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## Electrical Circuit Diagrams

**ProStar® and LoneStar® - Models Built June 14, 2010 and After**  
**Engine Family: MaxxForce® 11, 13, and 15L, Cummins ISX, and N13**

**Navistar, Inc.**

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## TABLE OF CONTENTS

<b>2. INSTRUCTIONS AND CHARTS (CHAPTER 2)</b> .....	<b>1</b>
2.1. ABBREVIATIONS, P. 1.....	1
2.2. ACRONYMS, P. 2.....	2
2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3.....	3
2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4.....	4
2.5. CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.), P. 5.....	5
2.6. CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.), P. 6.....	6
2.7. LAMP BULB CHART, P. 7.....	7
2.8. RELAY FUNCTION AND WIRING GUIDE, P. 8.....	8
2.9. SCHEMATIC SYMBOL CHART, P. 9.....	9
2.10. SCHEMATIC SYMBOL CHART (CONT.), P. 10.....	10
2.11. SCHEMATIC SYMBOL CHART (CONT.), P. 11.....	11
2.12. SCHEMATIC SYMBOL CHART (CONT.), P. 12.....	12
<b>3. 12 VOLT POWER DISTRIBUTION (CHAPTER 3)</b> .....	<b>13</b>
3.1. BATTERY FEED, P. 1.....	13
3.2. BATTERY FEED (CONT.), P. 1A.....	14
3.3. BATTERY FEED (CONT.), P. 2.....	15
3.4. BATTERY FEED (CONT.), P. 2A.....	16
3.5. BATTERY FEED (CONT.), P. 3.....	17
3.6. BATTERY FEED (CONT.), P. 3A.....	18
3.7. BATTERY FEED (CONT.), P. 4.....	19
3.8. BATTERY FEED (CONT.), P. 4A.....	20
3.9. IGNITION FEED – STANDARD REMOTE START / STOP, AUTO START / STOP, P. 5.....	21
3.10. IGNITION FEED – STANDARD REMOTE START / STOP, AUTO START / STOP, P. 5A.....	22
3.11. IGNITION FEED WITH 500K BAUD RATE, P. 5B.....	23
3.12. IGNITION FEED – STANDARD, P. 6.....	24
3.13. IGNITION FEED – STANDARD (CONT.), P. 6A.....	25
3.14. IGNITION FEED – STANDARD (CONT.), P. 7.....	26
3.15. IGNITION FEED – STANDARD (CONT.), P. 7A.....	27
3.16. IGNITION FEED – STANDARD (CONT.), P. 8.....	28
3.17. IGNITION FEED – STANDARD (CONT.), P. 8A.....	29
3.18. IGNITION FEED – STANDARD (CONT.), P. 8B.....	30
3.19. ACCESSORY FEED, P. 9.....	31
3.20. ACCESSORY FEED (CONT.), P. 9A.....	32
3.21. ACCESSORY FEED WITH 500K BAUD RATE, P. 9B.....	33
3.22. ACCESSORY FEED WITH 500K BAUD RATE (CONT.), P. 9C.....	34
3.23. CAB J1939 – COMPASS AND ANTILOCK BRAKING SYSTEM EFFECTS, P. 10.....	35
3.24. CAB J1939 WITH ALL OPTIONS, P. 11.....	36
3.25. J1939 DATA LINK WITH ROLLTEK SEAT WIRING, P. 11A.....	37
3.26. CAB J1939 WITH ALL OPTIONS (CONT.), P. 12.....	38
3.27. CAB J1939 WITH ALL OPTIONS (CONT.), P. 13.....	39
3.28. CAB J1939 WITH ALL OPTIONS (CONT.), P. 13A.....	40
3.29. CAB J1939 ENGINE WITH ALL OPTIONS (CONT.), P. 13B.....	41
3.30. CAB J1939 ENGINE, P. 14.....	42
3.31. CAB J1939 ENGINE – ISX, P. 14A.....	43
3.32. J1939 CHASSIS, P. 15.....	44
3.33. J1939 CHASSIS (CONT.), P. 15A.....	45
3.34. J1939 CHASSIS (CONT.), P. 15B.....	46
3.35. J1939 CHASSIS (CONT.), P. 15C.....	47
3.36. J1939 CHASSIS (CONT.), P. 15D.....	48

**TABLE OF CONTENTS (CONT.)**

3.37.	J1939 WITH SLEEPER, P. 16.....	49
3.38.	J1939 WITH SLEEPER (CONT.), P. 16A.....	50
3.39.	J1708 PRIVATE, P. 17.....	51
3.40.	J1708 PUBLIC, P. 18.....	52
3.41.	J1708 PUBLIC (CONT.), P. 19.....	53
3.42.	J1708 PUBLIC (CONT.), P. 20.....	54
3.43.	GROUND – CAB, P. 21.....	55
3.44.	GROUND – CAB (CONT.), P. 22.....	56
3.45.	GROUND – CAB (CONT.), P. 23.....	57
3.46.	GROUND – CAB (CONT.), P. 24.....	58
3.47.	GROUND – CAB (CONT.), P. 25.....	59
3.48.	GROUND – CAB (CONT.), P. 26.....	60
3.49.	GROUND – CHASSIS, P. 27.....	61
3.50.	GROUND – SLEEPER, P. 28.....	62
3.51.	GROUND – SLEEPER (CONT.), P. 29.....	63
3.52.	GROUND – SLEEPER (CONT.), P. 30.....	64
3.53.	GROUND ADAPTER – IBB ENGINE, P. 31.....	65
3.54.	GROUND ADAPTER – IBB ENGINE (CONT.), P. 32.....	66
3.55.	GROUND ADAPTER, P. 33.....	67
3.56.	BATTERY FEED, SINGLE, P. 34.....	68
3.57.	BATTERY FEED, SINGLE (CONT.), P. 34A.....	69
3.58.	BATTERY FEED, SINGLE (CONT.), P. 35.....	70
3.59.	BATTERY FEED, SINGLE (CONT.), P. 35A.....	71
3.60.	GROUND ADAPTER - ISX ENGINE, P. 36.....	72
3.61.	GROUND ADAPTER - ISX ENGINE (CONT.), P. 37.....	73
3.62.	ENGINE GROUND FOR 2010 SCR 13L ENGINE, P. 38.....	74
3.63.	ALTERNATOR POWER AND GROUND (2010 SCR 13L ENGINE), P. 39.....	75
3.64.	J1939 TERMINATOR (2010 SCR 13L ENGINE), P. 40.....	76
3.65.	CAB J1939 DATA LINK (2010 SCR 13L ENG), P. 41.....	77
3.66.	GROUND – IP WITH RUSSIAN PROSTAR, P. 42.....	78
3.67.	CAB J1939, P. 43.....	79
3.68.	CAB J1939 500K WIRING, P. 44.....	80
3.69.	CAB J1939 500K WIRING (CONT.), P. 45.....	81
3.70.	CAB J1939 500K WIRING (CONT.), P. 46.....	82
3.71.	CAB J1939 500K WIRING (CONT.), P. 47.....	83
3.72.	CAB J1939 500K WIRING (CONT.), P. 48.....	84
3.73.	CAB J1939 500K WIRING (CONT.), P. 49.....	85
3.74.	CAB J1939 500K WIRING (CONT.), P. 50.....	86
3.75.	CAB J1939 500K WIRING (CONT.), P. 51.....	87
3.76.	CAB J1939 500K WIRING (CONT.), P. 52.....	88
3.77.	CAB J1939 250K WIRING, P. 53.....	89
3.78.	CAB J1939 250K WIRING (CONT.), P. 54.....	90
3.79.	CAB J1939 250K WIRING (CONT.), P. 55.....	91
3.80.	CAB J1939 250K WIRING (CONT.), P. 56.....	92
3.81.	CAB J1939 250K WIRING (CONT.), P. 57.....	93
3.82.	CAB J1939 250K WIRING (CONT.), P. 58.....	94
<b>4.</b>	<b>CAB ACCESSORIES (CHAPTER 4).....</b>	<b>95</b>
4.1.	CB POWER RADIO, P. 1.....	95
4.2.	CIGAR LIGHTER, TEMPERATURE DISPLAY AND AUX POWER, P. 2.....	96
4.3.	ELECTRIC WINDOWS AND DOOR LOCKS, P. 3.....	97



**TABLE OF CONTENTS (CONT.)**

4.4.	ELECTRIC HORN, P. 4.....	98
4.5.	AIR HORN, P. 4A.....	99
4.6.	MIRRORS HEATED AND LIGHTED, P. 5.....	100
4.7.	MIRRORS HEATED AND LIGHTED (CONT.), P. 6.....	101
4.8.	HEATED MIRROR HOOD MOUNTED – ISX ENGINE, P. 6A.....	102
4.9.	INTENTIONALLY LEFT BLANK, P. 7.....	103
4.10.	SATELLITE COMMUNICATION SYSTEM – QUALCOMM TERRESTRIAL MOBILE COMMUNICATIONS TERMINAL DAYCAB, P. 8.....	104
4.11.	SATELLITE COMMUNICATION SYSTEM – QUALCOMM TERRESTRIAL MOBILE COMMUNICATIONS TERMINAL DAYCAB (CONT.), P. 9.....	105
4.12.	SATELLITE COMMUNICATION SYSTEM – QUALCOMM TERRESTRIAL MOBILE COMMUNICATIONS TERMINAL SLEEPER, P. 10.....	106
4.13.	SATELLITE COMMUNICATION SYSTEM – QUALCOMM TERRESTRIAL MOBILE COMMUNICATIONS TERMINAL SLEEPER (CONT.), P. 11.....	107
4.14.	SATELLITE COMMUNICATION SYSTEM – QUALCOMM INTEGRATED MOBILE COMMUNICATIONS TERMINAL, P. 12.....	108
4.15.	SATELLITE COMMUNICATION SYSTEM – QUALCOMM INTEGRATED MOBILE COMMUNICATIONS TERMINAL (CONT.), P. 13.....	109
4.16.	SATELLITE COMMUNICATION SYSTEM – QUALCOMM INTEGRATED MOBILE COMMUNICATIONS TERMINAL (CONT.), P. 13A.....	110
4.17.	QUALCOMM INTEGRATED MOBILE COMMUNICATIONS TERMINAL – SLEEPER, P. 14... ..	111
4.18.	COMMUNICATIONS SYSTEM, WIRING, P. 14A.....	112
4.19.	COMMUNICATIONS SYSTEM, WIRING (CONT.) , P. 14B.....	113
4.20.	COMMUNICATIONS SYSTEM, WIRING (CONT.), P. 14C.....	114
4.21.	PANIC BUTTON, P. 15.....	115
4.22.	SATELLITE COMMUNICATION SYSTEM – XATA WITH DAYCAB, P. 16.....	116
4.23.	SATELLITE COMMUNICATION SYSTEM – XATA WITH SLEEPER, P. 17.....	117
4.24.	RADIO ENTERTAINMENT, SPEAKERS, P. 18.....	118
4.25.	RADIO ENTERTAINMENT, SPEAKERS (CONT.), P. 19.....	119
4.26.	RADIO ENTERTAINMENT, SPEAKERS (CONT.), P. 19A.....	120
4.27.	RADIO ENTERTAINMENT, SPEAKERS (CONT.), P. 19B.....	121
4.28.	SWITCH PACK, P. 20.....	122
4.29.	WINDSHIELD WIPER MOTOR, P. 21.....	123
4.30.	WINDSHIELD WIPER MOTOR (CONT.), P. 21A.....	124
4.31.	WINDSHIELD WASHER PUMP, P. 22.....	125
4.32.	WINDSHIELD WASHER PUMP (CONT.), P. 22A.....	126
4.33.	DRIVER DISPLAY – VEHICLE INFORMATION, P. 23.....	127
4.34.	BEACON LIGHT SWITCH – FOR DUAL CUSTOMER ACCESSORY, P. 24.....	128
4.35.	BEACON LIGHT SWITCH – FOR DUAL CUSTOMER ACCESSORY (CONT.), P. 24A.....	129
4.36.	DOOR SWITCHES – DOME LAMP, P. 25.....	130
4.37.	SPARE SWITCH – FOR SINGLE CUSTOMER ACCESSORY, P. 26.....	131
4.38.	SPARE SWITCH – FOR SINGLE CUSTOMER ACCESSORY (CONT.), P. 26A.....	132
4.39.	SPARE SWITCH – FOR DUAL CUSTOMER ACCESSORY, P. 27.....	133
4.40.	SPARE SWITCH – FOR DUAL CUSTOMER ACCESSORY (CONT.), P. 27A.....	134
4.41.	EATON VORAD VS-400, P. 28.....	135
4.42.	EATON VORAD EVT 300, P. 28A.....	136
4.43.	BENDIX WINGMAN, P. 28B.....	137
4.44.	WABCO ONGUARD WARNING SYSTEM, P. 28C.....	138
4.45.	WABCO ONGUARD WARNING SYSTEM (CONT.), P. 28D.....	139
4.46.	BENDIX WINGMAN (CONT.), P. 28E.....	140
4.47.	QUALCOMM OMNIVISION, P. 29.....	141

## TABLE OF CONTENTS (CONT.)

4.48. QUALCOMM OMNIVISION (CONT.), P. 30.....	142
4.49. SATELLITE COMMUNICATION SYSTEM – PEOPLENET SLEEPER (0008RHA), P. 30A.....	143
4.50. SATELLITE COMMUNICATION – PEOPLENET DAYCAB (0008RHA), P. 30B.....	144
4.51. GATEWAY MODULE SLEEPER / DAYCAB (0008RHA), P. 30C.....	145
4.52. SATELLITE COMMUNICATION – PEOPLENET SLEEPER WITH VIDEO ADAPTER (0008RLK / RLG), P. 30D.....	146
4.53. SATELLITE COMMUNICATION – PEOPLENET DAY CAB WITH VIDEO ADAPTER (0008RLK / RLG), P. 30E.....	147
4.54. SLEEPER / DAYCAB VIDEO INPUT MODULE WIRING, P. 30F.....	148
4.55. PEOPLENET WITH J1708 WITH 6CH ABS, P. 30G.....	149
4.56. MOTIENT MOBILE MAX, P. 31.....	150
4.57. REMOTE RADIO, P. 32.....	151
4.58. REMOTE RADIO (CONT.), P. 33.....	152
4.59. SART CLOCK MODULE, P. 34.....	153
4.60. LANE DEPARTURE SYSTEM – TAKATA, P. 35.....	154
4.61. CLOCK SPRING, P. 36.....	155
4.62. TRANSLATOR MODULE, P. 37.....	156
4.63. POWER DISPLAY, P. 38.....	157
4.64. POWER DISPLAY (CONT.), P. 39.....	158
4.65. PREWIRE MOBILEYE, P. 40.....	159
4.66. INTENTIONALLY LEFT BLANK, P. 41.....	160
4.67. INTENTIONALLY LEFT BLANK, P. 42.....	161
4.68. DRIVER DISPLAY – VEHICLE INFORMATION, P. 43.....	162
4.69. INTENTIONALLY LEFT BLANK, P. 44.....	163
4.70. ROOF / TACHOGRAPH WITH RUSSIAN PROSTAR, P. 45.....	164
4.71. 4-WIRE CLOCK SPRING MODULE, P. 46.....	165
4.72. SDP CONN (BENDIX FUSION), P. 47.....	166
4.73. DRIVER SEAT POWER (BENDIX FUSION), P. 48.....	167
4.74. NEXT GEN CRUISE CONTROL, P. 49.....	168
4.75. INTENTIONALLY LEFT BLANK, P. 50.....	169
4.76. QUALCOMM MCT WITH DAY CAB AND CADEC GPS POWER CONNECTION, P. 51.....	170
4.77. RADIO WIRING AND DRIVER DISPLAY WITH WIRED REMOTE WITH AMPLIFIER, P. 52...	171
4.78. REMOTE POWER MODULE IN CAB, P. 53.....	172
4.79. ROLLTEK SEAT WIRING, P. 54.....	173
<b>5. CHARGING AND CRANKING SYSTEM (CHAPTER 5).....</b>	<b>174</b>
5.1. CHARGING AND CRANKING – MANUAL TRANSMISSION, P. 1.....	174
5.2. CHARGING AND CRANKING – AUTOMATIC TRANSMISSION, P. 2.....	175
5.3. CHARGING AND CRANKING – MANUAL TRANSMISSION WITH 500K BAUD RATE, P. 3...	176
5.4. CHARGING AND CRANKING – AUTOMATIC TRANSMISSION WITH 500K BAUD RATE, P. 4.....	177
<b>6. FAN WIRING (CHAPTER 6).....</b>	<b>178</b>
6.1. FAN WIRING – IBB ENGINE AND 2010 SCR 13L ENGINE, P. 1.....	178
6.2. FAN AND ETHER START WITH ISX (2013), P. 1A.....	179
6.3. STARTING AID – COLD START ASSIST (IBB AND 2010 SCR 13L ENGINE), P. 2.....	180
6.4. FAN WIRING IBB & 2010 SCR 13L ENGINE, P. 2A.....	181
6.5. FAN AND ETHER START WITH 2013 INTL IBB ENGINE, P. 3.....	182
<b>7. ENGINES (CHAPTER 7).....</b>	<b>183</b>
7.1. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE), P. 1.....	183

## TABLE OF CONTENTS (CONT.)

7.2.	ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 2.....	184
7.3.	ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 3.....	185
7.4.	ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 4.....	186
7.5.	ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 5.....	187
7.6.	ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 6.....	188
7.7.	ELECTRONIC ENGINE CONTROLS – MAXXFORCE 15 LITRE, P. 6A.....	189
7.8.	ELECTRONIC ENGINE CONTROLS – MAXXFORCE 15 LITRE (CONT.), P. 6B.....	190
7.9.	ELECTRONIC ENGINE CONTROLS – MAXXFORCE 15 LITRE (CONT.), P. 6C.....	191
7.10.	ELECTRONIC ENGINE CONTROLS – MAXXFORCE 15 LITRE (CONT.), P. 6D.....	192
7.11.	ELECTRONIC ENGINE CONTROLS – MAXXFORCE 15 LITRE (CONT.), P. 6E.....	193
7.12.	REMOTE START / STOP, P. 7.....	194
7.13.	REMOTE START / STOP (CONT.), P. 7A.....	195
7.14.	REMOTE START / STOP (CONT.), P. 8.....	196
7.15.	REMOTE START / STOP (CONT.), P. 8A.....	197
7.16.	REMOTE START / STOP WITH 500K BAUD RATE, P. 8B.....	198
7.17.	NO IDLE HEAT, P. 9.....	199
7.18.	TRI-PAC NO IDLE, P. 10.....	200
7.19.	IDLE CONTROL TEMP SENSOR, P. 11.....	201
7.20.	AUTO START / STOP, P. 12.....	202
7.21.	AUTO START / STOP (CONT.), P. 12A.....	203
7.22.	AUTO START / STOP (CONT.), P. 13.....	204
7.23.	AUTO START / STOP (CONT.), P. 14.....	205
7.24.	AUTO START / STOP (CONT.), P. 15.....	206
7.25.	ELECTRONICS ENGINE CONTROL (ISX 2013), P. 16.....	207
7.26.	ELECTRONICS ENGINE CONTROL (ISX 2013) (CONT.), P. 17.....	208
7.27.	ISX 2013 DEF & AFTERTREATMENT, P. 18.....	209
7.28.	ISX 2013 DEF & AFTERTREATMENT (CONT.), P. 19.....	210
7.29.	ISX 2013 DEF & AFTERTREATMENT (CONT.), P. 20.....	211
7.30.	ISX 2013 DEF & AFTERTREATMENT (CONT.), P. 21.....	212
7.31.	ISX 2013 DEF & AFTERTREATMENT (CONT.), P. 22.....	213
7.32.	ISX 2013 DEF & AFTERTREATMENT (CONT.), P. 23.....	214
7.33.	ACCELERATOR PEDAL MODULE (ISX 2013), P. 24.....	215
7.34.	ELECTRONIC ENGINE CONTROLS (2010 SCR 13L ENGINE), P. 25.....	216
7.35.	ELECTRONIC ENGINE CONTROLS (2010 SCR 13L ENGINE) (CONT.), P. 26.....	217
7.36.	ELECTRONIC ENGINE CONTROLS (2010 SCR 13L ENGINE) (CONT.), P. 27.....	218
7.37.	ELECTRONIC ENGINE CONTROLS (2010 SCR 13L ENGINE) (CONT.), P. 28.....	219
7.38.	ELECTRONIC ENGINE CONTROLS (2010 SCR 13L ENGINE) (CONT.), P. 29.....	220
7.39.	ELECTRONIC ENGINE CONTROLS (2010 SCR 13L ENGINE) (CONT.), P. 30.....	221
7.40.	DEF AND AFTERTREATMENT (2010 SCR 13L ENG), P. 31.....	222
7.41.	DEF AND AFTERTREATMENT (2010 SCR 13L ENG) (CONT.), P. 32.....	223
7.42.	DEF AND AFTERTREATMENT (2010 SCR 13L ENG) (CONT.), P. 33.....	224
7.43.	DEF AND AFTERTREATMENT (2010 SCR 13L ENG) (CONT.), P. 34.....	225
7.44.	DEF AND AFTERTREATMENT (2010 SCR 13L ENG) (CONT.), P. 34A.....	226
7.45.	CAB J1939 DATA LINK (2010 SCR 13L ENG), P. 35.....	227
7.46.	INTENTIONALLY LEFT BLANK P. 36.....	228
7.47.	INTENTIONALLY LEFT BLANK, P. 37.....	229
7.48.	INTENTIONALLY LEFT BLANK, P. 38.....	230
7.49.	INTENTIONALLY LEFT BLANK, P. 39.....	231
7.50.	INTENTIONALLY LEFT BLANK, P. 40.....	232
7.51.	ELECTRONIC ENGINE CONTROLS WITH F-2013 ISX ENGINE, P. 41.....	233
7.52.	ELECTRONIC ENGINE CONTROLS WITH F-2013 ISX ENGINE (CONT.), P. 42.....	234

## TABLE OF CONTENTS (CONT.)

7.53. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE, P. 43.....	235
7.54. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE (CONT.), P. 44.....	236
7.55. INTENTIONALLY LEFT BLANK, P. 45.....	237
7.56. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE, P. 46.....	238
7.57. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE (CONT.), P. 46A.....	239
7.58. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE (CONT.), P. 47.....	240
7.59. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE (CONT.), P. 48.....	241
7.60. ACCELERATOR PEDAL MODULE F-2013 ISX ENGINE, P. 49.....	242
7.61. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE, P. 50.....	243
7.62. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE (CONT.), P. 51.....	244
<b>8. GAUGES AND WARNING LIGHTS (CHAPTER 8).....</b>	<b>245</b>
8.1. AIR PRESSURE INPUT CIRCUIT AND AIR RESTRICTION GAUGE, P. 1.....	245
8.2. AXLE TEMPERATURE GAUGES, P. 2.....	246
8.3. ENGINE OIL PRESSURE AND TEMPERATURE, SPEEDOMETER, TACHOMETER, VOLTMETER AND WATER TEMPERATURE GAUGES, P. 3.....	247
8.4. ENGINE OIL AND TRANSMISSION OIL TEMPERATURE GAUGE, P. 4.....	248
8.5. FUEL HEATER, P. 5.....	249
8.6. FUEL HEATER (CONT.), P. 5A.....	250
8.7. DIFFERENTIAL LOCK AND OPTIONAL INDICATOR, P. 6.....	251
8.8. DIFFERENTIAL LOCK AND OPTIONAL INDICATOR (CONT.), P. 7.....	252
8.9. DIFFERENTIAL LOCK AND OPTIONAL INDICATOR (CONT.), P. 8.....	253
8.10. IP / GAUGES, P. 9.....	254
8.11. IP / GAUGES AND WARNING LIGHTS – GAUGE CLUSTER, P. 10.....	255
8.12. SECONDARY INSTRUMENT CLUSTER, P. 11.....	256
8.13. PARKING WARNING LIGHT, P. 12.....	257
8.14. WARNING LIGHTS, P. 13.....	258
8.15. IP TEXT MESSAGES AND WARNING LIGHTS – CONTROLLED BY ENGINE, TRANSMISSION AND ANTILOCK BRAKING SYSTEM CONTROLLER, P. 14.....	259
<b>9. LIGHTING SYSTEM (CHAPTER 9).....</b>	<b>260</b>
9.1. LIGHTS – STOP, TAIL, TURN AND BACK-UP NOT WITH FREEDOMLINE, P. 1.....	260
9.2. LIGHTS – STOP, TAIL, TURN AND BACK-UP WITH FREEDOMLINE, P. 2.....	261
9.3. LIGHTS – STOP, TAIL, TURN AND BACK-UP (6 X 4), P. 2A.....	262
9.4. LIGHTS – STOP, TAIL, TURN AND BACK-UP (4 X 2), P. 2B.....	263
9.5. STOP, TAIL, TURN AND BACK-UP WITH FREEDOMLINE LIGHTS, P. 2C.....	264
9.6. DOME / MAP AND COURTESY LIGHTS – DAY CAB, P. 3.....	265
9.7. DOME / MAP (BENDIX FUSION), P. 3A.....	266
9.8. DOME / MAP AND COURTESY LIGHTS – SLEEPER, P. 4.....	267
9.9. FOG LIGHTS AND SPOT LIGHT, P. 5.....	268
9.10. HEADLIGHTS, P. 6.....	269
9.11. HEADLIGHTS (CONT.), P. 6A.....	270
9.12. TRIPMASTER, P. 7.....	271
9.13. TRIPMASTER (CONT.), P. 7A.....	272
9.14. TURN AND STOP SWITCH, P. 8.....	273
9.15. LIGHT SYSTEM – PARK, MARKER, CLEARANCE, ID, TURN, STOP, TAIL, P. 9.....	274
9.16. ECE TAIL LIGHTS, P. 9A.....	275
9.17. BODY BUILDER AND ECE TAIL LIGHT CONNECTION, P. 9B.....	276
9.18. LIGHT SYSTEM – PARK, MARKER, FRONT – TURN AND MODESTY PANEL LIGHT, P. 10.....	277

**TABLE OF CONTENTS (CONT.)**

9.19. LIGHT SYSTEM – PARK, MARKER, FRONT – TURN AND MODESTY PANEL LIGHT, P. 10A.....	278
9.20. LIGHT SYSTEM – CLEARANCE, ID, P. 11.....	279
9.21. LIGHT SYSTEM – SKIRT LIGHT, P. 12.....	280
9.22. LIGHT SYSTEM – SKIRT LIGHT (CONT.), P. 12A.....	281
9.23. TRAILER LIGHT SYSTEM – MARKER, STOP, TAIL, TURN, P. 13.....	282
9.24. TRAILER LIGHT SYSTEM – MARKER, STOP, TAIL, TURN (CONT.), P. 13A.....	283
9.25. TRAILER SOCKET – BACK OF CAB, P. 14.....	284
9.26. TRAILER SOCKET – BACK OF CAB AND END OF FRAME, P. 15.....	285
9.27. TRAILER SOCKET WITH RUSSIAN PROSTAR, P. 15A.....	286
9.28. TRAILER SOCKET WITH RUSSIAN PROSTAR (CONT.), P. 15B.....	287
9.29. TRAILER SOCKET – AUXILIARY, P. 16.....	288
9.30. TRAILER SOCKET – AUXILIARY WITH RUSSIAN PROSTAR, P. 16A.....	289
9.31. AUXILIARY TRAILER SOCKET WITH 500K BAUD RATE, P. 16B.....	290
9.32. FLOOR LIGHT, P. 17.....	291
9.33. CRESCENT LIGHT LONESTAR, P. 17A.....	292
9.34. CRESCENT LIGHT LONESTAR (CONT.), P. 17B.....	293
9.35. FLOOR LIGHT, P. 17C.....	294
9.36. DOME AND ACCENT LIGHT – SLEEPER, P. 18.....	295
9.37. DOME AND ACCENT LIGHT – SLEEPER LONESTAR, P. 18A.....	296
9.38. DOME AND ACCENT LIGHT – SLEEPER (CONT.), P. 19.....	297
9.39. LIGHTED AIR SHIELD, P. 20.....	298
9.40. PANEL LIGHTS, P. 21.....	299
9.41. WORK LIGHTS – DAY CAB, P. 22.....	300
9.42. WORK LIGHTS – DAY CAB (CONT.), P. 22A.....	301
9.43. WORK LIGHTS – SLEEPER CAB, P. 23.....	302
9.44. WORK LIGHTS – SLEEPER CAB (CONT.), P. 23A.....	303
9.45. DOME AND ACCENT LIGHT – SLEEPER, P. 24.....	304
9.46. BEACON LIGHT LONESTAR, P. 25.....	305
9.47. DFM WITH RUSSIAN PROSTAR, P. 26.....	306
9.48. DFM WITH RUSSIAN PROSTAR (CONT.), P. 27.....	307
9.49. DFM WITH RUSSIAN PROSTAR (CONT.), P. 28.....	308
9.50. LOW BEAM FEEDBACK WITH RUSSIAN PROSTAR, P. 29.....	309
9.51. MARKER LIGHT WITH DFM WITH RUSSIAN PROSTAR, P. 30.....	310
9.52. HEADLIGHTS, P. 31.....	311
9.53. FOG LIGHT LONESTAR SE, P. 32.....	312
9.54. LIGHTS – STOP, TAIL, TURN AND BACK-UP (6 X 4), P. 33.....	313
9.55. LIGHTS – STOP, TAIL, TURN AND BACK-UP (6 X 4) (CONT.), P. 34.....	314
9.56. LIGHTS – STOP, TAIL, TURN AND BACK-UP (4 X 2), P. 35.....	315
9.57. TURN SIGNAL WITH SCR WITH BENDIX LANE DEPART, P. 36.....	316
9.58. TURN SIGNAL WITH SCR WITH BENDIX LANE DEPART (CONT.), P. 36A.....	317
9.59. MARKER AND MODESTY LIGHTS, P. 37.....	318
9.60. BEACON LIGHT PROSTAR, P. 38.....	319
9.61. MAP / READING LIGHT (BENDIX FUSION), P. 39.....	320
9.62. BENDIX DEPART (SMART CRUISE WITH BENDIX FUSION) , P. 40.....	321
<b>10. CHASSIS ACCESSORIES (CHAPTER 10).....</b>	<b>322</b>
10.1. TIRE PRESSURE MONITOR / ANTENNA, P. 1.....	322
10.2. AIR DRYER, P. 2.....	323
10.3. DUAL AIR DRYER AND DRAIN VALVES, P. 2A.....	324
10.4. AIR SOLENOID PACK – 4 WAY, P. 3.....	325

