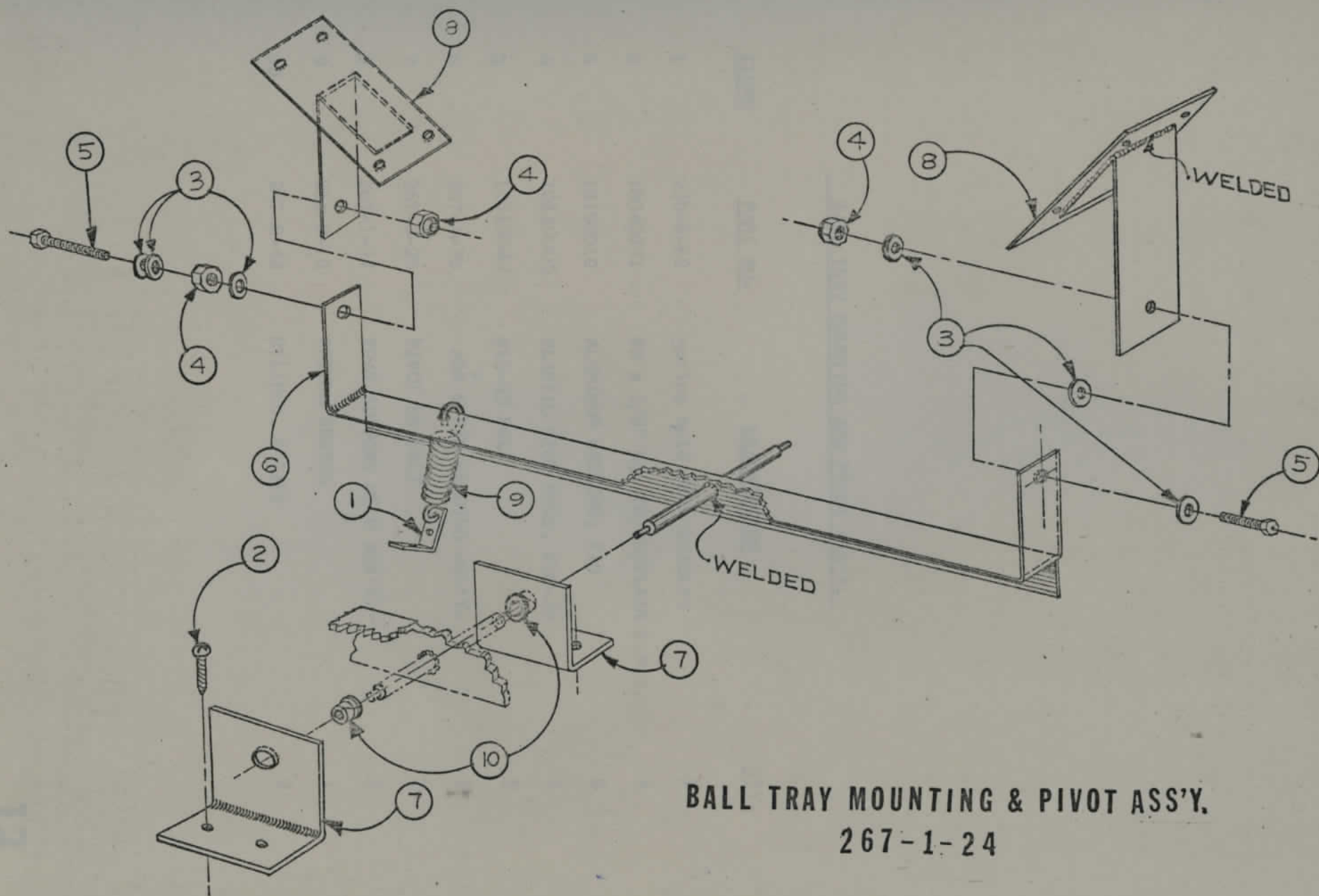
MAIN CONTROL BOARD

ASS'Y.

