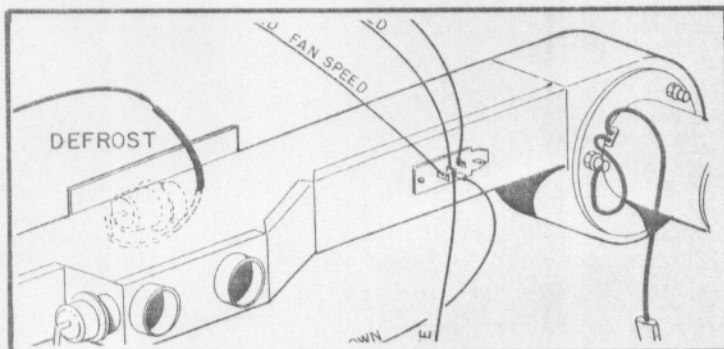
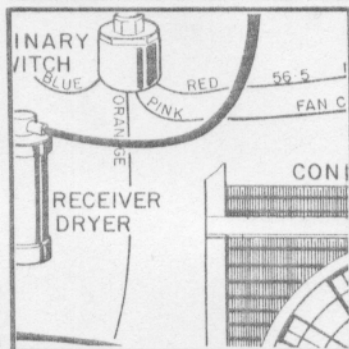
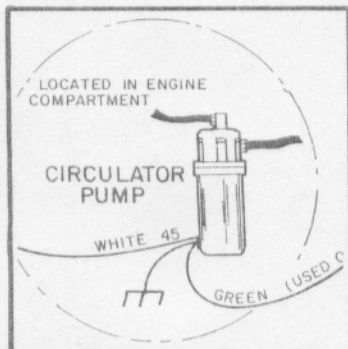
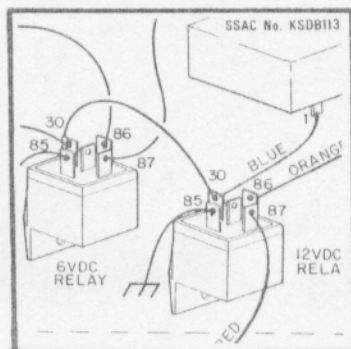
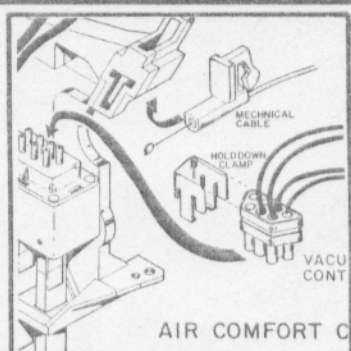




BEAVER COACHES INC.



SERVICE manual

Retain in your coach at all times.

GENERAL INDEX

ISSUED JAN 1995

NOTE: WHEN USING DRAWINGS PROVIDED HERE IN, CONSIDER THAT YOUR COACH MAY OR MAY NOT CONTAIN ALL OF THE COMPONENTS SHOWN, DEPENDING ON MODEL AND OPTIONS.

DESCRIPTION	DRAWING NUMBER	NO. of SHEETS
<i>Patriot</i>		
• FRONT WIREWALL COMPONENT IDENTIFICATION	P-001	1
• 220/110 VAC SOURCES TO BREAKER PANEL (EXTERNAL POWER CORD, TRANSFER RELAY AND GENERATOR.	95022	1
• PRIMARY 12 VOLT SYSTEM / COMPONENT LOCATIONS	48666	2
• PRIMARY DC DISTRIBUTION	E-0033	1
• IGNITION SYSTEM	48667	2
• BRAKE LIGHT SCHEMATIC	48678	1
• 12V DC DISTRIBUTION	95033	4
• TURN SIGNAL, TAIL, HEADLIGHT AND CLEARANCE LIGHTS	48675	1
• RIGHT DASH PANEL WIRING DIAGRAM	48517	1
• 110 VAC OUTPUT DISTRIBUTION (ALL PATRIOTS)	48518	1
• 110 VAC OUTPUT DISTRIBUTION FROM INVERTER (ALL PATRIOTS)	48518	1
• ELECTRICAL BAY	48519	1

