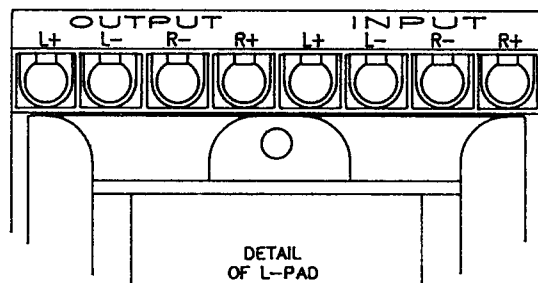


THUNDERBIRD PRODUCTS

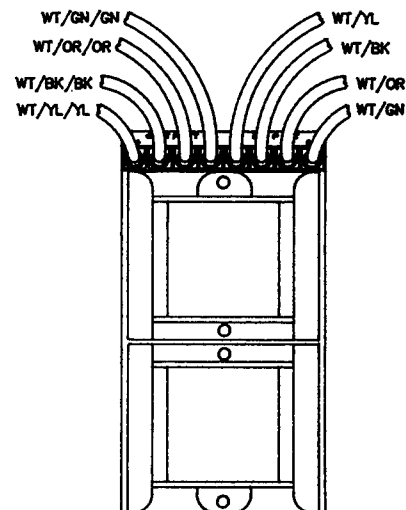
WIRING, FUEL & PLUMBING DIAGRAMS

F-41 PC

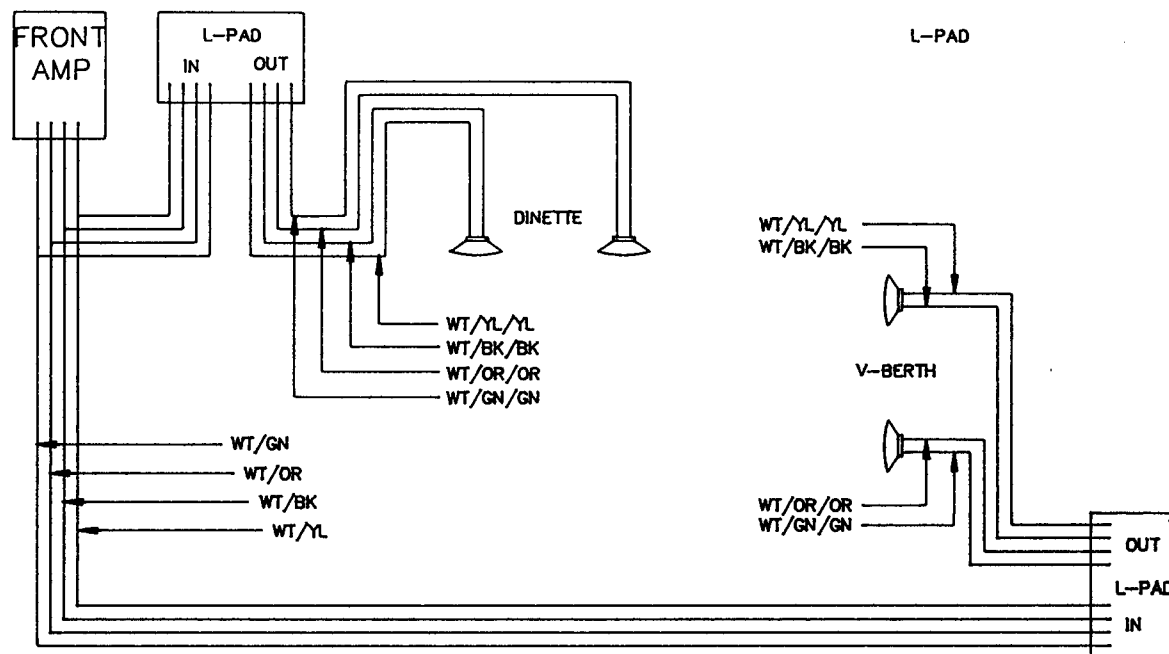




#1 ON
#2-8 OFF



L-PAD



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: STEREO, SPEAKER WIRING		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN. 46733-5003
NO.: 41-333	DATE: 11/01/86	(219) 724-8111

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THUNDERBIRD
PRODUCTS
ENGINEERING

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THUNDERBIRD
PRODUCTS
ENGINEERING

F-41 PC HARNESS & PIGTAIL #'S

HARNESSES

PART#

AC 110V/220V	9716
DECK	9595
ENG. EXT. (PORT)	9728
ENG. EXT. (STBD)	9727
HULL	9596

PIGTAILS

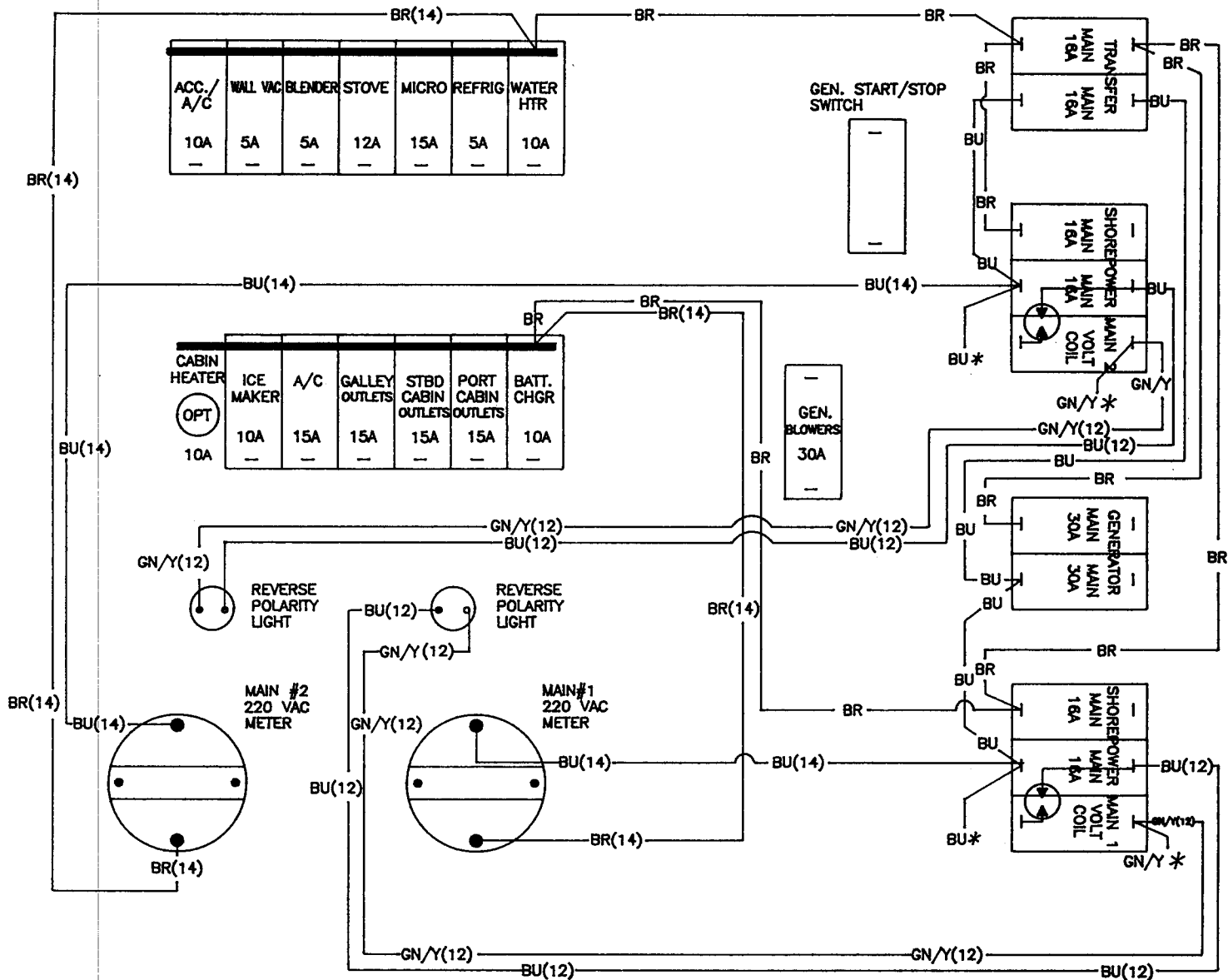
PART#

AC/DC PANEL	9676
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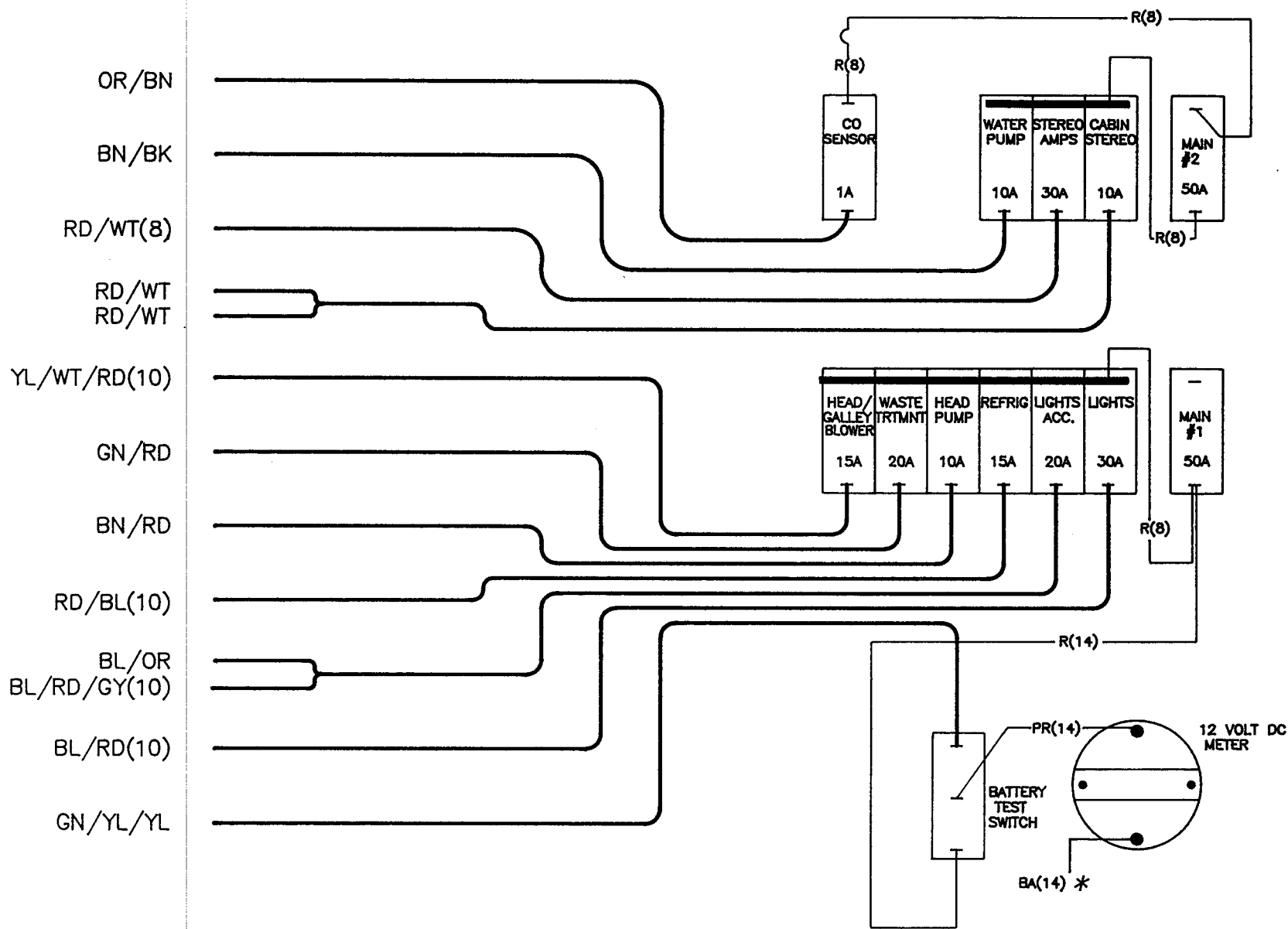
**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: HARNESS & PIGTAILS		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-C	DATE: 11/01/85	(219) 724-9111



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: 220V AC SCHEMATIC		THUNDERBIRD PRODUCTS	
MOD.: F-41 PC		P.O. BOX 1003	
DR BY: RLH		DECATUR IN. 46733-5003	
NO.: 41-E		DATE: 11/01/86 (219) 724-9111	



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: 12V DC SCHEMATIC		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-F	DATE: 11/01/88	(219) 724-9111

12V DC SYSTEM

GENERATOR BATTERY TEST

HOUSE BATTERY TEST

MAIN #1

MAIN #2

STEREO

STEREO AMP

WATER PUMP

REFRIG-ERATOR

HEAD PUMP

WASTE TREATMENT

ACC.

CD SENSOR

WARNING:
THE CD SENSOR MONITORS AIR FLOW IN THE CD DRIVE. IF THE CD DRIVE IS NOT PROPERLY SEATED, THE CD SENSOR WILL TRIP AND THE CD DRIVE WILL STOP.

MAIN CONTROLS

SHOREPOWVER MAIN #1

GENERATOR

SHOREPOWVER MAIN #2

TRANSFER

WARNING:
GASOLINE VAPORS CAN EXPLUDE BEFORE STARTING GENERATOR. CHECK ENGINE COMPARTMENT FOR GASOLINE OR VAPORS. OPERATE BLOWERS FOR 4 MINUTES. RUN BLOWER BELOW CRUISING SPEED.

GENERATOR CONTROLS

START STOP

BLOWERS

120V 60HZ AC SYSTEM

MAIN #1

MAIN #2

MAIN #1

MAIN #2

WARNING:
REVERSED POLARITY CAN DAMAGE ELECTRONIC EQUIPMENT. CHECK AT POWER ON.

BATTERY CHARGER

WATER HEATER

REFRIG.

MICROWAVE

STOVE

BLENDER

VACUUM

WALL VACUUM

ICE MAKER

CABIN HEATER

ACC./AIR COND.

STBD OUTLETS

PORT OUTLETS

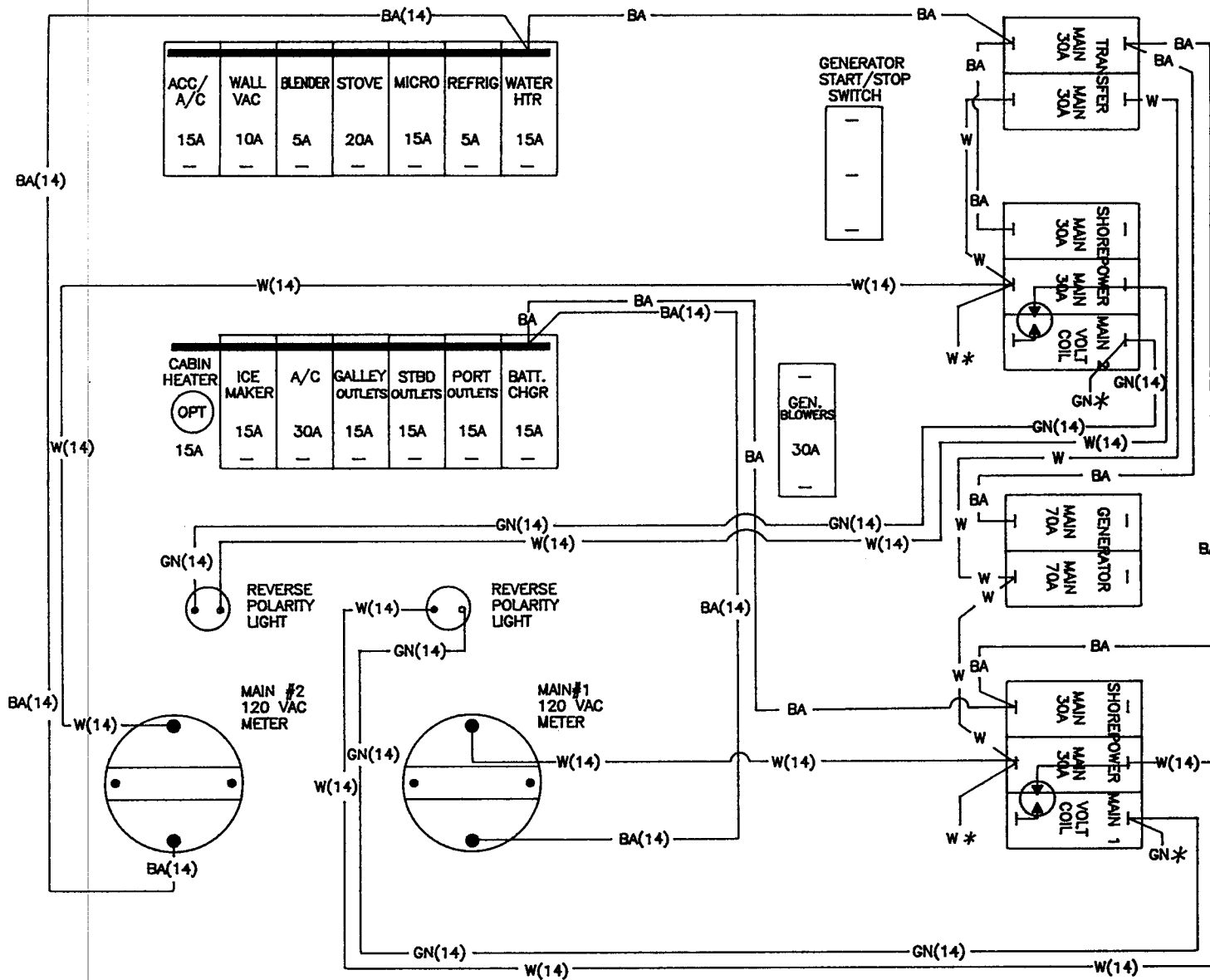
GALETT OUTLETS

AIR COND.



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: AC/DC PANEL		THUNDERBIRD PRODUCTS	
MOD.: F-41 PC		P.O. BOX 1003	
DR BY: RLH		DECATUR IN., 48733-5003	
NO.: 41-G		DATE: 11/01/86	
		(218) 724-8111	



**THUNDERBIRD
PRODUCTS
ENGINEERING**

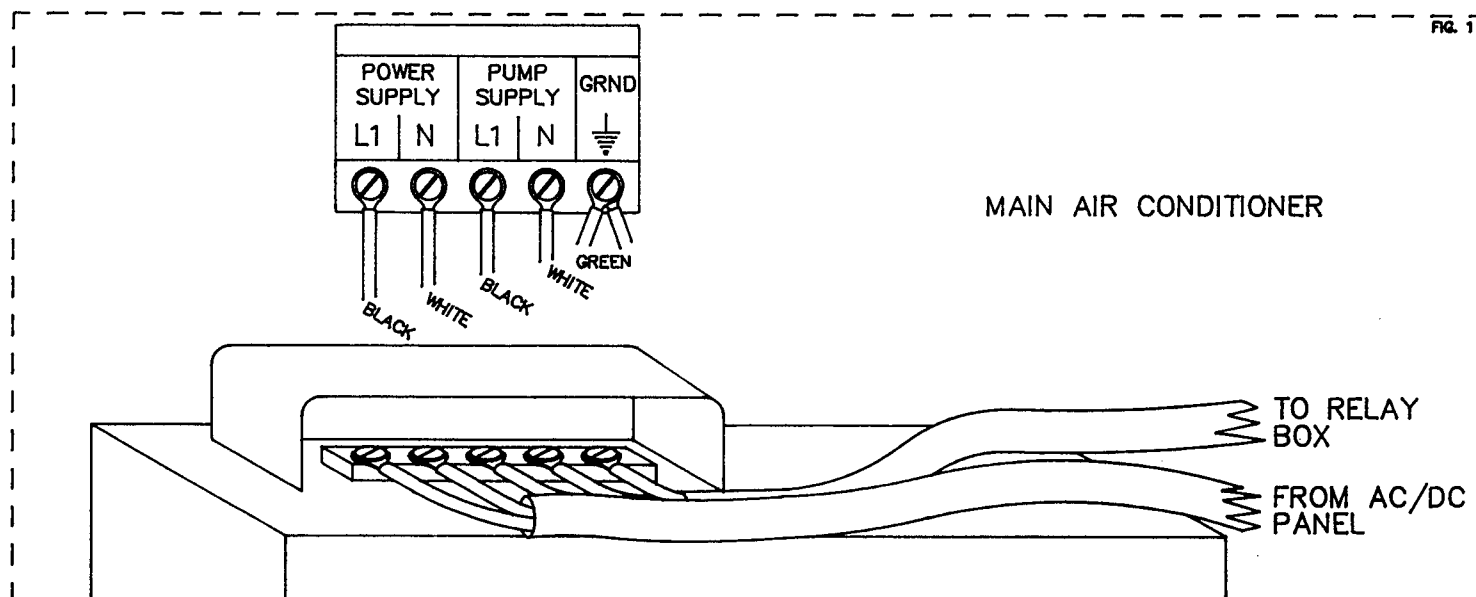
TITLE: 110V AC SCHEMATIC		THUNDERBIRD PRODUCTS
MOD.: F-41 PC		P.O. BOX 1003
DR BY: RLH		DECATUR IN., 46733-5003
NO.: 41-D		DATE: 11/01/85 (219) 724-9111

LEGEND

BREAKER
SWITCH

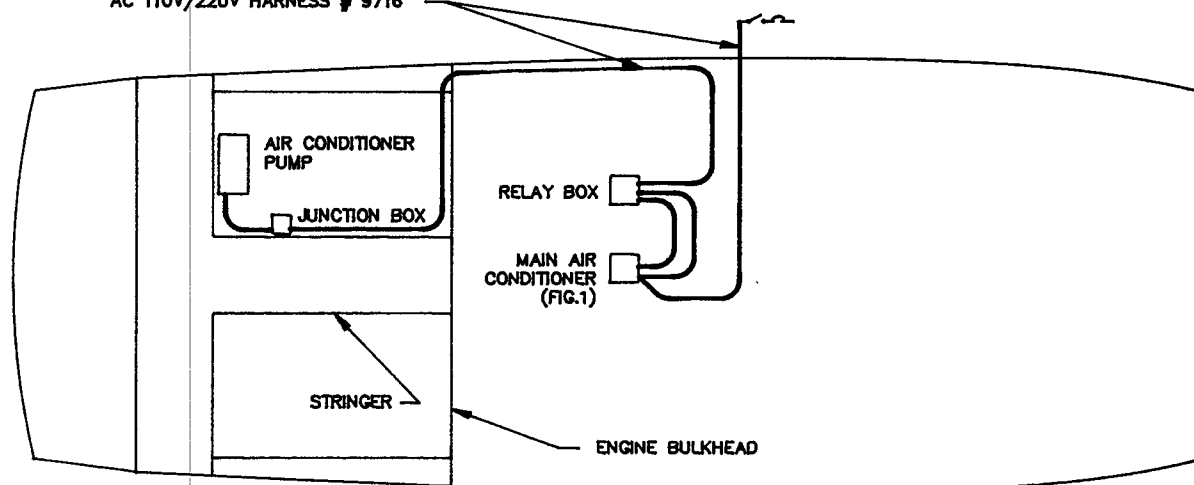


FIG. 1



AC 110V/220V HARNESS # 9716

AC/DC PANEL
110V/30A BREAKER
220V/15A BREAKER
(SEE 41-D,41-E)



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER.
(SEE SHOREPOWER #1, #2 41-11)
(SEE GENERATOR 41-6)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 TO "ON", OR GENERATOR BREAKER TO "ON".
4. ON THE AC/DC PANEL, SWITCH THE "AIR COND." BREAKER TO "ON".
5. THE MAIN AIR CONDITIONER IS NOW SUPPLIED WITH POWER.



THUNDERBIRD
PRODUCTS
ENGINEERING

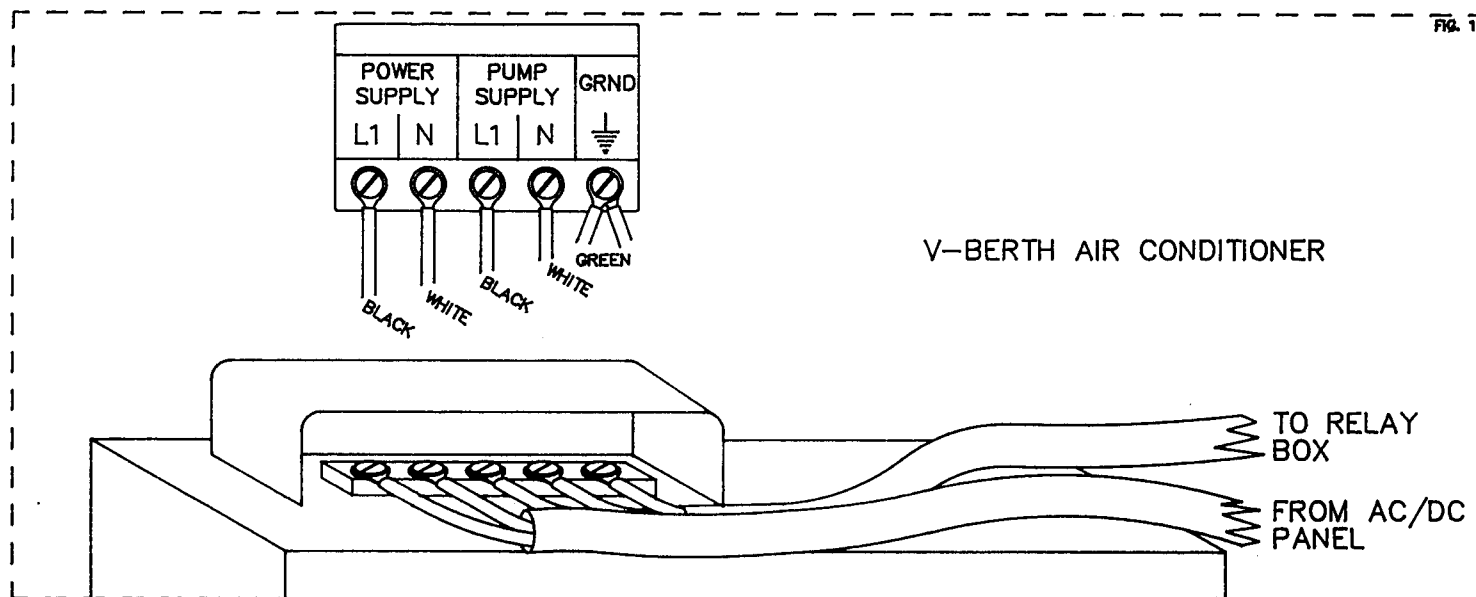
TITLE: AIR CONDITIONER, MAIN CABIN		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-6003
NO.: 41-1	DATE: 11/01/98	(219) 724-9111

LEGEND

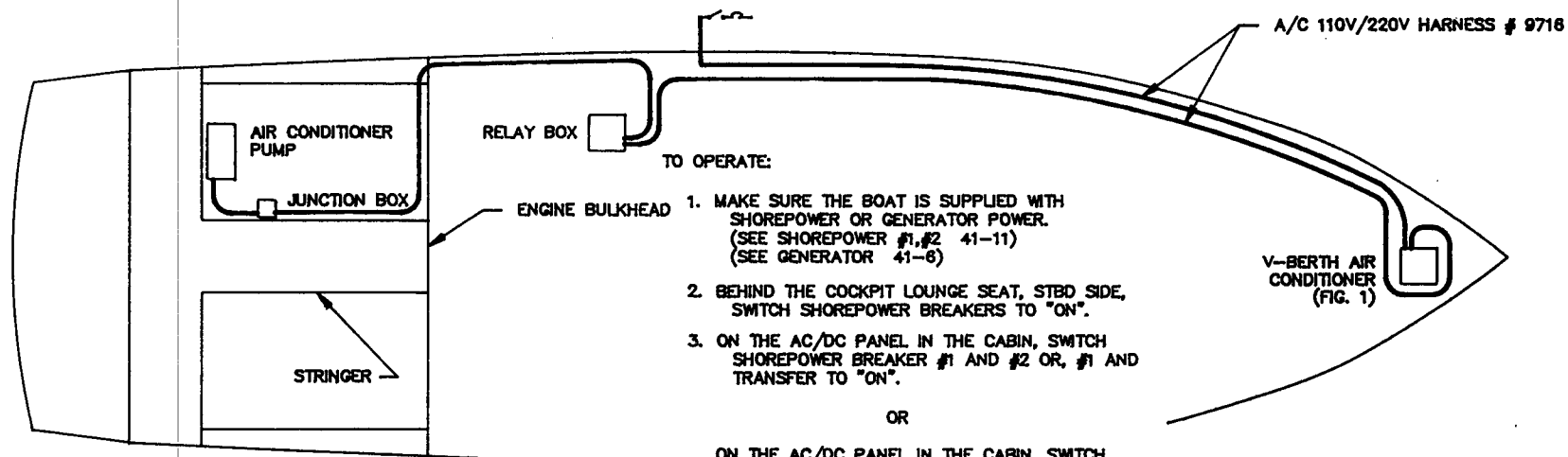
BREAKER
SWITCH



FIG. 1



AC/DC PANEL
110V/15A BREAKER
220V/10A BREAKER
(SEE 41-D, 41-E)



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER.
(SEE SHOREPOWER #1, #2 41-11)
(SEE GENERATOR 41-6)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 AND #2 OR, #1 AND TRANSFER TO "ON".

OR

ON THE AC/DC PANEL IN THE CABIN, SWITCH THE GENERATOR BREAKER AND TRANSFER TO "ON".

4. ON THE AC/DC PANEL, SWITCH THE "AIR COND." BREAKER AND THE "ACC/AIR COND." BREAKER TO "ON".
5. THE V-BERTH AIR CONDITIONER IS NOW SUPPLIED WITH POWER.

NOTE: BOTH AIR CONDITIONER BREAKERS MUST BE IN THE "ON" POSITION FOR THE V-BERTH AIR CONDITIONER TO BE OPERATIONAL.

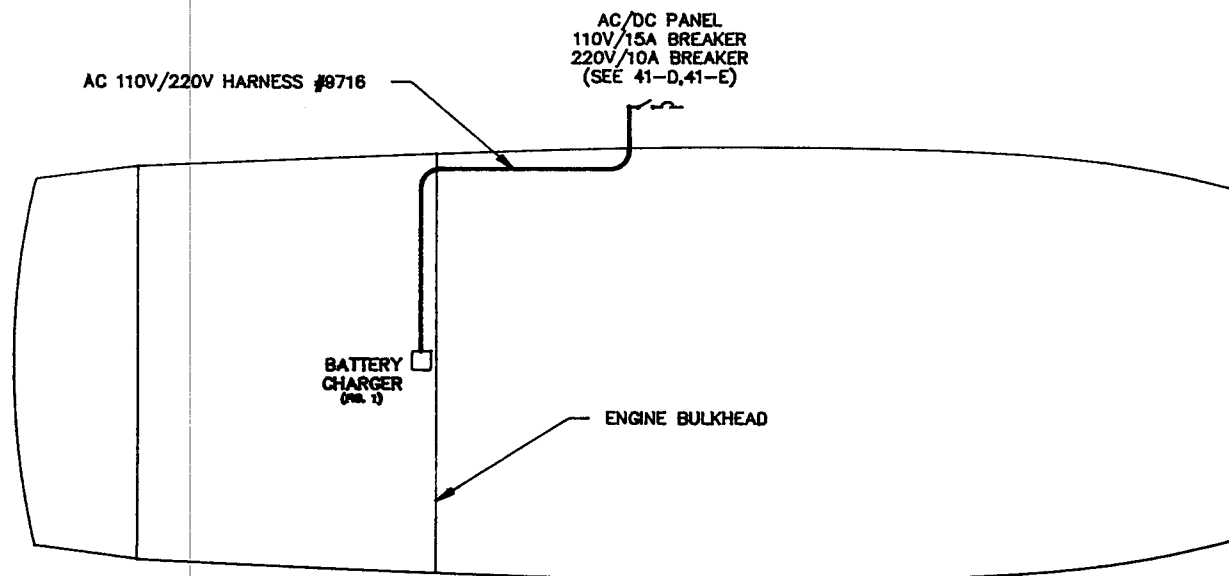
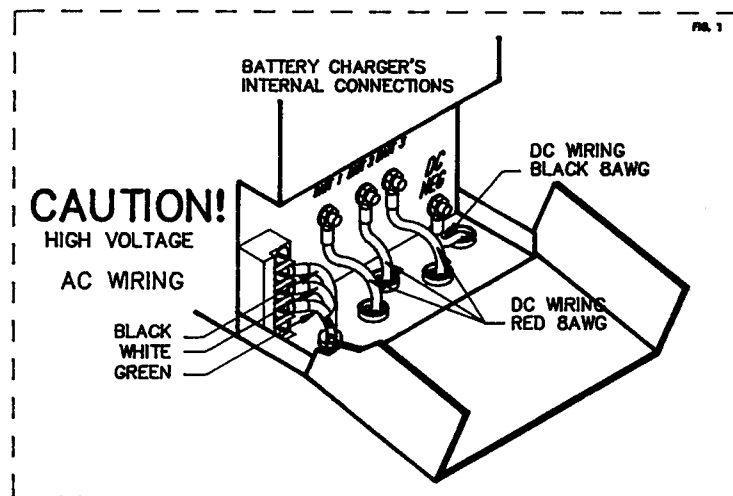


THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: AIR CONDITIONER, V-BERTH		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-2	DATE: 11/01/88	(219) 724-9111

LEGEND

BREAKER
SWITCH



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER. (SEE SHOREPOWER #1, #2 41-11) (SEE GENERATOR 41-6)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 TO "ON", OR GENERATOR BREAKER TO "ON".
4. ON THE AC/DC PANEL, SWITCH THE "BATTERY CHARGER" BREAKER TO "ON".
5. CHECK FACE OF BATTERY CHARGER FOR "DC AVAILABLE" LIGHT.
6. AFTER 24 HOURS OF CHARGING, BATTERIES SHOULD READ 12+ VOLTS ON THE DASH VOLTMETER.
7. IF BATTERIES READ BELOW 12V OR DROP BELOW 12V WITHIN 15 MINUTES, HAVE THE VOLTMETER CHECKED, THEN THE BATTERIES.

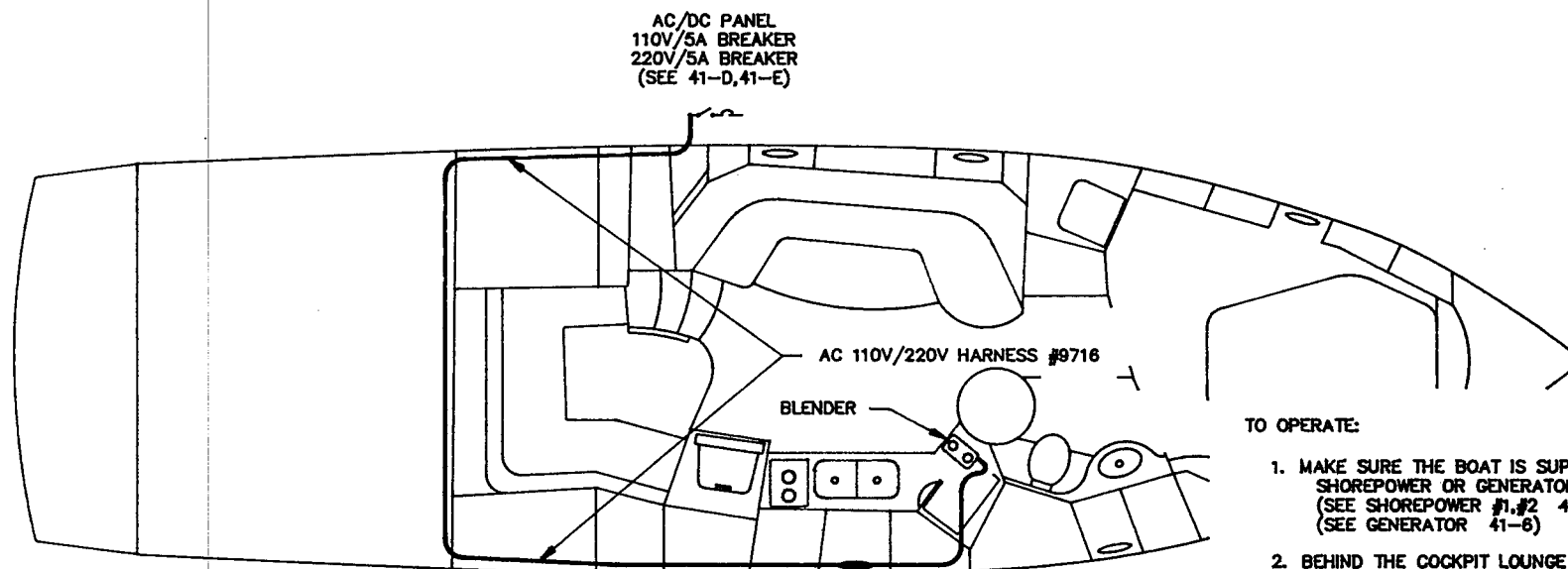


THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: BATTERY CHARGER		THUNDERBIRD PRODUCTS	
		P.O. BOX 1003	
MOD.: F-41 PC	DR BY: RLH	DECATUR IN. 48733-5003	
NO.: 41-3	DATE: 11/01/06	(219) 724-9111	

LEGEND

BREAKER
SWITCH



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER.
(SEE SHOREPOWER #1, #2 41-11)
(SEE GENERATOR 41-6)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 AND #2 OR, #1 AND TRANSFER TO "ON".

OR

ON THE AC/DC PANEL IN THE CABIN, SWITCH THE GENERATOR BREAKER AND TRANSFER TO "ON".

4. ON THE AC/DC PANEL, SWITCH THE "BLENDER" BREAKER TO "ON".
5. THE BLENDER IS NOW SUPPLIED WITH POWER.



THUNDERBIRD
PRODUCTS
ENGINEERING

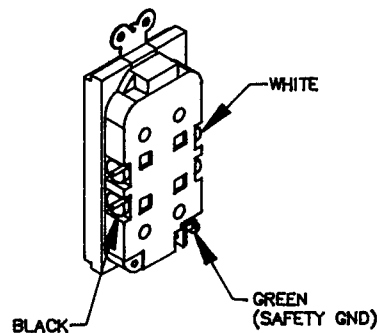
TITLE: BLENDER		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-4	DATE: 11/01/86	(219) 724-9111

LEGEND

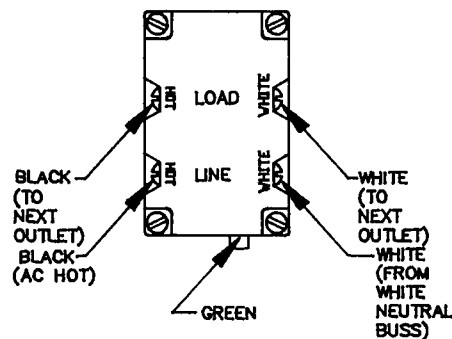
BREAKER SWITCH 

OUTLET 

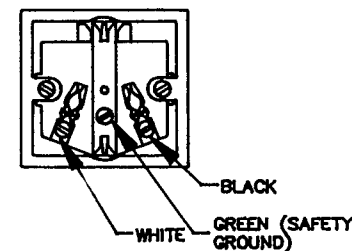
GFCI OUTLET 



110V AC OUTLET



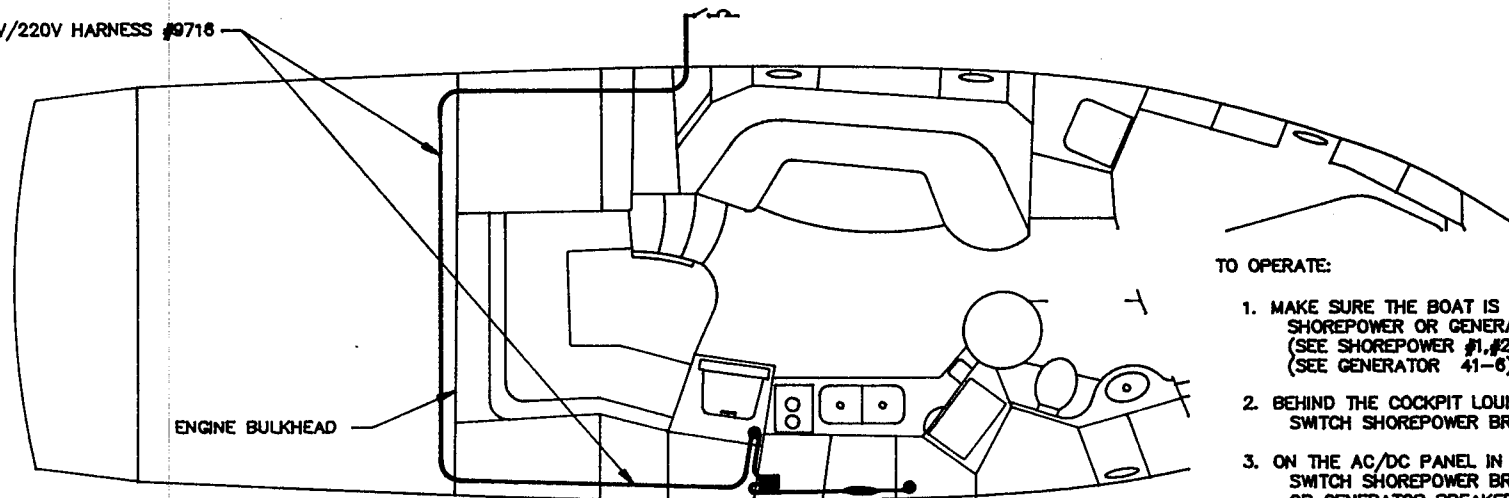
110V AC GFCI OUTLET



220V AC OUTLET

AC/DC PANEL
110V/15A BREAKER
220V/15A BREAKER
(SEE 41-D, 41-E)

AC 110V/220V HARNESS #9718



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER. (SEE SHOREPOWER #1, #2 41-11) (SEE GENERATOR 41-6)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 TO "ON", OR GENERATOR BREAKER TO "ON".
4. ON THE AC/DC PANEL, SWITCH THE "GALLEY OUTLETS" BREAKER TO "ON".
5. THE GALLEY OUTLETS ARE NOW SUPPLIED WITH POWER.

