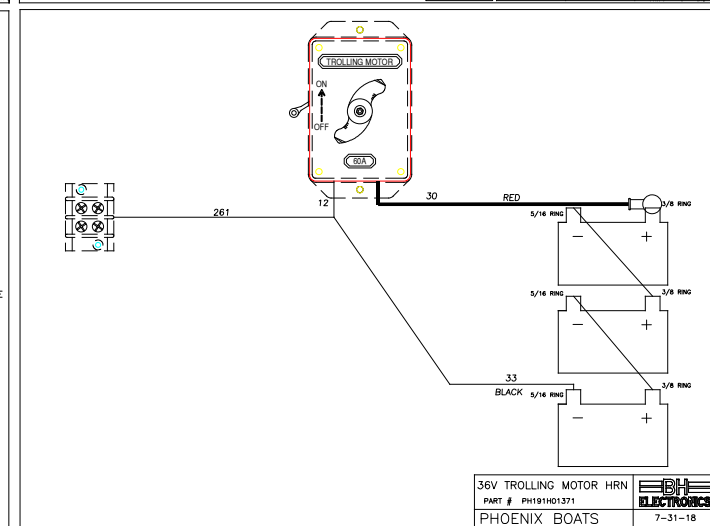
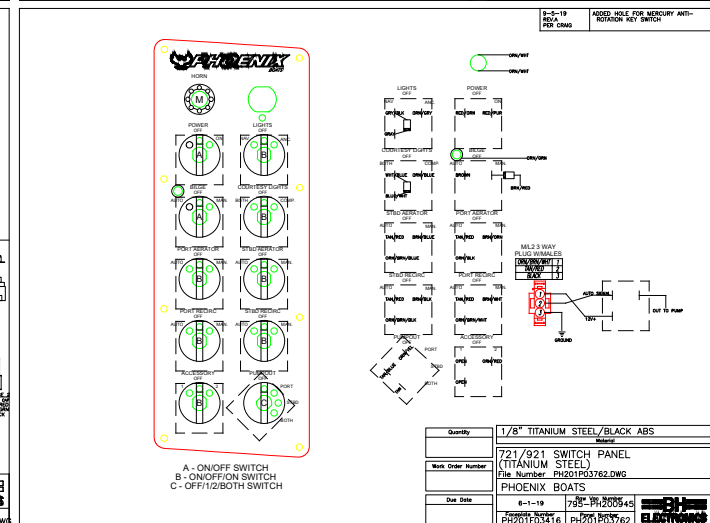
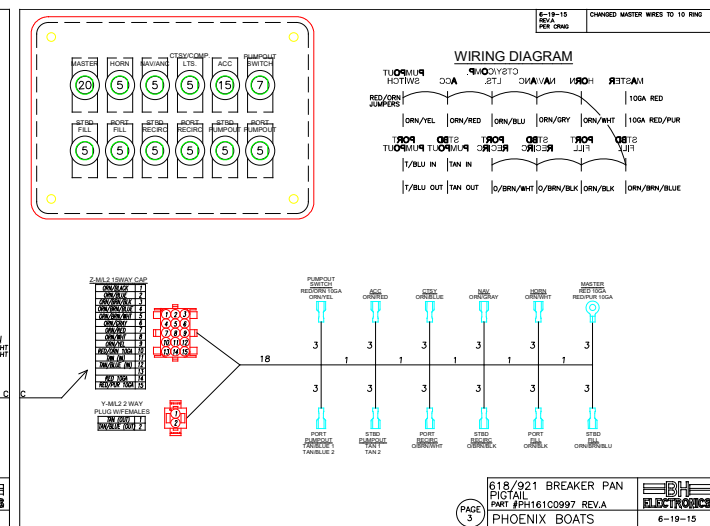
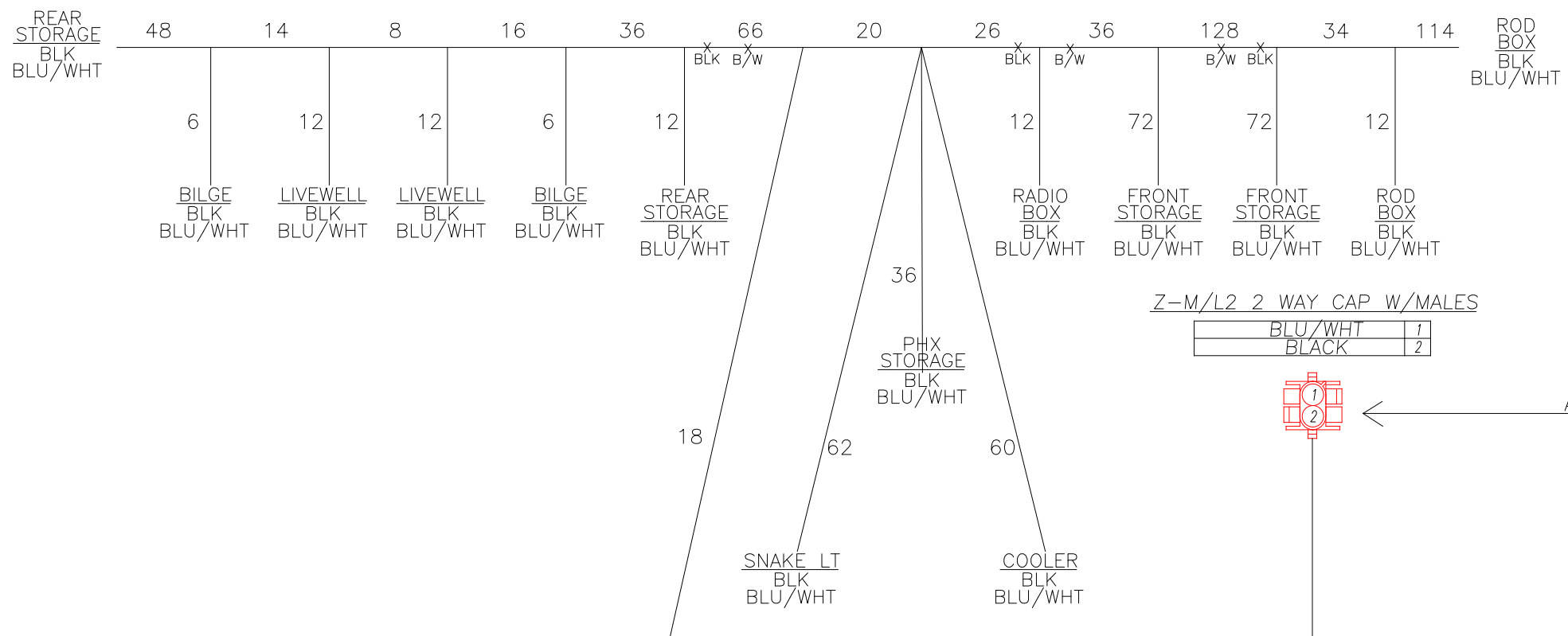






721/921 LIGHT HARNESS

PART # PH141H01058 REV.A

PHOENIX BOATS

BH
ELECTRONICS

8-1-13

PAGE
1

6-7-16 REV.A PER BEAU	ADD ORN/PUR TO PLUG G FOR DEPTH POWER (ONLY USED ON 721 & 618) NOT USED ON 921 (DEPTH FROM FUSEBLOCK)
8-29-16 REV.B PER GREG	CHANGED DEPTH LEADS TO 10GA