**TABLE OF CONTENTS (CONT.)**

10.5. AIR SOLENOID PACK – 4 WAY (CONT.), P. 4.....	326
10.6. AIR SUSPENSION WITH LOAD INDICATOR, P. 5.....	327
10.7. BATTERY FEED – TRAILER AUXILIARY, P. 6.....	328
10.8. BATTERY FEED – TRAILER AUXILIARY (CONT.), P. 6A.....	329
10.9. ANTILOCK BRAKE SYSTEM WITH BENDIX, P. 7.....	330
10.10. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 8.....	331
10.11. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 9.....	332
10.12. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 10.....	333
10.13. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 10A.....	334
10.14. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 11.....	335
10.15. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 12.....	336
10.16. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 12A.....	337
10.17. ANTILOCK BRAKE SYSTEM WITH WABCO, P. 12B.....	338
10.18. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 13.....	339
10.19. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 13A.....	340
10.20. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 13B.....	341
10.21. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 14.....	342
10.22. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 15.....	343
10.23. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 15A.....	344
10.24. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 16.....	345
10.25. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 16A.....	346
10.26. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 16B.....	347
10.27. POWER TAKE OFF, P. 17.....	348
10.28. VEHICLE SENSOR MODULE, P. 18.....	349
10.29. VEHICLE SENSOR MODULE (CONT.), P. 19.....	350
10.30. BRAKE SENSOR – WEAR / STROKE, P. 20.....	351
10.31. BRAKE SENSOR – WEAR / STROKE (CONT.), P. 21.....	352
10.32. BODY BUILDER, P. 22.....	353
10.33. LIFT GATE POWER FEED, P. 22A.....	354
10.34. CUMMINS ICON, P. 23.....	355
10.35. POWER TAKE-OFF CONNECTION, P. 24.....	356
10.36. CUSTOMER SUPPLIED LIGHTS, P. 25.....	357
10.37. SMARTIRE TPMS RECEIVER, P. 26.....	358
10.38. FUEL SENDER WITH ISX ENGINE, P. 27.....	359
10.39. 5TH WHEEL JAW MONITOR, P. 28.....	360
10.40. THE PRESSURE MONITORING, P. 29.....	361
10.41. AUXILIARY TRAILER SOCKET, P. 30.....	362
10.42. AUXILIARY TRAILER SOCKET (CONT.), P. 31.....	363
<b>11. TRANSMISSION CONTROL MODULE (CHAPTER 11).....</b>	<b>364</b>
11.1. EATON AUTOSHIFT AND ULTRASHIFT TRANSMISSION, P. 1.....	364
11.2. EURO IV EATON ULTRASHIFT TRANSMISSION, P. 1A.....	365
11.3. ULTRASHIFT AND EATON AUTOSHIFT TRANSMISSION, P. 1B.....	366
11.4. EATON ULTRASHIFT WITH EURO IV, P. 1C.....	367
11.5. EATON AUTOSHIFT AND ULTRASHIFT TRANSMISSION (CONT.), P. 2.....	368
11.6. COLUMN SHIFTER, P. 3.....	369
11.7. COLUMN SHIFTER (CONT.), P. 3A.....	370
11.8. ULTRASHIFT TRANSMISSION ECA POWER FOR ISX 2013 AND ISX EURO IV, P. 4.....	371
11.9. ALLISON TRANSMISSION (2010 SCR 13L ENG), P. 5.....	372
11.10. ALLISON TRANSMISSION (2010 SCR 13L ENG) (CONT.), P. 6.....	373
11.11. ALLISON TRANSMISSION (2010 SCR 13L ENG) (CONT.), P. 7.....	374

## TABLE OF CONTENTS (CONT.)

11.12. ALLISON TRANSMISSION (2010 SCR 13L ENG) (CONT.), P. 8.....	375
11.13. ALLISON TRANSMISSION (2010 SCR 13L ENG) (CONT.), P. 9.....	376
11.14. ALLISON TRANSMISSION (2010 SCR 13L ENG) (CONT.), P. 10.....	377
11.15. ALLISON TRANSMISSION (2010 SCR 13L ENG) (CONT.), P. 11.....	378
11.16. ALLISON TC10 TRANSMISSION, P. 12.....	379
11.17. ALLISON TC10 TRANSMISSION (CONT.), P. 13.....	380
11.18. ALLISON TC10 TRANSMISSION (CONT.), P. 13A.....	381
<b>12. HVAC (CHAPTER 12).....</b>	<b>382</b>
12.1. AIR CONDITIONING, P. 1.....	382
12.2. HVAC SYSTEM – CAB, P. 2.....	383
12.3. HVAC SYSTEM – CAB (CONT.), P. 3.....	384
12.4. HVAC SYSTEM – SLEEPER, P. 4.....	385
12.5. HVAC SYSTEM – SLEEPER (CONT.), P. 5.....	386
12.6. NO IDLE HEAT AND HVAC – SWITCHES, P. 6.....	387
12.7. NO IDLE HEAT AND HVAC – APU, P. 7.....	388
12.8. NO IDLE HEAT AND HVAC – SENSORS AND HVAC CONTROL, P. 8.....	389
12.9. HVAC TEMPERATURE SENDER, P. 8A.....	390
12.10. NO IDLE HEAT AND HVAC – POWER SUPPLY, P. 9.....	391
12.11. NO IDLE HEAT AND HVAC – HEAT VALVE, LPM AND BLEND MOTOR, P. 10.....	392
12.12. NO IDLE HEAT AND HVAC – FUEL FIRED HEATER AND A/C COMPRESSOR, P. 11.....	393
12.13. NO IDLE HEATER, ESPAR IN CAB FUEL FIRED HEATER, P. 12.....	394
12.14. NO IDLE HEATER, ESPAR IN CAB FUEL FIRED HEATER WIRED FOR KEY OFF MODE, P. 12A.....	395
12.15. NO IDLE HEATER, WEBASTO IN CAB FUEL FIRED HEATER, P. 13.....	396
12.16. NO IDLE HEATER, WEBASTO IN CAB FUEL FIRED HEATER WITH LVD, P. 14.....	397
12.17. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE WITH PROSTAR, P. 15.....	398
12.18. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE, P. 15A.....	399
12.19. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE SWITCHES – LOCATED IN SLEEPER CONTROL PANEL, P. 16.....	400
12.20. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE SWITCHES – LOCATED IN SLEEPER CONTROL PANEL (CONT.), P. 17.....	401
12.21. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE POWER SUPPLY 12V, P. 18....	402
12.22. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE POWER SUPPLY 12V (CONT.), P. 18A.....	403
12.23. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE FUEL FIRED HEATER, P. 19...	404
12.24. IDLE MANAGEMENT WITH NO IDLE 12V DC NOT WITH AUTO SEVERE SERVICE LONESTAR, P. 20.....	405
12.25. IDLE MANAGEMENT WITH NO IDLE 12V DC NOT WITH AUTO SEVERE SERVICE LONESTAR (CONT.), P. 21.....	406
12.26. IDLE MANAGEMENT WITH NO IDLE 110V AND SLEEPER BOX NO IDLE ISOLATED BATTERY AND GROUND, P. 22.....	407
12.27. SLEEPER BOX WITH NO IDLE 12V DC WITH AUTO SEVERE SERVICE LONESTAR, P. 23.....	408
12.28. HVAC-CONDENSATION MODULE FOR ESPAR AND WEBASTO NO IDLE HEAT, P. 24.....	409
12.29. SLEEPER WIRING WITH NO IDLE DASH SWITCH, P. 25.....	410
12.30. ESPAR HEATER WITH DAYCAB, P. 26.....	411
<b>13. BUNK LIGHTS AND ACCESSORIES (CHAPTER 13).....</b>	<b>412</b>
13.1. READING AND WARDROBE LIGHTS – BUNK, P. 1.....	412
13.2. LUGGAGE COMPARTMENT LIGHTS – BUNK, P. 2.....	413

**TABLE OF CONTENTS (CONT.)**

13.3. POWER SOURCE – BUNK, P. 3.....	414
13.4. TELEVISION / REFRIGERATOR WIRING, P. 4.....	415
13.5. SPEAKER – BUNK, P. 5.....	416
13.6. FAN – BUNK, P. 6.....	417
13.7. SKY RISE LIGHT, P. 7.....	418
13.8. FLAT PANEL TV / DVD PLAYER – BUNK, P. 8.....	419
<b>14. CONNECTOR COMPOSITES (CHAPTER 14).....</b>	<b>420</b>
14.1. CONNECTOR BODY COMPOSITE (1), P. 1.....	420
14.2. CONNECTOR BODY COMPOSITE (7A), (8A), (9A), (10A), P. 1A.....	421
14.3. CONNECTOR BODY COMPOSITE (10F), (11A), (12A), (13A), (14A), P. 2.....	422
14.4. CONNECTOR BODY COMPOSITE (15B), (16B), P. 2A.....	423
14.5. CONNECTOR BODY COMPOSITE (100A), (100B), (113F1), (113M1), (166M), (344), P. 3....	424
14.6. CONNECTOR BODY COMPOSITE (345), (346F), (347F), (348F), (349F), (512), P. 3A.....	425
14.7. CONNECTOR BODY COMPOSITE (608), (670), P. 4.....	426
14.8. CONNECTOR BODY COMPOSITE (670A), (670B), (670C), P. 4A.....	427
14.9. CONNECTOR BODY COMPOSITE (671), (672), (673), P. 4B.....	428
14.10. CONNECTOR BODY COMPOSITE (674), P. 4C.....	429
14.11. CONNECTOR BODY COMPOSITE (674), (674A), (674D), P. 4D.....	430
14.12. CONNECTOR BODY COMPOSITE (674E), (674F), (674G), P. 4E.....	431
14.13. CONNECTOR BODY COMPOSITE (675), (676), (677), (678), P. 4F.....	432
14.14. CONNECTOR BODY COMPOSITE (679), P. 4G.....	433
14.15. CONNECTOR BODY COMPOSITE (679), P. 4H.....	434
14.16. CONNECTOR BODY COMPOSITE (679), (680), P. 4I.....	435
14.17. CONNECTOR BODY COMPOSITE (680), (681), (682), P. 4J.....	436
14.18. CONNECTOR BODY COMPOSITE (685), (686), P. 4K.....	437
14.19. CONNECTOR BODY COMPOSITE (690), (691), (830M), P. 4L.....	438
14.20. CONNECTOR BODY COMPOSITE (1007), (1010), (1011), (1012), (1013), (1014), (1015), (1016), (1017), (1018), (1019), (1020), P. 5.....	439
14.21. CONNECTOR BODY COMPOSITE (1010), P. 6.....	440
14.22. CONNECTOR BODY COMPOSITE (1010), P. 6A.....	441
14.23. CONNECTOR BODY COMPOSITE (1011), P. 7.....	442
14.24. CONNECTOR BODY COMPOSITE (1011), P. 7A.....	443
14.25. CONNECTOR BODY COMPOSITE (1011), P. 7B.....	444
14.26. CONNECTOR BODY COMPOSITE (1012), P. 8.....	445
14.27. CONNECTOR BODY COMPOSITE (1012), P. 8A.....	446
14.28. CONNECTOR BODY COMPOSITE (1013), P. 9.....	447
14.29. CONNECTOR BODY COMPOSITE (1013), P. 9A.....	448
14.30. CONNECTOR BODY COMPOSITE (1014), P. 10.....	449
14.31. CONNECTOR BODY COMPOSITE (1014), P. 10A.....	450
14.32. CONNECTOR BODY COMPOSITE (1014), P. 10B.....	451
14.33. CONNECTOR BODY COMPOSITE (1015), P. 11.....	452
14.34. CONNECTOR BODY COMPOSITE (1015), P. 11A.....	453
14.35. CONNECTOR BODY COMPOSITE (1016), P. 12.....	454
14.36. CONNECTOR BODY COMPOSITE (1016), P. 12A.....	455
14.37. CONNECTOR BODY COMPOSITE (1017), P. 13.....	456
14.38. CONNECTOR BODY COMPOSITE (1017), P. 13A.....	457
14.39. CONNECTOR BODY COMPOSITE (1017), P. 13B.....	458
14.40. CONNECTOR BODY COMPOSITE (1018), P. 14.....	459
14.41. CONNECTOR BODY COMPOSITE (1018), P. 14A.....	460
14.42. CONNECTOR BODY COMPOSITE (1019), P. 15.....	461



## TABLE OF CONTENTS (CONT.)

14.43. CONNECTOR BODY COMPOSITE (1019), P. 15A.....	462
14.44. CONNECTOR BODY COMPOSITE (1019), P. 15B.....	463
14.45. CONNECTOR BODY COMPOSITE (1020), P. 16.....	464
14.46. CONNECTOR BODY COMPOSITE (1020), P. 16A.....	465
14.47. CONNECTOR BODY COMPOSITE (1021), (1022), P. 16B.....	466
14.48. CONNECTOR BODY COMPOSITE (1023), (1024), P. 17.....	467
14.49. CONNECTOR BODY COMPOSITE (1025), (1026), (1027), P. 18.....	468
14.50. CONNECTOR BODY COMPOSITE (1028), (1035), P. 18A.....	469
14.51. CONNECTOR BODY COMPOSITE (1100M), (1101M), (1110M), P. 18B.....	470
14.52. CONNECTOR BODY COMPOSITE (1111M), (1112), (1112M), (1113), (1113M), P. 19.....	471
14.53. CONNECTOR BODY COMPOSITE (1114M), (1115M), (1116M), (1117M), P. 20.....	472
14.54. CONNECTOR BODY COMPOSITE (1118M), (1119F), (1119M), (1120M), P. 21.....	473
14.55. CONNECTOR BODY COMPOSITE (1121M), (1122M), (1123M), (1124M), P. 21A.....	474
14.56. CONNECTOR BODY COMPOSITE (1125M), (1126M), (1127M), (1200), P. 21B.....	475
14.57. CONNECTOR BODY COMPOSITE (1210), (1215), (1220), (1230), P. 21C.....	476
14.58. CONNECTOR BODY COMPOSITE (1300), (1301), P. 22.....	477
14.59. CONNECTOR BODY COMPOSITE (1378), P. 22A.....	478
14.60. CONNECTOR BODY COMPOSITE (1400), (1401), (1402), P. 23.....	479
14.61. CONNECTOR BODY COMPOSITE (1403), (1410), (1420), P. 24.....	480
14.62. CONNECTOR BODY COMPOSITE (1421), (1422), (1500), (1501), P. 25.....	481
14.63. CONNECTOR BODY COMPOSITE (1423), (1500), (1501), P. 25A.....	482
14.64. CONNECTOR BODY COMPOSITE (1501), (1502), P. 26.....	483
14.65. CONNECTOR BODY COMPOSITE (1503), (1510), P. 26A.....	484
14.66. CONNECTOR BODY COMPOSITE (1511), (1512), (1550), (1559), P. 27.....	485
14.67. CONNECTOR BODY COMPOSITE (1600), P. 28.....	486
14.68. CONNECTOR BODY COMPOSITE (1601), P. 29.....	487
14.69. CONNECTOR BODY COMPOSITE (1602), P. 30.....	488
14.70. CONNECTOR BODY COMPOSITE (1603), (1604), P. 31.....	489
14.71. CONNECTOR BODY COMPOSITE (1605), (1606), (1607), (1610), P. 31A.....	490
14.72. CONNECTOR BODY COMPOSITE (1620), (1650), P. 32.....	491
14.73. CONNECTOR BODY COMPOSITE (1660), (1661), (1657M), (1657MA), P. 33.....	492
14.74. CONNECTOR BODY COMPOSITE (1700), P. 34.....	493
14.75. CONNECTOR BODY COMPOSITE (1700), P. 34A.....	494
14.76. CONNECTOR BODY COMPOSITE (1700F), P. 35.....	495
14.77. CONNECTOR BODY COMPOSITE (1700F), P. 35A.....	496
14.78. CONNECTOR BODY COMPOSITE (1701), P. 36.....	497
14.79. CONNECTOR BODY COMPOSITE (1701), P. 36A.....	498
14.80. CONNECTOR BODY COMPOSITE (1701F), P. 37.....	499
14.81. CONNECTOR BODY COMPOSITE (1702), P. 38.....	500
14.82. CONNECTOR BODY COMPOSITE (1702), P. 39.....	501
14.83. CONNECTOR BODY COMPOSITE (1702), P. 39A.....	502
14.84. CONNECTOR BODY COMPOSITE (1800), P. 40.....	503
14.85. CONNECTOR BODY COMPOSITE (1800F), P. 41.....	504
14.86. CONNECTOR BODY COMPOSITE (1801), (1802), P. 42.....	505
14.87. CONNECTOR BODY COMPOSITE (1803), (1804), P. 43.....	506
14.88. CONNECTOR BODY COMPOSITE (1805), (1806), (1807), P. 44.....	507
14.89. CONNECTOR BODY COMPOSITE (1808), (1809), (1810), P. 45.....	508
14.90. CONNECTOR BODY COMPOSITE (1811), (1812), (1814), (1815), (1820F), (1820M), P. 46...	509
14.91. CONNECTOR BODY COMPOSITE (1820), P. 46A.....	510
14.92. CONNECTOR BODY COMPOSITE (1821), (1821A), (1822), (1823), (1860), (1861), P. 47....	511
14.93. CONNECTOR BODY COMPOSITE (1824), (1852), (1873), (1873B), (1874), P. 47A.....	512

**TABLE OF CONTENTS (CONT.)**

14.94. CONNECTOR BODY COMPOSITE (1873), (1874), (1874A), (1874B), P. 48.....	513
14.95. CONNECTOR BODY COMPOSITE (1874B), (1874C), (1901), (1903), P. 48A.....	514
14.96. CONNECTOR BODY COMPOSITE (1906), (1907), (1909M), (1910 / 1910A), (1911), (1912), (1916), P. 49.....	515
14.97. CONNECTOR BODY COMPOSITE (1917), (1918), (1918A), (1918B), (1919), (1919A), (1919B), (1920), P. 50.....	516
14.98. CONNECTOR BODY COMPOSITE (1921), (1922), (1922M), (1923), P. 50A.....	517
14.99. CONNECTOR BODY COMPOSITE (1924), (1924M), (1925), (1925F), (1926), (1930), P. 51...	518
14.100. CONNECTOR BODY COMPOSITE (1932), (1933), (1934M), (1935M), (1935N), (1936M), (1937M), (1937N), P. 52.....	519
14.101. CONNECTOR BODY COMPOSITE (1937P), (1938M), (1939), (1939M), (1939N), (1942F), P. 52A.....	520
14.102. CONNECTOR BODY COMPOSITE (1943M), (1946F), (1948), (1949), (1950), P. 53.....	521
14.103. CONNECTOR BODY COMPOSITE (1951), (1953), (1960), P. 53A.....	522
14.104. CONNECTOR BODY COMPOSITE (1961), (1962), P. 54.....	523
14.105. CONNECTOR BODY COMPOSITE (1965), P. 54A.....	524
14.106. INTENTIONALLY LEFT BLANK, P. 55.....	525
14.107. CONNECTOR BODY COMPOSITE (1970), (1978), (1979), (1979A), P. 56.....	526
14.108. CONNECTOR BODY COMPOSITE (1992), (2000), P. 57.....	527
14.109. CONNECTOR BODY COMPOSITE (2002M), (2003M), (2004M), (2005M), (2006M), (2007F), P. 58.....	528
14.110. CONNECTOR BODY COMPOSITE (2010), (2100), (2101), (2102M), (2103M), P. 59.....	529
14.111. CONNECTOR BODY COMPOSITE (2200), (2201), (2223), (2224), (2225), (2227), (2227B) P. 60.....	530
14.112. CONNECTOR BODY COMPOSITE (2300), (2302), (2303F), (2303M), (2304), (2312), P. 61.....	531
14.113. CONNECTOR BODY COMPOSITE (2313), (2500), (2505), P. 62.....	532
14.114. CONNECTOR BODY COMPOSITE (3000), (3003M), (3100), (3100M), P. 63.....	533
14.115. CONNECTOR BODY COMPOSITE (3200), (3200F), (3201), (3201M), (3202M), (3203), P. 64.....	534
14.116. CONNECTOR BODY COMPOSITE (3204), (3204M), (3205M), (3205F), (3206M), (3300), (3400), (3410), P. 65.....	535
14.117. CONNECTOR BODY COMPOSITE (4004), (4101), (4111), (4204), P. 66.....	536
14.118. CONNECTOR BODY COMPOSITE (4113), (4114), (4115), (4450BF), P. 66A.....	537
14.119. CONNECTOR BODY COMPOSITE (4204), (4328), P. 66B.....	538
14.120. CONNECTOR BODY COMPOSITE (4450AM), (4450BM), (4450M), (4460BF), P. 67.....	539
14.121. CONNECTOR BODY COMPOSITE (4460M), (4460AM), (4460BM), (4470BM), P. 67A.....	540
14.122. CONNECTOR BODY COMPOSITE (4480BM), (4500), (4705), P. 67B.....	541
14.123. CONNECTOR BODY COMPOSITE (5000 / 5000A), P. 68.....	542
14.124. CONNECTOR BODY COMPOSITE (5000), P. 69.....	543
14.125. CONNECTOR BODY COMPOSITE (5001), P. 70.....	544
14.126. CONNECTOR BODY COMPOSITE (5001), (5002), P. 71.....	545
14.127. CONNECTOR BODY COMPOSITE (5002), (5003), (5005), (5006), (5007), P. 72.....	546
14.128. CONNECTOR BODY COMPOSITE (5009), (5010), (5011), (5011M), (5011F), P. 73.....	547
14.129. CONNECTOR BODY COMPOSITE (5011M), P. 73A.....	548
14.130. CONNECTOR BODY COMPOSITE (5012), (5013), (5014), (5015), (5020), (5031), P. 74.....	549
14.131. CONNECTOR BODY COMPOSITE (5034), (5035), (5035A), (5036), (5037), (5038), P. 74A.....	550
14.132. CONNECTOR BODY COMPOSITE (5100), (5101), (5102), (5103), P. 75.....	551
14.133. CONNECTOR BODY COMPOSITE (5103), (5104), (5105), (5106), (5107), (5109), (5110), (5111), P. 76.....	552

## TABLE OF CONTENTS (CONT.)

14.134.CONNECTOR BODY COMPOSITE (5112), (5113), (5114), (5115), P. 76A.....	553
14.135.CONNECTOR BODY COMPOSITE (5117), (5118), (5119), P. 77.....	554
14.136.CONNECTOR BODY COMPOSITE (5123), (5124), (5125), (5126), P. 78.....	555
14.137.CONNECTOR BODY COMPOSITE (5126), (5127), (5128), (5129), (5130), P. 79.....	556
14.138.CONNECTOR BODY COMPOSITE (5130), (5131), (5134), P. 79A.....	557
14.139.CONNECTOR BODY COMPOSITE (5134), (5134F), (5135), P. 80.....	558
14.140.CONNECTOR BODY COMPOSITE (5135F), (5136), (5200), (5202), (5205), P. 81.....	559
14.141.CONNECTOR BODY COMPOSITE (5210), (5212), (5213), P. 81A.....	560
14.142.CONNECTOR BODY COMPOSITE (5214), (5215), (5216), (5217), (5218), (5219), P. 82.....	561
14.143.CONNECTOR BODY COMPOSITE (5220), (5222), (5230), P. 83.....	562
14.144.CONNECTOR BODY COMPOSITE (5232), (5233), (5234), P. 84.....	563
14.145.CONNECTOR BODY COMPOSITE (5235), (5236), (5237), (5238), P. 84A.....	564
14.146.CONNECTOR BODY COMPOSITE (5300), (5303), (5312), (5313), P. 85.....	565
14.147.CONNECTOR BODY COMPOSITE (5314), (5500), (5501), (5502), (5510), P. 86.....	566
14.148.CONNECTOR BODY COMPOSITE (5530), (5600), (5601M), (5602M), (5602F), (5603M), P. 86A.....	567
14.149.CONNECTOR BODY COMPOSITE (5700), (5701), (5702), (5754), P. 87.....	568
14.150.CONNECTOR BODY COMPOSITE (5757), (5758), (5758F), (5759F), (5760), (5761), (5803), P. 88.....	569
14.151.CONNECTOR BODY COMPOSITE (5803), (5822), (5899), (5899A), (5899B), (5900), (5901), P. 88A.....	570
14.152.CONNECTOR BODY COMPOSITE (5902), (5903), P. 88B.....	571
14.153.CONNECTOR BODY COMPOSITE (5904), (5904M), (5905), (5905F), P. 89.....	572
14.154.CONNECTOR BODY COMPOSITE (5906), (5907), P. 90.....	573
14.155.CONNECTOR BODY COMPOSITE (5909), (5925), (5926), (5927), (5930M), (5940), P. 91...	574
14.156.CONNECTOR BODY COMPOSITE (6000), P. 91A.....	575
14.157.CONNECTOR BODY COMPOSITE (6000), P. 91B.....	576
14.158.CONNECTOR BODY COMPOSITE (6018), P. 92.....	577
14.159.CONNECTOR BODY COMPOSITE (6018), P. 92A.....	578
14.160.CONNECTOR BODY COMPOSITE (6019), P. 93.....	579
14.161.CONNECTOR BODY COMPOSITE (6019), P. 93A.....	580
14.162.CONNECTOR BODY COMPOSITE (6033), P. 94.....	581
14.163.CONNECTOR BODY COMPOSITE (6200), (6201), (6201A), (6201P), P. 94A.....	582
14.164.CONNECTOR BODY COMPOSITE (6260A), (6260F), (6260FP), (6260H), (6300), P. 94B...	583
14.165.CONNECTOR BODY COMPOSITE (6260VH), (6260VL), (6260VM), (6260VN), (6316M), (6400), P. 95.....	584
14.166.CONNECTOR BODY COMPOSITE (6400A), (6401), (6408), (6420), (6566), P. 95A.....	585
14.167.CONNECTOR BODY COMPOSITE (6567), (6568), (6569), P. 95B.....	586
14.168.CONNECTOR BODY COMPOSITE (6702), (6703), (6703A), (6704), P. 96.....	587
14.169.CONNECTOR BODY COMPOSITE (6703A), (6706), P. 96A.....	588
14.170.CONNECTOR BODY COMPOSITE (6712), (6720), (6730), (6748), (7104F), P. 97.....	589
14.171.CONNECTOR BODY COMPOSITE (7150), P. 97A.....	590
14.172.CONNECTOR BODY COMPOSITE (7105), (7104B), (7104F), (7110), (7110A), P. 98.....	591
14.173.CONNECTOR BODY COMPOSITE (7150), P. 98A.....	592
14.174.CONNECTOR BODY COMPOSITE (7205), (7206), (7211), (7212), (7213), P. 98B.....	593
14.175.CONNECTOR BODY COMPOSITE (7220), (7250), (7350), P. 98C.....	594
14.176.CONNECTOR BODY COMPOSITE (7500W), (7501), (7502), (7600), (7600A), (7603), P. 98D.....	595
14.177.CONNECTOR BODY COMPOSITE (7605), (7615), P. 98E.....	596
14.178.CONNECTOR BODY COMPOSITE (7110B), (7700K), (7802), (7905), P. 99.....	597
14.179.CONNECTOR BODY COMPOSITE (8000), (8001), P. 99A.....	598