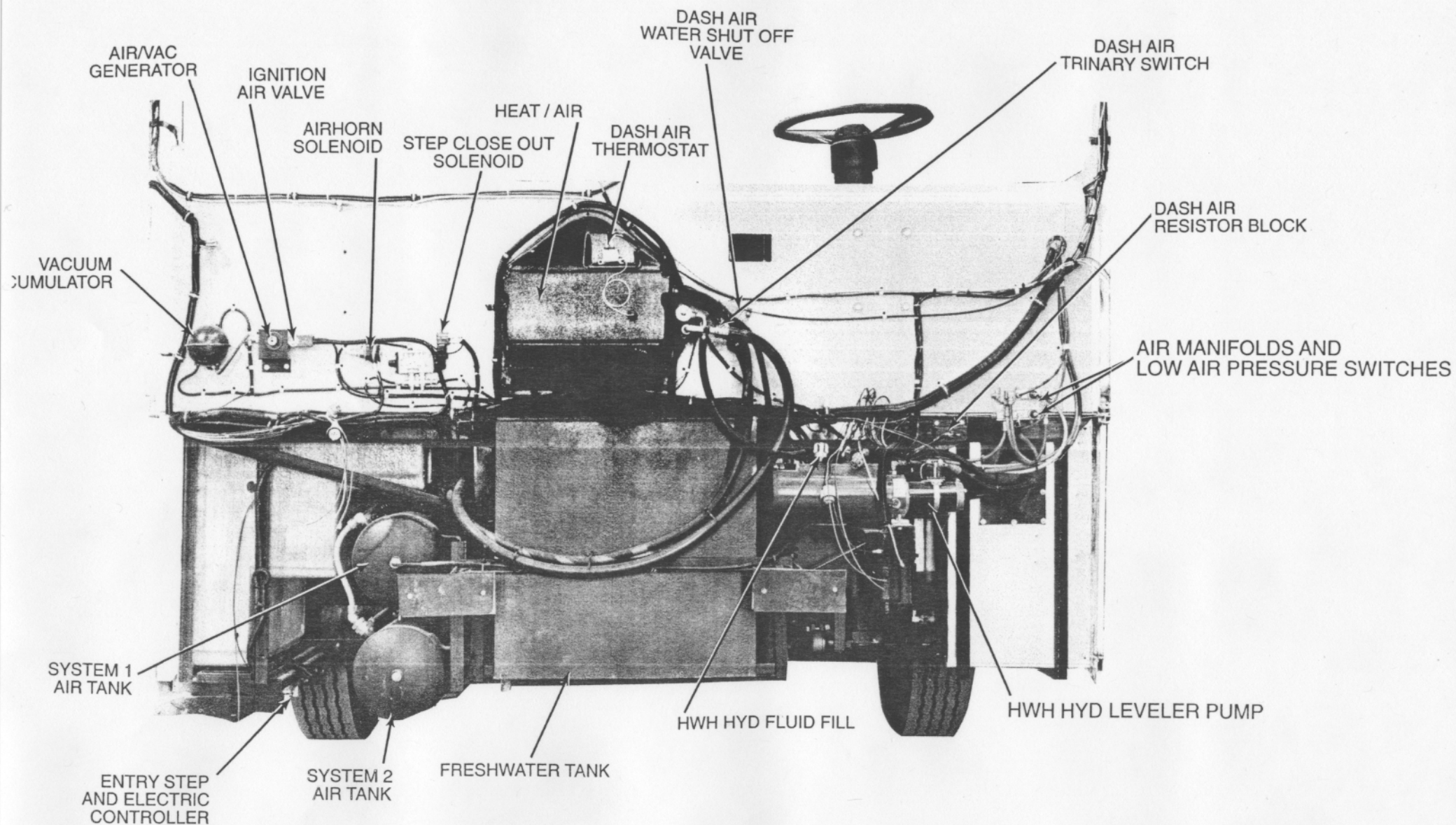


Photo taken November 21, 1994

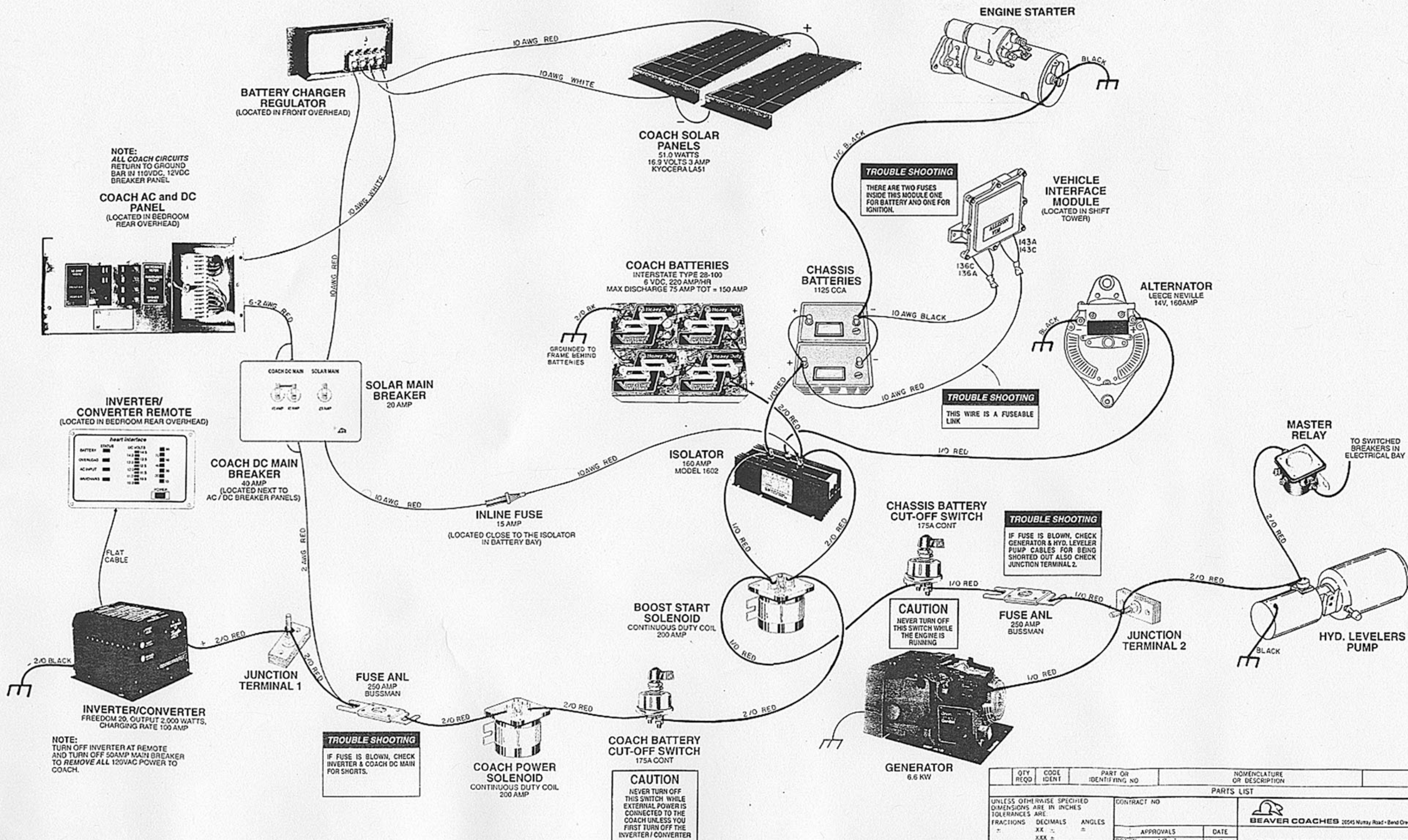
PATRIOT



SERVICE MANUAL
BEAVER MOTOR COACHES

TITLE: **FRONT FIREWALL**

REVISIONS			
ZONE	LTR	DESCRIPTION	DATE



QTY REQD	CODE IDENT	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION
PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CONTRACT NO	
FRACTIONS	DECIMALS	ANGLES	
XX	XXX		
MATERIAL		APPROVALS	DATE
		DRAWN '80	10-5-94
		CHECKED EM	10-11-94
FINISH			
ALL U.S.A. PATRIOTS		SIZE	CODE IDENT NO
		D	DRAWING NO.
			48666

