MARS TREK



INSTRUCTION MANUAL



PARLA - MADRID - SPAIN

MARS TREK

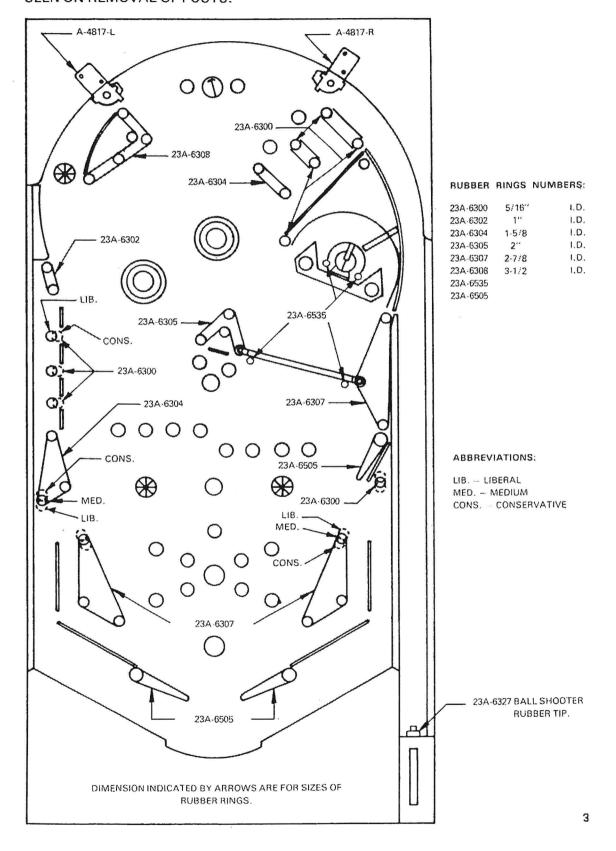
-4 PLAYER-

INSTRUCTIONS

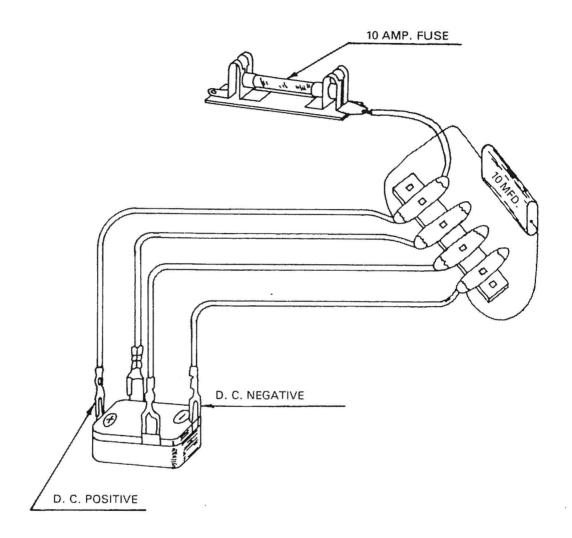
- 1) MAKING «E» & «K» LITES DOUBLE BONUS.
- 2) MAKING «MARS» TARGETS SCORE 10.000 POINTS.
- 3) MAKING «TREK» CENTER TARGER SCORE 10.000 POINTS.
- 4) BONUS ON 50.000 PT. POSITION LITES EXTRA BALL.
- 5) PASSING BALL THROUGH RUN-WAY GIVES EXTRA BALL WHEN LIT.
- 6) MAKING «MARS TREK» OBTAINS SPECIAL.

-«MARS TREK»- POST ADJUSTMENT SHEET

TO MAKE GAME MORE CONSEVATIVE OR LIBERAL MOVE POST 3/16" AS SHOWN IN SKETCH BELOW. SPOTTING HOLE ARE PROVIDED AND CAN BE SEEN ON REMOVAL OF POSTS.



SILICON BRIDGE RECTIFIER



The function of the rectifier and capicitor is to convert the alternating current (A. C.) to direct current (D. C.), supplying D. C. to the bumpers, kickers, etc.

The bridge rectifier should practically never need replacing, as it is rated well over the voltage and current requeriments of the components it supplies.

If, however, the 15 Amp. 24 Volt fuse on the mechanism panel opens, it could be due to a faulty rectifier, disconnect the A. C. imput to rectifier, replace fuse, and recheck

If the 10 Amp. fuse located next to the rectifier opens, check all D. C. components I. E. bumpers, kickers, etc. for shorts.

1. GENERAL

Never experiment with any of the mechanism. Locate any trouble with the aid of Wiring Diagrams or Operating & Servicing Information supplied with the machine, then check for proper adjustment of the units involved before making any changes. Improper adjustment or make-shift repair will only cause serious damage to other parts of the machine or repeated failure of the part.

NOTE: Always look for a possible loose wire, bad connection at a plug and socket, broken or unhooked springs on step-up units, relays, etc., before adjustments are made or wires reconnected.

2. FUSES

IMPORTANT: Never replace fuses with any rating other than specified on the fuse block.

3. LUBRICATION

Over-lubrication causes far more trouble in coin operated equipment than under-lubrication. Practically all cases of poor contact on switches and wiper discs are due to oil or grease, or oil vapor, which forms a film or residue on the contacts and will not allow current to pass through. Excess lubricant may also seep into clutches causing them to slip.

IMPORTANT: NEVER USE VASELINE FOR LUBRICATION OF ANY PART OF THE MACHINE. Vaseline is not a true lubricant. It leaves a dirty and gummy residue and it becomes very thick when cold. A special Coin Machine Lubricant is supplied with each machine.