**TABLE OF CONTENTS (CONT.)**

14.180.CONNECTOR BODY COMPOSITE (8002), (8003), (8006T), (8006R), (8050), (8051), P. 99B.....	599
14.181.CONNECTOR BODY COMPOSITE (8052), (8053), (8054), (8070), (8071), (8100), (8100A), P. 99C.....	600
14.182.CONNECTOR BODY COMPOSITE (8100B), (8101), (8101A), (8101B), (8102), (8103* / 8102), (8100A), P. 99D.....	601
14.183.CONNECTOR BODY COMPOSITE (8104), (8106), (8107), (8108), (8109), (8110), (8111), (8165), P. 100.....	602
14.184.CONNECTOR BODY COMPOSITE (8166T), (8203A), (8303A), (8303B), P. 101.....	603
14.185.CONNECTOR BODY COMPOSITE (8201), (8203), (8303), (8310), (8311), (8312), (8350), P. 102.....	604
14.186.INTENTIONALLY LEFT BLANK, P. 103.....	605
14.187.CONNECTOR BODY COMPOSITE (8351), (8352), (8410), (8450), (8450B), P. 104.....	606
14.188.CONNECTOR BODY COMPOSITE (8450B), (8451), (8453), (8454), (8455), (8456), (8456A), (8500), P. 105.....	607
14.189.CONNECTOR BODY COMPOSITE (8500), (8501), (8502), (8503), (8504), (8504B), (8504C), (8504D), P. 106.....	608
14.190.CONNECTOR BODY COMPOSITE (8505), (8505B), (8506), (8507), (8507A), (8507B), P. 107.....	609
14.191.CONNECTOR BODY COMPOSITE (8500), (8501), (8502), (8503), (8504), (8504B), (8504C), (8504D), P. 108.....	610
14.192.CONNECTOR BODY COMPOSITE (8800), (8802), (8803), (8804), (8805), (8806), (8900), P. 109.....	611
14.193.CONNECTOR BODY COMPOSITE (8901), (8902), (8903), (8904), P. 110.....	612
14.194.CONNECTOR BODY COMPOSITE (8950), (8951), (8952), P. 111.....	613
14.195.CONNECTOR BODY COMPOSITE (8953F), (8953M), (8954), (8954M), (8956), P. 112.....	614
14.196.CONNECTOR BODY COMPOSITE (8961), (8962), (8963), (8964), (8965), (8966), (8967), P. 113.....	615
14.197.CONNECTOR BODY COMPOSITE (8970), (8971), (8972), (8973), P. 114.....	616
14.198.CONNECTOR BODY COMPOSITE (8974), (8975), (8976), (8977), (8980), (8980A), (8981), P. 115.....	617
14.199.CONNECTOR BODY COMPOSITE (8982), (8983), (8984), (8993F), (8993G), P. 116.....	618
14.200.CONNECTOR BODY COMPOSITE (9103A), (9253), (9260), (9303), (9303A), (9303B), (9303C), (9303D), P. 117.....	619
14.201.CONNECTOR BODY COMPOSITE (9303E), (9303F), (9303G), (9303K), (9303L), (9303M), P. 118.....	620
14.202.CONNECTOR BODY COMPOSITE (9304A), (9305), (9305A), (9306), P. 119.....	621
14.203.CONNECTOR BODY COMPOSITE (9501), (9501D), (9501E), (9502), (9502A), (9502B), (9502C), (9502D), (9502E), (9502F), P. 120.....	622
14.204.CONNECTOR BODY COMPOSITE (9503), (9503D), (9503E), (9504), (9504A), (9504B), (9504C), (9504D), P. 121.....	623
14.205.CONNECTOR BODY COMPOSITE (9505), (9505A), (9505D), (9506), (9506D), (9506E), P. 122.....	624
14.206.CONNECTOR BODY COMPOSITE (9506), (9506D), (9506E), (9506F), (9507), (9507A), (9507C), P. 123.....	625
14.207.CONNECTOR BODY COMPOSITE (9507A), (9507B), (9507C), (9507K), (9508), P. 124.....	626
14.208.CONNECTOR BODY COMPOSITE (9508), (9508D), (9508E), (9508F), (9509), (9509A), (9509C), P. 125.....	627
14.209.CONNECTOR BODY COMPOSITE (9509B), (9509P), (9510), (9510A), P. 126.....	628
14.210.CONNECTOR BODY COMPOSITE (9510M), (9511), (9511A), (9512), (9512A), (9513), P. 127.....	629

**TABLE OF CONTENTS (CONT.)**

14.211.CONNECTOR BODY COMPOSITE (9514), (9515), (9515C), (9515A), (9515B),  
 (9515D), (9516), P. 128..... 630

14.212.CONNECTOR BODY COMPOSITE (9781F), (9782M), (9783M), (9783F), (9784M), P. 129... 631

14.213.CONNECTOR BODY COMPOSITE (9519), (9520), (9521), (9522), (9523), (9524),  
 (9525), (9526), P. 130..... 632

14.214.CONNECTOR BODY COMPOSITE (9527), (9528), (9529), (9532), (9534), (9535),  
 (9536), (9537), P. 131..... 633

14.215.CONNECTOR BODY COMPOSITE (9538), (9601D), (9602B), (9603D), (9604A),  
 (9611), (9612), (9613), P. 132..... 634

14.216.CONNECTOR BODY COMPOSITE (9614), (9635), (9715F), (9715M), (9716M),  
 (9716F), P. 133..... 635

14.217.CONNECTOR BODY COMPOSITE (9718), (9736), (9737), (9737A), (9768), (9769M),  
 P. 134..... 636

14.218.CONNECTOR BODY COMPOSITE (9770M), (9770F), (9773), (9773A), (9773B),  
 (9779F), (9779F1), P. 135..... 637

14.219.CONNECTOR BODY COMPOSITE (9780), (9780M) (9780M1), (9781F), (9782M),  
 (9783M), (9783F), P. 136..... 638

14.220.CONNECTOR BODY COMPOSITE (9784M), (9789F), (9789FA), (9790M), (9790MA),  
 P. 137..... 639

14.221.CONNECTOR BODY COMPOSITE (9800F), (9800M), P. 138..... 640

14.222.CONNECTOR BODY COMPOSITE (9801M), (9801F), P. 139..... 641

14.223.CONNECTOR BODY COMPOSITE (9811), (9812), (9813), P. 140..... 642

14.224.CONNECTOR BODY COMPOSITE (9814), (9815), (9816), P. 141..... 643

14.225.CONNECTOR BODY COMPOSITE (9830), (9832), (9865F), (9865M), P. 142..... 644

14.226.CONNECTOR BODY COMPOSITE (9900), (9901), (9902), P. 143..... 645

14.227.CONNECTOR BODY COMPOSITE (9902), (9911), (9912), P. 144..... 646

## TABLE OF CONTENTS

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## INSTRUCTIONS AND CHARTS (CHAPTER 2)

### 2.1. ABBREVIATIONS, P. 1

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				<b>CHAPTER 2</b>	
				ABBREVIATIONS	
<b>ABBREVIATION</b>	<b>DESCRIPTION</b>	<b>ABBREVIATION</b>	<b>DESCRIPTION</b>	<b>ABBREVIATION</b>	<b>DESCRIPTION</b>
ACCESS	ACCESSORY	CUR	CURRENT	PRESS	PRESSURE
AC	AIR CONDITIONING	DPNL	DASHBOARD	RAD	RADIO
AIR CLNR	AIR CLEANER	DFTR	DEFLECTOR	RR	REAR
ALT	ALTERNATOR	DFR	DEFROSTER	RLY	RELAY
AC	ALTERNATING CURRENT	DEG	DEGREE	RES	RESISTOR
AFTR	AFTERTREATMENT	DIAG	DIAGRAM	R	RIGHT
AMM	AMMETER	DSL	DIESEL	RTR	ROTOR
AMP	AMPERE	DIFF	DIFFERENTIAL	SNSR	SENSOR
AMP HR	AMPERE HOUR	DIMR	DIMMER	SHLD	SHIELD
AMPL	AMPLIFIER	ELEC	ELECTRICAL	SHFT	SHIFTER
ARM	ARMATURE	ELEX	ELECTRONICS	SLPR	SLEEPER
ARSR	ARRESTER	ENG	ENGINE	SLV	SLEEVE
ASSY	ASSEMBLY	EXH	EXHAUST	SPKR	SPEAKER
AUX	AUXILIARY	FL	FLUID	SPR	SPRING
B/U	BACK-UP	FWD	FORWARD	STD	STANDARD
BTRY	BATTERY	FR	FRONT	STRG	STEERING
BM	BENCHMARKING	FREQ	FREQUENCY	STLITE	SATELLITE
BLK	BLOCK	GA	GAUGE	SUNSH	SUNSHADE
BOOS	BOOSTER	GEN	GENERATOR	SW	SWITCH
BOT	BOTTOM	GND	GROUND	SYS	SYSTEM
BK	BRAKE	HARN	HARNESS	TACH	TACHOMETER
BRKR	BREAKER	HDLP	HEADLAMP	TEMP	TEMPERATURE
BRTHR	BREATHER	HTD	HEATED	TERM	TERMINAL
BRJ	BRIGHT	HT TR	HEAT TREAT	THROT	THROTTLE
BUZ	BUZZER	HTR	HEATER	THRU	THROUGH
CA	CABLE	HP	HORSEPOWER	TRLR	TRAILER
CD	CANDELA	HYD	HYDRAULIC	XDCR	TRANSDUCER
CP	CANDLEPOWER	ID	IDENTIFICATION	XFER	TRANSFER
CAP	CAPACITOR	IGN	IGNITION	XFMR	TRANSFORMER
CAT	CATERPILLAR	ILLUM	ILLUMINATION	XSTR	TRANSISTOR
CHAS	CHASSIS	IND	INDICATOR	XMSN	TRANSMISSION
CH	CHOKE	INST	INSTRUMENT	XMTR	TRANSMITTER
CIRC	CIRCUIT	INT	INTERMITTENT	TRK	TRUCK
CLK	CLOCK	L	LEFT	UPR	UPPER
CW	CLOCKWISE	LT	LIGHT	VLV	VALVE
CLSTR	CLUSTER	LTR	LIGHTER	VERT	VERTICAL
CL	CLUTCH	LWR	LOWER	VM	VOLTMETER
COL	COLUMN	MAG	MAGNET	VOL	VOLUME
COMM	COMMUTATOR	MOD	MODULATOR	WSHR	WASHER
CMPNT	COMPONENT	MDL	MODULE	WHL	WHEEL
CPRSR	COMPRESSOR	MOT	MOTOR	WDO	WINDOW
CONN	CONNECT	MTD	MOUNTED	WSHLD	WINDSHIELD
CONT	CONTINUED	NEG	NEGATIVE	WPR	WIPER
CSL	CONSOLE	N/	NOT WITH	W/	WITH
CONT	CONTACT	NO.	NUMBER	W/O	WITHOUT
CONT	CONTROL	PASS	PASSENGER		
CONV	CONVERTER	POSN	POSITION		
CLR	COOLER	POS	POSITIVE		
CTSY	COURTESY	POT	POTENTIOMETER		
CRUS	CRUISE	PWR	POWER		

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0486	30DEC11	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
					RELEASE NO.	DATE	PART NO.
		DIAGRAM, PROSTAR.			61802Y	09MAR09	AE08058095
							SHEET 001

Figure 1 Abbreviations

**ELECTRICAL CIRCUIT DIAGRAM MANUAL**

**2.2. ACRONYMS, P. 2**

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2</b>																																																																																																																																					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				ACRONYMS																																																																																																																																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">DESCRIPTION</th> <th style="width: 50%;">ACRONYM</th> </tr> </thead> <tbody> <tr><td>ANTILOCK BRAKING SYSTEM</td><td>ABS</td></tr> <tr><td>ANTENNA COMMUNICATION UNIT</td><td>ACU</td></tr> <tr><td>ALTERNATING CURRENT</td><td>AC</td></tr> <tr><td>AXLE TO BACK OF CAB</td><td>AC</td></tr> <tr><td>AXLE TO FRAME</td><td>AF</td></tr> <tr><td>ACCELERATOR PEDAL MODULE</td><td>APM</td></tr> <tr><td>ACCELERATOR POSITION SENSOR</td><td>APS</td></tr> <tr><td>AUXILIARY POWER UNIT</td><td>APU</td></tr> <tr><td>AUTOMATIC TRACTION CONTROL</td><td>ATC</td></tr> <tr><td>AUDIO VIDEO INTERFACE</td><td>AVI</td></tr> <tr><td>BRAKE HORSEPOWER</td><td>BHP</td></tr> <tr><td>BACK OF CAB</td><td>BOC</td></tr> <tr><td>CITIZEN BAND</td><td>CB</td></tr> <tr><td>COLD CRANKING AMPERES</td><td>CCA</td></tr> <tr><td>CLEAN POWER ELECTRICAL CONNECTOR</td><td>CEC</td></tr> <tr><td>CAB OVER ENGINE</td><td>COE</td></tr> <tr><td>DIRECT CURRENT</td><td>DC</td></tr> <tr><td>DRIVER CONTROL MODULE</td><td>DCM</td></tr> <tr><td>DIGITAL DATA LINK</td><td>DDL</td></tr> <tr><td>DIESEL OXIDATION CATALYST INLET TEMPERATURE</td><td>DOCT</td></tr> <tr><td>DIESEL PARTICULATE FILTER</td><td>DPF</td></tr> <tr><td>DIESEL TURBOCHARGED</td><td>DT</td></tr> <tr><td>DAY TIME RUNNING LIGHTS</td><td>DTRL</td></tr> <tr><td>ELECTRONIC CONTROL MODULE</td><td>ECM</td></tr> <tr><td>ELECTRONIC CONTROL UNIT</td><td>ECU</td></tr> <tr><td>EXHAUST GAS RECIRCULATION</td><td>EGR</td></tr> <tr><td>EXHAUST GAS TEMPERATURE</td><td>EGT</td></tr> <tr><td>ELECTRO MAGNETIC INTERFACE</td><td>EMI</td></tr> <tr><td>END OF FRAME</td><td>EOF</td></tr> <tr><td>ELECTRIC TRAILER BRAKE</td><td>ETB</td></tr> <tr><td>FRONT AXLE</td><td>FA</td></tr> <tr><td>FRONT END</td><td>FE</td></tr> <tr><td>FRONT OF DASH</td><td>FOD</td></tr> <tr><td>FULL POWER BRAKE</td><td>FPB</td></tr> <tr><td>GLOBAL POSITIONING SYSTEM</td><td>GPS</td></tr> <tr><td>HYDRAULIC CONTROL UNIT</td><td>HCU</td></tr> <tr><td>HEAVY DUTY</td><td>HD</td></tr> <tr><td>HEAVY DUTY DIESEL</td><td>HDD</td></tr> <tr><td>HIGH PERFORMANCE TRUCK</td><td>HPT</td></tr> <tr><td>HEATING, VENTILATION, AND AIR CONDITIONING</td><td>HVAC</td></tr> </tbody> </table>				DESCRIPTION	ACRONYM	ANTILOCK BRAKING SYSTEM	ABS	ANTENNA COMMUNICATION UNIT	ACU	ALTERNATING CURRENT	AC	AXLE TO BACK OF CAB	AC	AXLE TO FRAME	AF	ACCELERATOR PEDAL MODULE	APM	ACCELERATOR POSITION SENSOR	APS	AUXILIARY POWER UNIT	APU	AUTOMATIC TRACTION CONTROL	ATC	AUDIO VIDEO INTERFACE	AVI	BRAKE HORSEPOWER	BHP	BACK OF CAB	BOC	CITIZEN BAND	CB	COLD CRANKING AMPERES	CCA	CLEAN POWER ELECTRICAL CONNECTOR	CEC	CAB OVER ENGINE	COE	DIRECT CURRENT	DC	DRIVER CONTROL MODULE	DCM	DIGITAL DATA LINK	DDL	DIESEL OXIDATION CATALYST INLET TEMPERATURE	DOCT	DIESEL PARTICULATE FILTER	DPF	DIESEL TURBOCHARGED	DT	DAY TIME RUNNING LIGHTS	DTRL	ELECTRONIC CONTROL MODULE	ECM	ELECTRONIC CONTROL UNIT	ECU	EXHAUST GAS RECIRCULATION	EGR	EXHAUST GAS TEMPERATURE	EGT	ELECTRO MAGNETIC INTERFACE	EMI	END OF FRAME	EOF	ELECTRIC TRAILER BRAKE	ETB	FRONT AXLE	FA	FRONT END	FE	FRONT OF DASH	FOD	FULL POWER BRAKE	FPB	GLOBAL POSITIONING SYSTEM	GPS	HYDRAULIC CONTROL UNIT	HCU	HEAVY DUTY	HD	HEAVY DUTY DIESEL	HDD	HIGH PERFORMANCE TRUCK	HPT	HEATING, VENTILATION, AND AIR CONDITIONING	HVAC	<table border="1" style="width: 100%; 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HYDRAULIC CONTROL UNIT	HCU																																																																																																																																								
HEAVY DUTY	HD																																																																																																																																								
HEAVY DUTY DIESEL	HDD																																																																																																																																								
HIGH PERFORMANCE TRUCK	HPT																																																																																																																																								
HEATING, VENTILATION, AND AIR CONDITIONING	HVAC																																																																																																																																								
DESCRIPTION	ACRONYM																																																																																																																																								
INJECTOR DRIVE MODULE	IDM																																																																																																																																								
INPUT/OUTPUT	I/O																																																																																																																																								
INTEGRATED MOBILE COMMUNICATIONS TERMINAL	IMCT																																																																																																																																								
INSTRUMENT PANEL	I/P																																																																																																																																								
INDEPENDENT POWER TAKE-OFF	IPTO																																																																																																																																								
LIGHT COMMERCIAL TRANSMISSION	LCT																																																																																																																																								
MEDIUM DUTY	MD																																																																																																																																								
MALFUNCTION INDICATION LAMP	MIL																																																																																																																																								
MULTIPLEX SWITCH MODULE	MSM																																																																																																																																								
PYROMETER AMMETER MODULE	PAM																																																																																																																																								
PROGRAMMABLE LOGIC CONTROLLER	PLC																																																																																																																																								
POWER TAKE-OFF	PTO																																																																																																																																								
PULSE WIDTH MODULATION	PWM																																																																																																																																								
REAR AXLE	RA																																																																																																																																								
RADIO FREQUENCY	RF																																																																																																																																								
ROLL STABILITY PROGRAMM	RSP																																																																																																																																								
SEVERE SERVICE	SS																																																																																																																																								
TRANSMISSION CONTROL MODULE	TCM																																																																																																																																								
TERRESTRIAL COMMUNICATION UNIT	TCU																																																																																																																																								
TERRESTRIAL MOBILE COMMUNICATIONS TERMINAL	TMCT																																																																																																																																								
THERMAL OVERCRANK PROTECTION	TOCP																																																																																																																																								
THROTTLE POSITION SENSOR	TPS																																																																																																																																								
ZERO VOLT REFERENCE	ZVR																																																																																																																																								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																																																			
0486	30DEC11	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																																																																																																			
		DIAGRAM, PROSTAR.			RELEASE NO.	DATE	PART NO.																																																																																																																																		
					61802Y	09MAR09	AE08058095																																																																																																																																		
						SHEET	002																																																																																																																																		

**Figure 2 Acronyms**



2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3

**NAVISTAR, INC**

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.

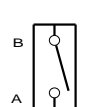
**ELECTRICAL CIRCUIT DIAGRAM**

**CHAPTER 2**

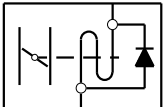
**CIRCUIT DIAGRAM INSTRUCTIONS**

---

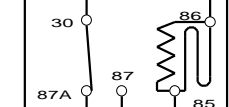
**A - SWITCH AND RELAY POSITIONS AS SHOWN ON CIRCUIT DIAGRAMS INDICATE NORMAL POSITION WITH IGNITION OFF UNLESS OTHERWISE NOTED.**



SWITCH, MECHANICAL

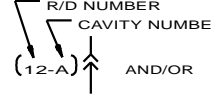


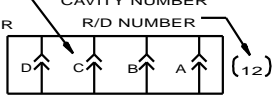
SOLENOID



RELAY - SUPPRESSED

**B - MULTIPLE CONNECTIONS ARE DISPLAYED ON SCHEMATIC AS SHOWN WITH R/D NUMBER & CAVITY NUMBER. REFER TO CONNECTOR COMPOSITE FOR MORE INFORMATION**



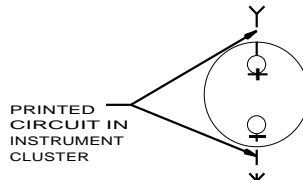


SINGLE IN-LINE CONNECTORS DISPLAYED AS SHOWN BELOW WITHOUT R/D NUMBER


>>>

---

**C - PHANTOM LINES INDICATE PRINTED CIRCUITS OR BUSSED CIRCUITS. THESE CIRCUITS EXIST IN THE INSTRUMENT CLUSTER AND FUSE / CIRCUIT BREAKER CONNECTORS.**



PRINTED CIRCUIT IN INSTRUMENT CLUSTER

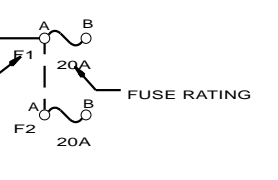


VOLTMETER

**LOCATION / CIRCUIT NUMBER**  
**WIRE GAUGE / WIRE COLOR**


**LOCATION IN FUSE / CIRCUIT BREAKER CONNECTION**

**FUSE RATING**



---

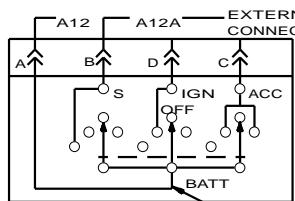
**D - MULTIPLE CIRCUIT NUMBERS ON A LINE INDICATE ONE CIRCUIT DISTRIBUTING CURRENT TO TWO CIRCUITS.**



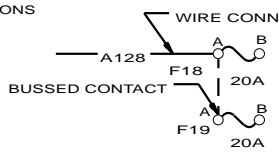
SPLICE

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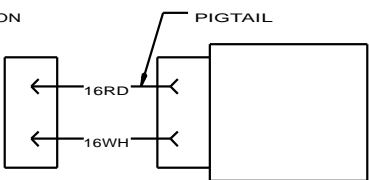
**E - SWITCHES, RELAYS AND COMPONENTS INDICATE EXTERNAL WIRE CONNECTIONS AND / OR INTERNAL CONNECTIONS OR CONTACTS.**



KEY SWITCH (1101M)



WIRE CONNECTION



PIGTAIL

**EXTERNAL WIRE CONNECTIONS**

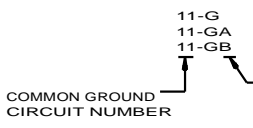
**BUSED CONTACT**

**INTERNAL CONNECTION**

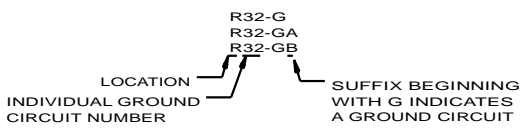
**BODY CONTROLLER (1602)**

---

**F - CIRCUIT "11" DENOTES ANY COMMON GROUND (MORE THAN ONE CIRCUIT). ANY INDIVIDUAL GROUND CIRCUIT IS IDENTIFIED WITH THAT PARTICULAR CIRCUIT NUMBER. (E.G. CIRCUIT 32 CRUISE CONTROL IS IDENTIFIED AS PER EXAMPLE)**



COMMON GROUND CIRCUIT NUMBER



INDIVIDUAL GROUND CIRCUIT NUMBER

NOTE: FOR CIRCUIT DESCRIPTION OTHER THAN GROUNDS NEITHER THE LETTER "G" NOR THE COLOR WHITE SHALL BE USED

---

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
0486	30DEC11	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR		
	DIAGRAM, PROSTAR.				RELEASE NO.	DATE	PART NO.	SHEET
					61802Y	09MAR09	AE08058095	003

Figure 3 Circuit Diagram Instructions

3

2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4

NAVISTAR, INC		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.		CIRCUIT NUMBER IDENTIFICATION AND COLOR	
CIRCUIT NUMBER	COLOR	DESCRIPTION	
1	LTBL	ALTERNATOR - FIELD	
2	RD	ALTERNATOR - CHARGE	
3	DKBL	SERIAL / DATA COMMUNICATION J1587 / J1708 (+)	
	GY	SERIAL / DATA COMMUNICATION J1587 / J1708 (-)	
4	DKBL	SERIAL / DATA COMMUNICATION J1922 (+)	
	GY	SERIAL / DATA COMMUNICATION J1922 (-)	
5	YL	SERIAL / DATA COMMUNICATION J1939/11 / J1939/15 (+)	
	GN	SERIAL / DATA COMMUNICATION J1939/11 / J1939/15 (-)	
6	GY	LOW VOLTAGE ELECTRONIC FEED (LESS THAN 9 VOLTS)	
7	RD	ALTERNATOR - RESISTANCE	
8			
9	GY	LOW VOLTAGE ELECTRONIC GROUND	
10	WH	CHASSIS / ENGINE GROUND	
11	WH	CAB / SLEEPER GROUND	
12	LTBL	ACCESSORY FEED	
13	PK	IGNITION FEED	
	BK	IGNITION FEED (BODY BUILDER CONNECTOR)	
14	RD	BATTERY FEED	
15	RD	KEY SWITCH FEED	
16			
17	PK	STARTER CONTROL	
18	PK	GLOW PLUG / PREHEATER	
19	GY	ENGINE SHUTDOWN	
20	LTGN	REMOTE POWER MODULE	
21	TN	COLD START CONTROLS (ETHER)	
22	TN	TIRE PRESSURE MONITORING / CONTROL	
23	TN	ENGINE FAN / SHUTTERS	
24	GY	ENGINE EXHAUST BRAKE	
25	TN	PYROMETER	
26	TN	AMMETER	
27	TN	VOLTMETER	
28	TN	INSTRUMENTS AND GAUGES	
29	TN	ENGINE WATER TEMPERATURE	
30	TN	ENGINE OIL TEMPERATURE	
31	TN	TRANSMISSION OIL TEMPERATURE	
32	TN	AXLE OIL TEMPERATURE	
33	TN	ENGINE OIL LEVEL	
34	TN	COOLANT LEVEL	
35	TN	ENGINE OIL PRESSURE	
36	TN	FUEL LEVEL	
37	TN	FUEL PUMP	
38	GY	LIFT AXLE	
39	GY	AIR DRYER HEATER	
40	GY	LOW AIR PRESSURE WARNING	

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0486	30DEC11	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
	DIAGRAM, PROSTAR.				RELEASE NO.	DATE
					61802Y	09MAR09
					PART NO.	SHEET
					AE08058095	004

Figure 4 Circuit Number Identification and Color

2.5. CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.), P. 5

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CHAPTER 2			
				CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.)			
CIRCUIT NUMBER	COLOR	DESCRIPTION					
41	TN	AIR TEMPERATURE					
42	GY	FRONT AXLE ENGAGED					
43	GY	POWER DIVIDER LOCK (PDL) WARNING					
44	GY	PARK BRAKE WARNING					
45	LTGN	ANTITHEFT WARNING					
46	GY	POWER TAKEOFF WARNING					
47	GY	SPEEDOMETER					
48	GY	TACHOMETER					
49	GY	DIFFERENTIAL LOCK WARNING					
50	YL	LIGHT SWITCH FEED					
51	YL	DIMMER SWITCH FEED					
52	YL	HEADLIGHT HI - BEAM					
53	YL	HEADLIGHT LO - BEAM					
54	BN	PARKING / MARKER LIGHTS					
55	OR	TURN SIGNAL - FEED					
56	OR	TURN SIGNAL LIGHTS - LEFT					
	YL	TURN SIGNAL LIGHTS - LEFT (BODY BUILDER CONNECTION)					
	OR	TURN SIGNAL LIGHTS - RIGHT					
57	LTGN	TURN SIGNAL LIGHTS - RIGHT (BODY BUILDER CONNECTION)					
	BN	CLEARANCE / IDENTIFICATION LIGHTS					
58	BN	CLEARANCE / IDENTIFICATION LIGHTS					
59	GY	SOLENOID					
60	OR	HAZARD LIGHTS					
61	GY	AIR SUSPENSION					
62	DKBL	PANEL LIGHTS					
63	DKBL	COURTESY / DOME LIGHTS					
64	YL	FOG / DRIVING LIGHTS					
65	OR	CAB REAR FLOOD LIGHTS					
66	YL	DAYTIME RUNNING LIGHT					
67	GY	OBSTACLE AVOIDANCE / REMOTE SENSOR					
68	BN	TAIL LIGHTS					
69	BN	LICENSE PLATE LIGHT					
70	OR	STOP LIGHTS					
	RD	STOP LIGHTS (BODY BUILDER CONNECTION)					
	OR	BACKUP - LIGHTS					
71	LTBL	BACKUP - LIGHTS (BODY BUILDER CONNECTION)					
	OR	TRAILER AUXILIARY FEED - BATTERY					
72	OR	TRAILER AUXILIARY FEED - BATTERY					
73	LTGN	PWM					
74	LTGN	HEATER RECIRC MOTOR					
75	LTGN	HEATER BLOWER MOTOR					
76	LTGN	AUXILIARY FAN					
77	LTGN	AIR CONDITIONER					
78	LTGN	MIRRORS - HEATED, MOTORIZED					
79	GY	SEAT BELTS					
80	BK	SLEEPER BOX RELAY - FEED					

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0486	30DEC11	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONEATAR
	DIAGRAM, PROSTAR.				RELEASE NO.	DATE
					61802Y	09MAR09
					PART NO.	SHEET
					AE08058095	005

Figure 5 Circuit Number Identification and Color (Cont.)

2.6. CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.), P. 6

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CHAPTER 2 CIRCUIT NUMBER IDENTIFICATION AND COLOR (CONT.)			
CIRCUIT NUMBER	COLOR	DESCRIPTION					
81	LTGN	POWER DOOR LOCKS					
82	GY	WINDSHIELD WIPER					
83	LTGN	POWER WINDOWS					
84	LTGN	CIGAR LIGHTER					
85	GY	HORN					
86	LTGN	RADIO - ENTERTAINMENT / CLOCK					
87	GY	WINDSHIELD WASHER					
88	LTGN	CLOCK / HOURMETER					
89	VT	AIR BAG					
90	GY	HYDRAULIC BRAKE PUMP					
91	VT	INTERCOMMUNICATION					
92	TN	TRANSMISSION CONTROLS - ELECTRONICS					
93	TN	AXLE SHIFT CONTROL					
94	GY	ANTILOCK BRAKE SYSTEM					
95	TN	EXHAUST EMISSION					
96	YL	SNOW PLOW LIGHTS / CRUISE CONTROLS					
97	VT	ENGINE CONTROLS - ELECTRONIC					
98	BK	DATALINK AND DIAGNOSTICS					
99	VT	ACCELERATOR POSITION SENSOR (APS)					
100	GY	AIR HORN (ELECTRIC SOLENOID ACTUATED)					
101	TN	BRAKE APPLICATION AIR					
102	YL	FLASH TO PASS					
103	LTGN	BODY BUILDER AUXILIARY FEED					
104	DKBL	REMOTE START / STOP					
105	LTGN	HEATED SEATS					
106	OR	HIGH VOLTAGE ALTERNATOR AC CHARGE					
107	GY	INSTRUMENT CLUSTER ELECTRONIC FEED (5V)					
108	GY	BRAKE PAD WEAR SENSOR					
109	GY	BRAKE STROKE / SLACK ADJUSTER					
110	GY	INSTRUMENT CLUSTER ELECTRONIC GROUND					
111	TN	FUEL FILTER RESTRICTION TRANSDUCER					
112	GY	LIFT GATE					

PREFIX	LOCATION
A	CAB - INSTRUMENT PANEL MODULE
B	CAB - DRIVER CONTROL MODULE
C	CAB - HEADER / CLEARANCE LIGHTS
D	CAB - ROOF / REAR PANEL
E	CAB - LEFT DOOR / DOORS
F	CAB - RIGHT DOOR / DOORS
H	CAB - SLEEPER
J	CAB - DASH (OUTSIDE)
K	ENGINE / RADIATOR
L	TRANSMISSION
M	CHASSIS / FRONT END (CAB DASH PANEL FORWARD)
N	CHASSIS / CENTER SECTION (CAB DASH PANEL TO CAB REAR XMBR)
P	CHASSIS / WHEEL BASE SECTION
R	CHASSIS / SUSPENSION / REAR AXLE / AXLES
S	CHASSIS / AF SECTION / STOP / TAIL / TURN LIGHTS
T	TRAVEL DOORS
U	HOOD MTD HEADLIGHTS / MARKER LIGHTS
V	SLEEPER ROOF / BACK PANEL WIRING
W	WARDROBE CABINET WIRING

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0486	30DEC11	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
	DIAGRAM	PROSTAR.			RELEASE NO.	DATE
					61802Y	09MAR09
					PART NO.	SHEET
					AE08058095	006

Figure 6 Circuit Number Identification and Color (Cont.)