BEAVER COACHES 20545 Murray Road • Bend Oregon 97701 • 503-

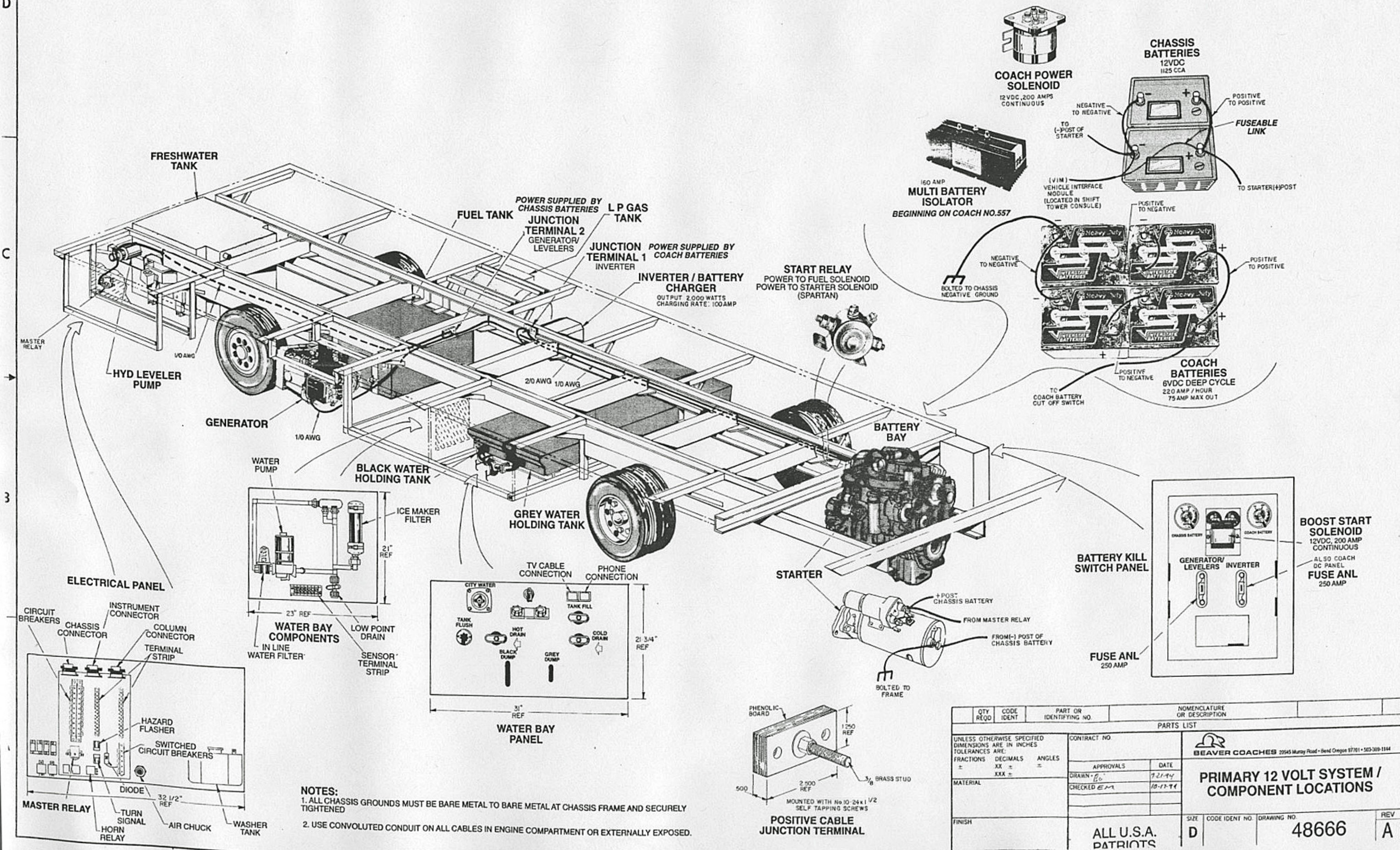
PRIMARY 12 VOLT SYSTEM
COMPONENT LOCATIONS

REVISIONS				DATE	APPROVED
ZONE	LTR	DESCRIPTION			
	A	CORRECTED BATTERY CONNECTION WHICH GOES TO BATTERY CUT OFF SWITCH FROM COACH BATTERIES.		1/30/95	

