REV	ECN #	DATE	DESCRIPTION OF CHANGE-IS (WAS)	BY:
A	5218	7/31/96	RELEASED FOR PRODUCTION	DD
B	5565	12/17/96	SEE 05 CONN: TERM# 22 - COMP# C1 (R1) TERM# 23 - COMP# B2 (R1)	PH

8906283

D8 CONNECTIONS

COMPONENT NUMBER	TERMINAL NUMBER	WIRE COLOR	WIRE GA.	COMPONENT NUMBER	TERMINAL NUMBER
D8	1	RED	16	B1	1
D8	2	ORANGE	16	C1	2
D8	3	YELLOW	16	B1	1
D8	4	YELLOW	16	D4	13
D8	5	WHITE	16	C9	3
D8	6	BLUE	16	C9	5
D8	7	YELLOW	16	B2	1
D8	9	BLACK	16	B2	2

D7 CONNECTIONS

COMPONENT NUMBER	TERMINAL NUMBER	WIRE COLOR	WIRE GA.	COMPONENT NUMBER	TERMINAL NUMBER
D7		BLACK	16	B2	2
D7	ELEC. BOX	WHITE	16	C1	4
D7		RED	16	C1	3

C1 CONNECTIONS

COMPONENT NUMBER	TERMINAL NUMBER	WIRE COLOR	WIRE GA.	COMPONENT NUMBER	TERMINAL NUMBER
C1	1	BLACK	20	D4	9
C1	2	BROWN	20	D4	4
C1	3	RED	20	D5	4
C1	4	ORANGE	20	D5	11
C1	5	YELLOW	20	D5	23
C1	6	BLUE	20	D5	18
C1	7	VIOLET	20	D5	12
C1	8	GRAY	20	C8	5
C1	9	WHITE	20	C8	3
C1	10	TAN	20	C8	1
C1	11	WHITE/BLUE	20	C14	3
C1	12	WHITE/BROWN	20	C15	3
C1	17	WHITE/RED	20	C16	3
C1	19	WHITE/YELLOW	20	C17	3
C1	21	WHITE/GREEN	20	C18	3
C1	23	WHITE/BLACK	20	C7	1
C1	25	WHITE/VIOLET	20	C6	1
C1	27	RED/BLACK	20	C6	1
C1	29	RED/YELLOW	20	C4	1
C1	31	RED/GREEN	20	C3	1
C1	33	WHITE/BLACK/RED	20	D5	16
C1	34	WHITE/BLACK/BROWN	20	D5	19
C1	35	WHITE/BLACK/YELLOW	20	D5	17
C1	36,37,38,39	WHITE/GRAY	20	B6	2
C1	40,41,42,43	WHITE/ORANGE	20		

D2 CONNECTIONS

COMPONENT NUMBER	TERMINAL NUMBER	WIRE COLOR	WIRE GA.	COMPONENT NUMBER	TERMINAL NUMBER
D2	BAT. (+)	BLACK	4	B2	1
D2	BAT. (-)	BLACK	4	B2	2

INTERNAL CONNECTIONS

COMPONENT NUMBER	TERMINAL NUMBER	WIRE COLOR	WIRE GA.	COMPONENT NUMBER	TERMINAL NUMBER
CON	1	RED	18	C1	2
CON	1	BLACK	18	C2	4
CON	1	WHITE	18	C3	5
CON	1	BLUE	18	C4	5
CON	2	BLACK	4	C6	2
CON	3	BLACK	4	C7	2
CON	4	BLACK	4	B4	2
CON	5	BLACK	4	B5	2
C1	1	BLACK	18	B6	2
C1	1	RED	18	C1	3
C1	2	RED	18	C2	3
C1	3	RED	18	C3	3
C1	3	RED	18	C4	3
C1	3	RED	18	C5	3
C1	3	RED	18	C6	3
C1	3	RED	18	C7	3
C1	4	BLACK	4	B4	1
C2	1	BLACK	4	C3	4
C2	2	RED	18	C4	2
C2	3	RED	18	C5	FRONT
C2	3	RED	18	C6	FRONT
C2	3	RED	18	C7	2
C2	3	YELLOW	14	F2	SIDE
C2	3	RED	18	C4	2
C2	3	RED	18	C5	FRONT
C2	3	RED	18	C7	2
C2	3	BLUE	18	F2	TIP
C2	3	PINK	18	F4	TIP
C2	4	BLACK	18	C7	4
C2	5	RED	14	C8	2
C2	6	RED	14	C8	6
C2	7	RED	14	C8	4
C2	8	RED	14	F1	SIDE
C2	9	BLACK	14	C8	3
C2	9	BLACK	14	B4	6
C2	10	RED	14	C8	5
C2	11	GRAY	14	F3	TIP
C2	12	RED	18	C3	6
C2	13	RED	18	C4	4
C2	14	RED	18	C4	3
C2	15	RED	14	C8	1
C2	16	ORANGE	18	F3	TIP
C2	17	RED	18	C5	6
C2	18	RED	18	C5	4
C2	19	BLACK	14	B4	5
C2	20	BLACK	14	C7	3
C2	21	RED	18	C6	6
C2	22	RED	14	C8	3
C2	23	BLUE	14	F7	TIP
C2	24	RED	18	C7	6
C2	25	RED	18	C7	4
B1	1	YELLOW	18	F5	TIP
B1	2	BLACK	18	B3	1
B1	3	BLACK	18	B3	3
B1	4	BLACK	18	B3	4
X3	1	RED	18	C5	SHOE
X3	4	RED	18	C6	SHOE
X3	5	RED	18	C7	SHOE
B1	2	YELLOW	18	F6	SIDE