M-M/L2 12 WAY PLUG W/FEMALE TERMINALS

BLACK (ENG)	1
BLUE	2
GRAY	3
BRN/WHT	4
PINK	5
PURPLE	6
BLK 10GA (DEPTH)	7
---	8
BLK/GRN (HORN)	9
ORN 10GA (DEPTH)	10
ORN/WHT	11
WHT/BLUE	12

L-M/L2 12 WAY CAP W/MALE TERMINALS

BLACK (ENG)	1
BLUE	2
GRAY	3
BRN/WHT	4
PINK	5
PURPLE X2	6
BLK 10GA (DEPTH)	7
---	8
BLK/GRN (HORN)	9
ORN 10GA (DEPTH)	10
ORN/WHT	11
WHT/BLUE	12

JACKPLATE GAUGE

HORN
ORN/WHT
BLACK

PURPLE
BLACK

8

20

20

20

20

CONSOLE LT DEPTH
WHT/BLU BLACK ORN 10GA
BLACK BLK 10GA

V-DEUTSCH 6 WAY PLUG

PURPLE (12V +)	1
BLUE (LIGHT)	2
GRAY (TACH SEND)	3
HOLE PLUG	4
HOLE PLUG	5
BLACK (GROUND)	6

F-DEUTSCH 6 WAY PLUG

PURPLE (12V +)	1
BLUE (LIGHT)	2
PINK (FUEL SEND)	3
BRN/BLU (PSI SEND)	4
HOLE PLUG	5
BLACK (GROUND)	6

T-DEUTSCH 6 WAY PLUG

HOLE PLUG	1
HOLE PLUG	2
HOLE PLUG	3
BRN/WHT (TRIM SEND)	4
HOLE PLUG	5
HOLE PLUG	6

J-M/L2 3 WAY CAP W/MALES

BLUE/WHT	1
GRN/WHT	2
RED/WHT	3

K-M/L2 3 WAY PLUG W/FEMALES

BLUE/WHT	1
GRN/WHT	2
RED/WHT	3

BLUE/WHT
GRN/WHT
RED/WHT

32

ATTACH

ATTACH

32

PUMPOUT

ORN/YEL
TAN (stbd)
TAN/BLU (port)

STBD RECIRC

ORN/BRN/BLK
BRN/BLK

STBD AER

ORN/BRN/BLUE
BRN/BLU

4
2
4

4
2
4

4
2
4

ACC
ORN/RED+)
RED/PUR+)
BLACK 5"

PORT RECIRC

ORN/BRN/WHT
BRN/WHT

PORT AER

ORN/BLK
BRN/ORN

Z-M/L2 15 WAY PLUG W/FEM

PINK	1
GRY/BLK	2
BROWN	3
BRN/BLU	4
BRN/BLK	5
BRN/ORN	6
BRN/WHT	7
BLACK	8
GRAY	9
WHT/BLU X2	10
TAN (OUT)	11
TAN/BLU (OUT)	12
BRN/RED	13
ORN/GRY X2	14
RED 10GA	15

H-M/L2 2 WAY PLUG

BLU/WHT	1
BLACK	2

3	2	1
6	5	4
9	8	7
12	11	10
15	14	13

3	2	1
6	5	4

Y-M/L2 6 WAY PLUG W/FEMALES

BLACK 10GA	1
BLU/WHT	2
GRN/WHT	3
RED/ORN 12GA	4
ORN 10GA	5
RED/WHT	6

G-M/L2 2 WAY PLUG

ORN/GRN	1
ORN/PUR	2

KEY ACC
BLK
RED

20

GT .150
10 WAY CAP

A. RED-12V +

B. BLK-NEG

C. H/P

D. H/P

E. H/P

F. PUR (SWITCHED 12V)

G. GRY (TACH)

H. BRN/WHT (TRIM)

J. H/P

K. H/P

X-M/L2 2 WAY
CAP W/MALES
TAN (OUT) 1
TAN/BLUE (OUT) 2

W-M/L2 15 WAY PLUG W/FEM

ORN/BLACK	1
ORN/BLUE	2
ORN/BRN/BLK	3
ORN/BRN/BLUE	4
ORN/BRN/WHT	5
ORN/GRAY	6
ORN/RED	7
ORN/WHT-ORN/PUR	8
ORN/YEL	9
RED/ORN 10GA	10
TAN (IN)	11
TAN/BLUE (IN)	12
RED 10GA	13
RED/PUR 10GA	14
RED/PUR 10GA	15

BILGE
BRN/RED
BRN
ORN/GRN

POWER

10 RED/PUR-HOT
10 RED/ORN-PB
12 RED/ORN

HORN
ORN/WHT
ORN/WHT

DIODE
CTSY LT
ORN/BLU
WHT/BLU (ctsy)
BLU/WHT(comp)

DIODE

NAV/ANC
GRY/BLK
BLUE-PB
ORN/GRY
GRAY

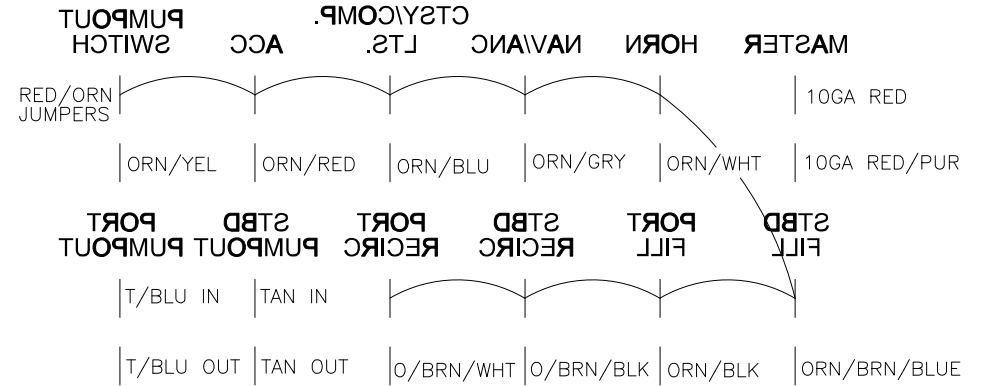
721/921 ROTARY SW
PIG (V3)
PART # PH181C01148
PHOENIX BOATS