267-1-5

MAIN CONTROL BOARD - MONTE CARLO

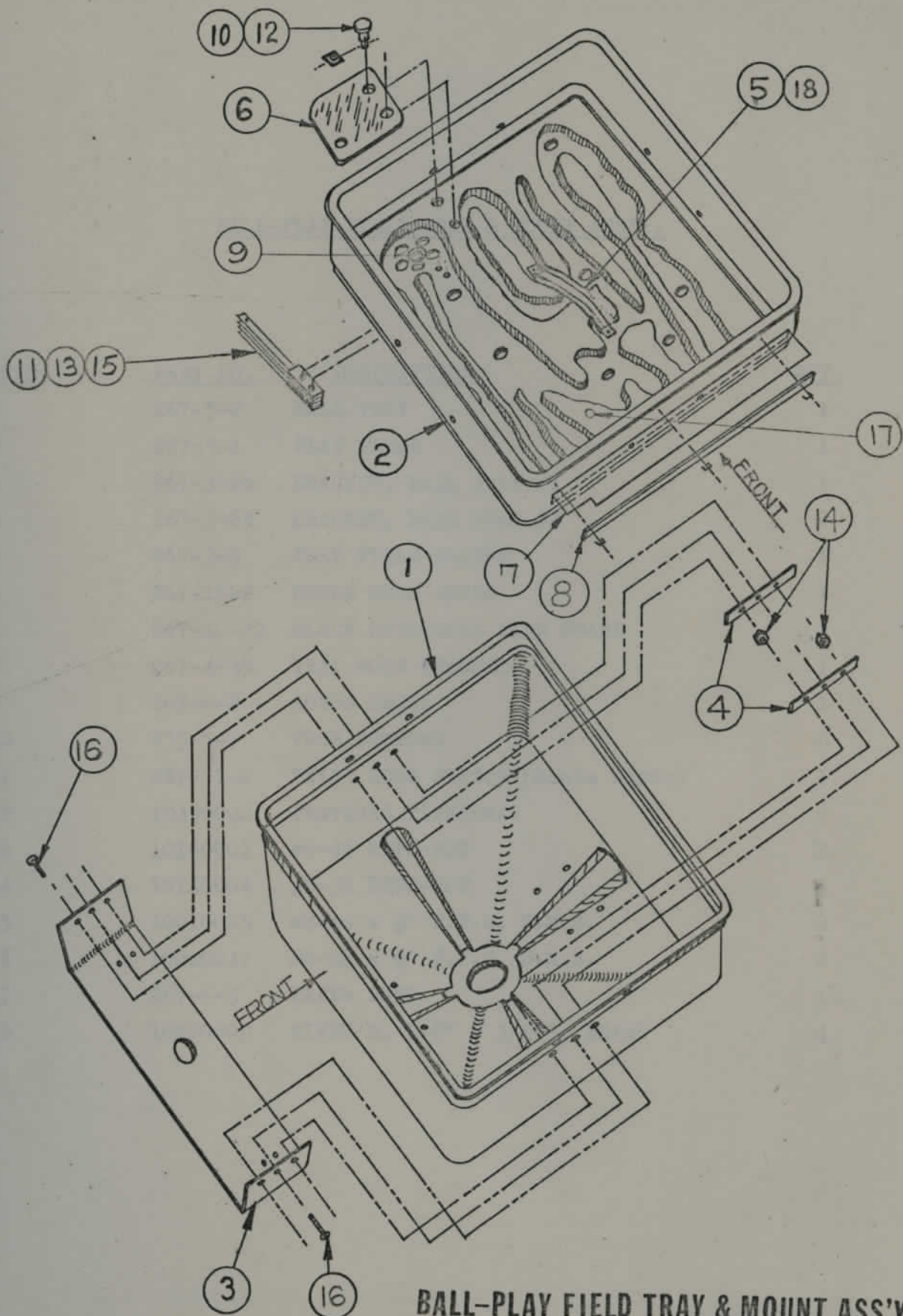
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	230-9-58	Transformer 110V-6V-24V	1
2	247-9-24	(2) Lug, Term. Strip	2
3	263-10-27	Fuse Holder	4
4	240-1-35	On-Off Switch Assy.	1
5	240-3-169	(12) Pin Open MNL Bracket	1
6	235-9-74	(12) Pin MNL Plug	1
7	235-9-1	24V Relays	4
8	235-3-201	Relay Bracket (5 Small)	1
9	235-9-15	12 Pin Relay Socket	4
10	267-4-34	Main Cntrl. Bd. - Mounting Bd.	1
11	267-6-1	Main Control Bd. - Card Bd.	1
12	267-1-17	Capacitor & Diode Assy.	1
13	240-3-50	6 Pin Edge Connector	1
14	249-1-16	24V P. C. Board Assy.	1
15	230-9-3	Timer Relay	1
16	242-9-3	Fuses, 5 amp (Fast-Blo)	4
17	267-1-16	Time Adj. Assy.	1
18	10040042	#6 x 3/8 PH/PH/SMS	23
19	235-9-4	Large Relay Socket	1
20	236-3-41	Large Relay Brkt. (1)	1



BALL TRAY MOUNTING & PIVOT ASS'Y.
267-1-24

BALL TRAY MOUNTING AND PIVOT ASS'Y.

