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1. ABBREVIATIONS, SYMBOLS, COMPONENTS AND WIRE CHARTS (CHAPTER 1)

1.1. ABBREVIATIONS AND SYMBOLS

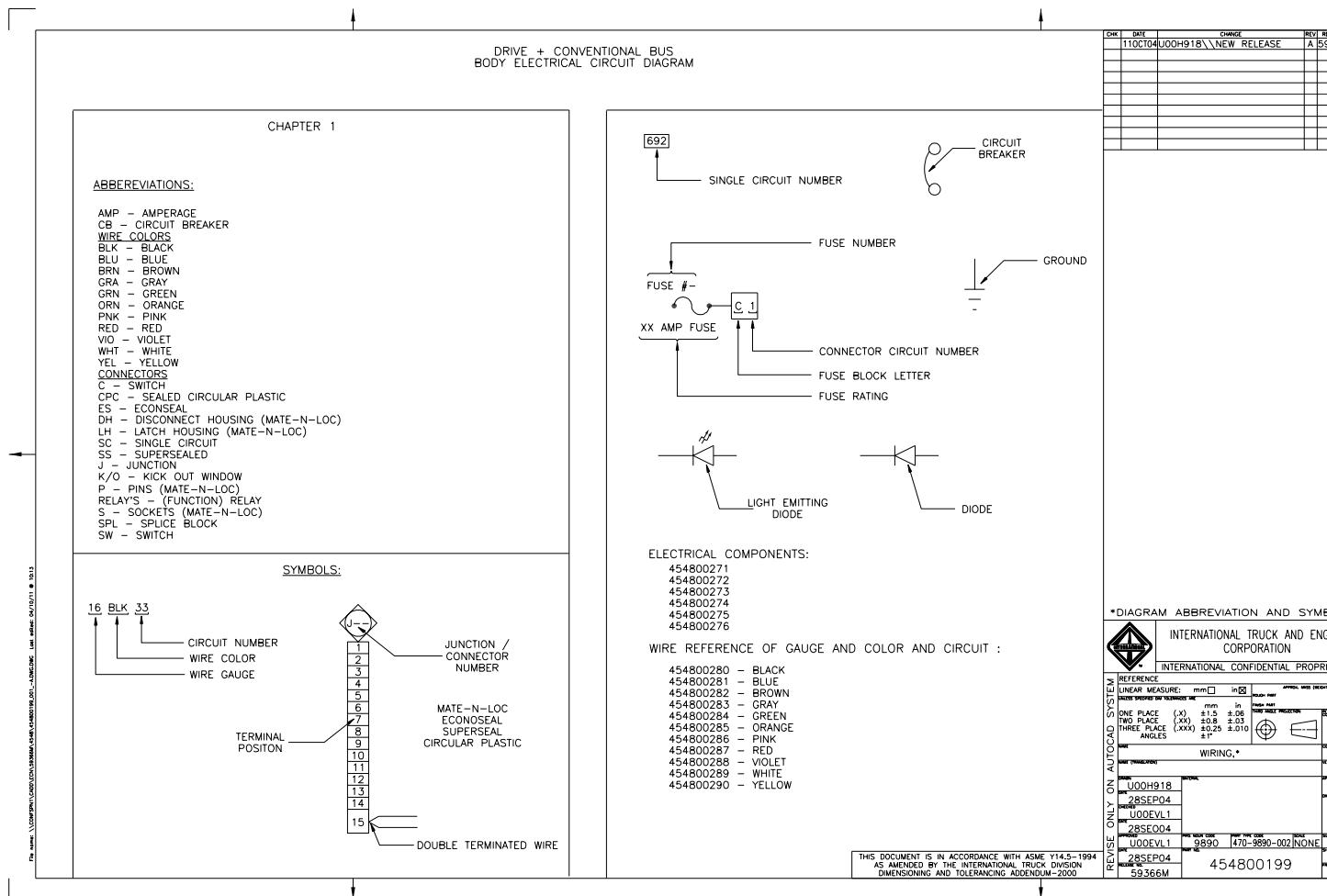


Figure 136 Abbreviations and Symbols

1.2. ELECTRICAL COMPONENTS

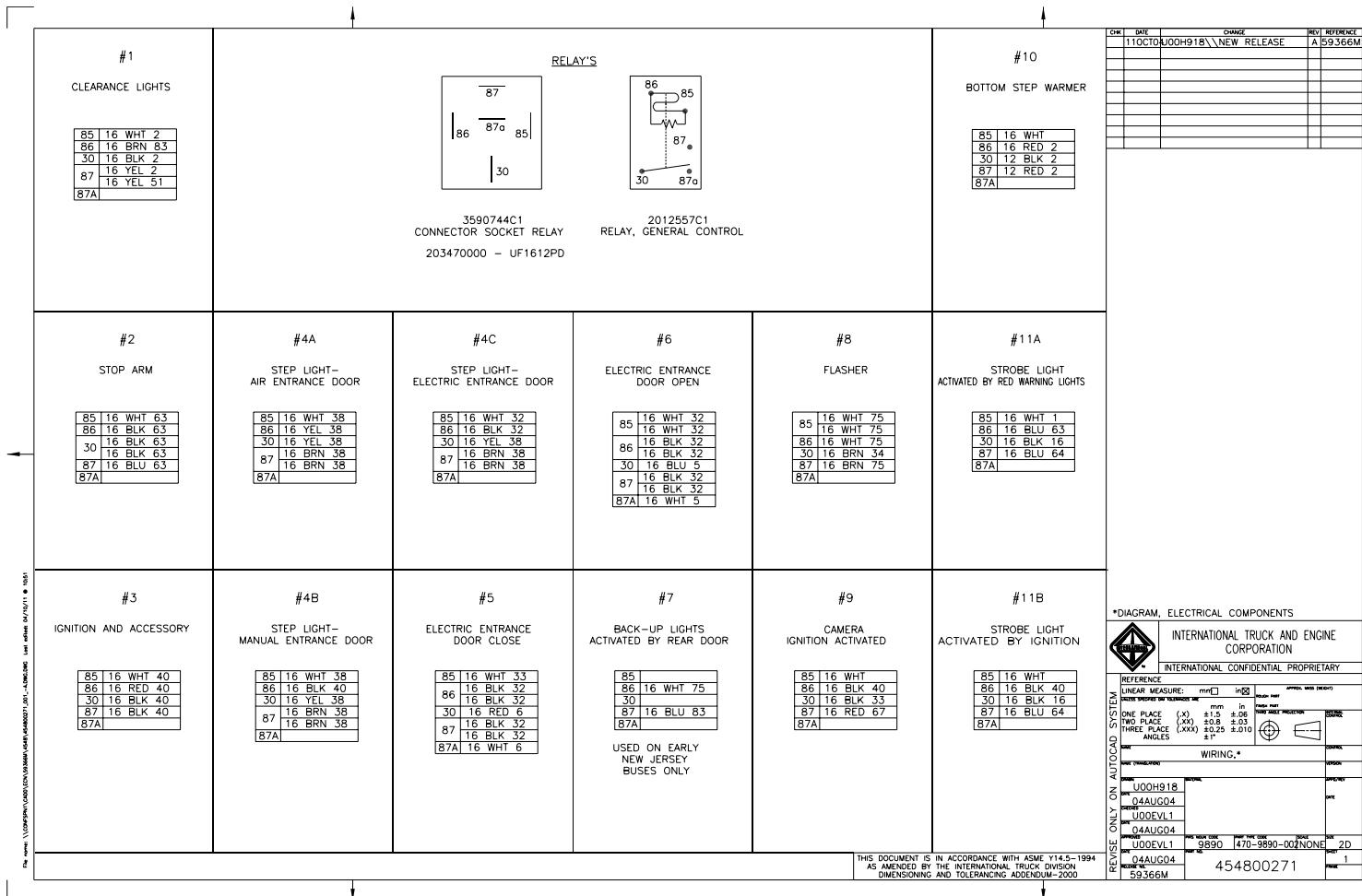


Figure 137 Electrical Components

1.3. ELECTRICAL COMPONENTS

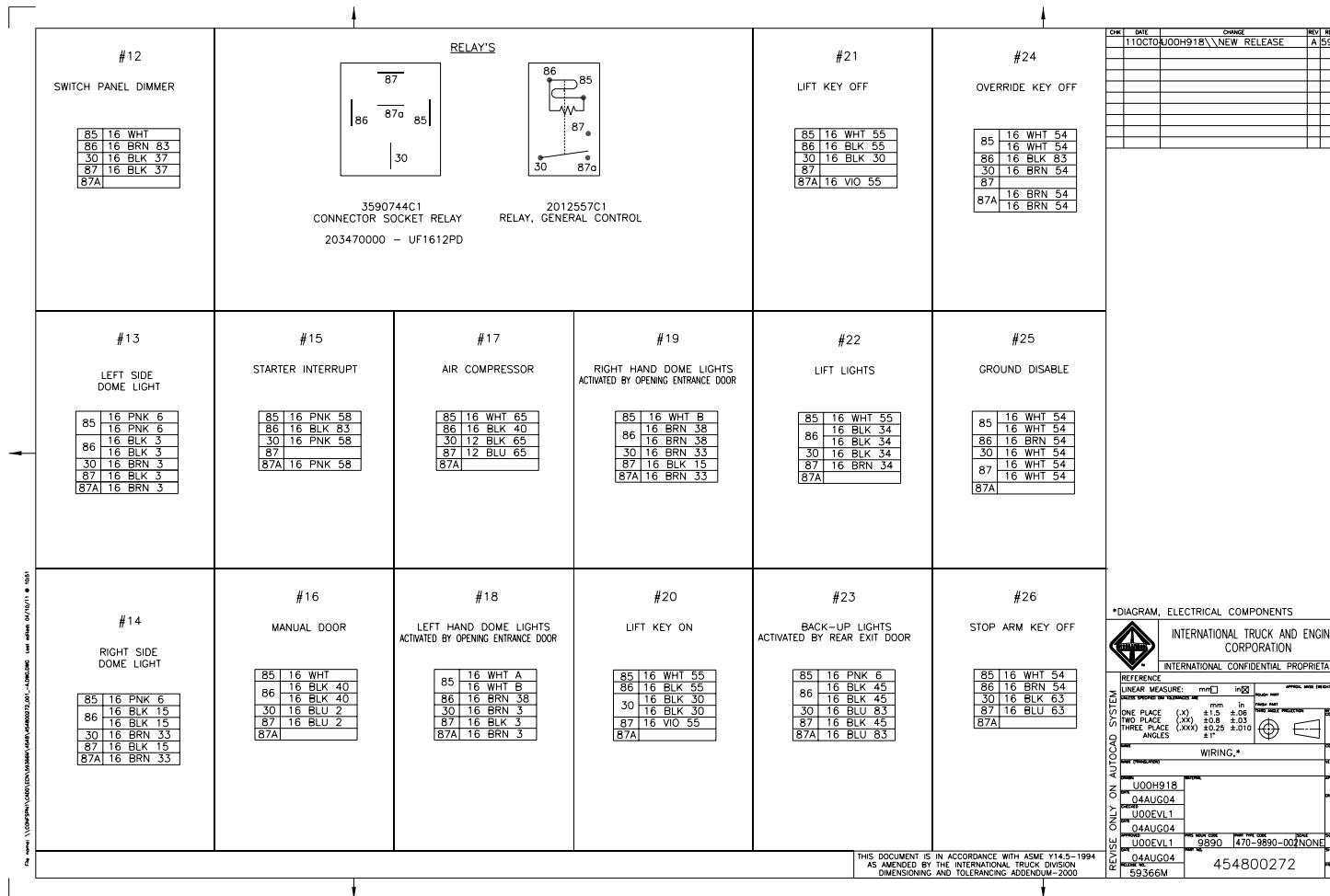


Figure 138 Electrical Components

1.4. ELECTRICAL COMPONENTS

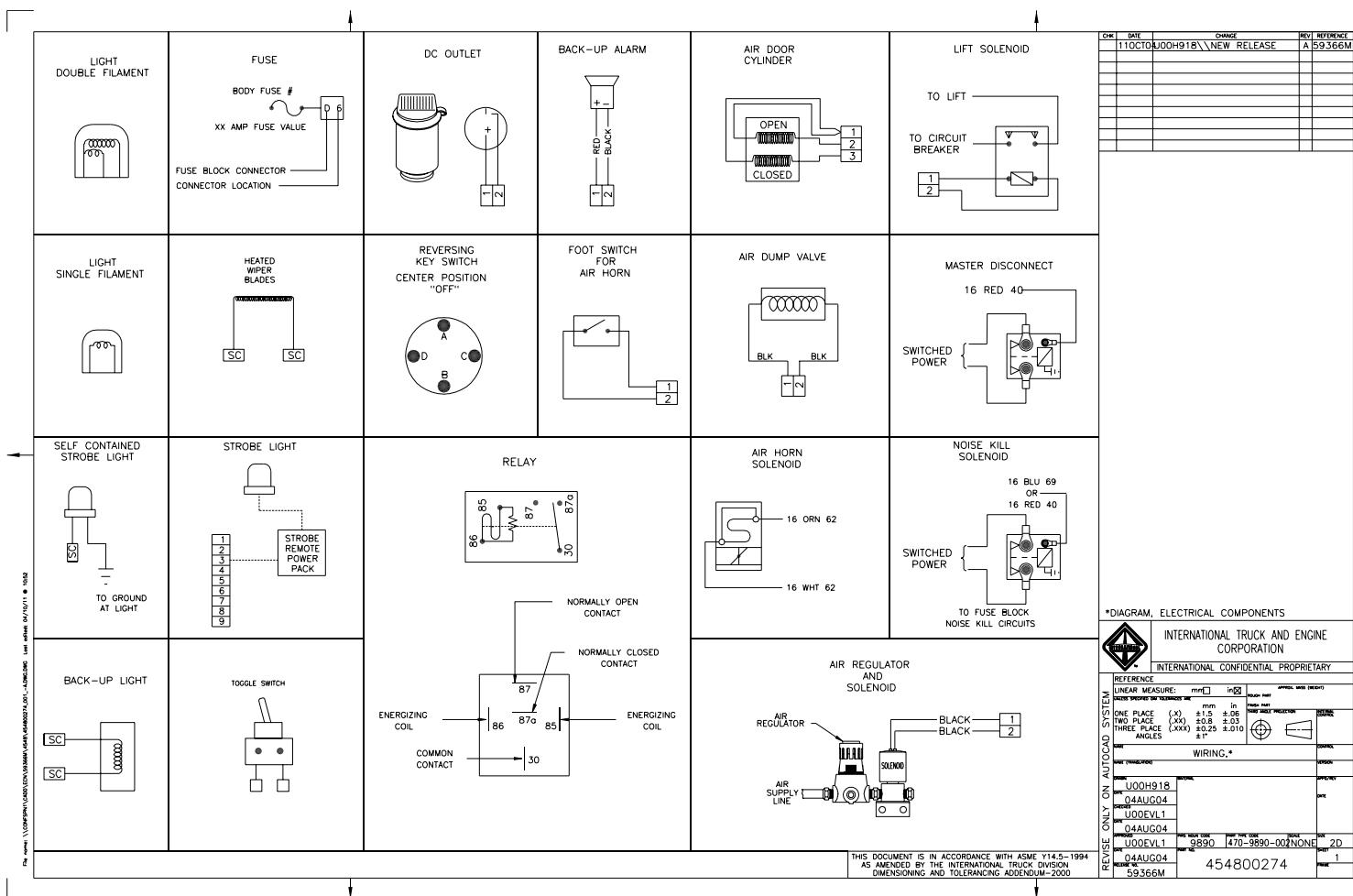


Figure 139 Electrical Components

1.5. ELECTRICAL COMPONENTS

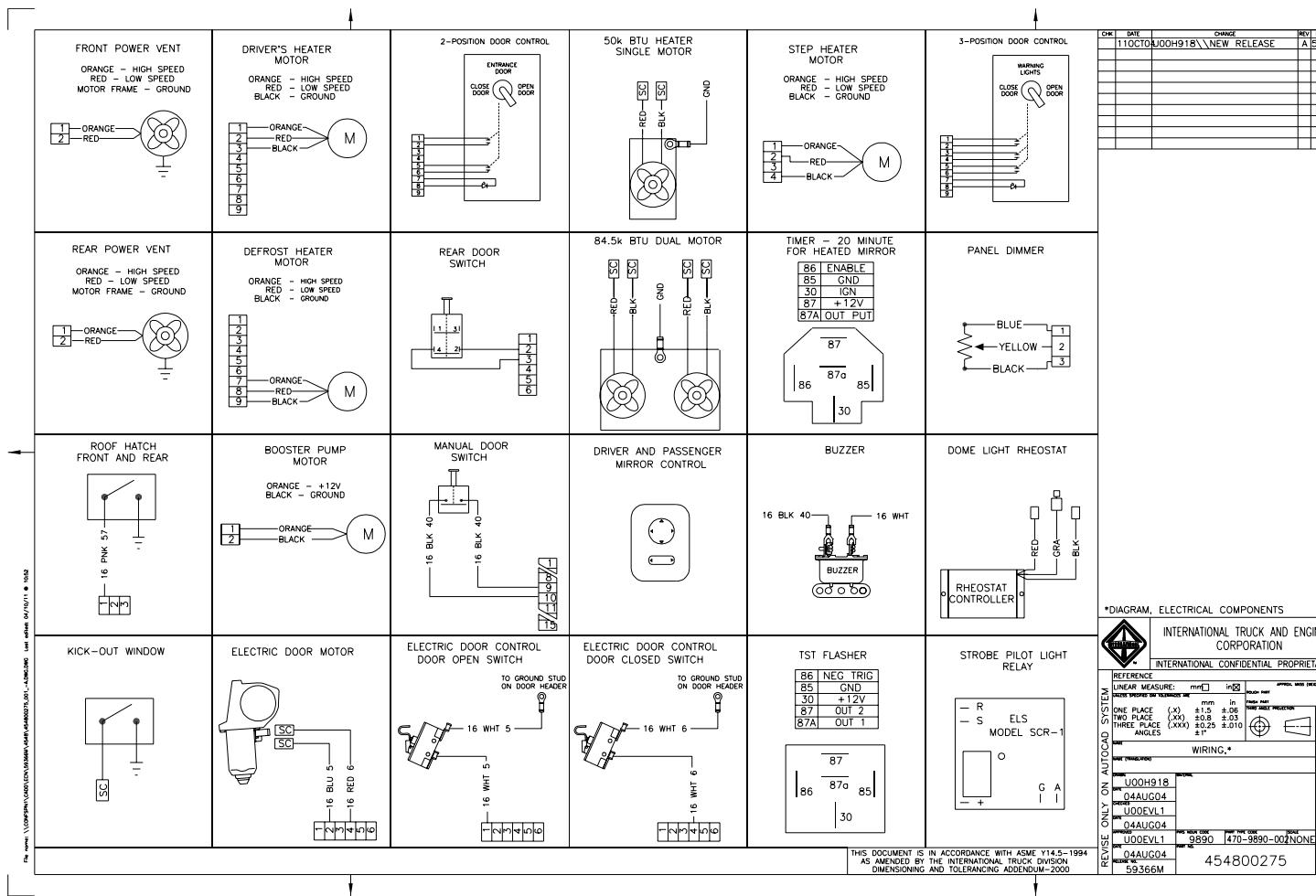


Figure 140 Electrical Components

1.6. ELECTRICAL COMPONENTS

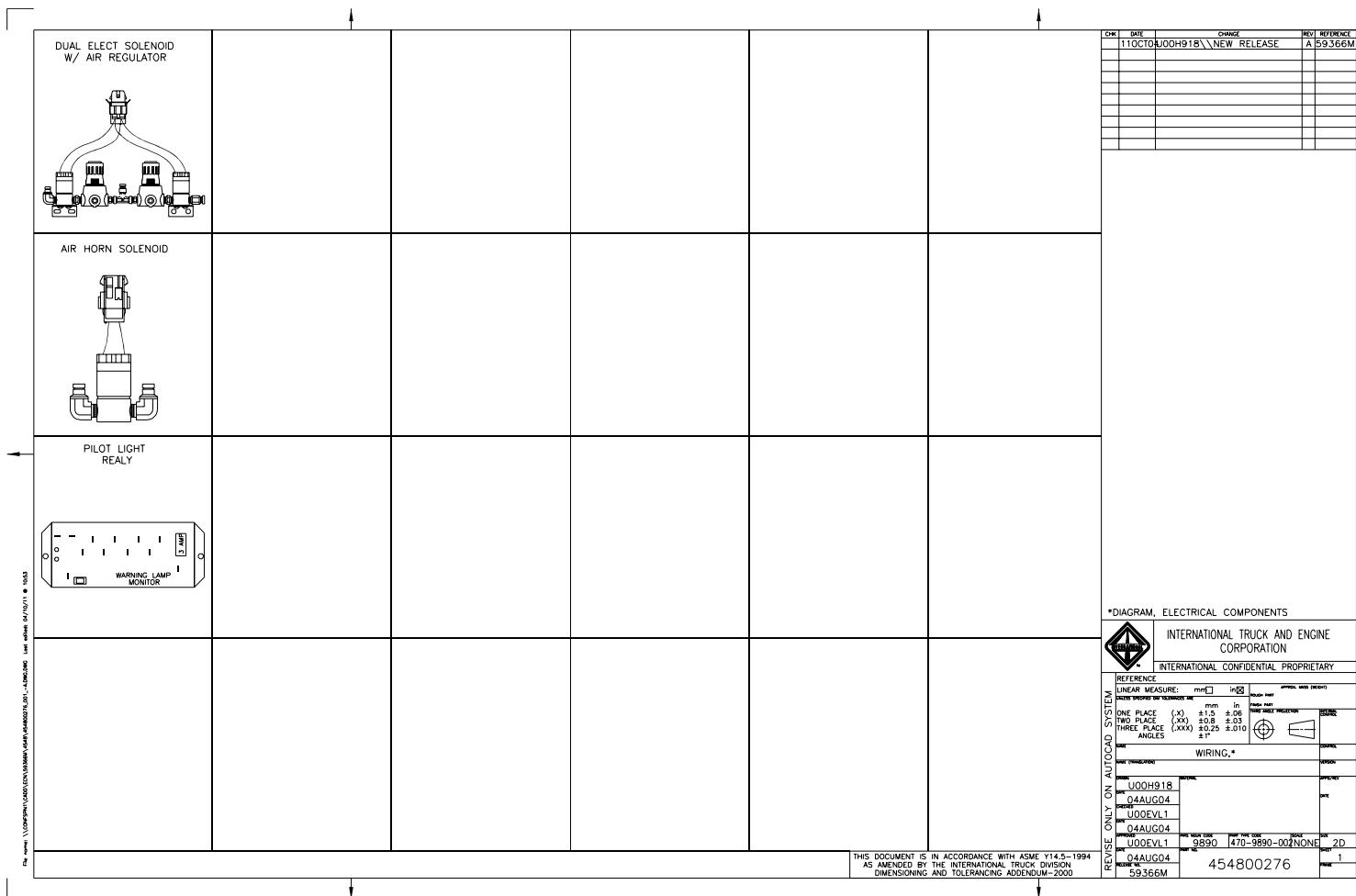


Figure 141 Electrical Components

1.7. WIRE REFERENCE OF GAUGE, COLOR, AND CIRCUIT # (BLACK)

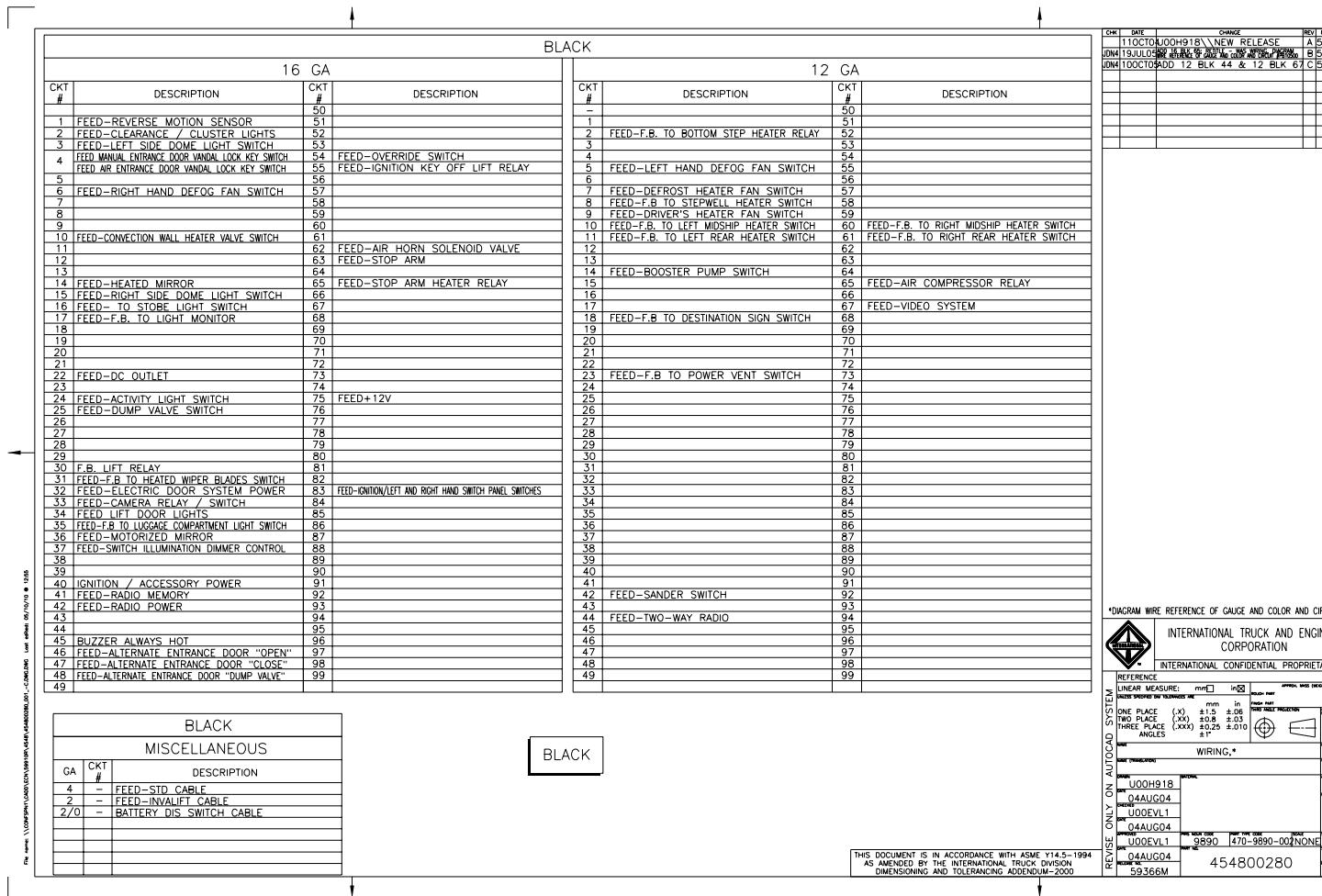


Figure 142 Wire Reference of Gauge, Color, and Circuit # (Black)