D3 CONNECTIONS

COMPONENT NUMBER	TERMINAL NUMBER	WIRE COLOR	WIRE GA.	COMPONENT NUMBER	TERMINAL NUMBER
D3	VAC. MTR.	BLACK	18	B3	1
D3	VAC. MTR.	RED	18	B3	2
D3	S.S. MTR.	BLACK	18	B3	3
D3	S.S. MTR.	RED	18	B3	4

D4 CONNECTIONS

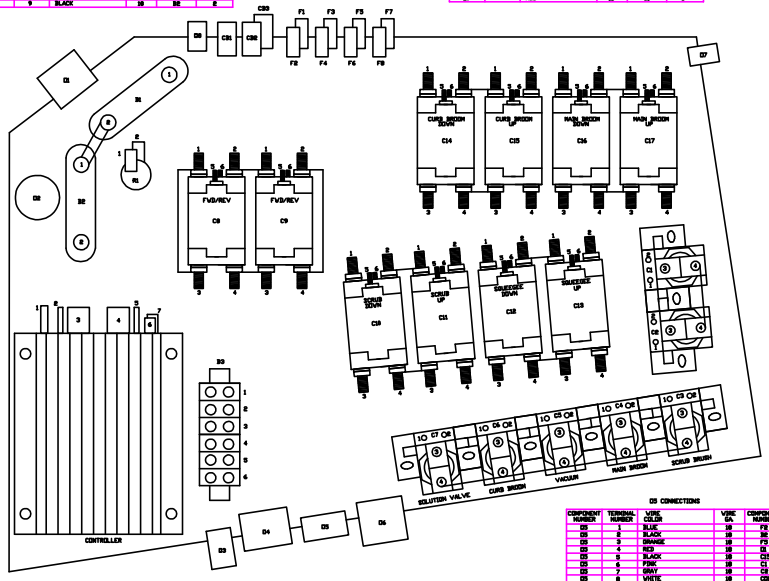
COMPONENT NUMBER	TERMINAL NUMBER	WIRE COLOR	WIRE GA.	COMPONENT NUMBER	TERMINAL NUMBER
D4	1	BLACK	14	C8	3
D4	2	RED	14	F1	TIP
D4	3	BLACK	20	B5	1
D4	4	BROWN	20	D5	2
D4	5	BLACK	14	B6	2
D4	6	YELLOW	14	F3	TIP

D6 CONNECTIONS

COMPONENT NUMBER	TERMINAL NUMBER	WIRE COLOR	WIRE GA.	COMPONENT NUMBER	TERMINAL NUMBER
D6	MTR. GND	BLACK	4	C6	3
D6	MTR. GND	BLACK	4	C9	1
D6	MTR. GND	BLACK	4	C8	4
D6	MTR. GND	BLACK	4	C8	3

D5 CONNECTIONS

COMPONENT NUMBER	TERMINAL NUMBER	WIRE COLOR	WIRE GA.	COMPONENT NUMBER	TERMINAL NUMBER
D5	1	BLUE	18	F2	SIDE
D5	2	BLACK	18	B6	6
D5	3	ORANGE	18	F3	SIDE
D5	4	RED	18	C1	3
D5	5	BLACK	18	C13	4
D5	6	PINK	18	C1	2
D5	7	GRAY	18	C8	2
D5	8	WHITE	18	C8	1
D5	9	BLACK	18	C8	7
D5	10	BLUE	18	C7	SIDE
D5	11	ORANGE	18	C7	2
D5	12	BLACK	18	C12	4
D5	13	YELLOW	18	C12	3
D5	14	BLACK	18	B6	5
D5	15	WHITE/BLACK/YELLOW	18	C1	23
D5	16	WHITE/BLACK/RED	18	C1	33
D5	17	WHITE/BLACK/RED	18	C1	34
D5	18	YELLOW	18	C1	3
D5	19	RED	18	C1	1
D5	20	YELLOW	18	C1	2
D5	21	BLUE	18	B6	4
D5	22	BLACK	18	F2	SIDE
D5	23	BLUE	18	C1	4
D5	24	GRAY	18	F2	SIDE
D5	25	BLUE	18	C1	5
D5	26	BLACK	18	C13	4
D5	27	YELLOW	18	C1	6
D5	28	BLACK	18	B6	1
D5	29	PINK	18	F4	SIDE
D5	30	BLACK	18	B6	7
D5	31	VIOLET	18	C1	7
D5	32	RED	18	C1	5



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.X ±1 / .XX ±.03 / .XXX ±.010 / ANGULAR ± 1° / .X ±.5°
DES. ENG:
ENG. REL: 5218 07/31/96

AAR PowerBoss
Aberdeen, North Carolina 28315
PHONE (910) 944-2105 FAX (910) 944-7409

CAD
BY: D'Quinn
DATE: 7/31/96
DESCRIPTION
DIAGRAM-TC/1 WIRING
PART NO. 323906
REV LEV B
SHT NO. 3 of 3