STEP-UP Levers, Ratchets, Cams, Shafts and other sliding or oscillating parts should be very lightly greased with special Coin Machine Lubricant (supplied with machine) not oftener than every six months. The bakelite discs (biscuits) on the Motor Units and Step-up Units will require lubrication with the special Coin Machine Lubricant only after the grease is completely evaporated (3 to 12 months, depending on climate) or when the film of grease becomes dirty. In either event, clean the parts thoroughly with becomes dirty. In either event, clean the parts thoroughly with a solvent, then apply an extremely thin coat of the special grease.

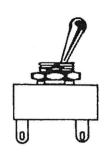
Solenoid Plungers should not have a lubricant of any kind. Should there be a sluggish tendency or if plungers are sticking, the parts should be cleaned with a solvent and flaked graphite applied on reassembly.

SWITCH ADJUSTMENT

BEFORE ADJUSTING SWITCHES, MAKE CERTAIN THE SCREWS HOLDING THE SWITCH STACKS ARE DOWN TIGHTLY. BAKELITE SPACERS IN THE SWITCH STACKS, DUE TO EXCESSIVE MOISTURE, HAVE OCCASIONALLY SHRUNK BY DRYING OUT, CAUSING POOR ADJUSTMENT.

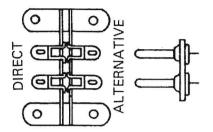
MASTER ON-OFF SW.

(LOCATED ON CABINET)



CONTROLS POWER TO TRANSFORMER.

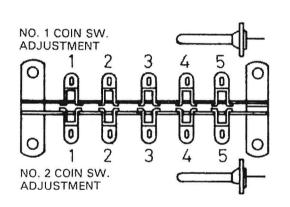
SPECIAL ADJUSTMENT (LOCATED ON PLAYFIELD)



THE SPECIAL CAN BE DIRECT OR ALTERNATIVE ACCORDING TO POSITION OF JACK.

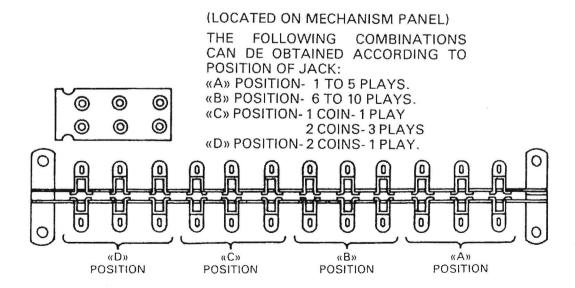
NO. 1 &2 COIN SW. ADJUSTMENT JACK

(LOCATED ON MECHANISM PANEL)



1 TO 5 PLAYS GIVEN ACCORDING TO POSITION OF JACK BY EACH ONE OF BOTH ADJUSTMENTS.

GENERAL COIN SW. ADJUSTMENT



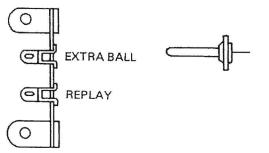
ADJUSTMENTS IN BACKBOX

POINT SCORE ADJUSTMENT

PLUG IN WHITE WIRE FOR SCORES PLUG IN RED WIRE FOR SCORES 10000 🖂 🖂 60000 110.000 200.000 510.000 600.000 20000 🗆 🗆 70000 PLUG IN BROWN WIRE FOR SCORES PLUG IN BLUE WIRE FOR SCORES 30000 🗆 🗆 80000 610.000 700.000 40000 🗆 🗆 90000 PLUG IN YELLOW WIRE FOR SCORES PLUG IN ORANGE WIRE FOR SCORES 50000 🗆 🗆 00000 710.000 800.000 310.000 400.000 PLUG IN BLACK WIRE FOR SCORES PLUG IN GREY WIRE FOR SCORES PLUG IN GREEN WIRE FOR SCORES 810,000 900,000 410.000 500.000 910,000 990,000

EXAMPLE BLUE INTO 10.000 POSITION SCORES AT 210.000 OR BLUE WIRE INTO 00.000 POSITION SCORES AT 300.000

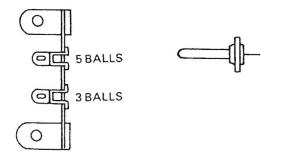
EXTRA BALL ADJ. JACK



IN REPLAY POSITION: HI-SCORES, NUMBER MATCH & "SPECIAL" WILL AWARD REPLAYS.

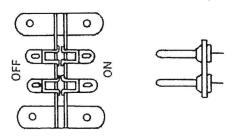
IN EXTRA BALL POSITION: HI SCORES, NUMBER MATCH & "SPECIAL" WILL AWARD EXTRA BALLS.

NO. OF BALLS ADJ.



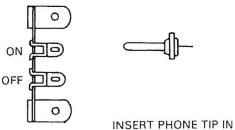
THIS JACK CHANGES 3 BALLS TO 5 BALLS PLAY OR VICEVERSA.

NO. MATCH ADJ. JACK



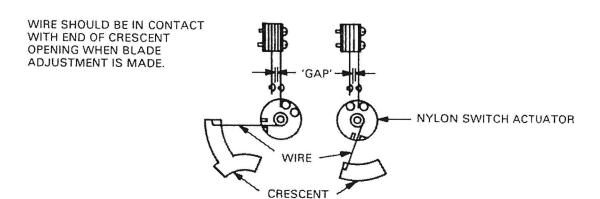
IN "ON" POSITION A NUMBER MATCH LITE WILL APPEAR WHEN GAME IS OVER CHED EXTRA BALL ADJUSTMENT JACK MUST BE IN REPLAY POSI-TION NUMBER MATCH IS INOPERATIVE.

MOTOR SERVICE JACK (Located on Mech. Panel)



OFF POSITION CAMS CAN BE TURNED BY HAND TO CHECK ADJUSTMENT OF SWITCHES.

