

NOTE:
 1) REFER TO DWG. #52005577 FOR HARNESS SPECIFICATION.
 2) PC BOARD CONNECTOR (B1) IS TO BE LABELED PLUG# (3,4, & 6) IN BLUE INK.
 3) PC BOARD CONNECTOR (B2) IS TO BE LABELED PLUG# (34 & 35) IN RED INK.
 4) PLUG# P43-WDC IS TO BE LABELED PLUG# "43" IN BLACK INK.

ITEM	VENDOR	PART NO.	DESCRIPTION
1	AMP	173851-1 XX	MULTILOCK CONNECTOR, 070 12P FEMALE TERMINALS, TIN/BRONZE
2	AMP	173850-1 XX	MULTILOCK CONNECTOR 070 8P FEMALE TERMINALS, TIN/BRONZE
3	AMP	172134-1 XX	FASTON CONNECTOR, 250 4P FEMALE TERMINALS, .250
4	AMP	XX	TERMINAL, FEMALE FASTON, 250 FULLY INSULATED
5	AMP	X	RING TERMINAL #10 STUD, 16-14 AWG INSULATED
6	AMP	174460-1 XX	MULTILOCK CONNECTOR, 070 2P MALE TERMINALS, TIN/BRONZE
7	AMP	174923-1 XX	MULTILOCK CONNECTOR 070 6P FEMALE TERMINALS, TIN/BRONZE
8	AMP	172129-1 XX	FASTON CONNECTOR, 250 2P MALE TERMINALS, .250
9	AMP	174465-1 XX	MULTILOCK CONNECTOR 070 10P FEMALE TERMINALS, TIN/BRONZE
10	AMP	174932-1 XX	MULTILOCK CONNECTOR 070 10P MALE TERMINALS, TIN/BRONZE
11	AMP	172127-1 XX	FASTON CONNECTOR, 250 1P MALE TERMINALS, .250
12	AMP	XX	BUTT CONNECTOR, 14-16 AWG