1.8. WIRE REFERENCE OF GAUGE, COLOR, AND CIRCUIT # (BLUE)

BLUE

16 GA		12 GA	
CKT #	DESCRIPTION	CKT #	DESCRIPTION
-	50	-	50
1	ZERO VOLT REFERENCE FEED	1	51
2	ZVR LEFT OR RIGHT HAND SWITCH PANEL	2	52
3		3	53
4		4	54
5	ELECTRIC DOOR MOTOR, AIR DOOR VANDAL LOCK	5	55
6		6	56
7		7	57
8		8	58
9		9	59
10	DESTINATION SIGN	10	60
11		11	61
12		12	62
13	SIGNAL STOP ARM EXTEND	13	63
14		14	64
15	STROBE LIGHT	15	65 AIR COMPRESSOR
16		16	STEPWELL HEATER FAN (LOW)
17	CHIME	17	66
18		18	67
19		19	68
20	NOISE KILL SOLENOID "ON" SIGNAL	20	69
21		21	70
22	FRONT POWER VENT (LOW)	22	71
23	REAR POWER VENT (LOW)	23	72
24		24	73
25		25	74
26		26	75
27		27	76
28		28	77
29		29	78
30		30	79
31		31	80
32	FAR RIGHT HAND DEFOG FAN (LOW)	32	81
33		33	82
34	LEFT HAND BACK-UP LIGHTS	34	83
35		35	84
36	RIGHT HAND BACK-UP LIGHTS	36	85
37		37	86
38		38	87
39		39	88
40		40	89
41		41	90
42		42	91
43	RIGHT HAND SPEAKER (-)	43	92
44	RIGHT HAND SPEAKER (+)	44	93
45		45	94
46		46	95
47		47	96
48		48	97
49		49	98
			99

CKT #	DESCRIPTION	CKT #	DESCRIPTION
1		50	
2		51	
3		52	
4		53	
5		54	
6		55	
7		56	
8		57	
9		58	
10	DESTINATION SIGN	60	
11		61	
12		62	
13		63	
14		64	
15		65	AIR COMPRESSOR
16	STEPWELL HEATER FAN (LOW)	66	
17		67	
18		68	
19		69	
20		70	
21		71	
22	LEFT MIDSHIP HEATER (LOW)	72	
23		73	
24	RIGHT MIDSHIP HEATER (LOW)	74	
25		75	
26	RIGHT MIDSHIP HEATER (LOW) DUAL SWITCH	76	
27		77	
28	LEFT MIDSHIP HEATER (LOW) DUAL SWITCH	78	
29		79	
30		80	
31		81	
32		82	
33	LEFT REAR HEATER (LOW)	83	
34		84	
35	RIGHT REAR HEATER (LOW) DUAL SWITCH	85	
36		86	
37	RIGHT REAR HEATER (LOW)	87	
38		88	
39	LEFT REAR HEATER (LOW) DUAL SWITCH	89	
40		90	
41		91	
42	DRIVER'S HEATER (LOW)	92	
43		93	
44	BOOSTER PUMP	94	
45		95	
46		96	
47		97	
48		98	
49	DEFROST HEATER (LOW)	99	

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1.9. WIRE REFERENCE OF GAUGE, COLOR, AND CIRCUIT # (BROWN)

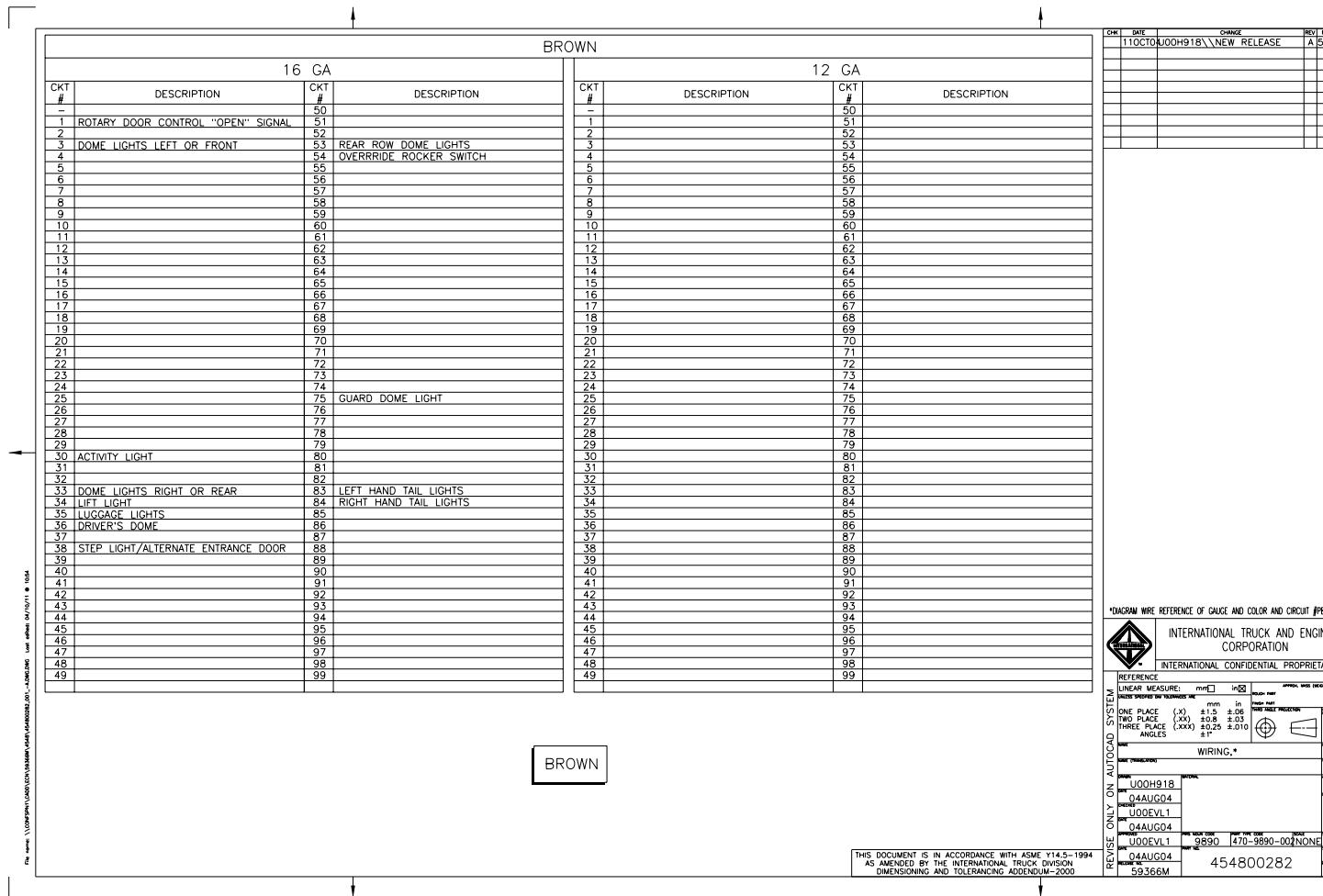


Figure 144 Wire Reference of Gauge, Color, and Circuit # (Brown)

1.10. WIRE REFERENCE OF GAUGE, COLOR, AND CIRCUIT # (GRAY)

GRAY			
16 GA		12 GA	
CKT #	DESCRIPTION	CKT #	DESCRIPTION
-		50	
1		51	
2		52	
3		53	
4		54	
5		55	
6		56	
7		57	
8		58	
9	59 HEATED MIRRORS (CROSSVIEW)	9	59
10	60 HEATED MIRRORS (REARVIEW)	10	60
11		61	
12		62	
13		63	
14		64	
15		65	
16		66	
17		67	
18		68	
19		69	
20		70	
21		71	
22		72	
23		73	
24		74	
25		75	
26		76	
27		77	
28		78	
29		79	
30		80	
31		81	
32		82	
33		83	
34		84	
35		85	
36		86	
37		87	
38		88	
39		89	
40		90	
41	LEFT HAND SPEAKER (-)	91	
42	LEFT HAND SPEAKER (+) / FEED LEFT HAND SANDER	92	FEED-SANDERS SWITCH
43	FEED-RIGHT HAND SANDER	93	
44		94	
45		95	
46		96	
47		97	
48		98	
49		99	

GRAY

CKT DATE CHANGE REV. REFERENCE
11OCT00UOOH918\NEW RELEASE A 59366M

*DIAGRAM WIRE REFERENCE OF GAUGE AND COLOR AND CIRCUIT #P1H6500

INTERNATIONAL TRUCK AND ENGINE CORPORATION
INTERNATIONAL CONFIDENTIAL PROPRIETARY

REFERENCE:

WIRING, *
WIRING, *
WIRING, *

UOOH918
04AU04
04UOEVL1
04AU04
04AU04
9890 470-9890-002NONE
04AU04
59366M

REVISE ONLY ON AUTOCAD SYSTEM
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5-1994
AS AMENDED BY THE INTERNATIONAL TRUCK DIVISION
DIMENSIONING AND TOLERANCING ADDENDUM-2000

454800283

Figure 145 Wire Reference of Gauge, Color, and Circuit # (Gray)

1.11. WIRE REFERENCE OF GAUGE, COLOR, AND CIRCUIT # (GREEN)

GREEN

16 GA				12 GA			
CKT #	DESCRIPTION	CKT #	DESCRIPTION	CKT #	DESCRIPTION	CKT #	DESCRIPTION
-		50		-		50	
1		51		1		51	
2		52		2		52	
3		53		3		53	
4		54		4		54	
5		55		5		55	
6		56		6		56	
7		57		7		57	
8		58		8		58	
9		59		9		59	
10		60		10		60	
11		61		11		61	
12		62		12		62	
13		63		13		63	
14		64		14		64	
15		65		15		65	
16		66		16		66	
17		67		17		67	
18	FAR LEFT DEFOG FAN	68		18	LEFT HAND DEFOG FAN (LOW)	68	
19		69		19		69	
20		70		20		70	
21		71		21		71	
22		72		22		72	
23		73		23		73	
24		74		24		74	
25		75		25		75	
26		76		26		76	
27		77		27		77	
28		78		28		78	
29		79		29		79	
30		80		30		80	
31		81		31		81	
32		82		32		82	
33		83		33		83	
34		84 RIGHT HAND DIRECTIONAL LIGHTS		34		84	
35		85		35		85	
36		86		36		86	
37		87		37		87	
38		88		38		88	
39		89		39		89	
40		90		40		90	
41		91		41		91	
42		92		42		92	
43		93		43		93	
44		94		44		94	
45		95		45		95	
46		96		46		96	
47		97		47		97	
48		98		48		98	
49		99		49		99	

GREEN

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1.12. WIRE REFERENCE OF GAUGE, COLOR, AND CIRCUIT # (ORANGE)

ORANGE

16 GA		12 GA	
CKT #	DESCRIPTION	CKT #	DESCRIPTION
-		50	
1		51	
2		52	
3		53	
4		54	
5		55	
6		56	
7		57	
8	LEFT RED WARNING LIGHT	58	
9	RIGHT RED WARNING LIGHT	59	
10		60	
11		61	
12	AIR HORN SOLENOID VALVE	62	
13		63	
14		64	
15		65	
16		66	
17		67	
18		68	
19		69	
20		70	
21		71	
22		72	
23		73	
24	LEFT AMBER WARNING LIGHTS	74	
25	RIGHT AMBER WARNING LIGHTS	75	
26		76	
27		77	
28		78	
29		79	
30		80	
31		81	
32		82	
33		83	
34		84	
35		85	
36		86	
37		87	
38		88	
39		89	
40		90	
41		91	
42		92	
43		93	
44		94	
45		95	
46		96	
47		97	
48		98	
49		99	

ORANGE	
--------	--

*DRAWING WIRE REFERENCE OF GAUGE AND COLOR AND CIRCUIT #PB10500

 INTERNATIONAL TRUCK AND ENGINE CORPORATION
INTERNATIONAL CONFIDENTIAL PROPRIETARY

REFERENCE: mm in APPENDIX: MM (INCHES)

UNITS SPECIFIED IN INCHES

ROUND PART: mm in

TWO PLACE (.XX) ±0.08 ±.006

THREE PLACE (.XXX) ±0.025 ±.010

ANGLES ±1°

WIRING *

REVISE ONLY ON AUTOCAD SYSTEM

UOOH918

04AUG04

U00EVL1

04AUG04

U00EVL1 9890 470-9890-02 NONE 2D

04AUG04 454800285 1

59366M

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Figure 147 Wire Reference of Gauge, Color, and Circuit # (Orange)

1.13. WIRE REFERENCE OF GAUGE, COLOR, AND CIRCUIT # (PINK)

PINK				CKT	DATE	CHANGE	REV
CKT #	DESCRIPTION	CKT #	DESCRIPTION	CKT #	DESCRIPTION	CKT #	DESCRIPTION
16	GA	12	GA				
-		-		50	SPARE WIRE	50	
1		51		51		51	
2		52		52		52	
3		53		53		53	
4		54		4		54	
5	SIGNAL LEFT AND RIGHT HAND EMERGENCY EXIT DOOR	55		5		55	
6	SIGNAL LEFT AND RIGHT HAND EMERGENCY EXIT DOOR	56		6		56	
7	EMERGENCY EXIT LIGHT	57		7		57	
8	LEFT FRONT RED WARNING LIGHT	58	SIGNAL ROOF HATCHES	8		58	
9	RIGHT FRONT RED WARNING LIGHT	59	STARTER INTERRUPT (REAR & SIDE)	9		59	
10		60		10		60	
11		61		11		61	
12		62		12		62	
13		63		13		63	
14	SIGNAL KICK-OUT WINDOW	64		14		64	
15		65		15		65	
16		66		16		66	
17		67		17		67	
18		68		18		68	
19		69		19		69	
20		70		20		70	
21		71		21		71	
22		72		22		72	
23		73		23		73	
24	LEFT FRONT AMBER WARNING LIGHT	74		24		74	
25	RIGHT FRONT AMBER WARNING LIGHT	75		25		75	
26		76		26		76	
27		77		27		77	
28		78		28		78	
29		79		29		79	
30	REAR DOOR ACTIVATED BACK-UP LIGHTS	80		30		80	
31		81		31		81	
32		82		32		82	
33		83		33		83	
34		84		34		84	
35		85		35		85	
36		86		36		86	
37		87		37		87	
38		88		38		88	
39		89		39		89	
40	SIGNAL EMERGENCY EXIT TO ECU	90		40		90	
41	LEFT HAND SPEAKER (-)	91		41		91	
42		92		42		92	
43	LEFT HAND SPEAKER (+)	93		43		93	
44		94		44		94	
45	REAR DOOR ACTIVATED DOME LIGHT	95		45		95	
46		96		46		96	
47		97		47		97	
48		98		48		98	
49		99		49		99	

Figure 148 Wire Reference of Gauge, Color, and Circuit # (Pink)

1.14. WIRE REFERENCE OF GAUGE, COLOR, AND CIRCUIT # (RED)

RED

16 GA			
CKT #	DESCRIPTION	CKT #	DESCRIPTION
-		50	
1		51	
2	BOTTOM STEP HEATER SWITCH	52	
3		53	
4		54	
5		55	
6	ELECTRIC DOOR MOTOR / AIR DOOR VANDAL LOCK	56	
7		57	
8		58	
9		59	
10		60	
11		61	
12		62	
13		63	
14		64	
15		65	
16		66	
17	STEPWELL HEATER FAN (HIGH)	67	VIDEO CAMERA
18		68	
19	FAR LEFT DEFOG FAN (LOW)	69	
20		70	
21		71	
22	FRONT POWER VENT (HIGH)	72	
23	REAR POWER VENT (HIGH)	73	
24		74	
25	AIR ENTRANCE DOOR DUMP VALVE	75	REVERSE MOTION SENSOR FEED
26		76	
27		77	
28		78	
29		79	
30	MASTER FLASHER SWITCH	80	
31	HEATED WIPER BLADES	81	
32	RIGHT OF CENTER DEFOG FAN (HIGH)	82	
33	FAR RIGHT DEFOG FAN (HIGH)	83	LEFT SIDE BRAKE LIGHTS
34		84	RIGHT SIDE BRAKE LIGHTS
35		85	
36		86	
37		87	
38		88	
39	FLASHER "START" ROCKER SWITCH	89	
40	SIGNAL IGNITION / ACCESSORY RELAY	90	
41	MASTER DISCONNECT SWITCH - SOLENOID	91	
42		92	
43		93	
44		94	
45		95	
46		96	
47		97	
48		98	
49		99	

12 GA			
CKT #	DESCRIPTION	CKT #	DESCRIPTION
-		50	DEFROST HEATER (HIGH)
1		51	
2	BOTOM STEP HEATER	52	
3		53	
4		54	
5		55	
6		56	
7		57	
8		58	
9		59	
10		60	
11		61	
12		62	
13		63	
14		64	
15		65	
16		66	
17	STEPWELL HEATER (HIGH)	67	
18		68	
19	LEFT HAND DEFOG FAN (HIGH)	69	
20		70	
21		71	
22		72	
23	LEFT MIDSHIP HEATER (HIGH)	73	
24		74	
25	RIGHT MIDSHIP HEATER (HIGH)	75	
26		76	
27	RIGHT MIDSHIP HEATER (HIGH) DUAL SWITCH	77	
28		78	
29	LEFT MIDSHIP HEATER (HIGH) DUAL SWITCH	79	
30		80	
31		81	
32		82	
33		83	FEED-REAR BRAKE LIGHTS
34	LEFT REAR HEATER (HIGH)	84	
35		85	
36	RIGHT REAR HEATER (HIGH) DUAL SWITCH	86	
37		87	
38	RIGHT REAR HEATER (HIGH)	88	
39		89	
40	LEFT REAR HEATER (HIGH) DUAL SWITCH	90	
41		91	
42		92	
43	DRIVER'S HEATER (HIGH)	93	
44		94	
45		95	
46		96	
47		97	
48		98	
49		99	

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1.15. WIRE REFERENCE OF GAUGE, COLOR, AND CIRCUIT # (VIOLET)

VIOLET

16 GA		12 GA	
CKT #	DESCRIPTION	CKT #	DESCRIPTION
-	50	-	50
1	51	1	51
2	52	2	52
3	53	3	53
4	54	4	54
5	LIFT SOLENOID	5	55
6	56	6	56
7	57	7	57
8	58	8	58
9	59	9	59
10	60	10	60
11	61	11	61
12	62	12	62
13	63	13	63
14	64	14	64
15	65	15	65
16	66	16	66
17	67	17	67
18	68	18	68
19	69	19	69
20	70	20	70
21	71	21	71
22	72	22	72
23	73	23	73
24	74	24	74
25	75	25	75
26	76	26	76
27	77	27	77
28	78	28	78
29	79	29	79
30	80	30	80
31	RIGHT OF CENTER DEFOG FAN (LOW)	31	81
32		32	82
33		33	83
34		34	84
35		35	85
36		36	86
37	FEED-SWITCH PANEL ILLUMINATION	37	87
38		38	88
39		39	89
40		40	90
41		41	91
42	SAND LEVEL INDICATOR	42	92
43		43	93
44		44	94
45		45	95
46		46	96
47		47	97
48		48	98
49		49	99

VIOLET	
UO0H918	04AUG04
000EVL1	04AUG04
U00EVL1	04AUG04
9890	470-9890-002NONE
59366M	454800288

VIOLET

Diagram Wire Reference of Gauge and Color and Circuit # (Violet)

INTERNATIONAL TRUCK AND ENGINE CORPORATION
INTERNATIONAL CONFIDENTIAL PROPRIETARY

WIRING,*

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DIMENSIONING AND TOLERANCING ADDENDUM-2000

REVERSE ONLY ON AUTOLOAD SYSTEM

UO0H918 04AUG04 000EVL1 04AUG04 U00EVL1 04AUG04 9890 470-9890-002NONE 59366M 454800288

Figure 150 Wire Reference of Gauge, Color, and Circuit # (Violet)

1.16. WIRE REFERENCE OF GAUGE, COLOR, AND CIRCUIT # (WHITE)

WHITE

16 GA		12 GA	
CKT #	DESCRIPTION	CKT #	DESCRIPTION
-	50 GROUND-SANDER LEVEL SWITCH	50	
1	GROUND-FRONT CLUSTER LIGHTS	51	
2	GROUND-CLEARANCE LIGHTS RELAY	52	
3	GROUND-DOME LIGHTS	53 GROUND-REAR ROW DOME LIGHTS	
4		54 GROUND-STOP ARM RELAY	
5	GROUND-AIR OR ELECTRIC DOOR CONTROL	55 GROUND-LIFT DOOR SWITCH	
6	GROUND-AIR OR ELECTRIC DOOR CONTROL	56 GROUND-	
7		57 GROUND-	
8	GROUND-RIGHT HAND SWITCH PANEL	58	
9		59 GROUND-HEATED MIRRORS (CROSSVIEW)	
10		60 GROUND-HEATED MIRRORS (REARVIEW)	
11		61 GROUND-RIGHT REAR HEATER	
12		62 GROUND-AIR HORN	
13		63 GROUND-ARM/ARM/AIR VALVE	
14		64 GROUND-STROBE LIGHT	
15		65 GROUND-STOP ARM HEATER RELAY	
16	NO CHILD LEFT BEHIND-WITH DEACTIVATION SWITCH	66 GROUND-CHIME	
17	GROUND-LIGHT MONITOR	67 GROUND-CAMERA	
18		68	
19	GROUND-FAR LEFT DEFOG FAN	69 GROUND-NOISE KILL SOLENOID	
20		70	
21		71	
22		72	
23		73	
24		74	
25		75 GROUND-GUARD DOME	
26		76	
27		77	
28		78	
29		79	
30	GROUND-ACTIVITY LIGHT	80	
31	GROUND-HEATED WIPER BLADES	81	
32	SIGNAL VANDAL LOCK SWITCH TO DOOR OPEN RELAY	82	
33	SIGNAL VANDAL LOCK SWITCH TO DOOR CLOSED RELAY	83 GROUND-LEFT DIRECTIONAL TAIL STOP BACK-UP LIGHTS	
34	GROUND-INTERIOR LIFT LIGHT	84 GROUND-RIGHT DIRECTIONAL TAIL STOP BACK-UP LIGHTS	
35		85	
36	GROUND-DRIVER'S DOME LIGHT	86	
37	GROUND-SWITCH PANEL ILLUMINATION	87	
38		88	
39		89	
40	GROUND-IGNITION/ACCESSORY	90	
41	GROUND-MASTER DISCONNECT SOLENOID	91	
42	GROUND-RADIO	92	
43		93	
44		94 GROUND-TWO-WAY RADIO	
45		95	
46		96	
47		97	
48		98	
49		99	

12 GA	
CKT #	DESCRIPTION
50	
51	
52	
53	
54	
55	
56	
57	
58 GROUND-DRIVER'S HEATER	
59 GROUND-DEFROST HEATER	
60	
61 GROUND-RIGHT REAR HEATER	
62	
63	
64	
65	
66	
67 GROUND-VIDEO SYSTEM	
68	
69 GROUND-LEFT DEFOG FAN/BLOWER	
70	
71	
72	
73 GROUND-LEFT MIDSHIP HEATER	
74	
75 GROUND-RIGHT MIDSHIP HEATER	
76	
77	
78	
79	
80	
81	
82	
83	
84 GROUND-LEFT REAR HEATER	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	

WHITE

File Name: \V:\DRAFTING\INTERNATIONAL\2000\2000-01\2000-01-01\2000-01-01.DWG
 Last Update: 02/19/01