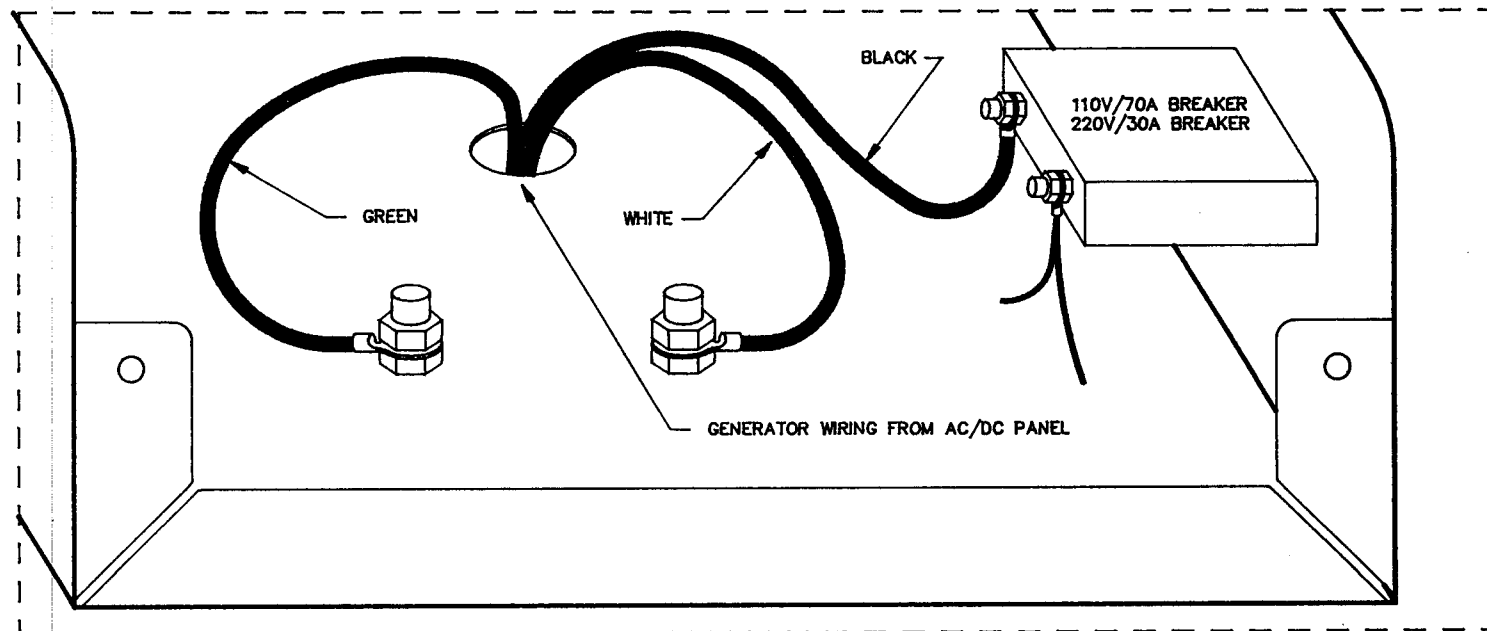


THUNDERBIRD
PRODUCTS
ENGINEERING

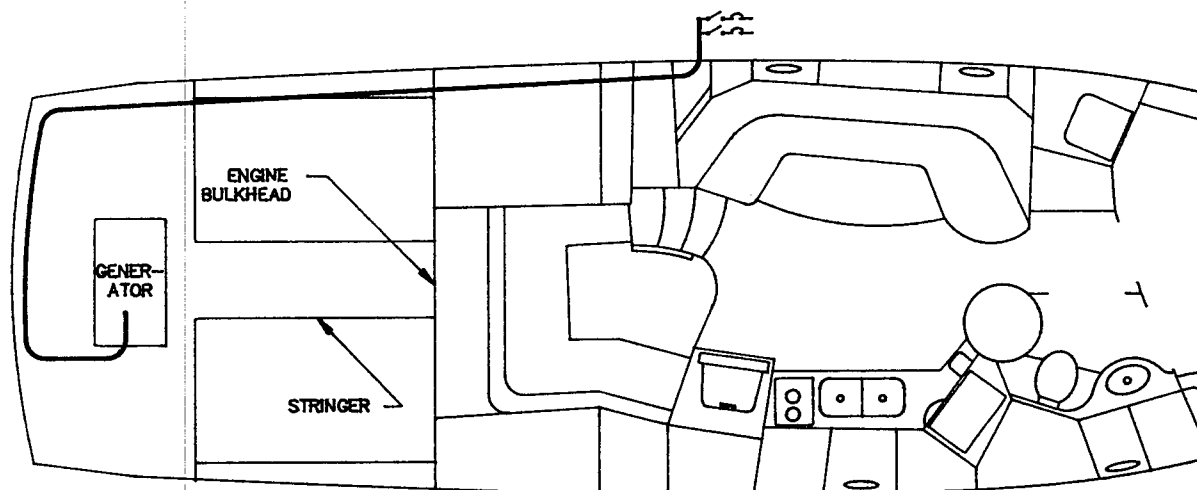
TITLE: GALLEY OUTLETS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-5	DATE: 11/01/98	(219) 724-9111

LEGEND

BREAKER
SWITCH



AC/DC PANEL
110V/70A BREAKER
220V/30A BREAKER
(SEE 41-D, 41-E)



AFTER READING AND UNDERSTANDING THE GENERATOR OPERATORS MANUAL: TO OPERATE GENERATOR FROM THE REMOTE SWITCH:

1. TEST THE CARBON MONOXIDE DETECTOR AND BE CERTAIN IT IS OPERATING PROPERLY.
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "BLOWERS" BREAKER TO "ON" AND RUN THEM A MINIMUM OF FOUR (4) MINUTES.
3. PLACE THE "SHOREPOWER 1/GENERATOR" SLIDE BAR IN THE "SHOREPOWER 1" POSITION.
4. SWITCH ALL AC CIRCUIT BREAKERS TO THE "OFF" POSITION.
5. PRESS AND HOLD THE GENERATOR "START" SWITCH. NOTE: DO NOT CRANK THE ENGINE CONTINUOUSLY FOR MORE THAN TEN (10) SECONDS AT A TIME.
6. AFTER THE GENERATOR IS "RUNNING", PLACE THE "SHOREPOWER 1/GENERATOR" SLIDE BAR IN THE "GENERATOR POSITION."
7. PLACE THE "SHOREPOWER 2/TRANSFER" SLIDE BAR IN THE "TRANSFER" POSITION.
8. SWITCH "ON" THE AC CIRCUIT BREAKERS (ONE AT A TIME) FOR THE ITEMS TO BE USED.



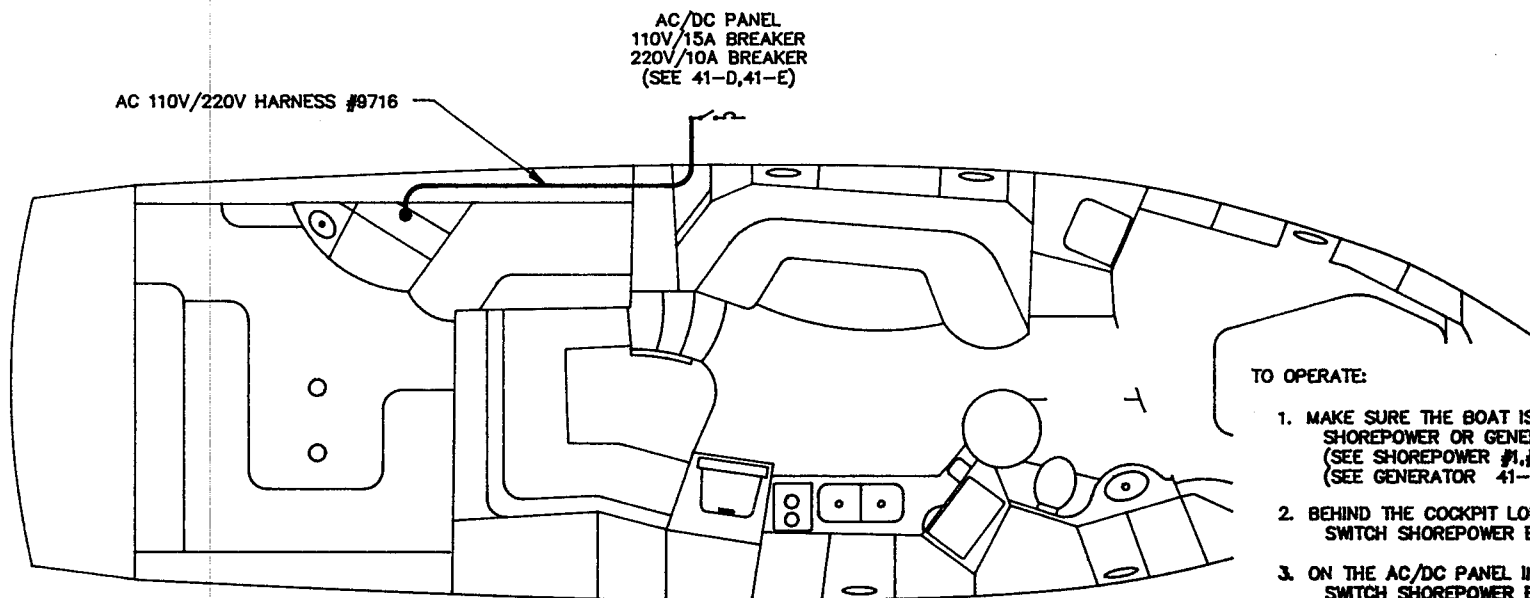
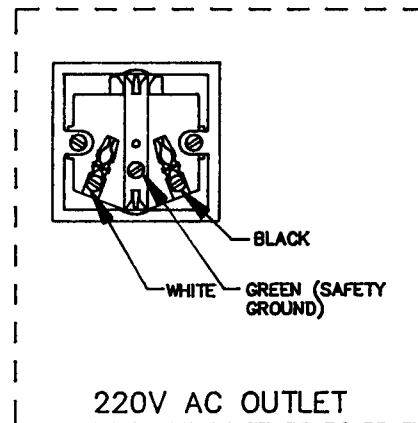
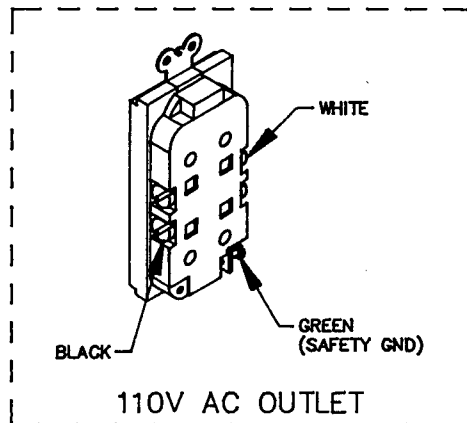
THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: GENERATOR		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-6	DATE: 11/01/86	(218) 724-9111

LEGEND

BREAKER SWITCH 

OUTLET 



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER.
(SEE SHOREPOWER #1, #2 41-11)
(SEE GENERATOR 41-6)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 TO "ON", OR GENERATOR BREAKER TO "ON".
4. ON THE AC/DC PANEL, SWITCH THE "ICE MAKER" BREAKER TO "ON".
5. THE ICE MAKER IS NOW SUPPLIED WITH POWER.



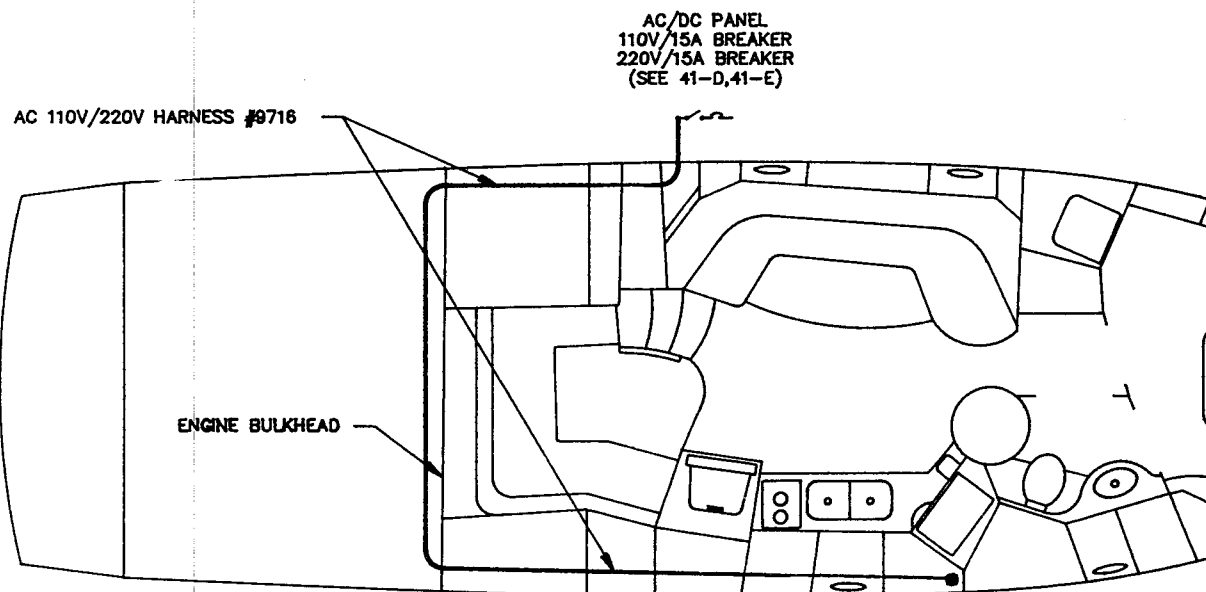
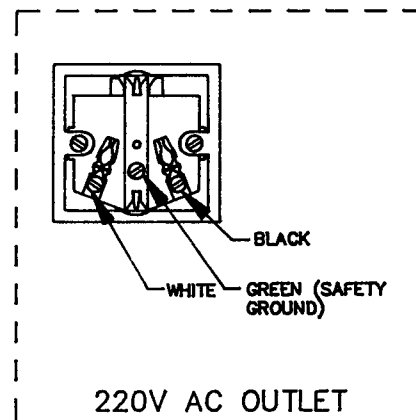
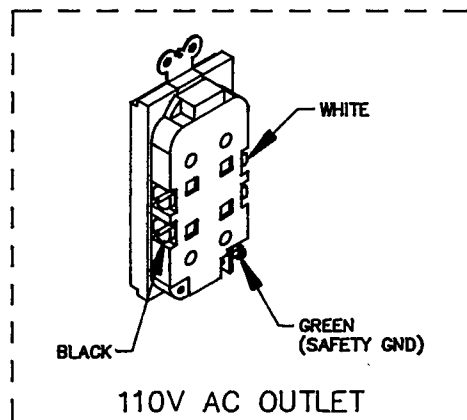
THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: ICE MAKER		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN. 48733-5003
NO.: 41-7	DATE: 11/01/86	(219) 724-9111

LEGEND

BREAKER
SWITCH

OUTLET



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER.
(SEE SHOREPOWER #1, #2 41-11)
(SEE GENERATOR 41-8)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 AND #2 OR, #1 AND TRANSFER TO "ON".

OR

ON THE AC/DC PANEL IN THE CABIN, SWITCH THE GENERATOR BREAKER AND TRANSFER TO "ON".

4. ON THE AC/DC PANEL, SWITCH THE "MICROWAVE" BREAKER TO "ON".
5. THE MICROWAVE IS NOW SUPPLIED WITH POWER.



THUNDERBIRD
PRODUCTS
ENGINEERING

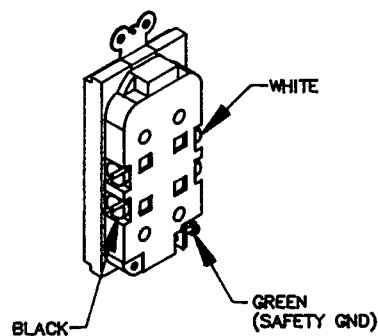
TITLE: MICROWAVE		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-6003
NO.: 41-8	DATE: 11/01/86	(219) 724-8111

LEGEND

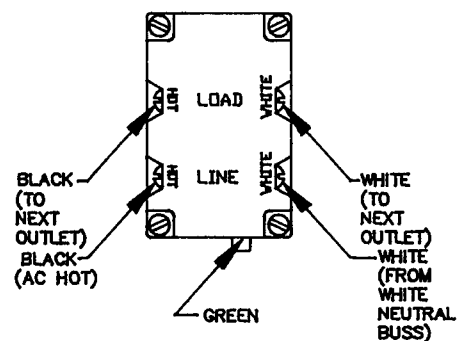
BREAKER SWITCH 

OUTLET 

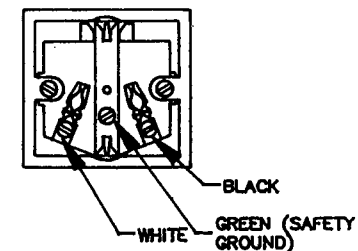
GFCI OUTLET 



110V AC OUTLET

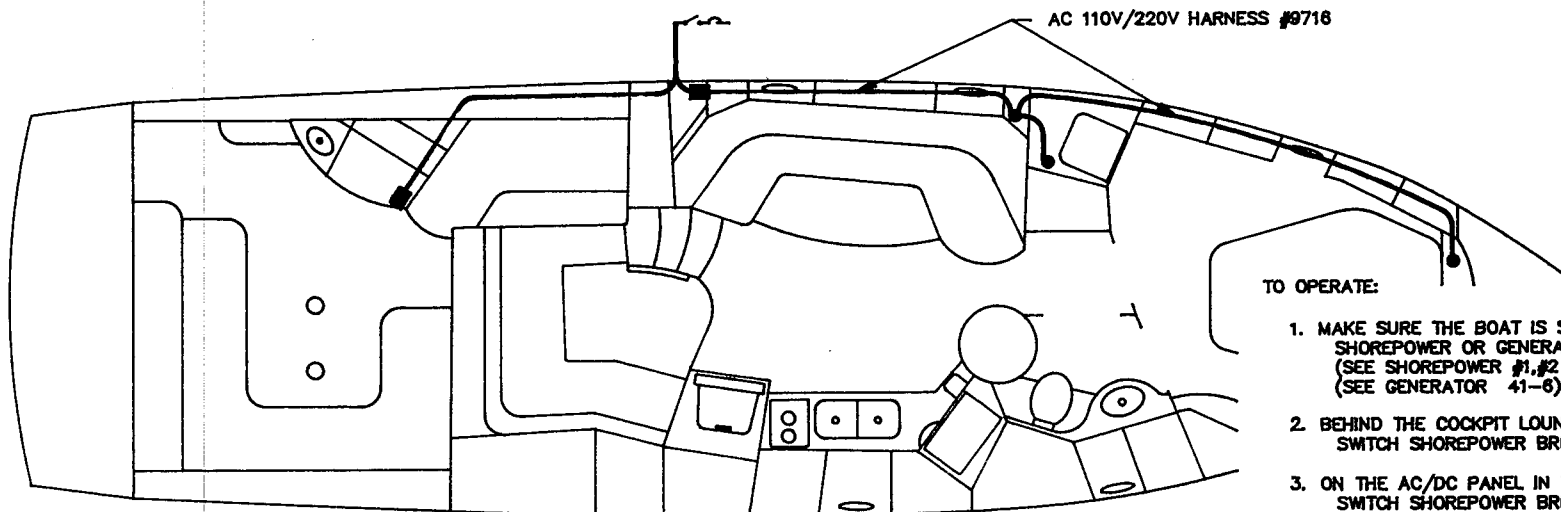


110V AC GFCI OUTLET



220V AC OUTLET

AC/DC PANEL
110V/15A BREAKER
220V/15A BREAKER
(SEE 41-D, 41-E)



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER. (SEE SHOREPOWER #1, #2 41-11) (SEE GENERATOR 41-6)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 TO "ON", OR GENERATOR BREAKER TO "ON".
4. ON THE AC/DC PANEL, SWITCH THE "PORT OUTLETS" BREAKER TO "ON".
5. THE PORT OUTLETS ARE NOW SUPPLIED WITH POWER.



THUNDERBIRD
PRODUCTS
ENGINEERING

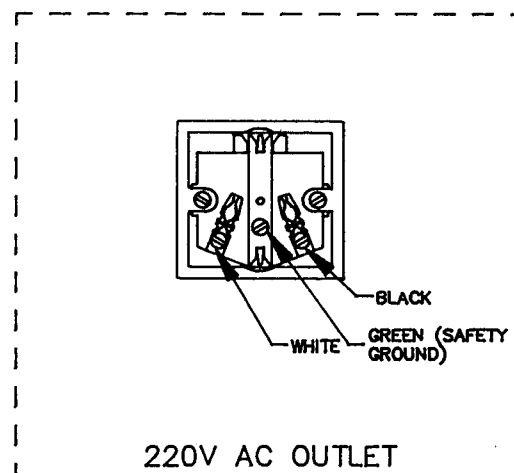
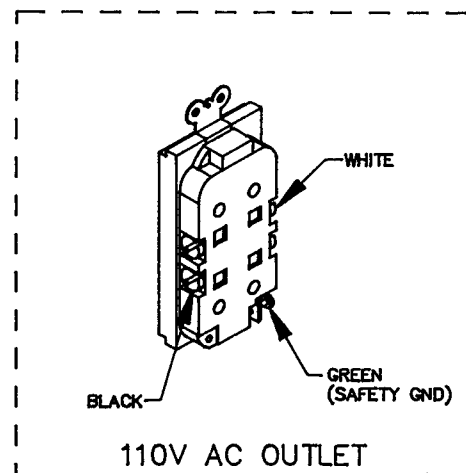
TITLE: PORT OUTLETS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN. 46733-5003
NO.: 41-9	DATE: 11/01/86	(219) 724-9111

LEGEND

BREAKER
SWITCH

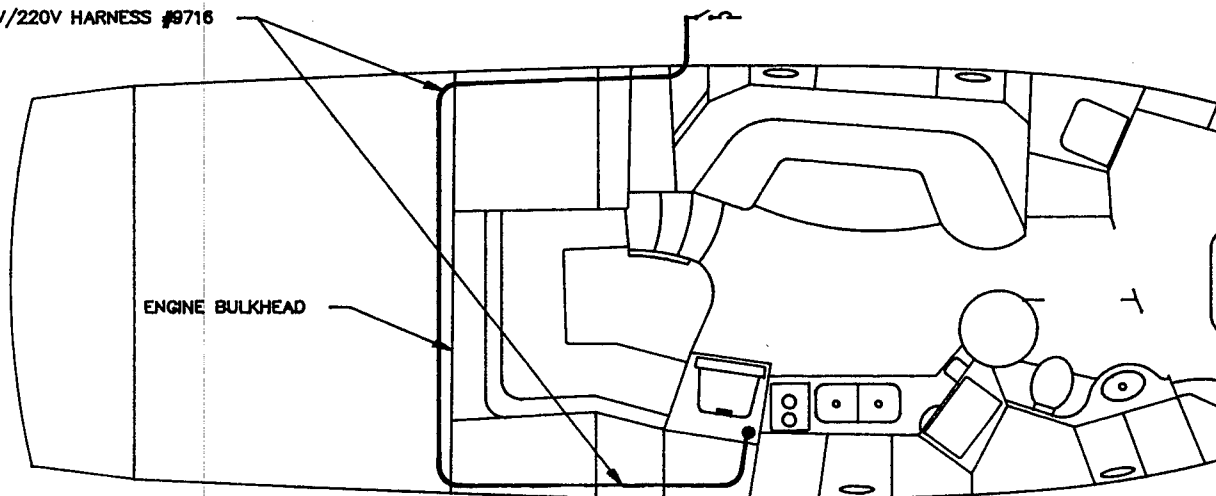


OUTLET



AC 110V/220V HARNESS #9716

AC/DC PANEL
110V/5A BREAKER
220V/5A BREAKER
(SEE 41-D, 41-E)



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER.
(SEE SHOREPOWER #1, #2 41-11)
(SEE GENERATOR 41-6)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 AND #2 OR, #1 AND TRANSFER TO "ON".

OR

ON THE AC/DC PANEL IN THE CABIN, SWITCH THE GENERATOR BREAKER AND TRANSFER TO "ON".

4. ON THE AC/DC PANEL, SWITCH THE "REFRIG." BREAKER TO "ON".
5. THE REFRIGERATOR IS NOW SUPPLIED WITH POWER.

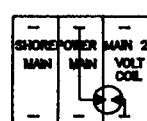
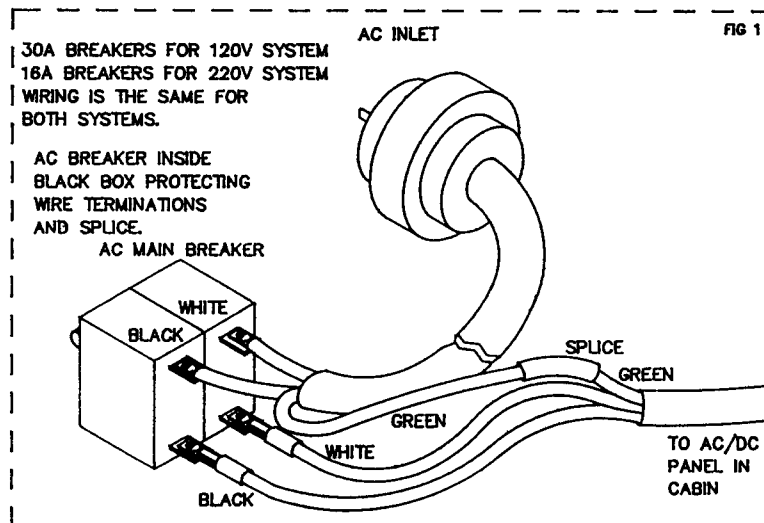


THUNDERBIRD
PRODUCTS
ENGINEERING

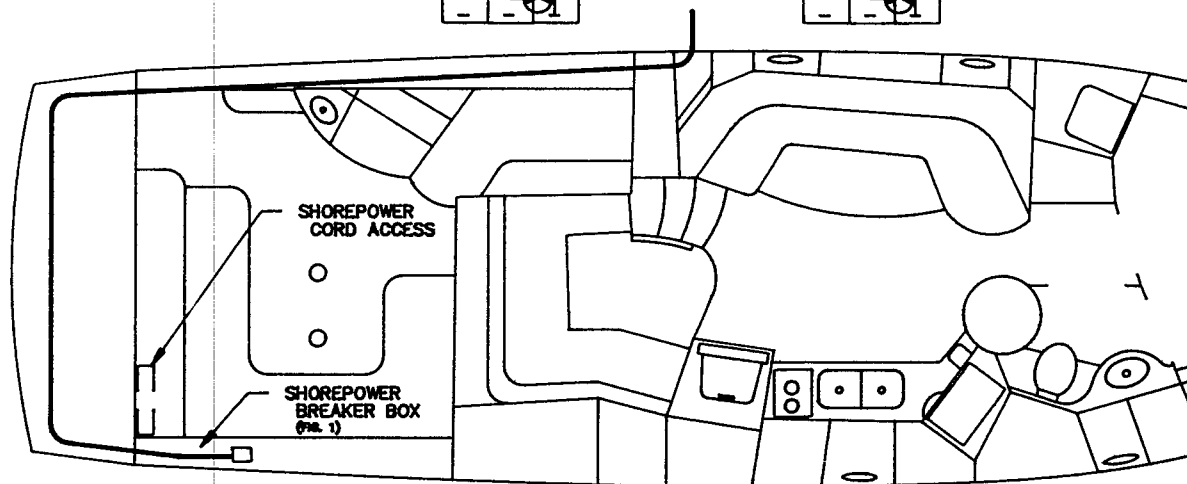
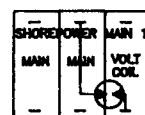
TITLE: REFRIGERATOR		THUNDERBIRD PRODUCTS	
		P.O. BOX 1003	
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003	
NO.: 41-10	DATE: 11/01/88	(219) 724-9111	

LEGEND

BREAKER
SWITCH



AC/DC PANEL
110V/30A BREAKER
220V/16A BREAKER
(SEE 41-D, 41-E)



(READ THIS COMPLETELY BEFORE OPERATING) TO OPERATE:

- BEFORE PLUGGING INTO SHOREPOWER, SWITCH "OFF" ALL AC EQUIPMENT AND MAIN BREAKERS ON AC/DC PANEL IN CABIN. ALSO SWITCH "OFF" SHOREPOWER MAIN BREAKERS BEHIND AFT COCKPIT LOUNGE SEAT (STBD SIDE).
- PLUG BOATS SHOREPOWER CORD(S) INTO SHOREPOWER.
- SWITCH SHOREPOWER MAIN BREAKERS TO "ON" BEHIND AFT LOUNGE SEAT (STBD SIDE).
- IN CABIN, SWITCH SHOREPOWER BREAKERS TO "ON".
WARNING !
IF REVERSED POLARITY LIGHT IS ILLUMINATED:
- DO NOT TOUCH ELECTRICAL APPLIANCES
- LEAVE SHIP IMMEDIATELY
- DISCONNECT ALL SHOREPOWER
ALSO:
- CONTACT MARINA TO HAVE SHOREPOWER TESTED FOR REVERSED POLARITY
- CONTACT FORMULA'S TECHNICAL ASSISTANCE GROUP FOR ADDITIONAL ASSISTANCE.
- WHEN THE MAIN BREAKERS OR MAIN BREAKER #1 AND TRANSFER ARE "ON", AND NO REVERSE POLARITY LIGHT IS ILLUMINATED, ALL AC EQUIPMENT BREAKERS ARE SUPPLIED WITH POWER.
- EQUIPMENT IS OPERATIONAL WHEN THE BREAKER BEARING THE EQUIPMENTS NAME IS "ON".



THUNDERBIRD
PRODUCTS
ENGINEERING

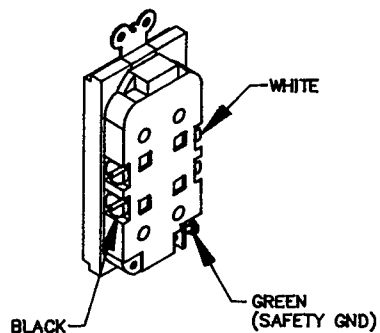
TITLE: SHOREPOWER #1, #2		THUNDERBIRD PRODUCTS
MOD.: F-41 PC		P.O. BOX 1003
DR BY: RLH		DECATUR IN., 46733-5003
NO.: 41-11		(219) 724-8111
DATE: 11/01/86		

LEGEND

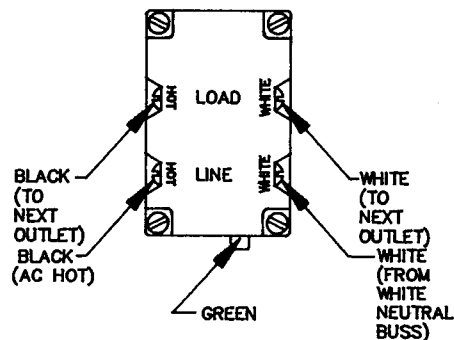
BREAKER SWITCH 

OUTLET 

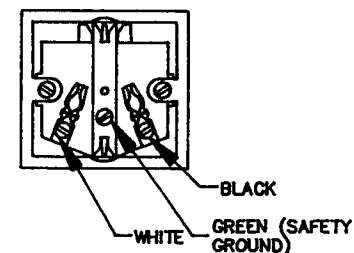
GFCI OUTLET 



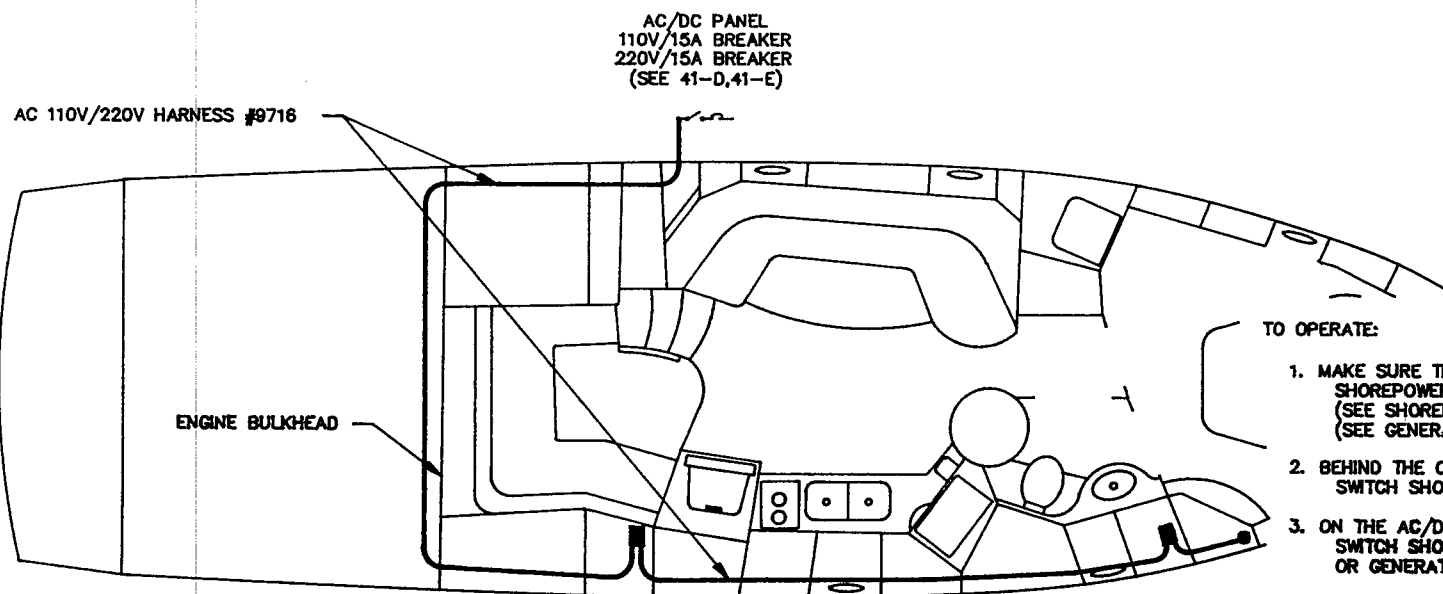
110V AC OUTLET



110V AC GFCI OUTLET



220V AC OUTLET



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER. (SEE SHOREPOWER #1, #2 41-11) (SEE GENERATOR 41-8)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 TO "ON", OR GENERATOR BREAKER TO "ON".
4. ON THE AC/DC PANEL, SWITCH THE "STBD OUTLETS" BREAKER TO "ON".
5. THE STBD OUTLETS ARE NOW SUPPLIED WITH POWER.



THUNDERBIRD
PRODUCTS
ENGINEERING

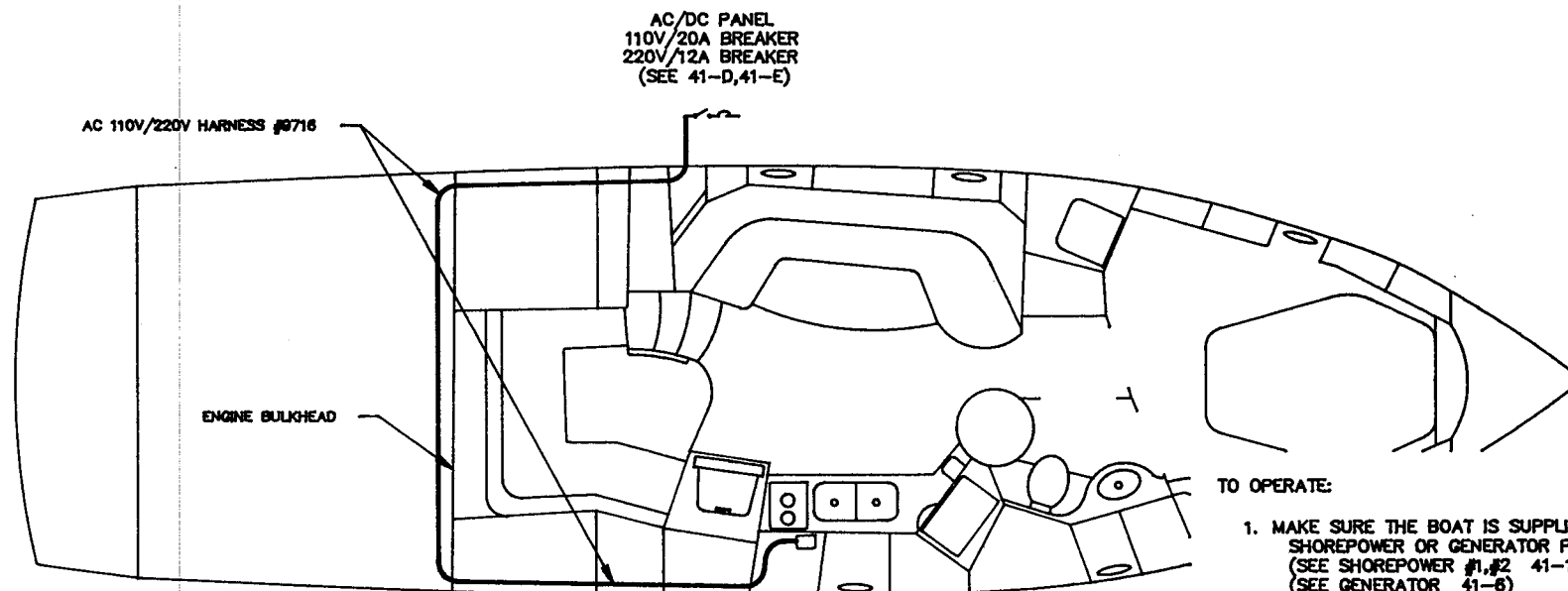
TITLE: STBD OUTLETS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-12	DATE: 11/01/88	(218) 724-8111

LEGEND

BREAKER
SWITCH



JUNCTION
BOX



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER.
(SEE SHOREPOWER #1, #2 41-11)
(SEE GENERATOR 41-6)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 AND #2 OR, #1 AND TRANSFER TO "ON".

OR

ON THE AC/DC PANEL IN THE CABIN, SWITCH THE GENERATOR BREAKER AND TRANSFER TO "ON".

4. ON THE AC/DC PANEL, SWITCH THE "STOVE" BREAKER TO "ON".
5. THE STOVE IS NOW SUPPLIED WITH POWER.



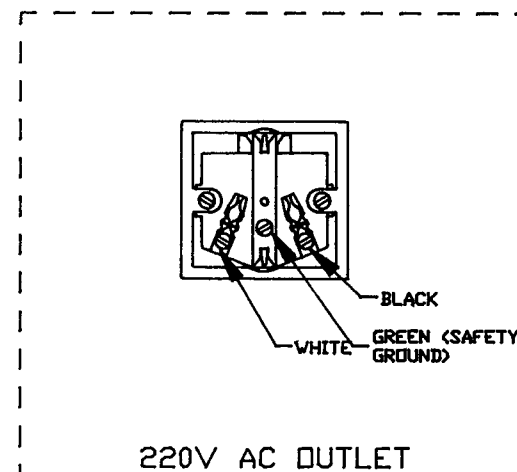
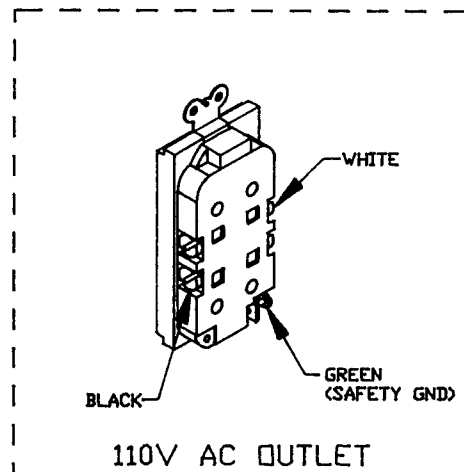
THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: STOVE		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-8003
NO.: 41-13	DATE: 11/01/86	(219) 724-9111

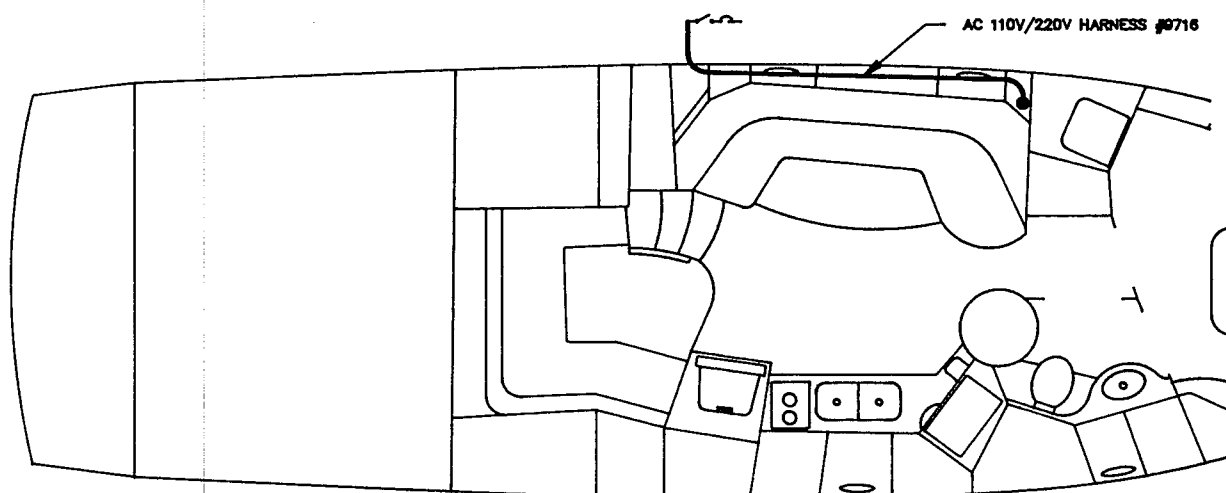
LEGEND

BREAKER
SWITCH

OUTLET



AC/DC PANEL
110V/10A BREAKER
220V/5A BREAKER
(SEE 41-D, 41-E)



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER.
(SEE SHOREPOWER #1, #2 41-11)
(SEE GENERATOR 41-6)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 AND #2 OR, #1 AND TRANSFER TO "ON".

OR

ON THE AC/DC PANEL IN THE CABIN, SWITCH THE GENERATOR BREAKER AND TRANSFER TO "ON".

4. ON THE AC/DC PANEL, SWITCH THE "WALL VACUUM" BREAKER TO "ON".
5. THE WALL VACUUM IS NOW SUPPLIED WITH POWER.

NOTE: VACUUM WILL START TO RUN WHEN THE HOSE IS INSERTED INTO THE VACUUM UNIT.

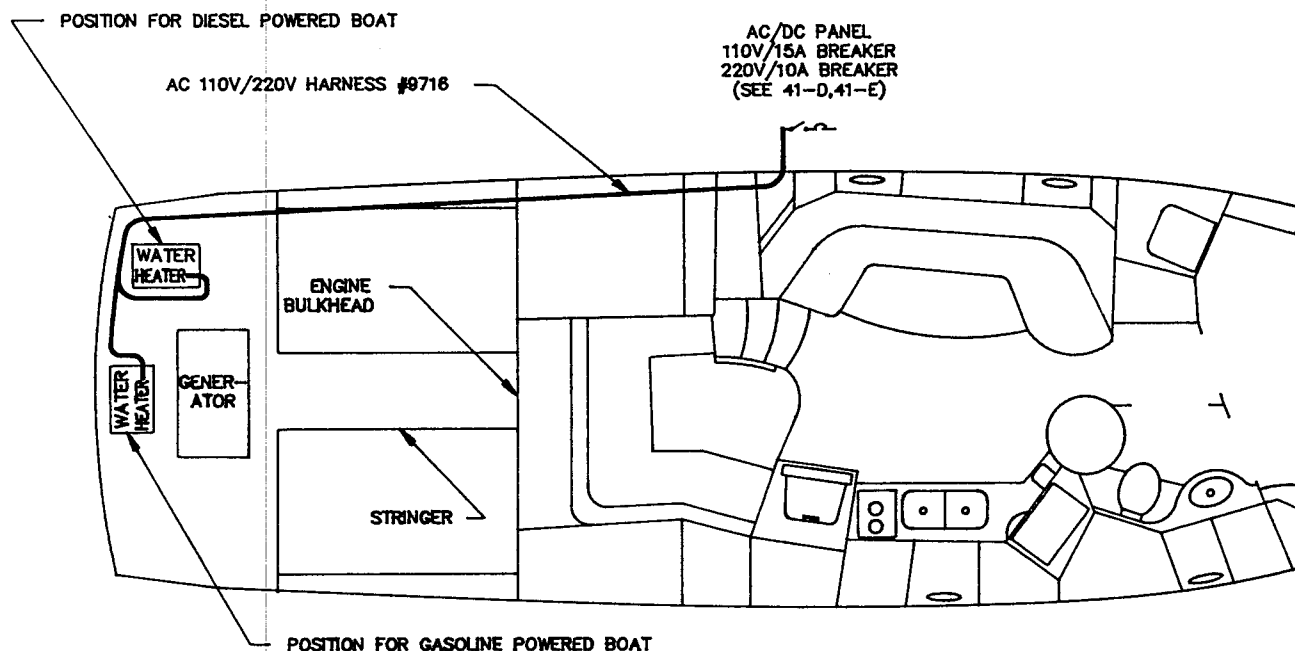
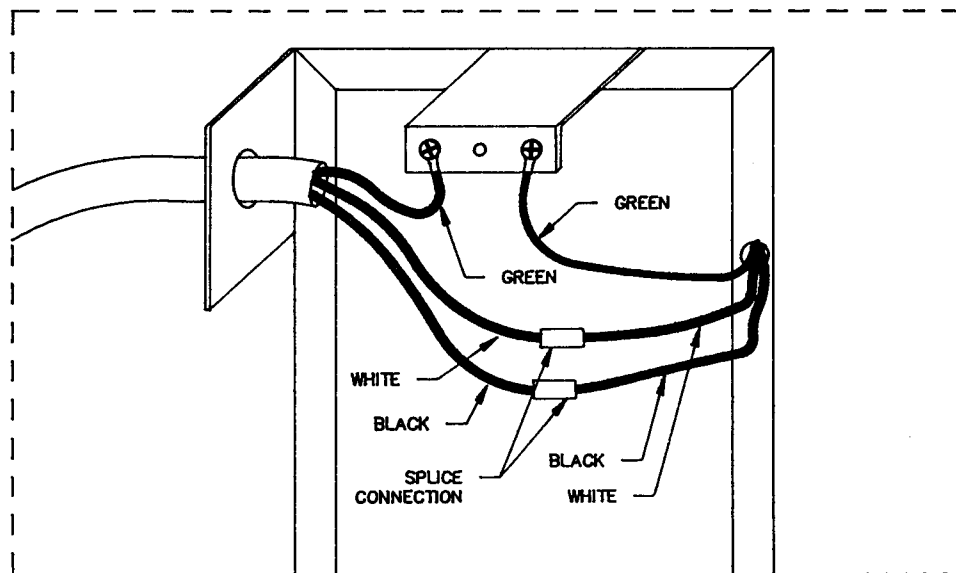


THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: WALL VACUUM		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-14	DATE: 11/01/88	(219) 724-9111

LEGEND

BREAKER
SWITCH



TO OPERATE:

1. MAKE SURE THE BOAT IS SUPPLIED WITH SHOREPOWER OR GENERATOR POWER. (SEE SHOREPOWER #1, #2 41-11) (SEE GENERATOR 41-6)
2. BEHIND THE COCKPIT LOUNGE SEAT, STBD SIDE, SWITCH SHOREPOWER BREAKERS TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH SHOREPOWER BREAKER #1 AND #2 OR, #1 AND TRANSFER TO "ON".