D

C

3



8

7

6

5

4

3

2

1

REVISIONS			
ZONE	LTR	DESCRIPTION	DATE

D

D

C

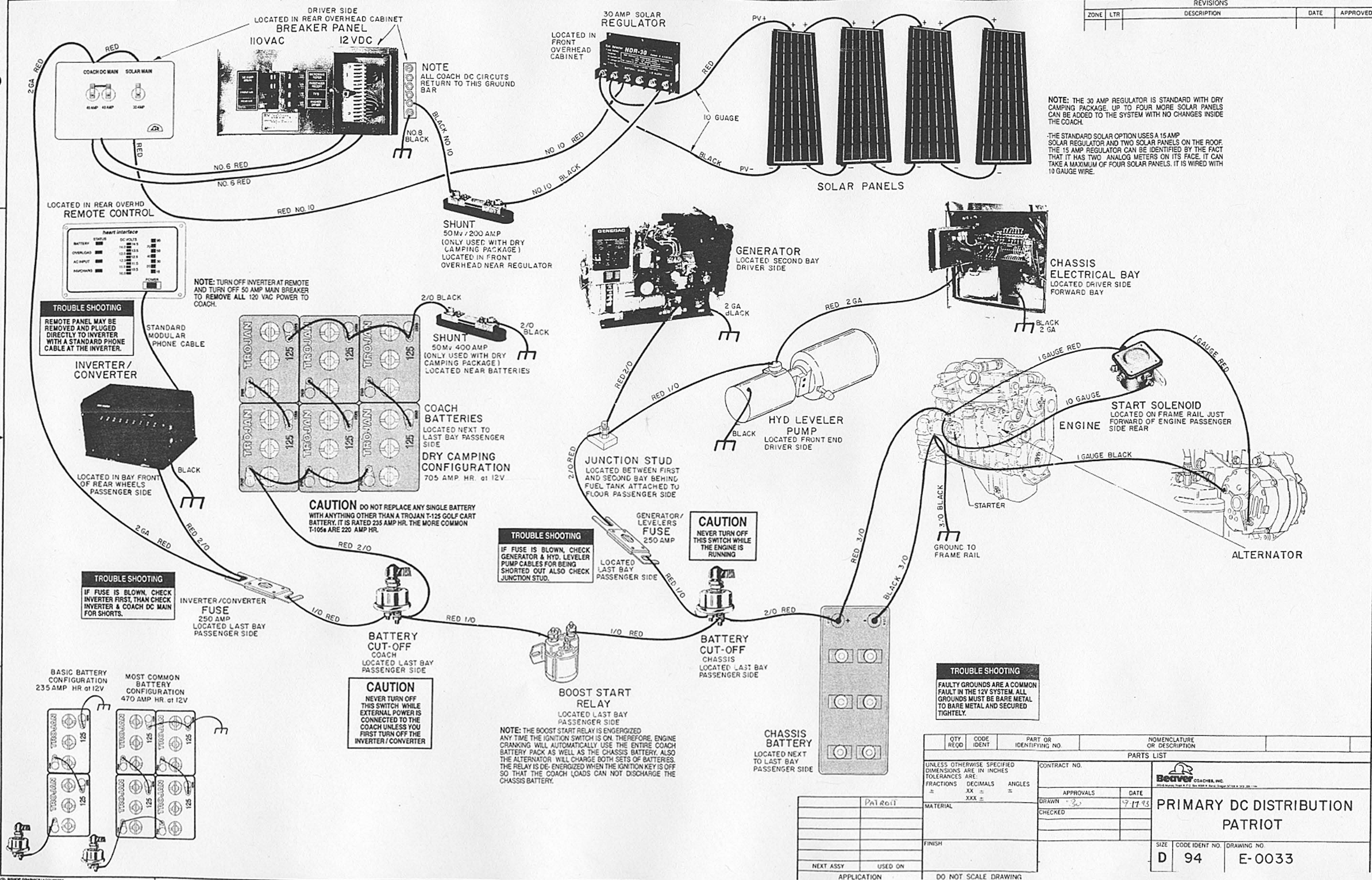
C

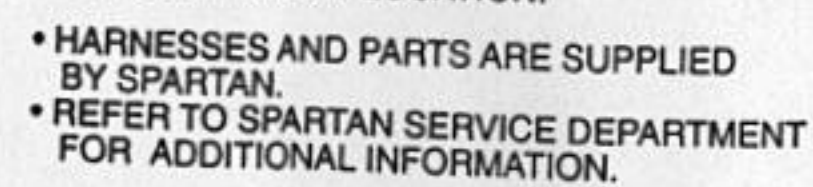
B

B

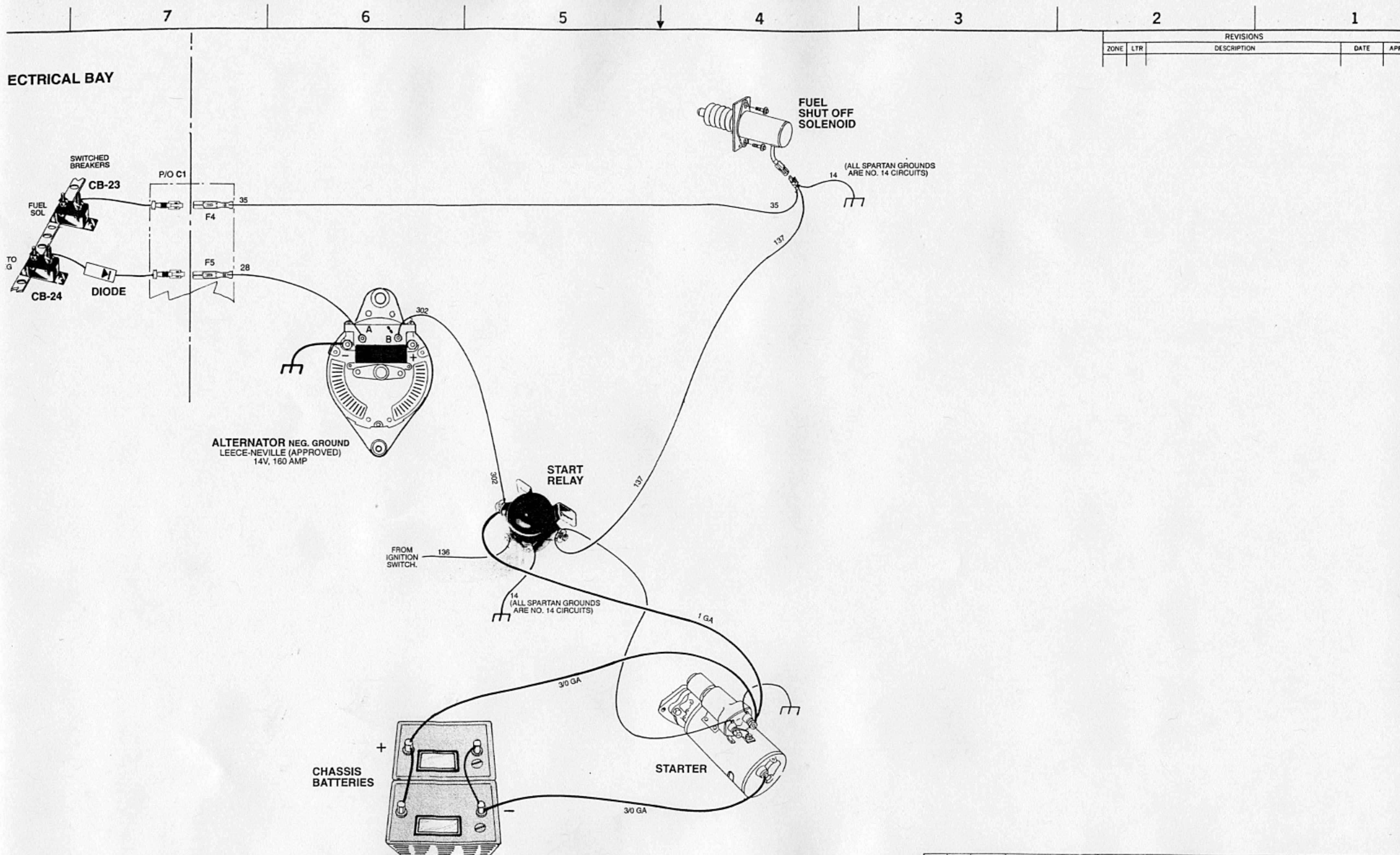
A

A





QTY REQD	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± XX ± ± XXX ±		CONTRACT NO.  BEAVER COACHES 20545 Murray Road • Bend Oregon 97701 • 503-386-1344	
MATERIAL		APPROVALS	DATE
		DRAWN <i>JS</i>	10-29-94
		CHECKED <i>EM</i>	11-16-94
FINISH		IGNITION SYSTEM - PATRIOT SIZE CODE IDENT NO. DRAWING NO. D 48667	
DO NOT SCALE DRAWING		SCALE SHEET 1 OF 2	



NOTE:SEE DRAWING NO. 48666 SHT. 2 FOR COMPONENT LOCATION.

• HARNESSES AND PARTS ARE SUPPLIED BY SPARTAN.

