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HARNESS & PIGTAIL #'S

HARNESSES

DECK.....	56652
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ENGINE EXTENSION MERCURY STBD.....	42681
ENGINE EXTENSION MERCURY PORT.....	42684
ENGINE EXTENSION VOLVO STBD.....	52962
ENGINE EXTENSION VOLVO PORT.....	52965
AC HARNESS 120V.....	56659
AC HARNESS 220V.....	56660

PIGTAILS

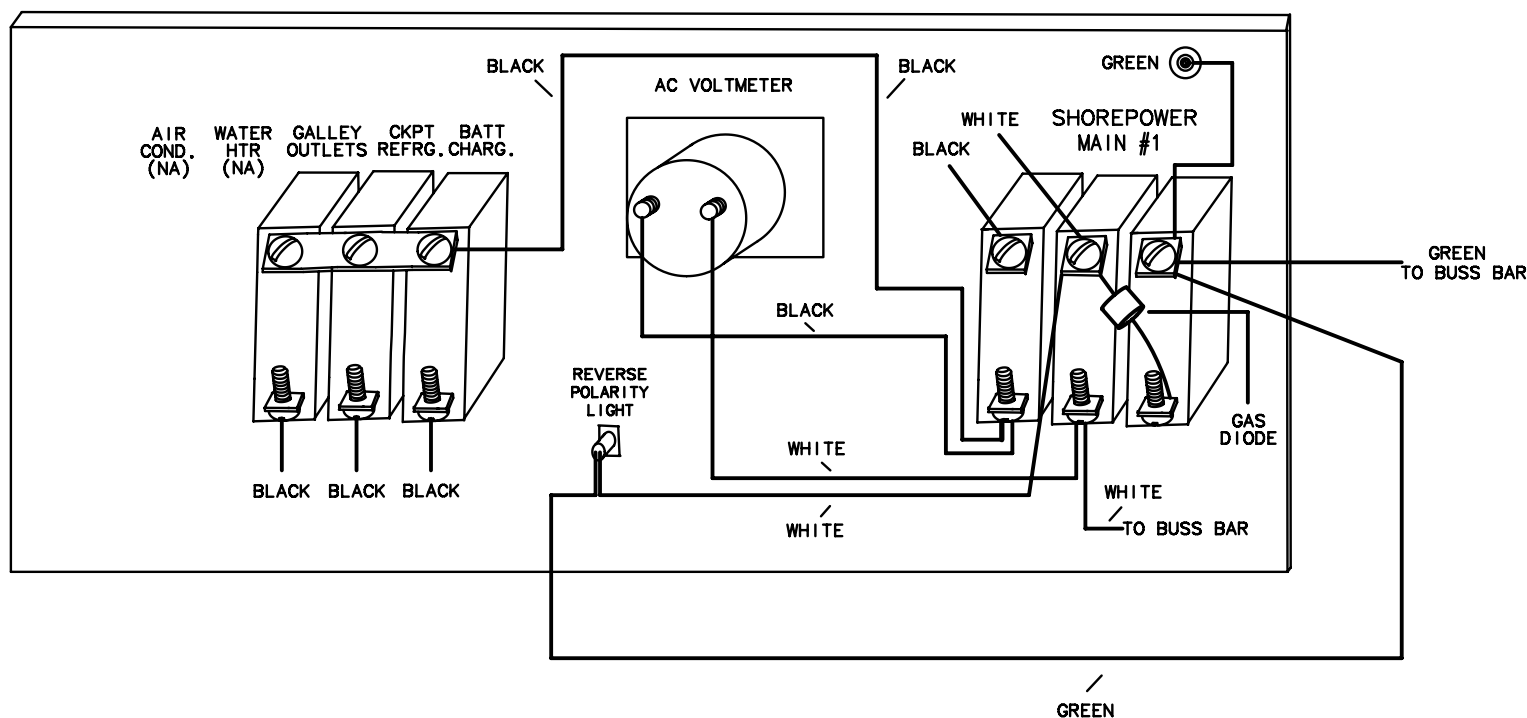
ACCESSORY PANEL.....	55710
AFT BREAKER PANEL.....	55037
ENGINE HATCH.....	55771
DASH BREAKER PANEL.....	55038
STEREO.....	56655
HEAD.....	56654
HEAD PUMP EXTENSION.....	57116
IGNITION PANEL.....	44708
INSTRUMENT PANEL.....	43882
NON-DTS INSTRUMENTS.....	42003
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HELMSEAT.....	47327

WIRE IDENTIFICATION			
WIRE COLOR	STRIPE	STRIPE	ABBREVIATION
BROWN	ORANGE	WHITE	BN/OR/WH

CODE	COLOR
BK	BLACK
BL	BLUE
RD	RED
PR	PURPLE
YL	YELLOW
GY	GRAY
BN	BROWN
OR	ORANGE
WH	WHITE
GN	GREEN

120V 60HZ AC SYSTEM PANEL

(REAR VIEW)

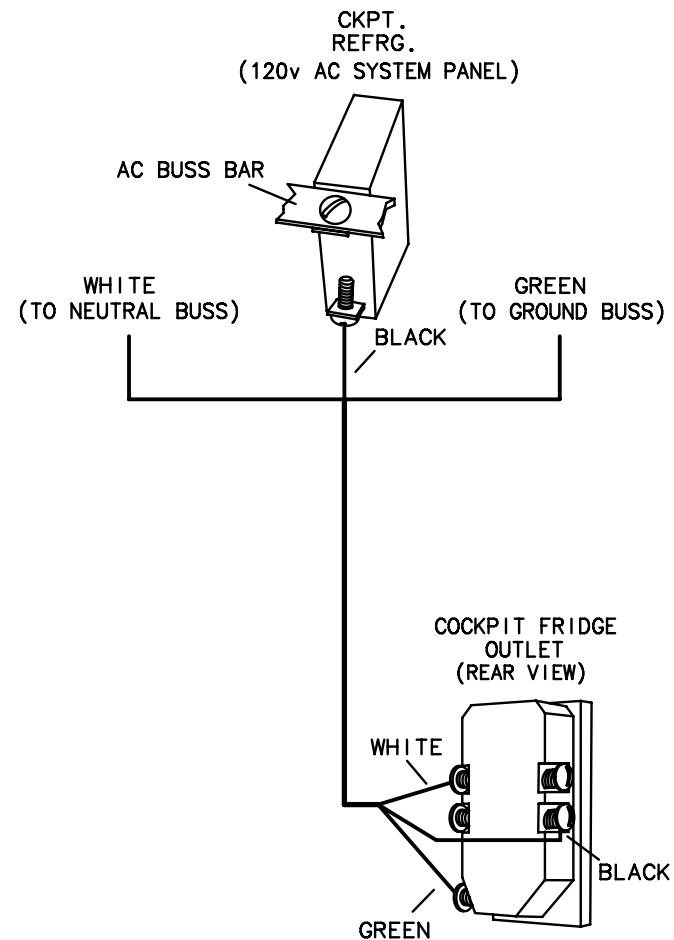
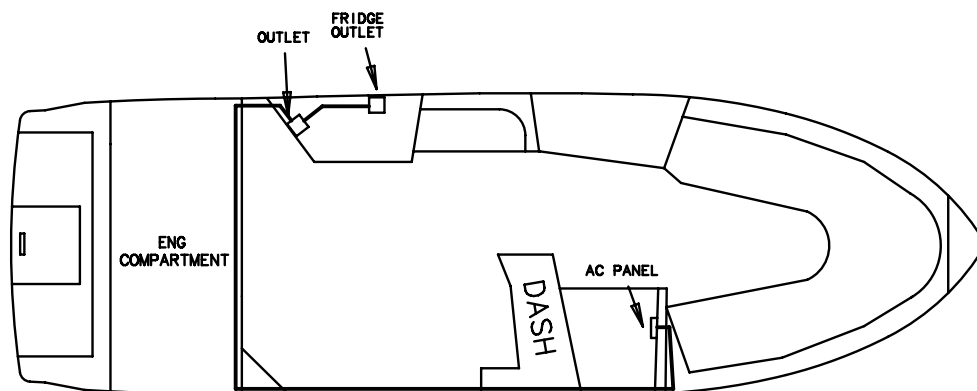
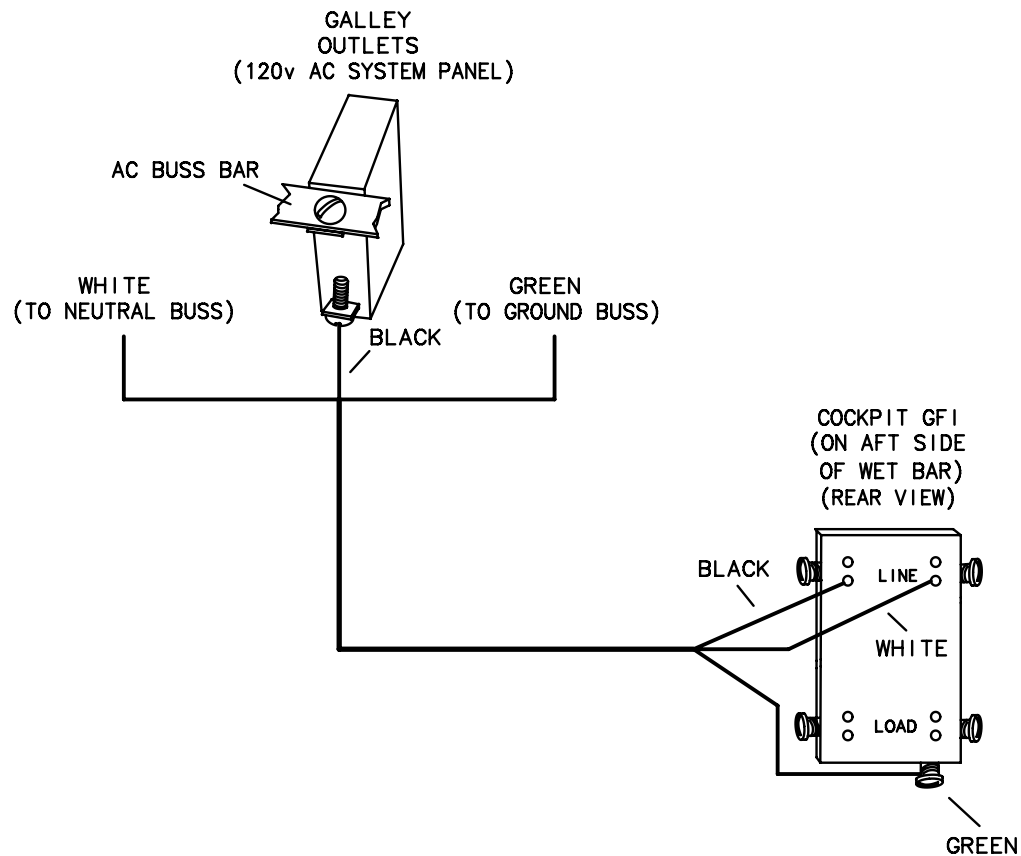


TITLE: AC PANEL		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 4	DATE: 1-8-14	(260) 724-9111

(REAR VIEW)



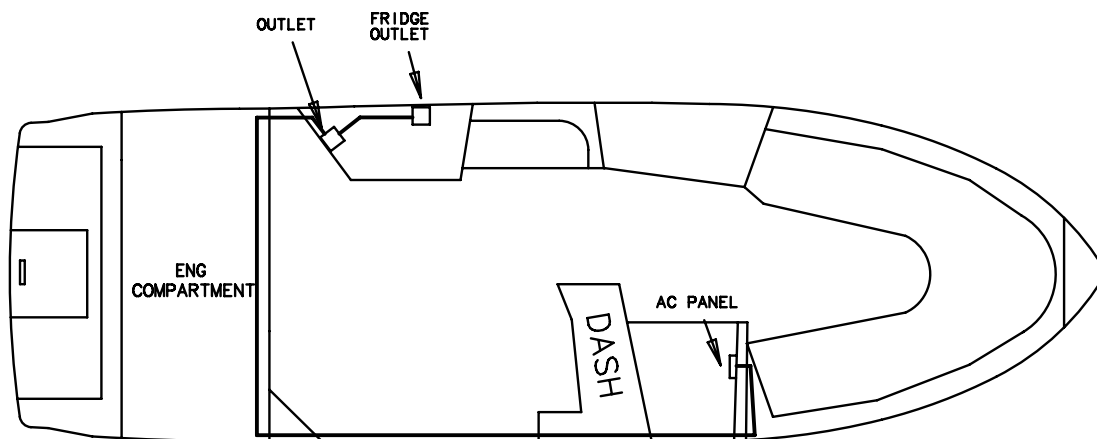
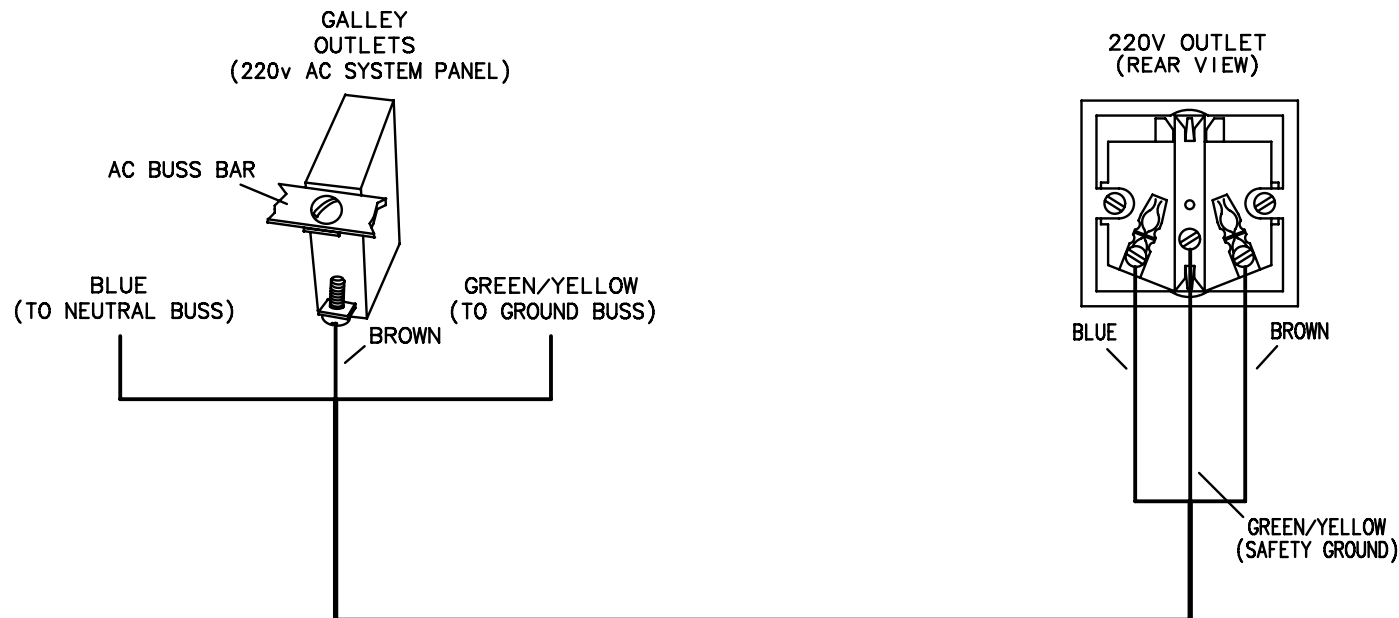
TITLE: AC PANEL 220V		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 5	DATE: 1-8-14	(260) 724-9111



TITLE: AC OUTLETS 110V		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 6	DATE: 1-8-14	(260) 724-9111

LEGEND

JUNCTION BOX



TITLE: AC OUTLETS 220V

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

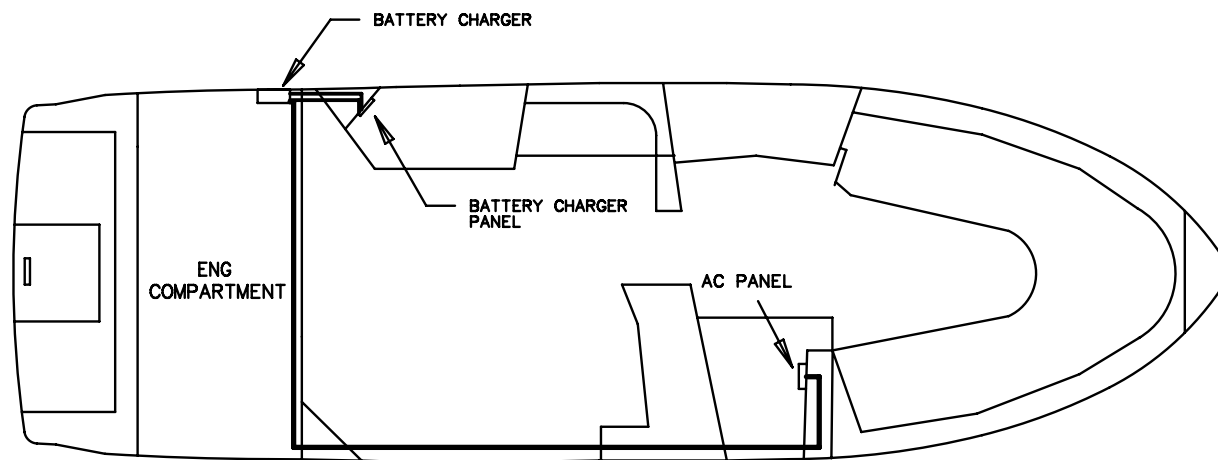
DR BY: KPP

DECATUR IN., 46733

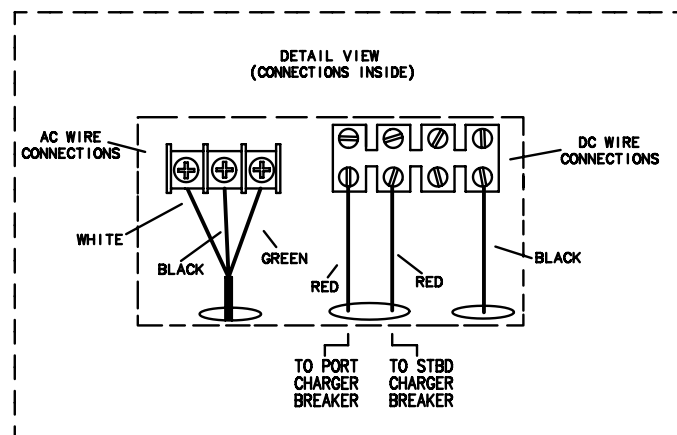
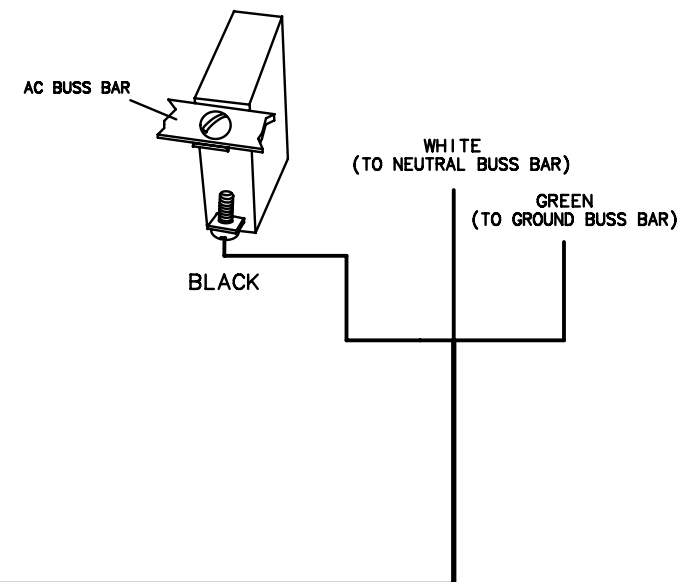
NO.: 7

DATE:

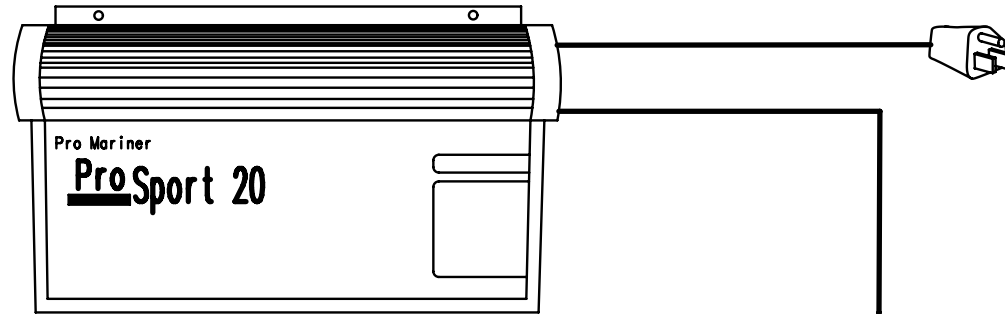
(260) 724-9111



BATTERY CHARGER BREAKER
(120v AC SYSTEM PANEL)
REAR VIEW

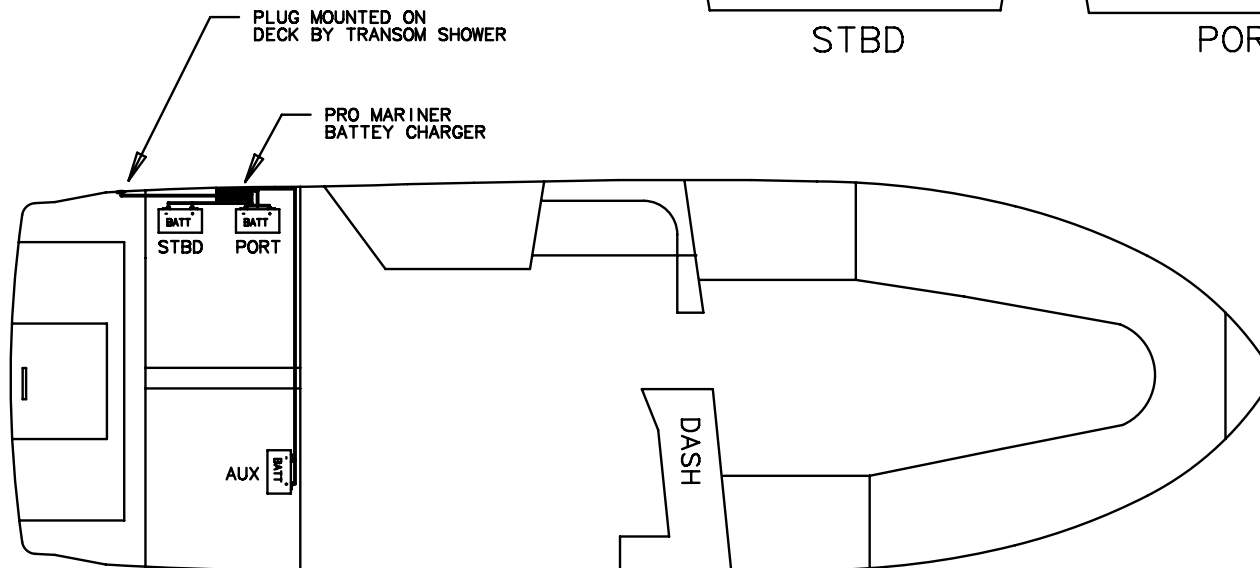
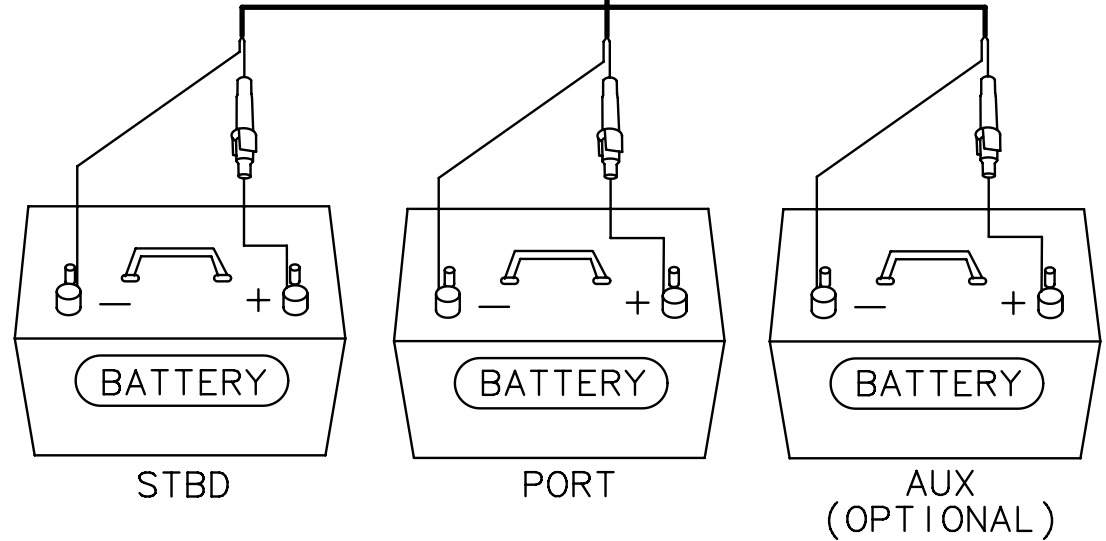


TITLE: BATTERY CHARGER		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 8	DATE: 1-8-14	(260) 724-9111

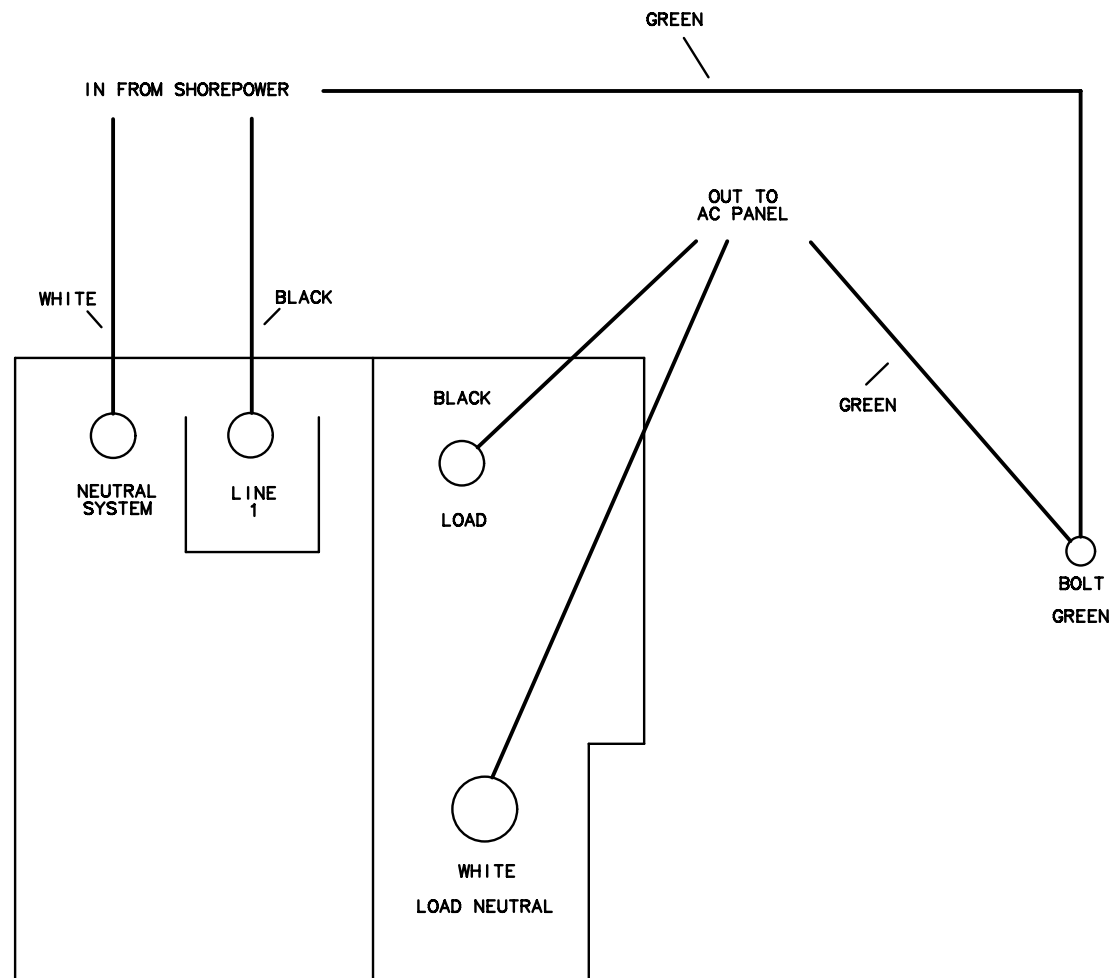


TO OPERATE:

Connect your extension cord with no AC power present to the ProSport and proceed to plug your extension cord in to a nearby 120 VAC GFCI protected (Ground Fault Circuit Interrupt) outlet.

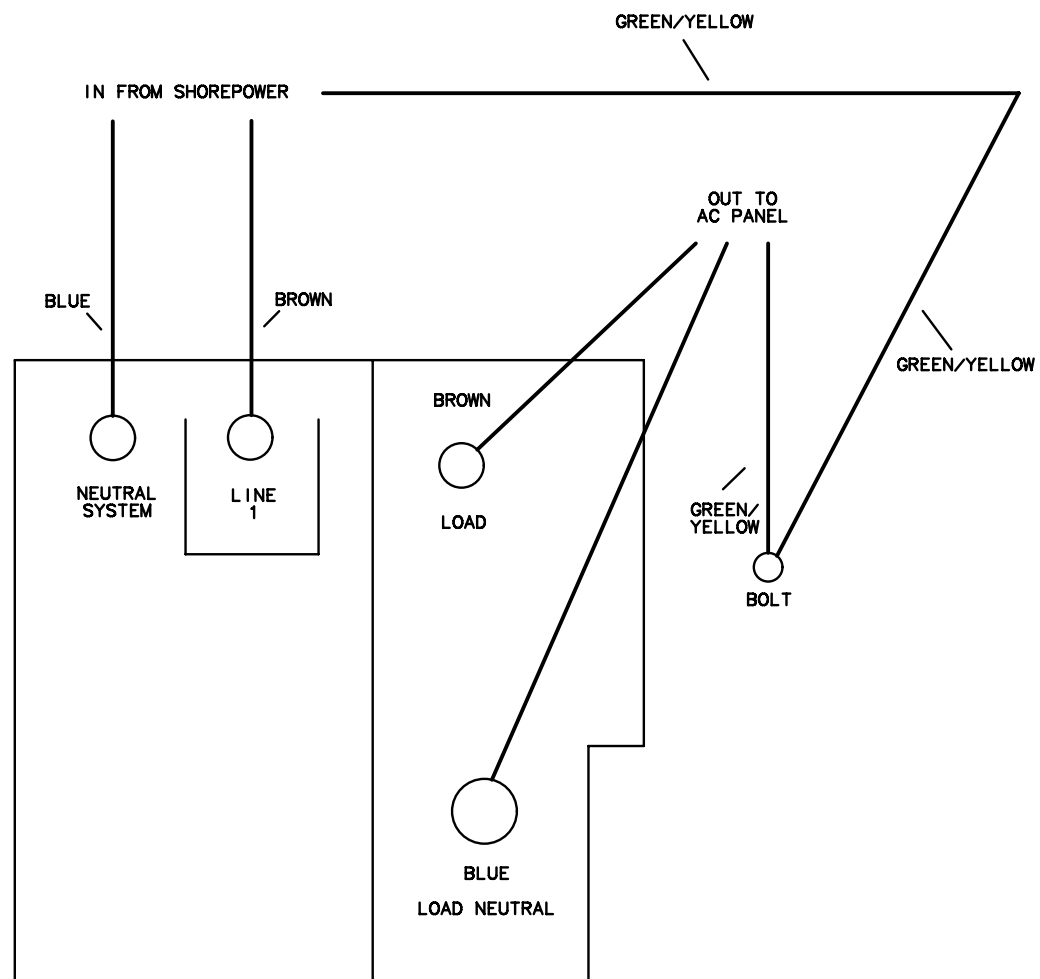


TITLE: PRO MARINER CHARGER		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 9	DATE: 1-8-14	(260) 724-9111



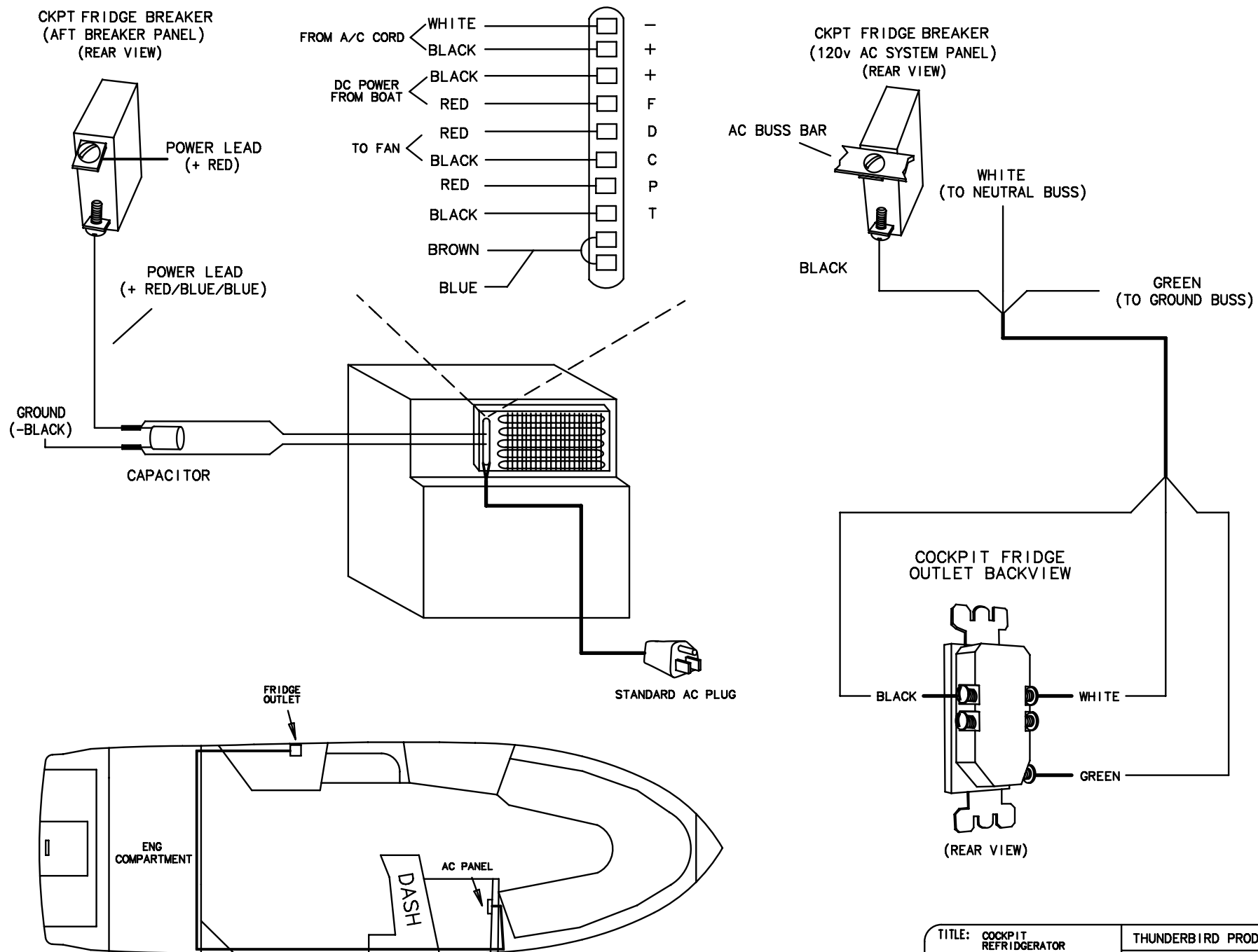
SHOREPOWER BREAKER
(REAR VIEW)
(LOCATED UNDER THE AFT CORNER
STARBOARD LOUNGE SEAT)

TITLE: SHOREPOWER 110V BREAKER		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 10	DATE: 1-8-14	(260) 724-9111



SHOREPOWER BREAKER PANEL
(REAR VIEW)
(LOCATED UNDER THE AFT CORNER
STARBOARD LOUNGE SEAT)

TITLE: SHOREPOWER 220V BREAKER		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 11	DATE: 1-8-14	(260) 724-9111



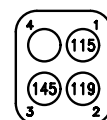
TITLE: COCKPIT REFRIDGERATOR		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 12	DATE: 1-8-14	(260) 724-9111

POS	COLOR	STRIPE	STRIPE GA	DESCRIPTION
111	BLACK			14 ENGINE GROUND STBD (ENGINE TO DASH)
112	GREY			14 TACH STBD (ENGINE TO TACH)
113	TAN			14 WATER TEMP SNDR STBD (ENG TO GAUGE)
114	TAN	BLUE		14 AUDIBLE ALARM STBD (ENG SWS TO ALARM)
115	PURPLE			14 IGNITION SWITCHED + (IGN TO DASH/ENG)
116	RED			14 ENGINE MAIN 12V + STBD (ENG TO BKR)
117	RED	BLACK	ORANGE	14 ENG MAIN 12V + STBD (BKR TO KILL SW)
118	YELLOW	RED		14 IGN START STBD (NEU/SFTY SW TO START SOLE)
119	YELLOW	RED	RED	14 IGN START STBD (IGN SW TO NEU/SFTY SW)
120	LTBLUE			14 OIL PRESSURE STBD (ENG TO GAUGE)
121	PURPLE	WHITE		14 OUTDRIVE TRIM INDICATOR (SNDR TO GAUGE)
145	RED	BLACK	ORANGE	14 ENGINE MAIN 12V + STBD (KILL SW TO IGN)
146	BLUE			16 CAN 1 + (ENG TO SMARTCRAFT)
147	WHITE			16 CAN 1 - (ENG TO SMARTCRAFT)
489	WHITE	BLUE	PURPLE	14 MERCURY OBD-M LIGHT (ENGINE TO LIGHT +)
490	WHITE	BLUE	RED	14 MERCURY OBD-M LIGHT (ENGINE TO LIGHT -)

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

NOTE: FOR SINGLE ENGINE BOATS, STBD WIRES AND HARDWARE ARE USED.