OR

ON THE AC/DC PANEL IN THE CABIN, SWITCH THE GENERATOR BREAKER AND TRANSFER TO "ON".

4. ON THE AC/DC PANEL, SWITCH THE "WATER HEATER" BREAKER TO "ON".
5. THE WATER HEATER IS NOW SUPPLIED WITH POWER.

CAUTION!: BE SURE BOAT IS SUPPLIED WITH WATER IN FRESH WATER TANK.

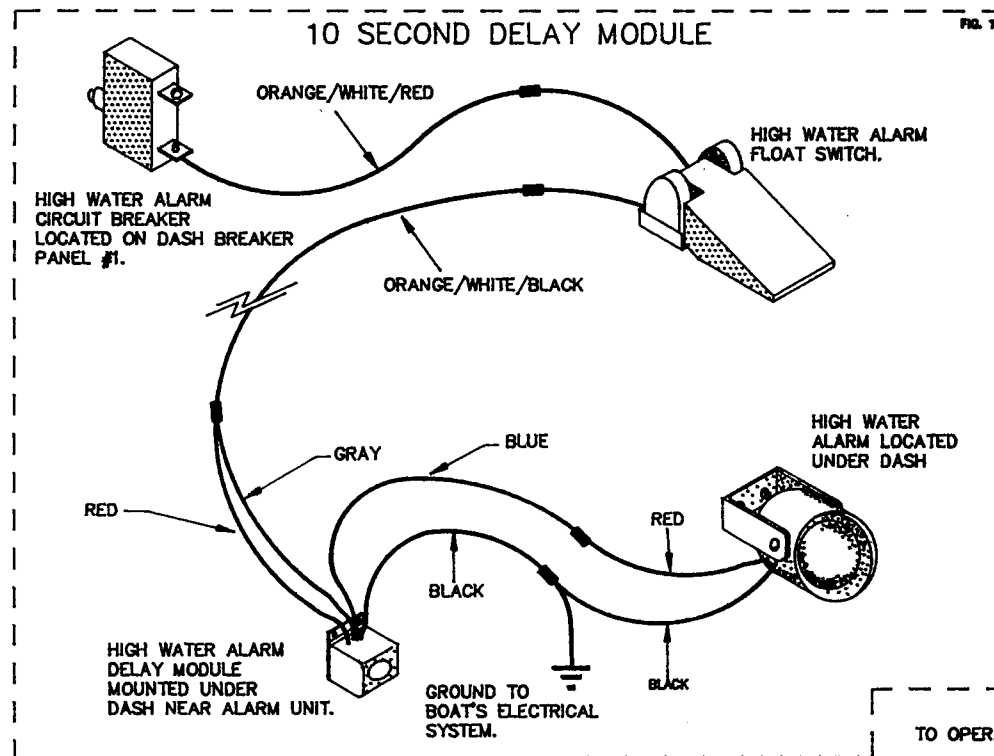


**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: WATER HEATER		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-15	DATE: 11/01/86	(219) 724-9111

LEGEND

BREAKER SWITCH	
FLOAT SWITCH	
BREAKER PANEL	
ALARM SIREN	
PLUG	
DC GROUND	



TO OPERATE:

1. THE "CONST POWER" BREAKER ON THE AFT BREAKER PANEL, UNDER WET BAR, MUST BE PUSHED IN (CLOSED).
2. THE "HIGH WATER ALARM" BREAKER ON DASH BREAKER PANEL #1 MUST BE PUSHED IN (CLOSED).

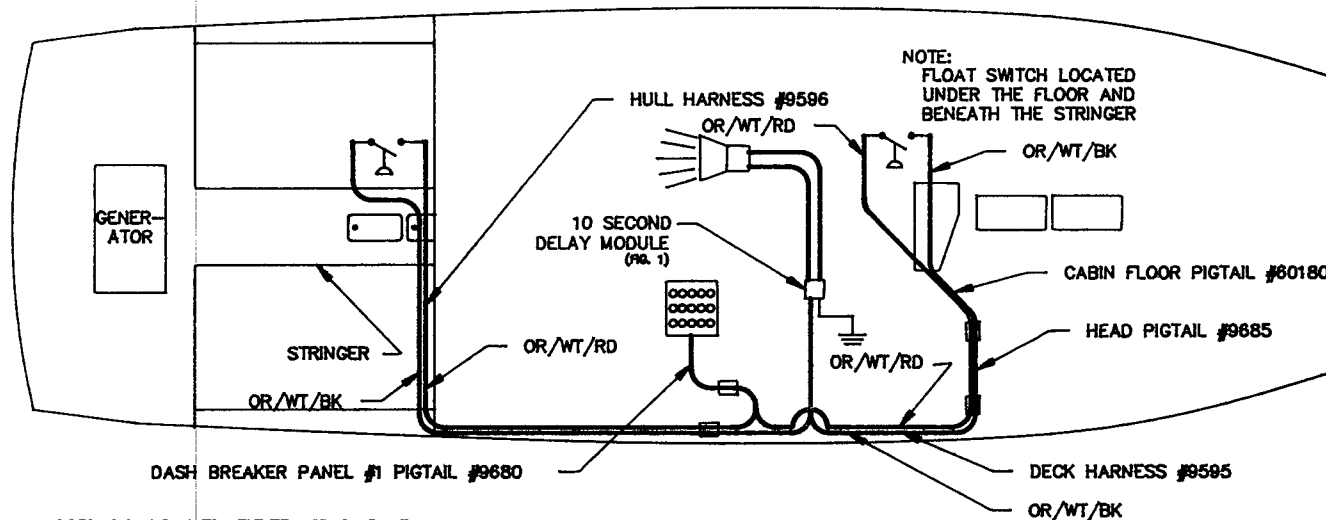
NOTE:

THE BATTERY SELECTOR SWITCH DOES NOT NEED TO BE SWITCHED TO "ON" FOR THE HIGH WATER ALARM TO WORK.

WHEN WATER IN THE ENGINE BILGE OR CABIN IS AT A LEVEL THAT MAY REQUIRE MANUAL PUMPING, THE UNDER DASH ALARM WILL SOUND.

WHEN ALARM SOUNDS:

1. CHECK TRANSOM SEALS AND DRAINS FOR LEAKAGE.
2. CHECK BATTERY LEVELS. THE BILGE PUMPS WILL NOT OPERATE WHEN THE BATTERY IS BELOW FULL CHARGE.
3. CONSULT MARINA'S SERVICE DEPARTMENT OR CONTACT FORMULA'S TECHNICAL ASSISTANCE GROUP.

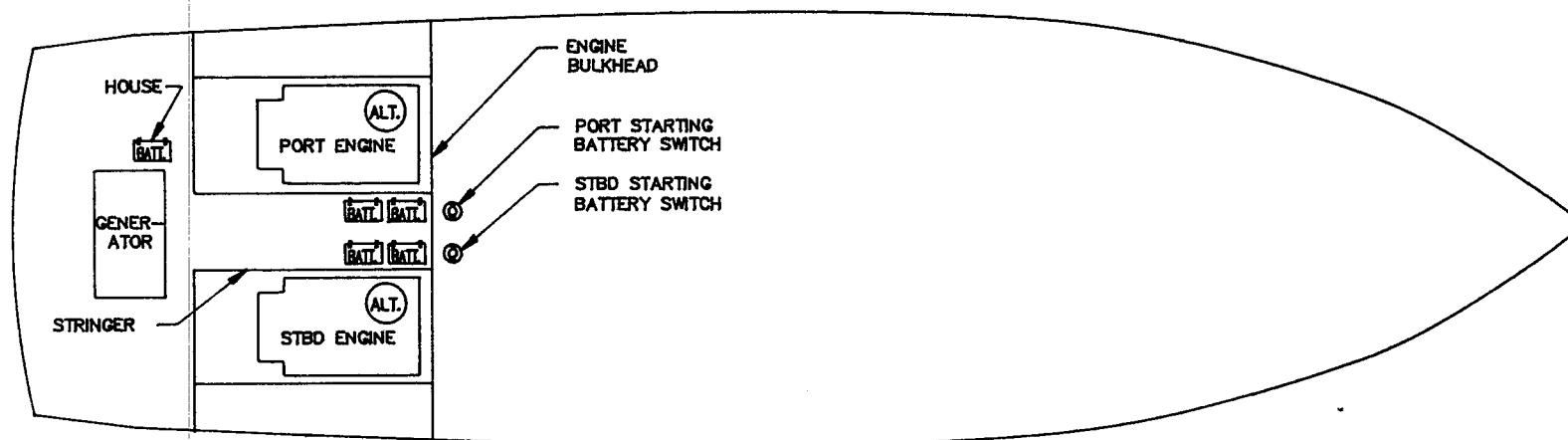
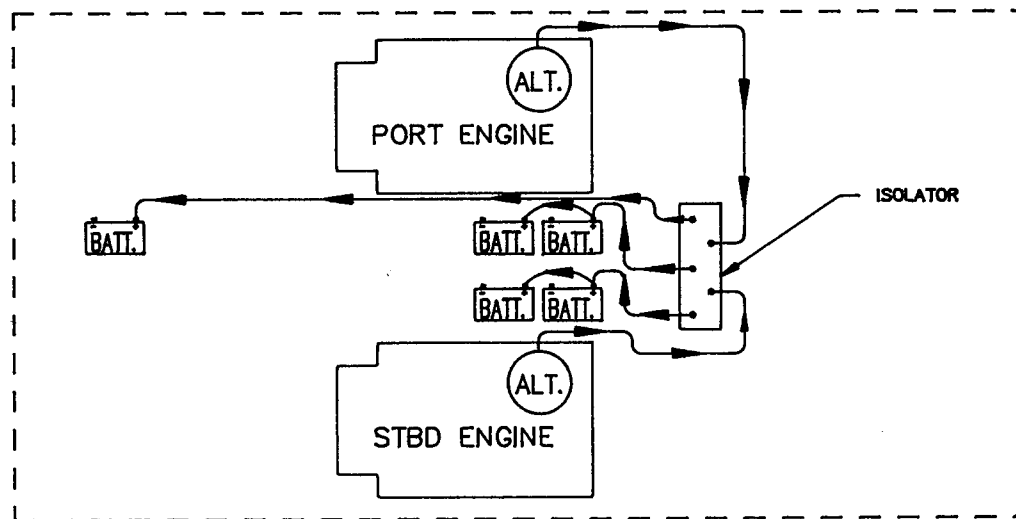


**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: ALARM, HIGH WATER		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-100	DATE: 11/01/86	(219) 724-9111

LEGEND

BATTERY



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: BATTERY CHARGING, ALTERNATORS		THUNDERBIRD PRODUCTS
MOD.: F-41 PC		P.O. BOX 1003
NO.: 41-110	DR BY: RLH	DECATUR IN., 46733-5003
	DATE: 11/01/98	(219) 724-9111

LEGEND

BREAKER SWITCH



BREAKER PANEL



SWITCH



PLUG



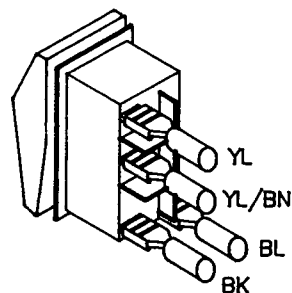
BLOWER



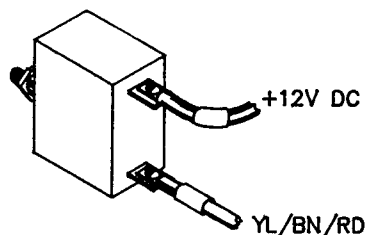
DC GROUND



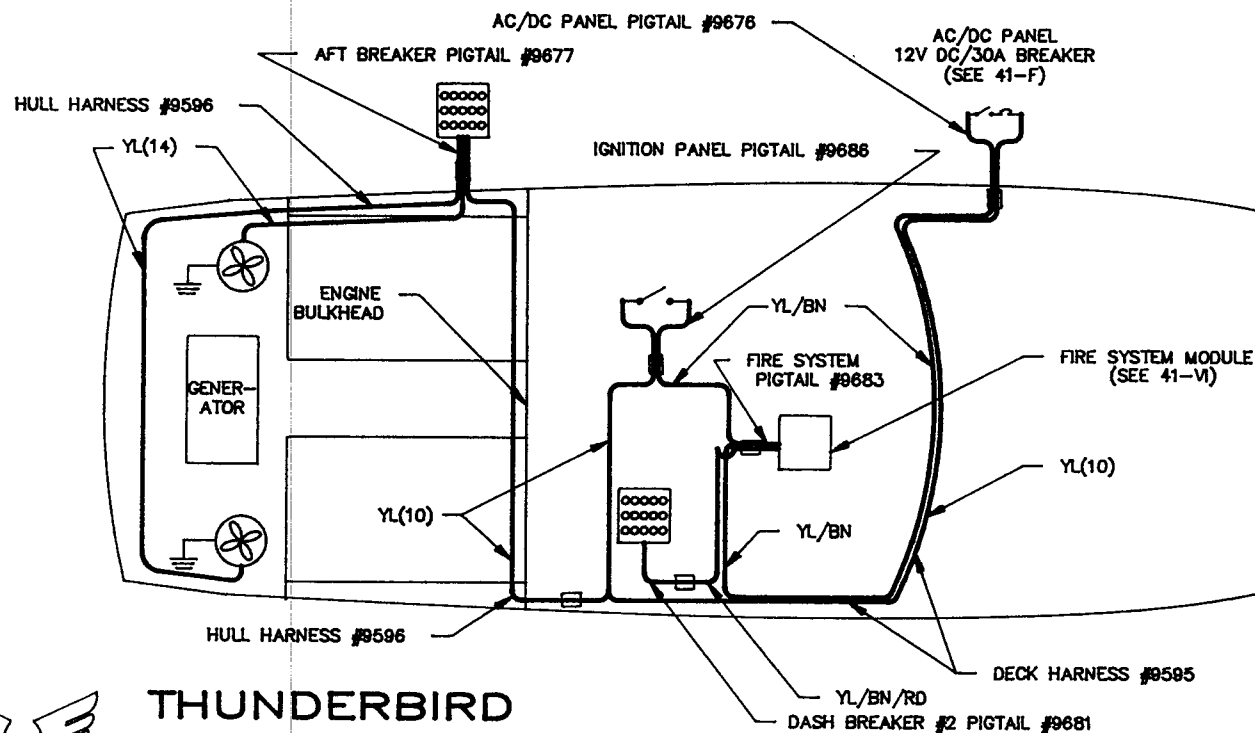
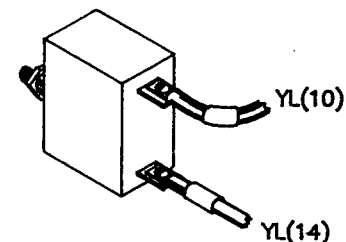
BLOWER SWITCH
(IGNITION PANEL)
(REAR VIEW)



BLOWER BKR 15A
(DASH BKR PANEL #2)
(REAR VIEW)



(2) BLOWER BKR 5A
(AFT BKR PANEL)
(REAR VIEW)



WARNING!

GASOLINE VAPORS CAN EXPLODE.
BEFORE STARTING ENGINES:

- CHECK ENGINE BILGE FOR GASOLINE VAPORS.
- OPERATE BLOWERS FOR 4 MINUTES
- RUN BLOWERS BELOW CRUISING SPEED.

TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #2, THE "BLOWERS" BREAKER MUST BE PUSHED IN (CLOSED).
3. ON THE AFT BREAKER PANEL, BOTH OF THE "BLOWER" BREAKERS MUST BE PUSHED IN (CLOSED).
4. THE BLOWERS CAN NOW BE OPERATED BY THE "BLOWER" SWITCH ON THE IGNITION PANEL.
5. THE BLOWERS CAN ALSO BE OPERATED BY SWITCHING THE "BLOWERS" BREAKER ON THE AC/DC PANEL TO "ON".



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: BLOWERS,
ENGINE BILGE

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: F-41 PC

DR BY: RLH

DECATUR IN., 46733-5003

NO.: 41-120

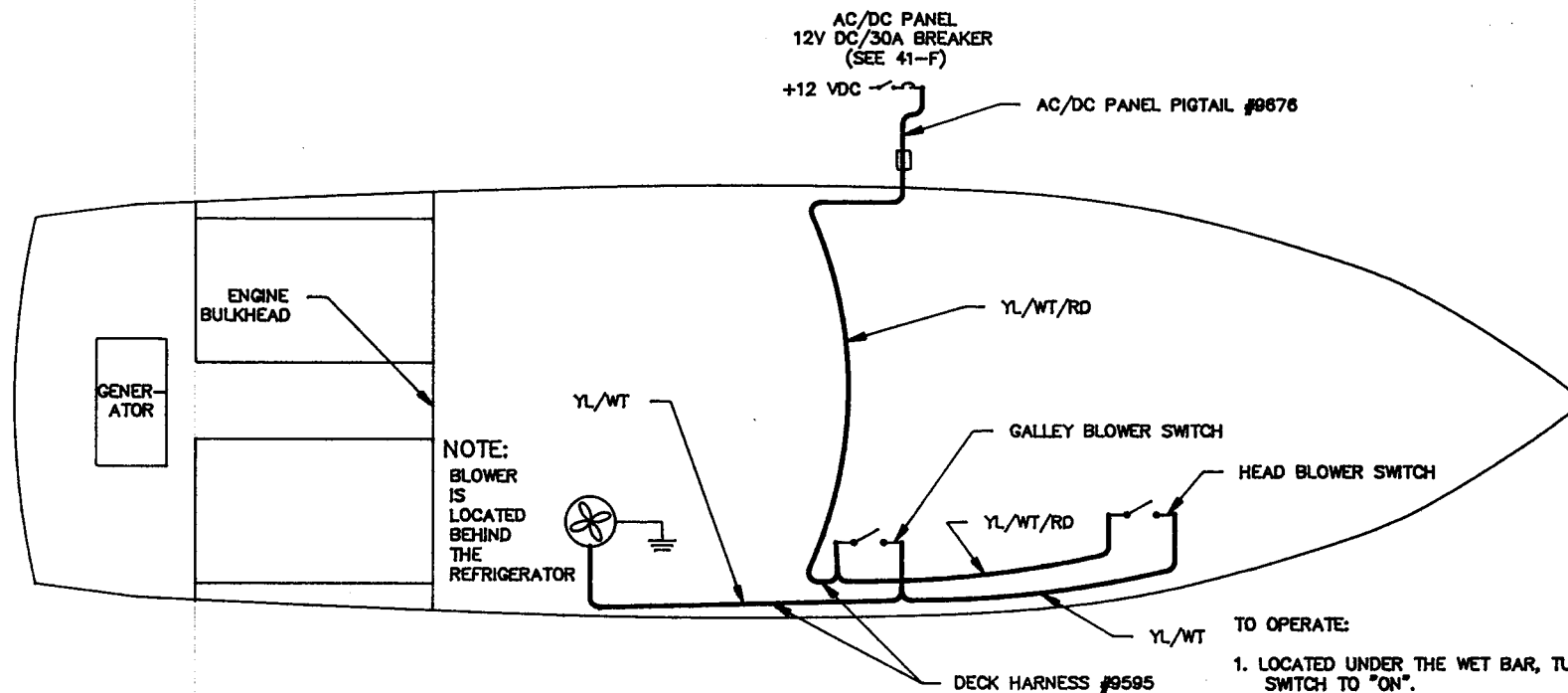
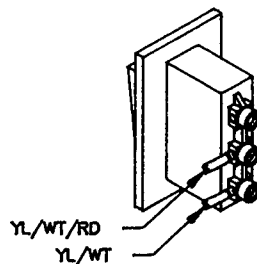
DATE: 11/01/86

(210) 724-9111

LEGEND

BREAKER SWITCH	
SWITCH	
PLUG	
BLOWER	

BLOWER SWITCH (HEAD) (REAR VIEW)



1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "ACC." BREAKER TO "ON".
3. THE BLOWER CAN NOW BE OPERATED BY THE BLOWER SWITCH IN THE HEAD OR THE SWITCH ON THE EXHAUST HOOD OVER THE STOVE.



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: BLOWERS, GALLEY / HEAD		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-121	DATE: 11/01/88	(219) 724-9111

LEGEND

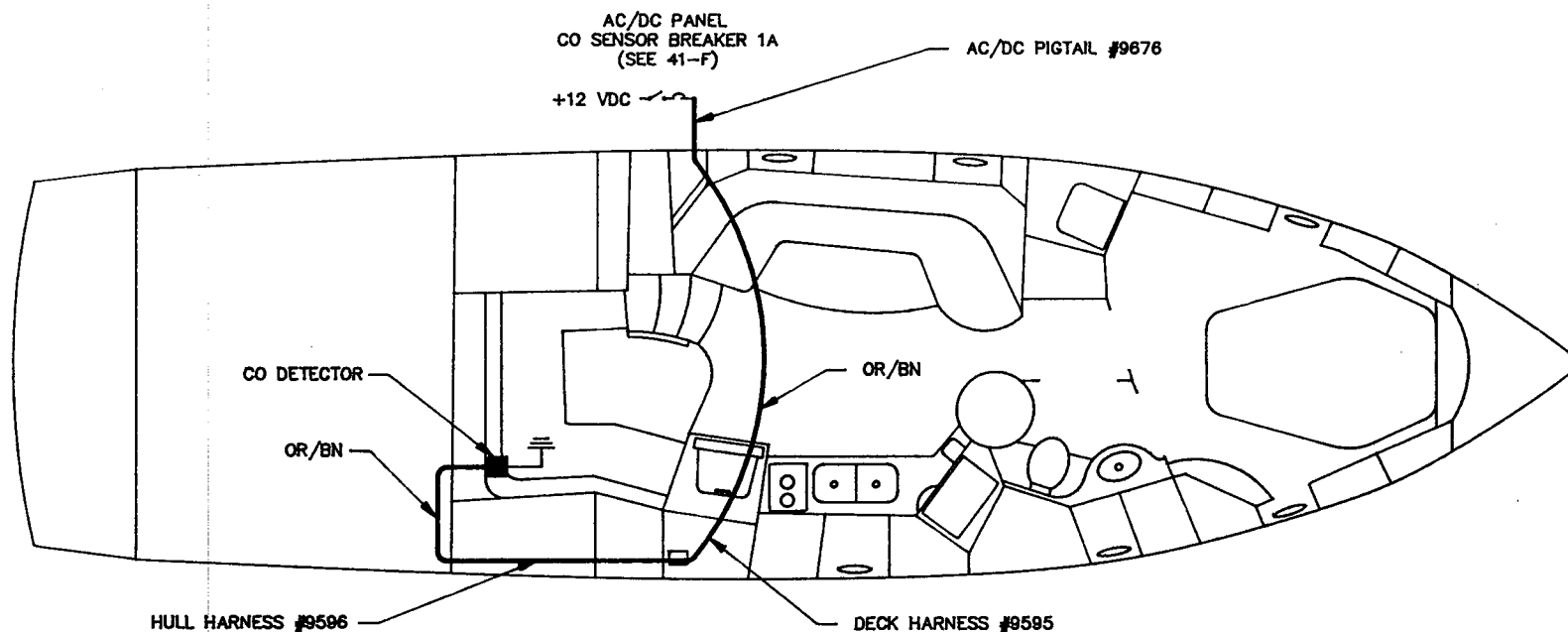
BREAKER
SWITCH



PLUG



DC
GROUND



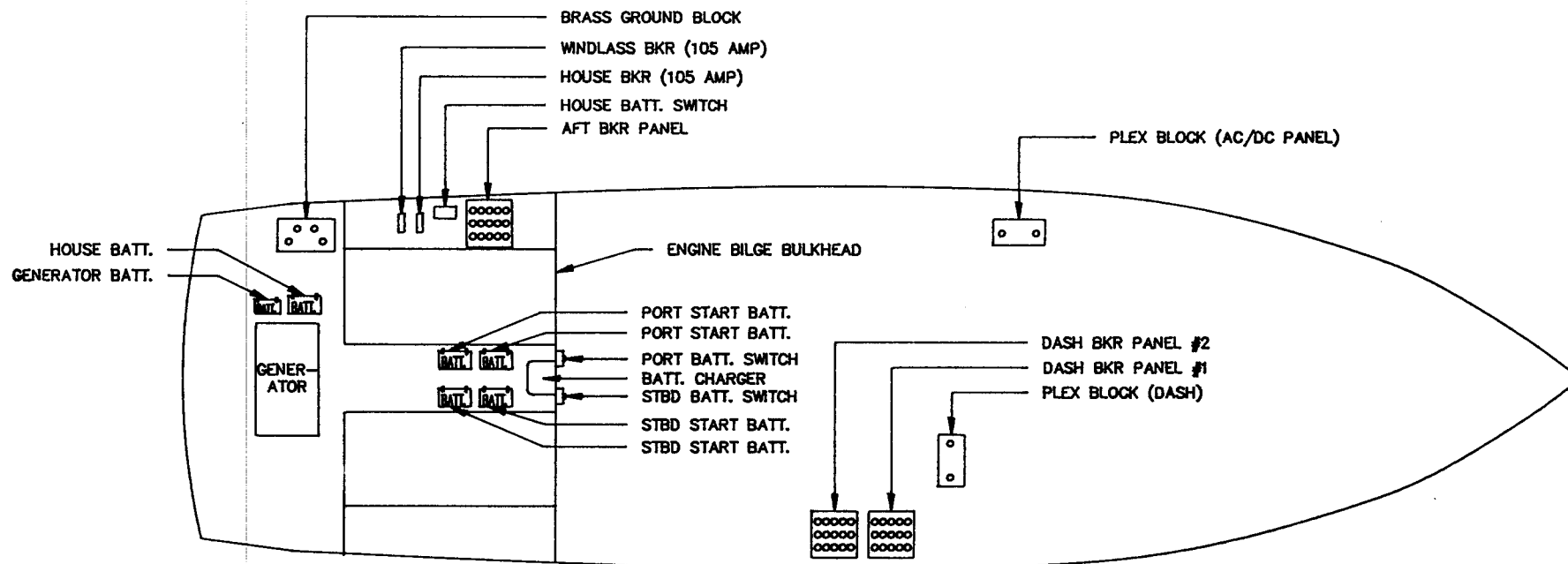
TO OPERATE:

1. READ AND FULLY UNDERSTAND THE OWNER'S MANUAL.
2. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "CO SENSOR" BREAKER TO "ON".
4. CHECK THE CO SENSOR (AFT CABIN) TO BE SURE THE GREEN POWER "ON" INDICATOR IS ILLUMINATED.
5. AFTER THE INITIAL TEN (10) MINUTE WARM-UP PERIOD, PRESS THE "TEST" BUTTON. IF THE SENSOR IS O.K., THE AUDIBLE ALARM WILL SOUND AND THE GREEN POWER "ON" LIGHT WILL CHANGE TO RED.



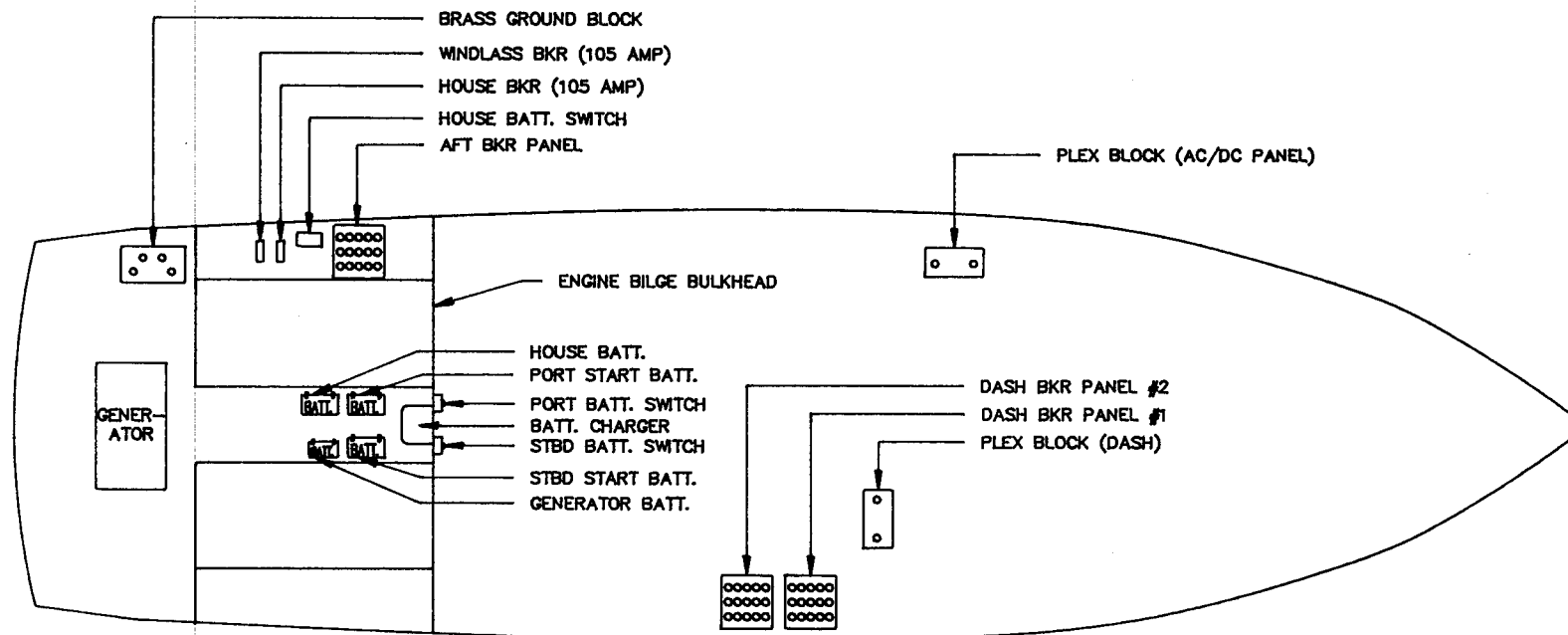
**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: CO SENSOR		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-130	DATE: 11/01/95	(219) 724-9111



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: DC SUPPLY, DIESEL ENGINE		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-140	DATE: 11/01/86	(219) 724-9111



**THUNDERBIRD
PRODUCTS
ENGINEERING**

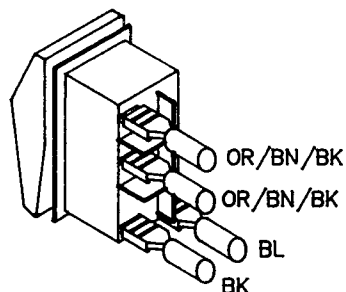
TITLE: DC SUPPLY, GASOLINE ENGINE		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-141	DATE: 11/01/88	(219) 724-9111

LEGEND

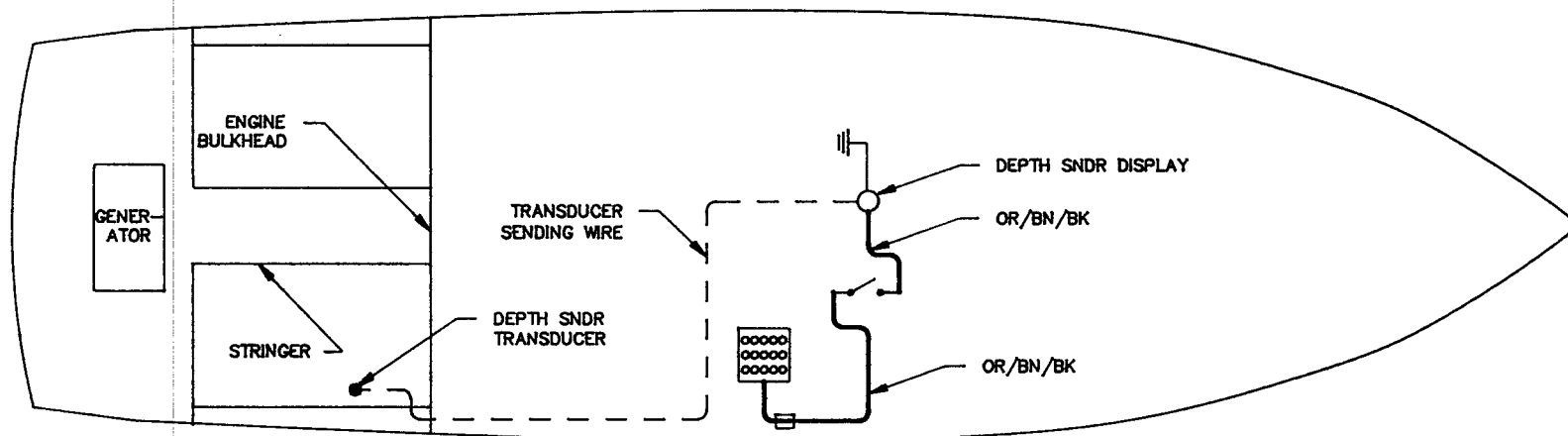
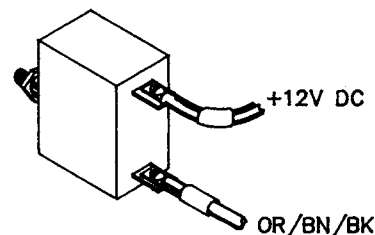
SWITCH 

BREAKER
PANEL 

DEPTH SNDR SWITCH
(ACCESSORY PANEL)
(REAR VIEW)



DEPTH SNDR BKR 5A
(DASH BKR PANEL #1)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #1, THE "DEPTH SENDER" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE DEPTH SENDER CAN NOW BE OPERATED BY THE "DEPTH" SWITCH ON THE ACCESSORY PANEL.



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: DEPTH SOUNDER		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-150	DATE: 11/01/88	(219) 724-9111

LEGEND

BREAKER
SWITCH



MOTOR



BREAKER
PANEL

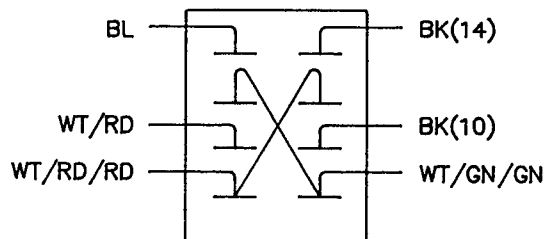


DC GROUND

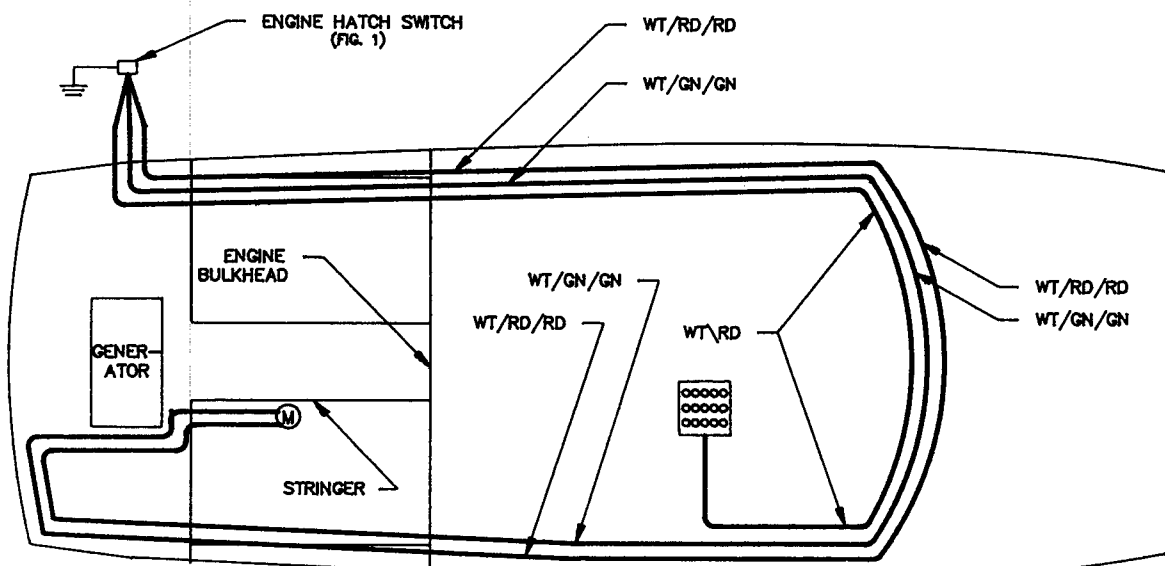
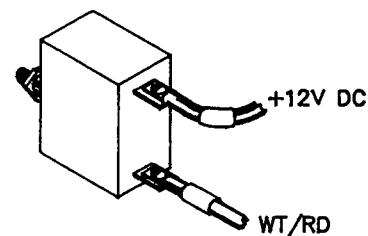


ENGINE HATCH SWITCH (AFT STORAGE LOCKER) (PORT SIDE)

FIG. 1



ENGINE HATCH BKR 25A (DASH BKR PANEL #2) (REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #2, THE "ENGINE HATCH" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE ENGINE HATCH CAN NOW BE RAISED AND LOWERED BY THE "ENG HATCH" SWITCH IN THE AFT STORAGE LOCKER (PORT SIDE).



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: ENGINE HATCH

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: F-41 PC

DR BY: RLH

DECATUR IN. 46733-5003

NO.: 41-160

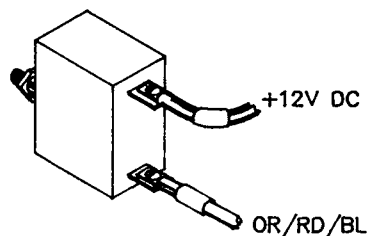
DATE: 11/01/85

(219) 724-9111

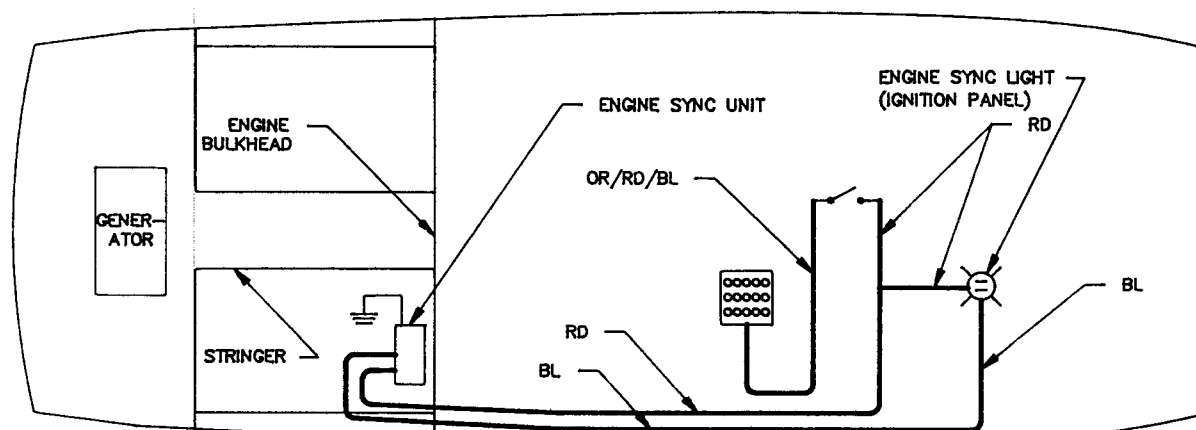
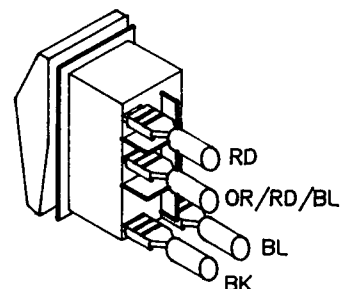
LEGEND

BREAKER PANEL	
SWITCH	
LIGHT	
DC GROUND	

ENGINE SYNC BKR 10A
(DASH BKR PANEL #1)
(REAR VIEW)



ENGINE SYNC SWITCH
(ACCESSORY PANEL)
(REAR VIEW)



TO OPERATE:

1. READ AND FULLY UNDERSTAND THE OWNERS MANUAL.
2. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
3. LOCATED UNDER THE SEAT IN THE AFT CABIN, SWITCH BOTH START BATTERY SWITCHES TO "ON".
4. WITH BOTH ENGINES RUNNING AND THE BOAT UNDERWAY, ADVANCE SPEED SLIGHTLY ABOVE IDLE.
5. LOCATED ON THE IGNITION PANEL, SWITCH THE "ENGINE SYNC" BUTTON TO "ON". THE GREEN LIGHT SHOULD ILLUMINATE.
6. MOVE SLAVE (STARBOARD) ENGINE THROTTLE TO MAXIMUM SPEED POSITION.
7. BOTH ENGINES ARE NOW UNDER THE CONTROL OF A SINGLE MOVEMENT OF THE LEAD (PORT) ENGINE THROTTLE AND MAY BE ADVANCED OR RETARDED THROUGH THE ENTIRE CRUISING RANGE.
8. TO DISENGAGE, SWITCH THE "ENGINE SYNC" BUTTON TO "OFF". MOVE SLAVE THROTTLE BACK TOWARDS IDLE. THIS WILL AUTOMATICALLY REENGAGE WITH THE ENGINE CONTROL.



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: ENGINE SYNC		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-170	DATE: 11/01/85	(219) 724-9111

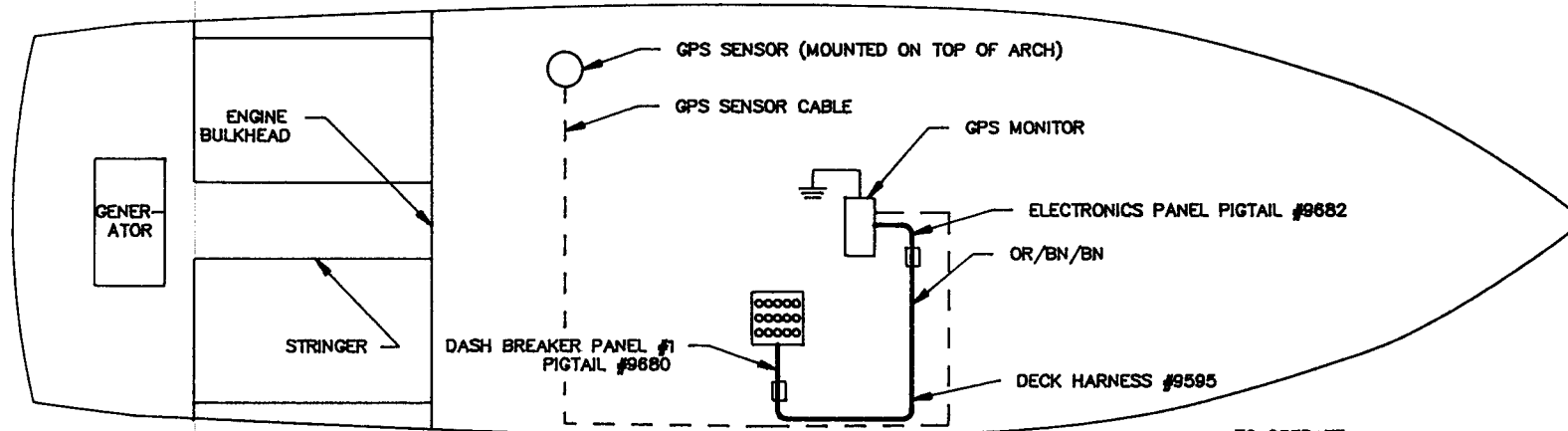
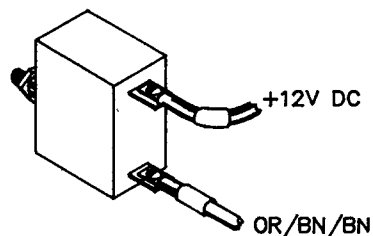
LEGEND

PLUG □

BREAKER
PANEL 

DC GROUND 

GPS BREAKER 5A
(DASH BKR PANEL #1)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #1, THE "GPS" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE GPS UNIT CAN NOW BE TURNED ON BY PRESSING THE "POWER" BUTTON.