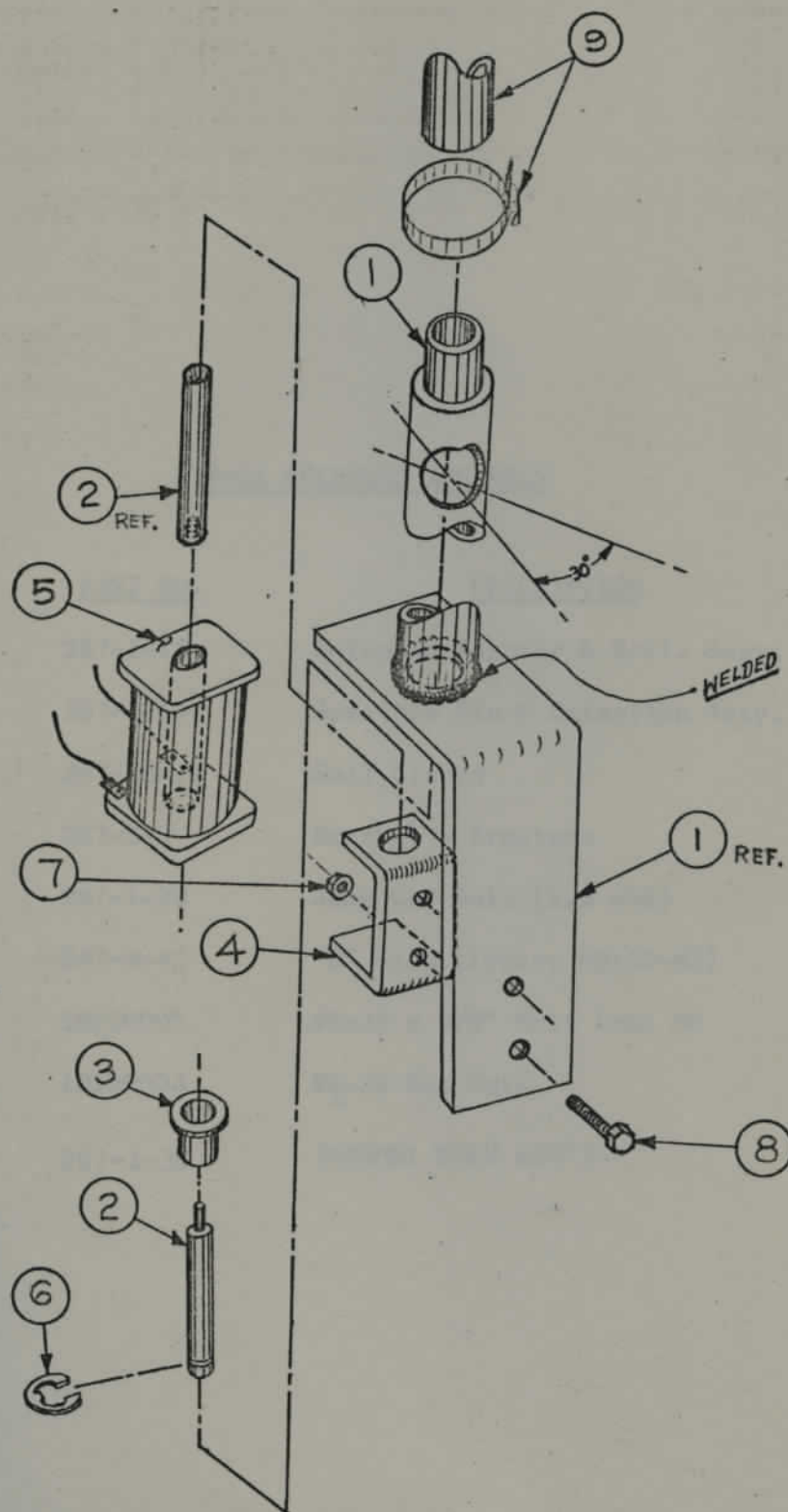
<u>ITEMS</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	235-8-62	Spring hold down bracket	1
2	10040031	#8 x 5/8" Lg. PH/PH/PLAIN S.M.S.	4
3	10190010	ALUMINUM WASHERS, #10	6
4	10140005	PLASTIC STOP NUTS, #10-32	3
5	10010042	#10-32 BOLT	2
6	267-1-35	ARM & PIN WELDING ASS'Y.	1
7	267-3-25	PIVOT BRACKET	2
8	267-1-22	TRAY SUPPORT WELD ASS'Y.	2
9	256-8-18	RETURN SPRING	1
10	247-8-43	NYLINER, 5 LIFF	2



BALL-PLAY FIELD TRAY & MOUNT ASS'Y.
267-1-25

BALL-PLAY FIELD TRAY & MOUNT ASS'Y.

