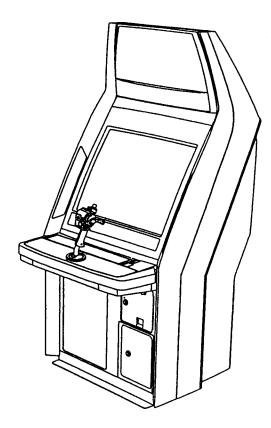
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OWNER'S MANUAL STD VERSION



SEGA ENTERPRISES, USA

MANUAL NO. 4201-6394-01

Warranty

Your new Sega Product is covered for a period of 90 days from the date of shipment. This certifies that the Printed Circuit Boards, Power Supplies and Monitor are to be free of defects in workmanship or materials under normal operating conditions. This also certifies that all Interactive Control Assemblies are to be free from defects in workmanship and materials under normal operating conditions. No other product in this machine is hereby covered.

Sellers sole liability in the event a warranted part described above fails shall be, at its option, to replace or repair the defective part during the warranty period. For Warranty claims, contact your Sega Distributor.

Should the Seller determine, by inspection that the product was caused by Accident, Misuse, Neglect, Alteration, Improper Repair, Installation or Testing, the warranty offered will be null and void.

Under no circumstances is the Seller responsible for any loss of profits, loss of use, or other damages.

This shall be the exclusive written Warranty of the original purchaser expressed in lieu of all other warranties expressed or implied. Under no circumstance shall it extend beyond the period of time listed above.

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| SPECIFICATIONS | | | |
|------------------------|-------------------------|--|--|
| Installation space: | 37 in.(L) x 30 in.(W) | | |
| Height: | 65 in. | | |
| Weight: | Approx. 223 lbs. | | |
| Power maximum current: | 1.8 Amp AC 120V 60 Hz | | |
| MONITOR: | 29″ 3-mode scan display | | |

INTRODUCTION OF THE OWNERS MANUAL

SEGA ENTERPRISES, LTD., has for more than 30 years been supplying various innovative and popular amusement products to the world market. This Owners Manual is intended to provide detailed descriptions together with all the necessary installation, game settings and parts ordering information related to the SEGA BASS FISHING U/R, a new SEGA product.

This manual is intended for those who have knowledge of electricity and technical expertise, especially in ICs, CRTs, microprocessors, and circuit boards. Read this manual carefully to acquire sufficient knowledge before working on the machine. Should there be a malfunction, non-technical personnel should under no circumstances touch the interior system. Should the need arise, contact our main office, or the closest branch office listed below.

SEGA ENTERPRISES, INC. (USA)

Customer Service

45133 Industrial Drive
Fremont, CA 94538
Phone 650-802-1750
Fax 650-802-1754
7:30 am - 4:00 pm, Pacific Standard Time
Monday thru Friday

Follow Instructions: All operating and use instructions should be followed.

Attachments: Do not use attachments not recommended by the product manufacturer as they may cause hazards.

Accessories: Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use only mounting accessories recommended by the manufacturer.

Moving the Product: This product should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product to overturn.

Ventilation: Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of the product and to protect it from overheating; these openings must not be blocked or covered. The openings should never be blocked by placing the product in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

Power Sources: This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your location, consult your local power company. For products intended to operate from battery power or other sources, refer to the operating instructions.

Grounding or Polarization: This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

Power Cord Protection: Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

Overloading: Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

Object and Liquid Entry: Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

Servicing: Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Damage Requiring Service: Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a) If the power cord or plug is damaged;
- b) If liquid has been spilled, or objects have fallen into the product;
- c) If the product has been exposed to rain or water;
- d) If the product does not operate normally when following the operating instructions. Adjust only those controls that are explained in the operating instructions. An improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation;
- e) If the product has been dropped or damaged in any way;

f) When the product exhibits a distinct change in performance; this indicates a need for service.

Replacement Parts: When replacement parts are required, be sure the service technician has used replacements parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

Safety Check: Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

Heat: The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Lithium Battery- Dispose of batteries only in accordance with the battery manufacturer's recommendations. Do not dispose in an open flame condition, since the battery may explode.

Cleaning: When cleaning the monitor glass, use water or glass cleaner and a soft cloth. Do not apply chemicals such as benzine, thinner, etc.

Location: This an indoor game machine, DO NOT install it outside. To ensure proper usage, avoid installing indoors in the places mentioned below:

- Places subject to rain/water leakage, or condensation due to humidity;
- In close proximity to a potential wet area;
- Locations receiving direct sunlight;
- Places close to heating units or hot air;
- •In the vicinity of highly inflammable/volatile chemicals or hazardous matter;
- On sloped surfaces;
- In the vicinity of emergency response facilities such as fire exits and fire extinguishers;
- Places subject to any type of violent impact;
- Dusty places.

INSTALLATION PRECAUTIONS

• Verify the amperage of the branch circuit outlet before plugging in the power plug. Do not overload the circuit.

• Avoid using an extension cord. If one is required, use an extension cord of type SJT, 16/3 AWG rated min. 120 VAC, 7A.

- Moving this unit requires a minimum clearance (of doors, etc.) of 32" (W) by 77" (H).
- For the operation of this machine, secure a minimum area of 32" (W) by 42"(D).

REGULATORY APPROVALS

This game has been tested and found to comply with the Federal Communications Commission Rules.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This game has been tested and listed by Underwriters Laboratories, Inc., to ANSI/UL22.



1. PRECAUTIONS TO BE HEEDED FOR OPERATION

In order to prevent accidents, be sure to comply with the following points before and during operation.

PRECAUTIONS TO BE HEEDED FOR OPERATION BEFORE STARTING THE OPERATION



- In order to avoid accidents, check the following before starting the operation: Check if all of the adjusters are in contact with the surface. If they are not, the cabinet can move and cause an accident.
- Do not climb on the product. Climbing on the product can cause falling down accidents. To check the top portion of the product, use a step.
- To avoid electric shock, check to see if door & cover parts are Locked.
- To avoid electric shock, short circuit and or parts damage, do not put the following items on or in the periphery of the product:
- Flower vases, flower pots, cups, water tanks, cosmetics, and receptacles/ containers/vessels containing chemicals and water.



To avoid injury, be sure to provide sufficient space by considering the potentially crowded situation at the installation location. Insufficient installation space can cause the player to come into contact with or hit others and result in injury or trouble.

PRECAUTIONS TO BE HEEDED DURING OPERATION



To avoid injury and accidents, those who fall under the following catagories are not allowed to play the game:

- * Intoxidated persons.
- * Those who have high blood pressure or heart problems.
- * Those who have experienced muscle convulsion or loss of consciousness when playing video games, etc.
- * Persons susceptible to motion sickness.
- * Persons whose acts runs counter to the products warning displays.

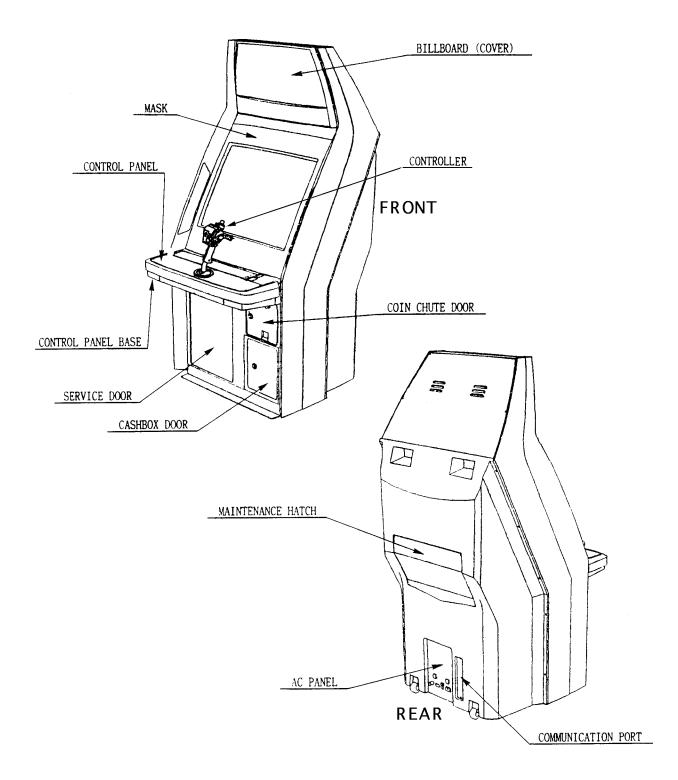


To avoid electric shock and short circuit, do not allow customers to put hands and fingers or extraneous matter in openings of the product or small openings in or around doors.

To avoid falling down and injury resulting from falling down, immediatly stop the customer's leaning against or climbing on the product, etc.

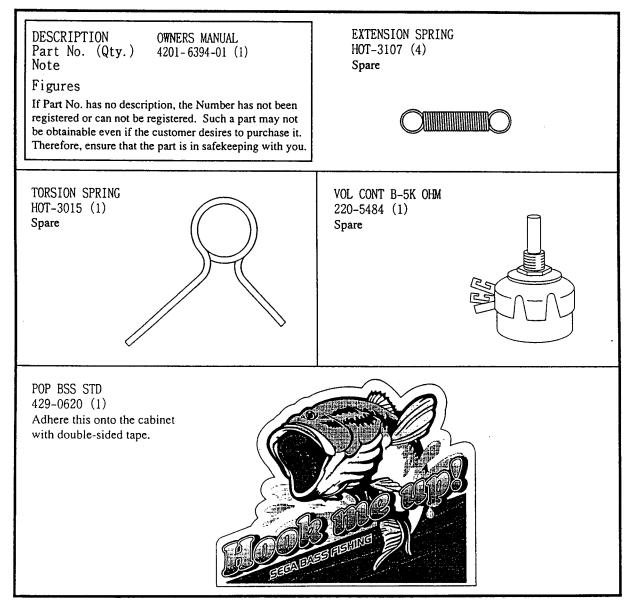
To avoid electric shock and short circuit, do not allow the customers to unplug the power plug without a justifiable reason.

2. NAME OF PARTS



| GAME SPECIFICATIONS | WIDTH | | LENGTH | | HEIGHT | WEIGHT |
|---------------------|--------------------------------|---|--------|---|--------|----------|
| | All measurements are in inches | | | | | |
| WHEN ASSEMBLED | 30" | Х | 37" | X | 65" | 223 LBS. |

3. ACCESSORIES

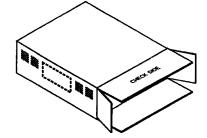




THE SHIPMENT METHOD DESCRIBED BELOW ONLY APPLIES TO 'MODEL 3' BOARDS CONTAINED IN THE FOLLOWING GAMES:

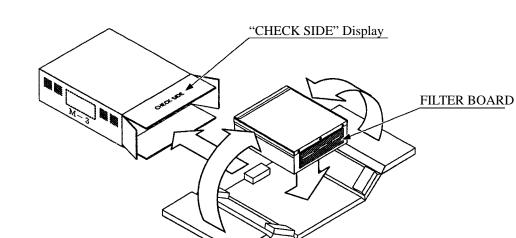
LOST WORLD, VIRTUA FIGHTER 3, SUPER GT, **SEGA BASS FISHING**, STRIKER 2, DAYTONA 2, RALLY, HARELY DAVIDSON

!!NEVER SHIP MODEL 3 GAME BOARDS OUTSIDE OF CAGE!!



CARTON BOX 601-8928 (1) Used for transporting the GAME BOARD. {SUPPLIED WITH YOUR GAME}

DO NOT SHIP GAME BOARD WITHOUT THIS BOX AS IT MAY DAMAGE THE GAME BOARD AND VOID YOUR WARRANTY.





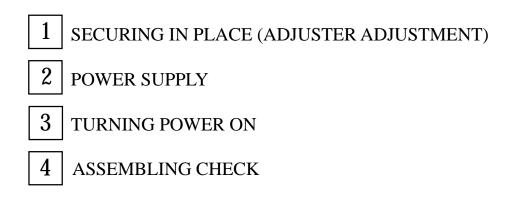
NO OTHER GAMES BOARDS ARE TO BE SHIPPED IN THE CAGE AS THEY MAY BE DAMAGED BEYOND REPAIR. PLEASE SHIP THEM WITHOUT CAGE PROPERLY PROTECTED DURING SHIPPING.

4. ASSEMBLING AND INSTALLATION



Assembling should be performed as per this manual. Since this is a complex machine, erroneous assembling may cause damage to the machine, or malfunctioning to occur. When assembling, be sure to perform work by plural persons. Depending on the assembly work, there are some cases in which performing the work by a single person can cause personal injury or parts damage.

When carrying out the assembly work, follow the procedure in the following 4-item sequence:



Note that the tools such as a phillips screwdriver and wrench for M16 hexagon bolt w/24 mm width across flats are required for the assembly work.



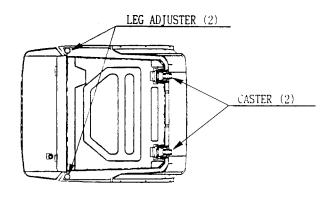


1

Be sure to have all the Adjusters make contact with the surface. Unless the Adjusters come into contact with the surface, the Cabinet can move of itself, causing an accident.

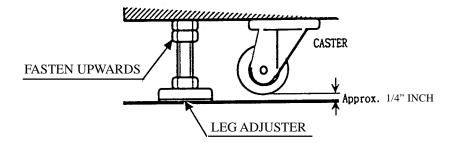
This machine has 2 each of casters and adjusters (shown below). When the installation position is determined, cause the adjusters to come into contact with the floor directly, make adjustments in a manner so that the casters will be raised approximately 5mm. from the floor and make sure that the machine position is level.

-) Move the machine to the installation position.
- 2 Cause all of the leg adjusters to make contact with the floor. By using a wrench, make adjustments in the height of the leg adjusters to ensure that the machine's position is level.
- 3 After making adjustments, fasten the leg adjuster nut upward and secure the height of the leg adjuster.



BOTTOM VIEW

- 4) Depending on the floor surface status of the installation location, the Rear Cabinet may move of itself. As shown, the NON-SLIP SHEET is attached to the back side of the CAUTION MAT. Ensure that the Adjuster is installed in the manner to match the position of NON-SLIP SHEET
- $\overline{5}$ After making adjustments, fasten the adjuster nut upwards and secure the height of the adjuster





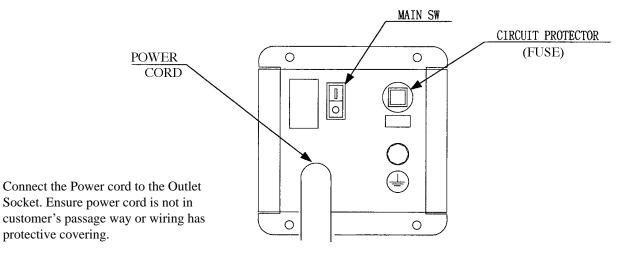


(2)

Ensure that the power cord is not exposed on the surface (passage, etc.). If exposed, they can be caught and are susceptible to damage. If damaged, the cord can cause an electric shock or short circuit. Ensure that the wiring position is not in the customer's passage way or the wiring has protective covering.

The AC unit is mounted on the left side of Front Cabinet DX. The AC Unit incorporates the Main SW, Earth Terminal and Inlet. Firmly insert the Power Plug into the Socket Outlet and the other side of the plug to the Inlet. Turn the Main SW ON to turn power ON.

(1) Ensure that the Main SW is OFF.



3 TURNING POWER ON

To turn power on, turn the AC Unit's Main SW on.

The Billboard's Fluorescent Lamp lights up and images will be outputted on the projector.

Background music (BGM) is outputted during ADVERTISE from the speaker. However, this BGM is not emitted if "No BGM output during ADVERTISE" is set.

ASSEMBLING CHECK

4

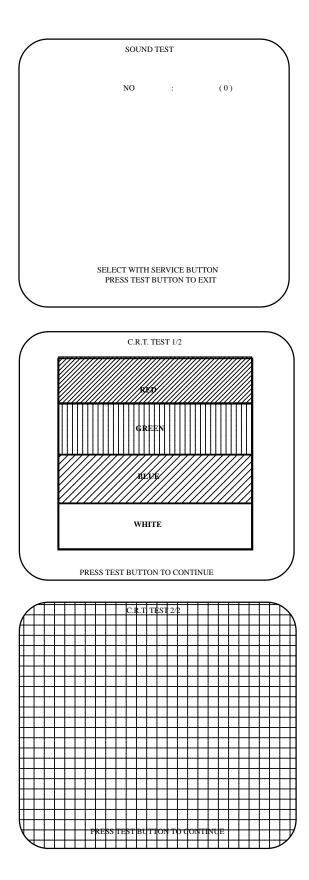
The TEST MENU allows for each part of the cabinet to be checked, the Monitor to be adjusted, and the coin and game related various functions to be performed.

| CPUROM TEST GOOD (CROMOB BANK) IC.1 GOOD (CROMOB BANK) IC.3 GOOD (CROMOB BANK) IC.4 GOOD (CROMOB BANK) IC.5 GOOD (CROMOB BANK) IC.1 GOOD (CROMOB BANK) IC.10 GOOD (CROMOB BANK) IC.11 GOOD (CROMOB BANK) IC.13 GOOD (CROM3B BANK) IC.13 GOOD (CROM3B BANK) IC.14 GOOD (CROM3B BANK) IC.13 GOOD (CROM3B BANK) IC.14 GOOD (CROM3B BANK) IC.13 GOOD (CROM3B BANK) IC.14 GOOD (CROM3B BANK) IC.14 GOOD (CROM3B BANK) IC.17 GOOD (CROM3B BANK) IC.18 SELECT OFF SELST OFF <th></th> <th></th> <th></th> <th></th> <th></th> | | | | | |
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| GOOD (CROMUS BANK) IC.8 ***** GOOD (CROM23 BANK) IC.10 ***** GOOD (CROM21 BANK) IC.11 ***** GOOD (CROM32 BANK) IC.13 ***** GOOD (CROM33 BANK) IC.13 ***** GOOD (CROM33 BANK) IC.15 ***** GOOD (CROM3) BANK) IC.16 ***** GOOD (CROM3) IC.17 ***** GOOD (CROM3) IC.18 ***** GOOD (CROM1) IC.19 ***** GOOD (CROM1) IC.20 ***** PRESS TEST BUTTON TO EXIT | | · · · · · · · · · · · · · · · · · · · | | | |
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| GOOD (CROM32 BANK) IC.15 ***** GOOD (CROM31 BANK) IC.15 ***** GOOD (CROM3) BANK) IC.16 ***** GOOD (CROM3) IC.17 ***** GOOD (CROM2) IC.18 ***** GOOD (CROM0) IC.20 ***** PRESS TEST BUTTON TO EXIT | | · · · · · · · · · · · · · · · · · · · | | | |
| GOOD (CROM3) BANK) IC.15 ***** GOOD (CROM3) BANK) IC.16 ***** GOOD (CROM3) IC.17 ***** GOOD (CROM1) IC.18 ***** GOOD (CROM1) IC.20 ***** PRESS TEST BUTTON TO EXIT NPUT TEST CAST OFF SELECT OFF COIN OFF TEST OFF TEST OFF TEST OFF TEST OFF ROD X 80H REEL SPEED 80H STICK X 80H STICK X 80H STICK Y 80H PRESS TEST BUTTON TO EXIT OUTPUT TEST SAC MOTOR OFF REEL BREAK OFF EXIT SELECT WITH SERVICE BUTTON AND | | | | | |
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| GOOD (CROM2) IC.18 ***** GOOD (CROM2) IC.19 ***** GOOD (CROM0) IC.20 ***** PRESS TEST BUTTON TO EXIT INPUT TEST CAST OFF SELECT OFF SERVICE OFF TEST OFF ROD X 80H ROD Y 80H REEL SPEED 80H STICK X 80H STICK Y 80H PRESS TEST BUTTON TO EXIT AC MOTOR OFF REEL BREAK OFF EXIT SELECT WITH SERVICE BUTTON AND | | | | | |
| GOOD (CROMI) IC.10 ***** GOOD (CROMO) IC.20 ***** PRESS TEST BUTTON TO EXIT | | | | | |
| GOOD (CROMO) IC.20 ***** PRESS TEST BUTTON TO EXIT NPUT TEST CAST OFF SELECT OFF COIN OFF SERVICE OFF TEST OFF ROD X 80H ROD Y 80H REEL SPEED 80H STICK Y 80H PRESS TEST BUTTON TO EXIT PRESS TEST BUTTON TO EXIT AC MOTOR OFF CLUTCH OFF REEL BREAK OFF EXIT SELECT WITH SERVICE BUTTON AND | | | | | |
| PREST BUTTON TO EXIT INPUT TEST CAST OFF SERVICE OFF SERVICE OFF TEST OFF ROD X 80H ROD X 80H SELEST BUTTON TO EXIT PREST EST BUTTON TO EXIT OUTPUT TEST OUTPUT TEST SELECT WITH SERVICE BUTTON AND | | | | **** | |
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| ROD Y 80H REEL SPEED 80H STICK X 80H STICK Y 80H PRESS TEST BUTTON TO EXIT OUTPUT TEST >AC MOTOR OFF CLUTCH OFF REEL BREAK OFF EXIT SELECT WITH SERVICE BUTTON AND | | TEST | OFF | | |
| ROD Y 80H REEL SPEED 80H STICK X 80H STICK Y 80H PRESS TEST BUTTON TO EXIT OUTPUT TEST >AC MOTOR OFF CLUTCH OFF REEL BREAK OFF EXIT SELECT WITH SERVICE BUTTON AND | | | | | |
| REEL SPEED 80H STICK X 80H STICK Y 80H PRESS TEST BUTTON TO EXIT OUTPUT TEST -AC MOTOR OFF CLUTCH OFF REEL BREAK OFF EXIT SELECT WITH SERVICE BUTTON AND | | ROD X | 80H | | |
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| STICK Y 80H PRESS TEST BUTTON TO EXIT OUTPUT TEST >AC MOTOR OFF CLUTCH OFF REEL BREAK OFF EXIT SELECT WITH SERVICE BUTTON AND | | | | | |
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| OUTPUT TEST >AC MOTOR OFF CLUTCH OFF REEL BREAK OFF EXIT SELECT WITH SERVICE BUTTON AND | | | | | |
| OUTPUT TEST >AC MOTOR OFF CLUTCH OFF REEL BREAK OFF EXIT SELECT WITH SERVICE BUTTON AND | | | | | |
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| | | SEI ECT WITH OF | VICE BUTTON | ND | |
| PRESS TEST BUTTON TO EXIT | 1 | | | |) |
| | \ \ | | | | |

Selecting the MEMORY TEST on the test mode menu screen causes the on-board memory to be tested automatically. The game board is satisfactory if the display beside each IC No. shows GOOD.