2.7. LAMP BULB CHART, P. 7

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>																																																																					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				<b>CHAPTER 2</b>																																																																					
				<b>LAMP BULB CHART</b>																																																																					
<table border="1" style="width: 100%; border-collapse: collapse; margin: auto;"> <thead> <tr> <th style="width: 50%;">BULB APPLICATION</th> <th style="width: 20%;">CANDLE POWER OR WATT</th> <th style="width: 30%;">BULB TRADE NUMBER</th> </tr> </thead> <tbody> <tr><td>BACK-UP LIGHT (SUPER 40)</td><td>32 CP</td><td>TL40204</td></tr> <tr><td>CLEARANCE &amp; IDENTIFICATION</td><td>3 CP</td><td>N/A</td></tr> <tr><td>COURTESY LIGHT</td><td>2 CP</td><td>193</td></tr> <tr><td>CAB DOME LIGHT</td><td>12 WATT</td><td>211-2</td></tr> <tr><td>SLEEPER DOME LIGHT (FLUORESCENT)</td><td>15 WATT</td><td>F15T8CW</td></tr> <tr><td>FOG LIGHT</td><td>100 WATT</td><td>4921-1</td></tr> <tr><td>MAP LIGHT</td><td>3 CP</td><td>211-2</td></tr> <tr><td>SIDE MARKER / TURN LIGHT</td><td>27 WATT</td><td>3156</td></tr> <tr><td>STOP, TURN AND TAIL LIGHT (SUPER 40)</td><td>32/2 CP</td><td>TL40248R</td></tr> <tr><td>HEADLIGHTS, HIGH BEAM</td><td>65 WATT</td><td>9005</td></tr> <tr><td>HEADLIGHTS, LOW BEAM</td><td>55 WATT</td><td>9006</td></tr> <tr><td>FRONT MARKER / TURN LIGHT</td><td>27 / 8 WATT</td><td>3357AK</td></tr> <tr><td>SIDE MARKER (FRONT)</td><td>4 WATT</td><td>194</td></tr> <tr><td>LICENSE PLATE LIGHT (SUPER 40)</td><td>2 CP</td><td>TL1508</td></tr> <tr><td>BOC WORK LIGHT (DAY CAB)</td><td>35 WATT</td><td>4411</td></tr> <tr><td>WORK LIGHTS (IN SLEEPER BACK PANEL)</td><td>15 CP</td><td>1003</td></tr> <tr><td>LUGGAGE COMPARTMENT LIGHT</td><td>12 WATT</td><td>211-2</td></tr> <tr><td>READING LIGHT</td><td>15 CP</td><td>912</td></tr> <tr><td>ACCENT LIGHT</td><td>12 WATT</td><td>211-2</td></tr> <tr><td>SLEEPER FLOOR LIGHT</td><td>2 CP</td><td>193</td></tr> <tr><td>CABINET / WARDROBE LIGHT</td><td>5 WATT</td><td>7575</td></tr> </tbody> </table>								BULB APPLICATION	CANDLE POWER OR WATT	BULB TRADE NUMBER	BACK-UP LIGHT (SUPER 40)	32 CP	TL40204	CLEARANCE & IDENTIFICATION	3 CP	N/A	COURTESY LIGHT	2 CP	193	CAB DOME LIGHT	12 WATT	211-2	SLEEPER DOME LIGHT (FLUORESCENT)	15 WATT	F15T8CW	FOG LIGHT	100 WATT	4921-1	MAP LIGHT	3 CP	211-2	SIDE MARKER / TURN LIGHT	27 WATT	3156	STOP, TURN AND TAIL LIGHT (SUPER 40)	32/2 CP	TL40248R	HEADLIGHTS, HIGH BEAM	65 WATT	9005	HEADLIGHTS, LOW BEAM	55 WATT	9006	FRONT MARKER / TURN LIGHT	27 / 8 WATT	3357AK	SIDE MARKER (FRONT)	4 WATT	194	LICENSE PLATE LIGHT (SUPER 40)	2 CP	TL1508	BOC WORK LIGHT (DAY CAB)	35 WATT	4411	WORK LIGHTS (IN SLEEPER BACK PANEL)	15 CP	1003	LUGGAGE COMPARTMENT LIGHT	12 WATT	211-2	READING LIGHT	15 CP	912	ACCENT LIGHT	12 WATT	211-2	SLEEPER FLOOR LIGHT	2 CP	193	CABINET / WARDROBE LIGHT	5 WATT	7575
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		DIAGRAM, PROSTAR.			RELEASE NO.	DATE	PART NO. SHEET																																																																		
					61802Y	09MAR09	AE08058095 007																																																																		

Figure 7 Lamp Bulb Chart

2.8. RELAY FUNCTION AND WIRING GUIDE, P. 8

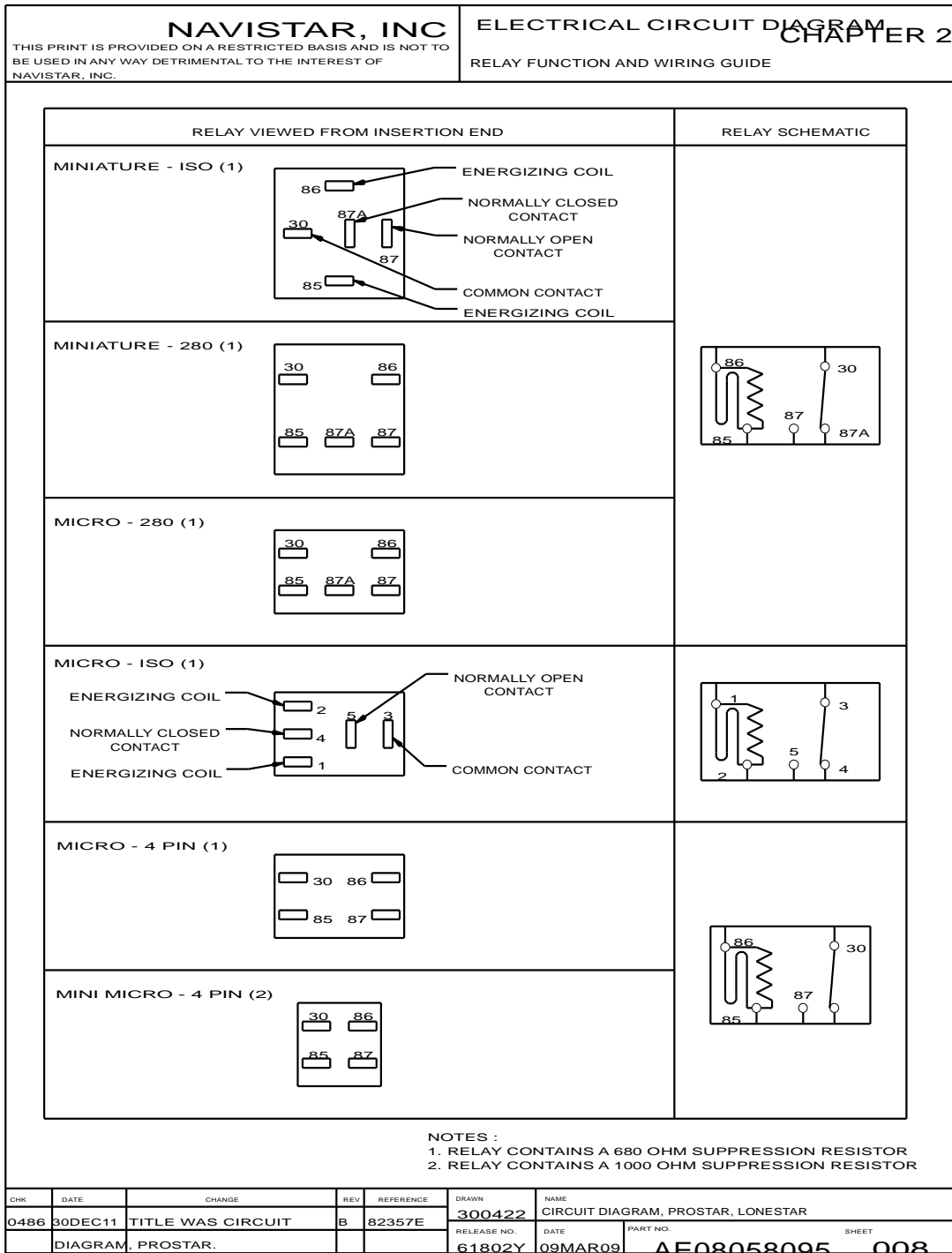
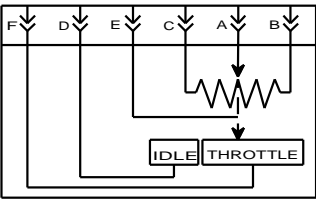
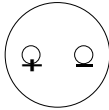
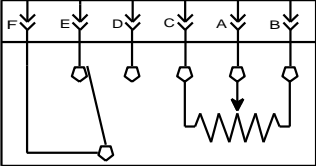
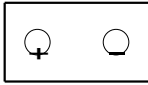
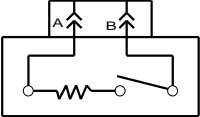

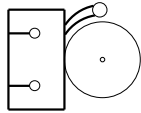
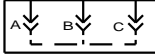
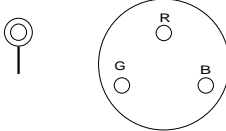

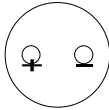
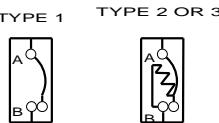
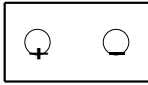


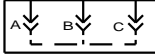

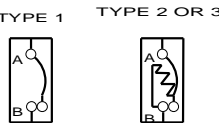



Figure 8 Relay Function and Wiring Guide

2.9. SCHEMATIC SYMBOL CHART, P. 9

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				SCHEMATIC SYMBOL CHART			
SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION	
		ACCEL PEDAL POSN SENSOR				AMMETER	
		ACCEL PEDAL POSN SENSOR				BATTERY	
		AIR DRYER				BLUNT CUT CIRCUIT	
		ALARM				BUSBAR	
		ALTERNATOR				CIGAR LIGHTER	
		AMMETER				CIRCUIT BREAKER	
		BATTERY				DIODE	
		BLUNT CUT CIRCUIT					
		BUSBAR					
		CIGAR LIGHTER					
		CIRCUIT BREAKER					
		DIODE					

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0486	30DEC11	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
	DIAGRAM, PROSTAR.				RELEASE NO. 61802Y	DATE 19AUG09
						PART NO. AE08058095
						SHEET 009

Figure 9 Schematic Symbol Chart

2.10. SCHEMATIC SYMBOL CHART (CONT.), P. 10

NAVISTAR, INC					ELECTRICAL CIRCUIT <del>CHAPTER 2</del>				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					SCHEMATIC SYMBOL CHART (CONT)				
SYMBOL		DESCRIPTION			SYMBOL		DESCRIPTION		
		DIODE, LIGHT EMITTING					HORN		
		FAN SOLENOID					KEY SWITCH		
		FEMALE TERMINAL					KEY SWITCH, COMPLEX		
		FUSE					LIGHT W/ SWITCH		
		FUSIBLE LINK					LIGHT, DOUBLE FILAMENT		
		FUSES W/ BUSBAR					LIGHT, SINGLE FILAMENT		
		GROUND N/ STUD							
		HEATER							
		HOLDER, FUSE W/ BUSBAR							

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
-	-	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
		DIAGRAM, PROSTAR.			RELEASE NO.	DATE
					61802Y	19AUG09
					PART NO.	SHEET
					AE08058095	010

Figure 10 Schematic Symbol Chart (Cont.)



2.11. SCHEMATIC SYMBOL CHART (CONT.), P. 11

NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2 SCHEMATIC SYMBOL CHART (CONT)			
SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION	
		MALE TERMINAL				RESISTOR	
		MOTOR				SENDER - FUEL, OIL, TEMP, WATER	
		PASS THRU CONNECTION				SENSOR, PRESSURE. ABS 6	
		PRESSURE SWITCH				SENSOR, MAGNETIC	
		RELAY, FIVE TERMINAL				SENSOR, YAW	
		RELAY, FOUR TERMINAL				SOLENOID	
		RELAY, LATCHING				SOLENOID W/ DIODE	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0486	30DEC11	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
					RELEASE NO.	DATE	PART NO.
					61802Y	09MAR09	AE08058095
		DIAGRAM, PROSTAR.					SHEET 011

Figure 11 Schematic Symbol Chart (Cont.)

2.12. SCHEMATIC SYMBOL CHART (CONT.), P. 12

NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CHAPTER 2 SCHEMATIC SYMBOL CHART (CONT)				
SYMBOL		DESCRIPTION			SYMBOL		DESCRIPTION		
		SPEAKER					SWITCH, PUSH BUTTON		
		SPLICE					TERMINATING RESISTOR		
		STUD					THERMOSTAT		
		START MOTOR W/ TOCP					VALVE, ETHER BOTTLE		
		SWITCH, MECHANICAL (NORMALLY OPEN)					VALVE, MODULATOR		
		SWITCH, MECHANICAL (NORMALLY CLOSED)					THERMISTOR		
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
0486	13JAN12	TITLE WAS CIRCUIT	C	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR			
	DIAGRAM	PROSTAR.			RELEASE NO.	DATE	PART NO.	SHEET	
					61802Y	09MAR09	AE08058095	012	

Figure 12 Schematic Symbol Chart (Cont.)

# 12 VOLT POWER DISTRIBUTION (CHAPTER 3)

## 3.1. BATTERY FEED, P. 1

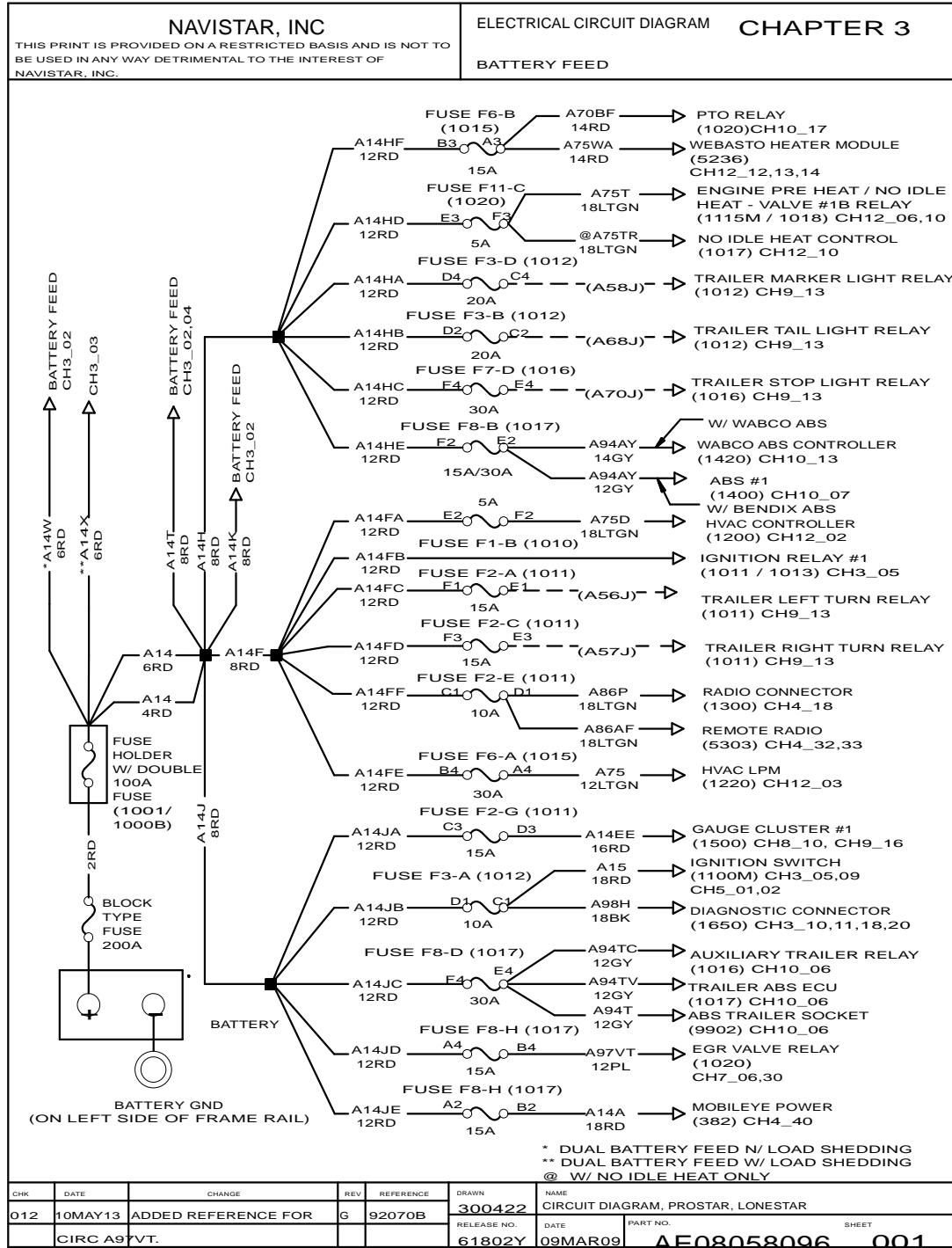


Figure 13 Battery Feed

3.2. BATTERY FEED (CONT.), P. 1A

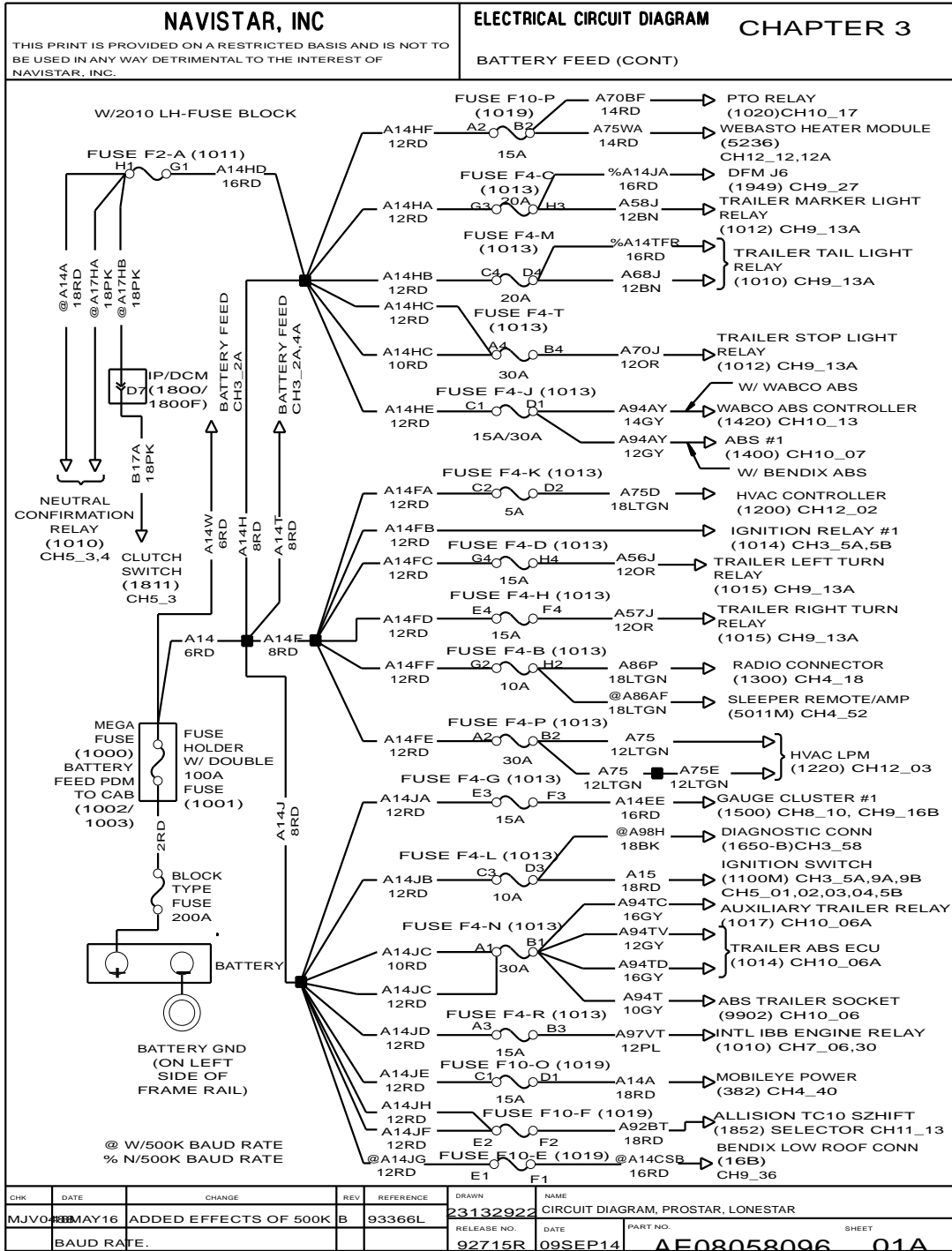


Figure 14 Battery Feed (Cont.)

3.3. BATTERY FEED (CONT.), P. 2

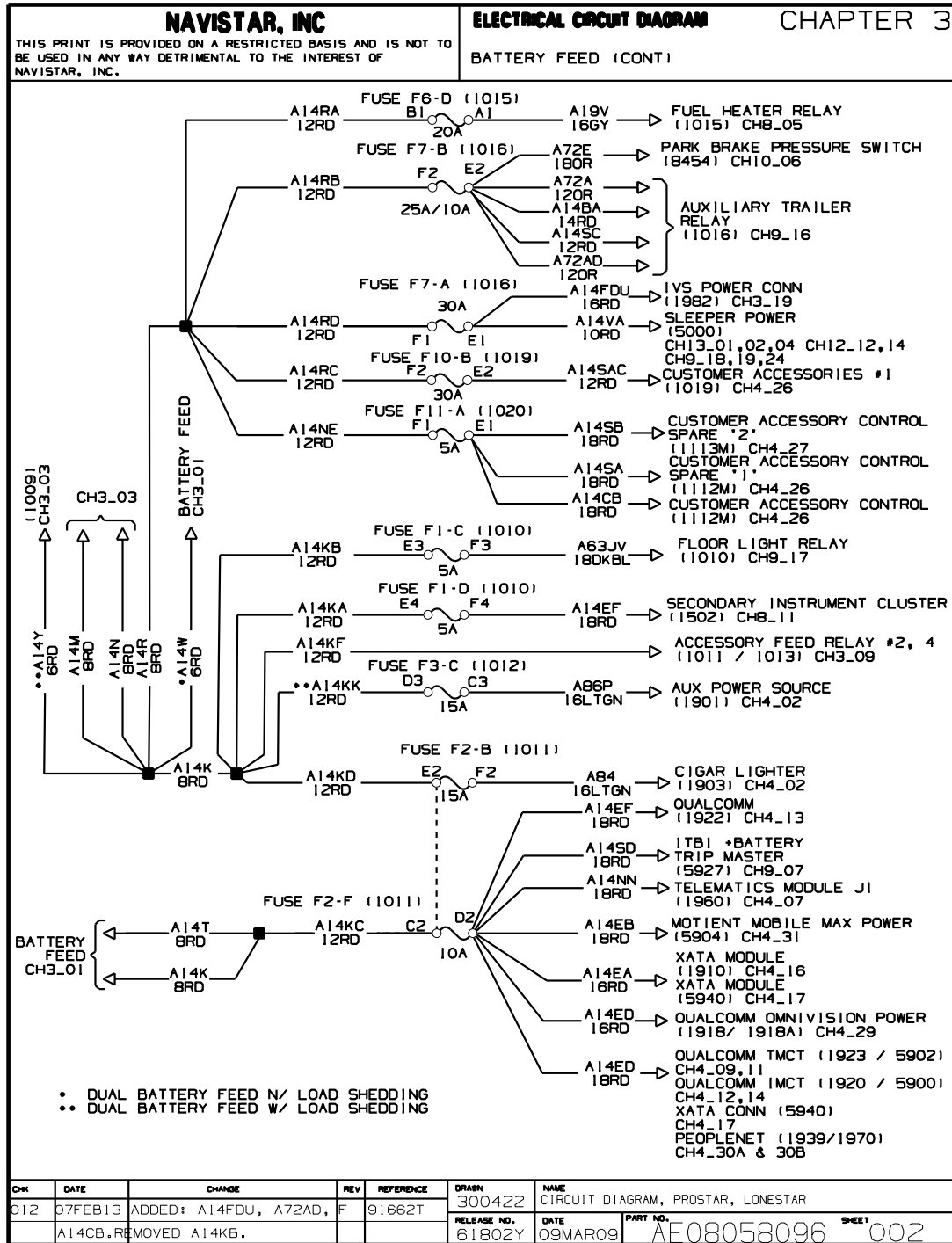


Figure 15 Battery Feed (Cont.)

3.4. BATTERY FEED (CONT.), P. 2A

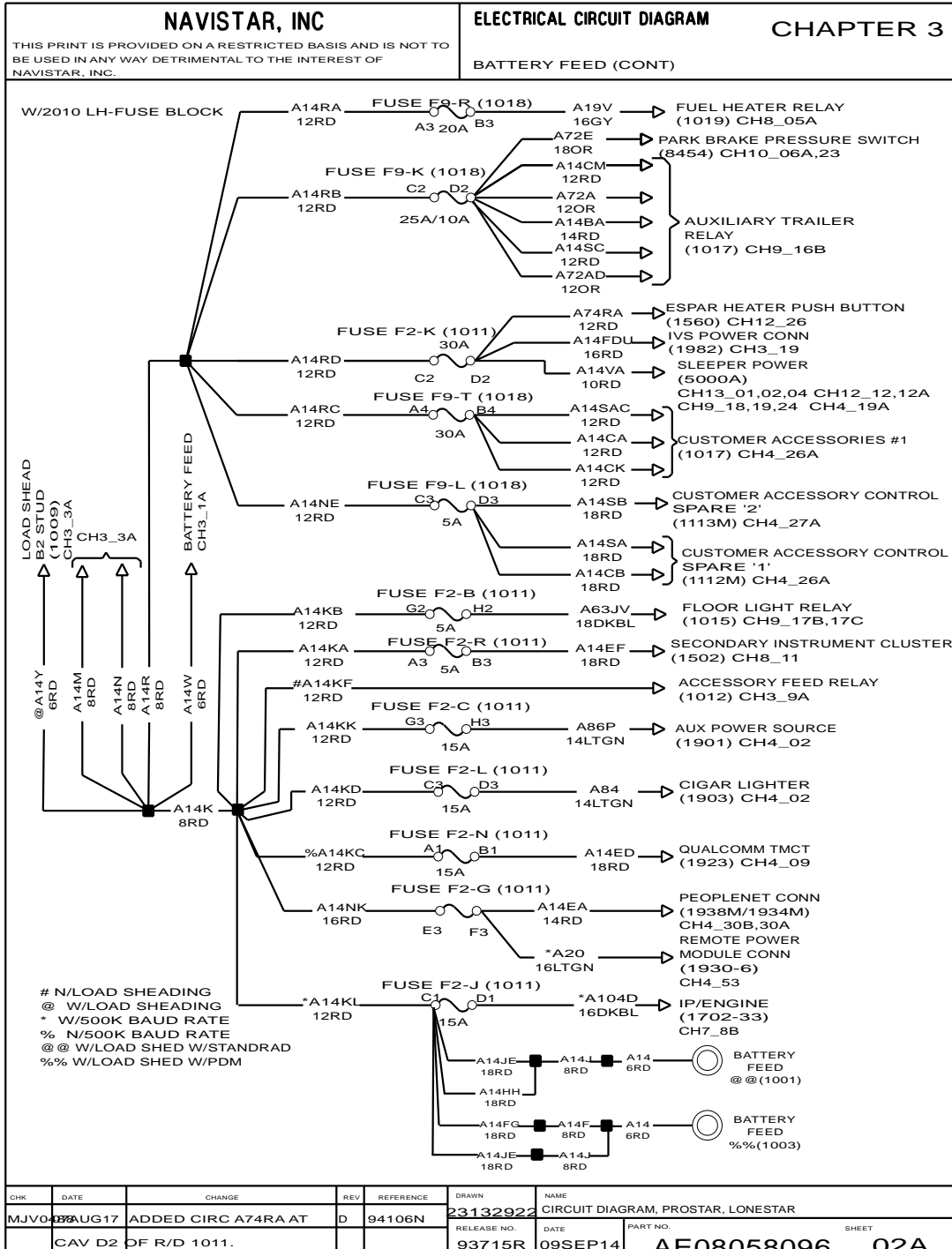


Figure 16 Battery Feed (Cont.)