QTY REQD	CODE IDENT	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:			CONTRACT NO.	
FRACTIONS	DECIMALS	ANGLES	APPROVALS	DATE
±	XX ±	±	DRAWN 10-27-94	10-30
	XXX ±		CHECKED EM	11-16-94
MATERIAL				
FINISH				
			SIZE	DRAWING NO.
			D	48667

BEAVER COACHES 20545 Murray Road • Bend Oregon 97701 • 503-389-
IGNITION SYSTEM - PATRIOT

7

6

5

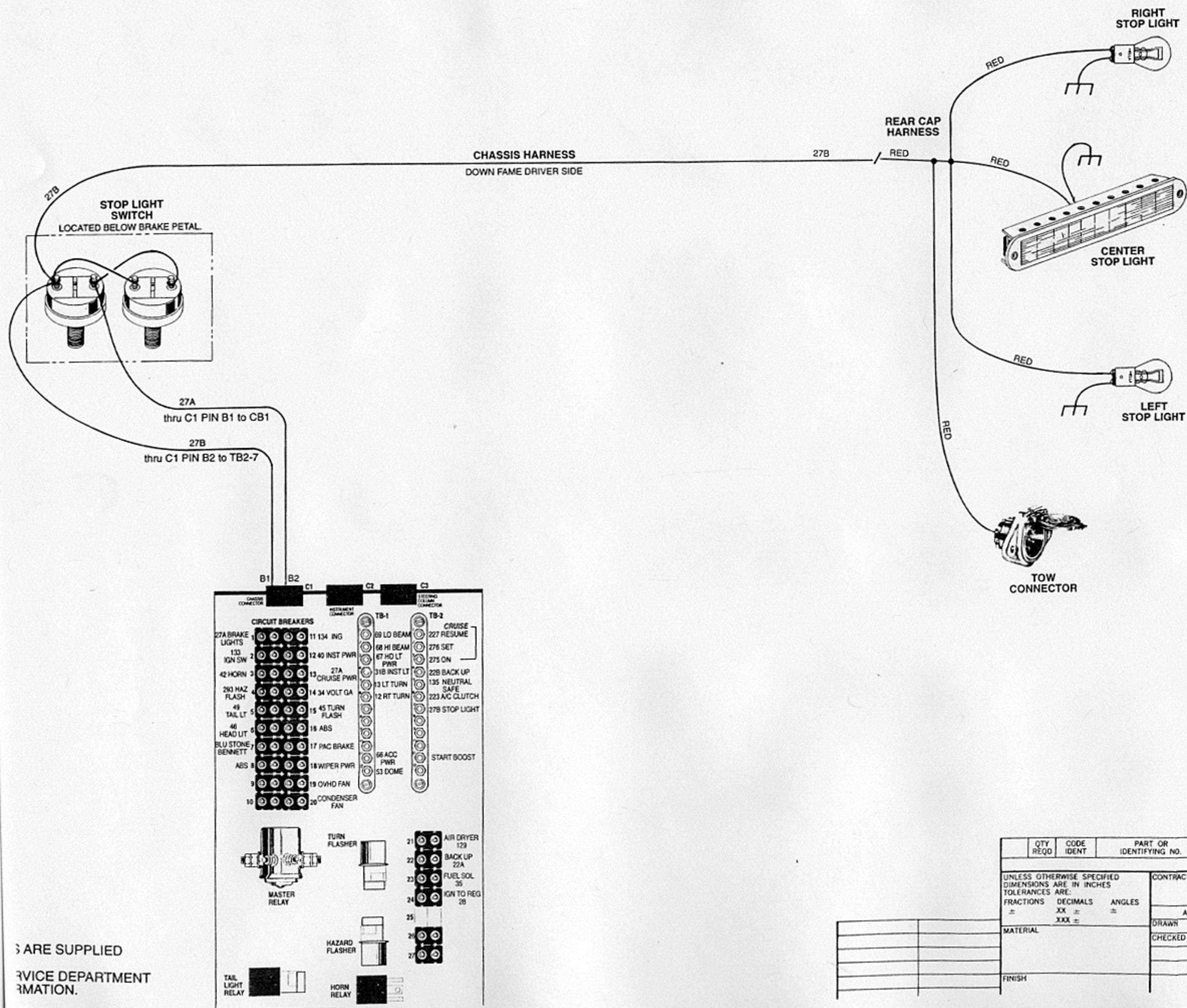
4

3

2

1

REVISIONS				DATE	APPROVED
ZONE	LTR	DESCRIPTION			

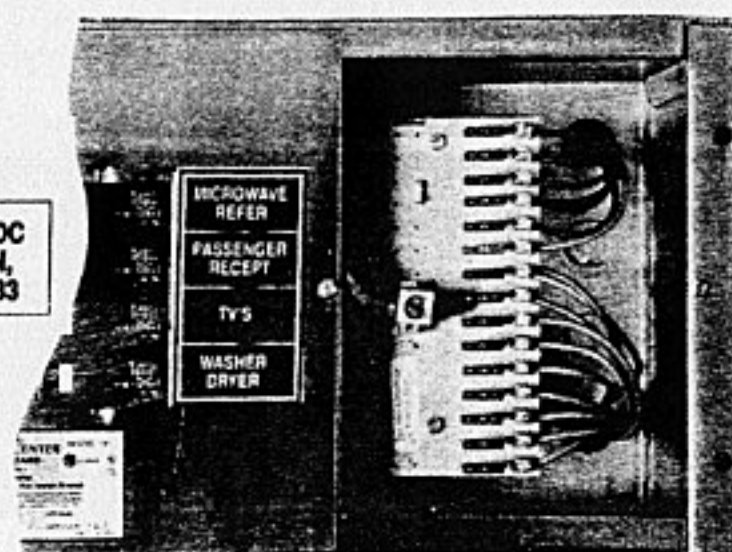
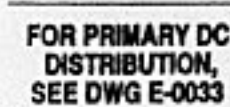


QTY	REQD	CODE	IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES					
CONTRACT NO.					
APPROVALS					
DATE					
DRAWN					
CHECKED					
MATERIAL					
FINISH					
SIZE CODE IDENT NO. DRAWING NO.					