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: GPS

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: F-41 PC

DR BY: RLH

DECATUR IN., 48733-5003

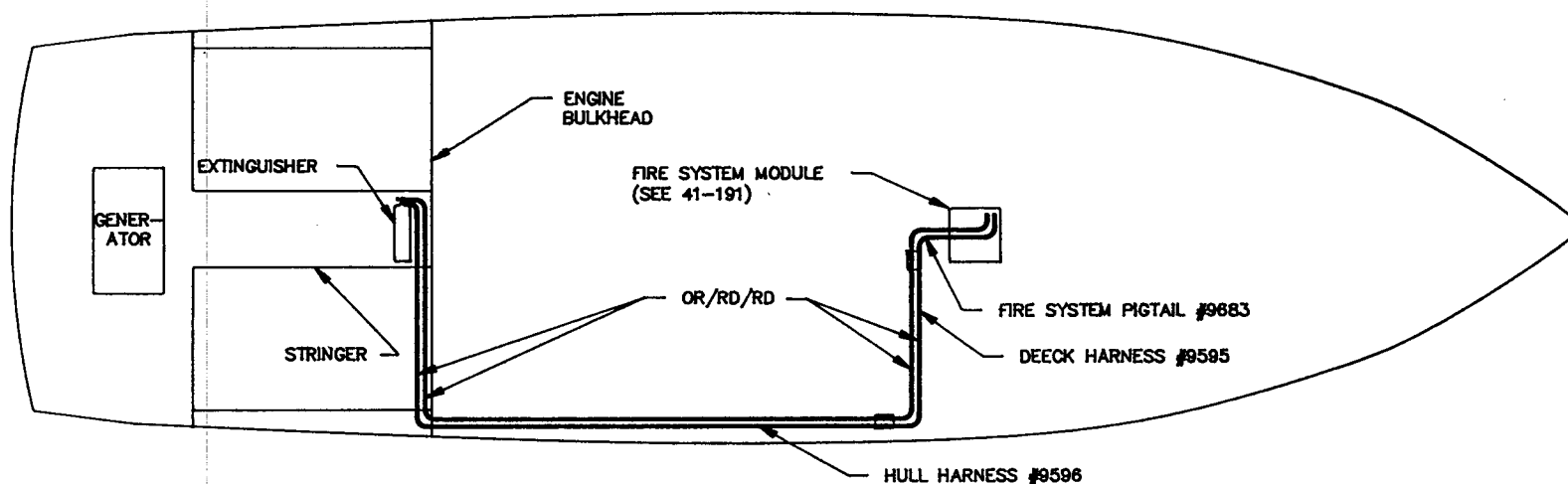
NO.: 41-180

DATE: 11/01/95

(219) 724-9111

LEGEND

PLUG



NOTE: THE FIRE SYSTEM IS AN AUTOMATIC SYSTEM THAT IS ACTIVATED WHEN THE IGNITION SWITCHES ARE "ON".

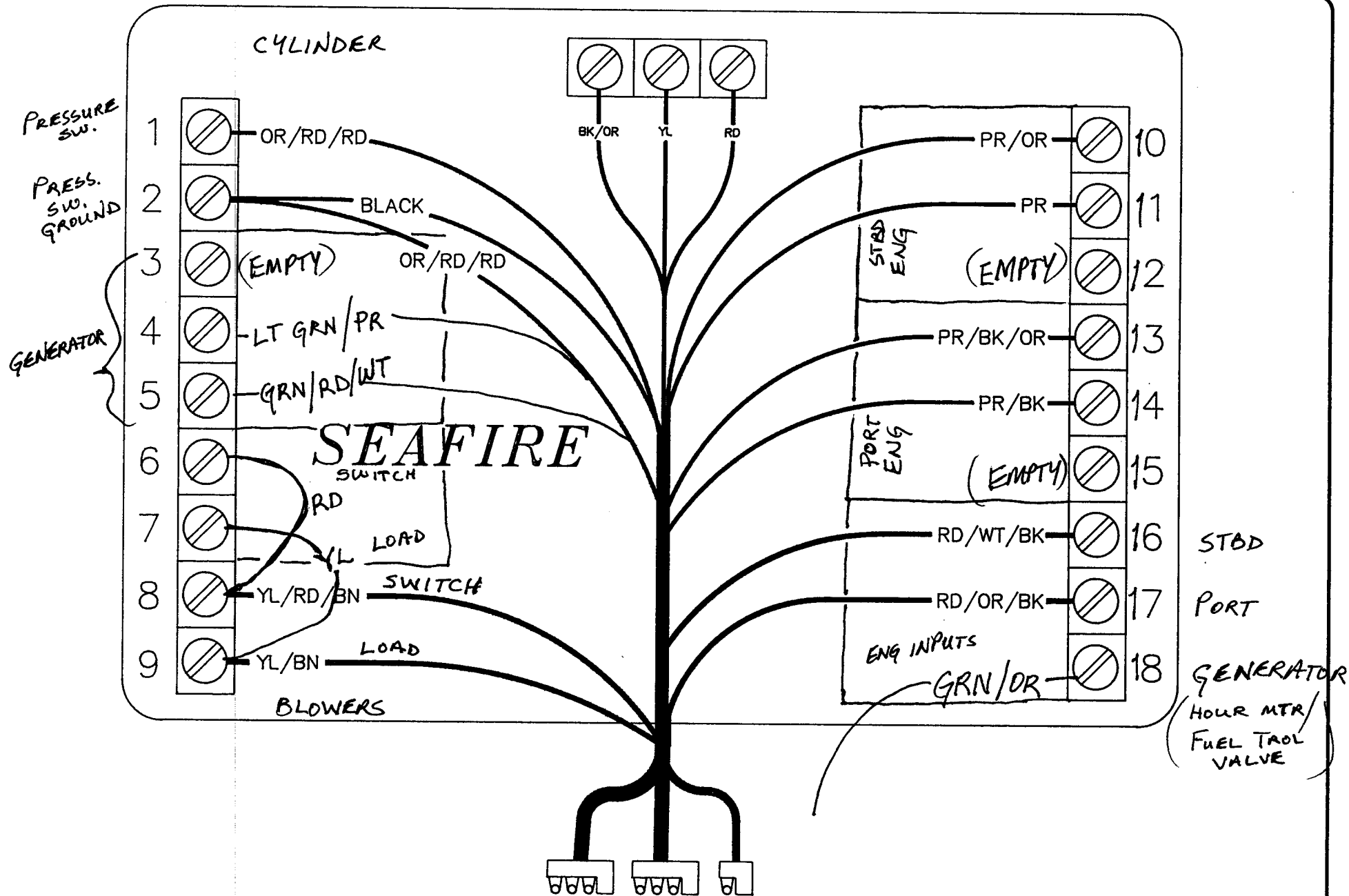
CAUTION!

IN THE EVENT THE SEA-FIRE EXTINGUISHER SYSTEM DISCHARGES AND ENGINES SHUTDOWN ALONG WITH ALARM INDICATION: SHUT OFF ALL ELECTRICAL POWER INCLUDING ENGINE, BLOWER, GENERATOR, AND ALL ACCESSORIES CONTROLS. DETERMINE CAUSE OF DISCHARGE AND CORRECT PRIOR TO RE-ENERGIZING ANY EQUIPMENT OR PLACING SWITCH ON "OVERRIDE" MODE AT THE DISPLAY UNIT. (SEE SEA-FIRE AUTOMATIC HALON 1301 EXTINGUISHER SYSTEM MODEL "G" OWNERS MANUAL FOR ADDED INFORMATION).



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: FIRE SYSTEM		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-190	DATE: 11/01/86	(219) 724-9111



**THUNDERBIRD
PRODUCTS
ENGINEERING**

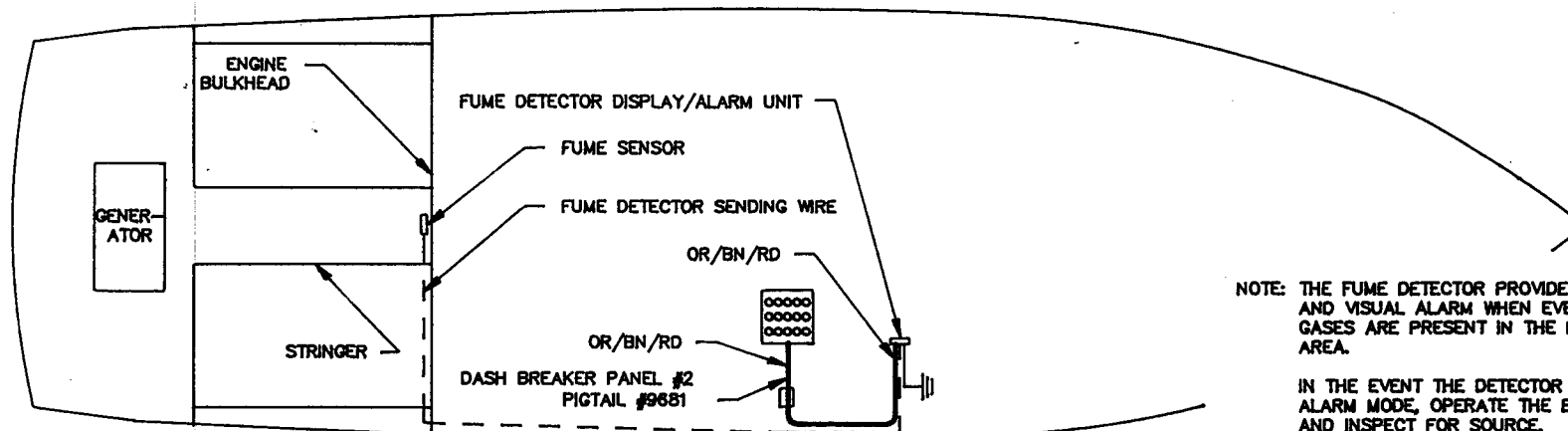
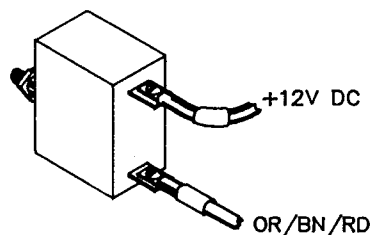
TITLE: FIRE SYSTEM MODULE DIESEL ENGINE		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-191	DATE: 11/01/88	(219) 724-9111

LEGEND

PLUG □

DC GROUND ⏏

FUME DETECTOR BKR 2A
(DASH BKR PANEL #2)
(REAR VIEW)



NOTE: THE FUME DETECTOR PROVIDES AN AUDIBLE AND VISUAL ALARM WHEN EVER EXPLOSIVE GASES ARE PRESENT IN THE ENGINE BILGE AREA.

IN THE EVENT THE DETECTOR GOES INTO THE ALARM MODE, OPERATE THE ENGINE BLOWERS AND INSPECT FOR SOURCE.

TO OPERATE:

1. READ AND FULLY UNDERSTAND THE OWNERS MANUAL.
2. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
3. ON DASH BREAKER PANEL #2, THE "FUME DETCTR" BREAKER MUST BE PUSHED IN (CLOSED).
4. PRESS THE "ON" BUTTON LOCATED UPON THE DETECTOR FACE.
5. PRESS "TEST"

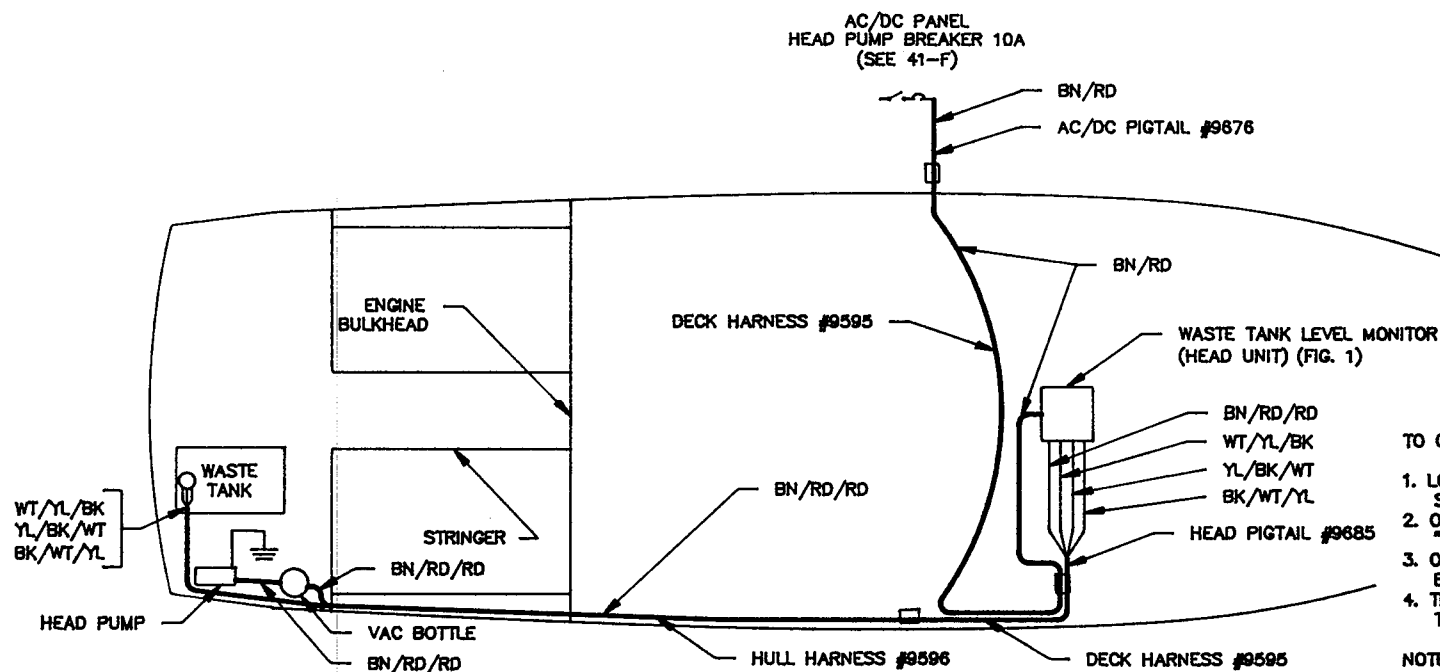
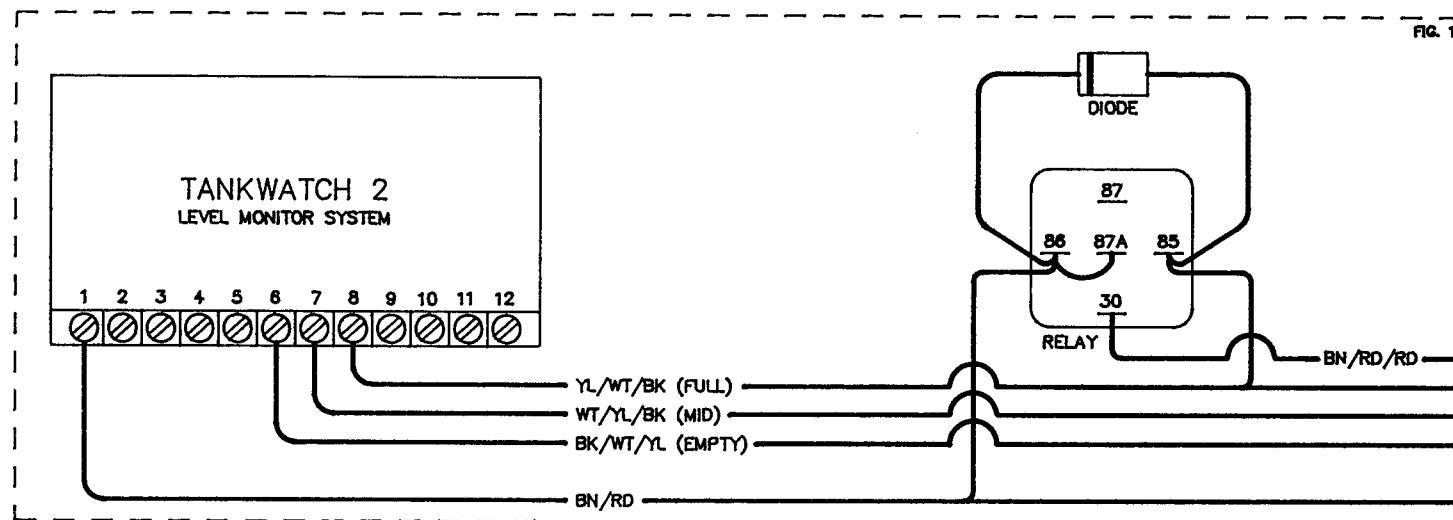


**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: FUME DETECTOR		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-6003
NO.: 41-200	DATE: 11/01/95	(219) 724-9111

LEGEND

PLUG	
BREAKER SWITCH	
DC GROUND	



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL, IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE "HEAD PUMP" BREAKER TO "ON".
4. THE HEAD PUMP IS NOW OPERATIONAL AND THE TOILET CAN BE FLUSHED.

NOTE: WHEN THE "FULL" LIGHT IS ILLUMINATED ON THE TANK LEVEL MONITOR, THE VACUUM PUMP SHUTS DOWN AND THE TOILET WILL NOT FLUSH.



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: HEAD PUMP / WASTE TANK		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-210	DATE: 11/01/95	(219) 724-9111

LEGEND

SWITCH 

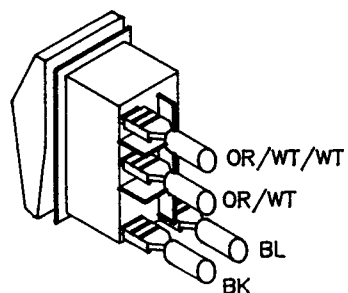
COMPRESSOR 

BREAKER
PANEL 

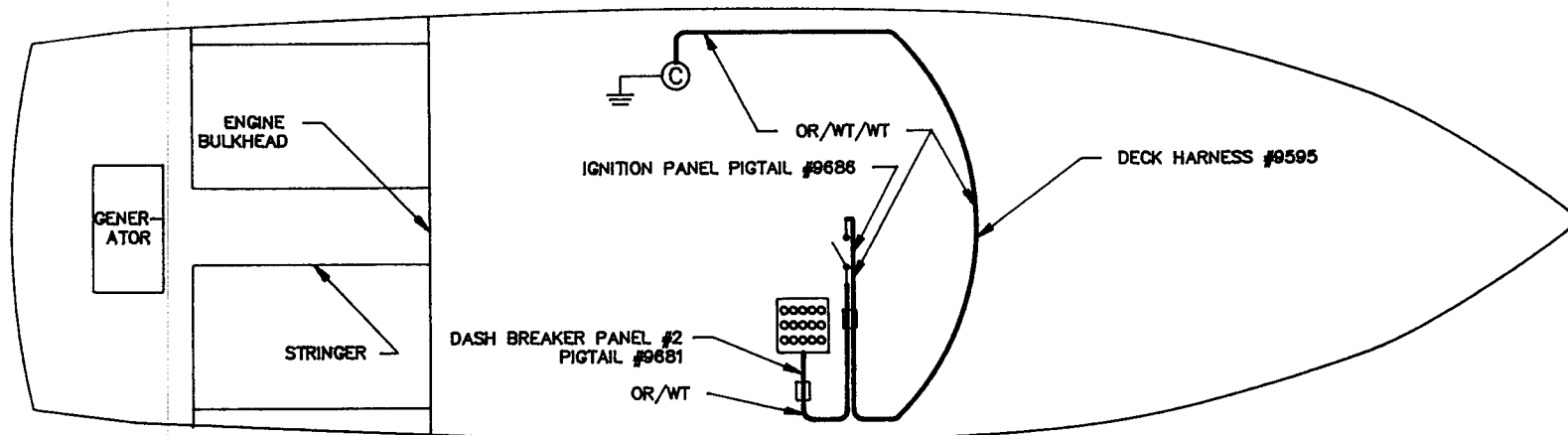
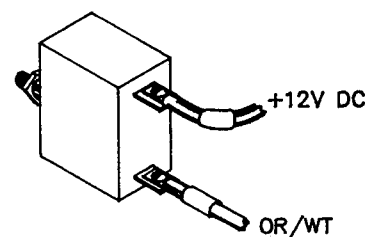
PLUG 

DC GROUND 

HORN SWITCH
(IGNITION PANEL)
(REAR VIEW)



HORN BKR 20A
(DASH BKR PANEL #2)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #2, THE "HORN" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE HORN CAN NOW BE OPERATED BY THE "HORN" SWITCH ON THE IGNITION PANEL.



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: HORN		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-220	DATE: 11/01/96	(219) 724-9111

LEGEND

C-BREAKER
PANEL



ON/OFF
SWITCH



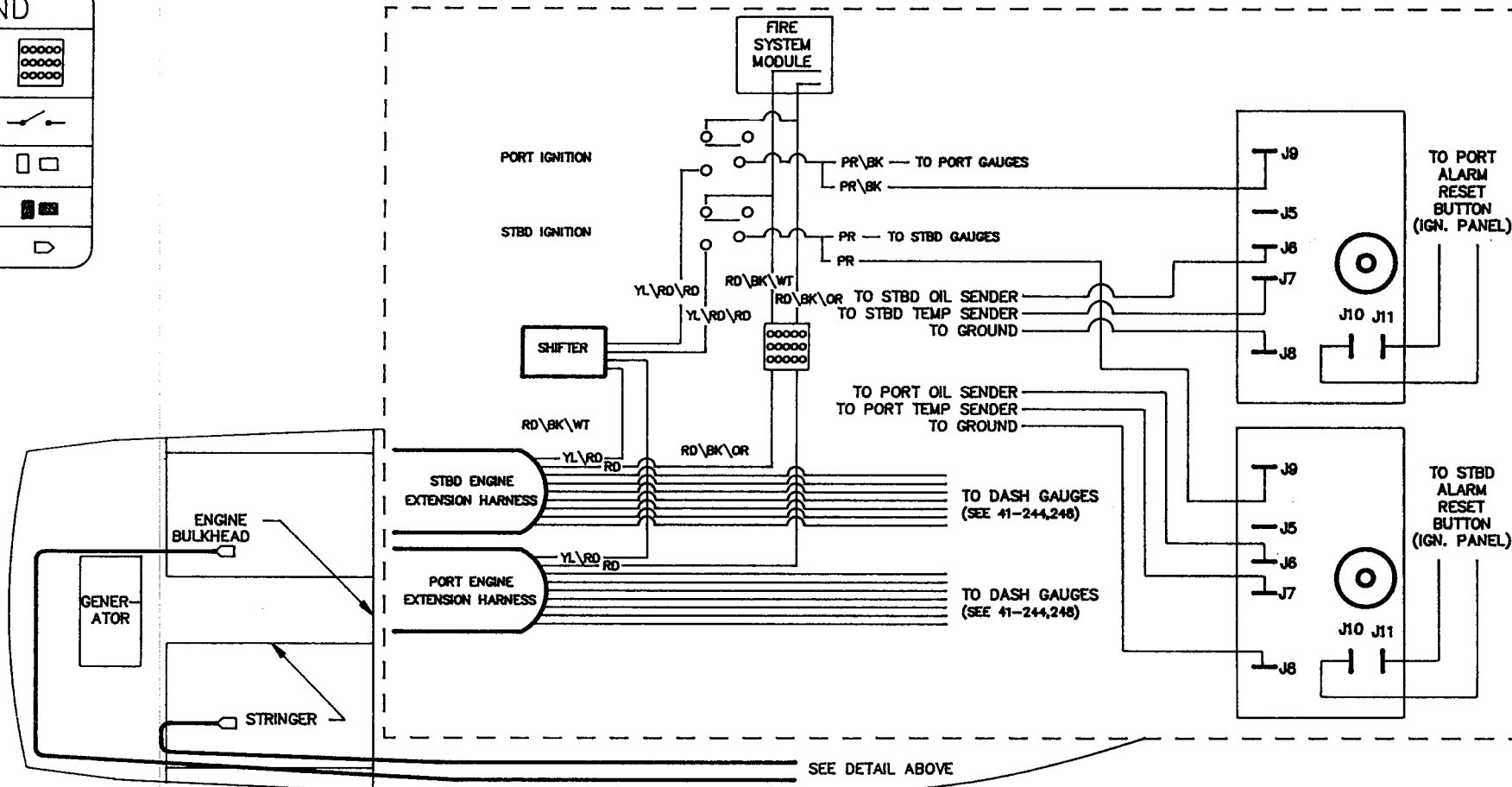
PLUG
INTERCONNECT



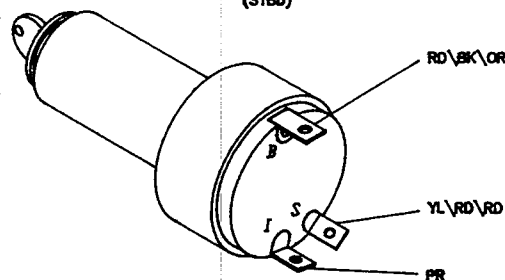
SPLICE
INTERCONNECT



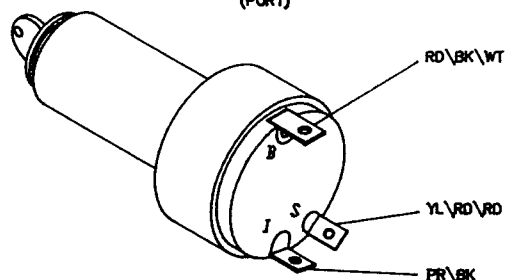
HARNESS PLUG



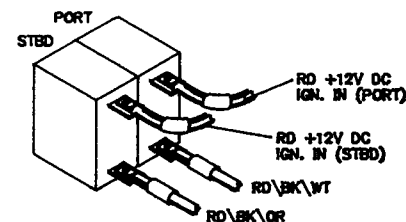
IGNITION SWITCH
(STBD)



IGNITION SWITCH
(PORT)



IGNITION BKRS 20A
(DASH BKR PANEL #2)
(REAR VIEW)



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: IGNITION, DIESEL

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: F-41 PC

DR BY: RLH

DECATUR IN., 48733-6003

NO.: 41-230

DATE: 11/01/86

(219) 724-8111

LEGEND

C-BREAKER PANEL 

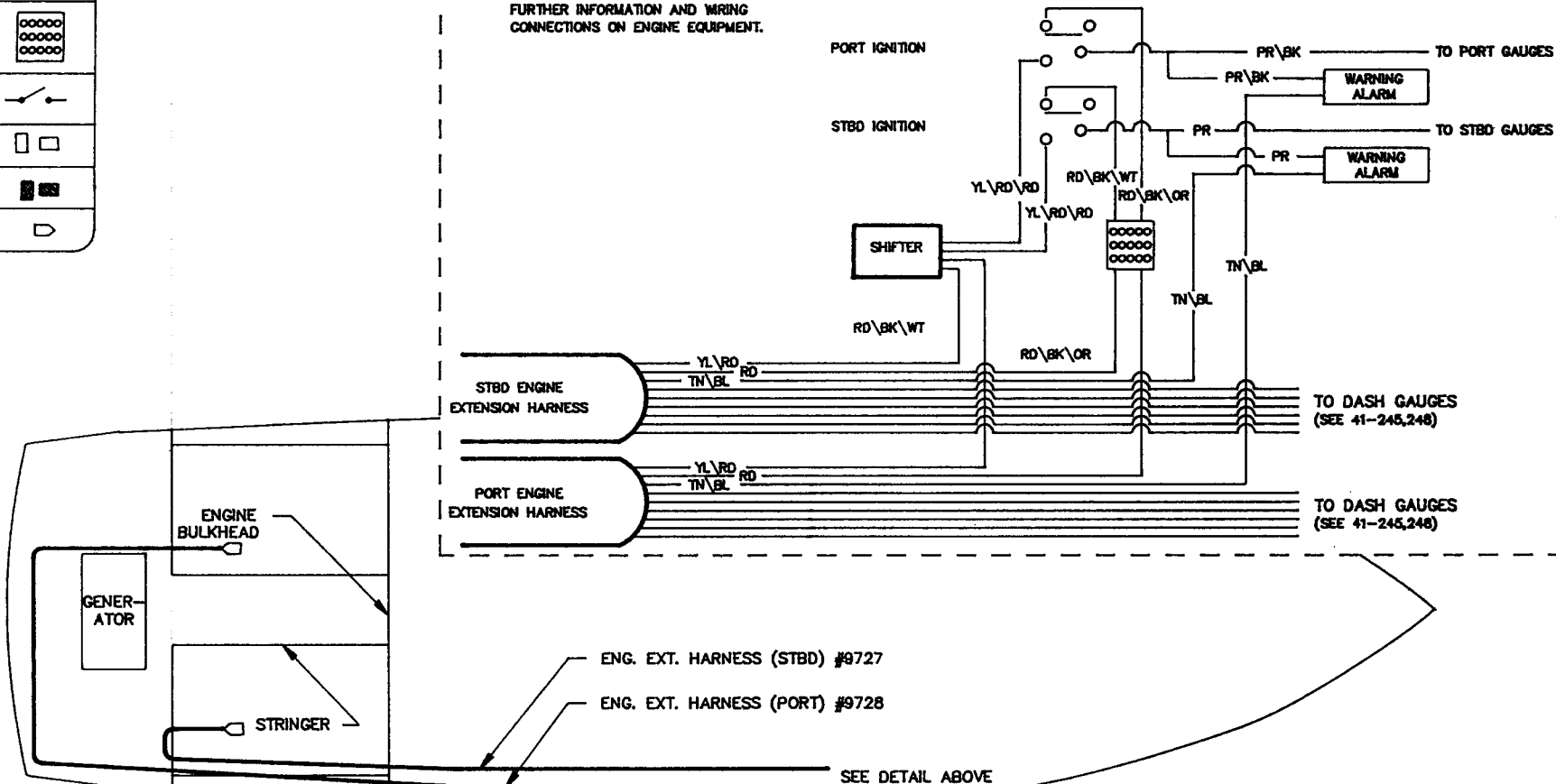
ON/OFF SWITCH 

PLUG INTERCONNECT 

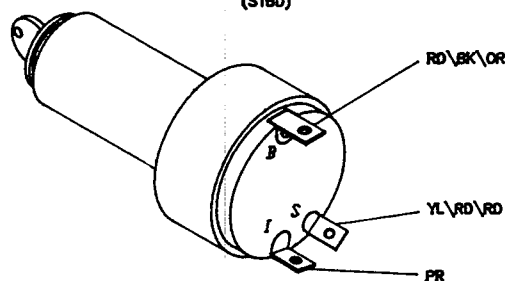
SPLICE INTERCONNECT 

HARNESS PLUG 

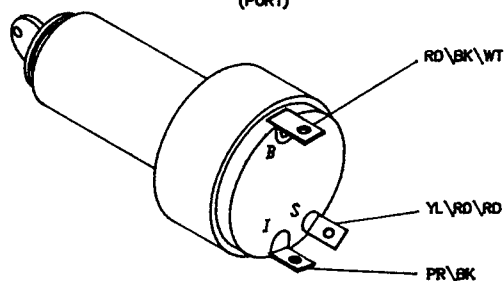
NOTE: SEE MERCURISER MANUAL FOR FURTHER INFORMATION AND WIRING CONNECTIONS ON ENGINE EQUIPMENT.



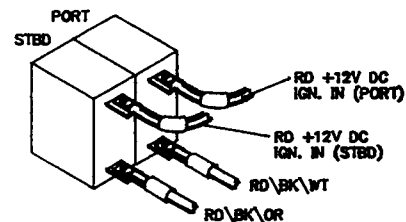
IGNITION SWITCH (STBD)



IGNITION SWITCH (PORT)



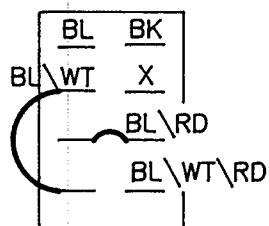
IGNITION BKRS 20A (DASH BKR PANEL #2) (REAR VIEW)



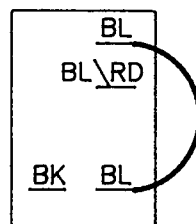
THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: IGNITION, GASOLINE		THUNDERBIRD PRODUCTS	
MOD.: F-41 PC		P.O. BOX 1003	
NO.: 41-231		DECATUR IN., 46733-5003	
DATE: 11/01/85		(219) 724-9111	

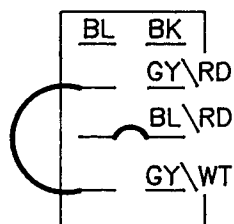
F-41 PC ACCESSORY PANEL (REAR VIEW)



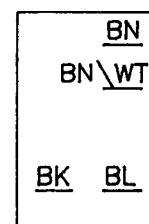
COURT
LIGHT



PANEL
LIGHT

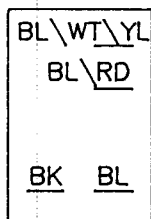


NAV/
ANCH

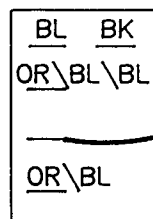


BILGE
PUMP

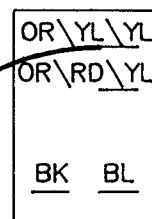
X = NOT USED



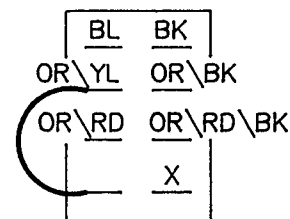
COURT
LIGHT
(ENG)



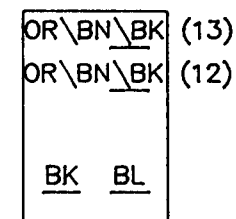
WNDLS
UP/DN



WNDLS
ON/OFF



WIPER
STBD/
BOTH



DEPTH
SNDR

PANEL #9617
PIGTAIL #9675

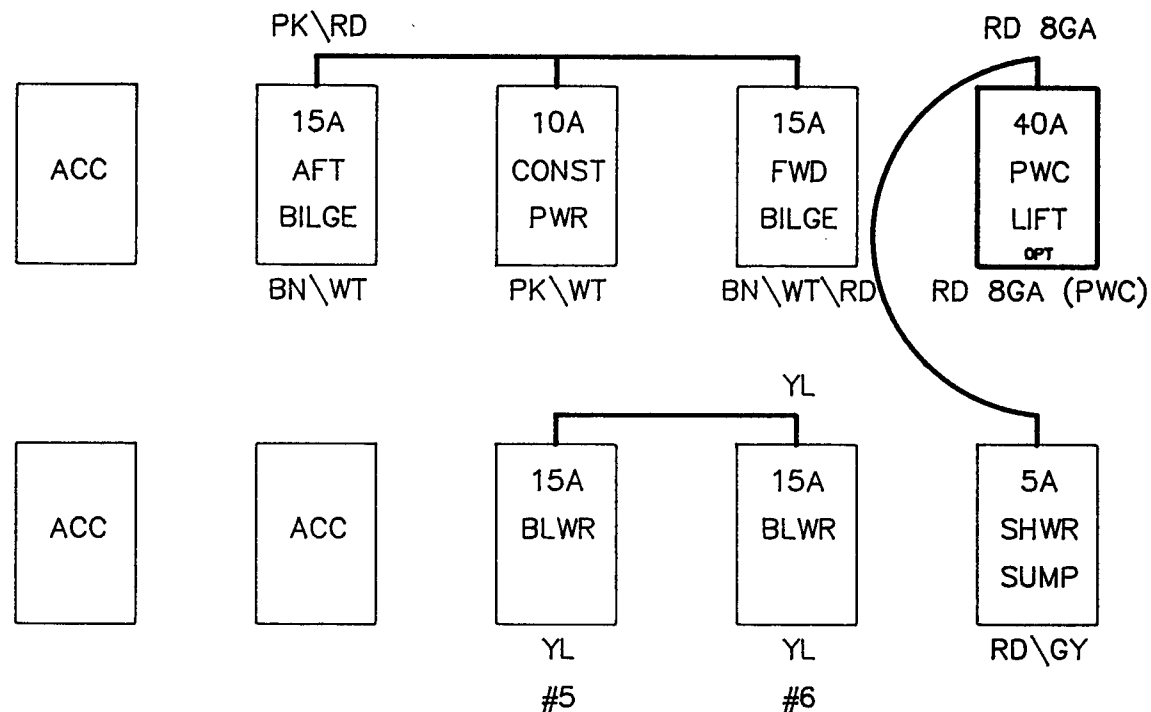


**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: ACCESSORY PANEL		THUNDERBIRD PRODUCTS
MOD.: F-41 PC		P.O. BOX 1003
NO.: 41-240	DR BY: RLH	DECATUR IN., 46733-5003
	DATE: 11/01/86	(219) 724-9111

PANEL #9720
PIGTAIL #9677

41 PC AFT BKR PANEL (REAR VIEW)

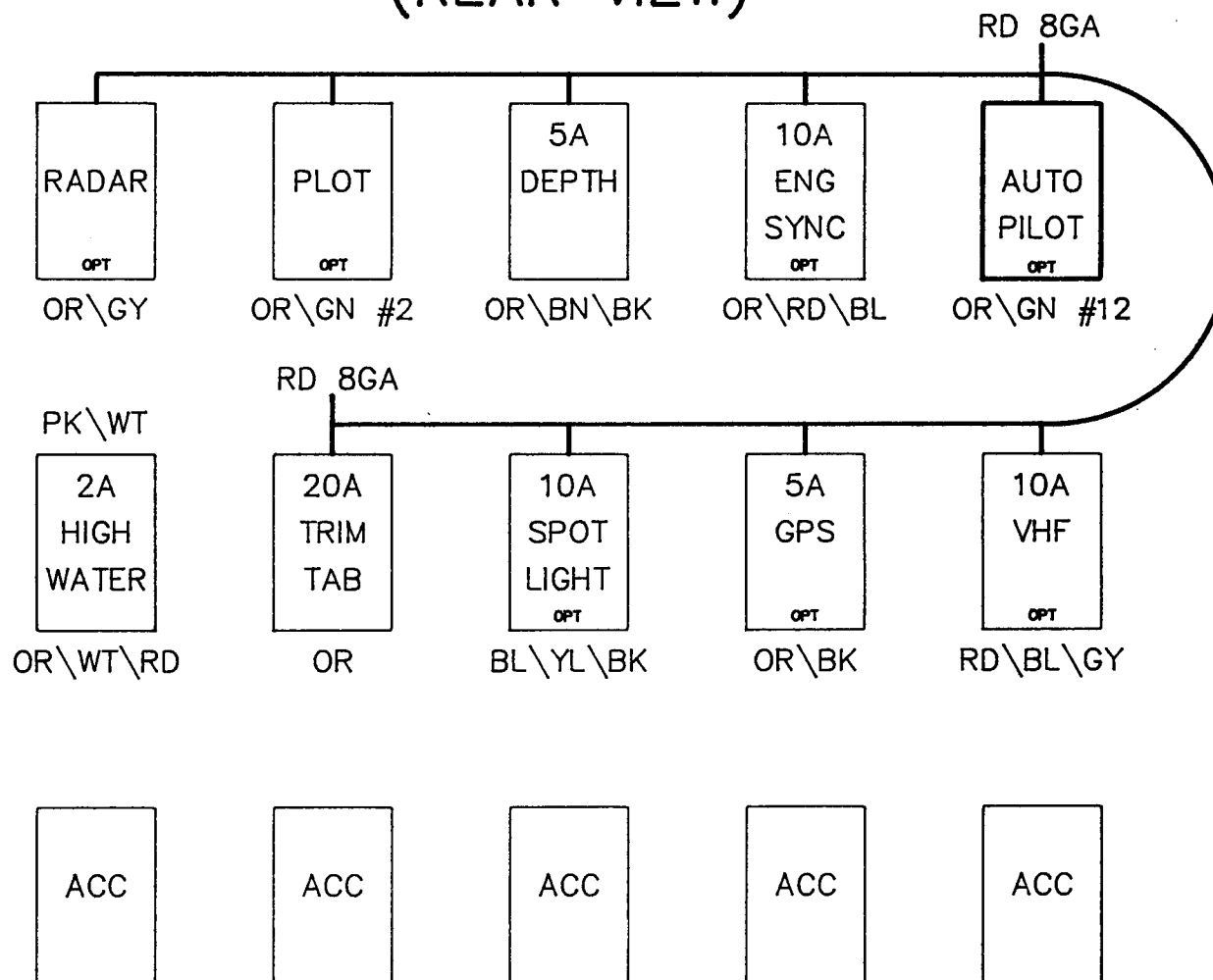


THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: AFT BREAKER PANEL		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-241	DATE: 11/01/95	(219) 724-9111

PANEL #9722
PIGTAIL #9680

41 PC DASH BKR PANEL #1 (REAR VIEW)

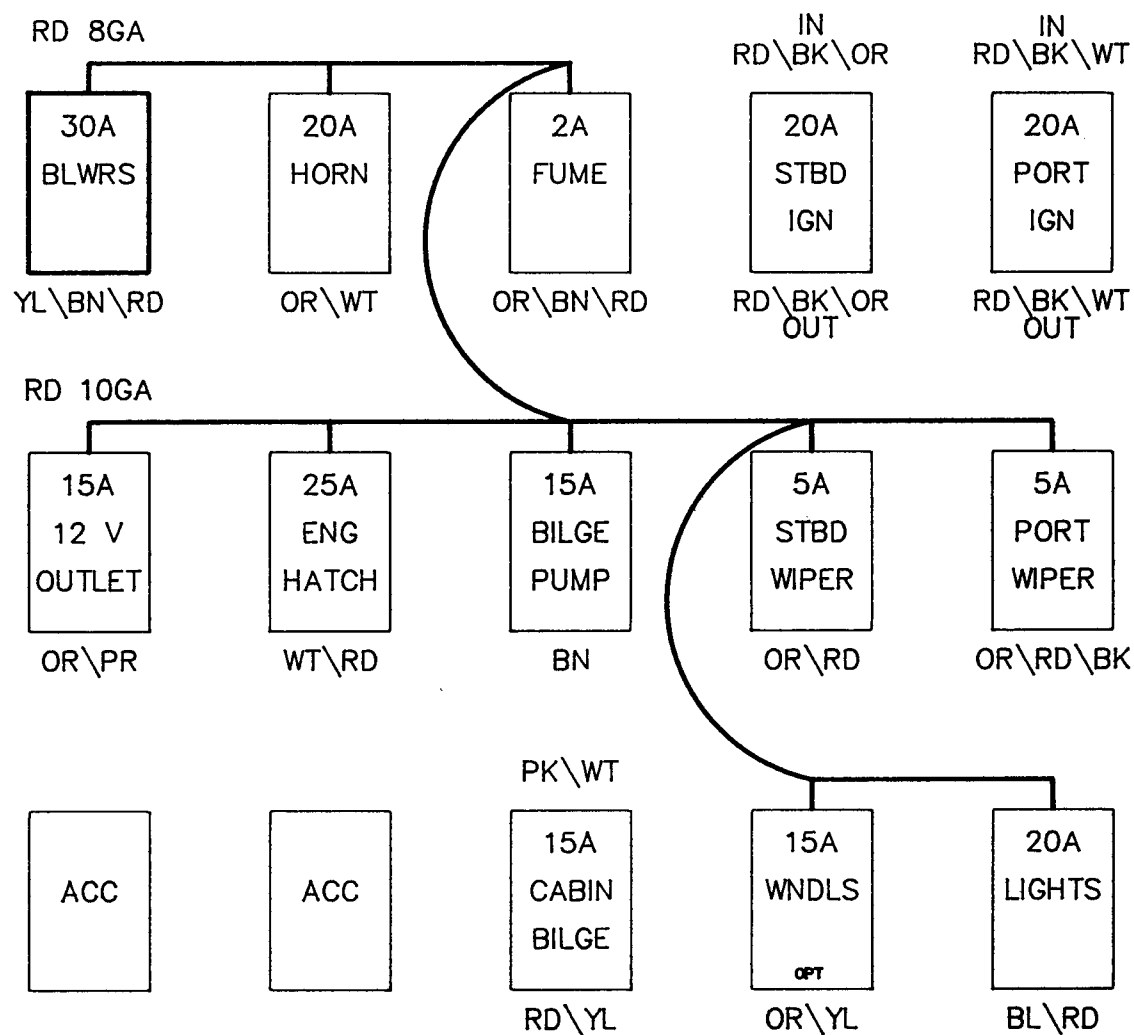


THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: DASH BREAKER PANEL #1		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-242	DATE: 11/01/96	(219) 724-9111