TO IGNITION



DT 06-4S

12"



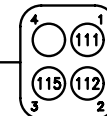
TO AUDIBLE ALARM

12"



16"

DEUTSCH
DT 06-4S



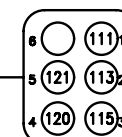
TO TACH

8"

8"

3"

TO INSTRUMENT

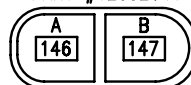


DT 06-6S
DEUTSCH

8"

8"

DELPHI
METRI_PACK_150_2F
PART #12052641

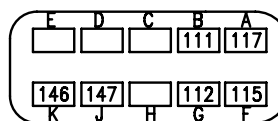


TO CAN 1 TERMINATING
RESISTOR CAP

PLUGS INTO J-BLOCK
BEHIND MAIN DASH PANEL
(SMARTCRAFT GAUGE OPTION)

TO SMARTCRAFT

DELPHI
GT_150_10S
PART #15326842



SPLICE #111,112,115,117
FROM 14GA TO 16GA

24"

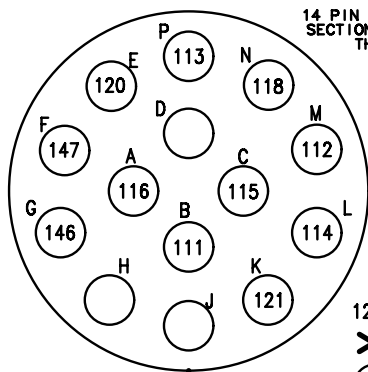
24"



TO DASH BREAKER

TO 14 PIN MERCURY ENGINE
DEUTSCH CONNECTOR

DEUTSCH
HDP26-18-14PE-L017



14 PIN CONNECTS ON AFT
SECTION AT THE TOP OF
THE ENGINE.

12" LEADS

* 489

* 490

TO PIN #8

TO PIN #7

③

180"

12"

24"

24"

24"

24"



TO NEUTRAL SAFETY &
SAFETY SHUT OFF SW

DT 04-2P
DEUTSCH

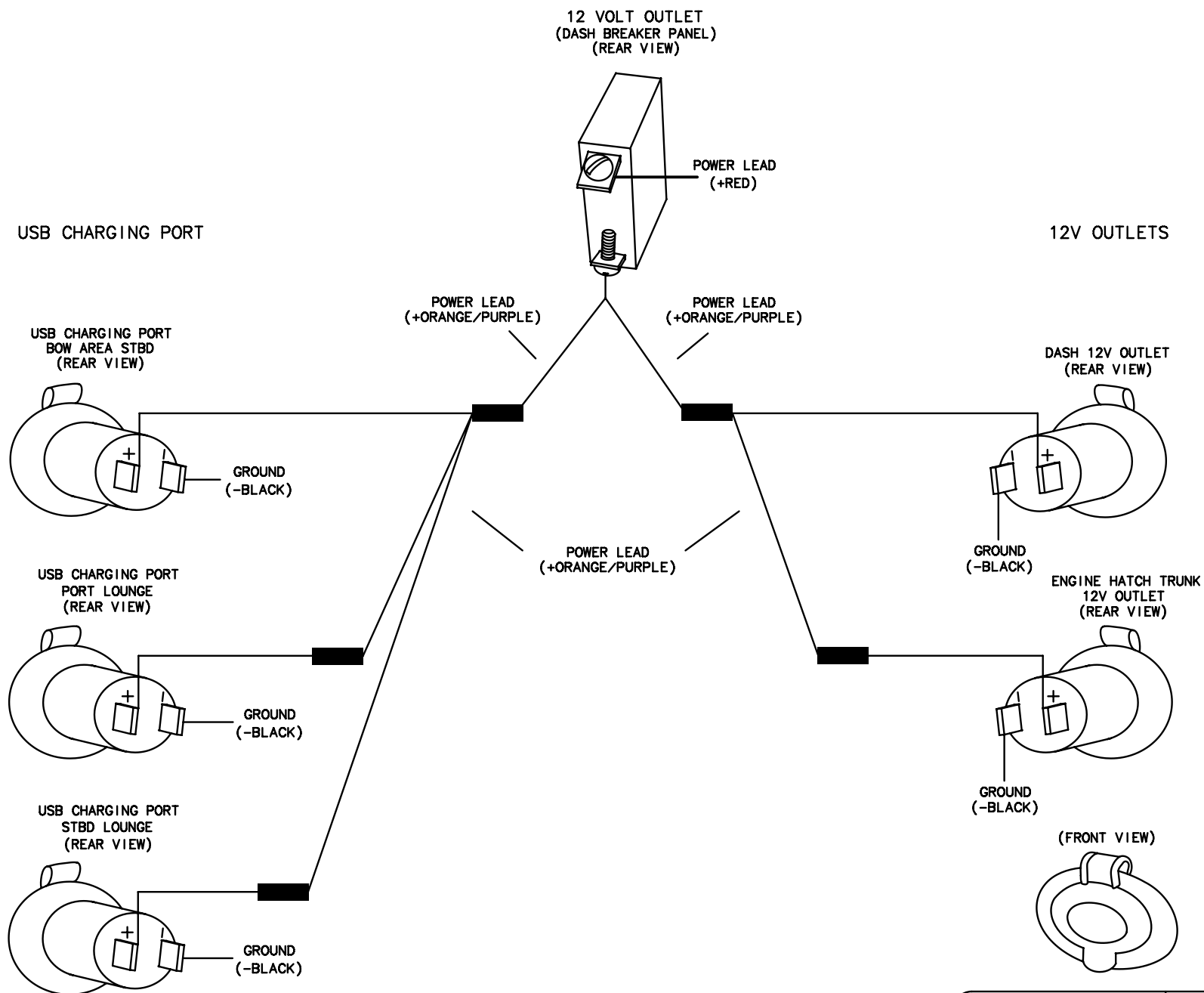


DT 06-2S
DEUTSCH
AS WEATHER CAP



NOTE: DTS AND AXIUS BOATS WILL HAVE A DIFFERENT HARNESS THAT COMES FROM MERCURY MARINE.

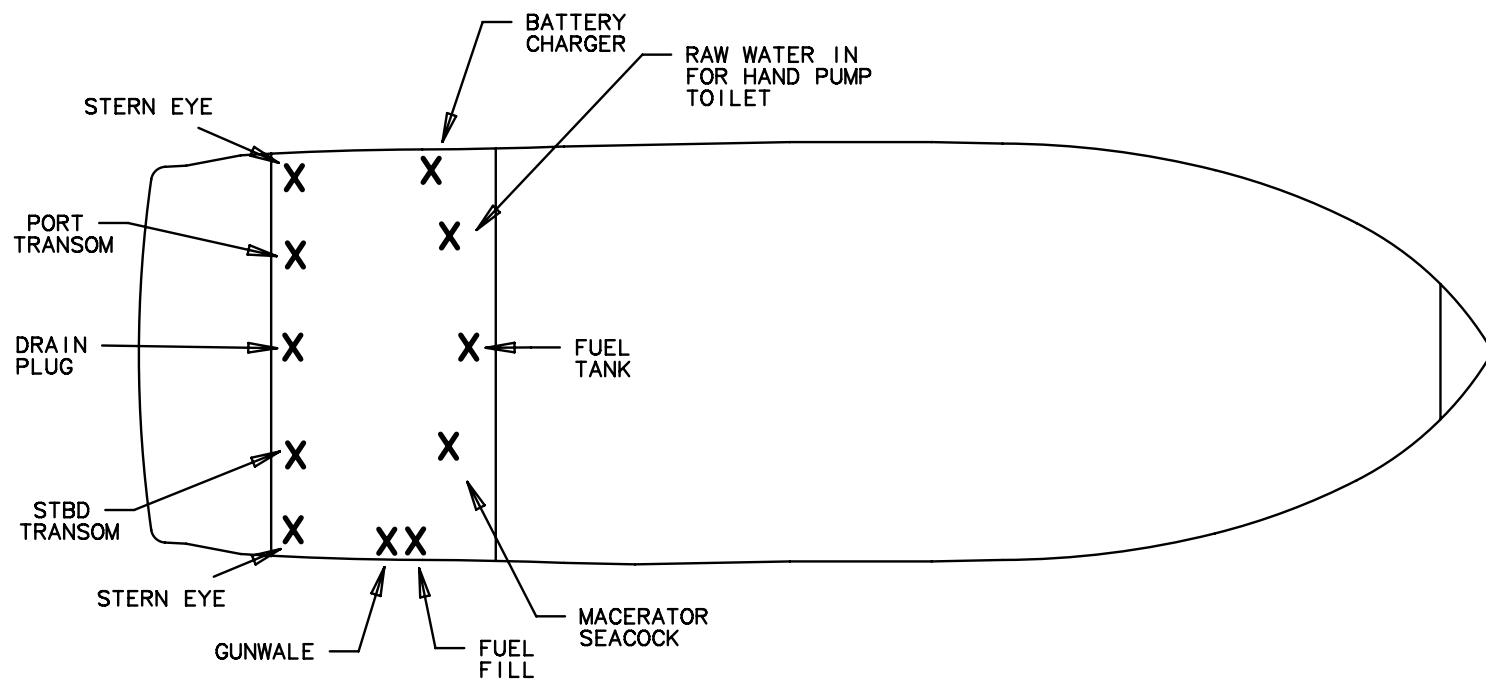
TITLE: ENGINE EXTENSION HARNESS (NON-DTS) OR SMARTCRAFT GAUGES		THUNDERBIRD PRODUCTS
MOD.: 290 BR		P.O. BOX 1003
DR BY: KPP		DECATUR IN., 46733
NO.: 13		DATE: 1-8-14 (260) 724-9111



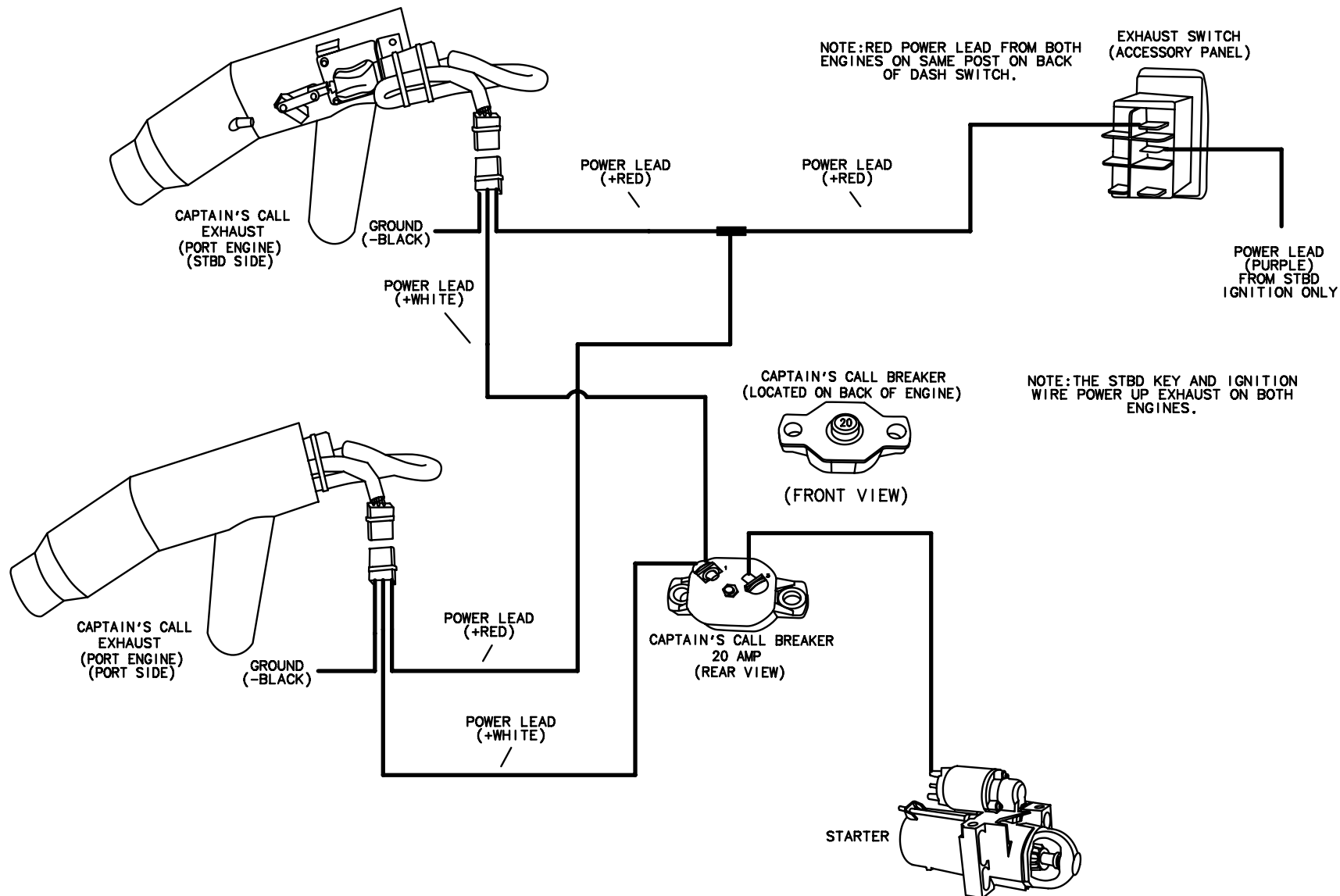
TITLE: 12 VOLT OUTLETS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 14	DATE: 1-8-14	(260) 724-9111

NOTE:

ALL BONDING WIRES ARE LIGHT GREEN.



TITLE: BONDING		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 15	DATE: 1-8-14	(260) 724-9111



TITLE: CAPTAIN'S CALL NON-DTS PORT ENG		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 17	DATE: 1-8-14	(260) 724-9111

LEGEND

C-BREAKER
PANEL



BLOWER



PLUG
INTERCONNECT



BLOWER
HOSE



GROUND



BLOWER BREAKER
DASH BREAKER PANEL
(REAR VIEW)



POWER LEAD
(+RED)

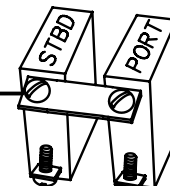
POWER LEAD
(+YELLOW/BROWN/RED)

BLOWER SWITCH
(DASH PANEL)
(REAR VIEW)



POWER LEAD
(+YELLOW)

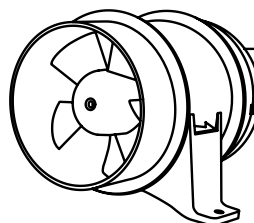
BLOWER BREAKERS
AFT BREAKER PANEL
(REAR VIEW)



POWER LEAD
(+YELLOW)

POWER LEAD
(+YELLOW) DEUTSCH
PLUG

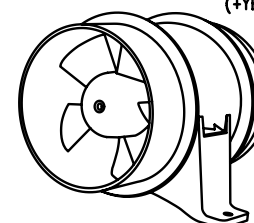
GROUND
(-BLACK)



STBD BLOWER

POWER LEAD
(+YELLOW)

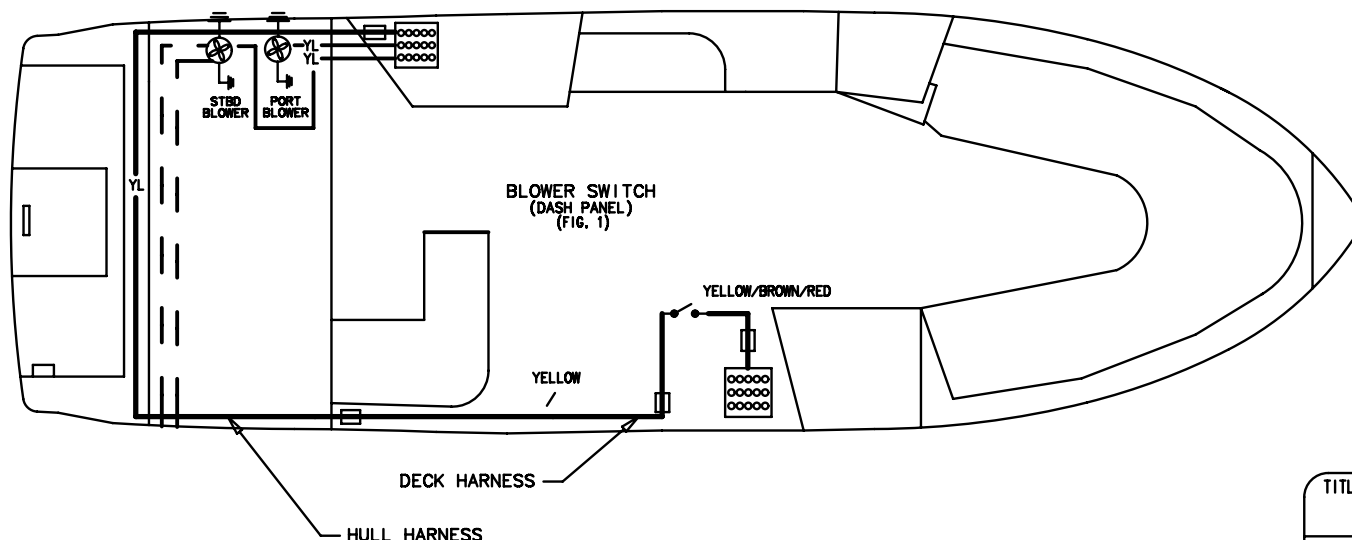
GROUND
(-BLACK)



PORT BLOWER

NOTE: STBD BLOWER HOSE RUNS
FROM BLOWER LOCATED ON PORT
SIDE TO THE STBD SIDE.

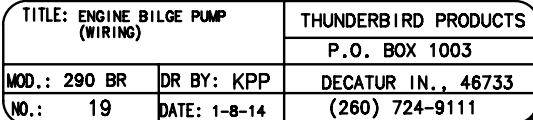
WARNING:
GASOLINE VAPORS CAN EXPLODE
BEFORE STARTING ENGINE:
-CHECK ENGINE COMPARTMENT
FOR GASOLINE VAPORS.
-OPERATE BLOWERS FOR 4 MINUTES.
RUN BLOWER BELOW CRUISING SPEED.



TITLE: BILGE BLOWERS		THUNDERBIRD PRODUCTS	
		P.O. BOX 1003	
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733	
NO.: 18	DATE: 1-8-14	(260) 724-9111	

LEGEND	
CONNECTOR	
DIODE	

11

☐

LEGEND

BREAKER
PANEL



PLUG
INTERCONNECT



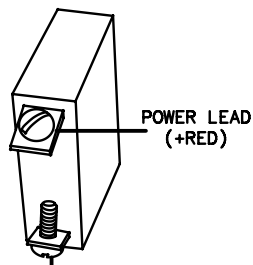
GROUND



C.O. DETECTOR

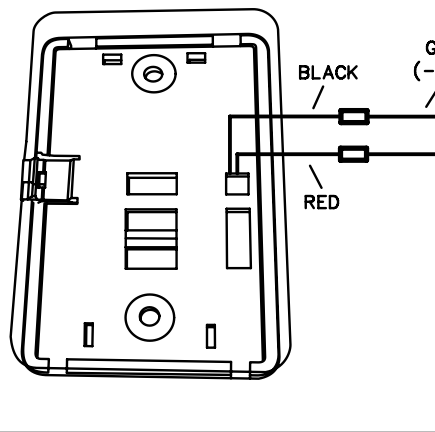


"FUME/C.O. DETECTOR" BREAKER
(DASH BREAKER PANEL)
(REAR VIEW)



POWER LEAD
(+ORANGE/BROWN)

CO DETECTOR
(REAR VIEW)



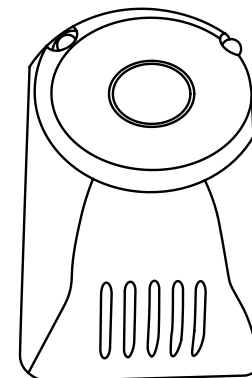
BLACK

GROUND
(-BLACK)

RED

POWER LEAD
(+ORANGE/BROWN)

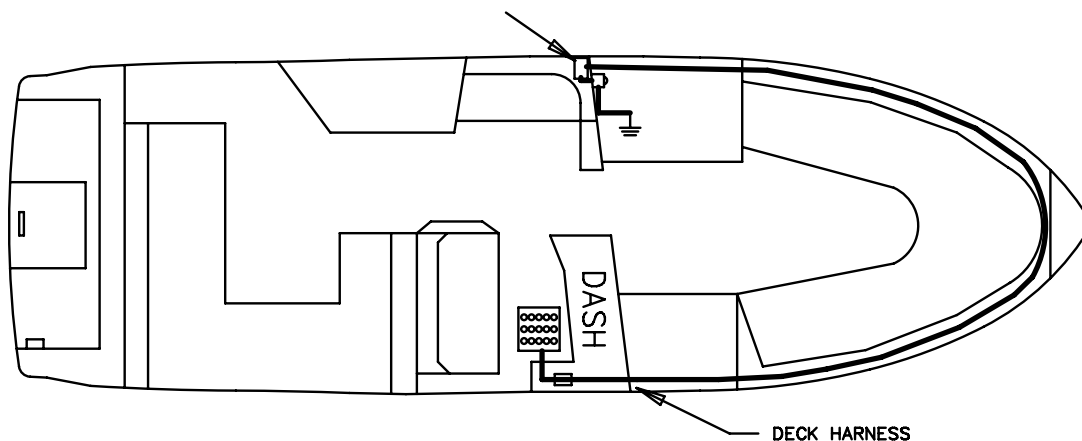
CO DETECTOR
(FRONT VIEW)
LOCATED IN HEAD UNIT
ABOVE SINK



NOTE:
CO DETECTOR RECEIVES POWER FROM
THE SAME BREAKER AS THE FUME DETECTOR.

NOTE:OR/BN POWERS CO DETECTOR
OR/BN/RD POWERS FUME DETECTOR

HEAD UNIT
PIGTAIL



DECK HARNESS

TO OPERATE:

1. THE CO DETECTOR IS LOCATED IN THE HEAD UNIT.
2. THE AUXILIARY BATTERY SWITCH, UNDER THE WET BAR, MUST BE TURNED ON.
3. THE "FUME/C.O. DETECTOR" BREAKER ON THE DASH BREAKER PANEL MUST BE PUSHED IN.
4. THE CO DETECTOR NOW HAS POWER.

