

# OPERATOR'S MANUAL





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#### CAUTION:

- The specifications of this product are subject to change without notice for reasons such as performance. Visit: rawthrills.com for latest updates and information.
- The content of this game, its main devices and design are protected under each federal law concerning patent, copyright and other intellectual properties.
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# **Safety Instructions**

Safety instructions apply to operators and service personnel. Read these instructions before preparing the video game machine (Video Game Machine) for play. Other safety instructions appear throughout this manual.

#### WARNING: TRANSPORTING THE VIDEO GAME MACHINE (Video Game Machine).

The Video Game Machine contains glass and fragile electronic devices. Use appropriate care when transporting . Avoid rough handling when moving the video game machine.

#### WARNING: DISCONNECT POWER.

Always turn the power OFF and unplug the Video Game Machine before attempting service or adjustments unless otherwise instructed. Installing or repairing components with the power switched ON can damage the components an void warranty.

#### WARNING: GROUND GAMES.

Avoid electrical shock! Do not plug in the video game machine until you have inspected and properly grounded the AC service outlet. Only plug into a grounded, three-wire outlet. Do not use a "cheater" plug, or cut off the ground pin on the line cord.

#### WARNING: AVOID ELECTRICAL SHOCKS.

This video game machine does not utilize an isolation transformer. Internal cabinet AC is not isolated from the external AC line. Dangerous High voltage is present inside the game when plugged into outlet. Always unplug before servicing.

#### WARNING: HANDLE FLOURESCENT TUBE AND LCD WITH CARE.

If you drop a fluorescent tube and it breaks, it will implode! Shattered glass can fly eight feet or more from the implosion.

#### WARNING: CHECK POWER SELECTOR SWITCH AND LAMPS.

Set the 115/230 VAC selector switch on the power supply for the correct line voltage on the installation site. Verify that the fluorescent lamps, 12V power supply, transformer and PC voltage selector switch are rated/set for the proper line voltage in your installation sit.

#### WARNING: USE PROPER FUSE.

Avoid electrical shock! Replacement fuses must be identically rated to the original fuse!

#### WARNING: ATTACH CONNECTORS PROPERLY.

Be sure all connectors mate properly. If connectors do not slip in easily, do not force them. Connectors are often keyed and only connect one way. Check for correct orientation.

#### WARNING: USE EXTREME CARE WHEN HANDLING PC.

The PC contains sensitive components such as a hard drive. Do not handle roughly. Call your distributor before servicing PC internal components. Ask about warranty information as it relates to the PC.

#### WARNING: FOR INDOOR USE ONLY.

The Video Game Machine is not designed for outdoor use or in the presence of water or moisture. Operate in dry and well ventilated areas away from sources of water or water jet. Do not wash games with water or any liquid.

#### WARNING: HAZARD TO EPILEPTICS.

A very small portion of the population has a condition which may cause them to experience epileptic seizures or have momentary loss of consciousness when viewing certain kinds of flashing lights or patterns that are present in our daily environment. These persons may experience seizures while watching some kinds of television pictures or playing certain video games. Peoples who have not had any previous seizures may nonetheless have an undetected epileptic condition.

If you or anyone in your family has experienced symptoms linked to an epileptic condition (e.g., seizures or loss of awareness), immediately consult your physician before using any video games.

We recommend that parents observe their children while they play video games. If you or your child experience the following symptoms: dizziness, altered vision, eye or muscle twitching, involuntary movements, loss of awareness, disorientation, or convulsions, DISCONTINUE USE IMMEDIATELY and consult your physician.



# **PRODUCT SPECIFICATIONS**

#### **OPERATING REQUIREMENTS**

ELECTRICAL POWER Domestic 120VAC @ 60 Hz, 5 amps Foreign 240VAC @ 50Hz, 2.5 amps

<u>TEMPERATURE</u>

32° F to 100°F (0°C to 38°C)

<u>HUMIDITY</u> Not to exceed 95% relative humidity.

#### 42 INCH SITDOWN MODEL MAIN CABINET DIMENSIONS (INSTALLED)

Height = 83.09 inches (211.05 cm) Depth = 65.92 inches ( 167.43 cm ) Width = 41.31 inches ( 104.93 cm )

#### 42 INCH SITDOWN MODEL MAIN CABINET SHIPPING WEIGHT and DIMENSION

Weight = 572 lbs. (259.45 Kg) Game Container = W 43 inches(109 cm) x D 37 inches (93.98 cm) x H 87 inches (220.98 cm) Seat Container = W 21.5 inches (54.61 cm) x D 37 inches (93.98 cm) x H 53.25 inches (135.26 cm)

#### INSPECTION AND INSTALLATION

WARNING: Use extreme care when moving or servicing the game cabinet. Don't plug in the game until you have read this manual. If the line cord is damaged, it must be replaced by a similar cord available from the manufacturer or service agent.

Please check the following after the game has been removed from its shipping crate and placed in a suitable play or service area.

Make sure that the game cabinet is level. Adjust the casters as needed.

- 1. Check the AC line cord for any visible signs of damage to the plug or line cord insulation.
- 2. Check for possible shipping damage to the following:
  - Player interfaces: steering wheel, buttons, keypad and throttle assembly.
  - Seat assembly.
  - Monitor bezel.
  - Cabinet backdoor.
  - Cabinet coin door.
  - Cabinet and seat decals.
- 3. Remove the coin door key from the coin return chute.
- 4. Open the top coin door and locate the key for the backdoor and the cashbox.
- 5. Locate hardware kit: tamper proof tool kit

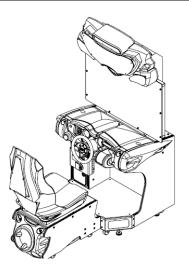
crossover network cable

line cord

seat hardware fasteners (8 sets)

- 6. Remove the backdoor the backdoor from the cabinet and visually inspect the electronic components.
- 7. Verify that all connectors are secure and that the bottom of the cabinet is free of loose objects which may have possibly come loose during shipping.

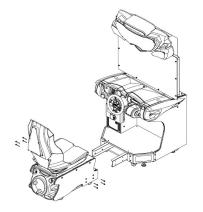
CAUTION: Access to back of the games should be limited to service personnel only! Allow minimum clearance between back of game and wall structure for cable and ventilation while preventing non-authorized access. Maximum clearance should be 6 inches (15 cm), in accordance with local code or whichever is less.



## Seat Assembly Procedure

WARNING: The cabinet is top heavy. Install only on level surface. Use the leg levelers to make sure the cabinet and seat are stable. Do not push against plastic parts during movement.

- 1. Roll the cabinet and seat to the intended location and lower the leg levelers until both are equal height and stable.
- Reach inside the base of the cabinet remove the bolts to fasten a mounting rail to the cabinet and set aside. Individually pull the rail out, flip it end over end and reinsert it. Fasten the rail to the inside of the cabinet with bolts until finger tight; some movement is required in the mounting rails to align holes with seat pedestal assembly. Repeat for the mounting rail on the other side. See diagram.
- 3.



- 4. Roll the pedestal near the cabinet and align the opening in the pedestal with the ends of the rails. Slide the pedestal forward onto the rails leaving enough space to attach the wiring harness. Mate each cable connector and press firmly to seat the contacts. Ensure no wires are pinched during the pedestal attachment. Fasten in place with the ¼" X 20 tamper resistant screws and large flat washers provided.
- 5. Tighten the screws firmly with the wrench provided, and then tighten the bolts for the mounting rails.
- 6. Adjust all levelers until both cabinet and seat are flush and parallel with each other. Inspect for pinched wires before firmly tightening the remaining fasteners to attach the two pieces as one.

# Game Networking

NOTICE: To link the two games together, use the crossover cable provided in the spare parts bag. Use of another cable other than the one shipped with the game could void warranty or cause games not to link. Use network cables which are at least CAT5 grade.

### **Networking Considerations**

Each Dirty Drivin' game comes with a cross over network cable for linking 2 cabinets. Optionally, a network hub(not shipped with Dirty Drivin') can be installed when linking 3 or more Dirty Drivin' cabinets. A network patch cable (do not use crossover cable) is required. The patch cable is not shipped with the game and must be purchased separately.

Take care to protect exposed game wiring from general foot traffic around the game. Use a conduit or wire way to protect the cables as needed.

Please mark linking cables for your game if other such cables are in the vicinity to avoid confusion. Network cables are not marked or coded.

Avoid routing the network cables near sources of heat, moisture or electrical energy such as neon lights, compressor motors, transformers etc.

## Two Game Networking Setup

- 1. Remove the network cable from the spare parts bag inside the cashbox.
- 2. Connect each end of the cable to network jack behind each PC.
- 3. Neatly route the cable through the notch on the back of the cabinet.
- 4. Reset both games simultaneously and verify that link is successful. If not, refer to *Network Adjustment* section of the manual to make sure that each unit is assigned a unique game ID. Make sure that the network cable is connected properly and secured.

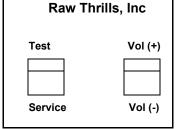
### Three or More Game Networking Setup

- 5. Connect a network patch cable to each PC's network jack.
- 6. Connect the other end of the cable to network to a network hub. Make sure that network hub is installed according to manufacturer instructions.
- 7. Neatly route the cable through the notch on the back of the cabinet and secure the back door.

8. Reset all games simultaneously and verify that link is successful. If not, refer to *Network Adjustment* section of the manual to make sure that each unit is assigned a unique game ID. Make sure that the network cable is connected properly and secured.

## SETUP AND TEST MENU

Locate the *Service Button Panel*. The Service Button Panel is made up of two rocker switches. Simply press the side of the switch indicated by the function you want to activate. It is mounted inside the coin door area on top of the cash box vault. Press the **TEST** button to access the **Test Menu**.



#### Menu Navigation:

Button	Action
Test or Keypad (#)	Enter Operator Screen/Select Item
Service or Keypad (*)	Exit Menu
Vol. (+) or Keypad (8)	Scroll up thru Menu items
Vol. (-) or Keypad (0)	Scroll down thru Menu items

### MAIN MENU

The Test Main Menu appears when the TEST button is pressed.

Dirty Drivin' (tm) © 2010 Specular Interacti	ive, Inc., and Raw Thrills, Inc. All rights reserved. [v1.0e] 3/16/2011 6:17:27 PM Keypad
Player 8 Credits To Start: 1 Credits: 1/4	[v1.0e] 3/16/2011 6:17:27 PM Keypad
Main Menu [v1.0e]	
Build Test Mar/23/2011,06:14pm,SPARE-PC	
Program 4482-2350	
Data 0131-2AF4	
Sound	
Calibration	
Adjustments	
Diágnostics	
Audits	
Utilities	
Advanced	
Help	
Exit	
ENTER - Test or #	
EXIT - Service or *	
UP - Volume UP or 8	
DOWN - Volume DOWN or 0	

NOTICE: New settings are automatically saved upon exiting the adjustment menu. Exit the test menu normally by using the Service or Keypad (\*). If power to the game is interrupted while making adjustments to the game, you may need to re-enter the new settings again.