Selecting the INPUT TEST on the menu screen in the test mode to display the screen on which each SW and Volume is tested. Press each switch. (To check the Coin SW, insert a Coin from the inlet with the Coin Chute Door being opened.) If the display beside each switch is ON, the switch and wiring connection are satisfactory. Check the display of each Volume value. The Volume could have an irregularity caused by differences between machines and vibration during transportation. Set the Volume values by referring to Section ?

In the output test mode, carry out lamp test to ascertain that each lamp lights up satisfactorily.



In the TEST mode, selecting SOUND TEST causes the screen, on which sound related BD and wiring connections are tested, to be displayed. be sure to check if the sound is satisfactorily emitted from each of speaker and the sound volume is appropriate.

In the TEST mode menu, selecting C.R.T. TEST allows the screen (on which the projector is tested) to be displayed. Although the projector adjustments have been made at the same time of shipment from the factory, color deviation, etc., may occur due to the effect caused by geomagnitism, the location building's steel frames and other game machines in the periphery. By watching the test mode screen, make judgement as to whether an adjustment is needed. If it is neccessary, adjust the projector by refering to Section 9.

Perform the above inspections also at the time of monthly inspection.

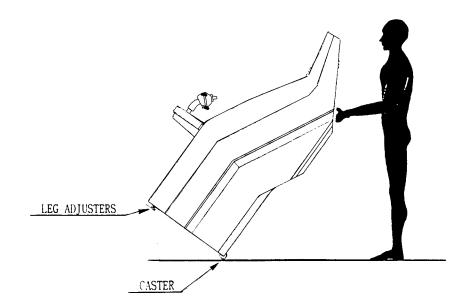
5. PRECATIONS TO BE HEEDED WHEN MOVING THE MACHINE



- When moving the machine, be sure to pull out the plug from the power supply. Moving the machine with the plug as is inserted can damage the power cord and cause a fire or electric shock.
- When moving the machine on the floor, retract the Adjusters and ensure that Casters make contact with the floor. During transportation, pay careful attention so that Casters do not tread power cords. Damaging the power cords can cause an electric shock and/or short circuit.
- When lifting the cabinet, be sure to hold the catch portions or bottom part. Lifting the cabinet by holding other portions can damage parts and installation portions, due to the empty weight of the cabinet, and cause personal injury.



Use care when handling glass made parts. When the glass is damaged, fragments of glass can cause injury

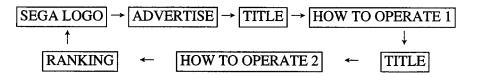


6. CONTENTS OF GAME

The following are operations and responses obtained when the machine functions satisfactorily. Any functioning different from the following may have been caused by a certain fault. Immediately investigate and eliminate the cause of malfunctioning to ensure satisfactory operation.

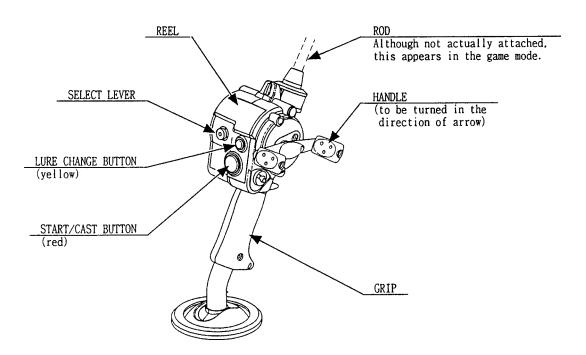
HOW TO PLAY

The ADVERTISE mode appearing on the screen before game play is comprised of the following:

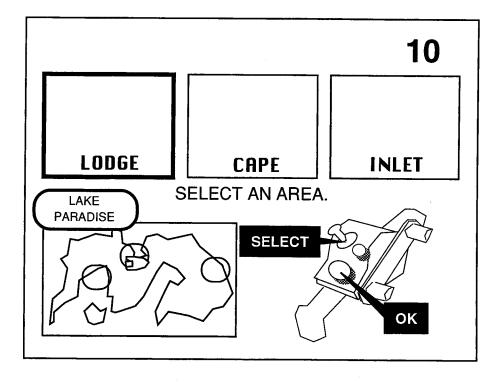


In this game, satisfying the condition of "CLEAR WEIGHT" (the total weight of bass fished up) preset for each area within the time limit results in a STAGE CLEAR. If you continue when the time is up, however, the current total weight will remain effective. Clearing all of the Areas allows you to proceed to the Special Stage where huge bass reside. The player who fishes up big bass can rank among the BIG BASS RANKING players by entering his name.

This game employs an exclusively used Special Controller inclusive of the Game Start Button.

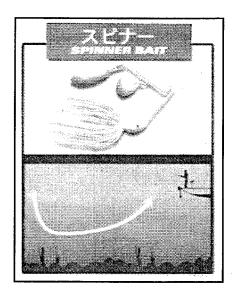


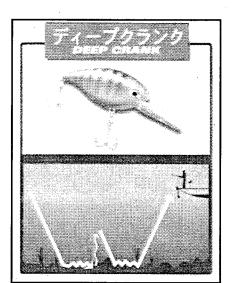
- 1) Insert a coin(s). Up to 9 credits can be counted at one time. Coins inserted after counting 9 credits will neither be counted nor returned.
- 2) Select a Fishing area from among the 3 Areas of Lake Paradise (a virtual lake). Choose with SELECT LEVER and decide by START/CAST button.



LODGE CAPE INLET

3) Then, select the LURE. Select with the SELECT LEVER and decide by START/CAST button. Each type of lure has specific characteristics (for example, some may be appropriate for a certain depth of water while others may be suitable for a specific action, time zone, or status of desired bass). By considering these factors, using lures in the most efficient manner will contribute to increasing the bass fishing-up rate. The characteristics of each type of lure are as follows:



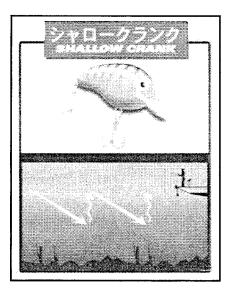


SPINNER BAIT (EASY)

Attract bass with this bait while reeling at a constant speed, or stopping to reel sometimes to allow for blade glistening.

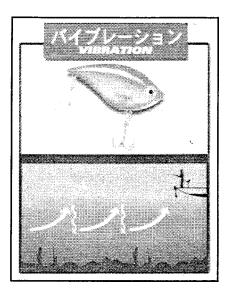
DEEP CRANK (EASY)

This type is used for deep water. Have the lure hit the bottom and reel, then repeat real and stop action.



SHALLOW CRANK (EASY)

This is used for shallow water. Have the lure hit the bottom and reel, then repat reel and stop motion.



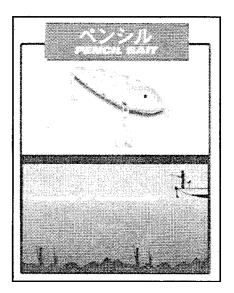


Attract bass by reeling at the constant speed or having the lure hit an obstacle such as a stone, driftwood, etc. to cause irregular movements.

<section-header>

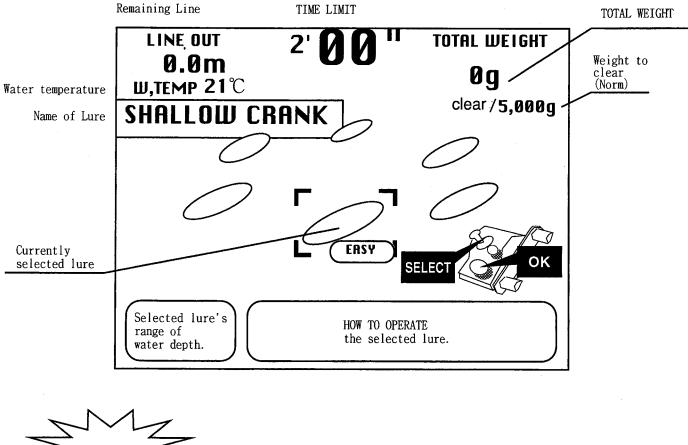
MINNOW/ JERK BAIT (NORMAL)

Attract bass by reeling at a constant speed and jerking the rod to reel so that the lure will look like a small fish making a quick escape.



PENCIL BAIT (DIFFICULT)

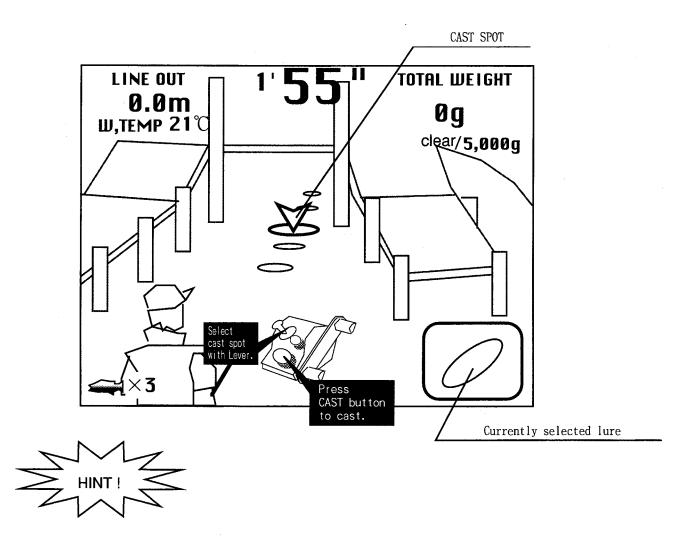
Attract bass to the water surface by reeling the rod while repeating the slightly twitching motion to have the lure look like a smalll fish of insects writhing on the surface.



HINT !

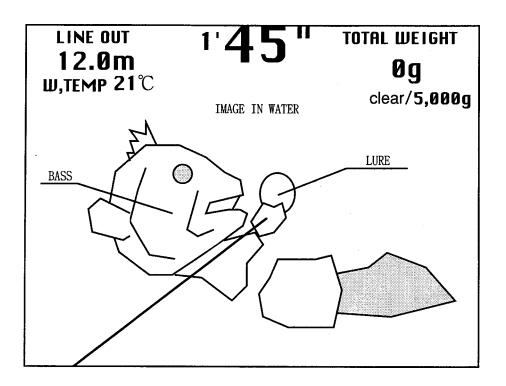
Try to master the best lure and the most appropriate action to catch a big fish.

(4) After the lure is decided, set the CAST spot (where to cast the lure). Select with the SELECT LEVER and decide by START/CAST button. Press the START/CAST button to have the lure cast automatically (at this time the player does not have to do the cast movement).



Having its own territory, a big fish is hiding at a certain point in each area depending on the time zone and water temperatures. Cast in various points and find where the big one is.

(5) When the lure hits the surface, turn the reel handle, move the rod, and activate the lure to attract bass.

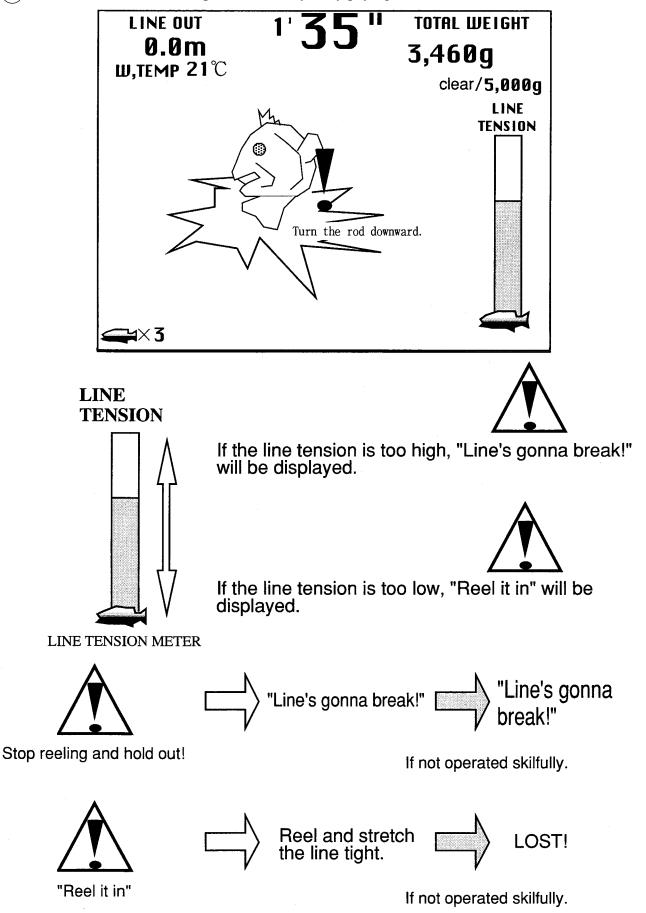


When bass snaps at the lure, pull the rod towards you by hooking up.

For timely hooking......FISH! is displayed. For untimely hooking.....MISS! is displayed.

For a successful hooking, HIT BONUS time is added depending on the size of the hit bass.

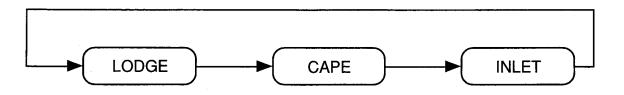
(6) When the bass is hooked, pull it towards you by paying attention to LINE TENSION METER.



(7) When the bass is fished up, the following 5-step display &WEIGHT to be added to the total weight are shown. Then, BONUS TIME is added depending on the weight of the bass.

SMALL ONE MEDIUM BIG ONE SUPER BIG RECORD SIZE

(8) If the total wieght exceeds the Norm weight, the player can proceed to the next Area. The next Area will be determined automatically as shown.



(9) Clearing all of the Areas allows the player to proceed to the Special Area where lots of big ones are.

* Everytime the player catches 4 basses, the Special Lure will be awarded. Continued use of the lure is allowed in cases of CONTINUE and AREA CLEAR.

* When the player catches a big bass and ranks in the BIG BASS RANKING, he can enter his name. Only the Black Bass is counted for the ranking.

7 . EXPLANATION OF TEST AND DATA DISPLAY

By operating the switch unit, periodically perform the tests and data check. When installing the machine initially or collecting cash, or when the machine does not function correctly, perform checking in accordance with the explanations given in this section. The following shows tests and modes that should be utilized as applicable.

| ITEMS | DESCRIPTION | SECTIONS |
|----------------------------|--|---------------|
| | When the machine is installed, perform the following: | |
| INSTALLATION OF MACHINE | 1. Check to see that each setting is as per standard setting made at the time of shipment. | 7 - 9, 7 - 10 |
| | 2. In the INPUT TEST mode, check each SW and VR. | 7 - 5 |
| | 3. In the OUTPUT TEST mode, check each of lamps. | 7 - 6 |
| | 4. In the MEMORY TEST mode, check ICs on the IC Board. | 7 - 3, 7 - 4 |
| MEMORY | Choose MEMORY TEST in the MENU mode to allow the MEMORY test to be performed. In this test, PROGRAM RAMs, ROMs, and ICs on the IC Board are checked. | |
| PERIODIC | Periodically perform the following: | |
| SERVICING | 1. MEMORY TEST | 7 - 3, 7 - 4 |
| | 2. Ascertain each setting. | 7 - 9, 7 - 10 |
| | 3. In the INPUT TEST mode, test the CONTROL device | 7 - 5 |
| | 4. In the OUTPUT TEST mode, check each of lamps. | 7 - 6 |
| CONTROL | 1. In the INPUT TEST mode, check each SW and VR. | 7 - 5 |
| SYSTEM | 2. Adjust or replace each SW and VR. | 8 |
| | 3.If the problem can not be solved yet, check the CONTROL's moves. | 8 |
| PROJECTOR | In the PROJECTOR ADJUSTMENT mode, check to see if the PROJECTOR adjustment is appropriately made. | 7 - 8 |
| IC BOARD | 1. MEMORY TEST | |
| | 2. In the SOUND TEST mode, check the sound related ROMs. | 7 - 7 |
| DATA CHECK | Check such data as game play time and histogram to adjust the difficulty level, etc | 7 - 12 |

TABLE 7EXPLANATION OF TEST MODE

7 - 1 COIN METER, INTERNAL SWITCHES, AND SWITCH UNIT

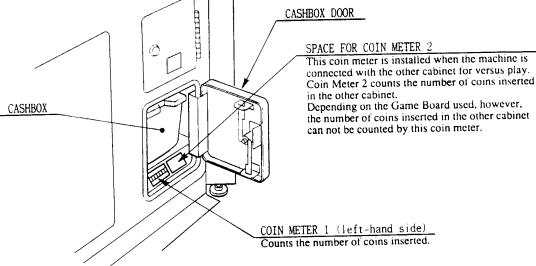
COIN METER



If the COIN METER and the Game Board are electronically disconnected, game play is not possible.

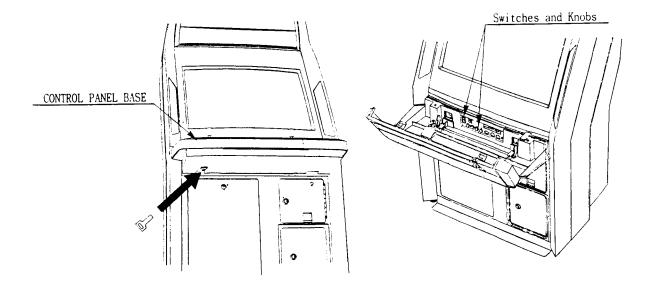
Do not touch places other than those specified. Touching places other than those specified can cause an electric shock or short circuit accident.

The Coin Meter is in the CASHBOX door.



INTERNAL SWITCHES

The Control Panel Base can be opened by unlocking the backside lock.



SWITCH UNIT

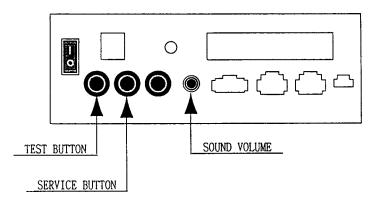


Never touch places other than those specified. Touching places not specified can cause electric shock and short circuit.



- Adjust to the optimum sound volume by considering the environmental requirements of the installation location.
- If the COIN METER and the game board are electrically disconnected, game play is not possible.

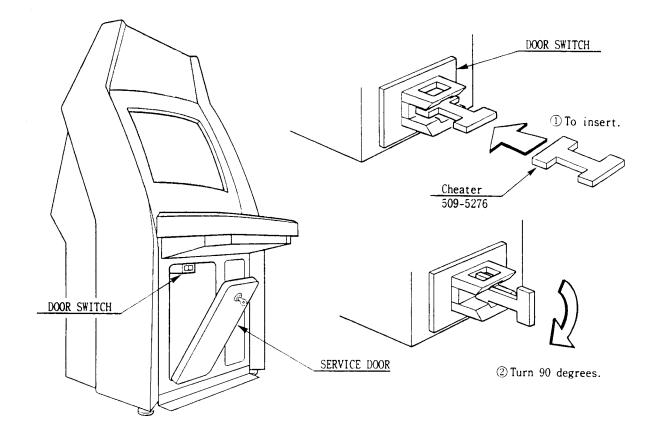
The Control Panel Base can be opened by unlocking the backside lock. Internal switches will appear when the Base is opened



TEST SWITCH Allows for entering the Test Mode of Game BD.
 SERVICE SWITCH SERVICE CREDIT SW. Used without registering on the Coin Meter.
 SOUND VOLUME Adjust the Speaker Volume.

DOOR SWITCH

When the service door is removed, the door switch functions to turn power off automatically. To turn power on the with the service door as is removed, use the accessory Cheater as per the (1)-(2) procedure below.



7 - 2 TEST MODE

This mainly checks if the operation of the game BD is accurate, and allows for COIN ASSIGNMENTS/GAME ASSIGNMENTS setting and Projector adjustments.

| TEST MENU CPU MEMORY TEST VIDEO MEMORYTEST BOUNDRY SCAN TEST INPUT TEST OUTPUT TEST SOUND TEST C.R.T. TIMER TEST GAME ASSIGNMENTS COIN ASSIGNMETS | Push the TEST BUTTON to cause the following TEST MENU to appear: By pushing the SERVICE BUTTON, bring the ">" mark to the desired item and press the TEST BUTTON. This will select the item's test. |
|---|---|
| VOLUME SETTING BOOKKEEPING BACKUP DATA CLEAR >EXIT SELECT WITH SERVICE BUTTON AND PRESS TEST BUTTON | 3 After the test is complete, move the ">" mark to "EXIT" and press the TEST BUTTON to return to game mode. |
| FIG. 7.2 TEST MENU | |

The MEMORY TEST mode is for checking the on-BD memeory IC functioning. "GOOD" is displayed for normal ICs and "BAD" is displayed for abnormal ICs

This test starts immediately after selection from the menu in the test mode. When in execution, the "TESTING NOW" message will be displayed at the lower part to the screen. Press the Test Button to proceed to CPU RAM TEST

Test starts immediately after proceeding to this mode from CPU ROM TEST. During execution, the "TESTING NOW" message will be displayed at the lower part of the screen. When an error occurs, the ERROR message is shown. After finising the test, press the TEST button to return to the menu mode.