TITLE: CARBON MONOXIDE
DETECTOR

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

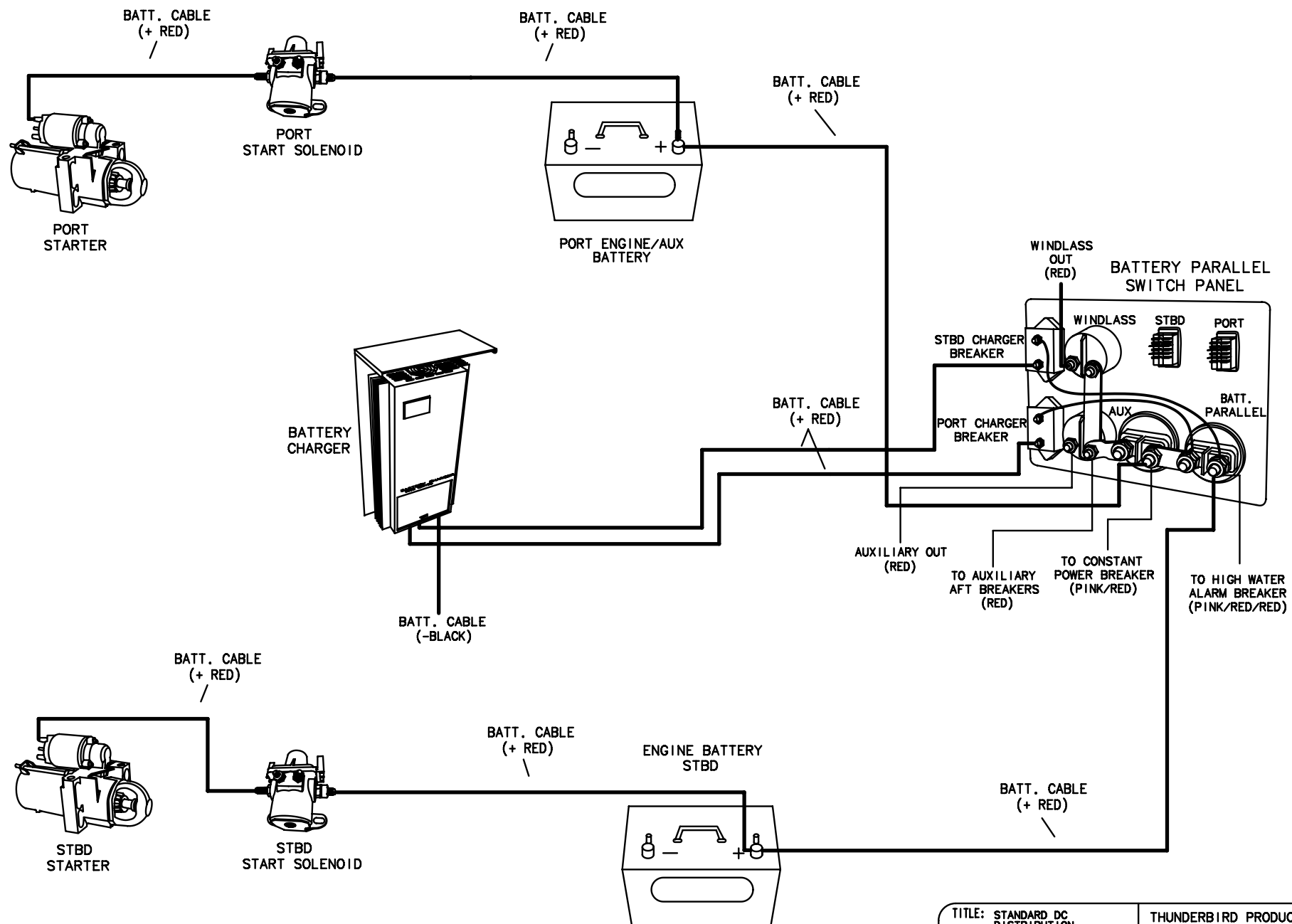
DR BY: KPP

DECATUR IN., 46733

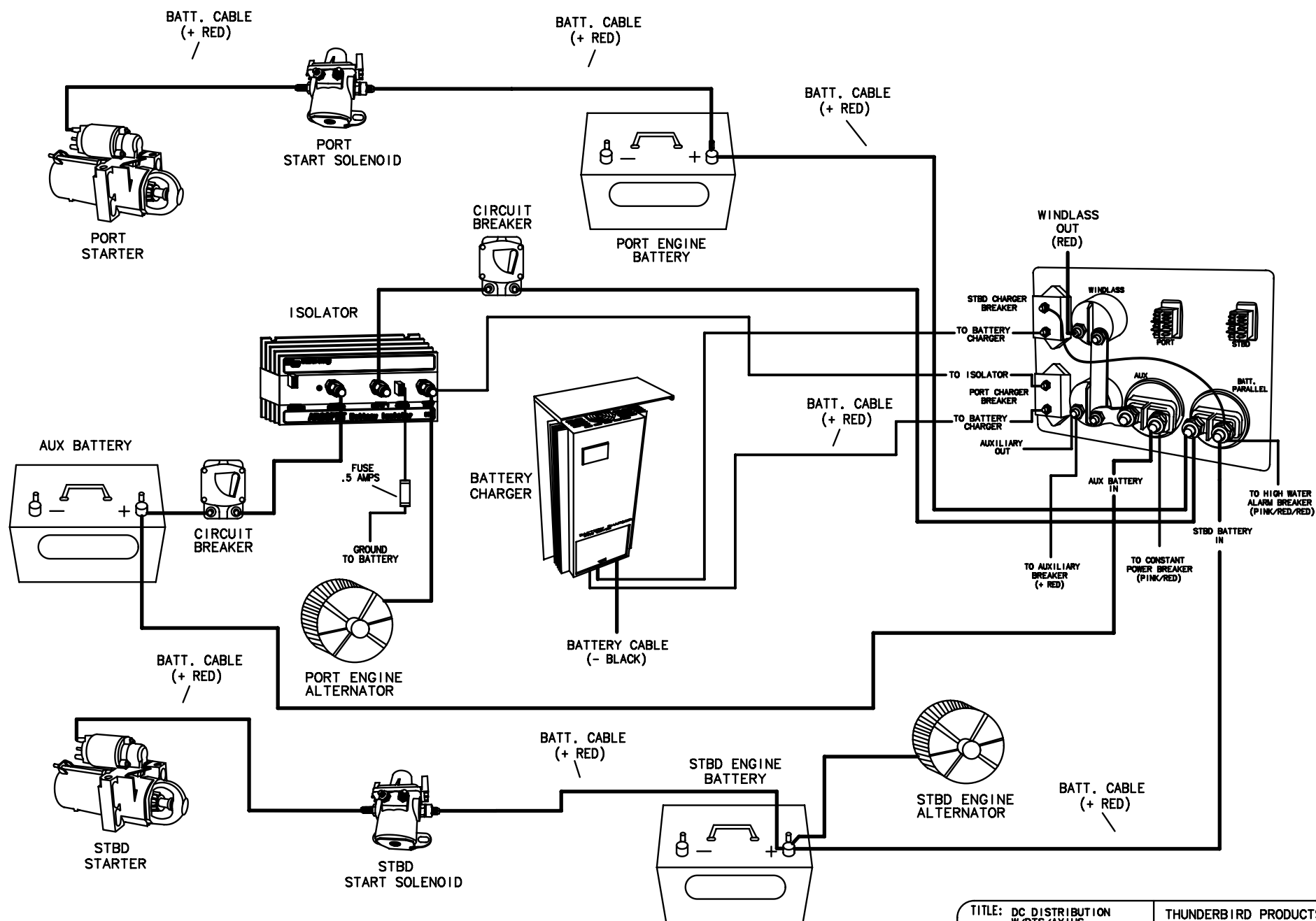
NO.: 20

DATE: 1-8-14

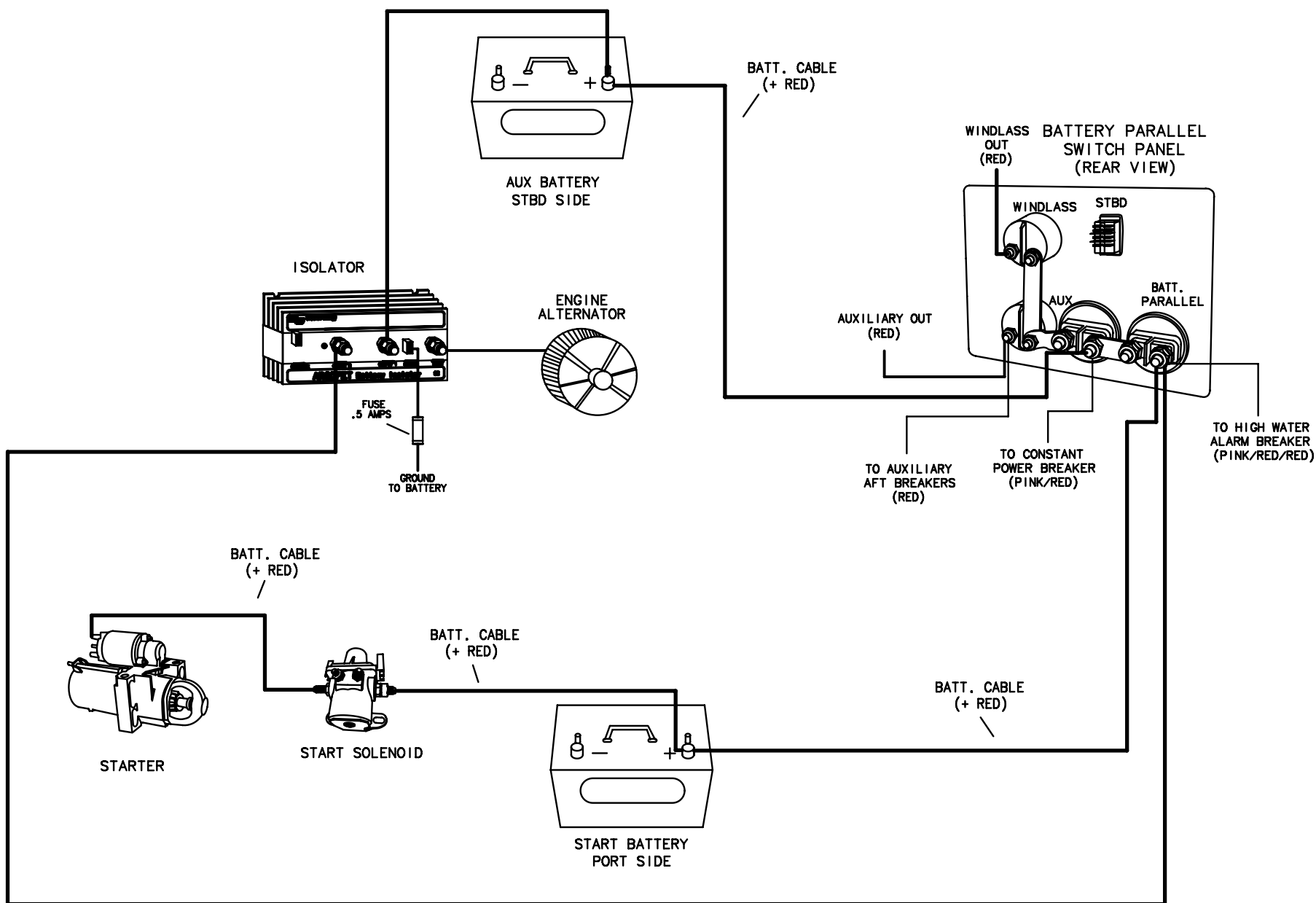
(260) 724-9111



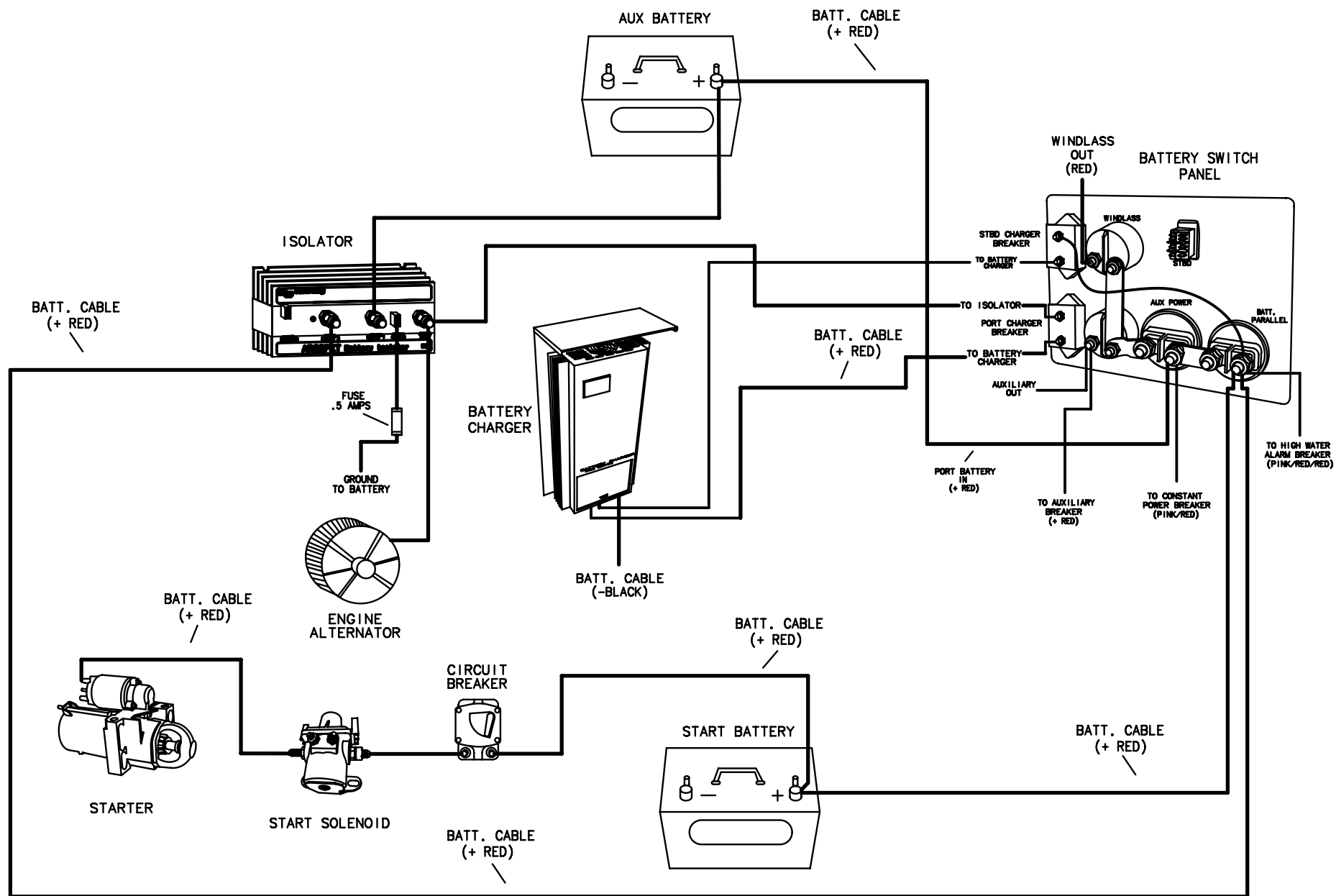
TITLE: STANDARD DC DISTRIBUTION NON-DTS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 21	DATE: 1-8-14	(260) 724-9111



TITLE: DC DISTRIBUTION W/DTS/AXIUS		THUNDERBIRD PRODUCTS
MOD.: 290 BR		P.O. BOX 1003
DR BY: KPP		DECATUR IN., 46733
NO.: 22	DATE: 1-8-14	(260) 724-9111



TITLE: STANDARD DC DISTRIBUTION NON-DTS		THUNDERBIRD PRODUCTS	
MOD.: 290 BR SGL DR BY: KPP		P.O. BOX 1003	
NO.: 23	DATE: 1-8-14	DECATUR IN., 46733	
		(260) 724-9111	



TITLE: DC DISTRIBUTION W/DTS			THUNDERBIRD PRODUCTS	
			P.O. BOX 1003	
MOD.: 290	BR SGL	DR BY: KPP	DECATUR IN., 46733	
NO.: 24	DATE: 1-8-14		(260) 724-9111	

LEGEND

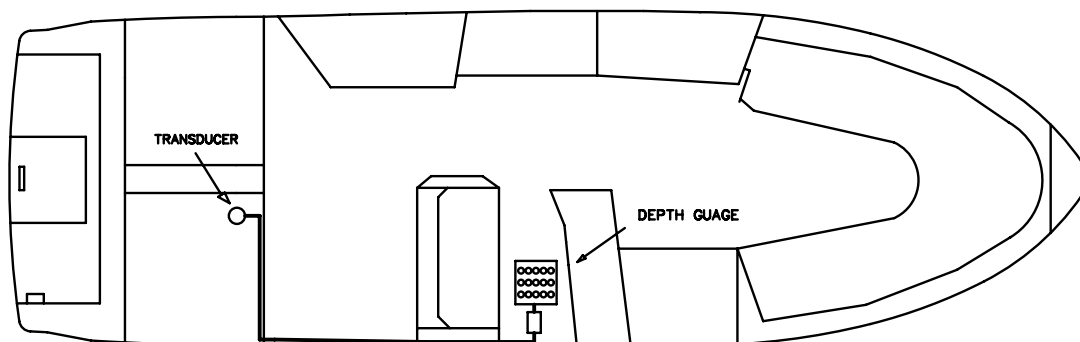
C-BREAKER
PANEL



PLUG
INTERCONNECT



CONNECTOR

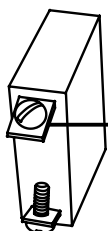


TO OPERATE: TURN ON STBD
KEY TO POWER DEPTH SOUNDER.
STBD START BATTERY SWITCH
MUST BE TURNED ON.

NOTE: CABLE RUNS FROM DEPTH GAUGE
TO DEPTH SOUNDER UNIT WITH THE DECK
HARNESS, THEN THE HULL HARNESS.

RAYMARINE CHARTPLOTTER WILL RUN
A CABLE DIRECTLY FROM PLOTTER TO
THRU HULL TRANSUDER IN THE SAME
LOCATION AND CABLE ROUTING.

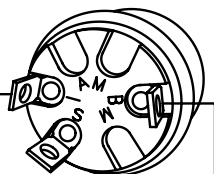
STBD IGN BREAKER
(DASH BREAKER PANEL)
(REAR VIEW)



POWER LEAD
(+RED)

POWER LEAD
(+PURPLE)

IGNITION
(REAR VIEW)



POWER LEAD
(+RED/BLACK/ORANGE)

KILL SWITCH

BLACK

BLACK

POWER LEAD
(+RED/BLACK/ORANGE)

DEPTH GAUGE
MAIN PANEL
(REAR VIEW)

POWER
TO
TRANSUDER

FUSE
.1 AMP

POWER LEAD
(+PURPLE)

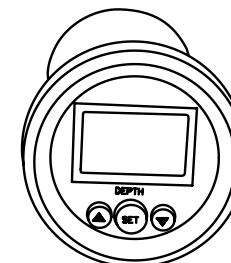
POWER LEAD
(+PURPLE)

GROUND
(-BLACK)

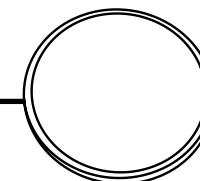
GROUND
(-BLACK)

CONNECTOR LOCATED IN
ENGINE AREA TIED UP
WITH THE HULL HARNESS.

DEPTH GAUGE
(LOCATED ON INSTRUMENT PANEL)



DEPTH TRANSUDER



GLUED TO BILGE,
STBD SIDE OF
MIDDLE STRINGER.

TITLE: DEPTH SOUNDER
BASE BOAT

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 25

DATE: 1-8-14

(260) 724-9111

LEGEND

C-BREAKER
PANEL



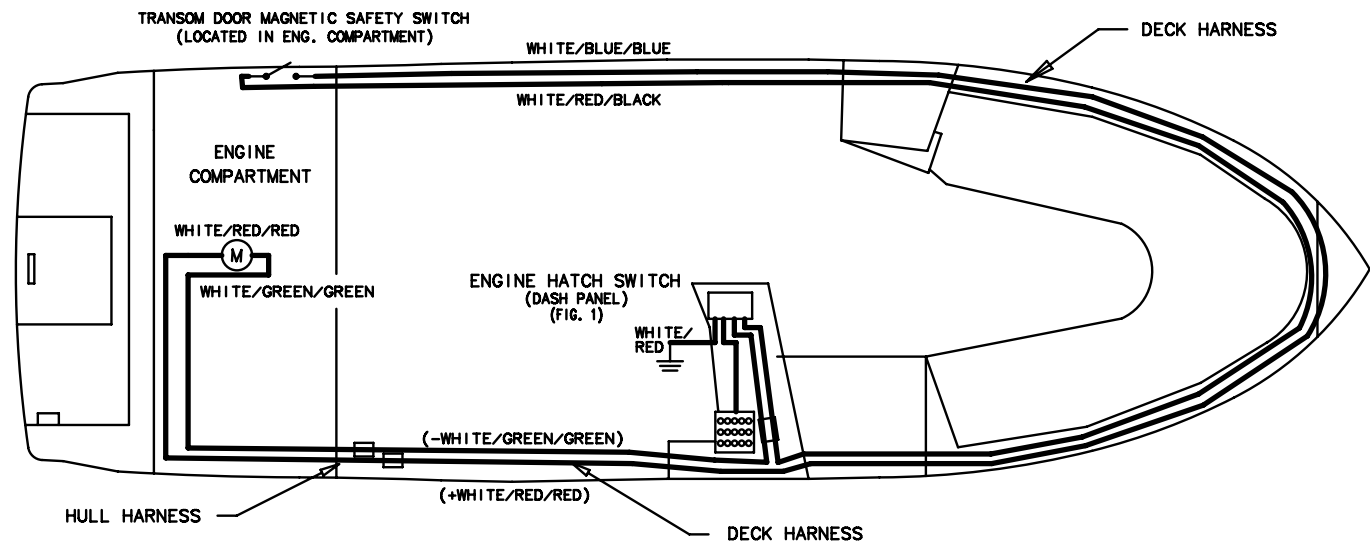
MOTOR



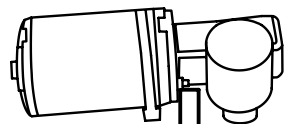
PLUG
INTERCONNECT



GROUND



ENGINE HATCH RAM



ORANGE

BLACK

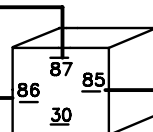
(+WHITE/
GREEN/
GREEN)

ENGINE HATCH
SWITCH
(DASH PANEL)
(REAR VIEW)



POWER LEAD
(+WHITE/RED)

TRANSOM DOOR RELAY
(UNDER DASH)



GROUND
(-BLACK)

POWER LEAD
(+WHITE/RED)

POWER LEAD
(+WHITE/RED)

ENGINE HATCH BREAKER
(DASH BREAKER PANEL)
(REAR VIEW)

POWER LEAD
(+RED)

POWER LEAD
(+WHITE/RED)

(+WHITE/RED/RED)

WHITE/
BLUE/
BLUE

1 AMP
FUSE

WHITE/
RED/
BLACK

MAGNETIC REED SWITCH
(DECK)

MAGNETIC REED SWITCH
(TRANSOM DOOR)

TITLE: ENGINE HATCH RAM
AND TRANSOM DOOR
SAFETY SWITCH

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 26

DATE: 1-8-14

(260) 724-9111

LEGEND

C-BREAKER
PANEL



IGNITION
SWITCH



CONNECTOR



HALON
LIGHT

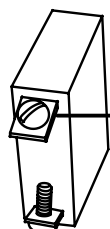


GROUND



TO OPERATE MANUAL DISCHARGE:
1. REMOVE PIN LOCATED UNDER
THE WET BAR.
2. PULL RED HANDLE LABELED "FIRE"
3. SHUT DOWN ENGINES, BLOWERS
AND ELECTRICAL SYSTEMS.

STBD IGNITION BREAKER
(DASH BREAKER PANEL)
(REAR VIEW)

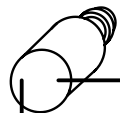


POWER LEAD
(+RED)

POWER LEAD
(+RED/BLACK/ORANGE)

BLACK

KILL SWITCH
(LOCATED BELOW THROTTLE)
(REAR VIEW)

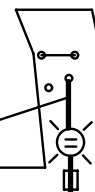


BLACK

DASH IGN PANEL
(FIG. 1)

STBD IGN

PURPLE



HULL HARNESS

DECK HARNESS

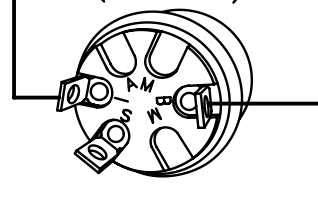
FIRE EXTINGUISHER
LIGHT
(IGNITION PANEL)

POWER LEAD
(+PURPLE)

POWER LEAD
(+ORANGE/RED/RED)

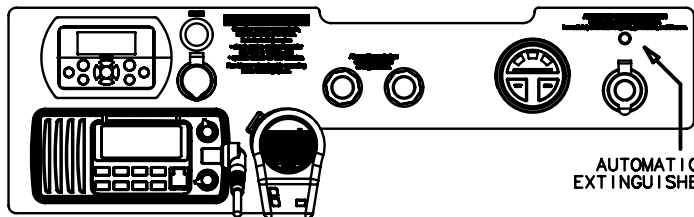
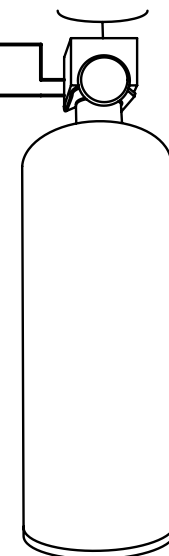
GROUND
(-BLACK)

STBD IGNITION
(REAR VIEW)



POWER LEAD
(+RED/BLACK/ORANGE)

FIRE EXTINGUISHER
(ENGINE COMPARTMENT)



AUTOMATIC FIRE
EXTINGUISHER LIGHT

TITLE: FIRE EXTINGUISHER
NON-DTS

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 27

DATE: 1-8-14

(260) 724-9111

LEGEND

C-BREAKER
PANEL



IGNITION
SWITCH



PLUG
INTERCONNECT



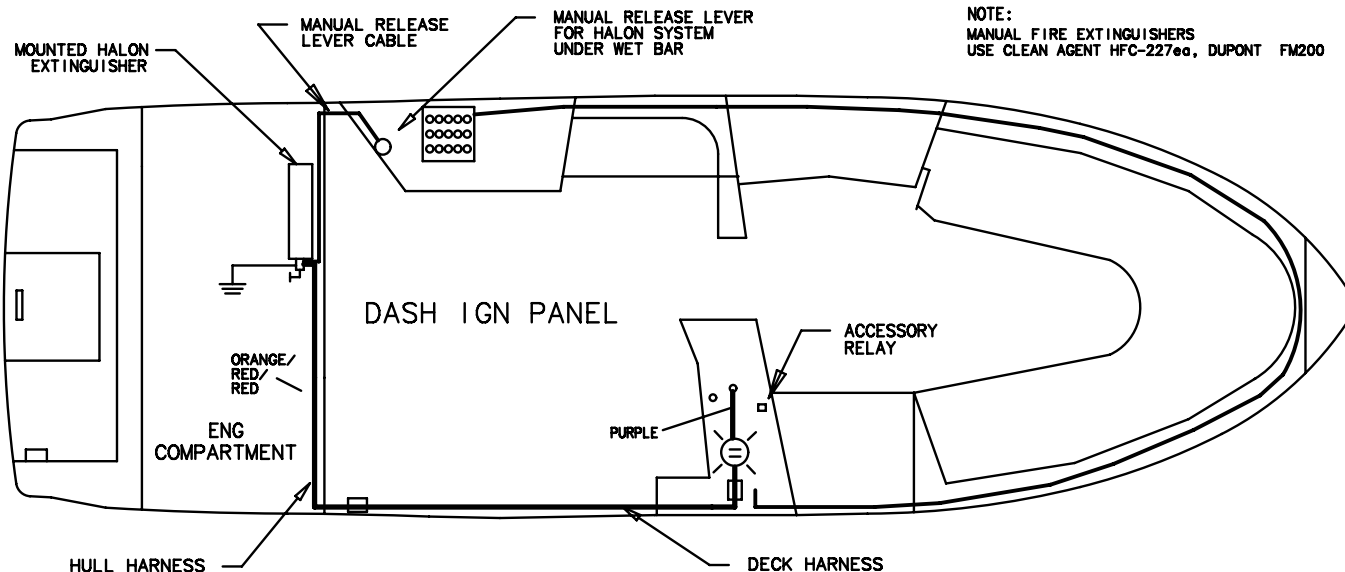
FIRE EXTINGUISHER
LIGHT



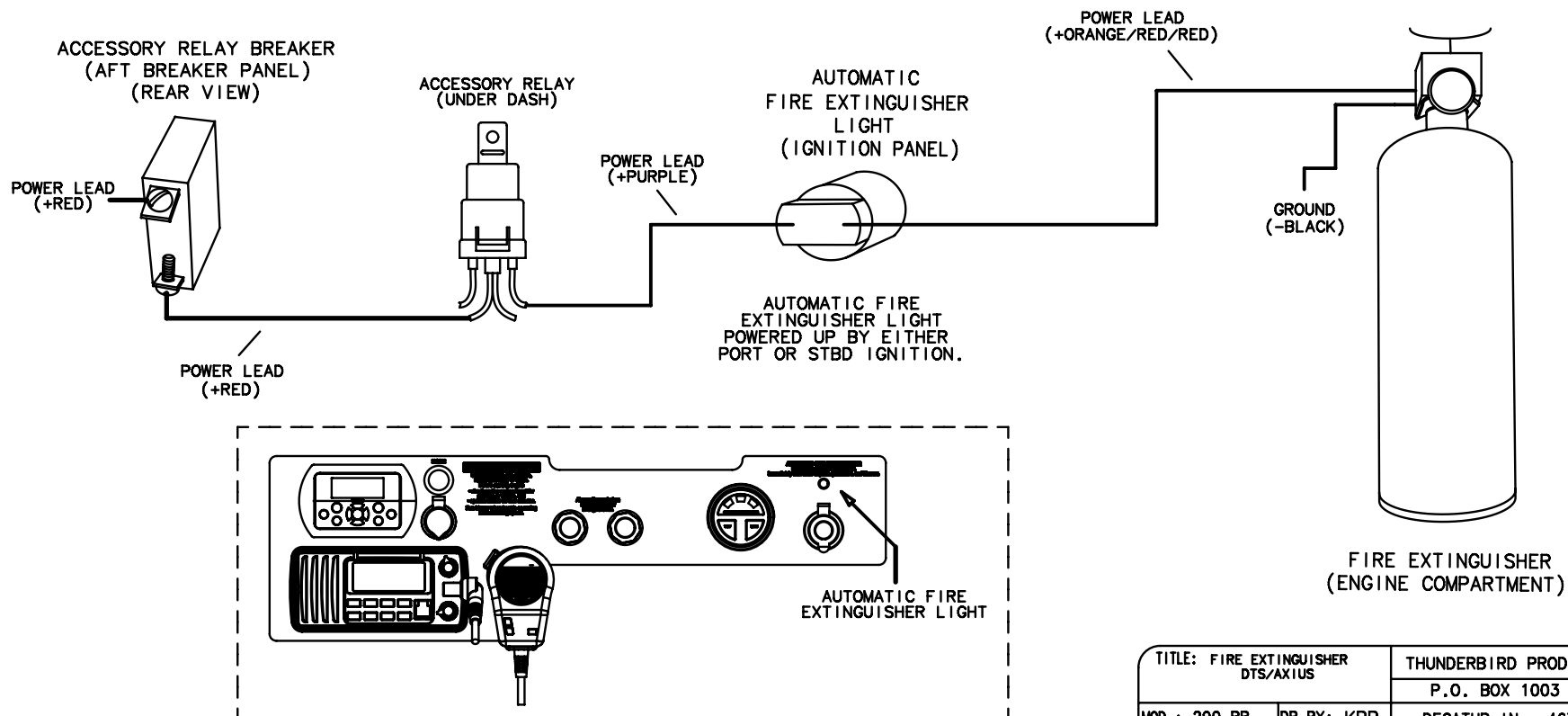
GROUND



- TO OPERATE MANUAL DISCHARGE:
1. REMOVE PIN LOCATED UNDER THE WET BAR.
 2. PULL RED HANDLE LABELED "FIRE"
 3. SHUT DOWN ENGINES, BLOWERS AND ELECTRICAL SYSTEMS.



NOTE:
MANUAL FIRE EXTINGUISHERS
USE CLEAN AGENT HFC-227ea, DUPONT FM200



TITLE: FIRE EXTINGUISHER DTS/AXIUS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 28	DATE: 1-8-14	(260) 724-9111

LEGEND

C-BREAKER
PANEL



PLUG
INTERCONNECT



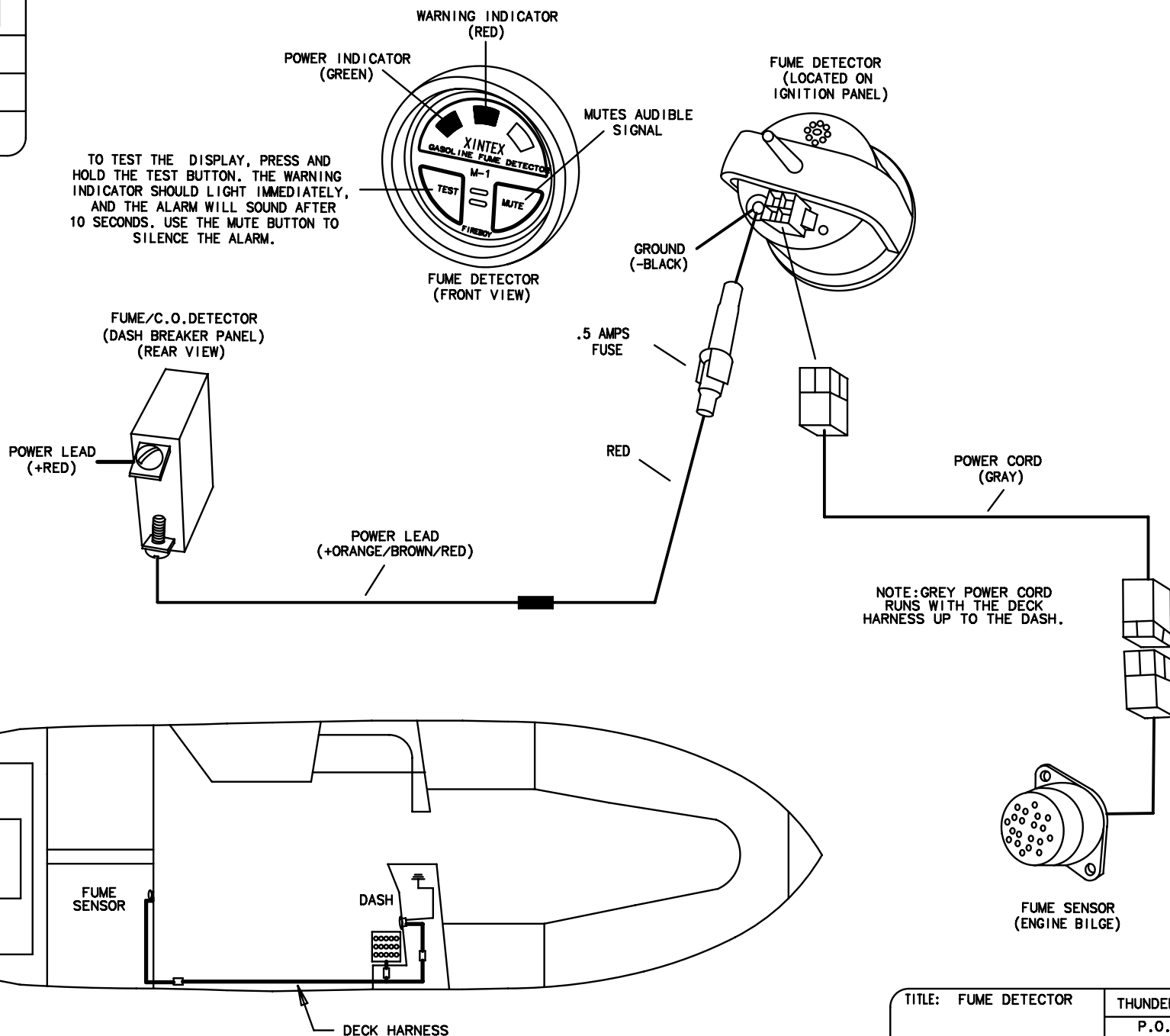
GROUND



CONNECTOR



TO TEST THE DISPLAY, PRESS AND HOLD THE TEST BUTTON. THE WARNING INDICATOR SHOULD LIGHT IMMEDIATELY, AND THE ALARM WILL SOUND AFTER 10 SECONDS. USE THE MUTE BUTTON TO SILENCE THE ALARM.



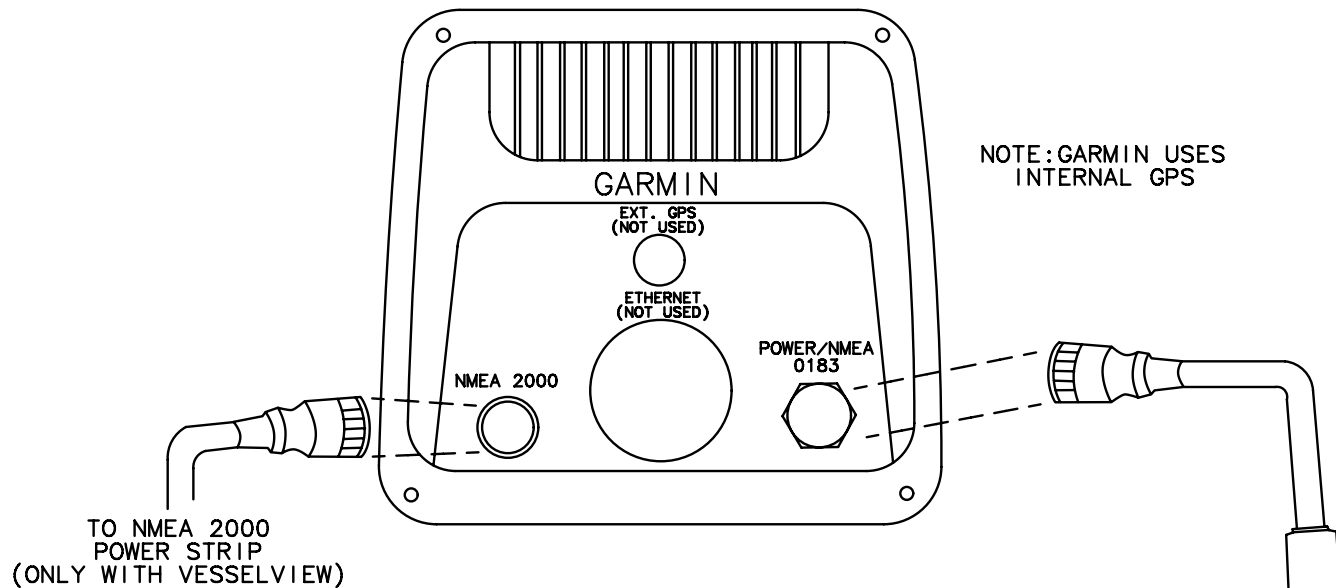
TITLE: FUME DETECTOR		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 29	DATE: 1-8-14	(260) 724-9111

LEGEND

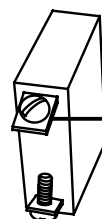
C-BREAKER
PANEL



CONNECTER



GPS/PLOTTER BREAKER
DASH BREAKER PANEL
(REAR VIEW)



POWER LEAD
(+RED)

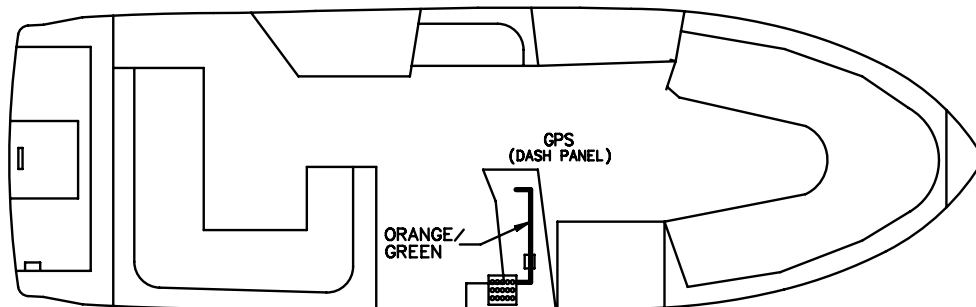
GROUND
(-BLACK)

BLACK

FUSE

RED

POWER LEAD
(+ORANGE/GREEN)



TITLE: GPS-CHARTPLOTTER GARMIN

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 30

DATE: 1-8-14

(260) 724-9111

LEGEND

C-BREAKER
PANEL



PLUG
INTERCONNECT

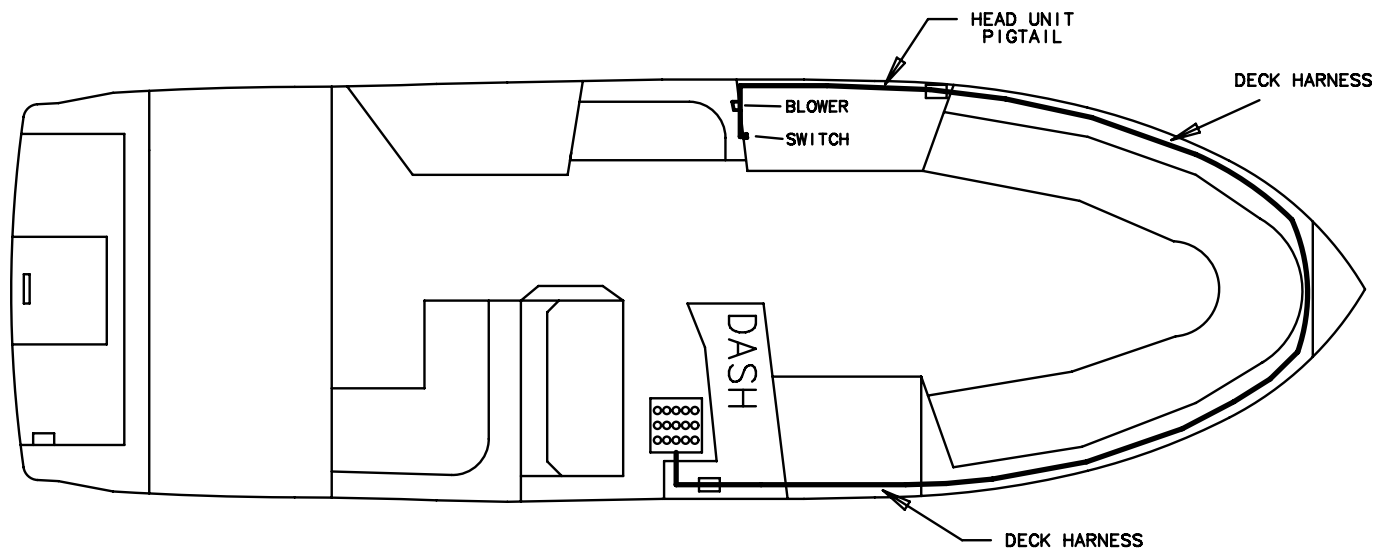


CONNECTOR

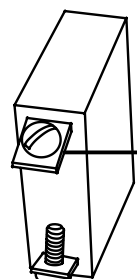


TO OPERATE:

1. TURN ON THE AUXILIARY BATTERY SWITCHED LOCATED UNDER THE WET BAR.
2. MAKE SURE THE HEAD BLOWER BREAKER IS PUSHED IN.
3. THE HEAD BLOWER SWITCH NOW HAS POWER TO TURN BLOWER ON.