==BH==
ELECTRONICS

6-9-17

PAGE
2

WIRING DIAGRAM

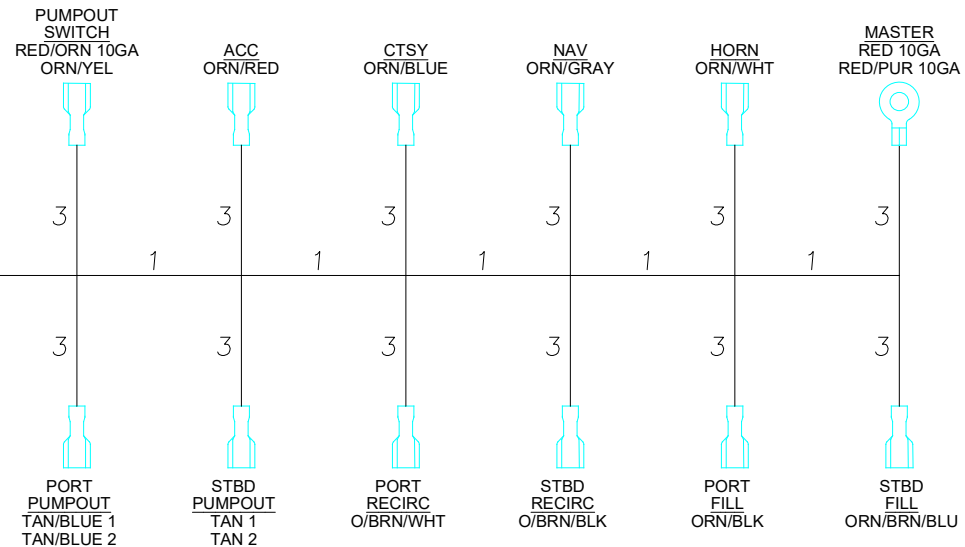
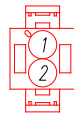
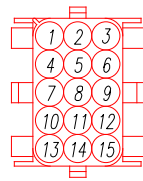


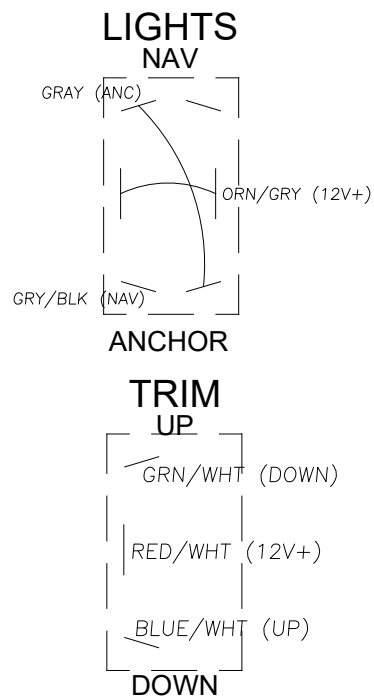
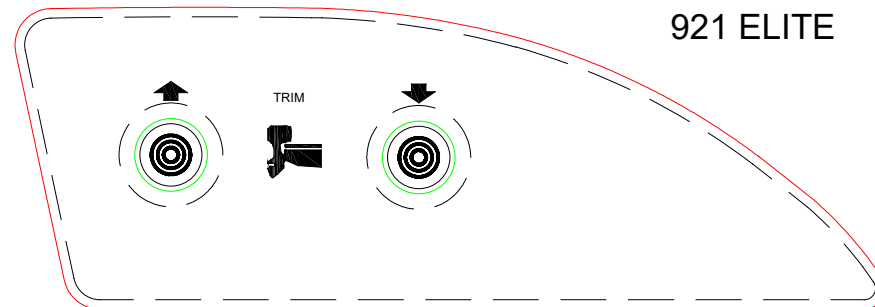
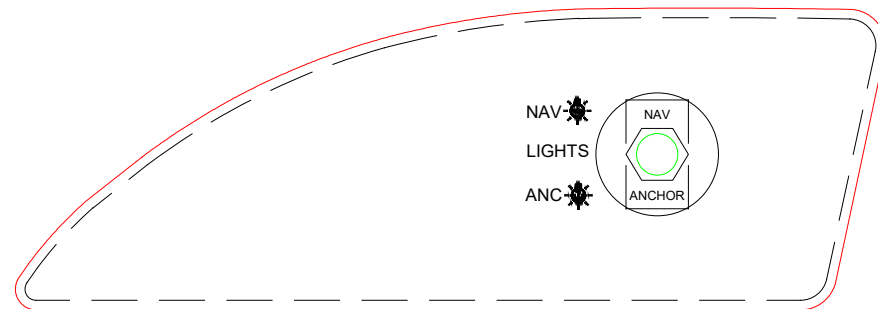
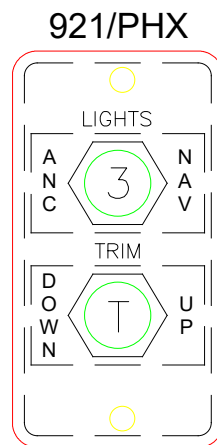
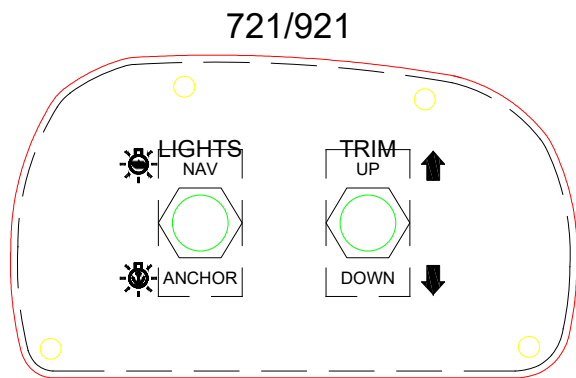
Z-ML2 15WAY CAP

ORN/BLACK	1
ORN/BLUE	2
ORN/BRN/BLK	3
ORN/BRN/BLU	4
ORN/BRN/WHT	5
ORN/GRAY	6
ORN/RED	7
ORN/WHT	8
ORN/YEL	9
RED/ORN 10GA	10
TAN (IN)	11
TAN/BLUE (IN)	12
	13
RED 10GA	14
RED/PUR 10GA	15

