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# 370 Express Cruiser

## Owner's Manual Supplement

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This owner's manual supplement has been written to provide additional specific information about your boat and should be read carefully. Insert this supplement in your Sport Yacht Owner's Manual as *Section 12 – Supplement*.

The owner's manual packet has been compiled to help you to operate your craft with safety and pleasure. It contains details of the craft, the equipment supplied or fitted, its systems and information on its operation and maintenance. Please read the information in it carefully, and familiarize yourself with the craft before using it.

If this is your first craft, or you are changing to a type of craft you are not familiar with, for your own comfort and safety, please ensure that you obtain handling and operating experience before “assuming command” of the craft. Your dealer or yacht club will be pleased to advise you of local sea schools, or competent instructors.

PLEASE KEEP THIS OWNER'S MANUAL PACKET IN A SECURE PLACE, AND HAND IT OVER TO THE NEW OWNER WHEN YOU SELL THE CRAFT.

### Table Of Contents

<p><b>Warranty Information</b> ..... 12.2</p> <p><b>Construction Standards</b> ..... 12.2</p> <p><b>Hull Identification Number</b> ..... 12.2</p> <p><b>Servicing Your Sea Ray</b> ..... 12.2</p> <p><b>Life Saving Equipment</b> ..... 12.3</p> <p><b>Boat Storage</b> ..... 12.3</p> <p><b>Troubleshooting</b> ..... 12.3</p> <p><b>Cleats</b> ..... 12.3</p> <p><b>Specifications &amp; Dimensions</b> ..... 12.4</p> <p><b>Accommodation Plans</b> ..... 12.5</p> <p><b>Deck Occupancy Plan</b> ..... 12.6</p> <p><b>Accessory Locations</b> ..... 12.7</p> <p><b>General Information</b> ..... 12.5</p> <p style="padding-left: 20px;">Propulsion System ..... 12.8</p> <p style="padding-left: 20px;">Engine Access ..... 12.8</p> <p style="padding-left: 20px;">Water System ..... 12.8-11</p> <p style="padding-left: 20px;">Head System ..... 12.11-12</p> <p style="padding-left: 20px;">Live Baitwell ..... 12.13</p> <p style="padding-left: 20px;">Bilge Layout ..... 12.14-15</p> <p style="padding-left: 20px;">Electrical Installations ..... 12.16</p> <p style="padding-left: 20px;">Battery ..... 12.17</p> <p style="padding-left: 20px;">Battery Switch ..... 12.17</p> <p style="padding-left: 20px;">Fuel System ..... 12.17</p> <p style="padding-left: 20px;">Electric Fuel Valves (Gasoline) ..... 12.18</p> <p style="padding-left: 20px;">Crossover Fuel System (Diesel) ..... 12.18</p>	<p style="padding-left: 20px;">Ventilation System/Bilge Blower ..... 12.20</p> <p style="padding-left: 20px;">Bilge Pumping System ..... 12.20</p> <p style="padding-left: 20px;">Steering System ..... 12.21</p> <p style="padding-left: 20px;">Fire Extinguishing System ..... 12.22</p> <p style="padding-left: 20px;">Air Conditioning &amp; Heating ..... 12.23</p> <p style="padding-left: 20px;">Oil Exchanger Pump Installation ..... 12.24</p> <p style="padding-left: 20px;">Engine Cooling System ..... 12.25</p> <p style="padding-left: 20px;">Anchoring ..... 12.25</p> <p style="padding-left: 20px;">Anchoring Arrangement ..... 12.25</p> <p><b>Special Features</b> ..... 12.25-26</p> <p style="padding-left: 20px;">Generator Starting Addendum</p> <p><b>Location Of Through-Hull Fittings</b> ..... 12.27</p> <p style="padding-left: 20px;">Port Side</p> <p style="padding-left: 20px;">Starboard Side</p> <p style="padding-left: 20px;">Bilge Hull Cutouts</p> <p style="padding-left: 20px;">Transom</p> <p><b>Control Station Layout</b> ..... 12.28-29</p> <p><b>Canvas Information</b> ..... 12.30-31</p> <p><b>Cabin &amp; Cockpit Switch Loc. &amp; Function</b> ..... 12.32</p> <p><b>AC Main Distribution Panel</b> (120 Volts AC &amp; 220 Volt/50HZ Opt) ..... 12.33</p> <p><b>DC Distribution Panel</b> (12 Volts DC) ..... 12.34</p> <p><b>Battery Cable Routing</b> ..... 12.35</p> <p><b>Harness Installations</b> ..... 12.36-37</p> <p><b>Wiring Schematics</b> ..... 12.38-12.66</p> <p><b>International Homologations</b> ..... 12.67</p>
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## Warranty Information

Sea Ray's® warranty is better than ever. Find the warranty information card in your owner's manual packet for complete details. If for some reason the card is missing, contact your Sea Ray dealer for a new one.

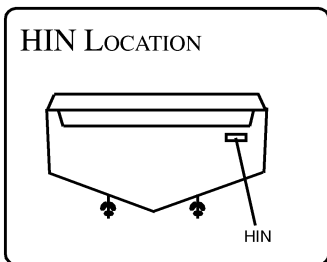
## Construction Standards

Sea Ray's® commitment - Excellence by Design - has enabled us to create a superior craft providing you with comfort, performance, safety and dependability. All our boats comply with the safety standards set by the United States Coast Guard and are designed, engineered and manufactured in accordance with applicable recommendations and guidelines of the American Boat and Yacht Council (ABYC) certified by the National Marine Manufacturers Association (NMMA).

## Hull Identification Number (HIN)

The "Hull Identification Number," located on the starboard side of the transom, is the most important identifying factor and must be included in all correspondence and orders. Failure to include it only creates delays.

Also of vital importance are the engine serial numbers and part numbers when writing about or ordering parts for your engine. Refer to the engine owner's manual for locations.



## Servicing Your Sea Ray®

When your boat needs service beyond regular maintenance it should be taken to an authorized Sea Ray® dealer.

To find a dealer in your area call:

1-800-SRBOATS.

Fax: 1-314-213-7878

If a problem is not handled to your satisfaction:

1. Discuss any warranty-related problems directly with the service manager of the dealership or your sales person. Give the dealer an opportunity to help the service department resolve the matter for you.
2. If a problem arises that has not been resolved to your satisfaction by your dealer, contact Sea Ray Boats at 1-800-SRBOATS and the appropriate customer service department information will be provided to you.

To find repair and parts facilities for equipment installed on your boat, refer to the original equipment manuals (OEMs) found in the owner's manual packet.



Sea Ray® 370 Express Cruiser Owner's Manual Supplement • MRP #1377498  
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Sea Ray Boats, Inc. 2600 Sea Ray Blvd., Knoxville, TN 37914

For information call 1-800-SRBOATS, or fax 1-314-213-7878

Internet address: <http://www.searay.com/boats>

Note: Not all accessories shown in pictures or described herein are standard equipment or even available as options.

Options and features are subject to change without notice.

## Life Saving Equipment

(Personal Flotation Device (PFD) )

**STORAGE:** The 370 EC offers lifesaving equipment storage under the aft cockpit seat cushion, in the forward port cockpit seat area, under the main stateroom berth and in the salon floor storage area.

**OPERATION:** Wear PFD according to manufacturer recommendations. See pamphlet *Federal Requirements And Safety Tips For Recreational Boats* in the owner's packet or get one from your dealer.

**MAINTENANCE:** Rinse with fresh water and let dry thoroughly. Do not store in a damp compartment. Avoid the possibility of mildew.

## Boat Storage

**WET STORAGE PROCEDURES:** Special care for boats that are moored: If permanently moored in salt water or fresh water, your boat will collect marine growth on its bottom. This will detract from the boat's beauty and greatly affect its performance. There are two methods of preventing this:

- Periodically haul the boat out of the water and scrub the bottom with a bristle brush and a solution of soap and water.
- Paint the hull below the waterline with a good grade of antifouling paint. DO NOT paint the engine drive surfaces.

**NOTE:** There are EPA regulations regarding bottom paint application. Consult your marine paint dealer for proper application methods.

**SECURITY CONSIDERATIONS:** Be conscious of the security of your boat. Always remove the keys from the ignition, lock hatches, lock the cabin door. Remove and stow any removable electronic gear (fishfinders, LORAN, etc.) and personal gear (fishing poles, etc.) normally left aboard your boat.

## Troubleshooting

List of Reference Manuals and Drawings

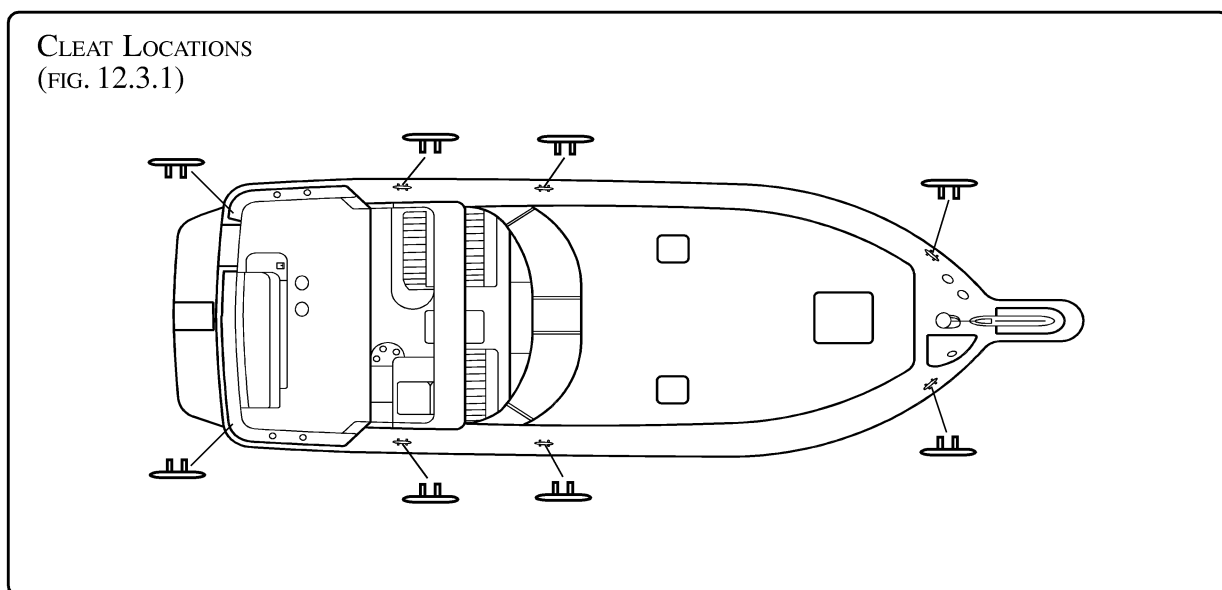
**PERFORMANCE:** Refer to the owner's manual.

**ENGINE:** Refer to the owner's manual and/or the engine manual.

**ELECTRICAL:** Refer to electrical section of the owner's manual and electrical schematics in this owner's manual supplement. Only a qualified marine electrical technician may service the boat's electrical system.

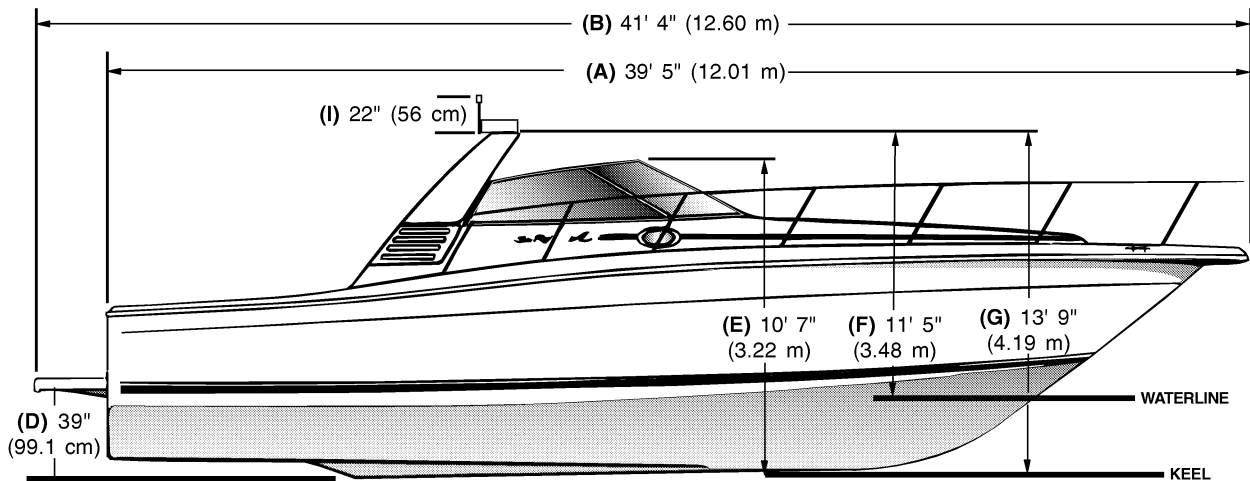
## Cleats

Cleats are intended for mooring use only. Do not use cleats for towing or lifting the boat. Figure 12.3.1 illustrates the location of cleats on your boat.



# Specifications & Dimensions

PROFILE  
(FIG. 12.4.1)

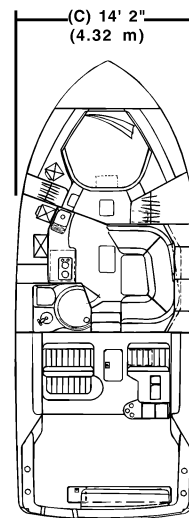


## SPECIFICATIONS & HEIGHT DIMENSIONS

(A) Overall Length w/Standard Pulpit .....	39' 5" (12.01 m)
(B) w/Stand. Pulpit & Swim Platform .....	41' 4" (12.60 m)
(C) Beam .....	14' 2" (4.32 m)
(D) Draft .....	39" (99.1 cm)
Dry Weight – Standard Power .....	17,800 lbs. (8,074 kg)
Fuel Capacity .....	350 gal. (1,324.8 liters)
Useable Fuel .....	332.5 gal. (1,258.6 liters)
Water Capacity .....	70 gal. (265 liters)
Holding Tank .....	28 gal. (106 liters)
Dead Rise .....	19.5°

### HEIGHT DIMENSIONS

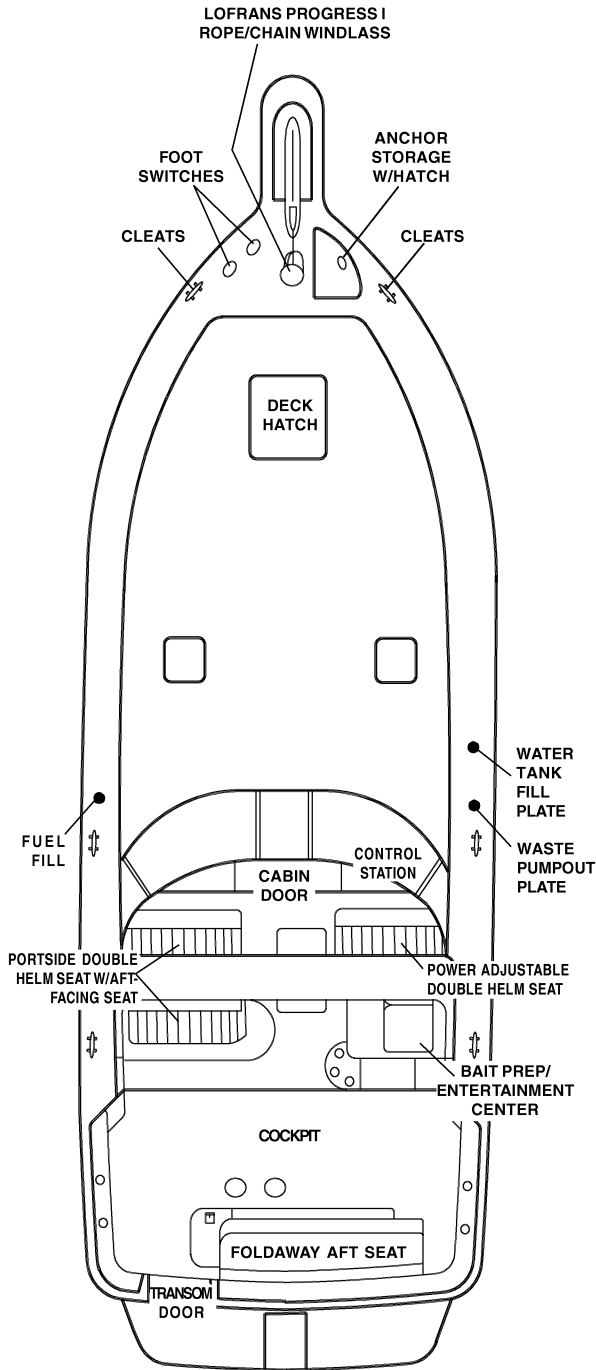
(E) Keel To Windshield .....	10' 7" (3.22 m)
(F) Waterline To Top Of Spoiler .....	11' 5" (3.48 m)
(G) Keel To Top Of Spoiler .....	13' 9" (4.19 m)
(I) Spoiler To Top Of Mastlight .....	22" (56 cm)



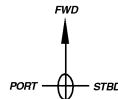
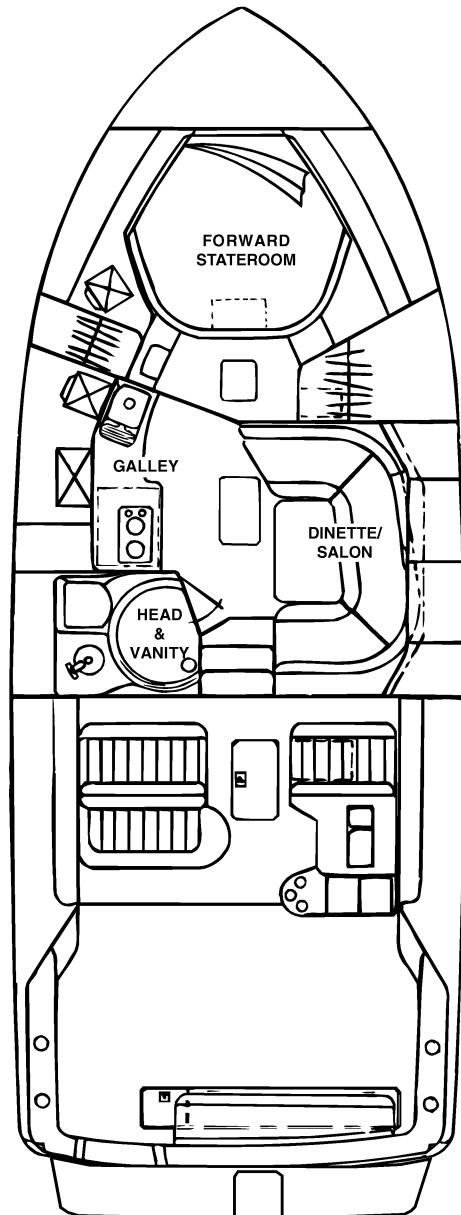
(FIG. 12.4.2)

# Accommodation Plans

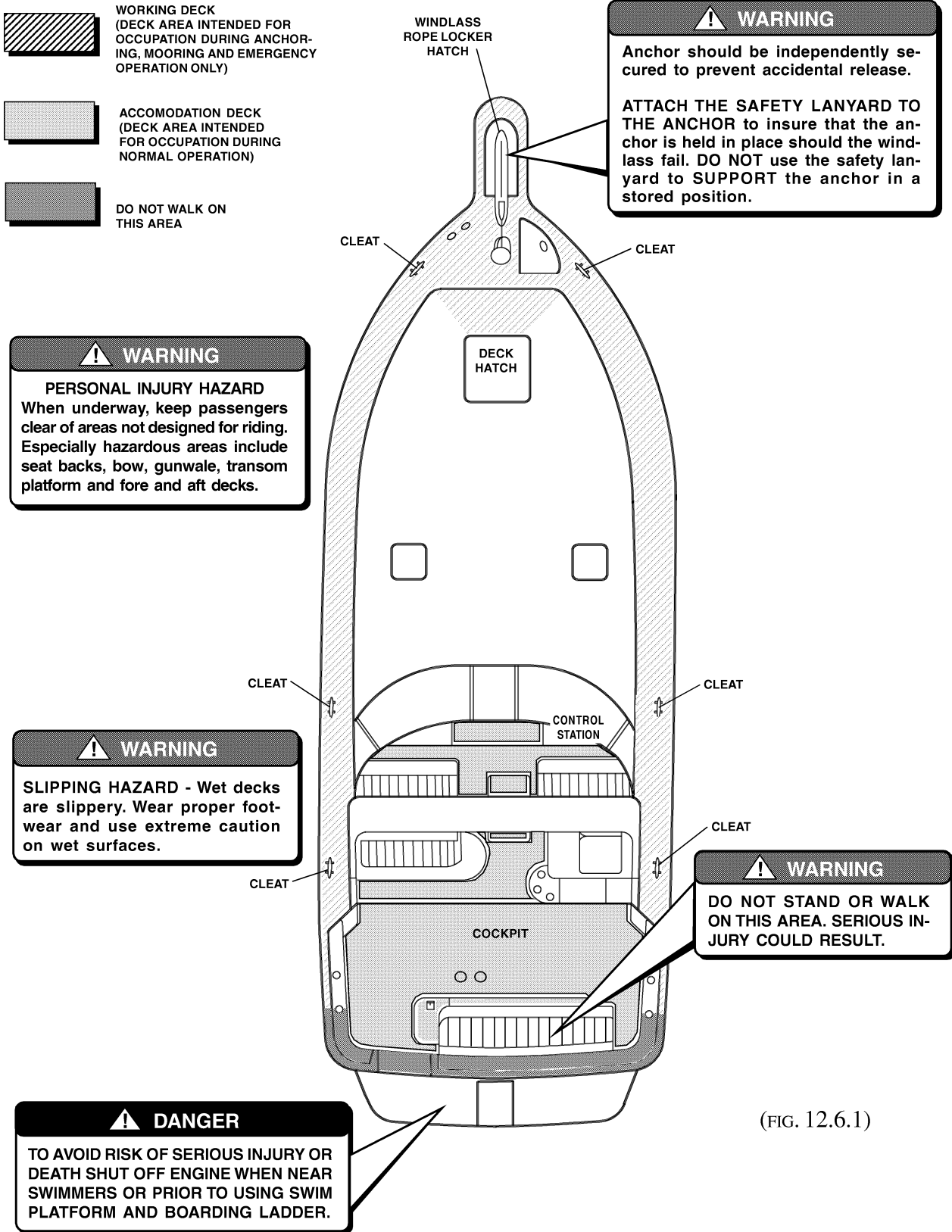
MAIN DECK (FLOOR PLAN)  
(FIG. 12.5.1)



MID DECK (FLOOR PLAN)  
(FIG. 12.5.2)

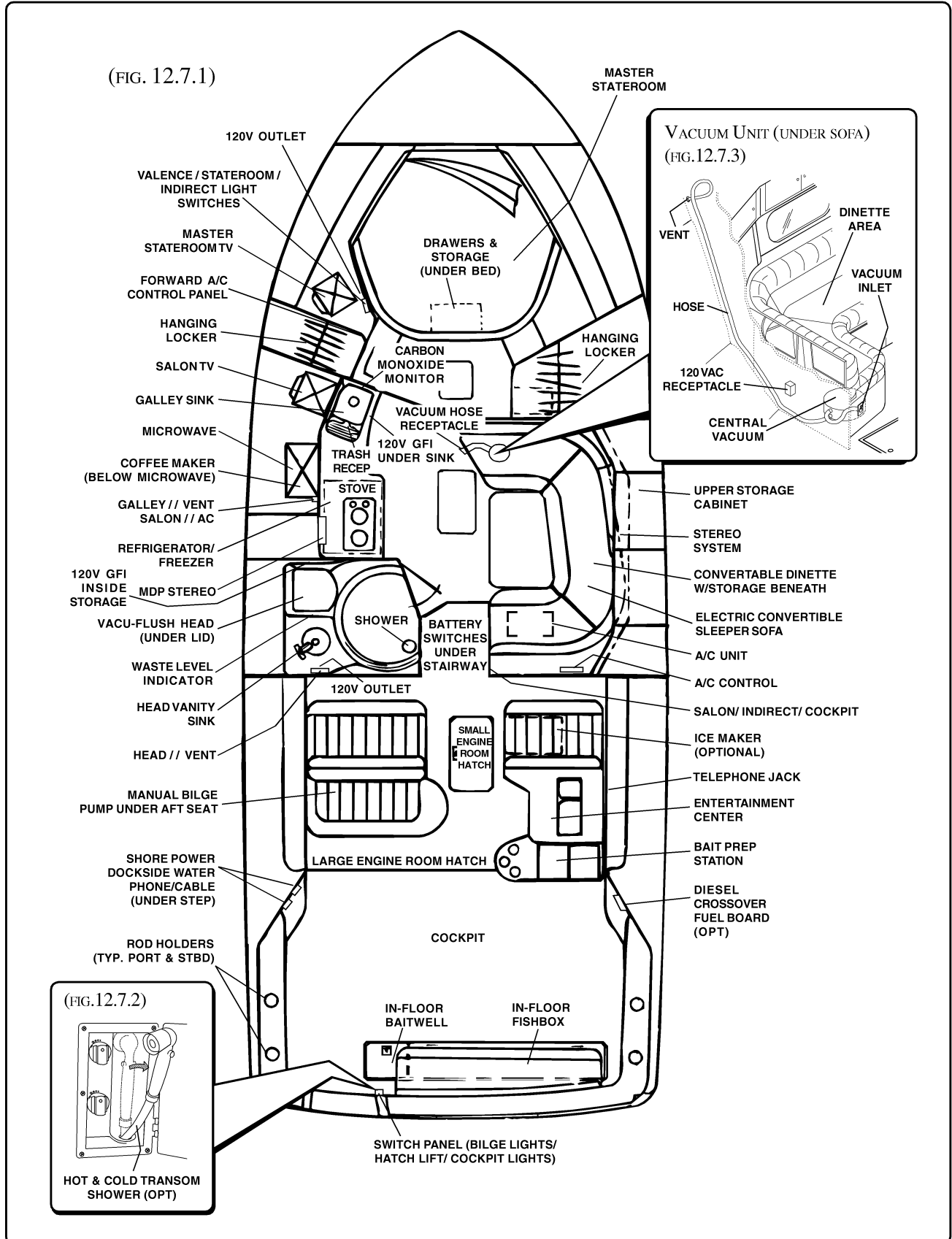


# Deck Occupancy Plan



(FIG. 12.6.1)

# Accessory Locations

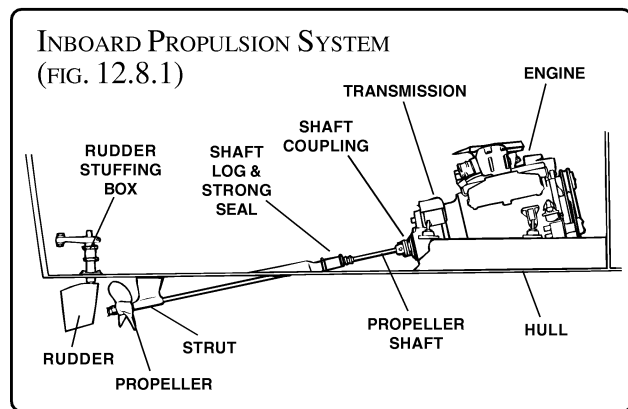


# General Information

## Propulsion System

The 370 EC is equipped with an inboard drive type propulsion system also known as an inboard engine.

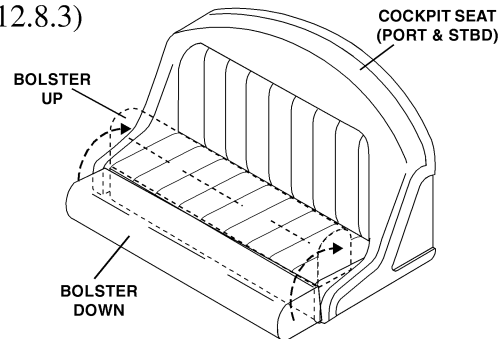
REFER TO THE OWNER'S MANUAL AND ENGINE OWNER'S MANUAL FOR OPERATING INSTRUCTIONS AND WARRANTY INFORMATION.



## CAUTION

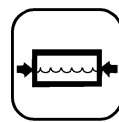
Before raising the cockpit bridge deck, be sure that the cockpit seat bolsters are in the up position to prevent possible damage to the seats or the bulkhead.

(FIG. 12.8.3)



## Engine Access

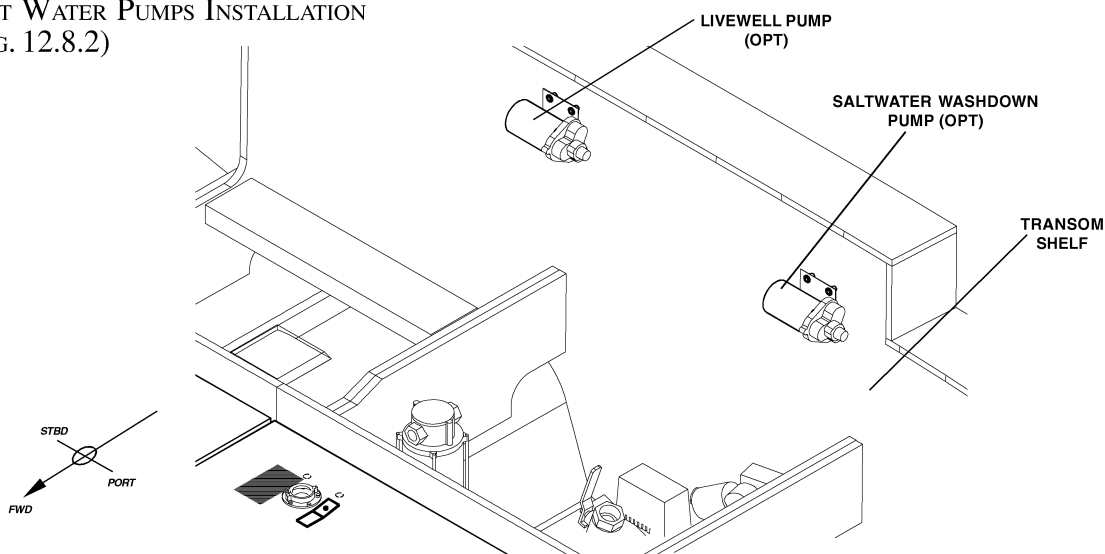
The 370 EC is equipped with a electrically actuated cockpit bridge deck to allow access to the engines and bilge area. The actuator switch is located at the transom to the port side of the cockpit seat. The lock-out switch is located at the helm.



Water system information can be found in *Section 5 • Water System* of the owner's manual.

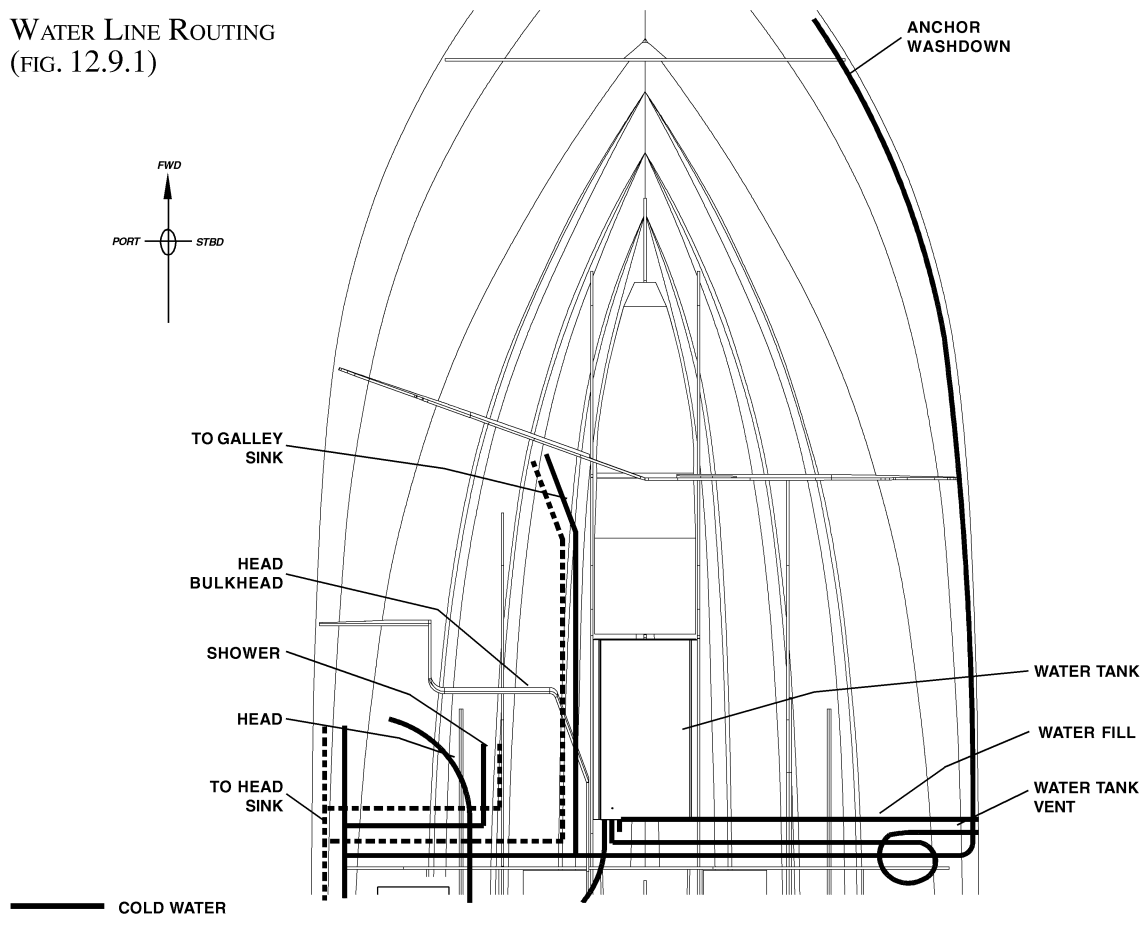
REFER TO THE OWNER'S MANUAL AND OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.