REMOVED J65 & REPLACED WITH BUTT CONNECTORS

REV D ERN 45127-1

7/27/05 JJC MIG
66892-1 DJH
DATE BY CP

THOMAS BUILT BUSES, INC.
HIGH POINT, NC
TOLERANCE UNLESS OTHERWISE NOTED

THIRD ANGLE PROJECTION	DECIMAL ± .015 XX .015 XX .06 X .1	FRACTIONAL ± 1/32	ANGULAR ± 1°
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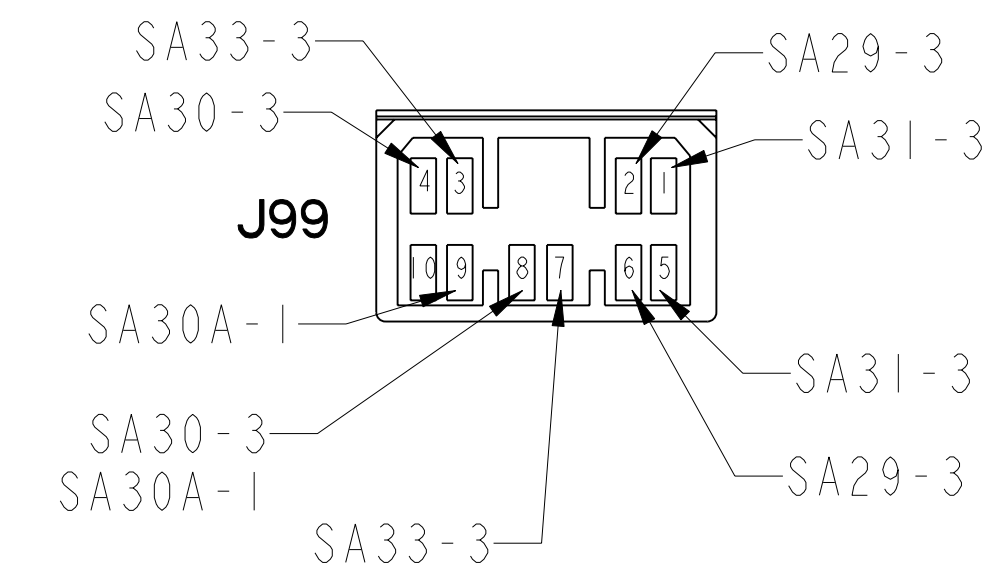
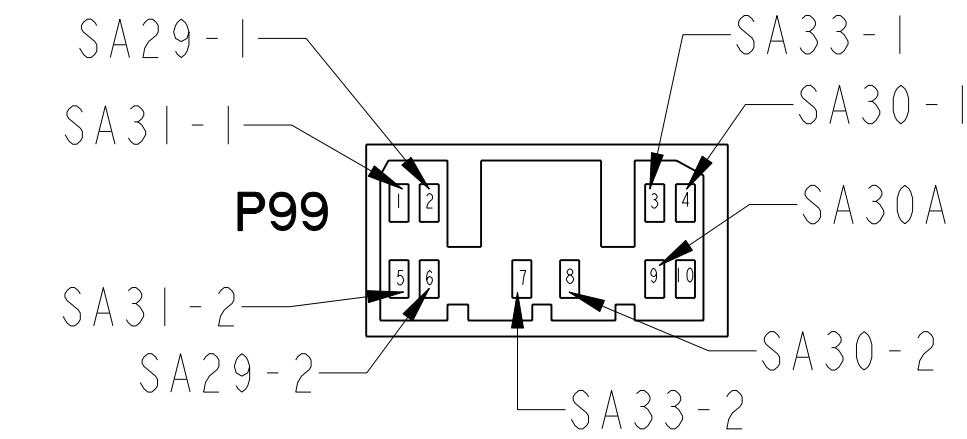
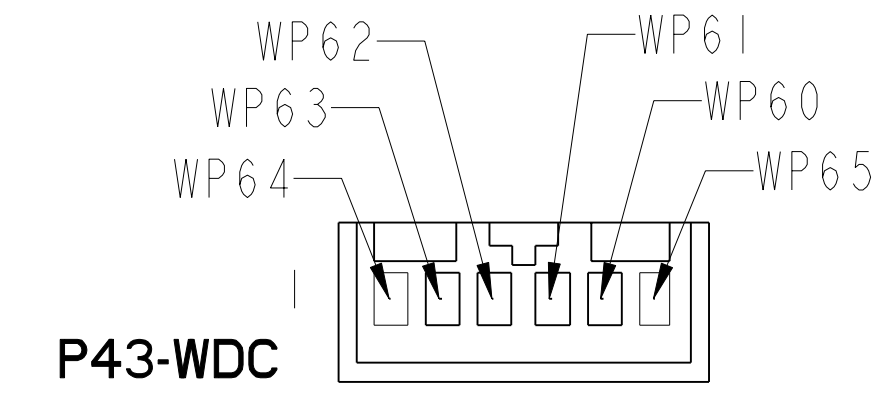
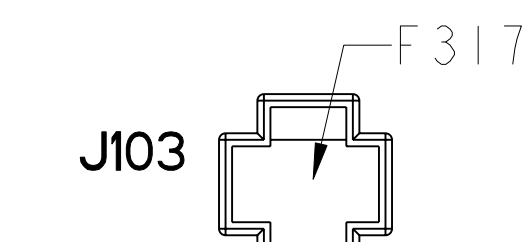
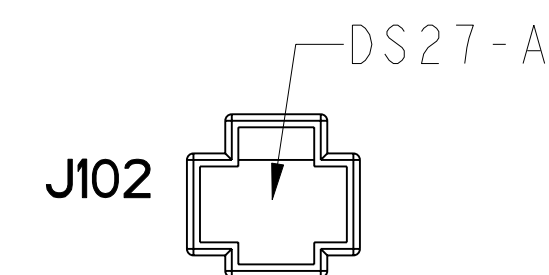
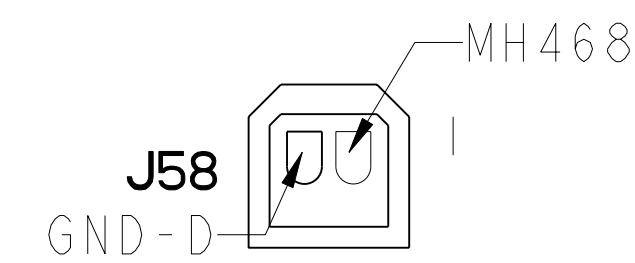
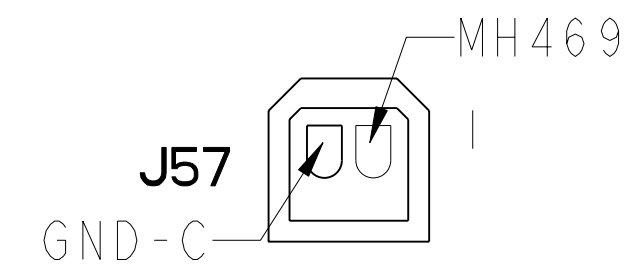