Y-ML2 2 WAY
PLUG W/FEMALES

TAN (OUT)	1
TAN/BLUE (OUT)	2





GREY
GRY/BLK
ORN/GRY
GRN/WHT
RED/WHT
BLUE/WHT



20

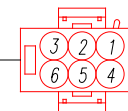
4

ORN 10GA
BLACK 10GA

10

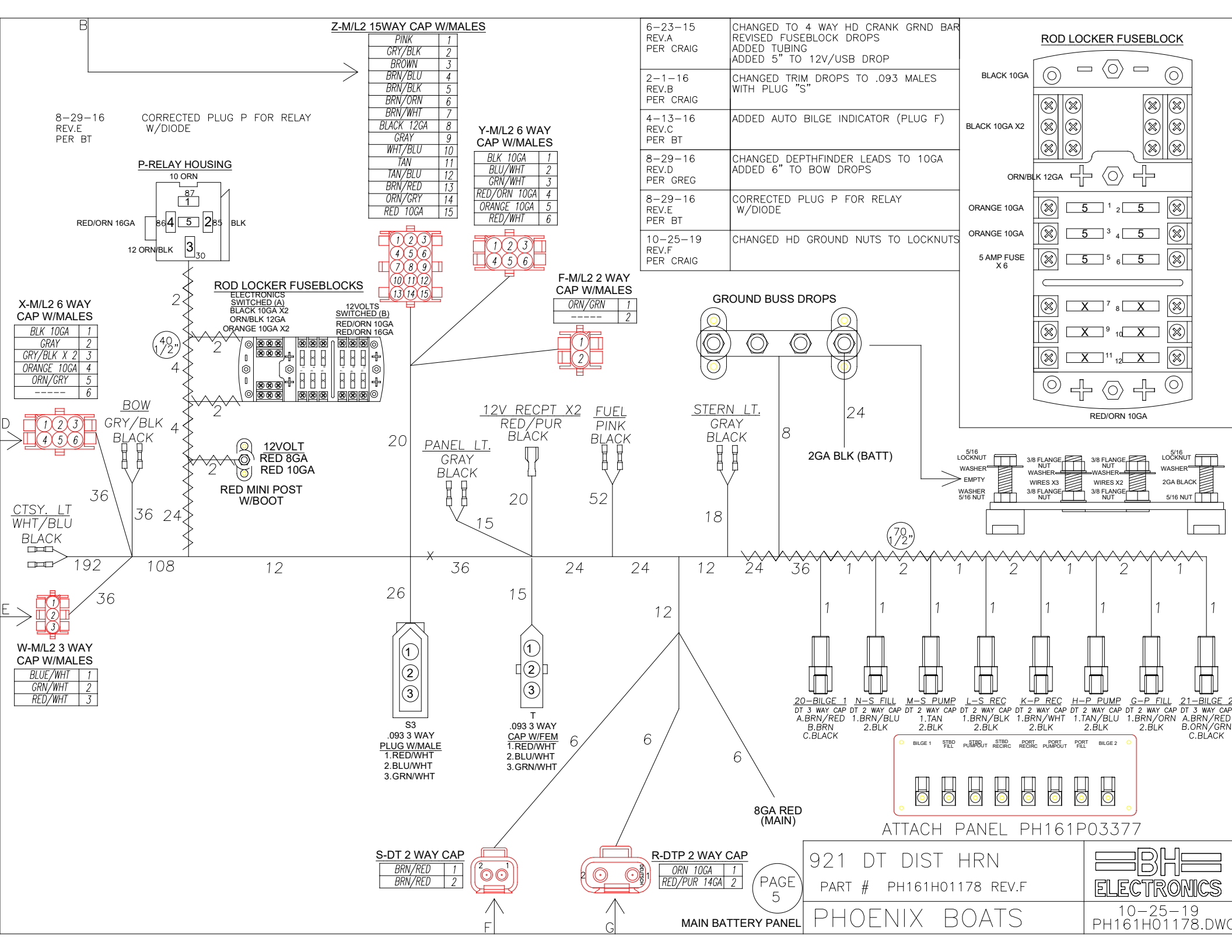
Z-M/L2 6WAY PLUG

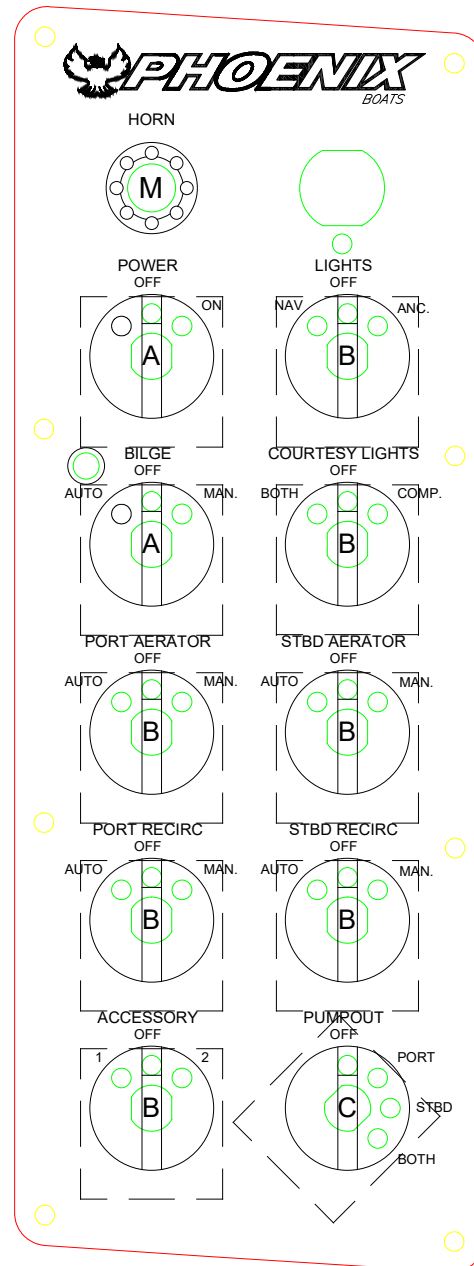
BLACK 10GA	1
GRAY	2
GRY/BLK	3
ORN 10GA	4
ORN/GRY	5
	6