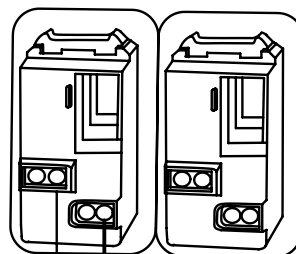
HEAD BLOWER BREAKER
(DASH BREAKER PANEL)
(REAR VIEW)



POWER LEAD
(+ RED)

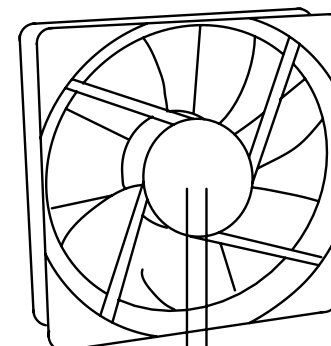
POWER LEAD
(+YELLOW/WHITE)
10 GA.

SWITCH
BLOWER LIGHT
(REAR VIEW)



POWER LEAD
(+YELLOW/WHITE)
14 GA.

HEAD BLOWER UNIT



1/2 AMP
FUSE

GROUND
(-BLACK)

(+ RED)

(- BLUE)

TITLE: HEAD BLOWER		THUNDERBIRD PRODUCTS	
		P.O. BOX 1003	
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733	
NO.: 31	DATE: 1-8-14	(260) 724-9111	

LEGEND

C-BREAKER
PANEL



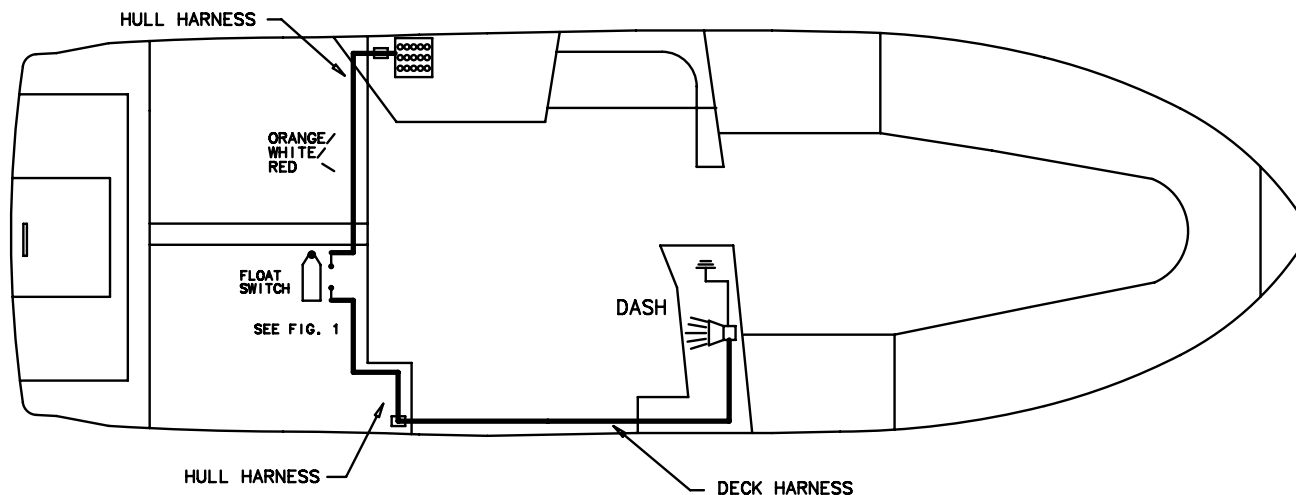
GROUND



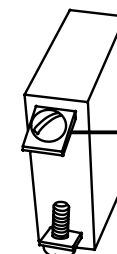
PLUG
INTERCONNECT



SIREN

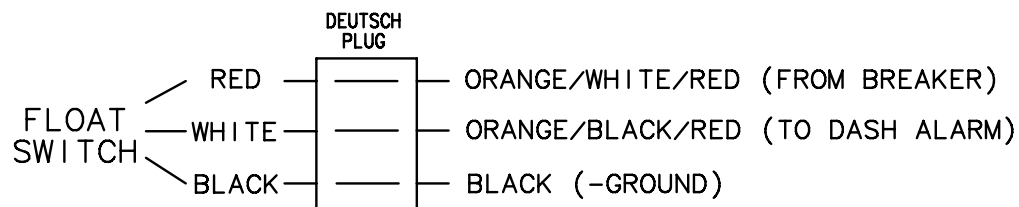


HIGH WATER ALARM BREAKER
AFT BREAKER PANEL
(REAR VIEW)



POWER LEAD
(+PINK/RED/RED)

POWER LEAD
(+ORANGE/WHITE/RED)



TITLE: HIGH WATER ALARM

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 32

DATE: 1-8-14

(260) 724-9111

LEGEND

C-BREAKER
PANEL



PLUG
INTERCONNECT



GROUND



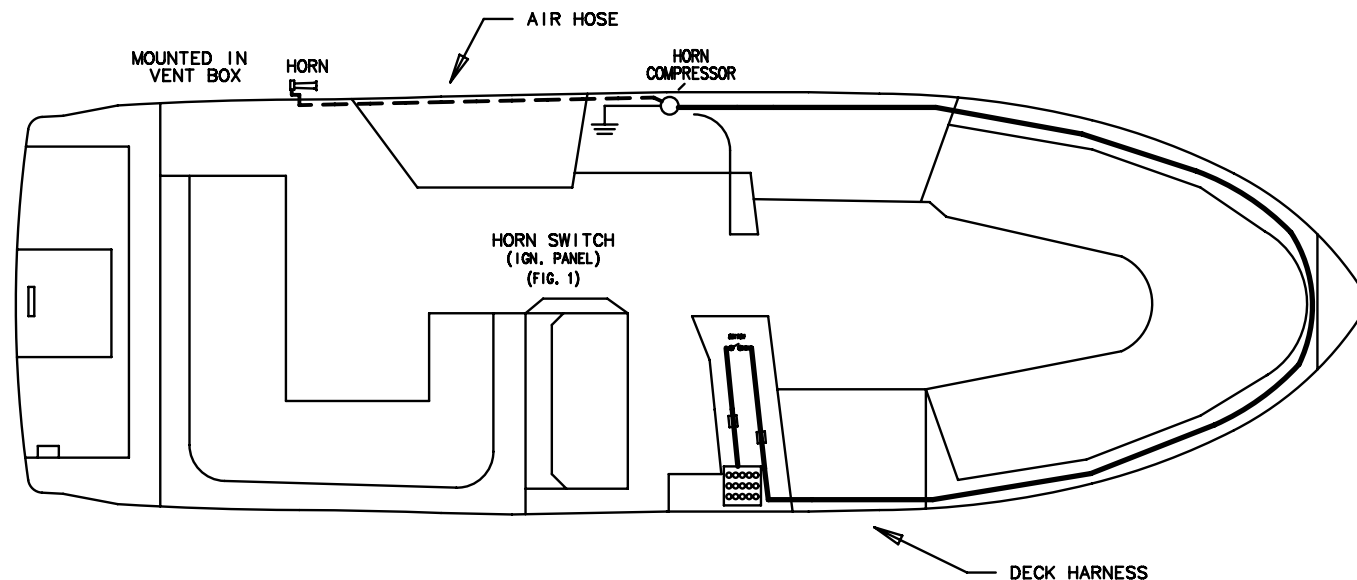
AIR HOSE



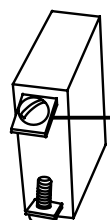
HORN COMPRESSOR MAINTENANCE

LUBRICATION (Very Important)

Lubricate compressor every 4-5 months. Remove air hose from compressor and apply 3 to 4 drops of light machine oil into the air port. Let oil set for a few minutes and then activate the compressor momentarily to distribute the oil. Reconnect the air hose.



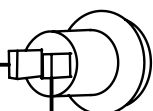
HORN BREAKER
(DASH BREAKER PANEL)
(REAR VIEW)



POWER LEAD
(+RED)

POWER LEAD
(+ORANGE/WHITE)

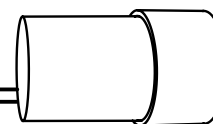
HORN SWITCH
(IGN. PANEL)
(REAR VIEW)



POWER LEAD
(+ORANGE/WHITE/WHITE)

BLACK
(-GROUND)

HORN
COMPRESSOR
(PORT SIDE)



AIR HOSE

ONE WAY
AIR VALVE
(WITHIN 6"
OF COMPRESSOR)

FIBERGLASS ARCH OPTION:
HORN IS MOUNTED ON TOP
OF ARCH WITH AIR HOSE
RUNNING UP THE PORT ARCH
LEG. COMPRESSOR LOCATION
IS THE SAME.

TITLE: HORN

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

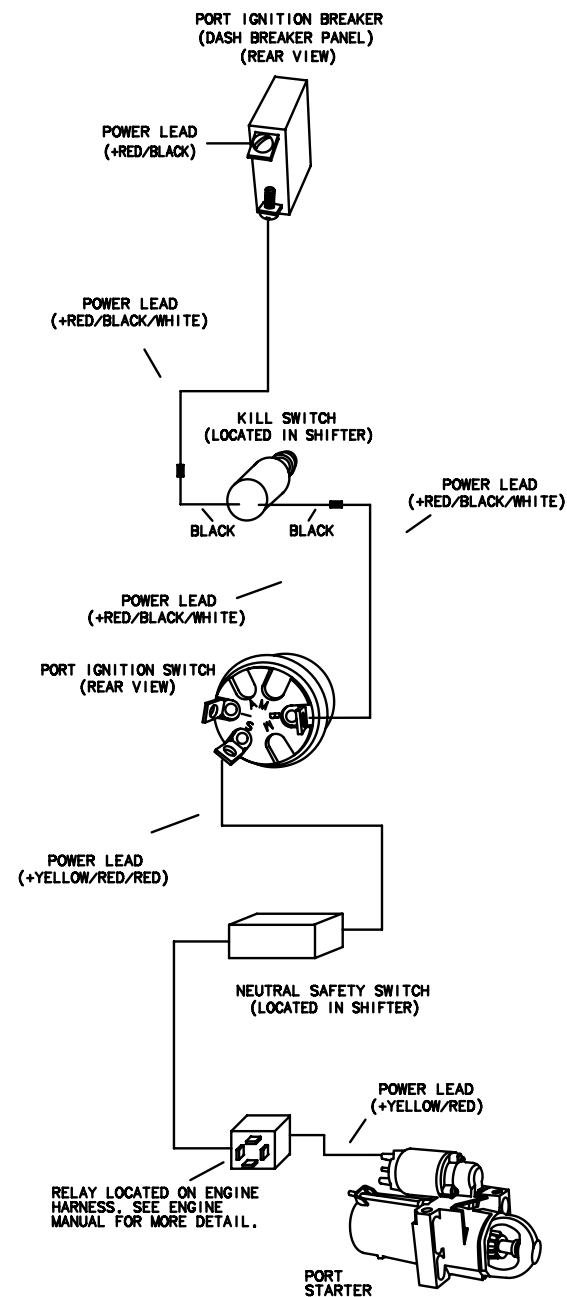
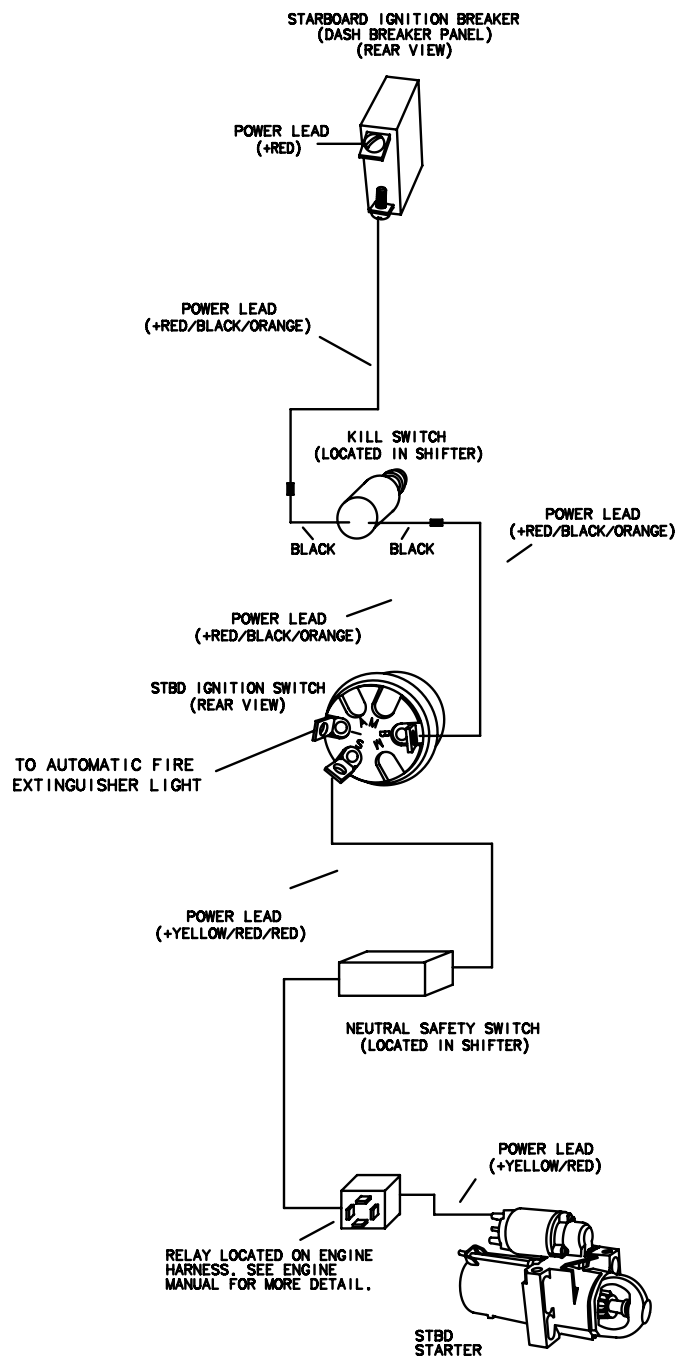
DR BY: KPP

DECATUR IN., 46733

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DATE: 1-8-14

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NOTE: FOR SINGLE ENGINE BOATS,
STBD WIRES AND HARDWARE ARE USED.

TITLE: IGNITION, GAS ENGINE NON-DTS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 34	DATE: 1-8-14	(260) 724-9111

LEGEND

LIGHT

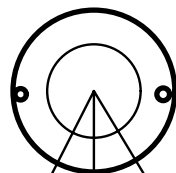
PLUG INTERCONNECT

SWITCH

GROUND

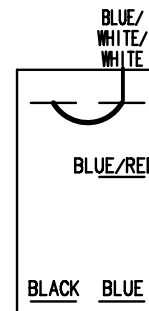
CONNECTOR

COURTESY LIGHT (REAR VIEW)

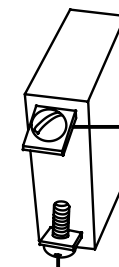


RED — BLUE/YELLOW
WHITE — BLUE/WHITE
BLACK — BLACK

COURTESY LIGHTS SWITCH (REAR VIEW)

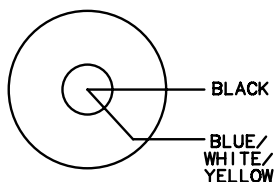


CABIN LIGHTS BREAKER (DASH BREAKER PANEL) (REAR VIEW)

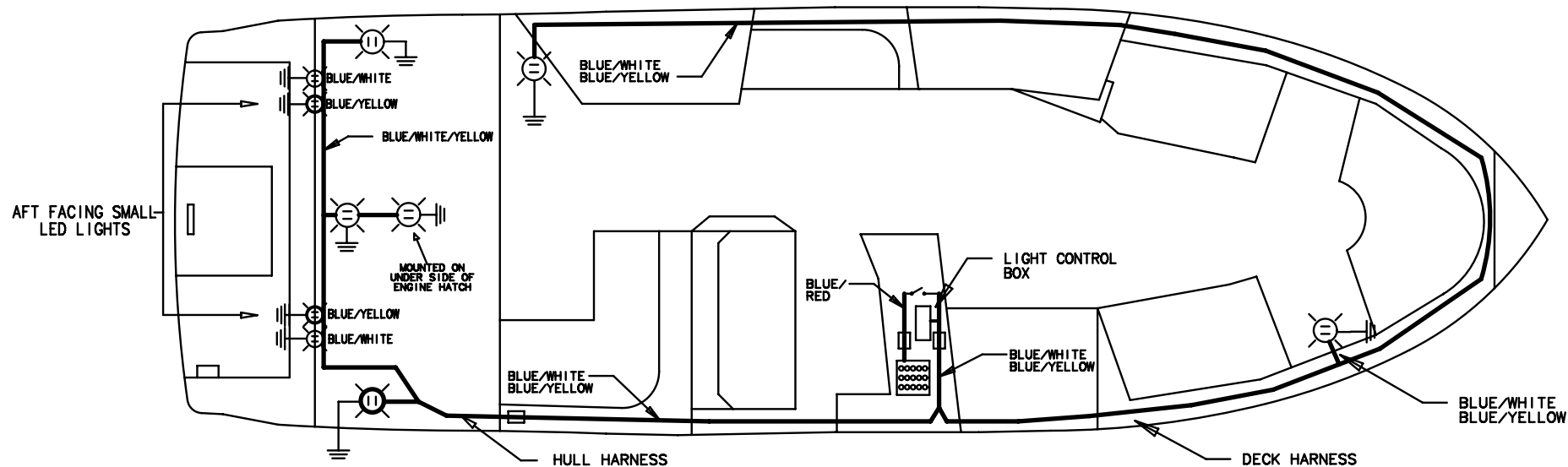


POWER LEAD (+RED)

POWER LEAD (+LIGHT BLUE/RED) (+LIGHT BLUE/ORANGE)



ENGINE ROOM LIGHT (REAR VIEW)



TO OPERATE:

1. THE AUXILIARY BATTERY SWITCH UNDER THE WET BAR, MUST TURNED ON.
2. THE *CABIN LIGHTS* BUTTON ON THE UNDER DASH BREAKER PANEL, MUST BE PUSHED IN OR CONNECTED. THE COURTESY LIGHTS SWITCH ON THE DASH PANEL IS NOW SUPPLIED WITH 12V DC TO TURN THE COURTESY LIGHTS ON.

TITLE: COURTESY LIGHTS

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 35

DATE: 1-8-14

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REMOTE LTS BREAKER
(AFT BREAKER PANEL)
(REAR VIEW)

REMOTE LIGHTS
BOX
(LOCATED BEHIND MAIN
DASH PANEL)

EXTERIOR LIGHTS BREAKER
(DASH BREAKER PANEL)
(REAR VIEW)

POWER LEAD
(+PINK/RED)

POWER LEAD
(+RED)

COURTESY LIGHTS
SWITCH

12 PIN DUETSCH CONN.

GROUND
(-BLACK)

TO WINDLASS
UP/DOWN SWITCH

WIRE IDENTIFICATION

WIRE COLOR	STRIPE	STRIPE	ABBREVIATION
BROWN	ORANGE	WHITE	BN/OR/WH

CODE	COLOR
BK	BLACK
BL	BLUE
RD	RED
PR	PURPLE
YL	YELLOW
GY	GRAY
BN	BROWN
OR	ORANGE
WH	WHITE
GN	GREEN

COURTESY LIGHTS MODE OF OPERATION

W/ BATTERY SWITCH OFF

USING THE REMOTE CONTROL,
PRESSING THE BUTTON:
ONCE: LOWER CKPT WHITE
LIGHTS ONLY FOR 15 MIN.

W/ BATTERY SWITCH ON

PRESSING THE COURT LT SW
ON ACC PNL :
ONCE: LOWER CKPT WHITE
LIGHTS
TWICE: UPPER & LOWER CKPT WHITE
LIGHTS ALONG WITH THE ENGINE
ROOM LIGHTS
THIRD: BLUE LIGHTS UPPER AND LOWER
FOURTH: ALL LIGHTS OFF

GROUND
(-BLACK)

WHITE

BLUE

GROUND
(-BLACK)

WHITE

GROUND
(-BLACK)

WHITE

BLUE

GROUND
(-BLACK)

WHITE

BLUE

GROUND
(-BLACK)

WHITE

BLUE

TITLE: COURTESY LIGHT DETAIL

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 36

DATE: 1-8-14

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LEGEND

C-BREAKER
PANEL



DOCKING LIGHT



PLUG



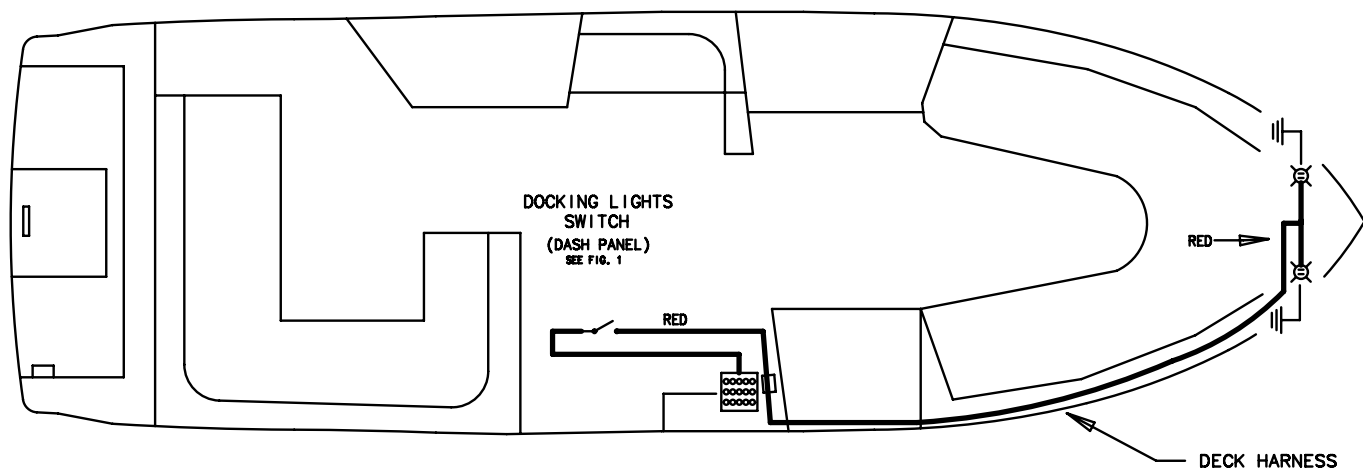
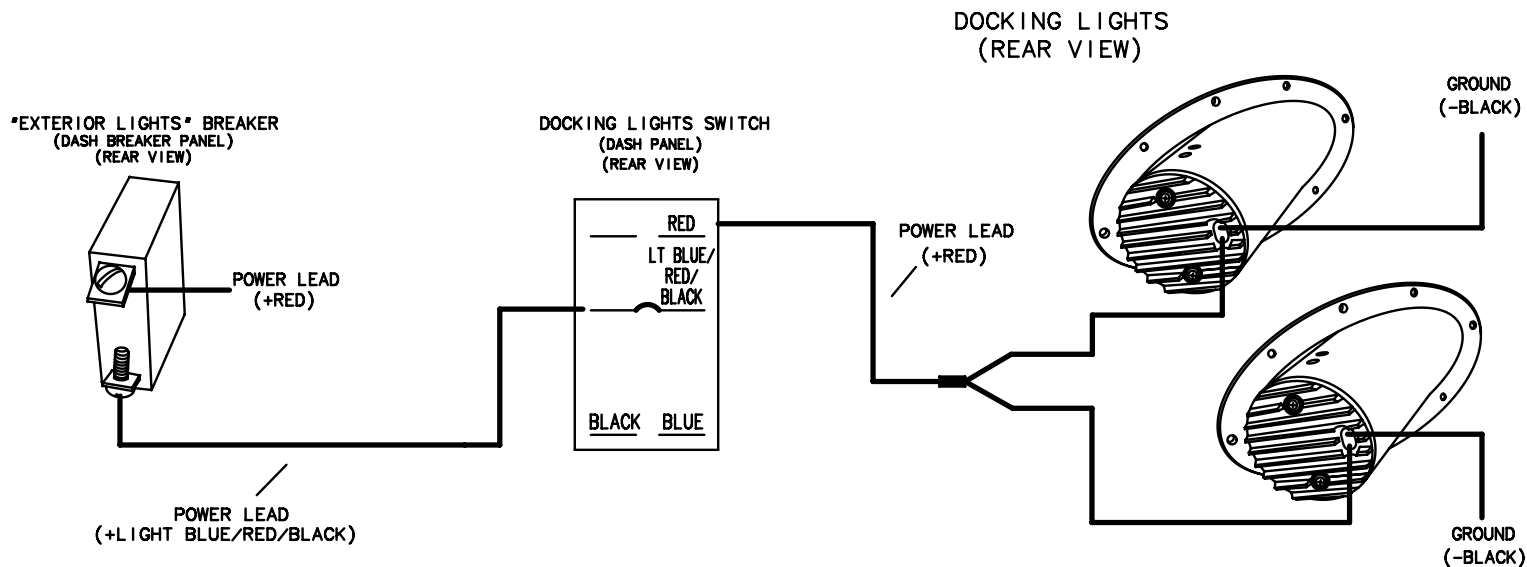
SWITCH



GROUND



CONNECTOR



TO OPERATE:

1. THE AUXILIARY BATTERY SWITCH UNDER THE WETBAR MUST BE TURNED ON.
2. THE 'EXTERIOR LIGHTS' BUTTON ON THE UNDER DASH BREAKER PANEL, MUST BE PUSHED IN OR CONNECTED.
3. THE PANEL IS NOW SUPPLIED WITH 12V DC POWER.
4. TURN ON 'DOCKING LIGHTS' SWITCH ON DASH.

TITLE: DOCKING LIGHTS

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

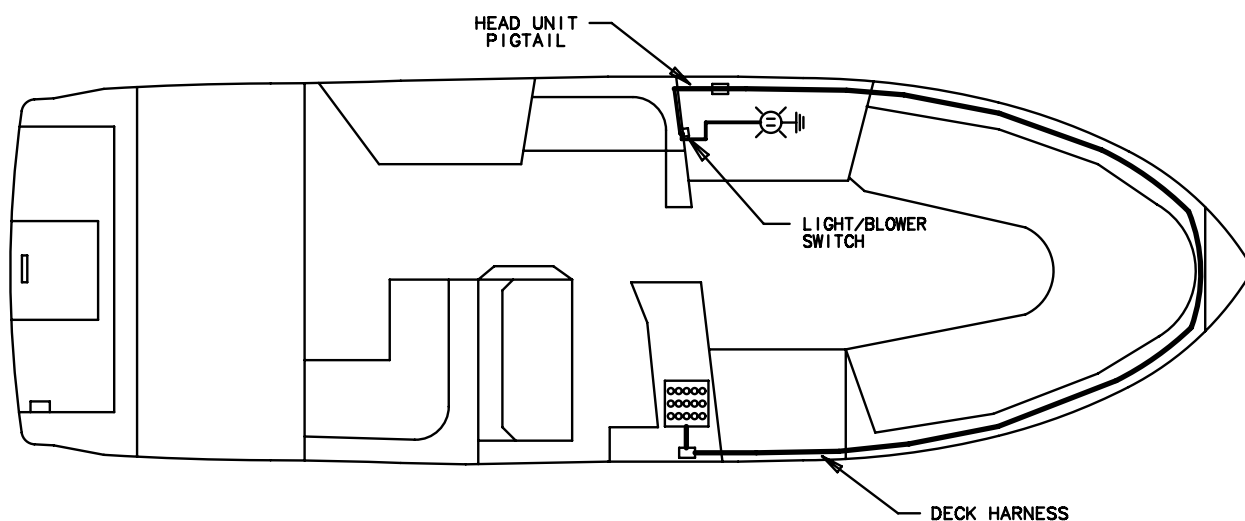
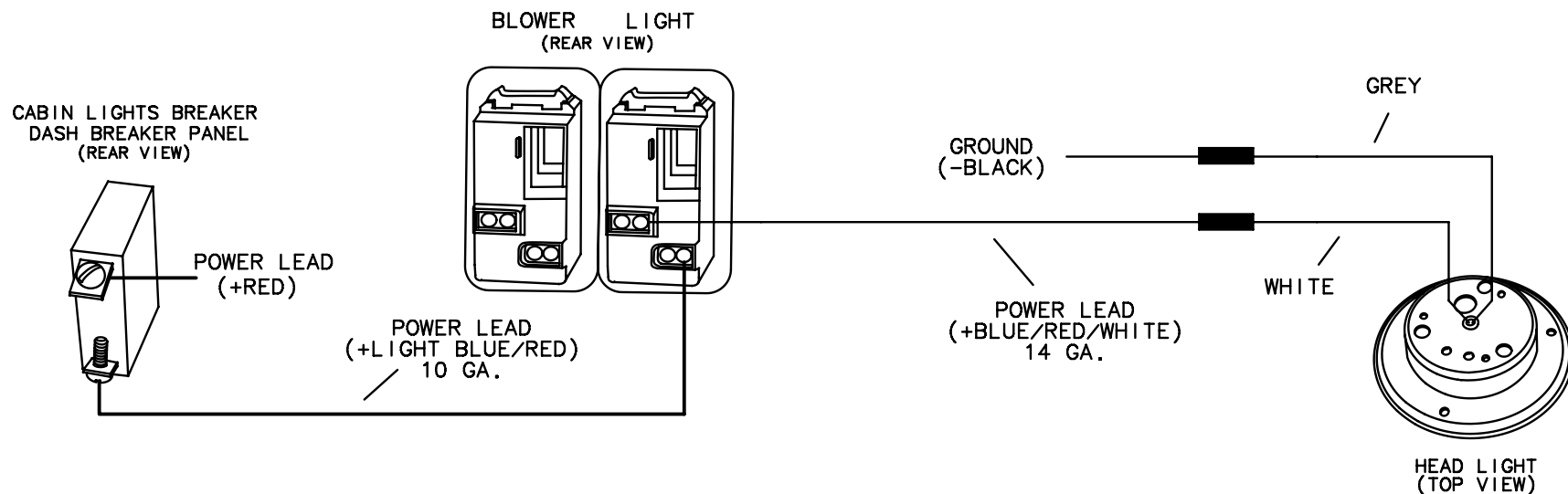
NO.: 37

DATE: 1-8-14

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LEGEND

BREAKER PANEL	
LIGHT	
PLUG INTERCONNECT	
GROUND	
CONNECTOR	



TITLE: HEAD UNIT LIGHT		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 38	DATE: 1-8-14	(260) 724-9111

LEGEND

C-BREAKER PANEL



LIGHT



PLUG INTERCONNECT



SWITCH



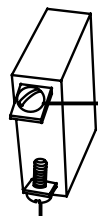
GROUND



CONNECTOR



"EXTERIOR LIGHTS" BREAKER
(DASH BREAKER PANEL)
(REAR VIEW)



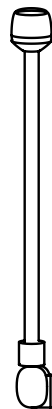
POWER LEAD
(+RED)

POWER LEAD
(+LIGHT BLUE/RED/BLACK)

NAV/ANCH LIGHTS SWITCH
(DASH PANEL)
(REAR VIEW)



MAST/ANCHOR
LIGHT



GROUND
(-BLACK)

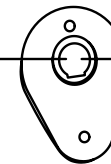
POWER LEAD
(+GRAY/RED)

GROUND
(-BLACK)



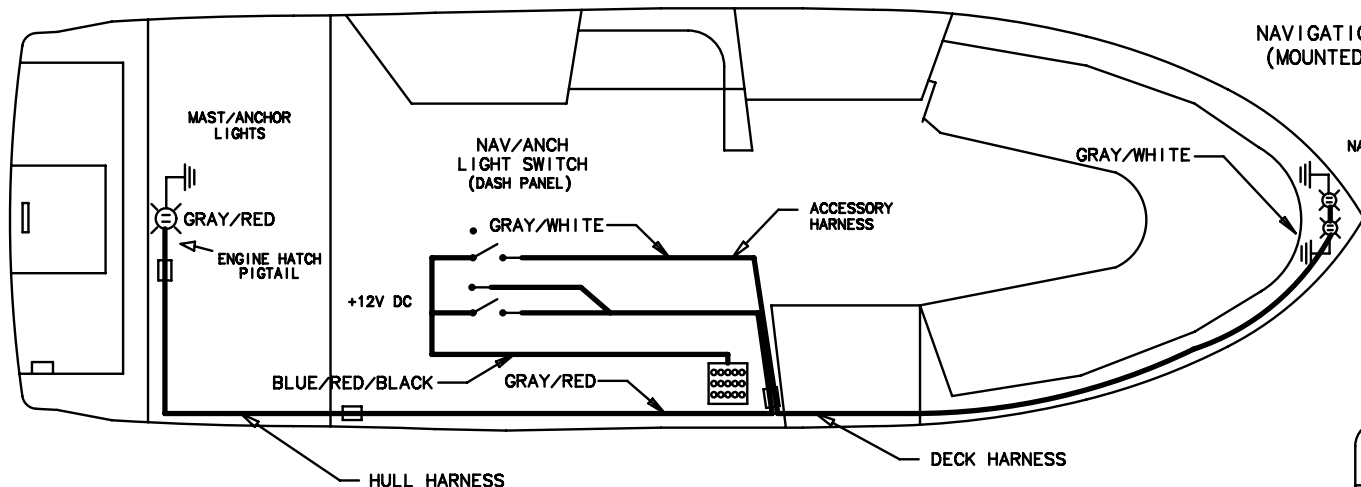
PORT NAVIGATION LIGHT
(REAR VIEW)
(RED LIGHT)

GROUND
(-BLACK)



STBD NAVIGATION LIGHT
(REAR VIEW)
(GREEN LIGHT)

POWER LEAD
(+GRAY/WHITE)



NOTE: FIBERGLASS ARCH OPTION:
NAVIGATION LIGHTS WILL BE
MOUNTED ON THE OUTSIDE OF EITHER
SIDE OF THE ARCH. MAST/ANCHOR
LIGHT WILL MOVE TO TOP CENTER
OF ARCH. THE PIGTAIL WILL RUN
UP THE STBD ARCH LEG.

TO OPERATE:

1. THE AUXILIARY POWER UNDER THE WETBAR MUST BE TURNED ON.
2. THE "EXTERIOR LIGHTS" BUTTON ON THE UNDER DASH BREAKER PANEL, MUST BE PUSHED IN OR CONNECTED.
3. PANEL IS NOW SUPPLIED WITH 12V DC POWER. TURN ON NAV/ANCH LIGHTS SWITCH ON DASH.