# Sound Menu

From the *Main Menu*, select *Sound* and enter to view volume adjustment options. Seat Rumble Strength is a function of the sub-woofer volume and how strong it vibrates the seat. Adjust Attract Volume to appropriate level best suited for the game's location. Reset Sound Defaults restores the factory volume setting.



### **Calibration**

From the *Main Menu* select and enter *Calibration*. Select operation: Throttle or Wheel Calibration. Follow the screen prompts carefully. Check for proper calibration.

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Player 8 Credits To Start: 1 Credits: 1/4 [v1.0e] 3/16/2011 5:50:58 PM Keypad Main Menu
Calibrations Gas Calibration
Wheel Calibration
Use H2Overdrive Throttle As Crank [DISABLE]
Throttle Calibration
Exit
ENTER - Test or # EXIT - Service or *
UP - Volume UP or 8
DOWN - Volume DOWN or 0

# **Throttle Calibration**

From the *Calibration Menu* select and enter **Throttle Calibration**. The throttle controls the speed as well as forward and reverse direction of the Truck. It is also key in achieving jump tricks and maneuvers. Follow the instruction on screen for successful calibration. It is important to calibrate game controls to compensate for mechanical wear and tear. A properly functional game will result in optimal earnings and increased customers re-play.

Dirty Drivin' (tm) © 2010 Specular Interactive, Inc., and Raw Thrills, Inc. All rights reserved. Player 8 Credits To Start: 1 Credits: 1/4 [v1.0e] 3/16/2011 5:50:57 PM Keypad Throttle Calibration
Crank values
Crank forward Crank backward
Raw analog input (Throttle) Center 126 - 129
Press VIEW or TEST to begin. Press SERVICE to quit.
Move the throttle through its full range, then leave it in NEUTRAL. Press VIEW or TEST to finish. Press SERVICE to quit.
Calibration is finished. Press VIEW or TEST to exit. Press SERVICE to recalibrate.
ENTER - Test or # EXIT - Service or * UP - Volume UP or 8 DOWN - Volume DOWN or 0

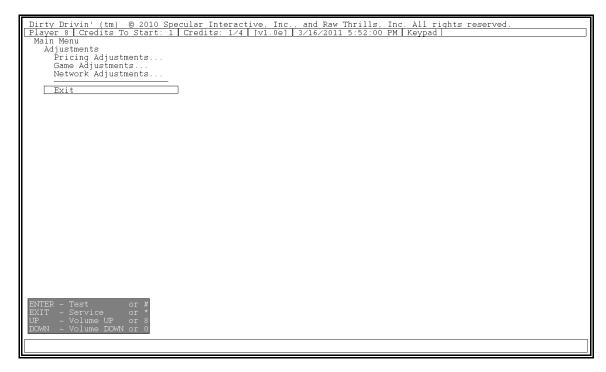
### Wheel Calibration

From the *Calibration Menu* select and enter Wheel Calibration. The steering wheel controls the left/right direction of the Truck. Follow the direction on the screen for proper wheel calibration.

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Wheel Calibration Calibrated value
Raw analog input Wheel 127
Press VIEW or TEST to begin. Press SERVICE to quit.
Move the wheel through its full range. Press VIEW or TEST to finish. Press SERVICE to quit.
Calibration is finished. Press VIEW or TEST to exit. Press SERVICE to recalibrate.
ENTER - Test or # EXIT - Service or *
LXII - Service or ' UP - Volume UP or 8 DCWN - Volume DOWN or 0

## **Adjustments**

From the *Main Menu* select and enter *Adjustments*. Operator adjustable settings can be found in the sub-menu. Scroll and select the appropriate item within each sub-menu. Make changes to game settings as needed. Changes are automatically saved when you exit.



## Pricing Adjustments

From the *Adjustmenst Menu* select and enter *Pricing Adjustments*. Game pricing will be overridden if *Free Play* is set to [ENABLE]. Select the correct "Insert Money Message" based on payment system at location.

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Player 8 Credits To Start: 1 Credits: 1/4 [v Main Menu	v1.0e] 3/16/2011 5:51:12 PM Keypad
Adjustments	
Pricing Adjustments	
Current Coins Current Credits	
Current Credits	[1/4]
Free Play	[DISABLED]
Insert Money Message Coins Per Credit	[INSERT COINS] [4]
Credits To Start	[4]
Credits To Continue	[3]
Max Credits Coins Per Bill Pulse	[30] [1]
COINS FEI BIII PUISE	
Purchasable Upgrade	[ENABLED]
Upgrades Per Credit	[2]
Free Race Crate - Single-player	[ENABLE]
Free Race Crate - Multiplayer	[DISABLE]
Free Race Crate Percent - Single-player Prize Wheel Free Game	[10%] [ENABLE]
Prize Wheel Free Game Percent	[5%]
Exit	
ENTER - Test or #	
EXIT - Service or *	
UP - Volume UP or 8	
DOWN - Volume DOWN or 0	
L	

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## **Game Adjustments**

From the *Adjustments Menu* select and enter *Game Adjustments*. Units Measure refers to Speed in miles (Imperial) or kilometers (Metric) per hour. Attract Mode Lights refers to the LED clusters activity when game is not in play. Wheel Stiffness refers to the amount of wheel centering force. Move the wheel left/right while adjusting the wheel strength in real time.

Dirty Drivin' (tm) © 2010 Specular Interactive, 1 Player 8 Credits To Start: 1 Credits: 1/4 [v1.0	nc., and Raw Thrills, Inc. All rights reserved.
Player 8 Credits To Start: 1 Credits: 1/4 [v1.0	e] 3/16/2011 5:51:45 PM Keypad
Main Menu	
Adjustments	
Game Adjustments	
Units Of Measure [METRIC]	
Wheel Stiffness	
Races To Reset High Score [10000]	
Game Difficulty Level [8]	
Enable DNF [DISABLE	D]
Tracks & Trucks Unlock	
Auto Gas	
Frostbite	
Cabinet Lights	
Single-player Rival	
Exit	
ENTER - Test or #	
EXIT - Service or *	
UP - Volume UP or 8 DOWN - Volume DOWN or 0	
DOMM - AOINWE DOMM OL. 0	

### **Network Adjustments**

From the *Adjustments Menu* select and enter *Network Adjustments*. Assign a unique Player ID for each game attached to the network. If two games are assigned the same Player ID the games will not link correctly.

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Player 8 Credits To Start: 1 Credits: 1/4 [v1.0e] 3/16/2011 5:51:59 PM Keypad Main Menu
Adjustments
Network Adjustments
Player ID [8] Keep Volume Synced [TRUE]
Sync All Operator Settings
Exit
ENTER - Test or # EXIT - Service or *
UP - Volume UP or 8
DOWN - Volume DOWN or 0

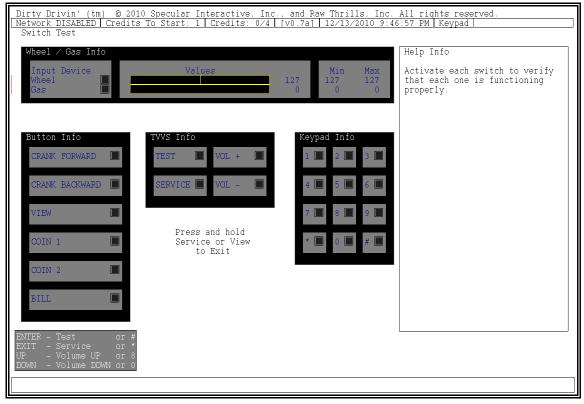
## **Diagnostics**

From the *Main Menu* select and enter *Diagnostics*. All input and output functions of the game can be functionally tested by selecting and performing the appropriate test function.

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Player 8 Credits To Start: 1 C: Main Menu	edits: 1/4 [VI.Ue]]	3/16/2011 6:04:25 1	Рм   кеураа	
Diagnostics Switch Test				
Wheel Test Cabinet Light Test				
Sound Test LCD Monitor Tests				
Watchdog Test				
Coin Meter Test				
Exit				
ENTER - Test or #				
EXIT - Service or * UP - Volume UP or 8				
DOWN - Volume DOWN or 0				

## Switch Test

From the *Diagnostics Menu* select and enter *Switch Test*. To aid in troubleshooting, an audible tone can be heard when a switch is activated. Switches that have been activated are also shown in a different shade. Press and hold SERVICE to Exit.



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# Lamp Test

From the *Diagnostics Menu* select and enter *Lamp Test*. Lamps increase the overall visual appeal of the game. They help to attract players as well as enhance the their playing experience. Periodically test each controlled lamp. Turn on all lamps or control them individually.

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Main Menu	I Credits: 1/4  VI	.0e] 3/16/2011 6:03:55 PM Keypad
Diagnostics Cabinet Light Test		
All Lights	[OFF]	_
Left Indicator 1 Left Indicator 2	[OFF]	
Left Indicator 3	[OFF] [OFF]	
Left Indicator 4 Right Indicator 1	[OFF] [OFF]	
Right Indicator 2 Right Indicator 3	[OFF] [OFF]	
Right Indicator 4	[OFF]	
Fog Light 1 Fog Light 2	[OFF] [OFF]	
Fog Light 3 Fog Light 4	[OFF] [OFF]	
Spéaker 1 Speaker 2	[OFF] [OFF]	
Speaker 3	[OFF]	
Large Dials Small Dial R	[OFF] [OFF]	
Small Dial L Base	[OFF] [OFF]	
View Button Extra	[OFF] [OFF]	
	[011]	-
Exit		
ENTER - Test or #		
EXIT - Service or *		
UP - Volume UP or 8 DOWN - Volume DOWN or 0		
L		

# Sound Test

From the *Diagnostics Menu* select and enter *Sound Test*. Main Speakers refer to the two marquee speakers.

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Network DISABLED Credits To Start: 1 Credits: 0/4 [v0.7a] 12/13/2010 9:47:26 PM Keypad	
Main Menu	
Diagnostics	
Sound Test Test Main Speakers: Low Sound ( 100 Hz) [OFF]	
Test Main Speakers: High Sound (100 H2) [OFF]	
Seat Woofer: Low Sound (100 Hz) [OFF]	
Seat Woofer: High Sound (1000 Hz) [OFF]	
Exit	
ENTER - Test or #	
EXIT - Service or *	
UP - Volume UP or 8	
DOWN - Volume DOWN or 0	

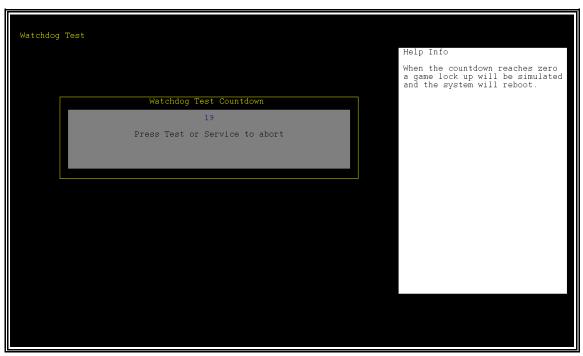
# LCD Test

From the *Diagnostics* menu, select and enter *LCD Monitor Tests.* Verify correct color and purity for Red, Blue and Green screens. Check for proper graphics card and LCD controller synch using the inversion test. Follow the direction on the screen.