INSTRUCTIONS FOR COIN TRIP SWITCH ADJUSTMENT



Long blade should be in contact with nylon switch actuator and have a maximum over-travel of 1/32.

Using a gram gauge, tension of long blade or should not exceed 10 grams.

SWITCH ADJUSTMENT

- 1. For small coins, such as dimes, adjust short blade so that the 'gap' between the silver contacts is .045 to .055.
- 2. For larger heavier coins the 'gap' should be .045 to .060.
- 3. Do not adjust 'gap' closer than .040.

POWER TRANSFORMER:

LOCATED ON MECHANISM PANEL. IT IS EQUIPPED WITH A SECONDARY TAP. IF YOUR GAME IS ON LOCATION WITH EXTREMELY LOW LINE VOLTAGE, REMOVE LEAD FROM LUG MARKED 24 VOLTS AND SOLDER TO ALTERNATE LUG MARKED «HIGH». THIS WILL BOOST SECONDARY VOLTAGE APPROXIMATELY 2-3 VOLTS.

LEG LEVELERS:

ARE PROVIDED FOR TWO PURPOSES - IST TO LEVEL GAME ON LOCATION, 2ND TO INCREASE PITCH FOR GAME PERCENTAGING. IF IT IS DESIRED TO SPEED UP PLAY AND DECREASE SCORES, RAISE REAR LEG LEVELERS TO INCREASE PITCH.

WARRANTY

THE MOTORS IN ALL NEW SONIC PRODUCTS ARE UN CONDITIONALLY GUARANTED FOR 6 MONTHS FROM DATE OF PURCHASE.

ANY DEFECTIVE MOTORS RETURNED DURING THE WARRANTY PERIOD WILL BE REPLACED FREE OF CHARGE BY YOUR SONIC DISTRIBUTOR.

IMPORTANT NOTICE

WHEN ORDERING PARTS ALWAYS SPECIFY NAME OF UNIT, GAME AND SERIAL NUMBER IN ADDITION TO A CLEAR DESCRIPTION OF THE PART AND PART NUMBER IF POSSIBLE.

UNIT PART LIST

Unit name	Contact disc	Wiper Ass'y	Ratchet geat ass'y	Motors
Coin Ball count Bonus	1B-2001-995 1B-2001-34 1B-3635-3	B-7456-985 B-7456-988 B-7456-986	3A-9969-3 3A-9969-5 3A-9969-10	
Credit Player	1B-3635-3	C-6521-20	A-6400-1 A-6404-3	Score motor
No. match	1B-3635-3	B-7456-985	3A-9969-50A	14A-7884 (50 Hz.) 14A-7883 (60 Hz.)
100 points 1.000 points	B-7253	A-6294	3C-7272 3C-7272	
10.000 points 100.000 points	B-7253 B-7253	A-6294 A-6294	3C-7272 3C-7272	

«MARS TREK» COIL CHART

NOTICE: This gama operates 24 Volts. When ordering replacement, transformer, motors, coil or Meters... Make sure to specify correct part number.

Number	Description	Location
14A-7884 15A-6782-1 14A-7883 15A-6771	Score Motor 50 Hz. Transformer 50 Hz. Score Motor 60 Hz. Transformer 60 Hz.	Mech. Panel. Mech. Panel Mech. Panel Mech. Panel
	«SOLENOID COILS»	
M-29-900	1-2 Score Reset 3-4 Score Reset	Insert Insert
M-29-1000	Game Over Re. (Trip)	Mech. Panel
M-29-1100	No. 1 Coin Re. No. 2 Coin Re. Reset Re. Auxiliary Special Re. Right Eject Re. Top Eject Re. Bunus Re. Auxiliary Right Eject Re. 5.000 Pt. Re. Advance Bonus Re. 100 Pt. Re. 1000 Pt. Re.	Mech. Panel Mech. Panel Mech. Panel Mech. Panel Playfield Playfield Playfield Playfield Playfield Playfield Insert Insert
M-30-1300	Coin Set Up Re.	Mech. Panel
M-31-1500	Coin Lockout	Front Door
Z-27-1000	Game Over Re. (Latch) Player Reset Re. No. 3 Coin Re. Credit Re. Out Hole Re.	Mech. Panel Mech. Panel Mech. Panel Mech. Panel Mech. Panel
Z-28-1150	Tilt Re. Ball Index Re. Extra Ball Re. 1 Alternator Re. 2 Alternator Re.	Mech. Panel Mech. Panel Mech. Panel Playfield Playfield
Z-29-1250	Lock Re.	Mech. Panel
A-22-550	Coin Unit S. U. Ball Count Unit S. U. Player Unit S. U. Ball Release Bonus Unit S. U.	Mech. Panel Mech. Panel Insert Playfield Playfield
A-23-600	Credit Unit S. U.	Insert
	No. Match Unit	Insert
A2-23-750	Knocker	Cabinet

Number	Description	Location
A2-26-1300	Small Chime Medium Chime Large Chime	Cabinet Cabinet Cabinet
B-26-800 -	Credit Unit Reset Coin Unit Reset Ball Count Unit Reset Player Unit Reset Bonus Unit Reset	Insert Mech. Panel Mech. Panel Insert Playfield
B1-26-800	100 Pt. D. U. (4) 1000 Pt. D. U. (4) 10000 Pt. D. U. (4) 100000 Pt. D. U. (4)	insert Insert insert Insert
D1-24-1600	Bank Reset	Playfield
F1-20-300/28-400	Right Flipper (2) Left Flipper	Playfield Playfield
G-23-750	Right Eject Hole Top Eject Hole	Playfield Playfield
G-23-750 D. C.	Center Bumper Top Bumper Left Kicker Right Kicker	Playfield Playfield Playfield Playfield
S-27-500	«M» Re. «A» Re. «R» Re. «S» Re. «R» Top Roll Over Re. «T» Top Roll Over Re. «E» Re. «E» Re. Double Bonus Re. Special Re.	Playfield
XM-27-675	Total Playmeter	Mech, Panel