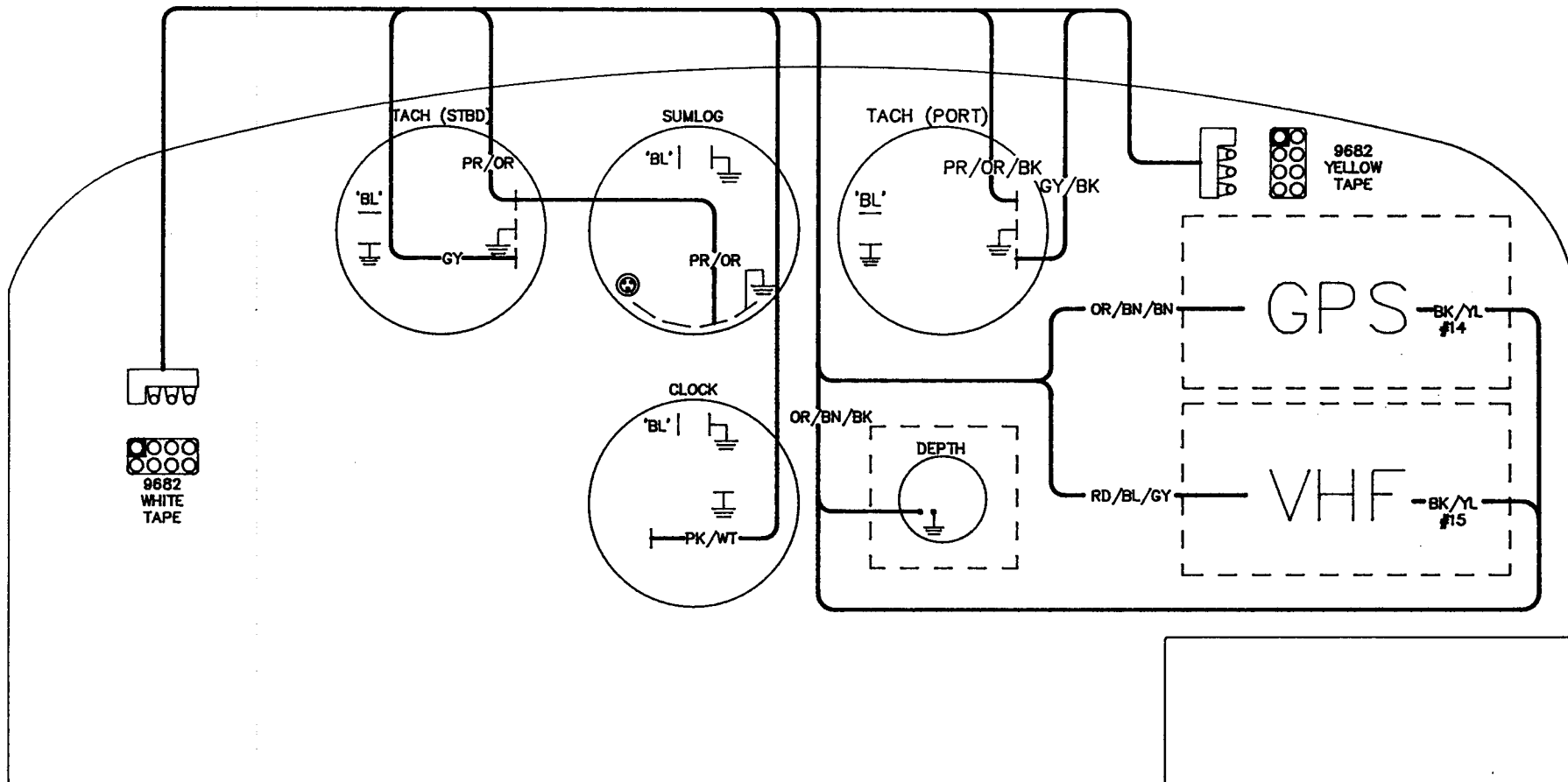
PANEL #9721
PIGTAIL #9681

41 PC DASH BKR PANEL #2 (REAR VIEW)



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: DASH BREAKER PANEL #2		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-243	DATE: 11/01/88	(219) 724-8111

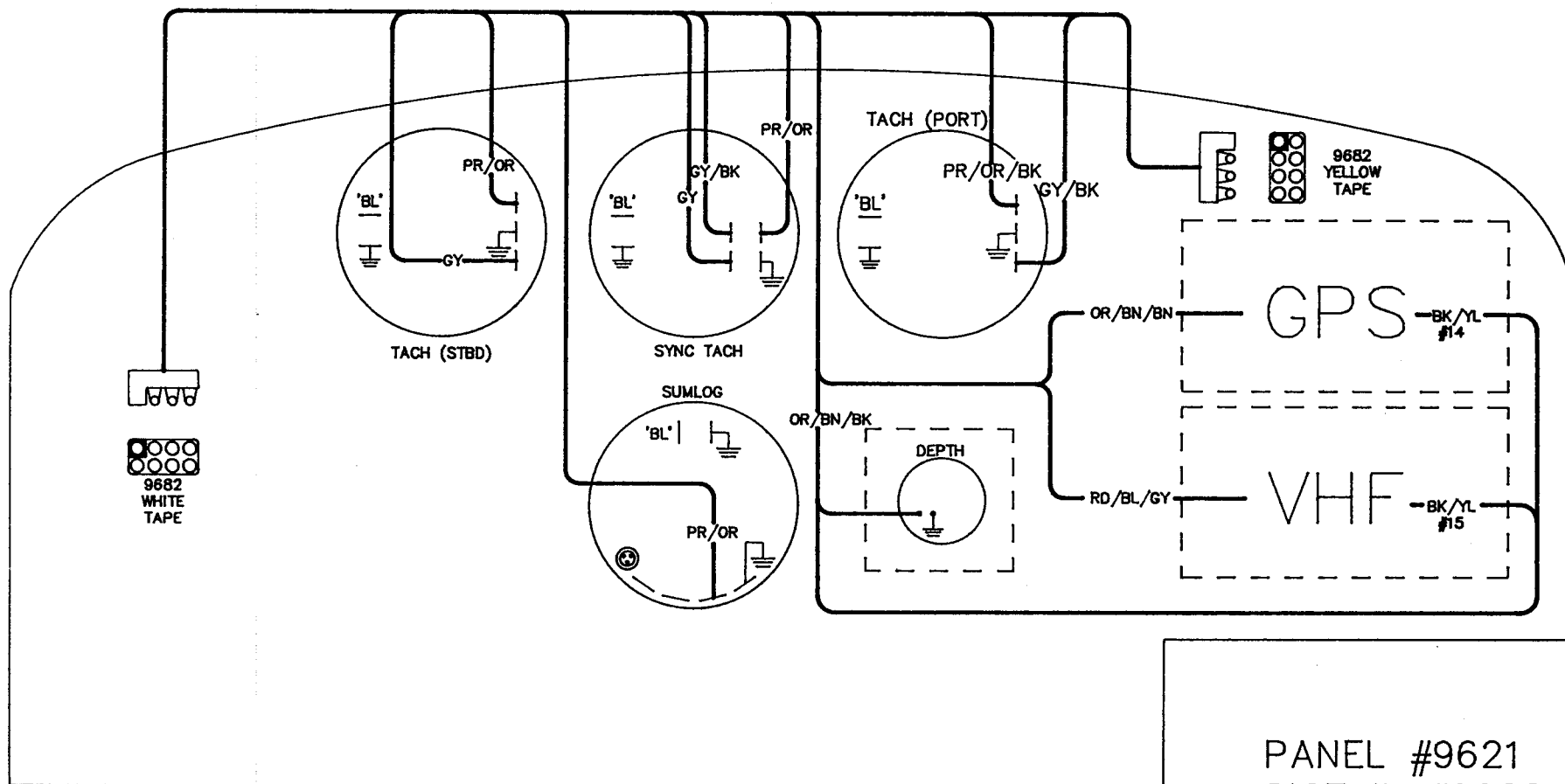


PANEL #9621
PIGTAIL #9682



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: ELECTRONICS PANEL, DIESEL		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-244	DATE: 11/01/86	(219) 724-9111



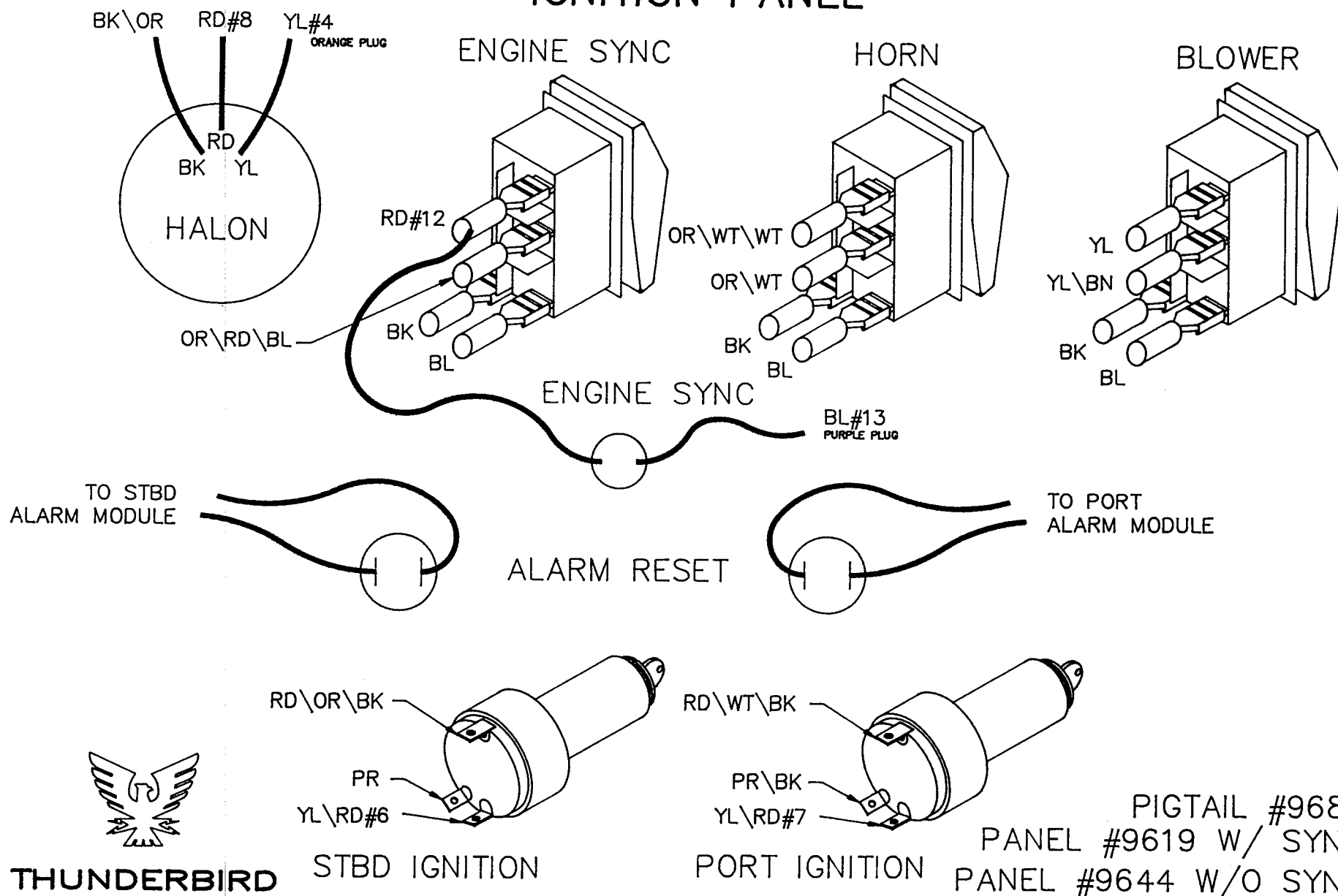
PANEL #9621
PIGTAIL #9682



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: ELECTRONICS PANEL, GASOLINE		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-245	DATE: 11/01/86	(219) 724-8111

F-41 PC IGNITION PANEL

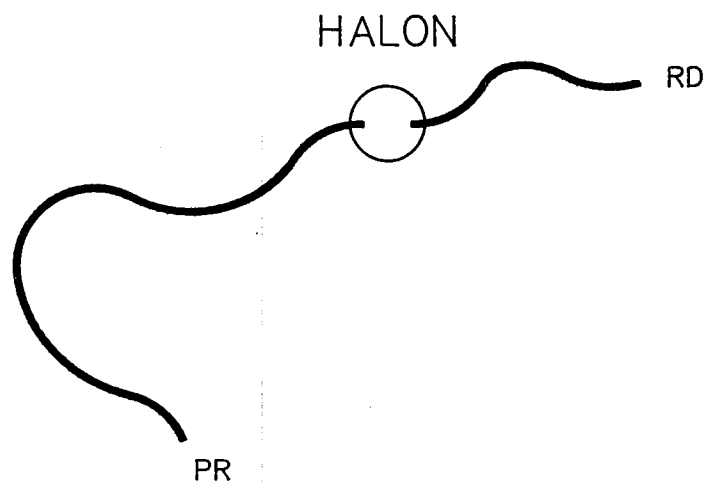



**THUNDERBIRD
PRODUCTS
ENGINEERING**

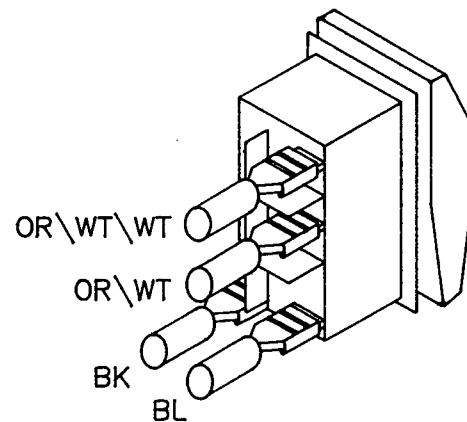
PIGTAIL #9686
PANEL #9619 W/ SYNC
PANEL #9644 W/O SYNC

TITLE: IGNITION PANEL, DIESEL		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-246	DATE: 11/01/88	(219) 724-9111

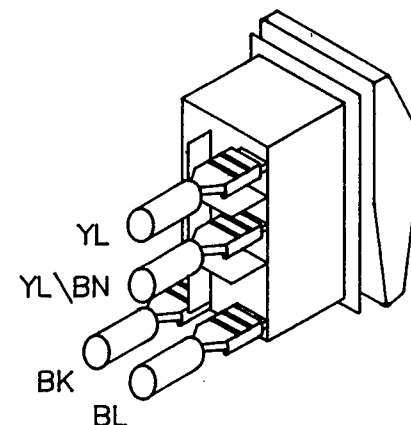
F-41 PC IGNITION PANEL



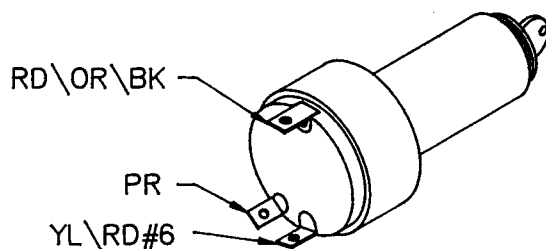
HORN



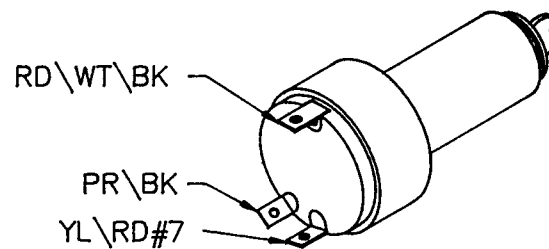
BLOWER



STBD IGNITION



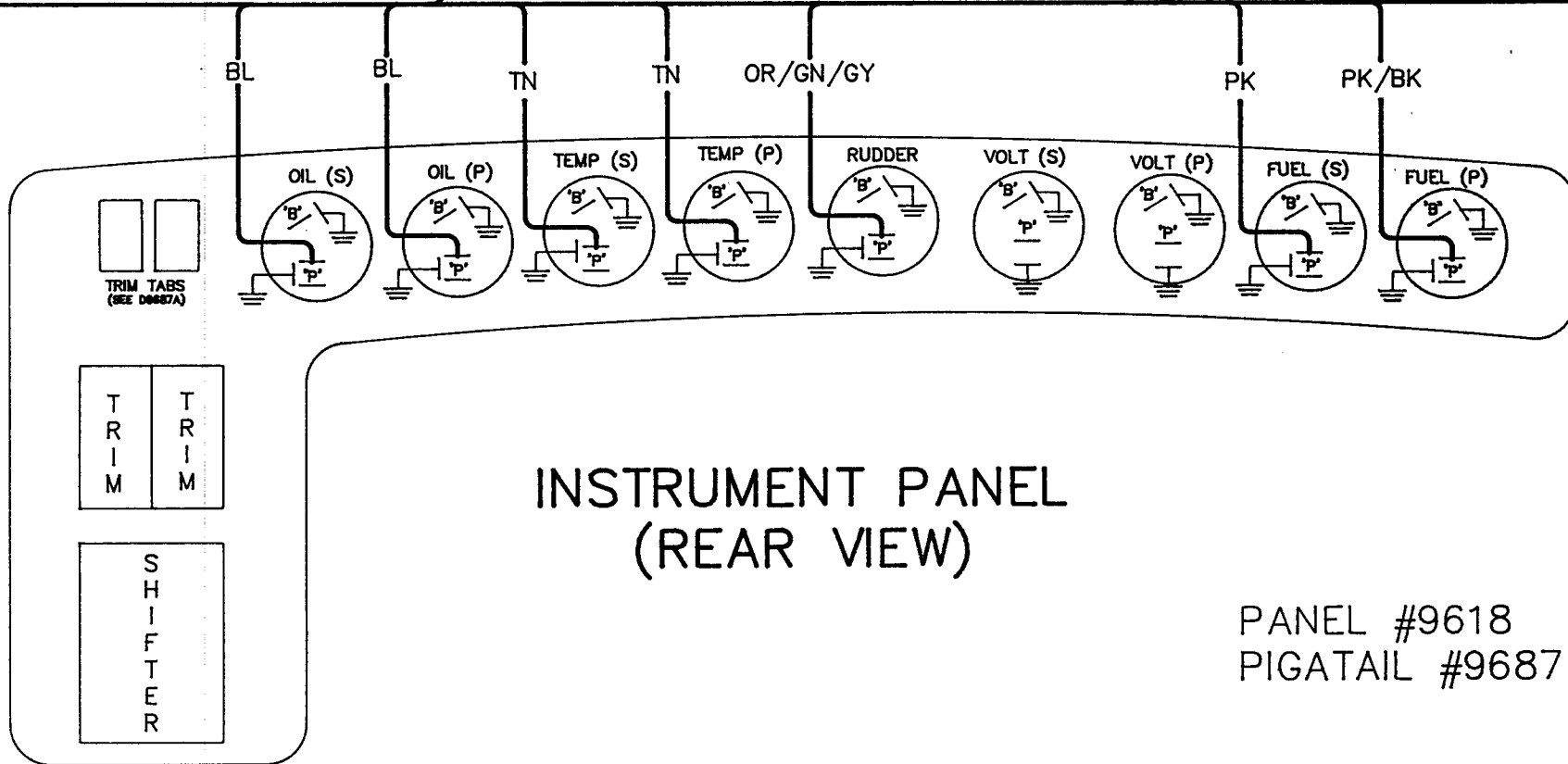
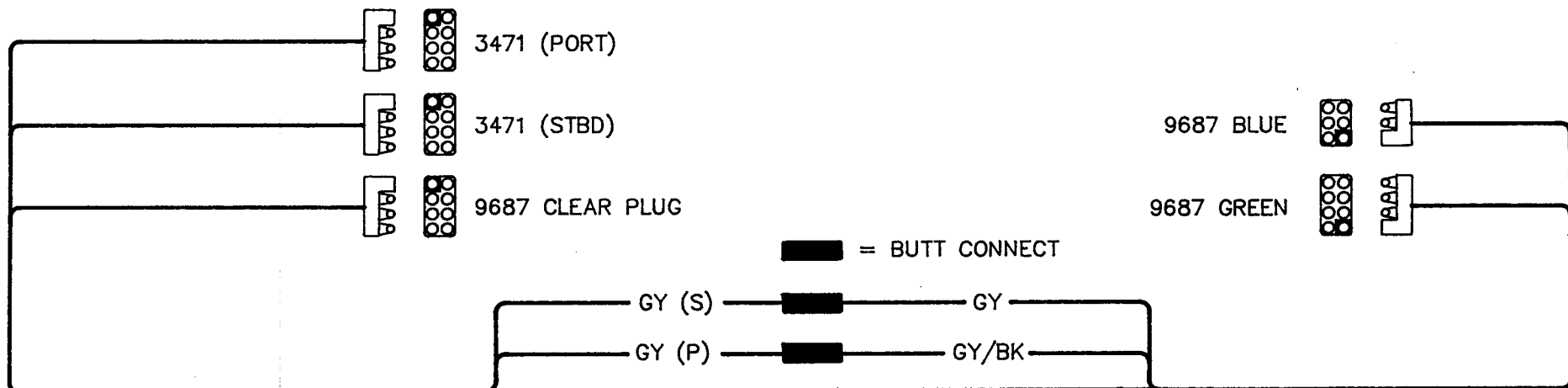
PORT IGNITION



**THUNDERBIRD
PRODUCTS
ENGINEERING**

PANEL #9616
PIGTAIL #9686

TITLE: IGNITION PANEL, GASOLINE		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-247	DATE: 11/01/85	(219) 724-9111



INSTRUMENT PANEL (REAR VIEW)

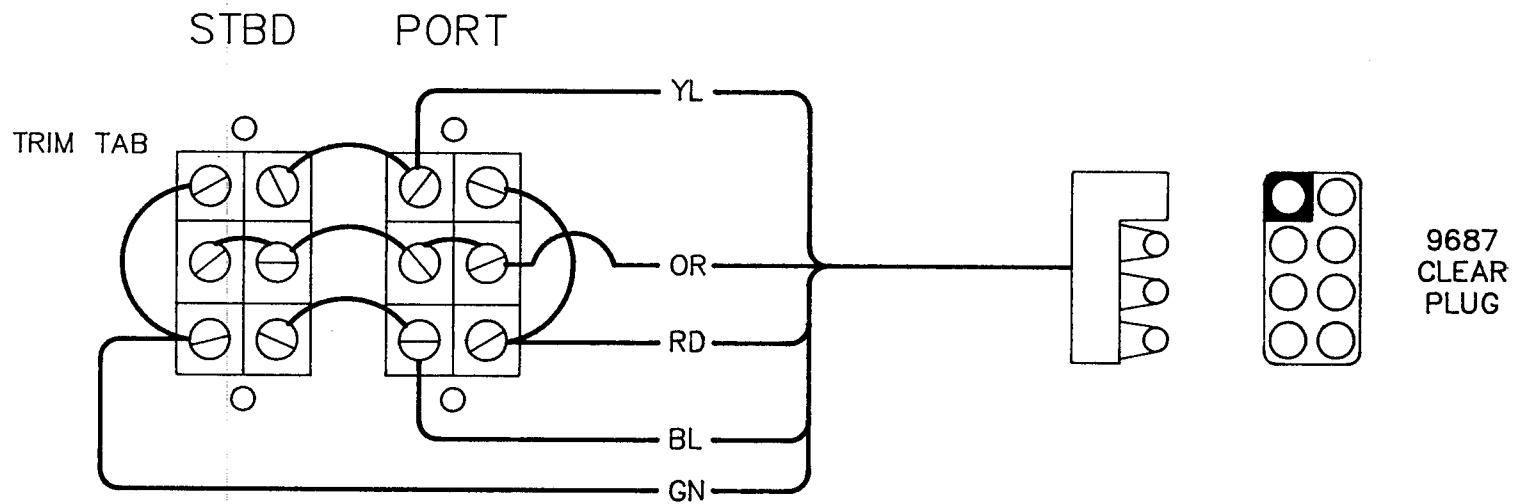
PANEL #9618
PIGATAIL #9687



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: INSTRUMENT PANEL		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-248	DATE: 11/01/88	(219) 724-9111

F-41 PC TRIM TAB BUTTONS (REAR VIEW)



**THUNDERBIRD
PRODUCTS
ENGINEERING**

PANEL #9618
PIGTAIL #9687

TITLE: TRIM TABS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-249	DATE: 11/01/86	(218) 724-8111

LEGEND

BREAKER
PANEL



LIGHT



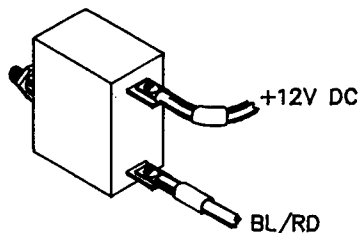
PLUG



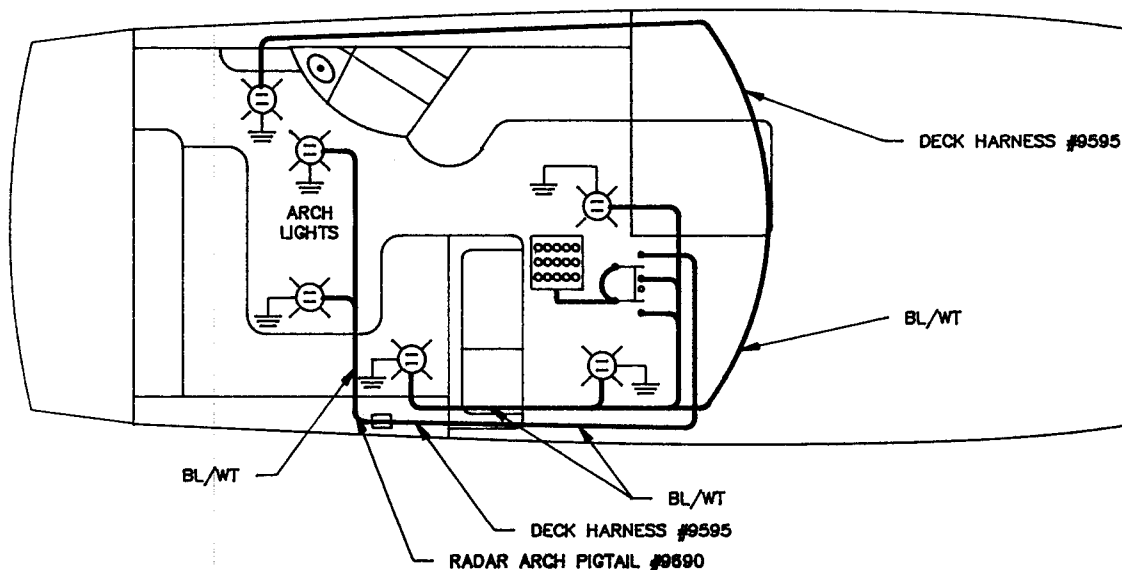
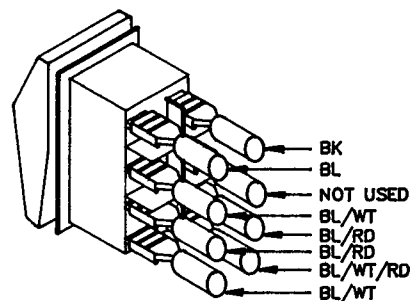
DC GROUND



LIGHTS BKR 20A
(DASH BKR PANEL #2)
(REAR VIEW)



COURTESY LIGHT SWITCH
(ACCESSORY PANEL)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #2, THE "LIGHTS" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE COURTESY LIGHTS CAN NOW BE OPERATED BY THE UPPER "COURT LIGHTS" SWITCH ON THE ACCESSORY PANEL.

NOTE: WHEN THE "COURT LIGHTS" SWITCH IS PUSHED UP, THE COCKPIT AND ARCH COURTESY LIGHTS WILL ILLUMINATE.

WHEN THE "COURT LIGHTS" SWITCH IS PUSHED DOWN, ONLY THE COCKPIT COURTESY LIGHTS WILL ILLUMINATE.



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: LIGHTS,
COURTESY

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: F-41 PC

DR BY: RLH

DECATUR IN., 48733-5003

NO.: 41-250

DATE: 11/01/88

(219) 724-9111

LEGEND

BREAKER
PANEL



LIGHT



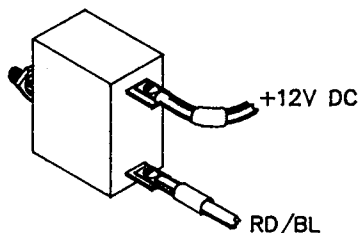
PLUG



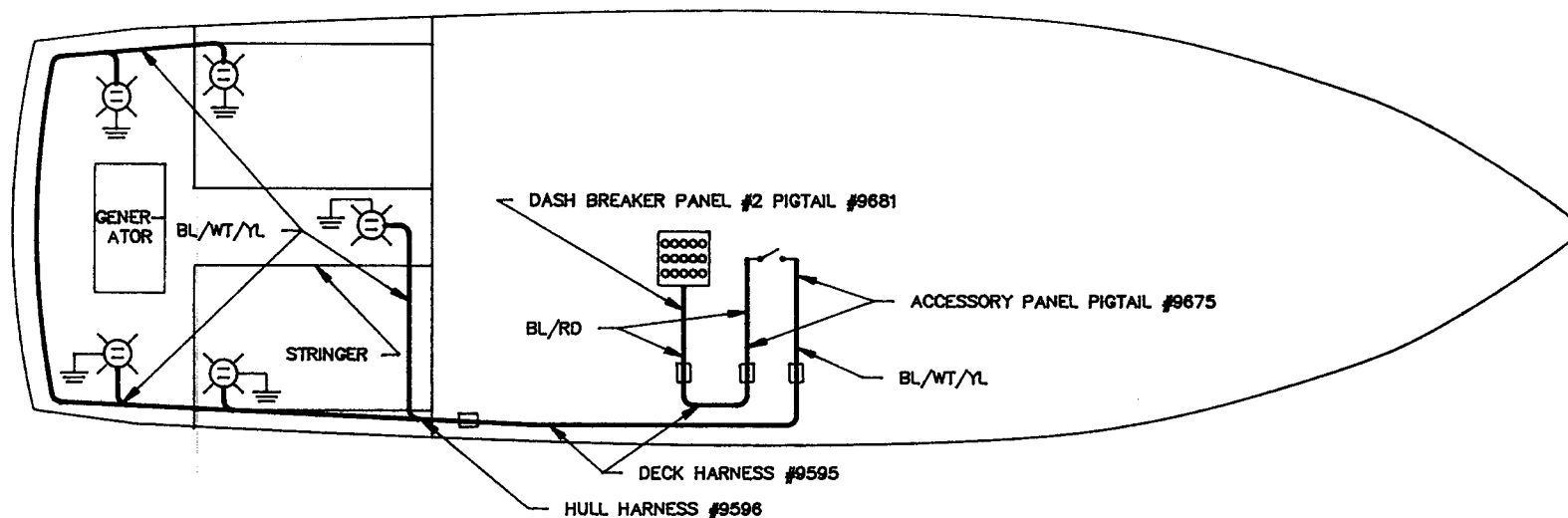
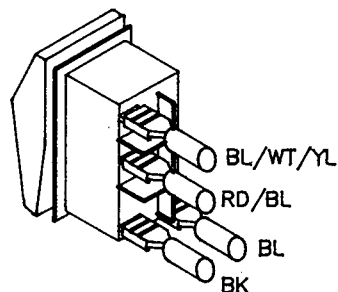
DC GROUND



LIGHTS BKR 20A
(DASH BKR PANEL #2)
(REAR VIEW)



COURTESY LIGHT SWITCH
(ACCESSORY PANEL)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, SWITCH THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #2, THE "LIGHTS" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE ENGINE BILGE LIGHTS CAN NOW BE OPERATED BY THE LOWER "COURT LIGHTS" SWITCH ON THE ACCESSORY PANEL.



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: LIGHTS, ENGINE BILGE		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-251	DATE: 11/01/95	(219) 724-9111

LEGEND

BREAKER
PANEL



LIGHT



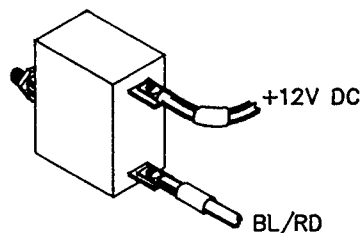
PLUG



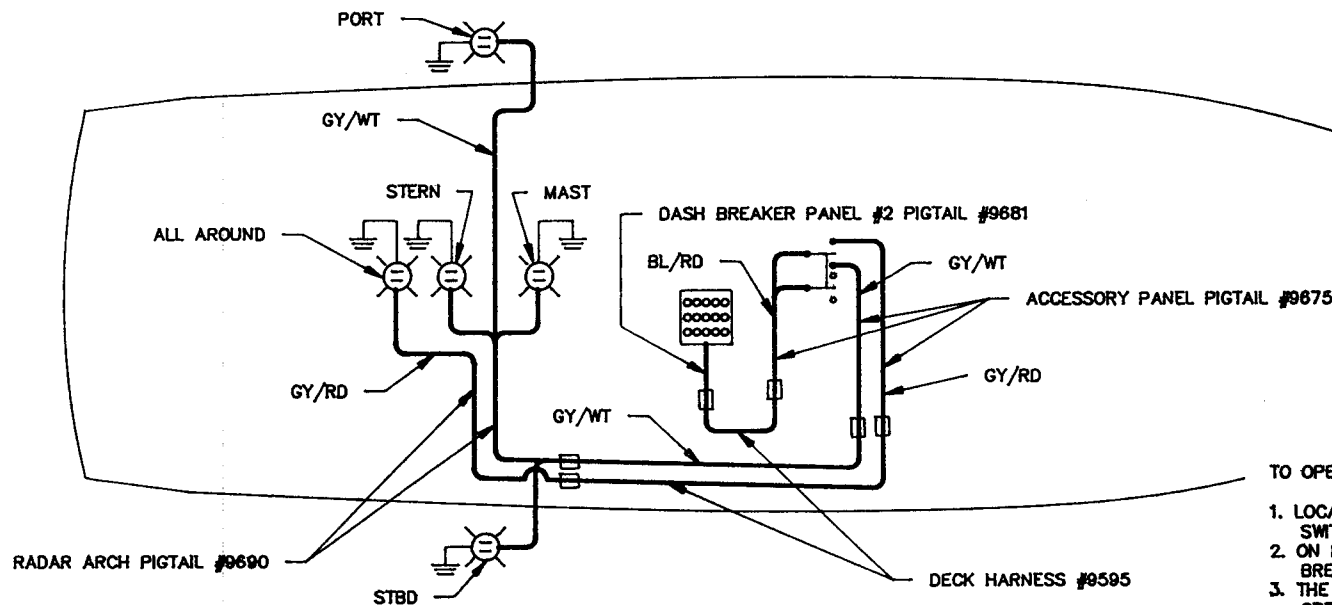
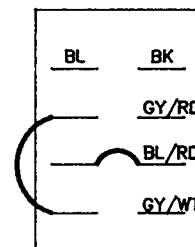
DPDT
SWITCH



LIGHTS BKR 20A
(DASH BKR PANEL #2)
(REAR VIEW)



NAV/ANCH SWITCH
(ACCESSORY PANEL)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #2, THE "LIGHTS" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE NAVIGATIONAL/ ANCHOR LIGHTS CAN NOW BE OPERATED BY THE "NAV/ANCH LIGHTS" SWITCH ON THE ACCESSORY PANEL.

NOTE: WHEN THE "NAV/ANCH LIGHTS" SWITCH IS PUSHED UP, THE PORT, STBD, STERN, AND MAST LIGHTS WILL ILLUMINATE.

WHEN THE "NAV/ANCH LIGHTS" SWITCH IS PUSHED DOWN, THE ALL AROUND LIGHT WILL ILLUMINATE.



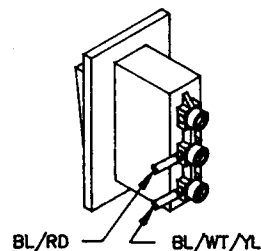
THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: LIGHTS, NAVIGATIONAL/ ANCHOR		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-252	DATE: 11/01/93	(219) 724-9111

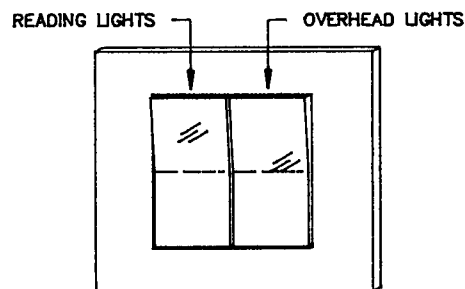
LEGEND

PLUG	□
LIGHT	⊗
DC GROUND	⏏
BREAKER SWITCH	⎓
SWITCH	⎓

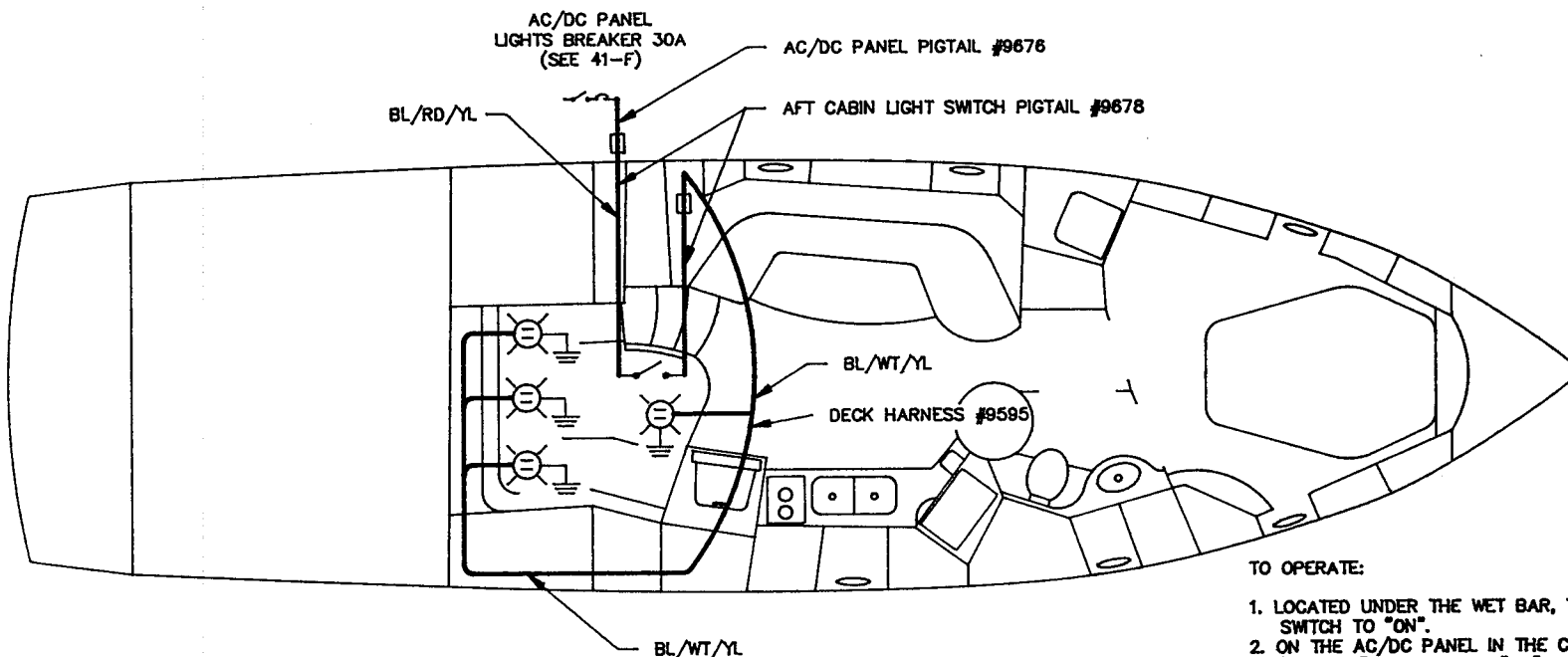
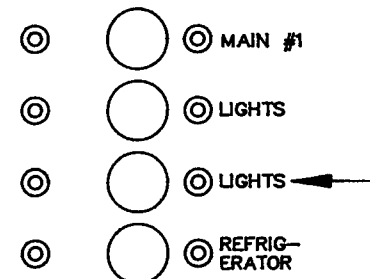
AFT CABIN LIGHT SWITCH (REAR VIEW)



AFT CABIN LIGHT SWITCH'S



AC/DC PANEL



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE SECOND "LIGHTS" BREAKER TO "ON".
4. THE AFT CABIN OVERHEAD LIGHTS CAN NOW BE OPERATED BY THE OVERHEAD LIGHT SWITCH.



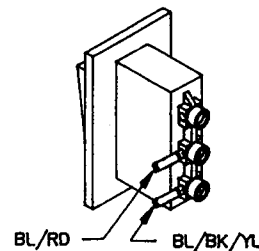
**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: LIGHTS, OVERHEAD		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-254	DATE: 11/01/86	(219) 724-9111

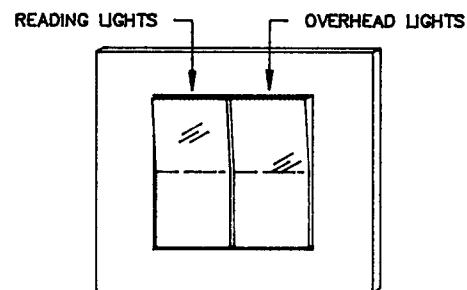
LEGEND

PLUG	□
LIGHT	⊗
DC GROUND	⏏
BREAKER SWITCH	⏏
SWITCH	⏏

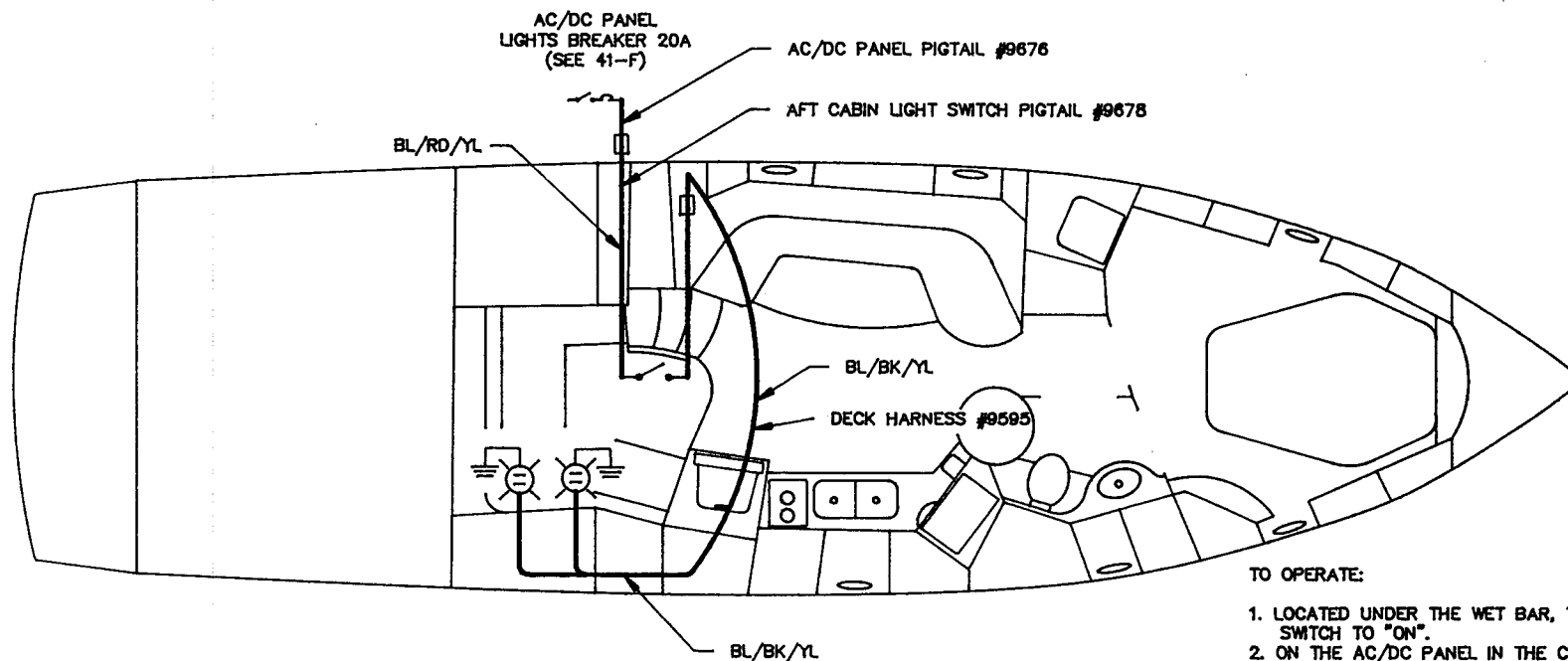
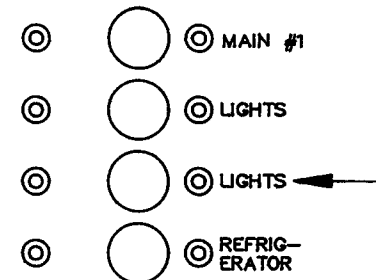
AFT CABIN LIGHT SWITCH (REAR VIEW)



AFT CABIN LIGHT SWITCH'S



AC/DC PANEL



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE SECOND "LIGHTS" BREAKER TO "ON".
4. THE AFT CABIN READING LIGHTS CAN NOW BE OPERATED BY THE READING LIGHT SWITCH.