### Watchdog Test

From the *Diagnostics Menu* select and enter *Watchdog Test*. The watchdog circuit allows for the PC to automatically re-boot in the event of a lock-up. This is an important feature that allows the game to be installed in unattended locations. The game will reboot to indicate that the test is successful.

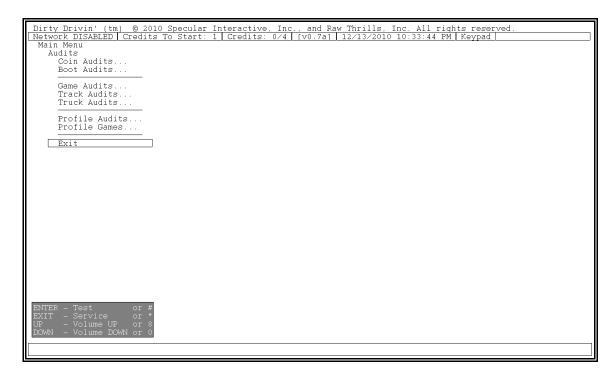


#### **Coin Meter Test**

From the *Diagnostics Menu* select and enter *Coin Meter Test.* Advance the meter once using by pressing Test. Press the Service Button to exit the test.

# <u>Audits</u>

From the Main Menu select and enter Audits.



#### <u>Coin Audits</u> From the *Audit Menu* select and enter *Coin Audits*.

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Network DISABLED Credits To Start: 1 Main Menu	Credi	ts: 0/4 [v0.7a] 12/13/2010 10:32:48 PM Keypad
Audits Coin Audits		
Current Credits	0/4	
Total Inserted Service Credits	0	
Total Inserted Service Credits Slot 0 Coins Slot 1 Coins Total Slot Coins Bill Validator Coins Exit	108 0	
Total Slot Coins	108	
Bill Validator Coins	4	
Exit		
ENTER - Test or #		
EXIT – Service or * UP – Volume UP or 8		
DOWN - Volume DOWN or 0		

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# **Boot Audits**

From the Audit Menu select and enter Boot Audits.

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Player 8 Credits To Start: 1 Credits: 1/4 Main Menu	[v0.7a]   3/16/2011 12:53:29 PM   Keypad
Audits	
Boot Audits	AA AA AA AA
Total Boot Time Total Boots	00:01:08 169
Total Maintenance Reboots	0
No I/O Board Detected on Boot	0
Test-Mode Entries	56
Watchdogs Recent Watchdog Reboot	0
Slow Frame Rate Reboot Recent Slow Frame Rate Reboot	0
Lost Device Reboot	0
Recent Lost Device Reboot	
Lost VSync Reboot Recent Lost VSync Reboot	0
Race Too Long Reboot	0
Recent Race Too Long Reboot	
Crash Log	
EIP	0000000
Exception Address	0000000 0000000
Time	0000000
Game code	-1 Undefined
Count	0
Exit	
ENTER - Test or # EXIT - Service or *	
UP - Volume UP or 8	
DOWN - Volume DOWN or 0	

# Game Audits

From the Audit Menu select and enter Game Audits.

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Network DISABLED Credits To Start: 1 Credi	ts: 0/4 [\	0.7a] 12/13/2010 10:32:56 PM Keypad
Main Menu		
Audits Game Audits		
Game Audits		
Games Played	23	
Games Started	15	
Games Continued		
Single-player Races Timed Out (DNF)	0	
Multiplayer Races Timed Out (DNF)	0	
Profile Games	11	
Non-Profile Games	3	
Single-player Games	14	
Multiplayer Games	14	
Harvipidyor damod	· · · · ·	
Unfinished Games	22	
Total Free Games	0	
Free Games From Crate	0	
Free Games From Spin Wheel	0	
Time Come On	0.00.00	
Time Game On Time In Attract Mode	2:00:09 0:56:44	
Time In Attract Mode	1:03:25	
IIIWA IN GAWA	1.03.20	
Total Time In Race	0:30:21	
	0100181	
Exit		
ENTER - Test or #		
EXIT - Service or * UP - Volume UP or 8		
DOWN - Volume DOWN or 0		
Dougt Fording Dougl of a		

# **Track Audits Summary**

From the Audit Menu select and enter Track Audits Summary.

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Network DISABLED Credits To Start: 1 Credits:	
Main Menu	
Audits	
Track Audits	
The she budden Commence - Cincile - Leven	
Track Audits Summary - Single-player Track Audits Summary - Multiplayer	
TTACK AUGIUS SUMMATY - MUTUPTAYEL	
Detailed Track Audits	
Thunder Mesa	
Brawlaseum	
Twisted Swisster	
Volcano Island	
Iron Circuit	
Revenge of the Nile	
Lost Čity Flipped Thunder Mesa	
Flipped Brawlaseum	
Flipped Twisted Swisster	
Flipped Volcano Island	
Flipped Iron Circuit	
Flipped Revenge of the Nile	
Flipped Lost City	
Exit	1
LXII	
ENTER - Test or #	
ENTER - Test or # EXIT - Service or *	
UP - Volume UP or 8	
DOWN - Volume DOWN or 0	

#### **Detailed Track Audits**

From the *Track Audit Summary Menu* select and enter a specific track for more detailed audit information.

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Network DISABLED Credits To Start: 1 Cr	edits: 0∕4 [∖	/0.7a] 12	2/13/2010 10:42:16 PM Keypad
Main Menu			
Audits			
Track Audits			
Flipped Lost City			
Selected	0		
Single-player			
Best Score	0		
Worst Score	0		
<u>Average Sc</u> ore	0		
Multiplayer			
Best Score	0		
Worst Score	0		
Average Score	0		
Single-player Placing Results -			
1st Place	0	0.00%	
2nd Place	0	0.00%	
3rd Place	0	0.00%	
4th	0	0.00%	
5th	0	0.00%	
6th	0	0.00%	
7th	0	0.00%	
8th	0	0.00%	
9th	0	0.00%	
10th	0	0.00%	
11 - 15th	0	0.00%	
16 - 20th	0	0.00%	
21 - 25th	0	0.00%	
26th +	0	0.00%	
Timed Out (DNF)	0	0.00%	
			1
Exit			
ENTER - Test or #			
EXIT - Service or *			
UP - Volume UP or 8			
DOWN - Volume DOWN or 0			

# Truck Audits

From the Audit Menu select and enter Truck Audits.

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[Player 8 ] Credits To Start: 1   Credits: 1/4   [v1.0e]   3/16/2011 6:10:56 PM   Keypad
Main Menu
Audits
Truck Audits
Truck Audits Summary
Detailed Truck Audits
Patriot
Battlet
Dume Buggy
Voodoo
Tycoon
Zûulu
Lock & Load
Go-Rilla
Riptide
Snake Bite
Bone Wagon
Done Hagen
Exit
EAT
ENTER - Test or #
EXIT - Service or *
UP - Volume UP or 8
DOWN - Volume DOWN or 0
LOWN - VOLUME LOWN OF 0

# **Truck Audits Summary**

Network DISABLED Credits To S Main Menu Audits	lar Interactive, Inc., and Raw Thrills, rt: 1 Credits: 0/4 [v0.7a] 12/13/2010	Inc. All rights reserved. 10:26:36 PM [Keypad]
Truck Audits Truck Audits Summary		
Single-player Races		
	-Total Race Time Selected 1st	Finishes Time Outs (DNF)
Patriot	0:02:04 1 0	1 1 0
Battle Axe	0:06:12 5 2	3   0
Dume Buggy	0:04:34 3 0	2 0
Voodoo	0:02:11   1   0	
Tycoon Zuulu	0:02:11   1   0 0:00:00   0   0	
Lock & Load		
Go-Rilla		
Riptide	0:04:02 2 0	
Snake Bite	0:00:00 1 0	
Bone Wagon	0:04:25 3 0	
Multiplayer Races		
Name	-Total Race Time Selected Finish	es Time Outs (DNF)
Patriot	0:00:00 j 0 j 0	0
Battle Axe	0:00:00 j 0 j 0	0
Dume Buggy	0:00:00 0 0	0
Voodoo	0:00:00   0   0	0
Tycoon	0:00:00   0   0	0
Zuulu	0:00:00   0   0	0
Lock & Load	0:00:00   0   0	0
Go-Rilla Riptide		
Snake Bite		
Bone Wagon		
bolle wayoli	0.00.00   0   0	0

From the Truck Audit Menu select and enter Truck Audits Summary.

### **Detailed Truck Audits**

From the Truck Audit Menu select and enter Detailed Truck Audits. Select a Truck to view more details.

Dirty Drivin' (tm) © 2010 Specu	<u>lar Interactive,</u>	Inc., and Raw Thrills, Inc. All rights reserved. 0/4 [v0.7a] 12/13/2010 10:26:52 PM Keypad]
Main Menu	I [ Credits:	0/4     V0.7a     12/13/2010 10:26:52 PM   Neypau
Audits		
Truck Audits		
Bone Wagon		
Total Race Time	0:04:25	
Selected	3	
Single-player		
Best Score	70400	
Worst Score	52000	
Average Score	61200	
Time Outs (DNF)	0	
Multiplayer		
Best Score	0	
Worst Score	0	
Average Score	0	
Time Outer (DNT)	0	
Time Outs (DNF)	U	
Exit		]
ENTER - Test or #		
EXIT - Service or * UP - Volume UP or 8		
UP - Volume UP or 8 DOWN - Volume DOWN or 0		
DOWN - VOLUME DOWN OF 0		

# **Profile Audits**

From the Audit Menu select and enter Profile Audits.

Dirty Drivin' (tm) © 2010 Specular In	teractive, Inc., and Raw Thrills, In	c. All rights reserved.
Network DISABLED Credits To Start: 1	Credits: 0/4 [v0.7a] 12/13/2010 1	0:33:36 PM Keypad
Main Menu		
Audits Profile Audits		
Profile Audits		
Profiles Created	1	
Profile Game Complete		
Game Completion  Number	of Profiles   Percent Profile -	-
0 - 10 %	1 100.00 %	
11 - 20 %	0 0.00 %	
21 - 30 %	0 0 0 %	
31 - 40 %	0 0.00 %	
41 - 50 % 51 - 60 %	0 0.00 % 0 0.00 %	
51 - 80 % 61 - 70 %	0 0.00 %	
71 - 80 %	0 0.00 %	
81 - 90 %	0 0.00 %	
91 - 100 %	0 0.00 %	
		<u> </u>
Exit		
ENTER - Test or #		
EXIT - Service or *		
UP - Volume UP or 8		
DOWN - Volume DOWN or 0		

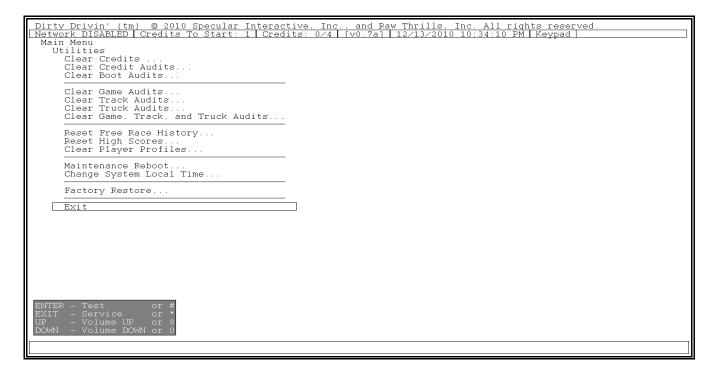
# **Profile Games Audit**

From the Audit Menu select and enter Profile Games.