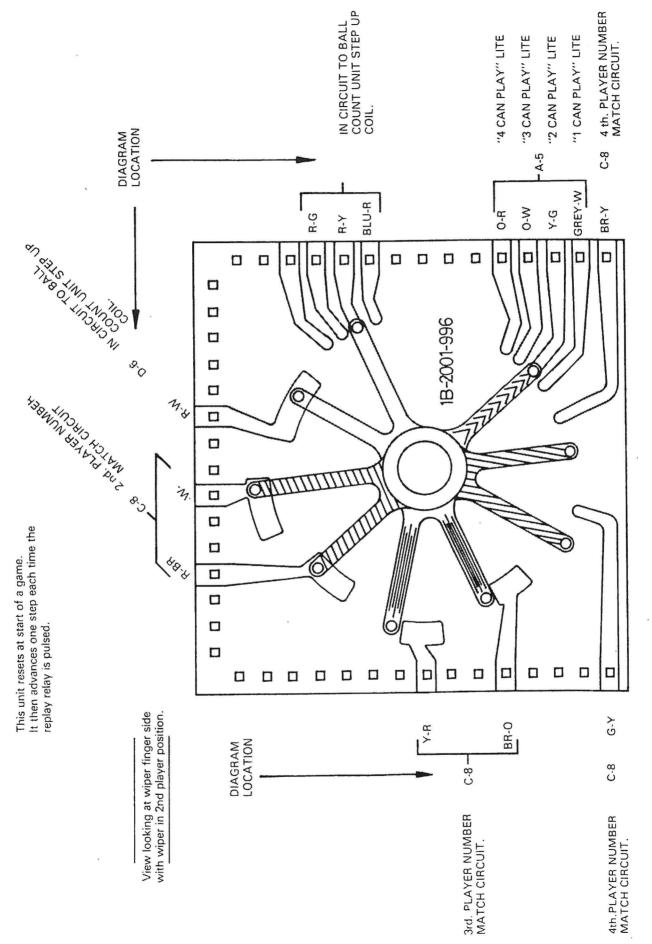
CAUTION

The playboard on this machine has an improved finish with excellent wearing properties. Do not under any circumstances clean the board with water, water soap solutions or harsh abrasives. Avoid such things as steel wool, kitchen cleansers or abrasive hand soap. Water will weaken the adhering of the paint to the board and abrasives shorten the board life by many thousand plays. A wax base cleaner with negligible abrasive qualities used lightly, but frequently, will extend the board life to its full capabilities.

SERVICEMAN TO REMOVE BACKGLASS:

- WITH BACK DOOR REMOVED, PULL BACK ON BRACKETS AT INSIDE TOP OF LITE BOX.
 - FROM THE FRONT OF GAME, LIFT GLASS UP AND OUT.

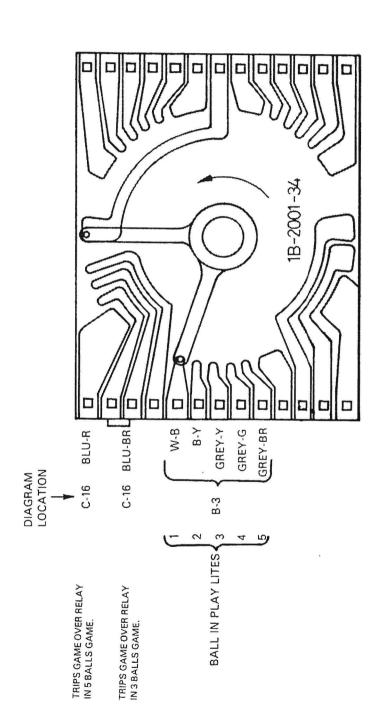
COIN UNIT



BALL COUNT UNIT DISC

THIS UNIT RESETS AT THE START OF A NEW GAME, (DURING RESET CYCLE). it advances one step each time the last player completes his turn.

View looking at WIPER FINGER side with WIPER in ZERO position.