7 - 3 MEMORY TEST

| 1 | | | |
|--------------|--------------------------------------|-------------------------------------|------------------|
| | CPU R | OM TEST | |
| 1 | | | 1 |
| GOOD | (CROM03 BANK) | IC.1 | **** |
| GOOD | (CROM02 BANK) | IC.2 | **** |
| GOOD | (CROM01 BANK) | IC.3 | **** |
| GOOD | (CROM00 BANK) | IC.4 | **** |
| GOOD | (CROM13 BANK) | IC.5 | **** |
| GOOD | (CROM12 BANK) | IC.6 | **** |
| GOOD | (CROM11 BANK) | IC.7 | **** |
| GOOD | (CROM10 BANK) | IC.8 | **** |
| GOOD | (CROM23 BANK) | IC.9 | **** |
| GOOD | (CROM22 BANK) | IC.10 | **** |
| GOOD | (CROM21 BANK) | IC.11 | **** |
| GOOD | (CROM20 BANK) | IC.12 | **** |
| GOOD | (CROM33 BANK) | IC.12 IC.13 | **** |
| GOOD | (CROM32 BANK) | IC.13 IC.14 | **** |
| GOOD | (CROM32 BANK) (CROM31 BANK) | IC.14 IC.15 | **** |
| GOOD | (CROM31 BANK) (CROM30 BANK) | IC.15 IC.16 | **** |
| | · · · · · · | | **** |
| GOOD | (CROM3) | IC.17 | **** |
| GOOD | (CROM2) | IC.18 | **** |
| GOOD | (CROM1) | IC.19 | |
| GOOD | (CROM0) | IC.20 | **** |
| l | | |) |
| \ | DDEGG TEGT D | | |
| \mathbf{i} | PRESS TEST B | UTTON TO EXIT | |
| | FIG 7 | 3a MEMOR | PY TEST |
| | 110. / | .5u 101111111 | |
| | | | |
| | | - | |
| | | | |
| | CPU R | OM TEST | |
| \bigcap | CPU RO | OM TEST | |
| \bigcap | CPU R | OM TEST | |
| | CPU R(| OM TEST | |
| | CPU R | OM TEST | |
| | CPU R | OM TEST | |
| GOOD | CPU R((SDRAM) | DM TEST | IC. 15 |
| GOOD GOOD | | | IC. 15 IC. 22 |
| | (SDRAM) (BACK UP SRAM) | IC. 13 | |
| GOOD | (SDRAM) (BACK UP SRAM) (SDRAM) | IC. 13 IC. 21 | IC. 22 |
| GOOD GOOD | (SDRAM) (BACK UP SRAM) | IC. 13 IC. 21 IC. 94 or IC.19 | IC. 22 IC. 20 |
| GOOD GOOD | (SDRAM) (BACK UP SRAM) (SDRAM) | IC. 13 IC. 21 IC. 94 or IC.19 | IC. 22 IC. 20 |
| GOOD GOOD | (SDRAM) (BACK UP SRAM) (SDRAM) | IC. 13 IC. 21 IC. 94 or IC.19 | IC. 22 IC. 20 |
| GOOD GOOD | (SDRAM) (BACK UP SRAM) (SDRAM) | IC. 13 IC. 21 IC. 94 or IC.19 | IC. 22 IC. 20 |
| GOOD GOOD | (SDRAM) (BACK UP SRAM) (SDRAM) | IC. 13 IC. 21 IC. 94 or IC.19 | IC. 22 IC. 20 |
| GOOD GOOD | (SDRAM) (BACK UP SRAM) (SDRAM) | IC. 13 IC. 21 IC. 94 or IC.19 | IC. 22 IC. 20 |
| GOOD GOOD | (SDRAM) (BACK UP SRAM) (SDRAM) | IC. 13 IC. 21 IC. 94 or IC.19 | IC. 22 IC. 20 |
| GOOD GOOD | (SDRAM) (BACK UP SRAM) (SDRAM) | IC. 13 IC. 21 IC. 94 or IC.19 | IC. 22 IC. 20 |
| GOOD GOOD | (SDRAM) (BACK UP SRAM) (SDRAM) | IC. 13 IC. 21 IC. 94 or IC.19 | IC. 22 IC. 20 |
| GOOD GOOD | (SDRAM) (BACK UP SRAM) (SDRAM) | IC. 13 IC. 21 IC. 94 or IC.19 | IC. 22 IC. 20 |
| GOOD GOOD | (SDRAM) (BACK UP SRAM) (SDRAM) | IC. 13 IC. 21 IC. 94 or IC.19 | IC. 22 IC. 20 |

FIG. 7.3b MEMORY TEST

PRESS TEST BUTTON TO EXIT

7 - 4 VIDEO MEMORY TEST

| _ | | | | | _ |
|------------------|--------------|----------------------|----------------|-----------|---------------|
| $\left(\right)$ | | VIDEO BOAR | D ROM TES | Т | |
| | GOOD | (VROM01) | IC.26 | **** | |
| | GOOD | (CROM00) | IC.20 IC.27 | **** | |
| | GOOD GOOD | (CROM03) (CROM02) | IC.28 IC.29 | **** | |
| | GOOD | (CROM02) (CROM05) | IC.29 IC.30 | **** | |
| | GOOD | (CROM04) | IC.31 | **** | |
| | GOOD GOOD | (CROM07) (CROM08) | IC.32 IC.33 | **** | |
| | GOOD | (CROM11) | IC.34 | **** | |
| | GOOD GOOD | (CROM10) | IC.35 IC.36 | **** | |
| | GOOD | (CROM13) (CROM12) | IC.36 IC.37 | **** | |
| | GOOD | | IC.38 | **** | |
| | GOOD GOOD | | IC.39 IC.40 | **** | |
| | GOOD | | IC.41 | **** | |
| | | | | | |
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| | PR | ESS TEST BUT | ION TO CO | NTINUE | |
| | | | | | / |
| | ł | FIG. 7.4a V | VIDEO | MEMORY TE | ST |
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| (| | VIDEO BOA | ARD RAM T | EST | |
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| | | PRESS TEST BU | JTTON TO (| CONTINUE | |
| \sim | ī | EIG 7 4h V | | MEMORY TE | <u>/</u> |
| | 1 | 10. 7.40 | VIDEO | MEMORI IE | 201 |
| 7 - 5 | 5 BOUI | NDRY S | CAN | ГEST | |
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| (| | BOUNDRY | SCAN TEST | Γ | |
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| \langle | | PRESS TEST | BUTTON TO |) EXIT | |
| \sim | FIC | 7 5 BOI | INDRY | SCAN TEST | / |
| | | | | | |

This allows the functioning of the VIDEO MEMORY IC's on the IC board to be checked. "GOOD" is displayed for normal IC's and "BAD" is displayed for abnormal IC's if any.

Test starts immediately after proceeding to this mode from the menu in the test mode. During execution, the "TESTING NOW" message will be didplayed at the lower portion of the screen. After fininshing the test, press the TEST BUTTON to proceed to VIDEO RAM.

Test starts immediately after proceeding to this mode from the VIDEO BOARD ROM TEST. During execution, the "TESTING NOW" message will be displayed at the lower portion of the screen. If staus is satisfactory, nothing will be displayed. After fininshing the test, press the TEST BUTTON to return to the menu mode.

Selecting the "BOUNDRY SCAN TEST" causes the Game board's testing in terms of hardware to be performed automatically.

When the test is completed, if the results are as shown left, it is satisfacory.

After finishing the test, press the TEST BUTTON to have the MENU MODE return on the screen.
Next, turn power off and then turn it back on again.
To avoid malfunctioning, have the Board intialized by turning the power off and then on.

If there is any hardware problems, an error message is displayed. Please contact the offices herein stated or where the product was purchased from.

7 - 6 INPUT TEST

| | and Volu me. When the switch/button corrsponds to the |
|--------------------------------|---|
| INPUT TEST | name of the item is pressed, if OFF changes to ON, it is |
| (| satisfactory. |
| | When corresponding Volume is operated, if the Volume |
| CAST OFF SELECT OFF | value differs in a natural manner, it is satisfactory. |
| COIN OFF SERVICE OFF | |
| TEST OFF | APPROPRIATE VALUE OF TENSION VOLUME |
| | |
| ROD X 80H ROD Y 80H | Tension volume values are displayed in hexadecimal |
| REEL SPEED 80H STICK X 80H | numerals within the range of 00H~ffH. If the value does |
| STICK Y 80H | not satisfy the following limitations, adjust the Volumes |
| | gear mesh so as to meet the requiremnts. |
| | |
| | MIN. LIMIT: Over20H |
| | MAX. LIMIT: Under e0H |
| PRESS TEST BUTTON TO EXIT | ROD X, ROD Y: Volumes which detect reel (rod) |
| | operation. |
| FIG. 7.6 INPUT TEST | REEL SPEED: Volume which detects handle opera- |
| | tion. 80H when not turned. |
| 7 - 7 OUTPUT TEST | STICK X, STICK Y: Volume which detects Select |
| OUTPUT TEST | Lever operation. |
| | Level operation. |
| | |
| >AC MOTOR OFF CLUTCH OFF | Choose OUTPUT TEST to cause the following lower screen to |
| REEL BREAK OFF | appear. In this test, check the status of each lamp. |
| EXIT | appear. In this test, check the status of each famp. |
| EATI | |
| | By using the Service Button, select the desired item and |
| | execute the test by pressing the test button to shift OFF to |
| | ON. Selecting another item by using the Service Button |
| | shifts ON to OFF. Bring the arrow to exit and press test button to return to the menu mode. |
| | button to return to the menu mode. |
| | AC MOTOR: The motor inside the Control Panel. with ON |
| SELECT WITH SERVICE BUTTON AND | the motor rotates. |
| PRESS TEST BUTTON TO EXIT | CLUTCH: Clutch mechanism inside Control Panel. With |
| FIG. 7.7 OUTPUT TEST | ON, GRIP operation becomes weightier. |
| | REEL BREAK: REEL BRAKE which is in the mechanism |
| - 8 SOUND TEST | inside the Reel Handle. With ON, handle operation becomes |
| | weightier. |
| SOUND TEST | |
| | |
| NO : 000 | This enables sound used in the game to be checked. Sound |
| | related memory and each speaker are checked. |
| | |
| | • Press the SERVICE BUTTON to increse the number by one |
| | and the sound corresponding to the number will be emitted. |
| | Note that No. 000 does not emit any sound. |
| | |
| | |
| | |
| SELECT WITH SERVICE BUTTON | Bring the ">" to EXIT and press the TEST BUTTON to |
| PRESS TEST BUTTON TO EXIT | return to the MENU MODE. |

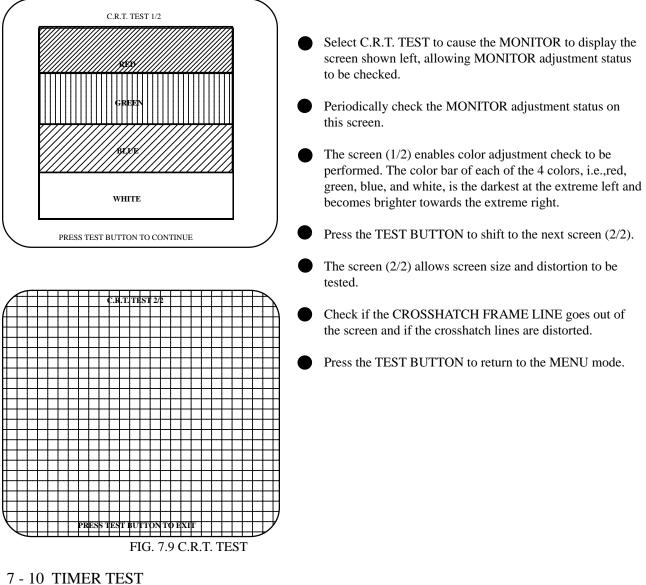
This test mode displays the status of each switch, button,

FIG. 7.8 SOUND TEST

PRESS TEST BUTTON TO EXIT

return to the MENU MODE.

7 - 9 C.R.T. TEST





| TIME | R TEST | |
|--|--|--|
| 1997, 10/31 (FRI) BATTERY | 00 : 00 : 00 O.K. | |
| YEAR MONTH DAY HOUR MINUTE SECOND | 1997 10 31 00 00 00 | |
| SET >EXIT | | |
| PRESS TEST | BUTTON TO EXIT | |
| | 1997, 10/31 (FRI) BATTERY YEAR MONTH DAY HOUR MINUTE SECOND SET >EXIT | BATTERY O.K. YEAR 1997 MONTH 10 DAY 31 HOUR 00 MINUTE 00 SECOND 00 |

This test mode allows the setting of year, month, and day, as well as built-in battery, and real time clock to be checked.

- Press the Service Button to bring the arrow to the setting item.
- Press the Test Button to set the desired value for each item.
- Press the Service Button to move the arrow and bring it to SET, then press the test button to change to the set value.
- Bring the arrow to EXIT and press the test button to return to the menu mode.

FIG. 7.10 TIMER TEST

7 - 11 GAME ASSIGNMENTS

Selecting the GAME ASSIGNMENTS in the MENU mode causes the present game settings to be displayed and also the game settings changes (game difficulty, etc.) can be made. Each item displays the following content.

SETTING CHANGE PROCEDURE



Setting changes cannot be stored unless the TEST BUTTON is pressed while the arrow is on EXIT.

- (1) Press the SERVICE BUTTON to move the ">" to the desired item.
- (2) Choose the desired setting change item by using the TEST BUTTON.
- (3) To return to the MENU mode, move the arrow to EXIT and press the TEST BUTTON.

| GAME ASSIGNMENTS | Ν |
|---|---|
| ADVERTISE SOUND ON GAME DIFFICULTY NORMAL >EXIT | • ADVERTISE SOUND Determines wether ADVERTISE SOUND is to be emitted or not by the setting to ON when emitting it and to OFF when not emitting it. |
| COUNTRY TYPE: **** | • GAME DIFFICULTY Sets the Game Difficulty in 5 catagories from 1 to 8. The greater the number is, the higher the difficulty level becomes. Alternately it may display each catagory by name; |
| SELECT WITH SERVICE BUTTON AND PRESS TEST BUTTTON | Very Easy, Easy, Normal, Hard, Very Hard |

The Following FIGURES/TABLES show the factory recommended settings.

7 - 12 COIN ASSIGNMENTS

The "COIN ASSIGNMENTS" mode permits you to set the start number of credits, as well as the basic numbers of coins and credits. This mode expresses "how many coins correspond to how many credits."

SETTING CHANGE PROCEDURE



Setting changes cannot be stored unless the TEST BUTTON is pressed while the arrow is on EXIT.

- (1) Press the SERVICE BUTTON to move the arrow to the desired item.
- (2) Choose the desired setting change item by using the TEST BUTTON.
- $\overline{3}$ To return to the MENU mode, move the arrow to EXIT and press the TEST BUTTON.

| $\left(\right)$ | COIN ASSIGNMENTS | | | | |
|------------------|--|-----------|----------|--|--|
| (| COIN CHUTE TYPE CREDIT TO START CREDIT TO CONTINUE | 2 CREDITS | | | |
| | COIN/CREDIT SETTING | #1 | | | |
| | CHUTE#1 | 1 COIN | 1 CREDIT | | |
| | | | | | |
| | CHUTE#2 | 1 COIN | 1 CREDIT | | |
| | MANUAL SETTING | | | | |
| | >EXIT | | | | |
| | | | | | |
| | | | | | |
| | SELECT WITH SERV AND PRESS TES | | 1 | | |
| | | | | | |

COIN CHUTE TYPE

Sets the combination of the number of COIN CHUTEs and the number of players as applicable. In the case that the COIN CHUTE is changed, be sure the setting is made in a manner meeting the replaced coin chute.

COMMON: Coins are accepted in common for both players.

INDIVIDUAL: Each player uses a coin chute which accepts coins independently.



CREDIT TO START

Number of credits required for starting game (1~5 credits are selected.)

CREDIT TO CONTINUE

Number of credits required for continuing game (1~5 credits are selected.)

COIN/CREDIT SETTING

Sets the CREDITS increase increment per coin insertion. There are 27 setings from #1 to #27, expressed in XX CREDIT as against XX COINS inserted. (TABLE 7.9a, 7.9b) #27 refers to FREE PLAY. When the COIN CHUTE TYPE is set to INDIVIDUAL, there are some setting numbers not displayed as indicated in TABLE 7.9b.

MANUAL SETTING

This allows credit increase setting as against coin insertion to be further set in the manner finer than COIN/ CREDIT SETTING (refer to TABLE 7.9c).

TABLE 7.12a COIN/CREDIT SETTING (COIN CHUTE COMMON TYPE)