AFT WATER PUMPS INSTALLATION  
(FIG. 12.8.2)

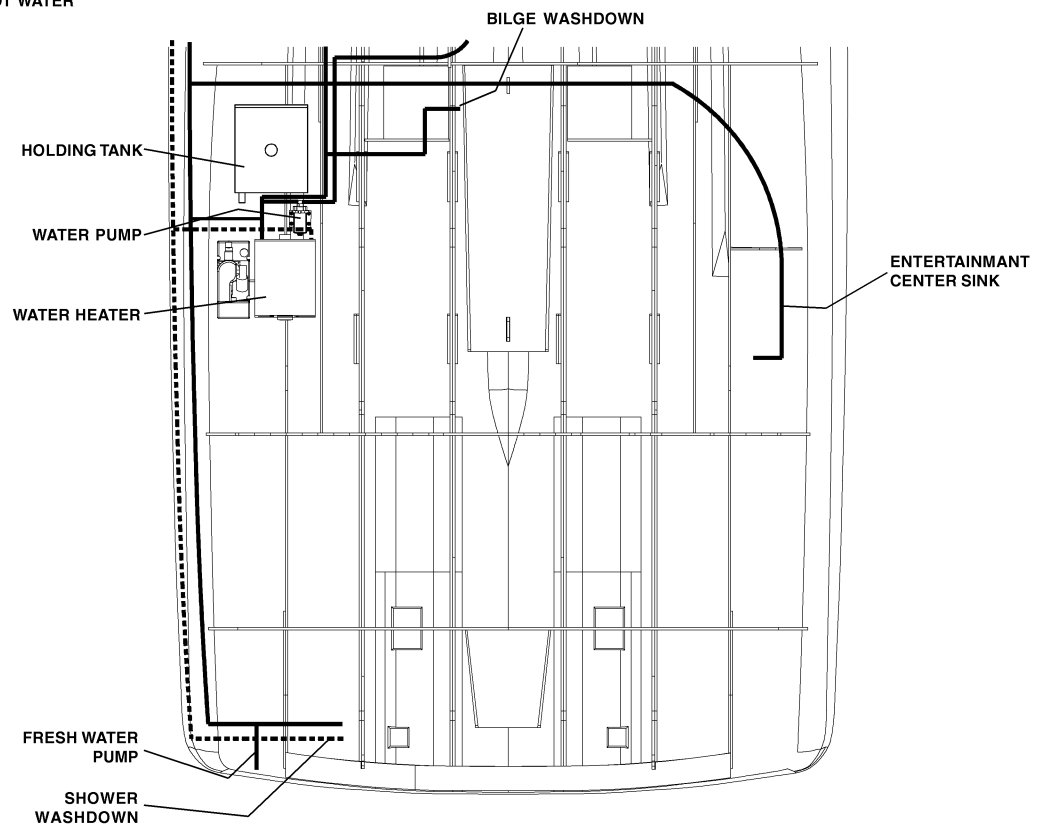




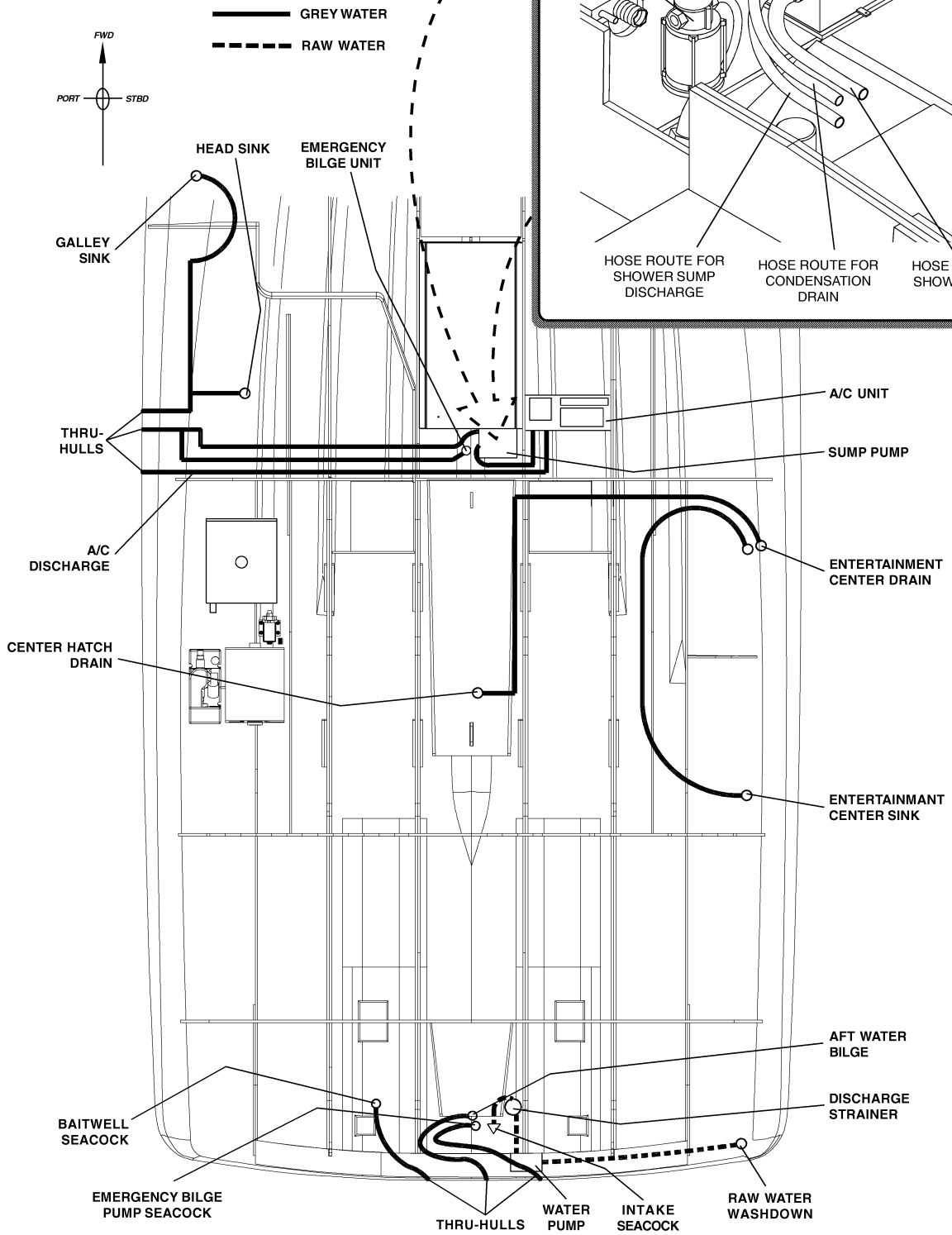
**WATER LINE ROUTING**  
(FIG. 12.9.1)



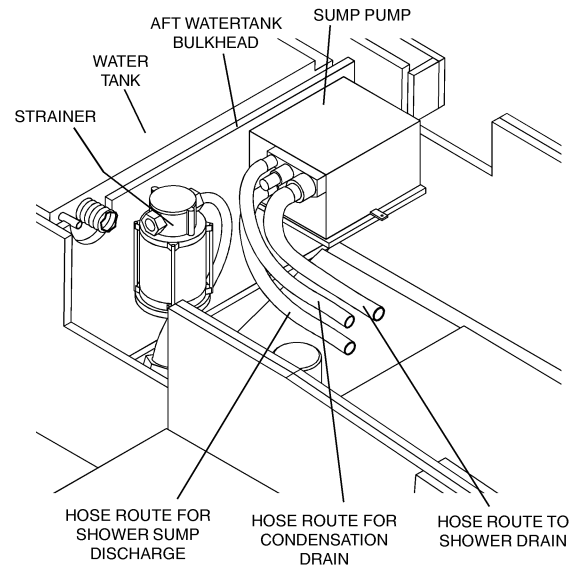
— COLD WATER  
- - - HOT WATER



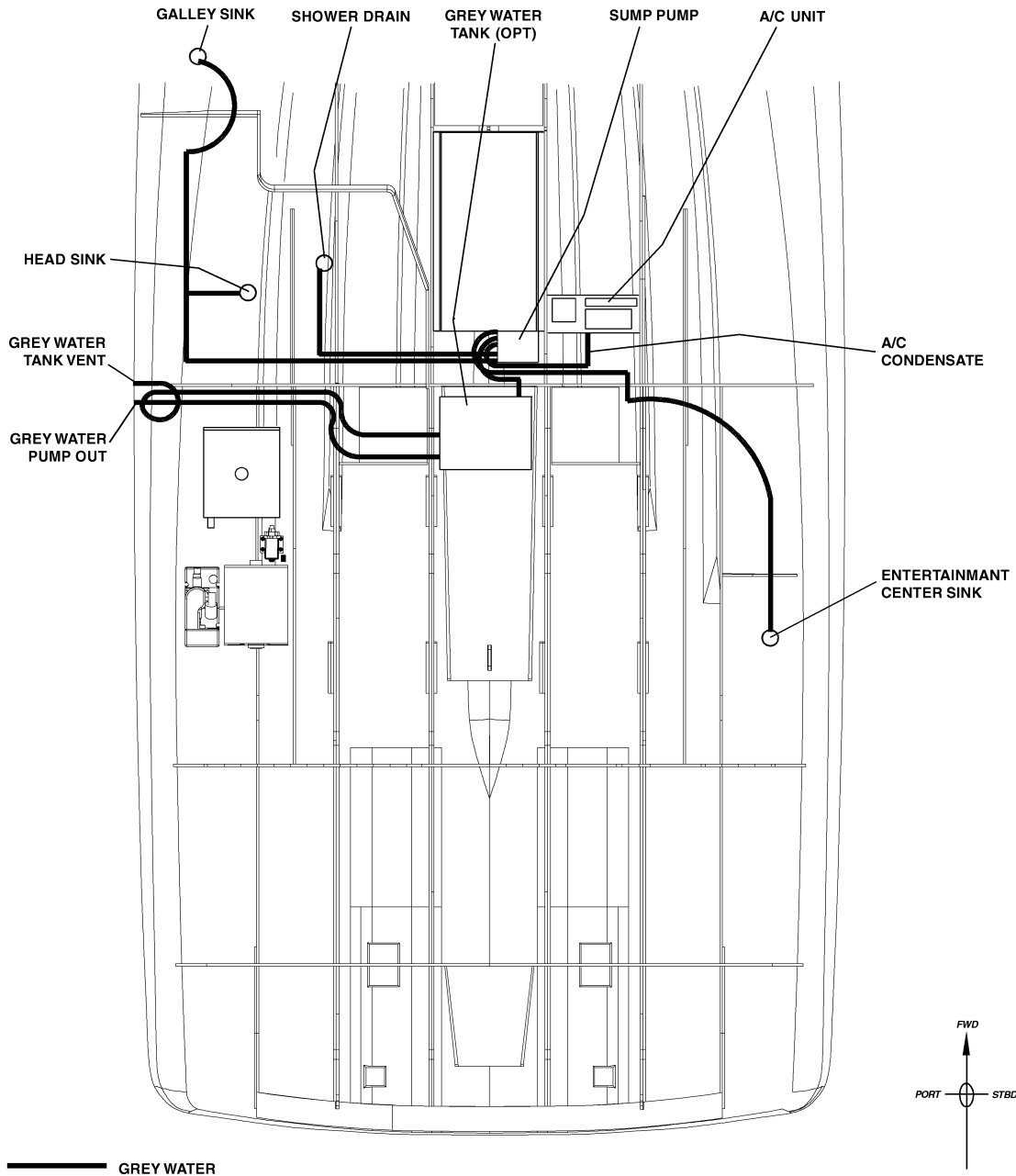
GREY WATER LINE ROUTING  
(FIG. 12.10.1)



SHOWER SUMP DETAIL  
(FIG. 12.10.2)



GREY WATER LINE ROUTING  
(OPT) (FIG. 12.11.1)



## Head System



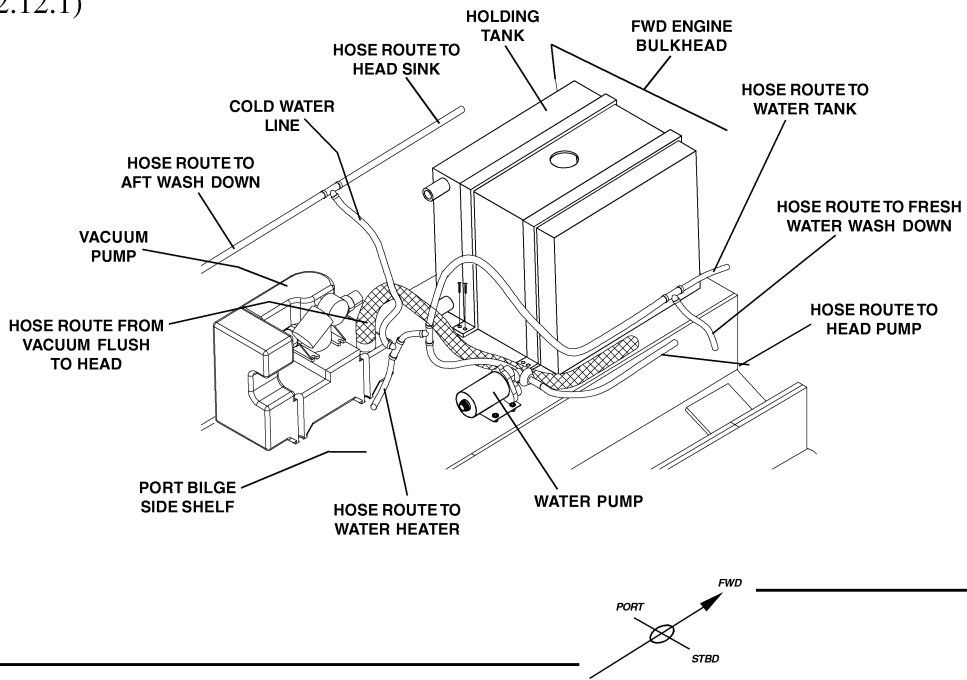
Head System information can be found in *Section 6 • Head System* of the owner's manual. The Owner's Manual Packet in your boat contains information pertaining to your head system that should be carefully read.

REFER TO THE OWNER'S MANUAL AND OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.

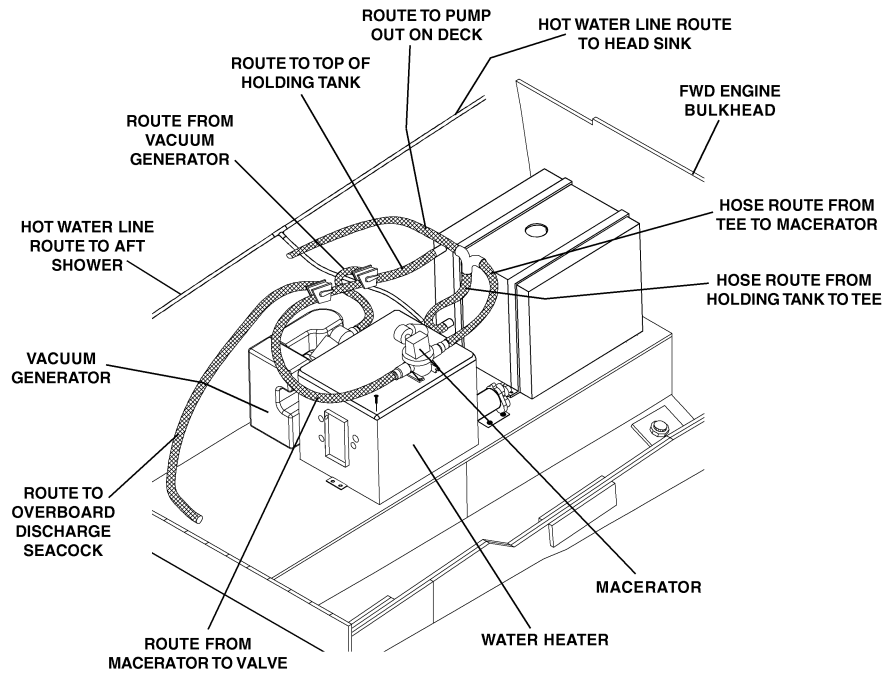
### CAUTION

**Do not place facial tissue, paper towels or sanitary napkins in head.**

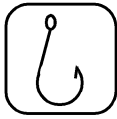
VACU-FLUSH HEAD SYSTEM  
(FIG. 12.12.1)



(FIG. 12.12.2)



# Live Baitwell System



The baitwell system will keep live bait alive for an extended period of time. The live baitwell is equipped with a light that is turned on with the cockpit lights switch.

## To Operate:

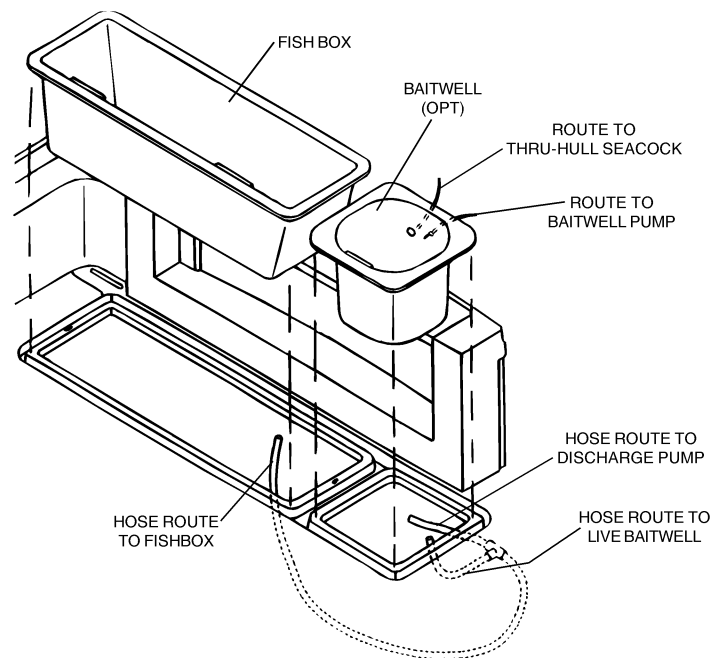
1. Open baitwell seacock.
2. Insert down spout into drain.
3. Turn on baitwell switch located on the control station switch panel.

Water will be pumped and aerated into the baitwell.

## To Empty:

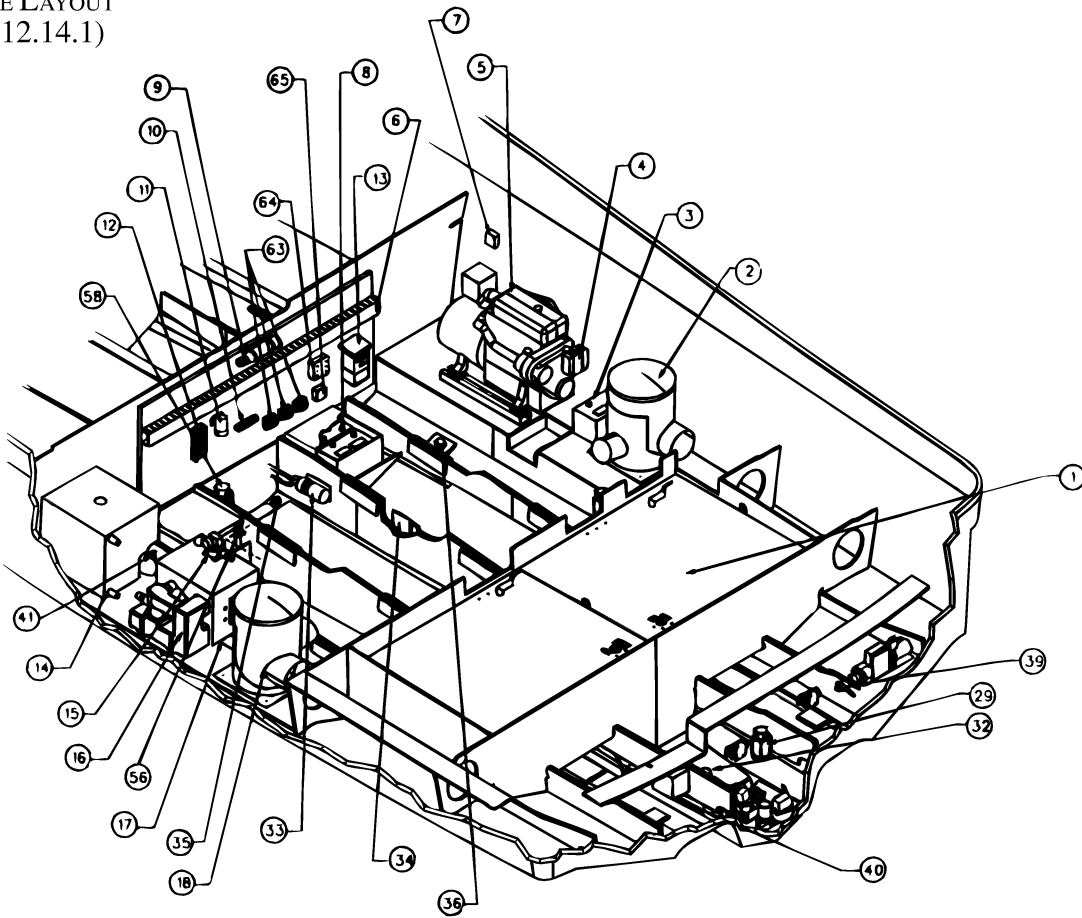
1. Turn off baitwell switch.
2. Remove down spout from drain.
3. Close baitwell seacock.

BAITWELL (OPT)  
(FIG. 12.13.1)

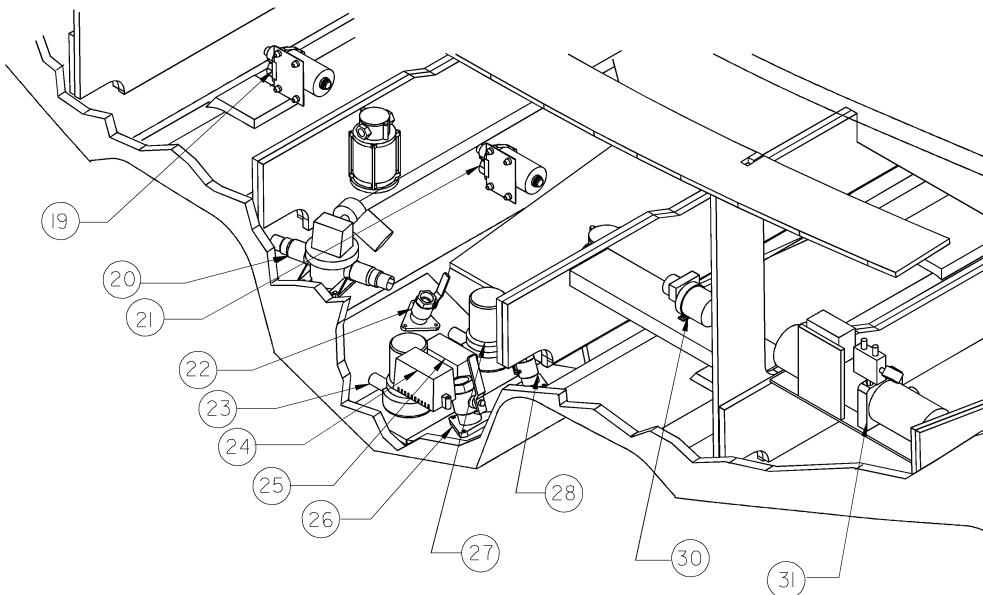


# Bilge Layout

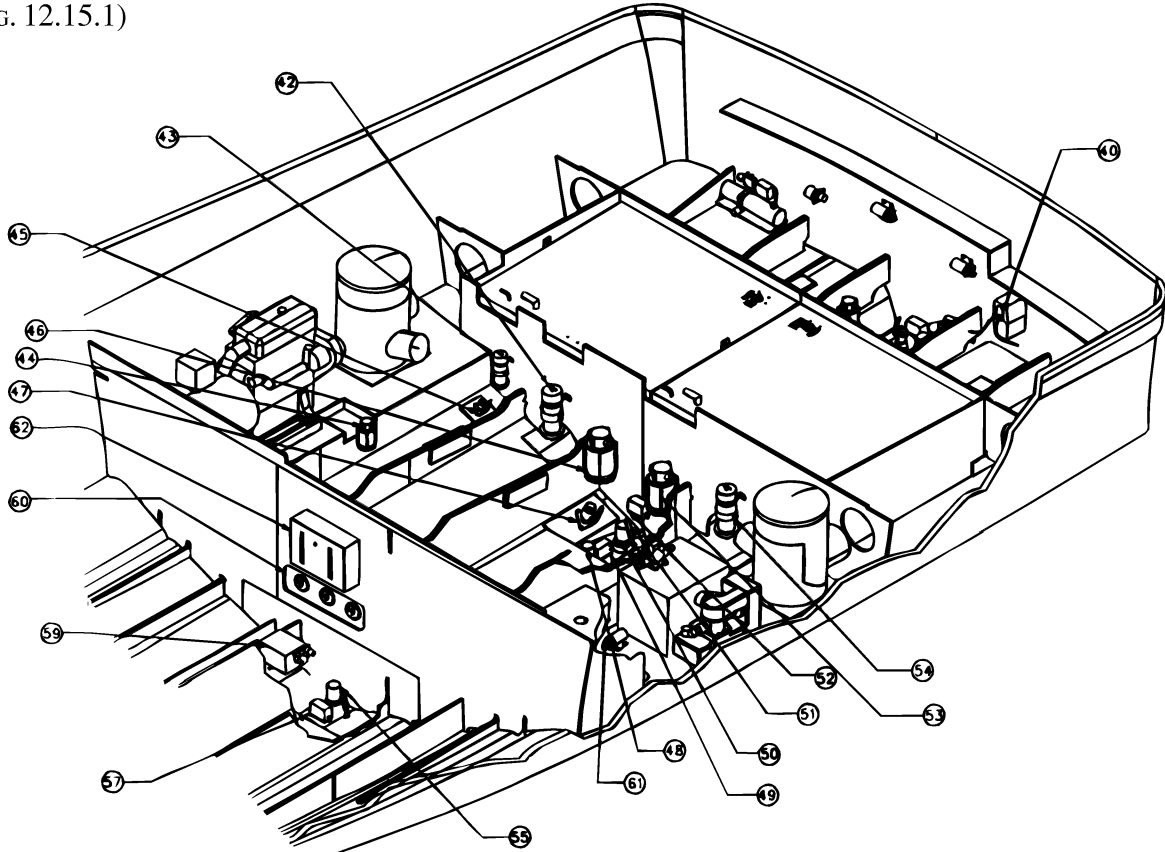
BILGE LAYOUT  
(FIG. 12.14.1)



(FIG. 12.14.2)



**BILGE LAYOUT**  
(FIG. 12.15.1)



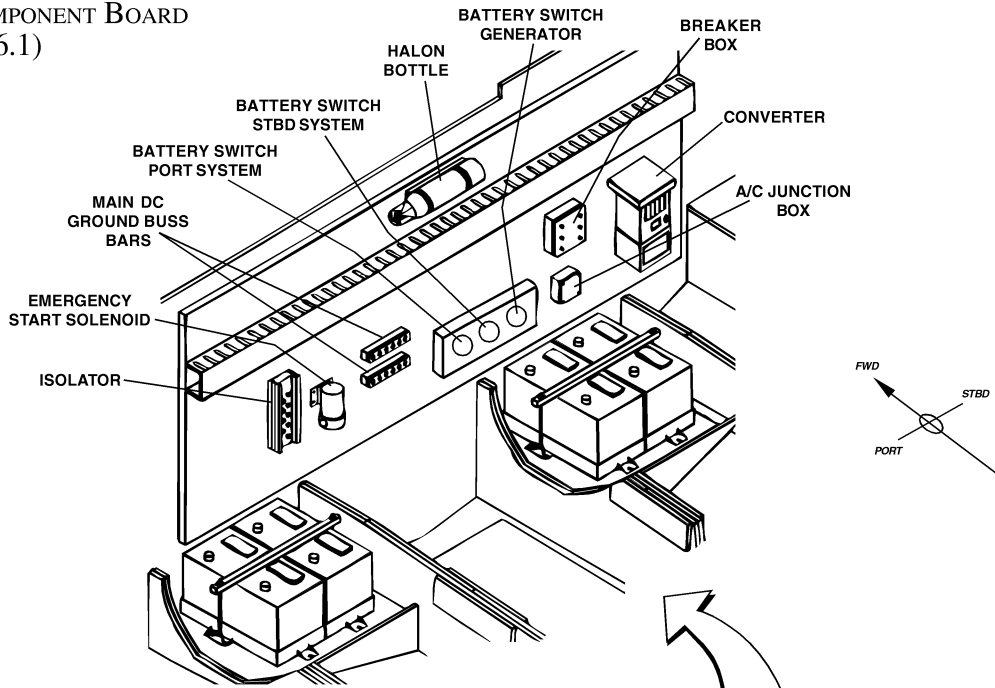
- |  |   |
|--|---|
| 1 FUEL TANK  | 31 HYDRAULIC PUMP                       |
| 2 MUFFLER  | 32 BAITWELL STRAINER (OPT)              |
| 3 GENERATOR BATTERY                                    | 33 A/C PUMP                             |
| 4 GENERATOR COOLANT BOTTLE                             | 34 OIL EXCHANGER                        |
| 5 GENERATOR  | 35 DEPTH TRANSDUCER                     |
| 6 PVC ELECTRICAL CONDUIT TRAY                          | 36 SPEED/TEMP TRANSDUCER                |
| 7 GENERATOR SET CONTROLLER                             | 37 ENGINE COOLANT RECOVERY BOTTLES      |
| 8 BATTERIES  | 38 AUTO PILOT RUDDER INDICATOR          |
| 9 AUTOMATIC FIRE EXTINGUISHER                          | 39 TRIM/TAB PUMP                        |
| 10 MAIN DC GROUND BUSS BAR                             | 40 BILGE WASHDOWN FAUCET                |
| 11 EMERGENCY START SOLENOID                            | 41 FUEL FILTER (W/DIESEL ONLY)          |
| 12 ISOLATOR  | 42 GENERATOR FUEL FILTER                |
| 13 CONVERTER   | 43 GENERATOR STRAINER                   |
| 14 HOLDING TANK  | 44 GENERATOR SEACOCK                    |
| 15 MACERATOR (OPT)                                     | 45 ENGINE STRAINER                      |
| 16 VACUUM GENERATOR                                    | 46 ENGINE SEACOCK                       |
| 17 WATER HEATER  | 47 EMERGENCY BILGE PUMP                 |
| 18 MUFFLER   | 48 BILGE PUMP FLOAT SWITCH              |
| 19 BAITWELL PUMP (OPT)                                 | 49 BILGE PUMP                           |
| 20 MACERATOR DISCHARGE FOR<br>BAITWELL & FISHBOX (OPT) | 50 ENGINE SEACOCK                       |
| 21 RAW WATER WASHDOWN PUMP                             | 51 EMERGENCY BILGE PUMP FLOAT SWITCH    |
| 22 BAITWELL PUMP SEACOCK (OPT)                         | 52 ENGINE STRAINER                      |
| 23 AFT PUMP  | 53 FUEL FILTER (W/DIESEL ONLY)          |
| 24 AFT EMERGENCY PUMP FLOAT SWITCH                     | 54 EMERGENCY PUMP FWD                   |
| 25 AFT PUMP FLOAT SWITCH                               | 55 EMERGENCY PUMP FWD FLOAT SWITCH      |
| 26 DISCHARGE SEACOCK                                   | 56 SUMP PUMP                            |
| 27 AFT EMERGENCY PUMP                                  | 57 BATTERY SWITCH/MAIN DC BREAKER PANEL |
| 28 WASHDOWN PUMP SEACOCK                               | 58 FRESH WATER PUMP                     |
| 29 RAW WATER WASH DOWN STRAINER                        | 59 A/C SEACOCK                          |
| 30 AUTO PILOT PUMP                                     | 60 A/C STRAINER                         |

# ELECTRICAL INSTALLATION

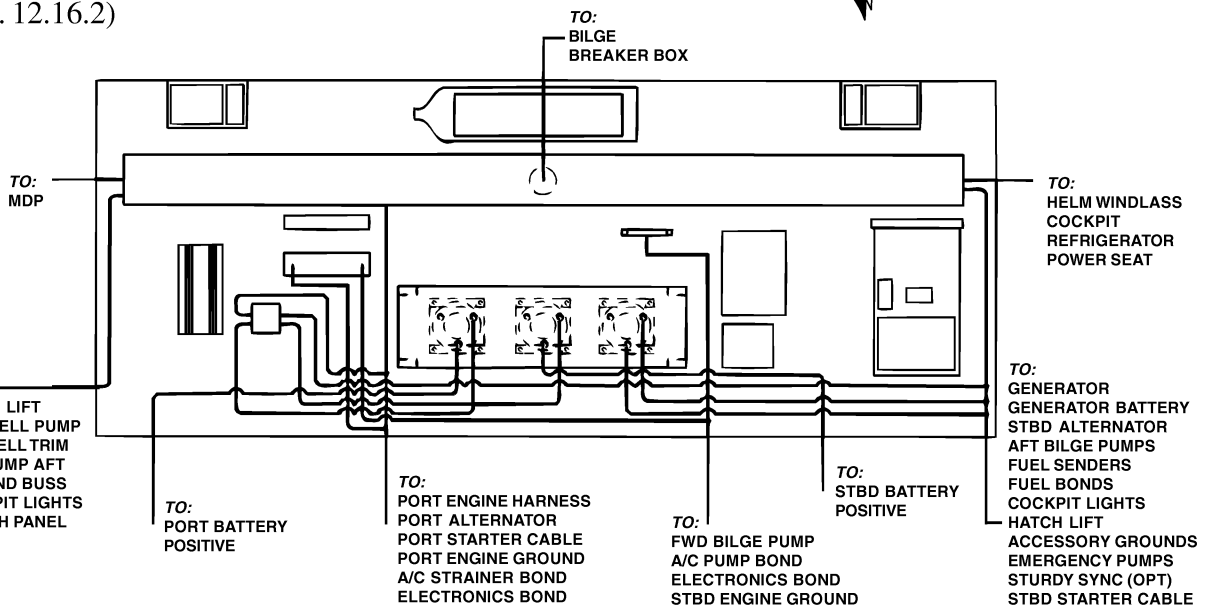
This owner's manual supplement contains electrical schematics for your boat. These electrical schematics were generated by technicians at the engineering division for technical reference and service technicians. Sea Ray® does not recommend that you attempt to work on the boats electrical system yourself,

instead we recommend that you take your boat to your authorized Sea Ray® dealer for service. Sea Ray® reserves the right to change or update the electrical system on any model at any time without notice to the consumer and is NOT obligated to make any updates to units built prior to changes.

**BILGE COMPONENT BOARD**  
(FIG. 12.16.1)

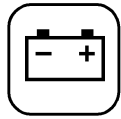


**BILGE COMPONENT BOARD**  
**ELECTRICAL LAYOUT**  
(FIG. 12.16.2)





## Battery



The 370 EC is equipped with 5 Group 27 12 volt batteries, supplying 625 cold cranking amps with a reserve capacity of 165 minutes.

### CAUTION

While the engine is running, the battery terminal clamps must not be loosened or detached nor should the battery switch(es) be turned off, otherwise the alternator and other electronic units will be damaged.

### DANGER

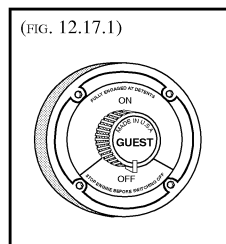
- Never use an open flame in the battery storage area.
- Avoid striking sparks near the battery.
- A battery will explode if a flame or spark ignites the free hydrogen given off during charging.

Refer to the owner's manual for battery disconnect and maintenance. When replacing a battery, refer to your engine operation and maintenance manual to find the recommended battery for the engine installed in your boat.

Sea Ray® recommended batteries are available through your Sea Ray® dealer.

ALWAYS DISCONNECT BATTERY CABLES BEFORE DOING ANY WORK ON THE ENGINE'S ELECTRICAL SYSTEM OR ALTERNATOR WIRING TO PREVENT ARCING OR DAMAGE TO THE ALTERNATOR.

## BATTERY SWITCH

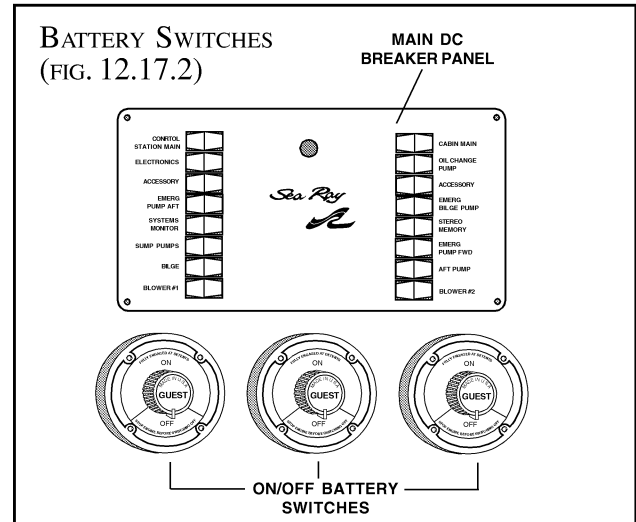


(FIG. 12.17.1)

Your boat is equipped with three battery switch selectors. They are located in the compartment under the stairway. See figure 12.17.2 for exact location. The battery switch controls the delivery of DC loads, as well as allowing the engine alternator to charge the batteries.

- ON/OFF Switches with two (2) positions, "ON and OFF".

## BATTERY SWITCHES (FIG. 12.17.2)



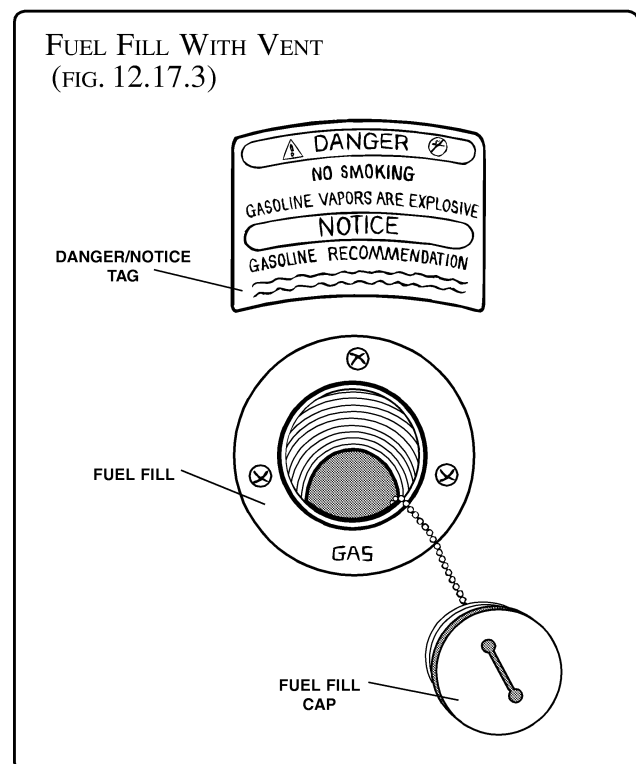
## Fuel System

The 370 EC is equipped with either a gasoline or diesel fuel system. A detailed drawing of the fuel system can be found in the *Owner's Manual, Section 4, Fueling & Starting* and the *Parts Manual*. Fueling instructions and precautions can be found in the *Owner's Manual, Section 4, Fueling & Starting*.

**NOTE: IN ROUGH SEAS, ALLOW APPROXIMATELY 15% RESERVE WHEN PLANNING FUEL CONSUMPTION.**

**REFER TO THE ENGINE OPERATOR'S MANUAL FOR MORE DETAILED INFORMATION.**

## FUEL FILL WITH VENT (FIG. 12.17.3)

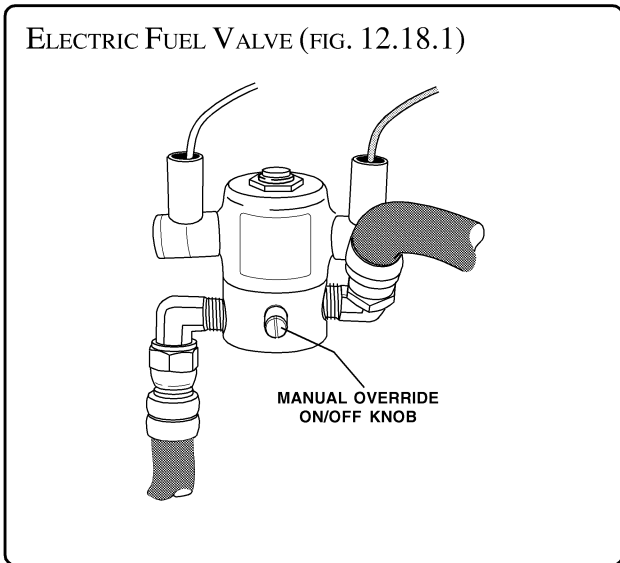


## Electric Fuel Valves (Gasoline)

The valves are wired to the ignition switch. When the ignition is turned ON the valve opens, when the ignition is turned OFF the valve closes. The manual override knob on the side of the valve should be left in the OFF position at all times.

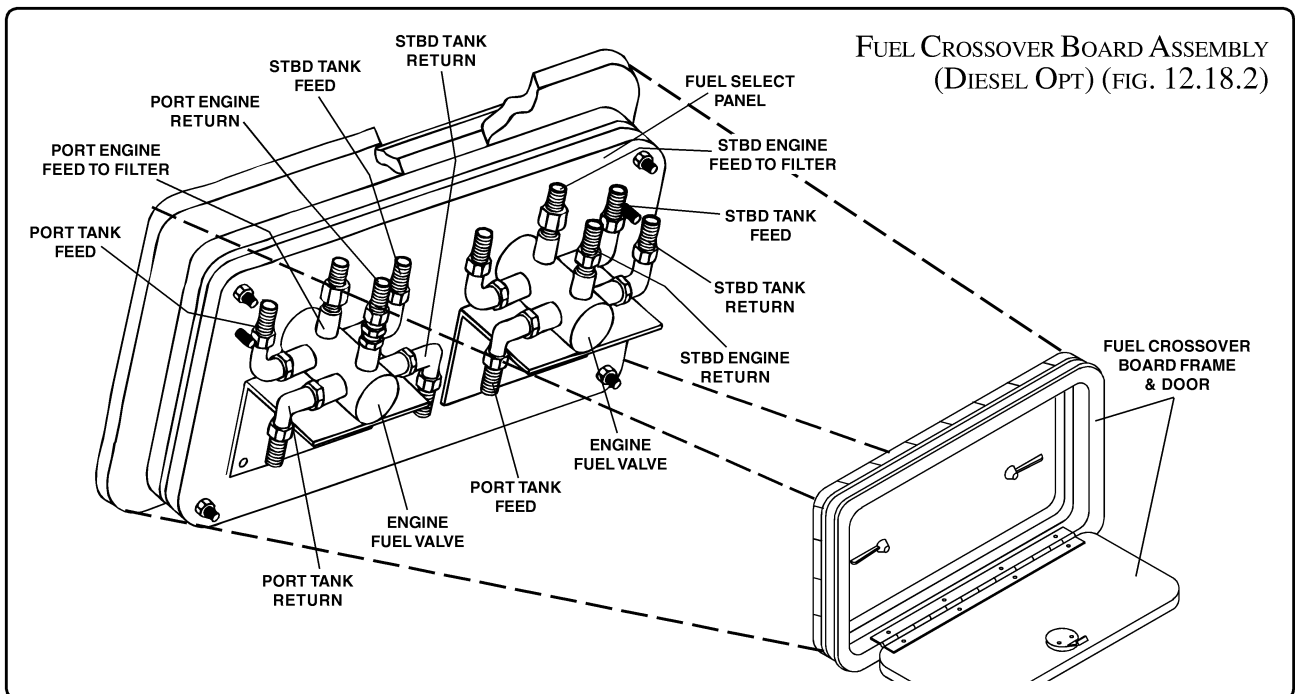
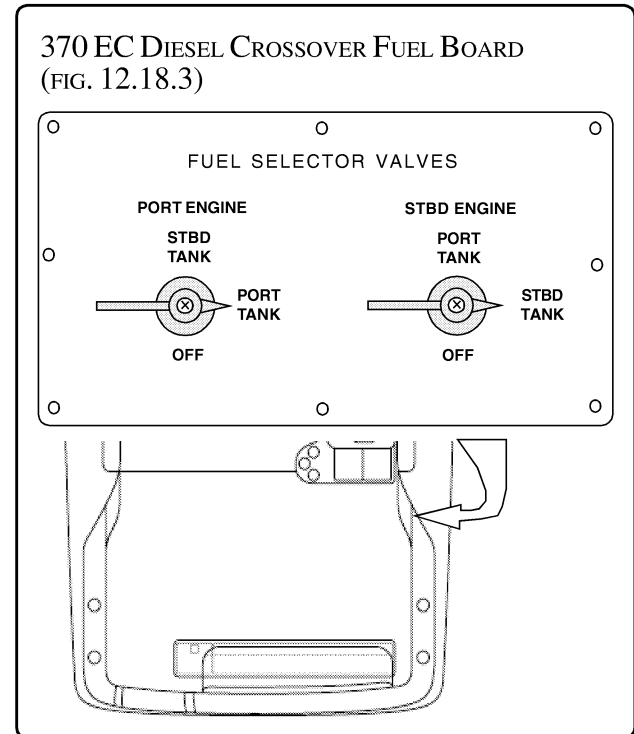
In the event of an electrical malfunction, the valve can be opened and closed manually by turning the manual override knob.