Player 8 Credits To Start: 1 Credits: 1/4 [v1.0e] 3/16/2011 6:11:05 PM Keypad      Main Menu Audits    Profile Games      Profiles Created    2      Profile Max Consecutive 1st Place    2      Profile Games Count    0      Image: Count Number of Profiles Percent Profile 0    0      0    2    100.00 %      2    1    50.00 %      3    0    0.00 %      4    0    0.00 %      5    0    0.00 %      6    0    0.00 %      9    0    0.00 %      10    0    0.00 %      1    5    0    0.00 %      10    0    0.00 %      10    0    0.00 %      11    15    0    0.00 %      12    30    0    0.00 %      11 - 15    0    0.00 %    0.00 %      12 - 30    0    0.00 %      11 - 50    0    0.00 %      11 - 50    0    0.00 %      11 +    0    0.00 %      11 +	Dirty Drivin' (tm) © 2010 Specular Interactive, Inc.,	and Raw Thrills. Inc. All rights reserved.
Audits Profile Games    2      Profiles Created    2      Profile Max Consecutive Ist Place    0      Profile Games Count    0      Game Count   Number of Profiles   Percent Profile 0    2      1    0    0.00 %      2    1    50.00 %      3    0    0.00 %      4    0    0.00 %      5    0    0.00 %      6    0    0.00 %      7    0    0.00 %      10    0    0.00 %      11 - 15    0    0.00 %      121 - 30    0    0.00 %      31 - 40    0    0.00 %      41 - 50    0    0.00 %	Player 8 Credits To Start: 1 Credits: 1/4 [v1.0e]	
Profile Games    Profiles Created  2    Profile Max Consecutive 1st Place  2    Profile Games Count  0		
Profiles Created    2      Profile Max Consecutive 1st Place    2      Profile Games Count    0      Game Count   Number of Profiles   Percent Profile    0      1    0    0.00 %      2    1    50.00 %      3    0    0.00 %      4    0    0.00 %      5    0    0.00 %      6    0    0.00 %      7    0    0.00 %      8    0    0.00 %      10    0    0.00 %      6    0    0.00 %      11 - 15    0    0.00 %      16 - 20    0    0.00 %      11 - 15    0    0.00 %      31 - 40    0    0.00 %      31 - 40    0    0.00 %      31 + 40    0    0.00 %		
Profile Max Consecutive 1st Place    2      Profile Games Count	Profile Games	
Profile Max Consecutive 1st Place    2      Profile Games Count	Profiles Created	2
Profile Max Consecutive Non-1st Place      0        Profile Games Count	HOHHOD GIOLIOG	
Profile Games Count      Game Count   Number of Profiles   Percent Profile      0    2      1    0      2    1      3    0      4    0      5    0      6    0      7    0      0    0.00 %      4    0      5    0      7    0      9    0      10    0.00 %      11    15      10    0.00 %      11    15      10    0.00 %      11    15      10    0.00 %      11    15      10    0.00 %      11    15      12    0      13    40      14    50      14    50      14    50      14    50      14    50      14    50      15    0      14    50      15    0		
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41 - 50    0    0.00 %      51 +    0    0.00 %		
51 + 0 0.00 %		
Exit	51 + 0	0.00 %
Exit		
	Exit	
ENTER - Test or # EXIT - Service or *		
LAT - Service of AUP - Volume UP or 8		
DOWN - Volume DOWN of 0		

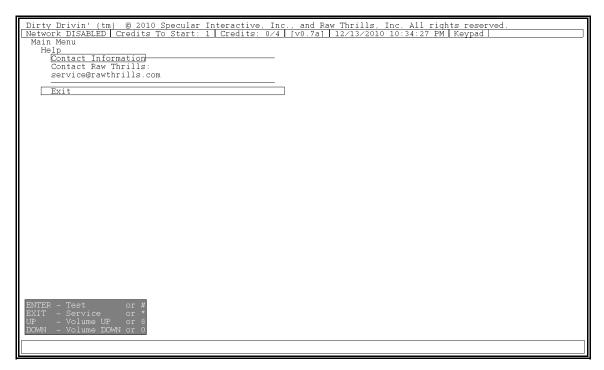
# <u>Utilities</u>

From the *Main Menu* select and enter *Utilities*. It is often a good idea to clear audit information when a game has been moved to a new location or after a change in setting like price, difficulty level or similar.



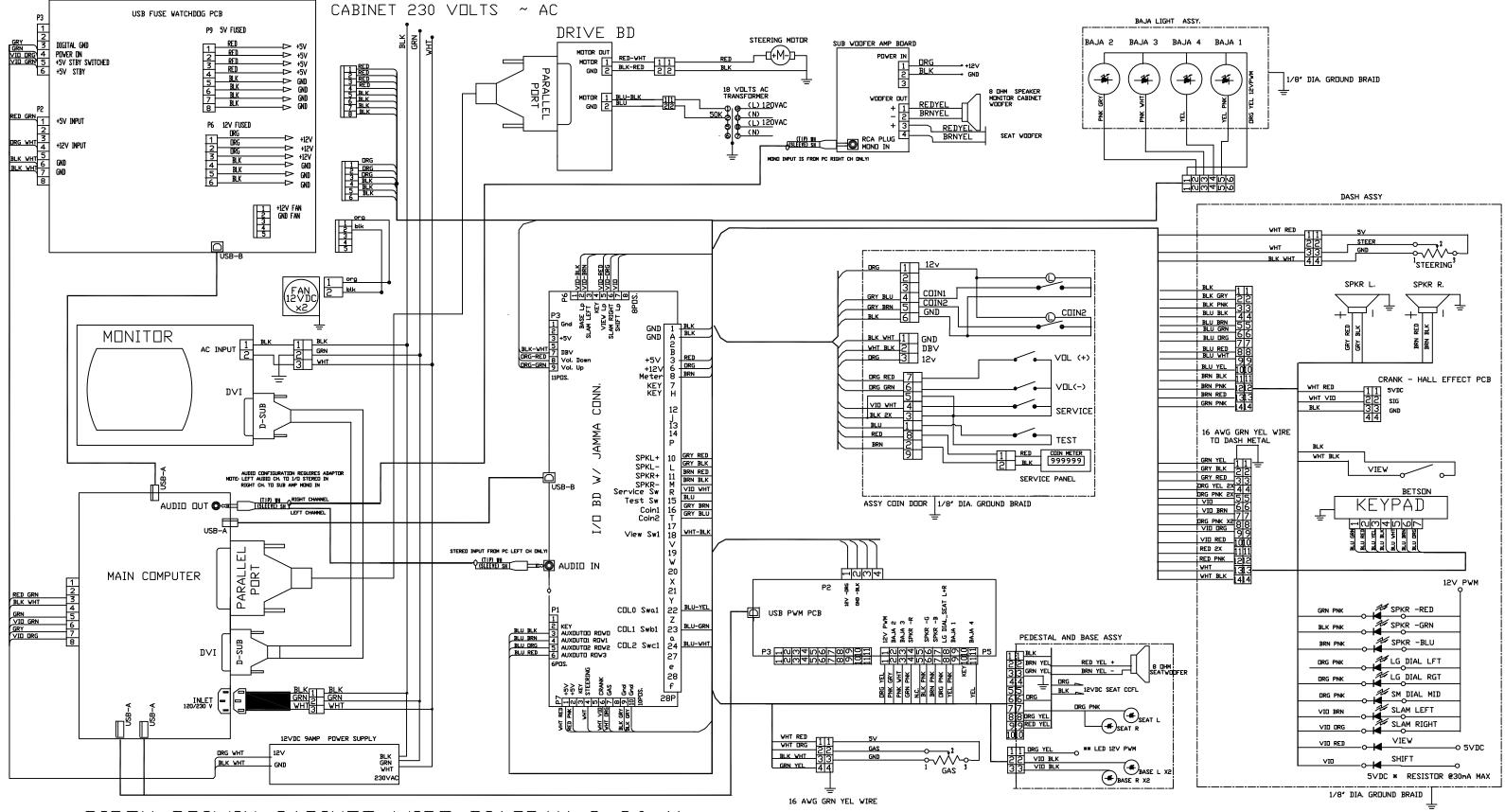
## <u>Help</u>

From the *Main Menu* select and enter *Help*. This screen displays contact information for Technical Support on Dirty Drivin'.

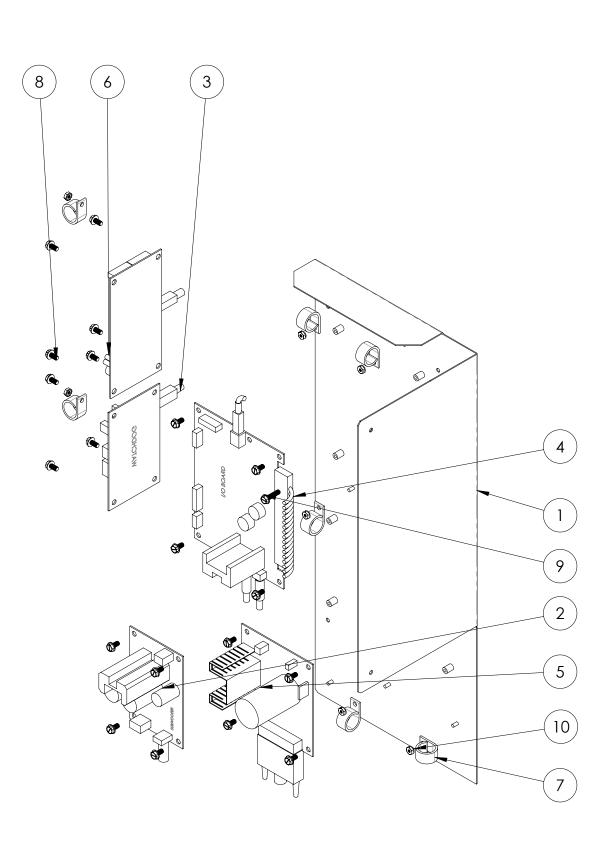


# <u>Dirty Drivin' Electrical and Mechanical</u> <u>Information – 42" Sitdown</u>

Notes:



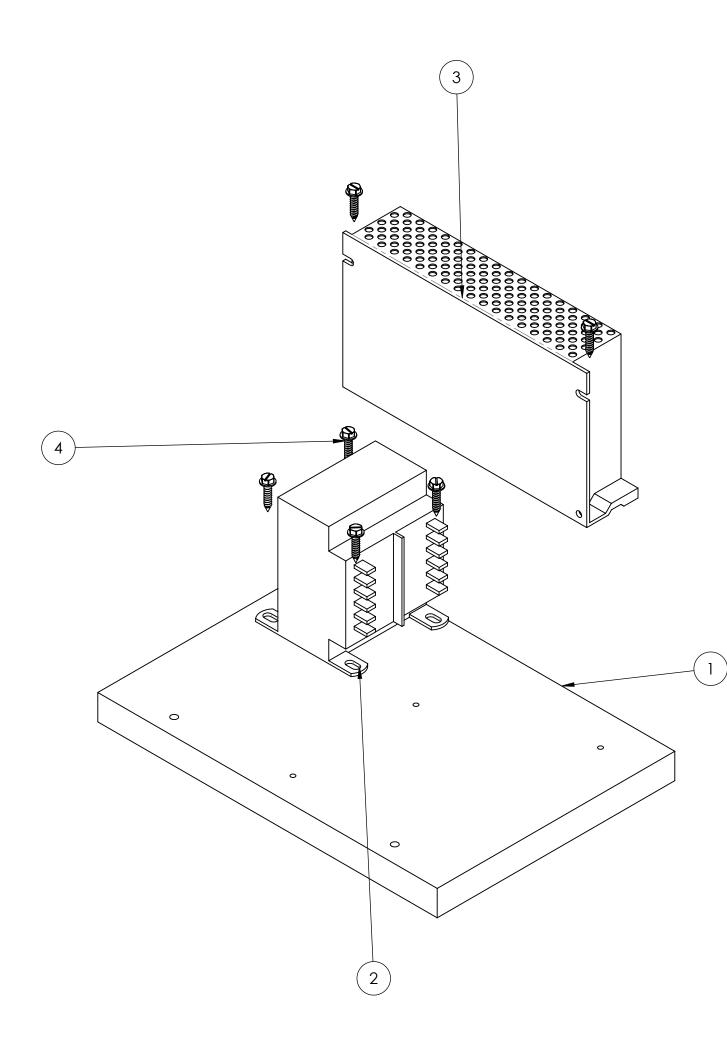
DIRTY DRIVIN CABINET WIRE DIAGRAM 9-26-11



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	600-00129-01	H2O Hardware Chassis Plate-REV-A	1
2	500-00003-02	PCB, Subwoofer Board	1
3	520-00004-01	PCB, USB Watchdog	1
4	500-00019-00	PCB, FNF, I/O Board	1
5	500-00037-01	PCB, H Driver Board	1
6	500-00030-01	PCB, USB-PWM	1
7	7572K16	Cable Clamp 3/4", Screw Mount	9
8	90316A827	18-8 SS Hex Washer Head Slotted Machine Screw 10-32 Thread, 3/8" Length	20
9	90316A831	18-8 SS Hex Washer Head Slotted Machine Screw 10-32 Thread, 3/4" Length	1
10	90675A007	Znc-Pltd Stl Machine Screw Nut W/Tooth Washer 6-32 Thread Sz, 5/16'' Nut Width, 7/64'' Nut Height	9



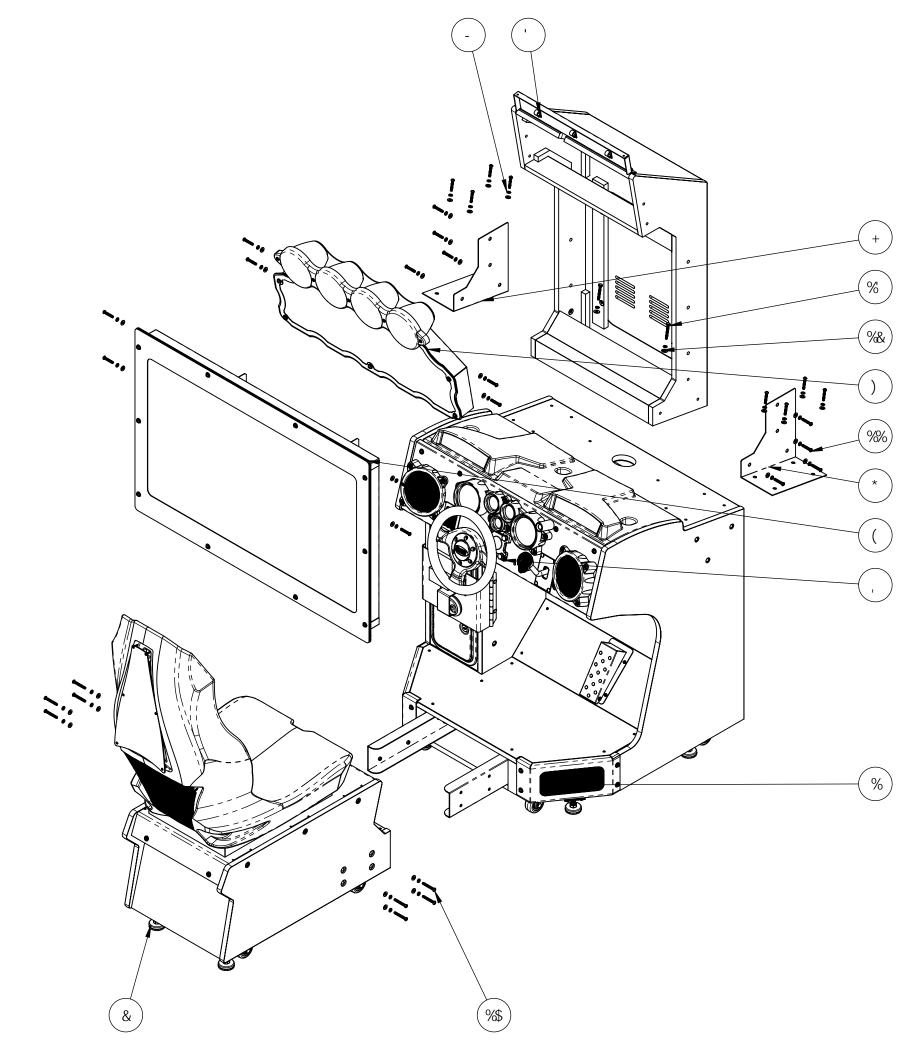
Electronics Hardware Plate Assy



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	601-00529-01	Cabinet Floor Power Panel	1
2	2-1-02-00-00-016	Transformer 36VAC 5A	1
3	2-1-02-00-00-021	UP52 Power Supply 12V/9A GH	1
4	90054A197	Znc-Pltd STL Hex Washer Head Sheet Mtl Screw Slotted, NO. 8 Size, 3/4" Length	6