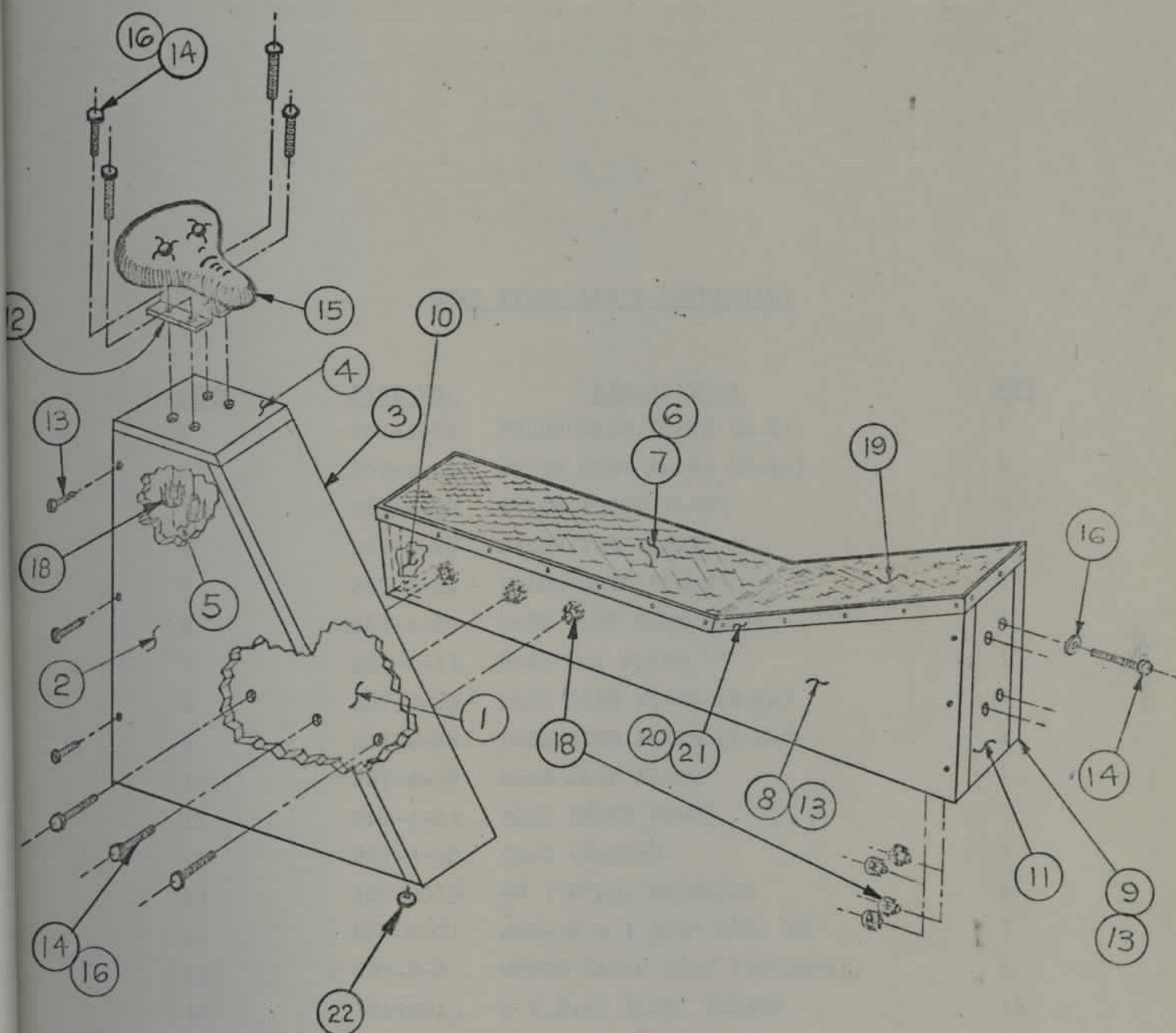
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	267-5-2	BALL TRAY	1
2	267-5-1	PLAY FIELD	1
3	267-3-26	BRACKET, BALL TRAY #1	1
4	267-3-29	BRACKET, BALL TRAY #2	2
5	267-3-9	PLAY FIELD BRIDGE	1
6	267-10-2	BONUS HOLE COVER	1
7	267-10-22	BLACK RAIL-ROAD CARD BOARD	1
8	267-4-39	TRAY WOOD BRACKET	1
9	267-6-2	BONUS DECAL	1
10	235-5-7	PUSH BUTTONS	6
11	267-71-2	"WIN" HOLE SWITCH (Monte Carlo)	1
12	10390002	FASTENER TINNEMAN	6
13	10150001	#4-40 KEPS-NUT	2
14	10140004	#8-32 STOP-NUT	3
15	10010025	#4-40 x $\frac{1}{2}$ " P.P.H. S.M.S.	2
16	10010037	#8-32 x $\frac{1}{2}$ " P.P.H. S.M.S.	6
17	267-6-5	PAPER DOTS	18
18	10220009	RIVET'S, 1/8" x 3/16", BRASS	4