TITLE: NAV/ANCH LIGHTS

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 39

DATE: 1-8-14

(260) 724-9111

LEGEND

C-BREAKER
PANEL



LIGHT



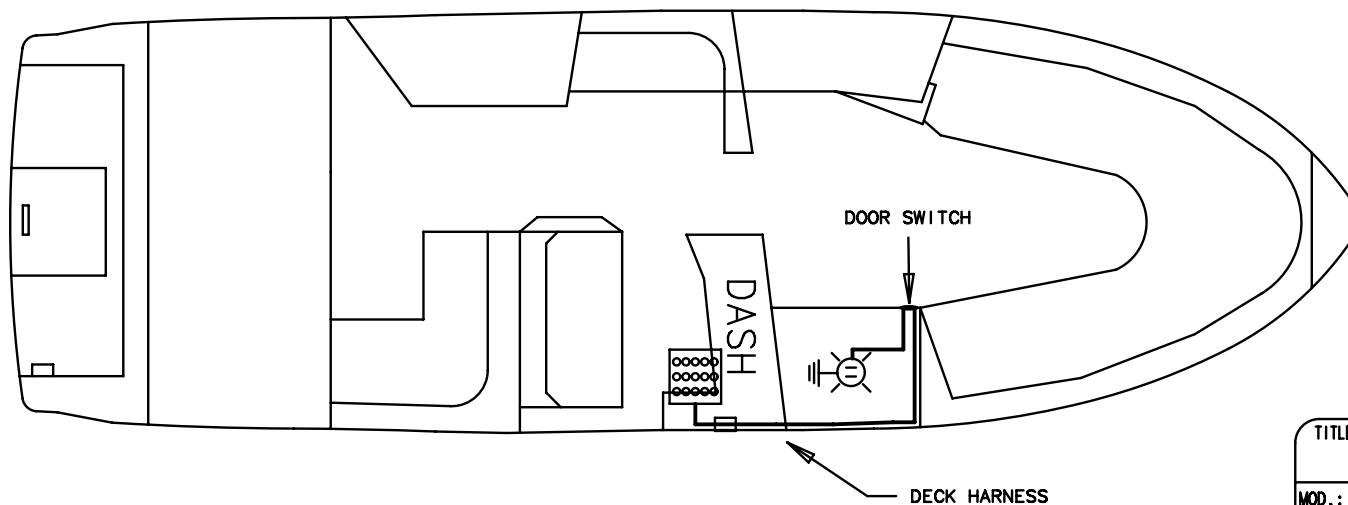
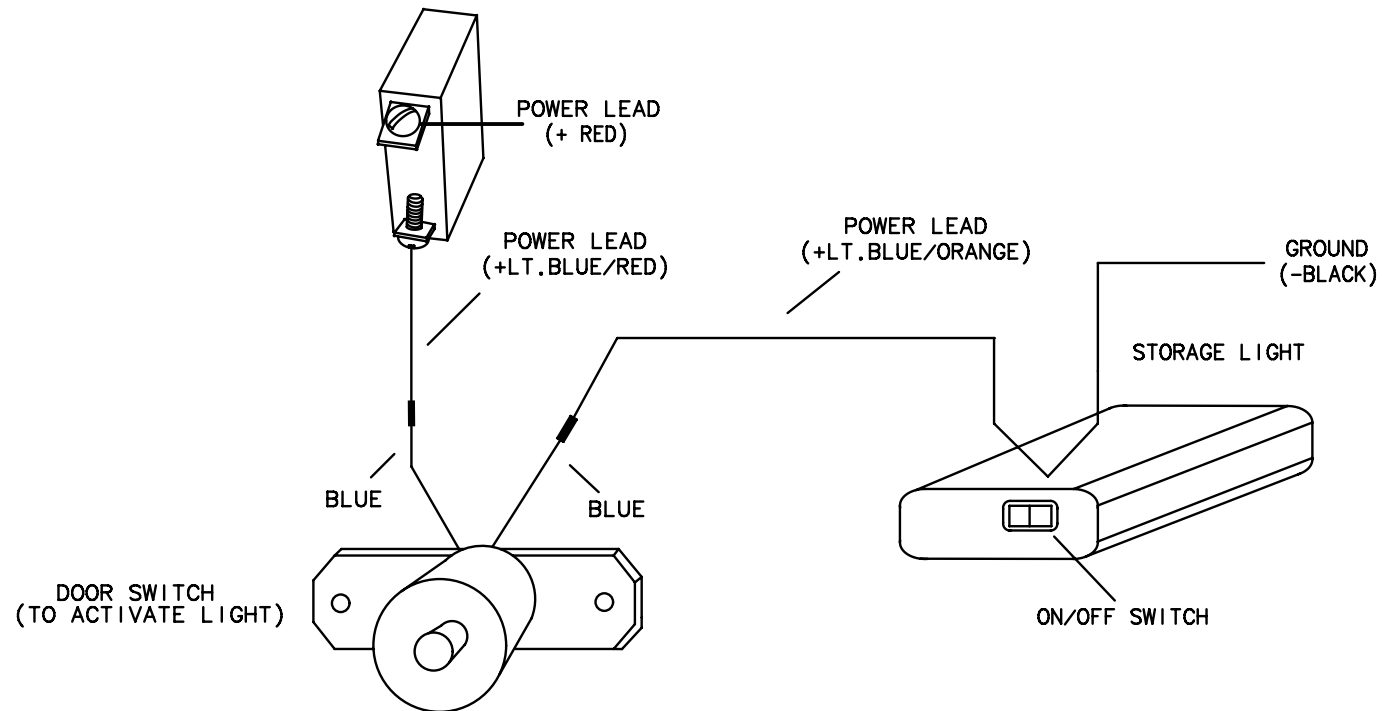
PLUG
INTERCONNECT



GROUND



CABIN LIGHTS BREAKER
DASH BREAKER PANEL
(REAR VIEW)



TITLE: STORAGE LIGHT

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 40

DATE: 1-8-14

(260) 724-9111

LEGEND	
MACERATOR CONTROL	
GROUND	
PLUG INTERCONNECT	
C-BREAKER PANEL	

⊥

10

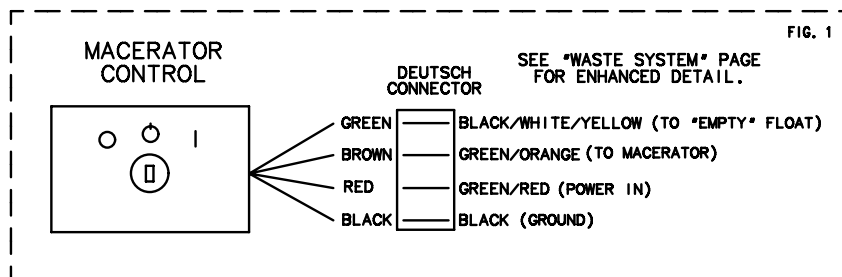


FIG. 1

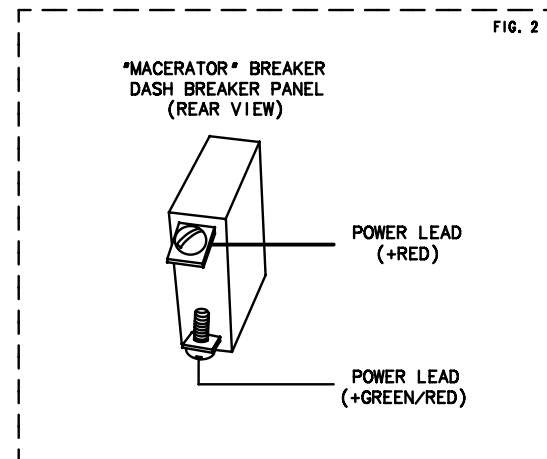
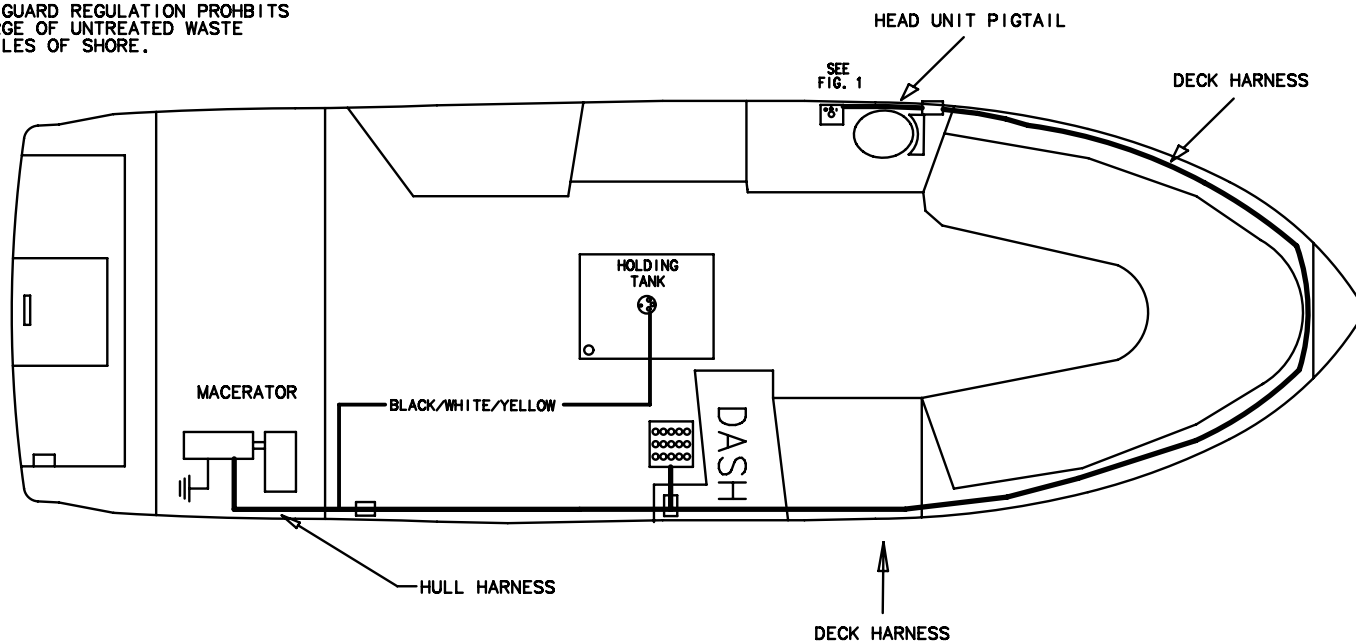


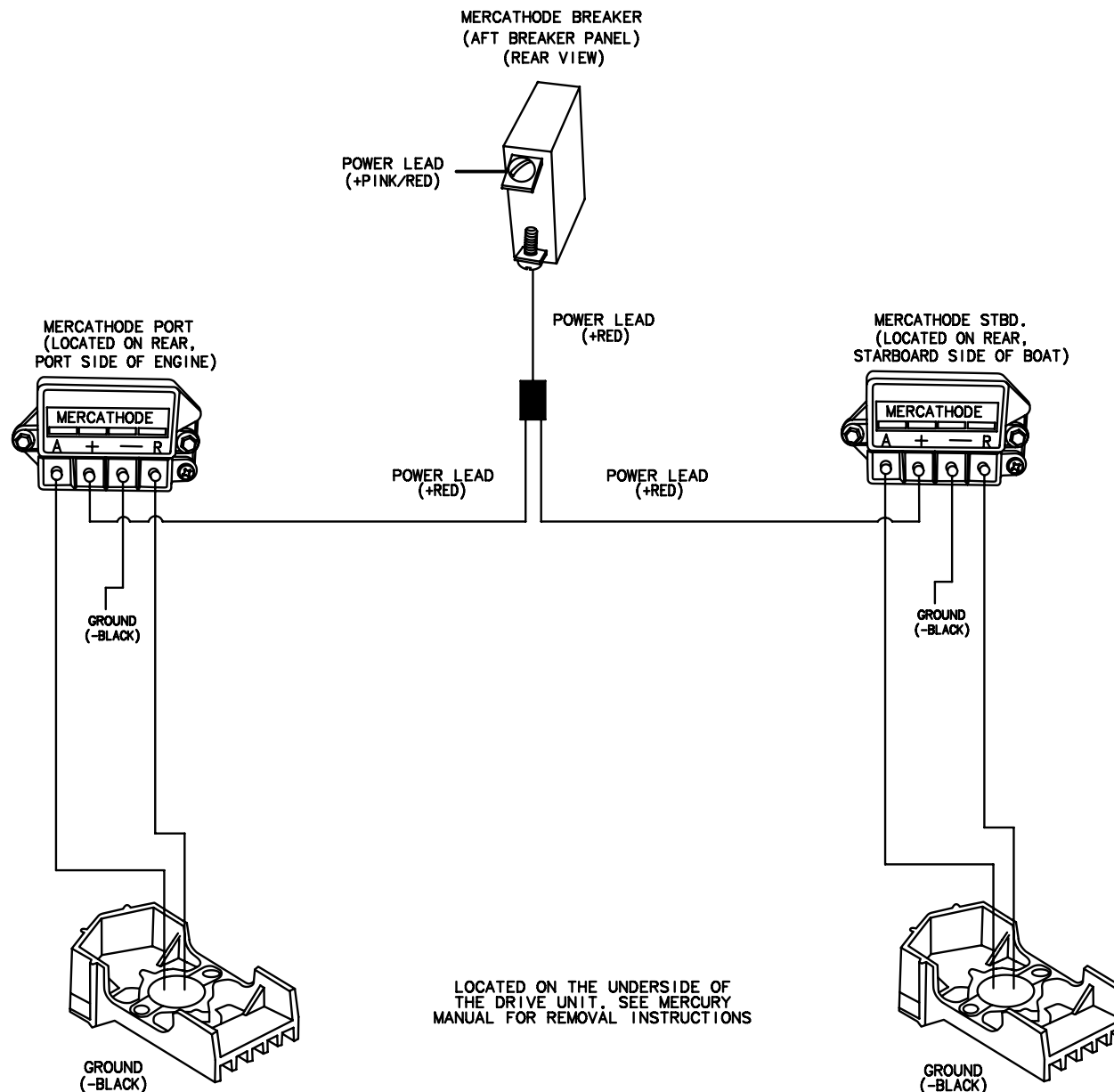
FIG. 2

1. TURN ON AUXILIARY POWER LOCATED UNDER THE WETBAR.
2. MAKE SURE THE 'MACERATOR' BREAKER IS PUSHED IN.
3. OPEN MACERATOR SEACOCK LOCATED IN ENGINE AREA.
4. LOCATE THE 'Y VALVE' ON THE STBD ENGINE WALL. FLIP THE HANDLE SO THE ARROW POINTING AT THE PUMP IS VISIBLE.
5. GO TO THE HEAD UNIT AND TURN THE KEY ALL THE WAY CLOCKWISE AND RELEASE TO ACTIVATE PUMP. PUMP WILL SHUT OFF AUTOMATICALLY.
6. FLIP THE HANDLE ON THE 'Y-VALVE' BACK TO ORIGINAL POSITION.
7. CLOSE SEACOCK.

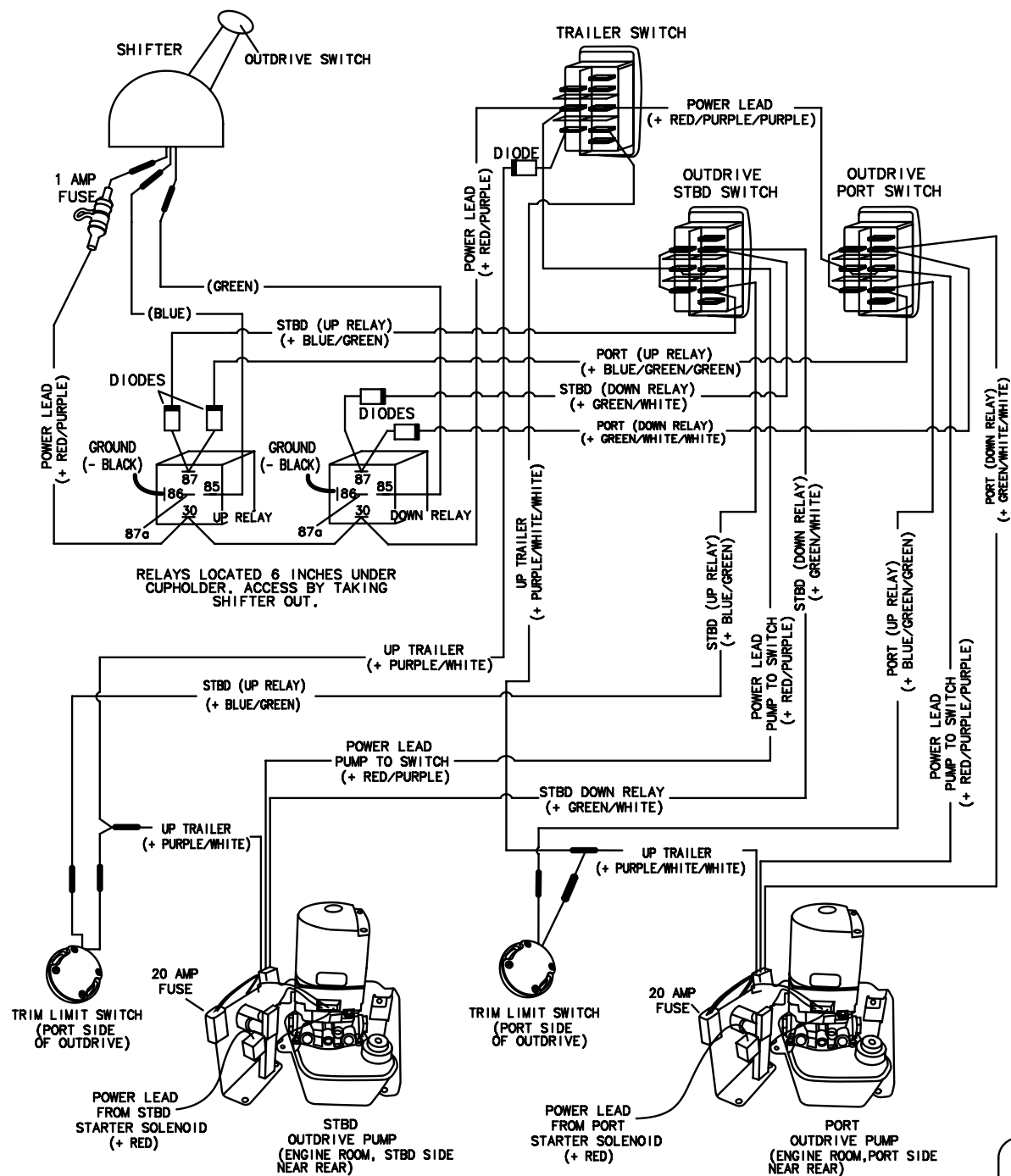
NOTE:
U.S. COAST GUARD REGULATION PROHIBITS
THE DISCHARGE OF UNTREATED WASTE
WITHIN 3 MILES OF SHORE.



TITLE: MACERATOR (ELECTRICAL)		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 41	DATE: 1-8-14	(260) 724-9111



TITLE: MERCATHODE		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 42	DATE: 1-8-14	(260) 724-9111



TITLE: OUTDRIVE PUMP NON-DTS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 43	DATE: 1-8-14	(260) 724-9111

LEGEND

C-BREAKER
PANEL



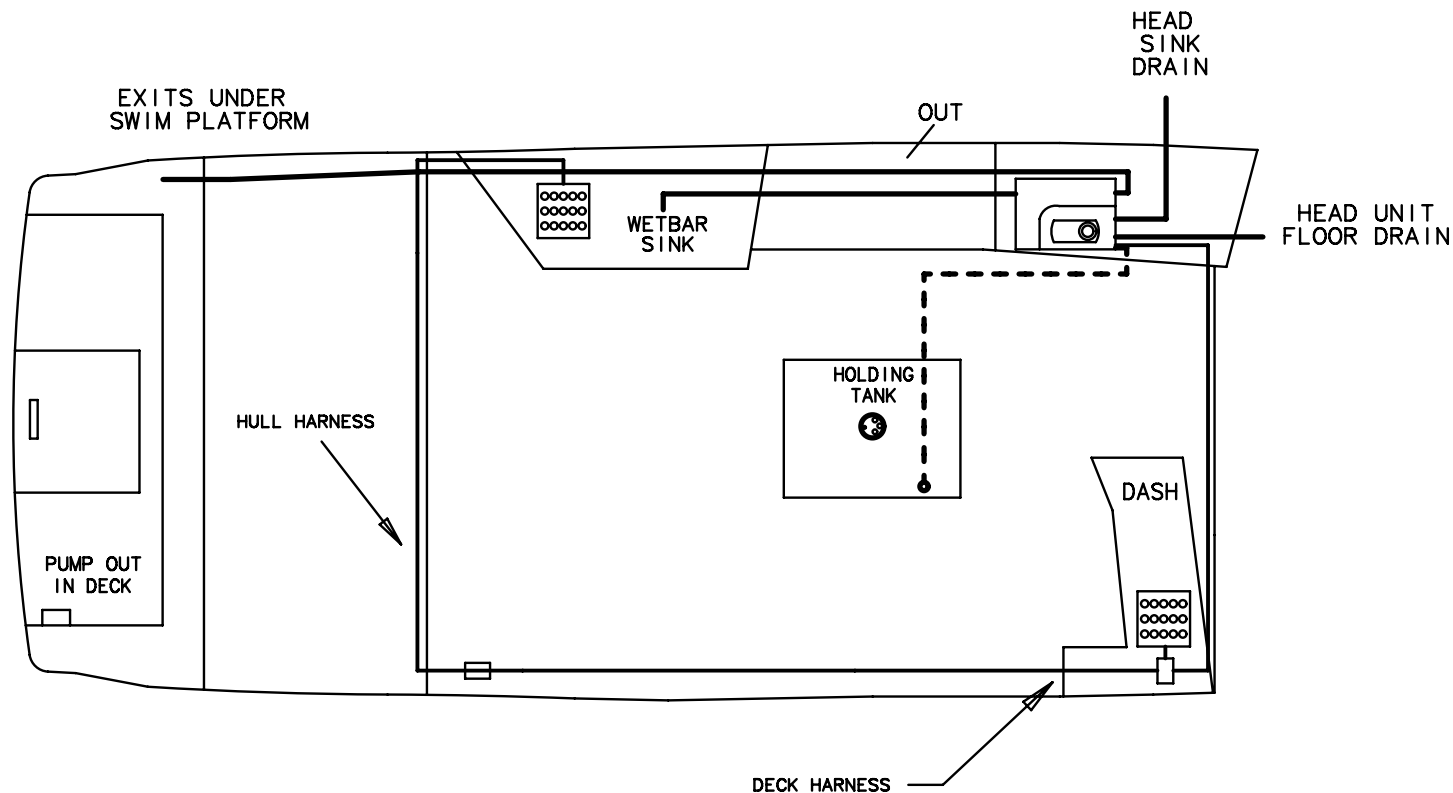
GROUND



PLUG
INTERCONNECT



HOSE ROUTING W/
GREY WATER OPTION



SHOWER SUMP BREAKER
(AFT BREAKER PANEL)
(REAR VIEW)



POWER LEAD
(+PINK/RED)

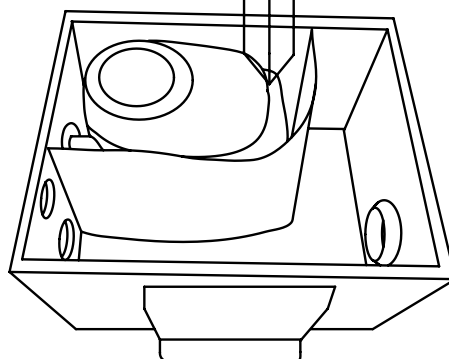
POWER LEAD
(+ RED/GRAY)

GROUND
(-BLACK)

POWER LEAD
(+BROWN)

GROUND
(-BLACK)

NOT USED
(BROWN/WHITE)



ACCESS TO SHOWER SUMP: REMOVE
ACCESS PANEL AT AFT OF THE CENTER
WALK WAY FLOOR STORAGE.

TITLE: SHOWER SUMP

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

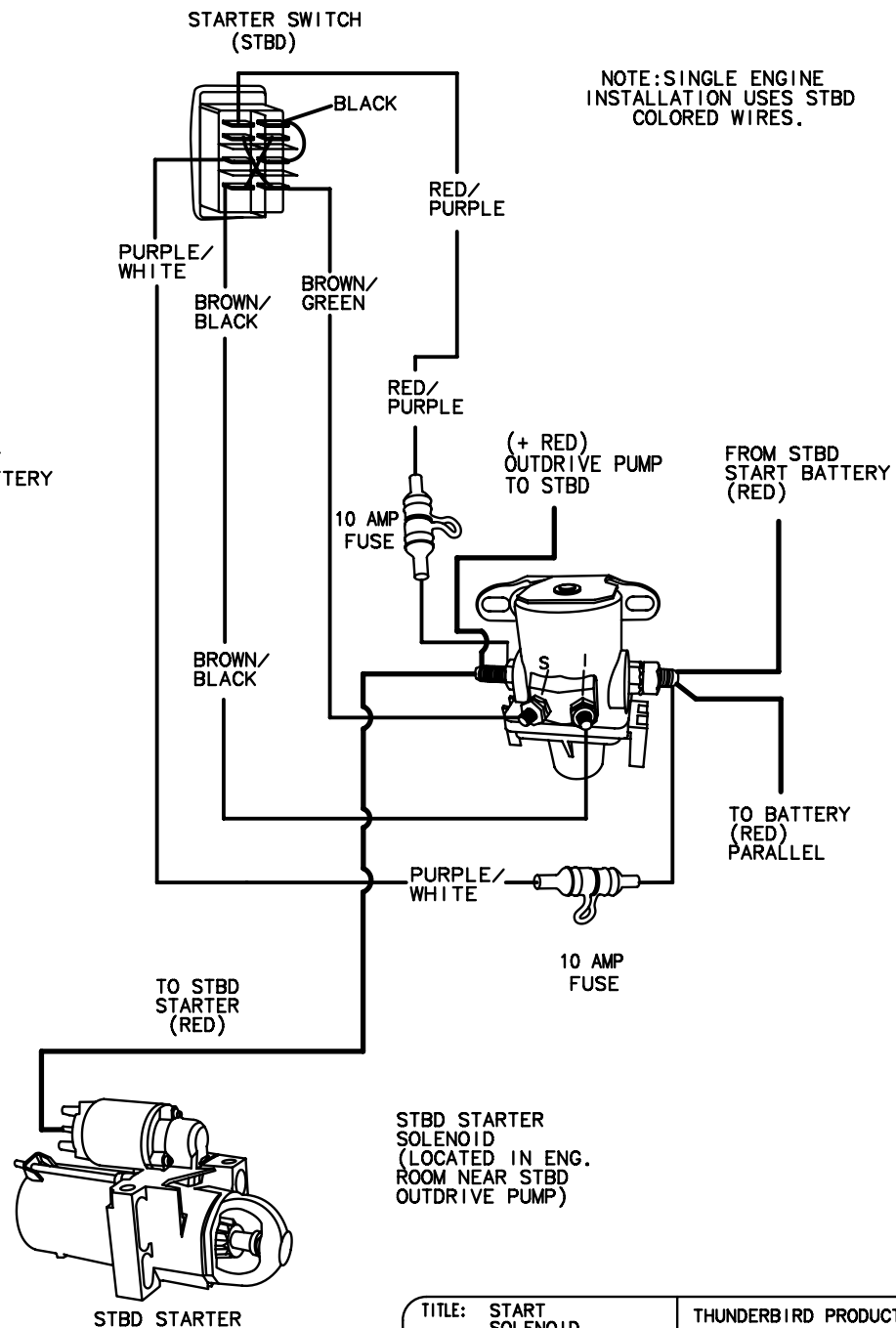
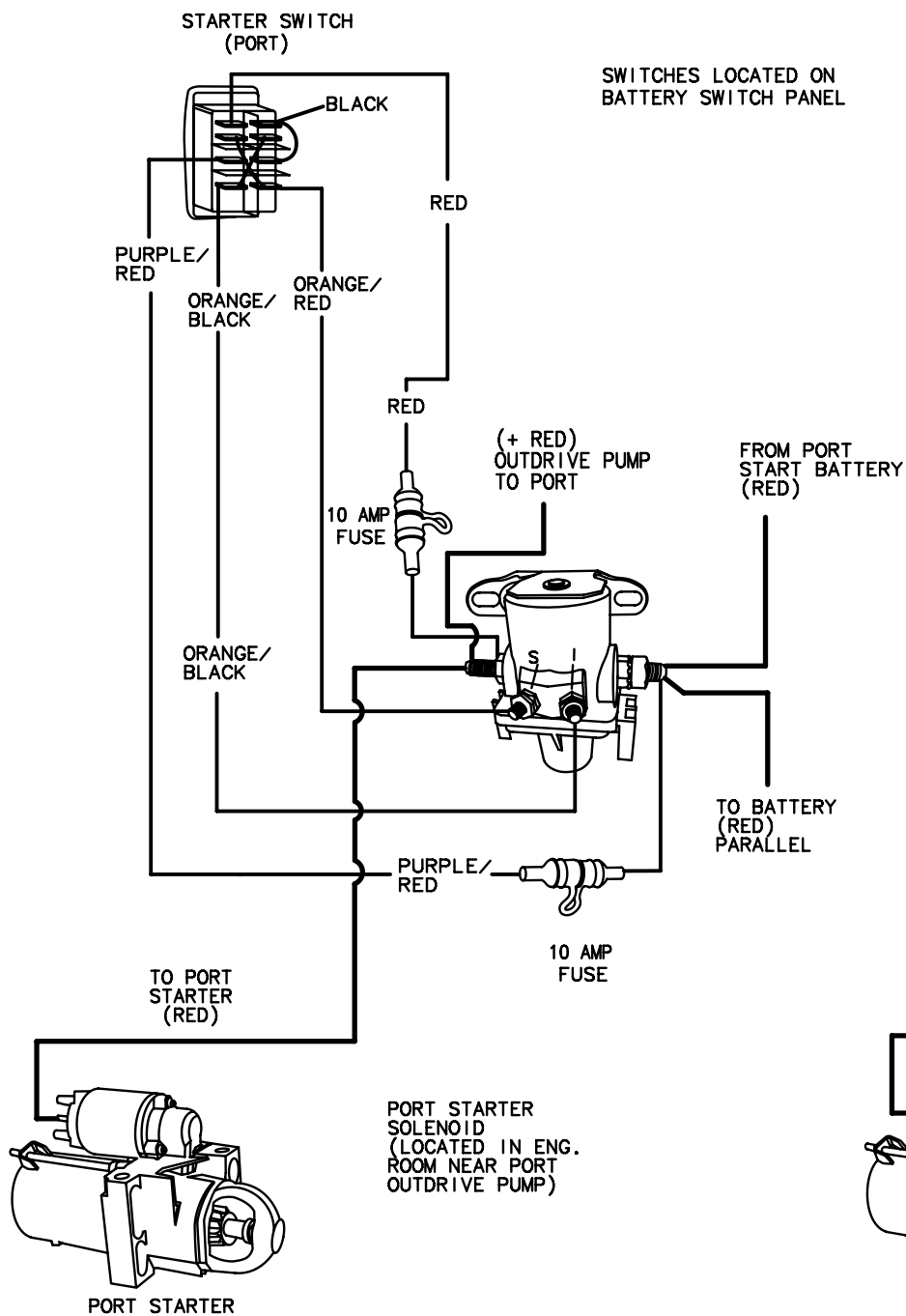
DR BY: KPP

DECATUR IN., 46733

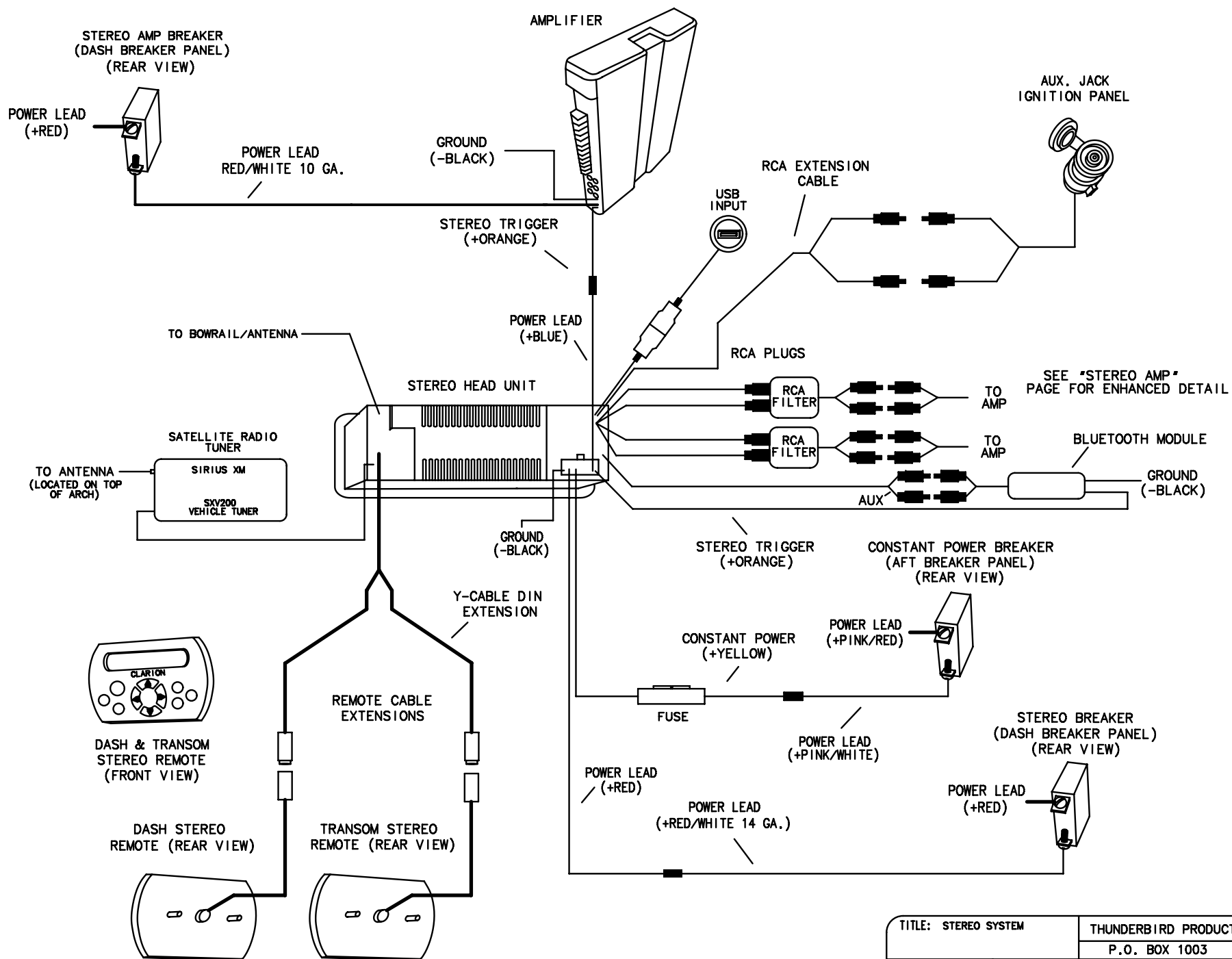
NO.: 44

DATE: 1-8-14

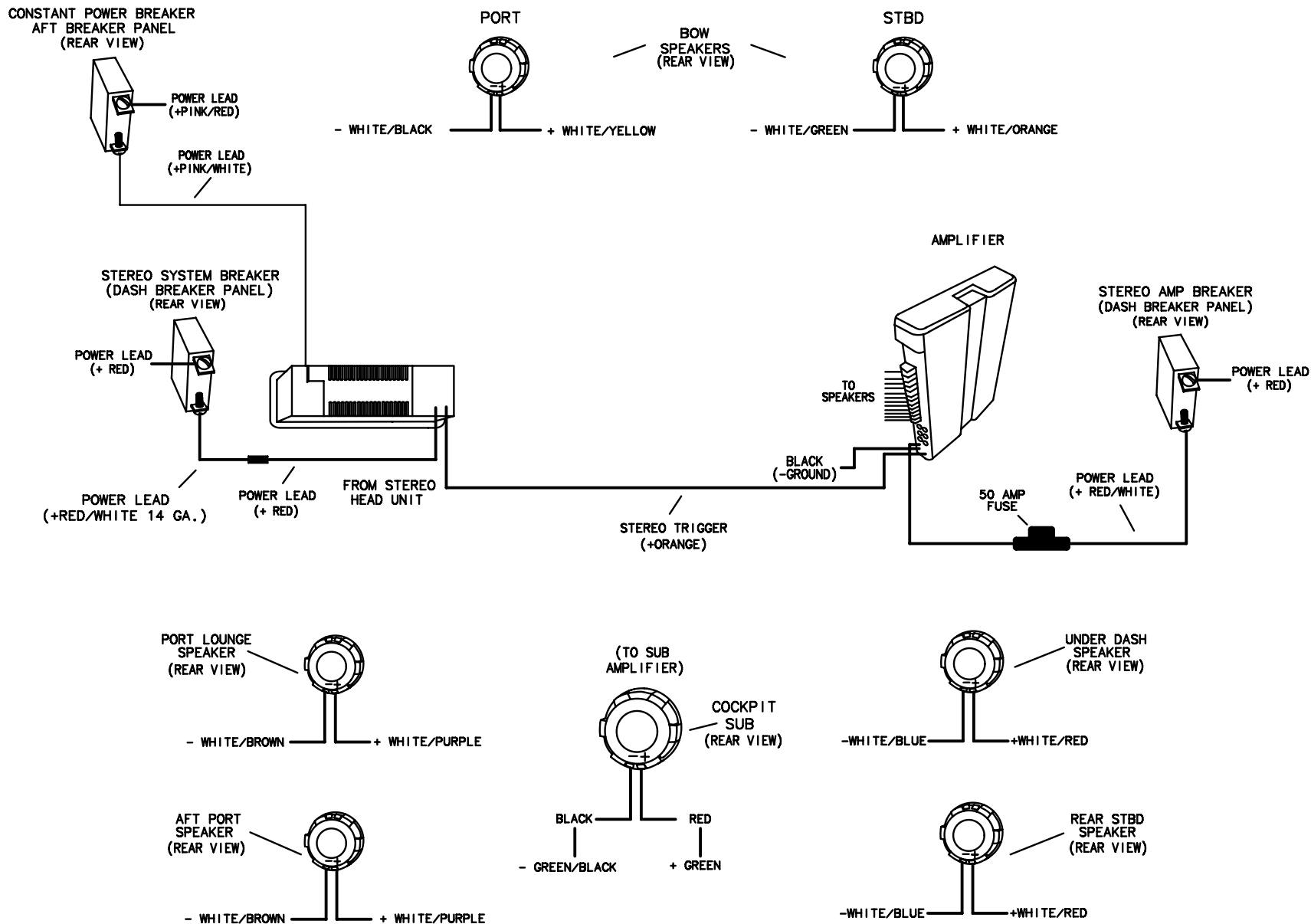
(260) 724-9111



TITLE: START SOLENOID		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 45	DATE: 1-8-14	(260) 724-9111