| SETTING #11 COIN1 CREDITSETTING #21 COIN2 CREDITSSETTING #31 COIN3 CREDITSSETTING #41 COIN4 CREDITSSETTING #51 COIN5 CREDITSSETTING #61 COIN2 CREDITSSETTING #71 COIN5 CREDITSSETTING #81 COIN3 CREDITSSETTING #91 COIN4 CREDITSSETTING #101 COIN5 CREDITSSETTING #111 COIN5 CREDITSSETTING #122 COINS1 CREDITSETTING #131 COIN1 CREDITSETTING #141 COIN2 CREDITSSETTING #151 COIN1 CREDITSETTING #161 COIN3 CREDITSSETTING #173 COINS1 CREDITSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDITSETTING #191 COIN1 CREDITSETTING #122 COINS2 CREDITSSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDITSETTING #201 COIN5 CREDITSSETTING #215 COINS1 CREDITSETTING #232 COINS1 CREDITSETTING #241 COIN3 CREDITSSETTING #251 COIN1 CREDITSETTING #251 COIN1 CREDITSETTING #251 COIN2 CREDITSSETTING #251 COIN3 CREDITSSETTING #251 COIN3 CREDITSSETTING #251 COIN3 CREDITS <th>SETTING</th> <th colspan="2">FUNCTIONING OF CHUTE#1</th> | SETTING | FUNCTIONING OF CHUTE#1 | |
|--|-------------|------------------------|------------------|
| $\begin{array}{r c c c c c c c c c c c c c c c c c c c$ | | | |
| $\begin{array}{r c c c c c c c c c c c c c c c c c c c$ | | | |
| SETTING #41 COIN4 CREDITSSETTING #51 COIN5 CREDITSSETTING #61 COIN2 CREDITSSETTING #71 COIN5 CREDITSSETTING #81 COIN3 CREDITSSETTING #91 COIN4 CREDITSSETTING #101 COIN5 CREDITSSETTING #111 COIN6 CREDITSSETTING #122 COINS1 CREDITSETTING #131 COIN1 CREDITSETTING #141 COIN2 CREDITSSETTING #151 COIN1 CREDITSETTING #161 COIN3 CREDITSSETTING #173 COINS1 CREDITSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDITSETTING #122 COINS1 CREDITSETTING #131 COIN3 CREDITSSETTING #141 COIN3 CREDITSSETTING #151 COIN1 CREDITSETTING #161 COIN3 CREDITSSETTING #173 COINS1 CREDITSETTING #184 COINS5 CREDITSSETTING #201 COIN5 CREDITSSETTING #215 COINS1 CREDITSETTING #221 COIN2 CREDITSSETTING #232 COINS1 CREDITSETTING #241 COIN3 CREDITSSETTING #251 COIN1 CREDIT2 COINS2 CREDITSSETTING #251 COIN3 CREDITSSETTING #251 COIN3 CREDITS | | | |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | |
| $\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$ | | | |
| $\begin{array}{c ccccc} \text{SETTING \#7} & 1 \text{ COIN} & 5 \text{ CREDITS} \\ \text{SETTING \#8} & 1 \text{ COIN} & 3 \text{ CREDITS} \\ \text{SETTING \#9} & 1 \text{ COIN} & 4 \text{ CREDITS} \\ \text{SETTING \#10} & 1 \text{ COIN} & 5 \text{ CREDITS} \\ \text{SETTING \#11} & 1 \text{ COIN} & 6 \text{ CREDITS} \\ \text{SETTING \#12} & 2 \text{ COINS} & 1 \text{ CREDIT} \\ \text{SETTING \#13} & 1 \text{ COIN} & 1 \text{ CREDIT} \\ \text{SETTING \#14} & 1 \text{ COIN} & 2 \text{ CREDITS} \\ \text{SETTING \#15} & 1 \text{ COIN} & 1 \text{ CREDIT} \\ \text{SETTING \#16} & 1 \text{ COIN} & 3 \text{ CREDITS} \\ \text{SETTING \#16} & 1 \text{ COIN} & 3 \text{ CREDITS} \\ \text{SETTING \#16} & 1 \text{ COIN} & 3 \text{ CREDITS} \\ \text{SETTING \#17} & 3 \text{ COINS} & 1 \text{ CREDIT} \\ \text{SETTING \#18} & 4 \text{ COINS} & 1 \text{ CREDIT} \\ \text{SETTING \#19} & 1 \text{ COIN} & 1 \text{ CREDIT} \\ \text{SETTING \#19} & 1 \text{ COIN} & 1 \text{ CREDIT} \\ \text{SETTING \#20} & 1 \text{ COIN} & 3 \text{ CREDITS} \\ \text{SETTING \#21} & 5 \text{ COINS} & 3 \text{ CREDITS} \\ \text{SETTING \#22} & 1 \text{ COIN} & 5 \text{ CREDITS} \\ \text{SETTING \#22} & 1 \text{ COIN} & 2 \text{ CREDITS} \\ \text{SETTING \#23} & 2 \text{ COINS} & 1 \text{ CREDIT} \\ \text{SETTING \#24} & 1 \text{ COIN} & 3 \text{ CREDITS} \\ \text{SETTING \#24} & 1 \text{ COIN} & 3 \text{ CREDITS} \\ \text{SETTING \#25} & 1 \text{ COIN} & 3 \text{ CREDITS} \\ \text{SETTING \#25} & 1 \text{ COIN} & 3 \text{ CREDITS} \\ \text{SETTING \#25} & 1 \text{ COIN} & 3 \text{ CREDITS} \\ \text{SETTING \#25} & 1 \text{ COIN} & 3 \text{ CREDITS} \\ \end{array}$ | | | |
| SETTING #81 COIN3 CREDITSSETTING #91 COIN4 CREDITSSETTING #101 COIN5 CREDITSSETTING #111 COIN6 CREDITSSETTING #122 COINS1 CREDITSETTING #131 COIN1 CREDITSETTING #141 COIN2 CREDITSSETTING #151 COIN1 CREDITSETTING #161 COIN3 CREDITSSETTING #173 COINS1 CREDITSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDITSETTING #191 COIN1 CREDITSETTING #201 COIN1 CREDITSSETTING #215 COINS3 CREDITSSETTING #221 COIN5 CREDITSSETTING #232 COINS1 CREDITSETTING #241 COIN3 CREDITSSETTING #251 COIN1 CREDITSETTING #251 COIN1 CREDITSETTING #251 COIN3 CREDITS | | | |
| SETTING #91 COIN4 CREDITSSETTING #101 COIN5 CREDITSSETTING #111 COIN6 CREDITSSETTING #122 COINS1 CREDITSETTING #131 COIN1 CREDITSETTING #141 COIN2 CREDITSSETTING #151 COIN1 CREDITSETTING #161 COIN3 CREDITSSETTING #173 COINS1 CREDITSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDITSETTING #191 COIN1 CREDITSETTING #201 COIN3 CREDITSSETTING #215 COINS1 CREDITSETTING #221 COIN2 CREDITSSETTING #232 COINS1 CREDITSETTING #241 COIN3 CREDITSSETTING #251 COIN1 CREDITSETTING #251 COIN1 CREDITSETTING #251 COIN1 CREDIT | | | |
| SETTING #101 COIN5 CREDITSSETTING #111 COIN6 CREDITSSETTING #122 COINS1 CREDITSETTING #131 COIN1 CREDITSETTING #141 COIN2 CREDITSSETTING #151 COIN1 CREDITSETTING #161 COIN3 CREDITSSETTING #173 COINS1 CREDITSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDITSETTING #191 COIN1 CREDITSETTING #201 COIN3 CREDITSSETTING #215 COINS3 CREDITSSETTING #221 COIN5 CREDITSSETTING #232 COINS1 CREDITSETTING #241 COIN3 CREDITSSETTING #251 COIN1 CREDITSETTING #251 COIN1 CREDITSETTING #251 COIN1 CREDITSETTING #251 COIN1 CREDIT | | | |
| SETTING #111 COIN6 CREDITSSETTING #122 COINS1 CREDITSETTING #131 COIN1 CREDITSETTING #141 COIN2 CREDITSSETTING #151 COIN1 CREDIT2 COINS3 CREDITSSETTING #161 COIN3 CREDITSSETTING #173 COINS1 CREDITSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDITSETTING #201 COIN1 CREDITSSETTING #201 COIN5 CREDITSSETTING #215 COINS1 CREDITSETTING #232 COINS1 CREDITSETTING #232 COINS1 CREDITSETTING #241 COIN3 CREDITSSETTING #251 COIN1 CREDITSETTING #251 COIN1 CREDITSETTING #251 COIN1 CREDIT | | | |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | |
| SETTING #131 COIN1 CREDITSETTING #141 COIN2 CREDITSSETTING #151 COIN1 CREDIT2 COINS3 CREDITSSETTING #161 COIN3 CREDITSSETTING #173 COINS1 CREDITSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDITSETTING #191 COIN1 CREDITSETTING #201 COINS3 CREDITSSETTING #215 COINS1 CREDITSETTING #221 COIN5 CREDITSSETTING #232 COINS1 CREDITSETTING #232 COINS1 CREDITSETTING #241 COIN3 CREDITSSETTING #251 COIN1 CREDITSETTING #251 COIN1 CREDIT2 COINS2 CREDITSSETTING #251 COIN1 CREDIT2 COINS2 CREDITSSETTING #251 COIN2 CREDITS | | | |
| SETTING #141 COIN2 CREDITSSETTING #151 COIN1 CREDIT2 COINS3 CREDITSSETTING #161 COIN3 CREDITSSETTING #173 COINS1 CREDITSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDITSETTING #191 COIN1 CREDITSETTING #201 COIN2 CREDITSSETTING #215 COINS1 CREDITSETTING #221 COIN5 CREDITSSETTING #232 COINS1 CREDITSETTING #232 COINS1 CREDITSETTING #241 COIN3 CREDITSSETTING #251 COIN3 CREDITSSETTING #251 COIN1 CREDIT2 COINS2 CREDITSSETTING #251 COIN3 CREDITSSETTING #251 COIN3 CREDITS | | | |
| 2 COINS3 CREDITSSETTING #161 COIN3 CREDITSSETTING #173 COINS1 CREDITSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDIT2 COINS2 CREDITS3 COINS3 CREDITS4 COINS5 CREDITSSETTING #201 COIN5 COINS1 CREDITSETTING #215 COINS5 COINS1 CREDITSETTING #221 COIN2 COINS2 CREDITSSETTING #232 COINS2 COINS1 CREDIT4 COINS2 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN4 COINS2 CREDITS5 COINS3 CREDITS5 SETTING #241 COIN5 COINS2 CREDITS | | | |
| 2 COINS3 CREDITSSETTING #161 COIN3 CREDITSSETTING #173 COINS1 CREDITSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDIT2 COINS2 CREDITS3 COINS3 CREDITS4 COINS5 CREDITSSETTING #201 COIN5 COINS1 CREDITSETTING #215 COINS5 COINS1 CREDITSETTING #221 COIN2 COINS2 CREDITSSETTING #232 COINS2 COINS1 CREDIT4 COINS2 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 COIN2 CREDITS3 COINS3 CREDITS | SETTING #15 | 1 COIN | 1 CREDIT |
| SETTING #173 COINS1 CREDITSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDIT2 COINS2 CREDITS3 COINS3 CREDITS4 COINS5 CREDITSSETTING #201 COIN5 COINS1 CREDITSETTING #215 COINS5 COINS1 CREDITSETTING #221 COIN2 COINS1 CREDITSETTING #232 COINS2 COINS3 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 COIN2 CREDITSSETTING #251 COIN2 COINS2 CREDITS | | 2 COINS | 3 CREDITS |
| SETTING #173 COINS1 CREDITSETTING #184 COINS1 CREDITSETTING #191 COIN1 CREDIT2 COINS2 CREDITS3 COINS3 CREDITS4 COINS5 CREDITSSETTING #201 COIN5 COINS1 CREDITSETTING #215 COINS5 COINS1 CREDITSETTING #221 COIN2 COINS1 CREDITSETTING #232 COINS2 COINS3 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 COIN2 CREDITSSETTING #251 COIN2 COINS2 CREDITS | SETTING #16 | 1 COIN | 3 CREDITS |
| SETTING #191 COIN1 CREDIT2 COINS2 CREDITS3 COINS3 CREDITS4 COINS5 CREDITSSETTING #201 COIN5 COINS1 CREDITSSETTING #215 COINSSETTING #221 COIN2 CREDITSSETTING #232 COINS2 COINS1 CREDIT4 COINS2 CREDITS5 COINS3 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 COIN2 CREDITS2 COINS2 CREDITS | | 3 COINS | 1 CREDIT |
| 2 COINS2 CREDITS3 COINS3 CREDITS4 COINS5 CREDITS5 CREDITS5 CREDITSSETTING #201 COIN5 COINS1 CREDITSETTING #215 COINS5 COINS1 CREDITSETTING #221 COIN2 CREDITSSETTING #232 COINS1 CREDIT4 COINS2 CREDITS5 COINS3 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 COINS2 CREDITS2 COINS2 CREDITS | SETTING #18 | 4 COINS | 1 CREDIT |
| 3 COINS3 CREDITS4 COINS5 CREDITSSETTING #201 COIN5 CREDITSSETTING #215 COINS1 CREDITSETTING #221 COIN2 CREDITSSETTING #232 COINS1 CREDIT4 COINS2 CREDITS5 COINS3 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 COIN2 CREDITS2 COINS2 CREDITS | SETTING #19 | 1 COIN | 1 CREDIT |
| 4 COINS5 CREDITSSETTING #201 COIN5 CREDITSSETTING #215 COINS1 CREDITSETTING #221 COIN2 CREDITSSETTING #232 COINS1 CREDIT4 COINS2 CREDITS5 COINS3 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 COINS2 CREDITS2 COINS2 CREDITS | | 2 COINS | 2 CREDITS |
| SETTING #201 COIN5 CREDITSSETTING #215 COINS1 CREDITSETTING #221 COIN2 CREDITSSETTING #232 COINS1 CREDIT4 COINS2 CREDITS5 COINS3 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 COINS2 CREDITS2 COINS2 CREDITS | | 3 COINS | 3 CREDITS |
| SETTING #215 COINS1 CREDITSETTING #221 COIN2 CREDITSSETTING #232 COINS1 CREDIT4 COINS2 CREDITS5 COINS3 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 CREDIT2 COINS2 CREDITS2 COINS2 CREDITS | | 4 COINS | 5 CREDITS |
| SETTING #221 COIN2 CREDITSSETTING #232 COINS1 CREDIT4 COINS2 CREDITS5 COINS3 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 CREDIT2 COINS2 CREDITS | SETTING #20 | 1 COIN | 5 CREDITS |
| SETTING #232 COINS1 CREDIT4 COINS2 CREDITS5 COINS3 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 COIN2 CREDITS2 COINS2 CREDITS | SETTING #21 | 5 COINS | 1 CREDIT |
| 4 COINS2 CREDITS5 COINS3 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 COIN2 CREDITS2 COINS2 CREDITS | SETTING #22 | 1 COIN | 2 CREDITS |
| 5 COINS3 CREDITSSETTING #241 COIN3 CREDITSSETTING #251 COIN1 CREDIT2 COINS2 CREDITS | SETTING #23 | 2 COINS | 1 CREDIT |
| SETTING #241 COIN3 CREDITSSETTING #251 COIN1 CREDIT2 COINS2 CREDITS | | 4 COINS | 2 CREDITS |
| SETTING #251 COIN1 CREDIT2 COINS2 CREDITS | | 5 COINS | 3 CREDITS |
| 2 COINS 2 CREDITS | | | |
| | SETTING #25 | | - |
| 2 COINS 2 CDEDITS | | | |
| | | 3 COINS | 3 CREDITS |
| 4 COINS 4 CREDITS | | | |
| 5 COINS 6 CREDITS | | | |
| SETTING #26 1 COIN 1 CREDITS | | | |
| SETTING #27 FREE PLAY | SETTING #27 | FREE PLAY | |
| | | | |

MANUAL SETTING

Selecting MANUAL SETTING in the COIN ASSIGNMENTS mode displays the following screen.

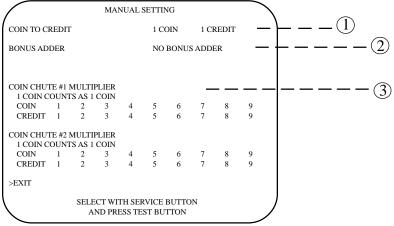


FIG. 7.12b MANUAL SETTING

(1) Determines Coin/Credit setting.

(2) This sets how many coins should be inserted to obtain one Service Coin.

(3) This sets how many tokens one coin represents.

| Table 7.12c MANUAL SETTING | |
|----------------------------|---------------------------|
| COIN TO CREDIT | 1 COIN 1 CREDIT |
| | 2 COINS 1 CREDIT |
| | 3 COINS 1 CREDIT |
| | 4 COINS 1 CREDIT |
| | 5 COINS 1 CREDIT |
| | 6 COINS 1 CREDIT |
| | 7 COINS 1 CREDIT |
| | 8 COINS 1 CREDIT |
| | 9 COINS 1 CREDIT |
| BONUS ADDER | NO BONUS ADDER |
| | 2 COINS GIVE 1 EXTRA COIN |
| | 3 COINS GIVE 1 EXTRA COIN |
| | 4 COINS GIVE 1 EXTRA COIN |
| | 5 COINS GIVE 1 EXTRA COIN |
| | 6 COINS GIVE 1 EXTRA COIN |
| | 7 COINS GIVE 1 EXTRA COIN |
| | 8 COINS GIVE 1 EXTRA COIN |
| | 9 COINS GIVE 1 EXTRA COIN |
| COIN CHUTE MULTIPLIER | 1 COIN COUNTS AS 1 COIN |
| | 1 COIN COUNTS AS 2 COINS |
| | 1 COIN COUNTS AS 3 COINS |
| | 1 COIN COUNTS AS 4 COINS |
| | 1 COIN COUNTS AS 5 COINS |
| | 1 COIN COUNTS AS 6 COINS |
| | 1 COIN COUNTS AS 7 COINS |
| | 1 COIN COUNTS AS 8 COINS |
| | 1 COIN COUNTS AS 9 COINS |
| | • |

Table 7.12c MANUAL SETTING

7 - 13 VOLUME SETTING

This allows Slide Volume to be set.

| | VOLUME AUTO S | SETTING ETTING | • Settings of volumes, etc., can be executed. Volume setting has 2 catagories, i.e., AUTO SETTING and MANUAL |
|-------------------------------|------------------|--|---|
| PULL PO SWING P REEL | POSITION | MAX dd (df) MIN 74 (75) MAX 98 (95) MIN 07 (03) | SETTING. AUTO SETTING performs the setting of the Volume of the portions that can be set automatically. |
| REEL | >CONTINUE | NEUTRAL 88 (88) WITH SAVE /ITHOUT SAVE | MANUAL SETTING executes the setting of the Volume of the portions that can only be set manually. Selecting VOLUME SETTING causes AUTO SETTING to be executed first. |
| | AND PRESS | ERVICE BUTTON TEST BUTTON | AUTO SETTING |
| | VOLU | Ba VOLUME SETTING | • AUTO SETTING starts of itself. By holding the rod, when the line is pulled, move the rod forward so that the line will be withdrawn up to the limit. If the length is short, "LINE ERROR" occurs. |
| TENSION STICK X STICK Y | MAX ac | a (de) MIN 07 (06) (aB) MIN 61 (62) NEUTRAL 82 (83) (a1) MIN 66 (63) NEUTRAL 84 (84) | • When "LINE ERROR" occurs, check to see if the length of the knotted portions at both ends of the line is appropriate or not by referring to Section 8. If the "LINE ERROR" still |
| | | VITH SAVE ITHOUT SAVE | occurs when the length of the knotted portions is appropri- ate, then replace the line. During setting, "AUTO SET- TING NOW" is displayed. When setting is finished, "AUTO SETTING COMPLETE' and each Volume value are displayed. |
| | AND PF | TTH SERVICE BUTTON LESS TEST BUTTON VOLUME SETTING | By using the Service Button, select CONTINUE WITH SAVE, press the Test Button to have the results stored, and proceed to the next mode. |

7 - 14 BOOKKEEPING

Choosing BOOKKEEPING in the MENU mode displays the data of operating status up to the present are shown on 2 pages. Press the TEST BUTTON to proceed to PAGE 2/2.

| | | COIN CHUTE#*: |
|---|---|--|
| BOOKKEEPING COIN REPORT | PAGE1/2 | • |
| COIN REPORT | | Number of coins put in each Coin Chute. |
| COIN CHUTE #1 | XXXXXXXXXXX | |
| COIN CHUTE #2 | XXXXXXXXXXX | • TOTAL COINS: |
| TOTAL COINS | XXXXXXXXXXX | - |
| COIN CREDITS | XXXXXXXXXXX | Total number of activations of Coin Chutes. |
| SERVICE CREDITS | XXXXXXXXXXX | |
| TOTAL CREDITS | XXXXXXXXXXX | |
| NUMBER OF GAMES | | COIN CREDITS: |
| 1 P GAMES | XXXXXXXXXXX | Number of credits registered by inserting coins |
| 2 P GAMES | XXXXXXXXXXX | Number of credits registered by inserting coins. |
| NUMBER OF CONTINUE | Additional | |
| 1 P GAMES | XXXXXXXXXXX | SERVICE CREDITS: |
| 2 P GAMES | XXXXXXXXXXX | • |
| 21 Onivieb | Additional | Credits registered by the SERVICE BUTTON. |
| TOTAL TIME | XDXXHXXMXXS | 8 9 |
| PLAY TIME | XDXXHXXMXXS | |
| AVERAGE PLAY TIME | XXMXXS | TOTAL CREDITS: |
| LONGEST PLAY TIME | XXMXXS | Total number of gradits (COIN CREDITS SERVICE |
| | | Total number of credits (COIN CREDITS+SERVICE |
| SHORTETEST PLAY TIME | XXMXXS | CREDITS). |
| |) | |
| PRESS TEST BUTTO | IN TO CONTINUE | TOTAL TIME: |
| FIG. 7.14a BOC | OKKEEPING (1/2) | The total energized time. |
| | | C |
| BOOKKEEPING | PAGE 2/2 | |
| |) | |
| TIME HISTOGRAM | | |
| 0M00S ~ 0M29S | XXXXXXXX | |
| 0M30S ~ 0M39S | XXXXXXXX | |
| 0M40S ~ 0M49S | XXXXXXXX | On page $(2/2)$, each play frequency is displayed. When |
| 0M50S ~ 0M59S | XXXXXXXX | setting difficulty levels, the frequency can be refered to as |
| 1M00S ~ 1M09S | XXXXXXXX | |
| 1M10S ~ 1M19S | XXXXXXXX | standard. |
| 1M20S ~ 1M29S | XXXXXXXX | |
| 1M30S ~ 1M39S | XXXXXXXX | |
| | XXXXXXXXX | When in the PAGE 2/2 mode, press the TEST BUTTON to |
| 1M40S ~ 1M49S | | _ |
| 1M50S ~ 1M59S | XXXXXXXX | return to the MENU mode. |
| $4M00S \sim 4M09S$ | XXXXXXXX | retain to the male. |
| 4M10S ~ 4M19S | XXXXXXXX | |
| 4M20S ~ 4M29S | XXXXXXXX | |
| 4M30S ~ 4M39S | XXXXXXXX | |
| $4M40S \sim 4M49S$ | XXXXXXXX | |
| 4M50S ~ 4M59S | XXXXXXXX | |
| 5M00S ~ | XXXXXXXX | |
| | | |
| | / | |
| PRESS TEST BUTTON TO |) EXIT | |
| | | |
| FIG. 7.14b BO | OKKEEPING (2/2) | |
| | OKKEEPING (2/2) | |
| FIG. 7.14b BO | OKKEEPING (2/2) | Clears the contents of BOOKKEEPING and high |
| FIG. 7.14b BO | OKKEEPING (2/2) A CLEAR | |
| FIG. 7.14b BO | OKKEEPING (2/2) A CLEAR | Clears the contents of BOOKKEEPING and high score player ranking entry. |
| FIG. 7.14b BO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR | - |
| FIG. 7.14b BO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR | score player ranking entry. |
| FIG. 7.14b BO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | score player ranking entry.When clearing, bring the arrow to "YES" and whether the arrow to "YES" with the arrow to "YES" with the arrow to "YES" and whether the arrow to "YES" with the arrow to "YES" and whether the arrow to "YES" with the arrow to "YE |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | Score player ranking entry.When clearing, bring the arrow to "YES" and whether the arrow to "YES" with the arrow to "YES" with the arrow to "YES" and whether the arrow to "YES" with the arrow to "YES" and whether the arrow to "YES" with the arrow to "YES" and whether the arrow to "YES" with the arrow |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | When clearing, bring the arrow to "YES" and wh not clearing, to "NO", by using the SERVICE |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | When clearing, bring the arrow to "YES" and wh not clearing, to "NO", by using the SERVICE |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | score player ranking entry.When clearing, bring the arrow to "YES" and whether the arrow to "YES" with the arrow to "YES" with the arrow to "YES" and whether the arrow to "YES" with the arrow to "YES" and whether the arrow to "YES" with the arrow to "YE |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | When clearing, bring the arrow to "YES" and when clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | When clearing, bring the arrow to "YES" and when clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | score player ranking entry. When clearing, bring the arrow to "YES" and when the clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. When the data has been cleared, "COMPLETED |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | score player ranking entry. When clearing, bring the arrow to "YES" and wh not clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. When the data has been cleared, "COMPLETED will be displayed. Bring the arrow to "NO" and |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | score player ranking entry. When clearing, bring the arrow to "YES" and wh not clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. When the data has been cleared, "COMPLETED will be displayed. Bring the arrow to "NO" and |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | score player ranking entry. When clearing, bring the arrow to "YES" and whot clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. When the data has been cleared, "COMPLETED will be displayed. Bring the arrow to "NO" and press the TEST BUTTON to cause the MENU |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | score player ranking entry. When clearing, bring the arrow to "YES" and wh not clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. When the data has been cleared, "COMPLETED will be displayed. Bring the arrow to "NO" and |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | score player ranking entry. When clearing, bring the arrow to "YES" and wh not clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. When the data has been cleared, "COMPLETED will be displayed. Bring the arrow to "NO" and press the TEST BUTTON to cause the MENU |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | score player ranking entry. When clearing, bring the arrow to "YES" and whot clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. When the data has been cleared, "COMPLETED will be displayed. Bring the arrow to "NO" and press the TEST BUTTON to cause the MENU mode to return on to the screen. |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) | score player ranking entry. When clearing, bring the arrow to "YES" and wh not clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. When the data has been cleared, "COMPLETED will be displayed. Bring the arrow to "NO" and press the TEST BUTTON to cause the MENU mode to return on to the screen. Note that the contents of the GAME SETTING, |
| FIG. 7.14b BOO 15 BACKUP DATA BACKUP DATA BACKUP DATA VI >NO (CANCEL) | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) ES (CLEAR) | score player ranking entry. When clearing, bring the arrow to "YES" and wh not clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. When the data has been cleared, "COMPLETED will be displayed. Bring the arrow to "NO" and press the TEST BUTTON to cause the MENU mode to return on to the screen. |
| FIG. 7.14b BO 5 BACKUP DATA BACKUP DATA PACKUP DATA NO (CANCEL) | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) ES (CLEAR) | score player ranking entry. When clearing, bring the arrow to "YES" and wh not clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. When the data has been cleared, "COMPLETED will be displayed. Bring the arrow to "NO" and press the TEST BUTTON to cause the MENU mode to return on to the screen. Note that the contents of the GAME SETTING, COIN SETTING, and BOARD SETTING are not set of the screen. |
| FIG. 7.14b BOG 5 BACKUP DATA BACKUP DATA BACKUP DATA YI >NO (CANCEL) SELECT WITH SERVIC | OKKEEPING (2/2) A CLEAR CLEAR ES (CLEAR) ES (CLEAR) | score player ranking entry. When clearing, bring the arrow to "YES" and wh not clearing, to "NO", by using the SERVICE BUTTON, and push the TEST BUTTON. When the data has been cleared, "COMPLETED will be displayed. Bring the arrow to "NO" and press the TEST BUTTON to cause the MENU mode to return on to the screen. Note that the contents of the GAME SETTING, |

8. CONTROL PANEL



In order to prevent an electric shock and short circuit, be sure to turn power off before performing work by touching the interior parts of the product.

Be careful so as not to damage wirings. Damaged wiring can cause an electric shock or short circuit accident. Work should be performed by Location's Maintenance Man or the Serviceman. Performing work by non-technical personnel can cause electric shock or short circuit accident.

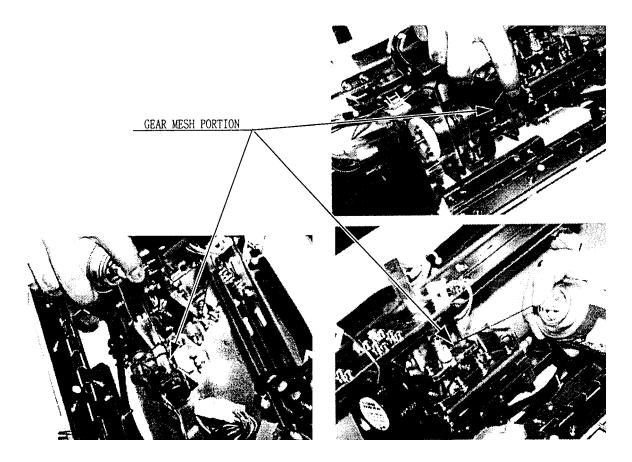


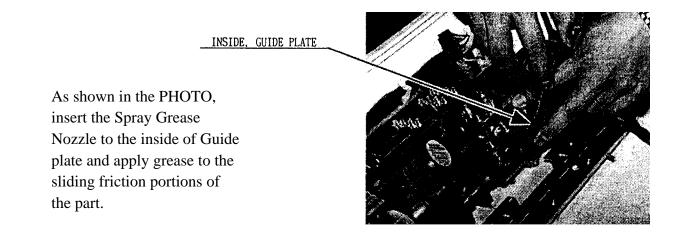
When performing work, use extreme care so as not to exert excessive load or impact to the parts and Control Panel. Careless working can cause injury and or deformation, damage and loss of parts.