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***DIAGRAM WIRE REFERENCE OF GAUGE AND COLOR AND CIRCUIT**

 INTERNATIONAL TRUCK AND ENGINE CORPORATION
 INTERNATIONAL CONFIDENTIAL PROPRIETARY

LINEAR MEASURE: mm in
 ANGULAR MEASURE: degrees
 DIMENSIONS ON THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 TWO PLACE (.XX) ± .08 ± .06
 THREE PLACE (.XXX) ± .025 ± .010
 ANGLES ± 1°
 REVISE ONLY ON AUTOCAD SYSTEM

U00H918
 04AUG04
 U00EVL1
 04AUG04
 U00EVL1
 9890 470-9890-02 NONE
 04AUG04 59366M 454800289

Figure 151 Wire Reference of Gauge, Color, and Circuit # (White)

1.17. WIRE REFERENCE OF GAUGE, COLOR, AND CIRCUIT # (YELLOW)

YELLOW

16 GA			
CKT #	DESCRIPTION	CKT #	DESCRIPTION
-		50	SPARE WIRE
1		51	FRONT CAP CLUSTER,CLEARANCE LIGHTS
2	SIDE MARKER/CLEARANCE/CORNER MARKER LIGHTS	52	
3		53	
4		54	
5		55	
6		56	
7		57	
8		58	
9		59	
10		60	
11		61	
12		62	
13		63	STOP ARM HEATER
14		64	
15		65	
16		66	
17		67	
18		68	
19		69	
20		70	
21		71	
22		72	
23		73	
24		74	
25		75	
26		76	
27		77	
28		78	
29		79	
30	PA SPEAKER/HORN	80	
31	PA SPEAKER/HORN	81	
32		82	
33		83	LEFT SIDE REAR DIRECTIONAL LIGHTS
34		84	
35		85	
36		86	
37		87	
38	FEED-STEP LIGHT RELAY	88	
39		89	
40		90	
41		91	
42		92	
43		93	
44		94	
45		95	
46		96	
47		97	
48		98	
49		99	

12 GA			
CKT #	DESCRIPTION	CKT #	DESCRIPTION
-		50	
1		51	
2		52	
3		53	
4		54	
5		55	
6		56	
7		57	
8		58	
9		59	
10		60	
11		61	
12		62	
13		63	
14		64	
15		65	
16		66	
17		67	
18		68	
19		69	
20		70	
21		71	
22		72	
23		73	
24		74	
25		75	
26		76	
27		77	
28		78	
29		79	
30		80	
31		81	
32		82	
33		83	
34		84	
35		85	
36		86	
37		87	
38		88	
39		89	
40		90	
41		91	
42		92	
43		93	
44		94	
45		95	
46		96	
47		97	
48		98	
49		99	

YELLOW

Figure 152 Wire Reference of Gauge, Color, and Circuit # (Yellow)