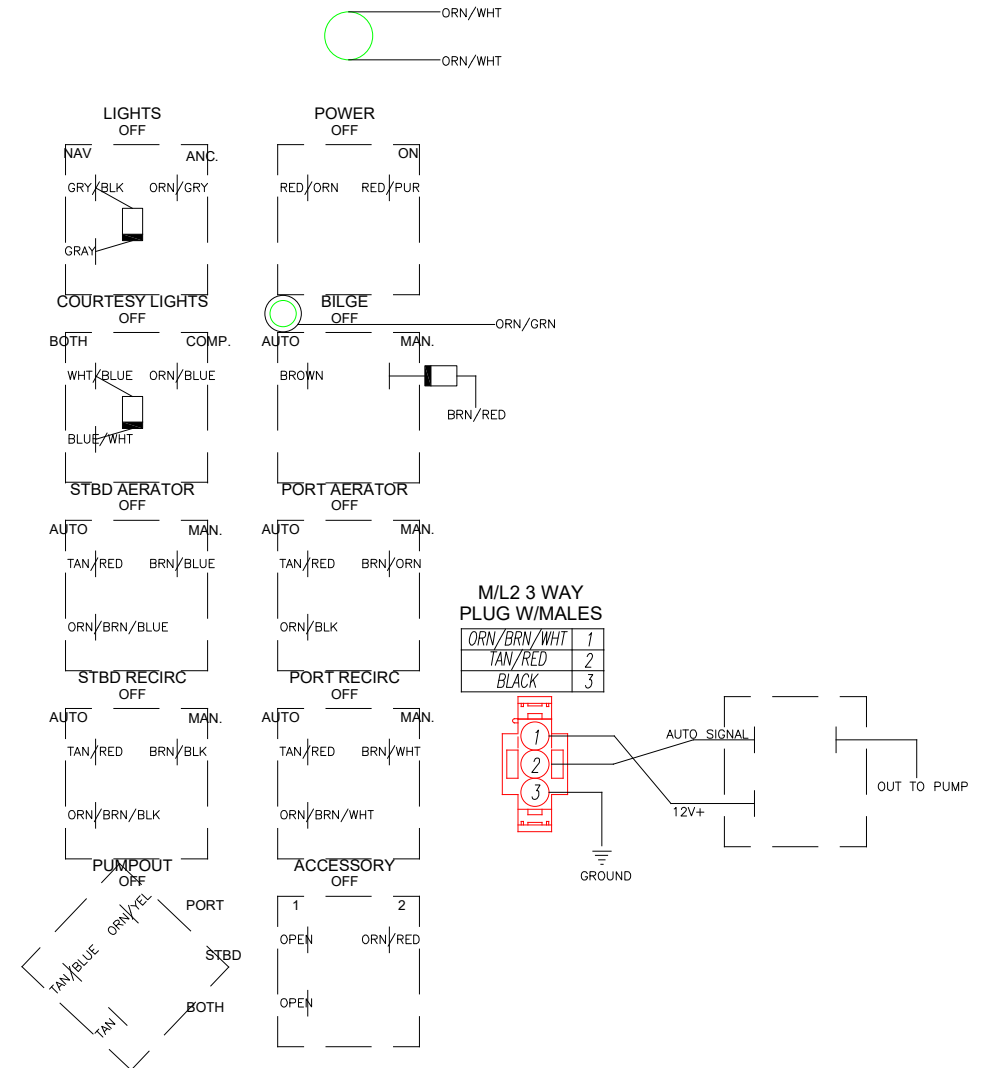
Y-M/L2 3WAY PLUG

BLUE/WHT	1
GRN/WHT	2
RED/WHT	3





A - ON/OFF SWITCH
B - ON/OFF/ON SWITCH
C - OFF/1/2/BOTH SWITCH

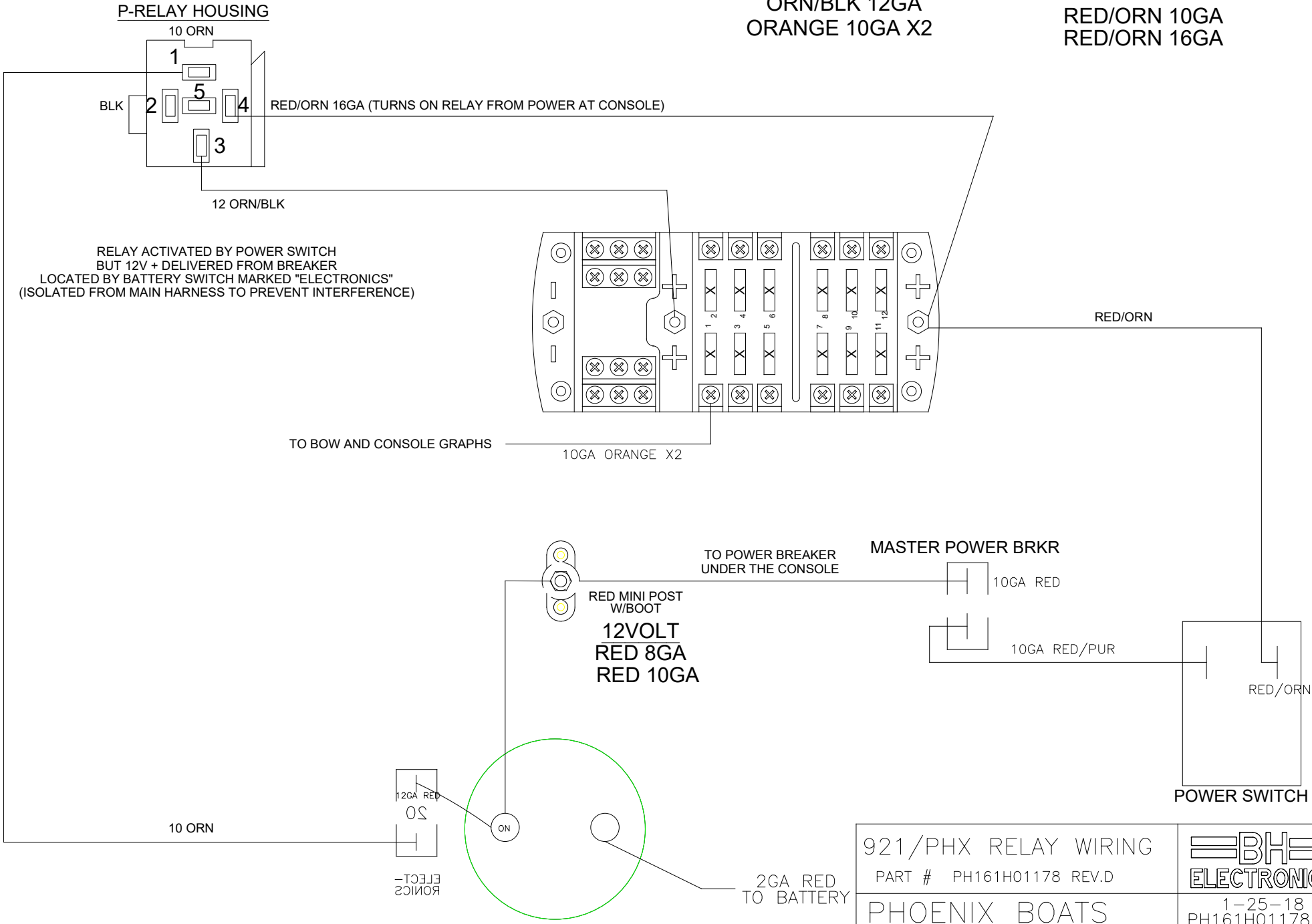


Quantity	1/8" TITANIUM STEEL/BLACK ABS	
	Material	
Work Order Number	721/921 SWITCH PANEL (TITANIUM STEEL)	
	File Number PH201P03762.DWG	
Due Date	PHOENIX BOATS	
	6-1-19	Raw Vac Number 795-PH200945
	Faceplate Number PH201F03416	Panel Number PH201P03762
	BH ELECTRONICS	