BRAKE LIGHT SCHEMATIC, PATRIOT

REVISIONS		
ZONE	LTR	DESCRIPTION

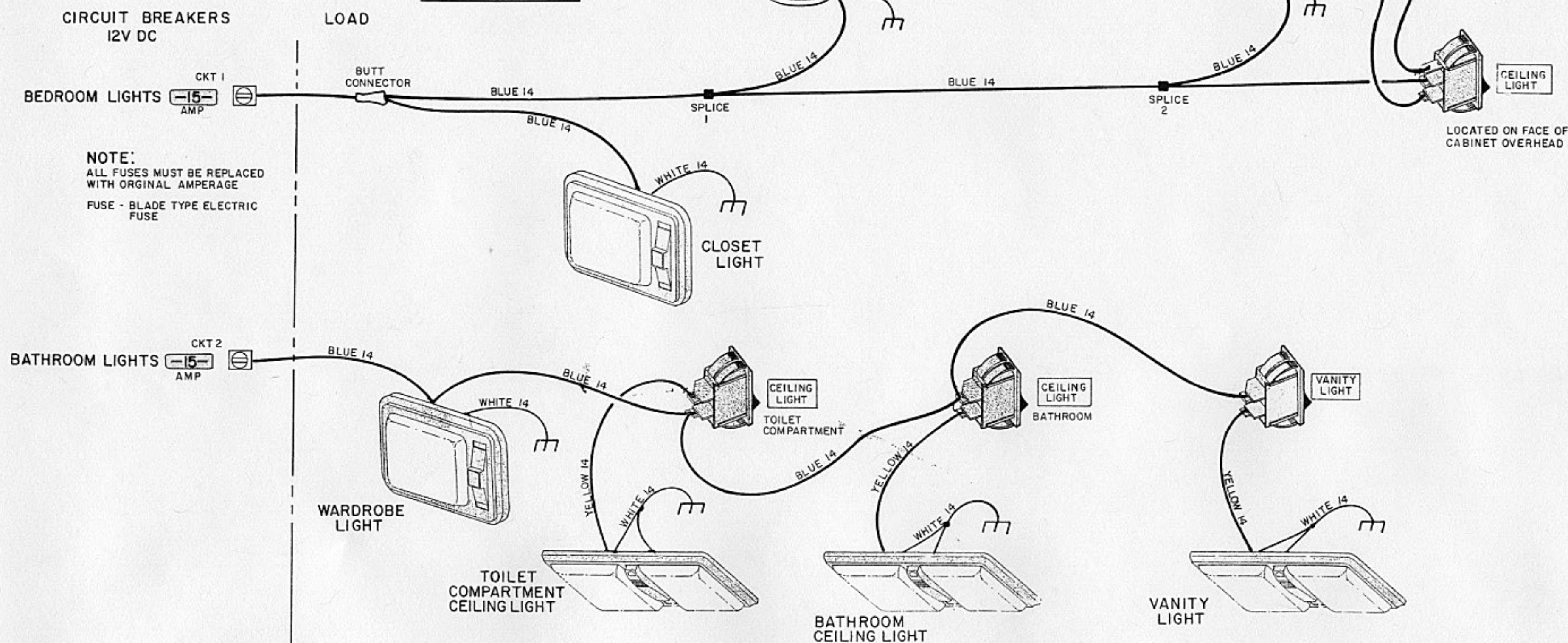


**AC AND DC BREAKER PANEL
LOCATED IN BEDROOM REAR
OVERHEAD CABINET, DRIVER
SIDE**

15	AMP	BEDROOM LIGHTS	FUSE (15) CKT 1
15	AMP	BATHROOM LIGHTS	FUSE (15) CKT 2
15	AMP	KITCHEN LIGHTS	FUSE (15) CKT 3
15	AMP	LIVING ROOM LIGHTS, PORCH	FUSE (15) CKT 4
15	AMP	RAY LIGHTS, TV OUTLET	FUSE (15) CKT 5
15	AMP	CB, RADIO, DASH STEREO, BOOST	FUSE (15) CKT 6
15	AMP	KITCHEN, BATH FANS	FUSE (15) CKT 7
20	AMP	REFRIGERATOR	FUSE (15) CKT 8
15	AMP	FURNACE	FUSE (15) CKT 9
15	AMP	WATER PUMP, WATER HEATER	FUSE (15) CKT 10
7.5	AMP	HERMISTATS, LP GAS, CO. DETECTORS	FUSE (15) CKT 11
15	AMP	START BOOST, TV POWER FEED	FUSE (15) CKT 12
	AMP		FUSE (15) CKT 13
	AMP		FUSE (15) CKT 14
	AMP		FUSE (15) CKT 15

NOTE:

ALL GROUNDS RETURN TO GROUND BAR BEHIND THE AC / DC PANEL WHICH IS GROUNDED TO THE COACH CHASSIS.



CONTINUED ON SHEET 2

	QTY REQD	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	
				PARTS LIST	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± ± .XXX ±			CONTRACT NO.		 Beaver COACHES, INC. 17000 Murray Road • P.O. Box 9399 • Bend, Oregon 97709 • 503-399-1144
MATERIAL			APPROVALS	DATE	
			DRAWN <i>BB</i>	12-23-93	
			CHECKED		
FINISH					12V DC DISTRIE (PATRIOT
					SIZE CODE IDENT NO. DRAWING NO. D 94 95

REVISIONS			
ZONE	LTR	DESCRIPTION	DATE

CIRCUIT BREAKERS 12 VDC

LOAD

KITCHEN LIGHTS
CKT 3
15 AMP

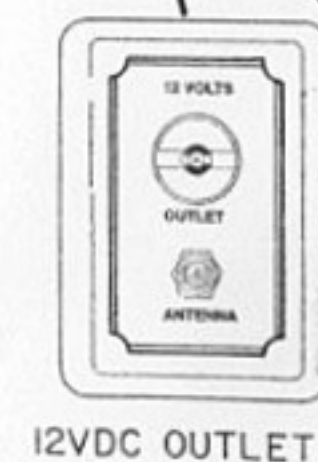
NOTE:
ALL GROUNDS RETURN
TO GROUND BAR BEHIND
THE A/C, D/C BREAKER
PANEL WHICH IS GROUNDED
TO THE COACH CHASSIS

TROUBLE SHOOTING

FAULTY GROUNDS ARE A COMMON
FAULT IN THE 12V SYSTEM. ALL
GROUNDS MUST BE BARE METAL
TO BARE METAL AND SECURED
TIGHTLY.