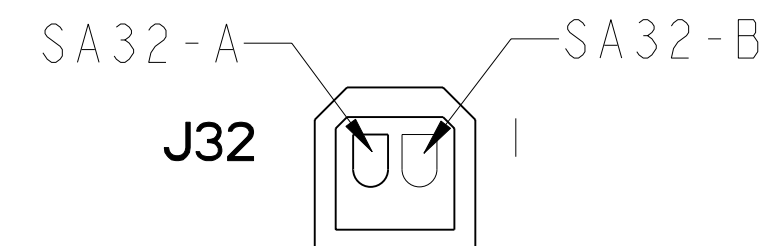
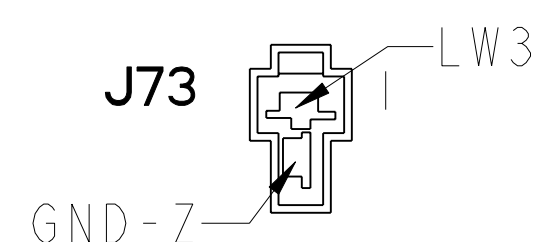
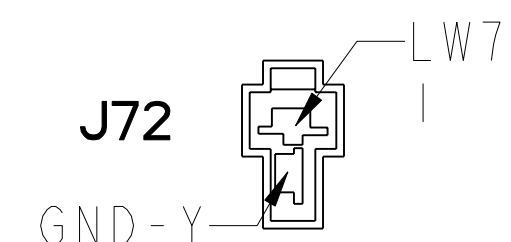
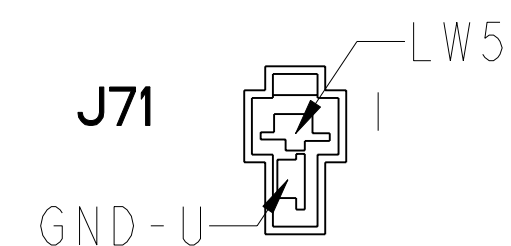
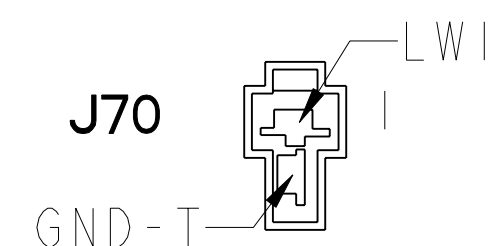
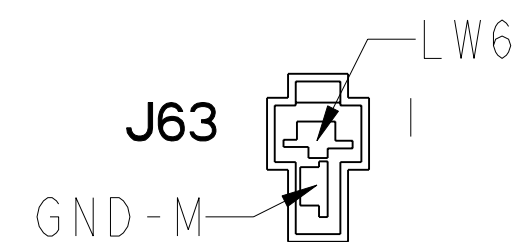
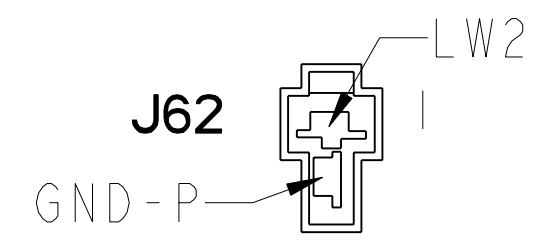
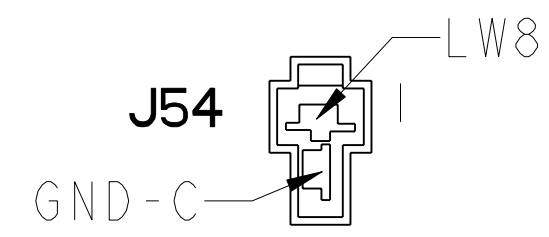