The electric fuel valve is installed in-line on the fuel hose between the fuel tank and the engines and generator.

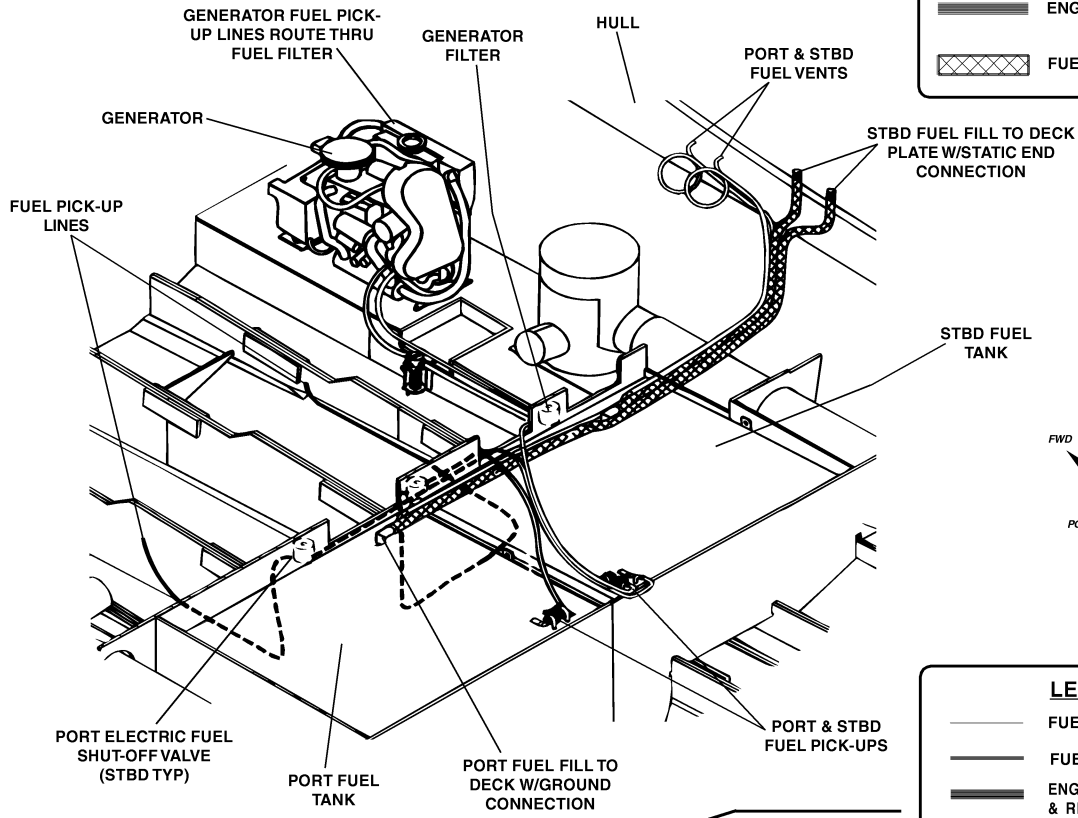


## Crossover Fuel System (Diesel)

The crossover fuel system allows the engines to draw fuel from either tank. This allows switching to an alternate tank in case of fuel contamination or for even fuel weight distribution. Each engine is equipped with valves on the crossover fuel board. The generator only draws fuel from the port fuel tank. The crossover fuel board is located on the port side of the cockpit aft of the entertainment center.



**FUEL LINE ROUTING (GASOLINE)**  
(FIG. 12.19.1)



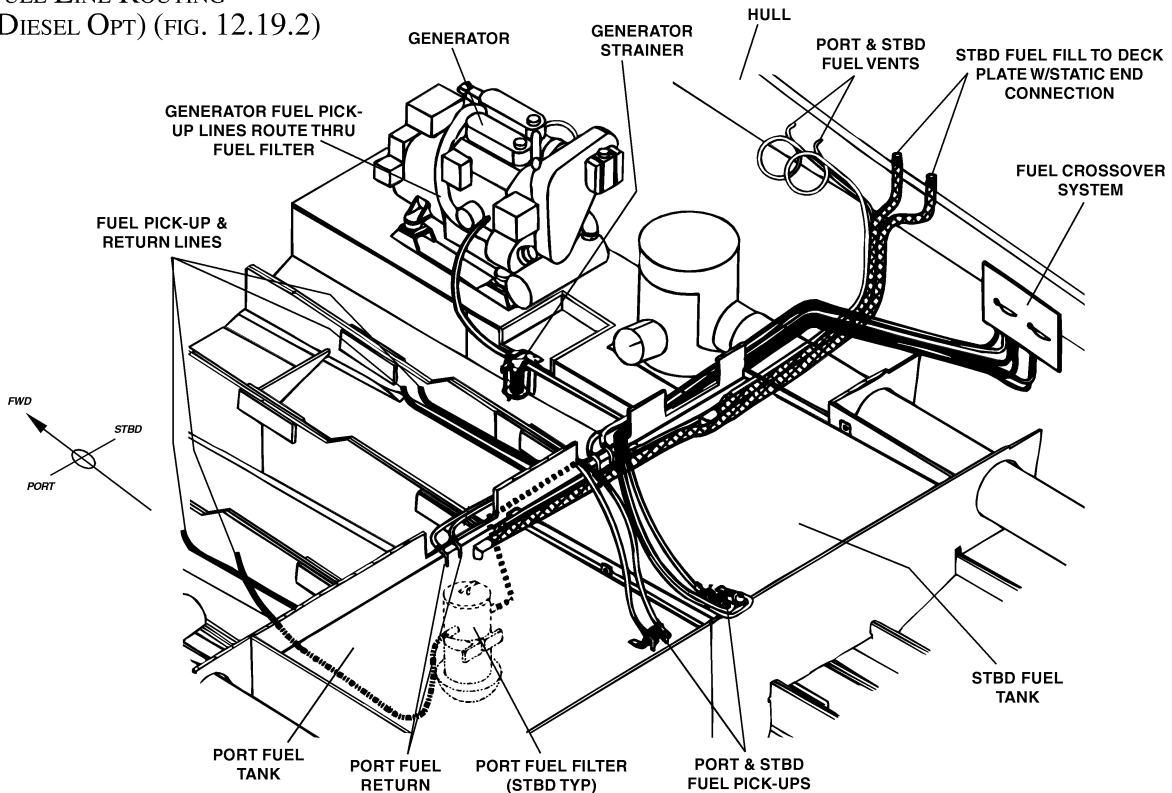
**LEGEND**

- FUEL PICK-UP LINE
- ENGINE FUEL PICK-UP
- FUEL FILL LINE

**LEGEND**

- FUEL RETURN LINE
- FUEL PICK-UP LINE
- ENGINE FUEL PICK-UP & RETURN LINE
- FUEL FILL LINE

**FUEL LINE ROUTING (DIESEL OPT)**  
(FIG. 12.19.2)



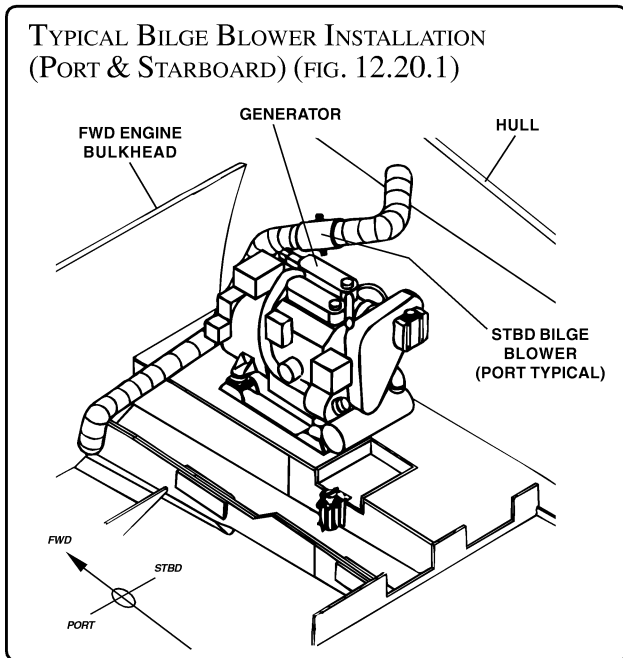
## Ventilation System / Bilge Blower



Sea Ray® Sport Yachts are equipped with electric bilge blowers to remove fumes from the engine compartment and provide ventilation through the deck vents before starting the engine and when operating below cruising speeds. The bilge blowers are located inside the port and starboard side of the bilge.

Bilge blower switches are located on the helm switch panel and the DC main distribution panel. Bilge blower breakers are located on the main DC breaker and battery switch panel located under the cabin entry steps.

The Sea Ray® 370 Express Cruiser blower switches have a two way switching capability. The blowers can be turned ON and OFF at either the control station or the main distribution panel.



### Blower Switch Lights:

**Lights On:** When the blowers are turned ON, the lights in the switches will come on and stay on, indicating that the blowers are functioning correctly.

**Lights Not On:** If you try to turn ON the blowers and no lights come on, then both breakers are tripped and the switch is not receiving power. Reset the tripped breakers.

REFER TO "SECTION 2, BILGE & UNDERWATER GEAR" AND OWNER'S PACKET FOR OPERATING INSTRUCTIONS AND SAFETY PRECAUTIONS.

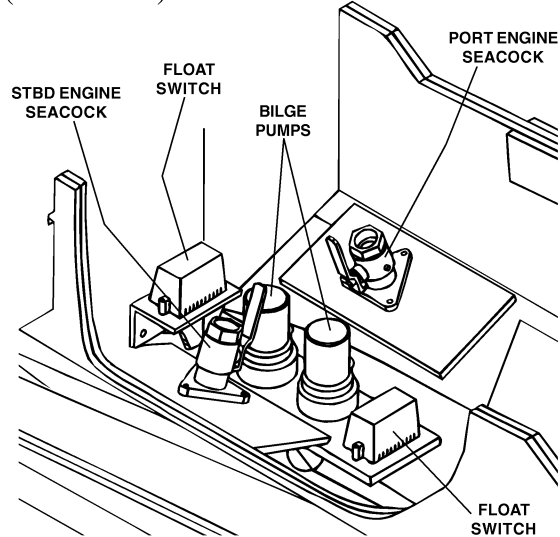
## Bilge Pumping System



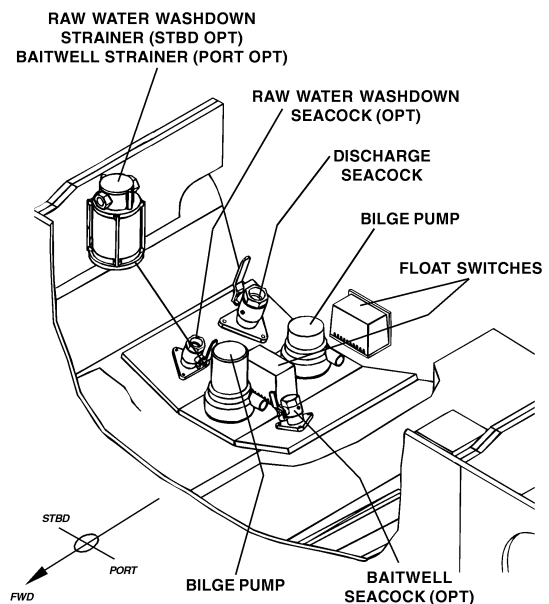
The 370 EC is equipped with an automatic bilge pump system.

REFER TO THE OWNER'S MANUAL AND OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.

### FORWARD BILGE PUMP INSTALLATION (FIG. 12.20.2)



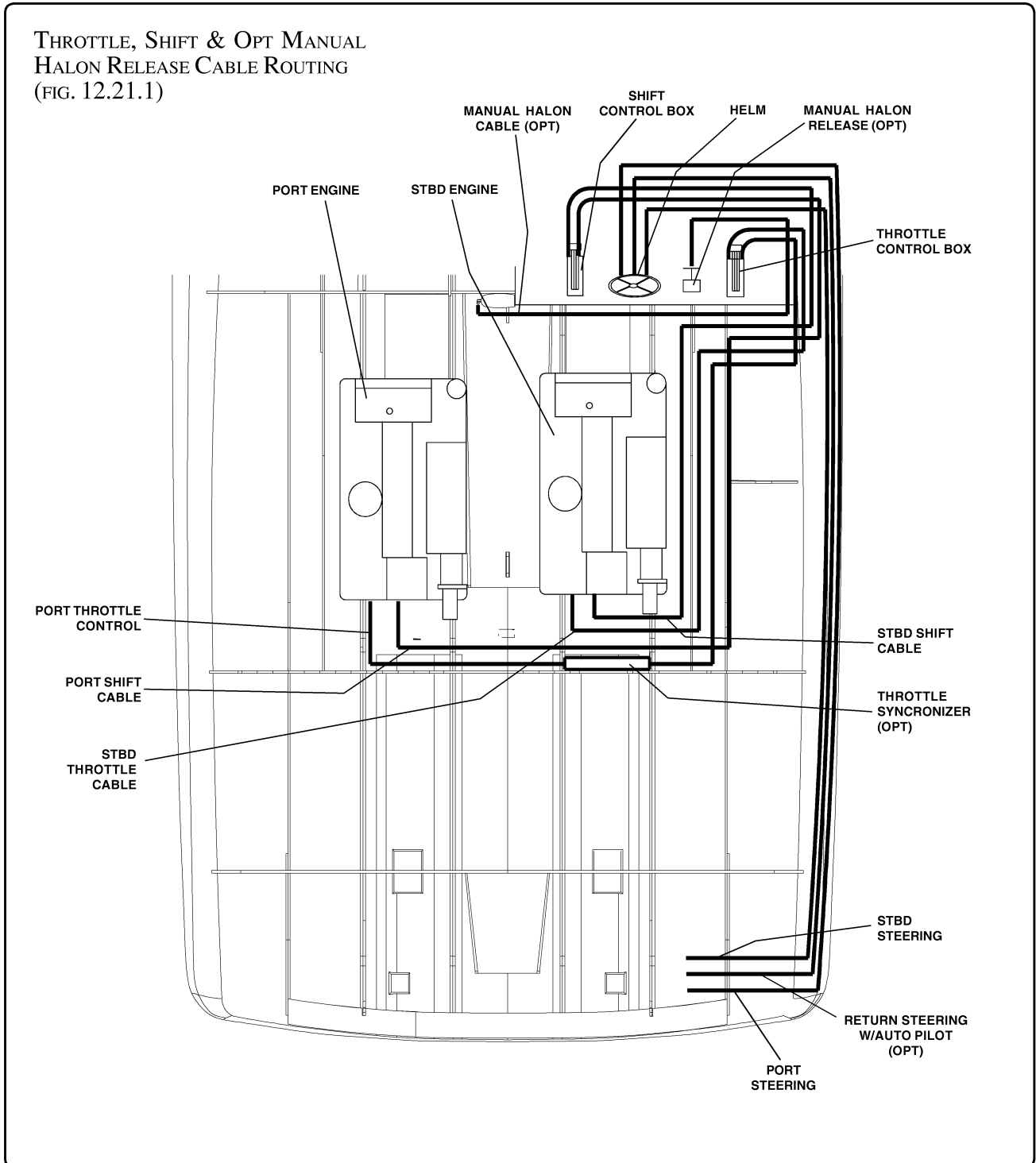
### AFT BILGE PUMP INSTALLATION (FIG. 12.20.3)



# Steering System

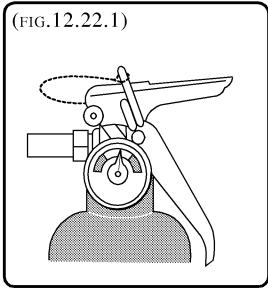
The 370 EC is equipped with a hydraulic steering system with tilt steering wheel.

REFER TO THE ORIGINAL EQUIPMENT MANUAL IN THE OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.



# FIRE EXTINGUISHING SYSTEM

(FIG.12.22.1)



Your boat must be equipped with an approved fire extinguisher therefore you must follow the requirements below.

Following are United States Coast Guard (USCG) requirements and American Boat & Yacht Council

(ABYC) recommendations for boats not equipped with the automatic fire extinguishing system option for boats over 26 feet (4.9 meters) but less than 40 feet (7.9 meters).

**⚠ WARNING**

- In case of fire **DO NOT** open engine box or compartment.
- Shut down engines, generator and blowers.

Standard	Boat	Qty.	Type
USCG	370 EC	2	B1
ABYC	370 EC	3	B1

Location: Outside engine compartment, steering position and galley, or passenger cockpit.

Note: To be ABYC compliant Sea-Ray Boats, Inc. follows ABYC construction standards and recommendations.

Your 370 EC is equipped with an automatic fire extinguisher system, located in the engine room. In the event of a fire, the heat sensitive automatic head will release the extinguishant as a vapor, totally flooding the area in fire-killing concentrations. The system indicator light is wired to the ignition and is turned ON when the ignition is turned ON.

The indicator light, located on the control station ignition switch panel, indicates to the helmsman when the unit has discharged. Under normal circumstances, when the engines are operating, the indicator light is lit. If the unit discharges, the light will go out.

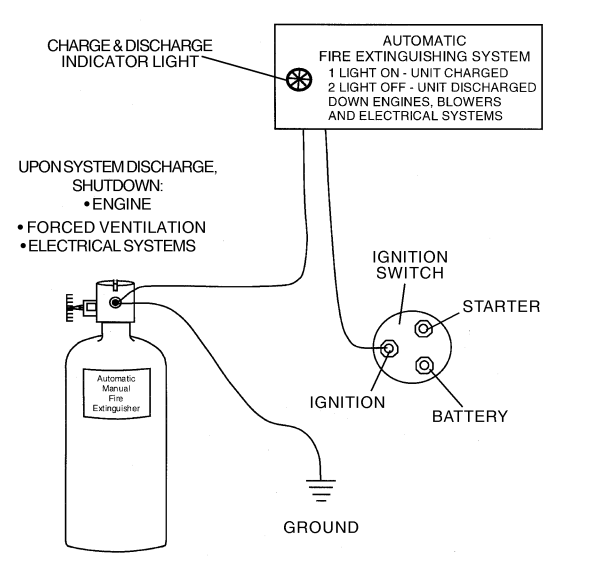
**WHEN ACTUATION OCCURS, IMMEDIATELY SHUT DOWN ALL ENGINES, POWERED VENTILATION, ELECTRICAL SYSTEMS AND EXTINGUISH ALL SMOKING MATERIALS. DO**

**NOT IMMEDIATELY OPEN THE ENGINE COMPARTMENT!! THIS FEEDS OXYGEN TO THE FIRE AND FLASHBACK COULD OCCUR.**

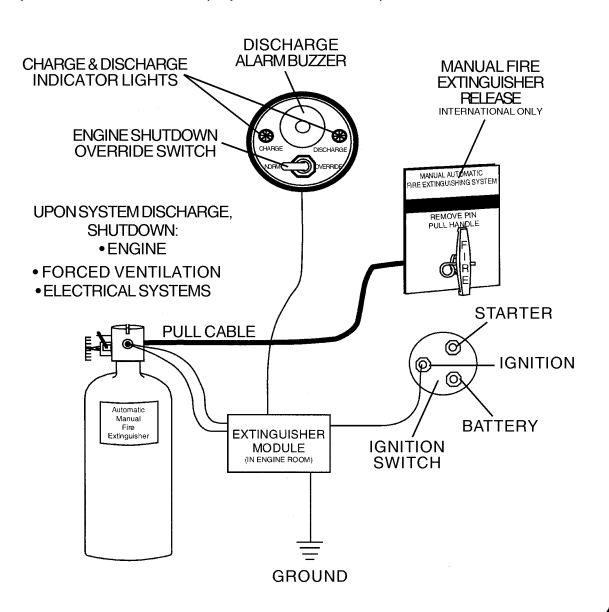
Allow the extinguishant to “soak” the compartment for at least fifteen (15) minutes and for hot metals or fuels to cool before cautiously inspecting for cause of damage. Have portable extinguishers at hand and ready. Do not breathe fumes or vapors caused by the fire.

REFER TO OWNER’S MANUAL PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.

**AUTOMATIC FIRE EXTINGUISHING SYSTEM (GAS SYSTEM) (FIG. 12.22.2)**



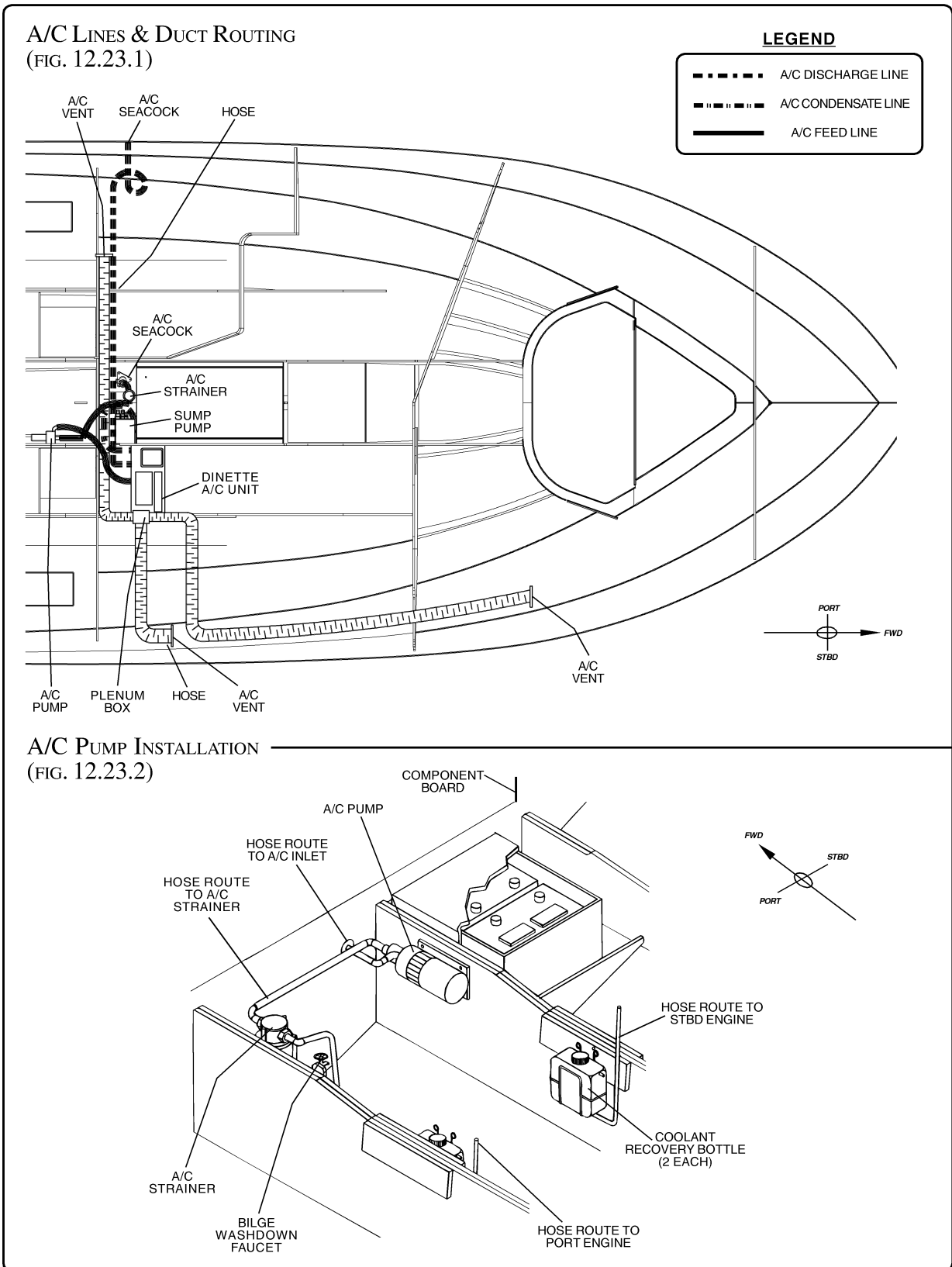
**AUTOMATIC FIRE EXTINGUISHING SYSTEM (DIESEL SYSTEM) (FIG. 12.22.3)**



# AIR CONDITIONING & HEATING

The air conditioning/heating system installed in your Sea Ray® is of the size and capacity best suited for the size of your Sport Yacht.

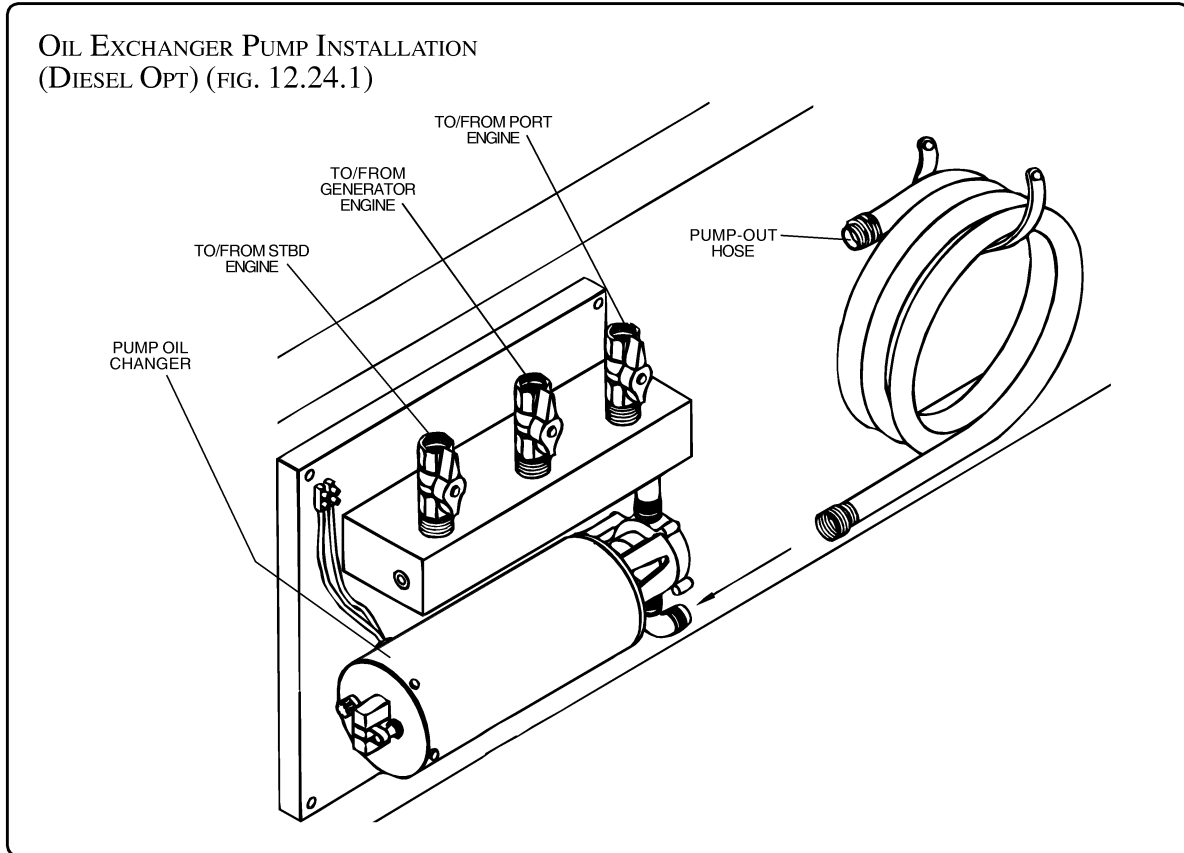
REFER TO THE ORIGINAL EQUIPMENT MANUAL IN THE OWNER'S PACKET FOR INSTRUCTIONS AND WARRANTY INFORMATION.



# Oil Exchanger System

The oil exchange system is located on the inboard port stringer.

REFER TO THE SPORT YACHT OWNER'S MANUAL FOR DETAILED OPERATING INSTRUCTIONS AND THE OWNER'S PACKET FOR MANUFACTURE LITERATURE & WARRANTY.





# Special Features

## Engine Cooling System

The engine cooling system consists of an internal integral system and an external system of seacocks, hoses and strainers. Refer to the *Owner's Manual, Section 2, Bilge & Underwater Gear* for instructions for seacocks and strainers.

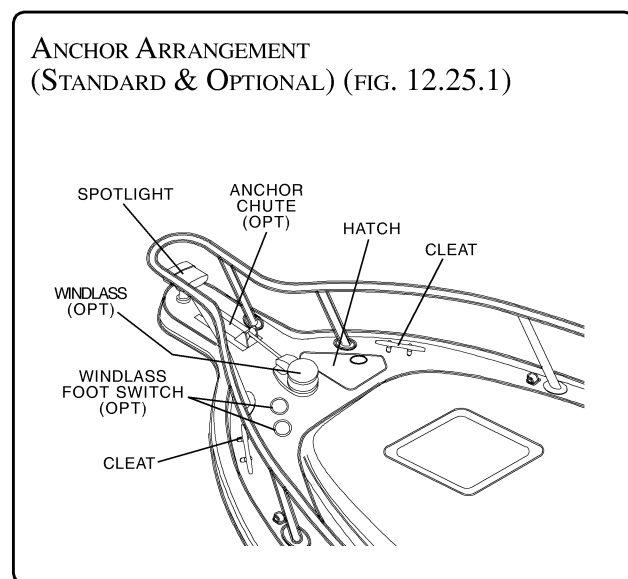
REFER TO THE ENGINE OWNER'S MANUAL FOR INSTRUCTIONS AND WARRANTY INFORMATION.

## Anchoring

To anchor, bring the bow into the wind or current and put the engine in neutral. When the vessel comes to a stop, lower, do not throw, the anchor over the bow. The anchor line should be 5 to 7 times the depth of water.

## Anchoring Arrangement

The 370 EC is equipped with a windlass and an anchor chute. Stow the anchor in the chute when not in use. A wash down faucet is located inside the rope locker. Note: Before using the anchor, be sure the anchor safety line is removed from the anchor and the anchor is secured to the windlass chain.



## Generator Information

Sea Ray® strongly urges you to fully comply with the manual provided by the generator manufacturer. The generator is warranted separately by the generator manufacturer, not Sea Ray®. Follow the recommended maintenance and warranty schedule in your Generator Operator's Manual included in the Owner's Manual Packet. Generator abuse or improper maintenance may adversely affect claims made under generator manufacturer's separate warranty.

### CAUTION

Do not run the generator in an enclosed area, such as a closed boat house, as there is a possibility of build-up and inhaling of carbon monoxide.

### DANGER

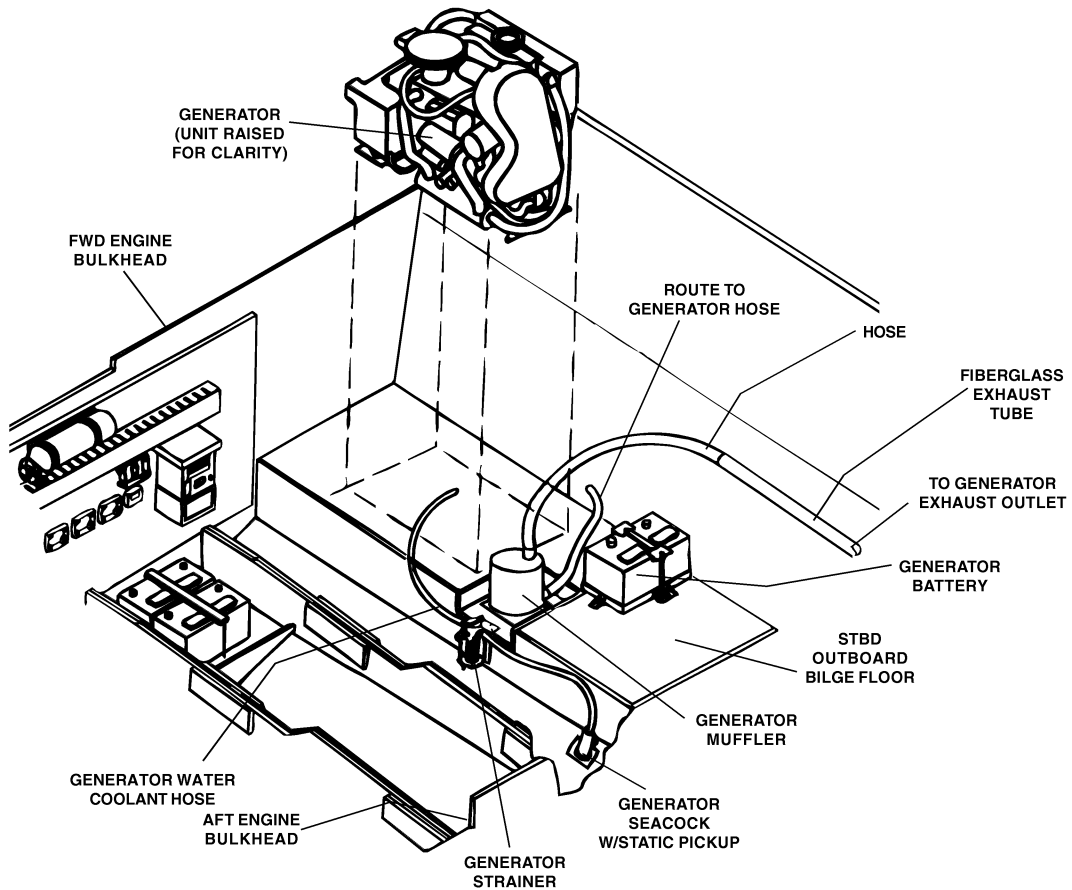
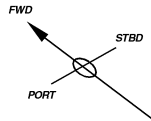
#### GASOLINE VAPORS CAN EXPLODE

##### Before Starting Generator:

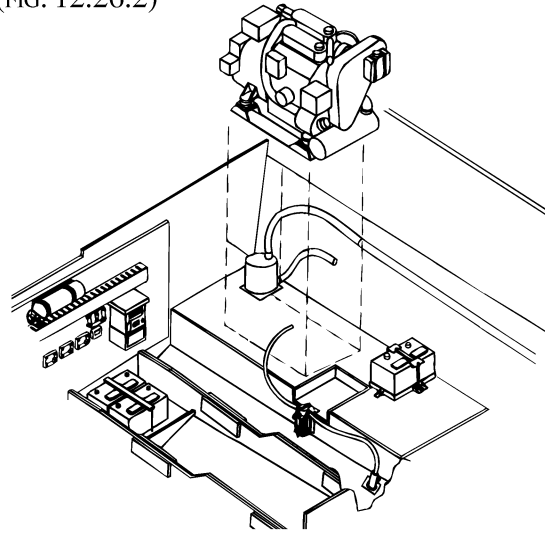
- Check machinery compartment for gasoline vapors.
- Operate blower for four (4) minutes.

Run Blower At All Times When Generator Is Running.