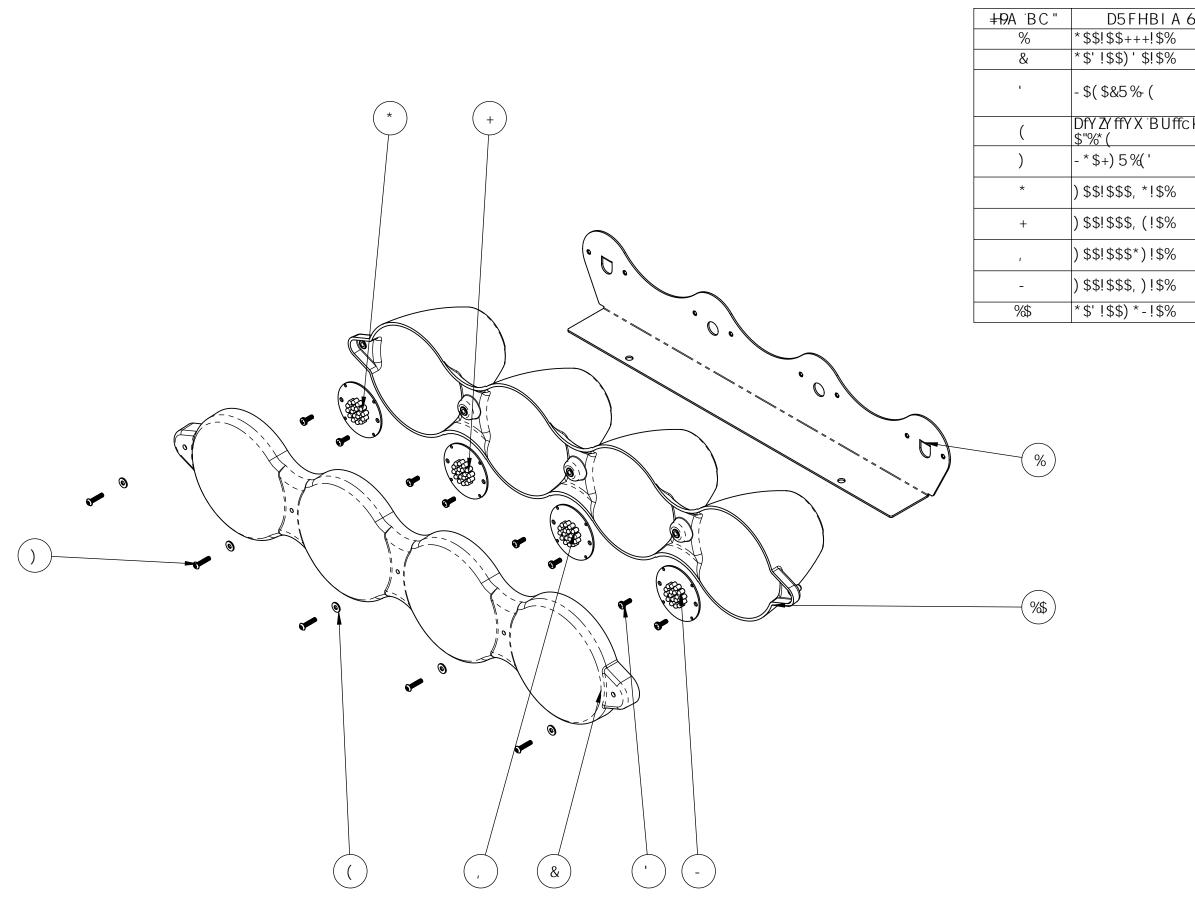
DD42 - Power Assy



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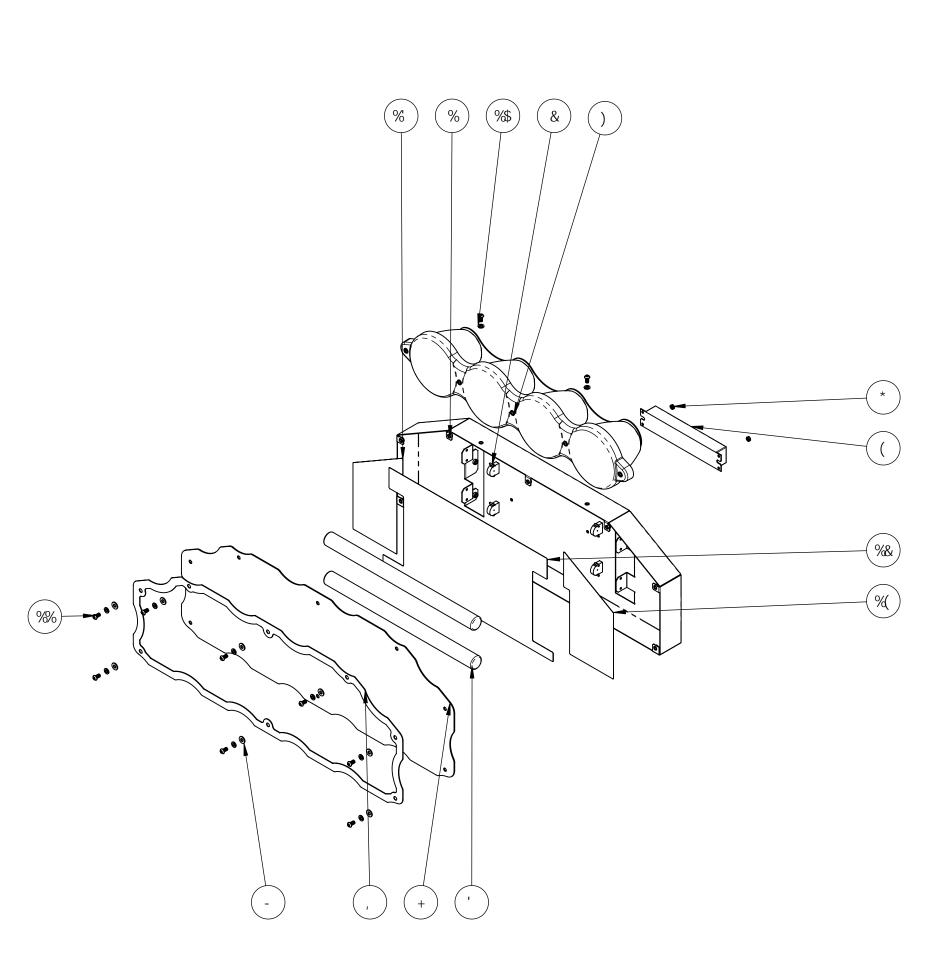
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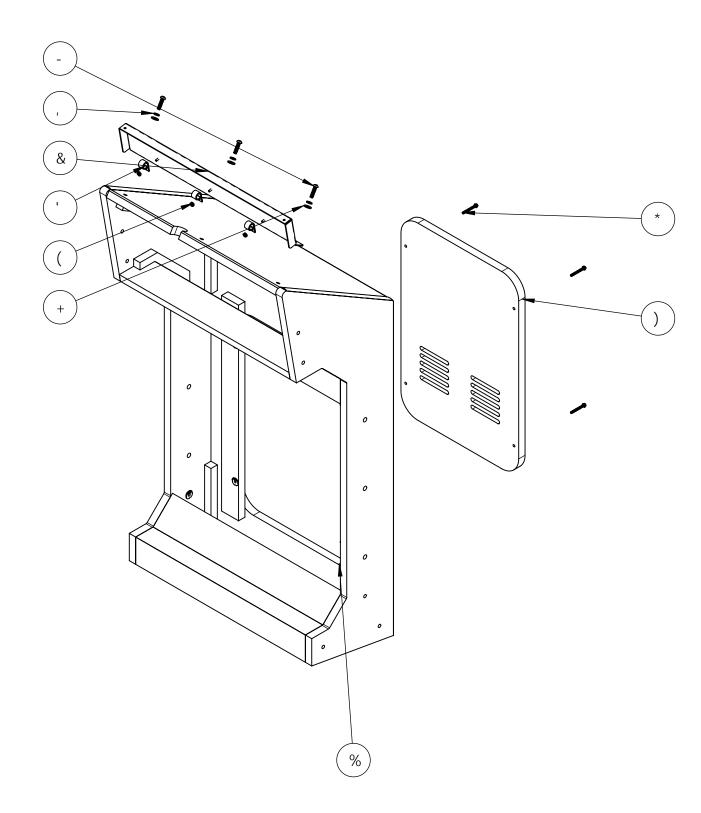


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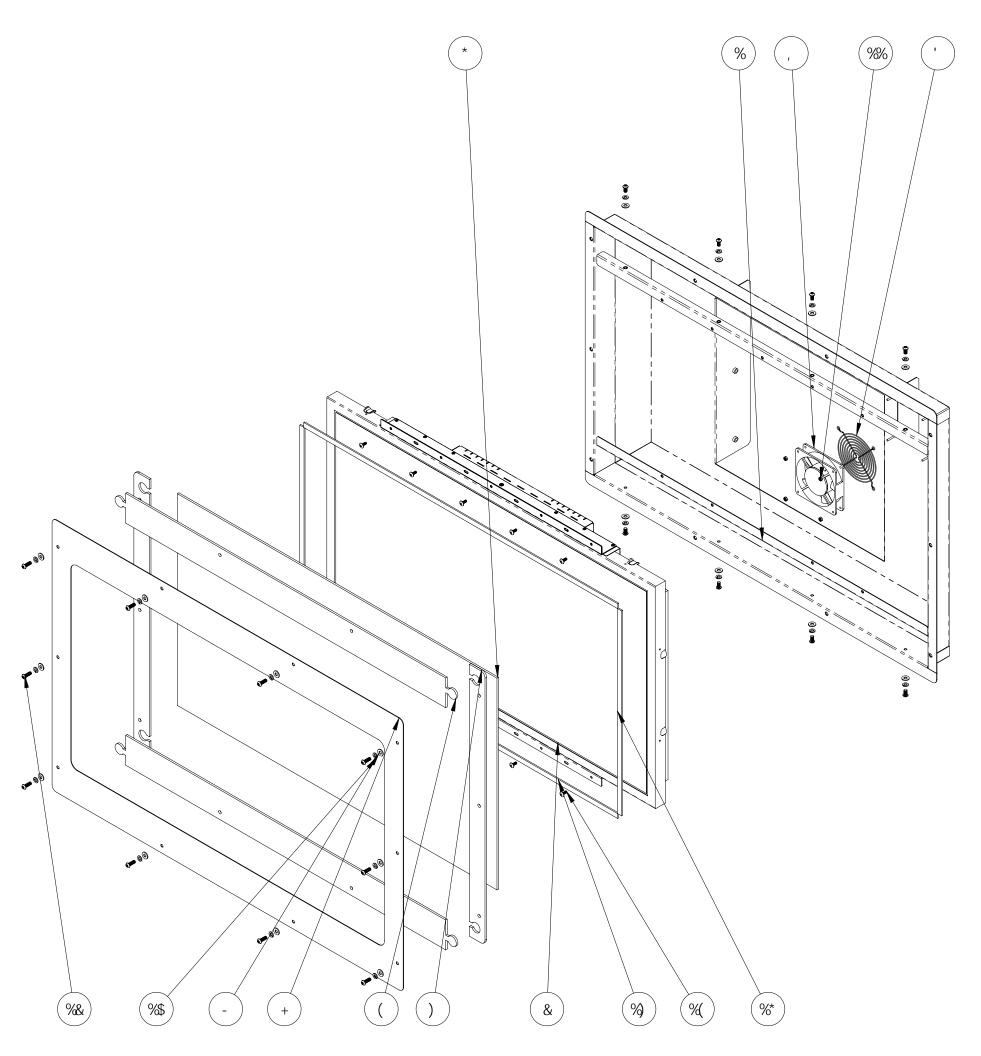
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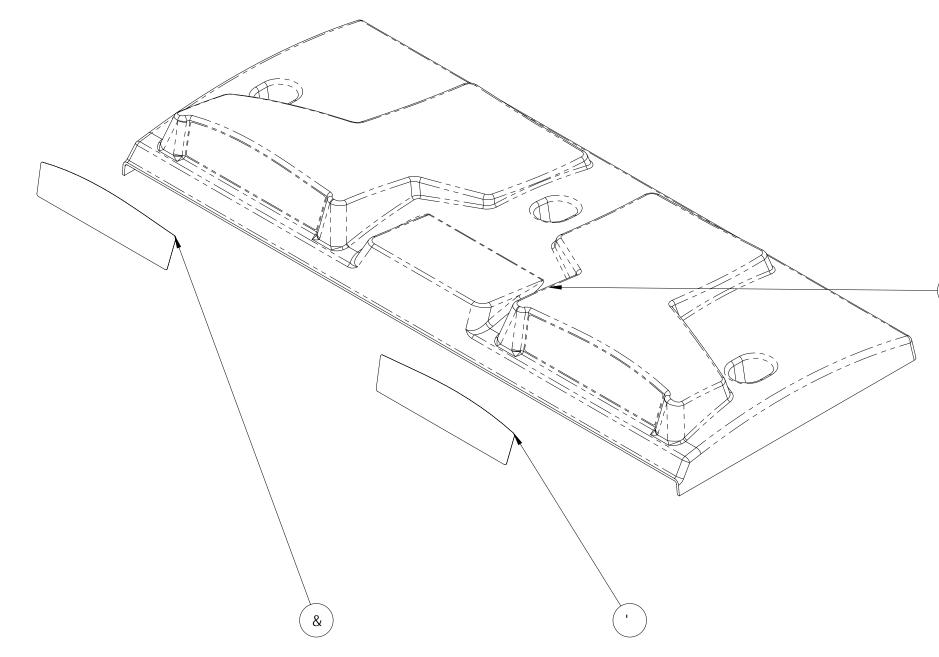
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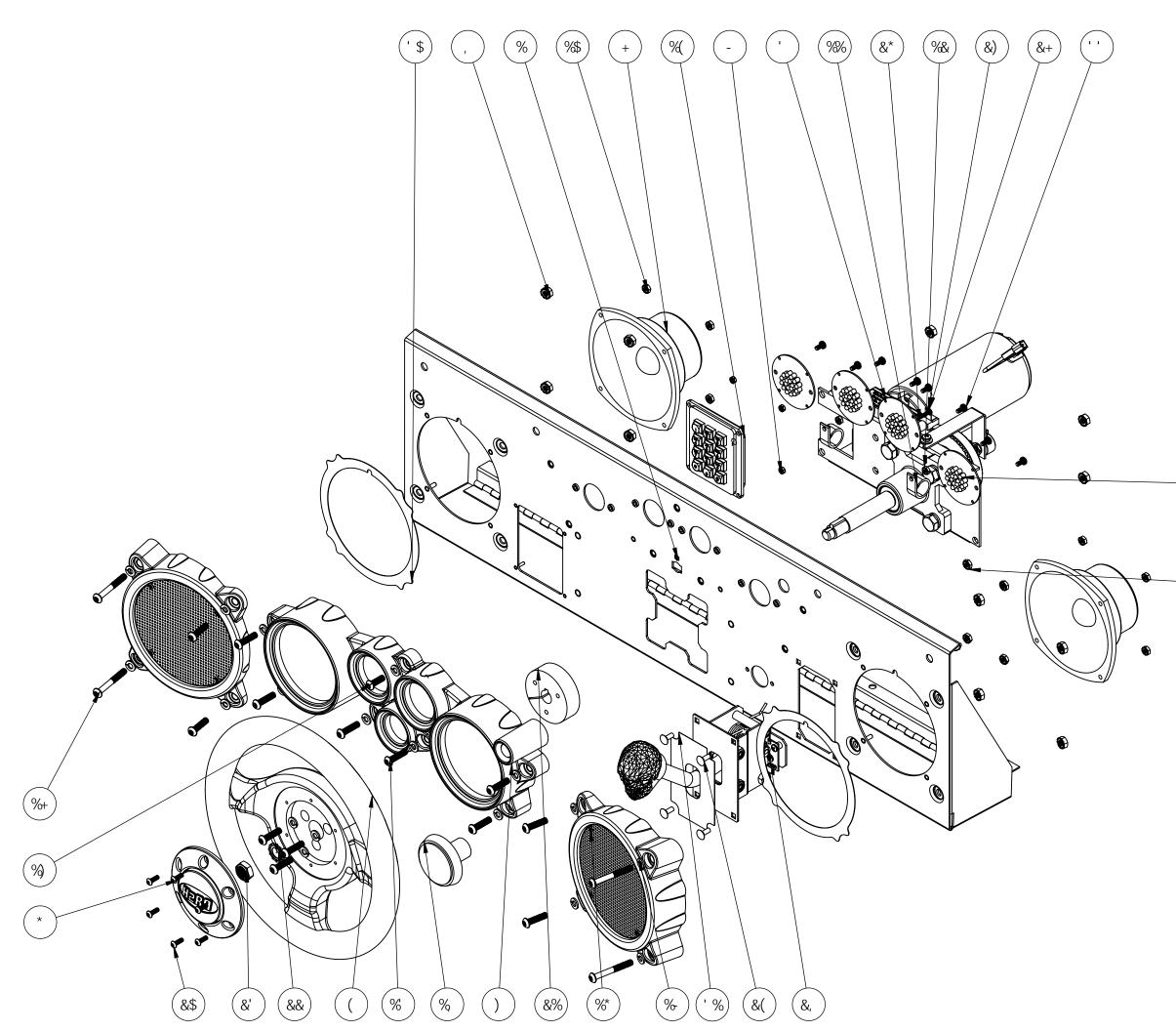
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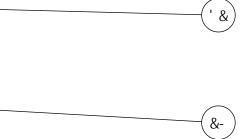