The Control Panel of this product has the mechanism in which the motor, clutch, volume, etc. are used. Periodically check the Control Panel in the Test Mode to see if there is any fault, and cope with the problem if any at an early stage. Also, once a month, apply greasing to the mechanism part.

8 - 1 GREASING

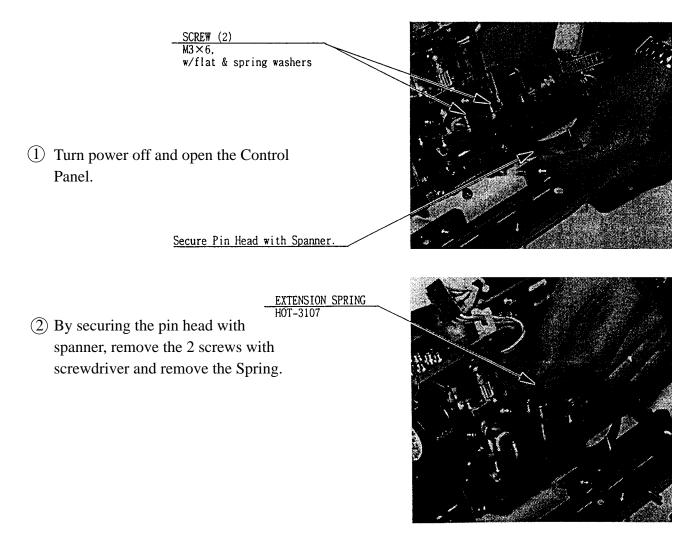
Once a month, open the Control Panel and apply greasing to the mechanism part. For Spray Grease, Use Grease Mate (Part No. 090-0066).



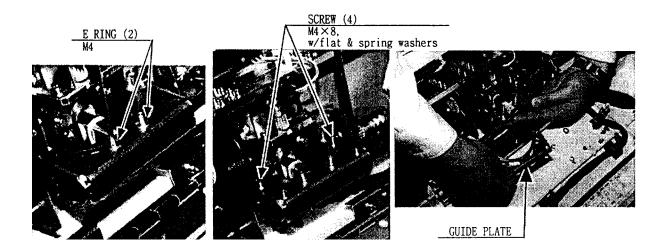


8 - 2 REPLACING THE EXTENSION SPRING

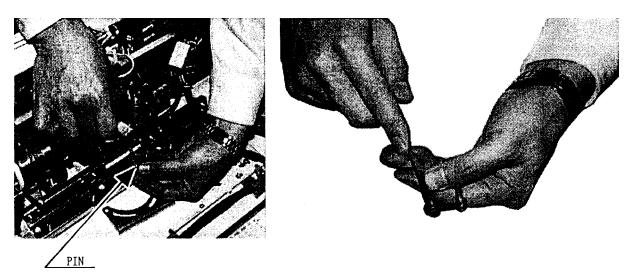
In the case the centering action (to return to the center position) of the reel (rod) is inactive, the cause may be the secular change of or damage to Extension Spring and Torsion Spring. Replace the Extension Spring in the following procedure. Prepare a Spanner (width across flats: 5mm), narrow-edged flat blade type screwdriver, and Philips type screwdriver (M3 and M4 screws).



- ③ By using the narrow-edged flat blade type screwdriverr remove the E rings.
- ④ Take out the 34 screws and remove the Guide Plate.



- (5) Remove the 2 pins. Use care so as not to lose the Collar.
- 6 Remove the two E-Rings and the Spring.



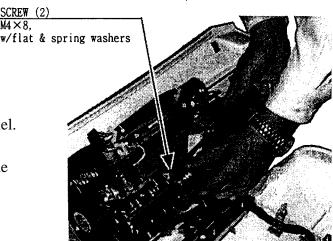
⑦ Replace the Spring.

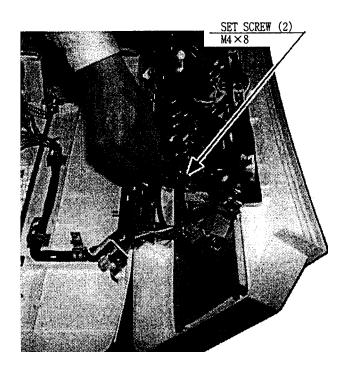
By refering to the ASSY DRAWING HOT-3100, install the Spring, E-Ring, Washer, etc. in the correct sequential order.

8 - 3 REPLACING THE TORSION SPRING

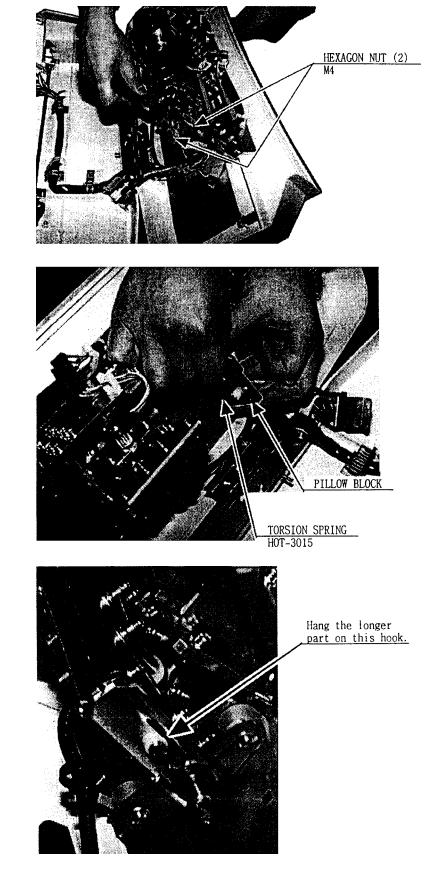
In the case the centering action (to return to the center position) of the reel (rod) is inactive, the cause may be the secular change of or damage to Extension Spring and Torsion Spring. Replace the Extension Spring in the following procedure. Prepare a Philips type screwdriver for M4 screw, a Hexagon Wrench (width across flats: 2mm), and a screw driver for M4 Hexagon Nut (width across flats: 7mm).

- ① Turn power off and open the Control Panel.
- 2 Take out 2 screws and remove the Volume together with the Bracket.
- (3) Take out the 2 set screws and remove the Gear.





When removing the Pillow Block, be sure to remove the straight from the Shaft. Removing it in an inclined direction can make work more difficult and cause injury hazard. Also, this can cause the oppisite side Shaft to be subject to an excessive load and cause Shaft damage.

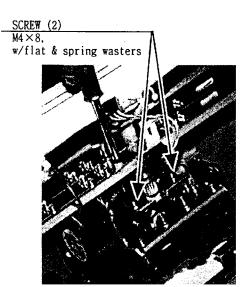


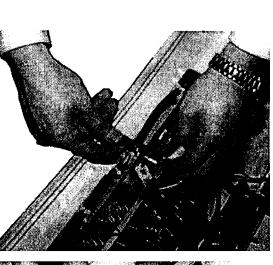
- Replace the Spring. Ensure that the longer part of the Spring is positioned to the Control Panel's center side.
- 6 Reassemble by using the oppisite procedure.

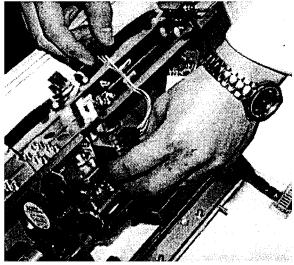
8 - 4 REPLACING THE VOLUME

In the Test Mode, if the value variation of ROD X and ROD Y does not match with reel (rod) operation, the cause may be the Volume Gear Mesh failure, Volume damage, etc. Replace the Volume in the following procedure. Explanations of Volume replacement in the X direction are given below. The Volume in the Y direction is the one to be removed when replacing the Torsion Spring. Prepare a philips type screwdriver for M4 screw and flat-blade type screwdriver for M3 Cheese Head.

- ① Turn the power off and open Control Panel.
- ② Disconnect the Volume Connectors. The red one is the connector in the X direction, and the blue one is the Volume in the Y direction.
- ③ Take out the 2 screws and remove the Volume together with the Bracket.



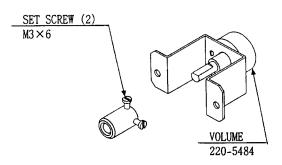




- (4) Take out the 2 Set Screws and remove the Gear.
- (5) Replace the Volume. Assemble by using the oppisite procedure.

At this time, cause the gears to be engaged in the periphery the center of the Volume's movable range when the reel is positioned at the center.

(6) Turn power on and perform Volume setting in the Test Mode.

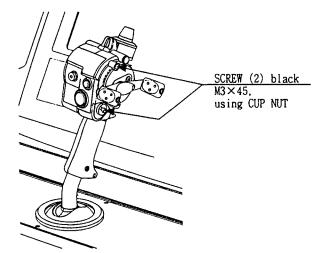


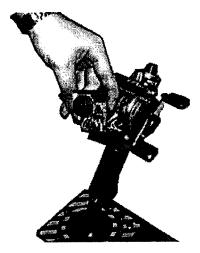
8 - 5 REPLACING THE INTERNAL PARTS OF REEL

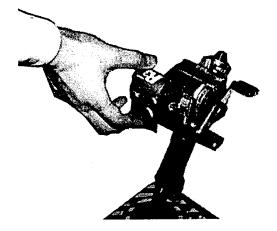
Replace the internal parts of reel by using the following procedure. prepare a Philips screwdriver for M3 screw.

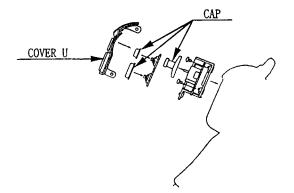
1 Turn the power off.

- ③ Internal SW, etc. can be removed.
- 2 Take out 2 screws and remove Cover U.

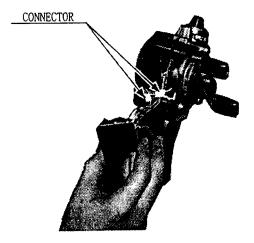








- ④ Remove the Connector and replace the Board.
- (5) Assemble by using the oppisite procedure.
- (6) Turn the power on and perform Volume setting in the Test Mode.



9. COIN SELECTOR



In order to prevent an electric shock and short circuit, be sure to turn power off before performing work by touching the interior parts of the product.

Be careful so as not to damage wirings. Damaged wiring can cause an electric shock or short circuit accident.



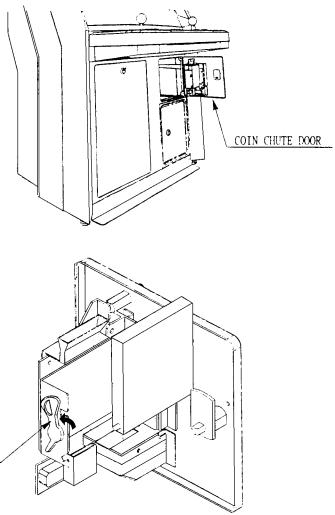
When cleaning the Coin Selector, be sure to use a soft cloth. If the Coin Selector is badly soiled, remove the stains by using a soft cloth dipped in water or warm water and then squezzed dry. Never use chemical detergents or chemicals.

If the Coin Selector is taken out for cleaning or checking, ensure that Coin Slector is accuratley functioning after it is returned in place.

The Coin Selector is employed for this product. If the Coin Selector's coin passage is soiled, the coin selection accuracy is deteriorated. Be sure to perform cleaning once every 3 months. Although rarely, coin jam occurs in the periphery of the Coin Selector. Should coin jam occur, or for cleaning, take out the Coin Selector from the machine.

9 - 1 TAKING OUT THE COIN SELECTOR

- 1 Turn Power off.
- (2) Open the Coin Chute Door.
- (3) While pulling the Coin Chute Bracket's white stopper, bend it towards the arrow direction shown.
- (4) First lift the Coin Selector up and then take it out from the Bracket in the manner of pulling it diagonally upward.



<u>STOPPER</u> Bend towards the arrow.

HANDLING THE COIN JAM

If the coin is not rejected when the REJECT BUTTON is pressed, open the coin chute door and open the selector gate. After removing the jammed coin, put a normal coin in and check to see that the selector correctly functions.

CLEANING THE COIN SELECTOR

The coin selector should be cleaned once every 3 months. When cleaning, follow the procedure below:

- 1 Turn the power for the machine OFF. Open the coin chute door.
- (2) Open the gate and dust off by using a soft brush (made of wool, etc.).
- (3) Remove and cleen smears by using a soft cloth dipped in water or diluted chemical detergent and then squeezed dry.
- Remove the CRADLE.
 When removing the retaining ring(E-ring), be very careful so as not to bend the shaft.
- (5) Remove stain from the shaft and pillow portions by wiping off with a soft cloth, etc.
- 6 After wiping as per #5 above, further apply a dry cloth, etc. to cause the coin selector to dry completely.

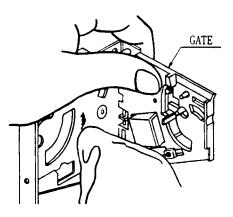


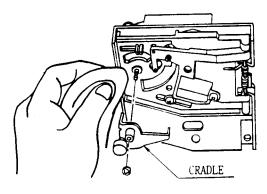
- Never apply machine oil, etc. to the coin selector
- After cleaning the Coin Selecting, Insert a regular coin in the normal working status and ensure that the Selector correctly functions.

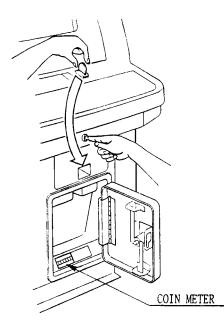
COIN INSERTION TEST

Once a month, when performing the COIN SW TEST, simultaneously check the following:

- □ Does the Coin Meter count satisfactorily?
- Does the coin drop into the Cashbox correctly?
- □ Is the coin rejected when inserted while keeping the REJECT BUTTON is pressed down?







OPTIONAL DOLLAR BILL ACCEPTOR

cabinent.

| • THE COIN DOOR ASSEMBLY USED ON SEGA BASS FISHING COMES EQUIPPED TO ACCEPT A DOLLAR BILL ACCEPTOR. ALL NEEDED WIRING CONNECTIONS ARE CONVIENENTLY LOCATED INSIDE THE GAME FOR THIS APPLICATION. | | |
|--|---|--|
| THE COIN DOOR CAN ACCCOMMODATE THE FOLLOWING VALIDATORS: | | |
| HOLE POSITION#1 (FORWARD-MOST POSITION) | VFM5 (MARS) | |
| HOLE POSITION#2 | VFM2 (MARS) VFM4 (MARS) DBV45 (JCM) | |
| HOLE POSITION #3 | CURRENTLY NOT USED | |
| HOLE POSITION #4 | DSI01* | |
| *The back flange on the chute can be removed for hold position #4. If the flange is not removed, it may interfere with the back of the | | |

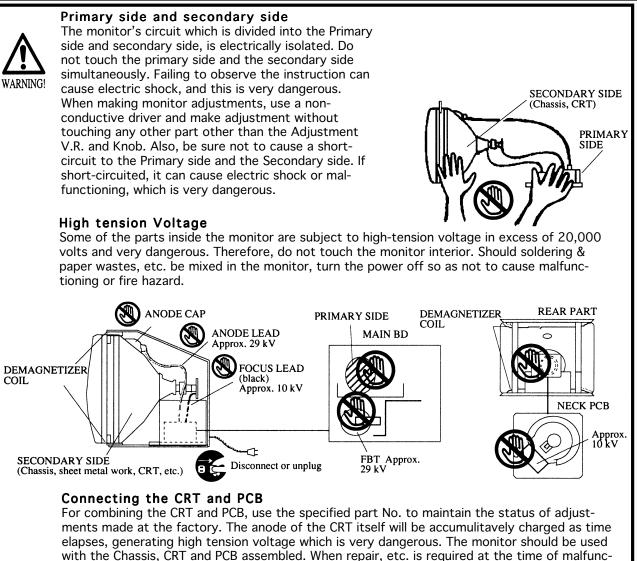
10. MONITOR

10 - 1 CAUTIONS AND WARNINGS CONCERNING SAFE HANDLING OF MONITOR



When performing such work as installing and removing the monitor, inserting and disconnecting the external connectors to and from monitor, be sure to disconnect the power connector (plug) before starting work. Proceeding the work without following this instruction can cause electric shock of malfunctioning.

Using the monitor by converting it without obtaining a prior permission is not allowed. SEGA shall not be liable for any malfunctioning and accident caused by said conversion.



with the Chassis, CRT and PCB assembled. When repair, etc. is required at the time of malfunc tioning, be sure to send it in an "as assembled" condition. If these are disassembled, what's charged to said high tension voltage can be discharged, causing a very hazardous situation. Therefore, under no circumstances should it be disassembled.

Static Electricity



Touching the CRT surface sometimes causes you to slightly feel electricity. This is because the CRT surfaces are subject to static and will not adversly affect the human body. **Installation and removal**

Ensure that the Magnetizer Coil, FBT (Fly-Back Transformer), Anode Lead and Focus Lead are not positioned close to the sheet metal work's sharp edges, etc. and avoid damaging the insulated portions so as not to cause an electric shock and malfunctioning. (For the name of parts, refer to the above figures.)

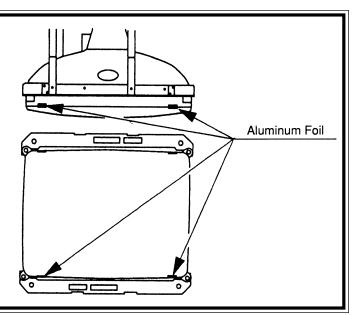


For the purpose of static prevention, special coating is applied to the CRT face of this product. To protect the coating, pay attention to the following points. Damaging the coating film can cause electric shock to the customers. For the caution to be heeded when clearing, refer to the Section of Periodic inspection Table. Do not apply or rub with a hard item (a

rod with pointed edge, pen, etc.) to or on C.R.T. surfaces.

Avoid applying stickers, seals, etc. on the C.R.T. face.

Do not remove aluminum foils from the C.R.T. corners. Removing the aluminum foils can cause static prevention effects to be lowered.



10 - 2 CAUTIONS TO BE HEEDED WHEN CLEANING THE CRT SURFACES



Static preventive coating is applied to the CRT surfaces. When cleaning, pay attention to the following points. Peeling off static prevnetive coat can cause electric shock.

- PORTANT! Rer
- Remove smears by using a dry, soft cloth (flannels, etc.). Do not use a coarse gauze, etc.
 - For smear removing solvent, alcohol (ethanol) is recommended. When using chemical detergent, be sure to follow instructions below:

*Dilute chemical detergent with water and dip soft cloth in and then thoroughly wring it to wipe smears off.

*Do not use a chemical detergent containing an abradant, powder or bleaching agent.

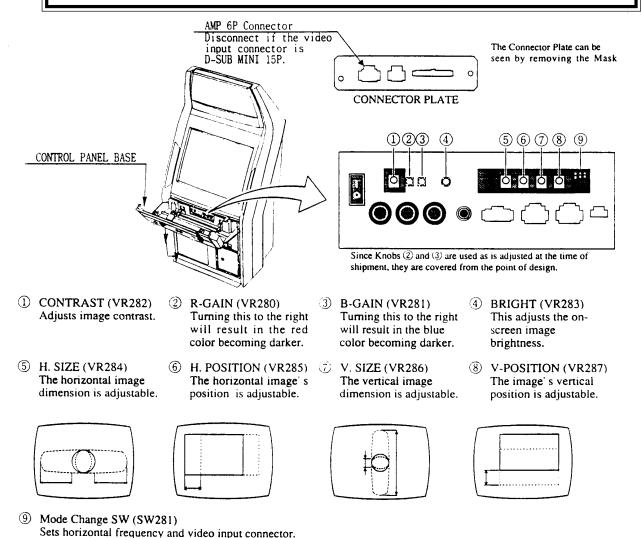
*Do not use alkaline chemical detergents such as "glass cleaner" available on the market or solvents such as thinner, etc.

 Do not rub or scratch the CRT face with hard items such as brushes, scrub brush, etc.

10 - 3 ADJUSTMENT METHOD



Monitor adjustments have been made at the time of shipment. Therefore do not make further adjustment without a justifiable reason. Adjusting the monitor which contains high tension parts is dangerous work. Also, an erroneous adjustment can cause deviated synchronization and image fault, resulting in malfunctioning. To determine whether or not the adjustment is needed, make judgment by watching the monitor's adjustment screen of the replaced Game Board. Normally, monitor adjustment is made with knobs and switches on the Adjustment Board that can be seen by opening the Control Panel Base. Note that in the monitor of this product, correct images can not be obtained unless the settings of the horizontal frequency or video input connector (input impedance/input level) are compatible with the board. When the Game Board is replaced, check the settings.



First unplug the plug and then operate the switch. Operating the switch as is energized can cause damage and malfunctioning. Connect only the video input connector which is set in the maner consistent with the Game Board, Connecting any one other than the set connector or setting from the predetermined setting can cause malfunctioning.

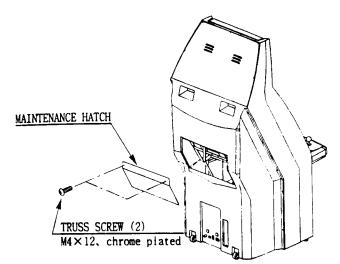
| Horizontal frequency | SW1 | S W 2 |
|----------------------|-----------|-------|
| 15 kHz mode | ON or OFF | ΟN |
| 24 kHz mode | ON | 0 F F |
| 31 kHz mode | OFF | ΟN |

| Video input connector Input impedance/Input level | S W 3 |
|--|-------|
| When inputting D-SUB MINI 15P $75 \Omega \swarrow 0.7 V p-p$ | ΟN |
| When inputting AMP 6P $2k\Omega \swarrow 3.0$ Vp-p | OFF |

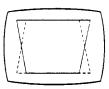


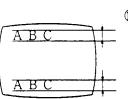
As per the above setting, the horizontal frequency is 24 kHz and video input connector is D-SUB MINI 15P.

Use the knobs and connectors that can be seen by removing the Maintenance Hatch on the backside of the cabinet, normally as is at the time of shipment. In particular, do not touch the knobs not explained herein. When replacing the Game Board or the Monitor, ensure that the direction of the connector's connection is correct as per the Game Board manual. If the connecting direction is wrong, the image is inverted or turned as shown below.