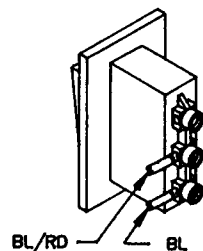
**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: LIGHTS, READING		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-255	DATE: 11/01/86	(219) 724-9111

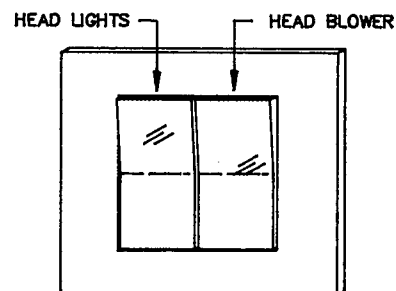
LEGEND

BREAKER SWITCH	
SWITCH	
LIGHT	
PLUG	
DC GROUND	

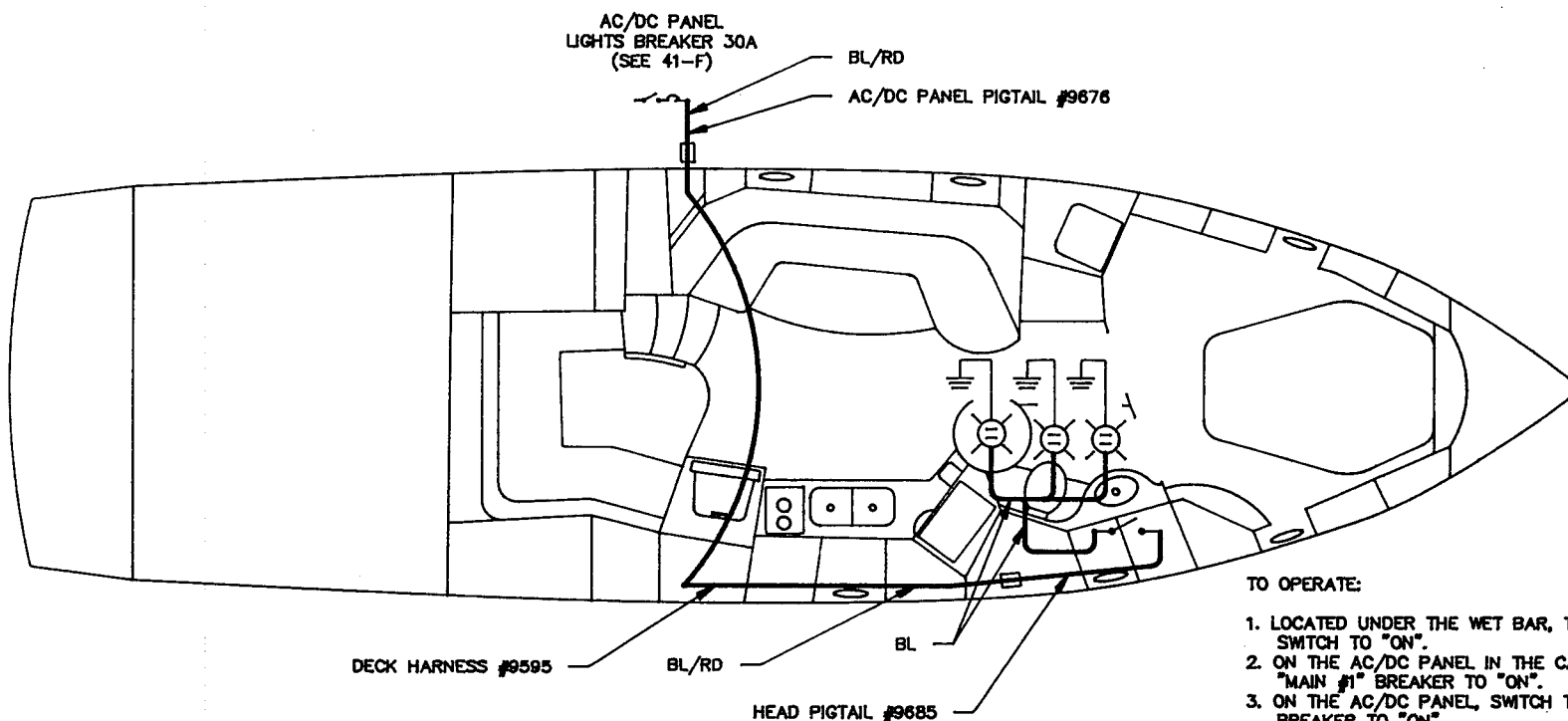
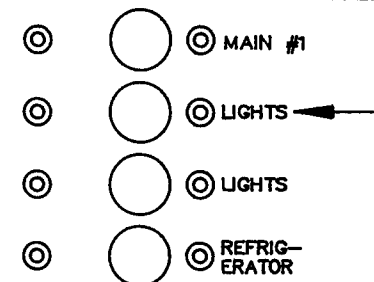
HEAD LIGHT SWITCH (REAR VIEW)



HEAD LIGHT SWITCH



AC/DC PANEL



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE FIRST "LIGHTS" BREAKER TO "ON".
4. THE HEAD LIGHTS CAN NOW BE OPERATED BY THE HEAD LIGHT SWITCH.



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: LIGHTS,
HEAD

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: F-41 PC

DR BY: RLH

DECATUR IN., 46733-5003

NO.: 41-256

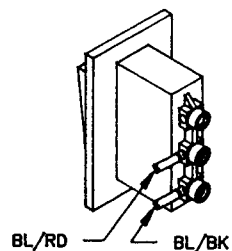
DATE: 11/01/86

(219) 724-9111

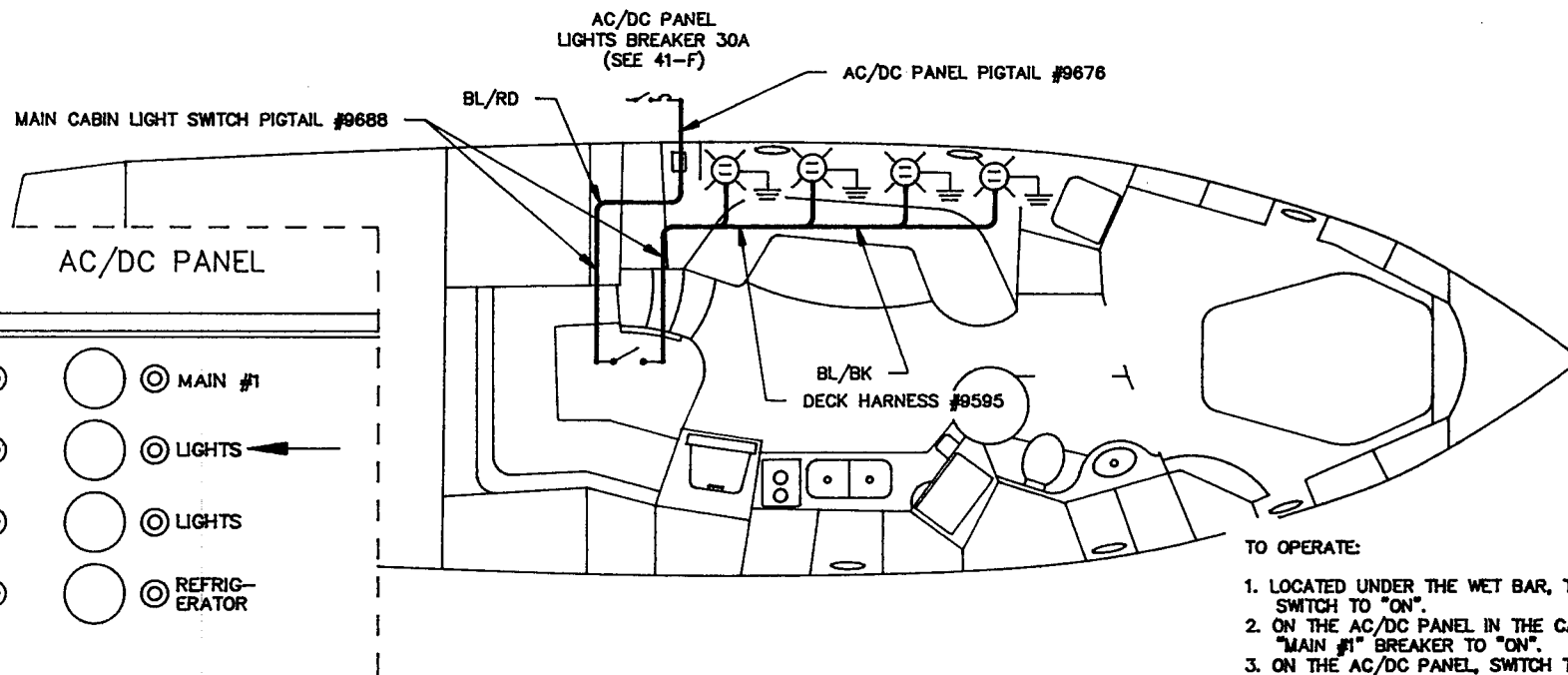
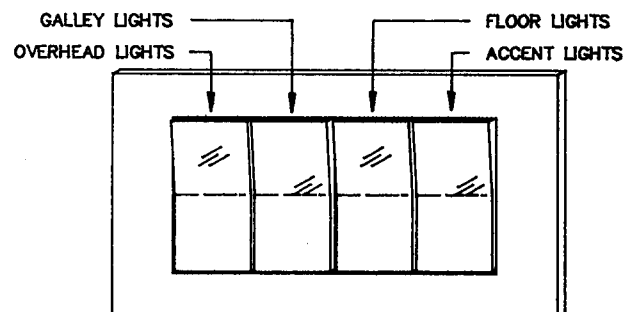
LEGEND

PLUG	□
LIGHT	⊗
DC GROUND	⊥
SWITCH	—/—
BREAKER SWITCH	—/—/—

ACCENT LIGHT SWITCH (REAR VIEW)



MAIN CABIN LIGHT SWITCH'S



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE FIRST "LIGHTS" BREAKER TO "ON".
4. THE ACCENT LIGHTS CAN NOW BE OPERATED BY THE ACCENT LIGHT SWITCH.



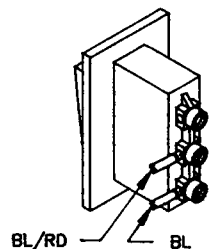
**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: LIGHTS, MAIN CABIN ACCENT		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-257	DATE: 11/01/86	(219) 724-9111

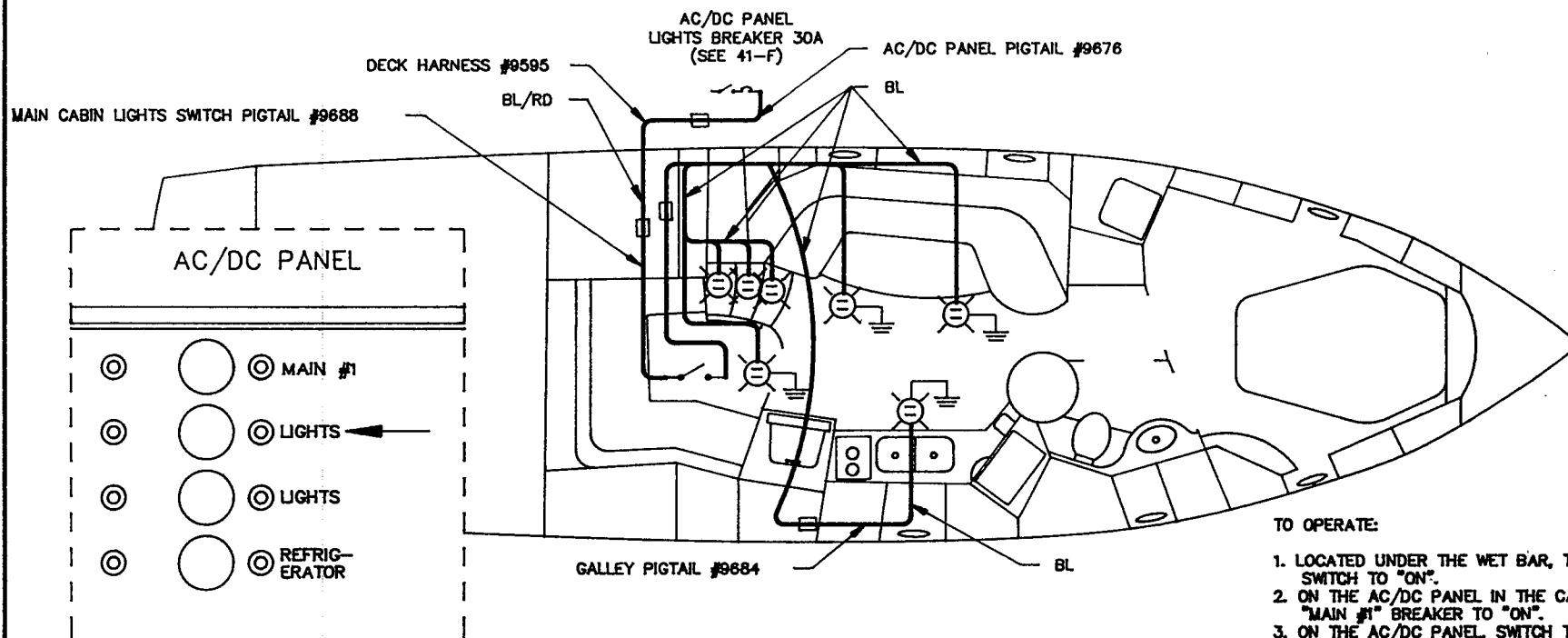
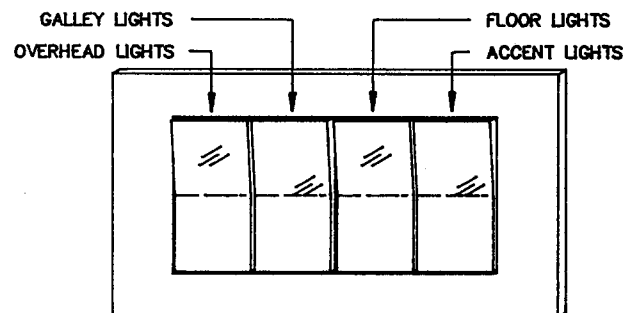
LEGEND

PLUG	
LIGHT	
DC GROUND	
BREAKER SWITCH	
SWITCH	

FLOOR LIGHT SWITCH (REAR VIEW)



MAIN CABIN LIGHT SWITCH'S



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE FIRST "LIGHTS" BREAKER TO "ON".
4. THE FLOOR LIGHTS CAN NOW BE OPERATED BY THE FLOOR LIGHT SWITCH.



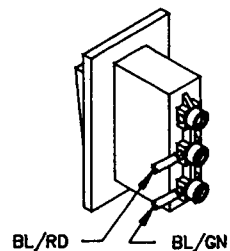
**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: LIGHTS, MAIN CABIN, FLOOR		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-258	DATE: 11/01/86	(219) 724-9111

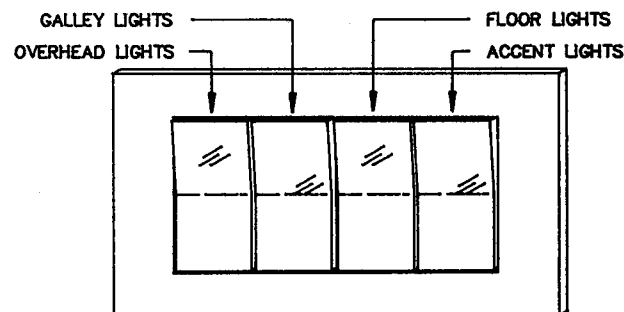
LEGEND

PLUG	□
LIGHT	⊗
DC GROUND	⊥
BREAKER SWITCH	— —
SWITCH	— — —

GALLEY LIGHT SWITCH (REAR VIEW)



MAIN CABIN LIGHT SWITCH'S



AC/DC PANEL
LIGHTS BREAKER 30A
(SEE 41-F)

AC/DC PANEL PIGTAIL #9676

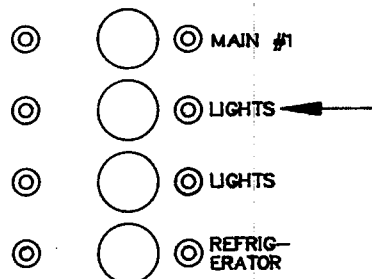
MAIN CABIN LIGHT SWITCH PIGTAIL #9688

BL/RD

BL/GN

DECK HARNESS #9595

AC/DC PANEL



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE FIRST "LIGHTS" BREAKER TO "ON".
4. THE GALLEY LIGHTS CAN NOW BE OPERATED BY THE GALLEY LIGHT SWITCH.



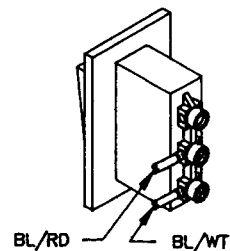
THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: LIGHTS, MAIN CABIN, GALLEY		THUNDERBIRD PRODUCTS P.O. BOX 1003	
MOD.: F-41 PC	DR BY: RLH	DECATUR IN. 46733-5003	
NO.: 41-259	DATE: 11/01/86	(219) 724-9111	

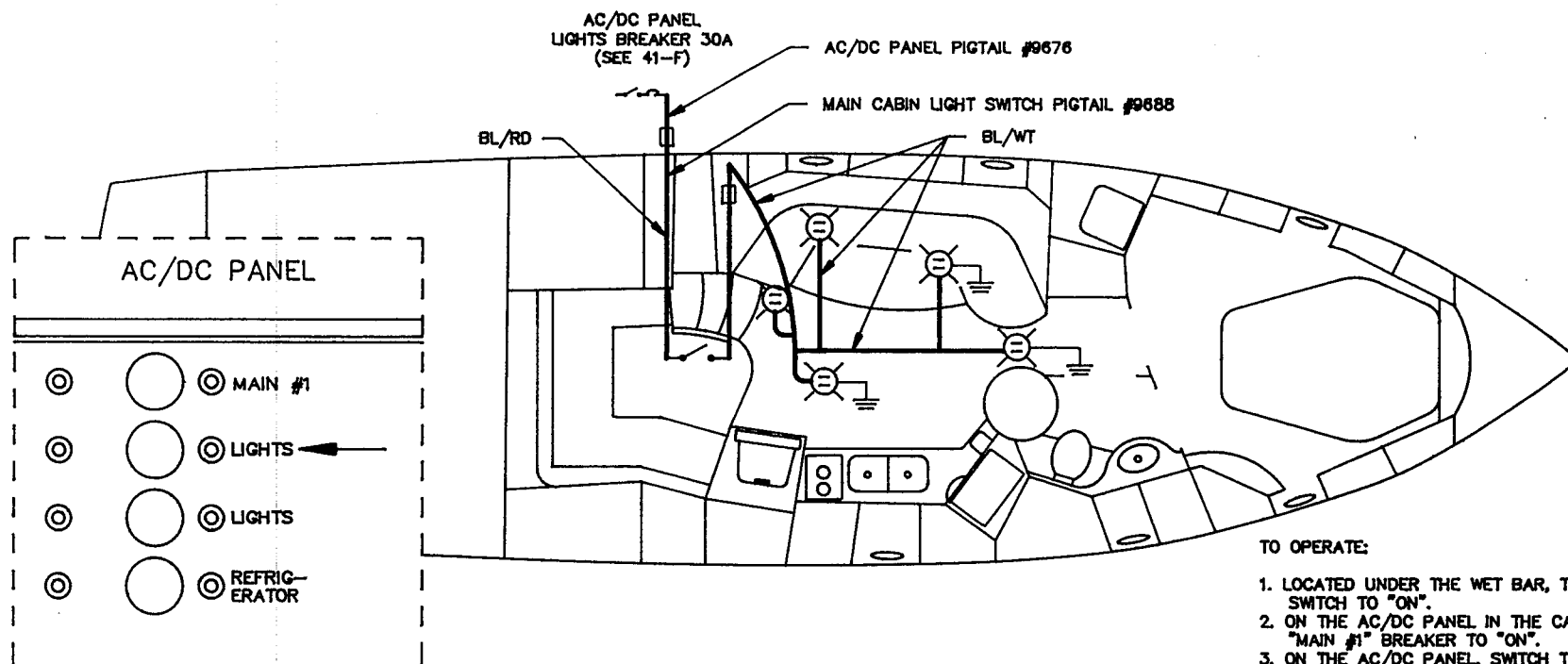
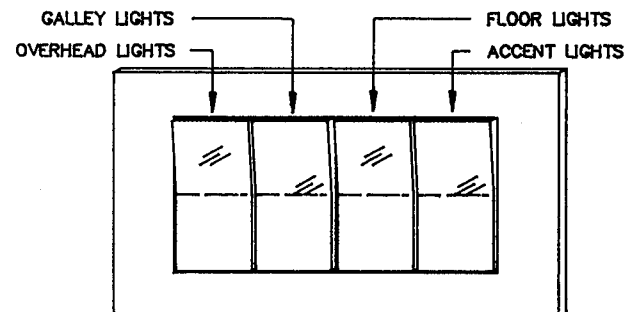
LEGEND

PLUG	
LIGHT	
DC GROUND	
BREAKER SWITCH	
SWITCH	

OVERHEAD LIGHT SWITCH (REAR VIEW)



MAIN CABIN LIGHT SWITCH'S



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE FIRST "LIGHTS" BREAKER TO "ON".
4. THE OVERHEAD LIGHTS CAN NOW BE OPERATED BY THE OVERHEAD LIGHT SWITCH.



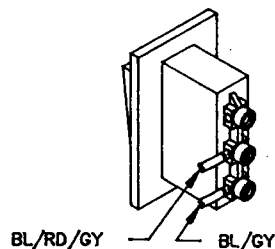
**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: LIGHTS, MAIN CABIN OVERHEAD		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-6003
NO.: 41-260	DATE: 11/01/95	(219) 724-9111

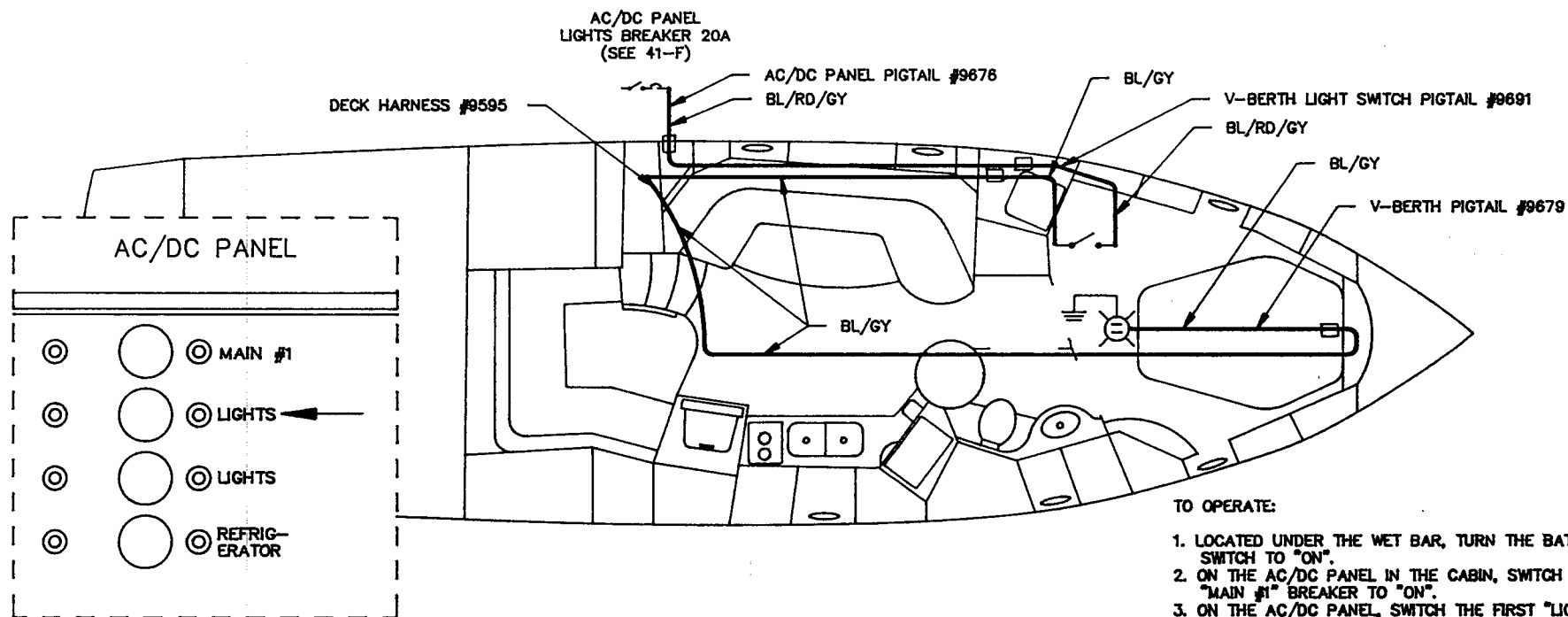
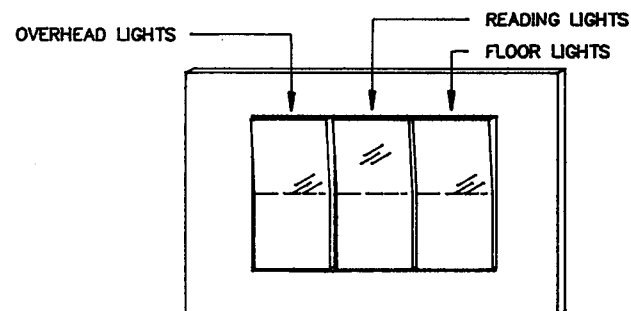
LEGEND

BREAKER SWITCH	
SWITCH	
LIGHT	
PLUG	
DC GROUND	

V-BERTH FLOOR LIGHT SWITCH (REAR VIEW)



V-BERTH LIGHT SWITCH'S



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE FIRST "LIGHTS" BREAKER TO "ON".
4. THE V-BERTH FLOOR LIGHTS CAN NOW BE OPERATED BY THE V-BERTH FLOOR LIGHT SWITCH.



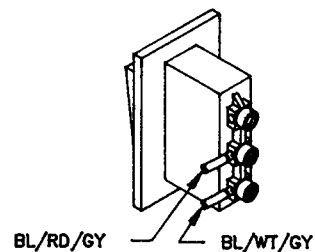
**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: LIGHTS, V-BERTH, FLOOR		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-261	DATE: 11/01/96	(219) 724-9111

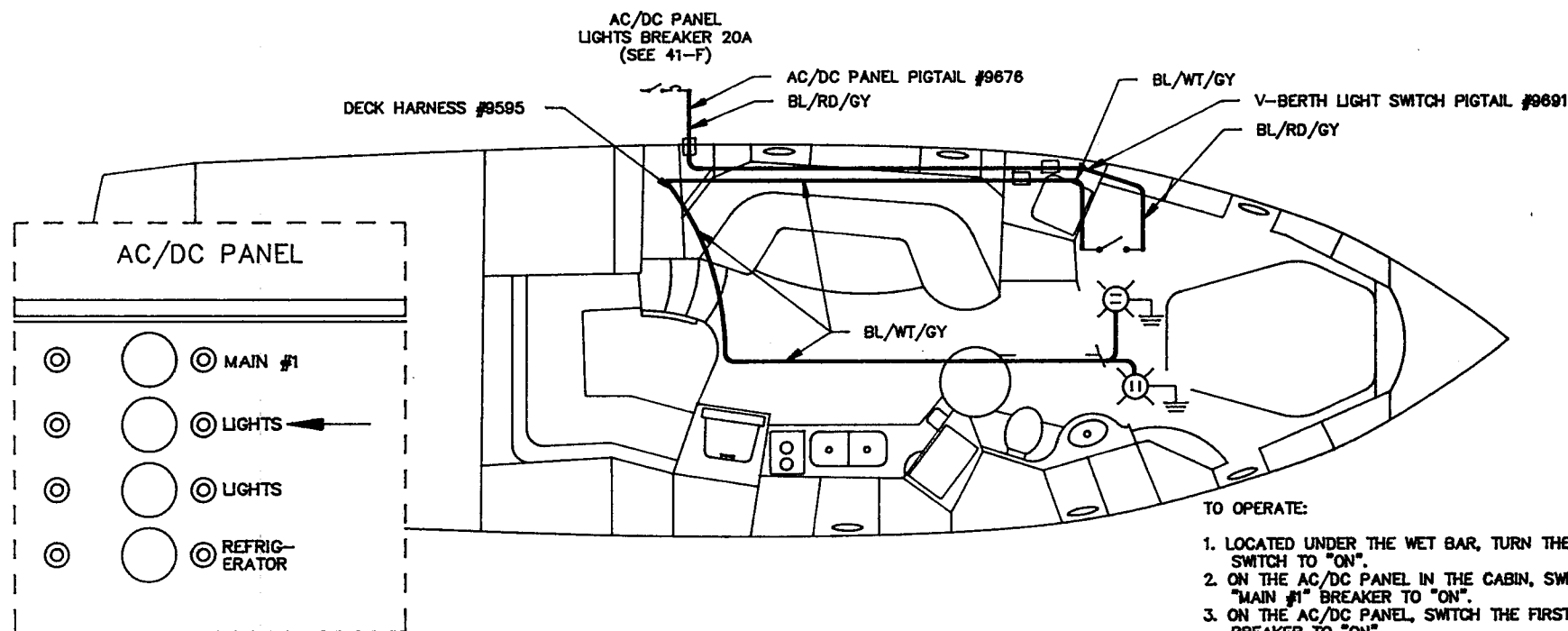
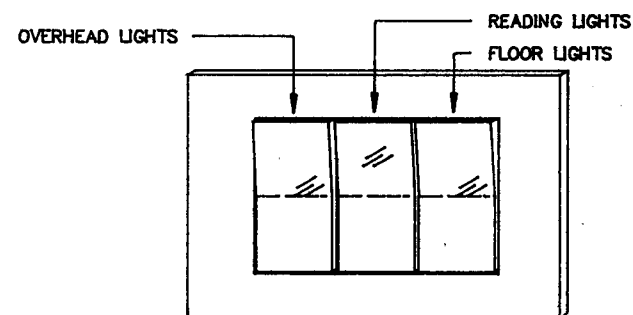
LEGEND

BREAKER SWITCH	
SWITCH	
LIGHT	
PLUG	
DC GROUND	

V-BERTH OVERHEAD LIGHT SWITCH (REAR VIEW)



V-BERTH LIGHT SWITCH'S



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE FIRST "LIGHTS" BREAKER TO "ON".
4. THE V-BERTH OVERHEAD LIGHTS CAN NOW BE OPERATED BY THE V-BERTH OVERHEAD LIGHT SWITCH.



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: LIGHTS, V-BERTH, OVERHEAD		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-262	DATE: 11/01/86	(219) 724-9111

LEGEND

BREAKER SWITCH 

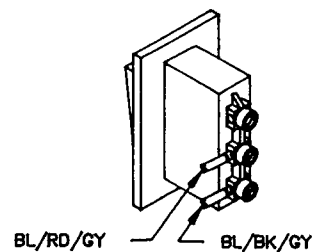
SWITCH 

LIGHT 

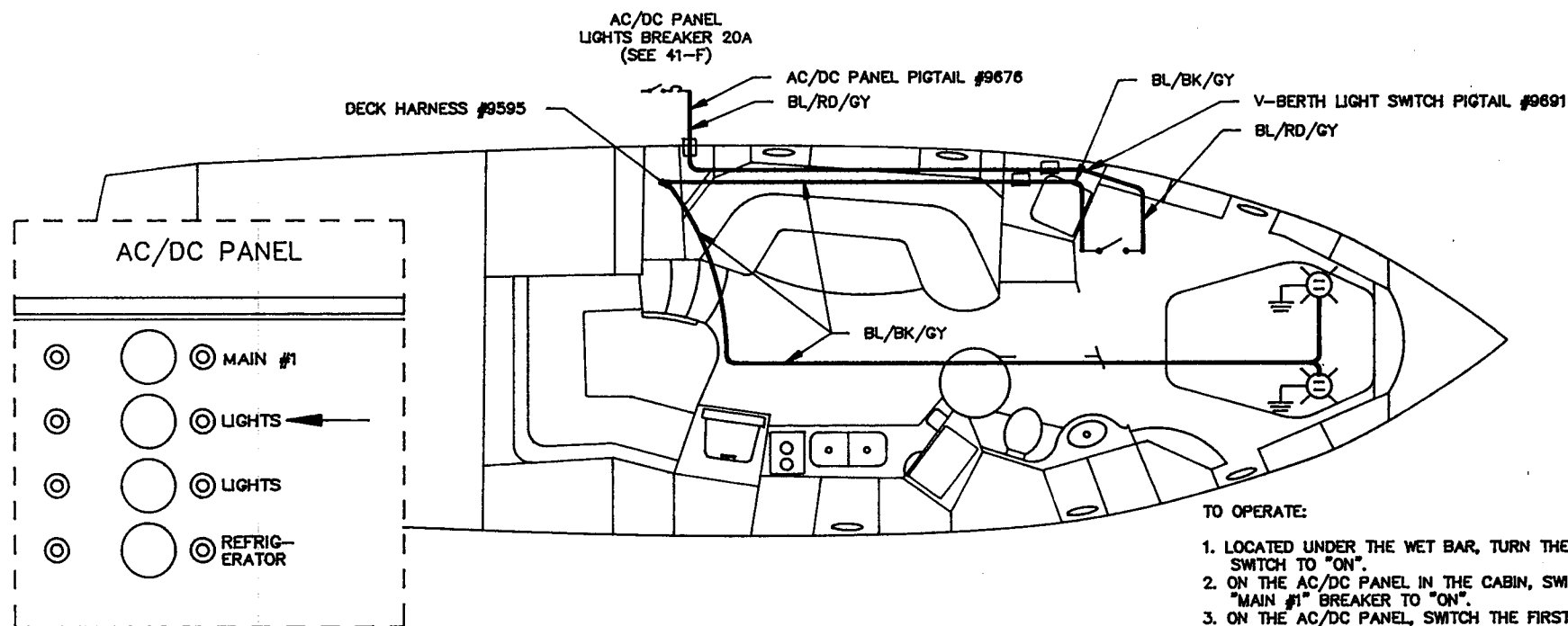
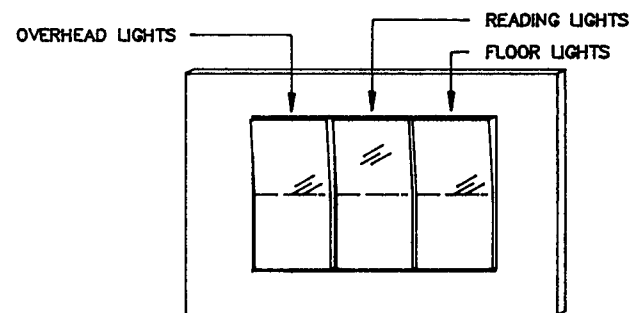
PLUG 

DC GROUND 

V-BERTH READING LIGHT SWITCH (REAR VIEW)



V-BERTH LIGHT SWITCH'S



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE FIRST "LIGHTS" BREAKER TO "ON".
4. THE V-BERTH READING LIGHTS CAN NOW BE OPERATED BY THE V-BERTH READING LIGHT SWITCH.



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: LIGHTS, V-BERTH
READING

THUNDERBIRD PRODUCTS
P.O. BOX 1003

MOD.: F-41 PC

DR BY: RLH

DECATUR IN., 46733-5003

NO.: 41-263

DATE: 11/01/96

(219) 724-9111

LEGEND

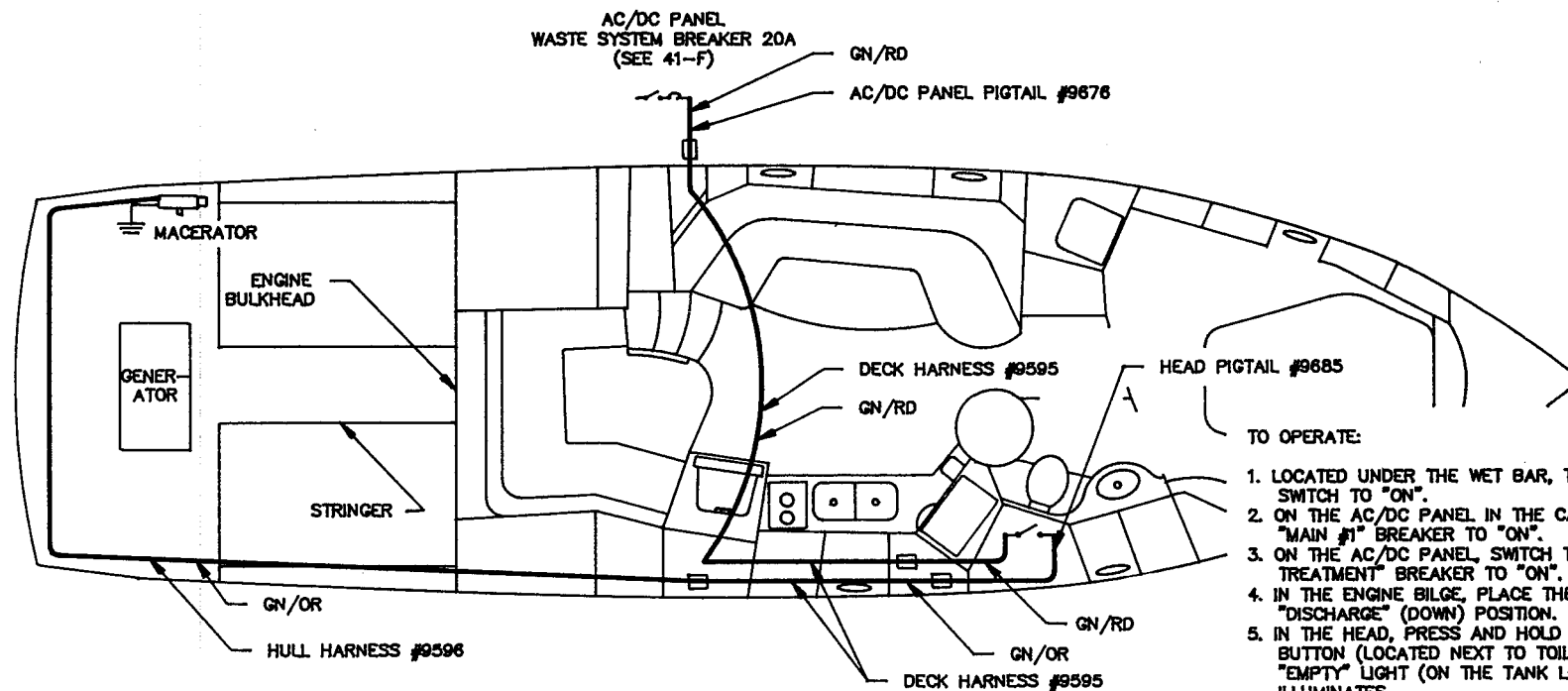
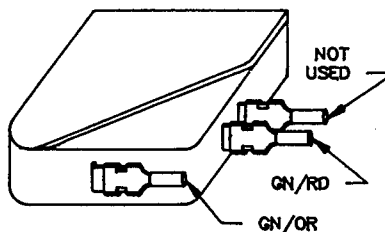
BREAKER SWITCH 

SWITCH 

PLUG 

DC GROUND 

MACERATOR SWITCH (REAR VIEW)



TO OPERATE:

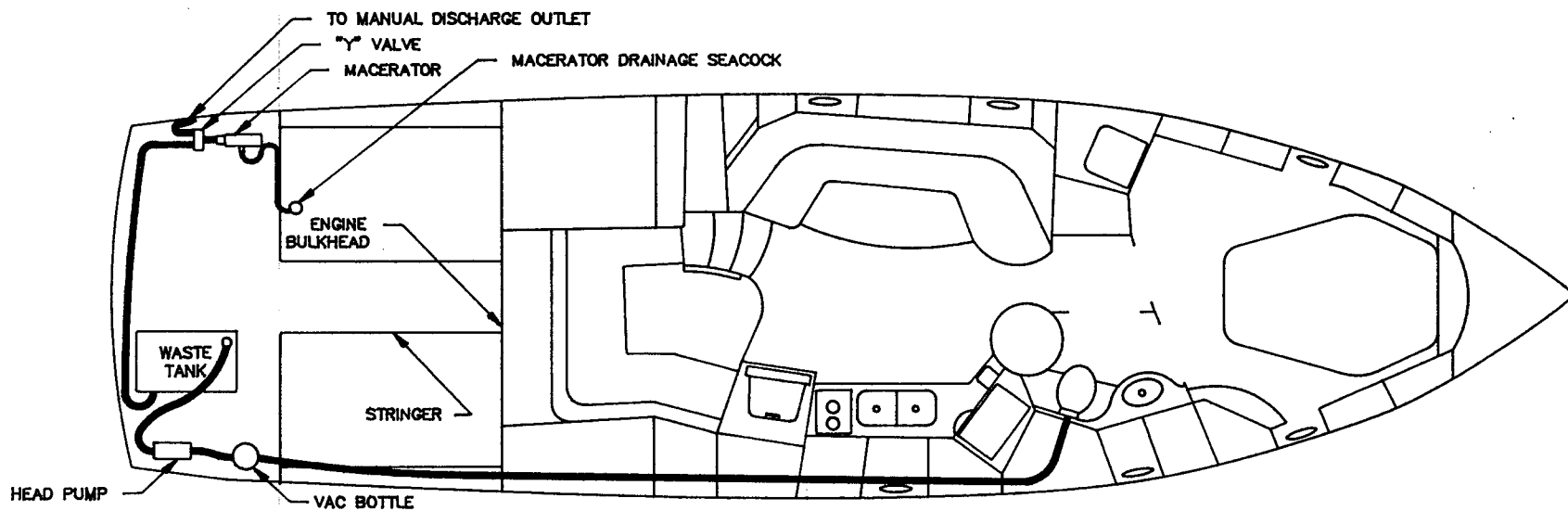
1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE "WASTE TREATMENT" BREAKER TO "ON".
4. IN THE ENGINE BILGE, PLACE THE "Y" VALVE IN THE "DISCHARGE" (DOWN) POSITION.
5. IN THE HEAD, PRESS AND HOLD THE MACERATOR BUTTON (LOCATED NEXT TO TOILET) UNTIL THE "EMPTY" LIGHT (ON THE TANK LEVEL MONITOR) ILLUMINATES.

NOTE: FOLLOW ALL LOCAL, STATE, AND FEDERAL GUIDELINES FOR WASTE DISCHARGE.