GENERATOR SYSTEM (GAS OPTION)  
(FIG. 12.26.1)

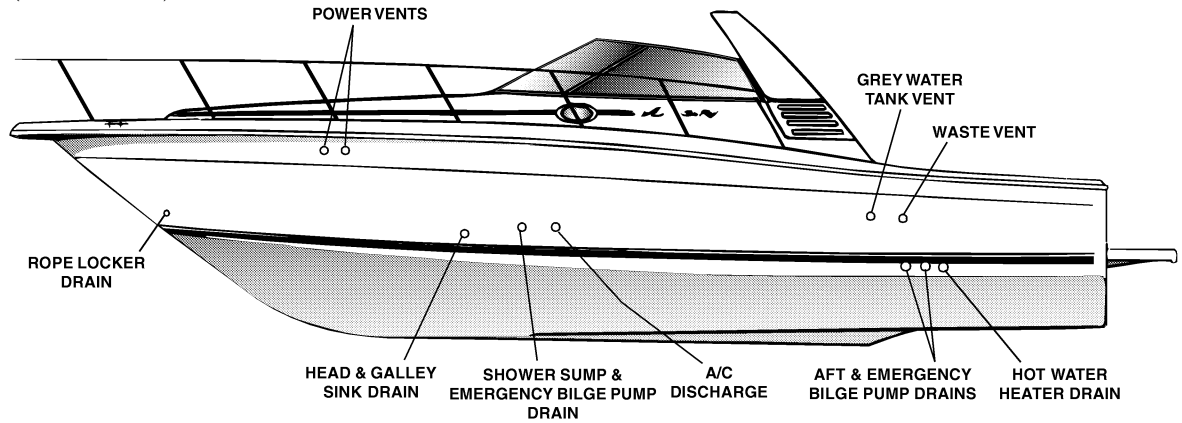


GENERATOR SYSTEM (DIESEL OPTION)  
(FIG. 12.26.2)

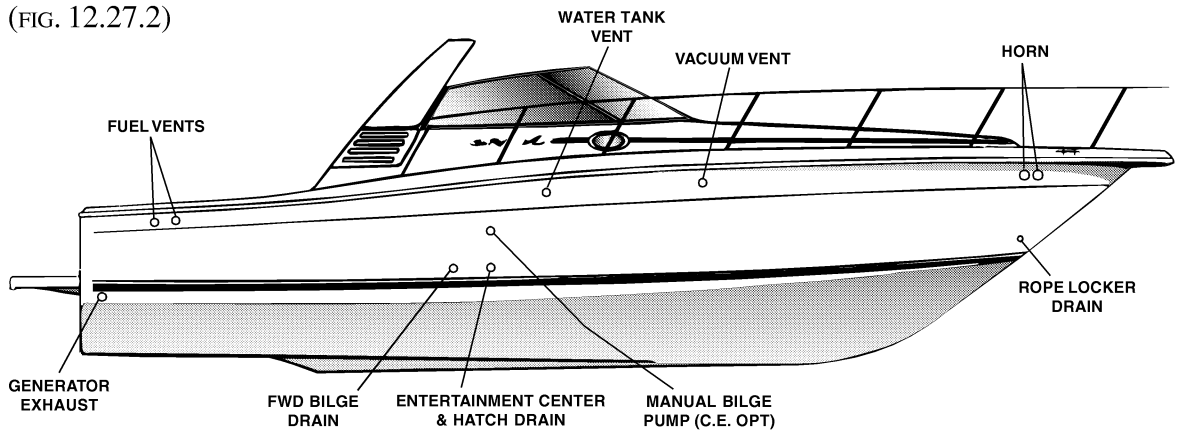


# Location of Through-Hull Fittings

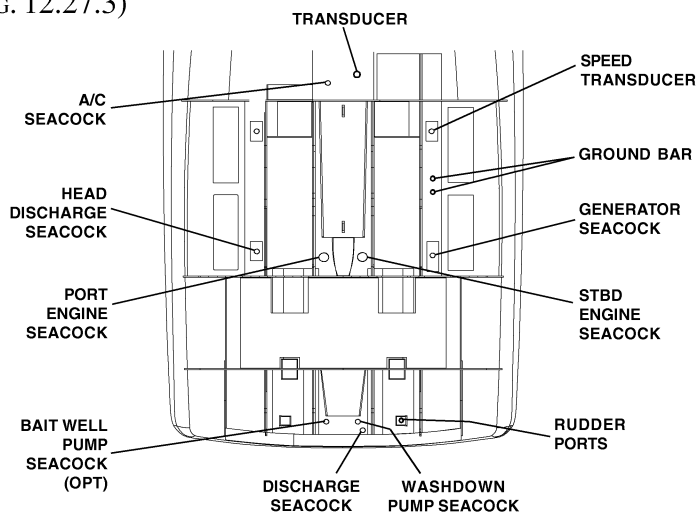
PORT SIDE  
(FIG. 12.27.1)



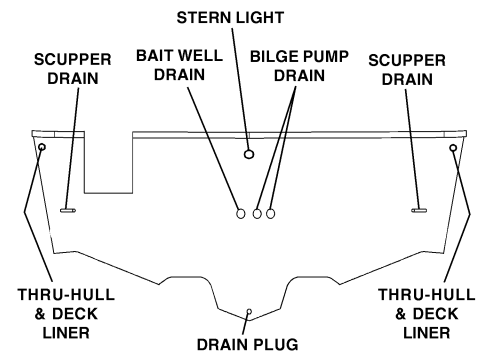
STARBOARD SIDE  
(FIG. 12.27.2)



BILGE HULL CUTOUTS  
(FIG. 12.27.3)

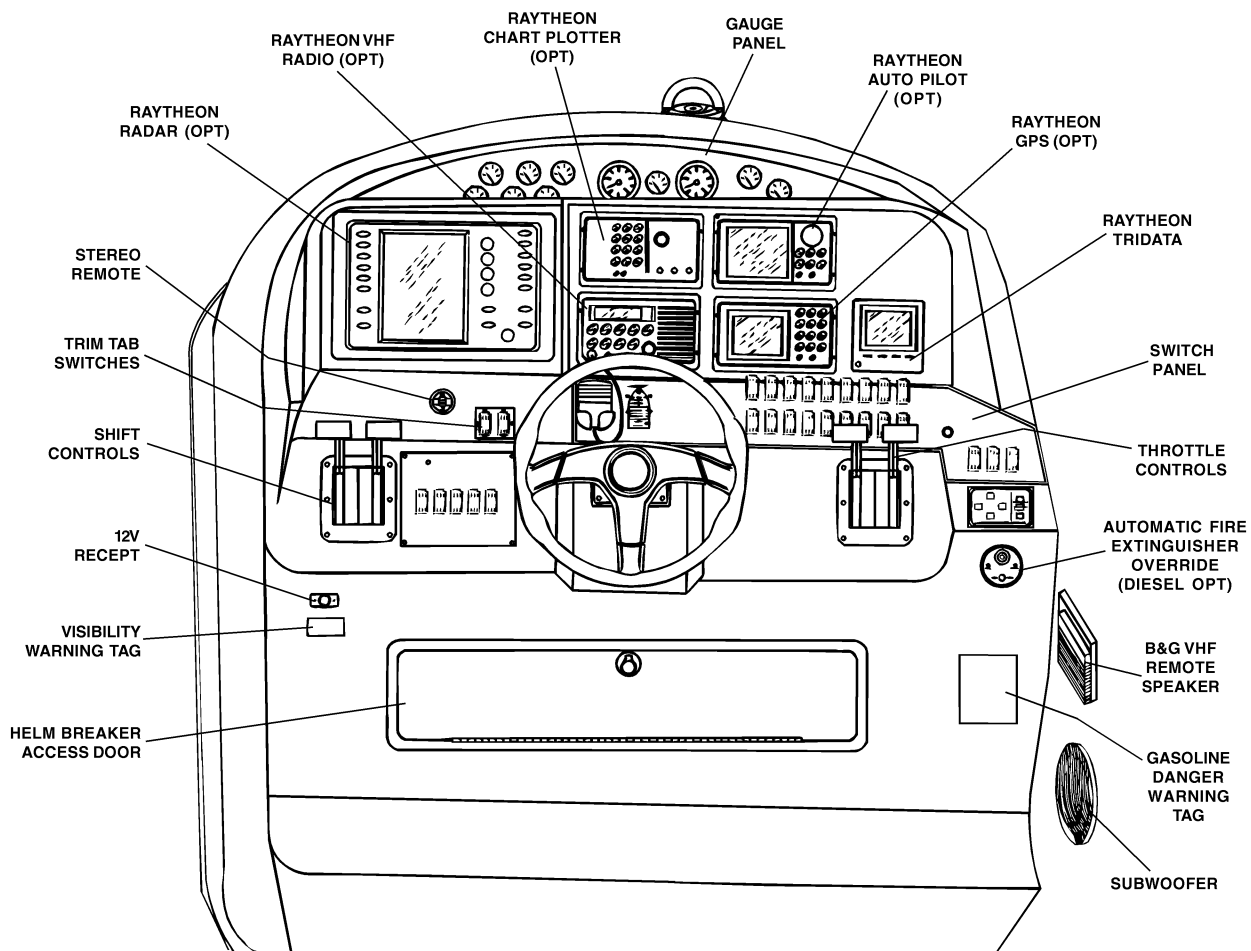


TRANSOM  
(FIG. 12.27.4)

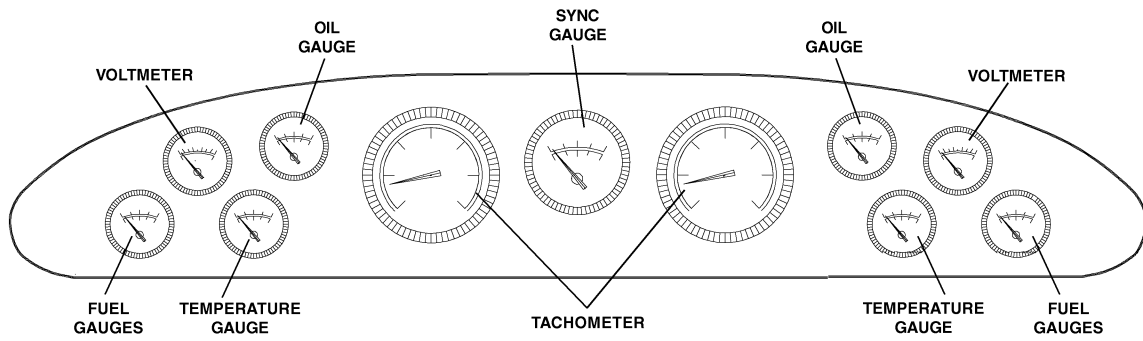


# Control Station Layout

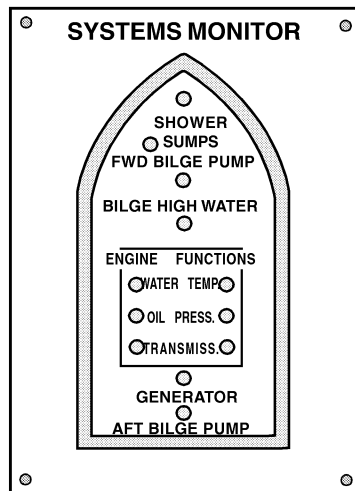
DASH LAYOUT  
(FIG. 12.28.1)



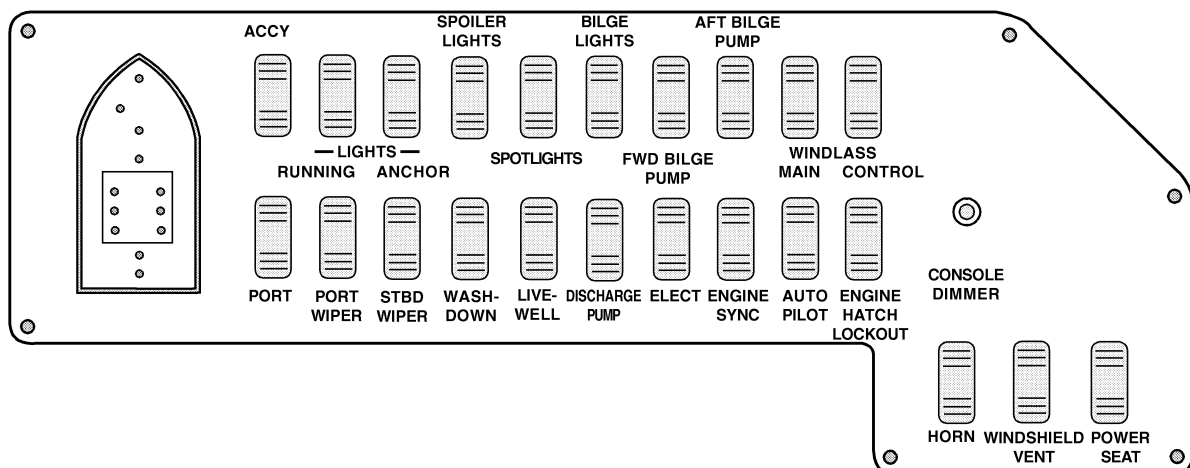
**GAUGE PANEL**  
(FIG. 12.29.1)



**SYSTEMS MONITOR PANEL**  
(FIG. 12.29.2)



**SWITCH PANEL**  
(FIG. 12.29.3)



# Canvas Information

## CANVAS

REFER TO OWNER'S MANUAL PACKET FOR CANVAS MANUFACTURER INSTRUCTIONS AND WARRANTY INFORMATION.

The Canvas manufacturer has provided the canvas piece name, and position on each canvas piece with a sewn on white label. Do not remove these tags. They will help you with identification and position for easier installation procedures.

It is recommended you decide which canvas pieces you want to remove or install before you leave the boat slip or off load your boat from the trailer into the water. Removing or installing canvas on the water could be difficult as not all water conditions allow for your stability while attempting removal or installation.

Read and understand the effects of carbon monoxide in the Owner's Manual and how to ventilate your boat to prevent the build-up of this invisible gas.

Attached to the inside of the bimini top is a DANGER tag for Carbon Monoxide Gas (CO) buildup and WARNING tag for excessive speeds while canvas is installed.

The aft curtain also has a WARNING tag stating "The Aft Curtain is not designed to be used while engine is running or boat is underway". If your canvas does not have these tags, they become lost or are unable to be read, contact your dealer for replacement labels.

**! DANGER**  
EXHAUST FUMES FROM ENGINES  
CONTAIN DEADLY  
CARBON MONOXIDE GAS (CO)  
BOATS WITH CANVAS OR POOR  
VENTILATION ARE MOST LIKELY TO  
COLLECT FUMES. CO SICKNESS  
SYMPTOMS INCLUDE HEADACHE,  
NAUSEA AND DIZZINESS. DO NOT  
MISTAKE FOR SEA SICKNESS.  
VENTILATE BOAT. SEE BOAT OWNER'S  
MANUAL FOR MORE DETAILS.

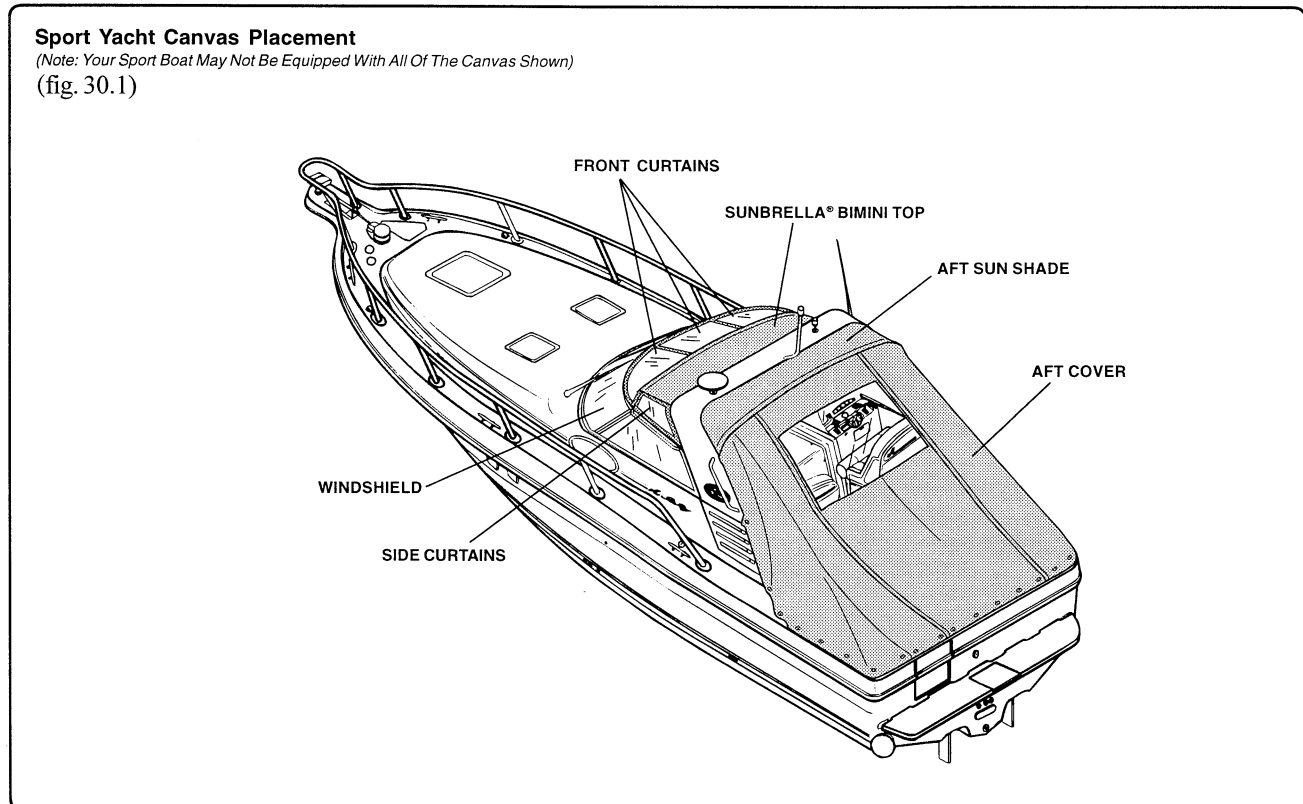
**! WARNING**  
SUNSHADE SHOULD  
NOT BE USED WHEN  
VESSEL SPEED EXCEEDS  
45 MPH

**! WARNING**  
THE AFT CURTAIN IS NOT  
DESIGNED TO BE USED  
WHILE ENGINE IS RUNNING  
OR BOAT IS UNDERWAY

Your Sea Ray® boat standard canvas set consists of the following pieces:

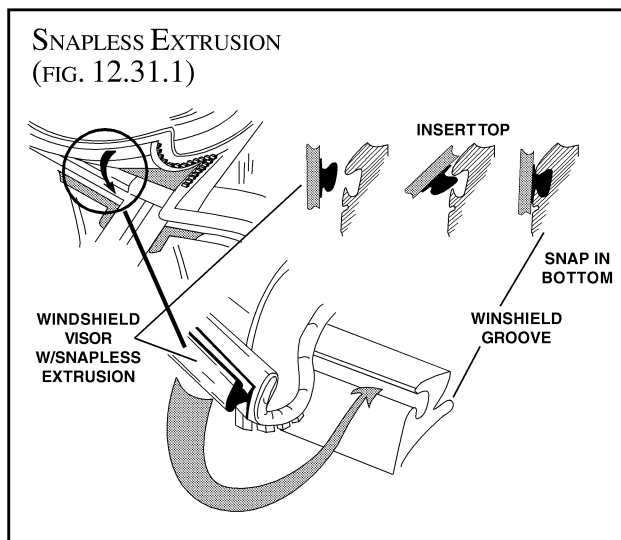
Sunbrella® Bimini Top w/  
Boot & Vertical Top  
Storage

Canvas Package:  
Front Curtains  
Side Curtains  
Aft Cover  
Canvas Storage Bag



- **Windshield Snapless Extrusion**

The snapless extrusion designed by Sea Ray® eliminates the need for snaps and provides a superb water barrier at the windshield frame area. On the bottom edge of the Windshield Visors and Side Curtains you will notice the snapless rubber extrusion. The extrusion fits into the top of the windshield frame. See the illustration for proper installation of the snapless extrusion into the windshield frame. To ease the installation of the extrusion, remember to partially zip the Windshield Visor and Side Curtains to relieve tension.



It is recommended for safety and ease of installation that two (2) or more people are available to install or remove the canvas set. Take time to familiarize yourself with the canvas piece(s) that you are to install or remove.

**⚠ WARNING**

**Bimini Top should not be used when the vessel speed exceeds 45 MPH. DO NOT have Bimini Top installed when trailering. Use Cockpit cover ONLY when trailering.**

## Trailering With Canvas

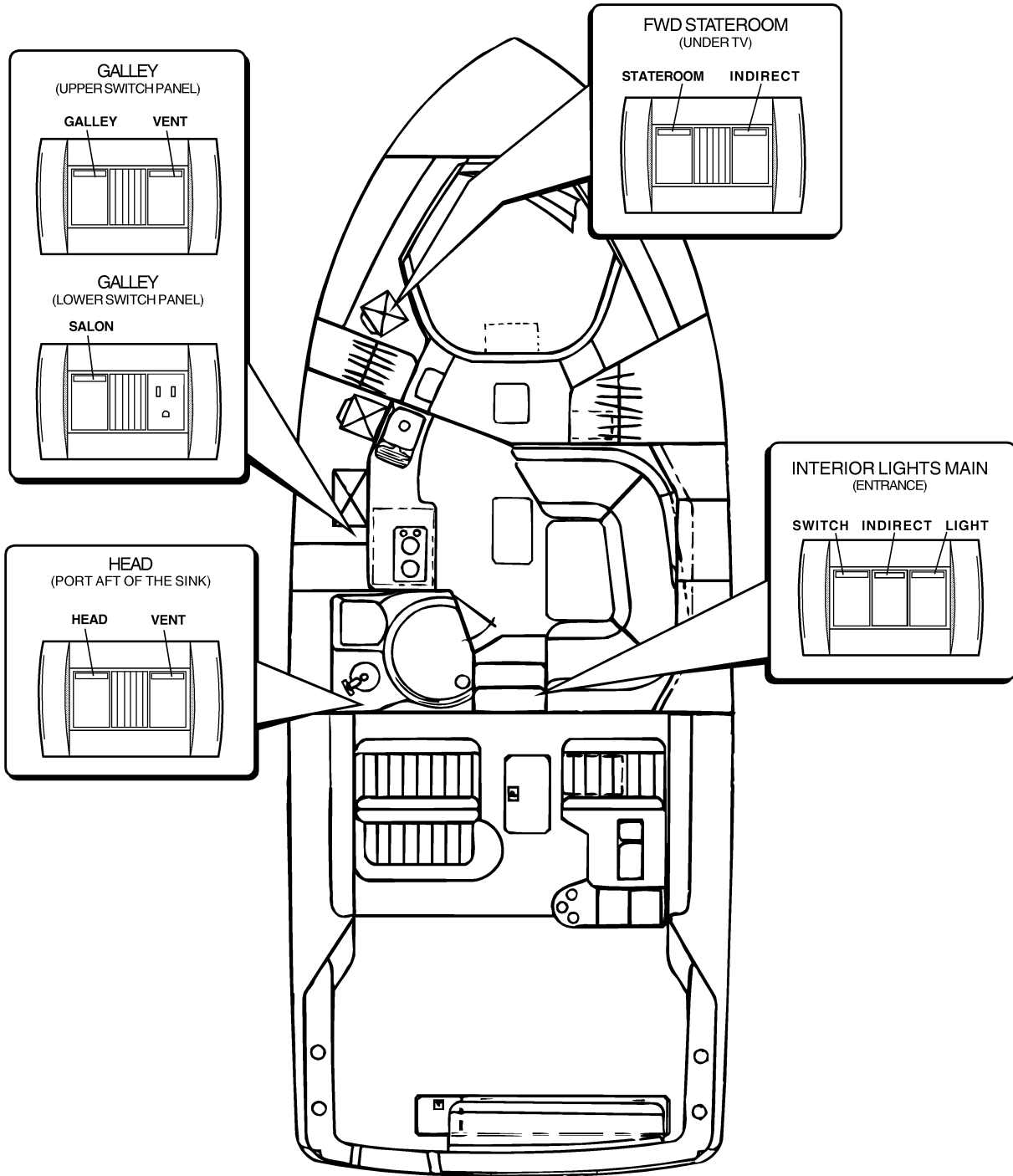
You may trailer your boat with the cockpit cover installed, however, a mooring cover must be installed over boat with tie down straps secure. The bimini top, side curtains and aft cover must be removed when trailering. Damage will occur to canvas and bows or boat if attached to boat while trailering.

**⚠ WARNING**

**To Avoid Entrapment Of Carbon Monoxide Gas, Remove Aft Cover or Camper Top Canvas Before Starting Engine and Operating Vessel .**

# Cabin & Cockpit Switch Location & Function

(FIG. 12.32.1)

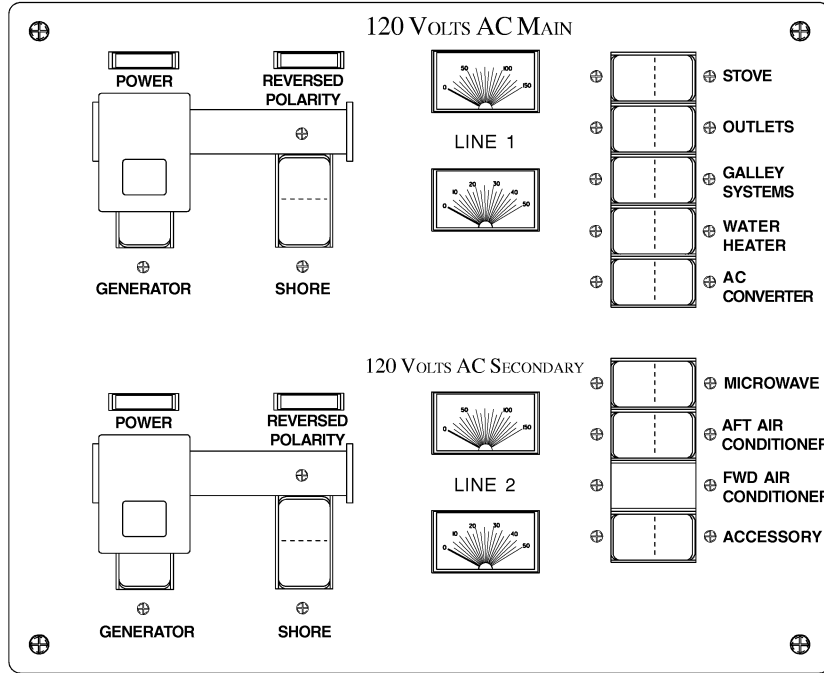




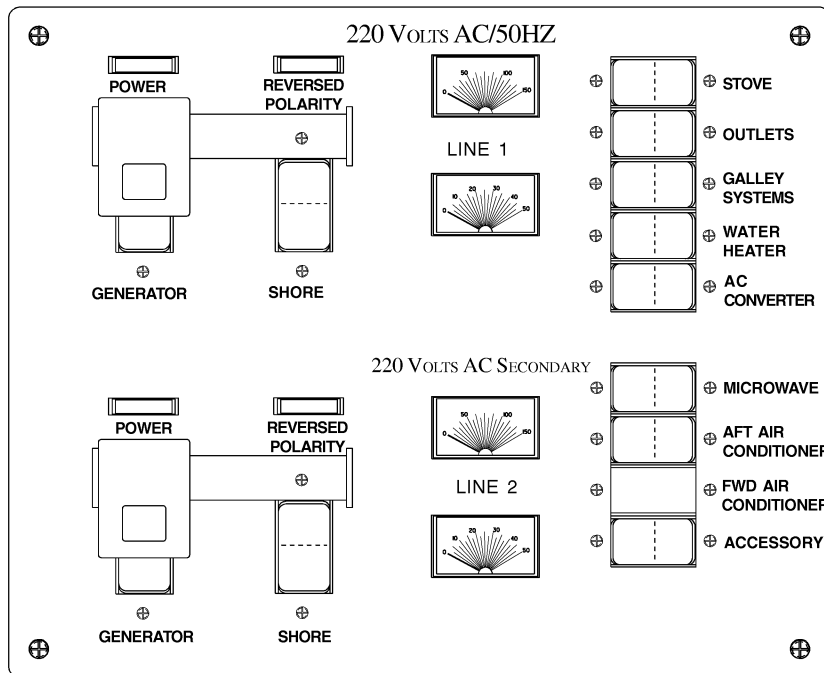
# AC Main Distribution Panel

(120 Volts AC & 220 Volt/50HZ Opt)

(FIG. 12.33.1)



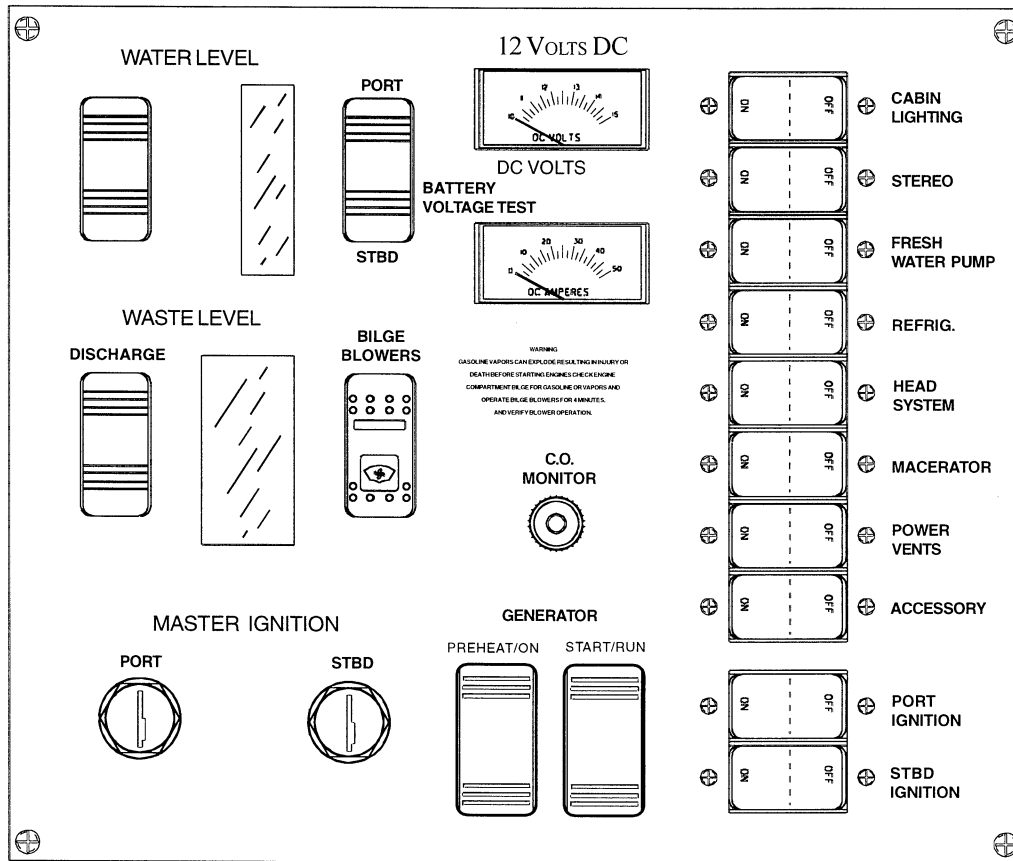
(FIG. 12.33.2)



# DC Distribution Panel

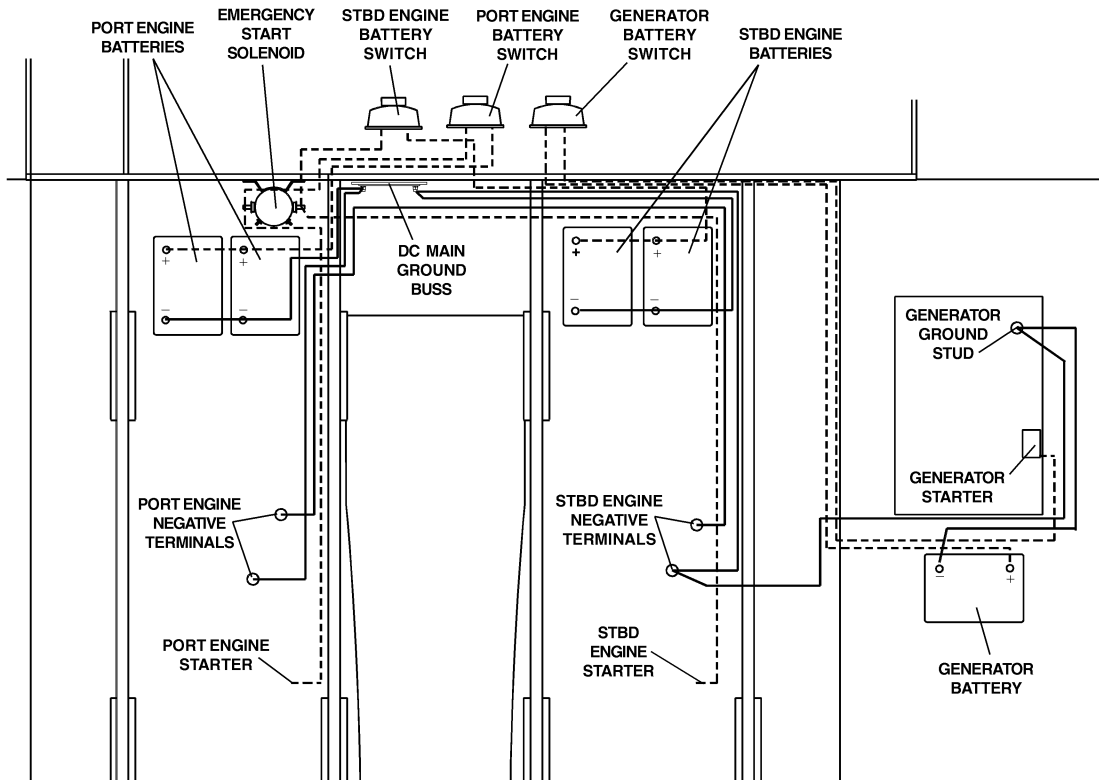
(12 Volts DC)

(FIG. 12.34.1)



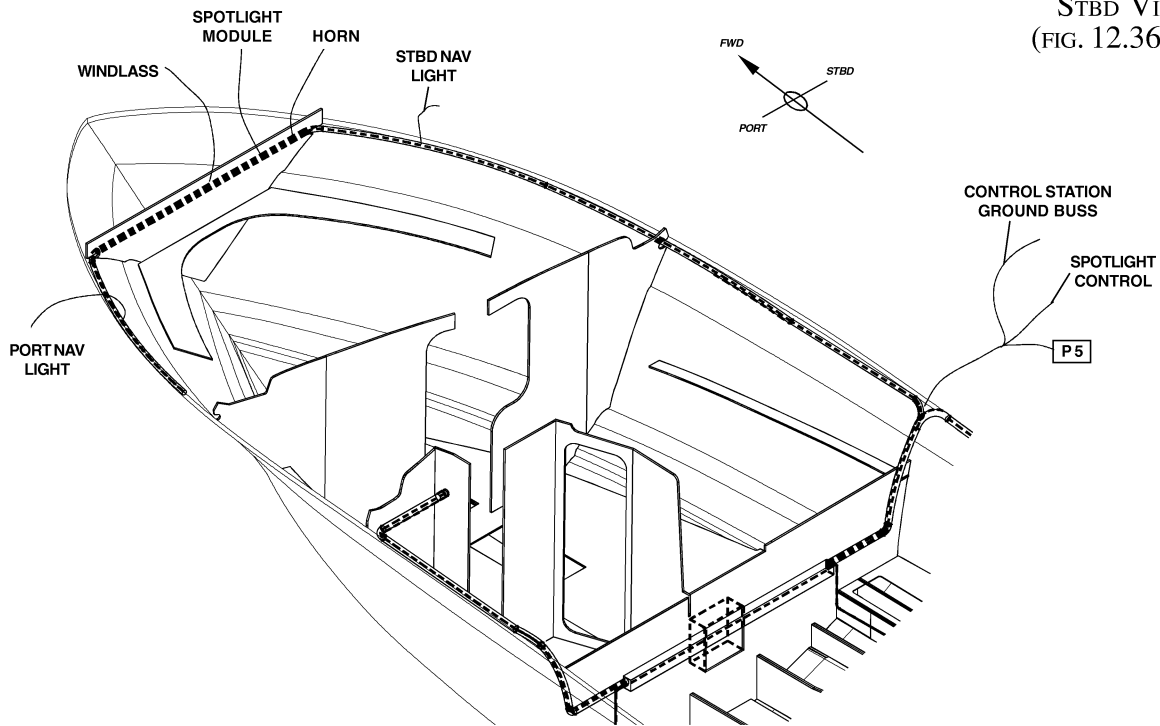
# Battery Cable Routing

(FIG. 12.35.1)

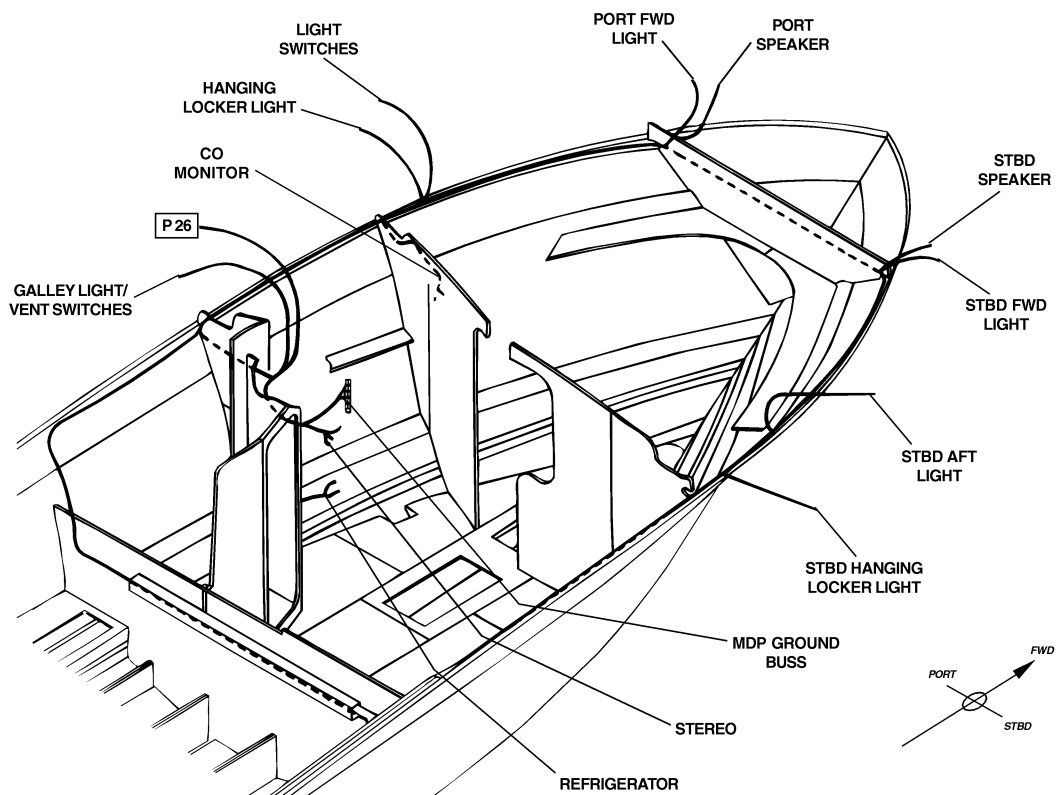


# Cabin Harness Installation

STBD VIEW  
(FIG. 12.36.1)