- R-CUT OFF (VR201) Turning this to the right will result in the red color becoming darker.
- (I) TRAP (VR451) Controls trapezoidal distortions.
- ① G-CUT OFF (VR202) Turning this to the right will result in the green color becoming darker.
- U-LIN (VR286) Controls vertical linearity.





B-CUT OFF (VR203) Turning this to the right will result in the blue color becoming darker.

D-SUB MINI 15P CONNECTOR

is AMP 6P.

000

(1)

(16)

(17)

Disconnect this if the Video Input Connector

(3)

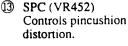
(4) 15

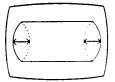
(18)

20

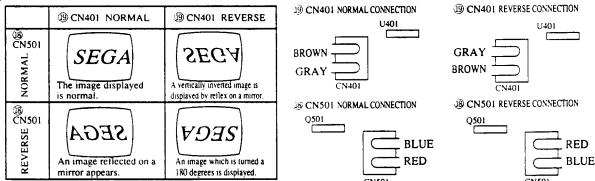
(19)

- (6) FOCUS To be adjusted to the best status.
- I SCREEN Adjusts to the CUTOFF point.





18(19) DEFLECTING YOKE POLARITY CHANGE CONNECTOR



H-SIZE CHANGE TAP (CN509 : WIDE/NARROW) After H. SIZE is adjusted, if the size is still narrow, or if the horizontal lineality becomes worse (shrinkage of central portion) in the signal in which the horizontal display period is narrow, change the TAP to WIDE side. However, this is effective only in the case where the horizontal frequency is 15.75 kHz.

10 - 4 REMOVAL/REPLACEMENT OF MONITOR



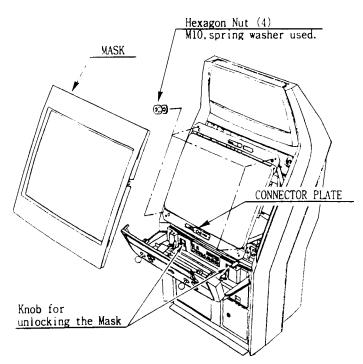
- When performing such work as monitor installation/removal, or inserting/disconnecting the external Connector connected to the monitor and its interior, first be sure to disconnect the power connector (plug). Working with the power plug as is connected can cause electric shock or malfunctioning.
- When replacing the monitor, be very careful. To avoid electric shock, etc., personnel other than those who have technical expertise are not allowed to replace the monitor.
- Perform the assembly work by following the procedure herein stated. Failing to comply with the instructions can cause an electric shock.
- Be sure to use 2 or more persons for replacing the monitor, performing the replacement work by only one person can cause injury or parts damage.
- To ensure performing the work safely, provide sufficient space. Working in places with narrow space can cause injury or working errors.
- Be careful so as not to damage wirings. Damaged wiring can cause an electric shock or short circuit accident.
- Do not touch places other than those specified, touching places not specified can cause an electric shock or short cicuit accident.



After the vertical/horizontal transposition of the MONITOR, monitor adjustments may be required.

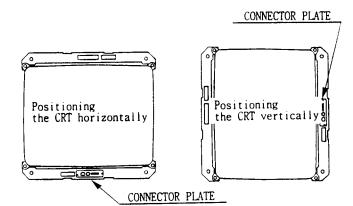
For performing the monitor's vertical/horizontal transposition in the manner consistent with the Game Board, follow the procedure below:

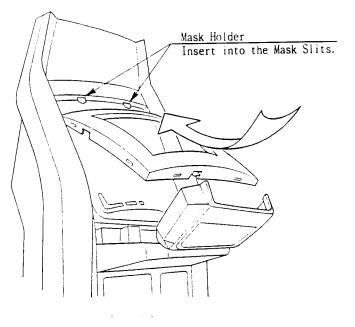
- (1) After turning the AC Panel's main SW off, unplug from the Socket Outlet.
- (2) Open the Control Panel Base. Pull the knob in the square hole inside the base downward. The lock will be unlocked and the Mask can be removed.
- (3) When the Mask is removed, the Connector Plate appears. If the CRT is positioned horizontally, the Connector Plate is underneath the CRT, and if the CRT is positioned vertically, it is on the right hand side. Disconnect all of the connectors connected to the Connector Plate.
- (4) If the monitor's video input connector is D-SUB MINI connector, disconnect by removing the Maintenance Hatch on the backside of the cabinet.
- (5) Remove the nuts and spring washers which secure the 4 corners of the monitor.



- (1) By holding the Monitor's sheet metal portion, pull out the monitor from the cabinet. Since the Monitor is a heavy item, be sure to use 2 workers to perform this work.
- (2) When installing the monitor to the cabinet, to position the CRT vertically, ensure the Connector Plate is on the right-hand side of the CRT and position the CRT horizontally, ensure the Connector Plate is underside the CRT.
- (3) Install the Spring and Nut for the monitor's four corners.
- (4) In the manner consistent with the Game Board setting, connect the video input connector, and make connector connection with the other 2 connectors of the Connector Plate.
- (5) Operate the mode change switch in the manner consistent with the Game Board setting.
- (6) Install the mask. Insert the 2 Mask holders which are projecting from the upper part of the Front Piece's Mask installation portion into the Mask's 2 slits, and press the Mask's underside in.







11. REPLACMENT OF FLUORESCENT LAMP AND DISPLAY CARD



When performing the work, be sure to turn power off. Working with power on can cause an electric shock or short circuit accident.

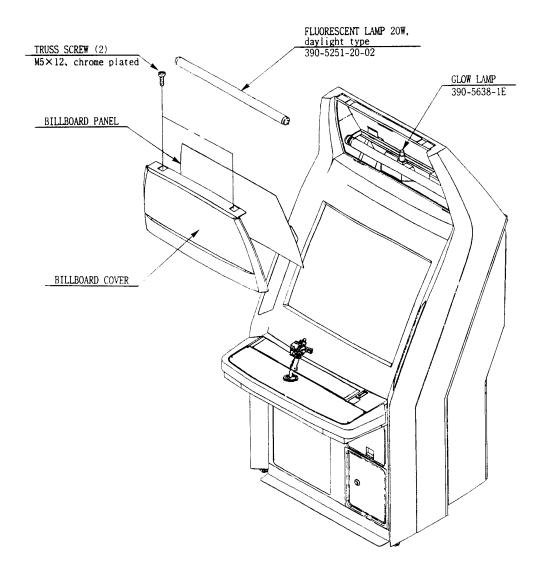
The Flourescent Lamp, when it gets hot, can cause burns. Be very careful when replacing the Fluorescent Lamp.



To perform work safely and securely, be sure to prepare a step which is in a secure and stable condition. Not using a step or using an unstable step can cause a violent falling down accidents.

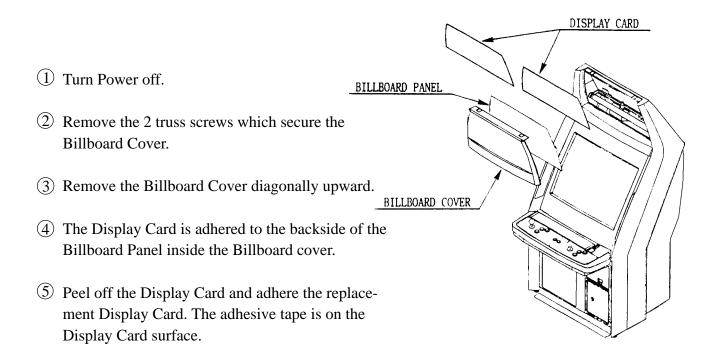
11 -1 REPLACEMENT OF FLUORESCENT LAMP

- (1) Take off the 2 screws which secure the Holder on the upper part of Billboard.
- (2) Take out the billboard from the cabinet and replace the fluorescent lamp (20W)



11 - 2 REPLACMENT OF DISPLAY CARD

To be performed if Display Card is damaged or if Game Board is replaced.



12. PERIODIC INSPECTION TABLE

The items listed below require periodic check and maintenance to retain the performance of this machine and ensure safe operation.



- Be sure to check once a year to see if Power Cords are damaged, the plug is securley inserted, dust is accumulated between the Socket Outlet and the Power Plug, etc. Using the product with dust as is accumulated can cause a fire or electrical shock.
- Periodically once a year, request the place of contact herin stated or the Distributer, etc. where the product was purchased from, as regards the interior cleaning. Using the product with dust as is accumulated in the interior without cleaning can cause a fire or accident. Note that cleaning the interior parts can be performed on a pay-basis.

| ITEMS | DESCRIPTION | PERIOD | REERENCE |
|------------------|-------------------------------|---------------|------------|
| CHASSIS | Volume V.R. inspection | Monthly | 1 |
| | Greasing to gears and pillows | Semi-annually | |
| | Memory Test | Monthly | 1 |
| | Setting Check | Monthly | |
| CONTROL MECHA | SW Volume inspection | Monthly | 7 |
| (pole) | Line Inspection | Monthly | 8 |
| | Line Replacement | Semi-annually | 8 |
| COIN SELECTOR | Check COIN SW | Monthly | 7 |
| | COIN SELECTOR cleaning | Trimonthly | 9 |
| MONITOR | Screen cleaning | Weekly | 10 |
| | Check adjustments | Monthly | 4, 7, 10 |
| GAME BD | Setting check | Monthly | 7 |
| INTERIOR | Cleaning | Annually | see above. |
| POWER PLUG | Inspection and cleaning | | |
| CABINET SURFACES | Cleaning | As necessary | see below |

13 . TROUBLESHOOTING Should trouble occur, first check connector connections.

| Power is not supplied. | |
|--|--|
| i o vier is not supplied. | Plug in correctly |
| Power supply/voltage is not correct. | Make sure that power supply/voltage is |
| AC main fuse causes the power to be cut off due to momentary overload. | Check fuse. Remove the cause of overload and replace fuse |
| Volume Setting Failure | Perform Volume setting |
| Encoder malfunctioning The fuse is blown due to an overload. Brake malufunctioning Thermal element functioned | Replace Encoder. Replace Fuse. Replace Brakes Activates @70°C, recovers after cool-off. |
| Greasing to gear mesh portion is not satisfactory, or extraneous matter mixed in. | Apply greasing or eliminate extraneous matter. |
| Connector connections are defective. | Check the connection for the RGB and SYNC connectors of the PROJ. TERM. BD and VPM BUFFER BD. |
| Affected by the magnetic field of installation location. | Make CONVERGENCE adjustment. (Refer to Section 9.) |
| Sound Volume adjustment is not appropriate. | Adjust sound volume. (see Section 6). |
| Sound BD and speaker are malfunctioning. | Perform sound test to find and replace defective parts.(Refer to Section 6). |
| Motor's Overheat. | Motor replacement is needed. (Check Motor Driver as this may be malfunctioning.) |
| The Fluorescent tube is burnt out. | Replace the Fluorescent tube (Refer to Section 10). |
| Connection fault of connector between Front and Rear Cabi. | Accurately connect the connector. |
| | AC main fuse causes the power to be cut off due to momentary overload. Volume Setting Failure Encoder malfunctioning The fuse is blown due to an overload. Brake malufunctioning Thermal element functioned Greasing to gear mesh portion is not satisfactory, or extraneous matter mixed in. Connector connections are defective. Affected by the magnetic field of installation location. Sound Volume adjustment is not appropriate. Sound BD and speaker are malfunctioning. Motor's Overheat. The Fluorescent tube is burnt out. |

14. GAME BOARD



In order to prevent an electrical shock, be sure to turn power off before performing work by touching the interior parts of the product.

 Be careful so as not to damage wirings. Damaged wiring can cause an electric shock or short circuit accident.



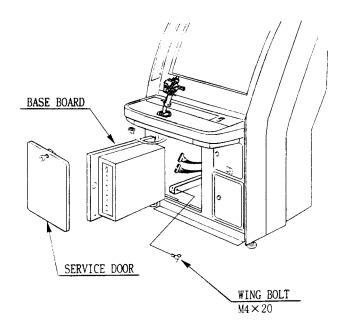
Do not expose the Game BD, etc. without a good reason. In this product, setting changes are made during the test mode. The Game BD need not be operated. Use the Game BD, etc. as is with the same setting made at the time of shipment.

The Game Board replacement method depends on the type of the present Game Board and that of the Game Board to replace with. Herein, how-to-remove the previously installed Game Board is explained. Regarding the method of connecting the Game Board for replacement, refer to the instructions of that particular Game Board. When replacing the ST-V cartridge, first take out the Game Board from the cabinet as per the following procedure. Changing the cartridge within the cabinet can damage parts and wirings.

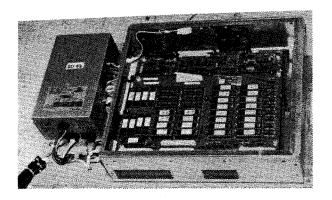
Note that when the Game Board is replaced, the monitor's frequency change, video input connector's reinsertion, and screen adjustment may be needed.

14-1 TAKING OUT THE GAME BOARD

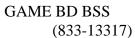
- (1) Turn Power off.
- (2) Remove the Service Door.
- (3) Disconnect all the connectors connected to the Shield Case. In the case of the Game Board for which the Shield Case is not used, disconnect all of the connectors connected to the Game Board.
- (4) Remove the Wing Bolt which secures the Base Board mounting the Shield Case (Game Board)
- (5) Pull out the Base Board with the Shield Case (Game Board) as is mounted, from the cabinet. At this time, to avoid wiring damage, use care so that wires are not caught.

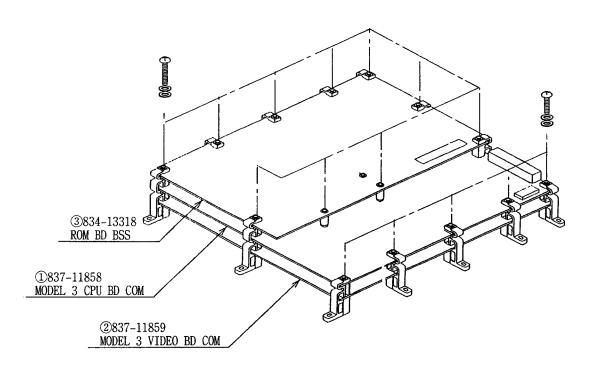


(6) Take Out the 3 screws and the Shield Case Lid to remove the Game Board.



14 - 2 COMPOSITION OF GAME BOARD

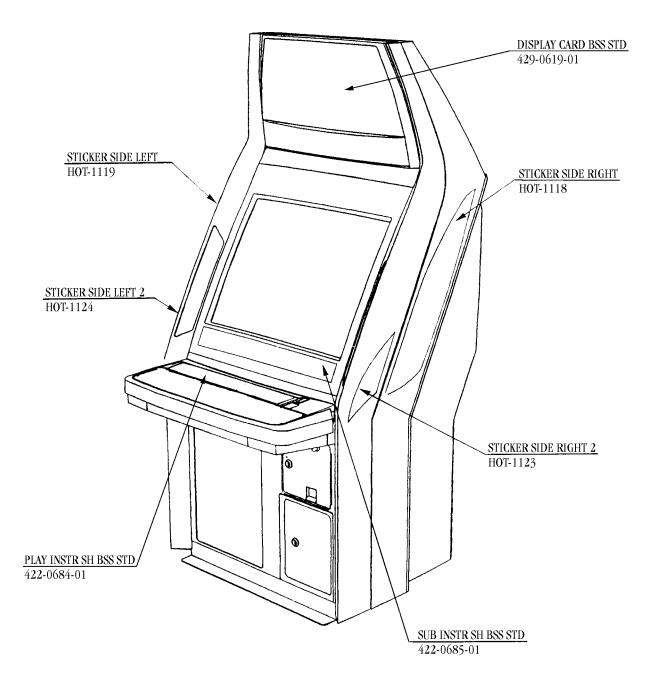




| No. | PART No. | DESCRIPTION | |
|-----|-----------|------------------------|--|
| 1 | 837–11858 | MODEL3 CPU BOARD COM | |
| 2 | 837–11859 | MODEL3 VIDEO BOARD COM | |
| 3 | 834–13318 | ROM BD BSS | |

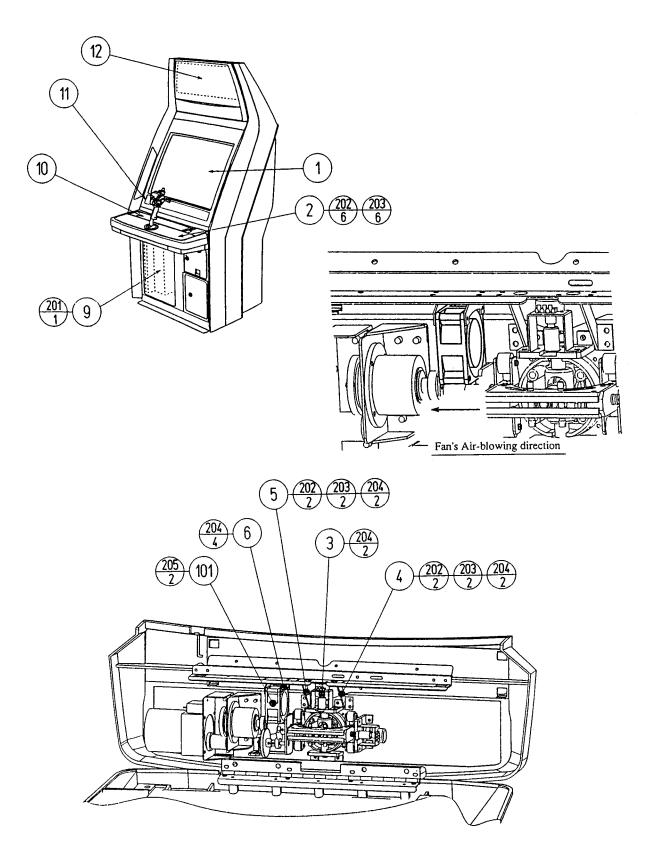
NOTE: THIS PICTURE IS FOR REFERENCE ONLY!! UNIT IS NOT TO BE OPENED. EXPOSING THE GAME BD FOR ANY REASON MAY VOID WARRANTY.

15. DESIGN RELATED PARTS



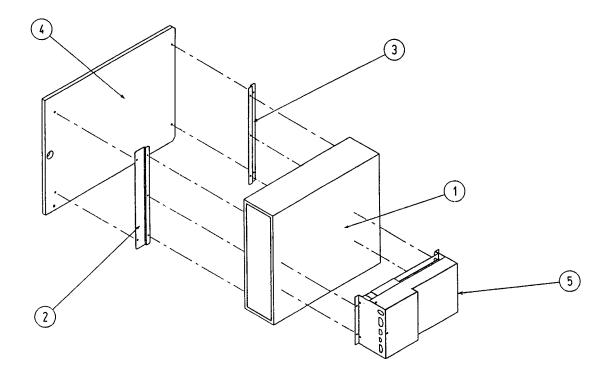
16. PARTS LIST

TOP ASSY GET BASS STD



TOP ASSY GET BASS STD

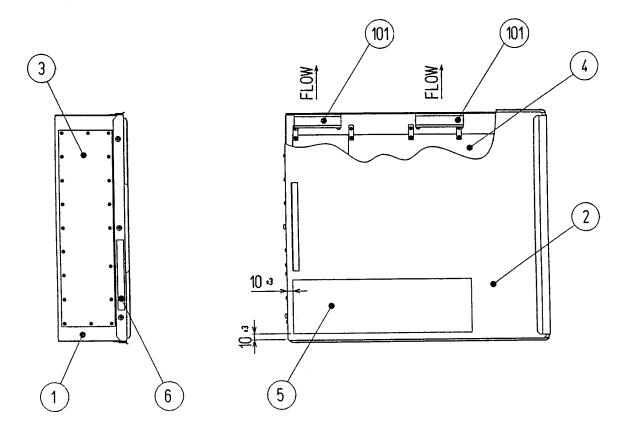
| ITEM NO. | PART NO. | DESCRIPTION |
|----------|---------------|---------------------------------|
| 1 | HOT-10002 | ASSY CABINET 24K 750 OHM HC |
| 2 | HOT-3000-01 | ASSY FISHING CTRL PNL HOT EXP |
| 3 | HOT-3080 | ASSY VOLUME X |
| 4 | HOT-0001 | REINFORCE BRKT L |
| 5 | HOT-0002 | REINFORCE BRKT R |
| 6 | HOT-0003 | FAN BRKT |
| 9 | HOT-0300 | ASSY SHIELD CASE BSS STD W/BASE |
| 10 | 422-0684-01 | PLAY INSTR SH BSS STD EXP |
| 11 | 422-0685-01 | SUB INSTR SH BSS STD EXP |
| 12 | 429-0619-01 | DISPLAY CARD BSS STD EXP |
| 101 | 260-0074 | FAN MOTOR DC24V 2410NL-05W-B50 |
| | 260-0075 | FAN MOTOR DC24V 2410ML-05W-B50 |
| 201 | 032-000420 | WING BOLT M4X20 |
| 202 | 031-000416-0C | CRG BLT CRM M4X16 |
| 203 | 050-F00400 | FLG NUT M4 |
| 204 | 000-P00408-W | M SCR PH W/FS M4X8 |
| 205 | 000-P00330 | M SCR PH M3X30 |



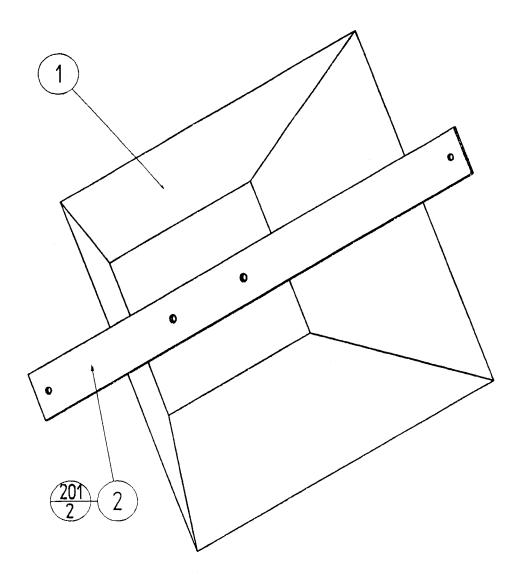
| ITEM NO. | PART NO. | DESCRIPTION |
|----------|----------|--------------------------|
| 1 | HOT-0310 | ASSY SHIELD CASE BSS STD |
| 2 | 105-5246 | SHIELD CASE BRKT W |
| 3 | 105-5247 | SHIELD CASE BRKT N |
| 4 | HOT-0101 | WOODEN BASE |
| 5 | HOT-4500 | DRIVER UNIT |
| | | |