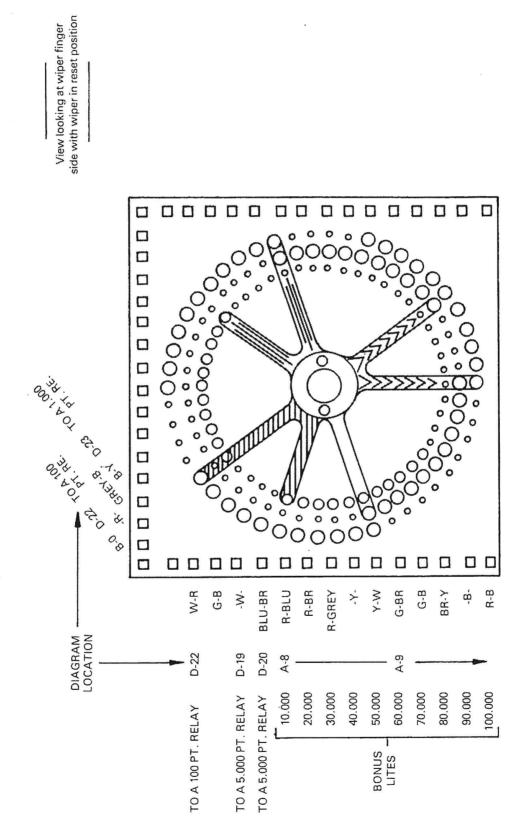


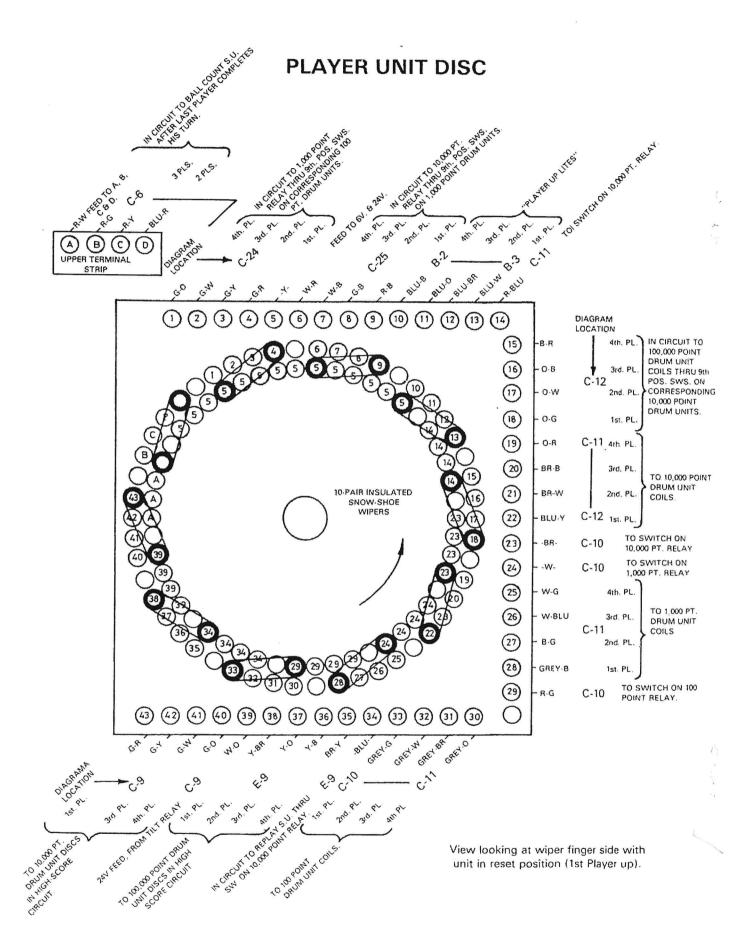
BONUS UNIT

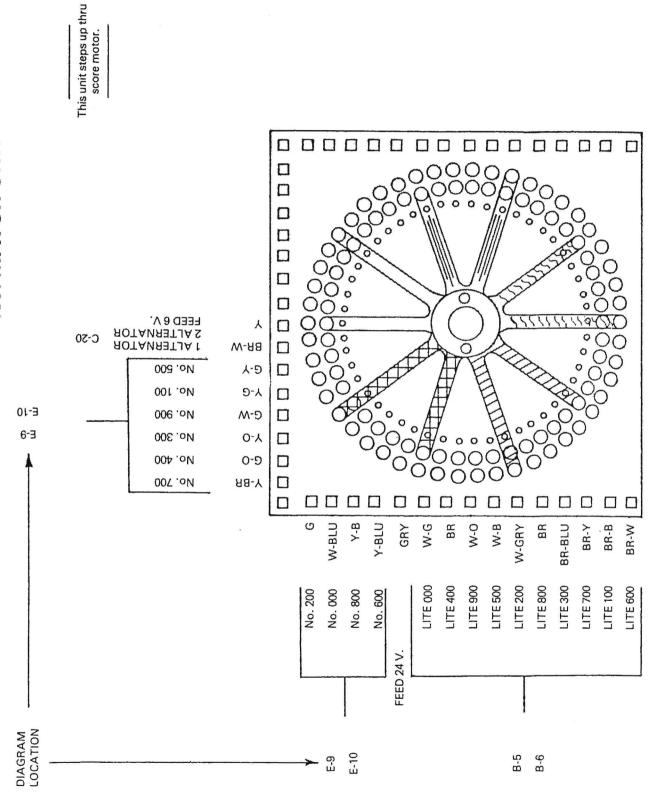
THIS UNIT STEPS UP EACH TIME THE BONUS ADVANCE RELAY IS PULSED, ALSO BY 5.000 PT. B AUXILIARY RICHT EJECT RELAYS THRU 3-C SCORE MOTOR CAM SWITCH & BY OUT HOLE RETHRI 12-C SCORE MOTOR CAM SW

THRU 2-C SCORE MOTOR CAM SW.

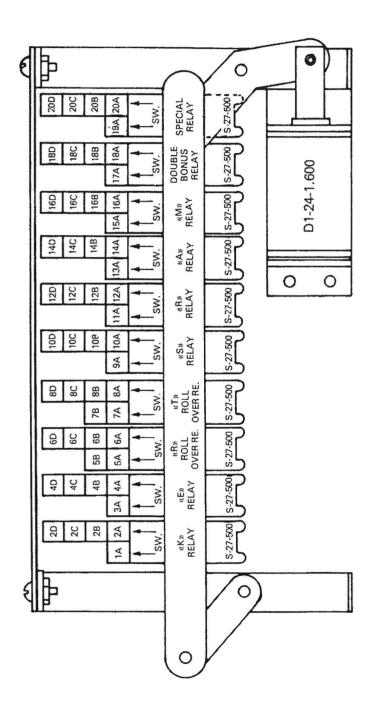
THE RESET COIL IS ENERGIZED BY BONUS RE. THRU DOUBLE BONUS RE., 5-A & 2-B SCORE MOTOR CAM SW., ALSO BY RICHT EJECT RE. THRU IMP.- B SCORE MOTOR CAM SW.