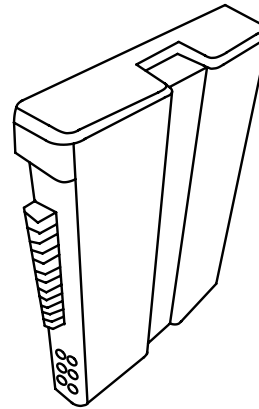


TITLE: STEREO SYSTEM		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 46	DATE: 1-8-14	(260) 724-9111



TITLE: SPEAKERS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 47	DATE: 1-8-14	(260) 724-9111

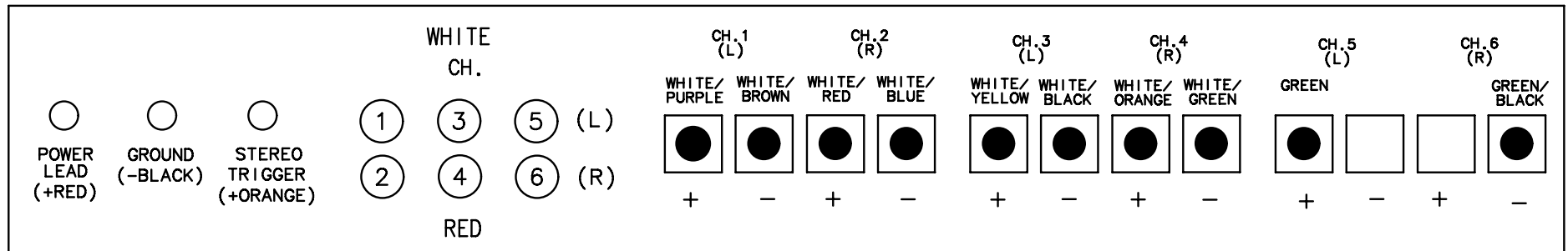
AMPLIFIER



FROM DECK
HARNESS

TO STEREO
HEAD UNIT

TO DECK
HARNESS



TITLE: AMPLIFIER		THUNDERBIRD PRODUCTS	
		P.O. BOX 1003	
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733	
NO.: 48	DATE: 1-8-14	(260) 724-9111	

LEGEND

C-BREAKER
PANEL



PLUG
INTERCONNECT



TRIM TAB BREAKER
(DASH BREAKER PANEL)
(REAR VIEW)

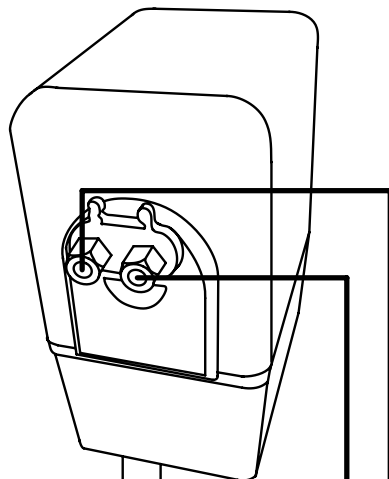


POWER LEAD
(+RED)

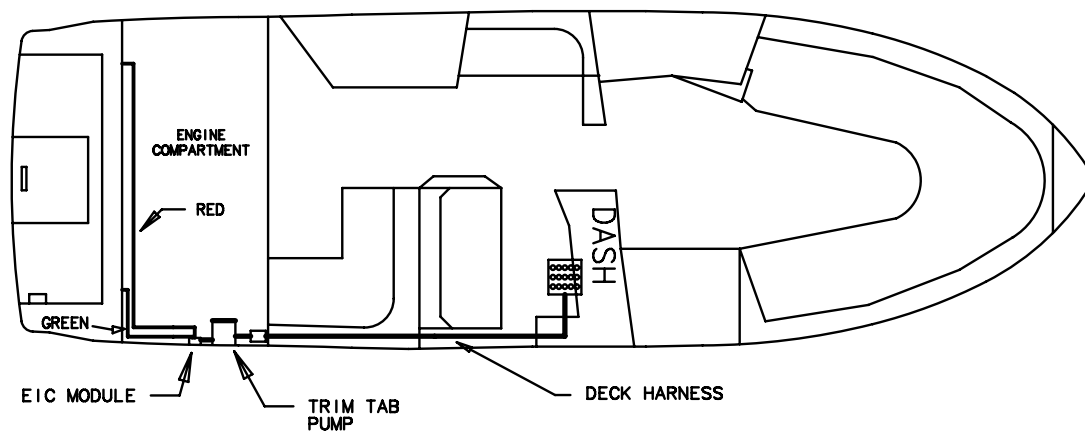
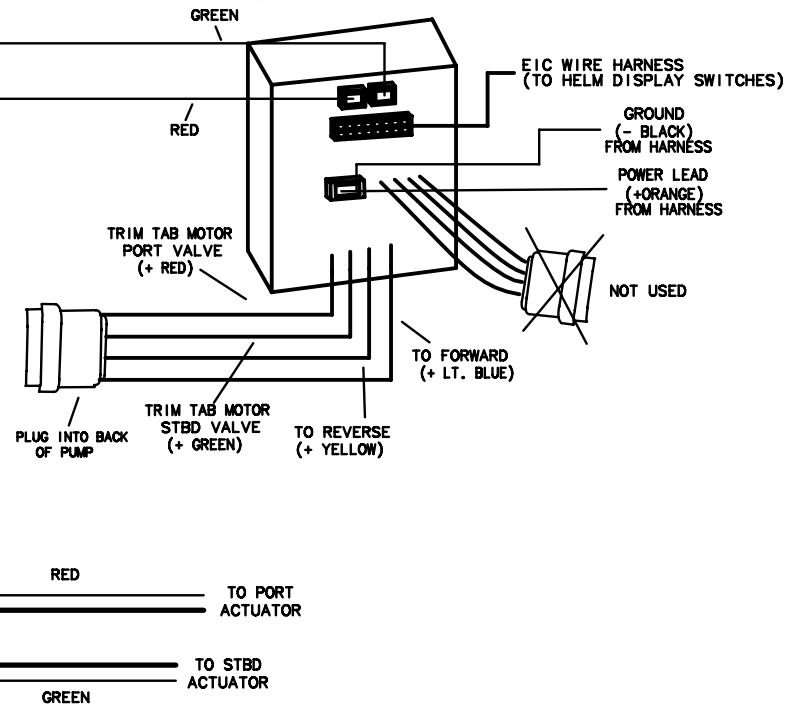
POWER LEAD
(+ORANGE)

GROUND
(- BLACK)
FROM HARNESS

TRIM TABS PUMP
(STBD SIDE)



EIC RELAY MODULE
(LOCATED BESIDE TRIM TAB PUMP)



NOTE:
THE EIC WIRE HARNESS (GRAY)
RUNS WITH THE DECK HARNESS
TO THE TRIM TAB CONTROL
SWITCHES AT THE HELM.

TITLE: TRIM TABS

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 49

DATE: 1-8-14

(260) 724-9111

LEGEND

MOTOR



GROUND



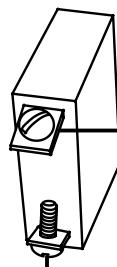
PLUG
INTERCONNECT



BREAKER PANEL

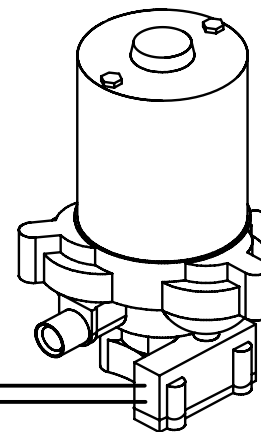


WATER PUMP BREAKER
(DASH BREAKER PANEL)
(REAR VIEW)



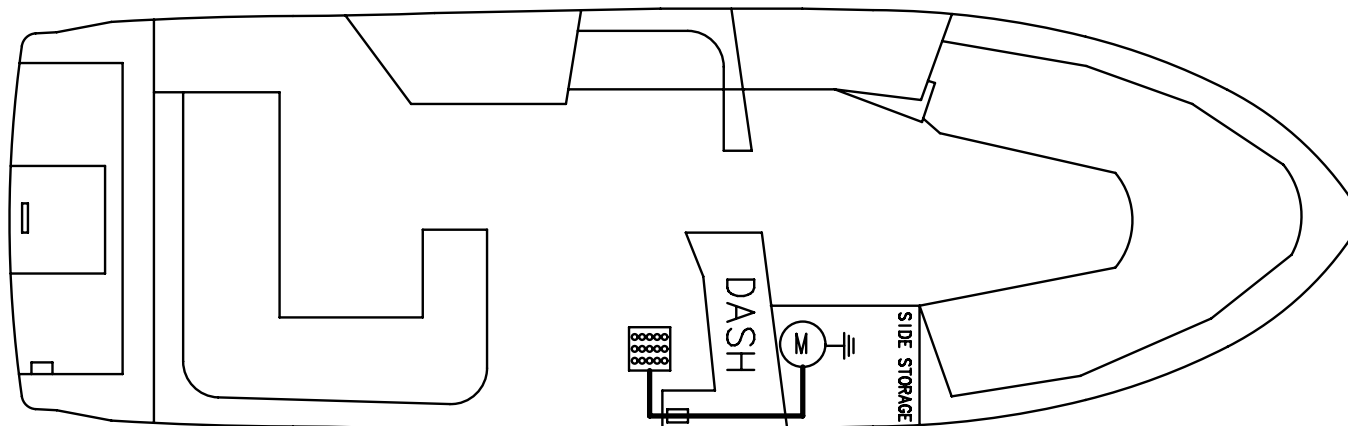
POWER LEAD
(+RED)

GROUND
(-BLACK)



WATER PUMP

POWER LEAD
(+BROWN/BLACK)



NOTE: ACCESS TO WATER PUMP IS LOCATED AT THE AFT
OF SIDE STORAGE NEAR THE FLOOR.

TITLE: WATER PUMP
(ELECTRICAL)

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 52

DATE: 1-8-14

(260) 724-9111

LEGEND

C-BREAKER
PANEL



MOTOR



PLUG
INTERCONNECT



SWITCH



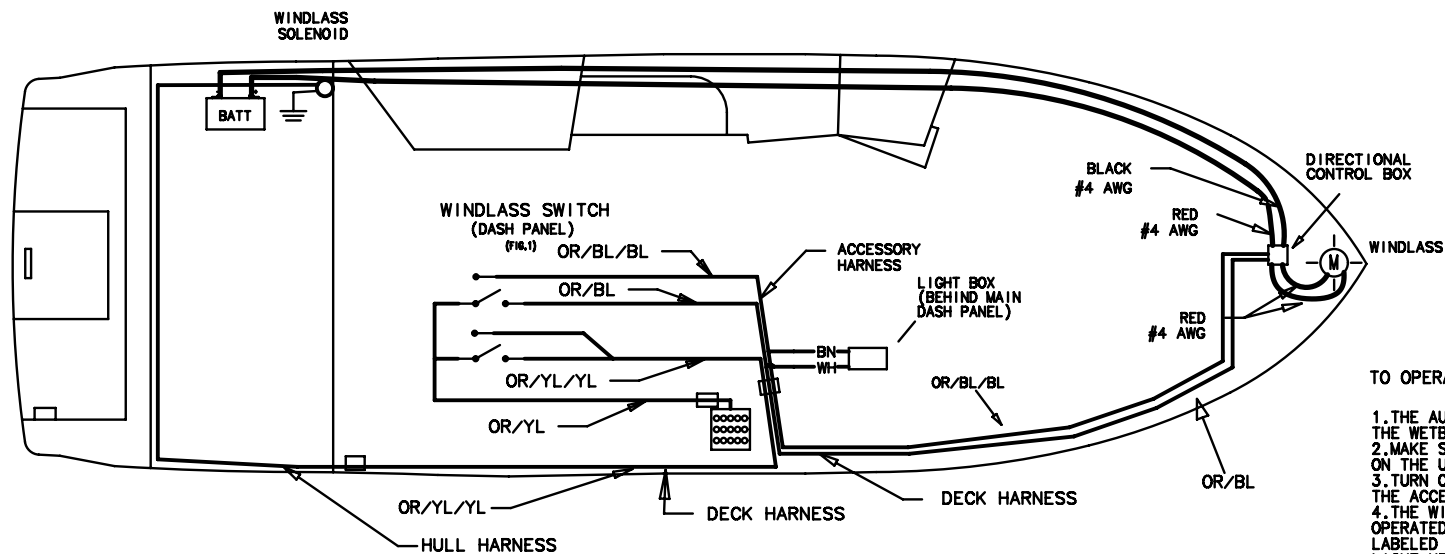
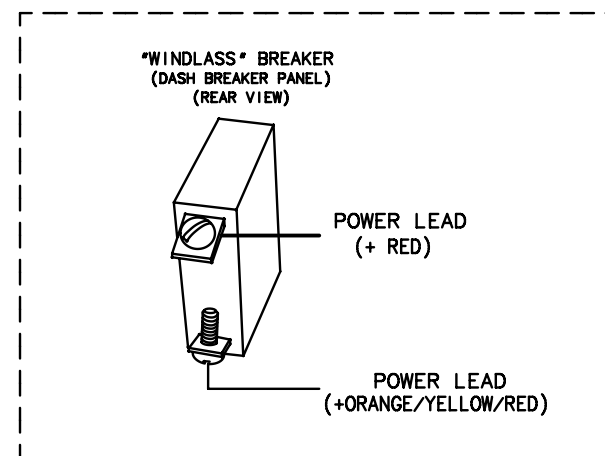
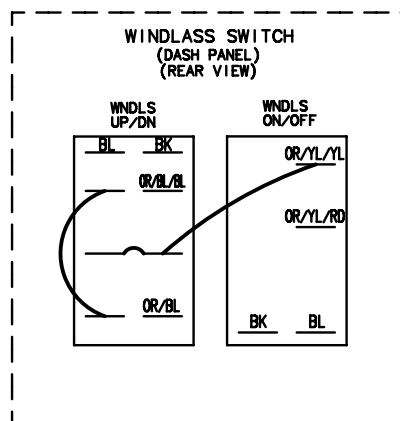
GROUND



BATTERY



CODE	COLOR	STRIPE	STRIPE
BK	BLACK		
BL	BLUE		
RD	RED		
BN	BROWN		
GY	GRAY		
YL	YELLOW		
WH	WHITE		
TN/GY	TAN	GRAY	
OR/BL	ORANGE	BLUE	
OR/BL/BL	ORANGE	BLUE	BLUE
OR/YL/YL	ORANGE	YELLOW	YELLOW
OR/YL/RD	ORANGE	YELLOW	RED



TO OPERATE:

1. THE AUXILIARY POWER SWITCH UNDER THE WETBAR MUST BE TURNED 'ON.'
2. MAKE SURE THE 'WINDLASS' BREAKER ON THE UNDER DASH BREAKER IS PUSHED IN.
3. TURN ON THE 'WINDLASS' SWITCH ON THE ACCESSORY PANEL.
4. THE WINDLASS NOW HAS POWER. IT CAN BE OPERATED WITH THE ACCESSORY SWITCHED LABELED 'WINDLASS UP/DN'. THE COURTESY LIGHT KEY FOB, OR THE BUTTONS JUST TO THE STARBOARD OF THE WINDLASS MOTOR.

TITLE: WINDLASS

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

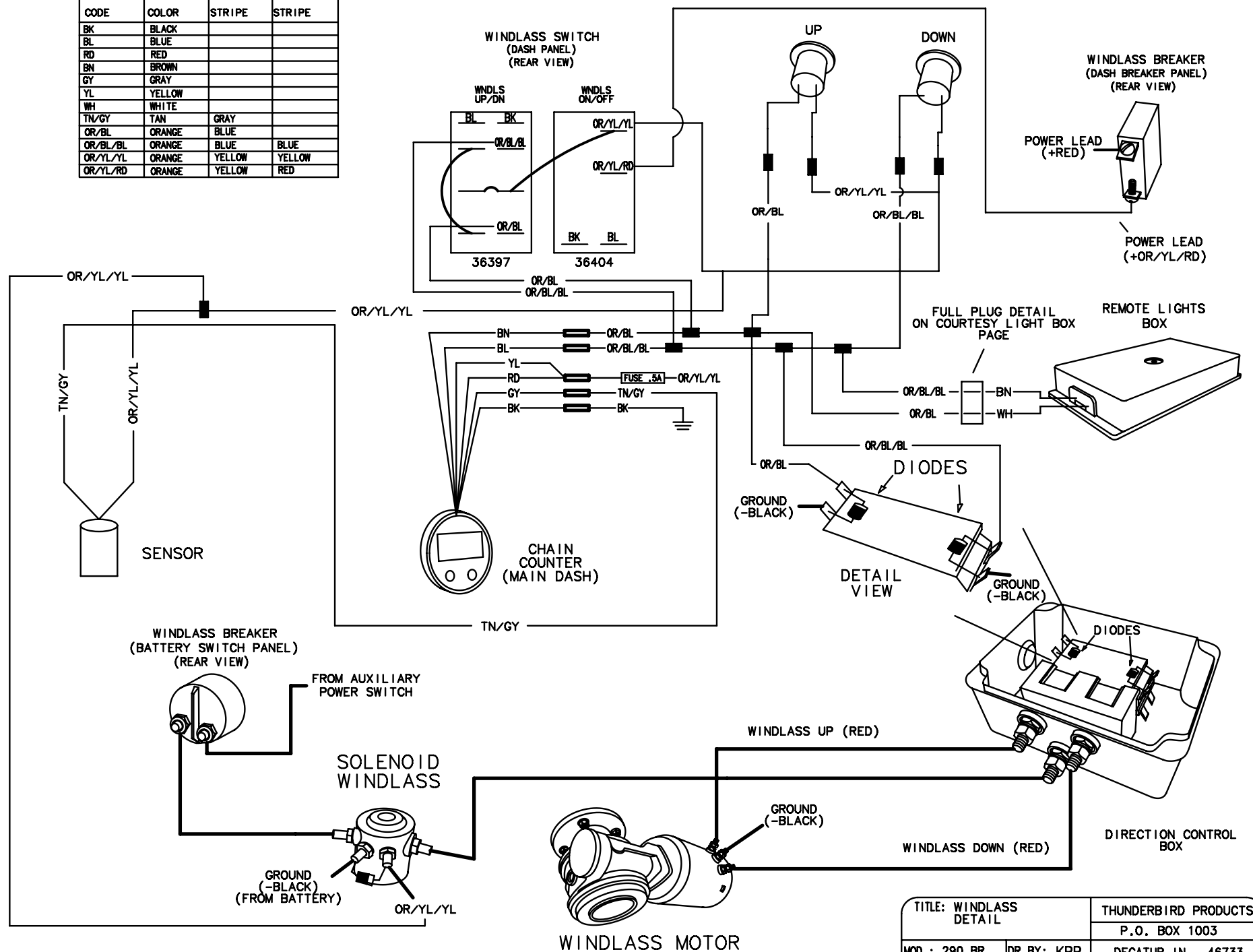
DECATUR IN., 46733

NO.: 53

DATE: 1-8-14

(260) 724-9111

CODE	COLOR	STRIPE	STRIPE
BK	BLACK		
BL	BLUE		
RD	RED		
BN	BROWN		
GY	GRAY		
YL	YELLOW		
WH	WHITE		
TN/GY	TAN	GRAY	
OR/BL	ORANGE	BLUE	
OR/BL/BL	ORANGE	BLUE	BLUE
OR/YL/YL	ORANGE	YELLOW	YELLOW
OR/YL/RD	ORANGE	YELLOW	RED



TITLE: WINDLASS DETAIL		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 54	DATE: 1-8-14	(260) 724-9111

LEGEND

C-BREAKER
PANEL



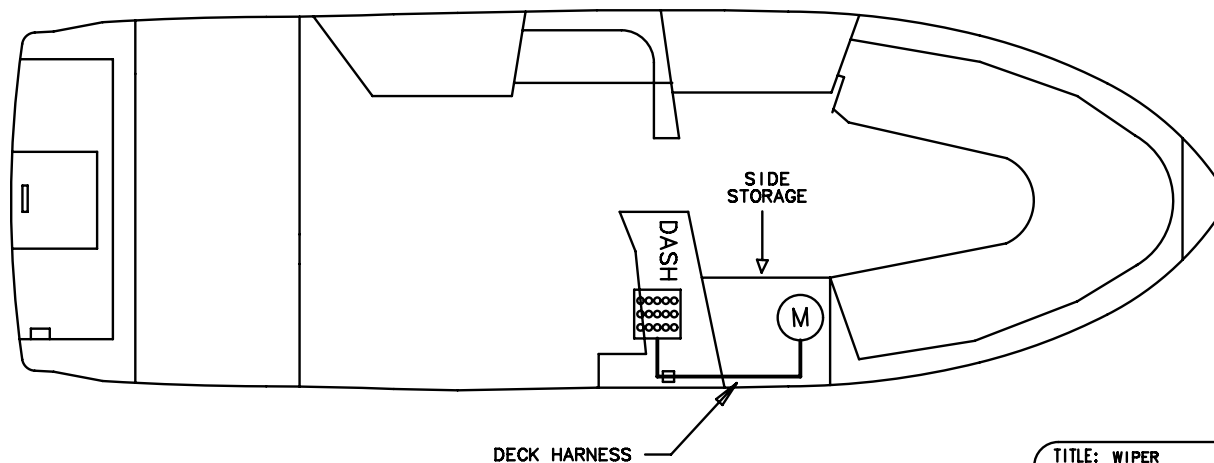
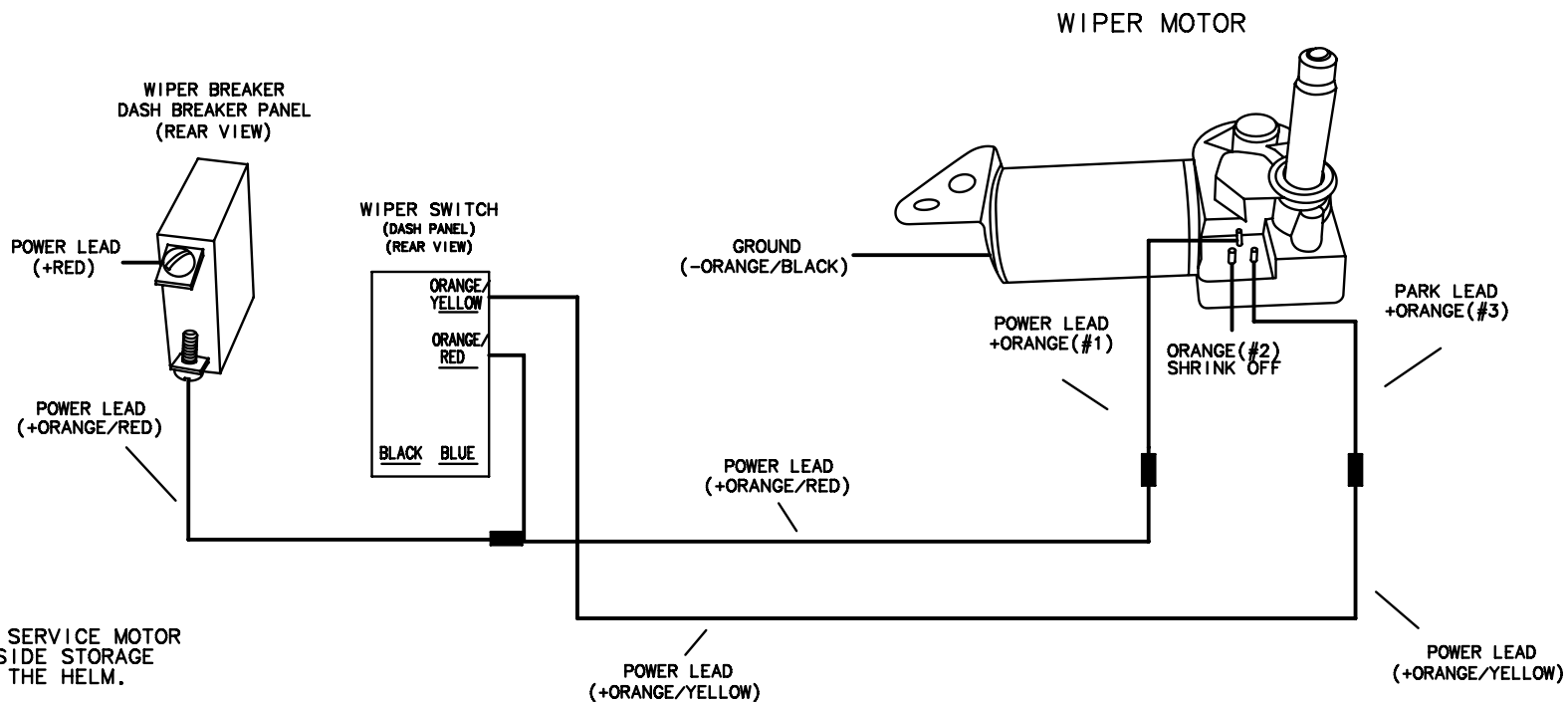
MOTOR



PLUG
INTERCONNECT



CONNECTOR



TITLE: WIPER

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 55

DATE: 1-8-14

(260) 724-9111

LEGEND

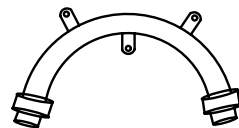
MOTOR/PUMP



BILGE HOSE 1 1/8"

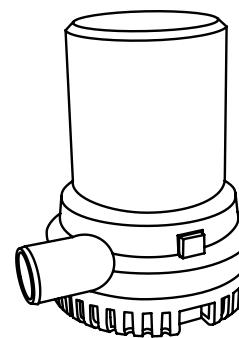


ANTI
SIPHON
LOOP



RULE 2000 PUMP
(ENGINE BILGE)

BILGE PUMP
(ENGINE BILGE)



BILGE PUMP
RELAY

BILGE PUMP



DASH

HOSE, BILGE 1 1/8" ID

ANTI SIPHON LOOP

ENGINE BILGE DRAINS THROUGH
THE BOTTOM SIDE OF THE
SWIM PLATFORM.

TITLE: BILGE PUMP
PLUMBING

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 56

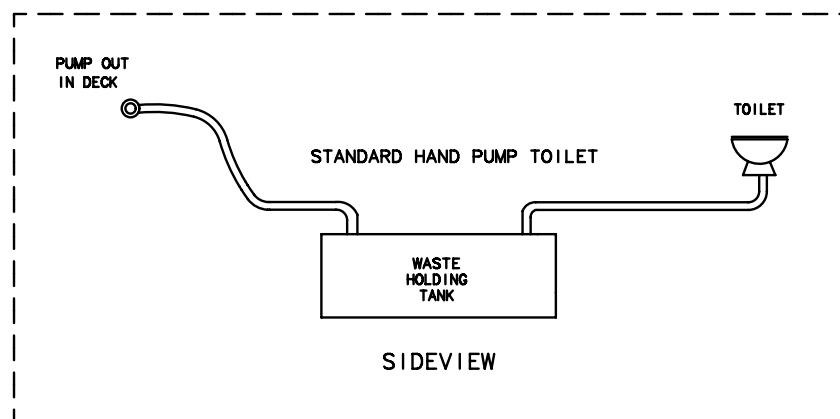
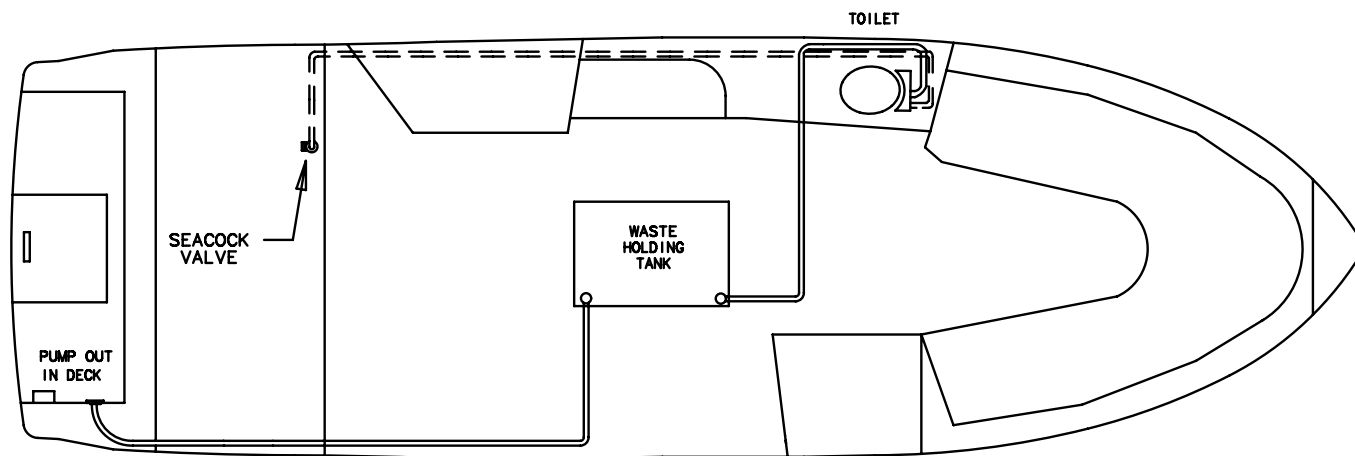
DATE: 1-8-14

(260) 724-9111

LEGEND

1 1/4 INCH
SANITATION HOSE

RAW WATER LINE



TITLE: STANDARD HAND PUMP TOILET		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 57	DATE: 1-8-14	(260) 724-9111

LEGEND

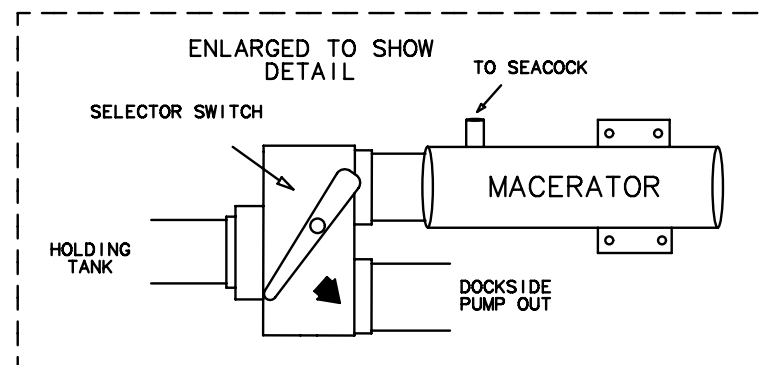
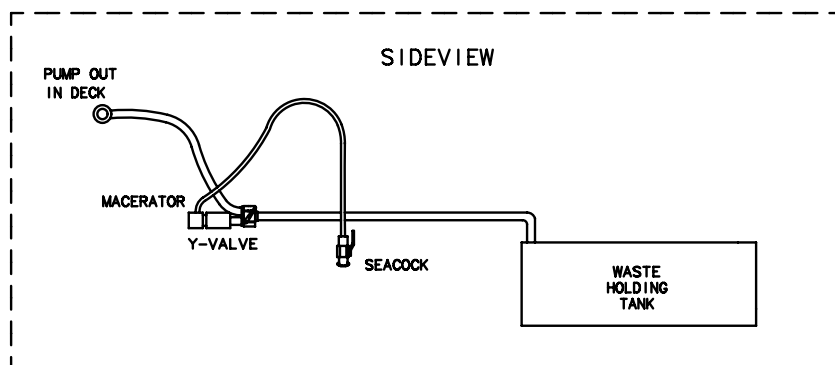
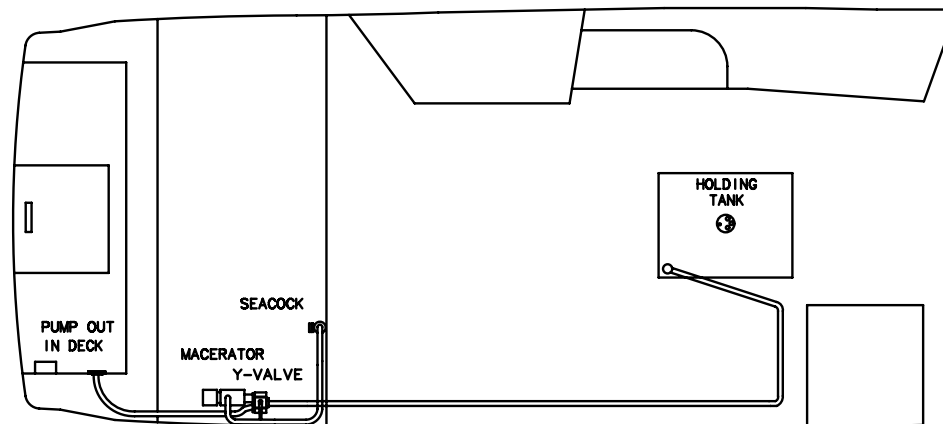
1 1/4 INCH
SANITATION HOSE

TO OPERATE:

1. TURN ON AUXILIARY POWER LOCATED UNDER THE WETBAR.
2. MAKE SURE THE 'MACERATOR' BREAKER IS PUSHED IN.
3. OPEN MACERATOR SEACOCK LOCATED IN ENGINE AREA.
4. LOCATE THE 'Y VALVE' ON THE STBD ENGINE WALL. FLIP THE HANDLE SO THE ARROW POINTING AT THE PUMP IS VISIBLE.
5. GO TO THE HEAD UNIT AND TURN THE KEY ALL THE WAY CLOCKWISE AND RELEASE TO ACTIVATE PUMP. PUMP WILL SHUT OFF AUTOMATICALLY.
6. FLIP THE HANDLE ON THE 'Y-VALVE' BACK TO ORIGINAL POSITION.
7. CLOSE SEACOCK.