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ASSY SHIELD CASE BSS STD (HOT-0310)

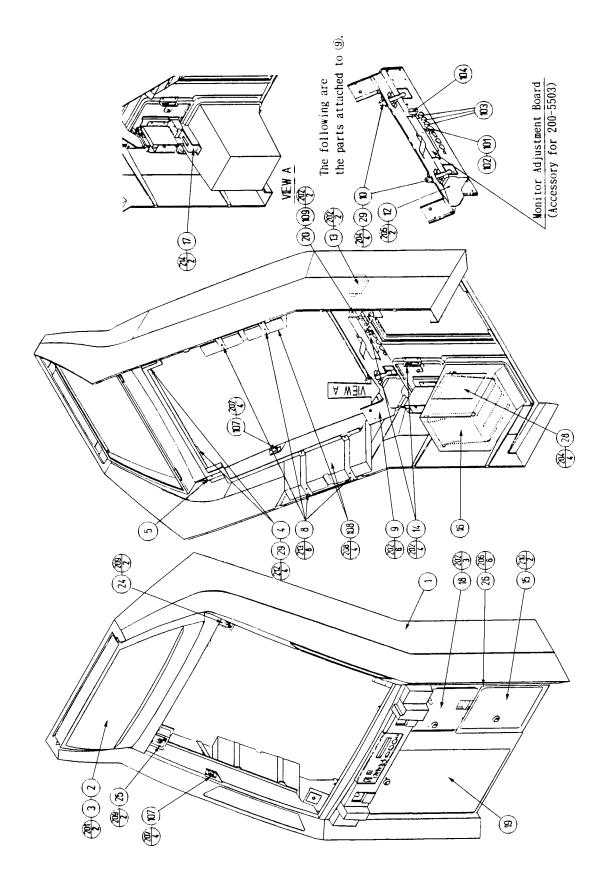


| ITEM NO. | PART NO. | DESCRIPTION |
|----------|--------------|-------------------------|
| 1 | 105-5240Y | SHIELD CASE MODEL 3 |
| 2 | 105-5242X-01 | SHIELD CASE LID MODEL 3 |
| 3 | 839-0951 | FILTER BD MODEL 3 JPT |
| 4 | 833-13416 | GAME BD BSS STD |
| 101 | 260-0064 | FAN MOTOR DC12V |



| ITEM NO. | PART NO. | DESCRIPTION |
|----------|--------------|--------------------|
| 1 | 200-5258 | MONITOR SHIELD |
| 2 | 200-5506 | SHIELD STAY LONG |
| 201 | 000-P00408-W | M SCR PH W/FS M4X8 |

ASSY FRONT CABI (HOT-1100)



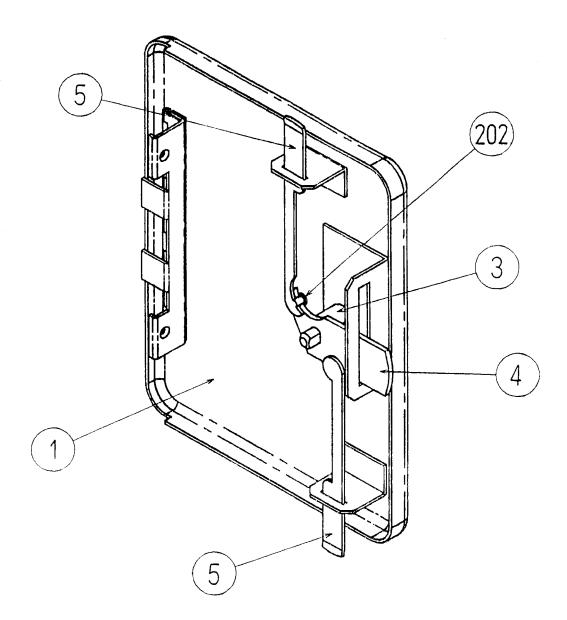
ASSY FRONT CABI (HOT-1100)

ITEM NO.

PART NO.

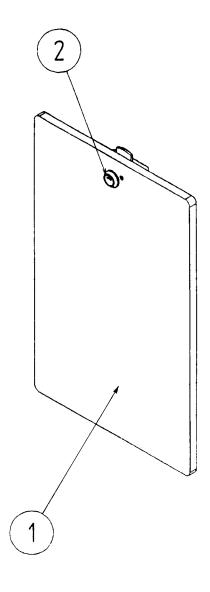
DESCRIPTION

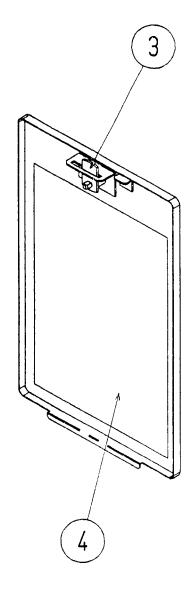
| 1 | HOT-1101X | FRONT PIECE |
|-----|---------------|--------------------------|
| 2 | HOT-1102 | BILLBOARD COVER |
| 3 | HOT-1103X | BILLBOARD PNL |
| 4 | HOT-1104 | MASK HOLDER UPPER |
| 5 | HOT-1105 | REINFORCE |
| 8 | HOT-1108 | SPEAKER BRKT |
| 9 | HOT-1109 | MIDDLE FRAME |
| 10 | HOT-1110 | LOCK UNIT |
| 12 | HOT-1112 | COIN CHUTE |
| 13 | HOT-1113 | BD HOLDER UPPER |
| 14 | CQN-1313 | LOCK BRKT |
| 15 | HOT-1200 | ASSY CASH BOX DOOR |
| 16 | BOX-CASH | CASHBOX |
| 17 | HOT-1116 | COIN CEILING |
| 18 | HOT-1270 | ASSY COIN CHUTE DOOR |
| 19 | HOT-1250 | ASSY SERVICE DOOR |
| 20 | HOT-1119 | DOOR SW BRKT |
| 24 | HOT-1120 | REINFORCE PLATE R |
| 25 | HOT-1121 | REINFORCE PLATE L |
| 26 | HOT-1202 | FRAME CASH BOX DOOR |
| 28 | 839-0894 | TERMINAL BD |
| 29 | HOT-1125 | SPACER |
| 101 | 220-5420 | RHEO STAT 100 OHM 10W |
| 102 | 601-6999 | KNOB 18 SERRATION |
| | 601-8810 | KNOB MR-1512-1T |
| 103 | 509-5028 | SW PB 1M |
| 104 | 509-5453-V-B | SW ROCKER J8 V-B |
| 107 | 601-8726 | CATCH F |
| 108 | 130-5156 | SPEAKER BOX 8 OHM |
| 110 | 509-5762 | LINE INTERRUPT SWITCH |
| | 509-5763 | LINE INTERRUPT SWITCH |
| 201 | 000-T00512-C | M SCR TH CRM M5X12 |
| 202 | 012-T00410-0C | TAP SCR TH CRM 4X10 |
| 204 | 012-P00312 | TAP SCR PH 3X12 |
| 205 | 010-P00406-F | S-TITE SCR PH W/F M4X6 |
| 206 | 012-F00310 | TAP SCR FH 3X10 |
| 207 | 047-PA3207-6 | RVT OPEN TYPE AL 3.2X7.6 |
| 208 | 000-P00512-W | M SCR PH W/FS M5X12 |
| 209 | 000-F00410 | M SCR FH M4X10 |
| 210 | 000-F00308 | M SCR FH M3X8 |
| 211 | 012-P00316 | TAP SCR PH 3X16 |
| 212 | 012-P00412 | TAP SCR PH 4X12 |
| 213 | 012-P00410 | TAP SCR PH 4X10 |
| 214 | 012-P00306 | TAP SCR PH 3X6 |
| | | |



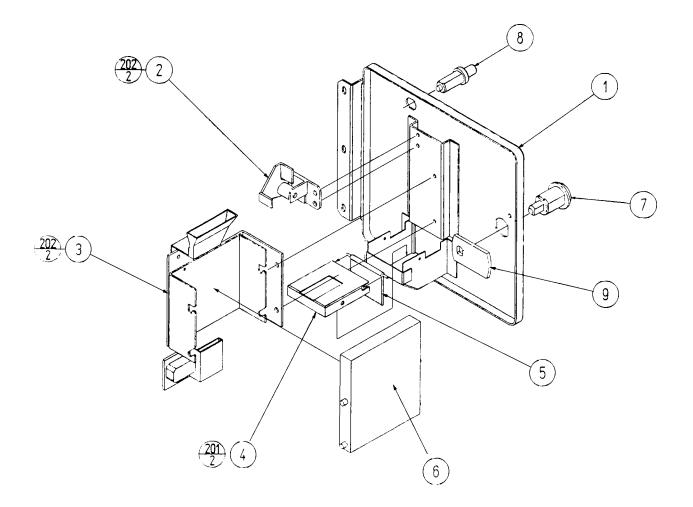
| ITEM NO. | PART NO. | DESCRIPTION |
|----------|------------|-----------------|
| 1 | HOT-1201 | CASH BOX DOOR |
| 3 | 220-5574 | CAM LOCK W/KEYS |
| 4 | HOT-1203 | CENTER TNG |
| 5 | HOT-1204 | SIDE TNG |
| 202 | 065-E00300 | E RING 3MM |

ASSY SERVICE DOOR (HOT-1250)



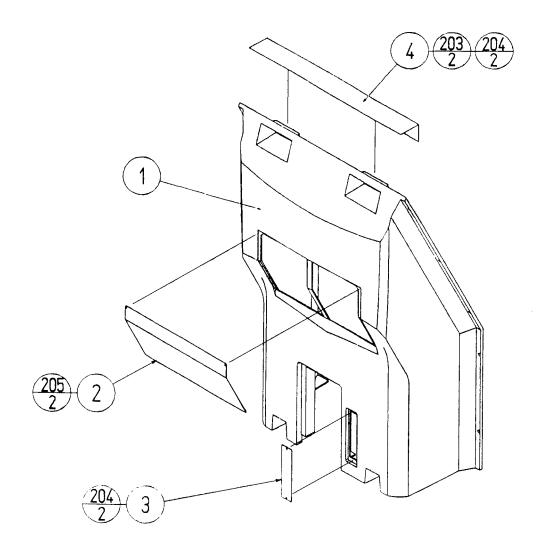


| ITEM NO. | PART NO. | DESCRIPTION |
|----------|-----------|-------------------------|
| 1 | HOT-1251 | SERVICE DOOR |
| 2 | 220-5575 | CAM LOCK MASTER W/O KEY |
| 3 | DP-1167 | TNG LKG |
| 4 | HOT-1252X | PAPER INSULATOR |

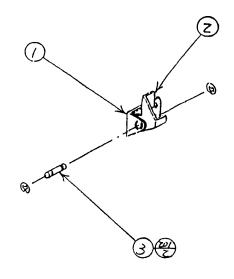


| ITEM NO. | PART NO. | DESCRIPTION |
|----------|--------------|---------------------------|
| 1 | CQN-1320X | COIN CHUTE DOOR |
| 2 | CQN-1321 | ASSY REJECT LEVER |
| 3 | CQN-1324 | ASSY COIN CHUTE BRKT |
| 4 | HOT-1271 | REJECT LEVER |
| 5 | HOT-1272 | FLAP |
| 6 | 220-5208~ | COIN CHUTE REJR~ |
| 7 | 220-5575 | CAM LOCK MASTER W/O KEY |
| 8 | 250-5043 | REJECT BUTTON ASSY |
| 9 | DP-1167 | TNG LKG |
| 201 | 010-P00306-F | S-TITE SCR PH W/F M3X6 |
| 202 | 010-P00408-F | S-TITE SCR PH W/F M4X8 |

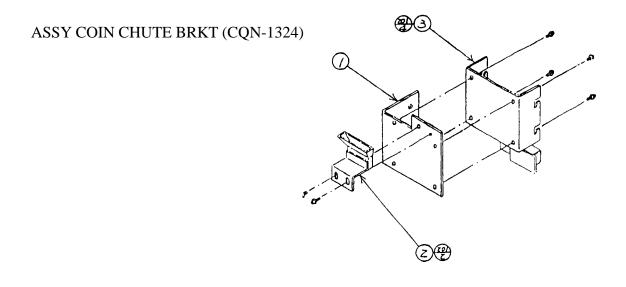
ASSY REAR CABI (HOT-1300)



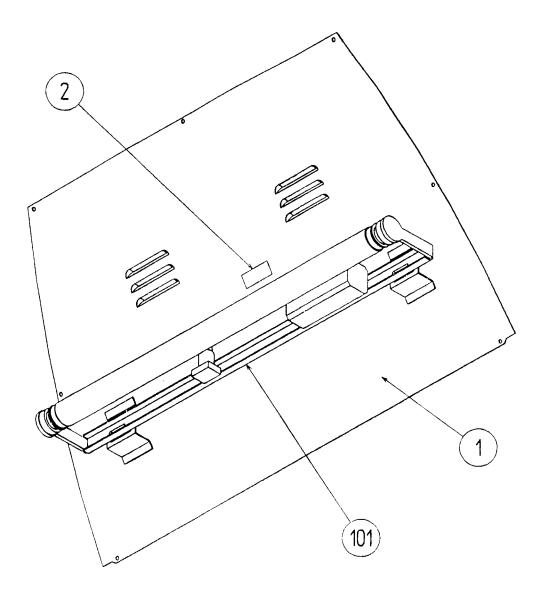
| ITEM NO. | PART NO. | DESCRIPTION | | |
|----------|---------------|-------------------------|--|--|
| 1 | HOT-1301 | REAR PIECE | | |
| 2 | HOT-1304 | MAINTENANCE HATCH | | |
| 3 | HOT-1303 | LID COMMUNI PORT | | |
| 4 | HOT-1305 | HANDLE COVER | | |
| 203 | 012-T00410-0C | TAP SCR TH CRM 4X10 | | |
| 204 | 000-T00410-0C | M SCR TH CRM 4X10 | | |
| 205 | 000-P00412-WB | M SCR PH W/FS BLK M4X12 | | |



| ITEM NO. | PART NO. | DESCRIPTION | |
|----------|----------|-------------------|--|
| 1 | CQN-1322 | REJECT LEVER BRKT | |
| 2 | CY-1032 | REJECT LEVER | |
| 3 | 123-0035 | SHAFT | |
| 201 | 069-0039 | E RING 3.2 | |

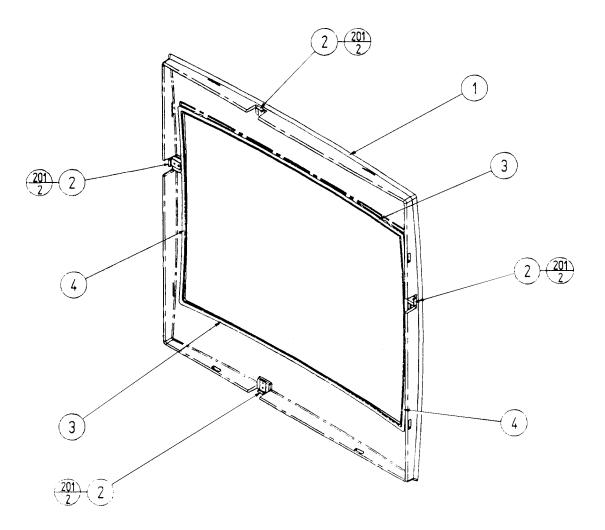


| ITEM NO. | PART NO. | DESCRIPTION | |
|----------|--------------|------------------------|--|
| 1 | CY-1009 | COIN CHUTE BRKT | |
| 2 | 105-5041 | UPPER COIN CHUTE | |
| 3 | 220-5272 | CHANNEL BRKT W/O SHUTE | |
| 201 | 010-P00408-F | S-TITE SCR PH W/F M4X8 | |

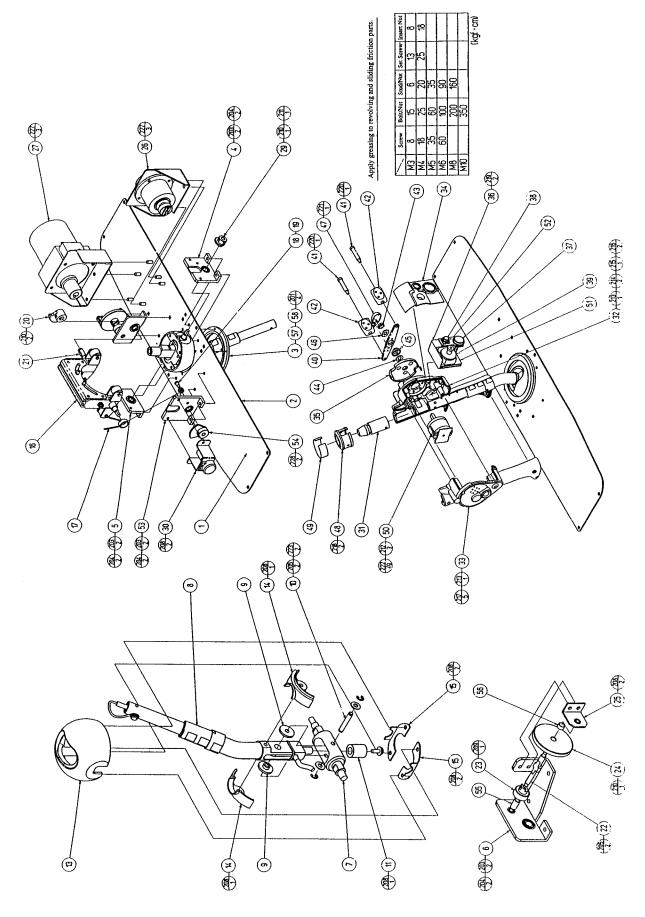


| ITEM NO. | PART NO. | DESCRIPTION |
|----------|----------------|------------------------------|
| 1 | HOT-1351 | FL LID |
| 101 | LOCAL PURCHASE | ASSY FL 20W SD W/CONN HIGH S |
| 201 | 010-P00416-F | S-TITE SCR PH W/F M4X16 |

ASSY MASK (HOT-1400)



| ITEM NO. | PART NO. | DESCRIPTION |
|----------|------------|-----------------|
| 1 | HOT-1401 | MASK |
| 2 | 601-8725 | CATCH M |
| 3 | HOT-1402 | PACKING L |
| 4 | HOT-1403 | PACKING S |
| 201 | 012-P00310 | TAP SCR PH 3X10 |

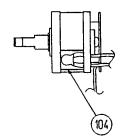


ASSY FISHING CNTRL PNL HOT EXP (HOT-3000-01)

| ITEM NO. | PART NO. | DESCRIPTION |
|----------|------------------|---------------------------|
| 1 | HOT-3001 | CNTRL PNL BASE BSS |
| 2 | HOT-3002-01 | CNTRL PNL PLATE BSS EXP |
| 3 | HOT-3003X | PROTECT RING |
| 4 | HOT-3004 | PILLOW BLOCK A |
| 5 | HOT-3005 | PILLOW BLOCK B |
| 6 | HOT-3006 | BEARING BRKT A |
| 7 | HOT-3007 | CENTER SHAFT |
| 8 | HOT-3050 | ASSY ROD |
| 9 | HOT-3008 | SPACER |
| 10 | HOT-3009 | PIN A |
| 11 | HOT-3010 | COLLAR A |
| 13 | HOT-3012 | DOME |
| 14 | HOT-3013 | SLIDE |
| 15 | HOT-3014 | DOME BRKT |
| 16 | HOT-3100 | ASSY GUIDE |
| 17 | HOT-3015 | TOR SPRING |
| 18 | HOT-3016 | SPRING HOOK PIN |
| 19 | HOT-3017 | SPRING HOOK ROLLER |
| 20 | HOT-3018 | GEAR LAST |
| 21 | BSS-2907 | KEY 3X3X8 |
| 22 | HOT-3020 | SIDE SHAFT |
| 23 | HOT-3021 | GEAR M08Z20 |
| 24 | HOT-3022 | GEAR M08Z60 |
| 25 | HOT-3023 | BEARING BRKT B |
| 26 | HOT-3060 | ASSY CLUTCH |
| 27 | HOT-3070 | ASSY MOTOR |
| 29 | HOT-3024 | GEAR ENCODER |
| 30 | HOT-3090 | ASSY VOLUME |
| 31 | HOT-3025 | ROD TIP |
| 32 | BSS-3001Z | COVER R |
| 33 | BSS-3002Z | COVER L |
| 34 | BSS-3003 | COVER U |
| 35 | BSS-3004 | COVER S |
| 36 | BSS-3005 | BD HOLDER |
| 37 | BSS-3006 | CAST SW CAP |
| 38 | BSS-3007 | SELECT SW CAP |
| 39 | BSS-3008 | JOY STICK CAP |
| 40 | BSS-3009 | HANDLE BAR |
| 41 | BSS-3010 | HANDLE PIN |
| 42 | BSS-3011 | HANDLE GRIP |
| 43 | BSS-3012 | ORIGINAL NUT M8 |
| 44 | BSS-3013 | SPACER A |
| 45 | BSS-3014 | SPACER B |
| 46 | BSS-3015 | SPACER C |
| 47 | BSS-3016Y | HANDLE CAP |
| 48 | BSS-3017Y | FRONT RING |
| 49 | BSS-3018 | FRONT RING SPRING |
| 50 | BSS-3040 | ASSY BRAKE W/PS |

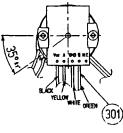
ASSY FISHING CNTRL PNL HOT EXP (HOT-3000-01)