3.5. BATTERY FEED (CONT.), P. 3

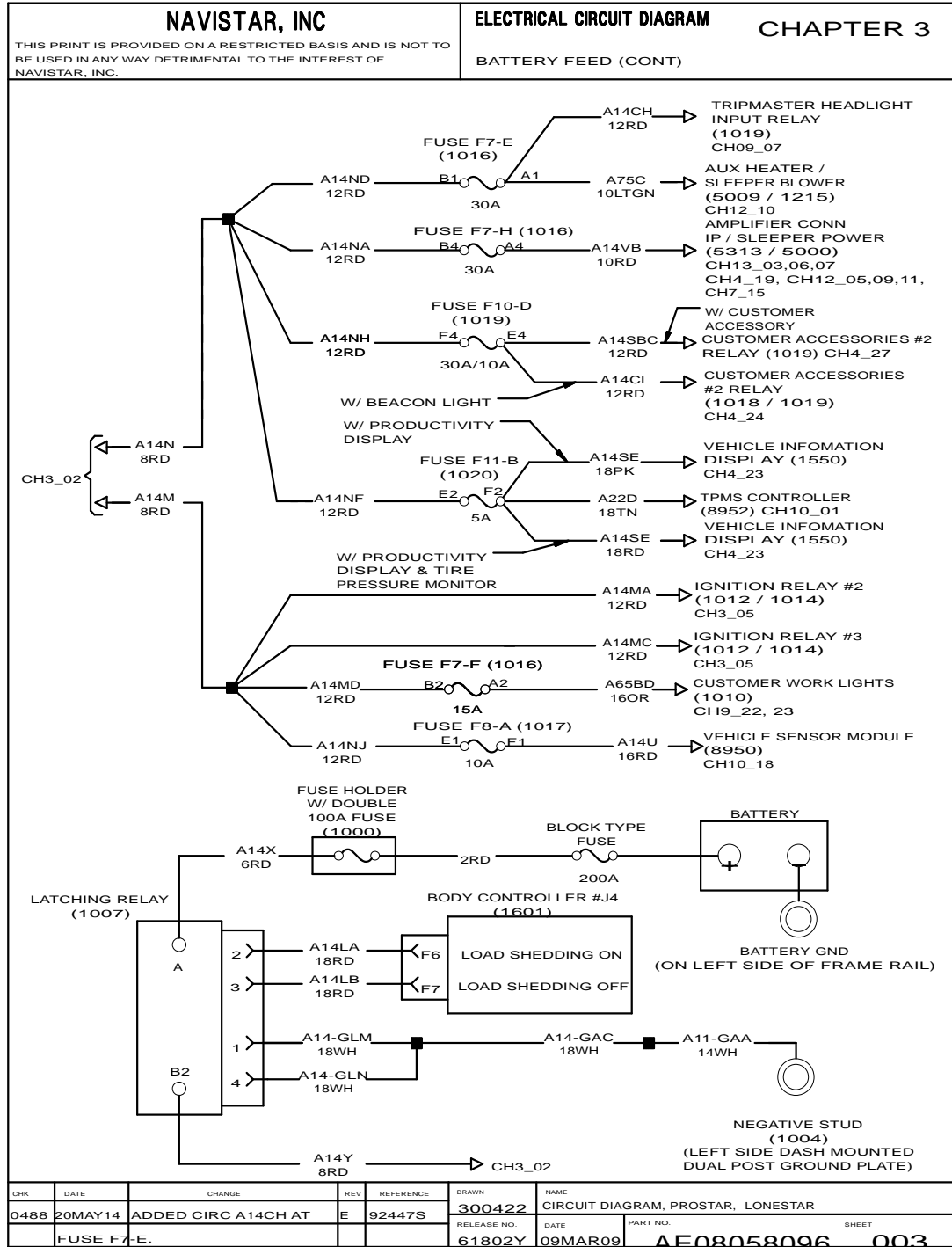


Figure 17 Battery Feed (Cont.)

3.6. BATTERY FEED (CONT.), P. 3A

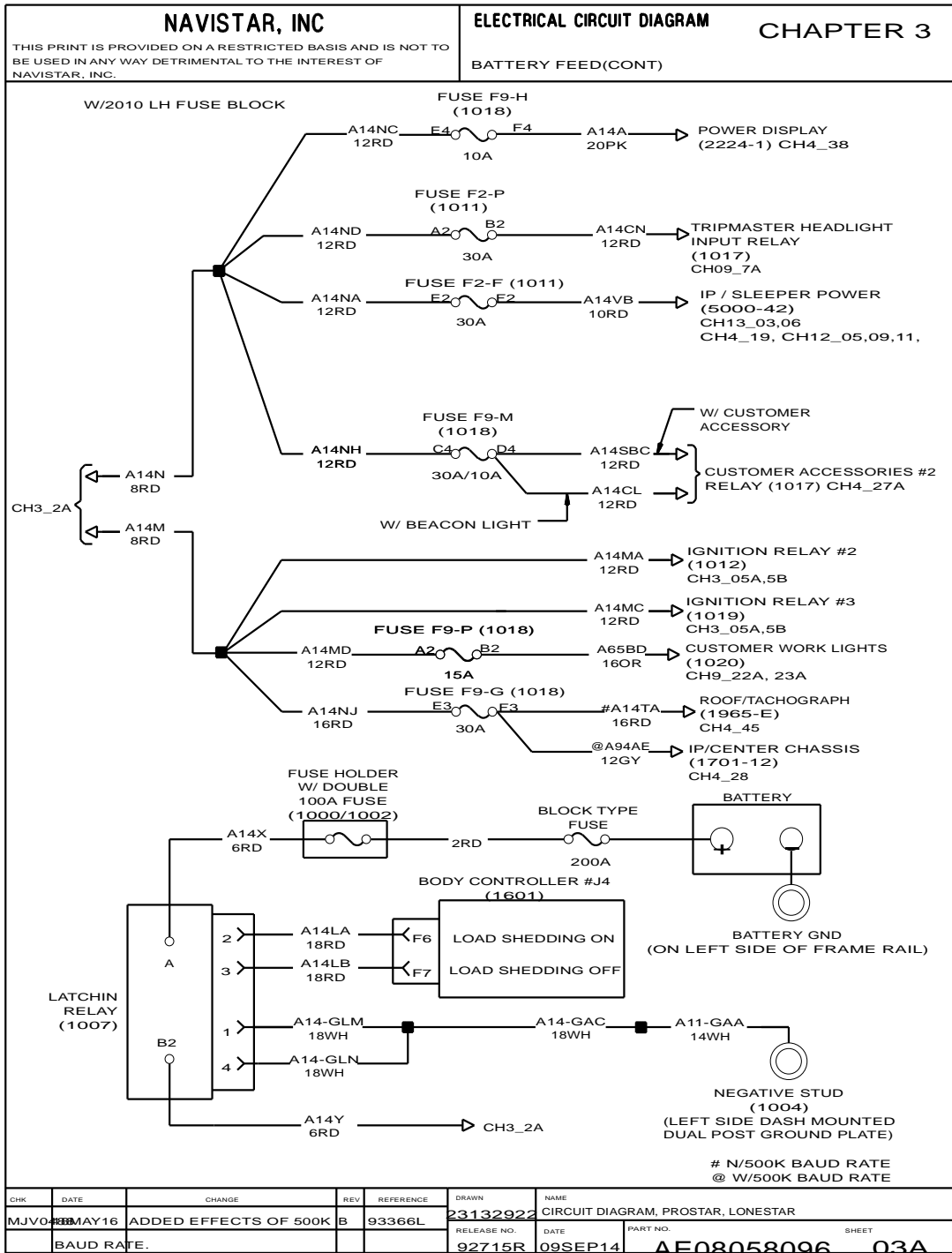


Figure 18 Battery Feed (Cont.)



3.7. BATTERY FEED (CONT.), P. 4

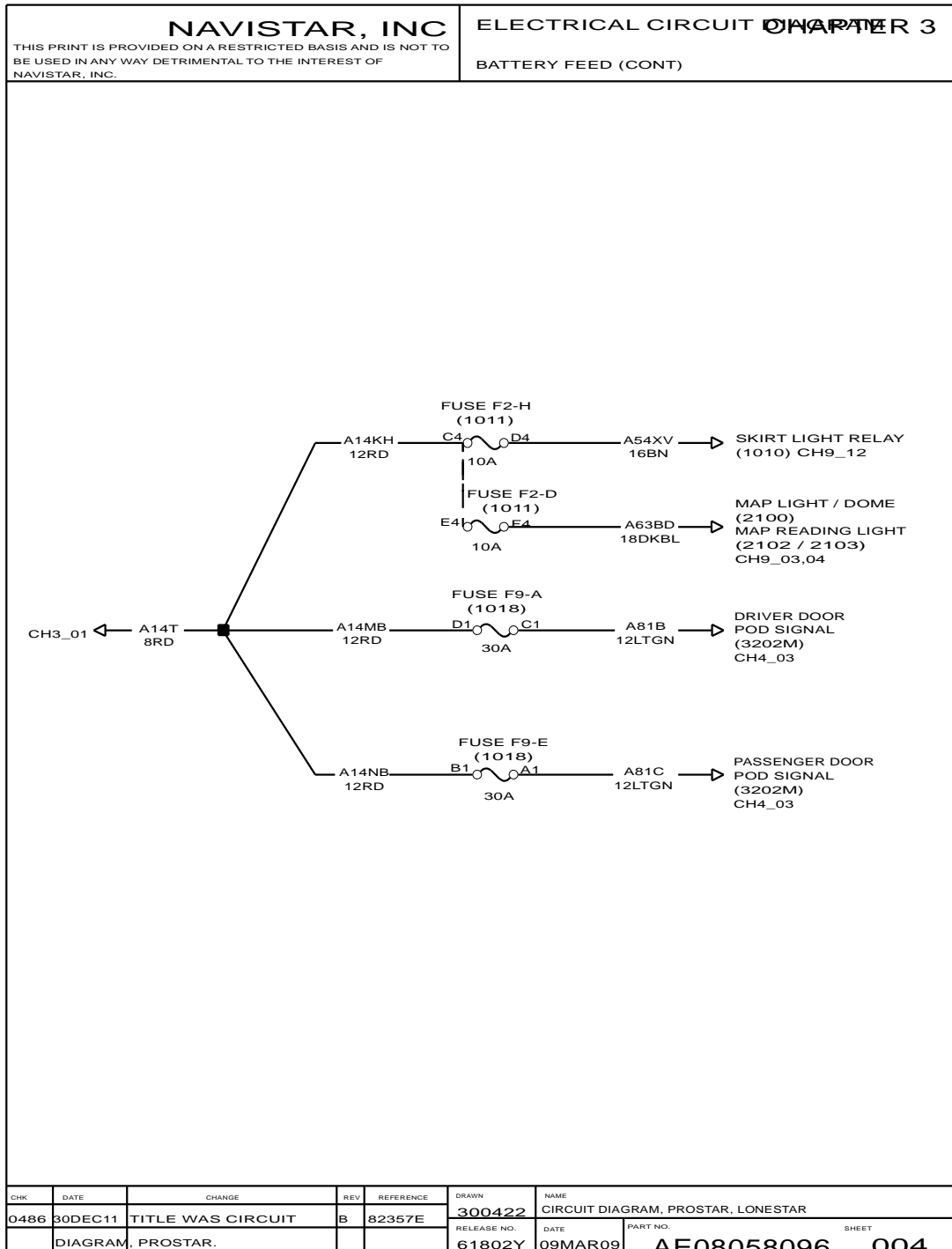


Figure 19 Battery Feed (Cont.)

3.8. BATTERY FEED (CONT.), P. 4A

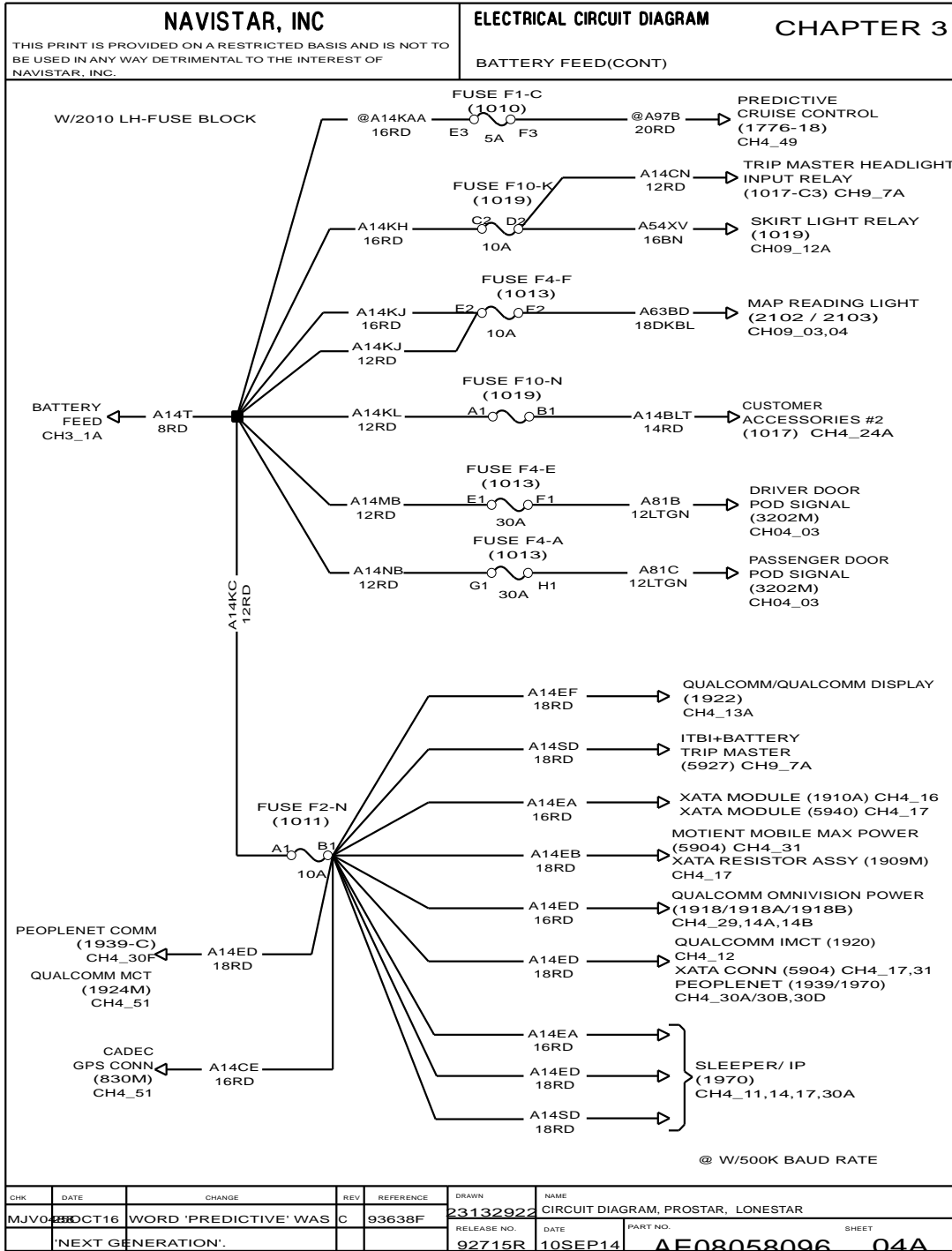


Figure 20 Battery Feed (Cont.)