BANK RELAYS



Relay	Sw.	Wire Colors	Diag. Loc.	Туре	Switch Operation
	7A	~J. BLU-Y	A-7	N. O.	Activates Center Targets Lite.
	78	0-B -J-	E-21	N. C.	Open circuit to this Relay.
	A8	-J- -J-	C-15	N. O.	In circuit to Auxiliary Special Re.
«T» ROLL OVER	8B	G-B Y-W	B-8	N. C.	Activates «T» Top Lite.
OVEN	8C	BR-Y O-G	C-23	M. & B.	Closed Pulses to 1,000 Pt. Re. Open In circuit to 10,000 Pt. Re,
	8 D	B-O -Y- GREY-BLU	B-10	M. & B.	Closed Activates «T» Target Lite. Open Activates «T» Lites.
	9A	0-G -Y-	E-21	N. C.	Open circuit to this Relay.
	10A	-J-	D-15	N. O.	In circuit to Auxiliary Special Re.
«S»	10B	-J- Y-B	A-7	N. O.	In circuit to Side Targets Lite.
	10C	BR-Y GREY-O	E-23	M, & B.	Closed Pulses to 1,000 Pt. Relay, Open In circuit to 10,000 Pt. Re.
	10D	B-W -Y-	B-10	M. & B.	Closed Activates «S» Target Lite. Open Activates «S» Lite.
	11A	-J- -O-	E-21	N.C.	Open circuit to this Relay.
	12A	-J-	D-15	N. O.	In circuit to Auxiliary Special Re.
«R»	12B	-J- -J-	B-7	N. O.	In circuit to Side Targets Lite.
	12C	BR-Y -J-	E-23	M. & B.	Closed Pulses to 1.000 Pt. Re. Open In circuit to 10,000 Pt. Re.
	12D	0-G -Y- -BR-	B-10	м. & в.	Closed Activates «R» Target Lite. Open Activates «E» Lite.

Relay	Sw.	Wire Colors	diag. Loc.	Туре	Switch operation
	13A	0-R -J-	E-20	N.C.	Open circuit to this Relay.
	14A	-J-	D-15	N. O.	In circuit to Auxiliary Special Re.
«A»	14B	٠,J. -J-	B-7	N. O.	In circuito Side Targers Lite.
		BR-Y -J-	D-23	M. & B.	Closed Pulses to 1,000 Pt. Re. Open In circuit to 10,000 Pt. Re.
	14D	G-W G-B	B-9	M. & B.	Closed.· Activates «A» Target Lite. Open Activates «A» Lite.
	15A	BR-B -J-	E-20	N. C.	Open circuit to this Relay,
	16A	-1- A-0	E-15	N.O.	In circuit to Auxiliary Special Re,
«M»	168	-W- -J-	B-7	N. O.	In circuit to Side Targets Lite.
	16C	BR-Y O-BLU ~J-	C-23	M. & B.	Closed Pulses to 1.000 Pt. Re. Open,- In circuit to 10.000 Pt. Re.
	16D	-G- G-BR	B-9	M. & B.	Closed Activates «M» Target Lite. Open Activates «M» Lite.
	17A	-J- R-W	E-15	N.C.	open circuit to this Relay.
	18A	G-BR Y-O	B-7	N. O.	Activates Left Special R. O. Lite.
SPECIAL	18B	Y-W -PURPLE-	B-8	N. O.	Activates Right Special R. O. Lite.
	18C	B-Y Y-BLU	E-15	N. C.	Open circuit to Auxiliary Special Re.
	18D	GREY-O -R- 8-W	E-15	M. & B.	Closed Pulses to 10.000 Pt. Re. Open Pulses to Credit Unit.
	19A	-J-	D-15	N. C.	Open circuit to this Relay.
	20A	R-GREY -W-	B-7	N. O.	Activates Double Bonus Lite.
DOUBLE BONUS	20B	BR-Y GREY-O	E-23	М. & В.	Closed Pulses to 10.000 Pt. Re. Open Pulses to 1.000 Pt. Re.
	20C	-G- O-W GREY-BR	C-16	M. & B.	Closed Pulses to 10,000 Pt. Re. Open Pulses to 10,000 Pt. Re.
	20D	G-W Y-B G-R	D-15	M. & B.	Closed Pulses to Bonus Unit Reset Coil. Open Pulses to Bonus Unit Reset Coil.

TIPICAL "M" RELAY SWITCH POSITION TOP SWITCHES **BOTTOM SWITCHES**

A.C. RELAYS & SWITCHES

LOCATED ON MECH. PANEL

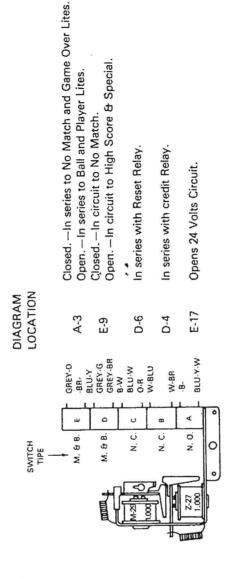
28

2A

0

5

18 17 2



GAME OVER

Re. The trip coil is energized directly by lock Re; & by Player Unit or Ball Count Unit Open at Reset, Coin, Extra Ball, Ball Index & Out Hole The latch coil is energized by Reset Re. Thru 1-A, 2-A Score motor cam Switches and Player Zero Switches thru Coin Relay.

LOCK

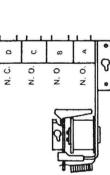
Is automatically energized when machine is Plugged in.

S

Pulses to Game Over Relay Trip Coil.