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: MACERATOR, ELECTRICAL		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN. 48733-5003
NO.: 41-270	DATE: 11/01/96	(218) 724-9111



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: MACERATOR/ HEAD PUMP PLUMBING		THUNDERBIRD PRODUCTS	
		P.O. BOX 1003	
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003	
NO.: 41-271	DATE: 11/01/96	(219) 724-9111	

LEGEND

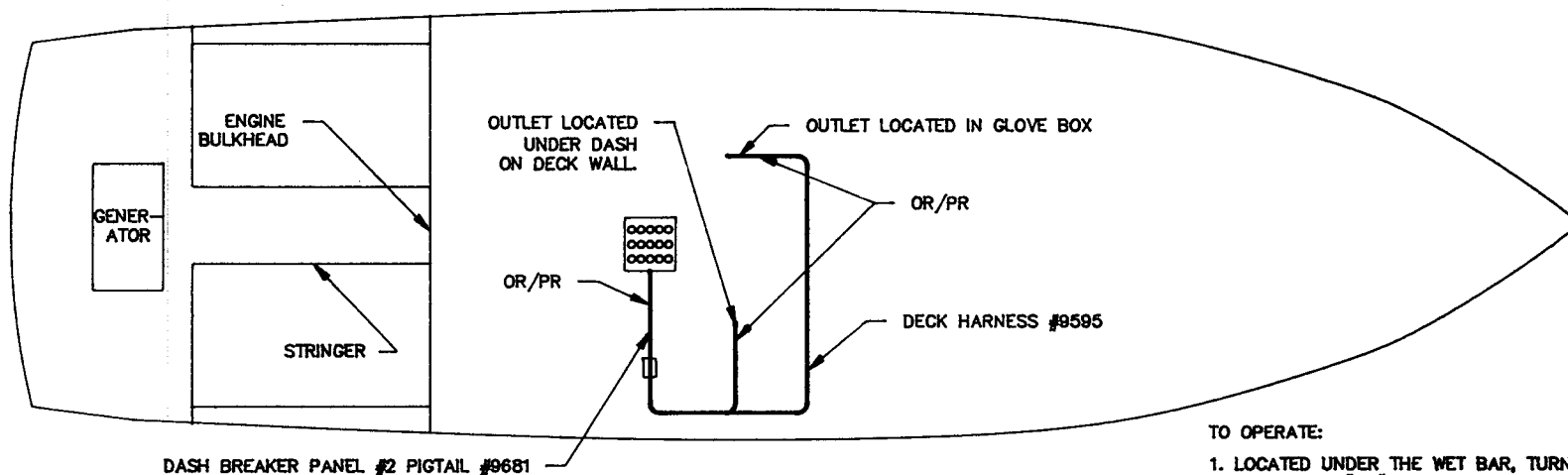
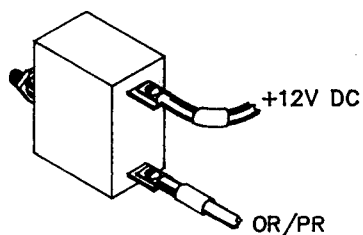
BREAKER
PANEL



PLUG



12 VOLT OUTLET BKR 15A
(DASH BKR PANEL #2)
(REAR VIEW)



DASH BREAKER PANEL #2 PIGTAIL #9681

TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #2, THE "12 VOLT OUTLET" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE 12 VOLT OUTLETS ARE NOW SUPPLIED WITH 12 VOLTS DC.

NOTE: ALSO IN THE GLOVE BOX IS A CELLULAR ANTENNA JACK THAT IS CONNECTED TO A CELLULAR ANTENNA ON THE RADAR ARCH.



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: 12 VOLT OUTLETS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-280	DATE: 11/01/86	(219) 724-8111

LEGEND

BREAKER
PANEL



PWC LIFT
PUMP



PLUG

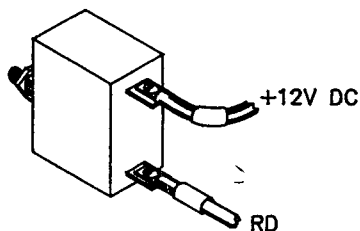


DC GROUND



PWC LIFT BKR 40A
(AFT BKR PANEL)
(REAR VIEW)

(UP & DOWN)



DOWN

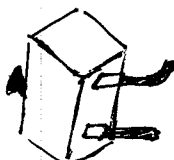
UP

PWC LIFT REMOTE CONTROL

PWC LIFT REMOTE

AFT
BREAKER
PANEL

PWC LIFT 15A



(SIDE-TO-SIDE)

PWC LIFT REMOTE CONTROL

HULL HARNESS #9596

AFT BREAKER PANEL PIGTAIL #9677

RD

ENGINE
BULKHEAD

RD

PWC BOOM

STRINGER

P



THUNDERBIRD
PRODUCTS
ENGINEERING

TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AFT BREAKER PANEL, THE "PWC LIFT" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE PERSONAL WATER CRAFT LIFT CAN NOW BE OPERATED BY THE "UP/DOWN" REMOTE.
4. TO TURN "OFF" THE PWC LIFT, THE "PWC LIFT" BREAKER MUST BE PULLED OUT (OPEN).

TITLE: PERSONAL WATER
CRAFT LIFT

THUNDERBIRD PRODUCTS
P.O. BOX 1003

MOD.: F-41 PC

DR. BY: RLH

DECATUR IN., 46733-5003

NO.: 41-290

DATE: 11/01/86

(219) 724-9111

LEGEND

BILGE PUMP



PLUG



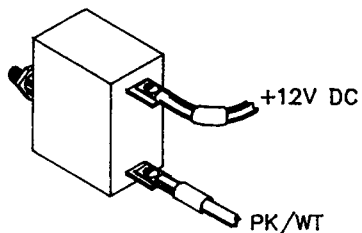
BREAKER
PANEL



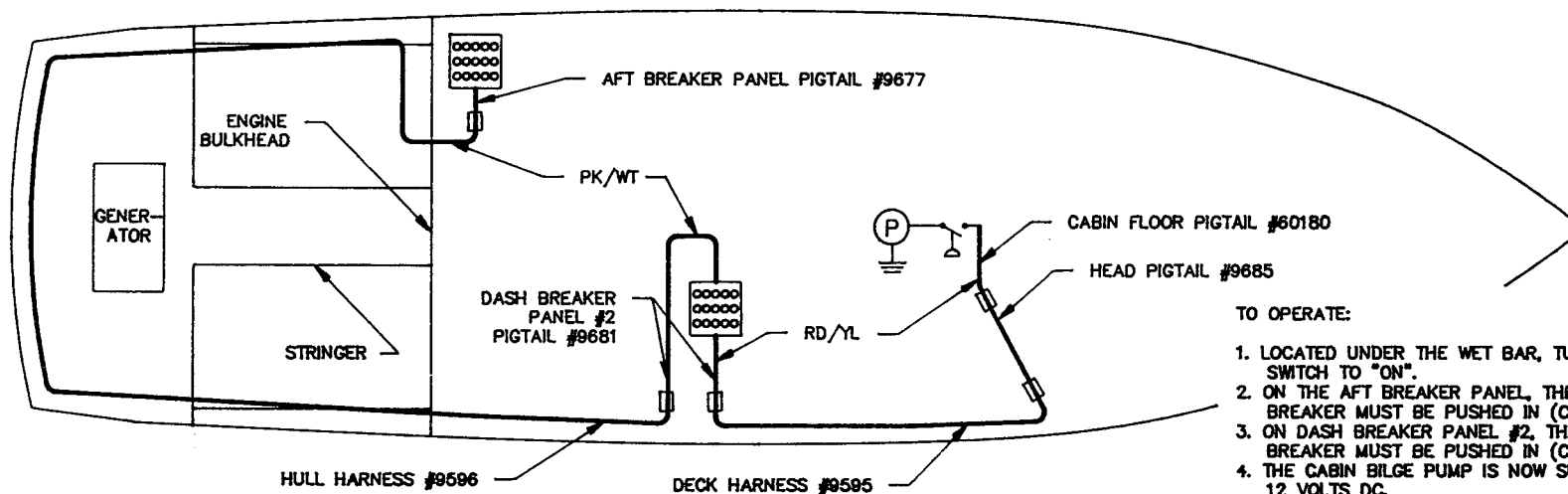
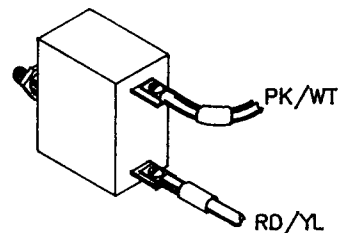
DC GROUND



CONSTANT POWER BREAKER 15A
(AFT BKR PANEL)
(REAR VIEW)



CABIN BILGE BREAKER 15A
(DASH BKR PANEL #2)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AFT BREAKER PANEL, THE "CONST. POWER" BREAKER MUST BE PUSHED IN (CLOSED).
3. ON DASH BREAKER PANEL #2, THE "CABIN BILGE" BREAKER MUST BE PUSHED IN (CLOSED).
4. THE CABIN BILGE PUMP IS NOW SUPPLIED WITH 12 VOLTS DC.

NOTE: THE CABIN BILGE PUMP WILL AUTOMATICALLY START WHEN WATER IS AT A LEVEL HIGH ENOUGH TO ACTIVATE THE FLOAT SWITCH.

THE CABIN BILGE PUMP CAN NOT BE TURNED OFF BY TURNING THE HOUSE BATTERY SWITCH TO "OFF".



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: PUMP, CABIN BILGE		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-300	DATE: 11/01/95	(219) 724-9111

LEGEND

SWITCH 

BREAKER PANEL 

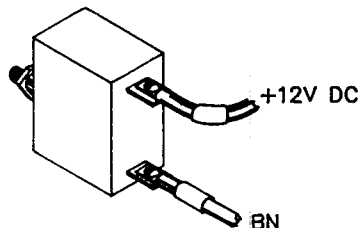
PLUG 

BILGE PUMP 

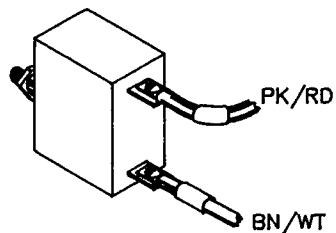
FLOAT SWITCH 

DC GROUND 

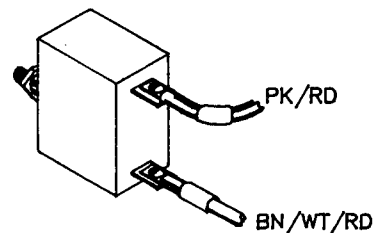
BILGE PUMP BREAKER 15A
(DASH BKR PANEL #2)
(REAR VIEW)



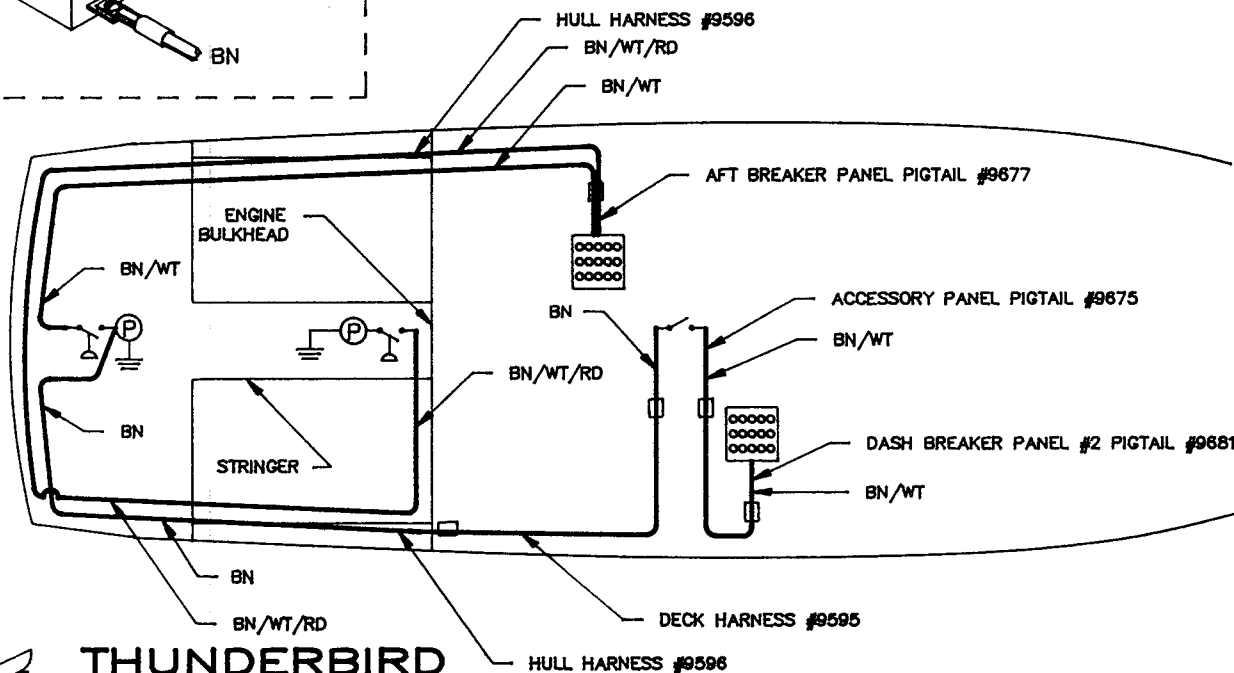
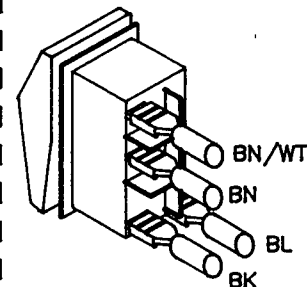
AFT BILGE BREAKER 15A
(AFT BKR PANEL)
(REAR VIEW)



FWD BILGE BREAKER 15A
(AFT BKR PANEL)
(REAR VIEW)



BILGE PUMP SWITCH
(ACCESSORY PANEL)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, ON THE AFT BREAKER PANEL, THE "FWD BILGE" AND "AFT BILGE" BREAKERS MUST BE PUSHED IN (CLOSED).
2. THE ENGINE BILGE PUMPS ARE NOW SUPPLIED WITH 12 VOLTS DC.

NOTE: THE ENGINE BILGE PUMPS WILL AUTOMATICALLY START WHEN WATER IS AT A LEVEL HIGH ENOUGH TO ACTIVATE THE FLOAT SWITCH.

THE ENGINE BILGE PUMPS CANNOT BE TURNED OFF BY TURNING THE HOUSE BATTERY SWITCH TO "OFF".

TO OPERATE MANUALLY:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #2, THE "BILGE PUMP" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE AFT BILGE PUMP CAN NOW BE OPERATED BY THE "BILGE PUMP" SWITCH ON THE ACCESSORY PANEL.



**THUNDERBIRD
PRODUCTS
ENGINEERING**

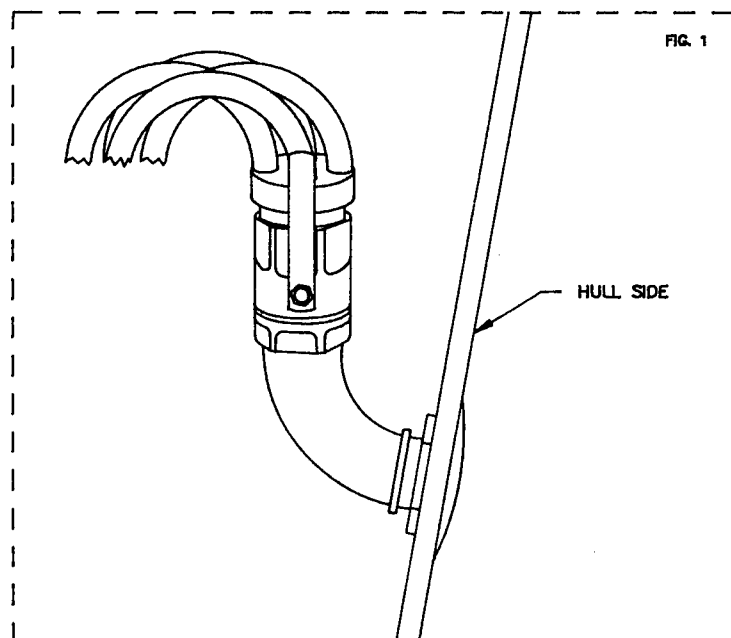
TITLE: PUMPS, ENGINE BILGE		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-301	DATE: 11/01/90	(219) 724-9111

LEGEND

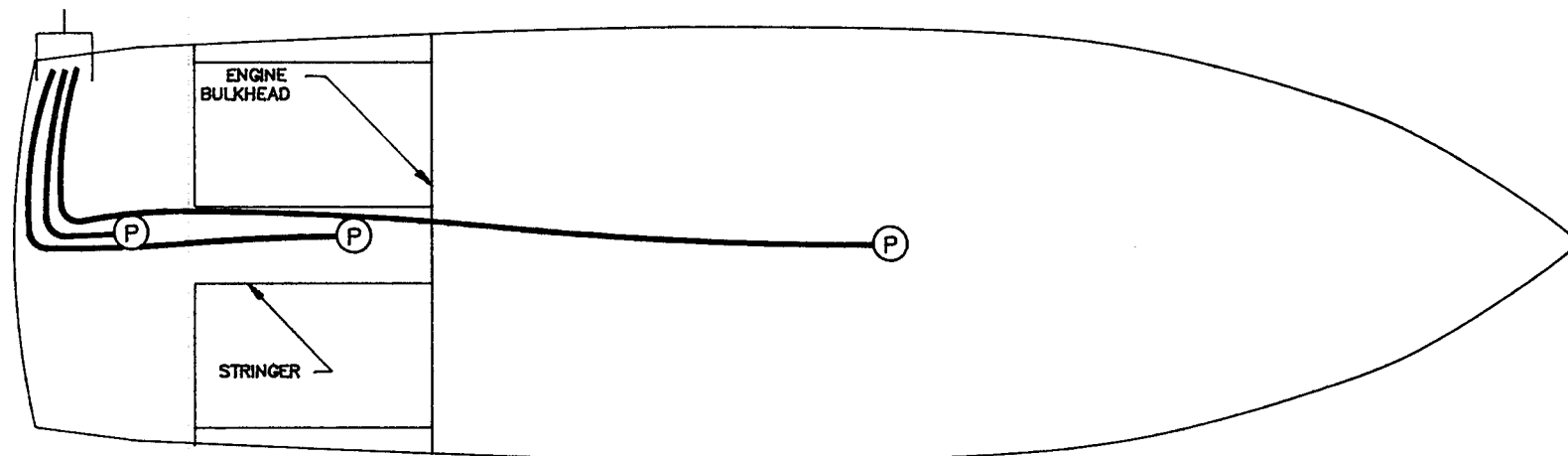
BILGE PUMP



DRAINAGE
LINE



TO THRU
HULL
(SEE FIG. 1)



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: PUMPS, DRAINAGE		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-302	DATE: 11/01/88	(219) 724-9111

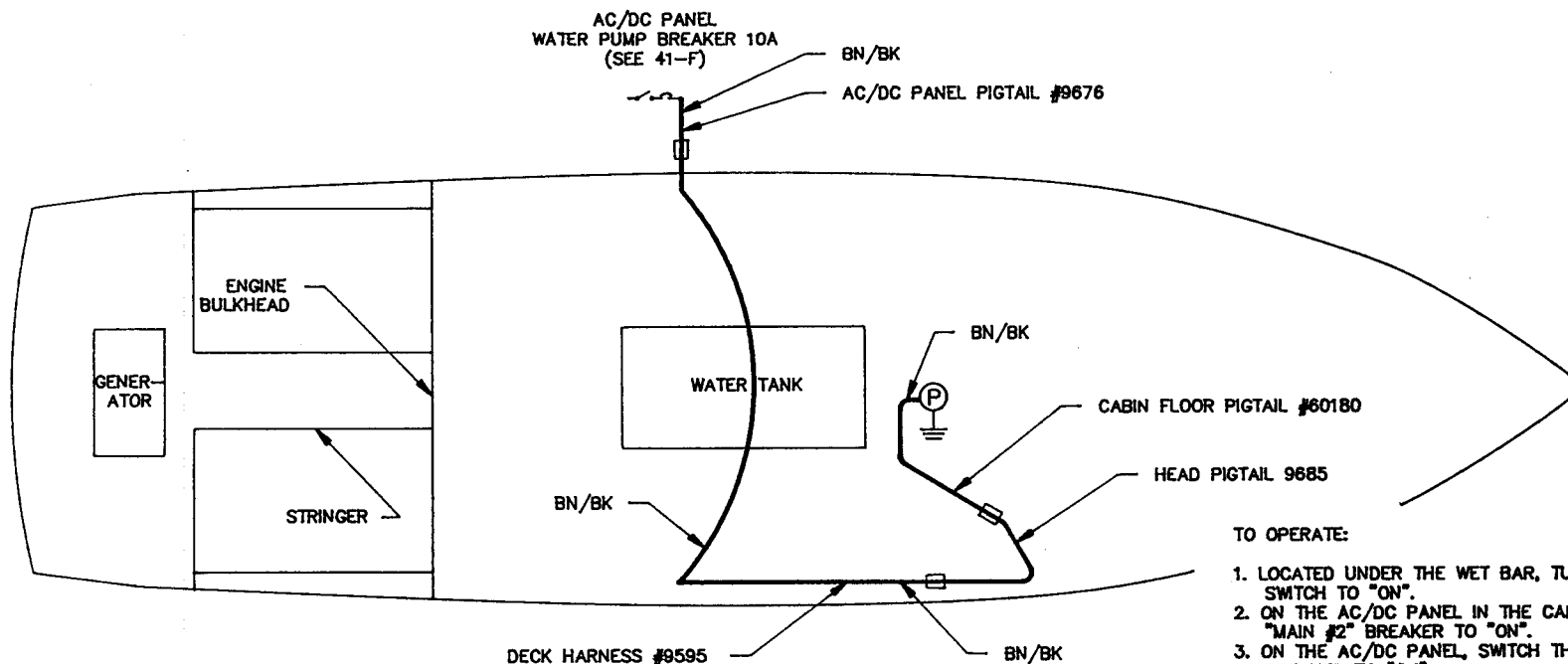
LEGEND

BREAKER SWITCH 

WATER PUMP 

PLUG 

DC GROUND 



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #2" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE "WATER PUMP" BREAKER TO "ON".
4. THE WATER PUMP IS NOW ON, AND WILL SHUT OFF AUTOMATICALLY WHEN THERE IS SUFFICIENT WATER PRESSURE IN THE SYSTEM.

NOTE: THE WATER PUMP DOES NOT NEED TO BE IN OPERATION WHEN BOAT IS CONNECTED TO SHORE WATER.

WARNING!

MAKE SURE WATER TANK HAS SUFFICIENT AMOUNT OF WATER TO RUN SYSTEM. RUNNING THE SYSTEM DRY CAN CAUSE DAMAGE TO THE WATER PUMP. WATER TANK GAUGE IS LOCATED IN CABINET, UNDER SINK.



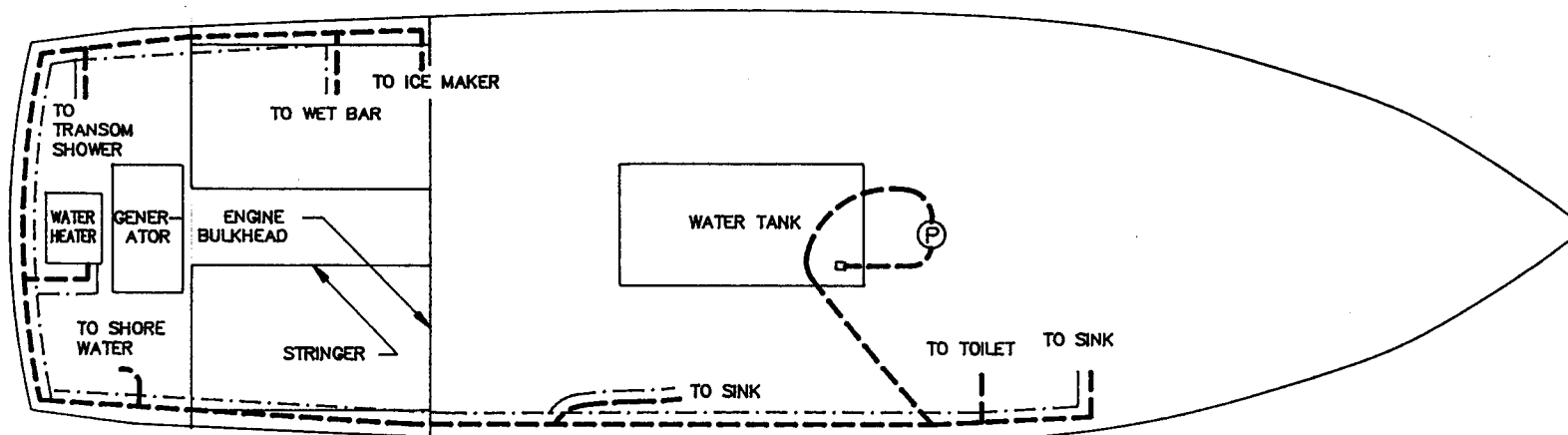
**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: PUMP, WATER		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-303	DATE: 11/01/86	(219) 724-9111

LEGEND

BREAKER SWITCH	~
WATER PUMP	(P)
PLUG	□
DC GROUND	⊥
COLD WATER LINE	---
HOT WATER LINE	- - -

NOTE: SEE 41-303 FOR OPERATING INSTRUCTIONS.



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: PUMP, WATER, PLUMBING		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-304	DATE: 11/01/95	(219) 724-9111

LEGEND

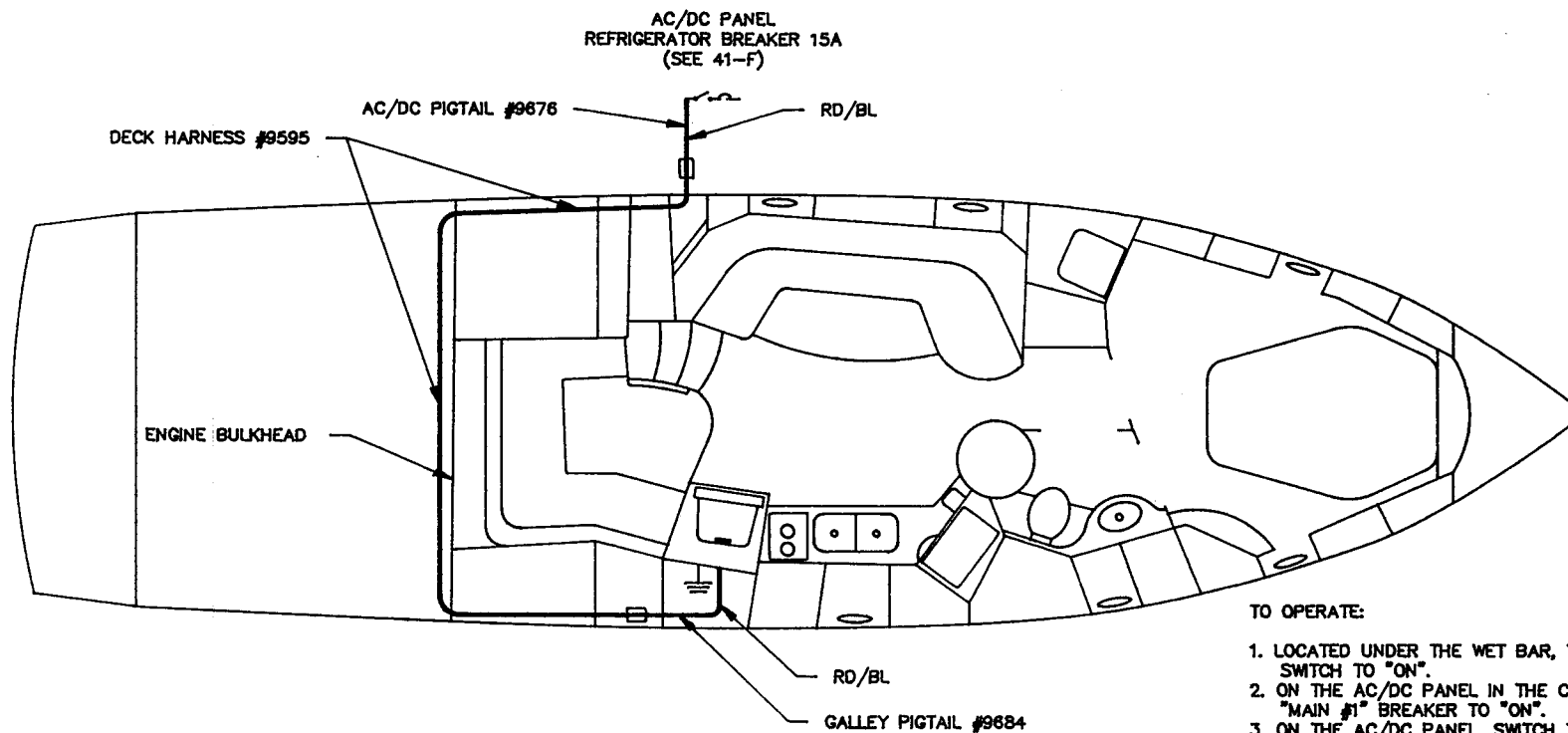
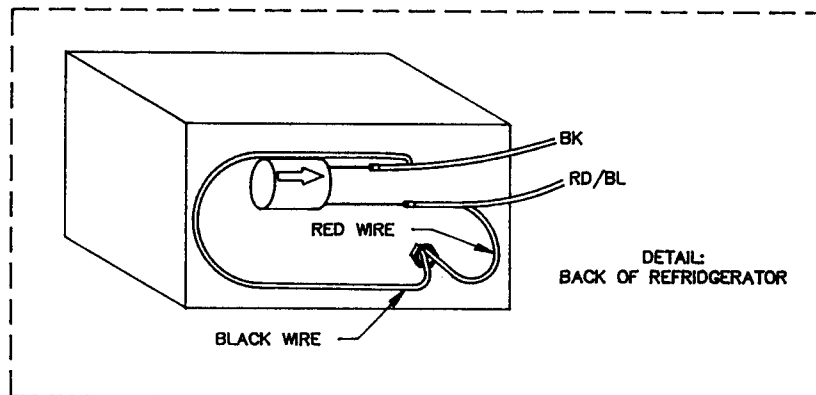
BREAKER
SWITCH



PLUG



DC GROUND



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #1" BREAKER TO "ON".
3. ON THE AC/DC PANEL, SWITCH THE "REFRIG-ERATOR" BREAKER TO "ON".
4. THE REFRIGERATOR IS NOW SUPPLIED WITH 12 VOLTS DC.



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: REFRIGERATOR		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-310	DATE: 11/01/96	(218) 724-8111

LEGEND

BREAKER SWITCH



PUMP



BREAKER PANEL



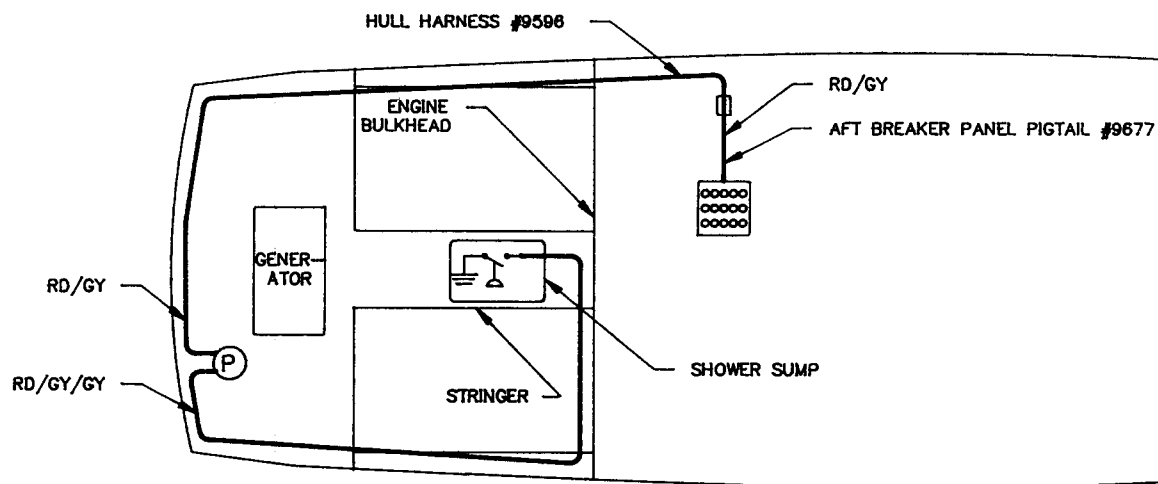
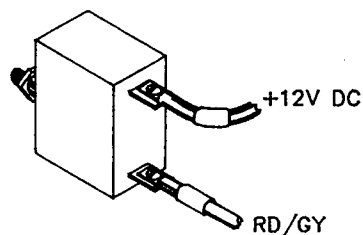
PLUG



DC GROUND



SHOWER SUMP BKR 5A
(AFT BKR PANEL)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AFT BREAKER PANEL, THE "SHOWER SUMP" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE SHOWER SUMP IS NOW SUPPLIED WITH 12 VOLTS DC.

NOTE: THE SHOWER SUMP PUMP WILL AUTOMATICALLY START WHEN THE WASTE WATER IS AT A LEVEL HIGH ENOUGH TO ACTIVATE THE FLOAT SWITCH.



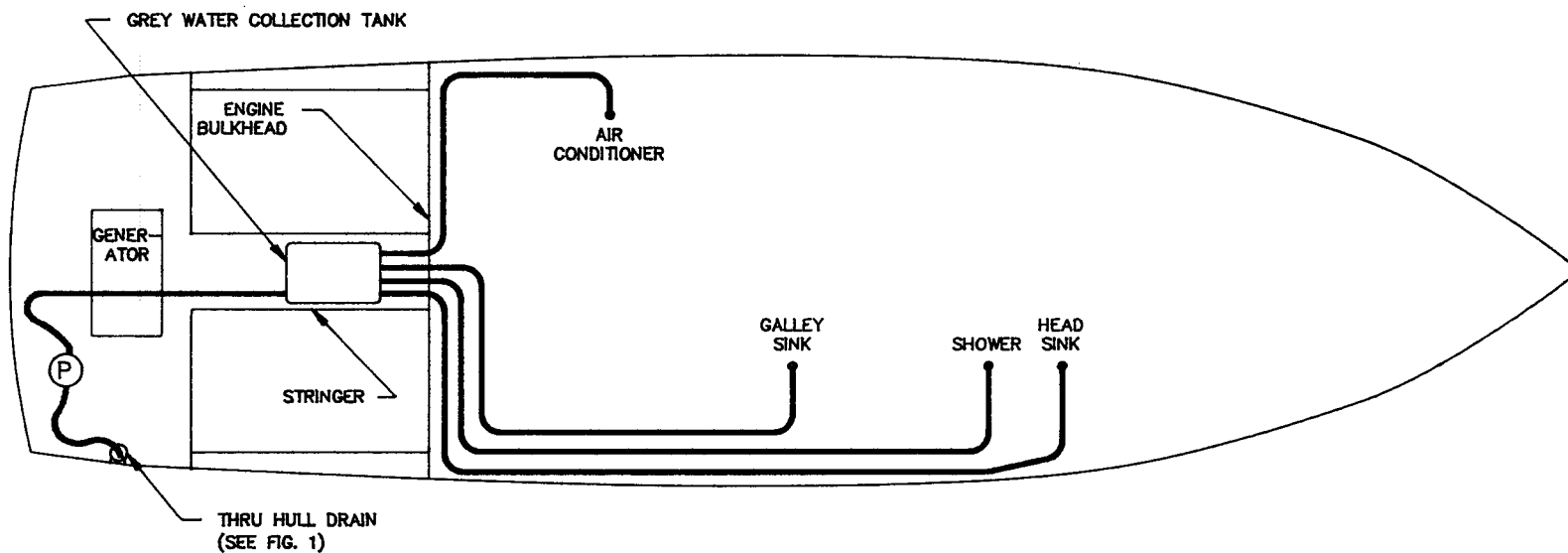
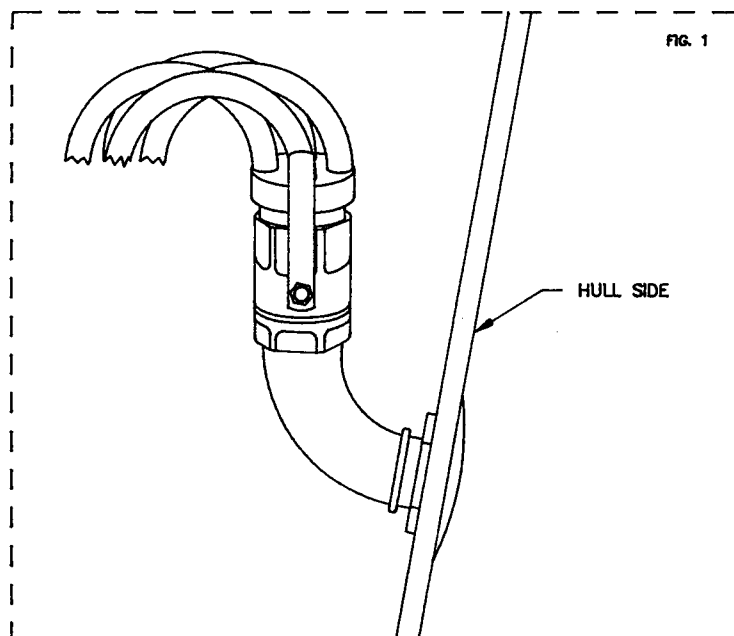
THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: SHOWER SUMP		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-320	DATE: 11/01/86	(219) 724-9111

LEGEND

DRAINAGE LINES ———

PUMP (P)



NOTE: SEE 41-320 FOR OPERATING INSTRUCTIONS.



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: SHOWER SUMP, DRAINAGE		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-321	DATE: 11/01/86	(219) 724-9111

LEGEND

BREAKER SWITCH



BREAKER PANEL



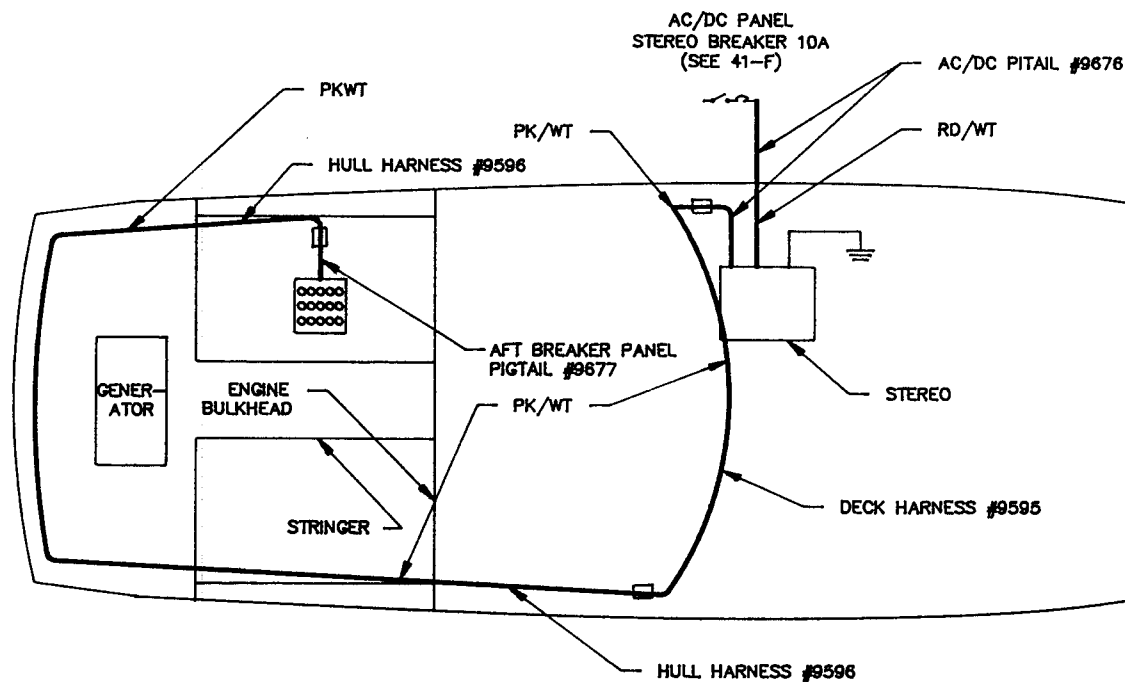
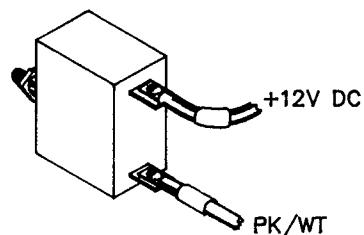
PLUG



DC GROUND



CONSTANT POWER BKR 15A
(AFT BKR PANEL)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AFT BREAKER PANEL, THE "CONST POWER" BREAKER MUST BE PUSHED IN (CLOSED).
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #2", "STEREO", AND "STEREO AMP" BREAKERS TO "ON".
4. THE STEREO SYSTEM IS NOW SUPPLIED WITH 12 VOLTS DC AND READY FOR OPERATION.
5. SEE KENWOOD'S OPERATING MANUAL FOR INSTRUCTIONS ON OPERATING STEREO FUNCTIONS.



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: STEREO

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: F-41 PC

DR BY: RLH

DECATUR IN., 46733-5003

NO.: 41-330

DATE: 11/01/88

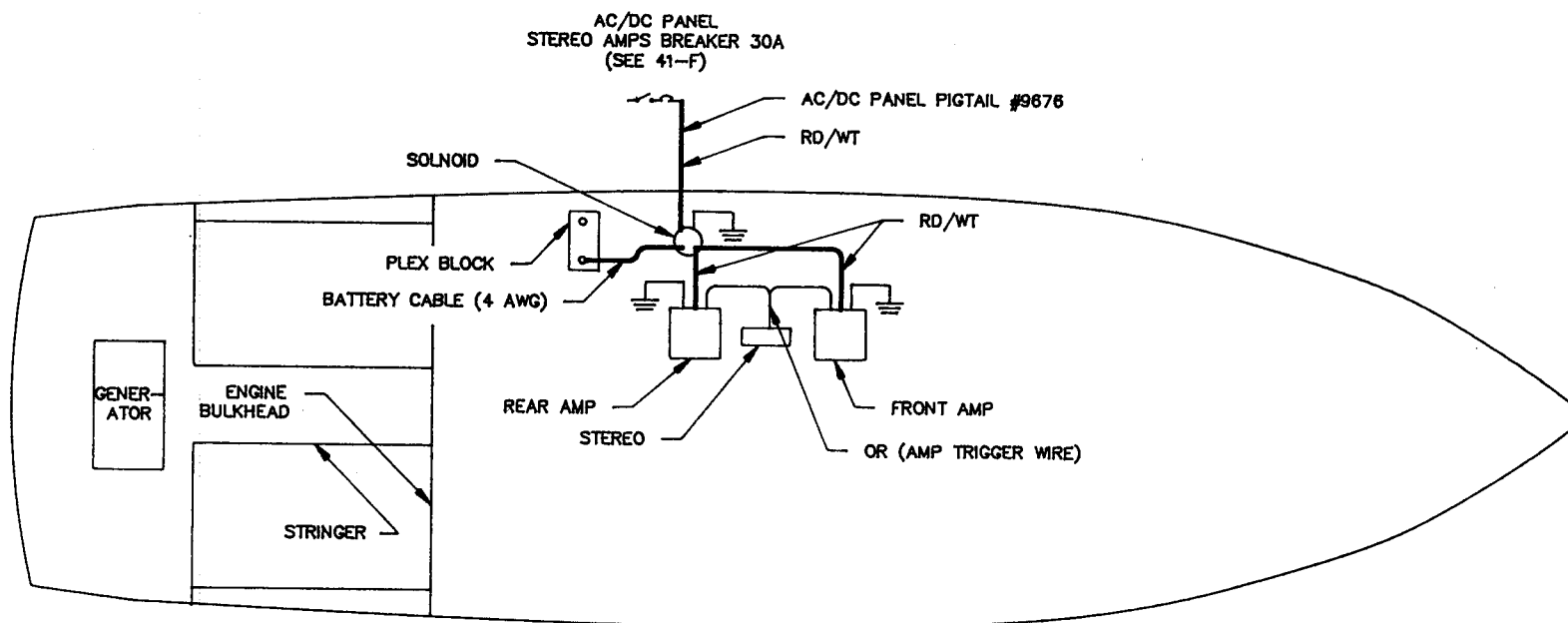
(219) 724-9111

LEGEND

BREAKER
SWITCH



DC GROUND



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON THE AFT BREAKER PANEL, THE "CONST POWER" BREAKER MUST BE PUSHED IN (CLOSED).
3. ON THE AC/DC PANEL IN THE CABIN, SWITCH THE "MAIN #2", "STEREO", AND "STEREO AMP" BREAKERS TO "ON".
4. THE STEREO SYSTEM IS NOW SUPPLIED WITH 12 VOLTS DC AND READY FOR OPERATION.
5. SEE KENWOOD'S OPERATING MANUAL FOR INSTRUCTIONS ON OPERATING STEREO FUNCTIONS.