2. POWER DISTRIBUTION (CHAPTER 2)

2.1. ALL CIRCUITS HOT ALL THE TIME

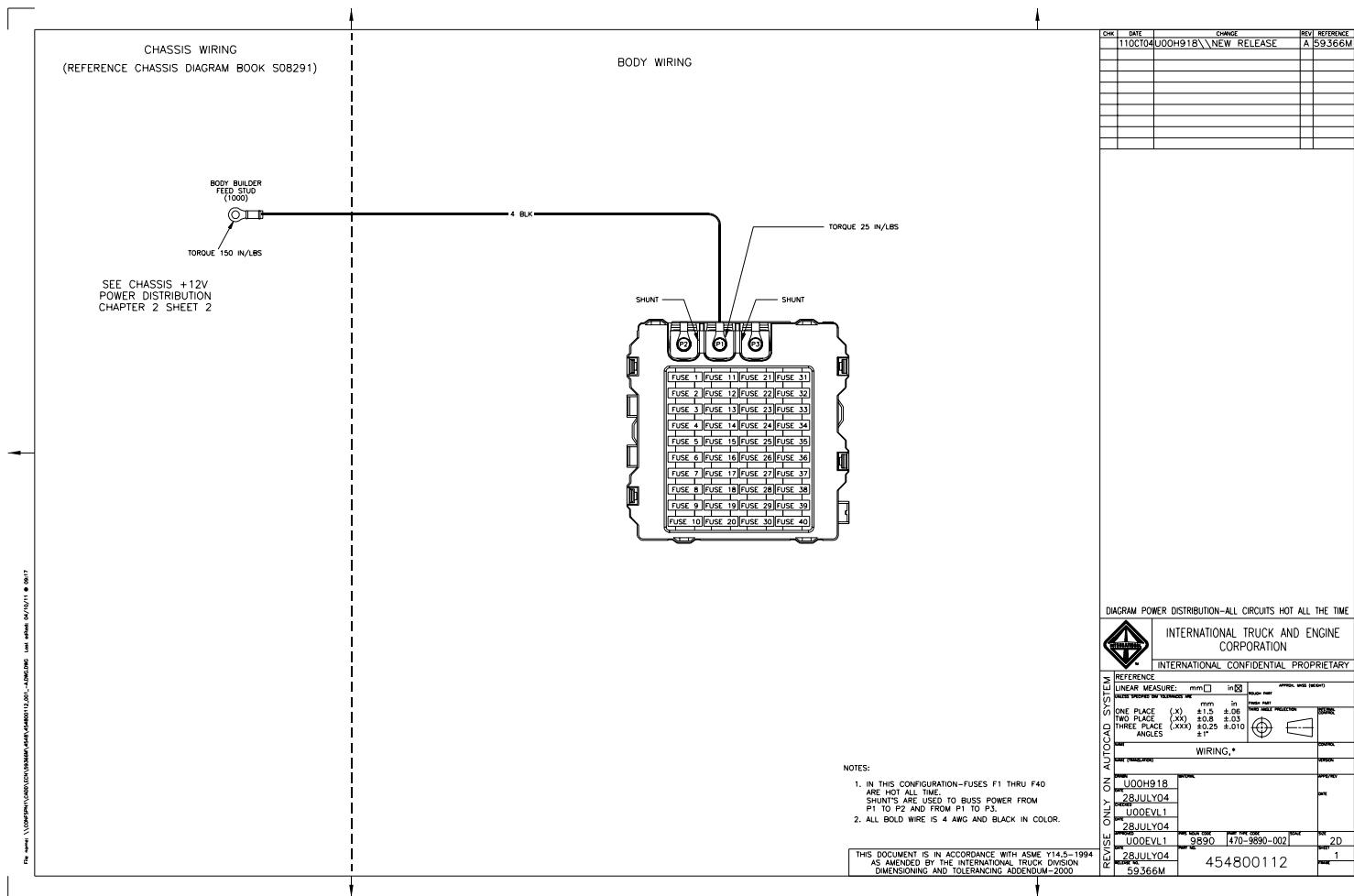


Figure 153 All Circuits Hot All the Time

2.2. IGNITION OPERATED MASTER DISCONNECT

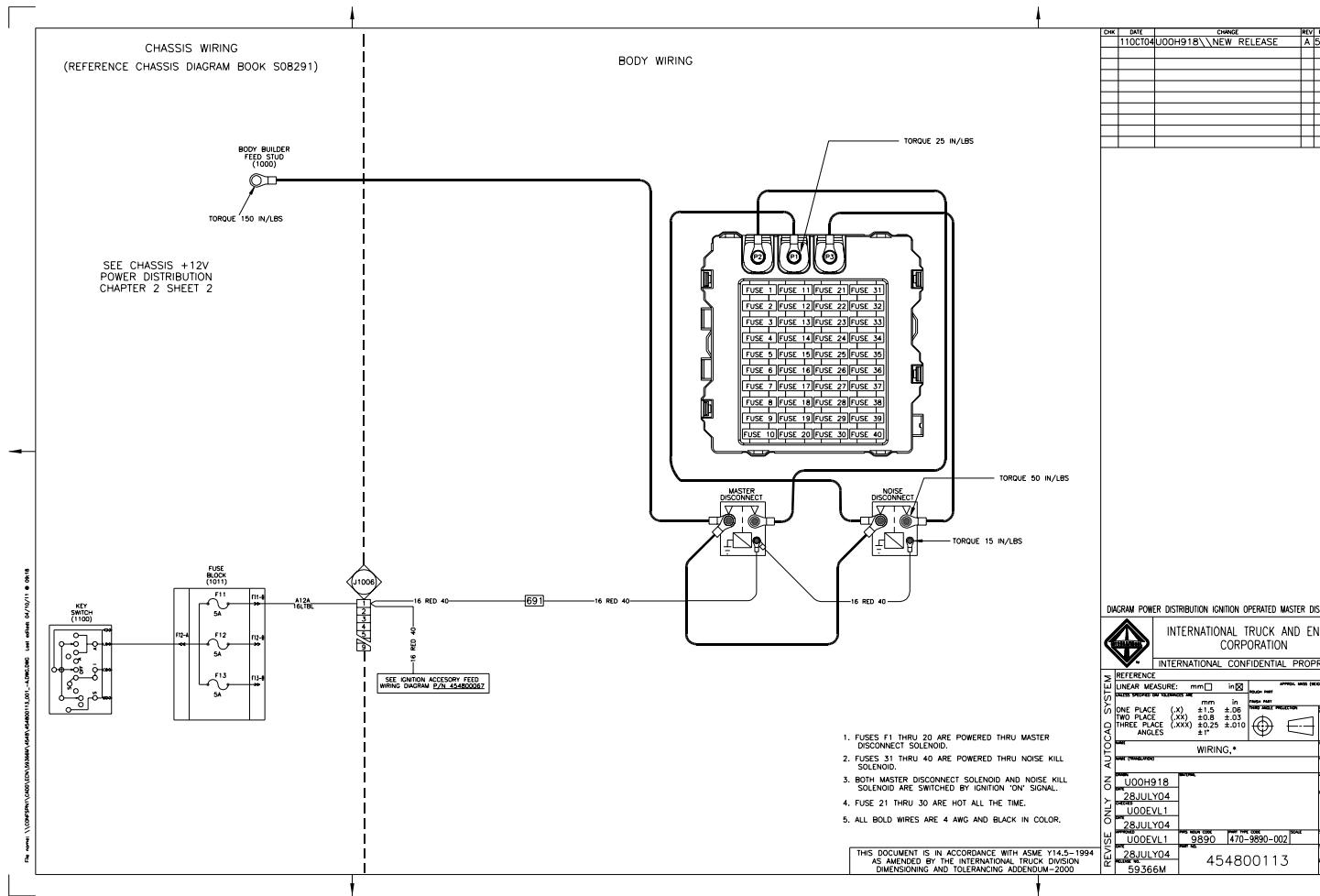


Figure 154 Ignition Operated Master Disconnect

2.3. ROCKER SWITCH OPERATED MASTER DISCONNECT

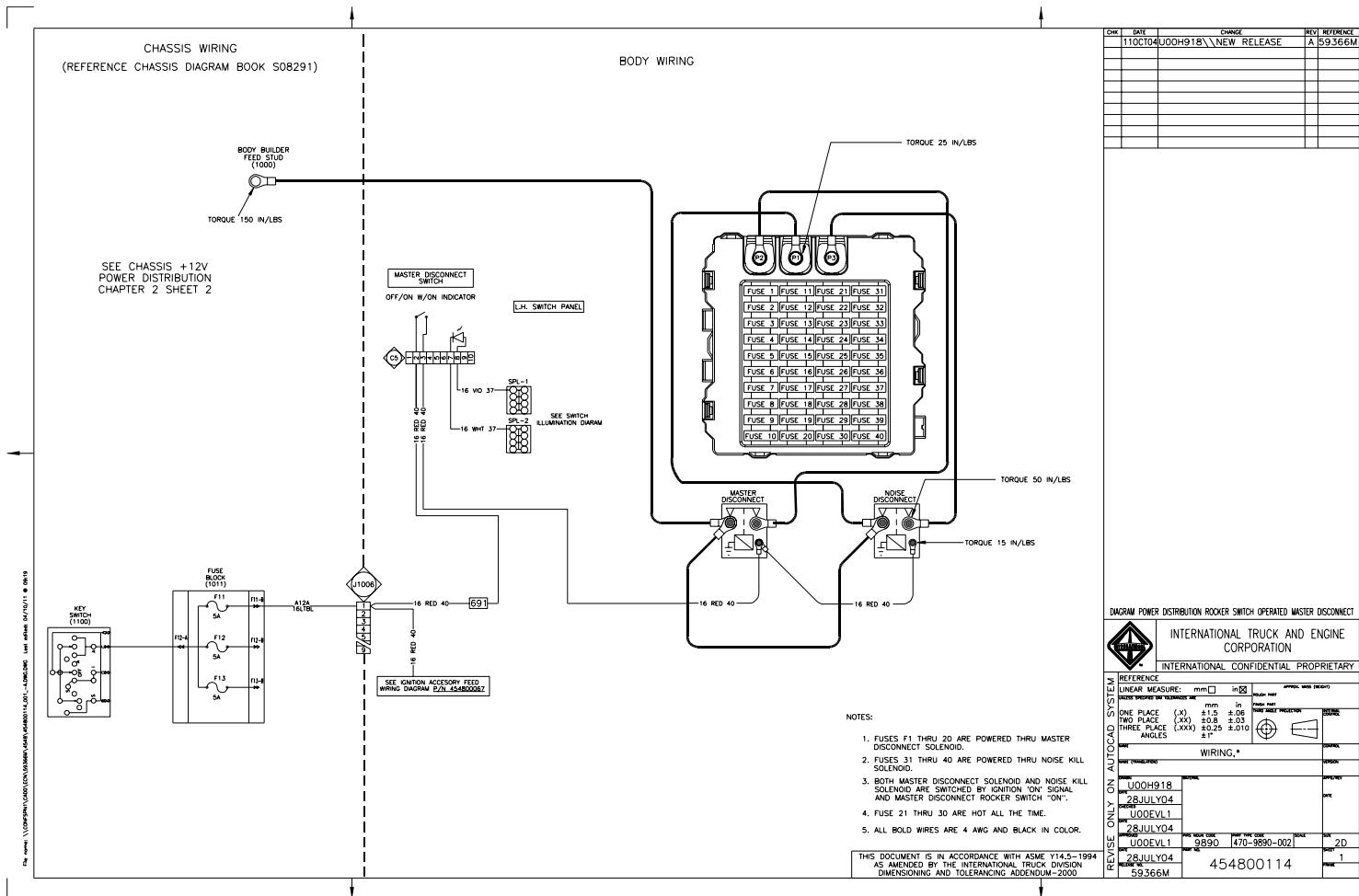


Figure 155 Rocker Switch Operated Master Disconnect

2.4. W/IGN ACT MSTR DISC ROCKER SW ACT NOISE KILL DISC

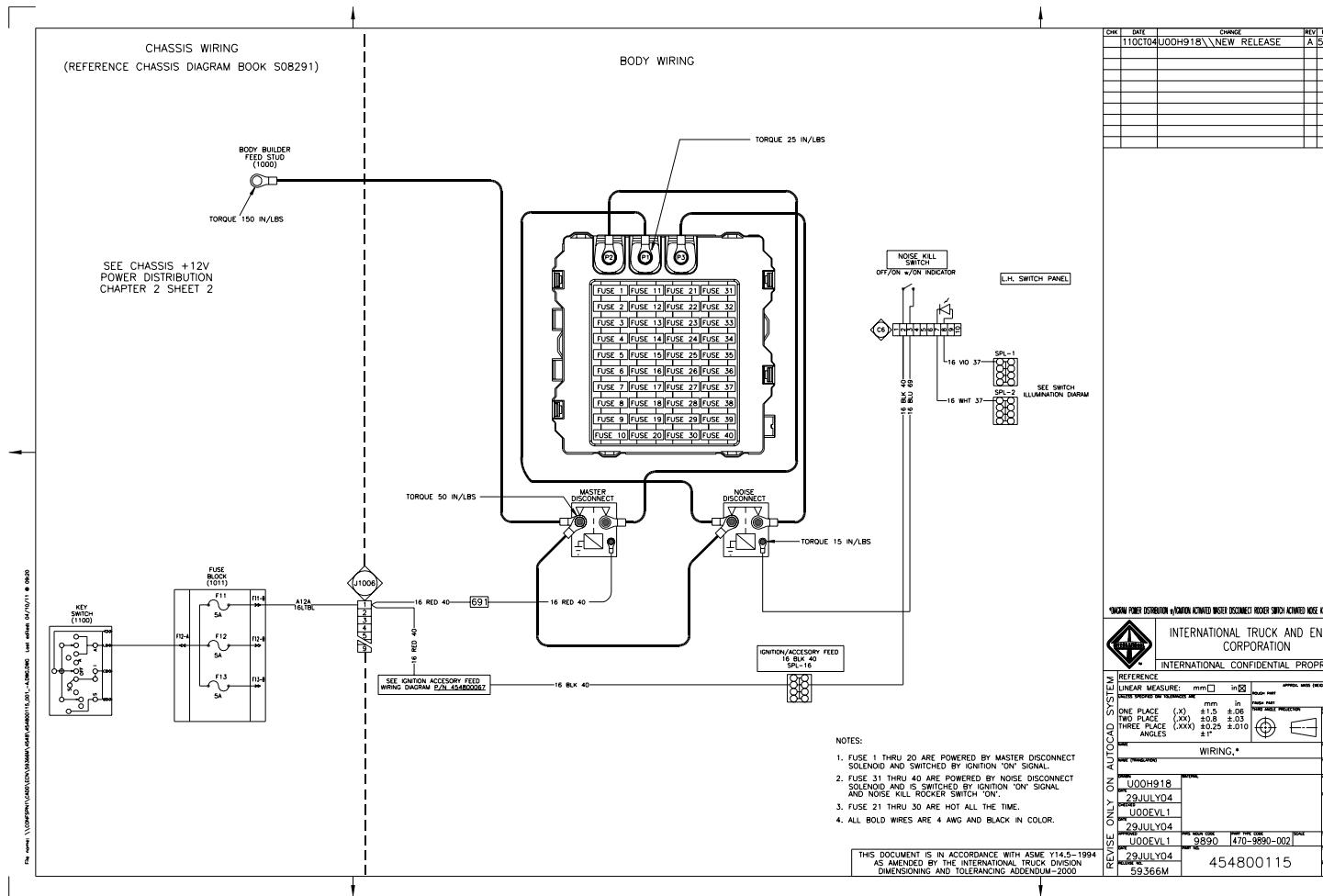


Figure 156 W/Ign Act Mstr Disc Rocker Sw Act Noise Kill Disc

2.5. W/150 AMP CIRCUIT BREAKER AND NOISE KILL SWITCH

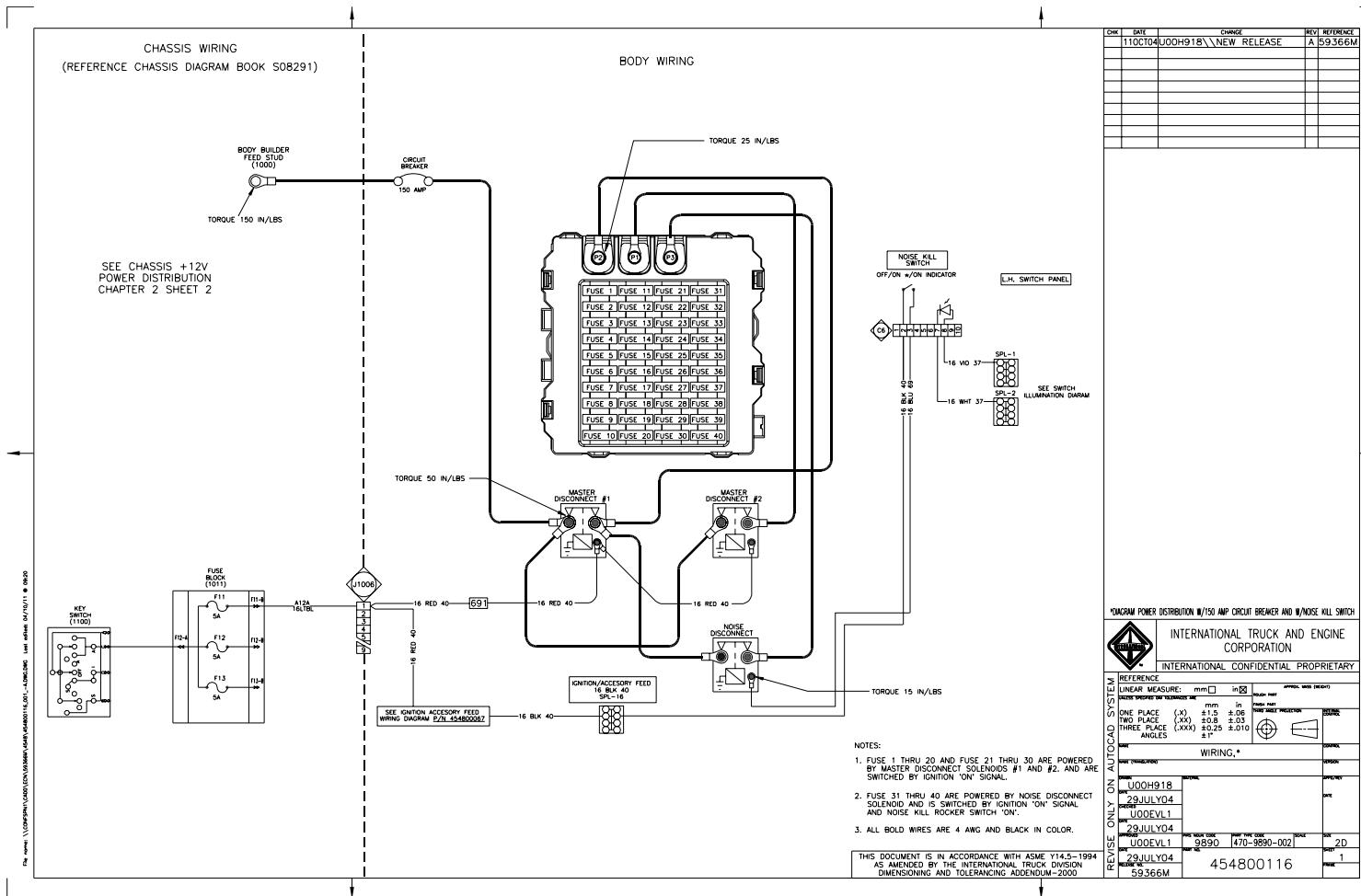


Figure 157 W/150 Amp Circuit Breaker and Noise Kill Switch

2.6. FUSE BLOCK P1

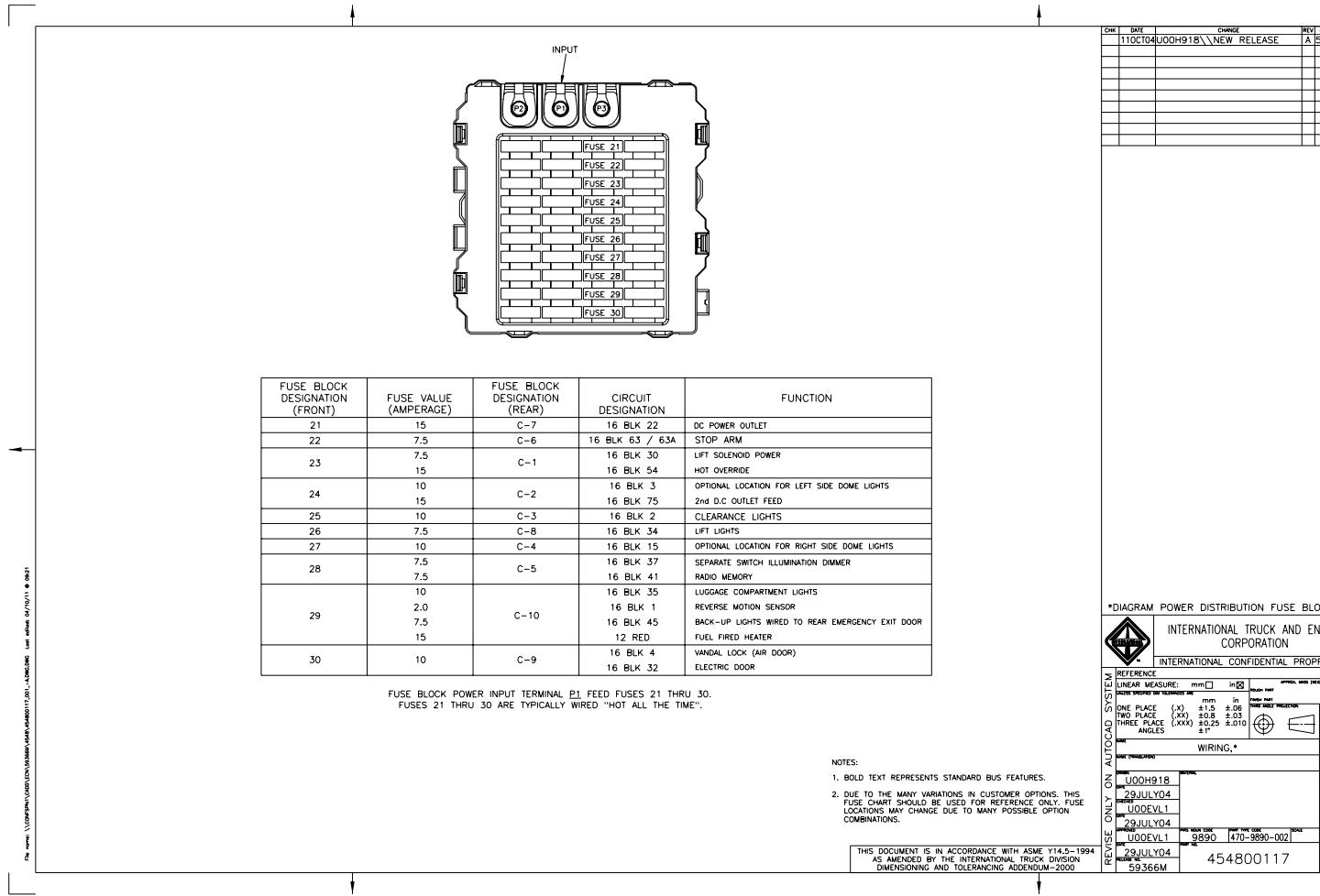


Figure 158 Fuse Block P1

2.7. FUSE BLOCK P2

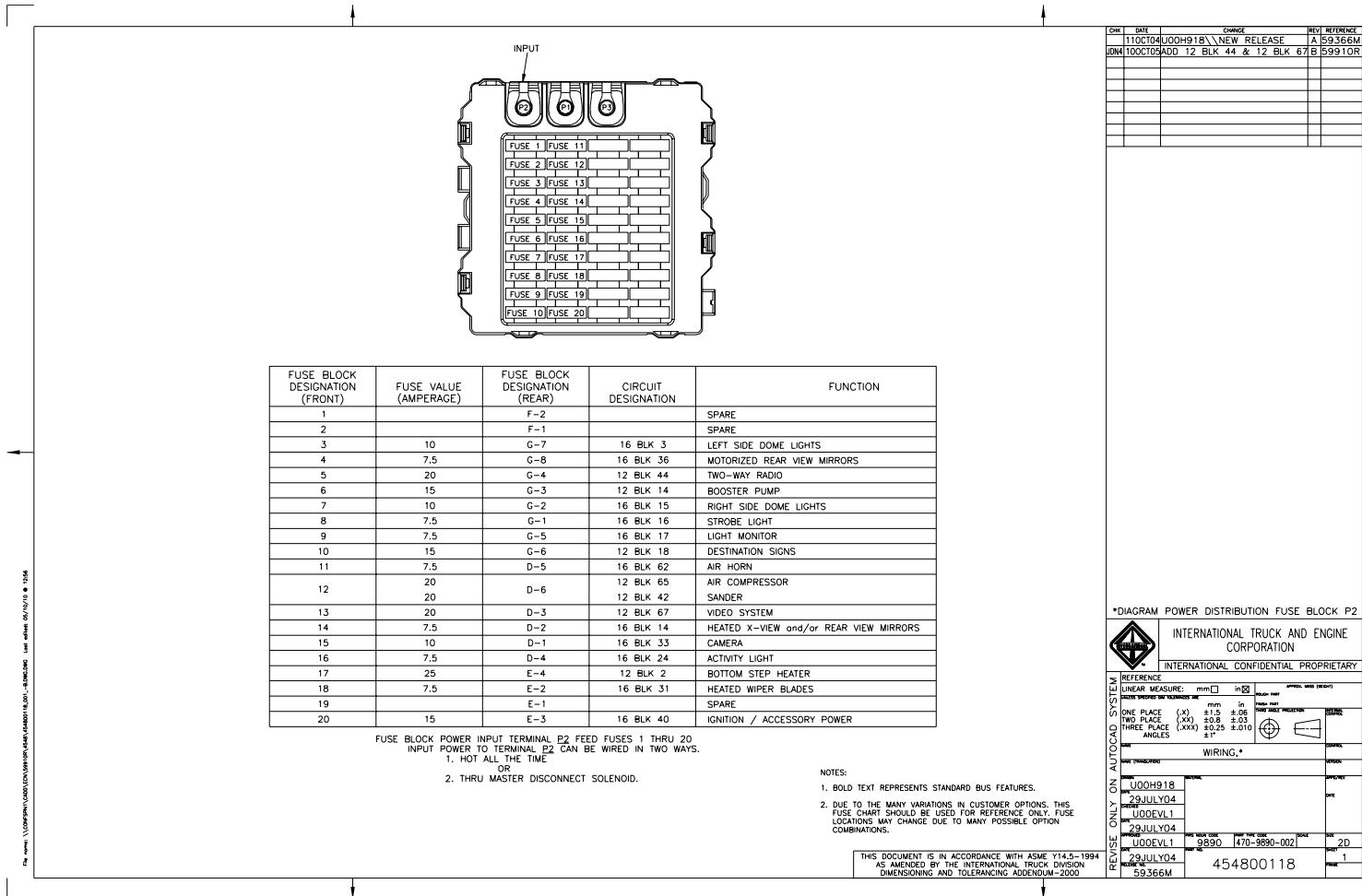


Figure 159 Fuse Block P2

2.8. FUSE BLOCK P3

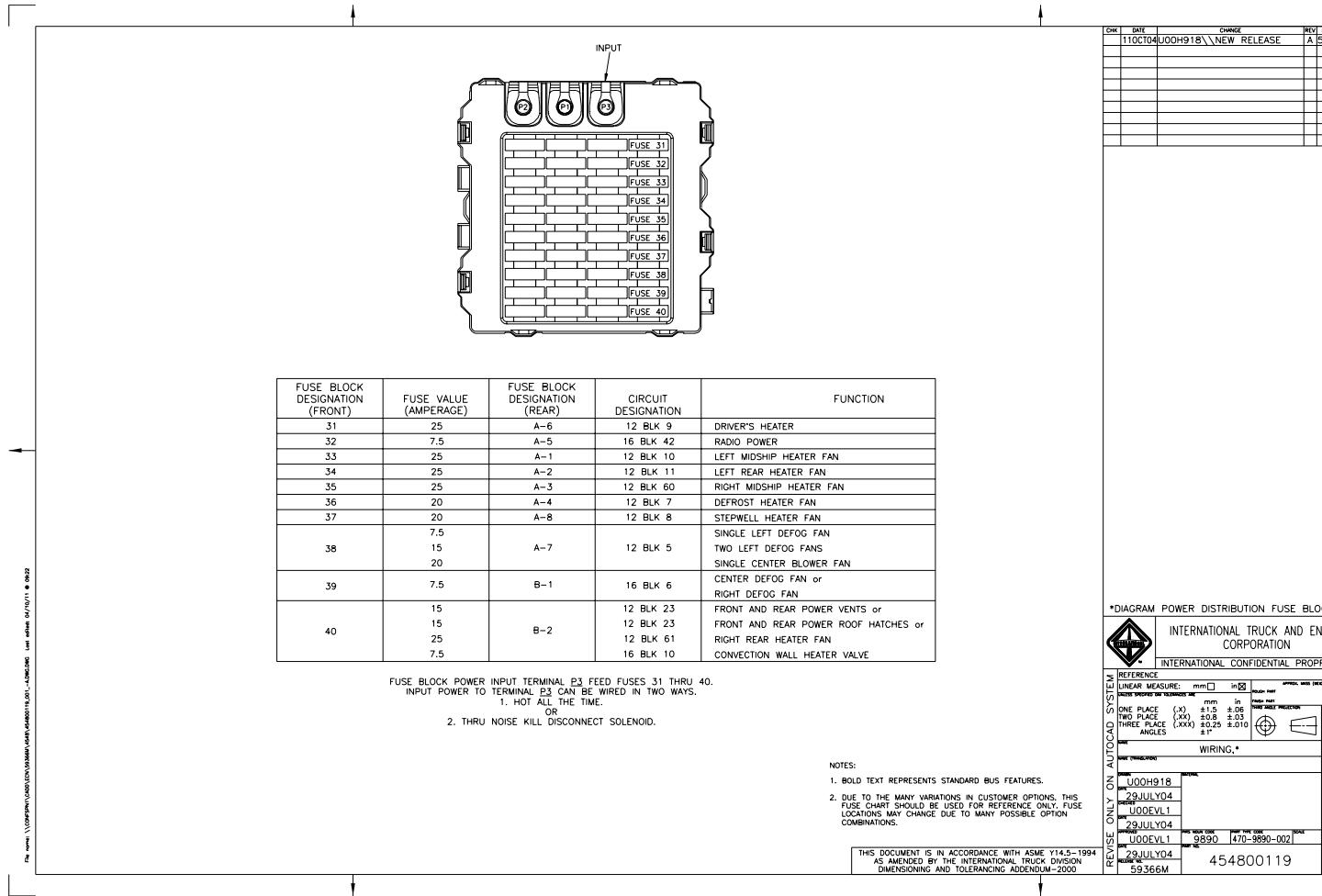


Figure 160 Fuse Block P3

2.9. ROCKER SWITCH ACTIVATED NOISE KILL DISCONNECT

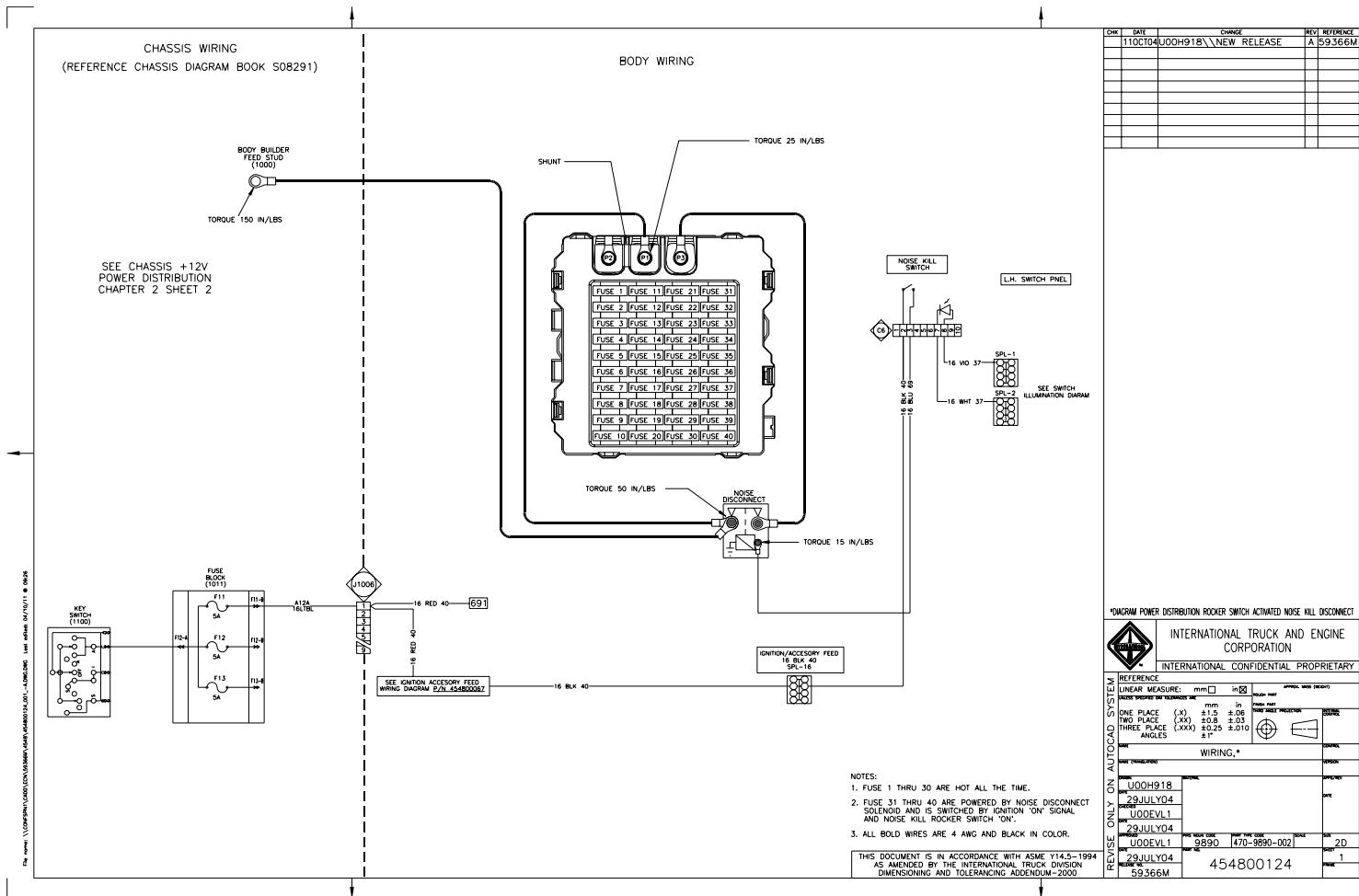


Figure 161 Rocker Switch Activated Noise Kill Disconnect

3. WARNING LIGHT SYSTEMS (CHAPTER 3)

3.1. WARNING LIGHTS — BUILT PRIOR TO JANUARY 2004