3.9. IGNITION FEED – STANDARD REMOTE START / STOP, AUTO START / STOP, P. 5

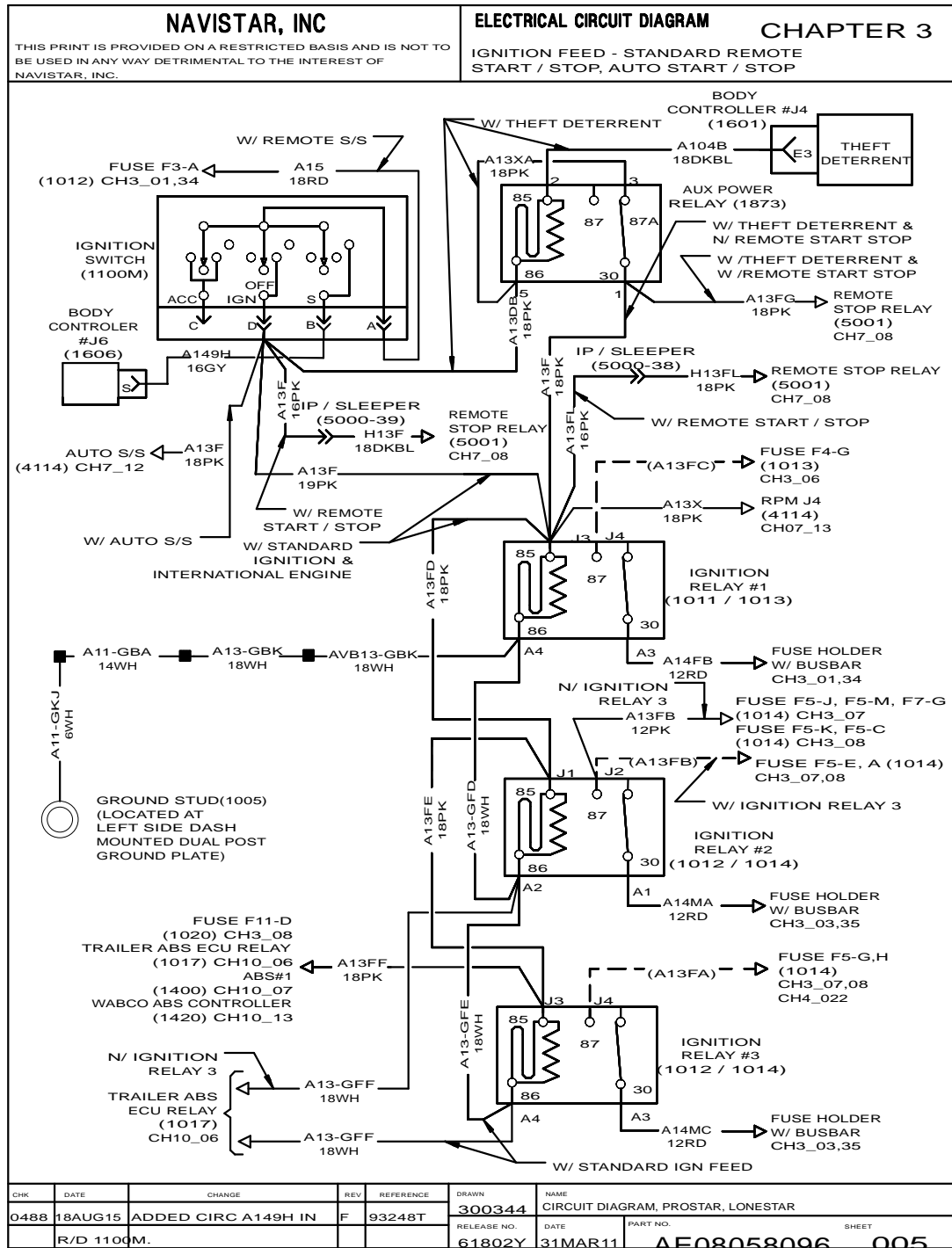


Figure 21 Ignition Feed – Standard Remote Start / Stop, Auto Start / Stop

3.10. IGNITION FEED – STANDARD REMOTE START / STOP, AUTO START / STOP, P. 5A

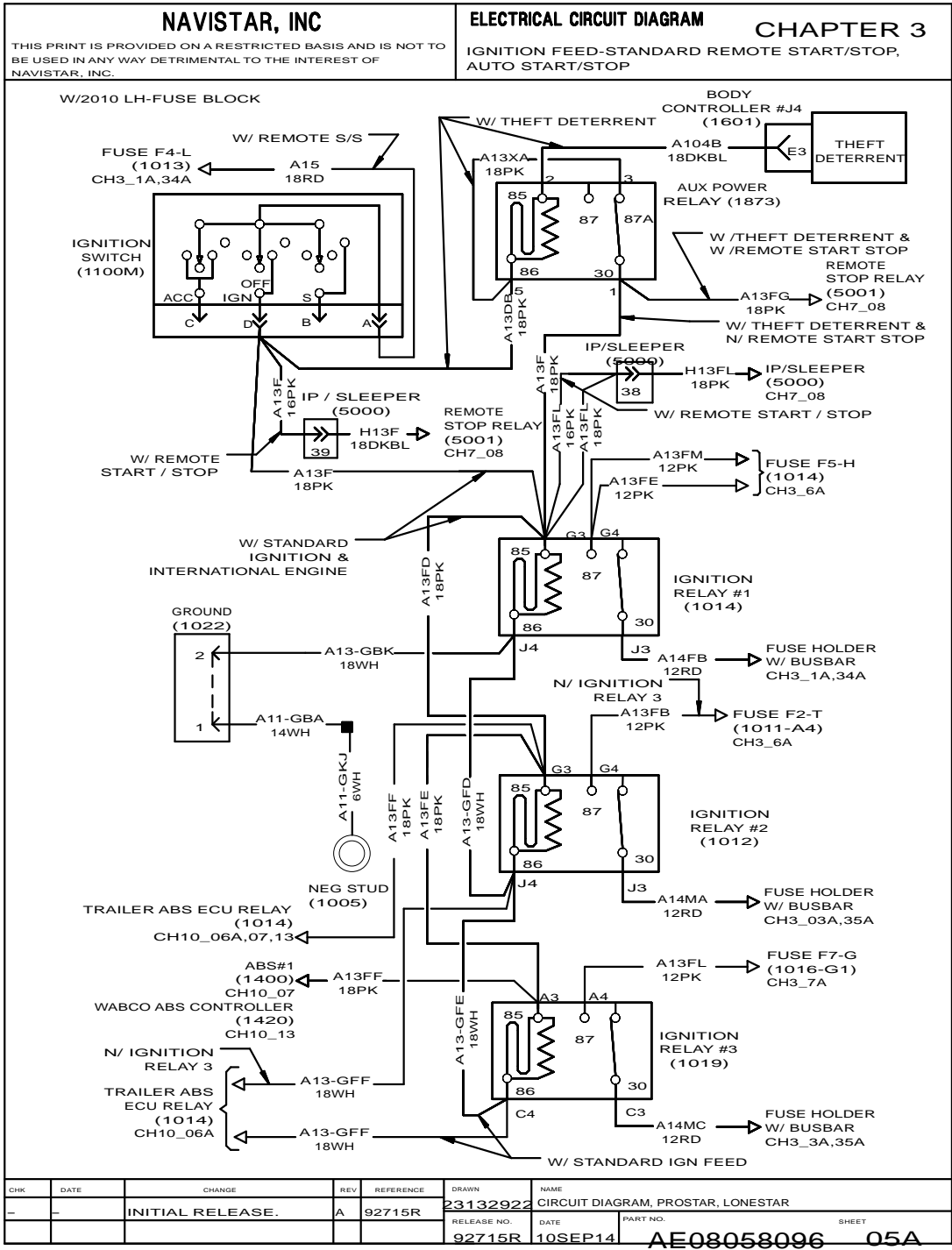


Figure 22 Ignition Feed – Standard Remote Start / Stop, Auto Start / Stop

3.11. IGNITION FEED WITH 500K BAUD RATE, P. 5B

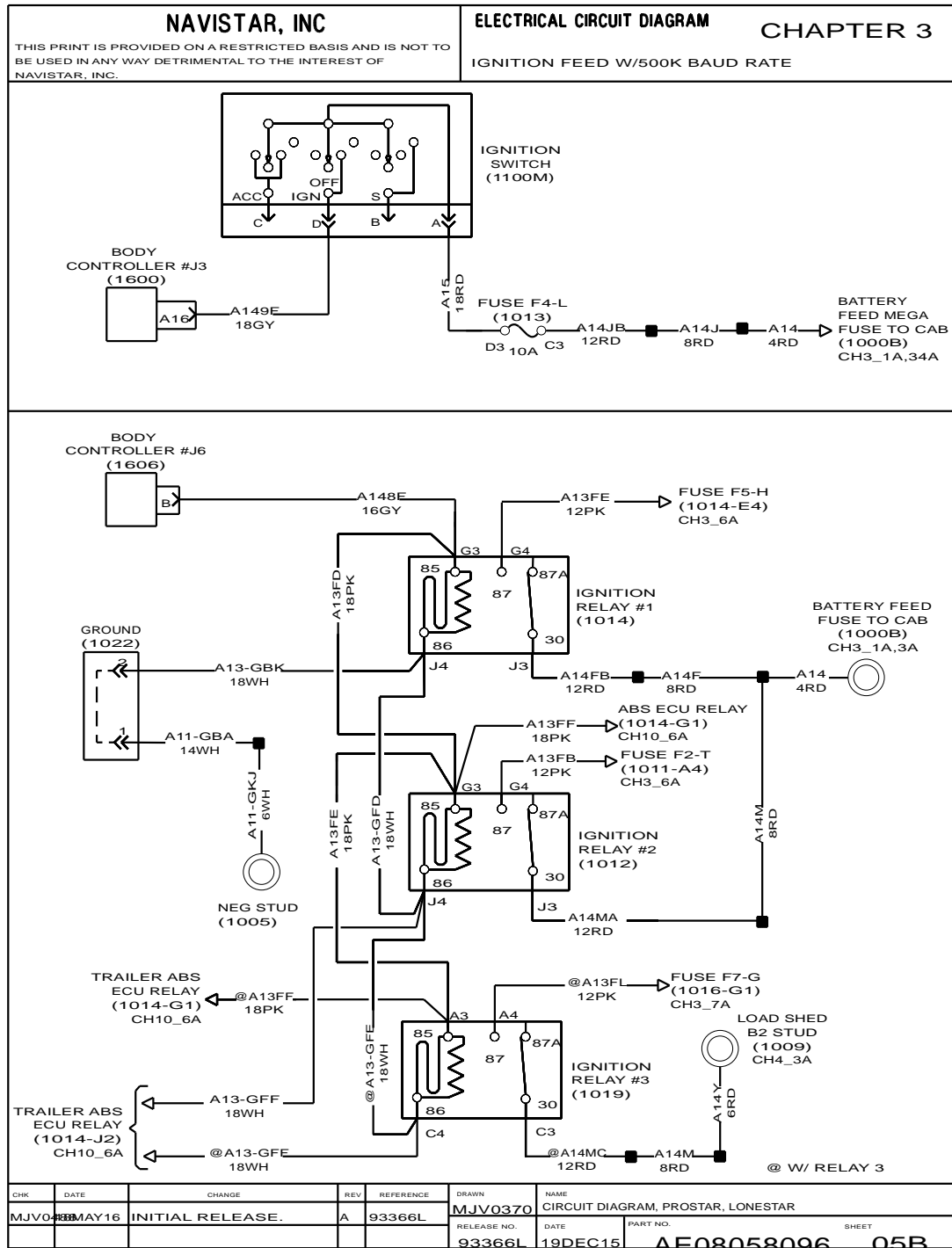


Figure 23 Ignition Feed with 500K Baud Rate

3.12. IGNITION FEED – STANDARD, P. 6

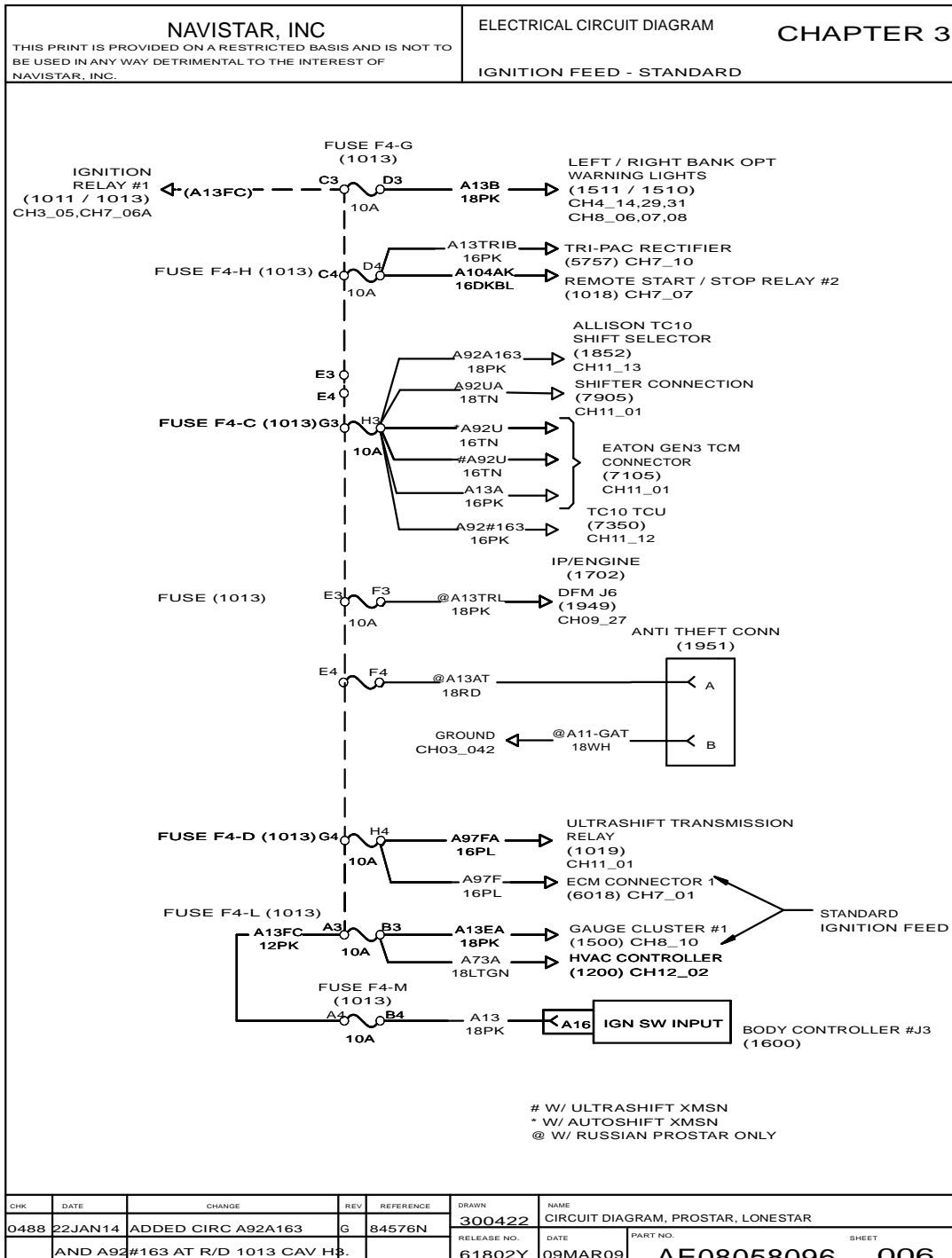


Figure 24 Ignition Feed – Standard

3.13. IGNITION FEED – STANDARD (CONT.), P. 6A

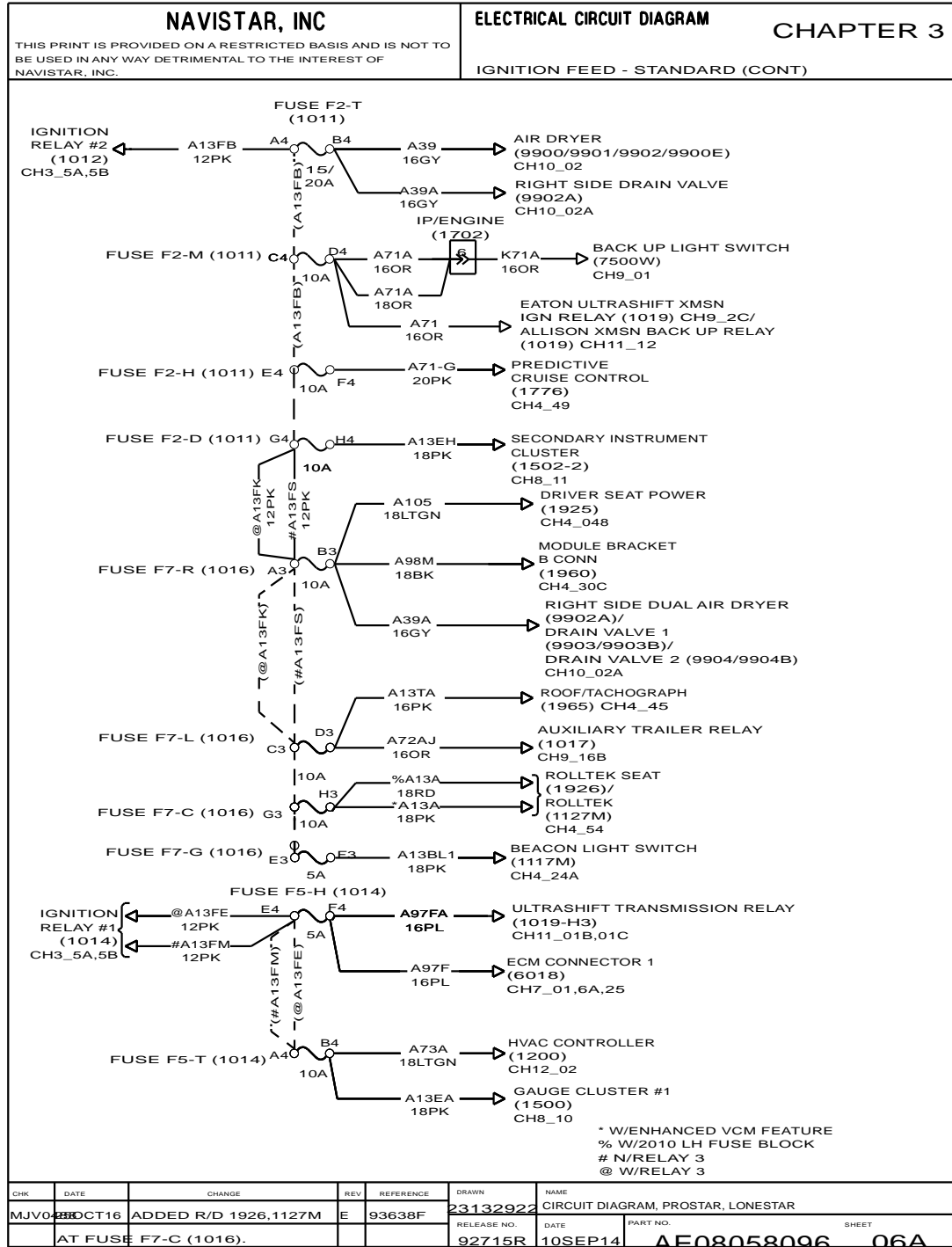


Figure 25 Ignition Feed – Standard (Cont.)

3.14. IGNITION FEED – STANDARD (CONT.), P. 7

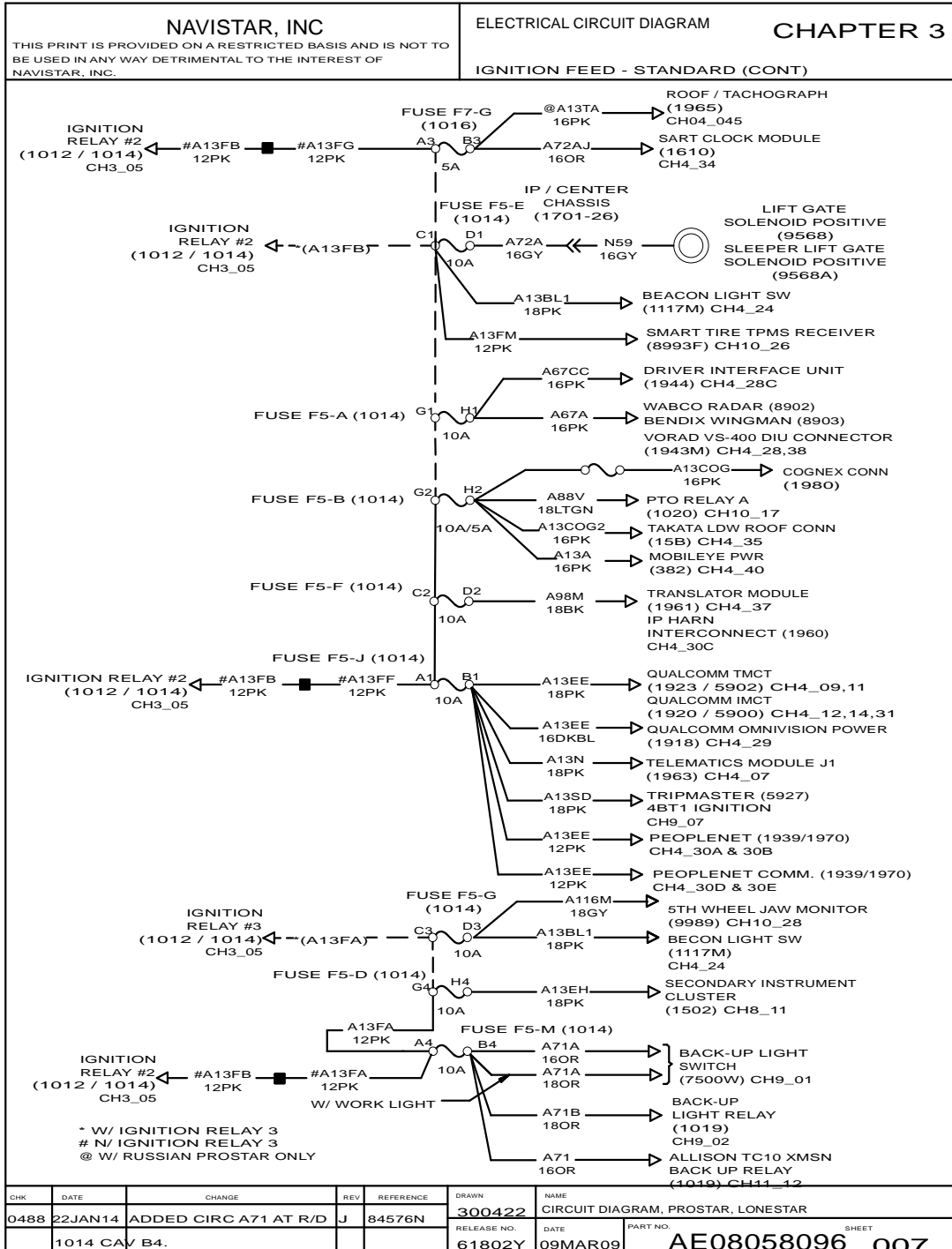


Figure 26 Ignition Feed – Standard (Cont.)



3.15. IGNITION FEED – STANDARD (CONT.), P. 7A

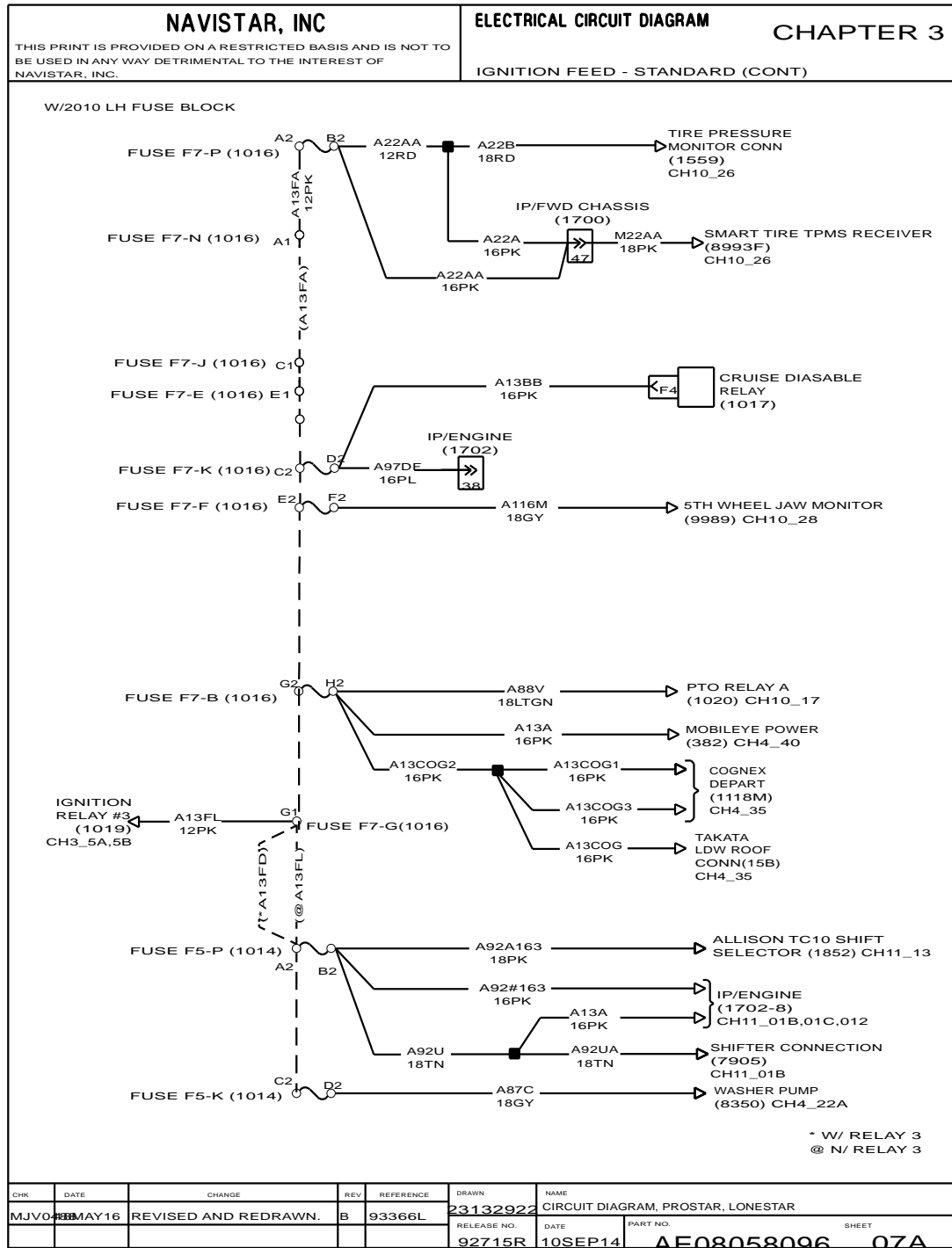


Figure 27 Ignition Feed – Standard (Cont.)

3.16. IGNITION FEED – STANDARD (CONT.), P. 8

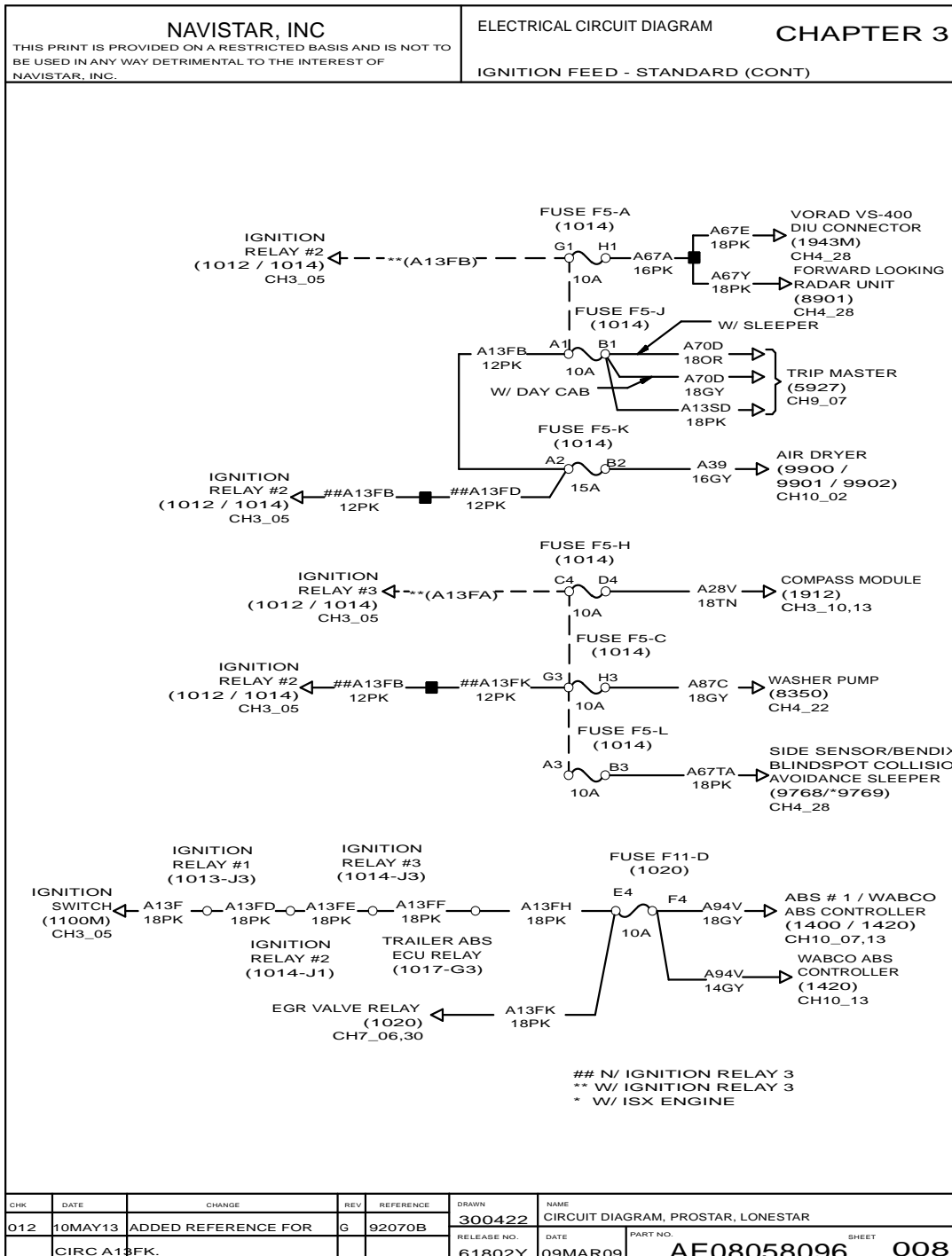


Figure 28 Ignition Feed – Standard (Cont.)

3.17. IGNITION FEED – STANDARD (CONT.), P. 8A

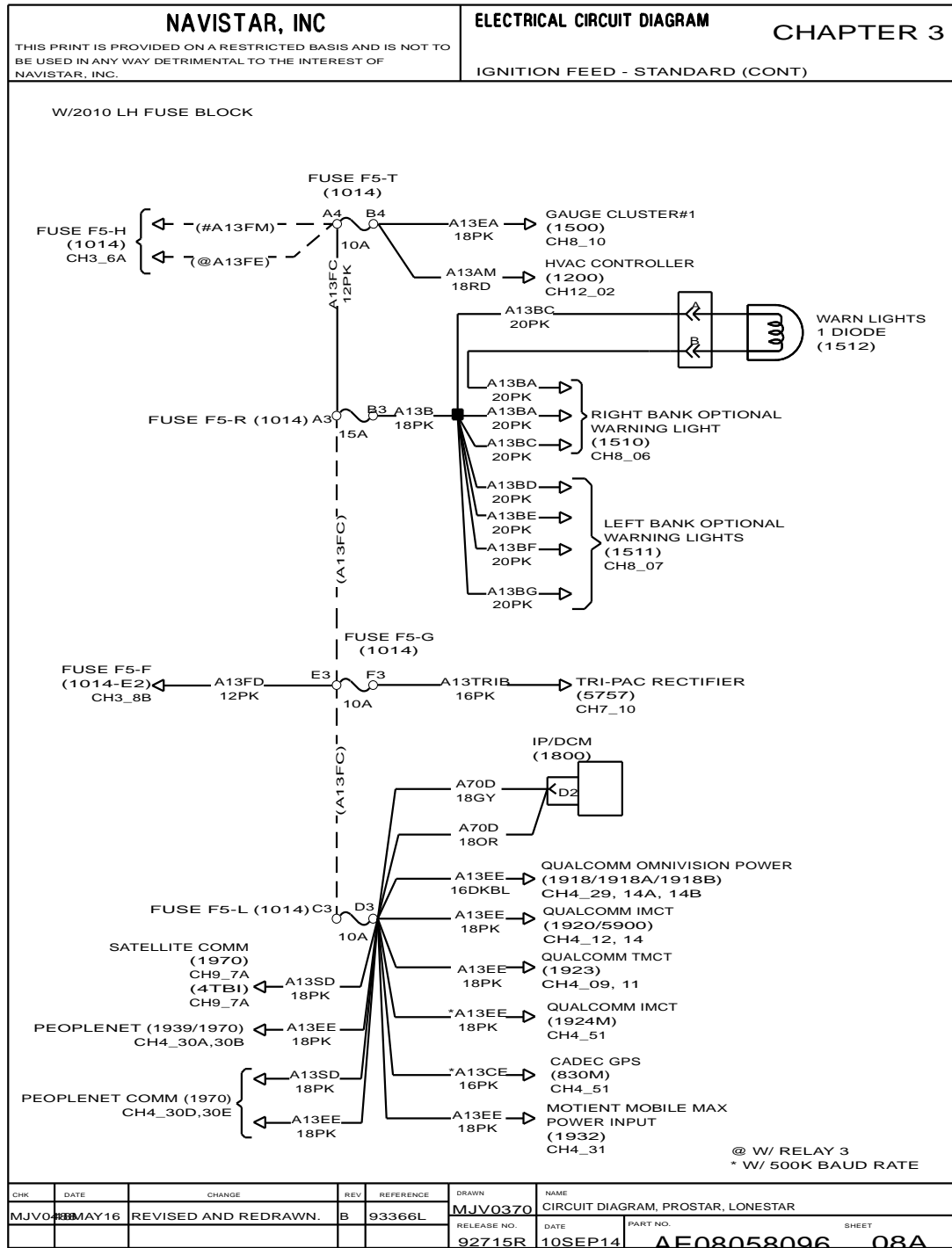


Figure 29 Ignition Feed – Standard (Cont.)

3.18. IGNITION FEED – STANDARD (CONT.), P. 8B

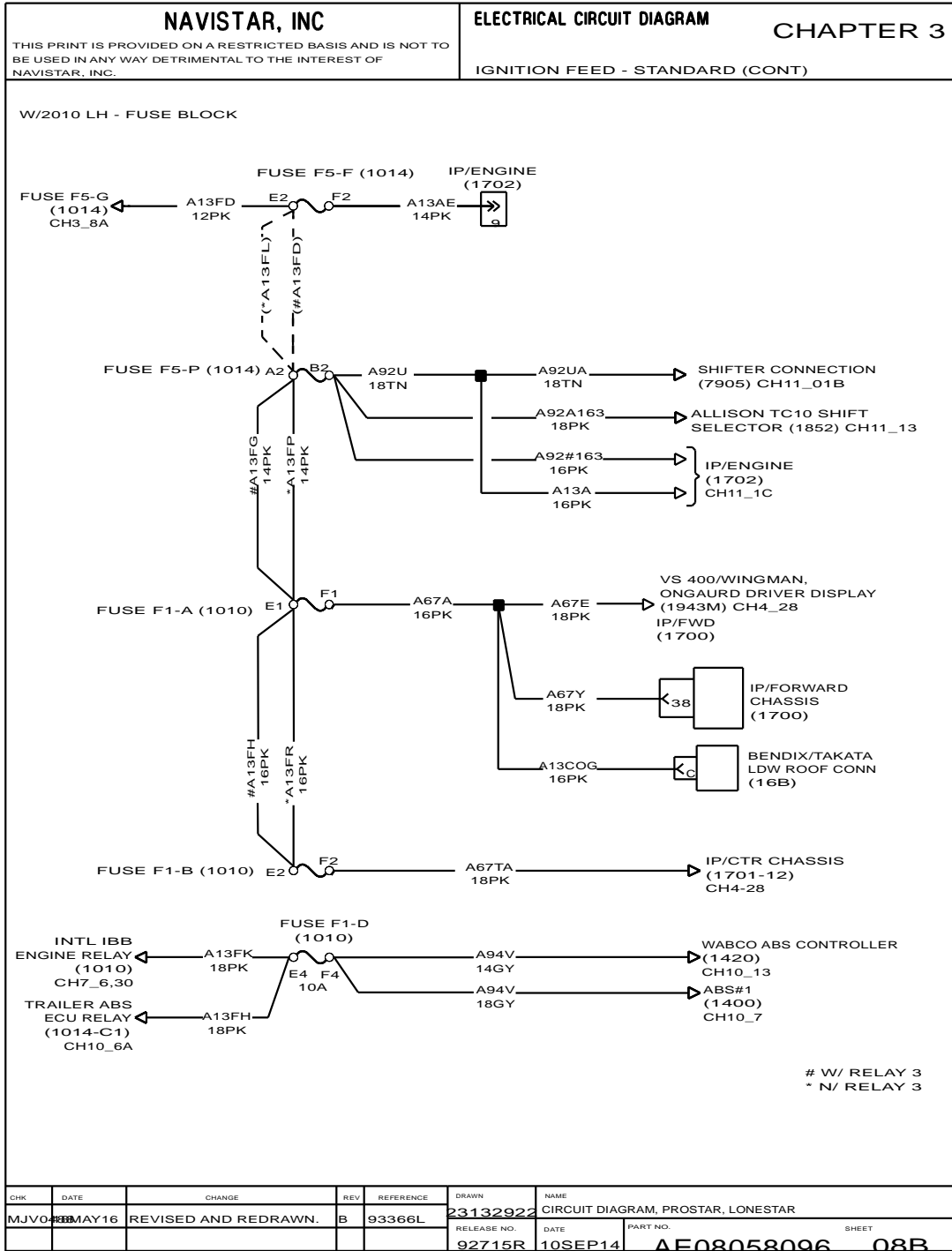


Figure 30 Ignition Feed – Standard (Cont.)

3.19. ACCESSORY FEED, P. 9

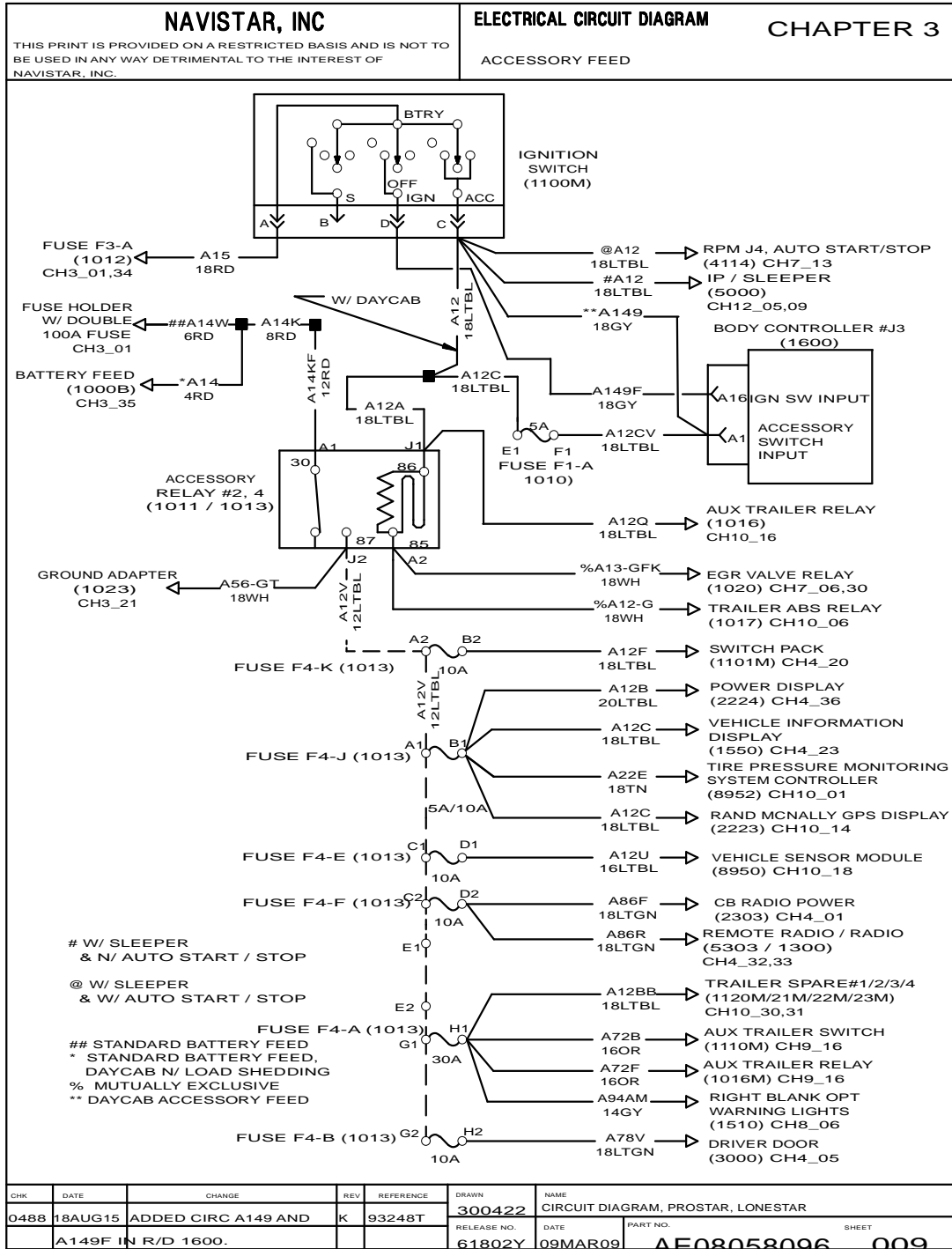


Figure 31 Accessory Feed

3.20. ACCESSORY FEED (CONT.), P. 9A

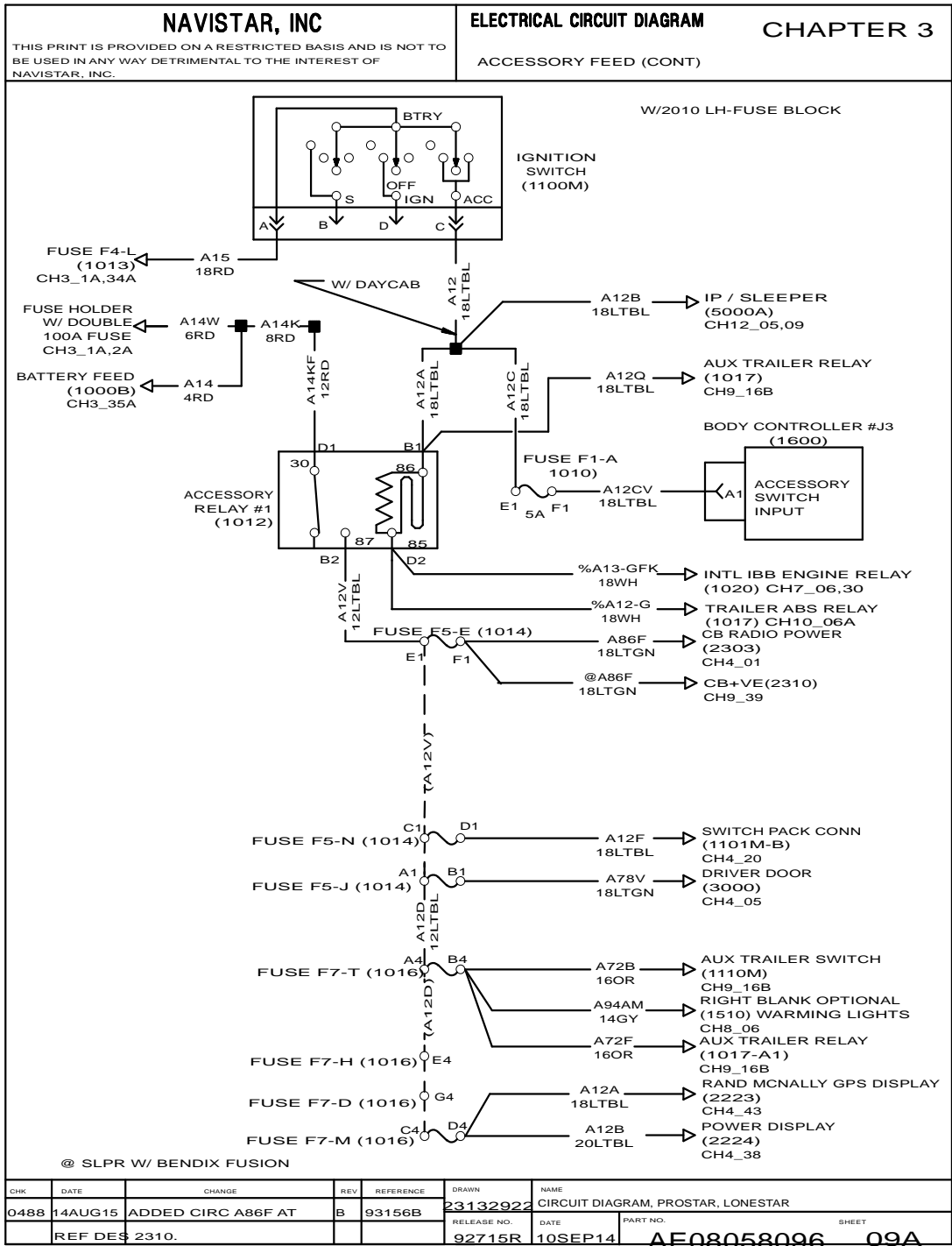


Figure 32 Accessory Feed (Cont.)