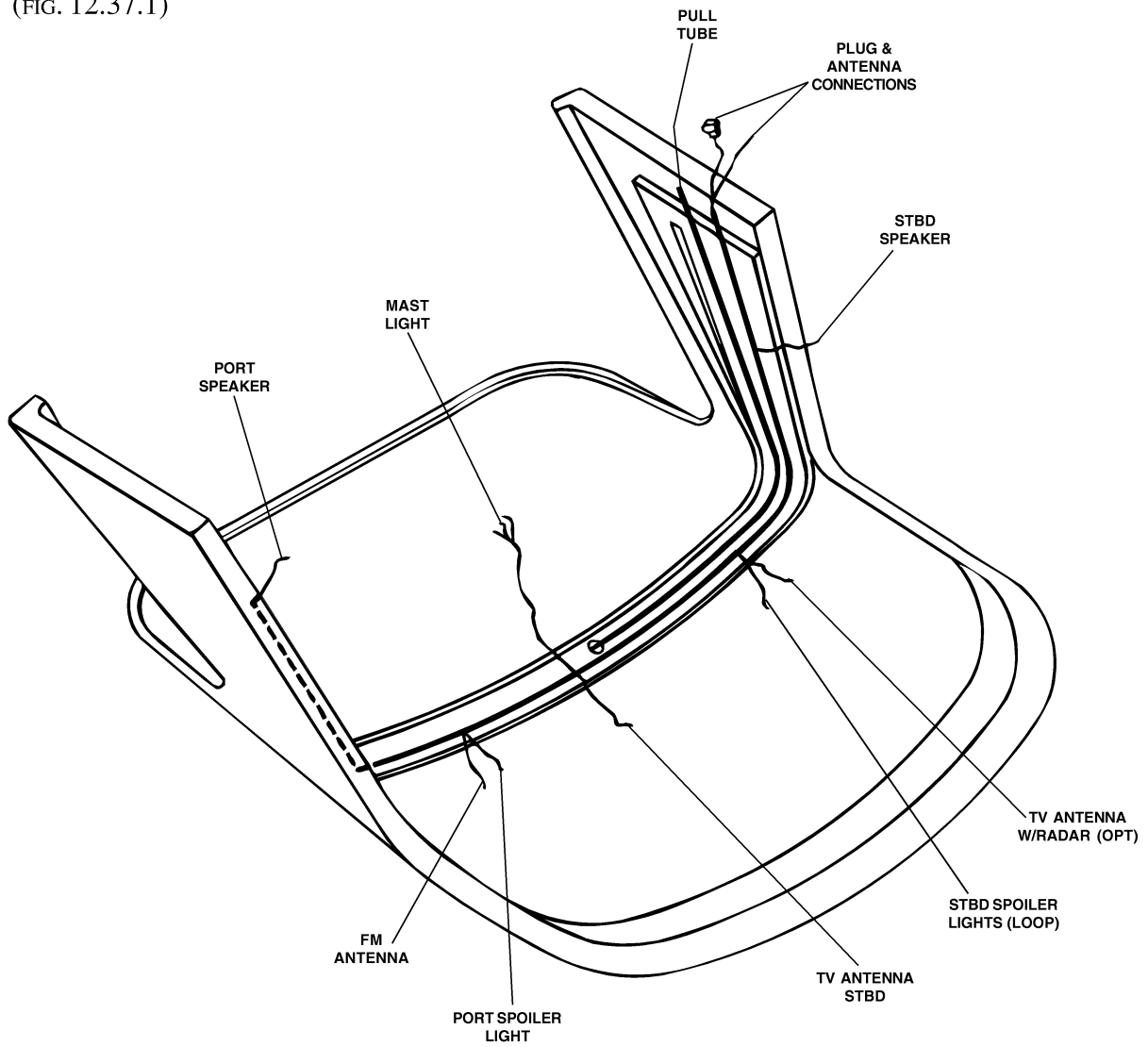


PORT VIEW  
(FIG. 12.36.2)



# Hardtop Harness Installation

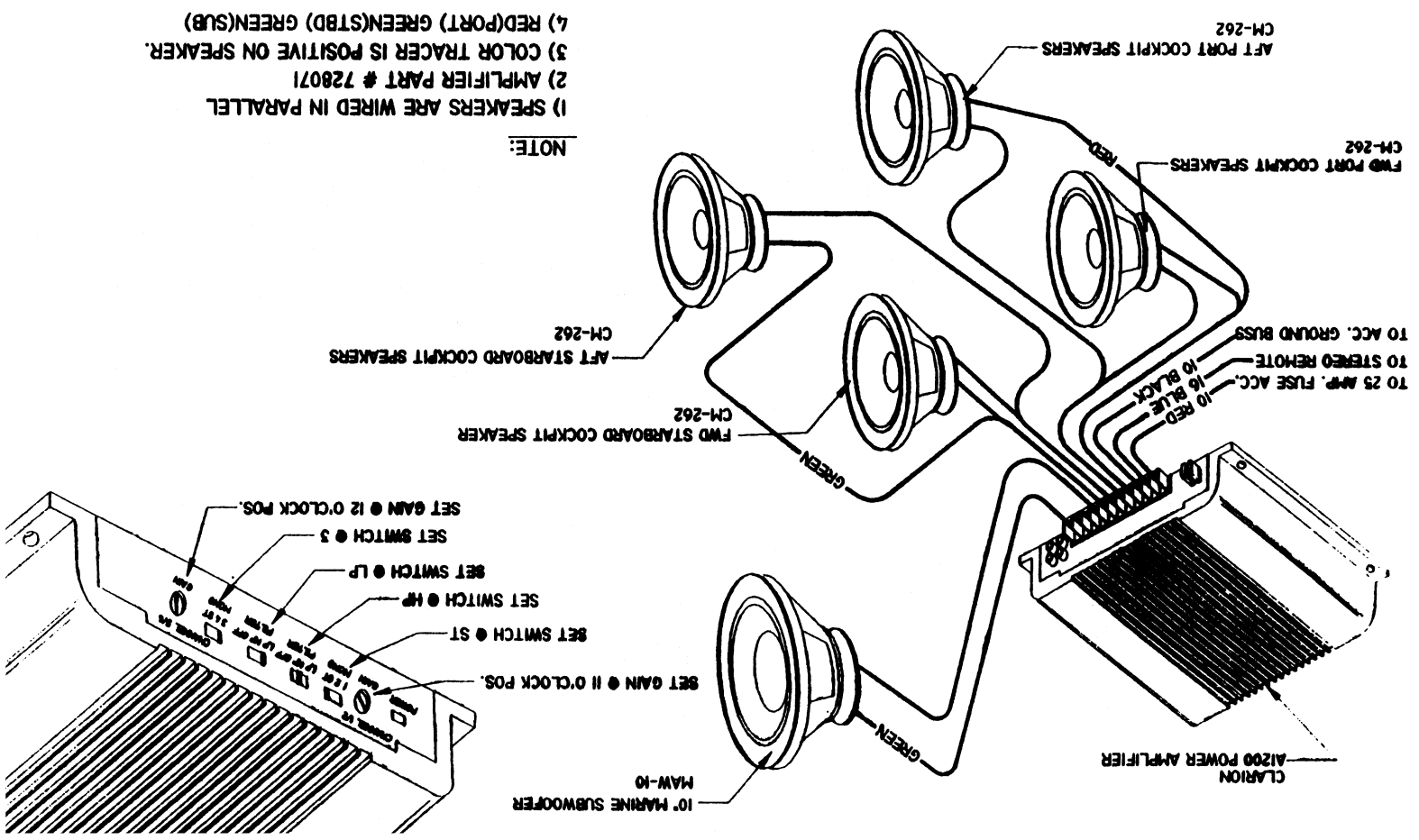
(FIG. 12.37.1)



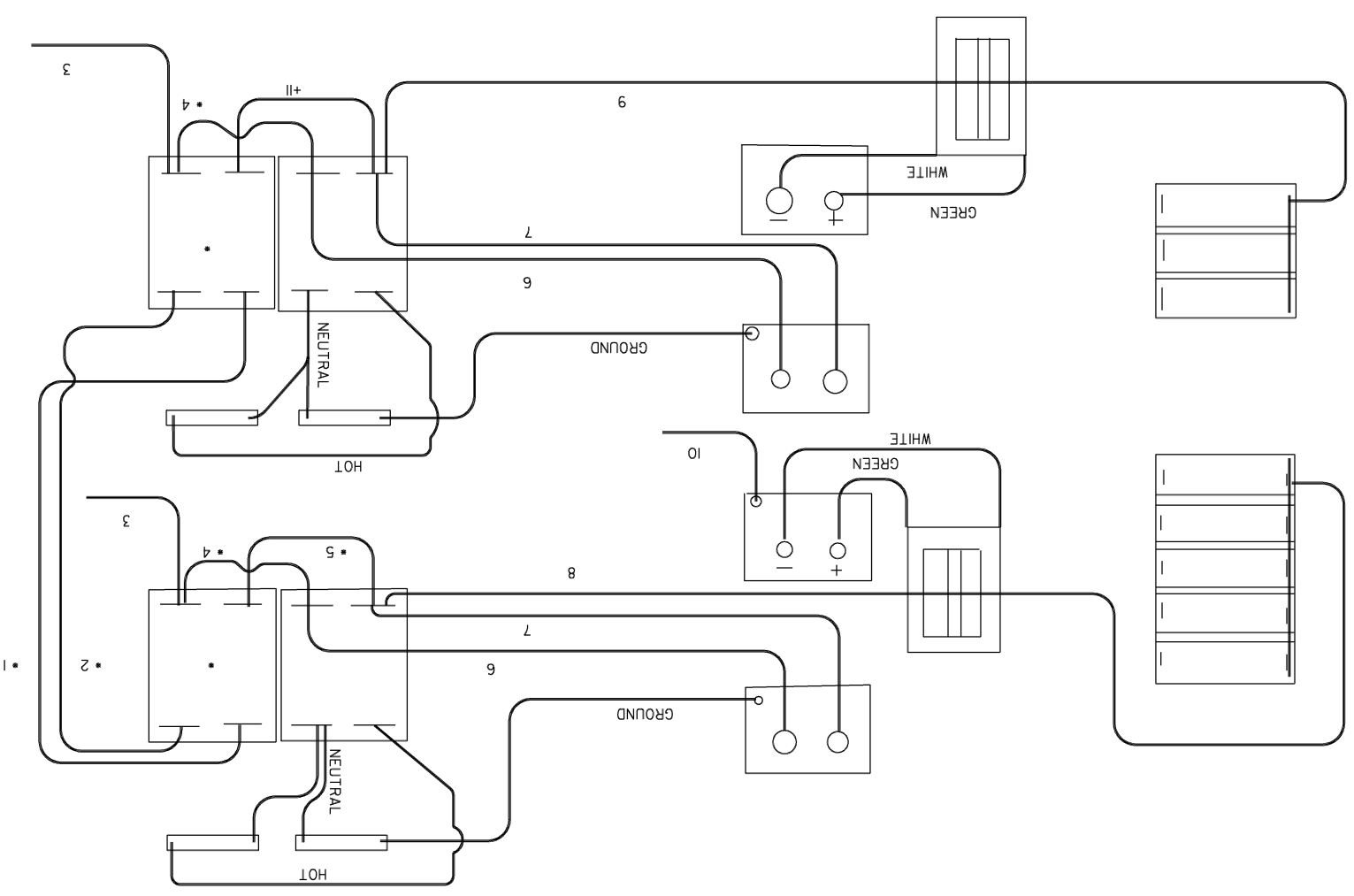


# PREMIER AMPLIFIER WIRING SCHEMATIC

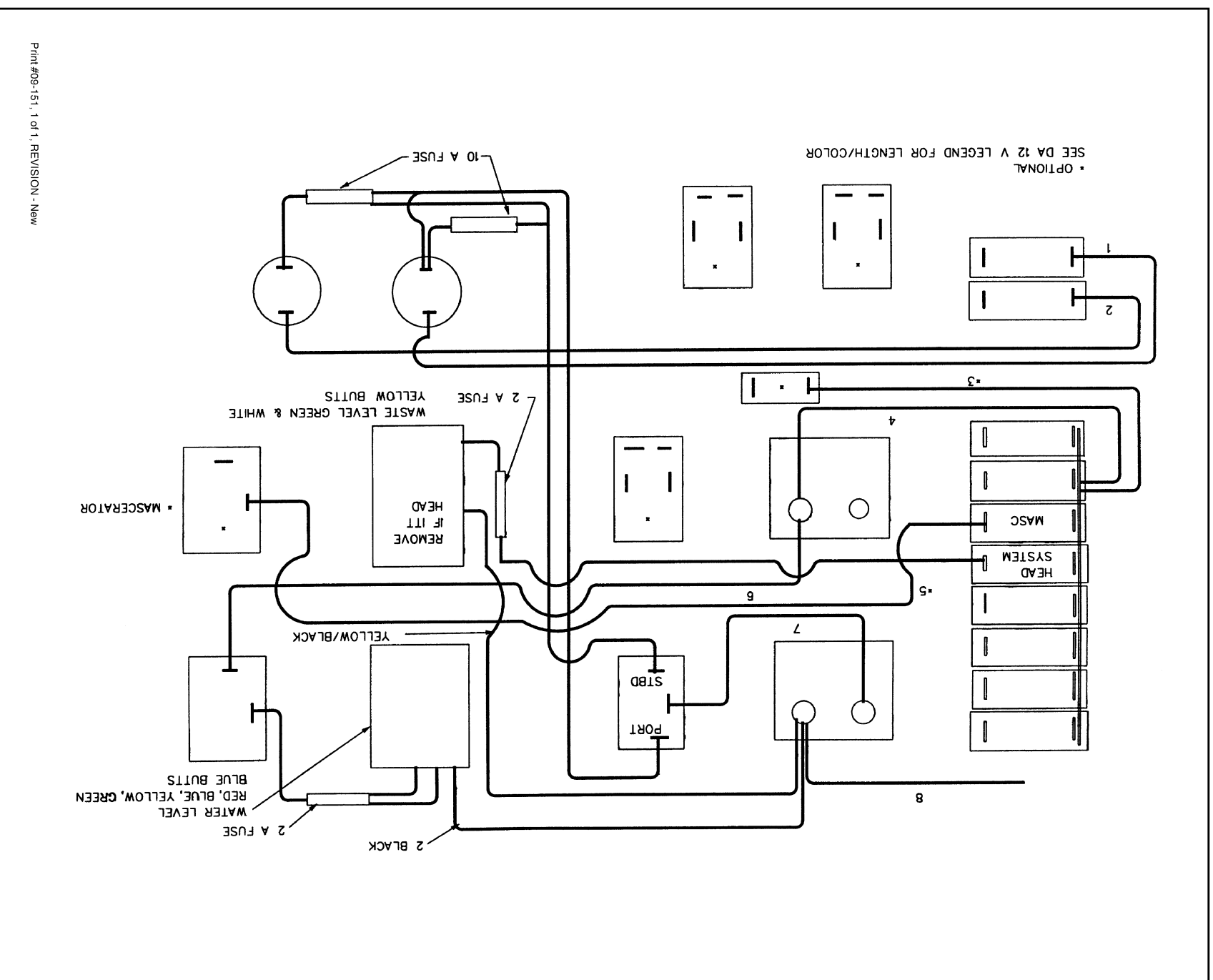
# 120/220 VOLT MDP PRE WIRING



**NOTE:**  
 1) SPEAKERS ARE WIRED IN PARALLEL  
 2) AMPLIFIER PART # 728071  
 3) COLOR TRACER IS POSITIVE ON SPEAKER.  
 4) RED(PORT) GREEN(STBD) GREEN(SUB)

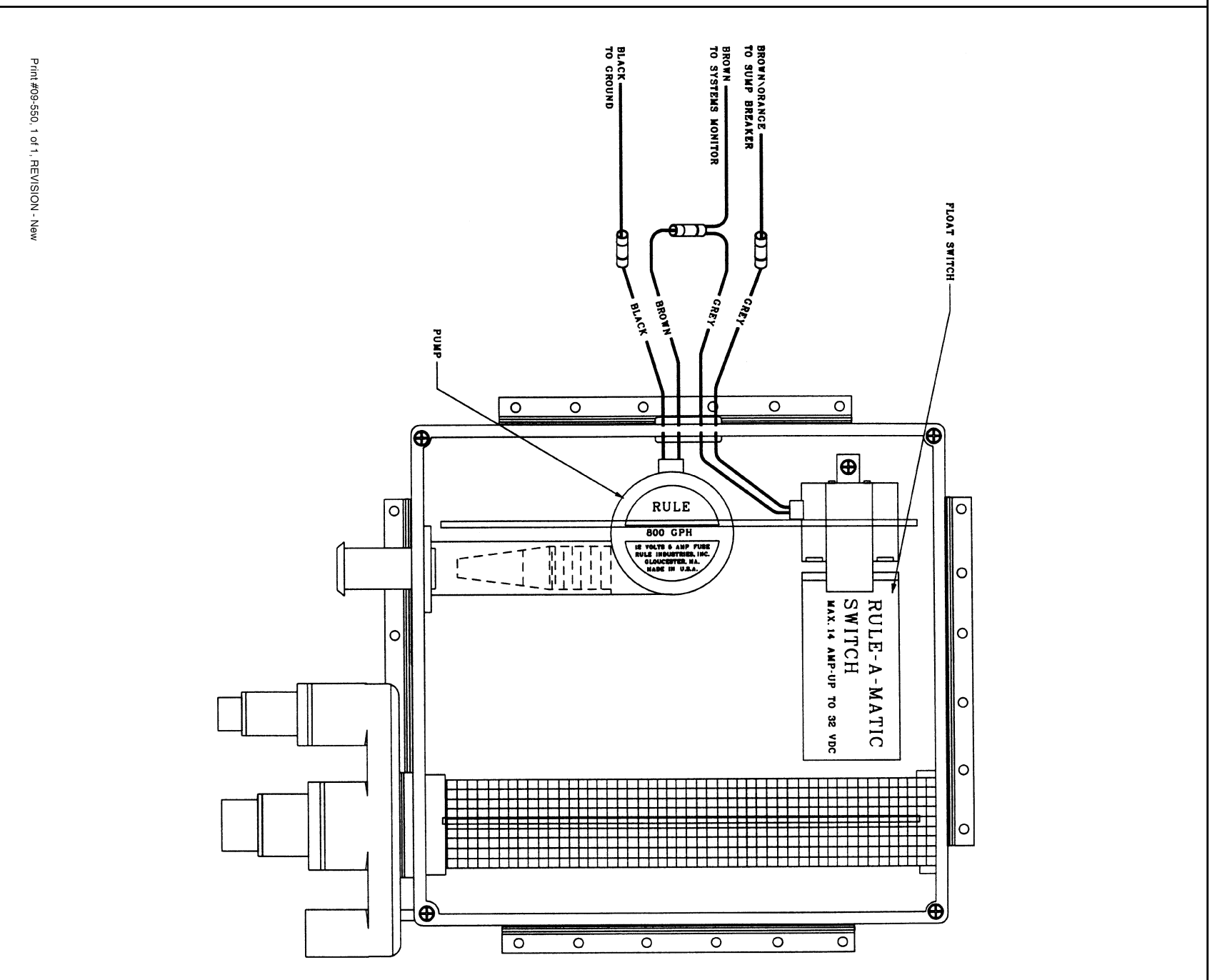


# 12 VOLT MDP PRE WIRING



Print#09-151, 1 of 1, REVISION - New

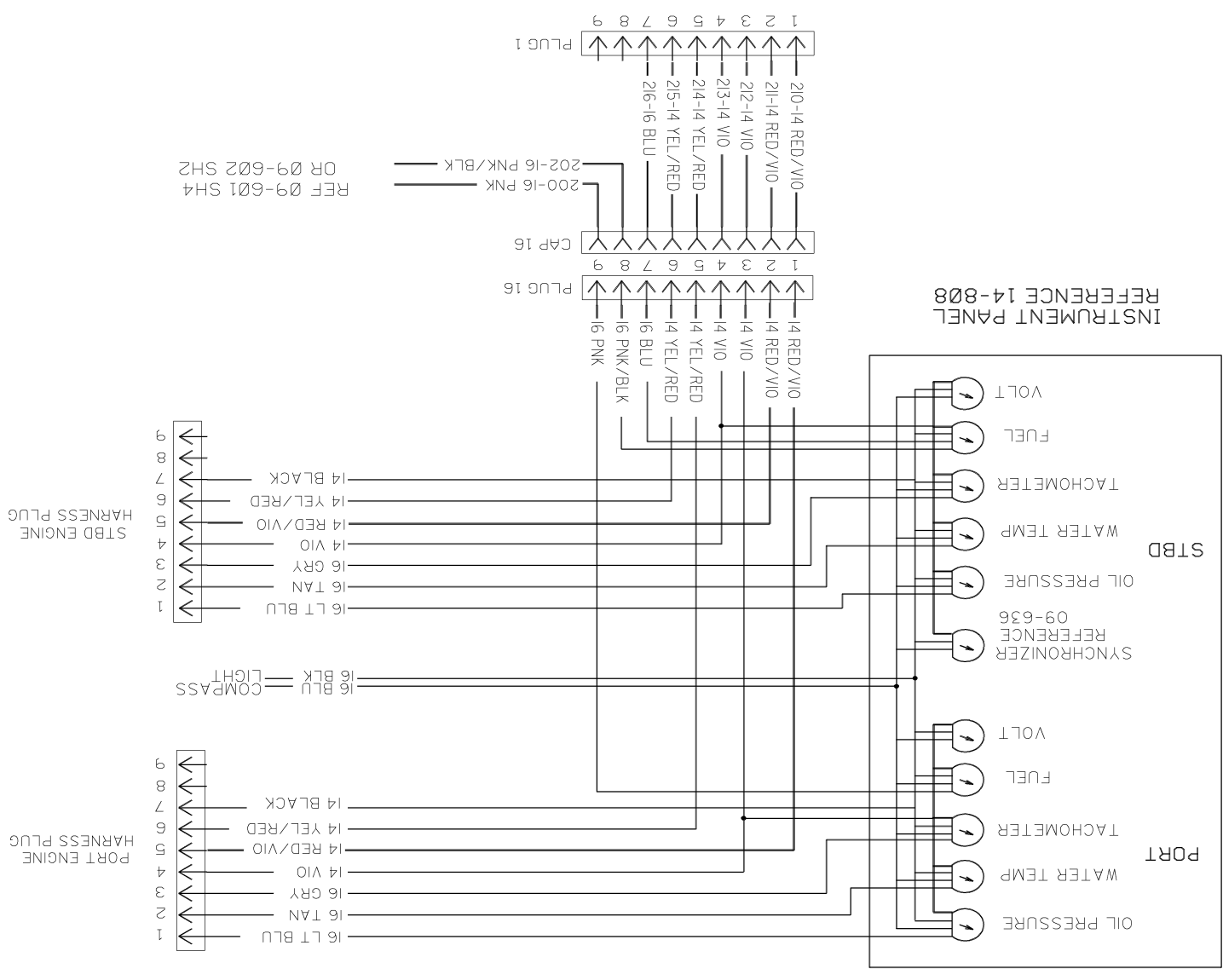
# SHOWER SUMP WIRING



Print#09-550, 1 of 1, REVISION - New

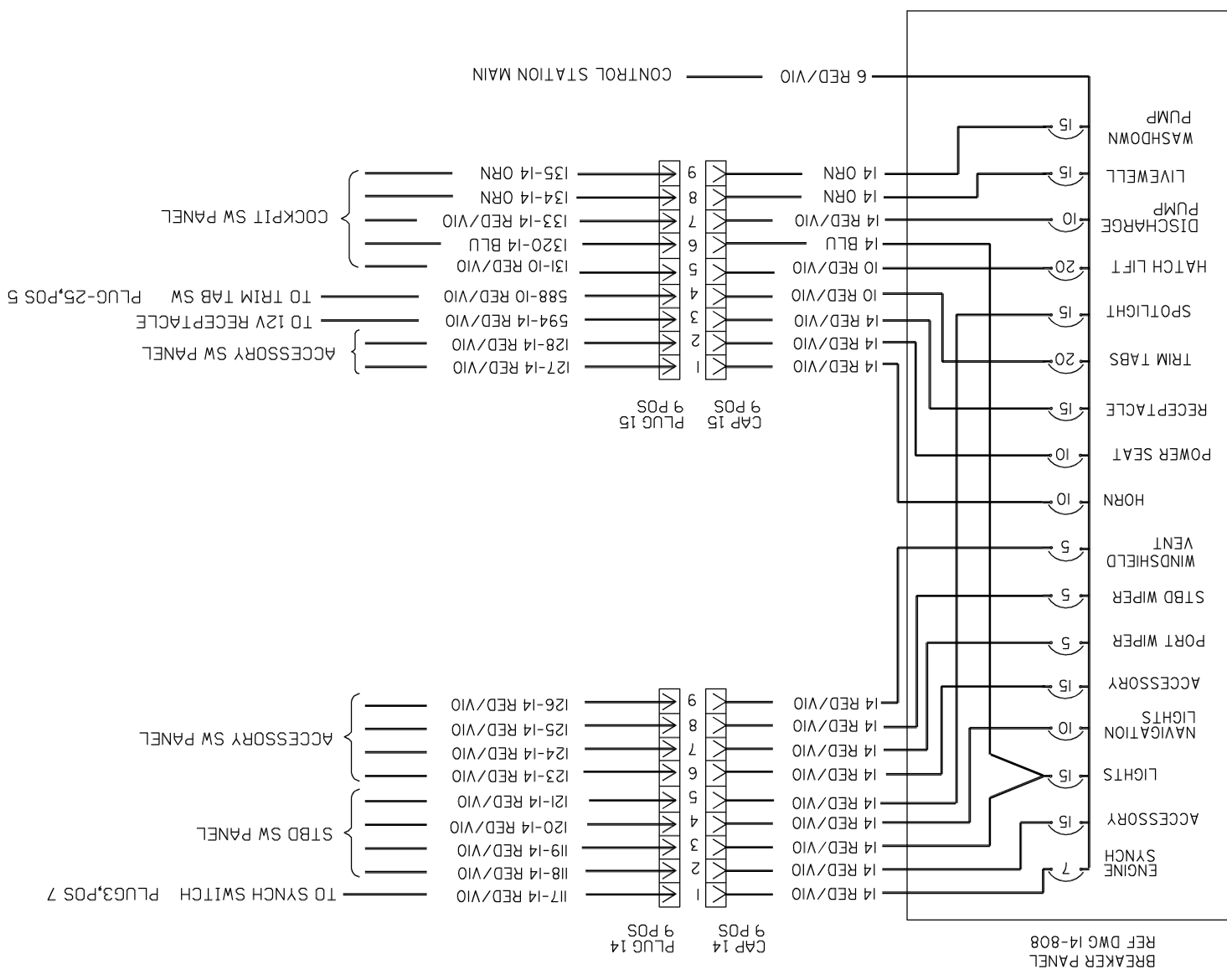


# DC WIRING SCHEMATIC (1 OF 4)



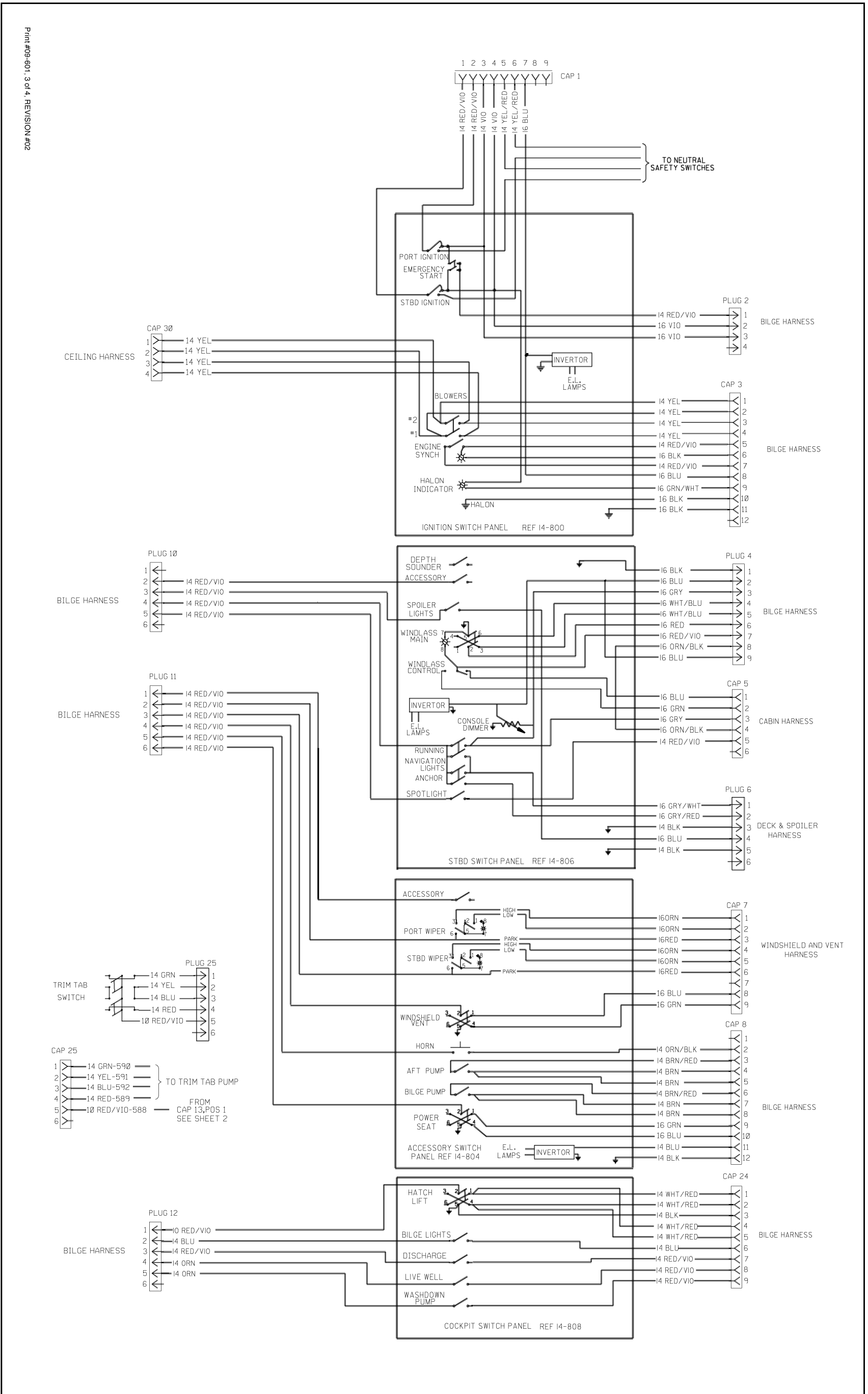
Print #09-601, 1 of 4, REVISION #0

# DC WIRING SCHEMATIC (2 OF 4)



Print #09-601, 2 of 4, REVISION #01

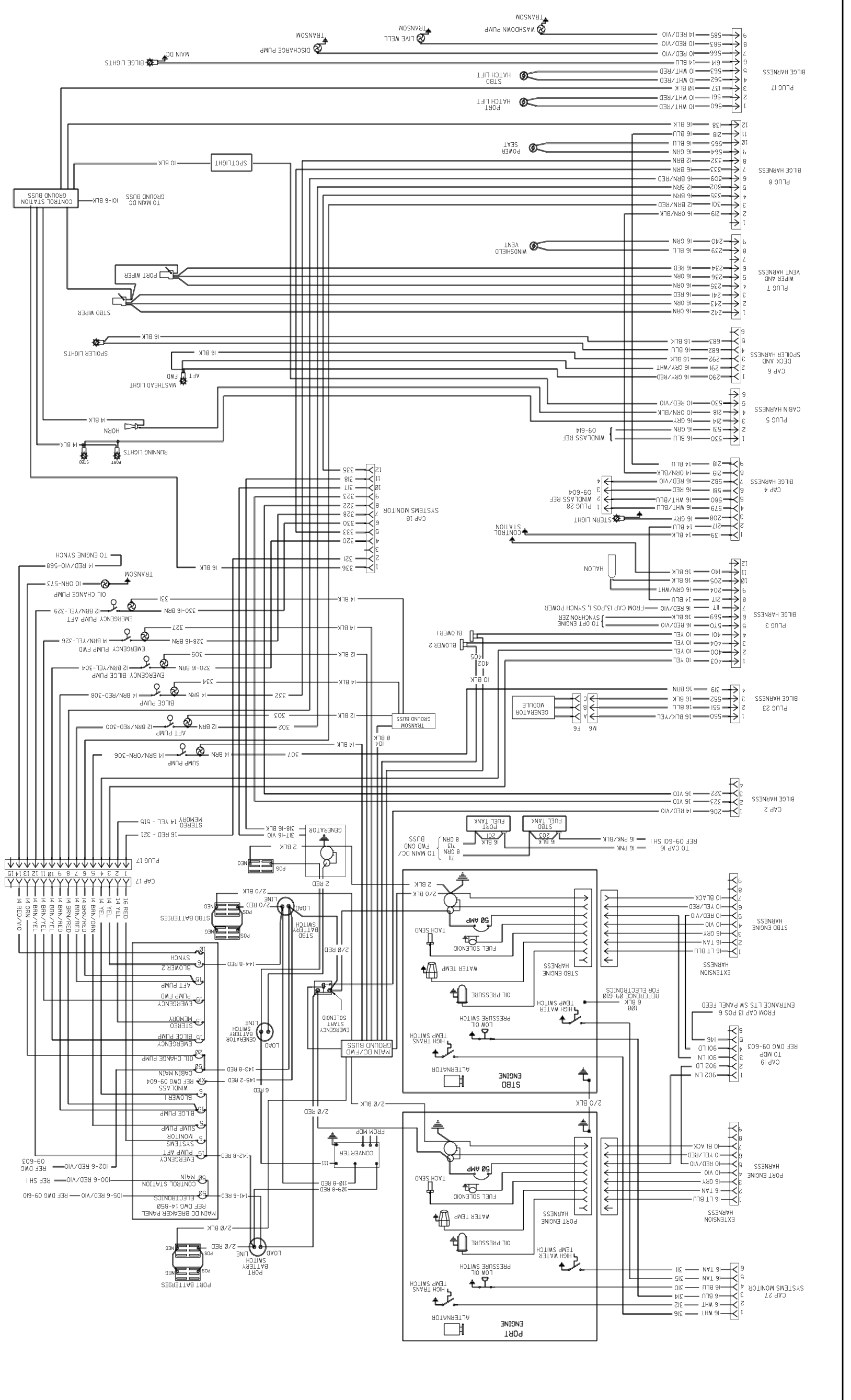
# DC WIRING SCHEMATIC (3 OF 4)