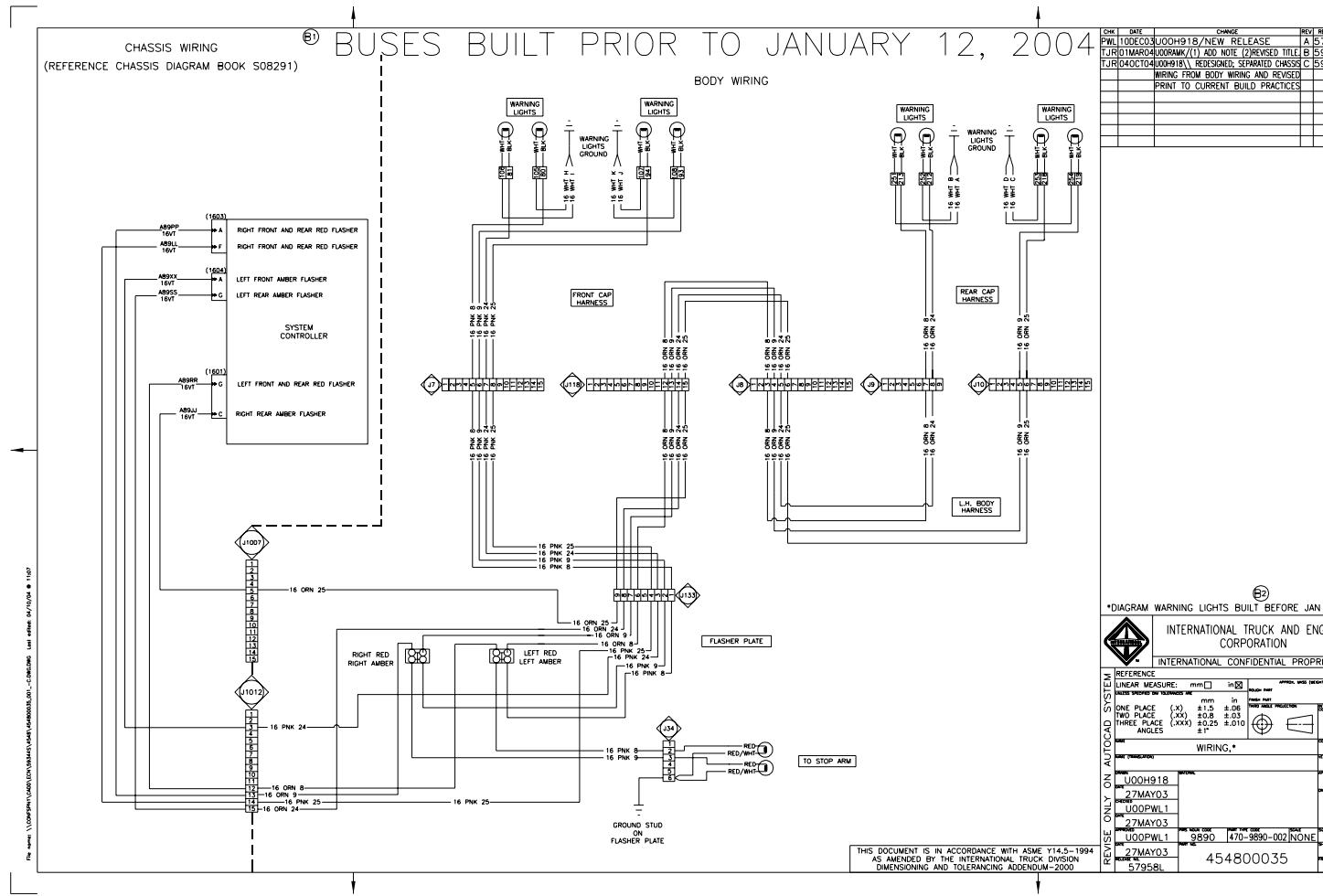


Figure 162 Warning Lights — Built Prior to January 2004

3.2. WARNING LIGHTS — BUILT JANUARY 2004 TO PRESENT

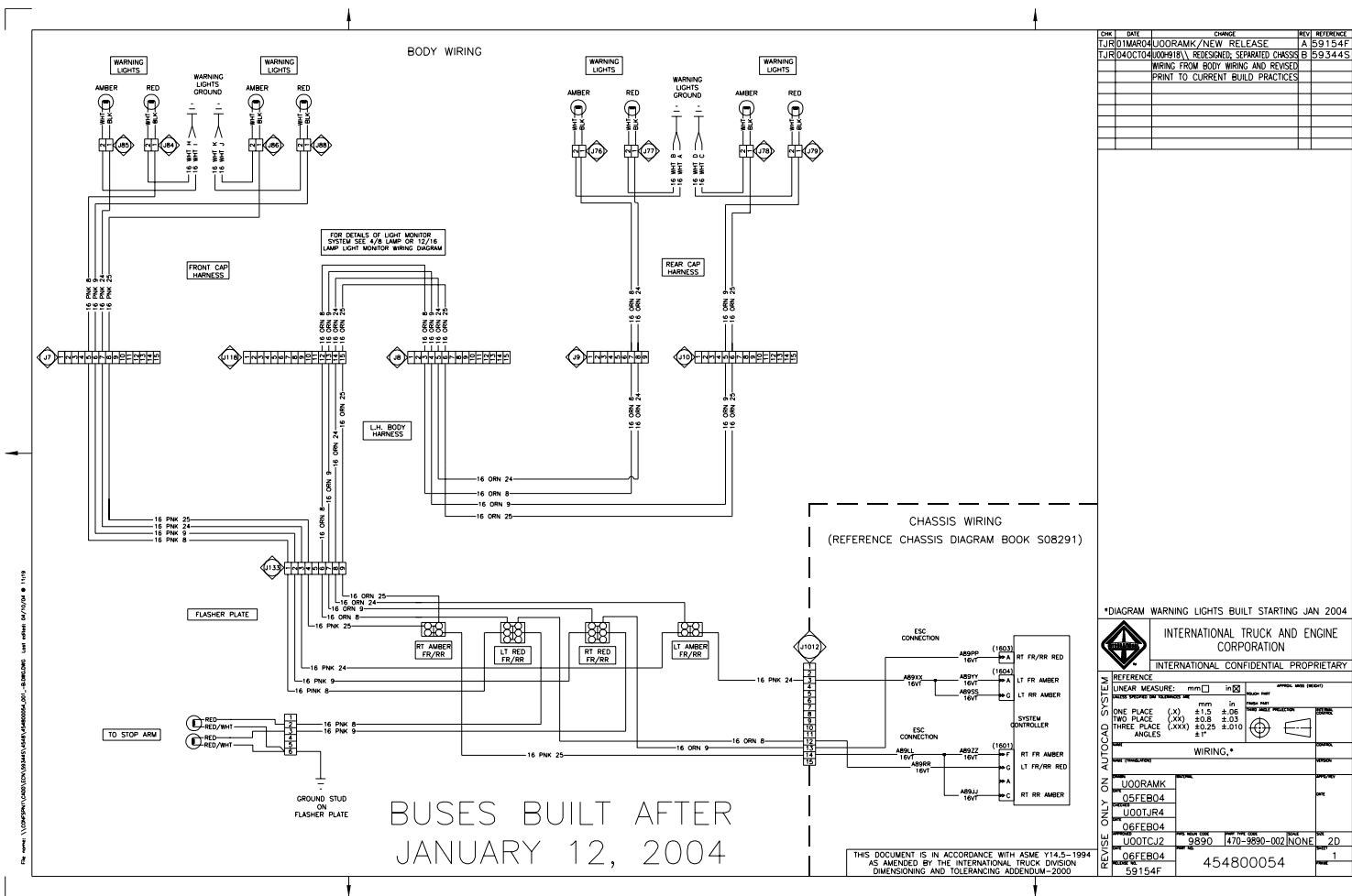


Figure 163 Warning Lights — Built January 2004 to Present

3.3. OHIO HOT ALL THE TIME OVERRIDE

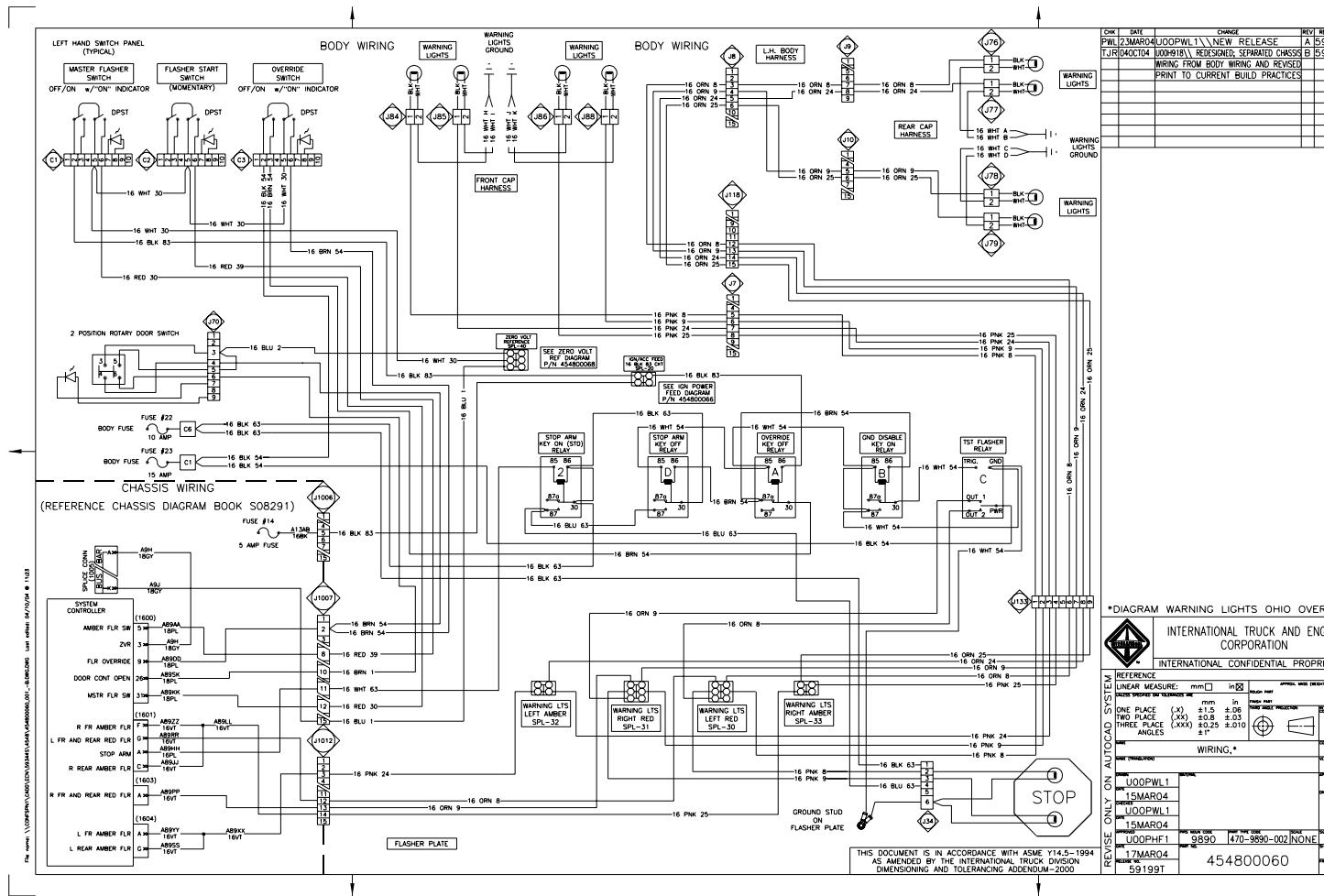


Figure 164 Ohio Hot All the Time Override

3.4. HOT ALL THE TIME OVERRIDE WITH MANUAL DOOR

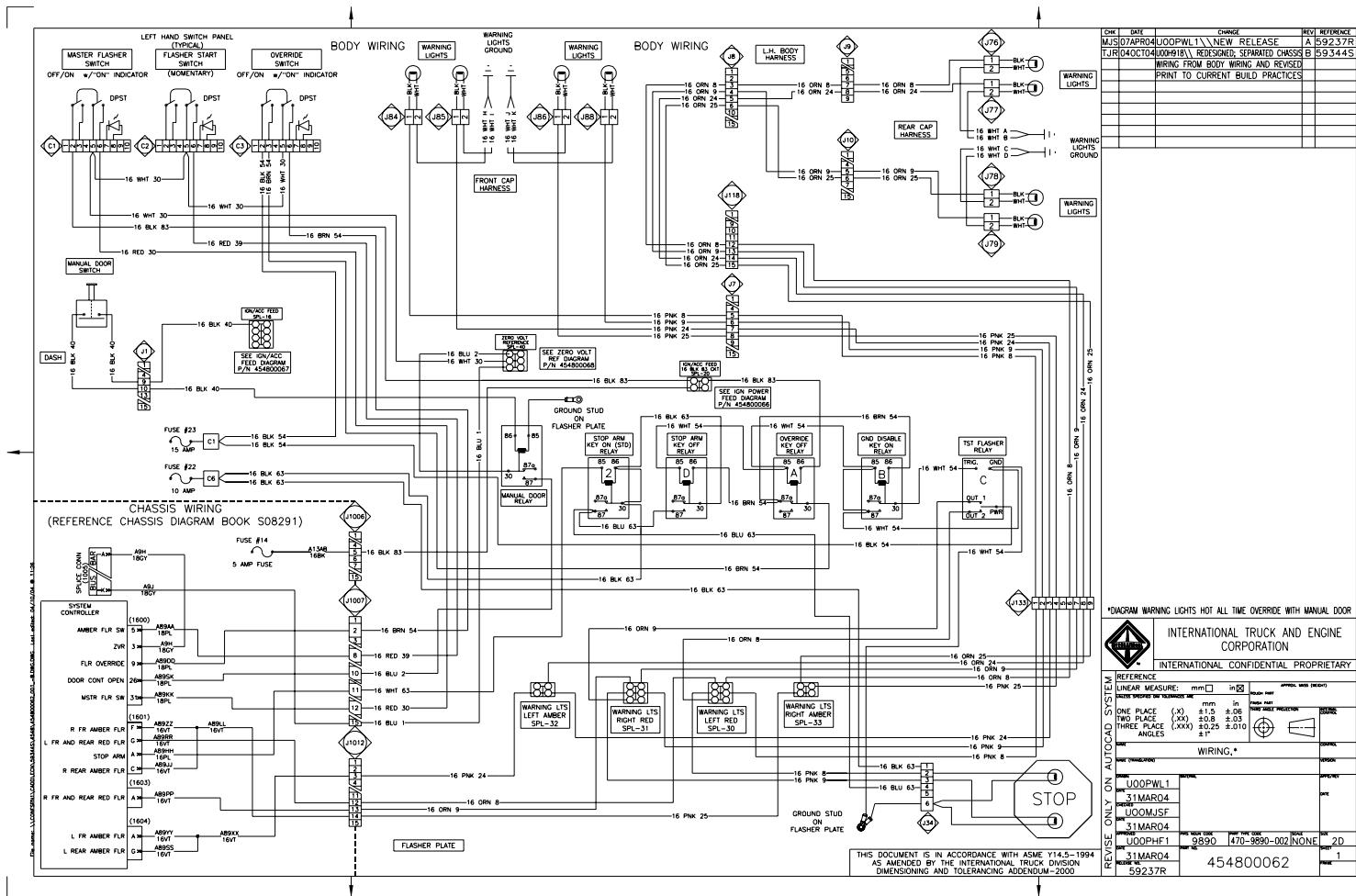


Figure 165 Hot All the Time Override with Manual Door

3.5. WARNING LIGHTS WITH LEFT HAND ROCKER SWITCH

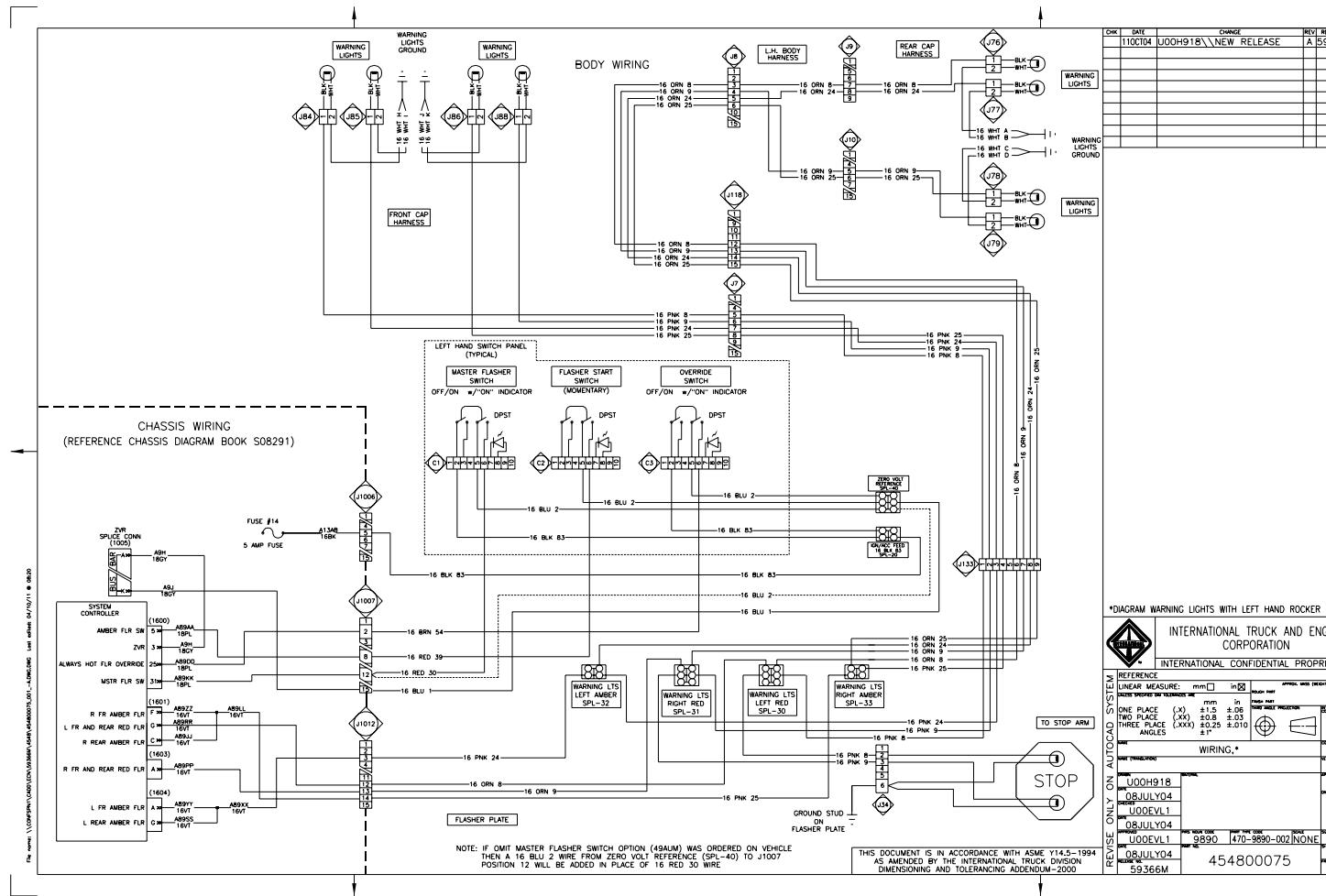


Figure 166 Warning Lights with Left Hand Rocker Switch

3.6. WARNING LIGHTS WITH RIGHT HAND ROCKER SWITCH

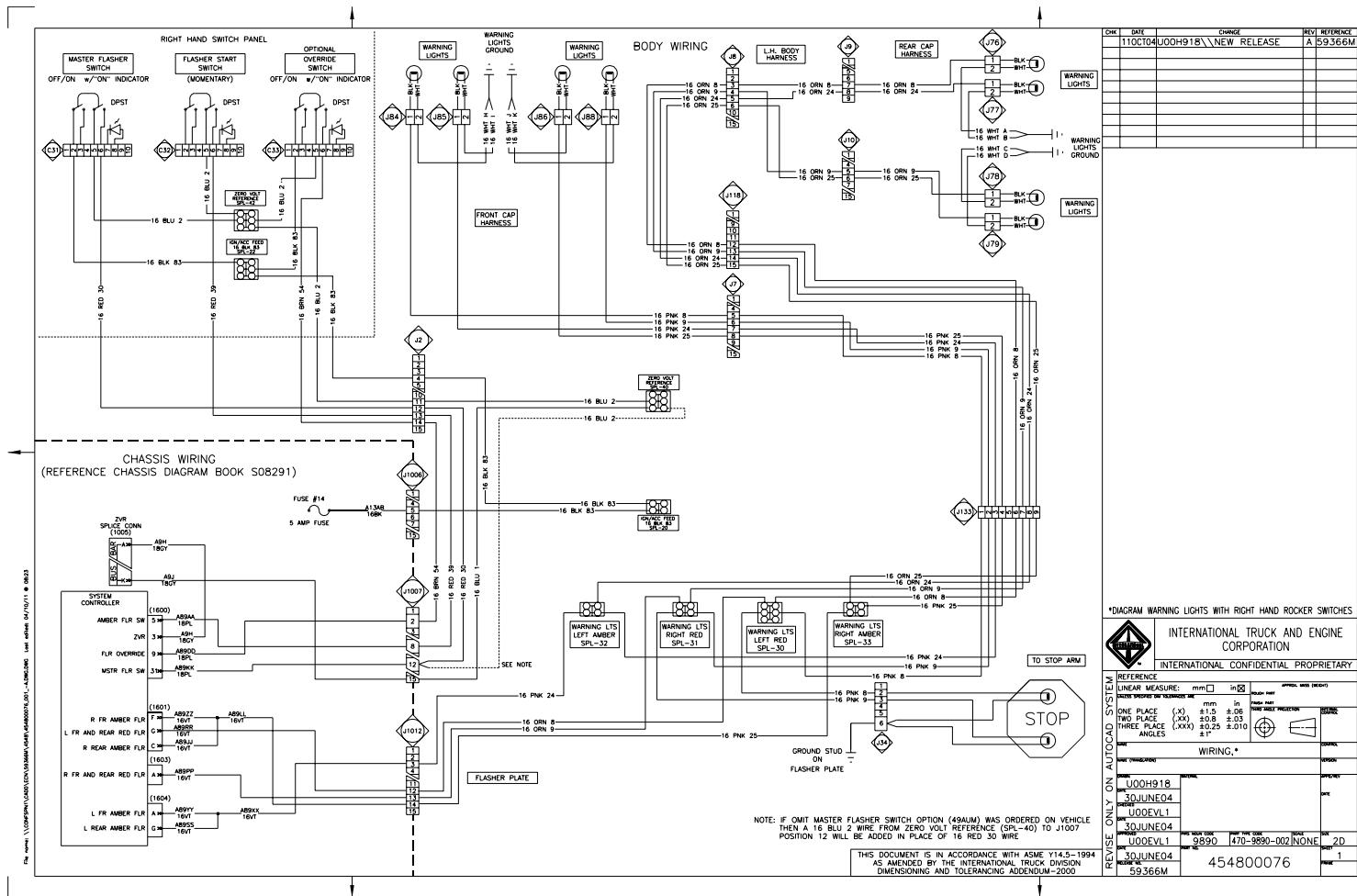


Figure 167 Warning Lights with Right Hand Rocker Switch

3.7. WARNING LIGHTS OMIT MASTER FLASHER SWITCH WITH STEERING WHEEL WARNING LIGHTS

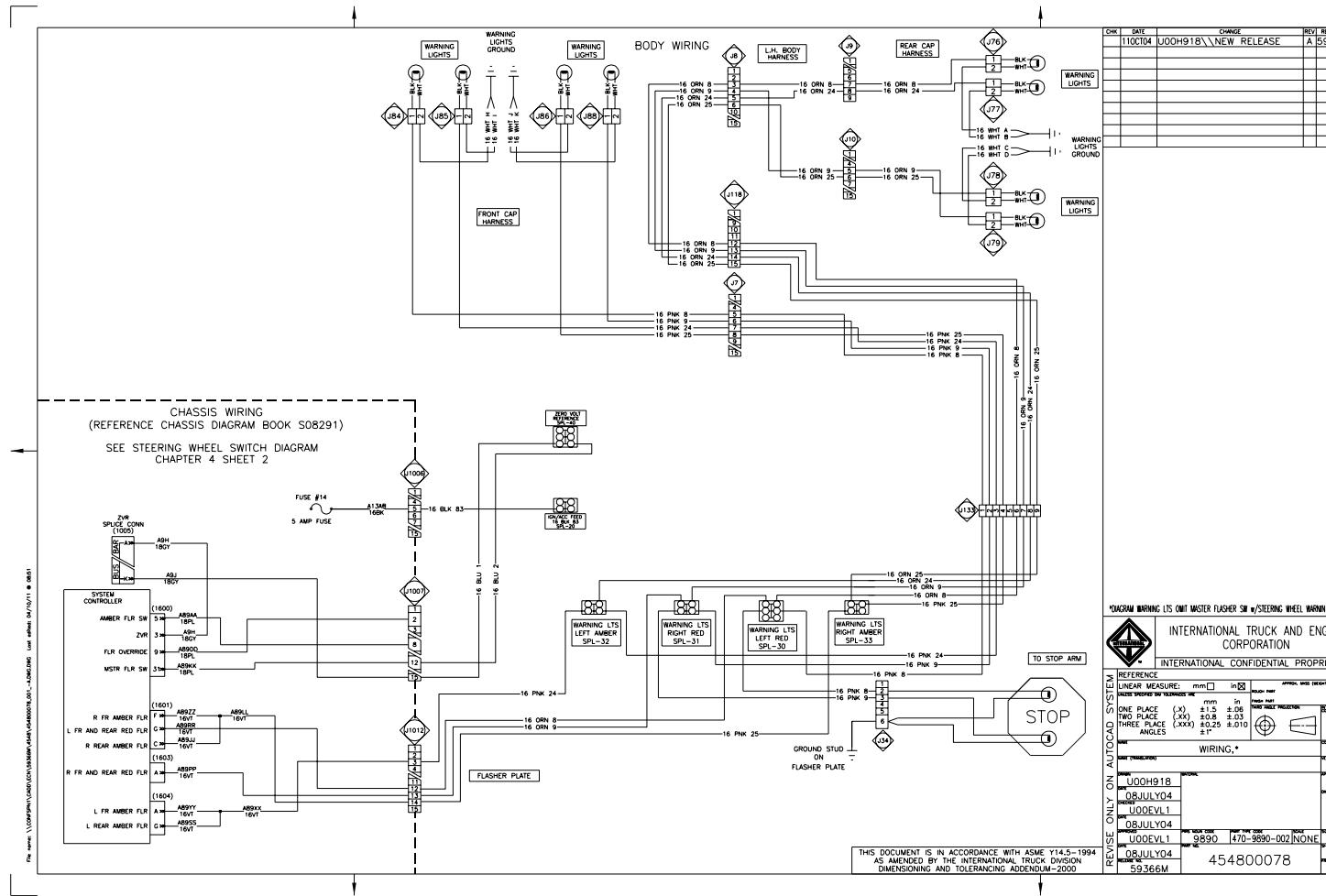


Figure 168 Warning Lights Omit Master Flasher Switch with Steering Wheel Warning Lights

3.8. WARNING LIGHTS WITH MASTER FLASHER SWITCH WITH STEERING WHEEL SWITCHES

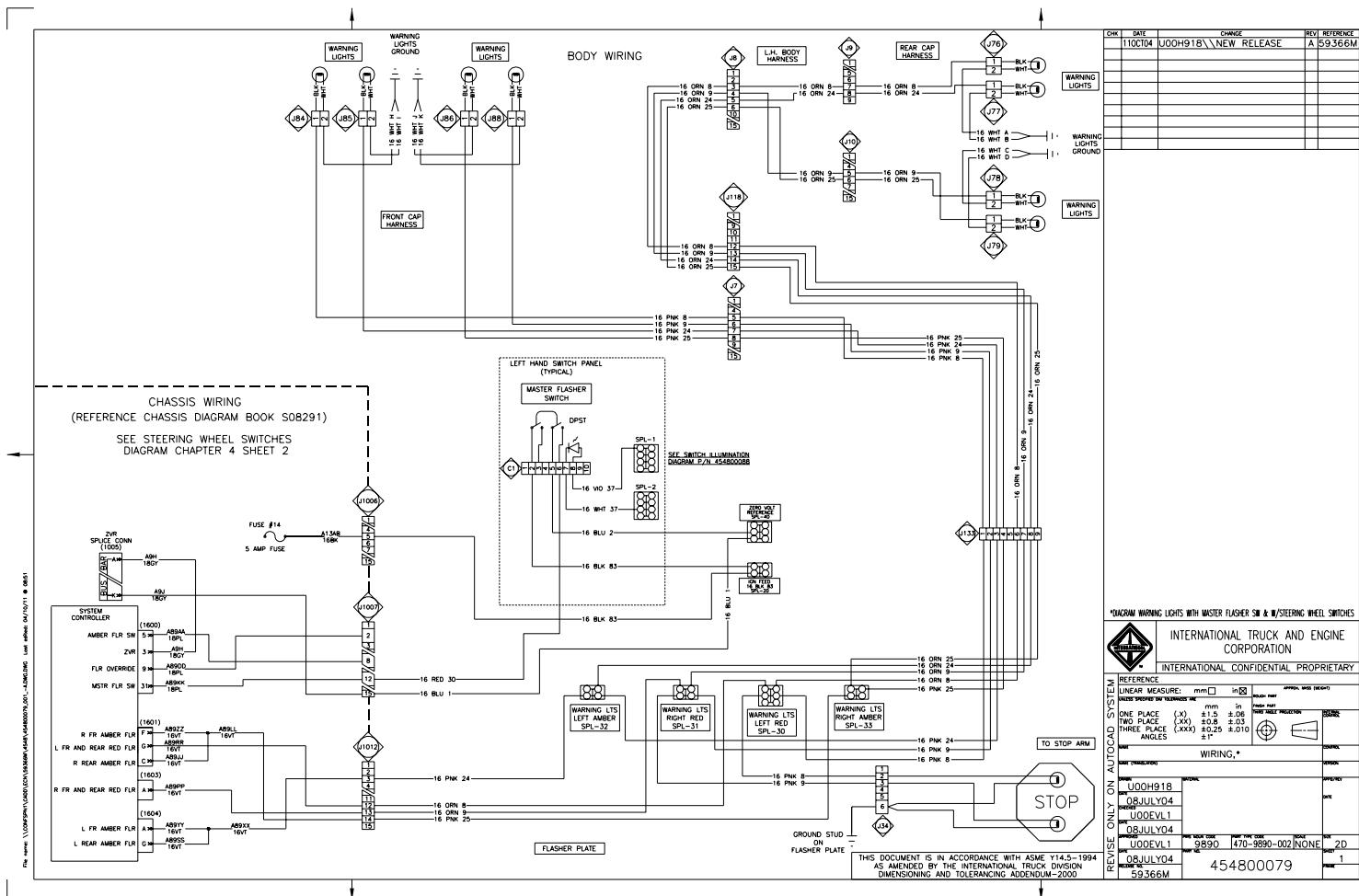


Figure 169 Warning Lights with Master Flasher Switch with Steering Wheel Switches