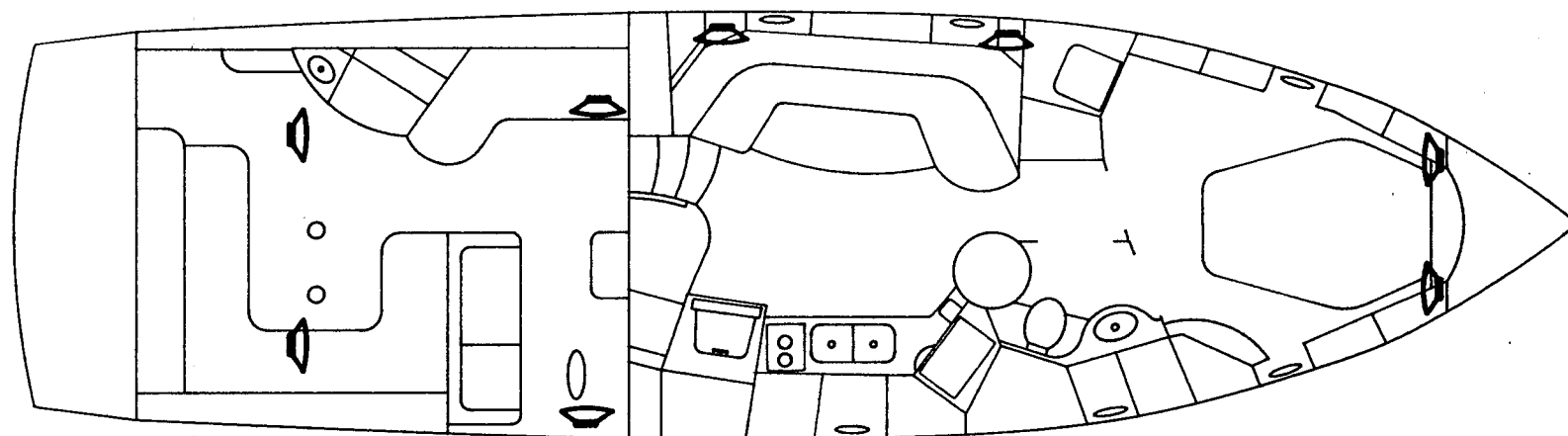


**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: STEREO, AMPS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-331	DATE: 11/01/86	(219) 724-9111

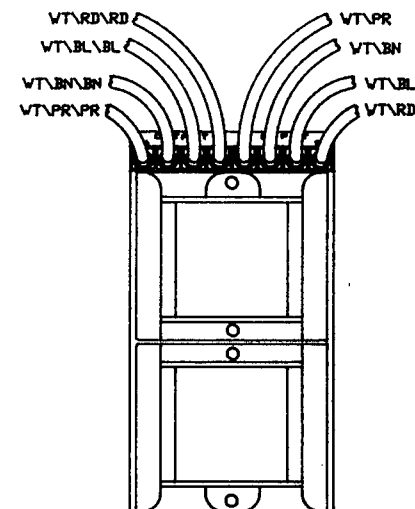
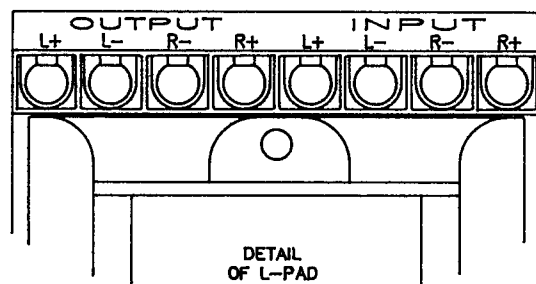
LEGEND

SPEAKER

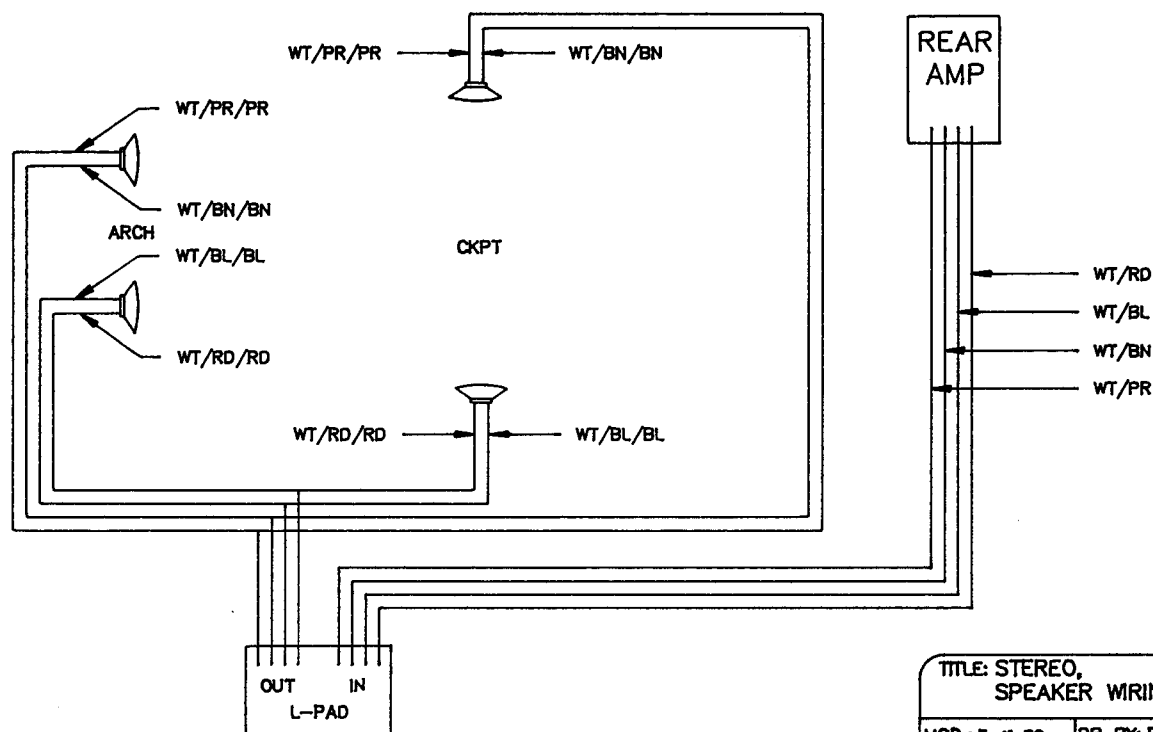


**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: STEREO, SPEAKERS, LOCATION		THUNDERBIRD PRODUCTS
MOD.: F-41 PC		P.O. BOX 1003
DR BY: RLH		DECATUR IN., 46733-5003
NO.: 41-332	DATE: 11/01/86	(219) 724-9111



L-PAD



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: STEREO, SPEAKER WIRING		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-334	DATE: 11/01/88	(219) 724-9111

LEGEND

BREAKER
PANEL



SPOTLIGHT



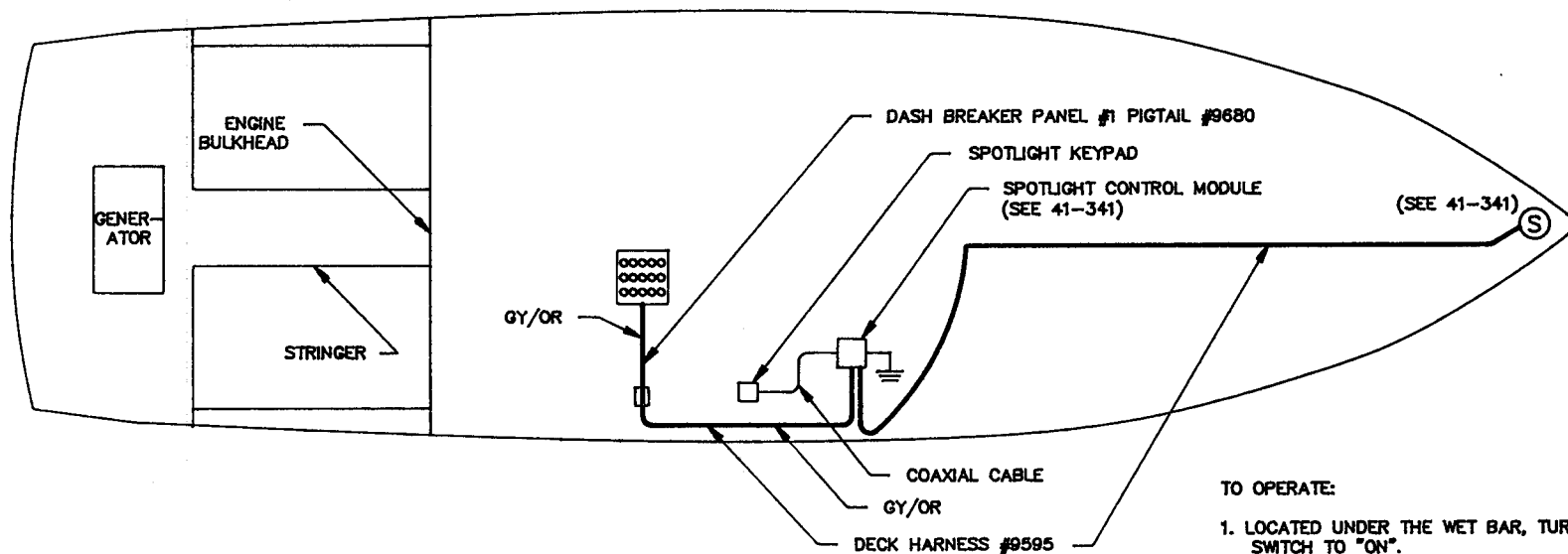
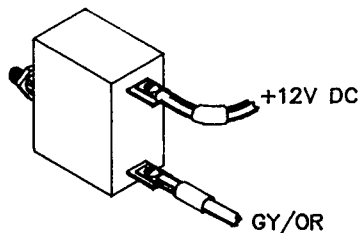
PLUG



DC GROUND



SPOTLIGHT BKR 10A
(DASH BKR PANEL #1)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #1, THE "SPOT-LIGHT" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE SPOTLIGHT CAN NOW BE OPERATED BY THE SPOTLIGHT CONTROL PAD, LOCATED ON THE DASH.



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: SPOTLIGHT

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: F-41 PC

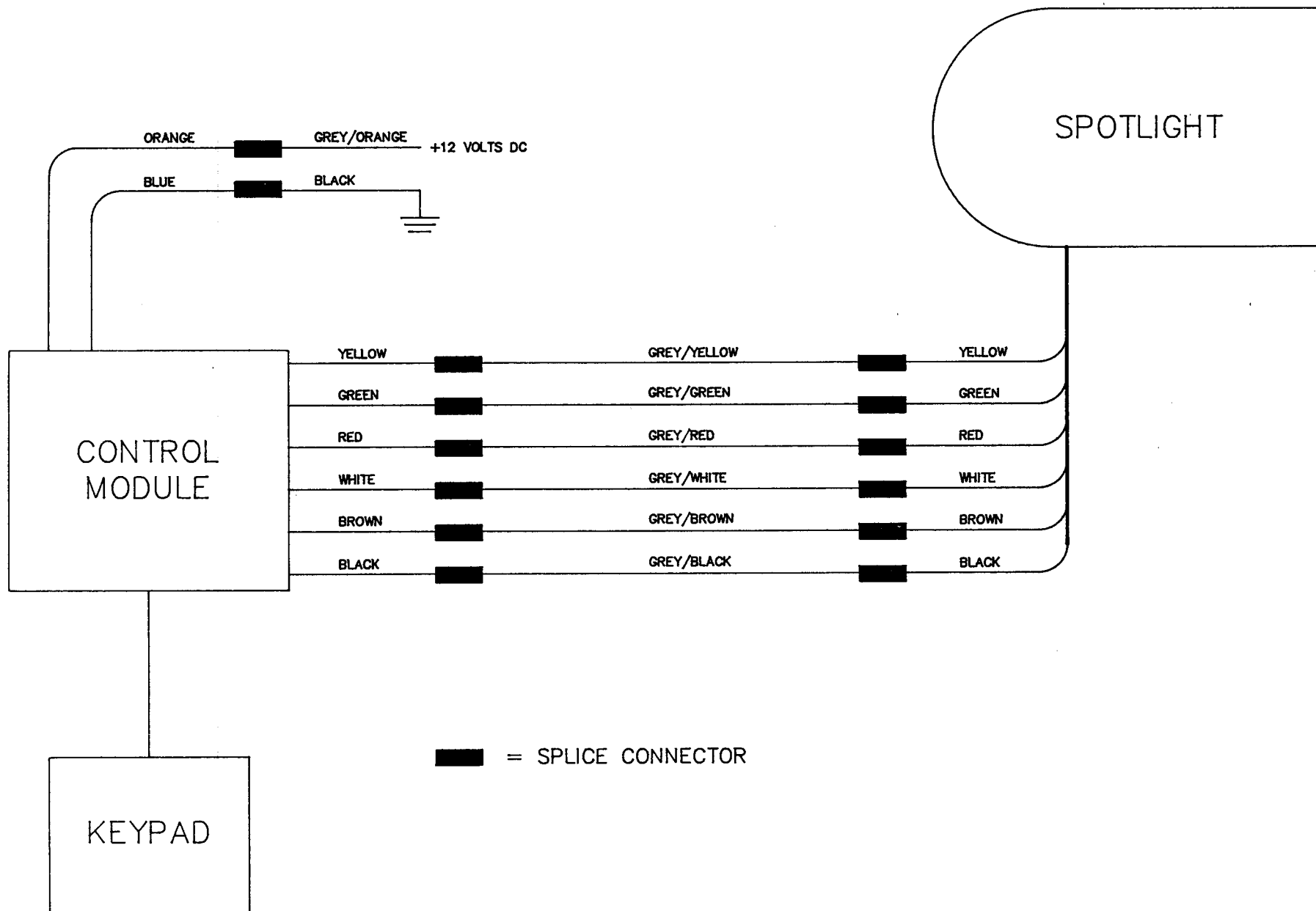
DR BY: RLH

DECATUR IN., 48733-5003

NO.: 41-340

DATE: 11/01/88

(219) 724-9111



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: SPOTLIGHT		THUNDERBIRD PRODUCTS	
		P.O. BOX 1003	
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003	
NO.: 41-341	DATE: 11/01/88	(218) 724-9111	

LEGEND

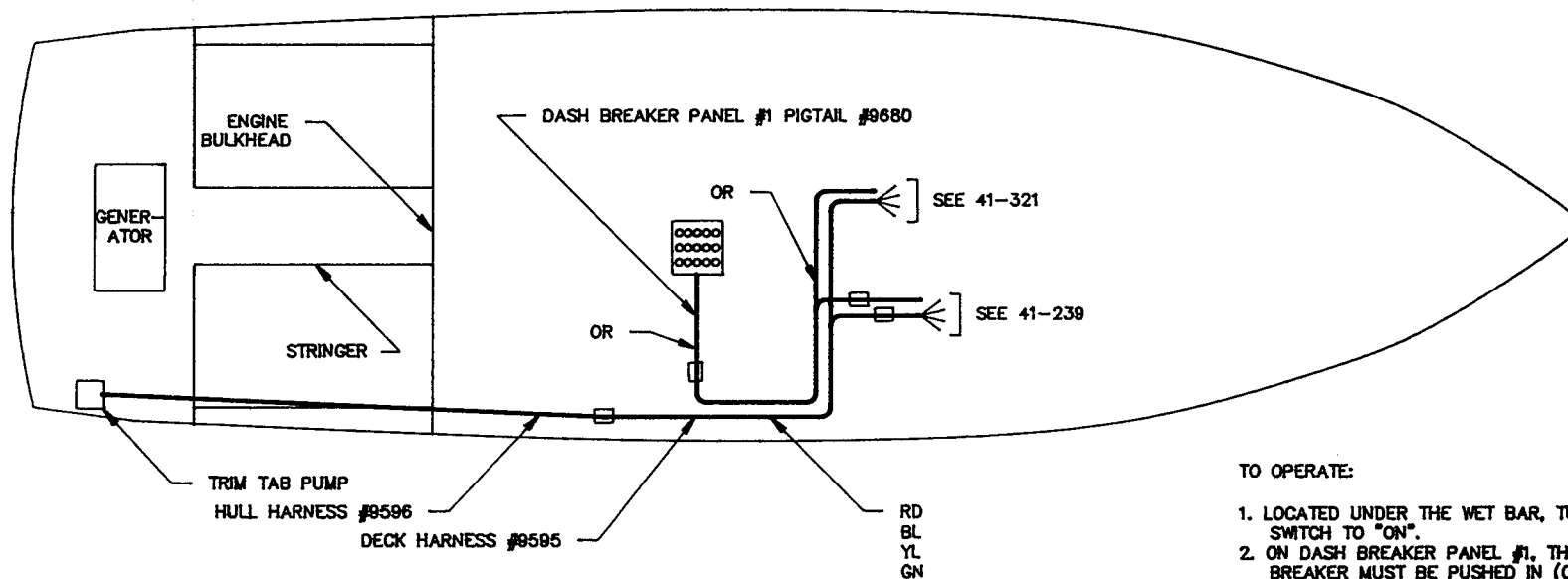
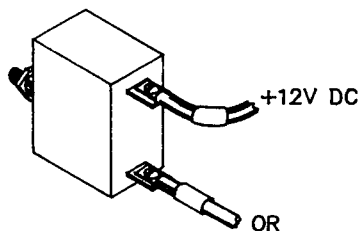
BREAKER
PANEL



PLUG



TRIM TAB BKR 20A
(DASH BKR PANEL #1)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #1, THE "TRIM TAB" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE TRIM TABS CAN NOW BE OPERATED BY THE "TRIM TABS" SWITCHES ON THE INSTRUMENT PANEL.



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: TRIM TABS		THUNDERBIRD PRODUCTS	
		P.O. BOX 1003	
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-6003	
NO.: 41-350	DATE: 11/01/86	(219) 724-9111	

LEGEND

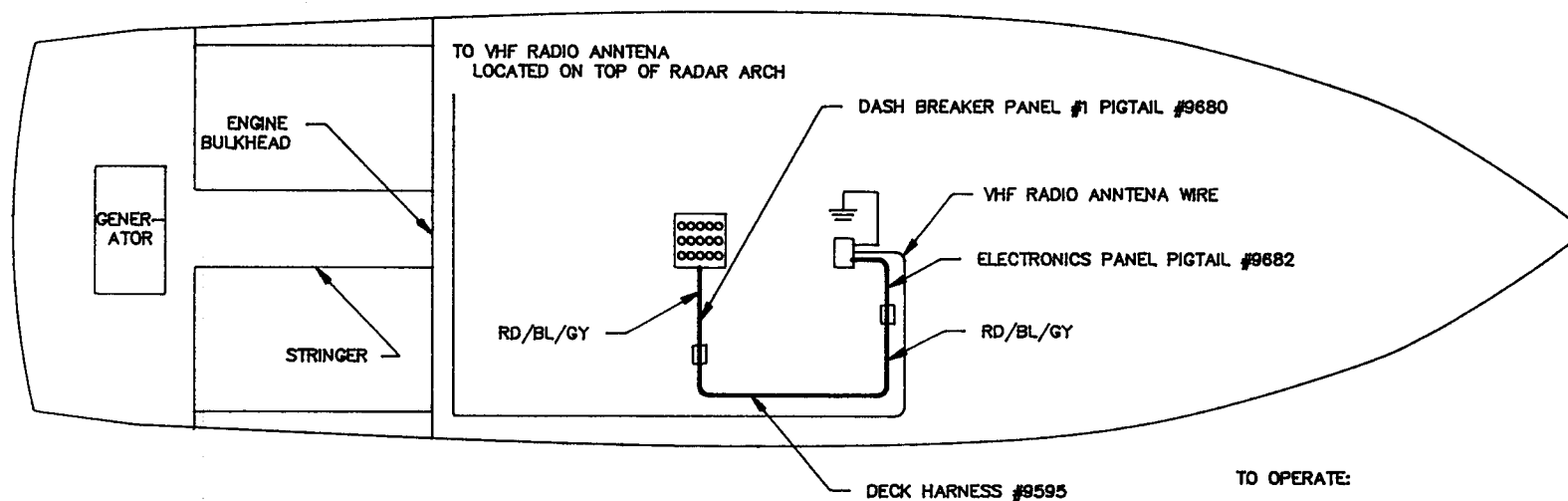
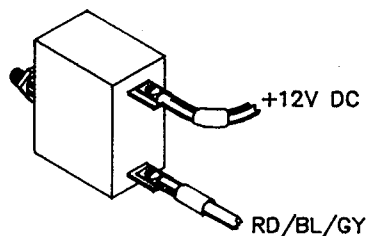
BREAKER
PANEL



PLUG



VHF RADIO BKR 10A
(DASH BKR PANEL #1)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #1, THE "VHF RADIO" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE VHF RADIO IS NOW SUPPLIED WITH 12 VOLTS DC. SEE RAYTHEON'S OPERATORS MANUAL FOR OPERATING INSTRUCTIONS.



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: VHF RADIO		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-360	DATE: 11/01/88	(219) 724-9111

LEGEND

BREAKER
PANEL



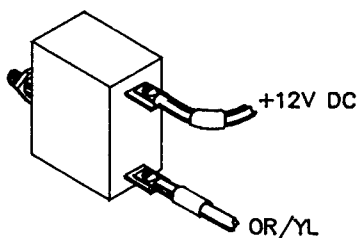
WINDLASS
MOTOR



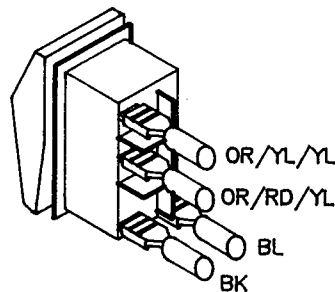
PLUG



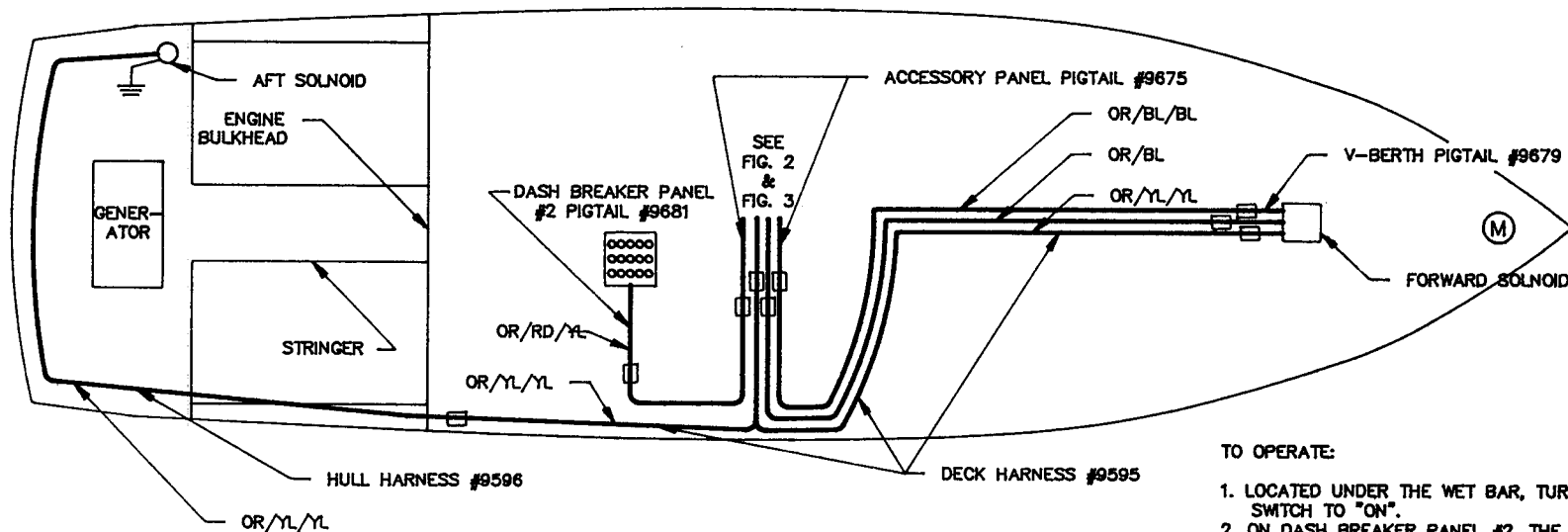
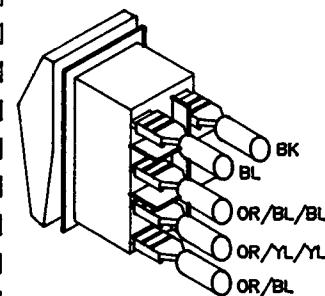
WINDLASS BKR 15A
(DASH BKR PANEL #2)
(REAR VIEW)



WINDLASS SWITCH
ON/OFF
(ACCESSORY PANEL)
(REAR VIEW)



WINDLASS SWITCH
UP/DOWN
(ACCESSORY PANEL)
(REAR VIEW)



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #2, THE "WINDLS" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE WINDLASS CAN NOW BE OPERATED BY THE "WINDLASS ON/OFF" AND "WINDLASS UP/DOWN" SWITCHES ON THE ACCESSORY PANEL.



THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: WINDLASS

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: F-41 PC

DR BY: RLH

DECATUR IN., 46733-5003

NO.: 41-370

DATE: 11/01/95

(219) 724-9111

LEGEND

GROUND
BLOCK



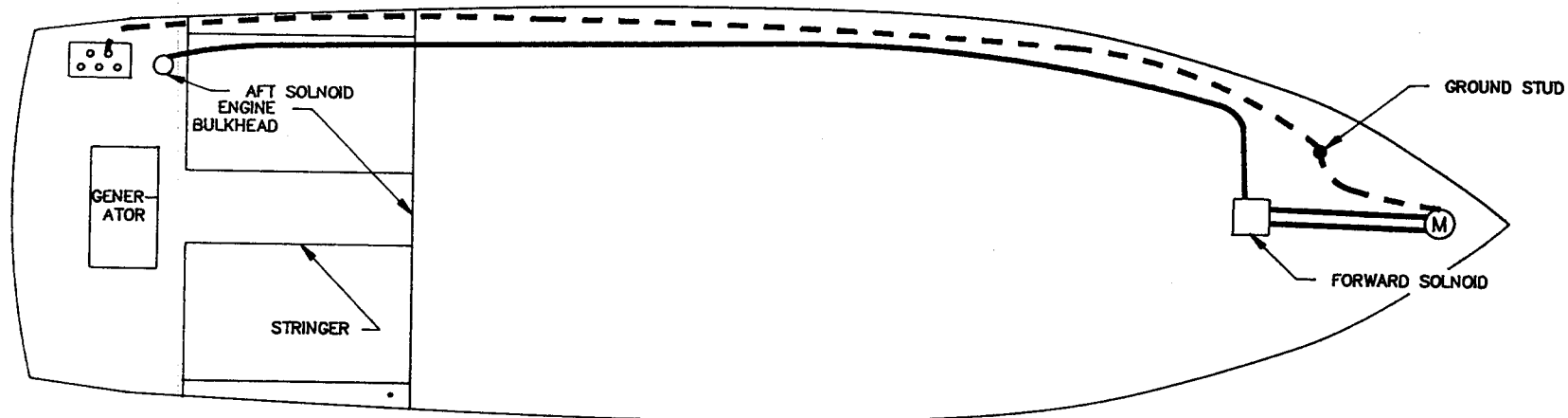
WINDLASS
MOTOR



CABLE
#0, RED



CABLE
#0, BLACK



TO OPERATE:

1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #2, THE "WINDLS" BREAKER MUST BE PUSHED IN (CLOSED).
3. THE WINDLASS CAN NOW BE OPERATED BY THE "WINDLASS ON/OFF" AND "WINDLASS UP/DOWN" SWITCHES ON THE ACCESSORY PANEL.



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: WINDLASS

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: F-41 PC

DR BY: RLH

DECATUR IN., 46733-5003

NO.: 41-371

DATE: 11/01/95

(219) 724-9111

LEGEND

BREAKER
PANEL



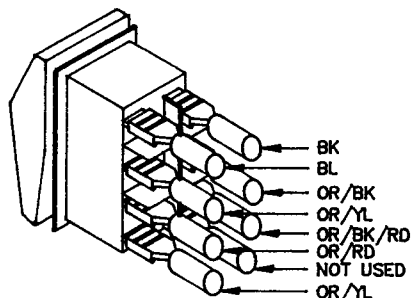
SWITCH



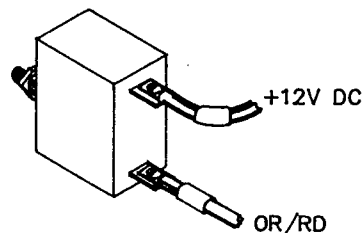
PLUG



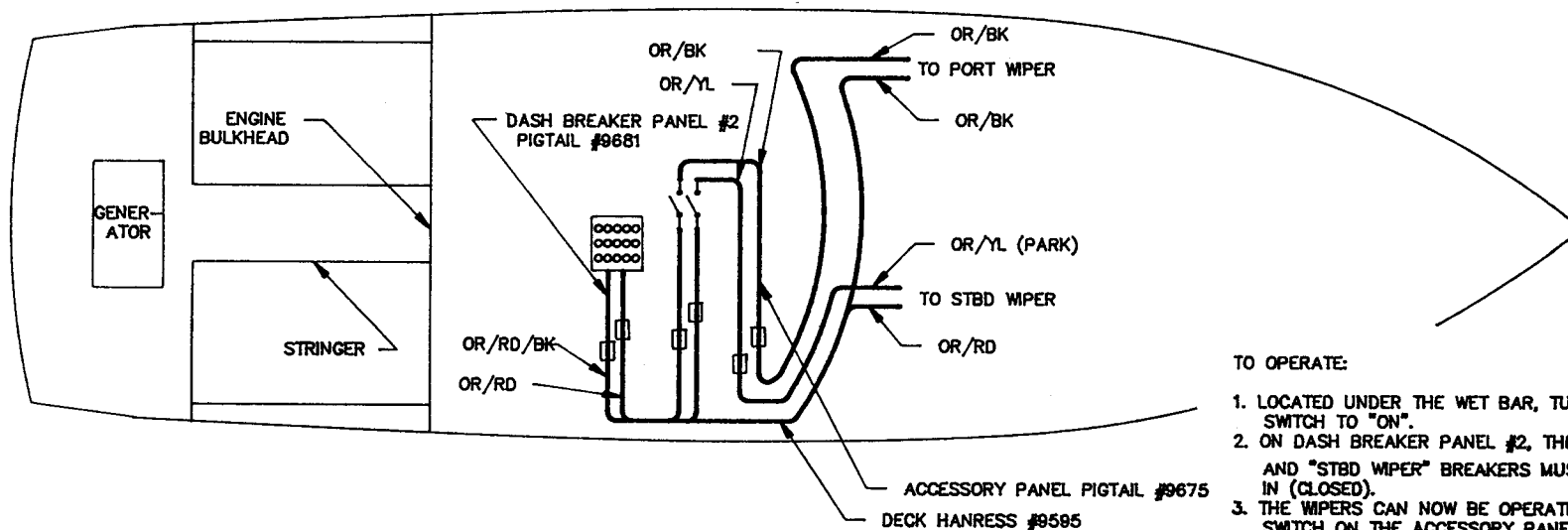
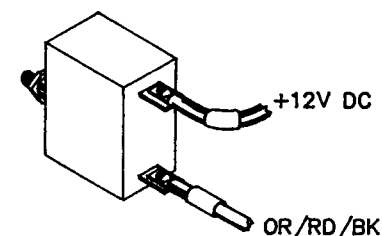
WIPER SWITCH
(ACCESSORY PANEL)
(REAR VIEW)



STBD WIPER BKR 5A
(DASH BKR PANEL #2)
(REAR VIEW)



PORT WIPER BKR 5A
(DASH BKR PANEL #2)
(REAR VIEW)



TO OPERATE:

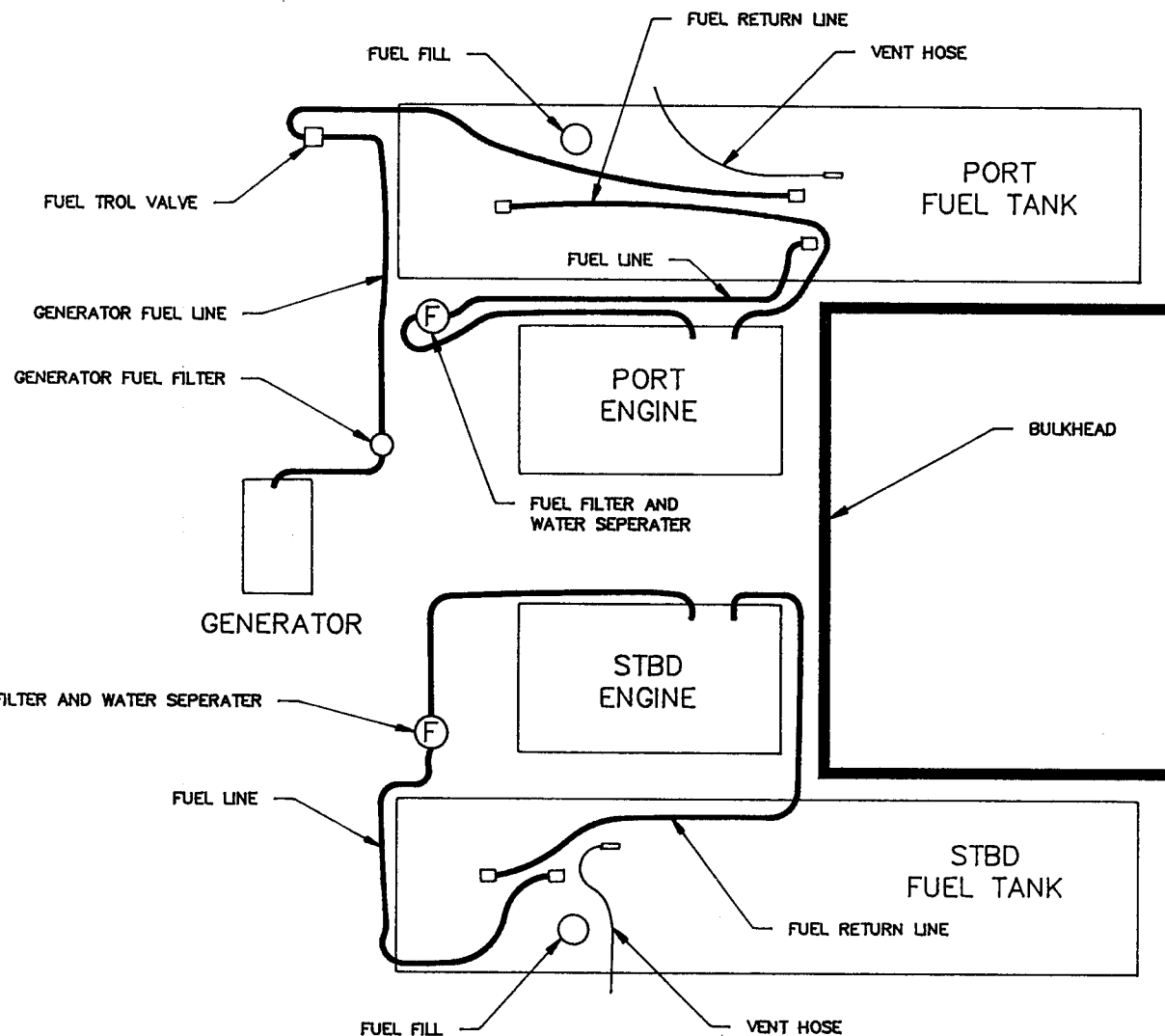
1. LOCATED UNDER THE WET BAR, TURN THE BATTERY SWITCH TO "ON".
2. ON DASH BREAKER PANEL #2, THE "PORT WIPER" AND "STBD WIPER" BREAKERS MUST BE PUSHED IN (CLOSED).
3. THE WIPERS CAN NOW BE OPERATED BY THE "WIPERS" SWITCH ON THE ACCESSORY PANEL.

NOTE: WHEN THE "WIPERS" SWITCH IS SWITCHED "UP", ONLY THE STBD WIPER WILL OPERATE. WHEN THE "WIPERS" SWITCH IS SWITCHED "DOWN", BOTH THE STBD AND PORT WIPERS WILL OPERATE.



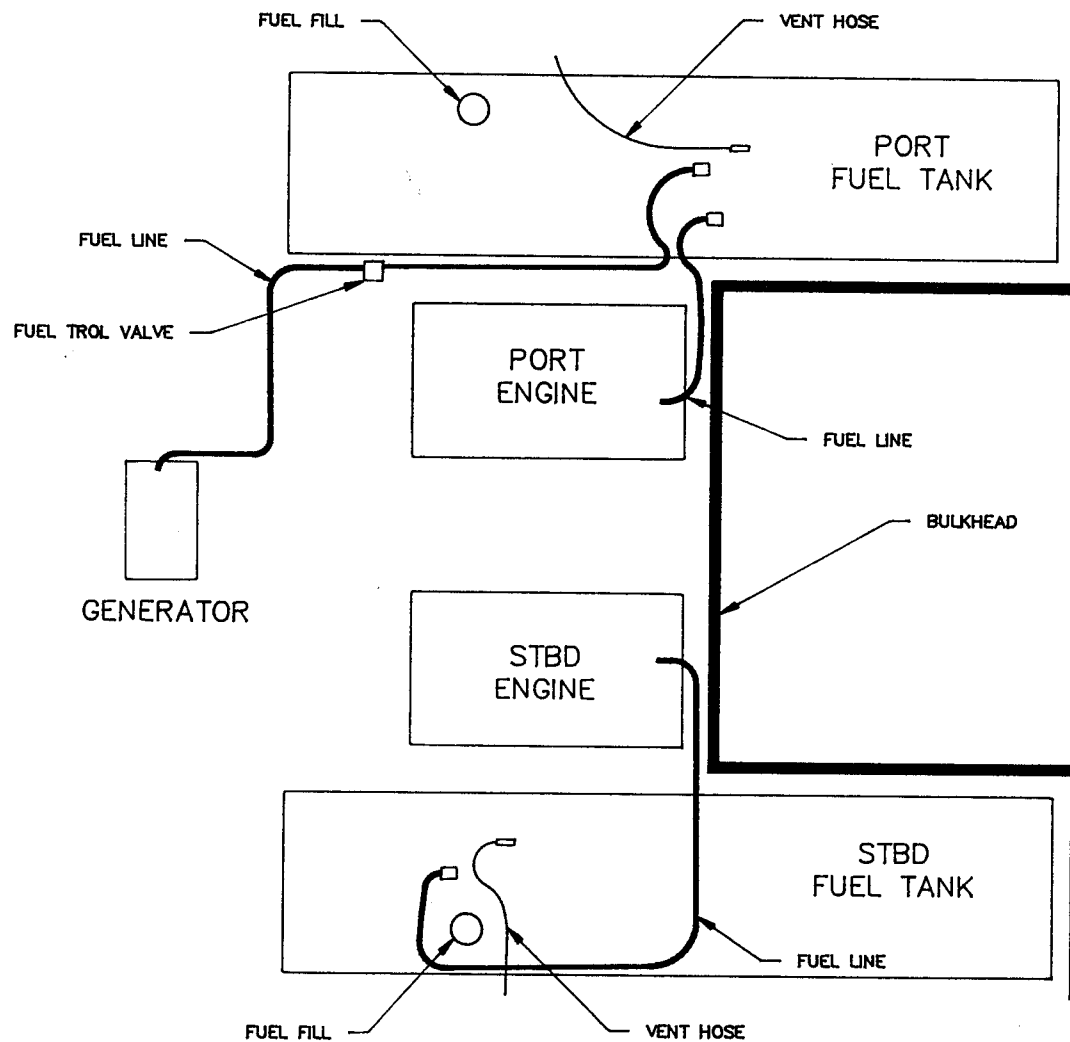
THUNDERBIRD
PRODUCTS
ENGINEERING

TITLE: WIPERS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-380	DATE: 11/01/88	(219) 724-9111



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: FUEL SYSTEM, DIESEL		THUNDERBIRD PRODUCTS P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-390	DATE: 11/01/85	(219) 724-9111

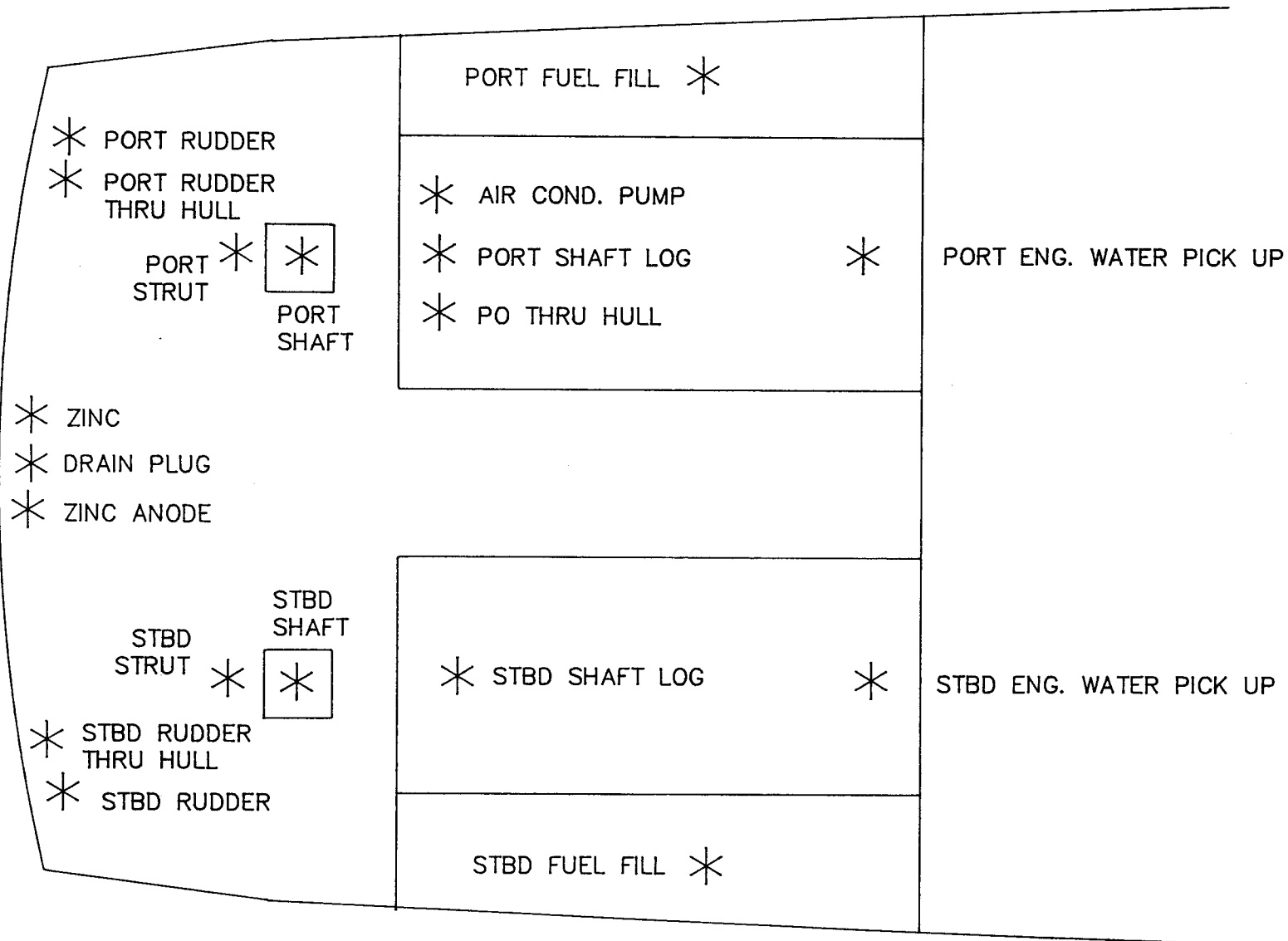


**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: FUEL SYSTEM, GASOLINE		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 46733-5003
NO.: 41-400	DATE: 11/01/95	(219) 724-9111

LEGEND

BONDING
POINT



**THUNDERBIRD
PRODUCTS
ENGINEERING**

TITLE: BONDING POINTS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: F-41 PC	DR BY: RLH	DECATUR IN., 48733-5003
NO.: 41-410	DATE: 11/01/88	(219) 724-9111