3.21. ACCESSORY FEED WITH 500K BAUD RATE, P. 9B

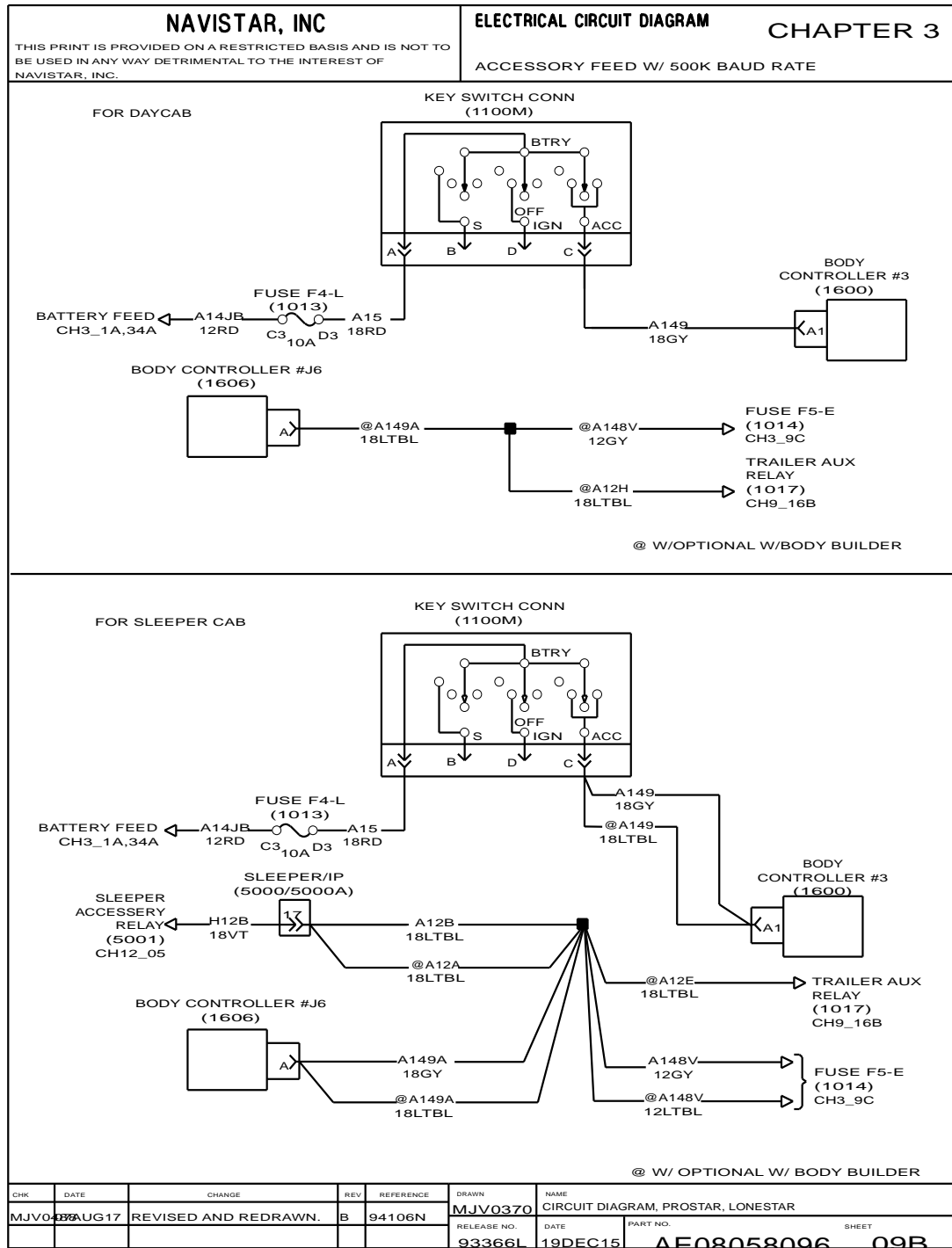


Figure 33 Accessory Feed with 500K Baud Rate

3.22. ACCESSORY FEED WITH 500K BAUD RATE (CONT.), P. 9C

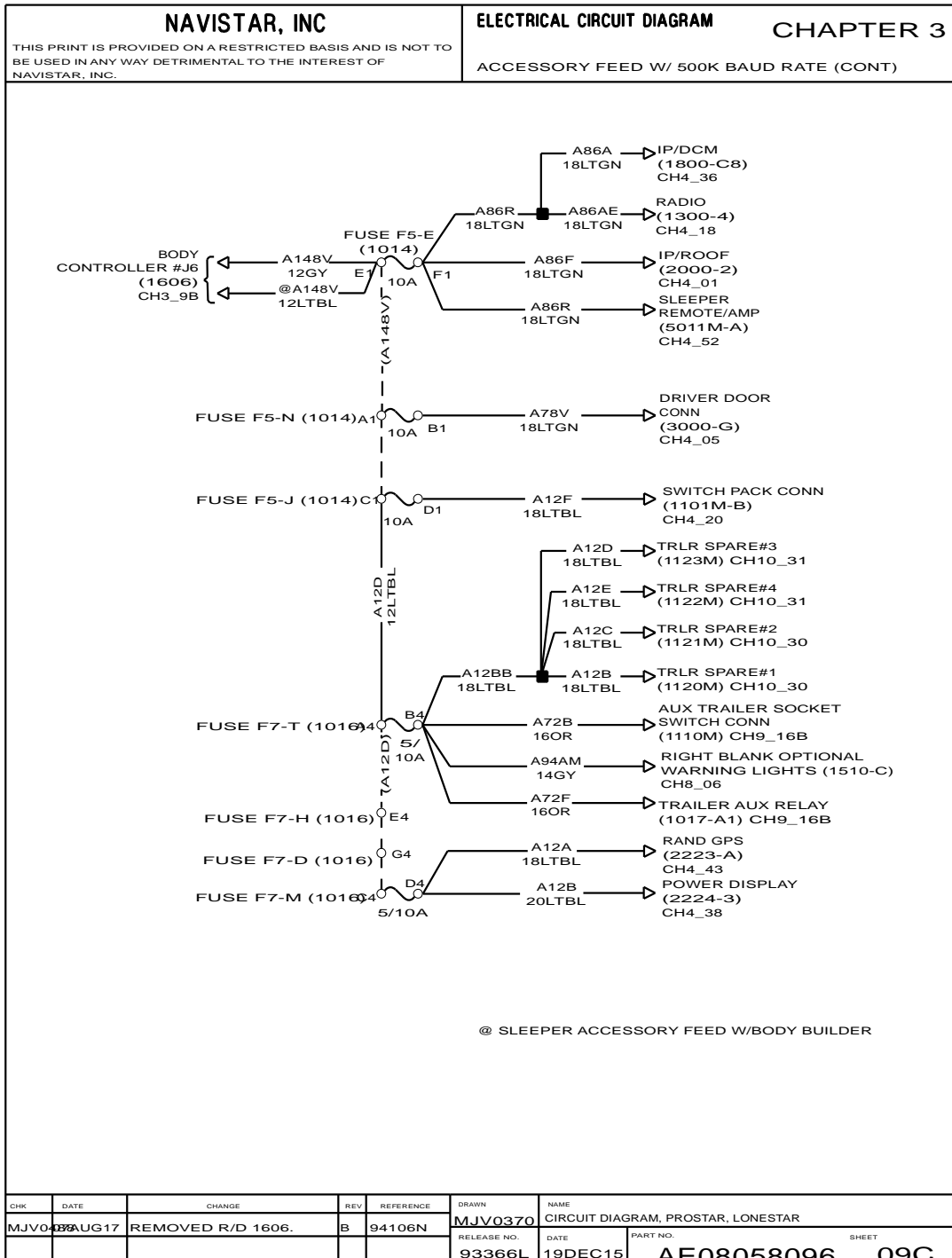


Figure 34 Accessory Feed with 500K Baud Rate (Cont.)



3.23. CAB J1939 – COMPASS AND ANTILOCK BRAKING SYSTEM EFFECTS, P. 10

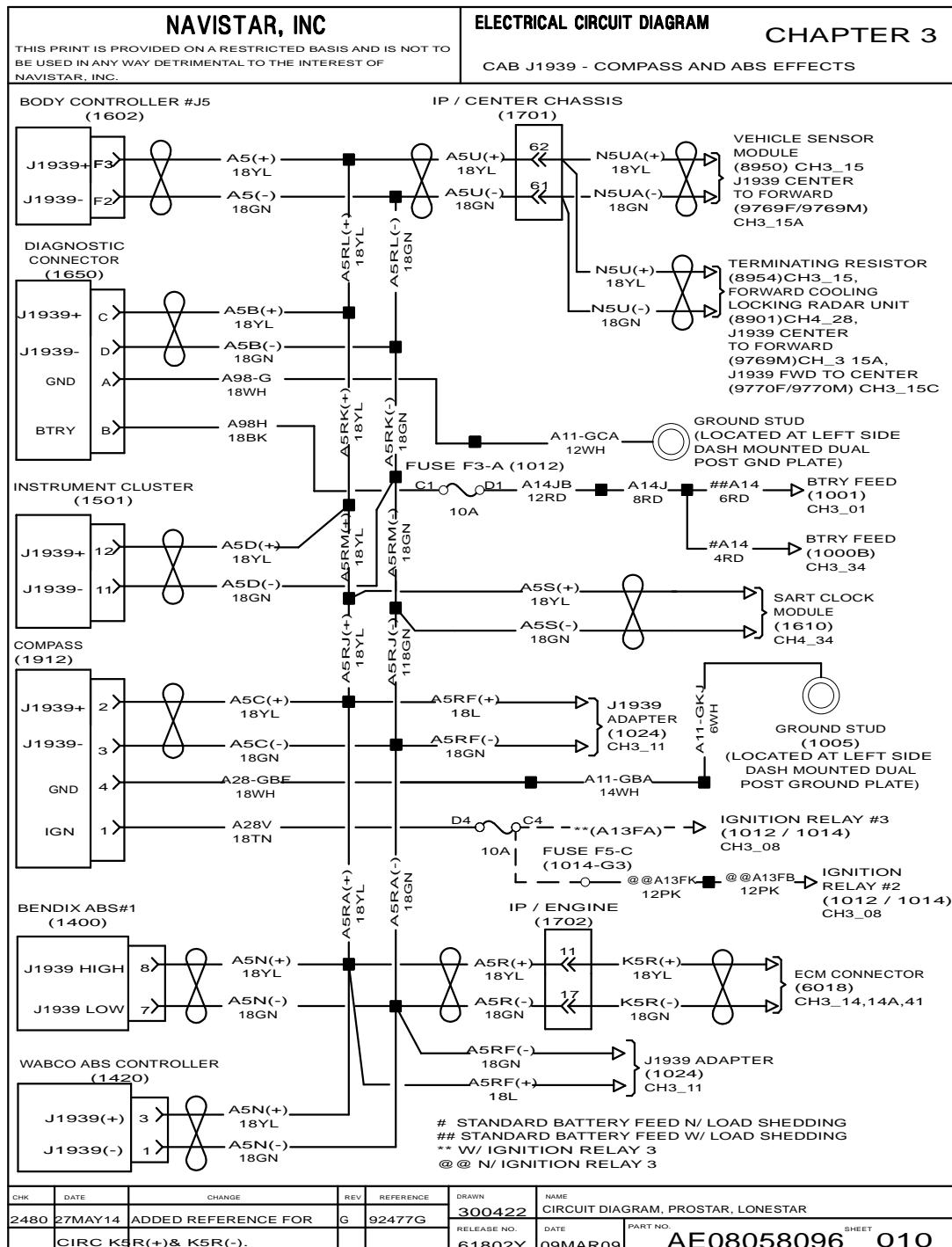


Figure 35 Cab J1939 – Compass and Antilock Braking System Effects

3.24. CAB J1939 WITH ALL OPTIONS, P. 11

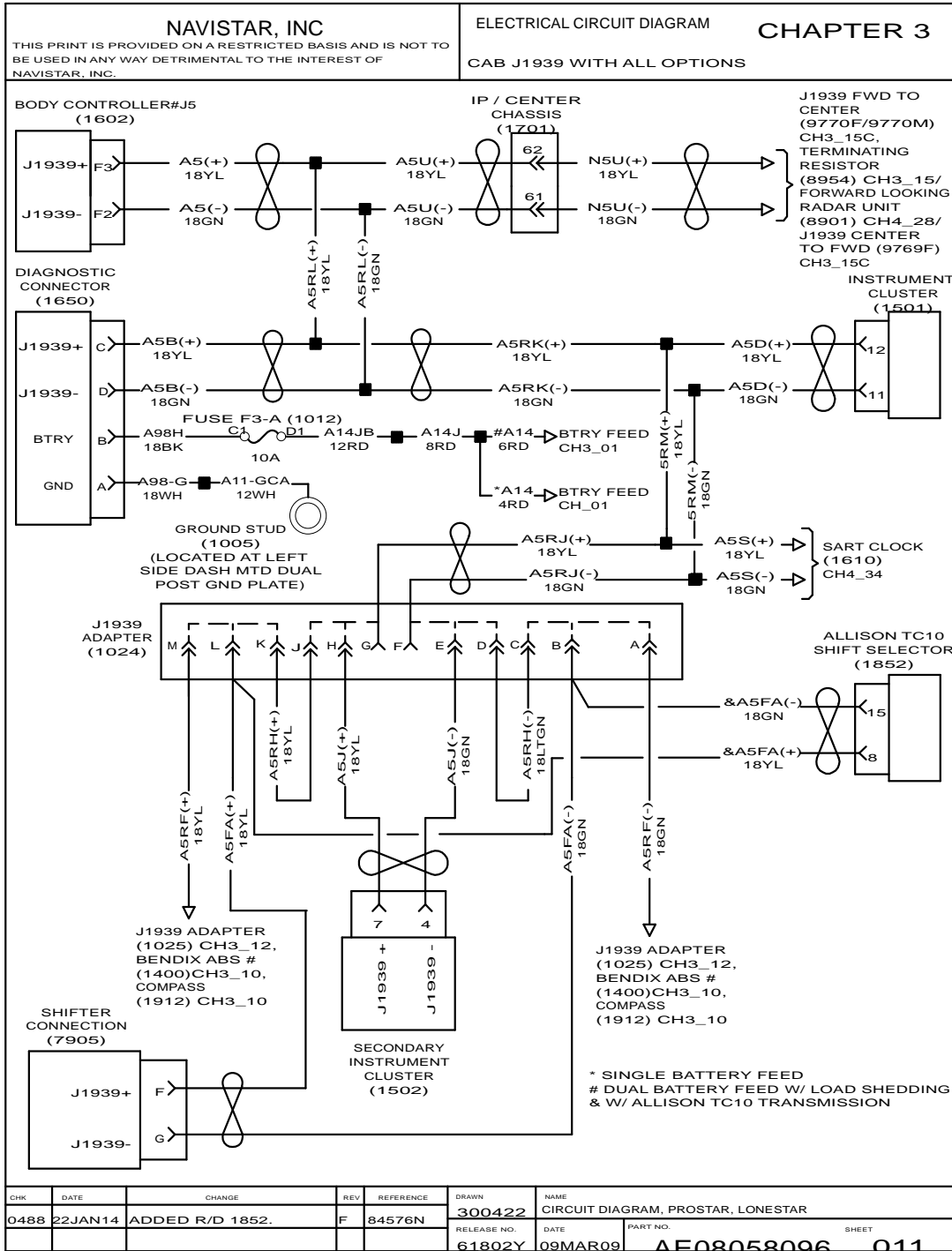


Figure 36 Cab J1939 with All Options

3.25. J1939 DATA LINK WITH ROLLTEK SEAT WIRING, P. 11A

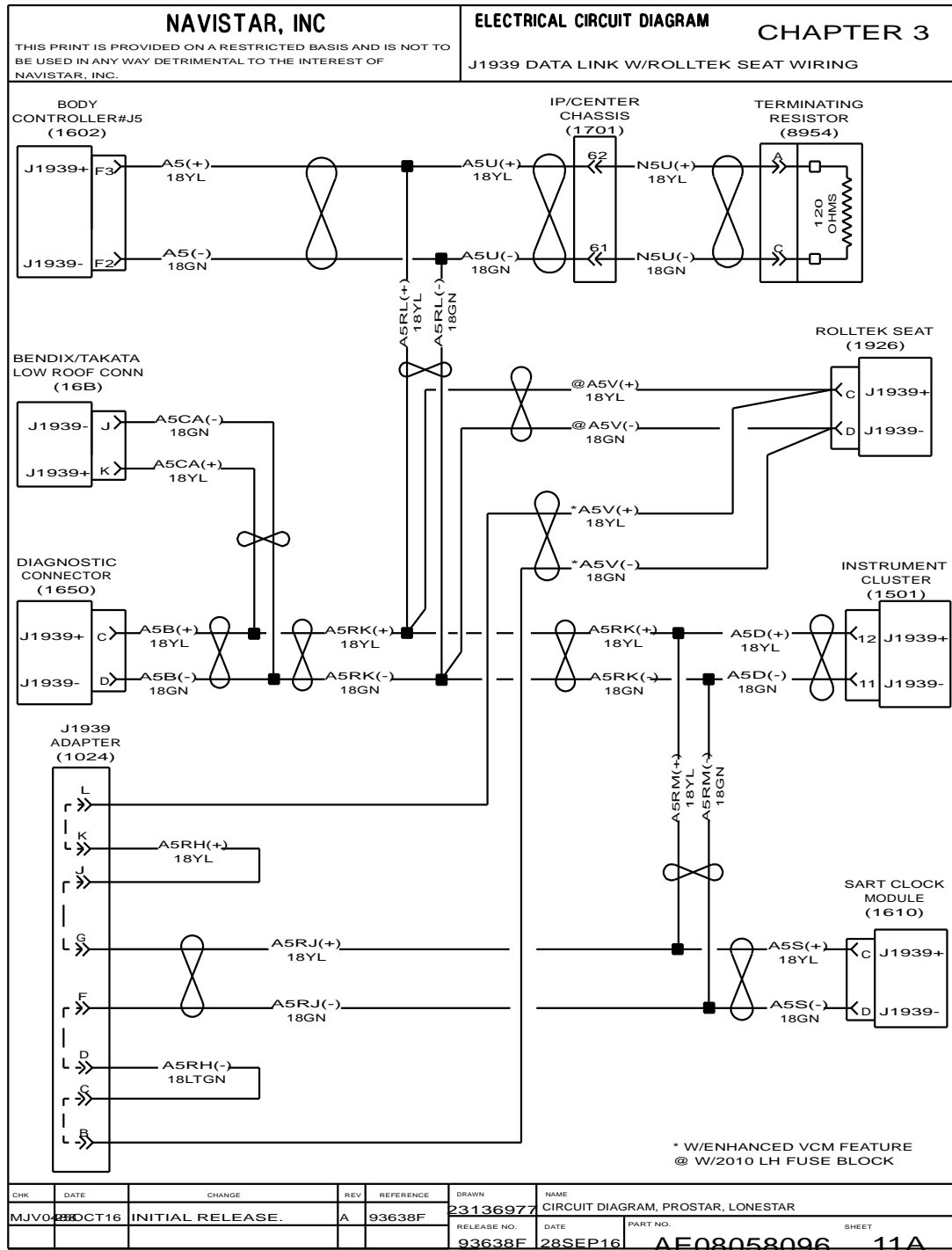


Figure 37 J1939 Data Link with Rolltek Seat Wiring

3.26. CAB J1939 WITH ALL OPTIONS (CONT.), P. 12

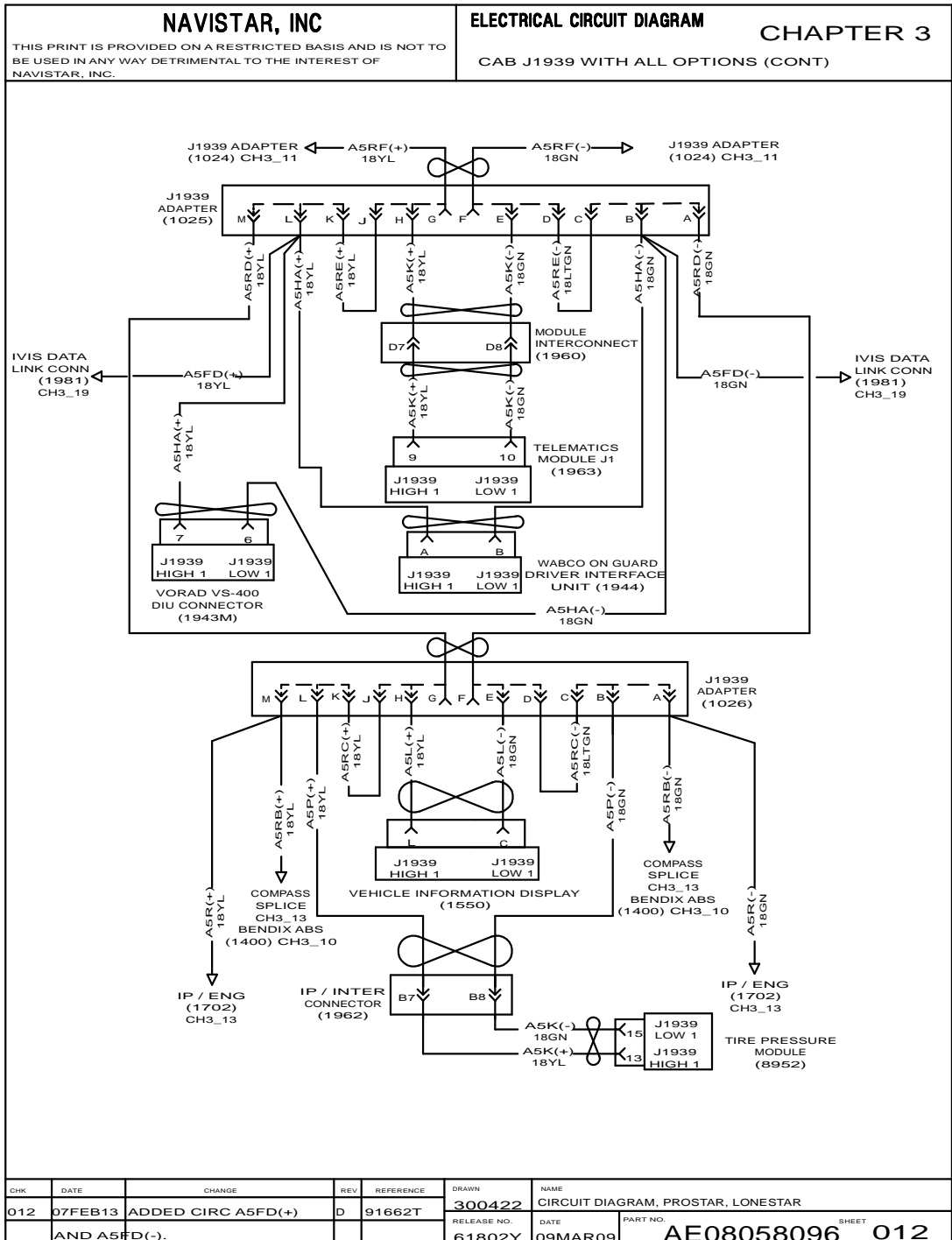


Figure 38 Cab J1939 with All Options (Cont.)

3.27. CAB J1939 WITH ALL OPTIONS (CONT.), P. 13

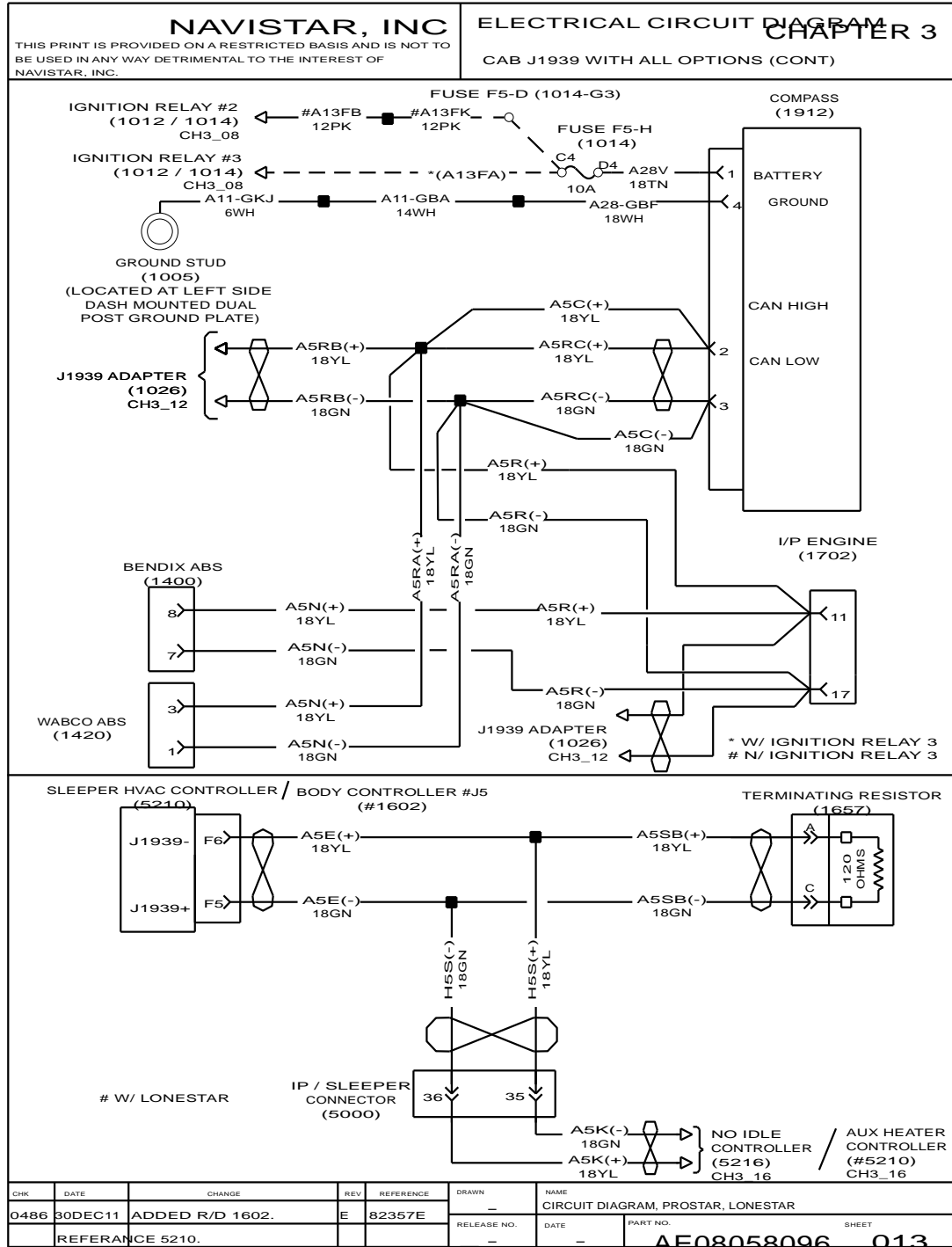


Figure 39 Cab J1939 with All Options (Cont.)