NOTE:

U.S. COAST GUARD REGULATION PROHIBITS THE DISCHARGE OF UNTREATED WASTE WITHIN 3 MILES OF SHORE.



TITLE: MACERATOR (PLUMBING)		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 58	DATE: 1-8-14	(260) 724-9111

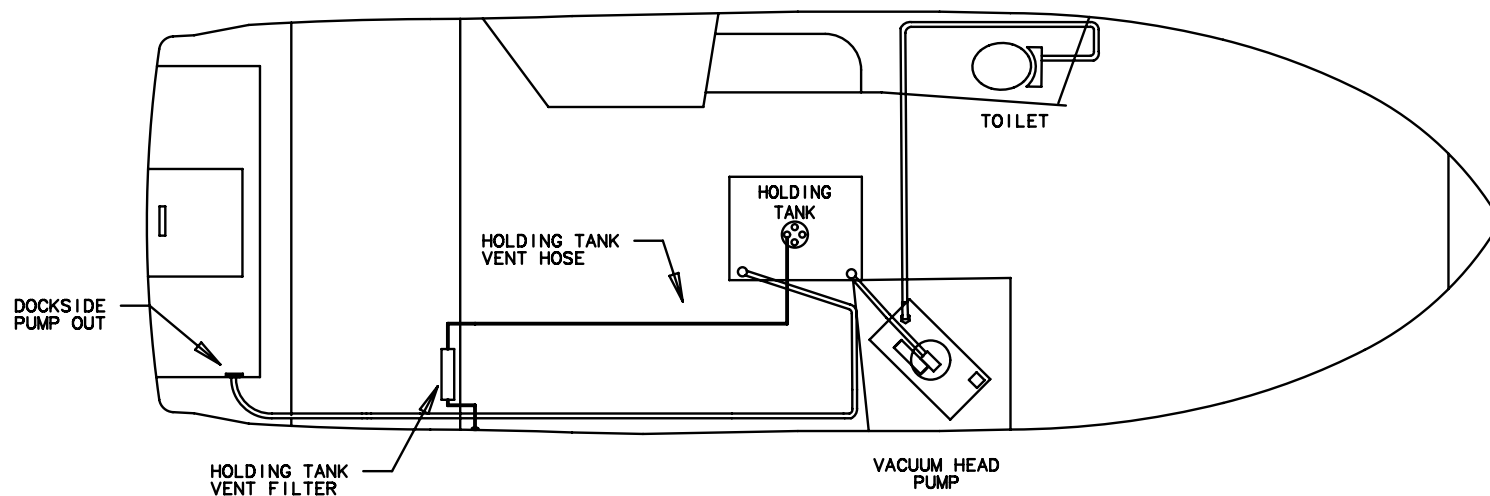
LEGEND

1 1/4 INCH
SANITATION HOSE

FLOAT SWITCH



ACCESS TO HOLDING TANK AND
VACUUM PUMP BY REMOVING WALL AT
AFT OF THE CENTER FLOOR STORAGE.



TITLE: VACUFLUSH HEAD
(PLUMBING)

THUNDERBIRD PRODUCTS

P.O. BOX 1003

MOD.: 290 BR

DR BY: KPP

DECATUR IN., 46733

NO.: 59

DATE: 1-8-14

(260) 724-9111

LEGEND

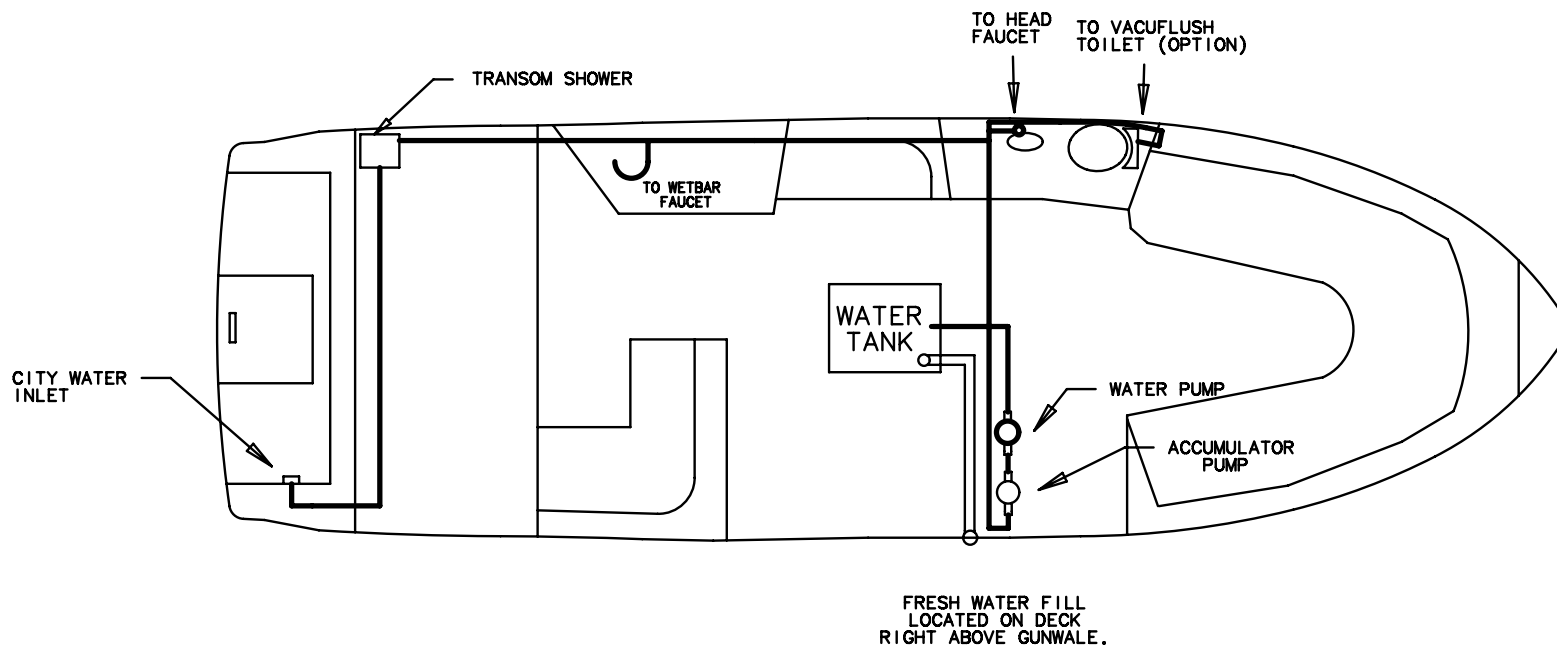
WATER LINE 15MM

WATER FILL HOSE

TO FLUSH WATER SYSTEM:

OPEN FAUCET FURTHEST AWAY FROM WATER TANK AND TURN ON WATER PUMP, THIS WILL DRAIN ANY EXCESS ANTIFREEZE FROM THE SYSTEM. ONCE FLOW IS LOST TURN OFF WATER PUMP AND FILL FRESH WATER TANK WITH FRESH WATER. AGAIN OPEN THE FAUCET FURTHEST AWAY FROM WATER TANK AND RUN UNTIL WATER IS CLEAR AND ODOR FREE, THIS MAY TAKE A FEW TANKS. ONCE CLEAN WATER IS FLOWING FROM FAUCET, OPEN EACH REMAINING FAUCET INDIVIDUALLY UNTIL CLEAN WATER IS FLOWING FROM FAUCET.

NOTE:
WATER TANK
CAPACITY 20 GALLONS

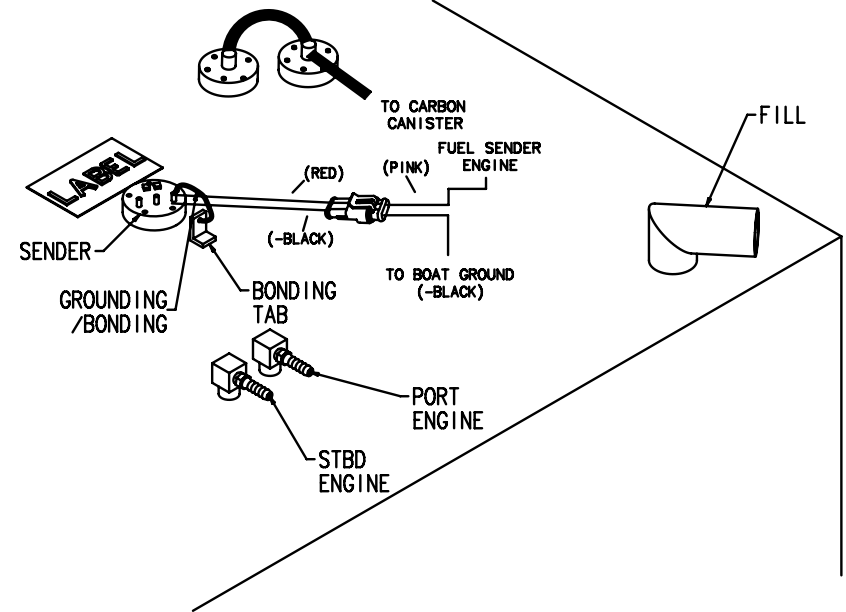
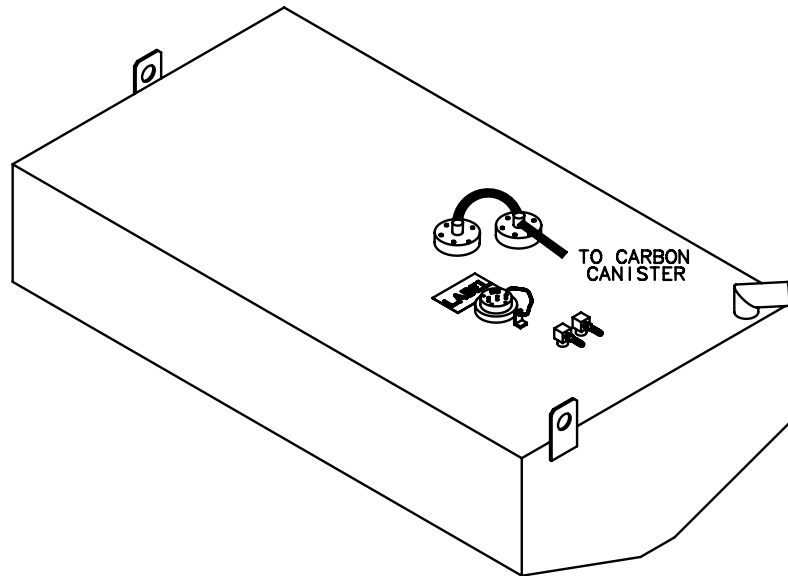


ACCESS WATER TANK
THROUGH FLOOR STORAGE.
THEN REMOVE WALL AT AFT
OF STORAGE.

ACCESS DOOR FOR WATER PUMP
IS LOCATED IN THE AFT SECTION
OF THE STARBOARD STORAGE, FORWARD
OF THE HELM.

TITLE: WATER SYSTEM (PLUMBING)		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 60	DATE: 1-8-14	(260) 724-9111

110 GAL. FUEL TANK



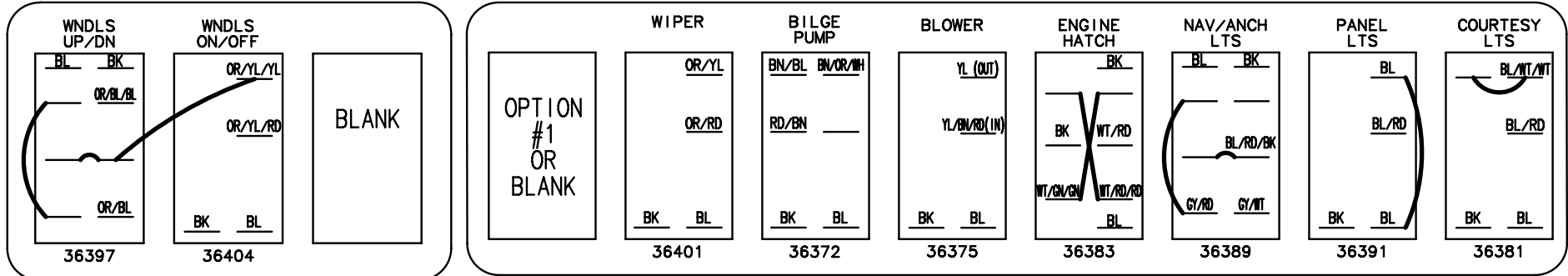
PORT
ENGINE

STBD
ENGINE

FUEL TANK

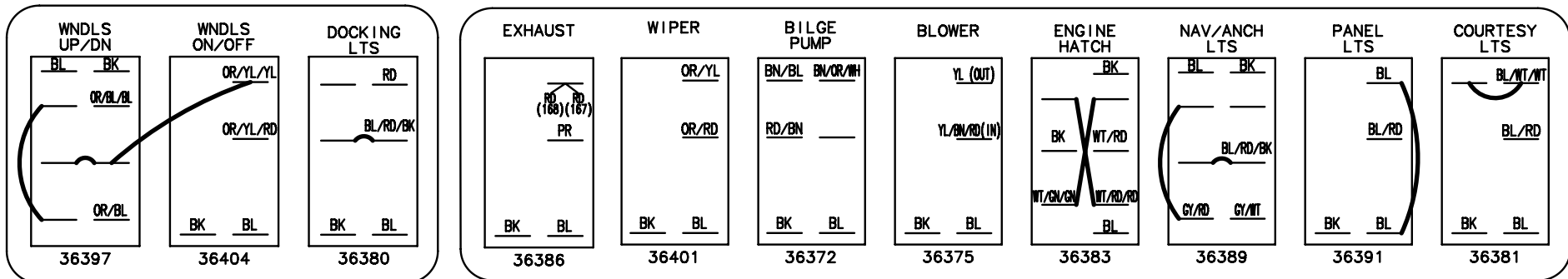
TITLE: FUEL SYSTEM		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 61	DATE: 1-8-14	(260) 724-9111

REAR VIEW

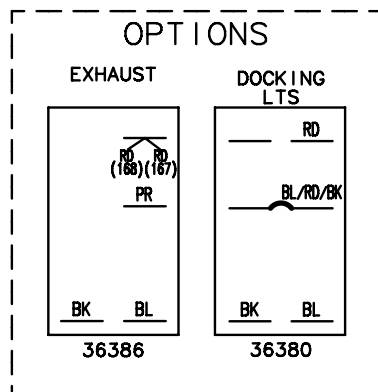


BLANKS ----->

WINDLASS OPTION (WITH/WITHOUT 1 ADDITIONAL OPTION)



WINDLASS OPTION WITH DOCKING LTS, EXHAUST



WIRE IDENTIFICATION			
WIRE COLOR	STRIPE	STRIPE	ABBREVIATION
BROWN	ORANGE	WHITE	BN/OR/WH

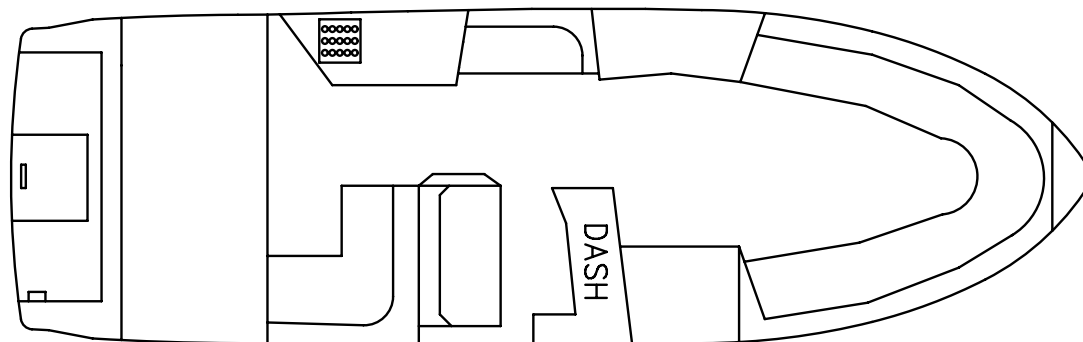
CODE	COLOR
BK	BLACK
BL	BLUE
RD	RED
PR	PURPLE
YL	YELLOW
GY	GRAY
BN	BROWN
OR	ORANGE
WH	WHITE
GN	GREEN

TITLE: ACCESSORY PANEL		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 63	DATE: 1-8-14	(260) 724-9111

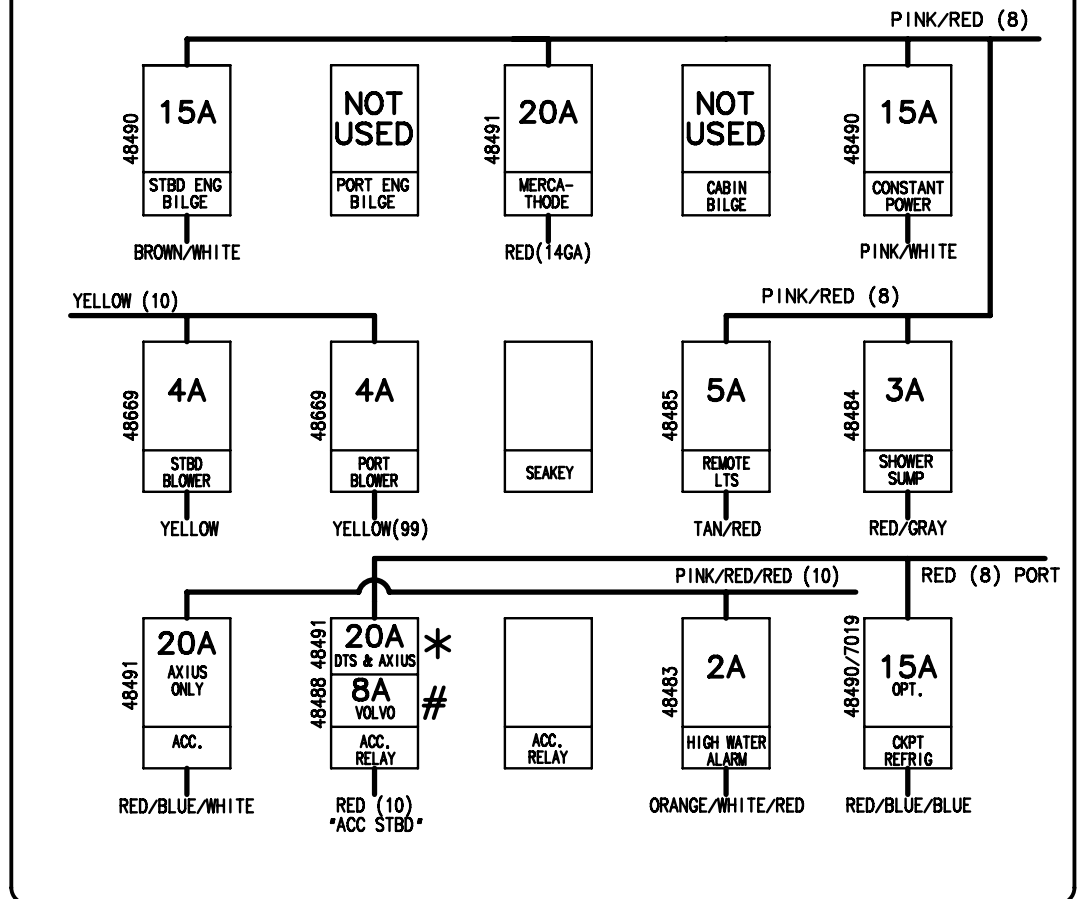
* STBD DTS CIRCUIT
BREAKER IS USED WITH
ALL GAS DTS ENGINES.

USED ONLY WITH
E-SERIES VOLVO EVC
OR DIESEL ENGINES.

AFT BREAKER PANEL
LOCATED UNDER WETBAR



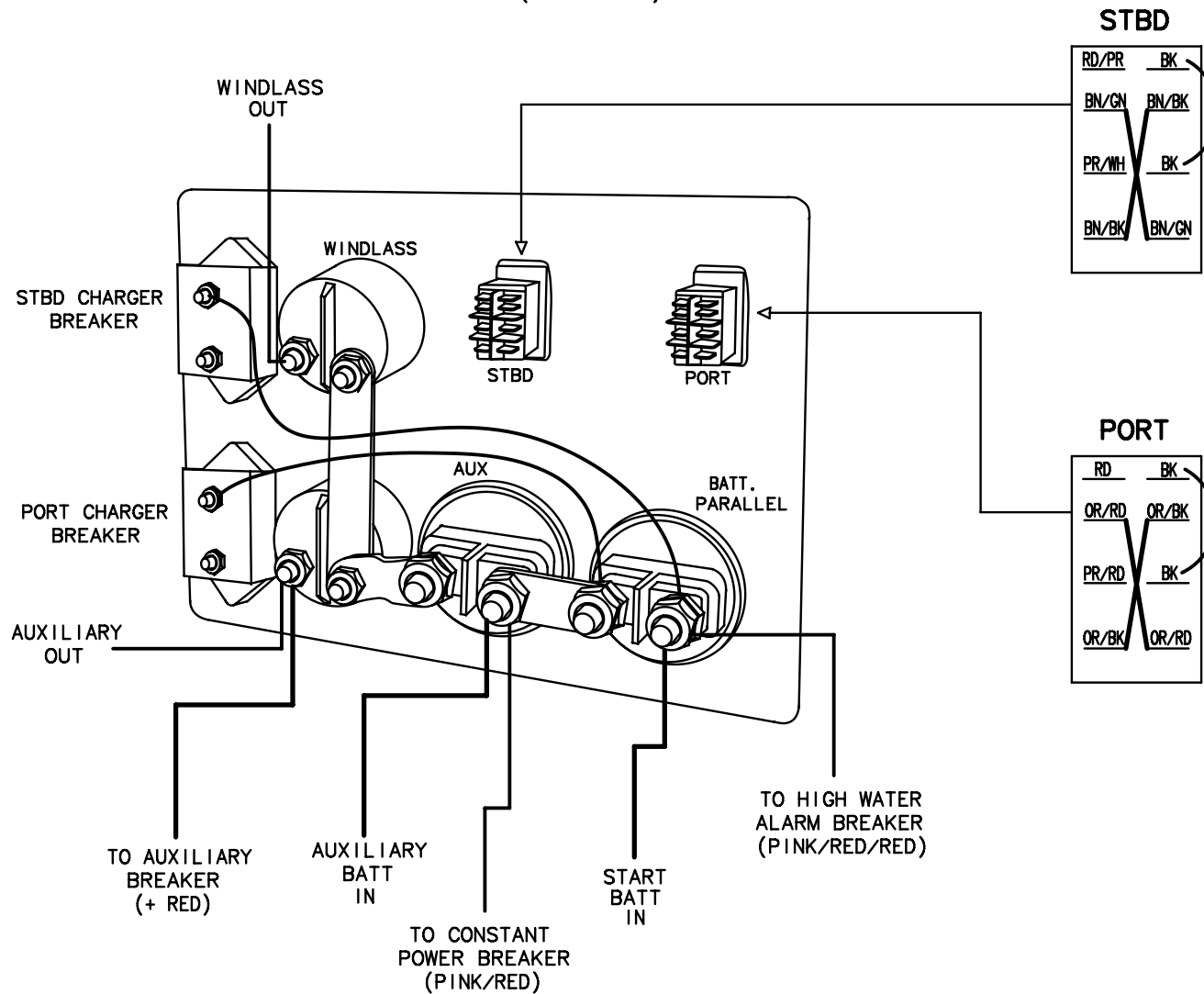
(REAR VIEW)



BREAKER SIZES ARE SUBJECT
TO CHANGE WITHOUT NOTICE.

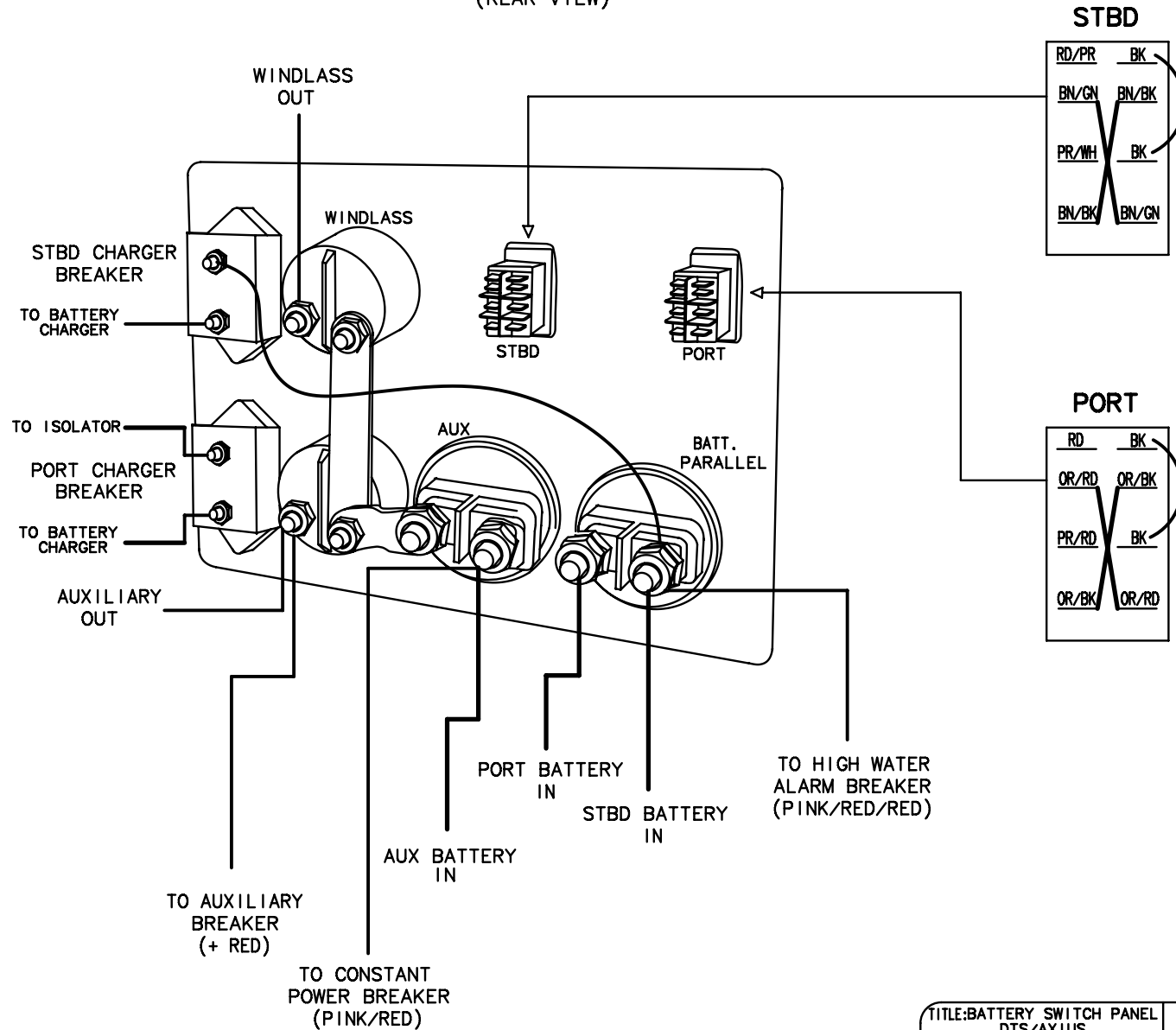
TITLE: AFT BREAKER PANEL		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 64	DATE: 1-8-14	(260) 724-9111

BATTERY PARALLEL
SWITCH PANEL
(LOCATED UNDER
WETBAR)
(REAR VIEW)



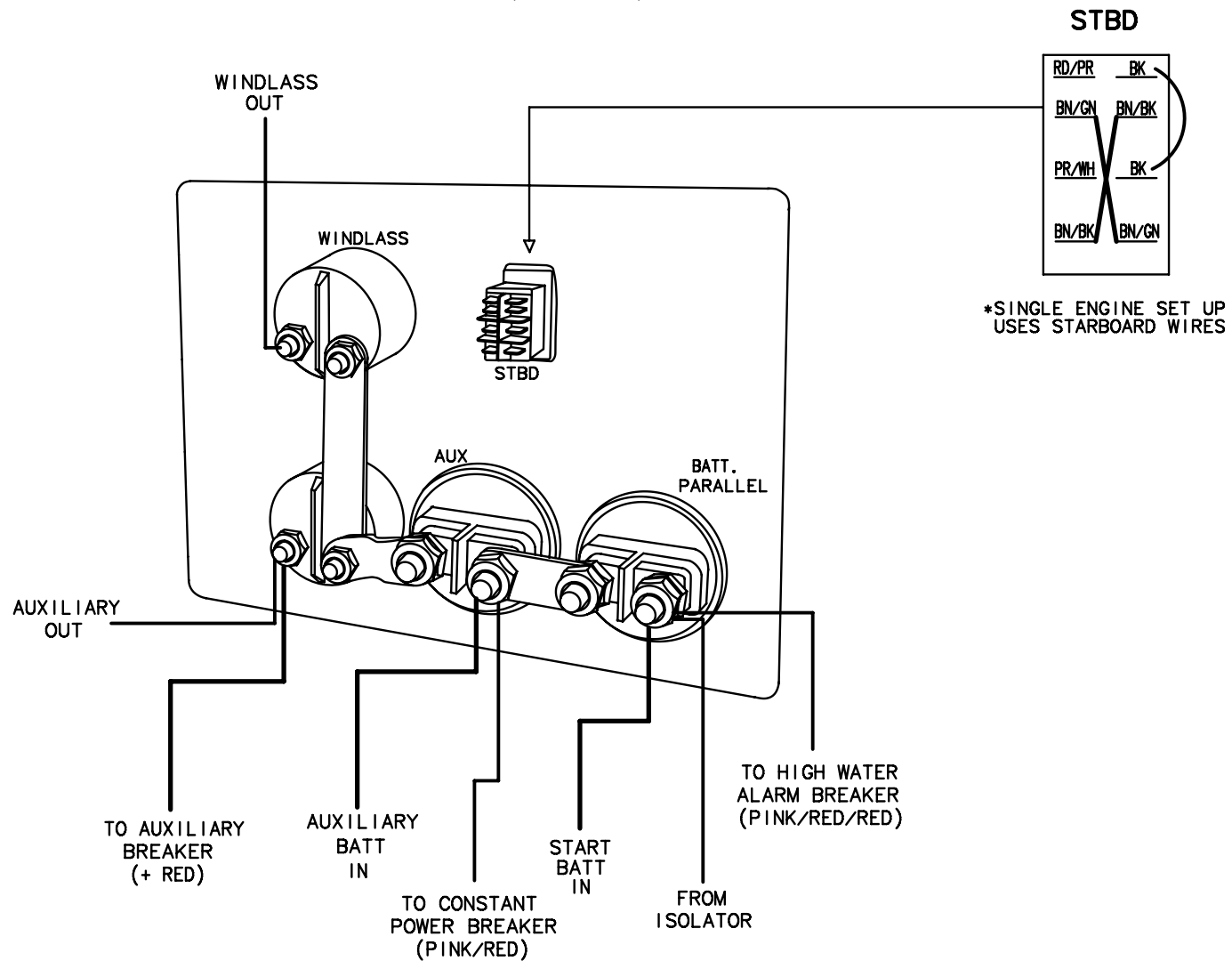
TITLE: BATTERY SWITCH PANEL NON-DTS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 65	DATE: 1-8-14	(260) 724-9111

BATTERY PARALLEL
SWITCH PANEL
(LOCATED UNDER
WETBAR)
(REAR VIEW)



TITLE: BATTERY SWITCH PANEL DTS/AXIUS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 66	DATE: 1-8-14	(260) 724-9111

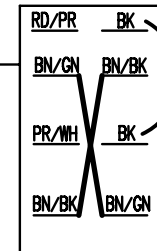
BATTERY PARALLEL
SWITCH PANEL
(LOCATED UNDER
WETBAR)
(REAR VIEW)