C-18

.Y. BLU·R



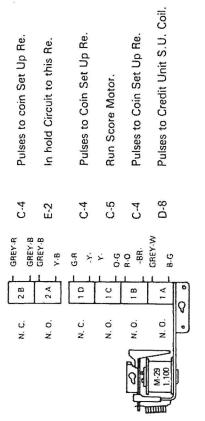
Is energized by Tilt Relay. Also by 100 PT. 1,000 PT & 10,000 PT. Relay thru Extra Ball Relay

BALL INDEX

- In circuit to Player Unit Reset and Step Up. In hold circuit to Coin Set Up Re. D-24 C-19 D-4 C-7
 - In hold circuit to this relay. Pulses to 10,000 Pt. Re.

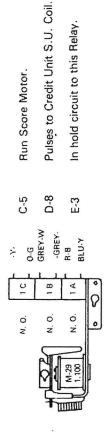
NO. 1 COIN

Is energized by No. 1 Coin Switch. & Coin set Up Relay.



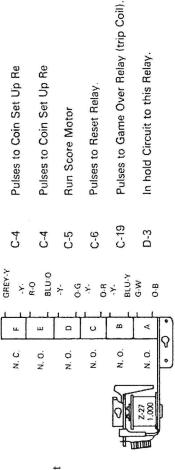
NO. 2 COIN

Is energized by No. 2 Coin Switch.



NO. 3 COIN

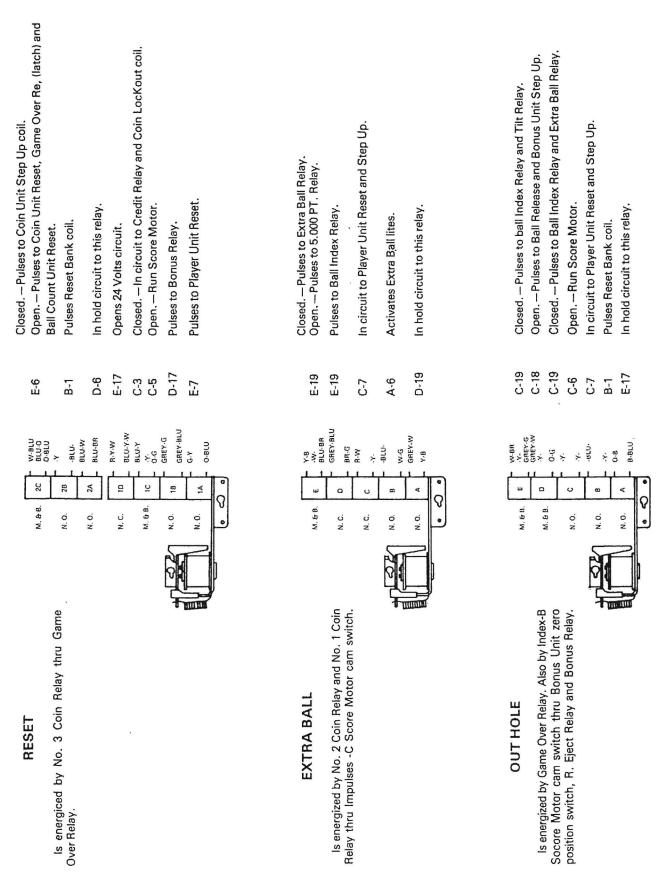
Is energized by No. 3 Coin Switch & Coin Set



COIN SET UP

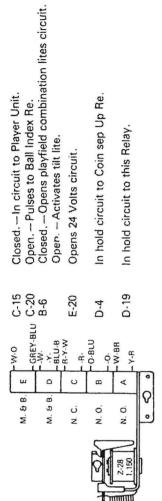
Is energized by No. 1 Coin Re & No. 3 Coin Re.

Closed. —Pulses to No. 3 Coin Re Open. — Pulses to No. 1 Coin Re	In hold Circuit to this Re.	Closed.—Pulses to No. 1 Coin Re Open.—Pulses to No. 3 Coin Re	Pulses to No. 1 Coin Re.	
E-2	E-4	E-2	C-3	
G-W W-P GREY-B	-BLU.	GREY-B Y-R G-W		
M. & B. 2B	N. O. 2A	M. 6-8,	N. O. 1A	8
			M-30	



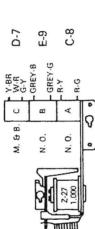
TILT

Is energized by tilt switches thru 3-E Score motor cam SW.



PLAYER RESET

Is energized by Ball Count Unit end of Stroke



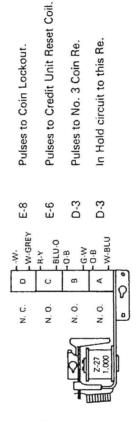
Closed. - Pulses to Player Unit Step Up Coil. Open. - Pulses to Player Unit Reset Coil.

In No. Match Circuit.

In hold circuit to this relay.

CREDIT

Is energized by Credit button thru Game Over & Reset Relays & Ind. A. Score motor Cam SW