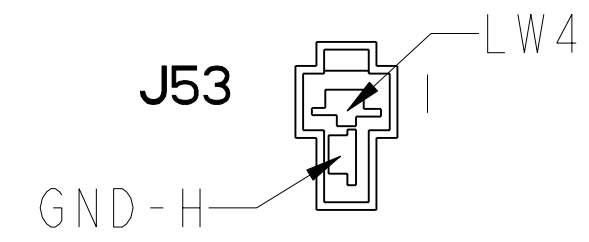
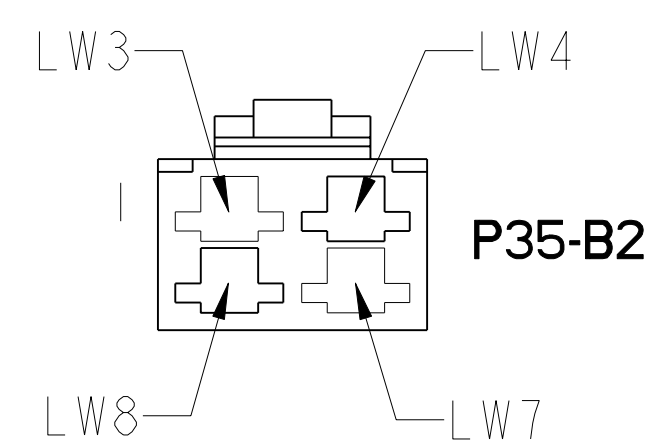
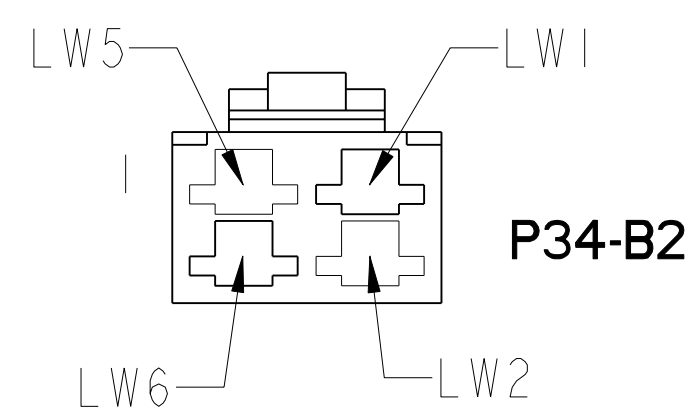
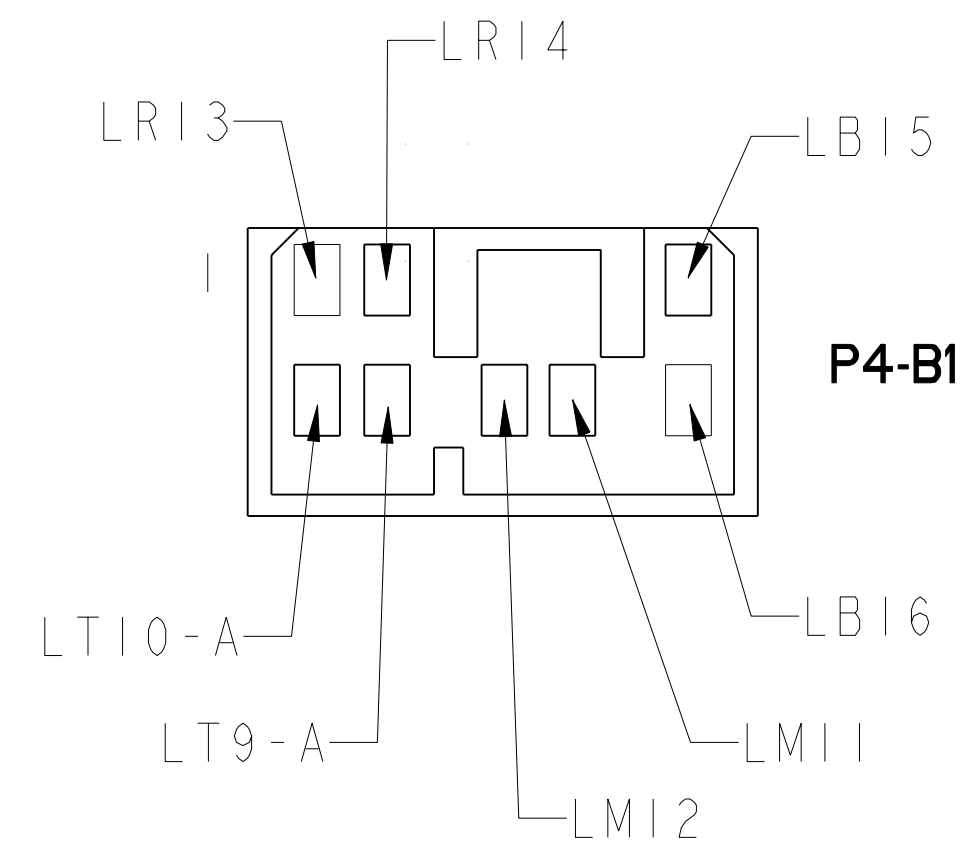
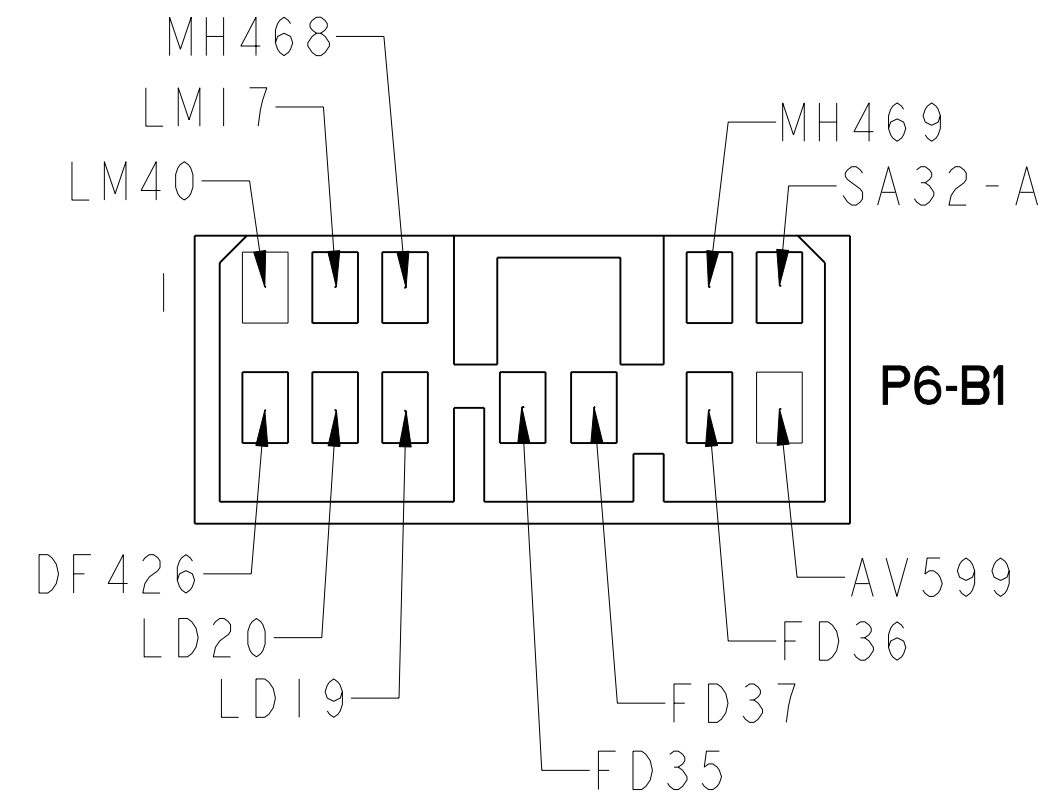
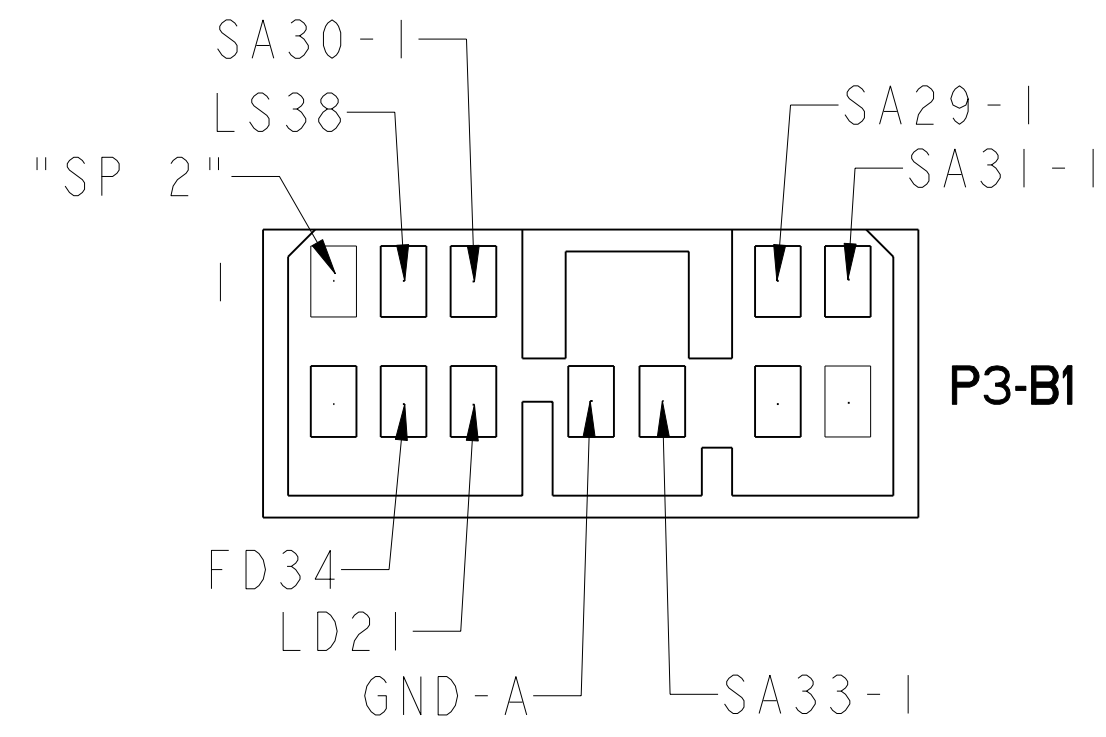
WIRING HARNESS, FRONT-REAR, PC BOARD, CONVENTIONAL, 9 WINDOW