LIVING ROOM LIGHTS, PORCH
CKT 4
15 AMP

BAY LIGHTS, TV OUTLET
CKT 5
15 AMP



12VDC OUTLET

KITCHEN OVERHEAD
LIGHT

KITCHEN

DINETTE

DINETTE LIGHT

UNDER CABINET LIGHT

READING LIGHTS
DRIVER SIDE

READING LIGHTS
PASSENGER SIDE

CEILING LIGHT

PORCH LIGHT

PASS THRU BAY LIGHTS
DRIVERS SIDE

PASS THRU BAY LIGHTS

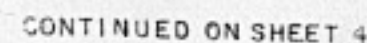
HEADLIGHT
SWITCH

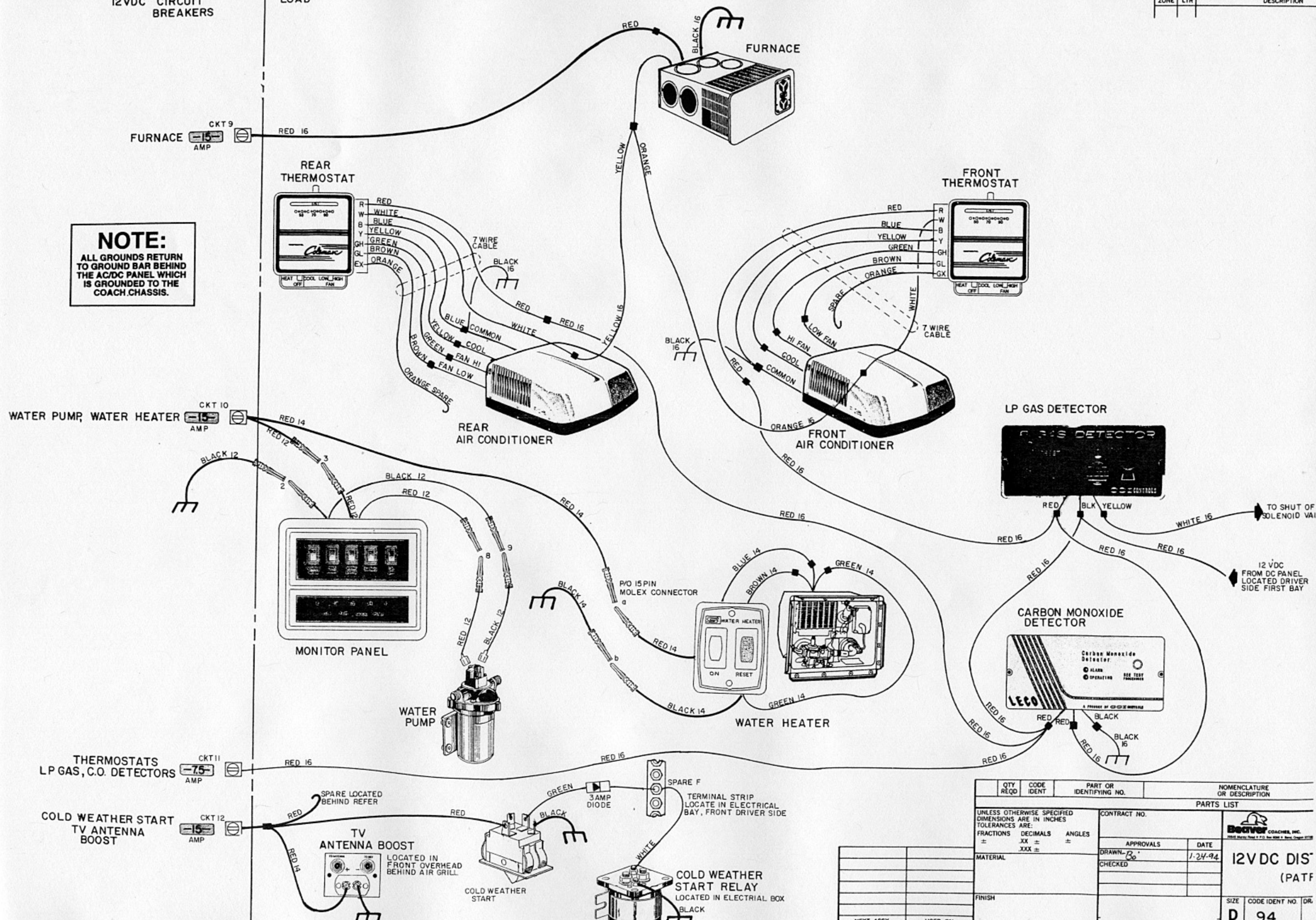
RELAY
LOCATED BEHIND
DASH

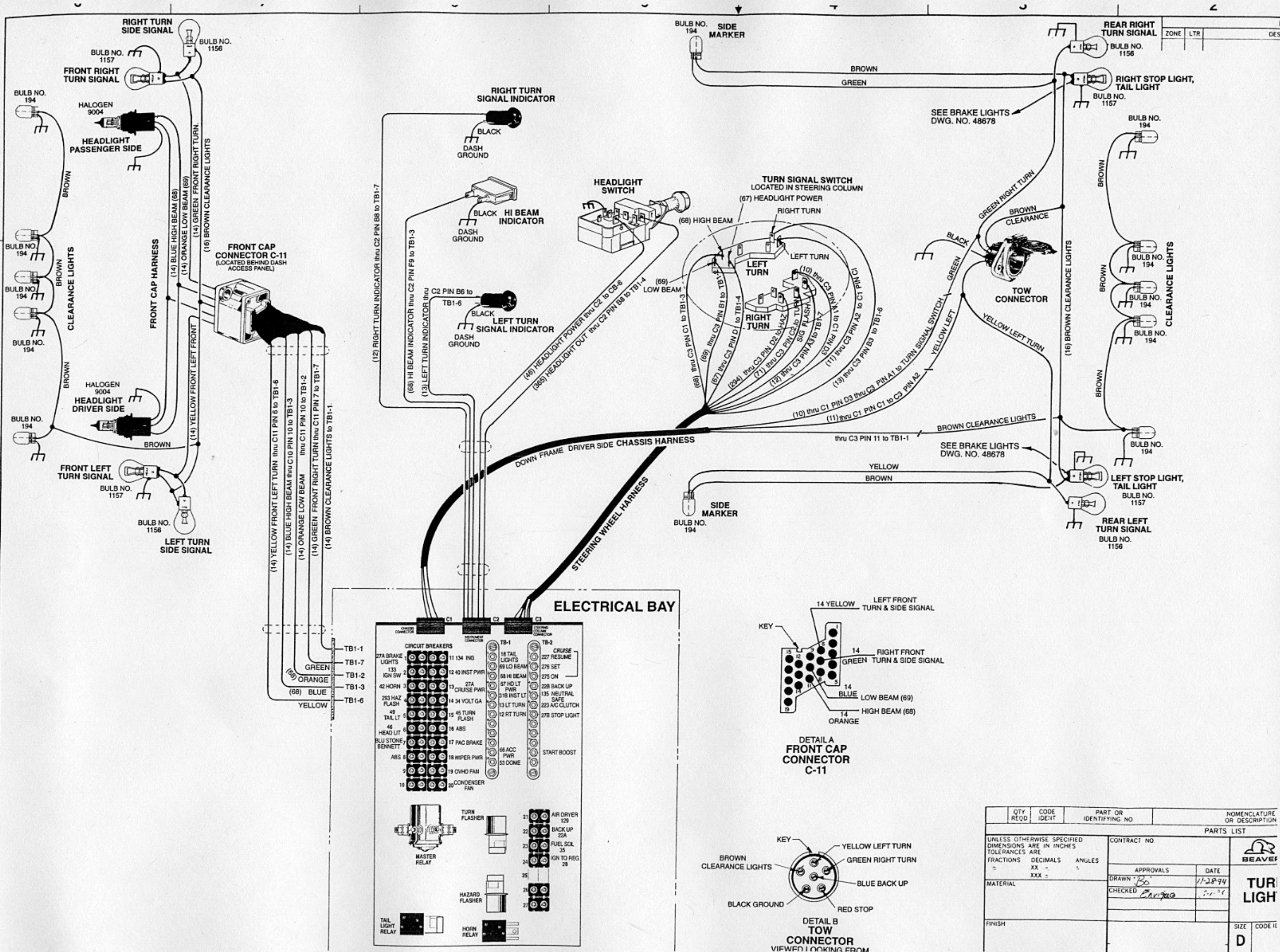
BREAKER
LOCATED ELECTRICAL BAY, DRIVER
SIDE

12VDC
CHASSIS
BATTERY

QTY REQD	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± .XXX ±			
MATERIAL		CONTRACT NO.	APPROVALS
FINISH		DRAWN 180	CHECKED
		DATE 1-14-94	
		12V DC DISTRIBUTION (PATRIOT)	
SIZE	CODE IDENT NO.	DRAWING NO.	REV
D	94	95033	







QTY REQD	CODE IDENT	PART OR IDENTIFYING NO		NOMENCLATURE OR DESCRIPTION		
				PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± XX - ° XXX -			CONTRACT NO.		 TUR LIGH	
			APPROVALS			DATE
			DRAWN <i>Bo</i>			11-28-94
			CHECKED <i>Enrique</i>			11-28-94
MATERIAL						
FINISH			SIZE CODE II D			

REVISION		ZONE	LTR	DESCRIPTION

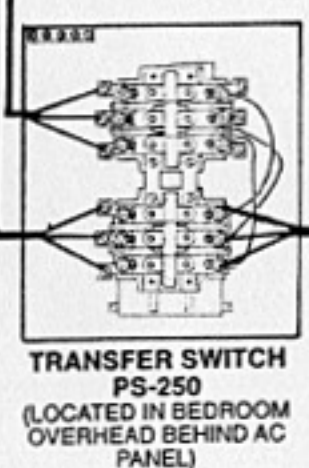
D

C

B

A

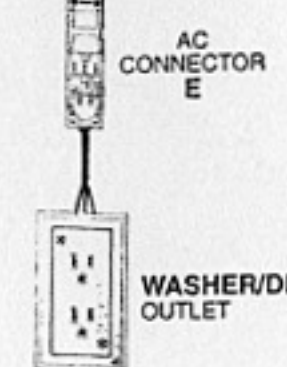
GENERATOR INPUT