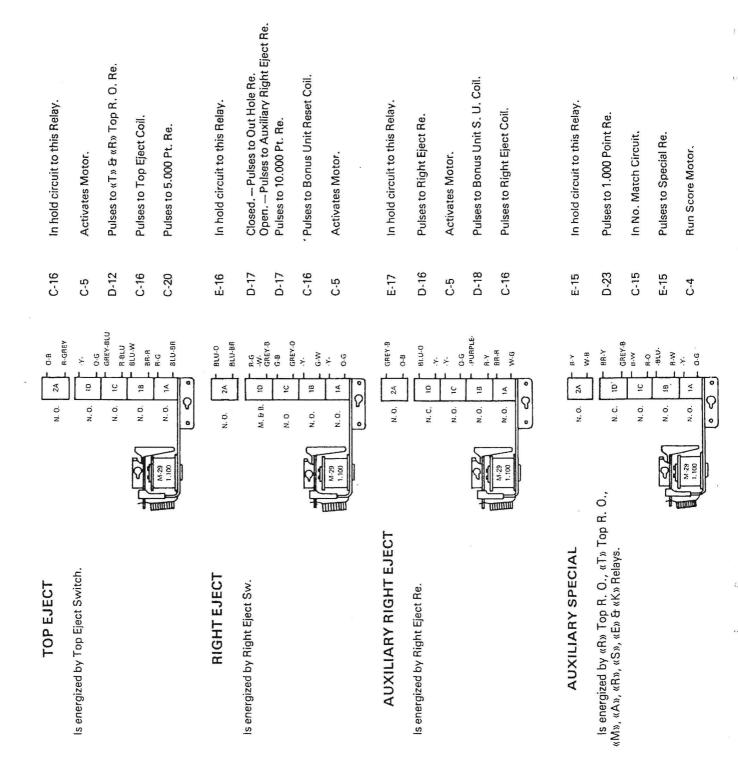


LOCATED ON PLAYFIELD

5,000 PT.

Is energized by Left Top R. O. Button, «R» & «T» R. O., Left & Right Inside R. O. sws. & Top Eject Re.

Run Score Motor.	Pulses to 1.000 Pt. Re.	Pulses to Bonus Unit S. U. Coil.	In hold circuit to this Relay.	
C-5	C-23	D-18	D-20	
101	1 C BR.Y	1 B R-Y	1 A _ 0.B	
Ö.	o ź	0. X	Z. O.	٥
			M-29 1.100	





Is energized by Reset Re. & by Hole Sw. thru Bonus Unit Zero Position Switch.

2A GREY-BLU C-17	ن		1	JR ■ B-BLU	D-18	Pulses to Out Hole Re.
2A GREY-BLU C-17			1	R.G		
ZA CREY.G	2		1	GREY-BLU	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	9	ZA	_1	GREY-G	<u>:</u>	וון ווסום כווכחור נס ווווצ עב

nold circuit to this Relay.

Pulses to 10,000 Pt. Re. C-24

GREY.W

W.0

9

N. O. 0 N N.O.

Pulses to Reset Re. ပ္

BLU-BR

10

٧٠-٢ 9-0

18

≤

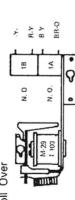
N.O.

Pulses to Bonus Unit Reset Coil. C-16

Activates Score Motor, C-5

ADVANCE BONUS

Is energized by Left & Right Side Roll Over



Pulses to Bonus Unit S. U. Coil. C-18

In hold circuit to this Re. D-22

1 ALTERNATOR

-BLD-GREY-D Y-G .R. v.w GREY-D ٥ U Q M. & B. M. & B. M. E.B. M. F. B. M GB Is energized by No. Match Unit Switch.

Closed. – Pulses to 100 Pt. Re. Open. – Pulses to 1,000 Pt. Re. Closed. – Pulses to 1,000 Pt. Re. E-22 E-22

Closed. - Activates Right Spinning Target Lite. Open. – Activates Left Spinning Target Lite. Closed. – Pulses to 10,000 Pt. Re. Open. - Pulses to 100 Pt. Re. D-15 8-9

Open. – Pulses to 10.000 Pt. Re. Closed. – Pulses to 10.000 Pt. Re. Open. – Pulses to 10.000 Pt. Re. D-15

D-21

M. & B.

Closed. — Pulses to «R» Top R. O. Re. Open. — Pulses to «T» * top R. O. Re. Closed. — Activates C. Bumper, Sepecial on R. O., «E» & «R» Open, — Activates Top Bumper, «R» & «E» Special R. O. Lites. Closed. — Pulses to «E» Re. Open. — Pulses to «K» Re. Lites. B-8

D-21

2 ALTERNATOR

Is energized by No. Match Unit Switch.

LOCATED IN BACKBOX

Pulses to Medium Chime Coil. Pulses to 10,000 PT. Relay. In hold circuit to this relay. Pulses to Ball Index Relay. In hold Circuit to this Relay, Pulses to Large Chime Coil. Pulses to 100,000 PT. D.U. Pulses to 1,000 Pt. D.U. Pulses to 10,000 PT. D.U. Pulses to Ball Index Re. In hold circuit to this Relay. Pulses to Small Chime Coil. Pulses to 1,000 PT. Relay. Pulses to Ball Index Relay. Pulses to Credit Unit. Pulses to 100 PT. D.U. D-19 0-25 C-17 C-12 C-13 E-26 D-27 C-17 D-20 D-18 E-28 C-13 C-14 E-10 E-24 C-17 8.G 0-BLU GREY-0 BR.Y W.BR ×.R W.G BR-G W.0 -BLU-R W-BR BR-G - W-BR 0-R F BR.Y B-G 2 A 0 2 18 4 N. O. 2A 10 2 A 0 N. O. 1A N. O. 2B N. O. 1 D . 8 18 N. O. 1A N. O. 1C 8 o. o z N. O. O.Y o, v . 0 N.O. o, x O.N N. O. Is energized by 1.000 PT. D. U. Closed at 9th. position Sw. Thru 1.000 PT. Re. Also by MA'RS & TREK Targets Combination thru «M», «A», «R», «S», «T», & «R» Top R. O., «E» Relays; & by Bonus Re. thru Double Bonus & Reset Re. Is energized by 100 PT. D.U. closes at 9th. po-Is energized by Roll Over Button **10,000 POINTS** 1,000 POINTS 100 POINTS sition SW. thru 100 PT. Re. & Bumper Switches.

8