3.9. VIRGINIA WARNING LIGHTS WITH ROCKER SWITCHES

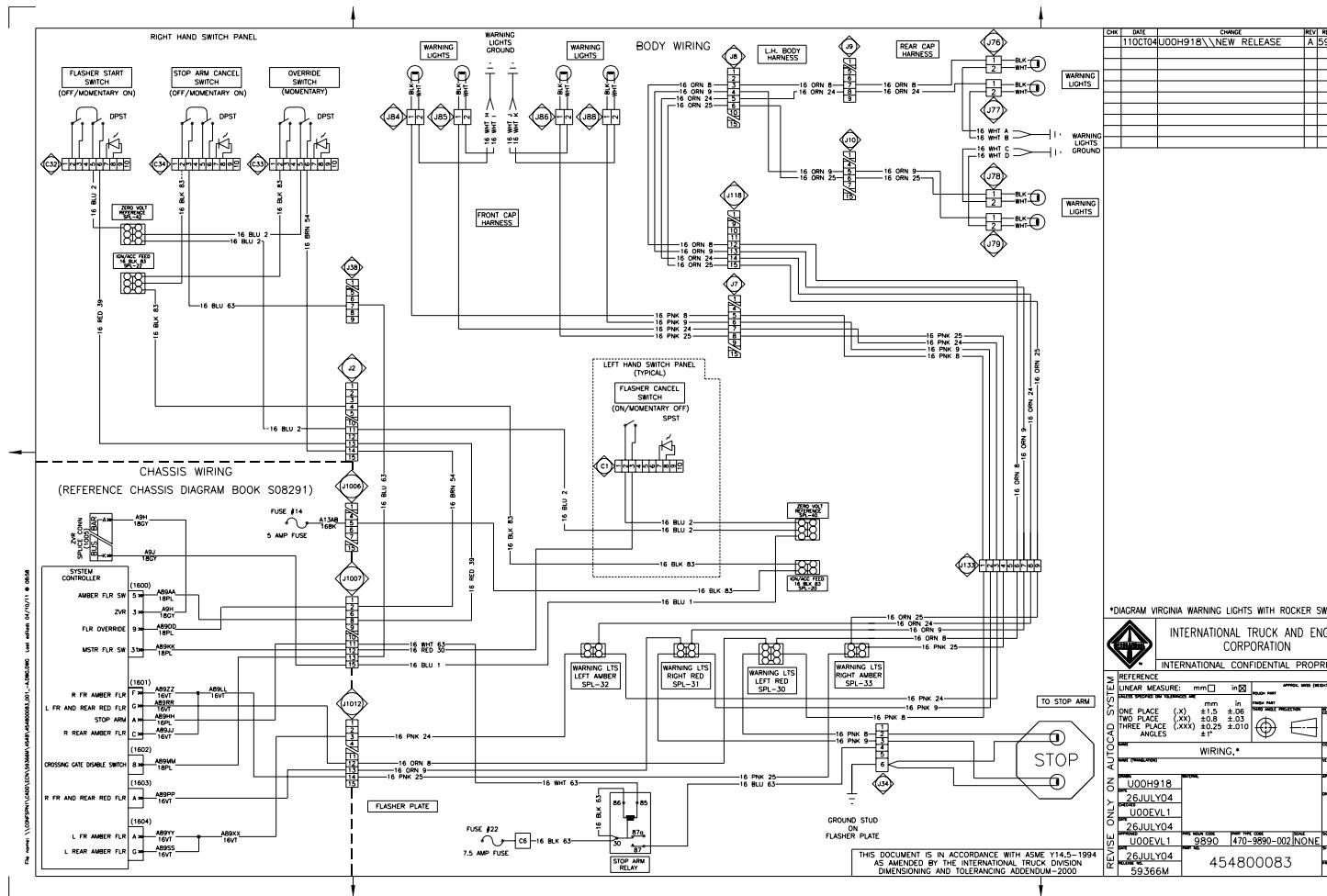


Figure 170 Virginia Warning Lights with Rocker Switches

3.10. FLORIDA WARNING LIGHTS WITH ROCKER SWITCHES

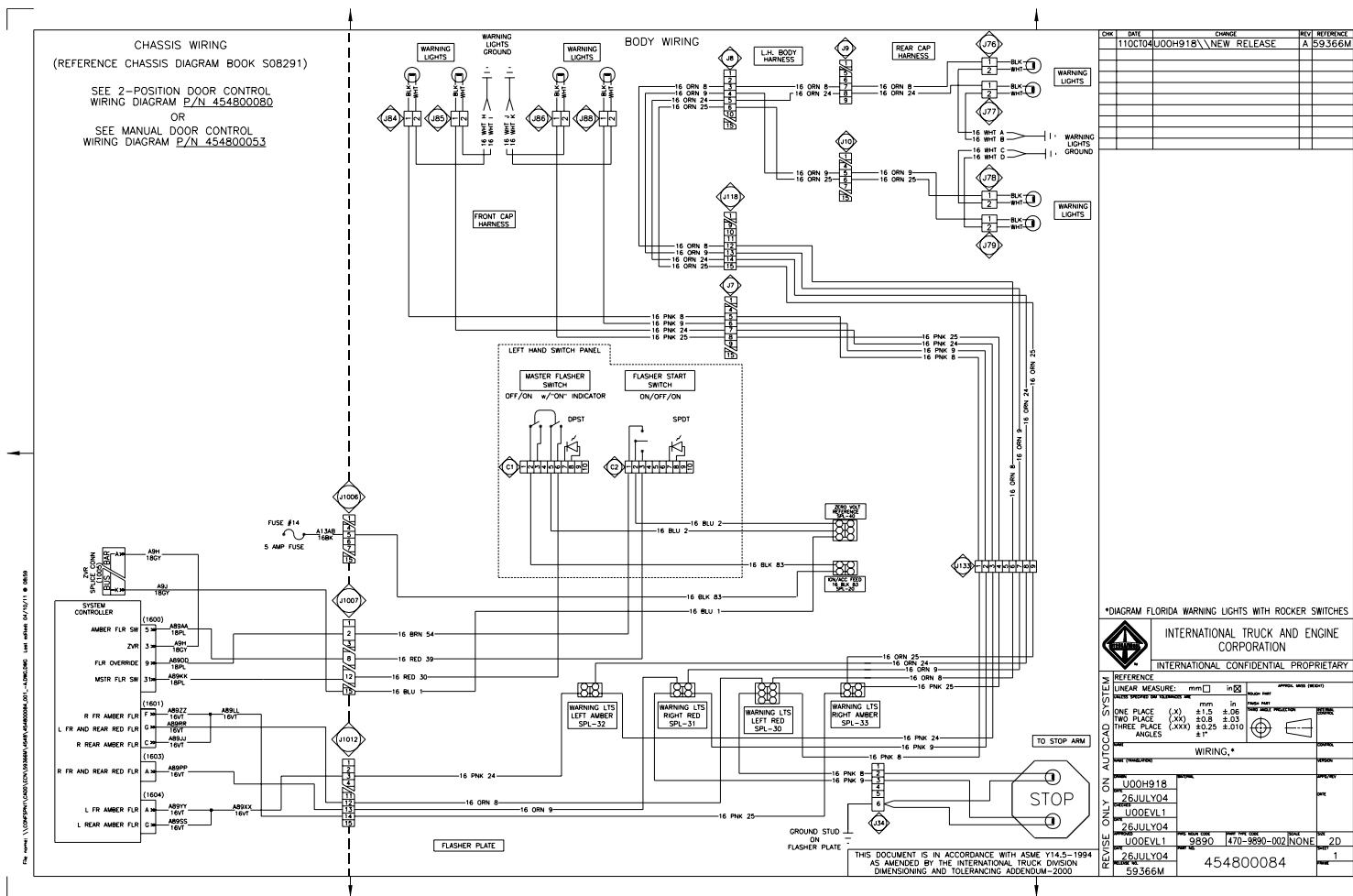


Figure 171 Florida Warning Lights with Rocker Switches

3.11. MARYLAND WARNING LIGHTS WITH RIGHT HAND ROCKER SWITCHES

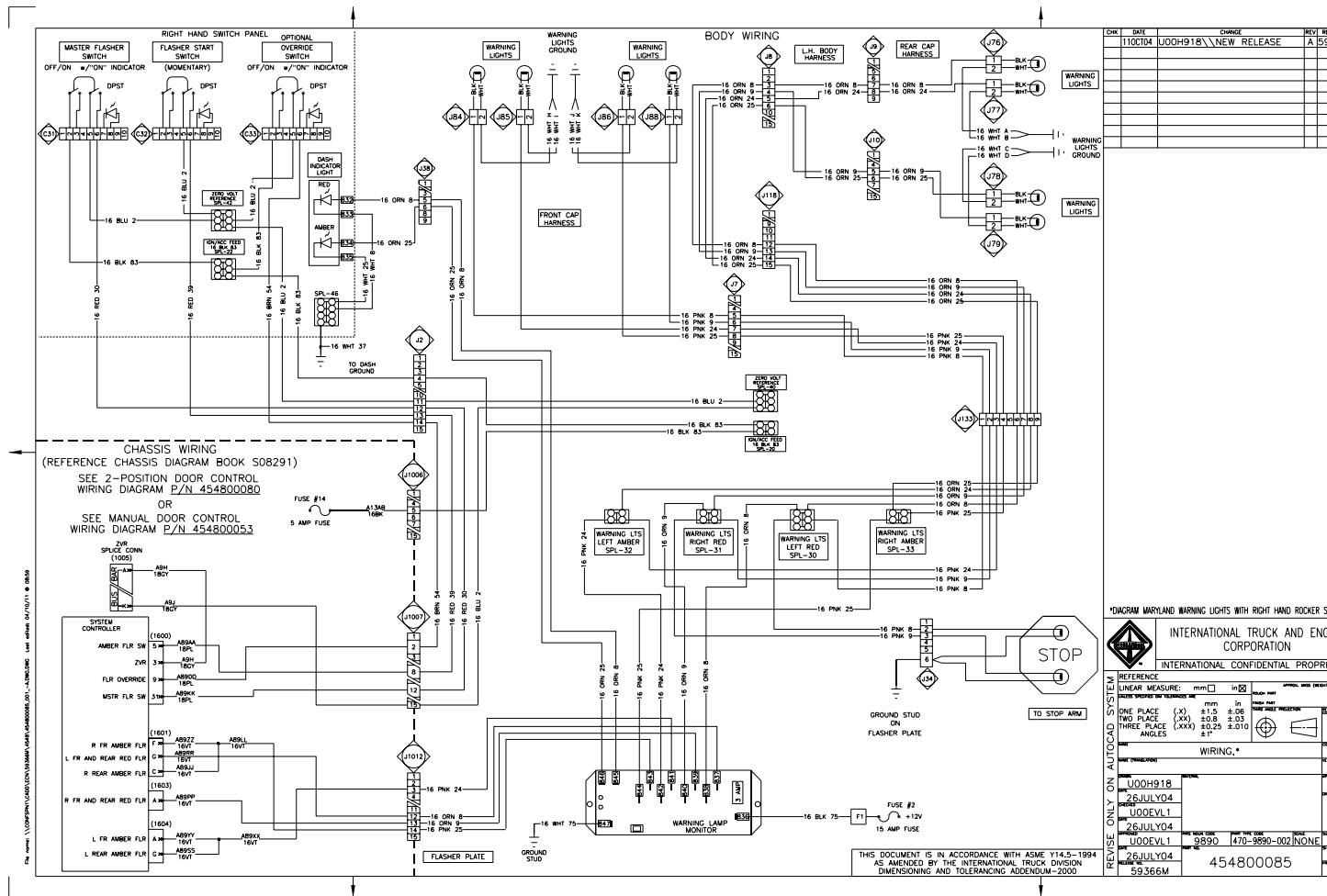


Figure 172 Maryland Warning Lights with Right Hand Rocker Switches

3.12. WARNING LIGHT INDICATOR LAMPS IN RIGHT SWITCH PANEL

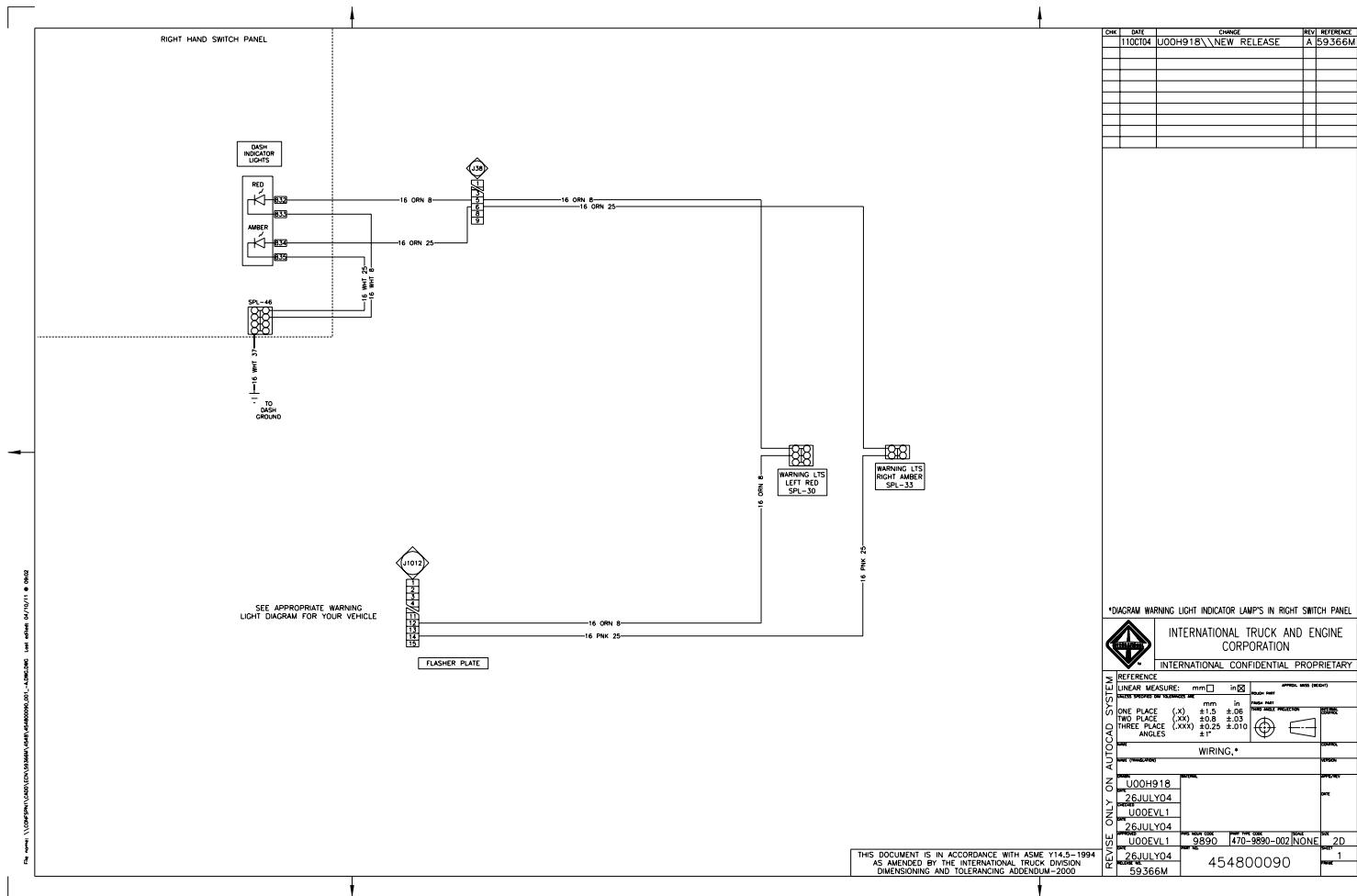


Figure 173 Warning Light Indicator Lamps in Right Switch Panel

3.13. ALWAYS HOT OVERRIDE ROCKER SWITCH

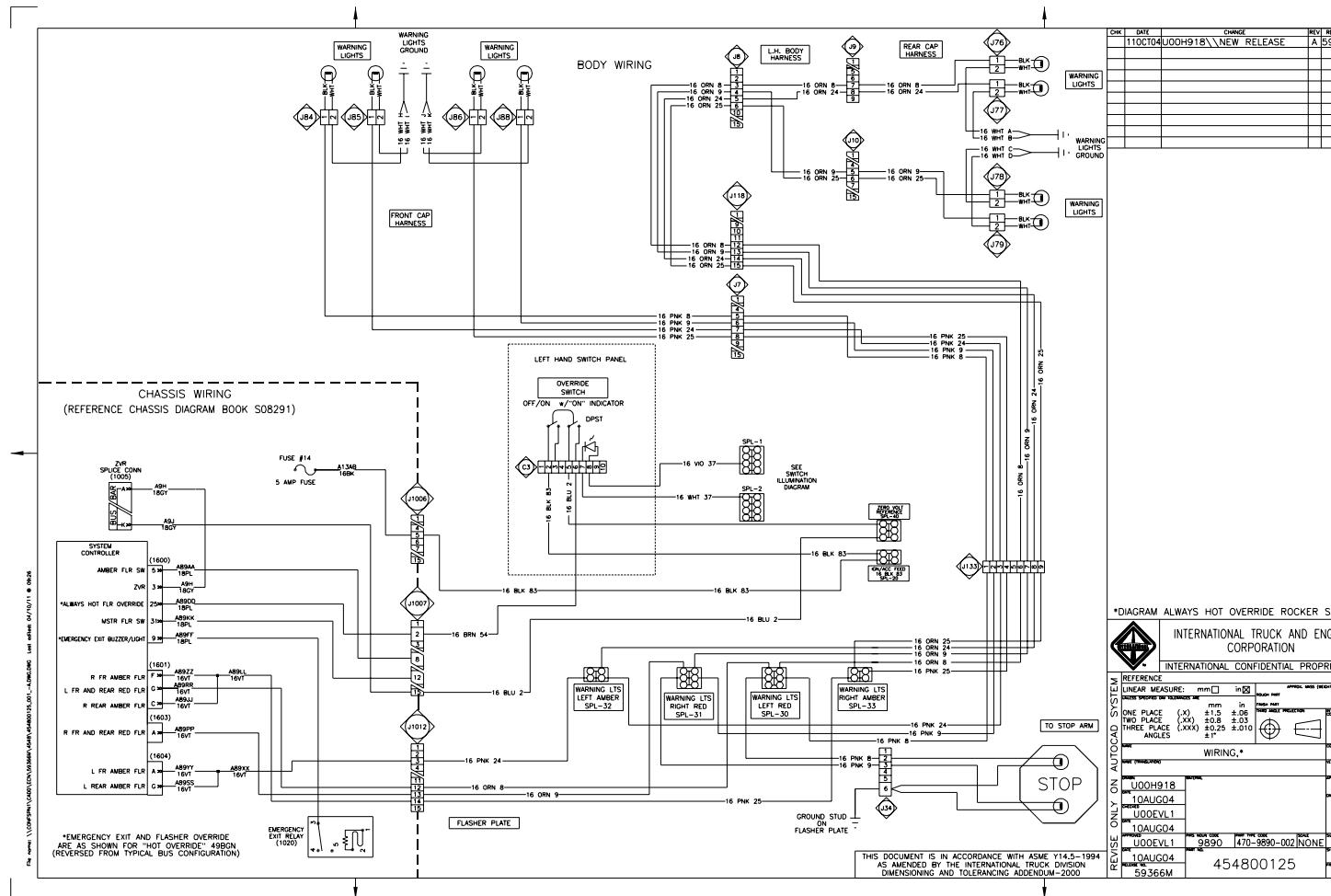


Figure 174 Always Hot Override Rocker Switch

3.14. RED WARNING LIGHTS ACTIVATED BY LIFT DOOR

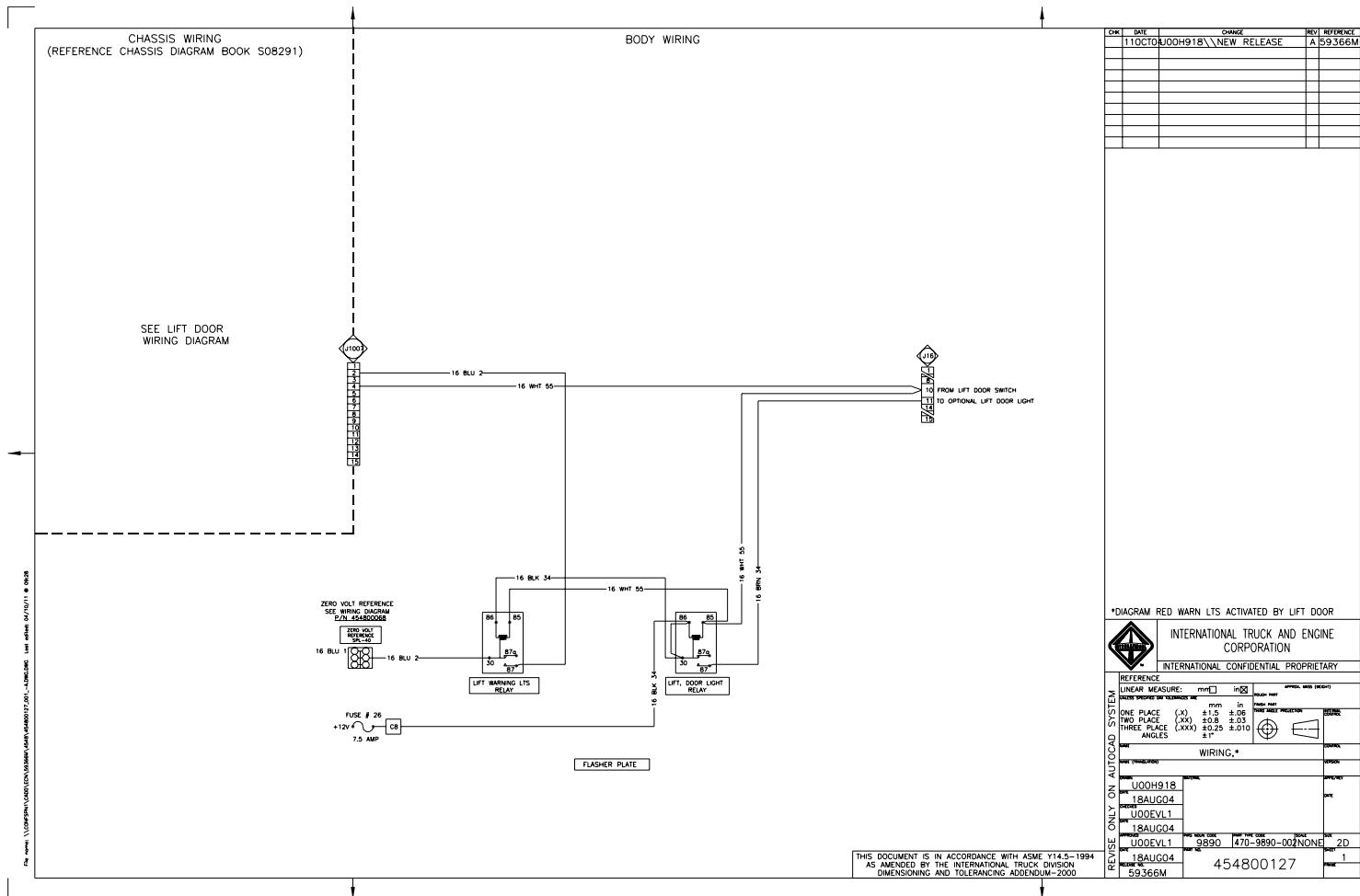


Figure 175 Red Warning Lights Activated by Lift Door

4. STOP ARM — CROSSING GATE (CHAPTER 4)

4.1. STOP ARM — ELECTRIC (FRONT / REAR)

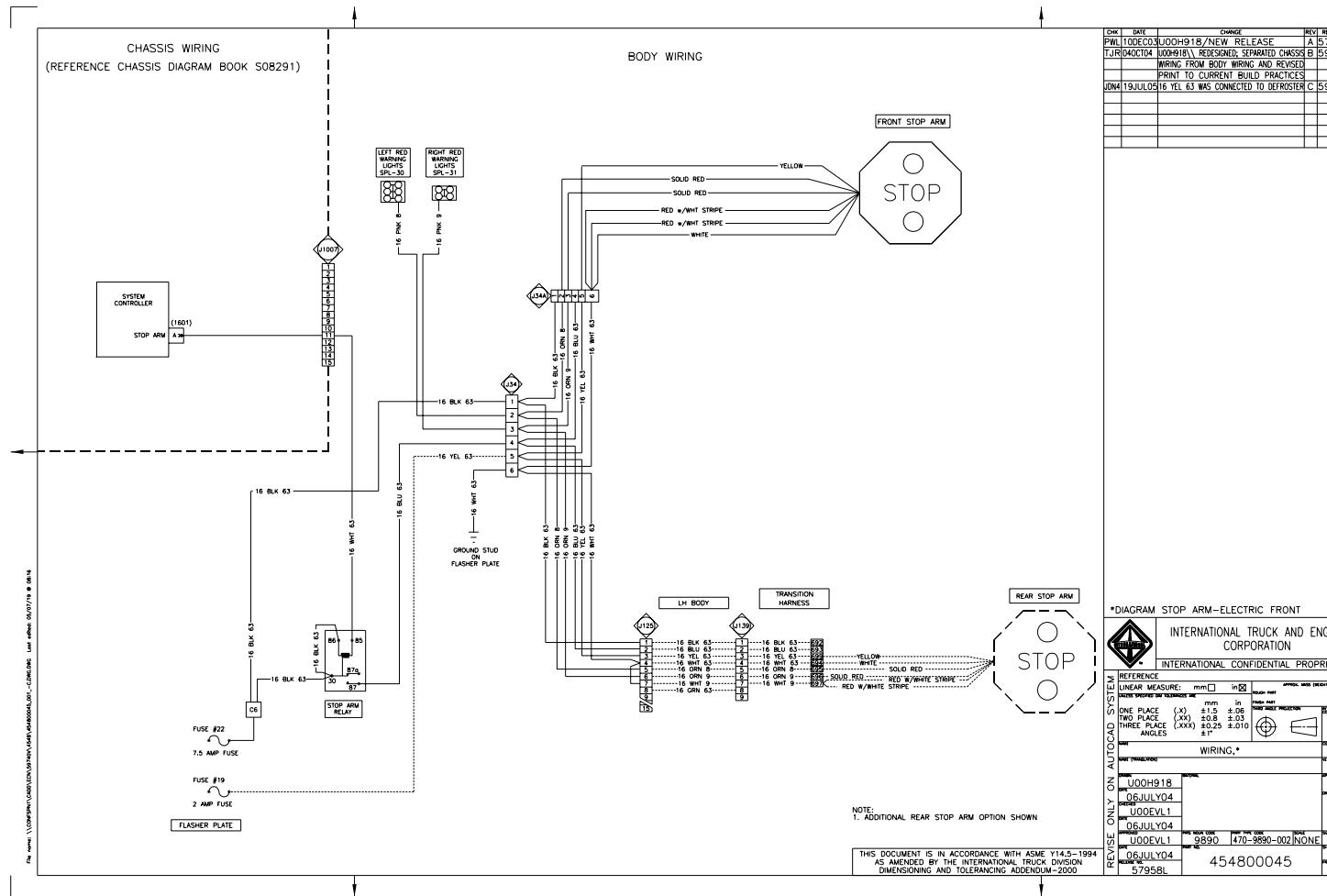


Figure 176 Stop Arm — Electric (Front / Rear)

4.2. STOP ARM — AIR (FRONT / REAR)

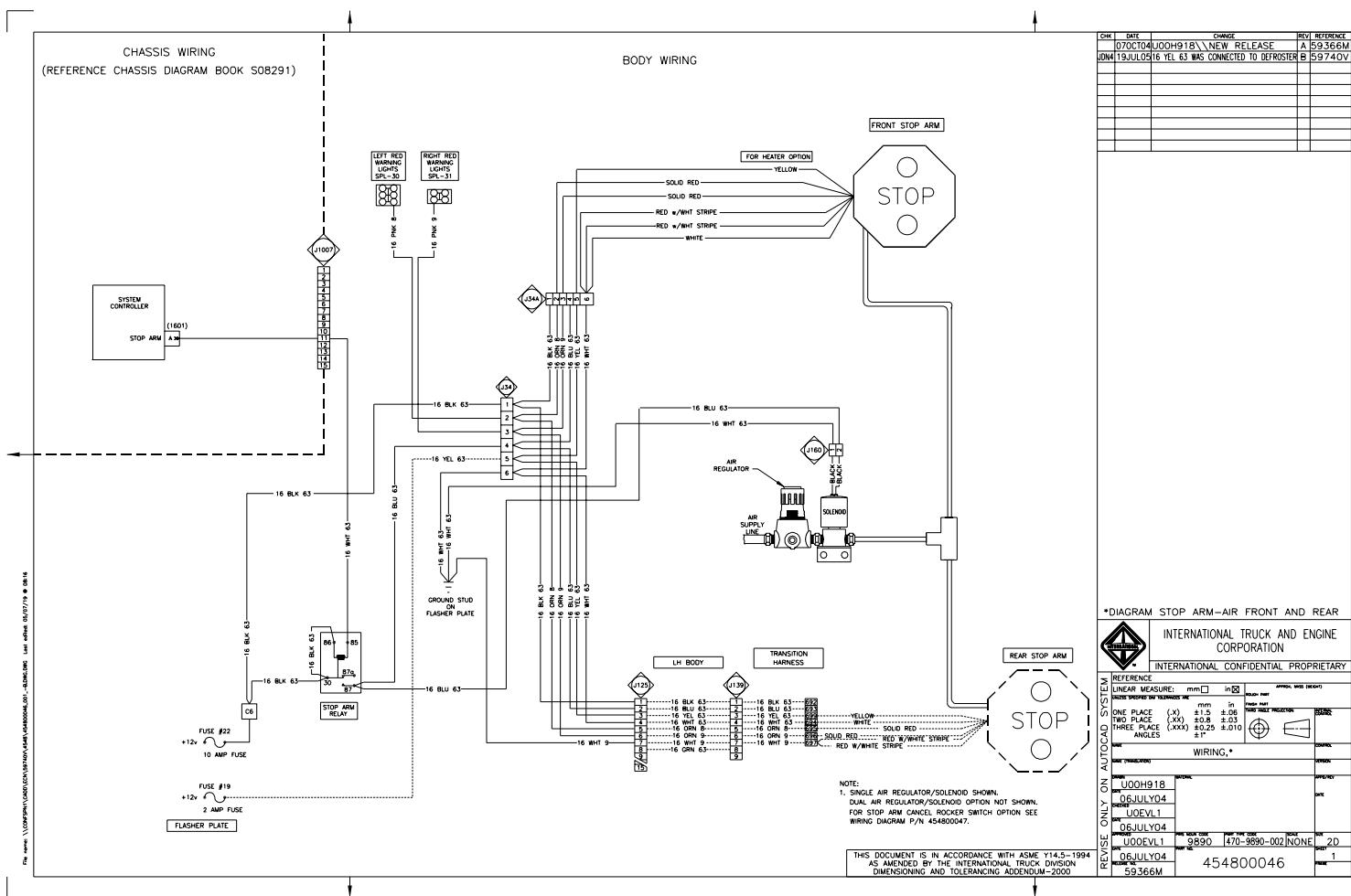


Figure 177 Stop Arm — Air (Front / Rear)