EXTERNAL POWER INPUT



- INVERTER/CONVERTER 30 AMP NONMETALIC, SHIELDED CONDUCTOR, 10-2, W/ GROUND
- WASHER/DRYER 15 AMP NONMETALIC, SHIELDED CONDUCTOR, 14-2, W/ GROUND
- REFRIGERATOR 15 AMP NONMETALIC, SHIELDED CONDUCTOR, 14-2, W/ GROUND
- PASSENGER OUTLETS 15 AMP

110VAC
BREAKER PANEL
(LOCATED IN BEDROOM
OVERHEAD DRIVER SIDE)

FRONT AIR 20 AMP
REAR AIR 20 AMP



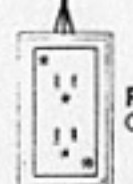
NIGHT STAND
OUTLET
PASSENGER SIDE



ENGINE PREHEAT
(ENGINE COMPARTMENT
DRIVER SIDE)



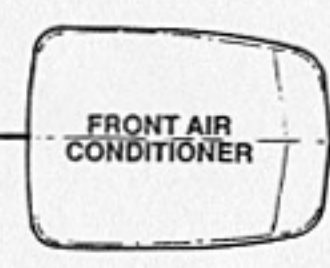
REAR AIR
CONDITIONER



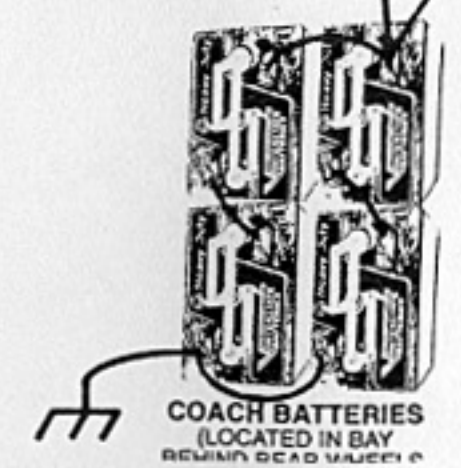
REFRIGERATOR
OUTLET



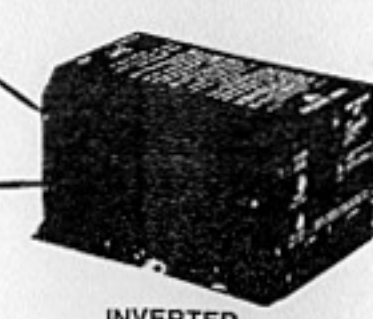
PANTRY
OUTLET



FRONT AIR
CONDITIONER



COACH BATTERIES
(LOCATED IN BAY
BEHIND DEAD WEIGHT)



INVERTER
(LOCATED IN CENTER
BAY PASSENGER SIDE)

NOTE:
FOR ADDITIONAL LOCATION OF
COMPONENTS AND CABLE RUNS
SEE DRAWING No. 48666 2 SHTS

QTY REQD	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION		
			PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONS DECIMALS ANGLES XX . XXX .		CONTRACT NO	 BEAVER CO.		
		APPROVALS			DATE
		DRAWN <i>JD</i>			12.2.94
		CHECKED <i>E H</i>			12.1.94
MATERIAL			110 VAC C		
FINISH			SIZE	CODE IDENT NO.	
			D		

110 VAC C