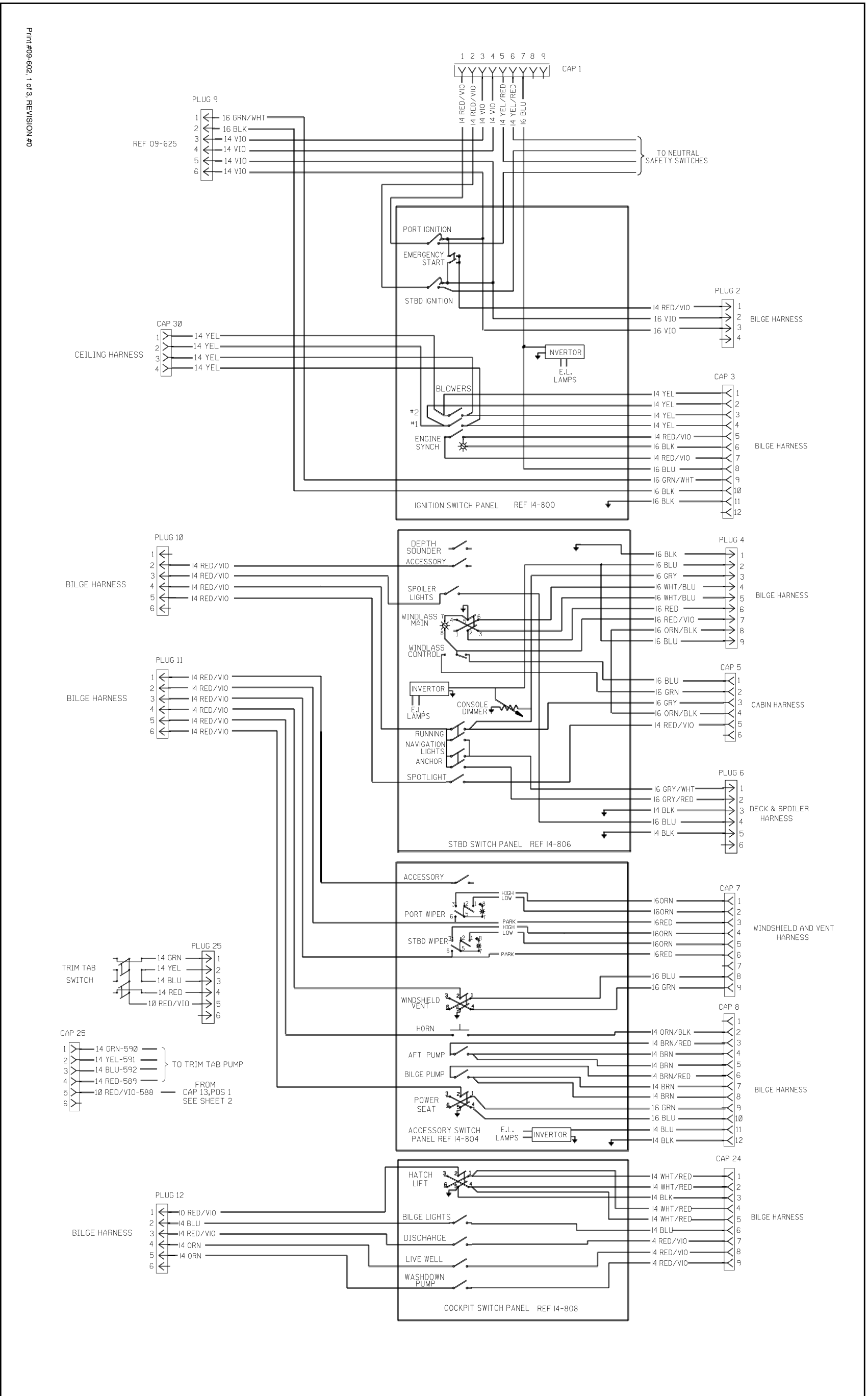
Print #09-501, 3 of 4, REVISION #02

# DC WIRING SCHEMATIC (4 OF 4)

Print #09-601, 4 of 4, REVISION #0

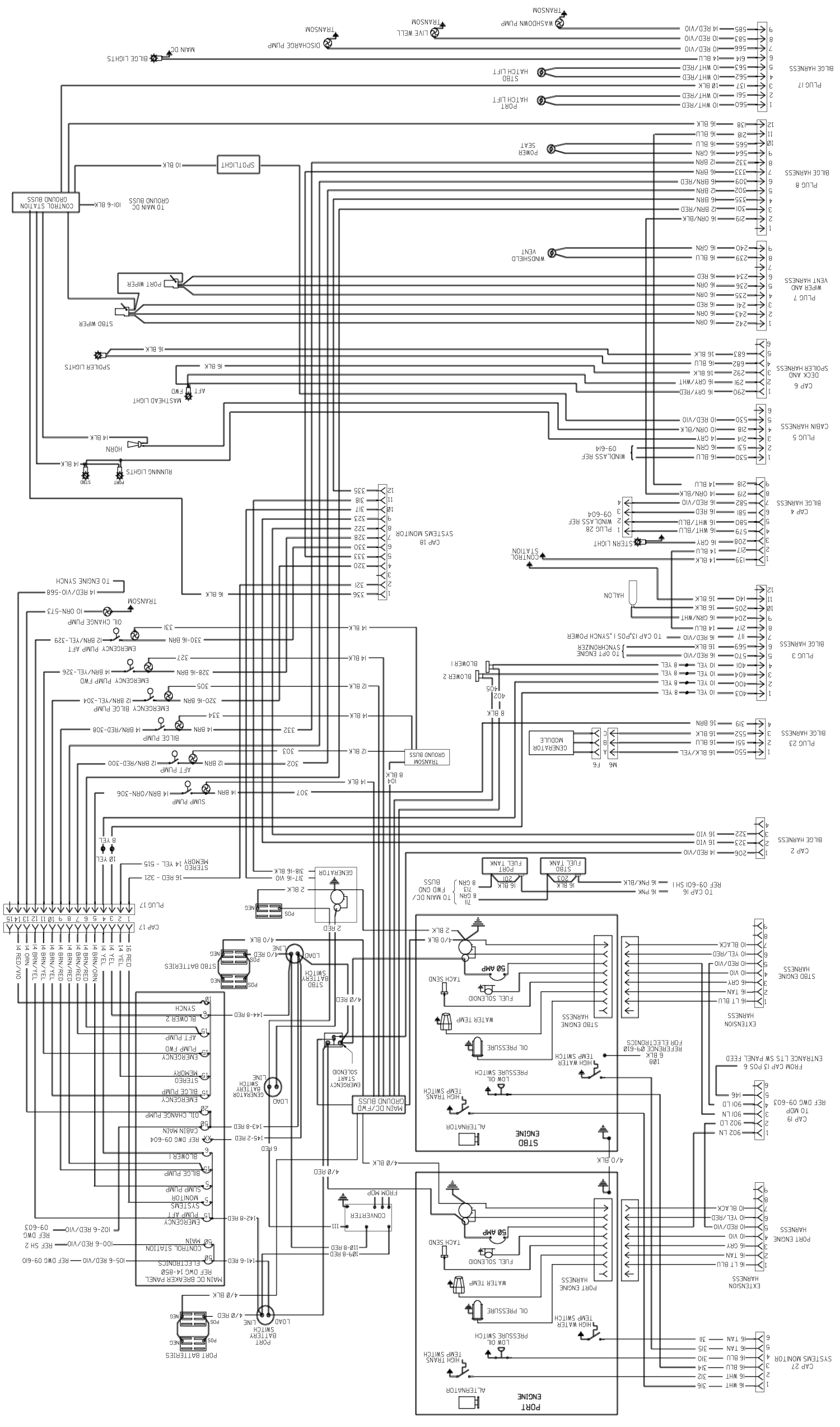


# DC WIRING SCHEMATIC (DIESEL) (1 OF 3)



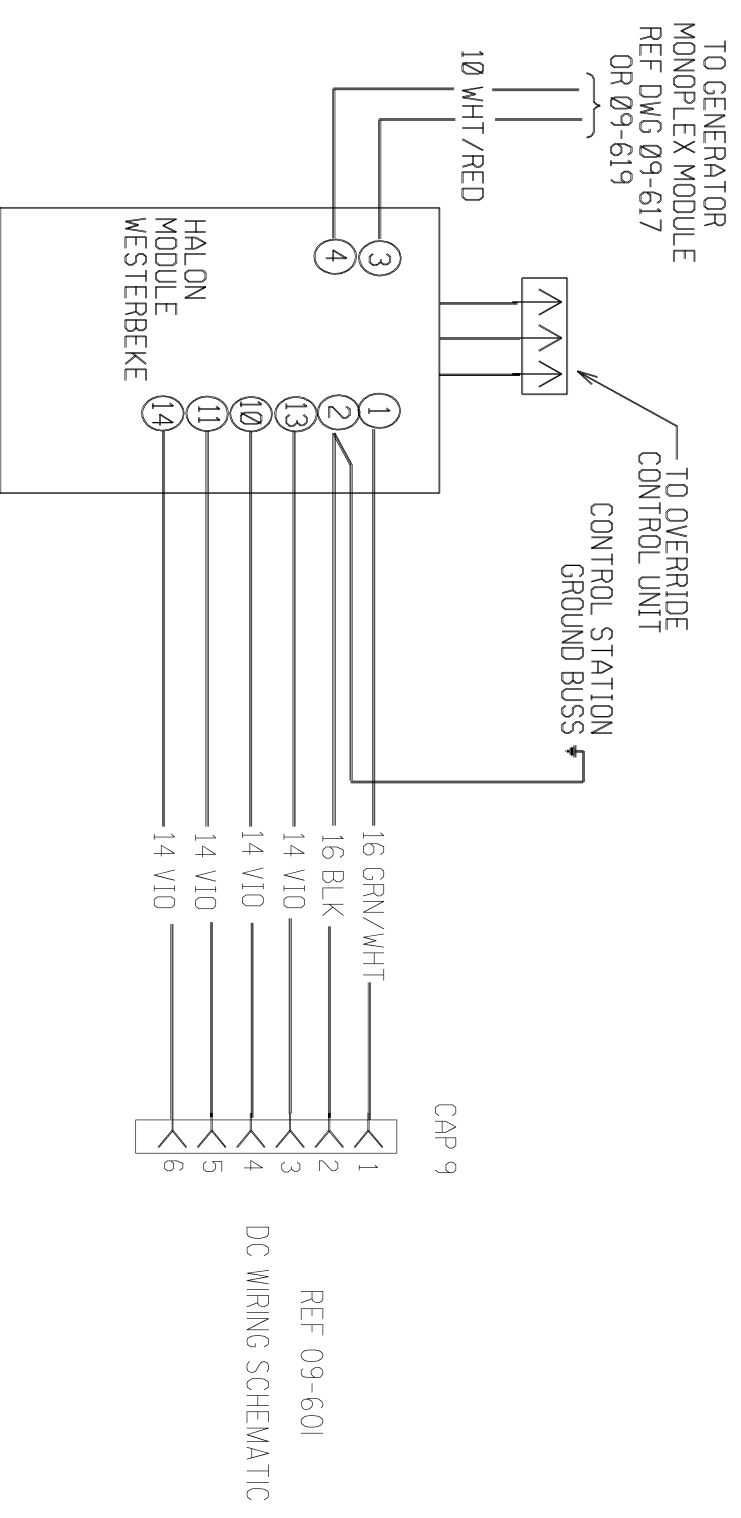
Print #09-602, 1 of 3, REVISION #0

# DC WIRING SCHEMATIC (DIESEL) (2 OF 3)



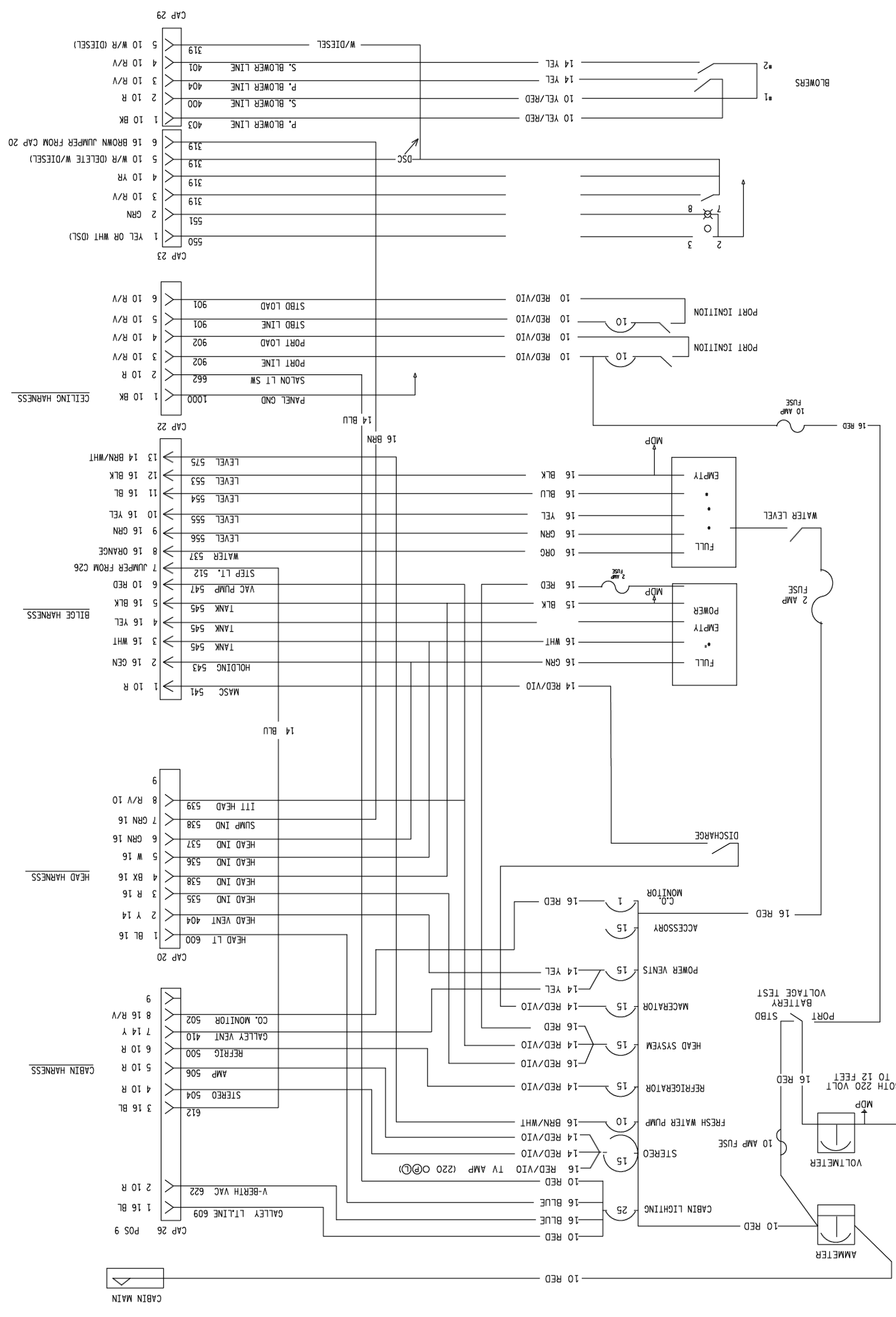
Print #09-602, 2 of 3, REVISION #01

# DC WIRING SCHEMATIC (DIESEL) (3 OF 3)



Print #09-602, 3 of 3, REVISION #0

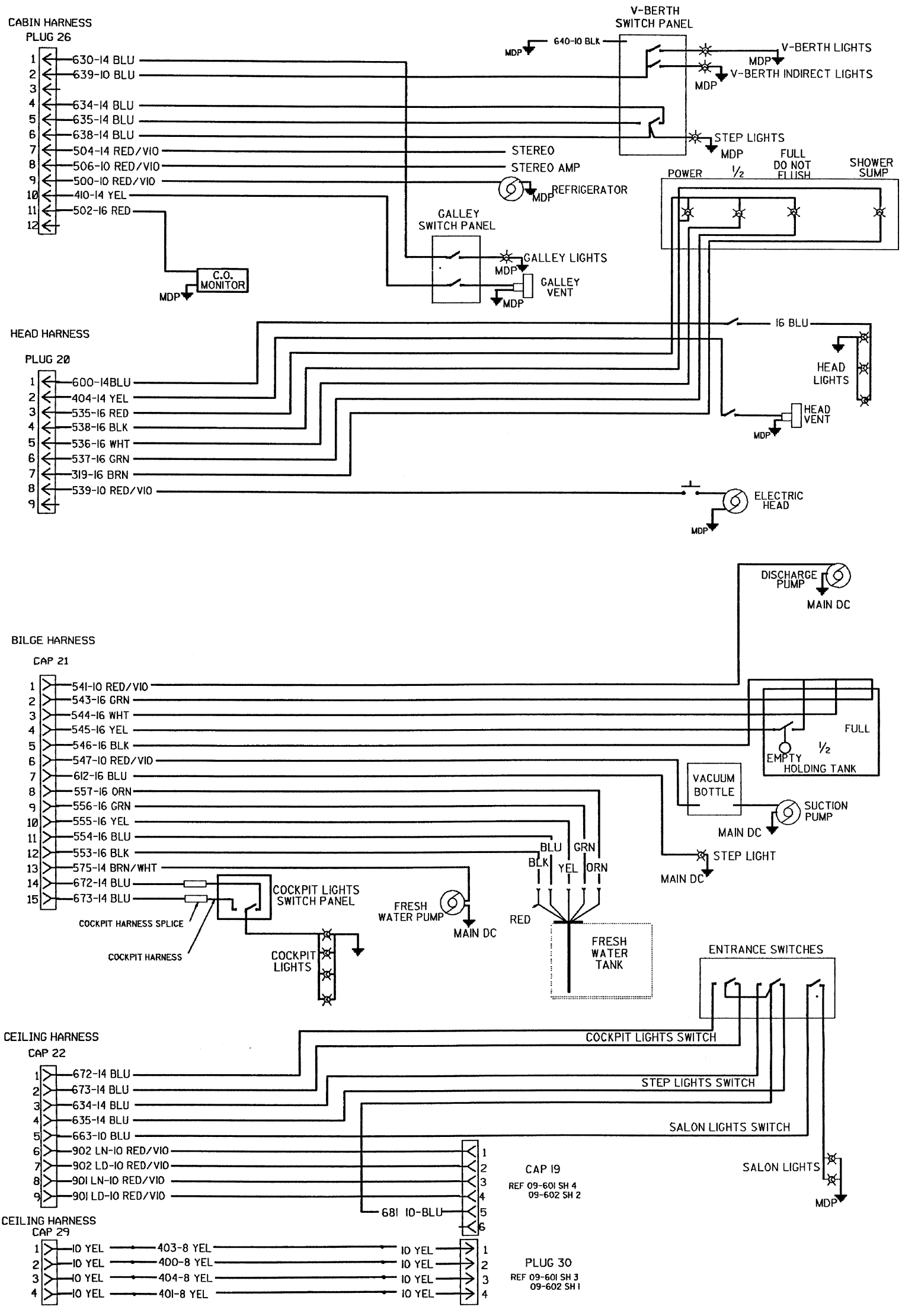
# CABIN DC WIRING DIAGRAM (1 OF 2)



Print #09-603, 1 of 2, REVISION #01

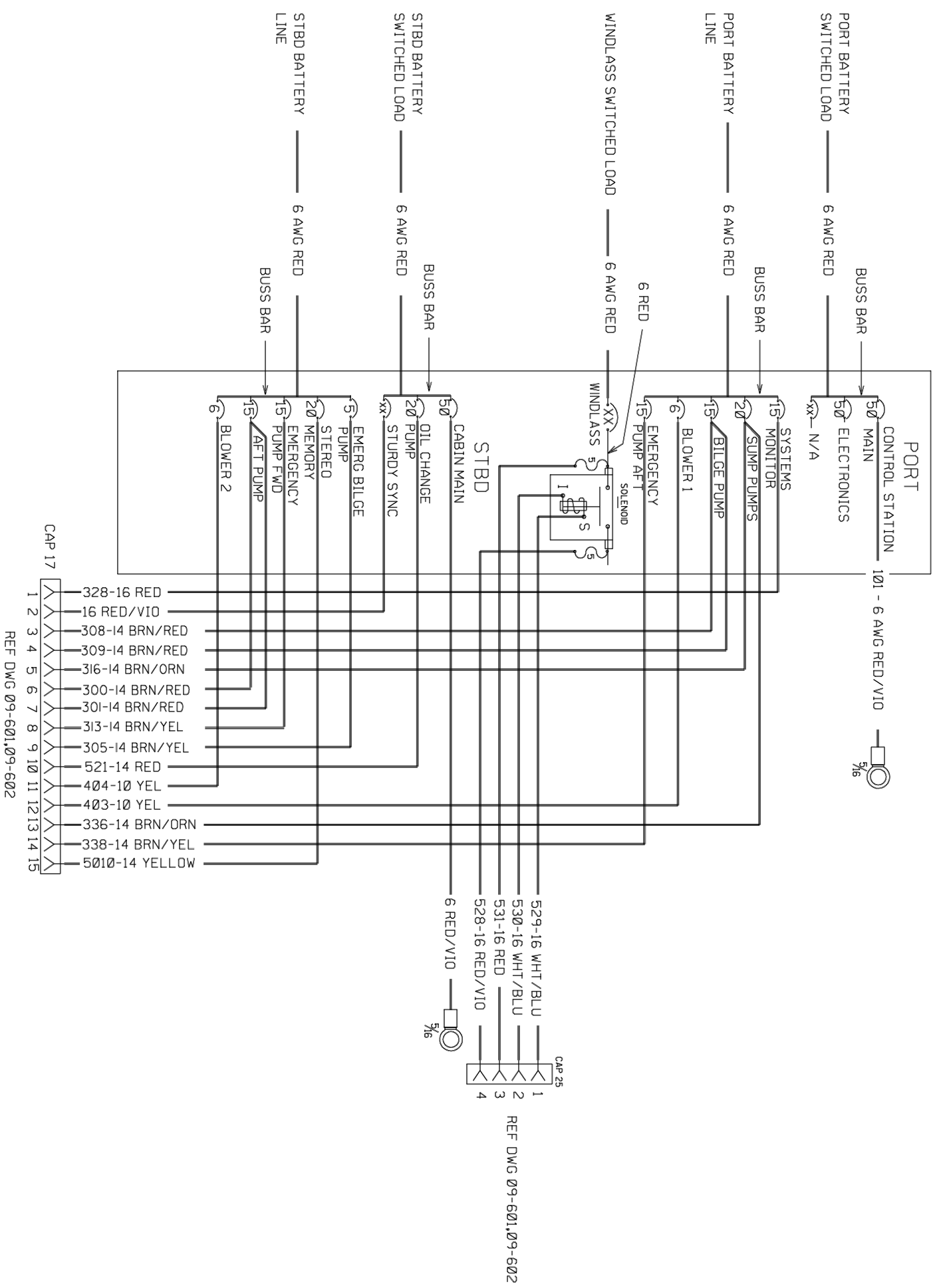
Print#09-603, 2 of 2, REVISION#01

CABIN DC WIRING DIAGRAM (2 OF 2)





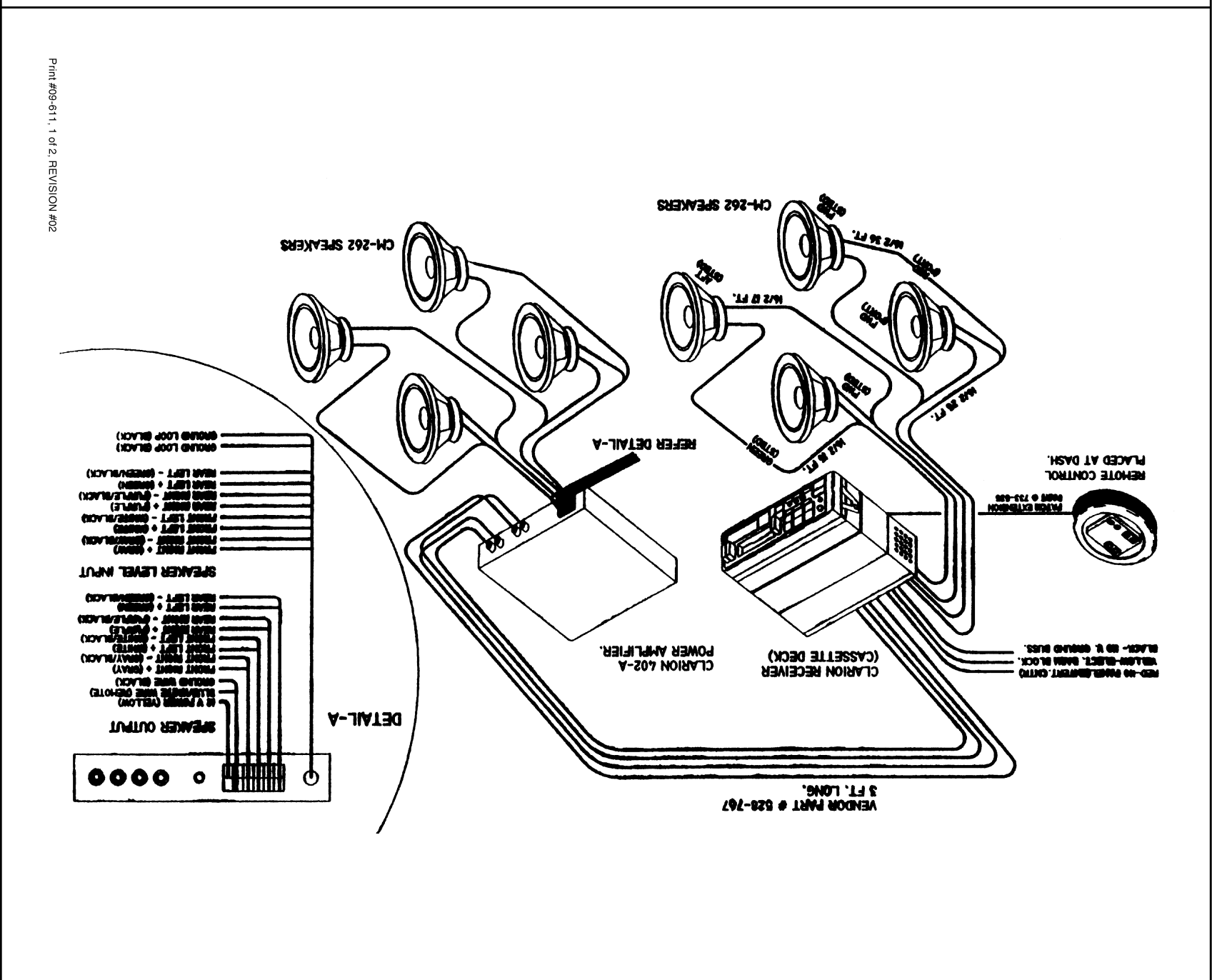
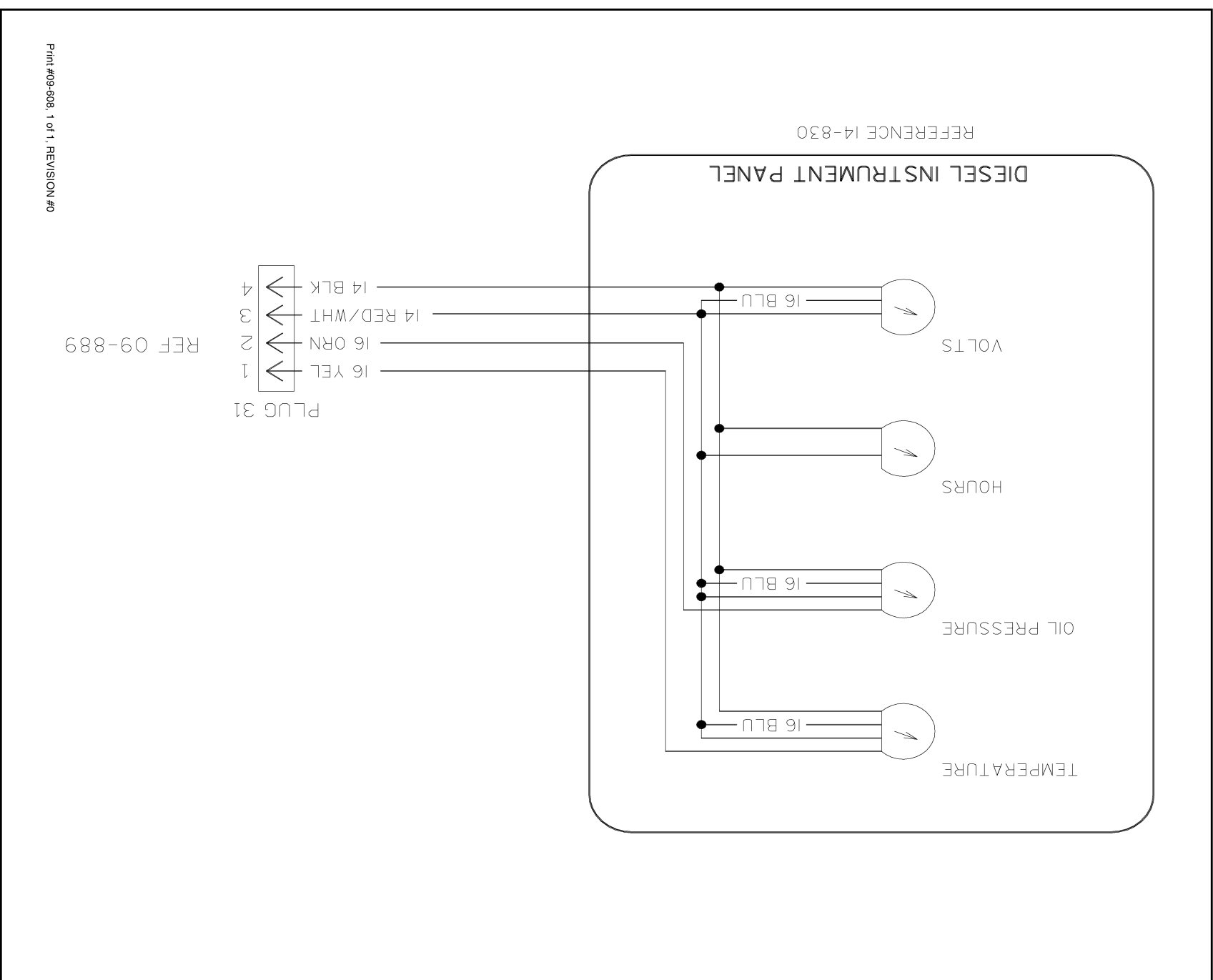
# MAIN DC BREAKER PANEL WIRING SCHEMATIC