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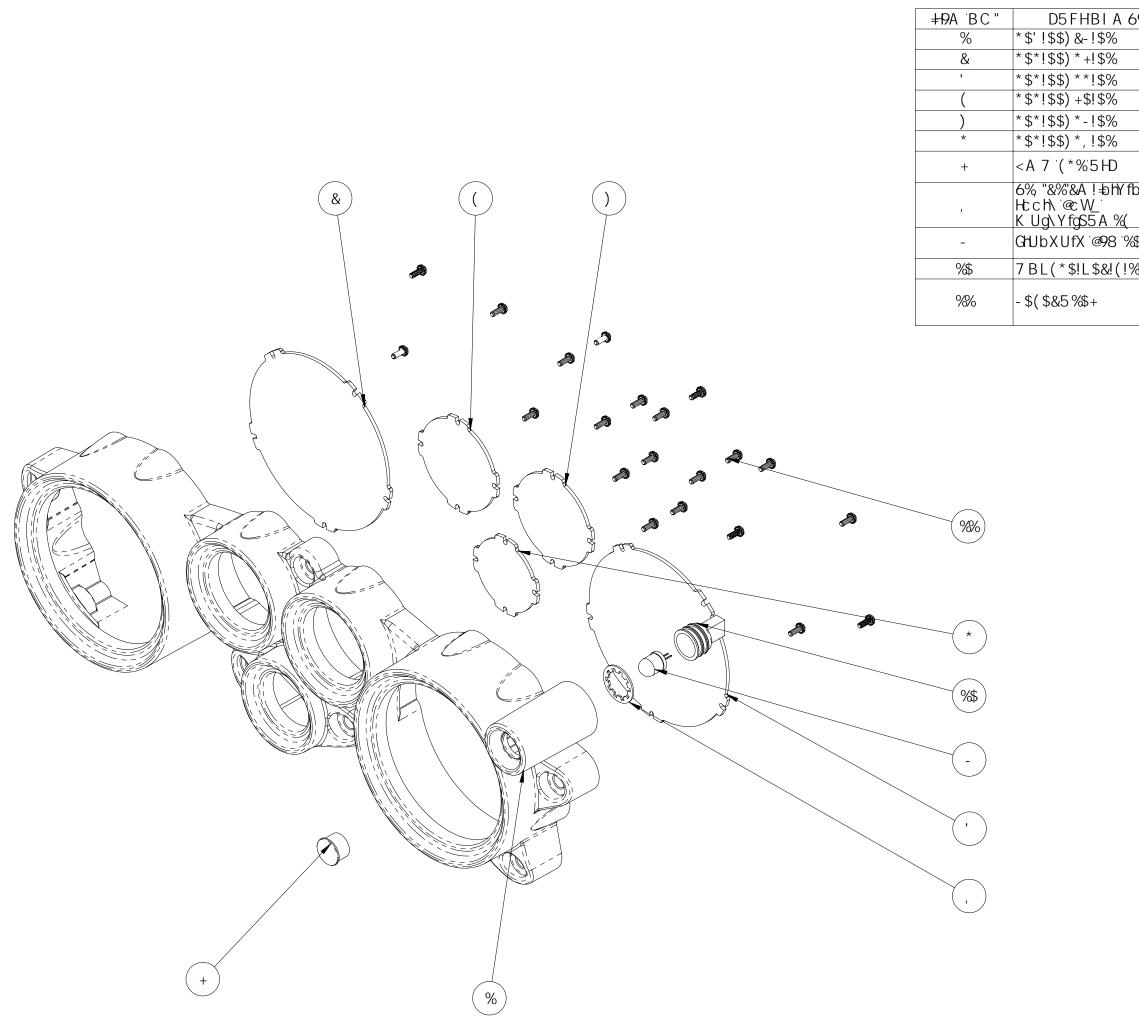






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32	500-00064-01	LED Puck Light White (w/holes) - Black Face
31	606-00651-01	
30	606-00650-01	DD42 Speaker Bezel Mirror (Left & Right)
29	90675A011	Znc-Pltd STL Machine Screw Nut W/Tooth Washer 10-24 Thread Size, 3/8" Nut Width, 1/8" Nut Height
28	604-00023-01	DD Dash Crank
27	90402A148	Zinc-Plated Steel Pan Head Phil Machine Screw External Washer, 6- 32 Thread. 1/2" Length
26	702-00025-00	V (Cluste
242	A-490 RHSNBOLT 0.19- 24x0.5x0.5-C	wedge base sucket Assy
23	94945A225	Grade 8 Steel Nylon-Insert Thin Hex Locknut Zinc-Plated, 1/2"-20 Thread Size, 3/4" W, 5/16" H
22	91114A033	Zinc-Plated Steel External-Tooth Lock Washer 1/2" Screw Size, 0.9" OD, 0.03"-0.05" Thick
2	50-2525-00	SPLIT HUB F/5/8" SHAFT w/ 3 1/4-20 TAPPED HOLES
20	96075A139	Alloy STL Pin-in-Torx Button Socket Cap Screw 8-32 Thread, 1/2" Length
19	Regular LW 0.25	
18	702-00026-00	Large Yellow Button
17	91900A549	18-8 SS Pin-in-Torx Button Socket Cap Screw 1/4"-20 Thread, 2" Length
16	Speaker Bezel Sub- Assy	Speaker Bezel Sub-Assy
15	96075A219	Alloy STL Pin-in-Torx Button Socket Cap Screw 1/4"-20 Thread, 3/4" Length
4 4	2-1-14-00-00-000	Keypad (old style)
13	96075A223	Alloy STL Pin-in-Torx Button Socket Cap Screw 1/4"-20 Thread, 1" Length
12	90675A007	Znc-Pltd Stl Machine Screw Nut W/Tooth Washer 6-32 Thread Sz, 5/16" Nut Width, 7/64" Nut Height
<del>, ,</del>	7572K16	Cable Clamp 3/4", Screw Mount
10	90675A009	Znc-Pltd Stl Machine Screw Nut W/Tooth Washer 8-32 Thread Sz, 11/32" Nut Width, 1/8" Nut Height
0	90675A005	Znc-Pltd Stl Machine Screw Nut W/Tooth Washer 4-40 Thread Size, 1/4" Nut Width, 3/32" Nut Height
8	90675A029	Znc-Pltd Stl Machine Screw Nut W/Tooth Washer 1/4"-20 Thrd Sz, 7/16" Nut Width, 3/16" Nut Height
2	2-1-10-00-00-000 603 00048 01	5.25 Full Range Speaker
a a	Dashboard Gauges Assy	
4	50-1035-00HD	STEERING WHEEL HOOP SOFT RUBBER STYLE 60 DUROMETER
ოი	50-8593-80 hinco11 doch U2	Steering Wheel Assy - Dirty Driving
1 -	600-00694-01	DD42 - Dashboard with Shifter
NON.	PART NUMBER	DESCRIPTION

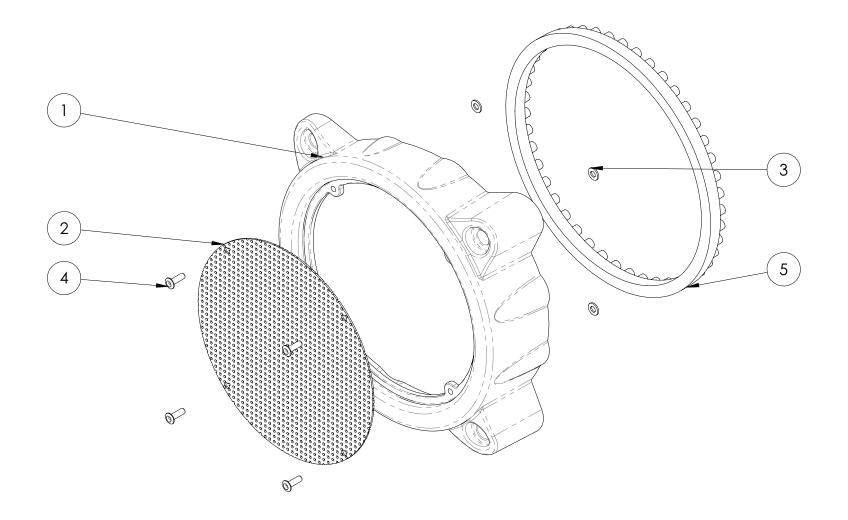


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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	603-00538-01	LED Speaker Bezel - Midrange (45 cm)	1
2	600-00673-01	Speaker Grill - 5-1/4"	1
3	Narrow FW 0.125		4
4	97526A055	Blind Rivet Domed, 1/8" Dia, .188"- .250" Material Thk, Black	4
5	500-00034-01-DD	LED Strip (45cm) RGB	1