BALL SOLENOID ASS'Y.

BALL SOLENOID ASSEMBLY

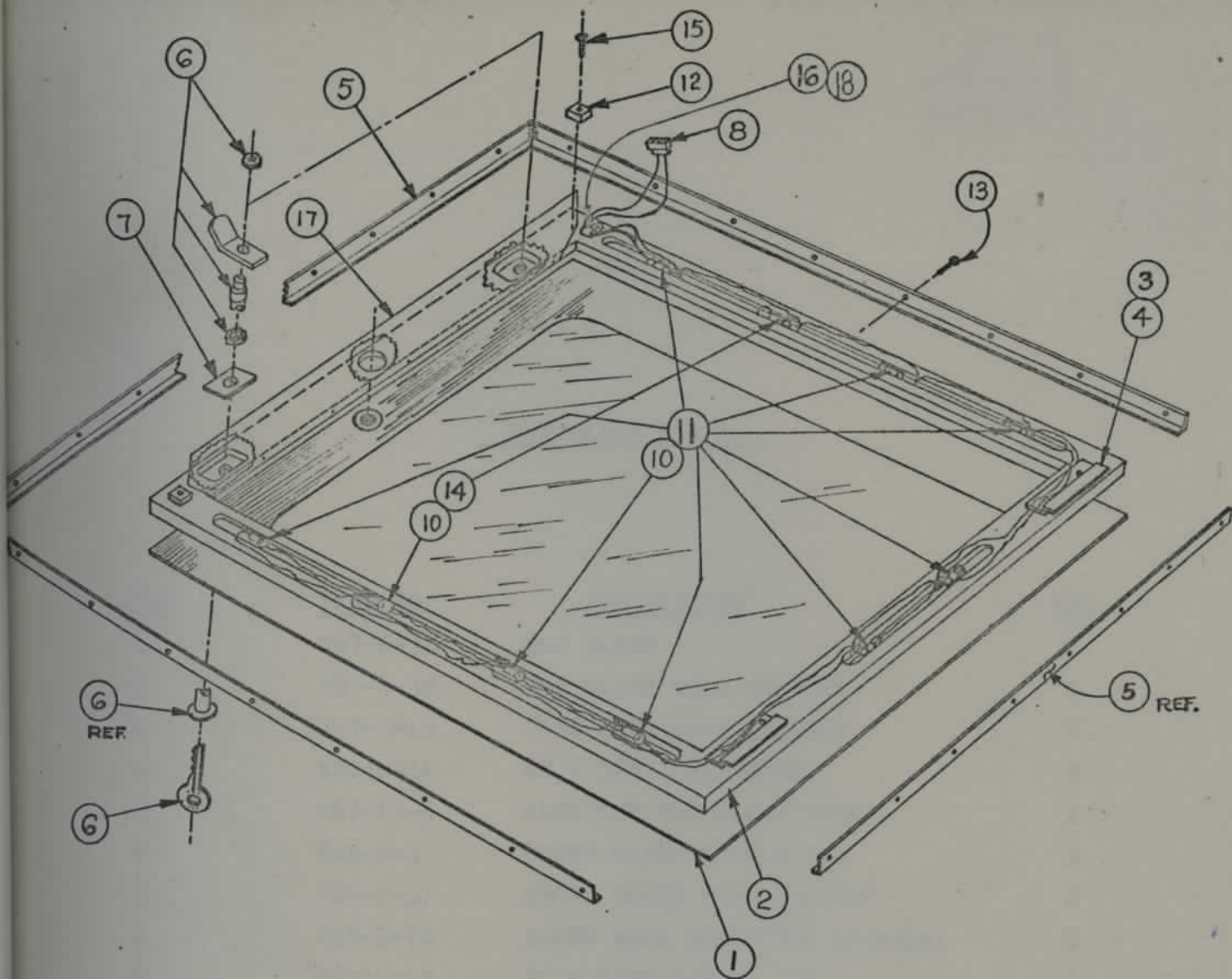
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	267-1-13	Solenoid Adaptor & Brkt. Assy.	1
2	267-1-14	Armature Pin & Extension Assy.	1
3	267-10-19	Coil Sleeve	1
4	267-3-3	Bracket - Armature	1
5	267-1-29	Jump Car Sol. (1.8 ohm)	1
6	247-8-42	"E" Ring (Truarc #5133-43)	1
7	10020005	#8-32 x 3/8" Whiz Lock MS	2
8	10150004	#8-32 Kep Nuts	2
9	267-1-30	JUMPER TUBE ASS'Y.	1