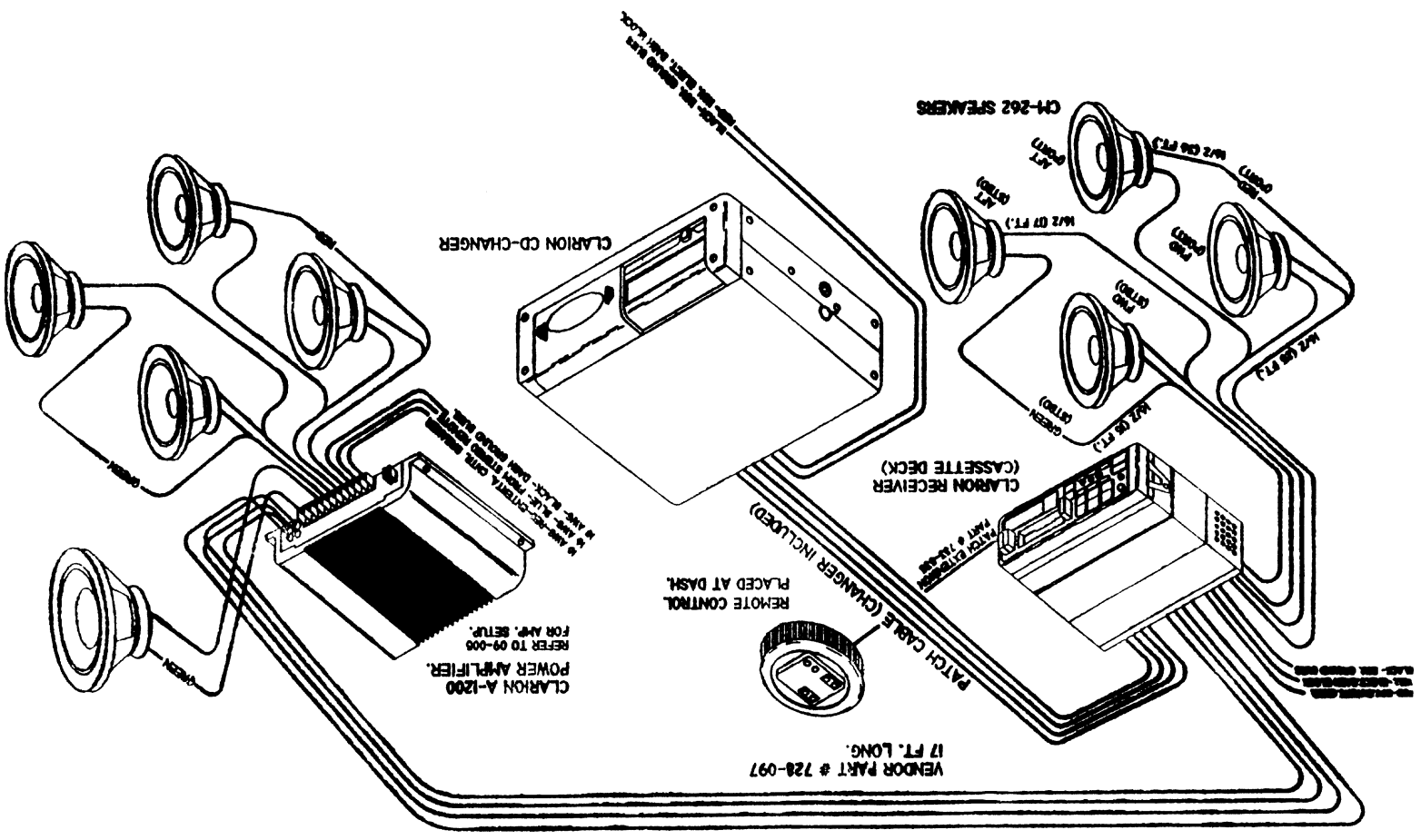
Print #09-605, 1 of 2, REVISION - New

# GENERATOR INSTRUMENT PANEL SCHEMATIC (DIESEL)

# STEREO WIRING (STANDARD)

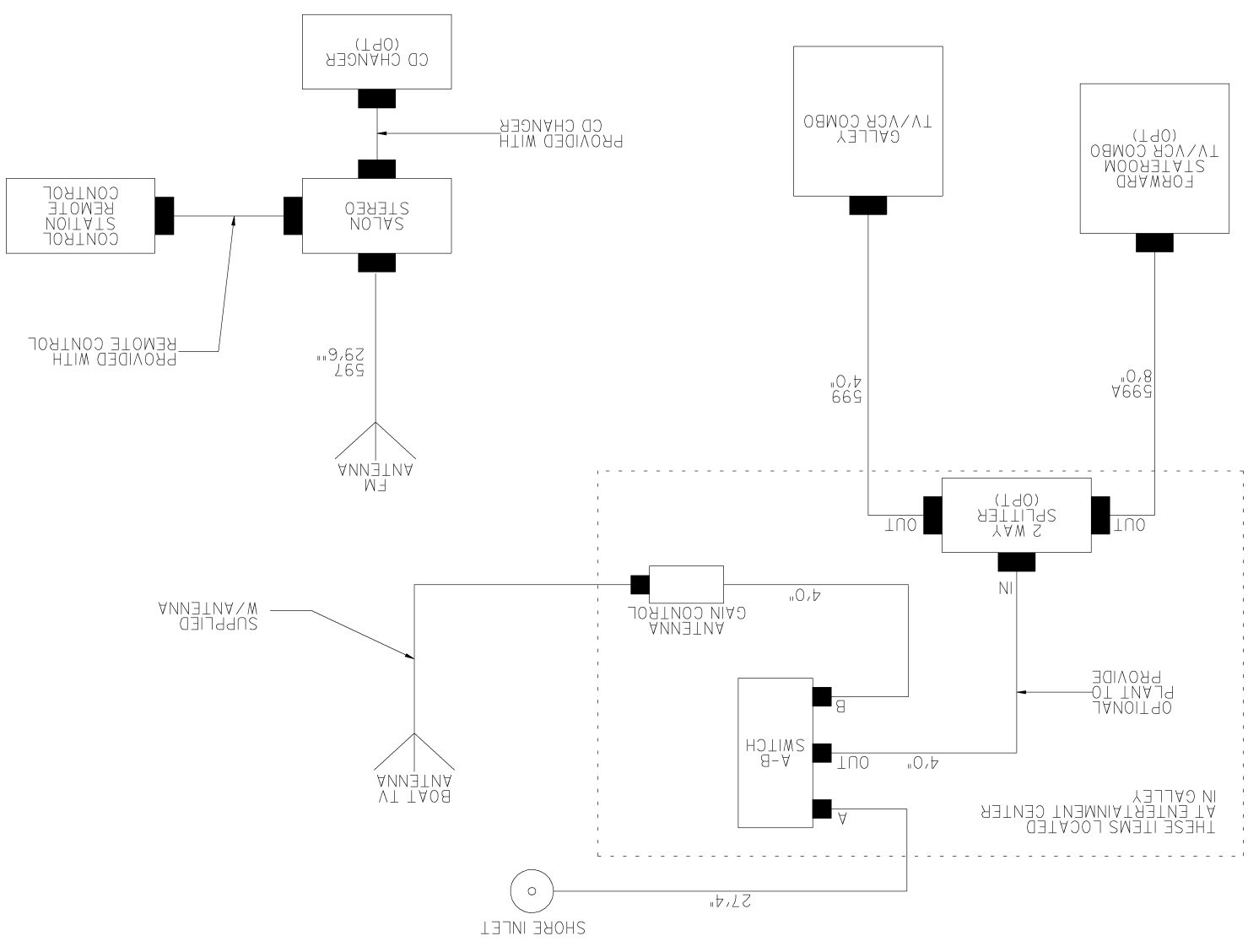


# STEREO WIRING (PREMIER OPTION)



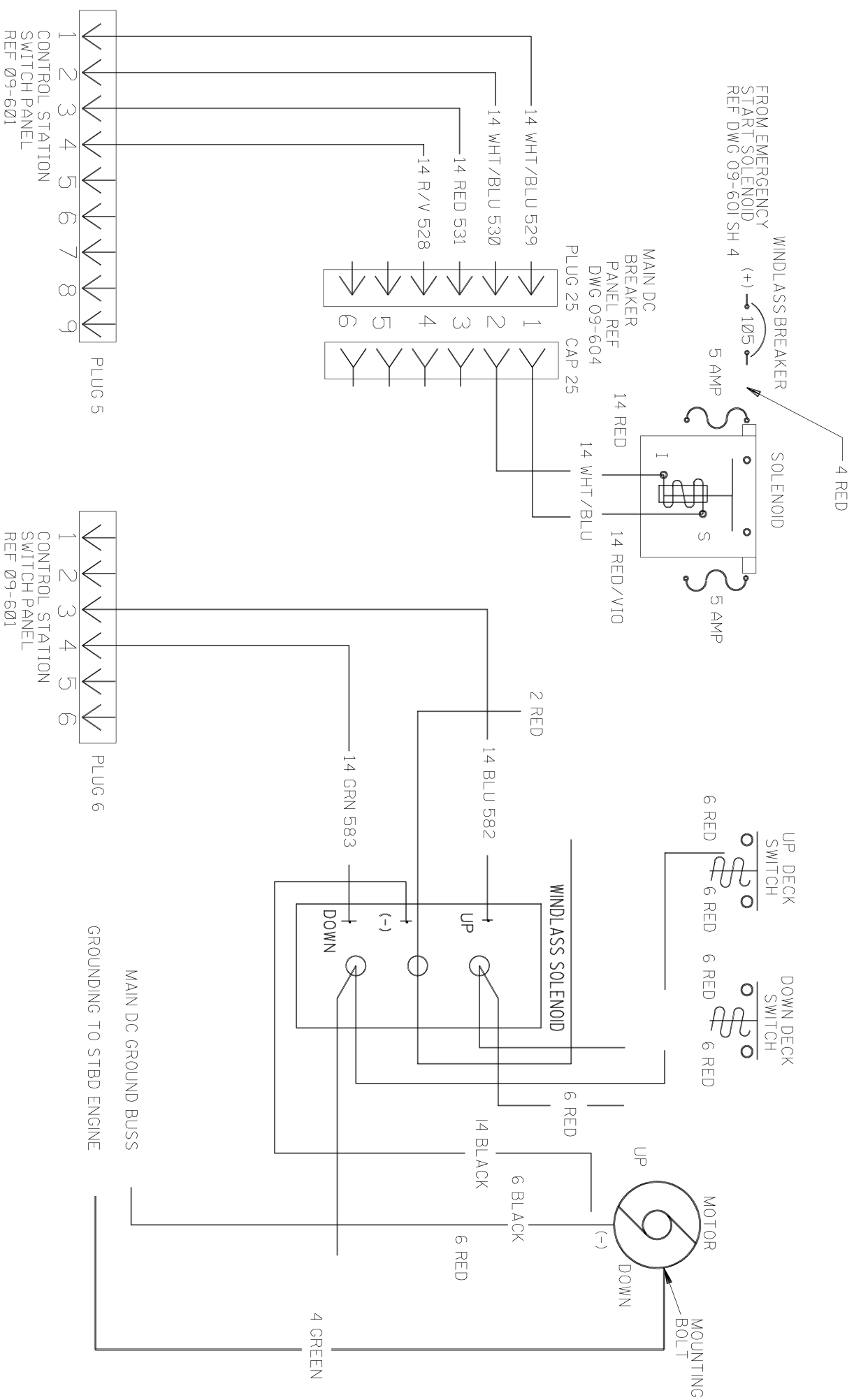
Print #09-611, 2 of 2, REVISION - New

# TV & STEREO COAXIAL WIRING SCHEMATIC

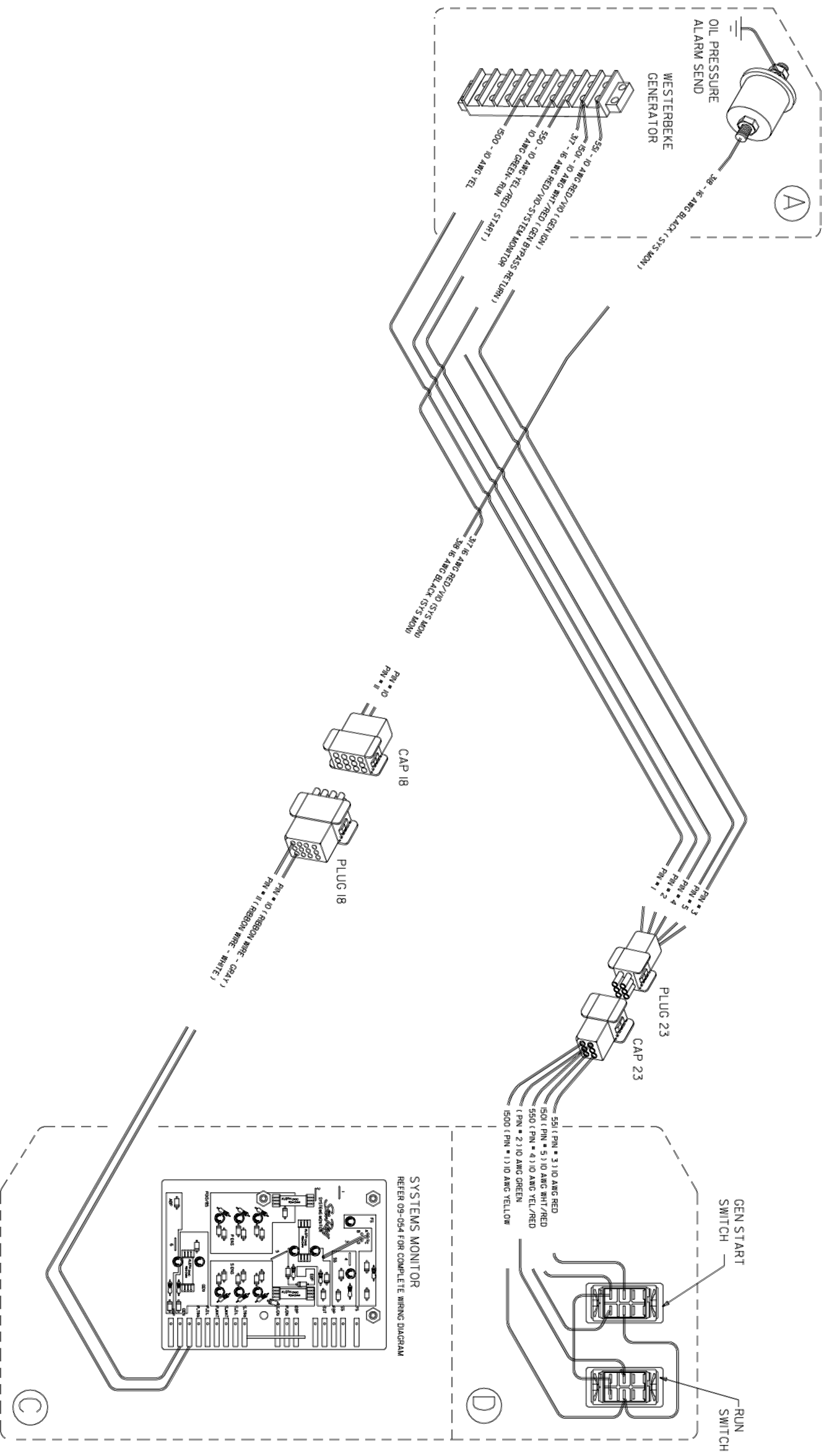


Print #09-612, 1 of 1, REVISION #0

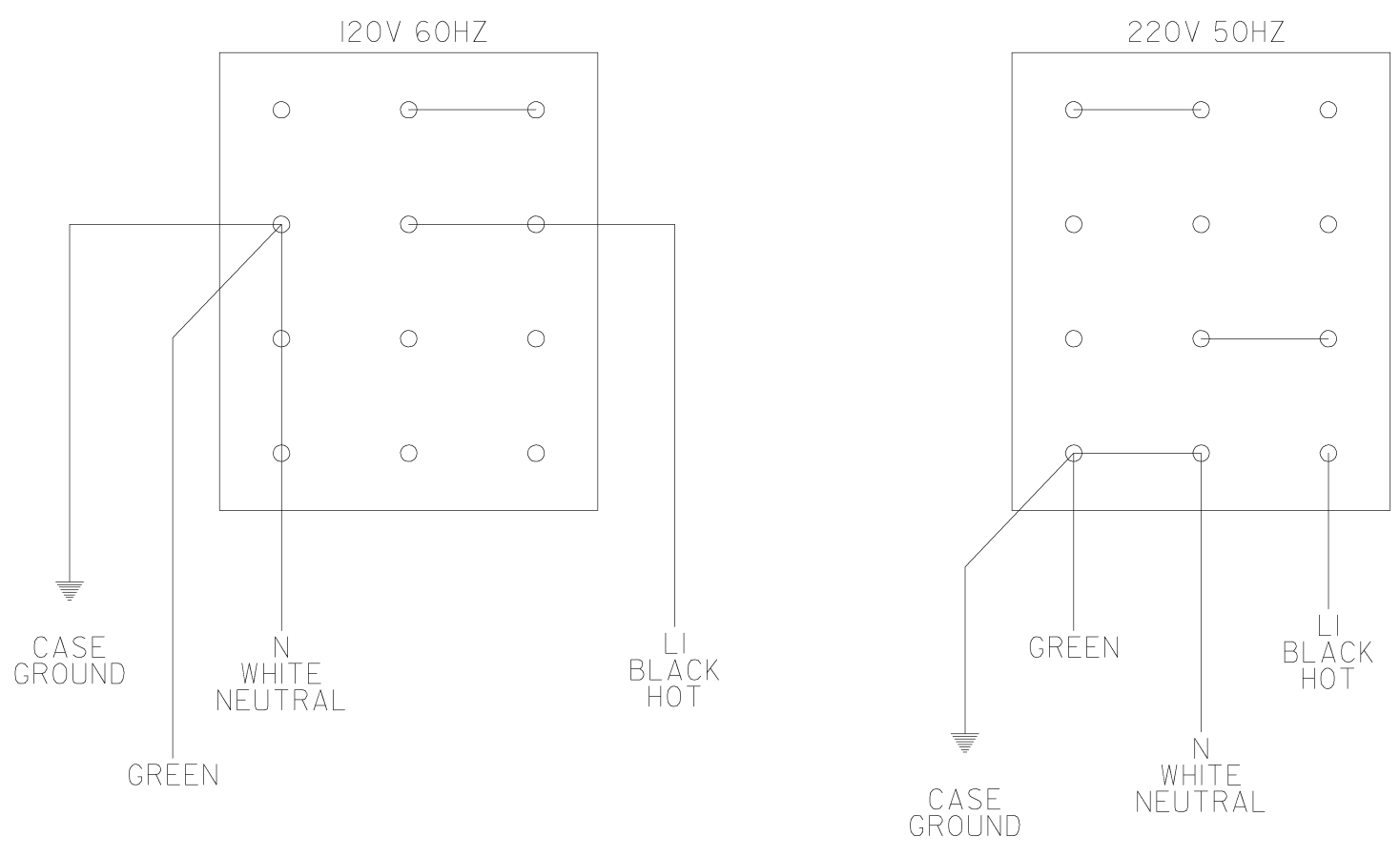
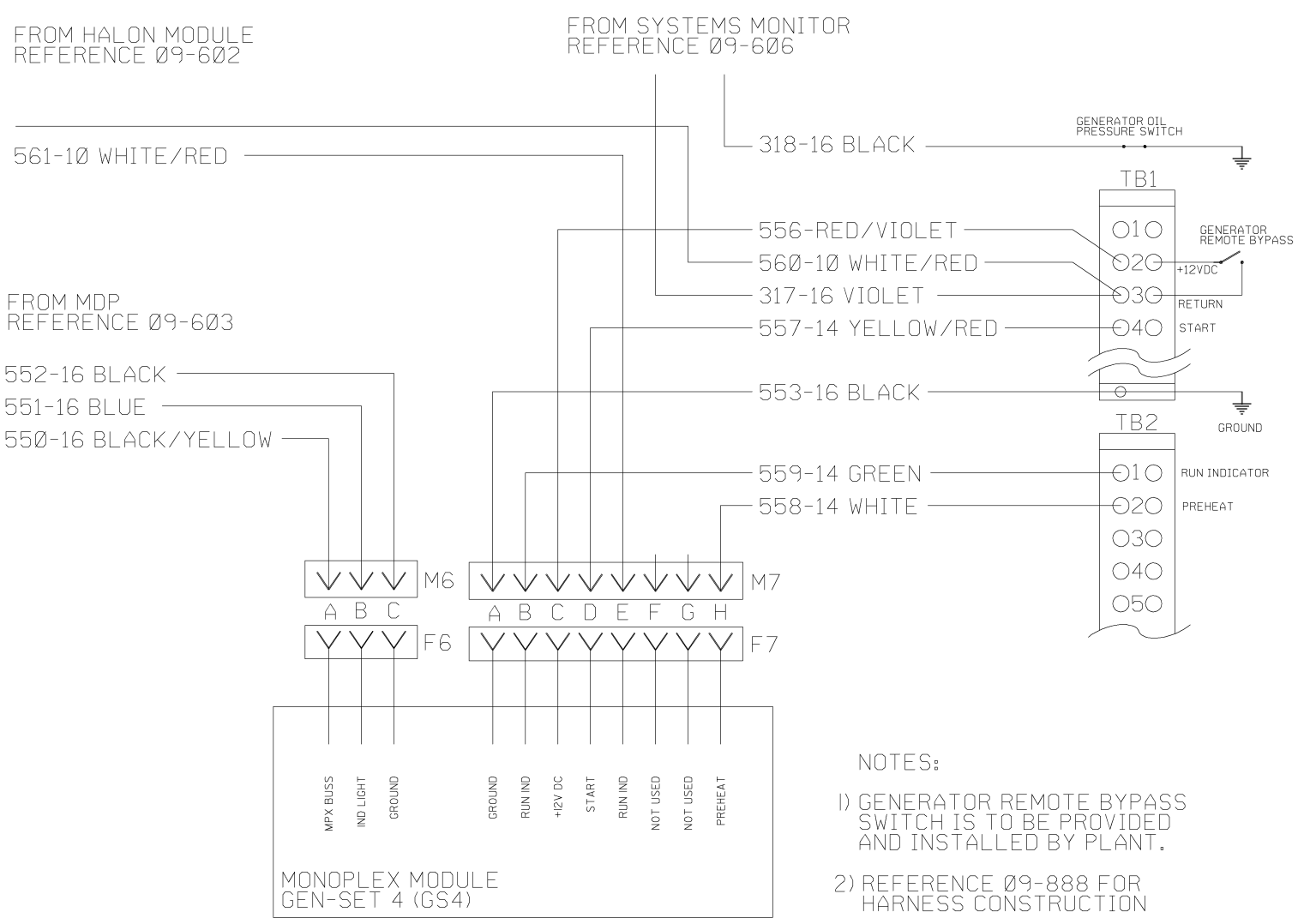
# LOFRANS PROGRESS I WINDLASS WIRING SCHEMATIC



# GENERATOR WIRING SCHEMATIC (GAS)



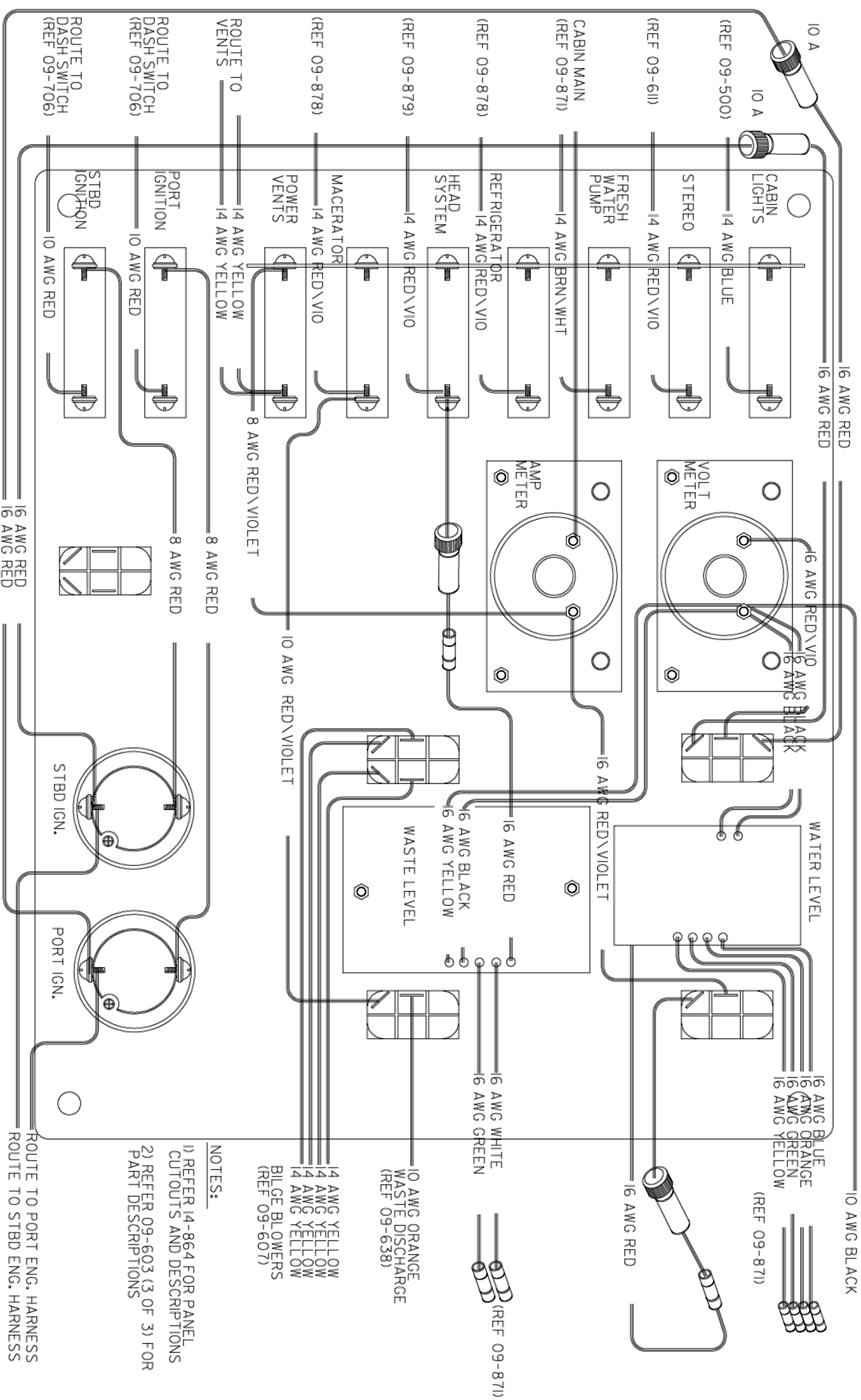
Print #09-616, 1 of 1, REVISION #02



Print #09-817, 1 of 1, REVISION #0

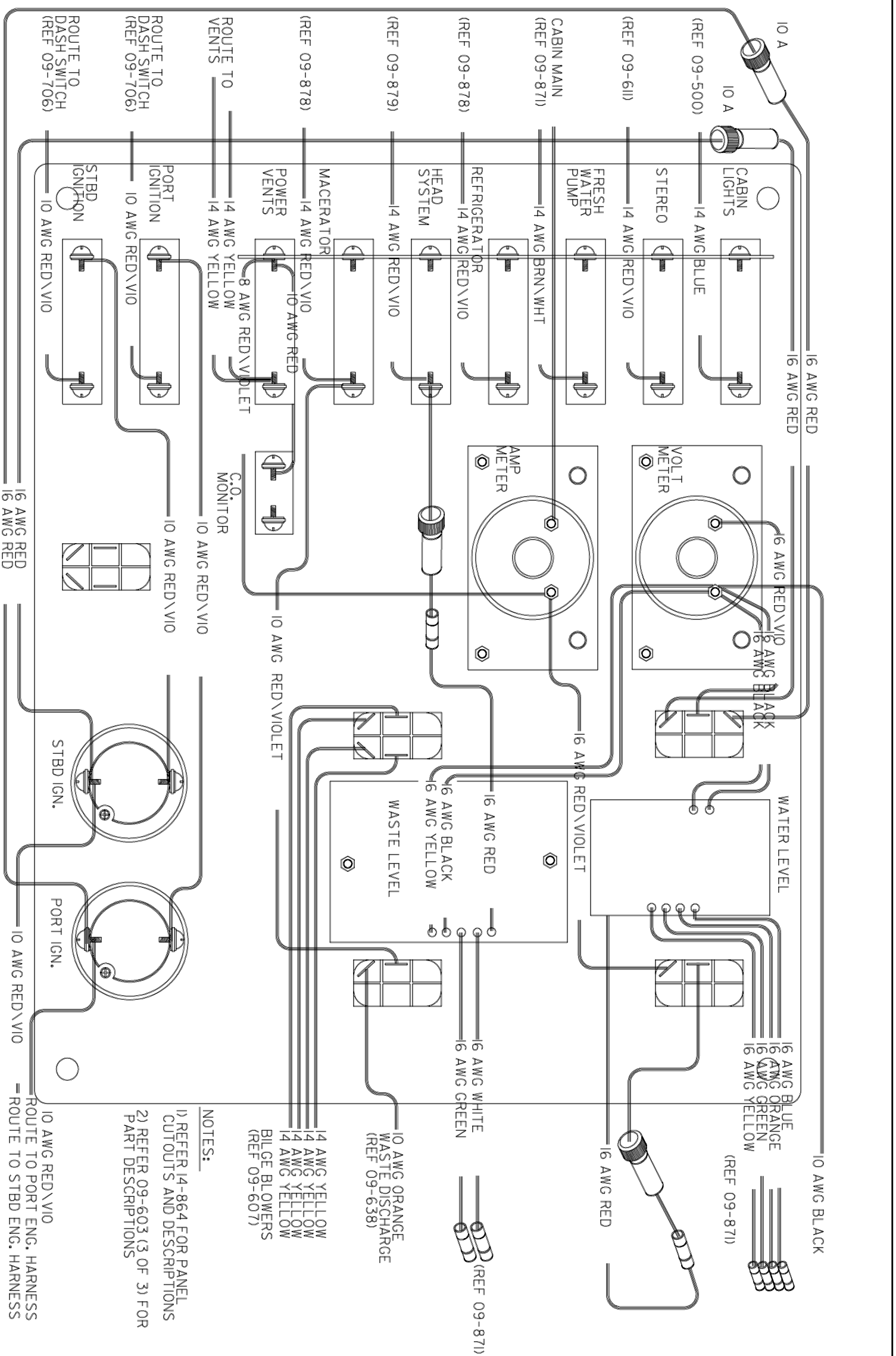
Print #09-818, 1 of 2, REVISION #0

# DC DISTRIBUTION PANEL WIRING SCHEMATIC (GAS)



NOTES:  
 1) REFER 14-864 FOR PANEL CUTOUTS AND DESCRIPTIONS  
 2) REFER 09-603 (3 OF 3) FOR PART DESCRIPTIONS

# DC DISTRIBUTION PANEL WIRING SCHEMATIC (DIESEL)



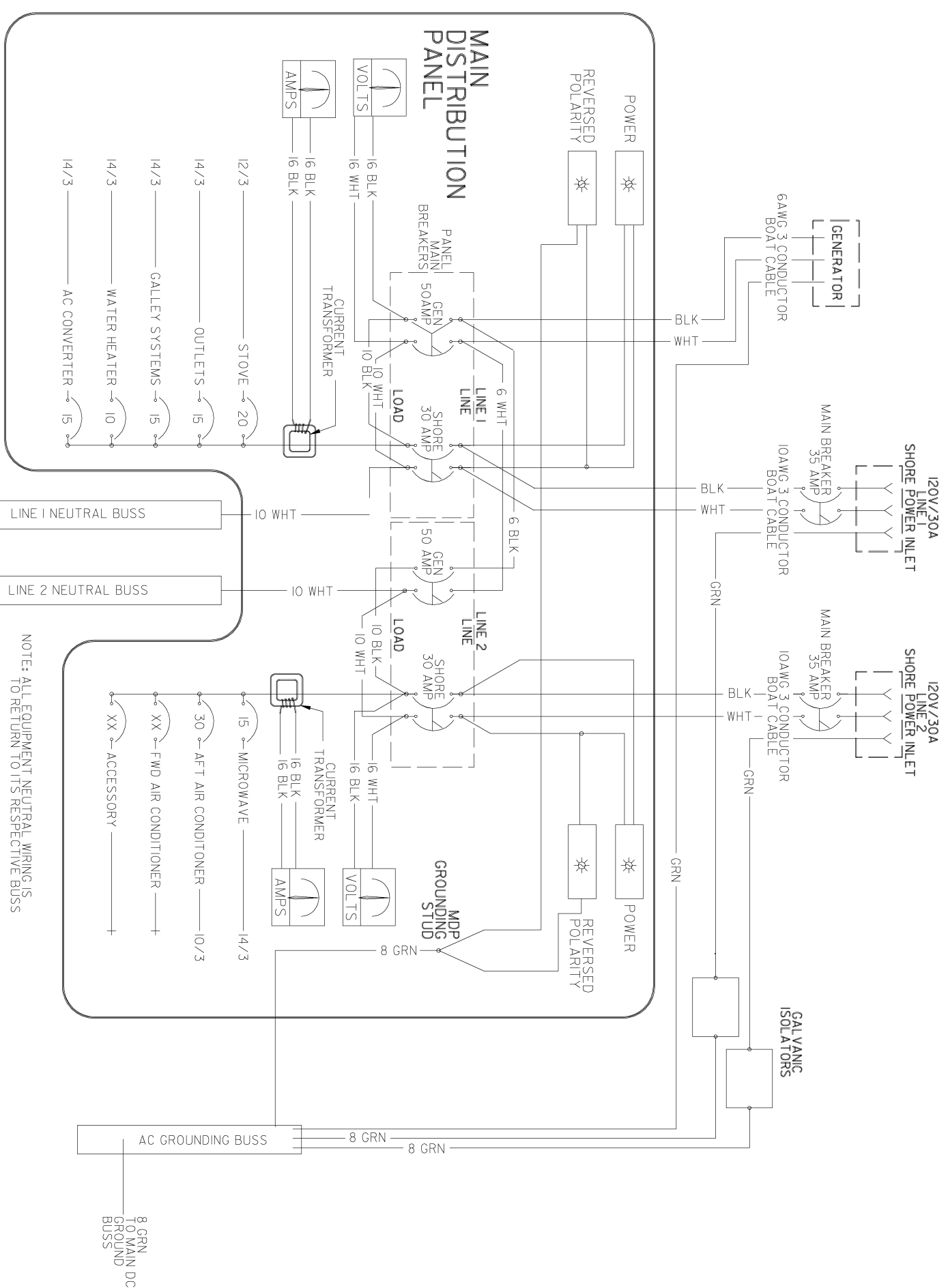
**NOTES:**

- 1) REFER 14-864 FOR PANEL CUTOUTS AND DESCRIPTIONS
- 2) REFER 09-603 (3 OF 3) FOR PART DESCRIPTIONS

10 AWG RED \ VIO  
 ROUTE TO PORT ENG. HARNESS  
 ROUTE TO STBD IGN. HARNESS

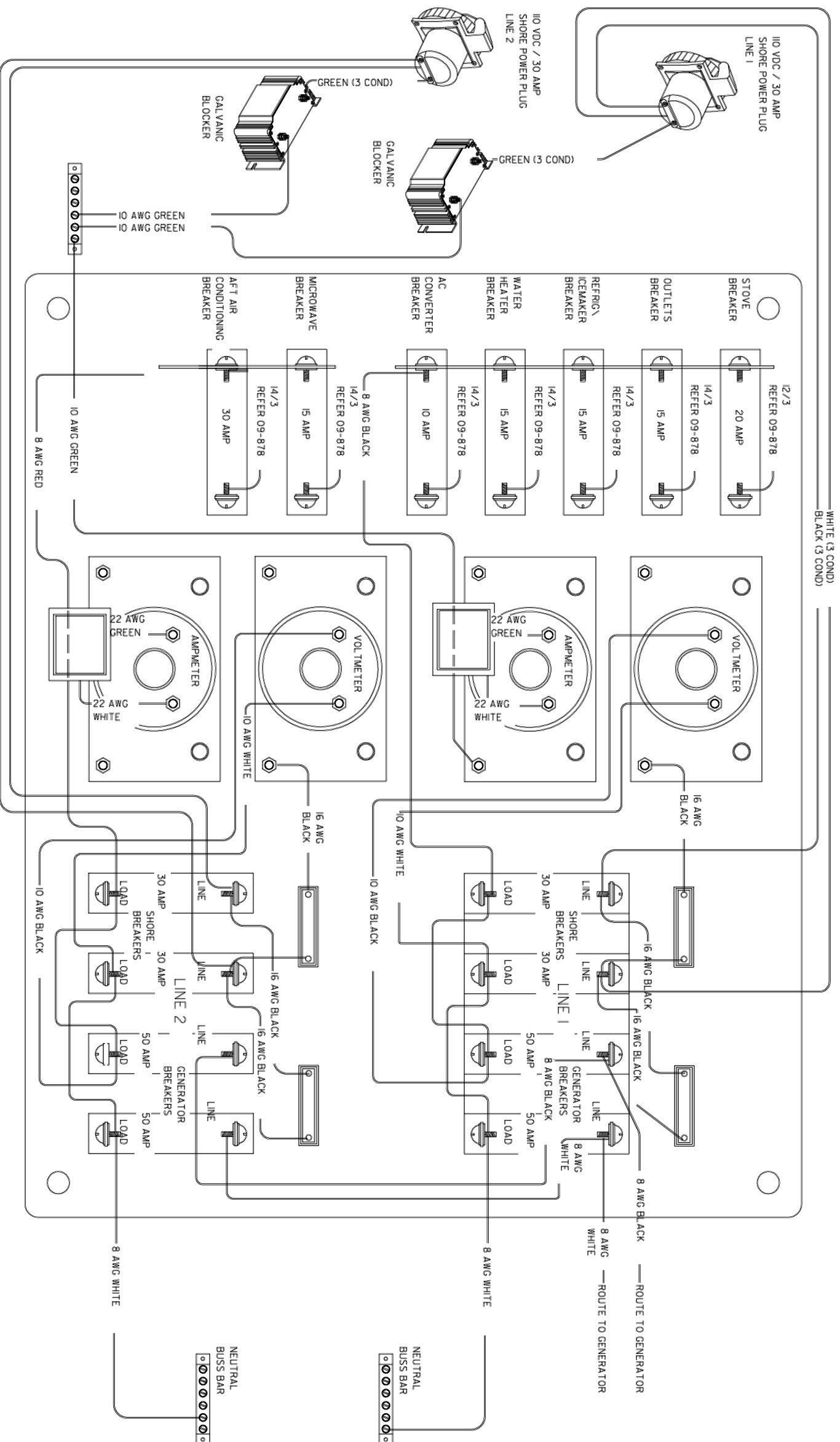


# AC WIRING DIAGRAM (120V)

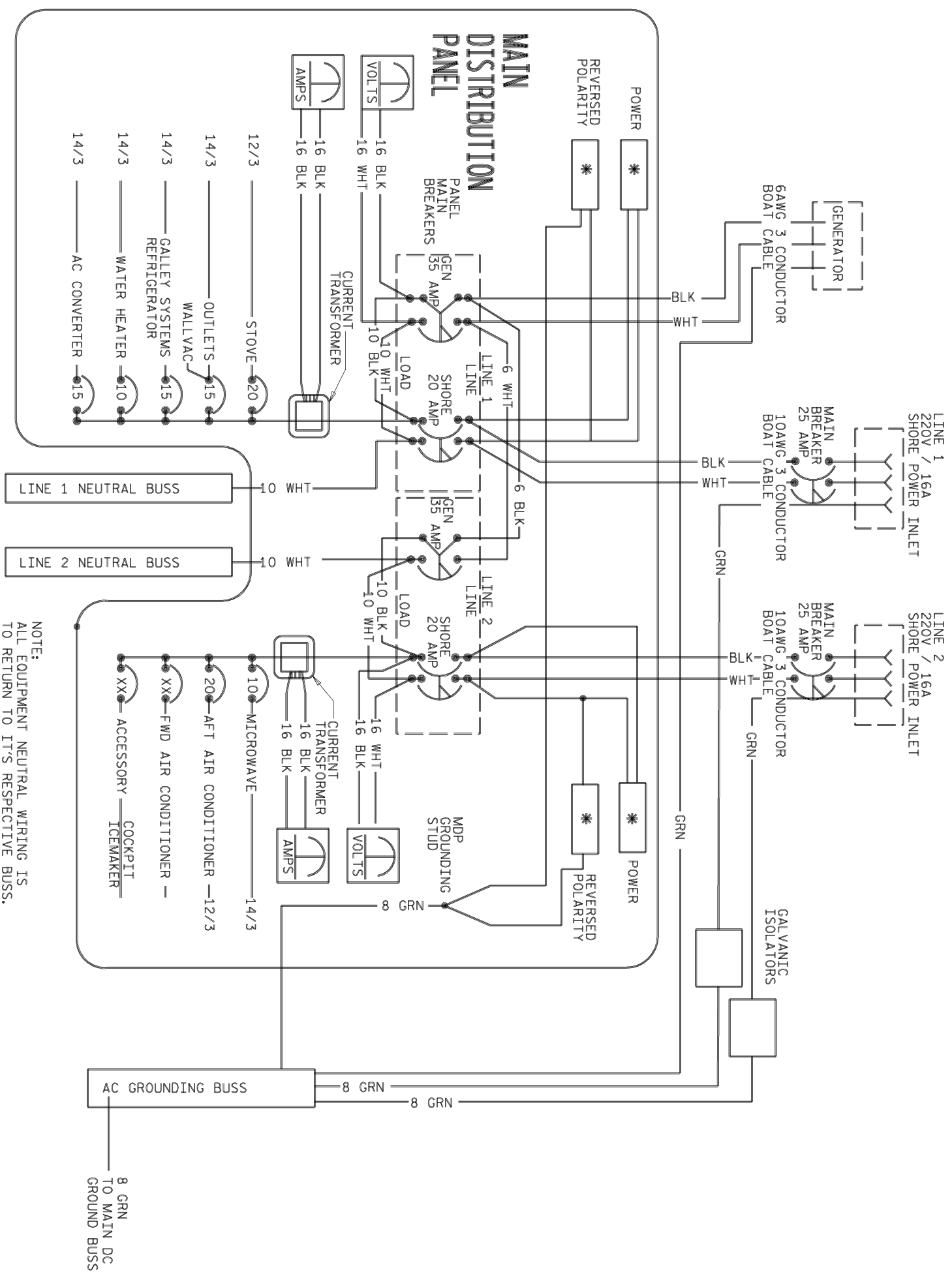


NOTE: ALL EQUIPMENT NEUTRAL WIRING IS TO RETURN TO ITS RESPECTIVE BUSS

# A/C DISTRIBUTION PANEL SCHEMATIC (120 V AC w/ AIR CONDITIONER & GENERATOR)



# AC WIRING DIAGRAM (220V / 50HZ)

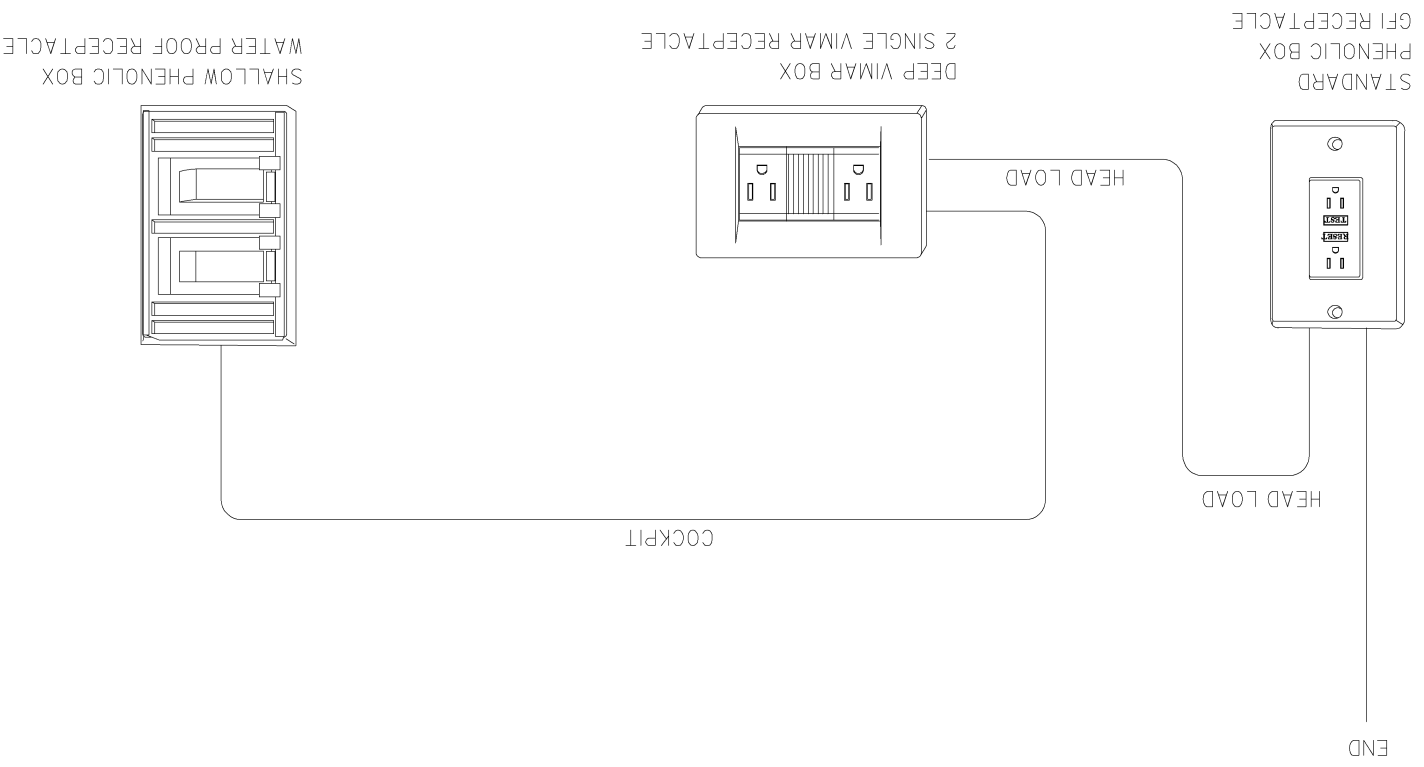


NOTE:  
ALL EQUIPMENT NEUTRAL WIRING IS  
TO RETURN TO IT'S RESPECTIVE BUSS.

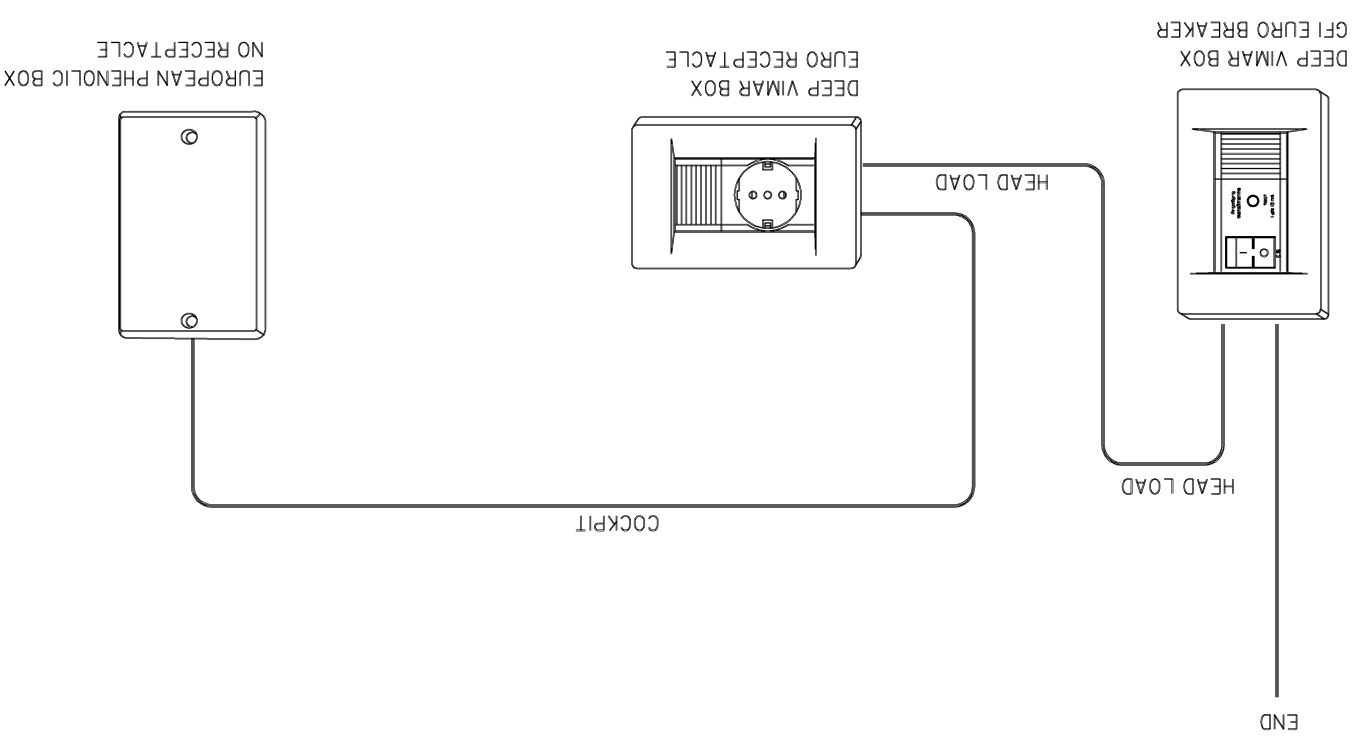
Print #09-633, 1 of 1, REVISION #01

# WESTERBEKE GENERATOR 7.6KW DIESEL REMOTE WIRING

# WESTERBEKE GENERATOR HIGH VOLTAGE WIRING



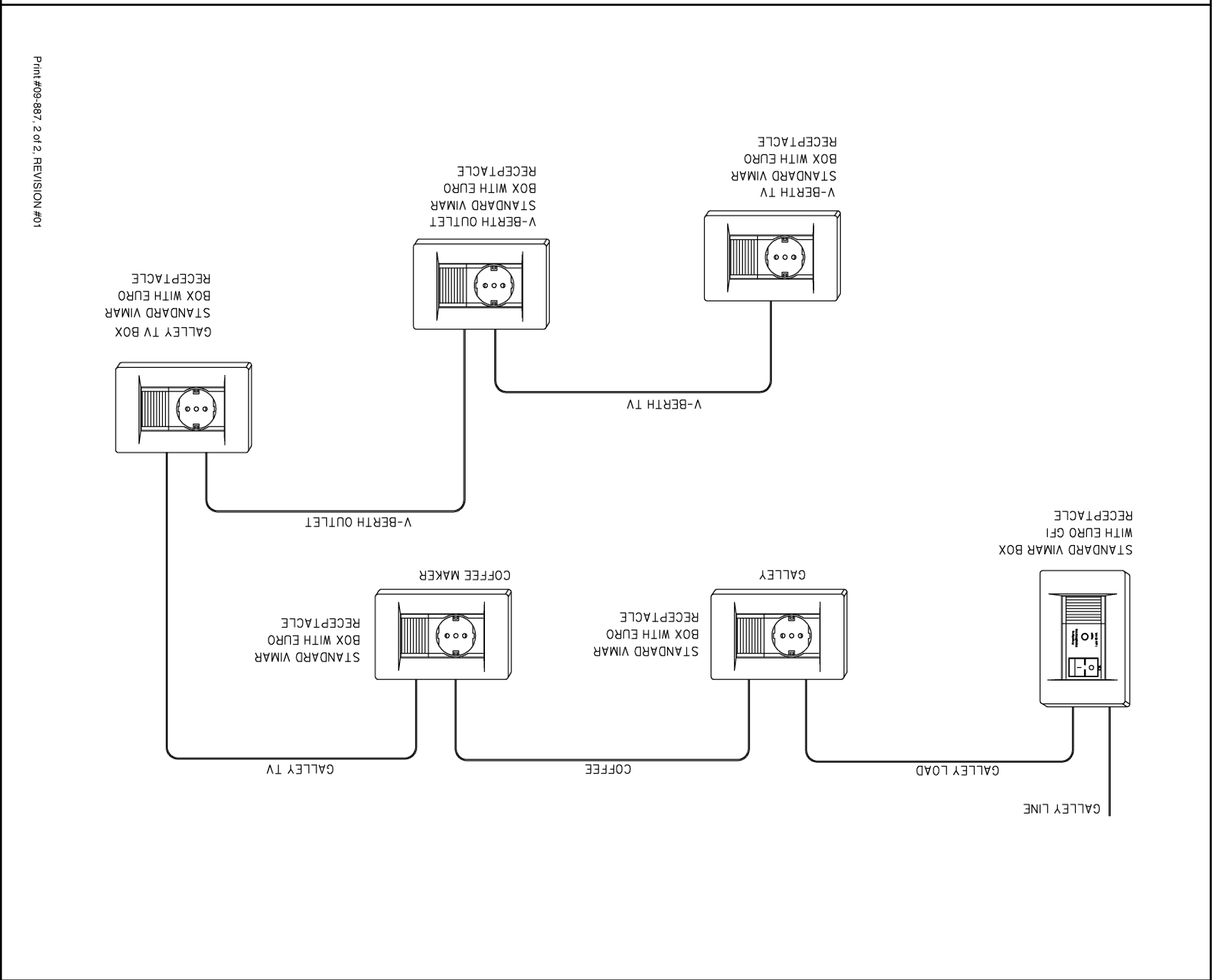
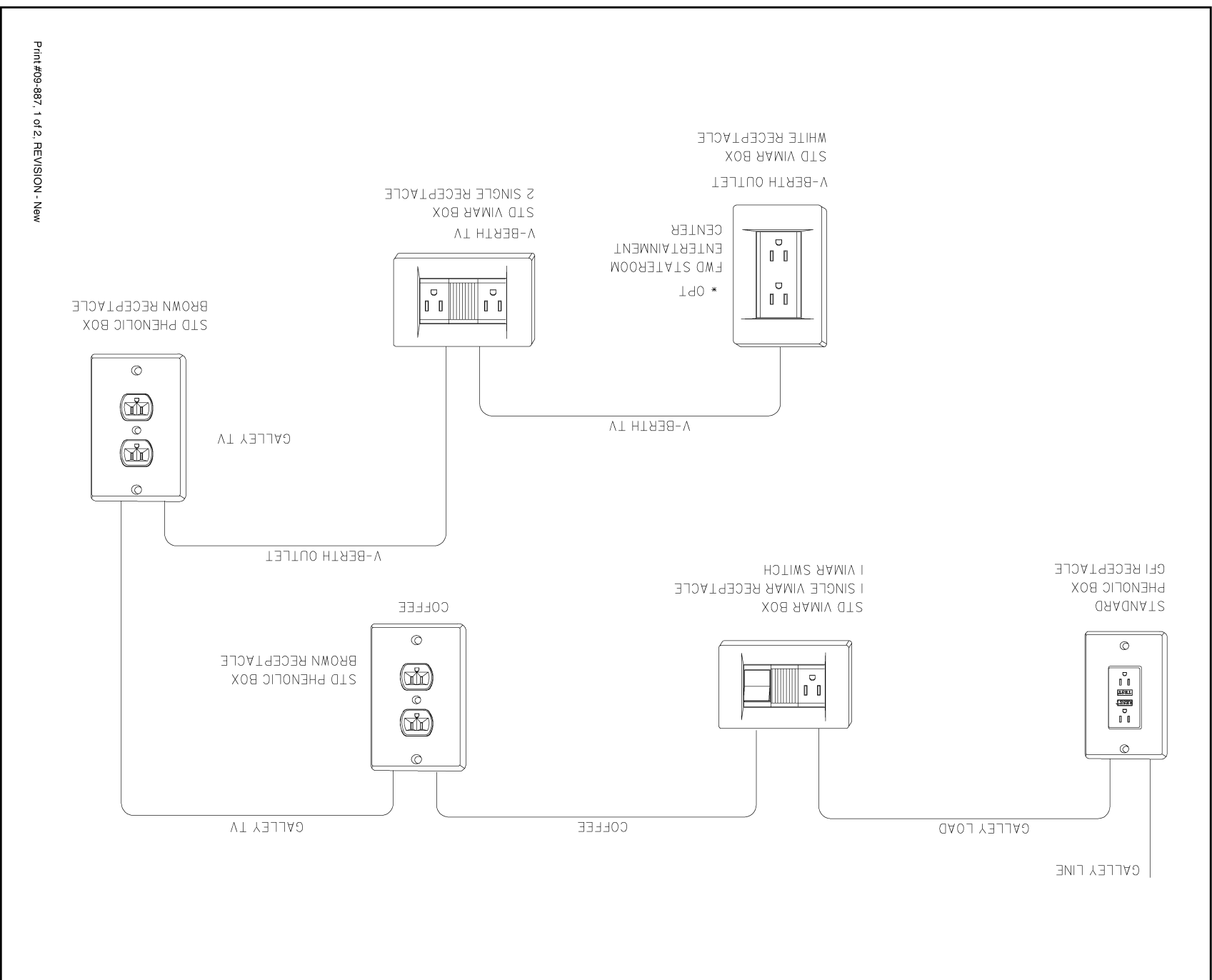
Print#09-617, 1 of 1, REVISION#0