Speaker Bezel Sub-Assy

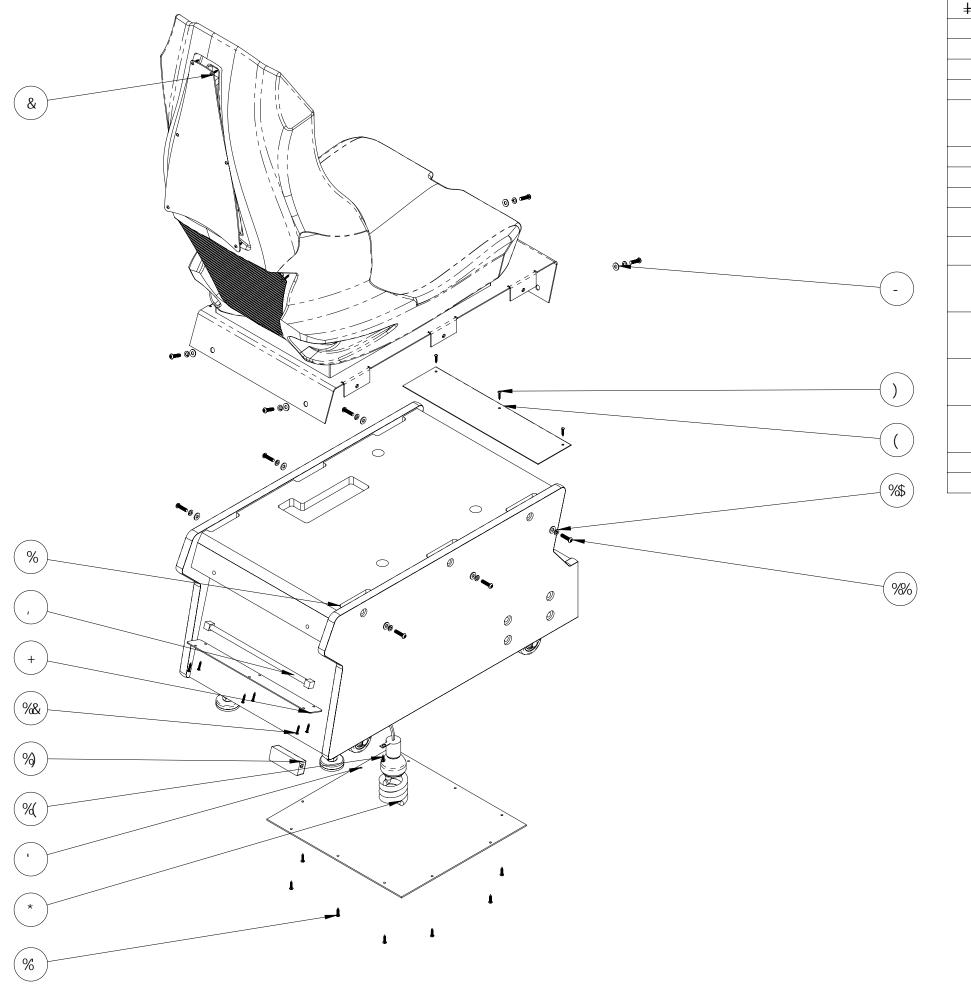


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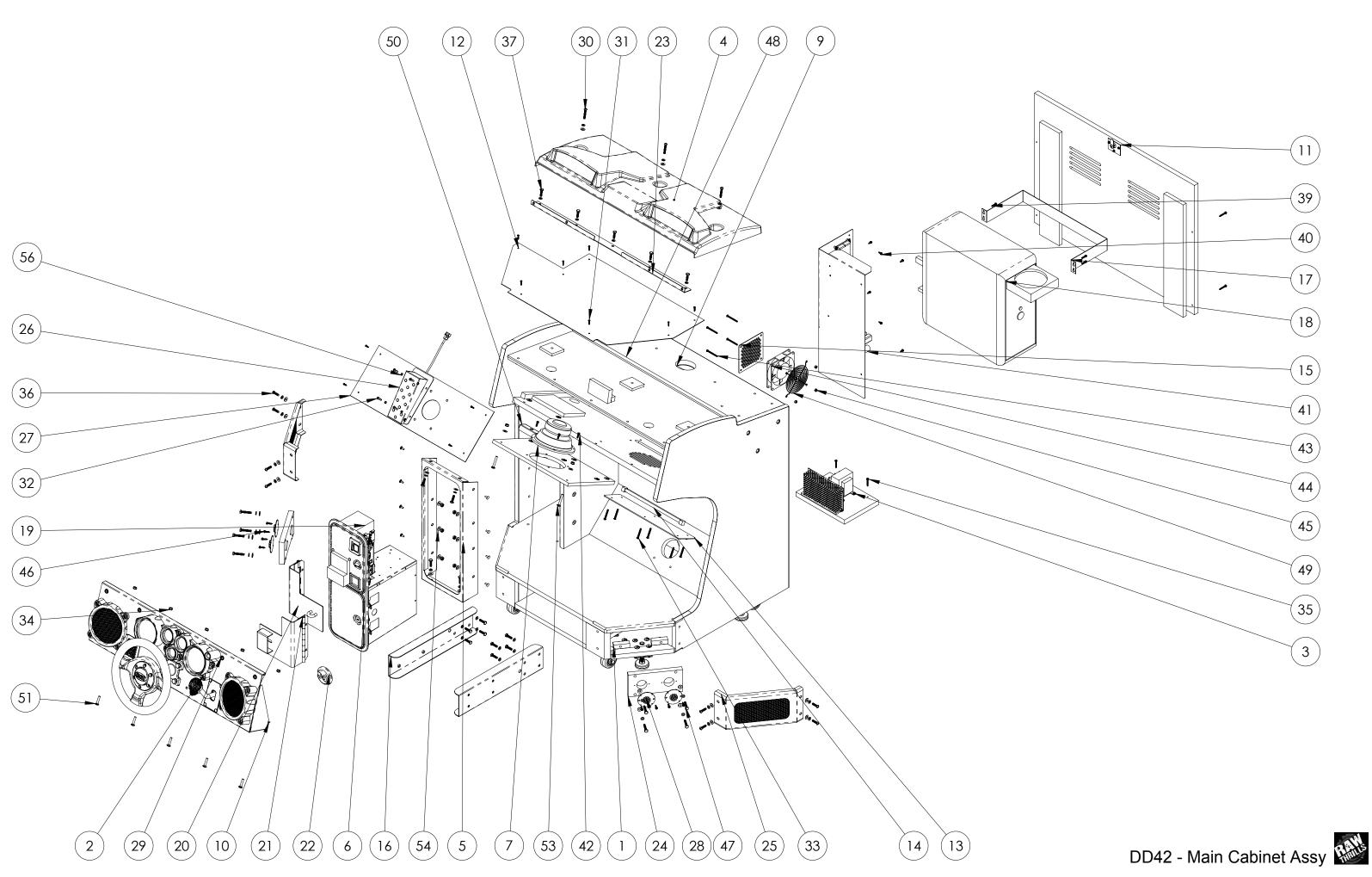


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50 49	Inverter CCFL_3 pin 800-00001-00	CCFL - m Wire
	ť	Quick-Recovery Super-Resilient Foam Polyurethane, 1/4" Thk X 3/4" W, 39'L, Adhesive Backed (33" Cut Length)
47	92865A546	Grade 5 Zinc-Plated Steel Hex Head Cap Screw 1/4"-20 Thread, 1-
46	90054A197	1/2" Long, Fully Threaded Znc-Pitd STL Hex Washer Head Sheet Mtl Screw Slotted, NO. 8 Size,
45	91333a120	Nylon-Insert Locknut Hex, 8-32 Thread Size, 11/32" Width, 15/64"
44	820-00001-00	Hardware, Fan,120VAC,19/15W
43	90272A205	s Screw 8-32 Length
42	90316A196	18-8 SS Hex Washer Head Slotted Machine Screw 8-32 Thread, 5/8" Length
4	Electronics Hardware Plate	Ĩ
40	90054A194	Ati si
90 9	90316A197	18-8 SS Hex Washer Head Slotted Machine Screw 8-32 Thread, 3/4" Length
38	90675A195	Znc-Pltd STL Machine Screw Nut W/Tooth Washer 10-32 Thread Sz, 3/8" Nut Width, 1/8" Nut Height
37	92865A542	Plated Ste
36	96075A223	<u>Long, Fuily Inreaded</u> TL Pin-in-Torx Button Screw 1/4"-20 Threa Length
35	91675A333	0 <del>m</del> 0
34	90675A029	XI Machine Screw Nut asher 1/4"-20 Thrd S Nidth, 3/16" Nut Heigh
33	96075A203	;≓ >
32	96075A195	
31	95638A151	in-Torx Tamper-Resist I Screw 18-8 SS, Butto NO 6 Size, 3/4" Lengt
30	96075A231	STL P Screw
29	96075A219	STL Pin-in-Torx B Screw 1/4"-20 Th Length
	064-	Puck Light White (w/ho Black Face
27 26	600-00672-01 604-00014-01	
	2 C	ated Kick Pla
	block_DD42 600-00614-01	DD42 - Dashboard Jamb Bracket
	Lock 140-01	H2O-Hasp-Assy-Right
	139-01 001-00	٩ <u></u> ٥;
	120-01	Dell OptiPlex 740 Mounting Bracket
	030-01 110-01	NG CF Side
	006-	12 inc Peda
		DD42 Cabinet Diamond Plate Main Cabinet Backdoor Sub-Assy
	608-00032-01	H2O Monitor Cabinet Support Bracket-Rev A
	600-00076-01 2-1-11-00-00-000 40 7000 200	AC Inlet Power Plate (standard) Speaker Woofer-6.5" 4 Ohm
0 W 4	S.	lousi Assy
	tern'	DD42 - Power Assy DD42 - Dash Assy (Shifter)
Σ	00507-01	Dirty Driv'n - 42 Main Cabinet
0		DESCRIPTION

Designed & Developed by Specular Interactive, Inc. Steven Ranck

Andrew Silber Detmar Peterke Brian Silva Dale Henderscheid Gary Carbonell Andrew E. Wilson Jordan Edell Anthony De Filippis

# Additional Development Paul Forgy

Dan Stanfill Andrew Rai Thang Nguyen Kaysaun Franklin Nicole Chamness

#### Even More Development Alex Green

Joseph Shunk Robin Harr

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**Original Music** 

Michael Cohen Keith Arem

#### Sound Design / Editorial

Matt Lemberger Aaron Gallant Keith Arem

#### **PCB** Production Coordinator Valerie Arem

Voice Talent Brian Silva Andrew Silber

#### Special Thanks

Eugene Jarvis Andrew Eloff Matt Davis Kevin Uskali Bob Yoest Rich Catalan The entire team at Raw Thrills Bob Boals and the fine folks at Betson Enterprises

From Steve - Diana, Devon, Ainsley, Logan, Gloria, and Linda

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#### **Cabinet Art** Jeff Mattin

#### Engineers

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#### **Quality Assurance**

Bruce Barron Justin Cappozzo Matt Cianchetti Mark Hirsch Pat LeBeau Matt Marsden

#### Special Thanks

Betson Enterprises Bob Boals, Mark Struhs, Bob Geschine, George Angermeyer, John McKenzie, Anthony Maniscalco Jr., Brian Poklacki, Dave Riefke, Gabe Torres, Ruth Jaeger, Carlos Gomez, Javier Gomez Doug Duba, Marian Loboz, Jose Alanis, Carlos Medina

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