ROD LOCKER FUSEBLOCKS

ELECTRONICS
SWITCHED (A)
BLACK 10GA X2
ORN/BLK 12GA
ORANGE 10GA X2

12VOLTS
SWITCHED (B)
RED/ORN 10GA
RED/ORN 16GA

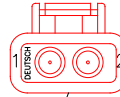


TO AUTO FLOATS		
BRN/RED	1	
BRN/RED	2	

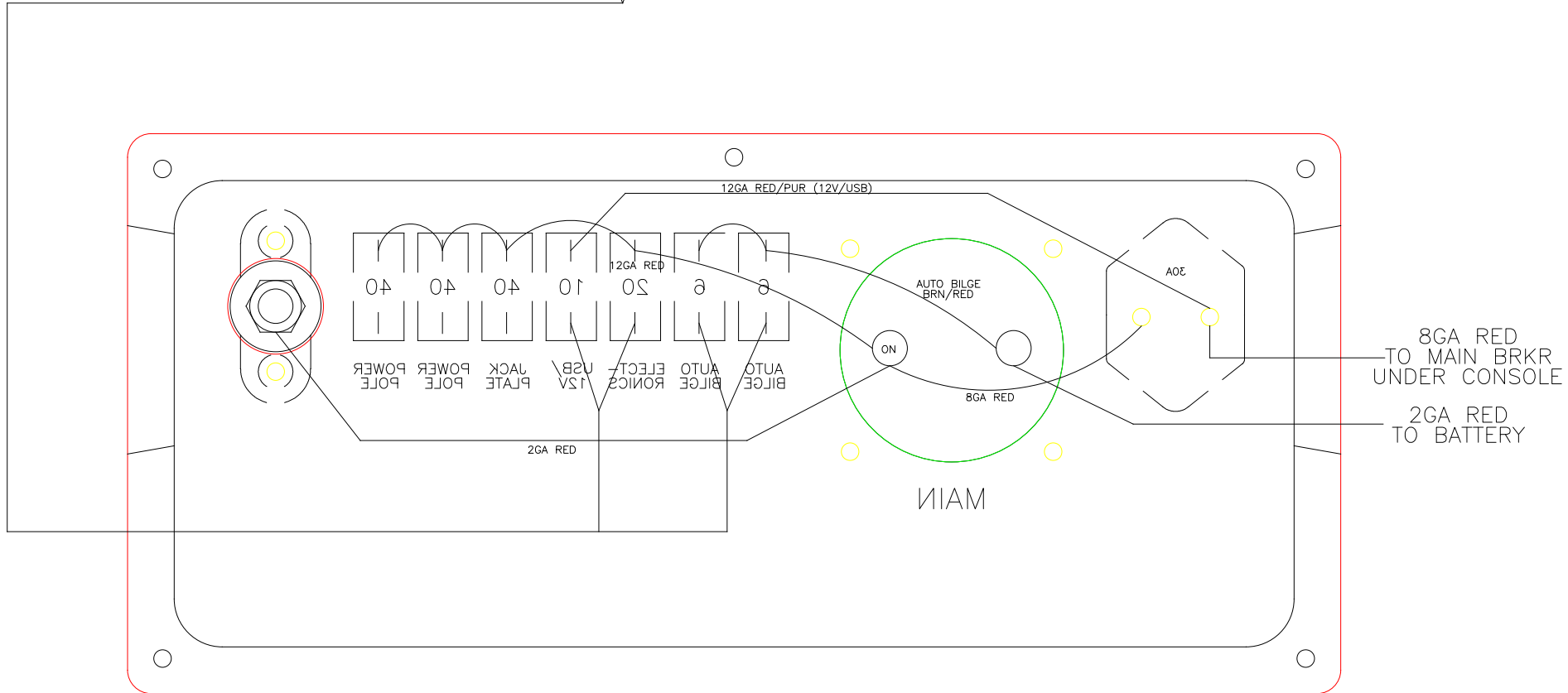


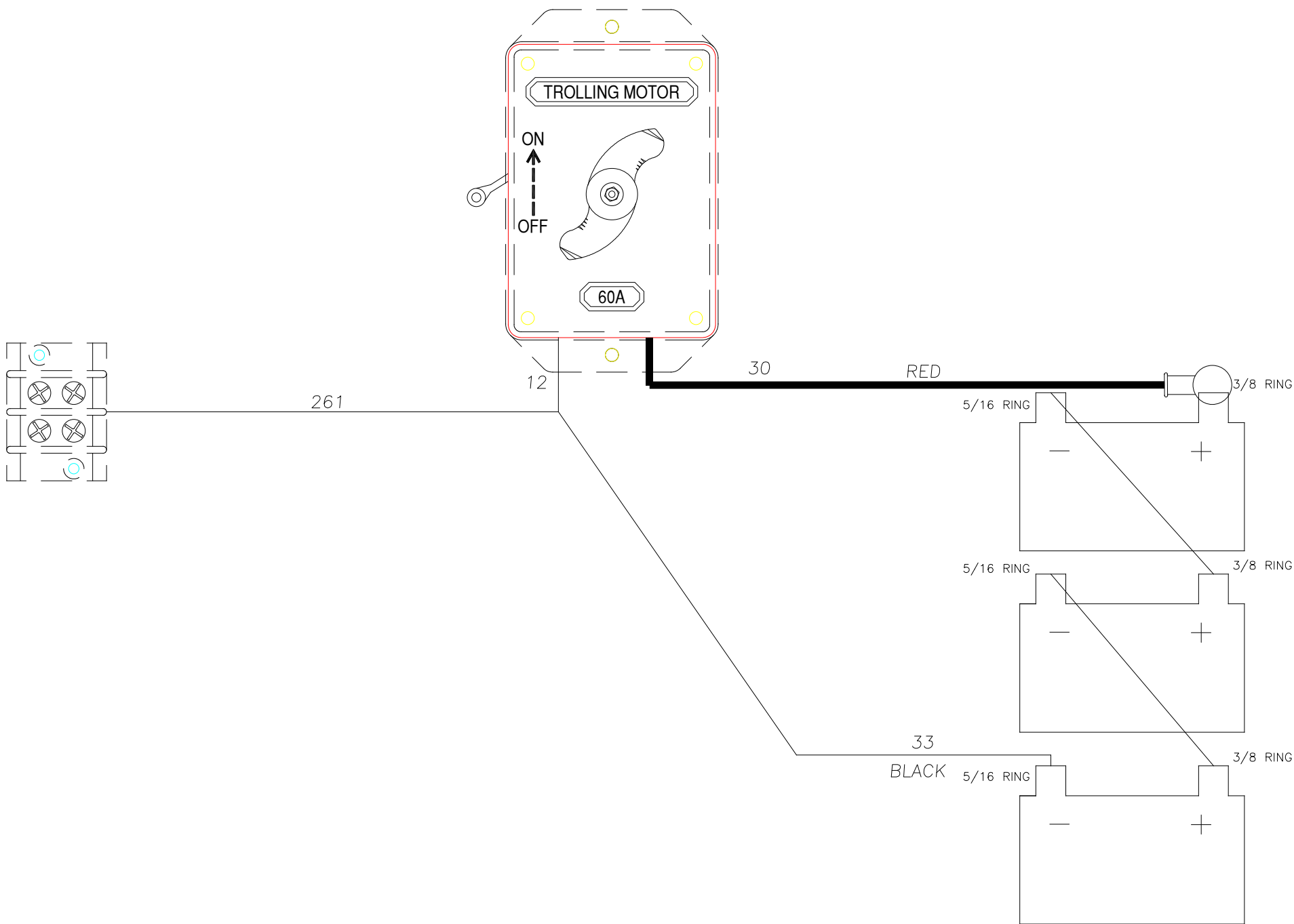
F

TO ROD LOCKER FUSE & 12V/USB		
ORN	1	
RED/ORN	2	



G





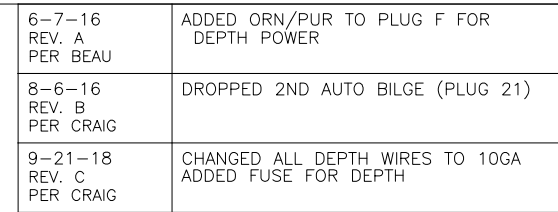
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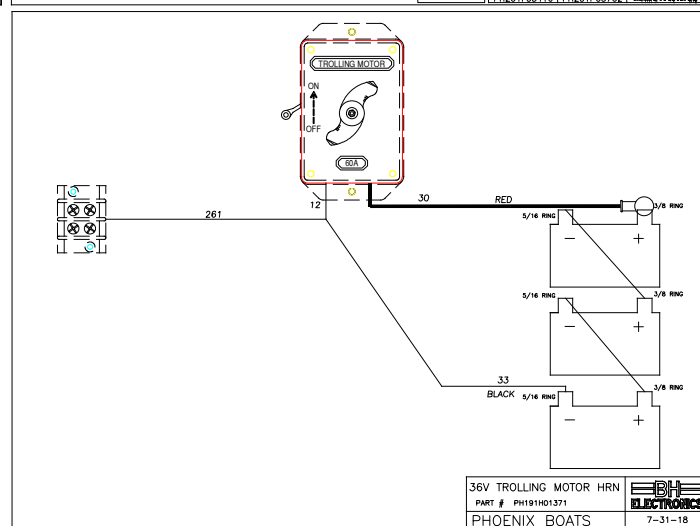
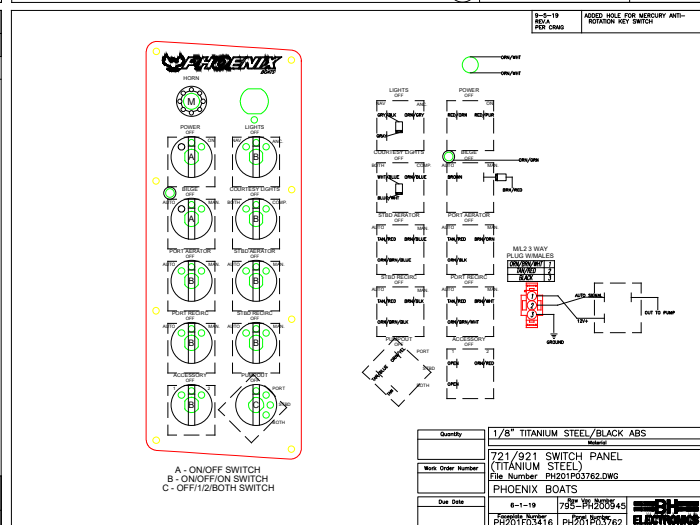
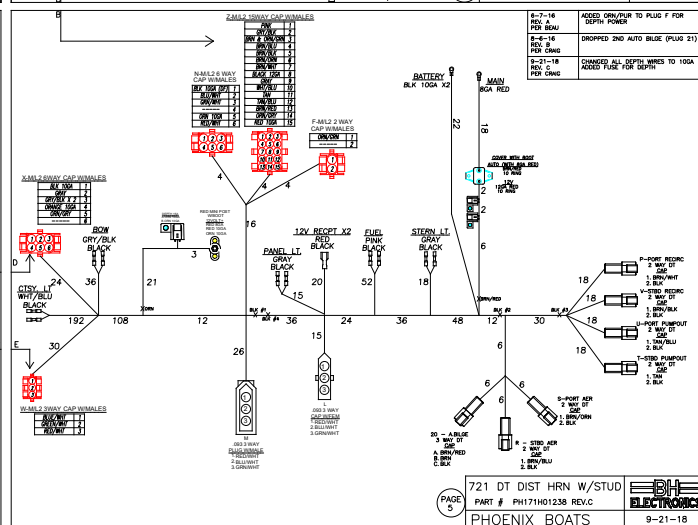
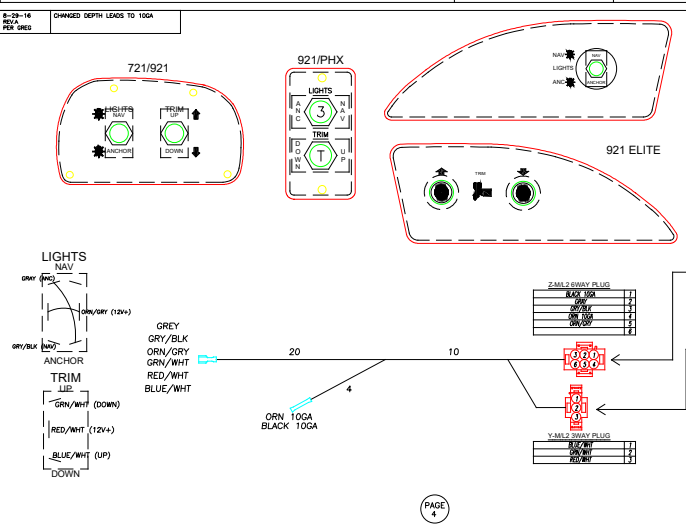
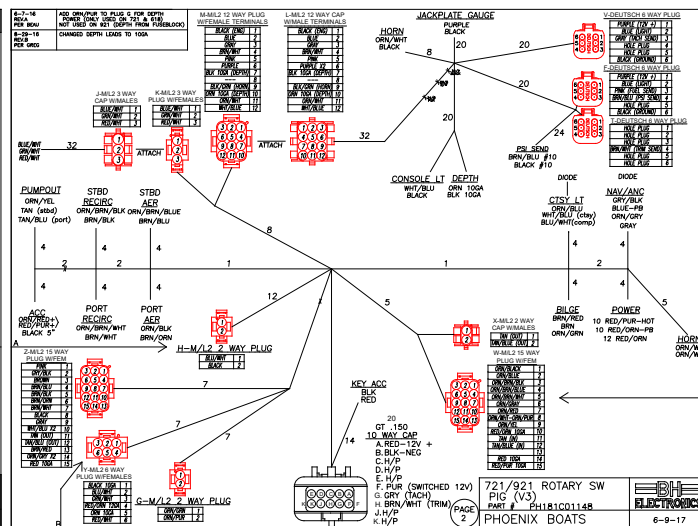
PART # PH191H01371

PHOENIX BOATS

BH
ELECTRONICS

7-31-18





PINK	1
GRY/BLK	2
BROWN	3
BRN/BLU	4
BRN/BLK	5
BRN/ORN	6
BRN/WHI	7
BLACK 12GA	8
GRAY	9
WHI/BLU	10
TAN	11
TAN/BLU	12
BRN/RED	13
ORN/GRY	14
RED 10GA	15

BLK 10GA	1
BLU/WHT	2
GRN/WHT	3
-----	4
ORANGE 10GA	5
RED/WHT	6

ORN/GRN	1
-----	2

Diagram of the rear panel of the 1000 Series 1000W Power Supply. The panel features a top row with two circular ports labeled "BLACK 10GA", a central hexagonal port, and two horizontal slots. Below this is a section with