

namco

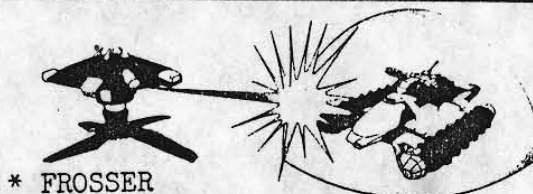
GROBDA

* LET'S SHOOT DOWN ENEMY.

* DESTROY ENEMY BY CANNON BEAM.



* AVOID ENEMIE'S ATTACK BY SEALED.



* WATCH OUT
ENERGY
GAURGE.

* NOT
APPEAR
SEALED.

* AVOID
ONLY
BEAM.

* AVOID
INDUCED
BEAM.

***** ROUND SELECT *****

* KEEP PUSHING CANNON BUTTON,
YOU CAN SELECT YOUR FAVORITE ROUND
WITH START BUTTON.

* GAME IS OVER WHEN ALL GROBDA KILLED BY ENEMIES.

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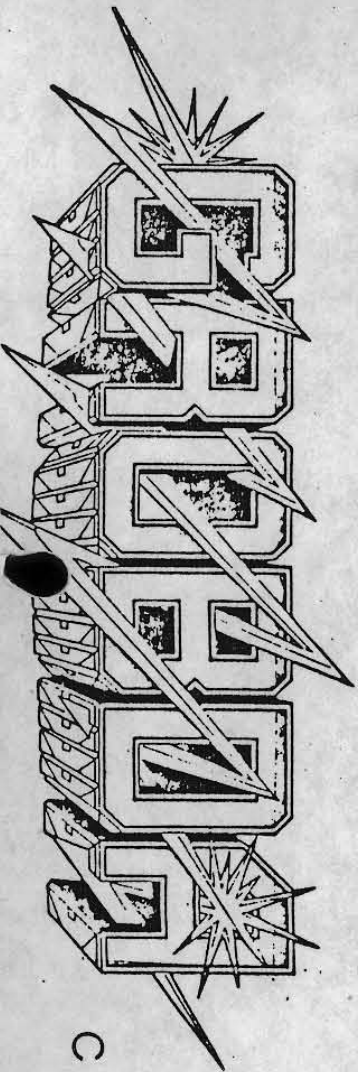
| PARTS SIDE | | | |
|----------------|---|----|----------------|
| GND | A | 1 | GND |
| SP (+) | B | 2 | SP (-) |
| | C | 3 | COIN COUNTER 1 |
| 1P START LAMP | D | 4 | 2P START LAMP |
| +12V | E | 5 | +12V |
| +5V | F | 6 | +5V |
| GND | H | 7 | GND |
| SERVICE SW | J | 8 | TEST SW |
| COIN 1SW | K | 9 | COIN 2SW |
| 1P START SW | L | 10 | 2P START SW |
| P1 CANNON SW | M | 11 | P2 CANNON SW |
| P1 LEFT SW | N | 12 | P2 LEFT SW |
| P1 DOWN SW | P | 13 | P2 DOWN SW |
| P1 RIGHT SW | R | 14 | P2 RIGHT SW |
| P1 UP SW | S | 15 | P2 UP SW |
| | T | 16 | |
| | U | 17 | |
| | V | 18 | |
| P1 SEALED SW | W | 19 | P2 SEALED SW |
| | X | 20 | |
| COIN COUNTER 2 | Y | 21 | TABLE TO GND |
| GND | Z | 22 | GND |

| | |
|---|-----------|
| 1 | VIDEO RED |
| 2 | " GREEN |
| 3 | " BLUE |
| 4 | " SYNC |
| 5 | " GND |
| 6 | |

| | | |
|---|------|----|
| 1 | +12V | 1A |
| 2 | GND | |
| 3 | +5V | 1A |

DIP. SW A

| TEST | NORMAL TEST | DIP. SW A | | | | | | | | |
|--------|-------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| COIN 1 | 1 COIN / 3 CREDIT | OFF | ON | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| | 1 " 4 " | ON | OFF | ON | OFF | OFF | OFF | OFF | OFF | OFF |
| | 1 " 2 " | ON | ON | ON | ON | ON | ON | ON | ON | ON |
| | 1 " 1 " | ON | ON | ON | ON | ON | ON | ON | ON | ON |
| COIN 2 | 2 " 1 " | ON | OFF | ON | ON | ON | ON | ON | ON | ON |
| | 2 " 3 " | ON | OFF | ON | ON | ON | ON | ON | ON | ON |
| | 3 " 1 " | ON | ON | ON | ON | ON | ON | ON | ON | ON |
| | 4 " 1 " | ON | ON | ON | ON | ON | ON | ON | ON | ON |
| SCREEN | 1 COIN / 3 CREDIT | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| | 1 " 4 " | ON | OFF | ON | OFF | OFF | OFF | OFF | OFF | OFF |
| | 1 " 2 " | ON | ON | ON | ON | ON | ON | ON | ON | ON |
| | 1 " 1 " | ON | ON | ON | ON | ON | ON | ON | ON | ON |
| SCREEN | 2 " 1 " | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| | 2 " 3 " | ON | OFF | ON | ON | ON | ON | ON | ON | ON |
| | 3 " 1 " | ON | ON | ON | ON | ON | ON | ON | ON | ON |
| | 4 " 1 " | ON | ON | ON | ON | ON | ON | ON | ON | ON |
| SCREEN | NORMAL STOP | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| | 1 " 4 " | ON | OFF | ON | OFF | OFF | OFF | OFF | OFF | OFF |
| | 1 " 2 " | ON | ON | ON | ON | ON | ON | ON | ON | ON |
| | 1 " 1 " | ON | ON | ON | ON | ON | ON | ON | ON | ON |



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