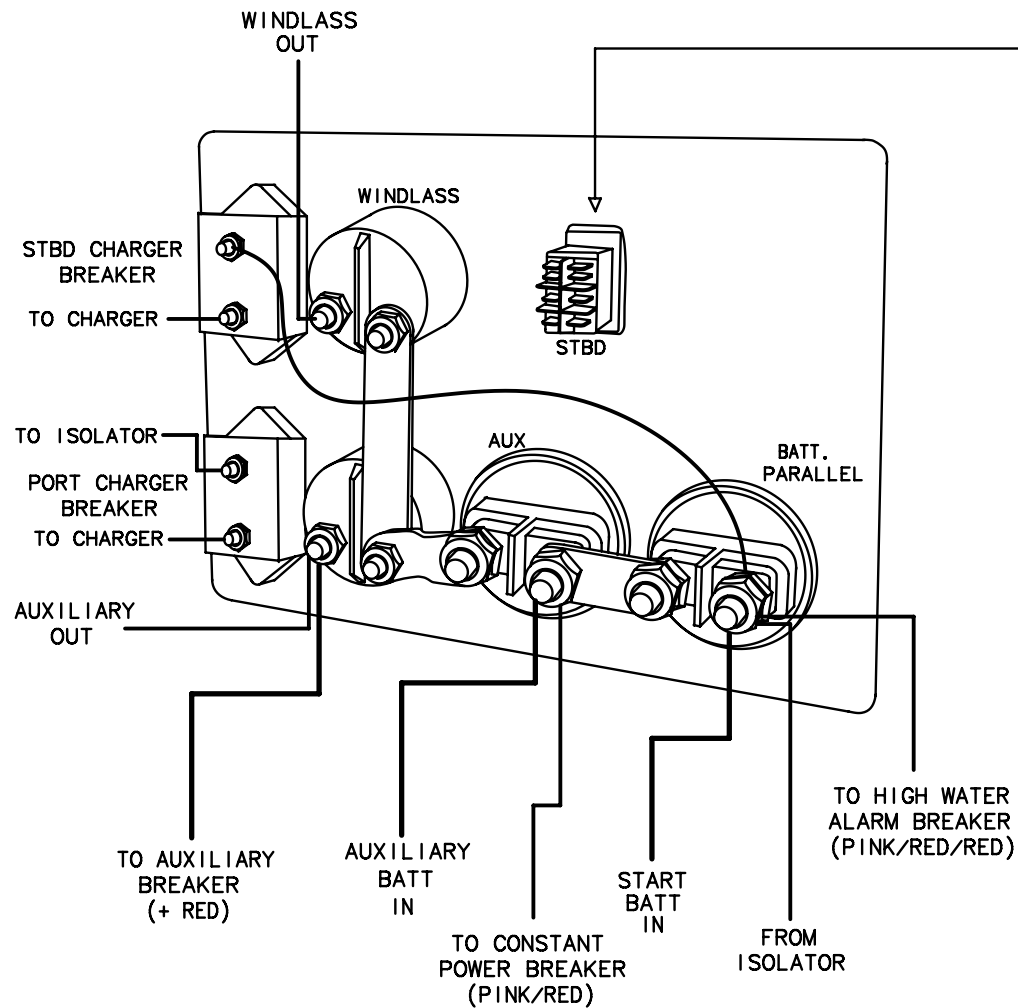
TITLE: BATTERY SWITCH PANEL NON-DTS		THUNDERBIRD PRODUCTS	
		P.O. BOX 1003	
MOD.:290 BR SGL	DR BY: KPP	DECATUR IN., 46733	
NO.: 67	DATE: 1-8-14	(260) 724-9111	

BATTERY PARALLEL
SWITCH PANEL
(LOCATED UNDER
WETBAR)
(REAR VIEW)

STBD

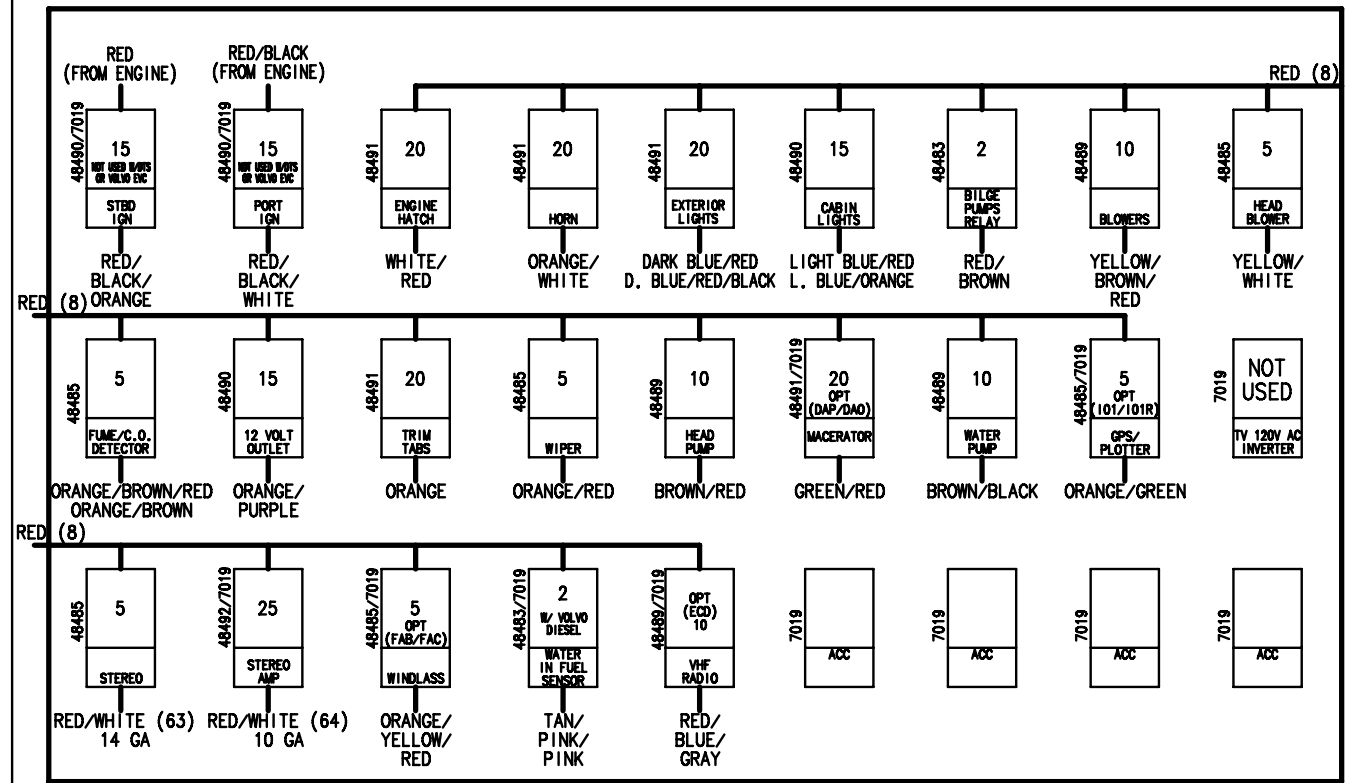


*SINGLE ENGINE SET UP
USES STARBOARD WIRES

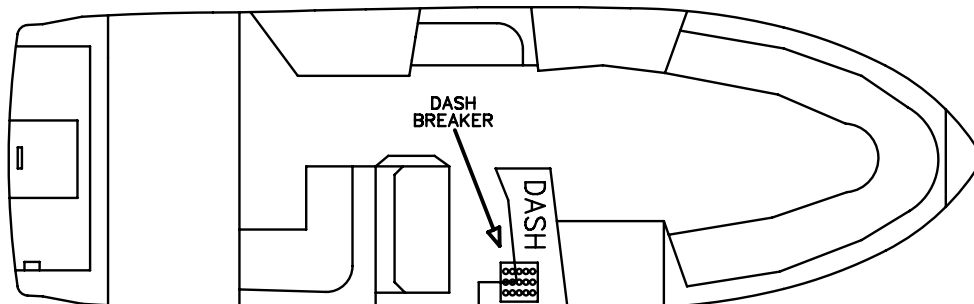


TITLE: BATTERY SWITCH PANEL DTS SINGLE		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR SGL	DR BY: KPP	DECATUR IN., 46733
NO.: 68	DATE: 1-8-14	(260) 724-9111

(REAR VIEW)

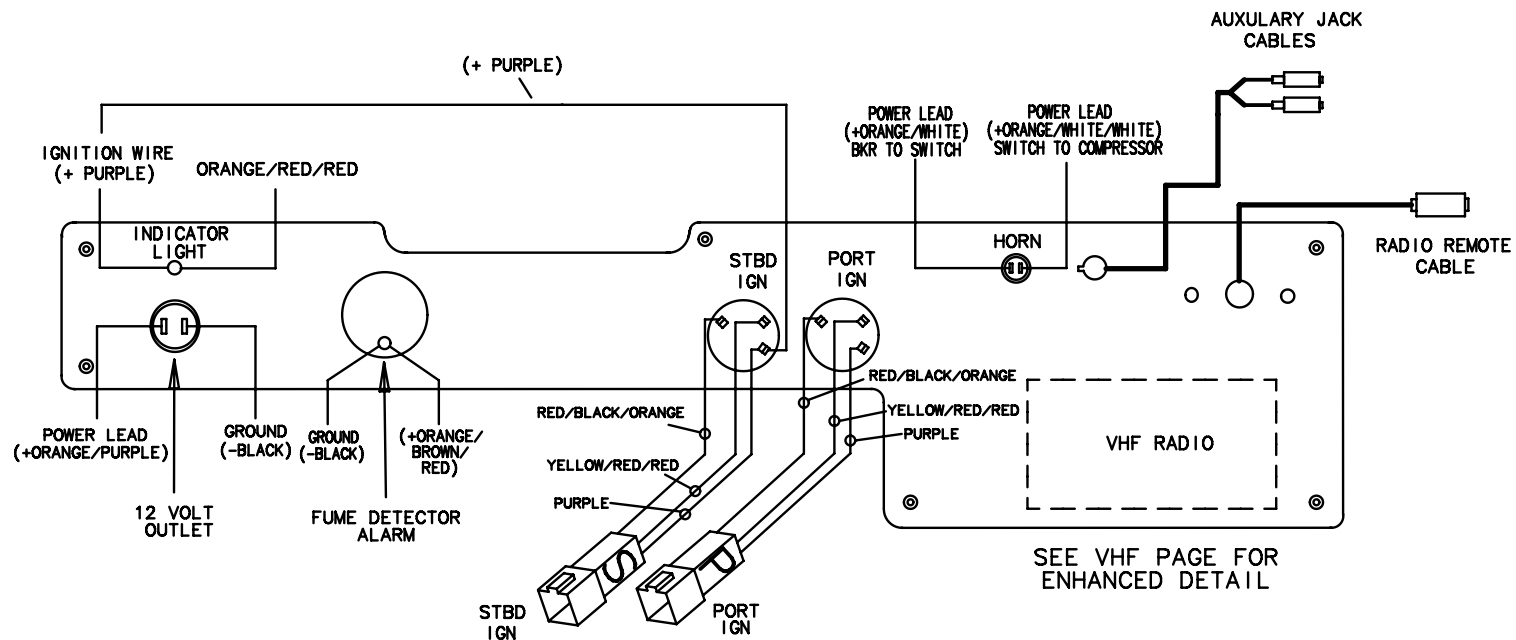


BREAKER SIZES ARE SUBJECT TO CHANGE WITHOUT NOTICE.



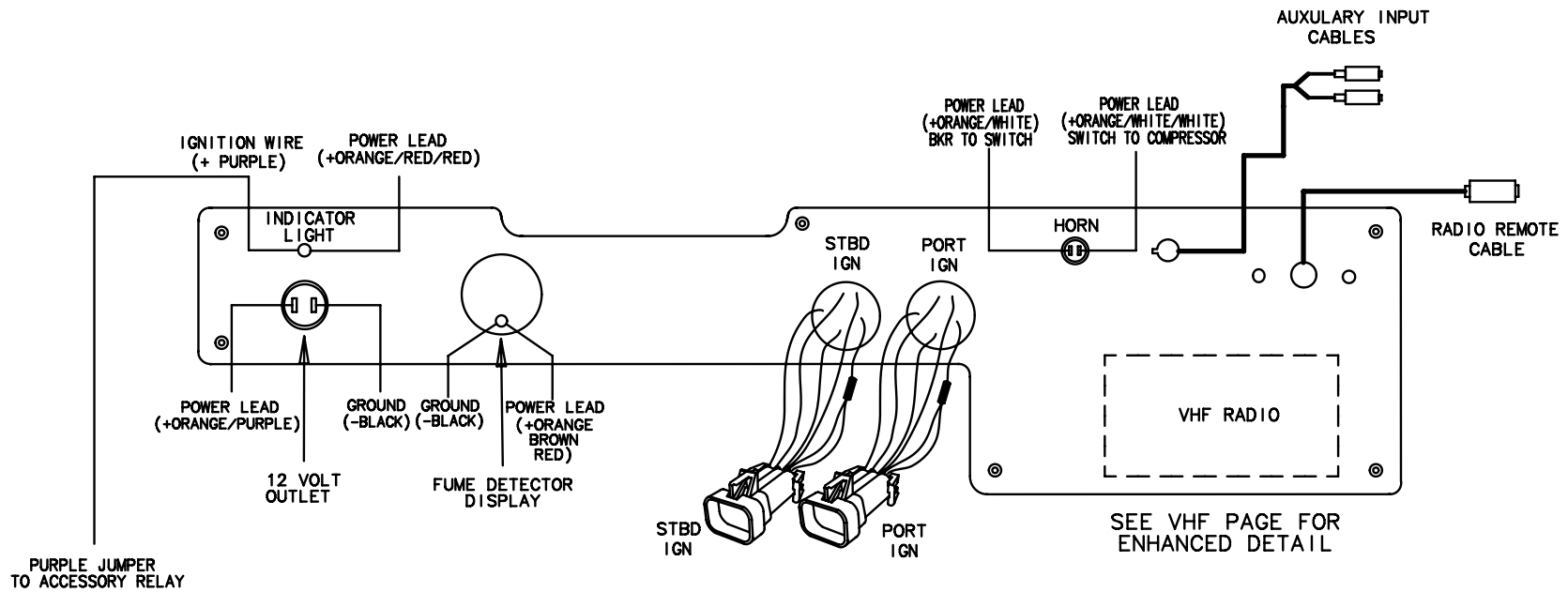
TITLE: DASH BREAKER PANEL		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 69	DATE: 1-8-14	(260) 724-9111

GAS IGNITION PANEL (REAR VIEW)



TITLE: IGNITION PANEL NON-DTS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 70	DATE: 1-8-14	(260) 724-9111

GAS IGNITION PANEL (REAR VIEW)



TITLE: IGNITION PANEL DTS		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 71	DATE: 1-8-14	(260) 724-9111

LEGEND

GROUND



CONNECTOR



DIODE



TRIM PANEL (REAR VIEW)

PLUG FROM EIC RELAY MODULE
(LOCATED IN ENGINE AREA)



TRIM
TABS

PR

OR

PR

ZETTLER SEALED
12 VOLT DC RELAY
AZ973-1C-12DC4

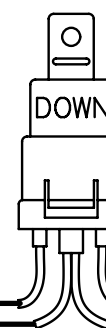
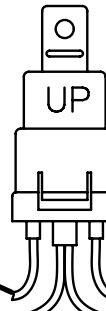
BK

GN

RD

BL

BL



BL

BK

GN/WH

RD/PR

BL/GN

LTBL

TRAILER

BK

GN/WH/WH

RD/PR/PR

BL/GN/GN

LTBL

DRIVES

BK

GN/WH/WH

RD/PR/PR

BL/GN/GN

LTBL

PR/WH

RELAYS LOCATED 6 INCHES UNDER
CUPHOLDER. ACCESS BY REMOVING
THE SHIFTER.

CODE	COLOR	STRIPE	STRIPE
BK	BLACK		
OR	ORANGE		
BL	BLUE		
LTBL	LIGHT BLUE		
BL/GN	BLUE	GREEN	
BL/GN/GN	BLUE	GREEN	GREEN
PR	PURPLE		
PR/WT	PURPLE	WHITE	
PR/WT/WT	PURPLE	WHITE	WHITE
RD	RED		
RD/PR	RED	PURPLE	
RD/PR/PR	RED	PURPLE	PURPLE
GN	GREEN		
GN/WH	GREEN	WHITE	
GN/WH/WH	GREEN	WHITE	WHITE

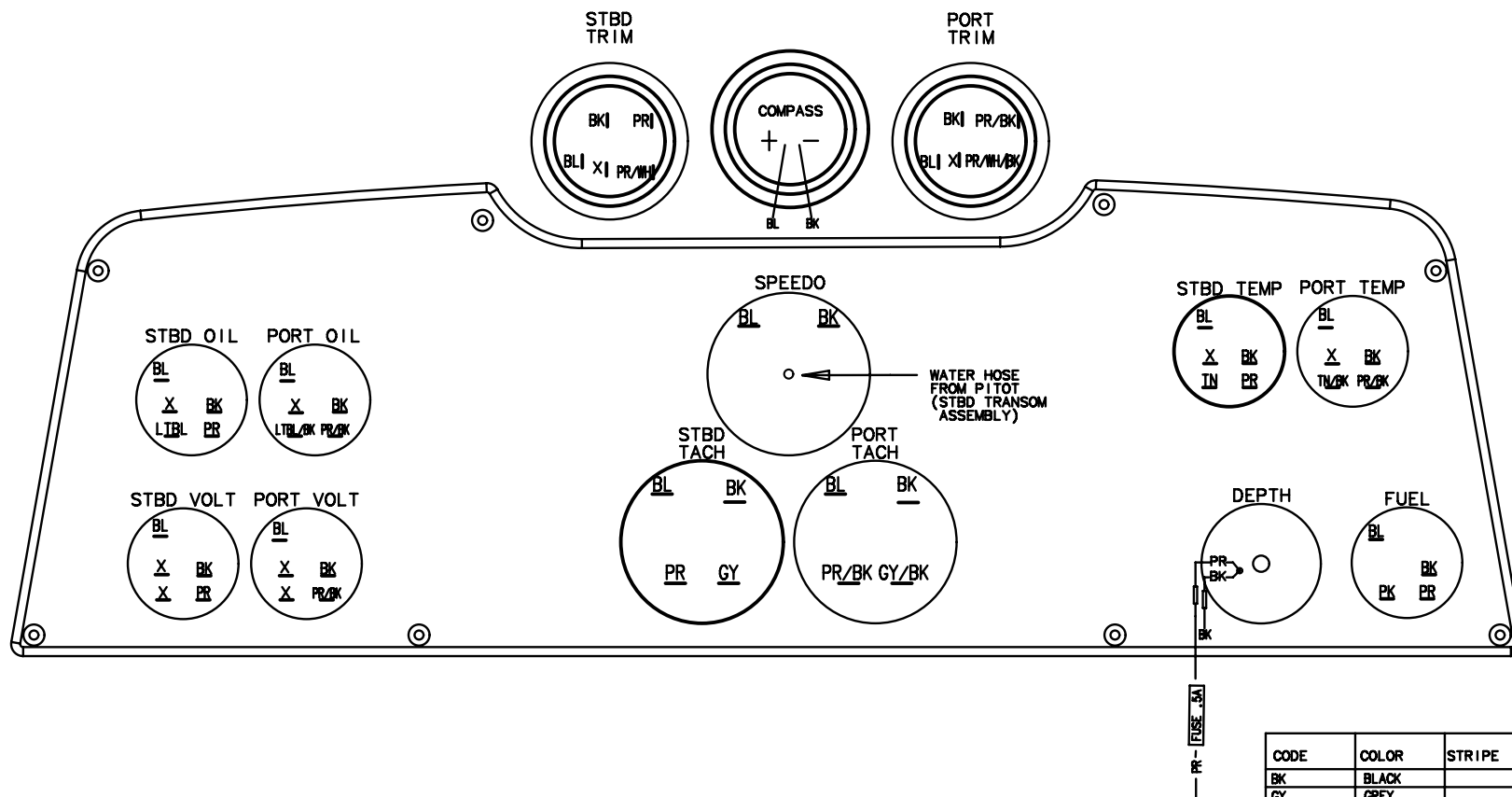
TITLE: TRIM PANEL (NON-DTS)		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 72	DATE: 1-8-14	(260) 724-9111

LEGEND

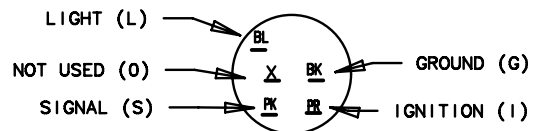
GROUND



MAIN PANEL (REAR VIEW)



SAMPLE



CODE	COLOR	STRIPE	STRIPE
BK	BLACK		
GY	GREY		
BL	BLUE		
BN	BROWN		
PR	PURPLE		
LTBL	LIGHT BLUE		
TN	TAN		
PK	PINK		
GY	GRAY		
LTBL/BK	LIGHT BLUE	BLACK	
PK/BK	PINK	BLACK	
PR/WH	PURPLE	WHITE	
PR/WH/BK	PURPLE	WHITE	BLACK
TN/BK	TAN	BLACK	
GY/BK	GRAY	BLACK	

TITLE: DASH INSTRUMENTS
(MAIN PANEL)
BASE BOAT

THUNDERBIRD PRODUCTS
P.O. BOX 1003

MOD.: 290 BR
NO.: 73

DR BY: KPP
DATE: 1-8-14

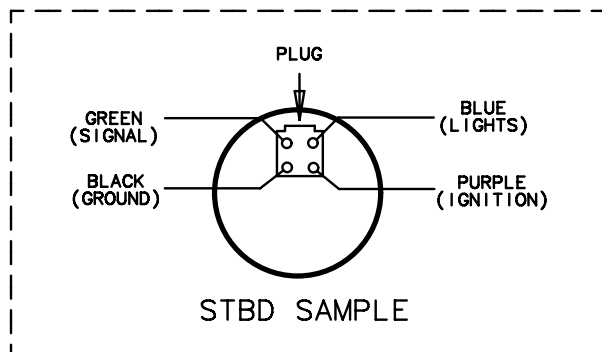
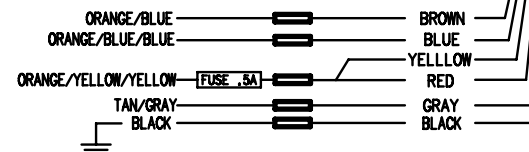
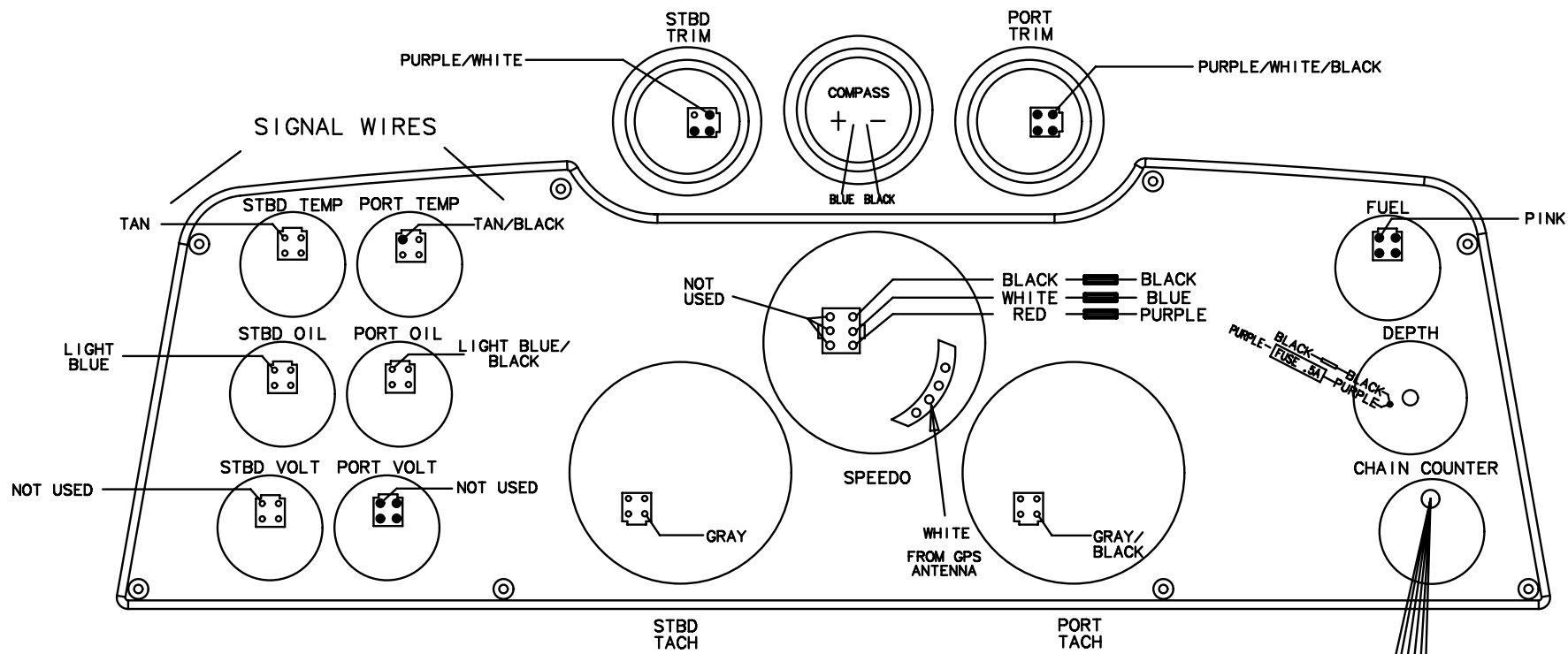
DECATUR IN., 46733
(260) 724-9111

LEGEND

GROUND



(REAR VIEW)

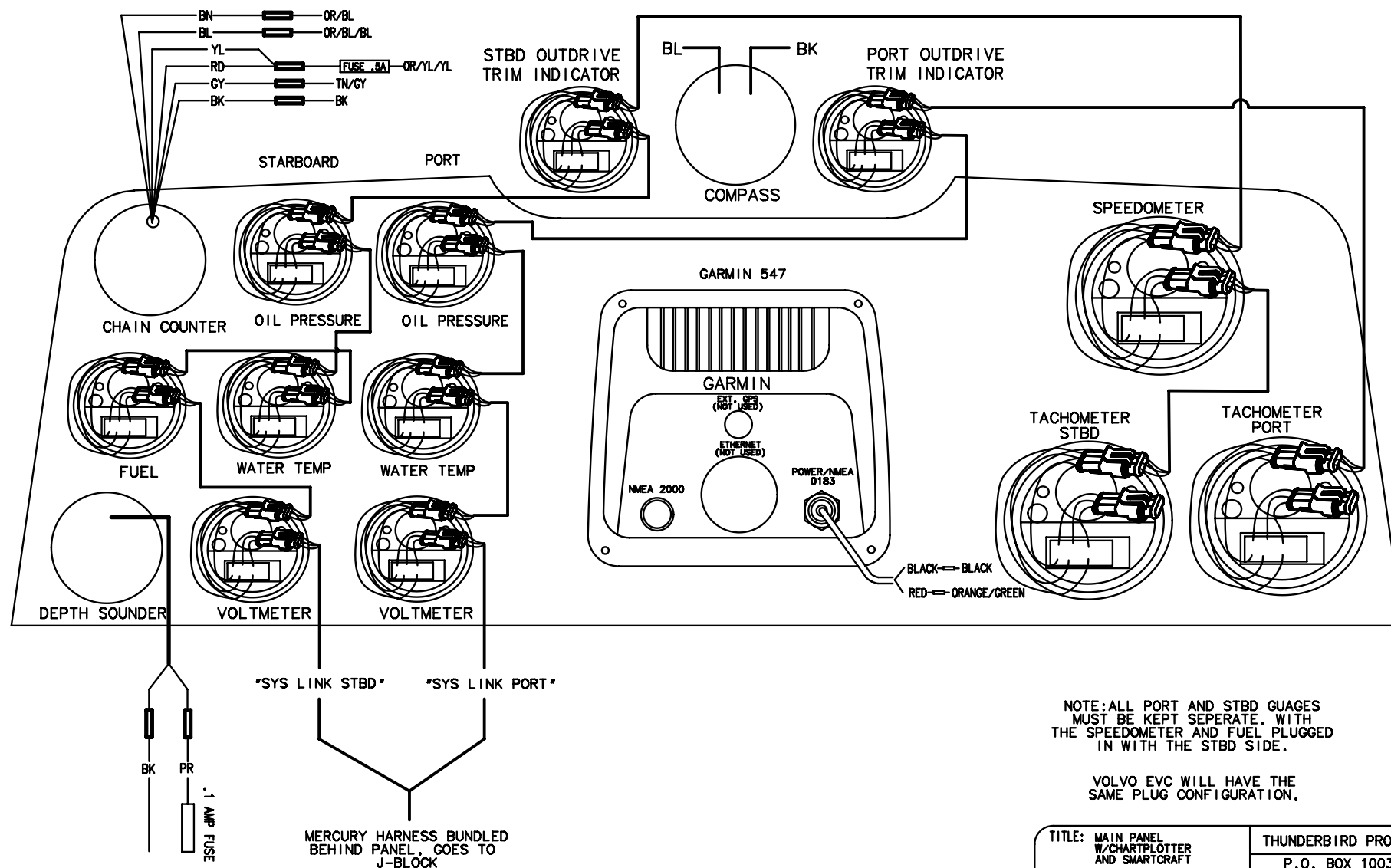


NOTE:FUEL AND SPEEDO WILL USE STBD IGNITION WIRE(PURPLE).
ALL PORT INSTRUMENTS WILL USE PORT IGNITION WIRE(PURPLE/BLACK).

TITLE: DASH INSTRUMENTS (LIVORSI MONSTER GAUGES)		THUNDERBIRD PRODUCTS
MOD.: 290 BR		P.O. BOX 1003
DR BY: KPP		DECATUR IN., 46733
NO.: 74	DATE: 1-8-14	(260) 724-9111

CODE	COLOR	STRIPE	STRIPE
RD	RED		
BN	BROWN		
YL	YELLOW		
BL	BLUE		
GY	GRAY		
BK	BLACK		
PR	PURPLE		
TN/GY	TAN	GRAY	
OR/BL	ORANGE	BLUE	
OR/BL/BL	ORANGE	BLUE	BLUE
OR/YL/YL	ORANGE	YELLOW	YELLOW

MAIN DASH PANEL (REAR VIEW)

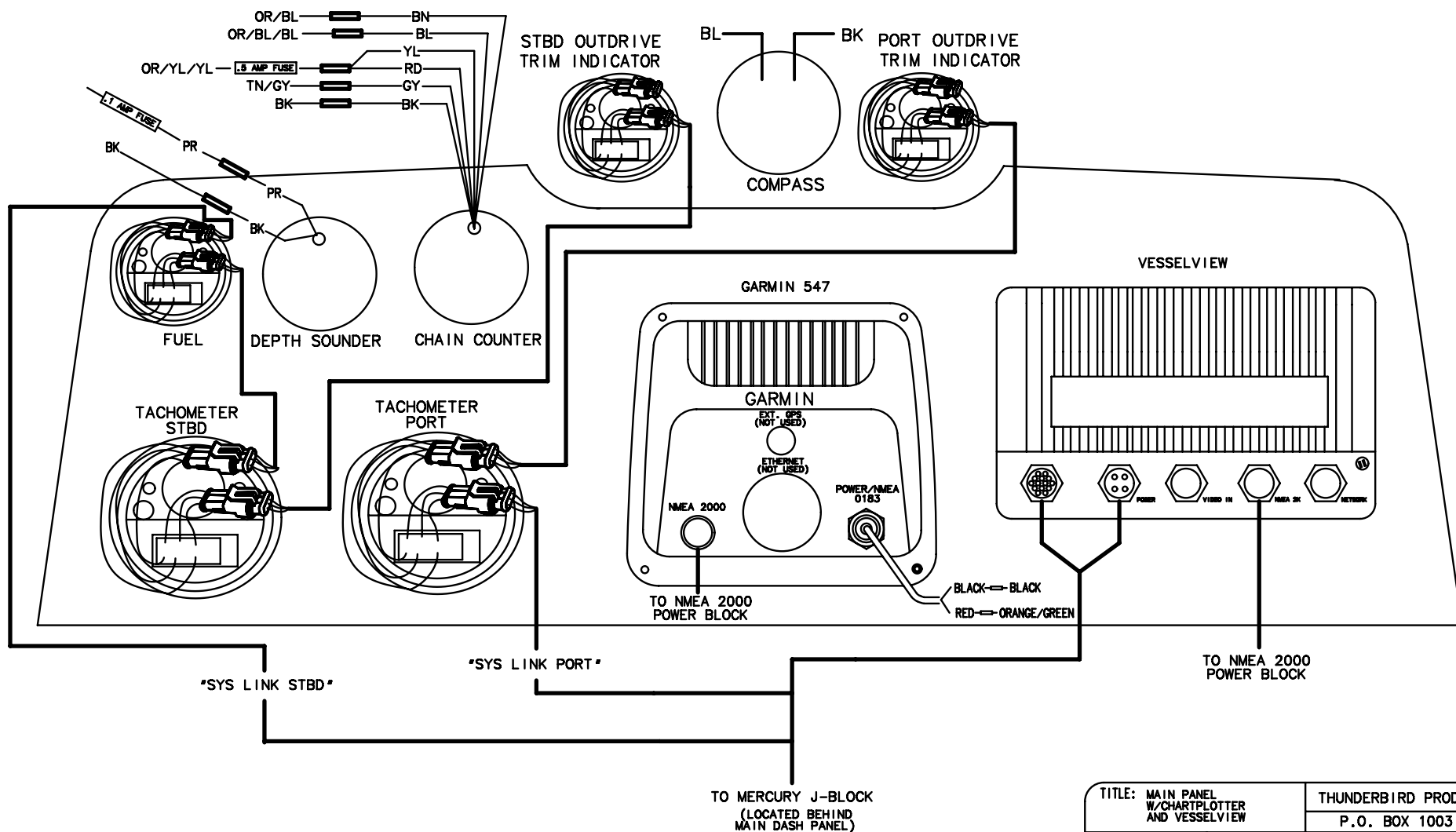


TITLE: MAIN PANEL W/CHARTPLOTTER AND SMARTCRAFT		THUNDERBIRD PRODUCTS
		P.O. BOX 1003
MOD.: 290 BR	DR BY: KPP	DECATUR IN., 46733
NO.: 75	DATE: 1-8-14	(260) 724-9111

CODE	COLOR	STRIPE	STRIPE
BK	BLACK		
GY	GREY		
RD	RED		
BN	BROWN		
YL	YELLOW		
BL	BLUE		
PR	PURPLE		
TN/GY	TAN	GRAY	
OR/BL	ORANGE	BLUE	
OR/BL/BL	ORANGE	BLUE	BLUE
OR/YL/YL	ORANGE	YELLOW	YELLOW

MAIN DASH PANEL (REAR VIEW)

NOTE: ALL PORT AND STBD GAUGES
MUST BE KEPT SEPERATE. WITH
FUEL ON STBD.



TITLE: MAIN PANEL W/CHARTPLOTTER AND VESSELVIEW		THUNDERBIRD PRODUCTS
MOD.: 290 BR		P.O. BOX 1003
DR BY: KPP		DECATUR IN., 46733
NO.: 76		DATE: 1-8-14 (260) 724-9111