two vertical columns of three circular ports each, labeled "BLACK 10GA X2". The next row has two circular ports labeled "ORN/RED 10GA", a central hexagonal port, and two horizontal slots. The bottom section contains two vertical columns of three circular ports each, labeled "ORANGE 10GA", and a central section with two horizontal slots labeled "5 AMP FUSE X 6". The entire panel is enclosed in a rectangular frame with a central hexagonal cutout.

BLK 10GA	1
GRAY	2
GRY/BLK X	3
ORANGE 10GA	4
ORN/GRY	5
-----	6

ELECTRONICS
BATT FED

GRY/BL
BLACK

RED/PUR
BLACK

PINK
BLACK

BOND
GRN

GRAY
BLACK

Diagram illustrating the assembly of the top of the instrument, showing the placement of various hardware components:

- 5/16 LOCKNUT
- WASHER
- EMPTY
- WASHER
- 5/16 NUT
- 3/8 FLANGE NUT
- WASHER
- WIRES X3
- 3/8 FLANGE NUT
- 3/8 FLANGE NUT
- WASHER
- WIRES X2
- 3/8 FLANGE NUT
- 5/16 LOCKNUT
- WASHER
- 2GA BLACK
- 5/16 NUT

BLUE/WHT	1
GRN/WHT	2
RED/WHT	3

26

A vertical rectangular component with a pointed top and bottom. Inside, there are three circles stacked vertically, numbered 1, 2, and 3 from top to bottom. A line extends from the top of the component to the number 26.