4.3. STOP ARM CANCEL

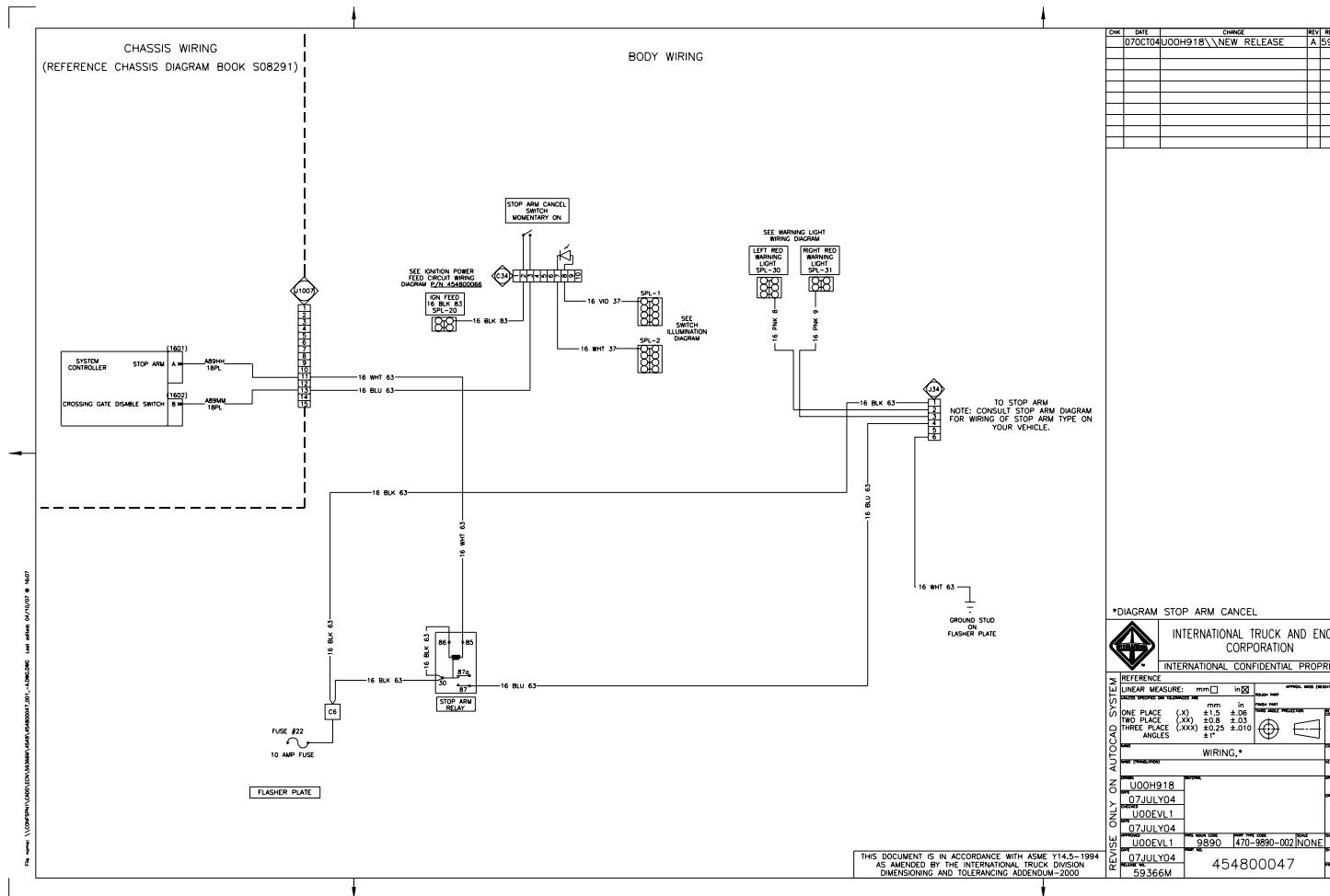


Figure 178 Stop Arm Cancel

4.4. SINGLE CYCLE CROSSING GATE INHIBIT 49AAZ

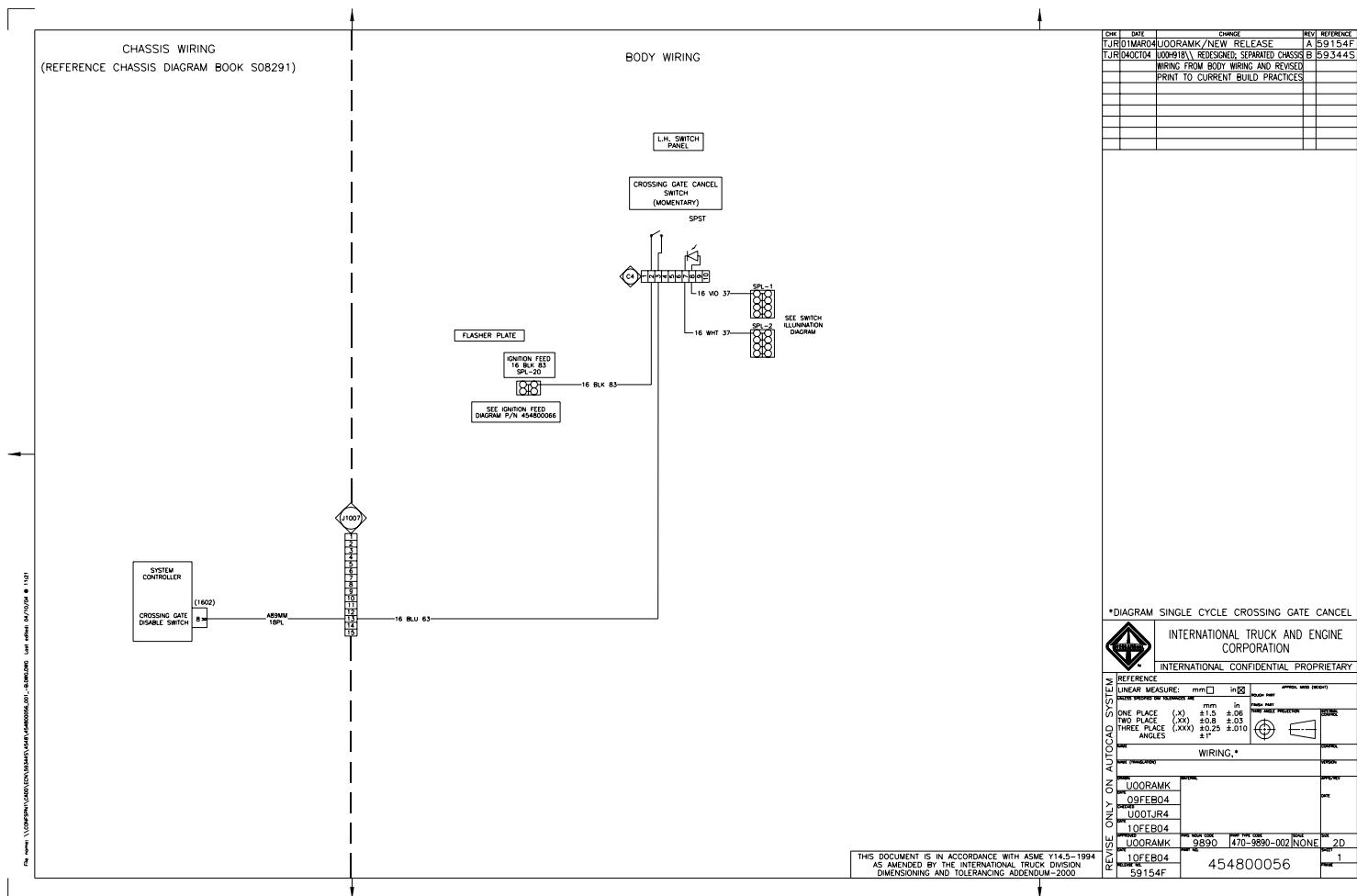


Figure 179 Single Cycle Crossing Gate Inhibit 49AAZ

5. ENTRANCE DOOR CONTROLS (CHAPTER 5)

5.1. AIR DOOR WITH DUMP VALVE

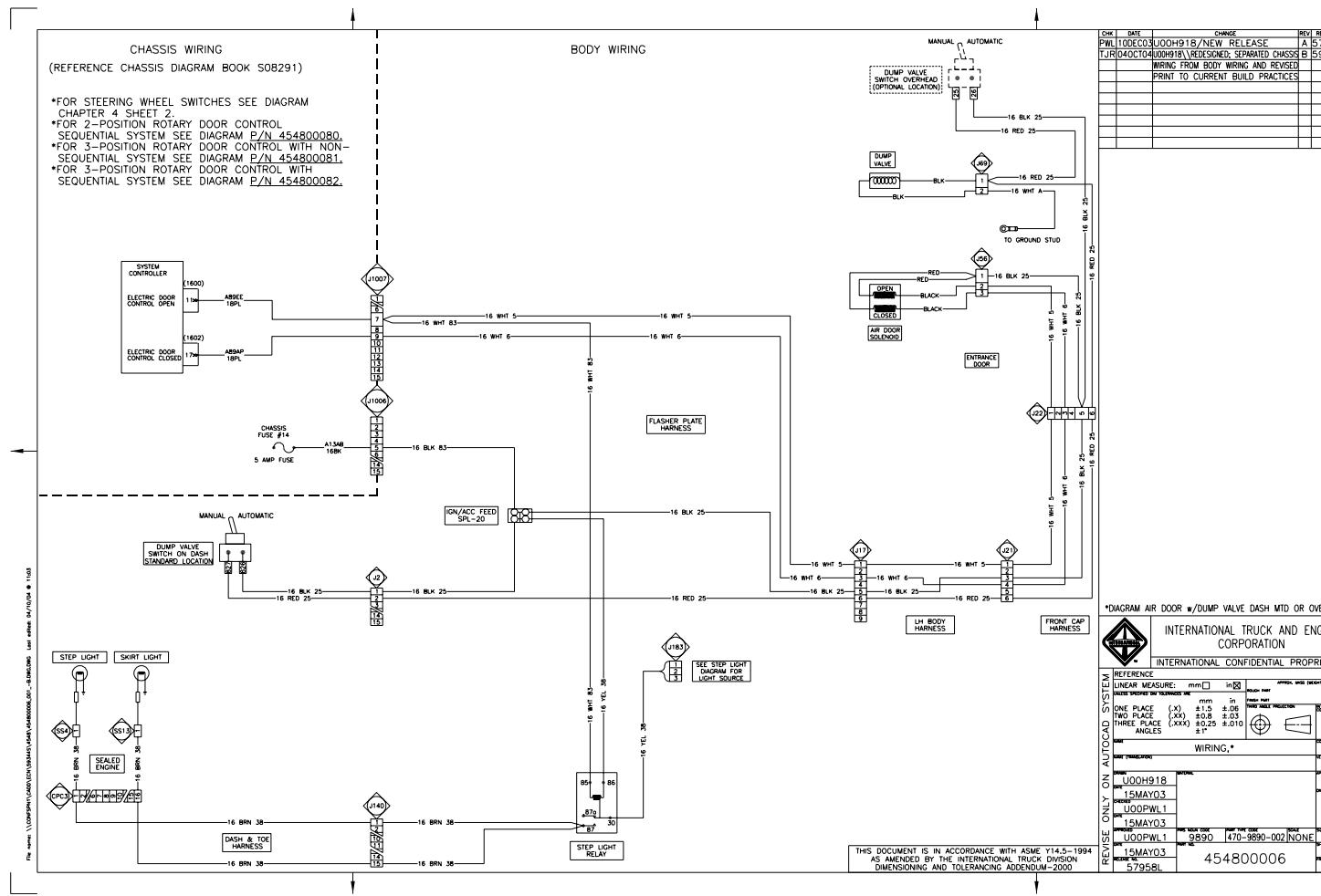


Figure 180 Air Door with Dump Valve

5.2. ELECTRIC DOOR WITH VANDAL LOCK

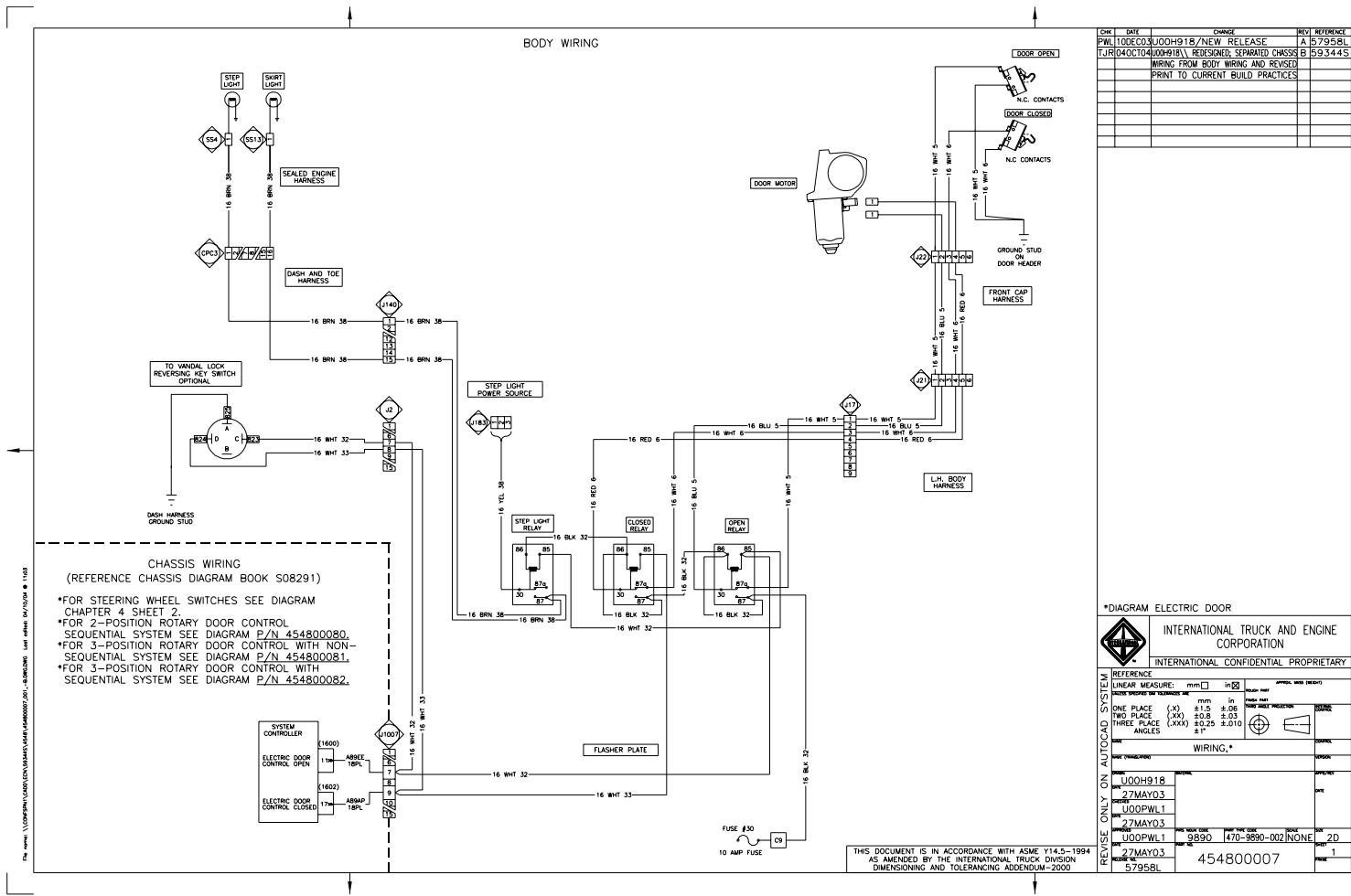


Figure 181 Electric Door with Vandal Lock

5.3. MANUAL DOOR CONTROL

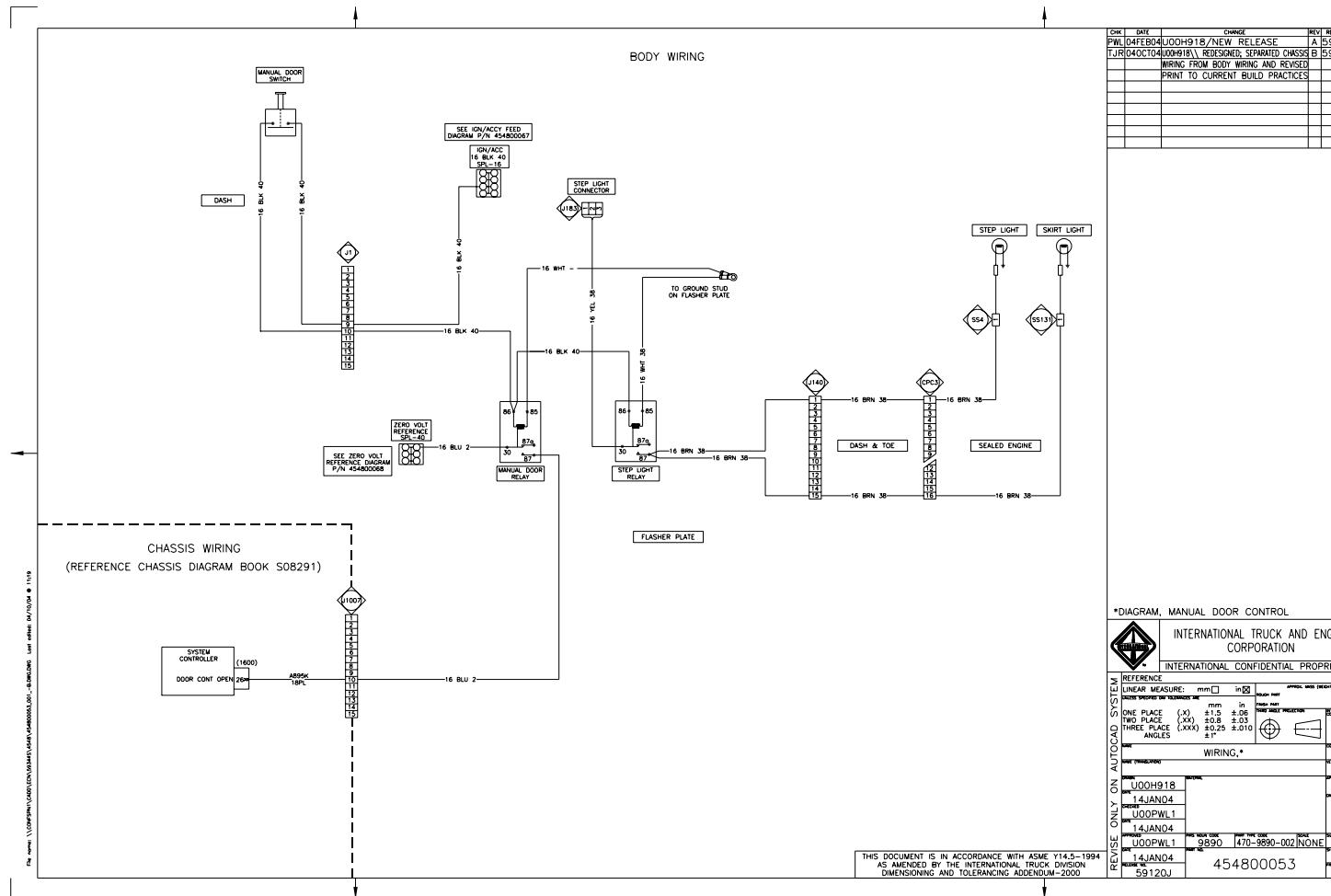


Figure 182 Manual Door Control

5.4. ELECTRIC DOOR WITH REDUNDANT DOOR CONTROL

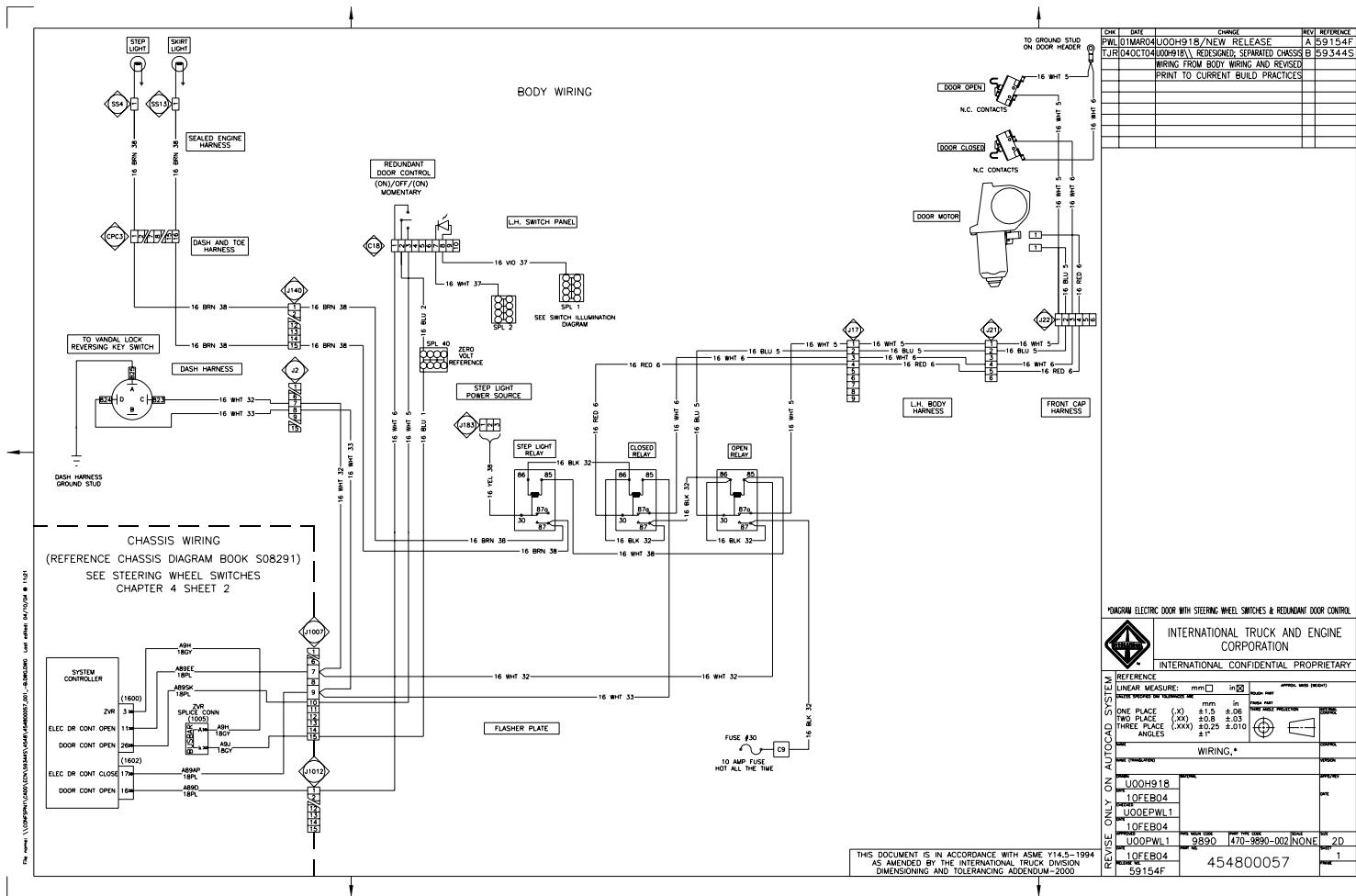


Figure 183 Electric Door with Redundant Door Control

5.5. AIR DOOR WITH DUMP VALVE WITH REDUNDANT DOOR CONTROL

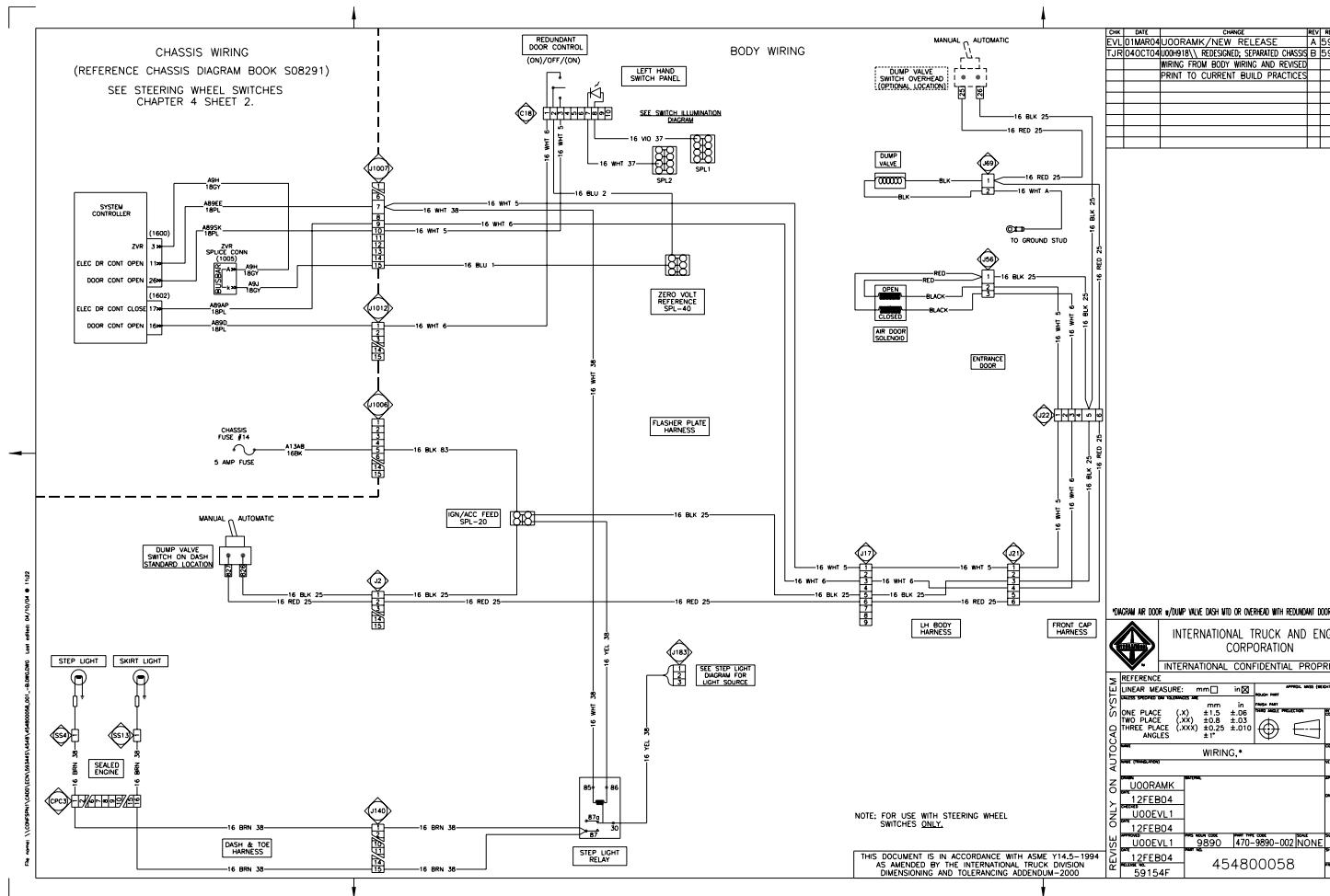


Figure 184 Air Door with Dump Valve with Redundant Door Control