DRN: 10/9/02 OCS MATERIAL: SEE NOTE #1 01

ENGR/DESIGNER OCS SIZE DWG. NO. SHEET 1 OF 4
DRAWING SCALE D 52005997

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CONNECTOR FACE VIEW

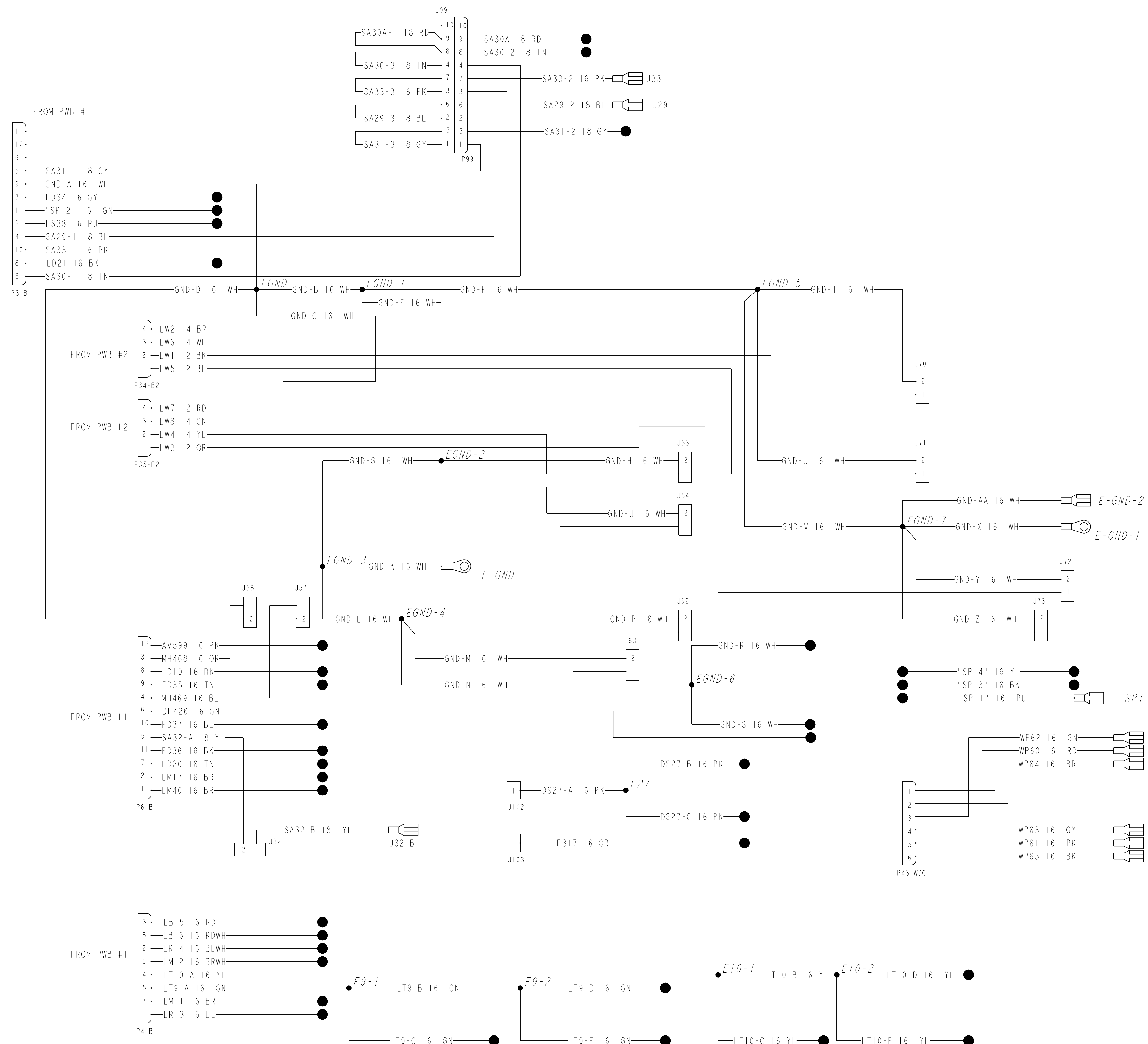


NOTE:

- 1) SUFFIX (B1) ON CONNECTORS INDICATES BODY PC BOARD 1, CONNECTORS ARE TO BE LABELED PLUG (#) IN BLUE INK
- 2) SUFFIX (B2) ON CONNECTORS INDICATES BODY PC BOARD 2, CONNECTORS ARE TO BE LABELED PLUG (#) IN RED INK.

E REMOVED J65 & REPLACED WITH BUTT CONNECTORS			
REV D ERN 45127-1		7/27/05	JGC M18
LET	REVISION	DATE	BY
THOMAS BUILT BUSES, INC.			
HIGH POINT, NC			
TOLERANCE UNLESS OTHERWISE NOTED			
THIRD ANGLE PROJECTION	DECIMAL ± .015	FRACTIONAL ± 1/32	ANGULAR ± 1°
WIRING HARNESS, FRONT-REAR, PC BOARD, CONVENTIONAL, 9 WINDOW			
DRN: 10/9/02	OCS	MATERIAL: SEE NOTE #1	03
ENGR/DESIGNER	OCS	SIZE	DWG. NO. SHEET 2 OF 4
DRAWING SCALE		D	52005997

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NOTE:
 1) ON WIRE DIAGRAM, SUFFIX (- LETTER) IS FOR PRO/E ROUTING PURPOSES ONLY, STAMPING ON WIRES WILL CONTAIN ONLY CKT. CODE LISTED IN TABLE.
 2) TRUNK OF CIRCUITS LD19 & LD21 ARE 14 AWG.
 3) VENDOR MAY RELOCATE THE SPLICE POSITIONS AS NECESSARY, TO MORE CLOSELY DUPLICATE THE HARNESS LAYOUT (SHEET ONE).