SEAT PYLON
ASS'Y.
(OPTIONAL)

SEAT PYLON ASS'Y (OPTIONAL)

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	267-4-24	PYLON SIDE PLATE (L.H.)	1
2	267-4-27	PYLON SIDE PLATE (R.H.)	1
3	267-4-30	PYLON FRONT PLATE	1
4	267-4-28	PYLON TOP PLATE	1
5	267-4-31	PYLON BACK PLATE	1
6	267-4-29	BASE FOOT REST PLATE	1
7	267-4-33	BASE TOP PLATE	1
8	267-4-25	BASE SIDE PLATE (R.H.)	1
9	267-4-26	BASE SIDE PLATE (L.H.)	1
10	267-4-32	BASE BACK PLATE	1
11	267-4-23	BASE FRONT PLATE	1
12	267-3-30	SEAT BRACKET	1
13	10070019	#8 x 2"Lg. RH/PH/WS	6
14	10120020	#10-32 x 1 3/4" HEX. HD.	7
15	267-8-2	MONTE CARLO SEAT (OPTIONAL)	1
16	10190013	1/4 W.P.F. ALUM. WASHER	11
17	10120019	#10-32 x 1" HEX. HEAD	4
18	10180001	#10-32 x 1/4" "T-NUTS"	11
19	267-10-32	FLOOR MATT	1
20	267-3-36	REAR - FOOT REST TRIM	1
21	10040044	ALUMINUM TRIM SCREWS	18
22	235-8-27	PLASTIC LEG THUMB TACKS	7
23	267-3-37	RIGHT-FOOT REST TRIM	1
24	267-3-38	LEFT-FOOT TRIM	1



TOP GLASS ASS'Y.
267-1-21

TOP GLASS ASS'Y.

<u>ITEM</u>	<u>PART NO</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	267-6-3	TOP GLASS	1
2	267-4-36	TOP GLASS WOOD SUPPORT	1
3	247-3-15	CASH DOOR LOCK BRACKET	2
4	10040031	#8 x 5/8" PA/PH/SMS	4
5	267-10-5	ALUMINUM TOP GLASS TRIM	1
6	249-8-3	FRONT GLASS LOCK # 202	2
7	240-3-37	FRONT GLASS LOCK BRACKET	2
8	235-9-70	3-PIN EDGE CONNECTOR (Female)	1
9	10070012	#6 x 3/8" P.P.H. S.M.S.	1
10	235-9-25	LAMP SOCKET	11
11	231-9-15	LAMP (1847)	9
12	267-4-40	TOP GLASS SUPPORT BRACKET	2
13	10070011	#4 x 1/2" FLAT P.P.H., WOOD	33
14	233-9-23	LAMP (55)	2
15	10040044	#6 x 1" P.P.H. S.M.S.	2
16	235-9-26	WIRE STRAP, PLASTIC	1
17	267-10-11	FISH PAPER	1
18	10040025	#6 x 1/2", P.P.H. S.M.S.	1

DALE DISTRIBUTING LTD.

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3930 GRIFFITHS STREET,
ST. LAURENT, P. QUEBEC
PHONE: (514) 731-1177

1974-1975

ITEM	DESCRIPTION	QUANTITY	PRICE
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