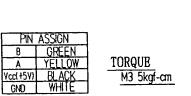
| ITEM NO. | PART NO. | DESCRIPTION |
|----------|---------------|----------------------------|
| 51 | 839-1003 | STICK CONT BD. |
| 52 | 839-1004 | REEL SW BD |
| 53 | HOT-3026 | PILLOW BLOCK C |
| 54 | HOT-3027 | GEAR ENCODER 2 |
| 55 | HOT-3028 | COLLAR L |
| 56 | HOT-3029 | COLLAR S |
| 57 | HOT-3030 | INNER RING |
| 58 | HOT-3031 | CAUTION RING SHEET |
| 201 | 000-P00306-W | M SCR PH W/FS M3X6 |
| 203 | 031-000416-0C | CRG BLT CRM M4X16 |
| 204 | 050-F00400 | FLG NUT M4 |
| 205 | 065-E00400 | E RING 4MM |
| 208 | 000-P00408-W | M SCR PH W/FS M4X8 |
| 209 | 028-C00306-P | SET SCR CH CUP P M3X6 |
| 210 | 028-C00408-P | SET SCR CH CUP P M4X8 |
| 211 | 028-A00406-P | SET SCR HEX SKT CUP P M4X6 |
| 212 | 000-T00306-0U | M SCR TH UCRM M3X6 |
| 213 | 000-T00308-0B | M SCR TH BLK M3X8 |
| 214 | 000-P00312-0B | M SCR PH BLK M3X12 |
| 215 | FAS-000037 | M SCR BLK M3X35 |
| 216 | FAS-000038 | M SCR PH BLK M3X45 |
| 217 | FAS-500006 | CAP NUT TYPE 3 BLK M3 |
| 218 | 028-A00306-P | SET SCR HEX SKT CUP P M3X6 |
| 219 | 000-P00304-0B | M SCR PH BLK M3X45 |
| 220 | 050-C00400-3C | CAP NUT TYPE3 CRM M4 |
| 221 | FAS-000045 | M SCR PH W/S BLK M3X6 |
| 223 | 060-F00500 | FLT WSHR M5 |
| 224 | 060-F00400 | FLT WSHR M4 |
| 225 | 060-S00400 | SPR WSHR M4 |
| 226 | 050-H00400 | HEX NUT M4 |
| 227 | 050-F00500 | FLG NUT M5 |
| 228 | 028-C00410-P | SET SCR CH CUP P M4X10 |

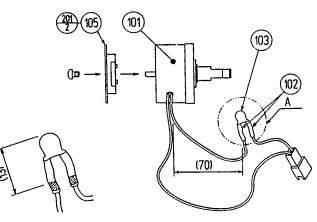


B

A







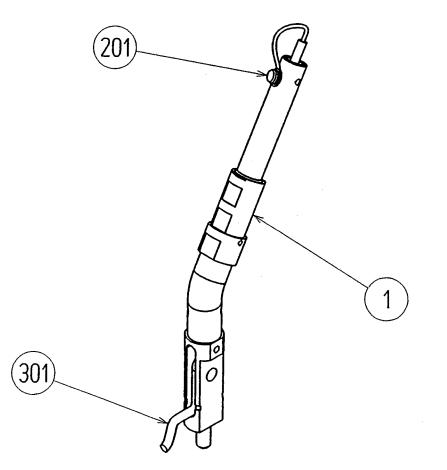
Details of PART A

PART NO.

| 101 | 601-9942 |
|-----|----------------|
| 103 | 512-5052-017 |
| 104 | 310-5376 |
| 105 | 370-5165-01-91 |
| 201 | 000-P00304-0B |

DESCRIPTION

POWDER BRAKE 0.1MM MITSUBISHI POLYSWITCH RXE017 SILICONE SHEET ENCODER 100PULSE W/O CONN M SCR PH BLK M3X4



| ITEM NO. | PART NO. | DESCRIPTION | |
|----------|--------------|--------------------|--|
| 1 | HOT-3051 | ROD | |
| 201 | 000-P00406-W | M SCR PH W/FS M4X6 | |
| 301 | 600-7016-014 | WIRE HARN ROD FLEX | |

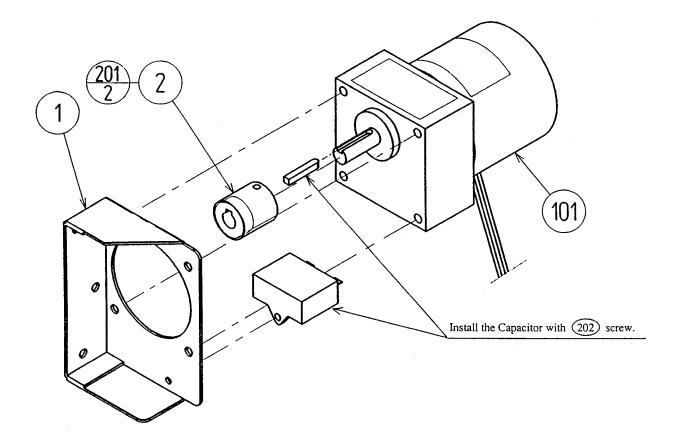
ASSY CLUTCH (HOT-3060)

Screw Fastening Torque

| \square | Screw | Bolt/Nut | Stud/Nut | Set Screw | Insert Nut | |
|-----------|-------|-----------------|------------------|---------------------|--|----------------------|
| M3 | 8 | 15 | 6 | 13 | 6 | |
| M4 | 18 | _25 | 20 | 25 | 18 | \frown |
| M5 | 35 | 60 | 35 | | | $(1)\frac{(201)}{4}$ |
| M6 | 60 | 100 | 90 | | | $\gamma \in$ |
| M8 | | 200 | 160 | | | |
| M10 | | 350 | | | | |
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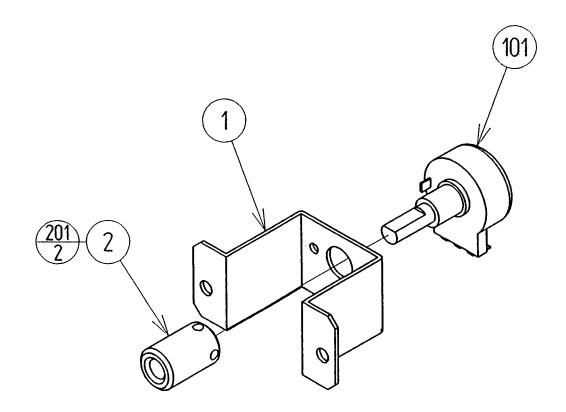
| ITEM NO. | PART NO. | DESCRIPTION | | |
|----------|--------------|-----------------------|--|--|
| 1 | HOT-3061 | CLUTCH BRKT | | |
| 2 | HOT-3062 | GEAR CLUTCH IN | | |
| 3 | HOT-3063 | GEAR M08Z28 | | |
| 4 | HOT-3064 | SHAFT HOLDER | | |
| 101 | 601-10057 | PARTICLE CLUTCH | | |
| 201 | 000-P00412-W | M SCR PH W/FS M4X12 | | |
| 202 | 000-P00408-W | M SCR PH W/FS M4X8 | | |
| 203 | 028-C00306-P | SET SCR CH CUP P M3X6 | | |
| 204 | 000-P00306-S | M SCR PH W/FS M3X6 | | |

ASSY MOTOR (HOT-3070)



| ITEM NO. | PART NO. | DESCRIPTION |
|----------|--------------|-----------------------|
| 1 | HOT-3071 | MOTOR BRKT |
| 2 | HOT-3072 | GEAR M1Z22 |
| 101 | 350-5535 | MOTOR AC100V 8W |
| 201 | 028-C00408-P | SET SCR CH CUP P M4X8 |
| 202 | 000-P00412-W | M SCR PH W/FS M4X12 |

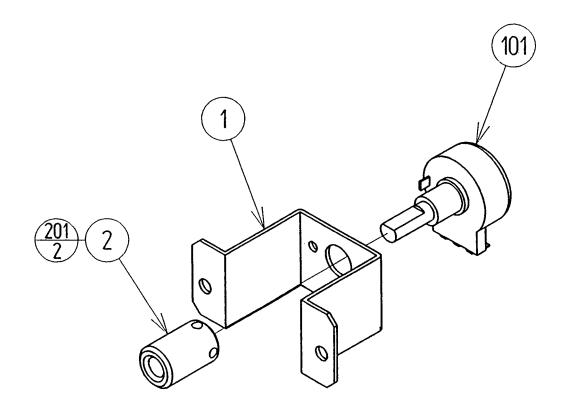
ASSY VOLUME X (HOT-3080)



| ITEM NO. | PART NO. | DESCRIPTION |
|----------|--------------|---------------------|
| | | |
| 1 | HOT-3081 | VOL BRKT |
| 2 | 601-5410 | GEAR 15 FAI 6 |
| 101 | 220-5484 | VOL CONT B-5K OHM |
| 201 | 028-C00306-P | SET SCR CH CUP M3X6 |

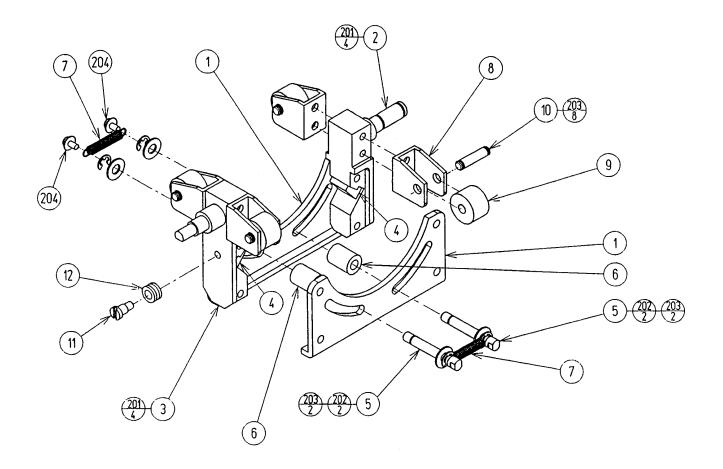
81

ASSY VOLUME Y (HOT-3090)

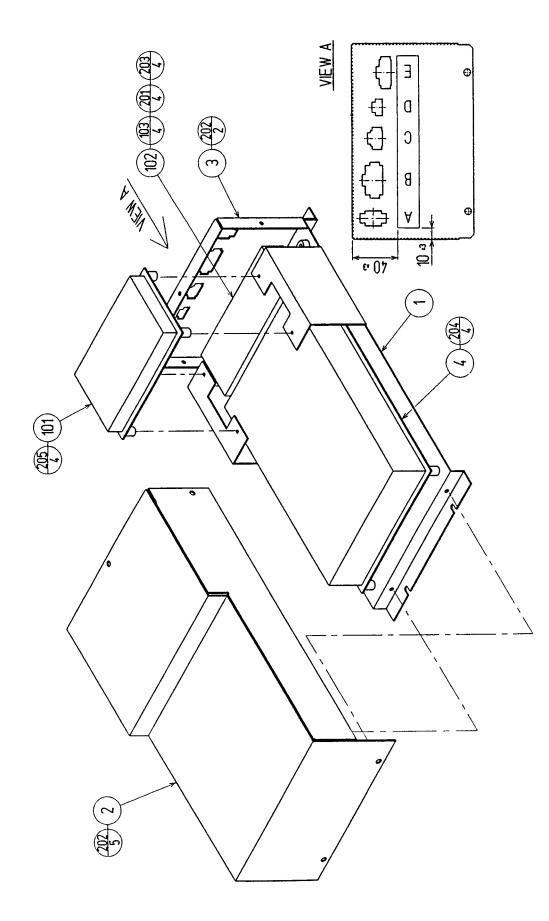


| ITEM NO. | PART NO. | DESCRIPTION |
|----------|--------------|-----------------------|
| 1 | HOT-3081 | VOL BRKT |
| 2 | 601-5410 | GEAR 15 FAI 6 |
| 101 | 220-5484 | VOL CONT B-5K OHM |
| 201 | 028-C00306-P | SET SCR CH CUP P M3X6 |

ASSY GUIDE (HOT-3100)

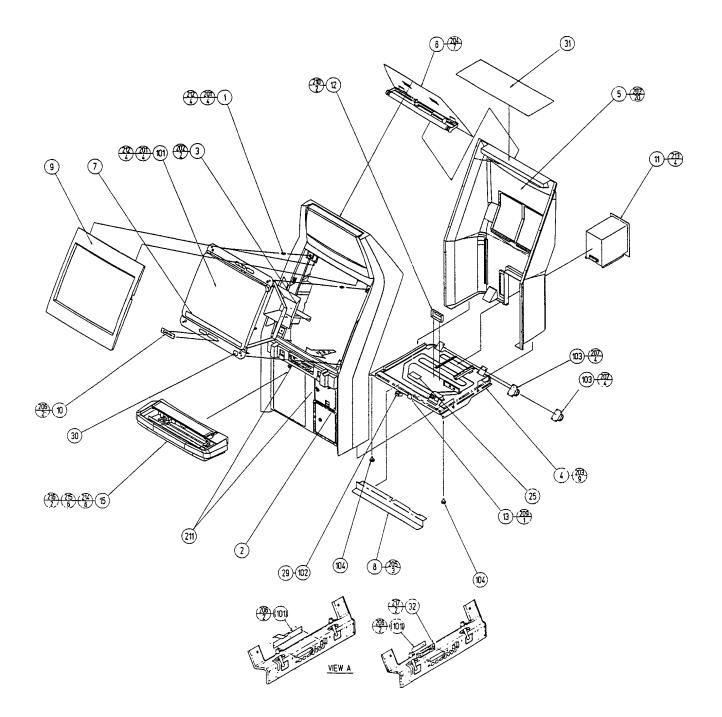


| ITEM NO. | PART NO. | DESCRIPTION |
|----------|--------------|--------------------|
| 1 | HOT-3101 | GUIDE PLATE |
| 2 | HOT-3102 | GUIDE HOLDER R |
| 3 | HOT-3103 | GUIDE HOLDER L |
| 4 | HOT-3104 | CUSHION |
| 5 | HOT-3105 | PIN B |
| 6 | HOT-3106 | COLLAR B |
| 7 | HOT-3107 | EXT SPRING |
| 8 | HOT-3108 | ROLLER HOLDER |
| 9 | HOT-3109 | STOP ROLLER |
| 10 | HOT-3110 | PIN C |
| 11 | HOT-3016 | SPRING HOOK PIN |
| 12 | HOT-3017 | SPRING HOOK ROLLER |
| 201 | 000-P00408-W | M SCR PH W/FS M4X8 |
| 202 | 060-F00500 | FLT WSHR M5 |
| 203 | 065-E00400 | E RING 4MM |
| 204 | 000-P00306-W | M SCR PH W/FS M3X6 |



DRIVER UNIT (HOT-4500)

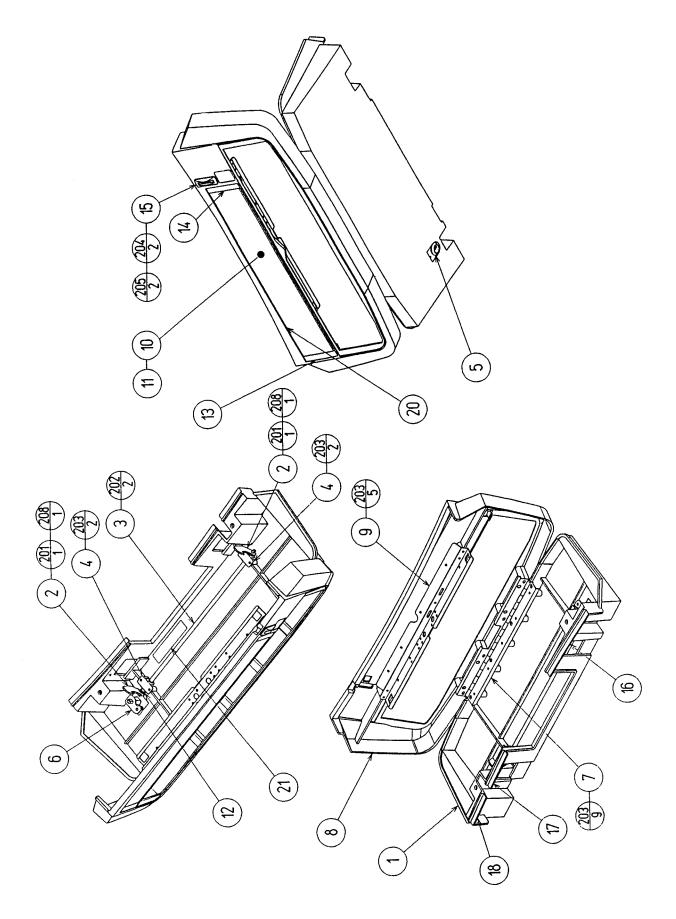
| ITEM NO. | PART NO. | DESCRIPTION |
|----------|----------------|---------------------------|
| 1 | HOT-4501 | DRIVER BASE |
| 2 | HOT-4502 | DRIVER LID |
| 3 | HOT-4503 | CONN BRKT |
| 4 | 839-1031 | ENCODER D/A BD |
| 101 | 838-9507 | CLUTCH & MOTOR CONTROL BD |
| 102 | 400-5368-03024 | SW REGU LCA30S-24 |
| 103 | 601-7467 | L-LOCK BK |
| 201 | 000-P00312-W | M SCR PH W/FS M3X12 |
| 202 | 000-P00408-W | M SCR PH W/FS M4X8 |
| 203 | 010-P00312-F | S-TITE SCR PH W/F M3X12 |
| 204 | 010-P00320-F | S-TITE SCR PH W/F M3X20 |
| 205 | 000-P00320-W | M SCR PH W/FS M3X20 |



ASSY CABINET 24K 750 OHM HC (HOT-10002)

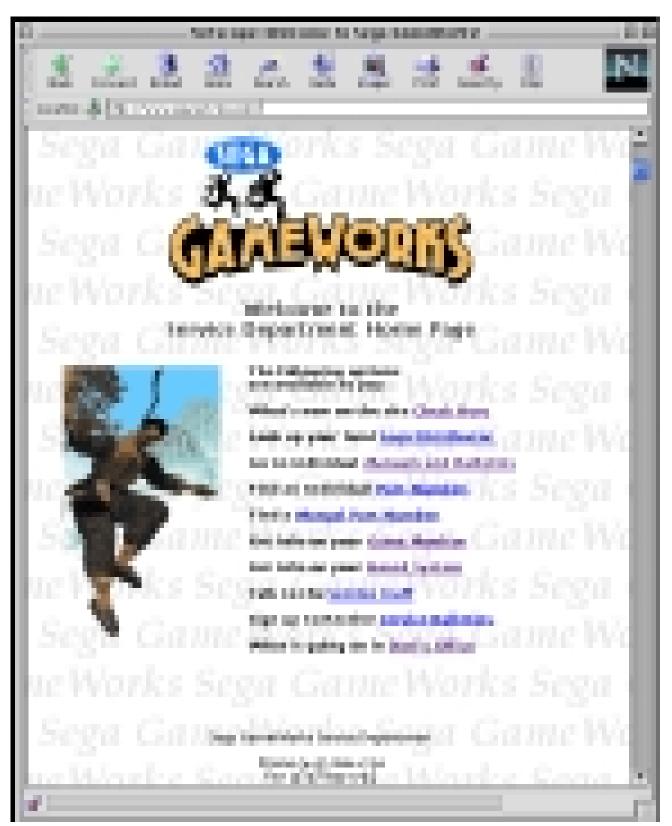
| ITEM NO. | PART NO. | DESCRIPTION |
|----------|----------------|--------------------------------|
| 1 | HOT-1001 | STUD BOLT |
| 2 | HOT-1100 | ASSY FRONT CABI |
| 3 | HOT-1004 | ASSY SHIELD COVER |
| 4 | HOT-1002 | LOWER BASE |
| 5 | HOT-1300 | ASSY REAR CABI |
| 6 | HOT-1350 | ASSY FL |
| 7 | CQN-1003 | GUTTER |
| 8 | HOT-1003X | STEP |
| 9 | HOT-1400 | ASSY MASK |
| 10 | HOT-1005-01 | CONN PLATE CRT |
| 11 | 400-5325-02-91 | POWER SUPPLY UNIT EXP |
| | 400-5325-03 | POWER SUPPLY UNIT EXP |
| 12 | HOT-1006X | CONN BRKT PWR SPLY |
| 13 | HOT-1007 | LID COIN CNTR |
| 15 | HOT-15001 | ASSY HARD CONTROL BOX |
| 31 | HOT-1008 | SHADE |
| 32 | HOT-1009 | SW BD BRKT |
| 33 | SGM-4420 | AIR CAP COVER 900X900X1800 |
| 101 | 200-5710 | ASSY CLR DSPL 29AUTO MS-2931-S |
| | 200-5642-24 | ASSY CLR DSPL 29TYPE 24K 100V |
| 102 | 220-5569 | MAG CNTR W/CONN |
| | 220-5570 | MAG CNTR W/CONN |
| 103 | 999-0169 | CASTER 2 1/2" |
| 104 | 999-0167 | LEG ADJUSTER |
| 201 | 050-H01000 | HEX NUT M10 |
| 202 | 000-P00408-WB | M SCR PH W/FS BLK M4X8 |
| 203 | 012-P00520-0C | TAP SCR #2 PH CRM 5X20 |
| 204 | 012-T00410-0C | TAP SCR TH CRM 4X10 |
| 205 | 000-P00420-W | M SCR PH W/FS M4X20 |
| 206 | 000-P00308-W | M SCR PH W/FS M3X8 |
| 207 | 030-000616-S | HEX BLT W/S M6X16 |
| 209 | 010-P00306-F | S-TITE SCR PH W/F M3X6 |
| 210 | 010-P00412-F | S-TITE SCR PH W/F M4X12 |
| 211 | 008-T00408-0C | TMP PRF SCR TH CRM M4X8 |
| 212 | 060-S01000 | SPR WSHR M10 |
| 213 | 000-P00412-WB | M SCR PH W/FS BLK M4X12 |
| 214 | 030-000625-SB | HEX BLT W/S BLK M6X25 |
| 215 | 068-652016-0B | FLT WSHR BLK 6.5-20X1.6 |
| 216 | 000-F00512 | M SCR FH M5X12 |
| 217 | 000-P00308-W | M SCR PH W/FS M3X8 |

ASSY HARD CONTROL BOX (HOT-15001)



ASSY HARD CONTROL BOX (HOT-15001)

| ITEM NO. | PART NO. | DESCRIPTION |
|----------|-----------|-------------------------|
| 1 | HOT-1501 | CONTL PNL LOWER |
| 2 | HOT-1520 | LATCH N |
| 3 | HOT-1503 | SHAFT |
| 4 | HOT-1504 | LATCH HOLDER |
| 5 | 220-5575 | CAM LOCK MASTER W/O KEY |
| 6 | HOT-1505 | LKG TNG |
| 7 | HOT-1522 | HINGE BSS HOT |
| 8 | HOT-1506 | CONTRL PNL UPPER |
| 9 | HOT-1521 | LOCK BRKT LONG |
| 10 | HOT-1508 | INSTRUCTION COVER |
| 11 | HOT-1510 | SHEET INSTR SPACE |
| 12 | HOT-1511 | TORSION SPRING |
| 13 | HOT-1512X | LATCH INSTR COVER R |
| 14 | HOT-1513X | LATCH INSTR COVER L |
| 15 | 220-5167~ | COIN ENTRY~ |
| 16 | HOT-1515 | SPONGE A |
| 17 | HOT-1516 | SPONGE B |
| 18 | HOT-1517 | SPONGE C |
| 20 | HOT-1519 | SPONGE D |
| 21 | 421-9823 | SW INSTR HOT |



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