E REMOVED J65 & REPLACED WITH BUTT CONNECTORS			
REV D ERN 45127-1		7/27/05	JGC MIG
		6/28/02	DJH
THOMAS BUILT BUSES, INC.		HIGH POINT, NC	
TOLERANCE UNLESS OTHERWISE NOTED			
THIRD ANGLE PROJECTION	DECIMAL ± .015	FRACTIONAL ± 1/32	ANGULAR ± 1°
WIRING HARNESS, FRONT-REAR, PC BOARD, CONVENTIONAL, 9 WINDOW			
DRN: 10/9/02	OCS	MATERIAL: SEE NOTE #1	03
ENGR/DESIGNER: JTZ	OCS	SIZE: D	DWG. NO.: SHEET 9 OF 4
DRAWING SCALE		52005997	

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WIRE CKT CODE	(FROM) CONNECTOR	FROM PIN NO.	(TO) CONNECTOR	TO PIN NO.	COLOR	GAUGE	CIRCUIT DESCRIPTION
AV599	P6-B1	12		1	PK	16	L.E.D. PILOT LIGHT
DF426			P6-B1	6	GN	16	DOOR CONTROLLER (OPEN)
DS27-A	J102	1	E27	2	PK	16	IDENTIFICATION SIGN
DS27-B	E27	2		1	PK	16	IDENTIFICATION SIGN
DS27-C	E27	2		1	PK	16	IDENTIFICATION SIGN
F317	J103	1		1	OR	16	HATCH FAN
FD34	P3-B1	7		1	GY	16	FAN
FD35	P6-B1	9		1	TN	16	FAN
FD36	P6-B1	11		1	BK	16	FAN
FD37	P6-B1	10		1	BL	16	FAN
GND-A	P3-B1	9	EGND	1	WH	16	GROUND
GND-AA	EGND-7	2	E-GND-2	1	WH	16	GROUND
GND-B	EGND-1	1	EGND	1	WH	16	GROUND
GND-C	EGND	1	J57	2	WH	16	GROUND
GND-D	EGND	1	J58	2	WH	16	GROUND
GND-E	EGND-1	2	EGND-2	1	WH	16	GROUND
GND-F	EGND-1	2	EGND-5	1	WH	16	GROUND
GND-G	EGND-2	1	EGND-3	2	WH	16	GROUND
GND-H	J53	2	EGND-2	2	WH	16	GROUND
GND-J	J54	2	EGND-2	2	WH	16	GROUND
GND-K	EGND-3	2	E-GND	1-A	WH	16	GROUND
GND-L	EGND-3	2	EGND-4	1	WH	16	GROUND
GND-M	EGND-4	2	J63	2	WH	16	GROUND
GND-N	EGND-4	1	EGND-6	1	WH	16	GROUND
GND-P	J62	2	EGND-4	1	WH	16	GROUND
GND-R	EGND-6	1		1	WH	16	GROUND
GND-S			EGND-6	2	WH	16	GROUND
GND-T	EGND-5	1	J70	2	WH	16	GROUND
GND-U	J71	2	EGND-5	2	WH	16	GROUND
GND-V	EGND-5	2	EGND-7	1	WH	16	GROUND
GND-X	EGND-7	2	E-GND-1	1-A	WH	16	GROUND
GND-Y	EGND-7	2	J72	2	WH	16	GROUND
GND-Z	EGND-7	2	J73	2	WH	16	GROUND
LB15	P4-B1	3		1	RD	16	RIGHT BRAKE LIGHT
LB16	P4-B1	8		1	RDWH	16	LEFT BRAKE LIGHT
LD19	P6-B1	8		1	BK	16	INTERIOR LIGHTS
LD20	P6-B1	7		1	TN	16	DRIVER'S LIGHT
LD21	P3-B1	8		1	BK	16	INTERIOR LIGHTS
LM11	P4-B1	7		1	BR	16	RIGHT TAIL LIGHT
LM12	P4-B1	6		1	BRWH	16	LEFT TAIL LIGHT
LM17	P6-B1	2		1	BR	16	MARKER LIGHTS (REAR)
LM40	P6-B1	1		1	BR	16	MARKER LIGHTS (SIDE)
LR13	P4-B1	1		1	BL	16	RIGHT BACK-UP LIGHT
LR14	P4-B1	2		1	BLWH	16	LEFT BACK-UP LIGHT
LS38	P3-B1	2		1	PU	16	STROBE LIGHT
LT10-A	P4-B1	4	E10-1	1	YL	16	LEFT TURN SIGNAL (REAR & FRONT SIDE)
LT10-B	E10-1	2	E10-2	1	YL	16	LEFT TURN SIGNAL (REAR & FRONT SIDE)
LT10-C	E10-1	2		1	YL	16	LEFT TURN SIGNAL (REAR & FRONT SIDE)
LT10-D	E10-2	2		1	YL	16	LEFT TURN SIGNAL (REAR & FRONT SIDE)
LT10-E	E10-2	1		1	YL	16	LEFT TURN SIGNAL (REAR & FRONT SIDE)
LT9-A	P4-B1	5	E9-1	1	GN	16	RIGHT TURN SIGNAL (REAR & FRONT SIDE)
LT9-B	E9-1	1	E9-2	1	GN	16	RIGHT TURN SIGNAL (REAR & FRONT SIDE)
LT9-C	E9-1	1		1	GN	16	RIGHT TURN SIGNAL (REAR & FRONT SIDE)
LT9-D	E9-2	2		1	GN	16	RIGHT TURN SIGNAL (REAR & FRONT SIDE)
LT9-E	E9-2	2		1	GN	16	RIGHT TURN SIGNAL (REAR & FRONT SIDE)
LW1	P34-B2	2	J70	1	BK	12	LEFT REAR WARNING LIGHT (RED)
LW2	J62	1	P34-B2	4	BR	14	RIGHT FRONT WARNING LIGHT (RED)