Print#09-618, 1 of 2, REVISION#0

# 110V GALLEY JUNCTIONS (STANDARD)

# 220V GALLEY JUNCTIONS (OPTION)

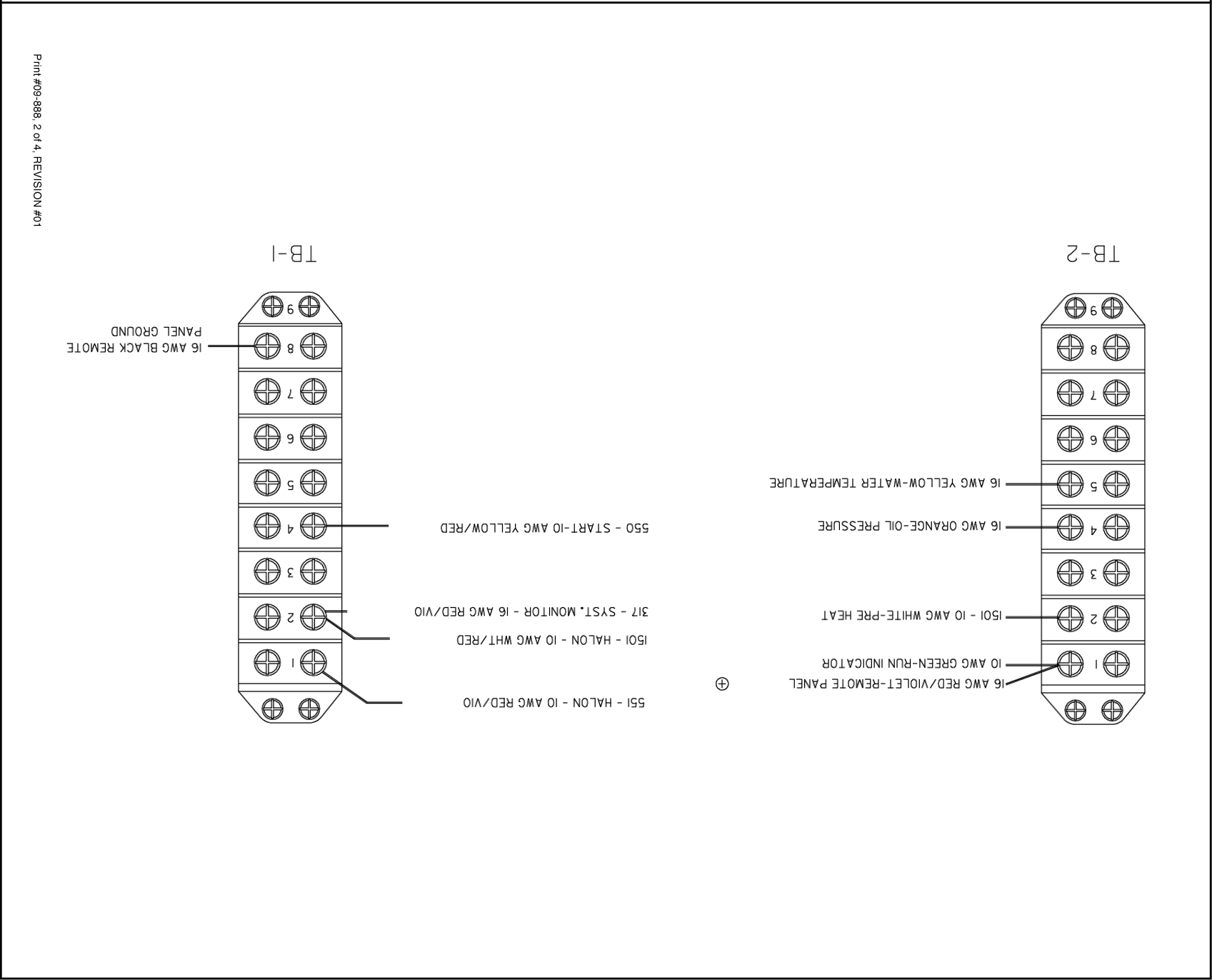
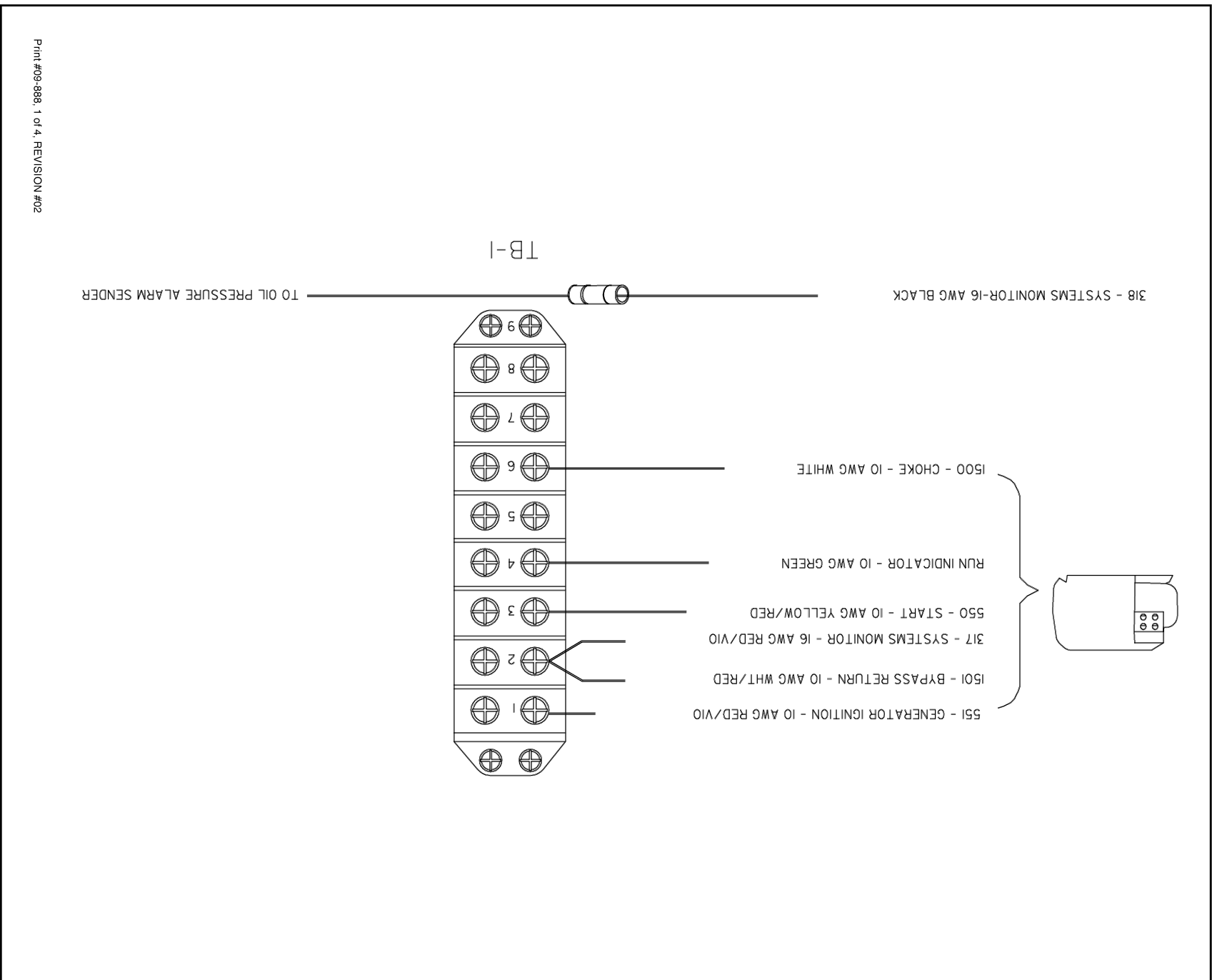


Print#09-887, 1 of 2, REVISION- New

Print#09-887, 2 of 2, REVISION#01

# WESTERBEKE GENERATOR (GAS)

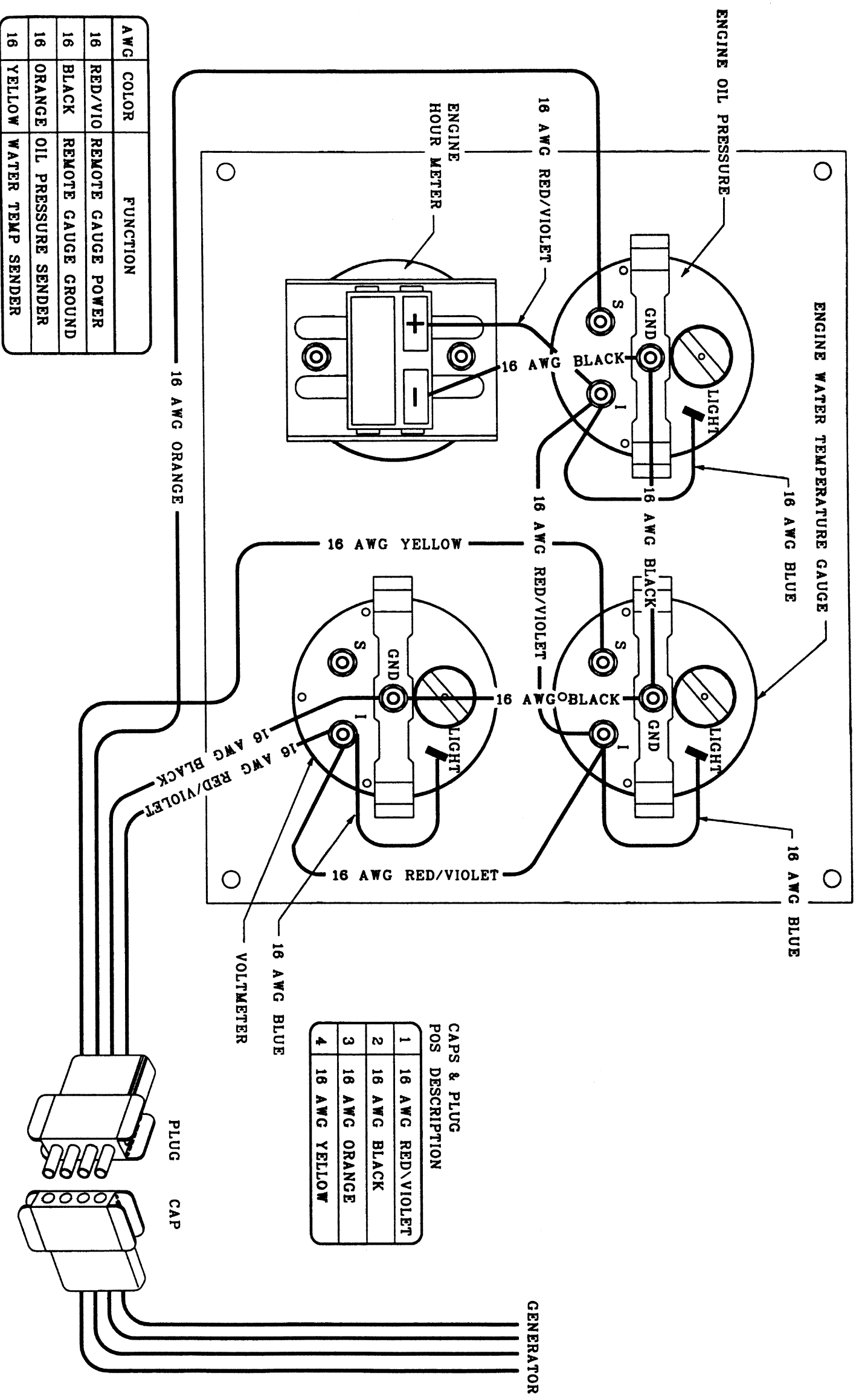
# WESTERBEKE GENERATOR (DIESEL)



Print #09-888, 1 of 4, REVISION #02

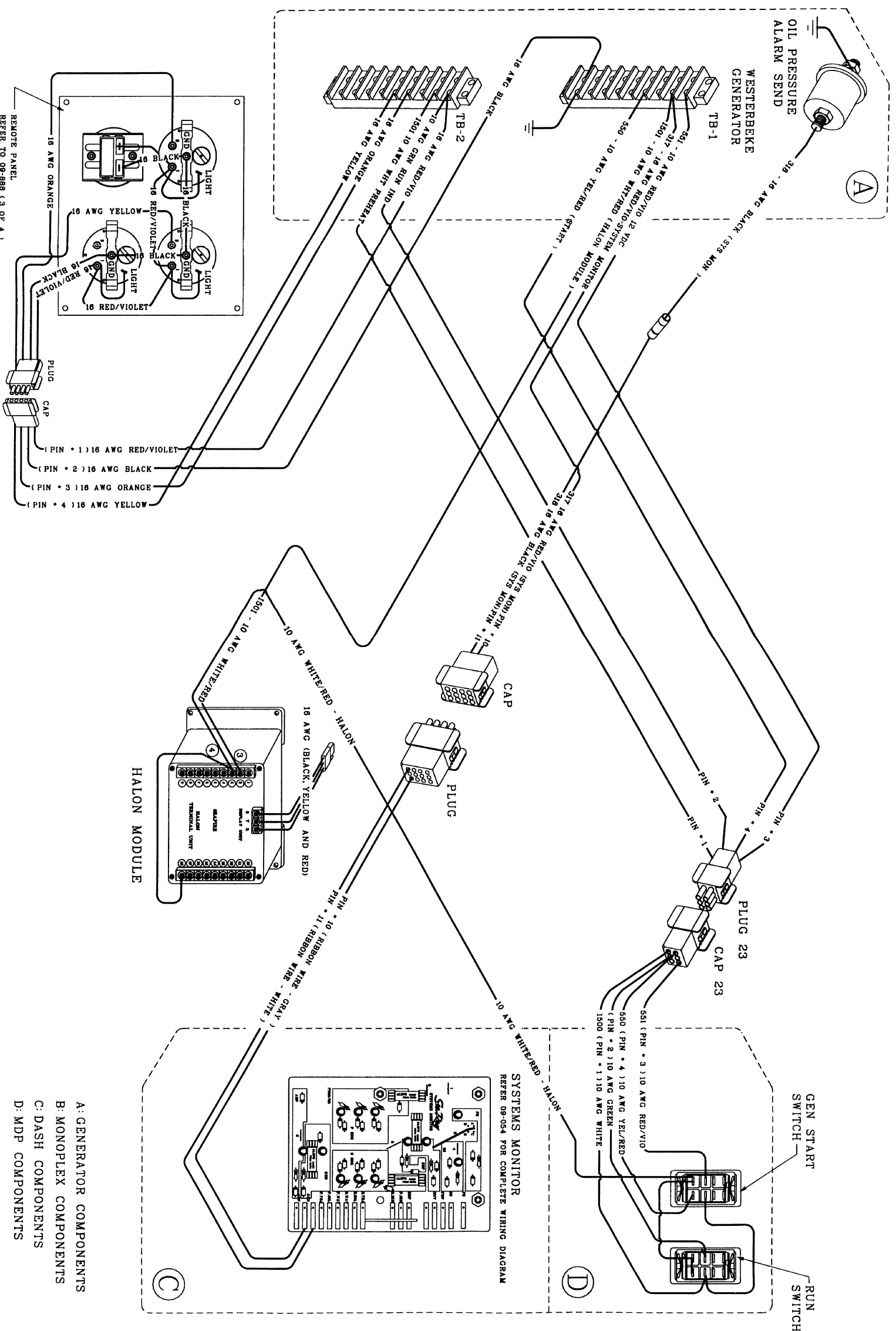
Print #09-888, 2 of 4, REVISION #01

# WESTERBEKE GENERATOR PANEL & HARNESS WIRING LAYOUT



Print #09-888, 3 of 4, REVISION #01

# GENERATOR WIRING LAYOUT (DIESEL)



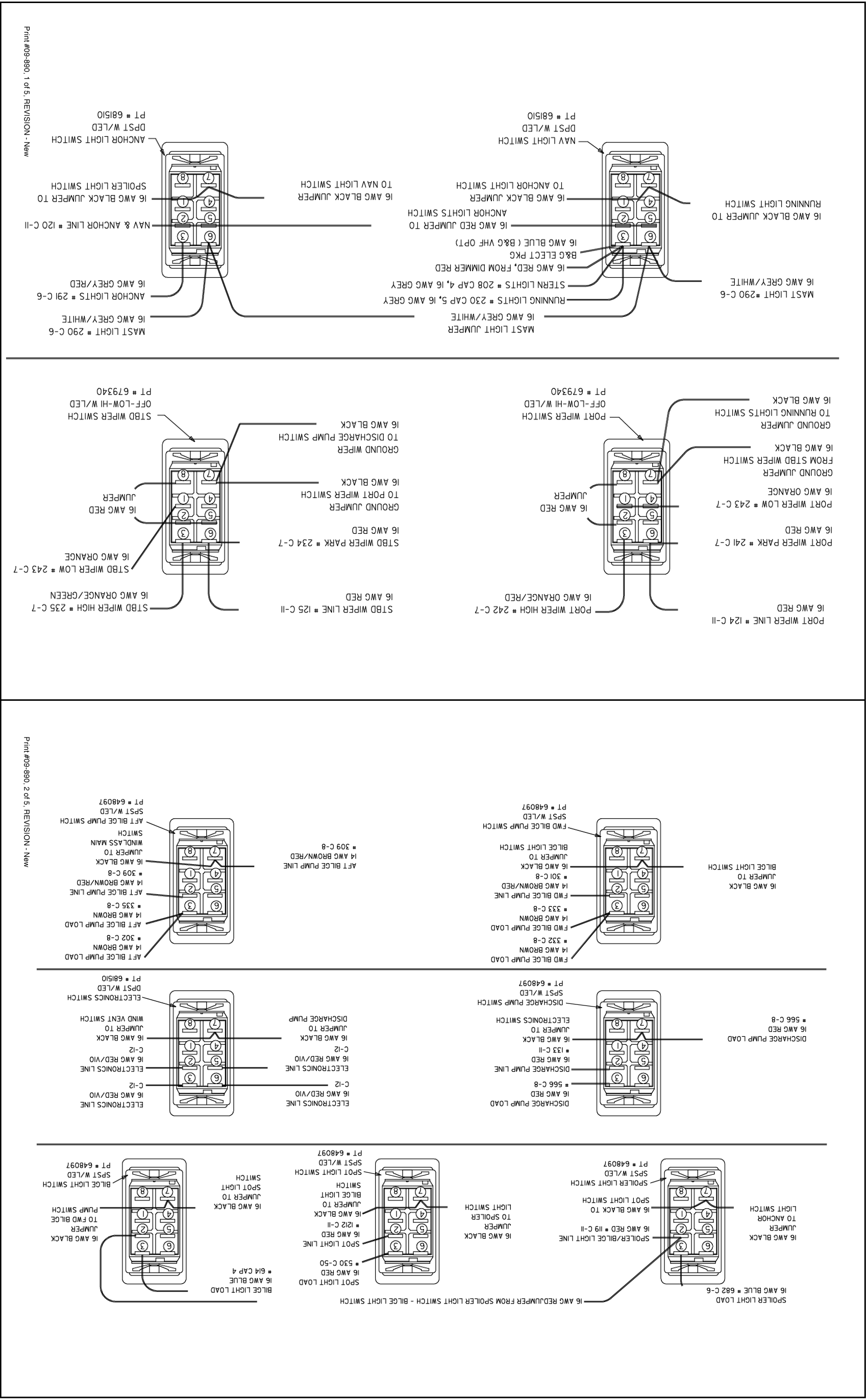
- A: GENERATOR COMPONENTS
- B: MONOPLEX COMPONENTS
- C: DASH COMPONENTS
- D: MDP COMPONENTS

Print#09-988, 4 of 4, REVISION #01



# SWITCH PANEL WIRING

# SWITCH PANEL WIRING

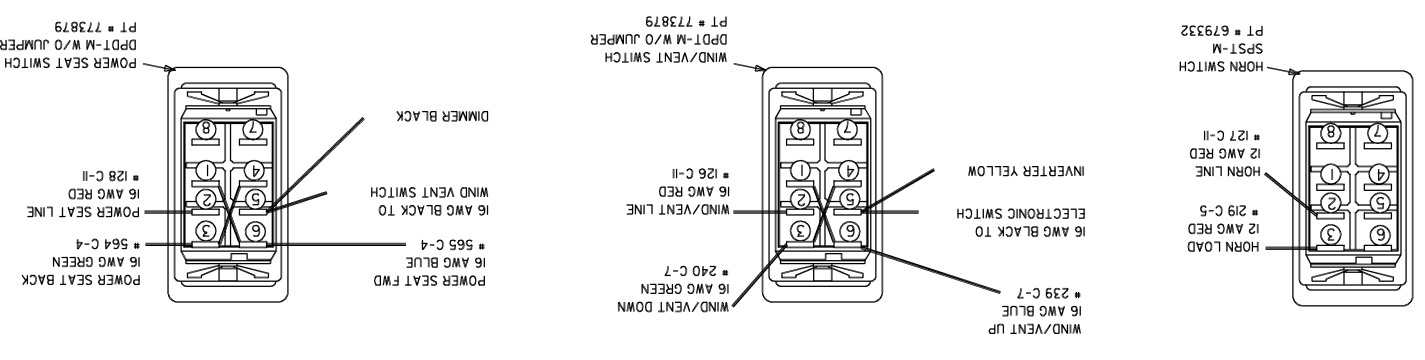


Print #09-990, 1 of 5, REVISION - New

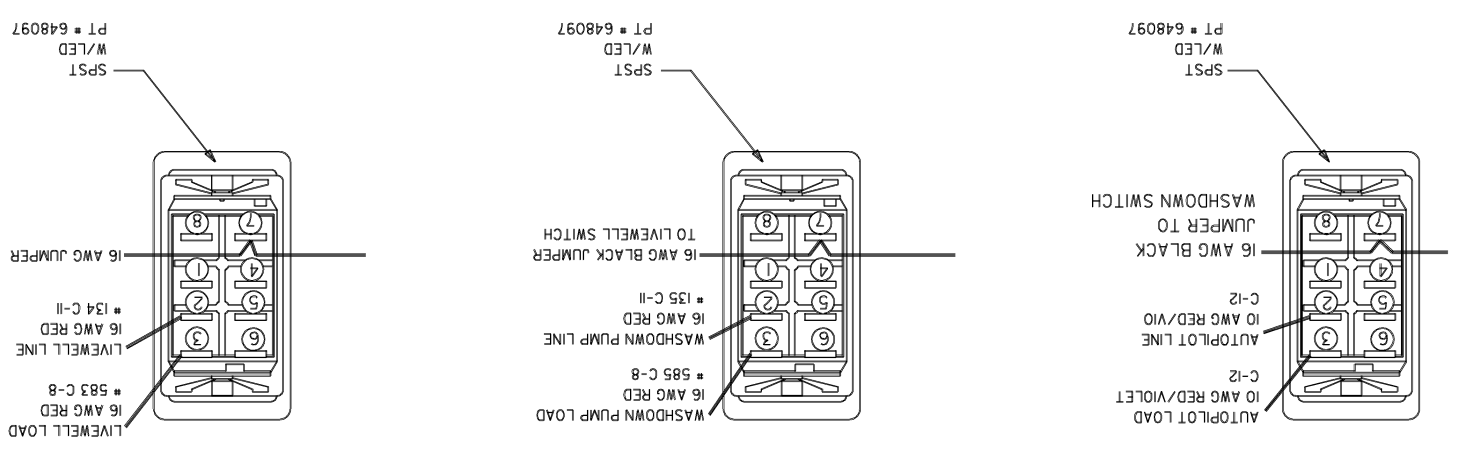
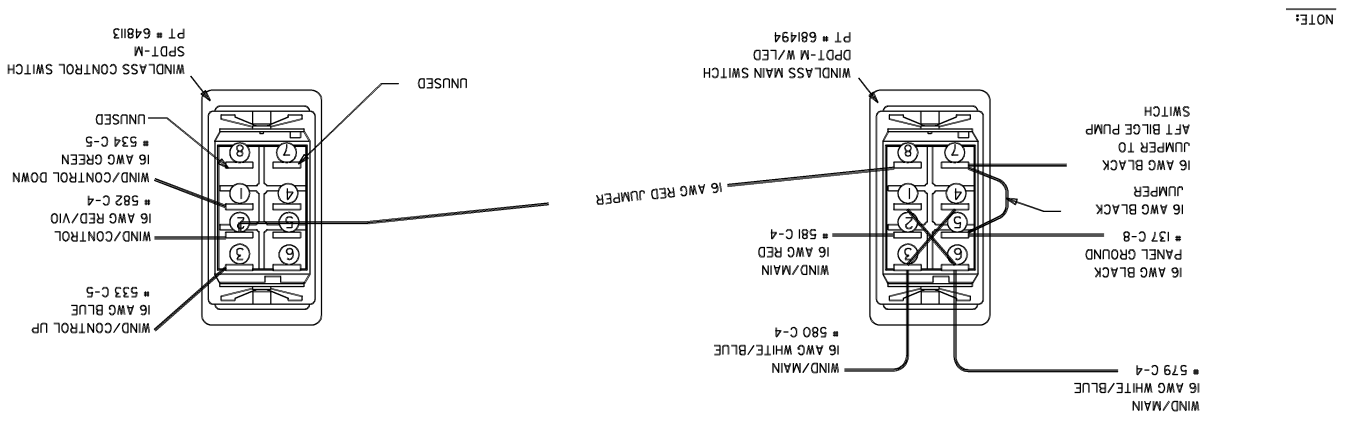
Print #09-990, 2 of 5, REVISION - New

# SWITCH PANEL WIRING

# SWITCH PANEL WIRING



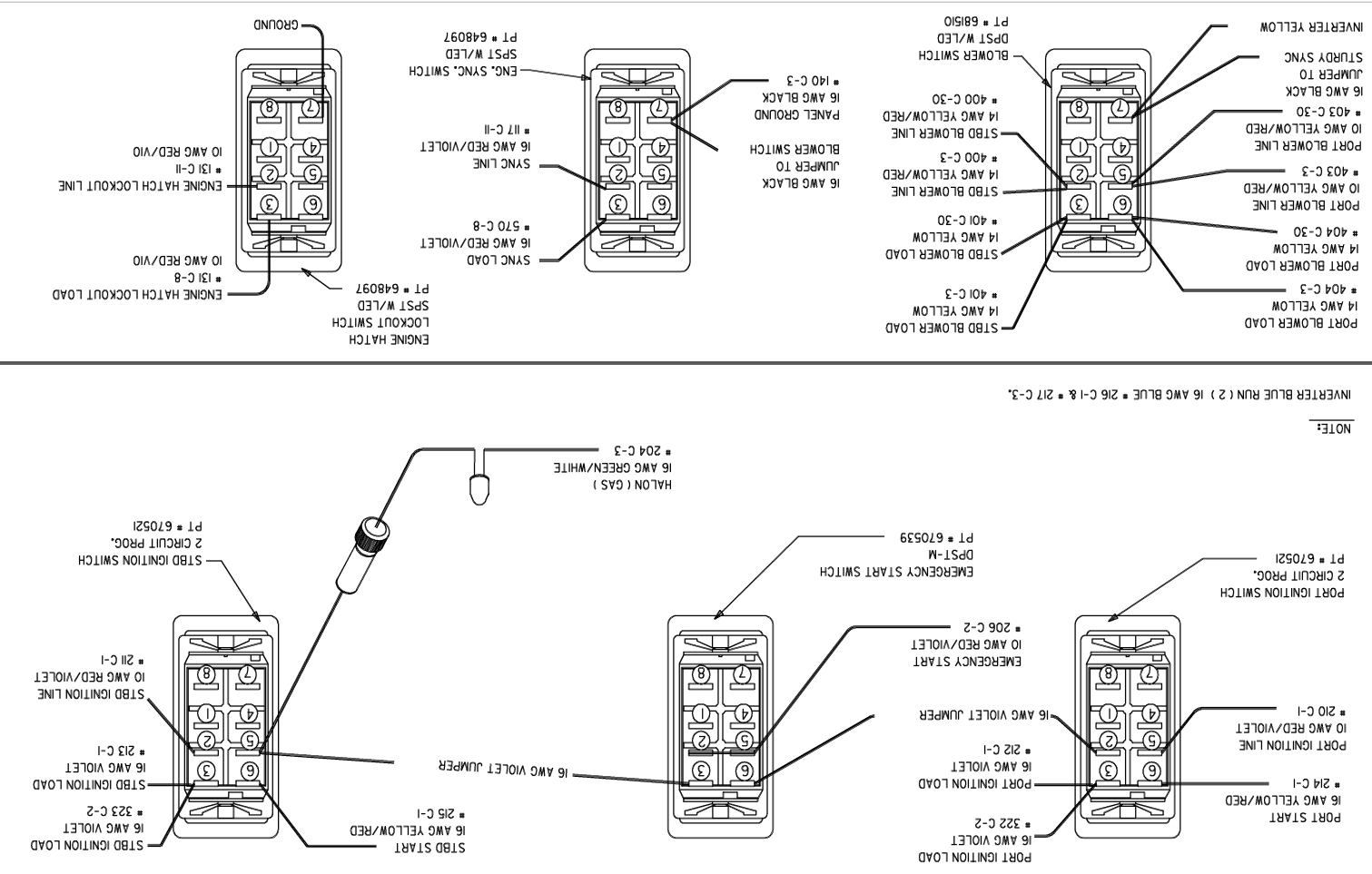
STBD SWITCH PANEL  
WIRES OFF STBD SIDE 30"



Print #09-890, 3 of 5, REVISION - New

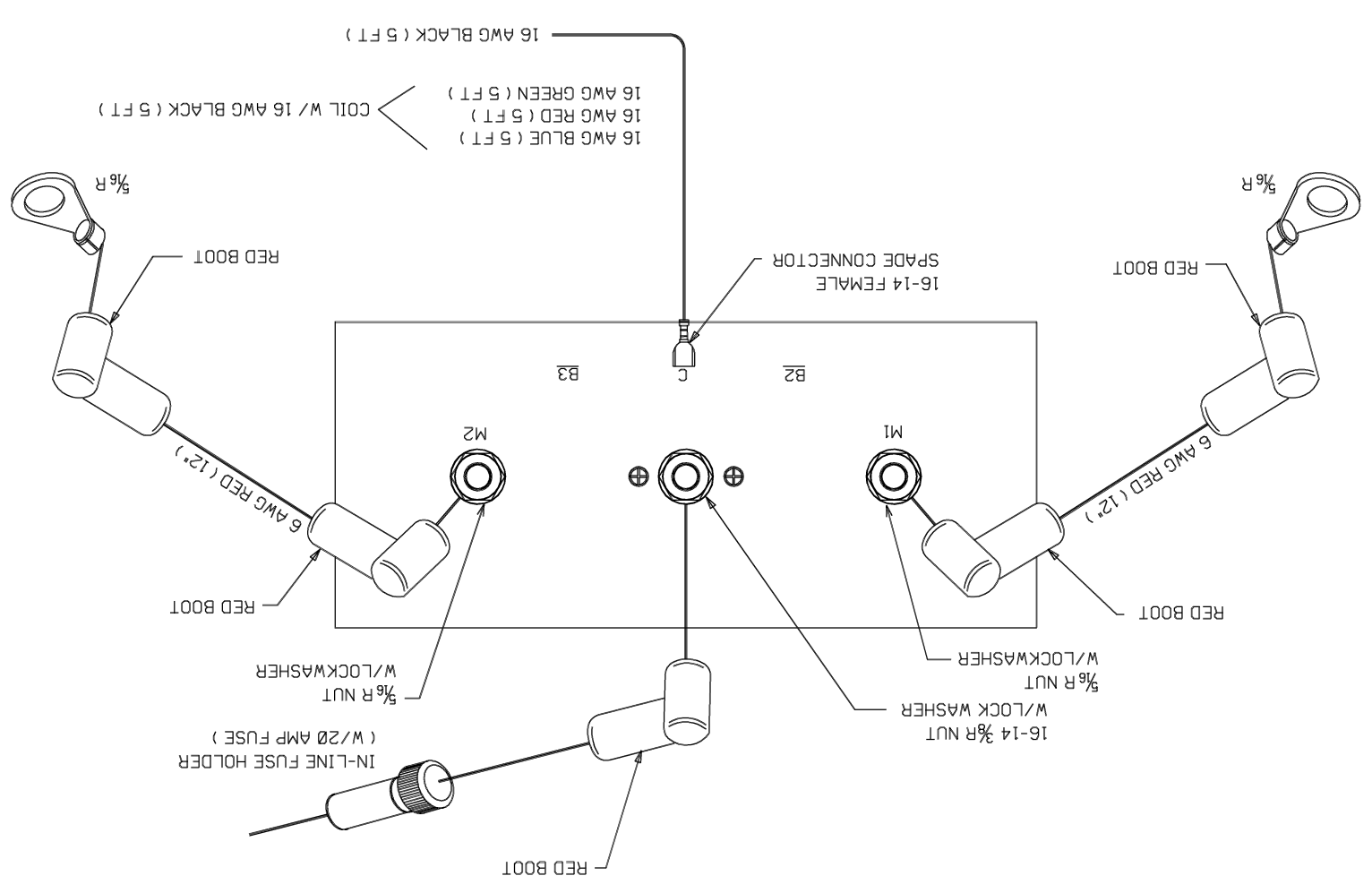
Print #09-890, 4 of 5, REVISION - New

# SWITCH PANEL WIRING



NOTE: INVERTER BLUE RUN ( 2 ) 16 AWG BLUE # 216 C-1 & # 217 C-3.

# WINDLASS MODULE





# INTERNATIONAL HOMOLOGATIONS

This vessel and its systems have been constructed in accordance with standards and specifications in effect at the time of manufacture as published by the various regulatory authorities listed below.

1. Ministere De La Mer - France
2. Registro Italiano Navale - Italy
3. Det Norske Veritas - Norway
4. Securite des Nauires - Canada
5. J.C.I. (Japan Craft Inspection) - Japan
6. N.K.K. (Nippon Kaiji Kyokai) - Japan
7. B.S.I. (British Standards Institute) - England
8. Ministerio Obras Publicas Y Transporters - Spain
9. EC Directive - European Community

Further information may be obtained from Sea Ray® Customer Service. 1-800-SRBOATS.