5.6. LEFT ALTERNATE ENTRANCE AIR

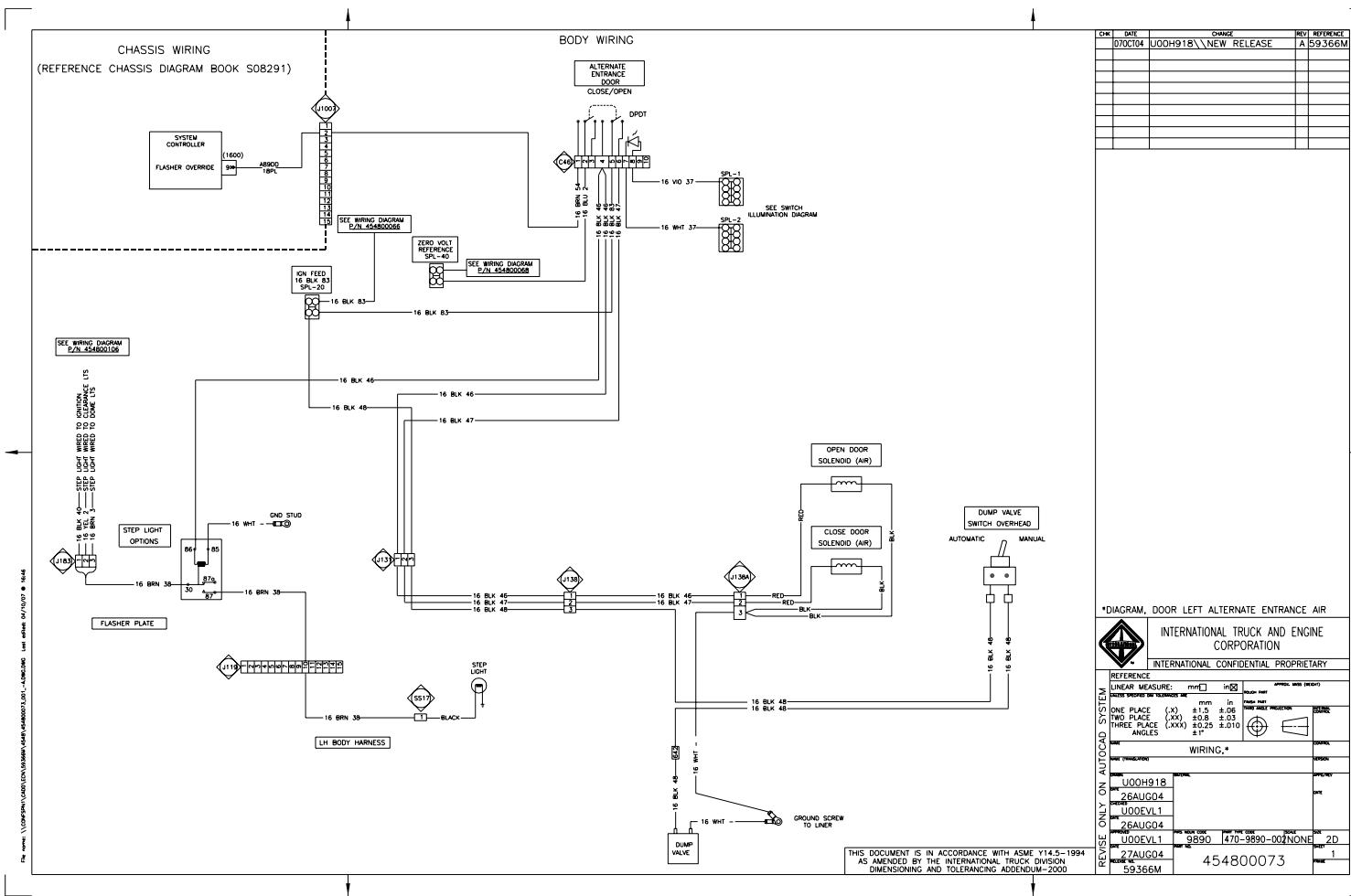


Figure 185 Left Alternate Entrance Air

5.7. VANDAL LOCK FOR AIR ENTRANCE DOOR

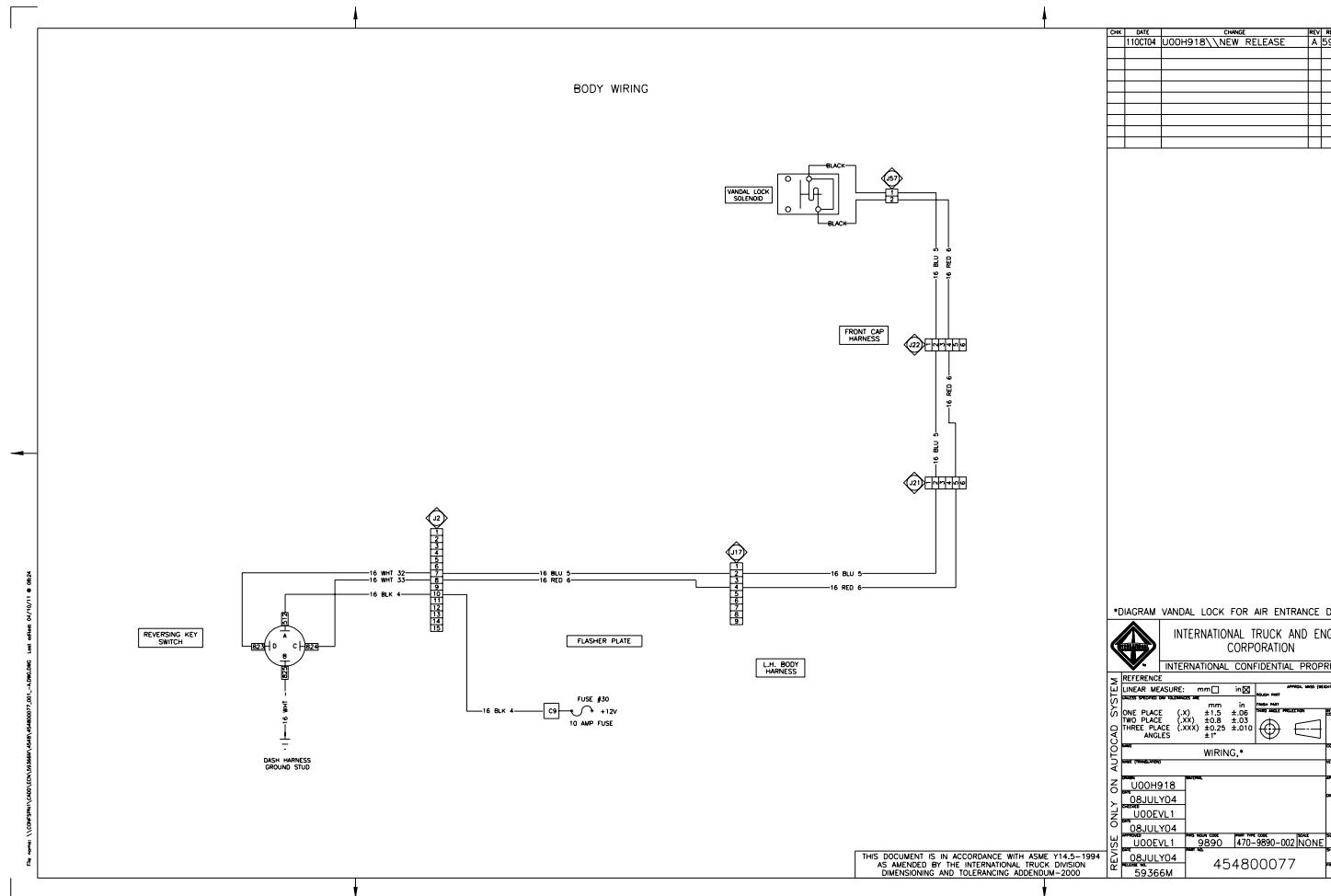
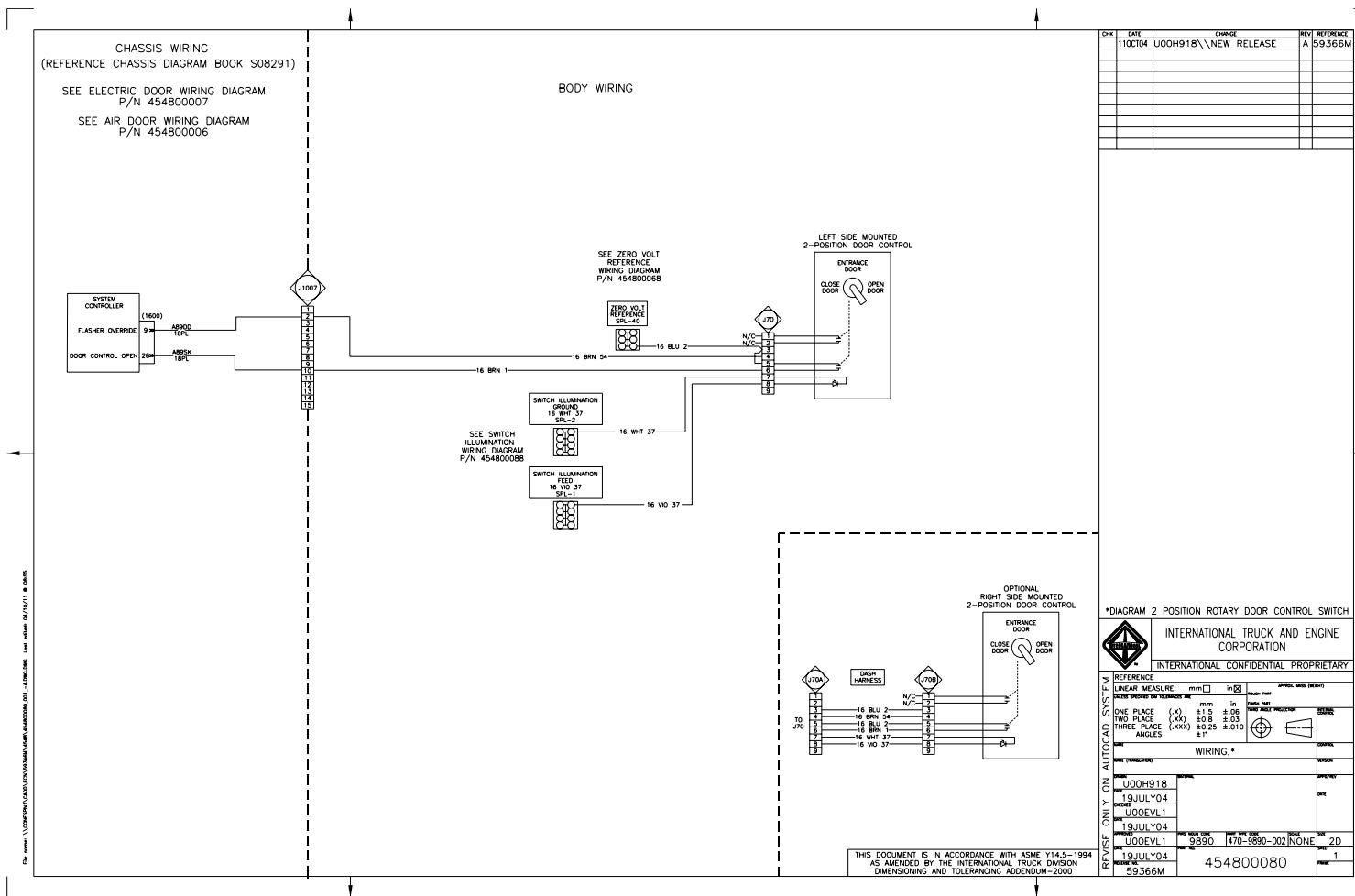


Figure 186 Vandal Lock for Air Entrance Door

5.8. 2-POSITION ROTARY DOOR CONTROL SWITCH



5.9. 3-POSITION ROTARY DOOR CONTROL SWITCH — NON SEQUENTIAL SYSTEM

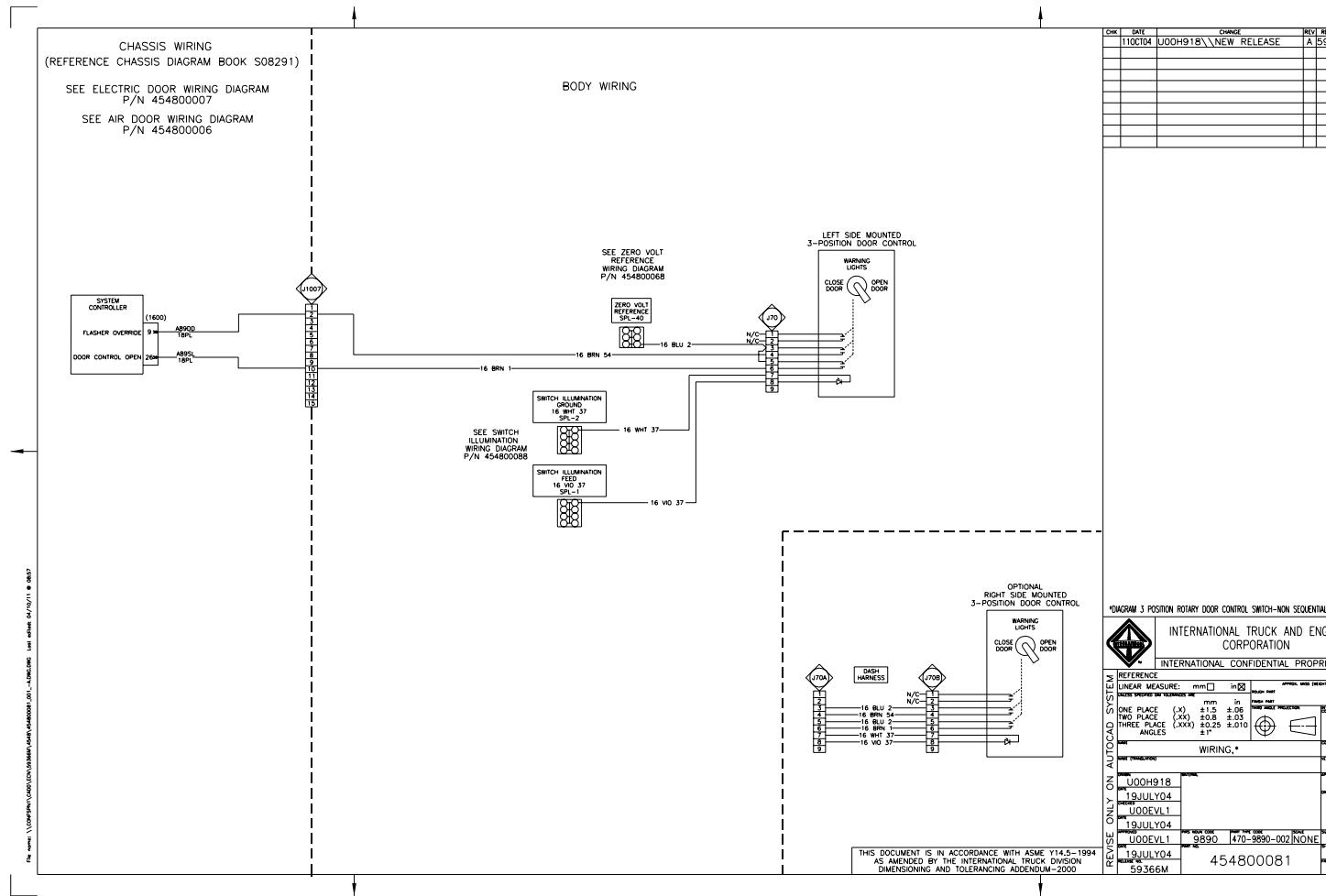


Figure 188 3-Position Rotary Door Control Switch — Non Sequential System

5.10. 3-POSITION ROTARY DOOR CONTROL SWITCH — SEQUENTIAL SYSTEM

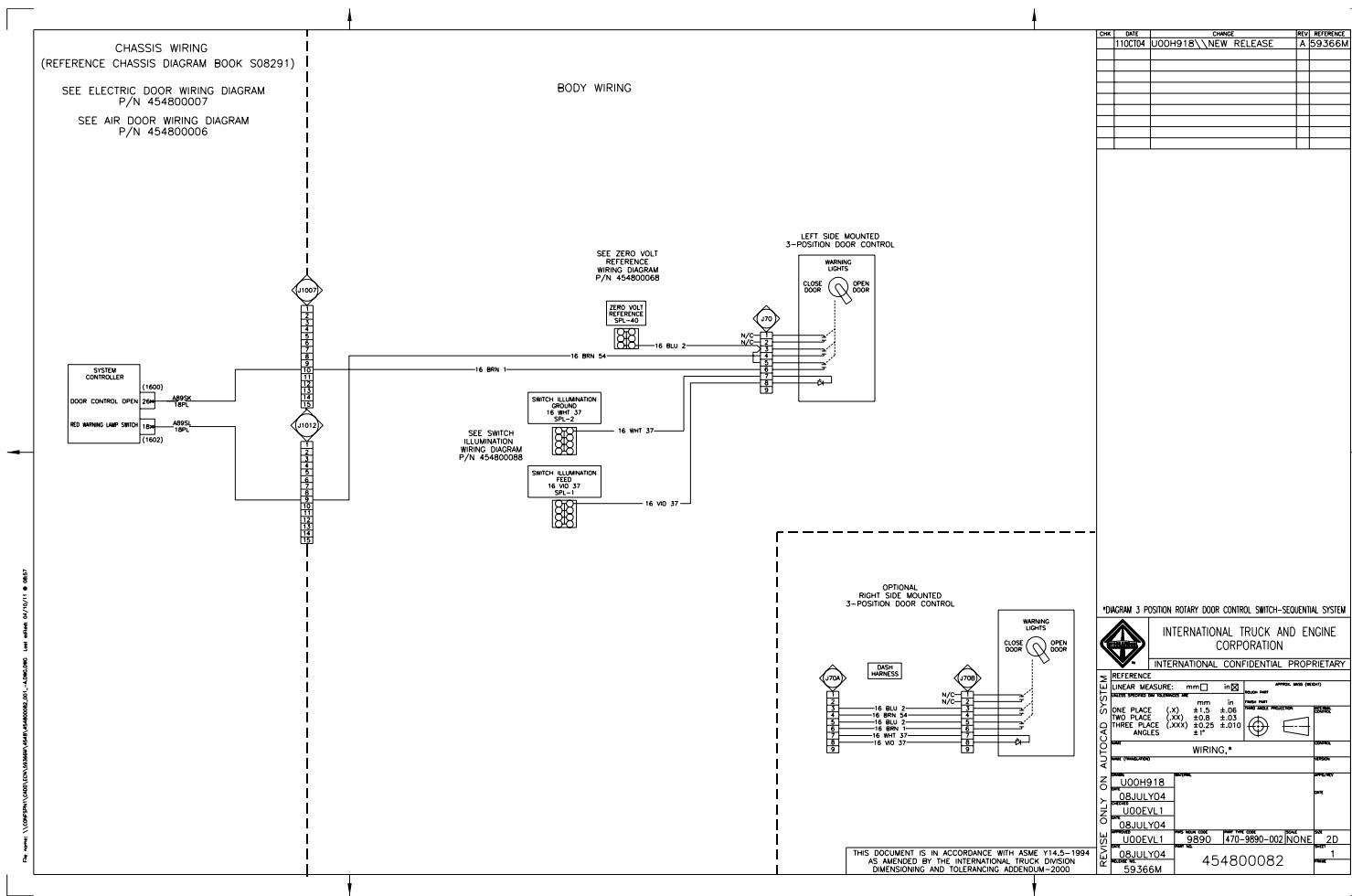


Figure 189 3-Position Rotary Door Control Switch — Sequential System

5.11. AIR DOOR WITH DUMP VALVE SWITCH OUTSIDE AND OVERHEAD

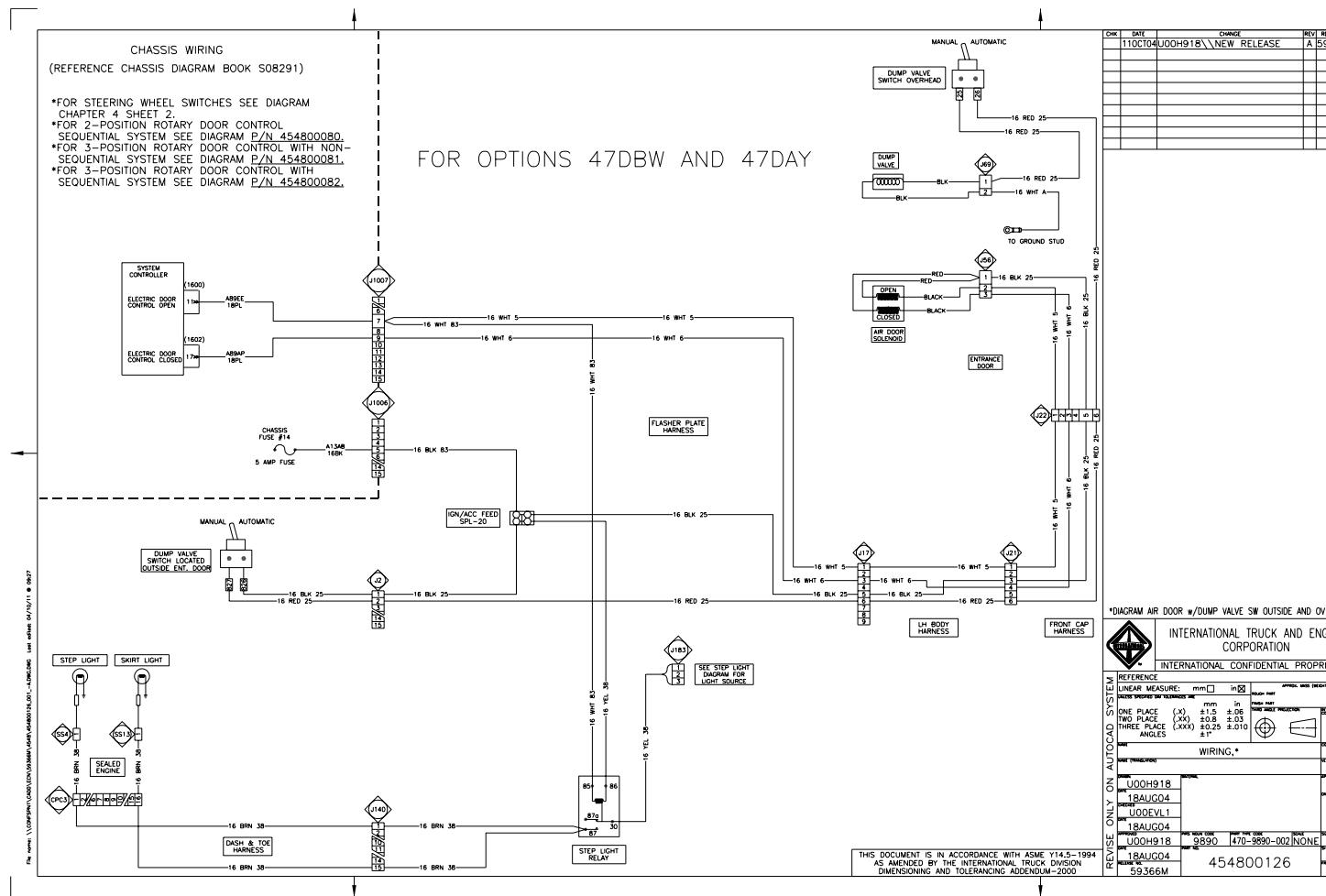


Figure 190 Air Door with Dump Valve Switch Outside and Overhead