LW3	P35-B2	1	J73	1	OR	12	RIGHT REAR WARNING LIGHT (RED)
LW4	P35-B2	2	J53	1	YL	14	LEFT FRONT WARNING LIGHT (RED)
LW5	P34-B2	1	J71	1	BL	12	LEFT REAR WARNING LIGHT (AMBER)
LW6	P34-B2	3	J63	1	WH	14	RIGHT FRONT WARNING LIGHT (AMBER)
LW7	P35-B2	4	J72	1	RD	12	RIGHT REAR WARNING LIGHT (AMBER)
LW8	P35-B2	3	J54	1	GN	14	LEFT FRONT WARNING LIGHT (AMBER)
MH468	P6-B1	3	J58	1	OR	16	LEFT MIRROR HEAT
MH469	P6-B1	4	J57	1	BL	16	RIGHT MIRROR HEAT
SA29-1	P3-B1	4	P99	2	BL	18	REAR DOOR BUZZER (GROUND)
SA29-2	P99	6		1	BL	18	REAR DOOR BUZZER (GROUND)
SA29-3	J99	2	J99	6	BL	18	REAR DOOR BUZZER (GROUND)
SA30-1	P3-B1	3	P99	4	TN	18	PULL CORD OR PUSH OUT SLASH (GROUND)
SA30-2	P99	8		1	TN	18	PULL CORD OR PUSH OUT SLASH (GROUND)
SA30-3	J99	4	J99	8	TN	18	PULL CORD OR PUSH OUT SLASH (GROUND)
SA30A	P99	9		1	RD	18	PULL CORD OR PUSH OUT SLASH (GROUND)
SA30A-1	J99	8	J99	9	RD	18	PULL CORD OR PUSH OUT SLASH (GROUND)
SA31-1	P3-B1	5	P99	1	GY	18	SIDE DOOR BUZZER (GROUND)
SA31-2	P99	5		1	GY	18	SIDE DOOR BUZZER (GROUND)
SA31-3	J99	1	J99	5	GY	18	SIDE DOOR BUZZER (GROUND)
SA32-A	P6-B1	5	J32	2	YL	18	VANDALOCK (GROUND)
SA32-B	J32	1		1	YL	18	VANDALOCK (GROUND)
SA33-1	P3-B1	10	P99	3	PK	16	BUZZER FEED (REAR & SIDE DOOR)
SA33-2	P99	7		1	PK	16	BUZZER FEED (REAR & SIDE DOOR)
SA33-3	J99	3	J99	7	PK	16	BUZZER FEED (REAR & SIDE DOOR)
SP 1		1	SPI	1	PU	16	SPARE WIRE TO FRONT
SP 2	P3-B1	1		1	GN	16	SPARE WIRE TO REAR (BACK-UP LIGHT)
SP 3	S1	A	S2	A	BK	16	SPARE WIRE TO REAR
SP 4	S3	A	S4	A	YL	16	SPARE WIRE TO REAR
WP60	P43-WDC	5		1	RD	16	LEFT WINDSHIELD WIPER (HIGH)
WP61	P43-WDC	4		1	PK	16	RIGHT WINDSHIELD WIPER (HIGH)
WP62	P43-WDC	3		1	GN	16	LEFT WINDSHIELD WIPER (LOW)
WP63	P43-WDC	2		1	GY	16	RIGHT WINDSHIELD WIPER (LOW)
WP64	P43-WDC	1		1	BR	16	LEFT WINDSHIELD WIPER (PARK)

E REMOVED J65 & REPLACED WITH BUTT CONNECTORS			
REV D ERN 45127-1		7/27/05	JGC MIG
		6/28/04	DJH
THOMAS BUILT BUSES, INC.		TOLERANCE UNLESS OTHERWISE NOTED	
THIRD ANGLE PROJECTION	DECIMAL ± .015	FRACTIONAL ± 1/32	ANGULAR ± 1°
WIRING HARNESS, FRONT-REAR, PC BOARD, CONVENTIONAL, 9 WINDOW			
DRN. 10/9/02	OCS	MATERIAL: SEE NOTE #1	03
ENGR/DESIGNER	OCS	SIZE D	DWG. NO. SHEET 4 OF 4
DRAWING SCALE			52005997

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