S3
.093 3 WAY
PLUG W/MALE
1. RED/WHT
2. BLU/WHT
3. GRN/WHT

.093 3 WAY
CAP W/FEM
1. RED/WHT
2. BLU/WHT
3. GRN/WHT

BRN/RED	1
BRN/RED	2

RED/ORN	10	GA
RED/PUR	14	GA

8GA RED
(MAIN)

20-BILGE 1		N-S FILL		M-S PUMP		L-S REC		K-P REC		H-P PUMP		G-P FILL		21-BILGE 2	
DT 3 WAY CAP	DT 2 WAY CAP	DT 2 WAY CAP	DT 2 WAY CAP	DT 2 WAY CAP	DT 2 WAY CAP	DT 2 WAY CAP	DT 2 WAY CAP	DT 2 WAY CAP	DT 2 WAY CAP	DT 2 WAY CAP	DT 2 WAY CAP	DT 2 WAY CAP	DT 2 WAY CAP	DT 3 WAY CAP	DT 3 WAY CAP
A.BRN/RED	1.BRN/BLU	1.BRN/BLK	1.TAN	1.BRN/BLK	1.BRN/WHT	1.TAN/BLU	1.BRN/ORN	A.BRN/RED	1.BRN/BLU	1.TAN/BLU	1.BRN/ORN	1.BRN/ORN	A.BRN/RED	1.BRN/BLU	1.TAN/BLU
B.BRN	2.BLK	2.BLK	2.BLK	2.BLK	2.BLK	2.BLK	2.BLK	B.BRN	2.BLK	2.BLK	2.BLK	2.BLK	B.BRN	2.BLK	2.BLK
C.BLACK								C.BLACK					C.BLACK		

ATTACH PANEL PH161P03377

PART # PH241H01659

==BH== ELECTRONICS

5-2-23

ACC 1 & 2
ORN
ORN/PUR
BLK X2

BLUEWATER 22MM
DUETSCH SWITCH
HOUSING

1- 12V+ OUT
2- HOLE PLUG
3- 12V+ IN
4- BACKLIGHT
5- GROUND
1&3-DTP
2,4,&5-DT
746-90533914

M-M/L2 12 WAY PLUG
W/FEMALE TERMINALS

BLACK X2 (ENG)	1
BLUE (NAV)	2
GRAY	3
BRN/WHT	4
PINK	5
PURPLE (IGN) X2	6
BLK 10GA (DEPTH)	7
---	8
BLK/GRN (HORN)	9
ORN 10GA (DEPTH)	10
ORN/WHT	11
WHT/BLUE	12

ATTACH TO LAYOUT PAGE 1

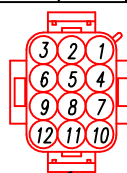
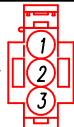
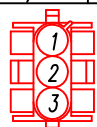
ATTACHED ASSEMBLY BH241A0560
NEGATIVE -
POSITIVE +

J-M/L2 3 WAY
CAP W/MALES

BLUE/WHT	1
GRN/WHT	2
RED/WHT	3

K-M/L2 3 WAY
PLUG W/FEMALES

BLUE/WHT	1
GRN/WHT	2
RED/WHT	3



32

BLUE/WHT
GRN/WHT
RED/WHT

8

E-DTM 2 WAY PLUG

RED/PUR	1
BLACK	2



3

1

X
R/P

UU
NAV/ANC
N-BLUEWATER 22MM
DUETSCH SW HOUSING

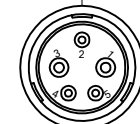
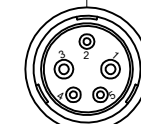
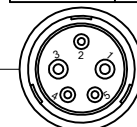
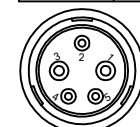
GRAY (ANC)	1
GRY/BLK (NAV)	2
ORN/GRAY	3
BLUE/YEL	4
BLACK	5

RR
BILGE 1
K-BLUEWATER 22MM
DUETSCH SW HOUSING

BROWN	1
HOLE PLUG	2
BRN/RED	3
BLUE/YEL	4
BLACK	5

SS
POWER
L-BLUEWATER 22MM
DUETSCH SW HOUSING

TOR/ORN (OUT)	1
HOLE PLUG	2
TOR/ORN (IN)	3
BLUE/YEL	4
BLACK	5



WW
CTS/COMP LIGHTS
V-BLUEWATER 22MM
DUETSCH SW HOUSING

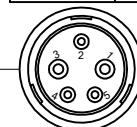
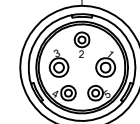
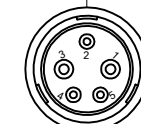
BLU/WHT (COMP)	1
WHT/BLU (CTS)	2
ORN/BLUE	3
BLUE/YEL	4
BLACK	5

TT
HORN
L-BLUEWATER 22MM
DUETSCH SW HOUSING

ORN/WHT (HORN)	1
HOLE PLUG	2
WHT/ORN	3
BLUE/YEL	4
BLACK	5



BILGE LT
ORN/GRN
BLK



SWITCH LIGHTS
BLUE/YEL X2

1
X
U/Y

3

BLK X

X
R/O

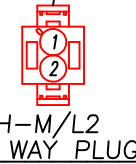
5

KEY ACC
BLK
PURPLE

14

8

12



H-M/L2 2 WAY PLUG

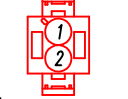
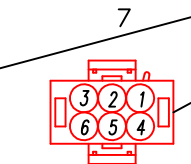
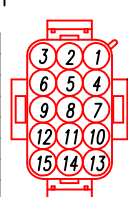
BLU/WHT	1
BLACK	2

G-M/L2 2 WAY PLUG

ORN/GRN	1
BLUE/YEL	2

Y-M/L2 6 WAY
PLUG W/FEMALES

BLACK 10GA	1
BLU/WHT	2
GRN/WHT	3
RED/ORN 12GA	4
ORN 10GA	5
RED/WHT	6



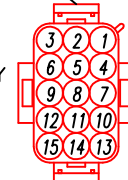
X-M/L2 2 WAY
CAP W/MALES

TAN (OUT)	1
TAN/BLUE (OUT)	2

BLACK (ENG-)
GRAY (TACH)
BRN/WHT (TRIM)
PURPLE (IGN+)

W-M/L2 15 WAY
PLUG W/FEM

ORN/BLACK	1	ORN/YEL	9
ORN/BLUE	2	RED/ORN 10GA	10
ORN/BRN/BLK	3	TAN (IN)	11
ORN/BRN/BLUE	4	TAN/BLUE (IN)	12
ORN/BLK/WHT	5	---	13
ORN/GRAY	6	RED 10GA	14
ORN/RED	7	RED/PUR 10GA	15
WHT/ORN	8		



XE PUSH BUTTON SWITCH
PIG
PART # PH241C01353
PHOENIX BOATS

BH ELECTRONICS
11-18-22