3.28. CAB J1939 WITH ALL OPTIONS (CONT.), P. 13A

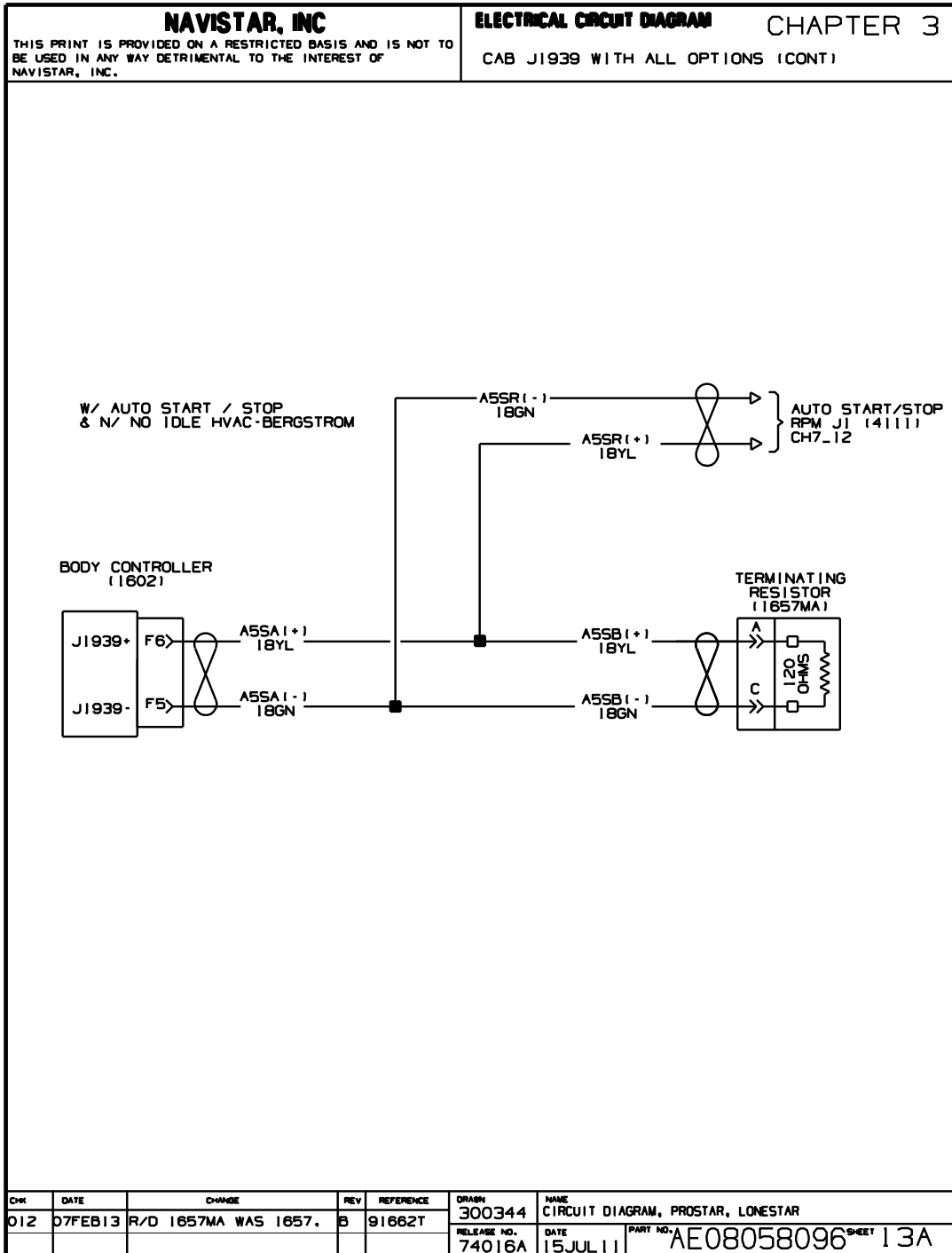


Figure 40 Cab J1939 with All Options (Cont.)

3.29. CAB J1939 ENGINE WITH ALL OPTIONS (CONT.), P. 13B

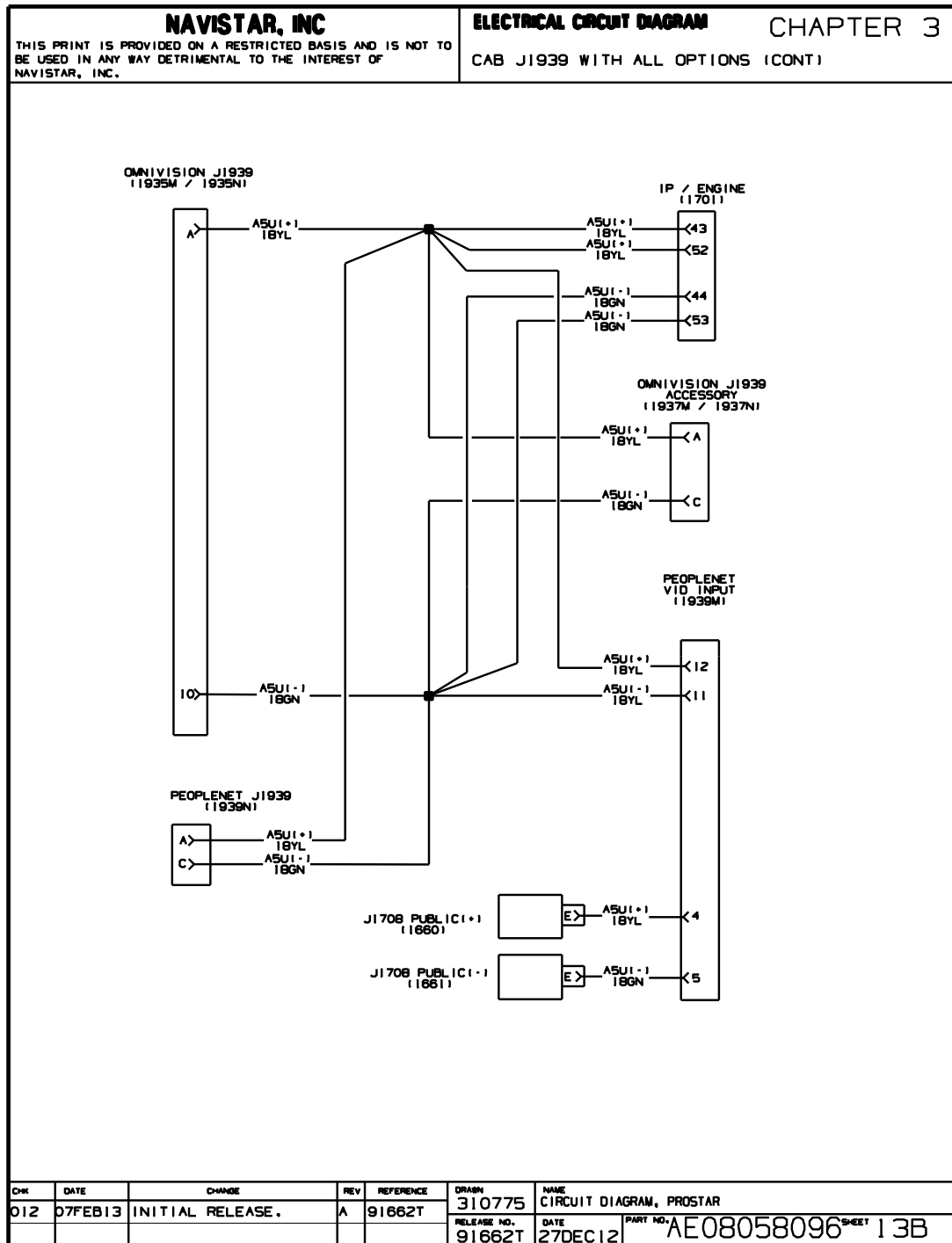


Figure 41 Cab J1939 Engine with All Options (Cont.)

3.30. CAB J1939 ENGINE, P. 14

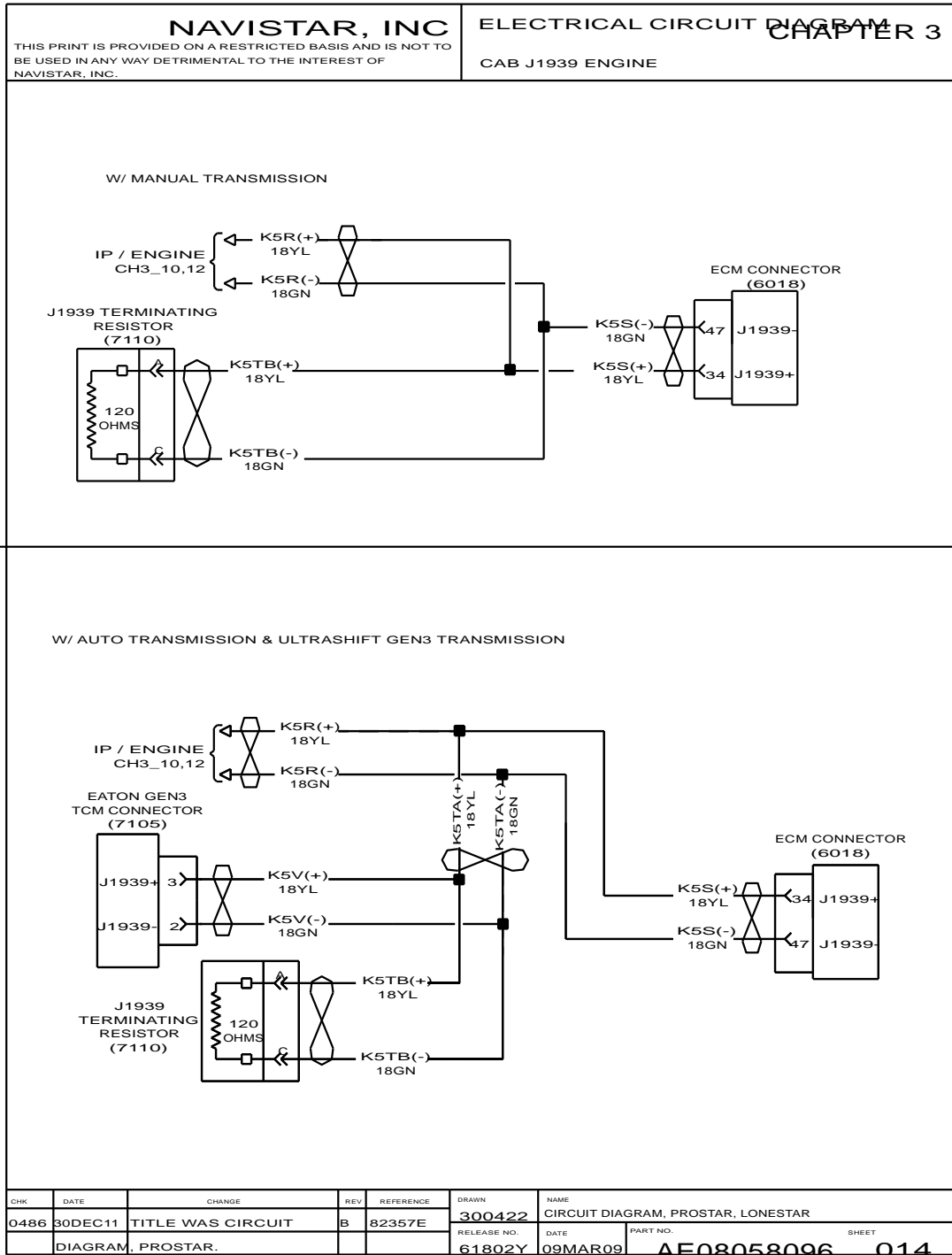


Figure 42 Cab J1939 Engine



3.31. CAB J1939 ENGINE – ISX, P. 14A

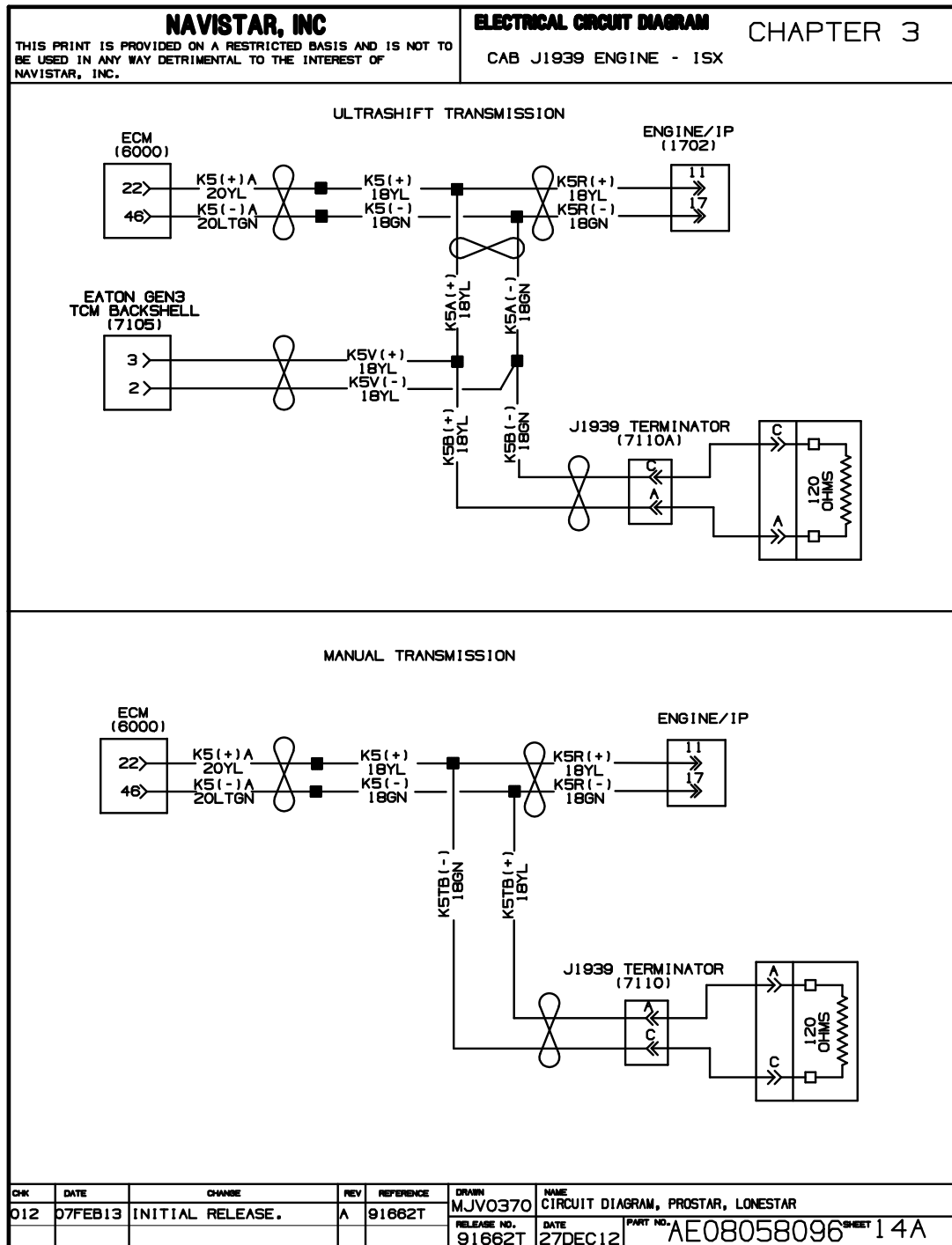


Figure 43 Cab J1939 Engine – ISX

3.32. J1939 CHASSIS, P. 15

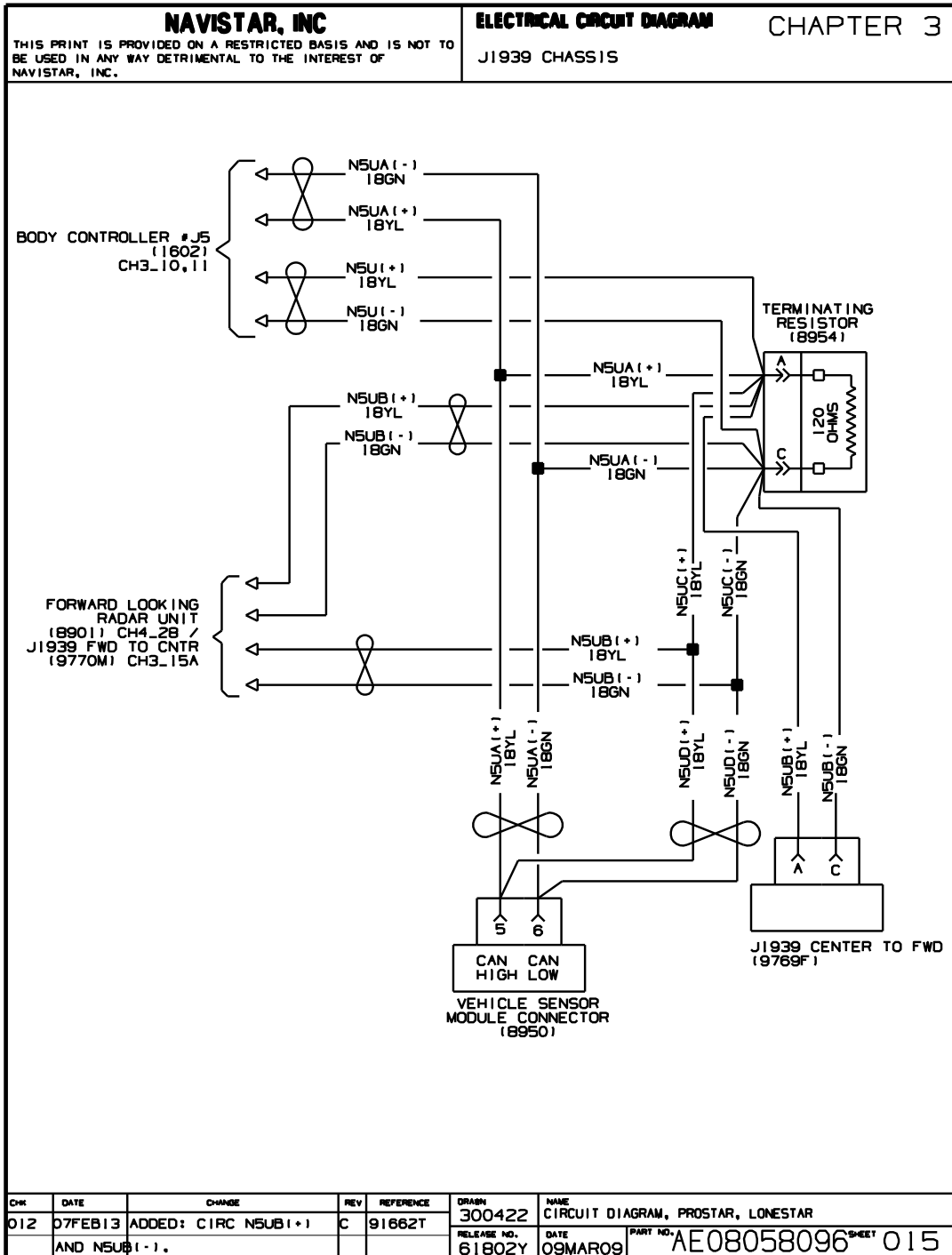


Figure 44 J1939 Chassis

3.33. J1939 CHASSIS (CONT.), P. 15A

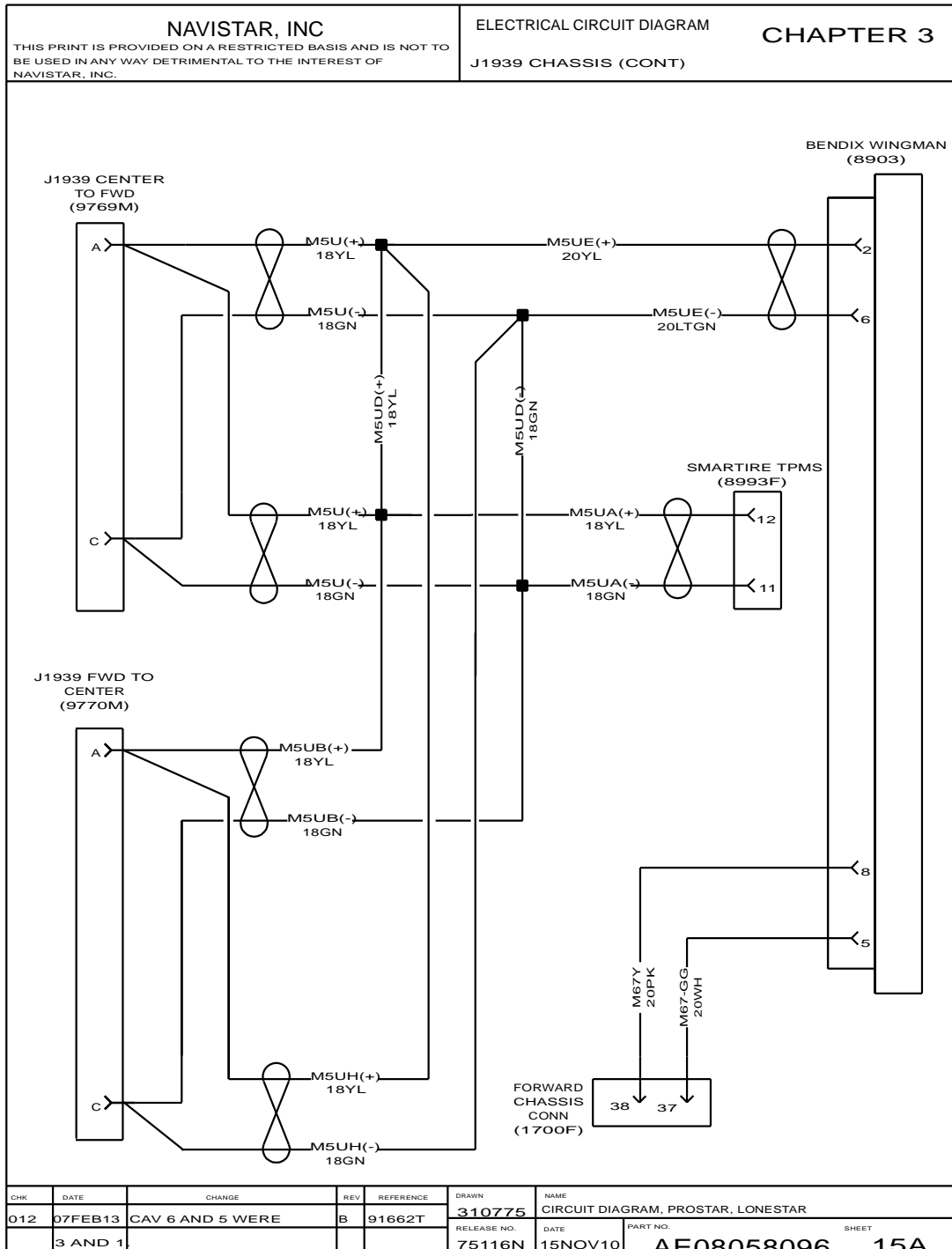


Figure 45 J1939 Chassis (Cont.)

3.34. J1939 CHASSIS (CONT.), P. 15B

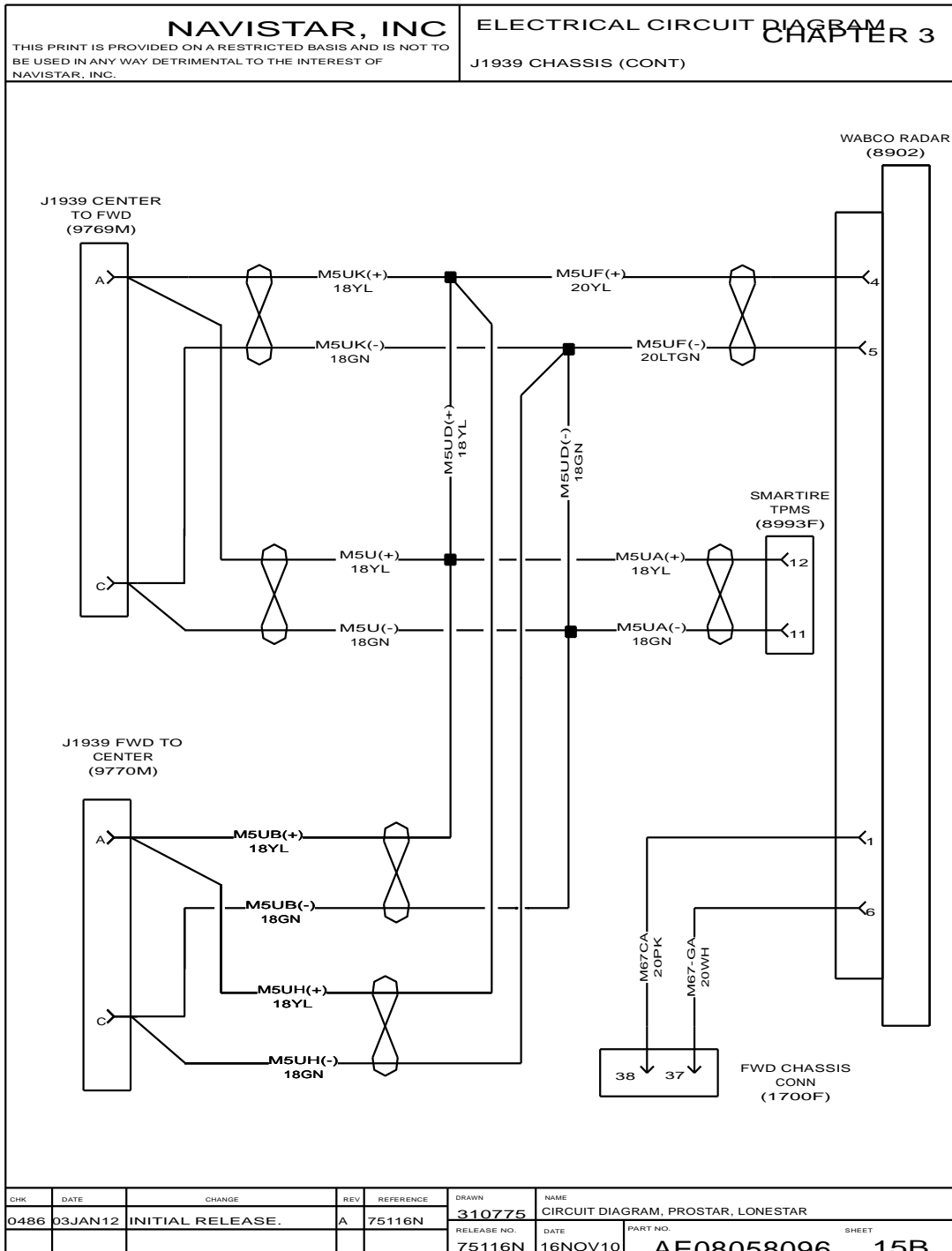


Figure 46 J1939 Chassis (Cont.)

3.35. J1939 CHASSIS (CONT.), P. 15C

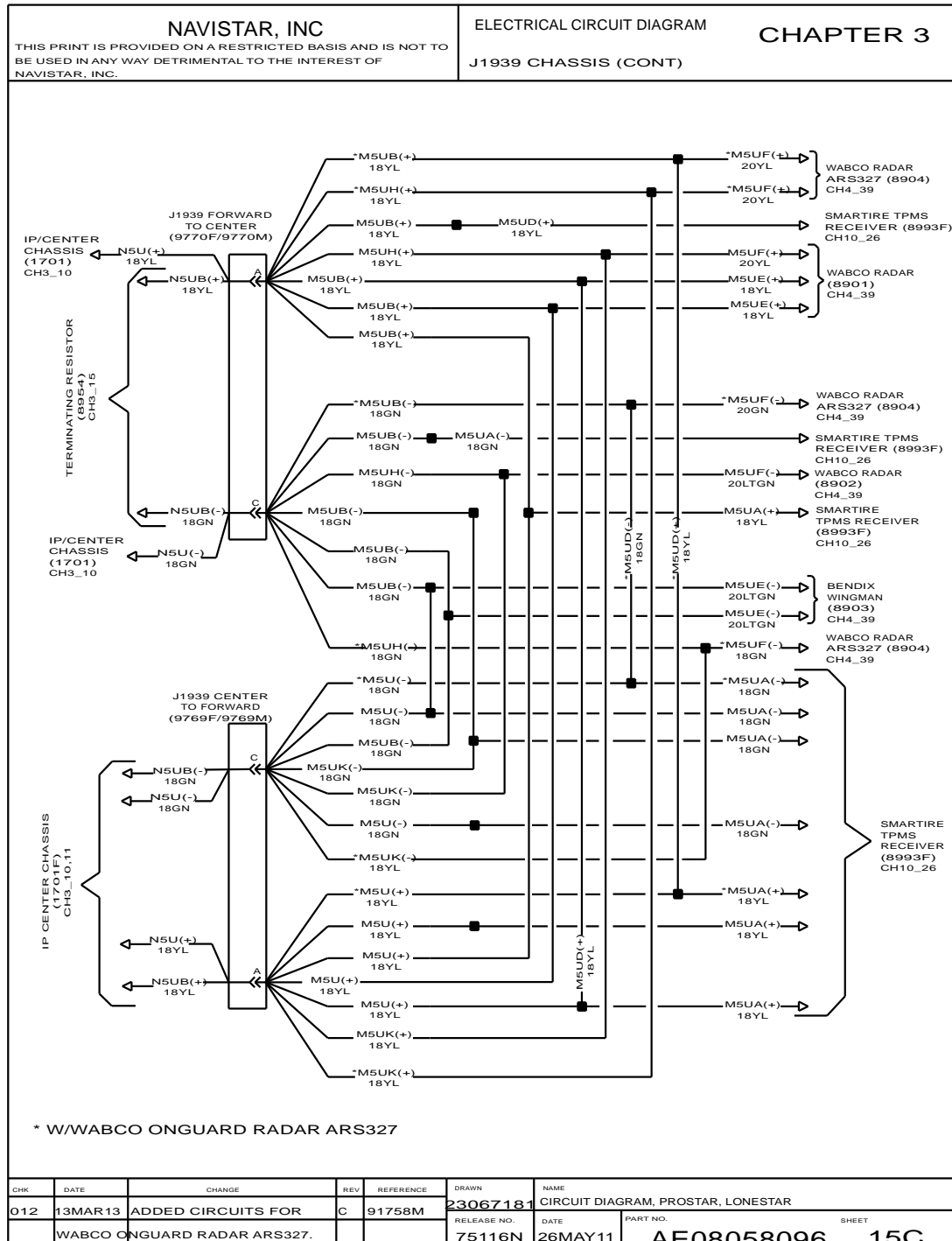


Figure 47 J1939 Chassis (Cont.)

3.36. J1939 CHASSIS (CONT.), P. 15D

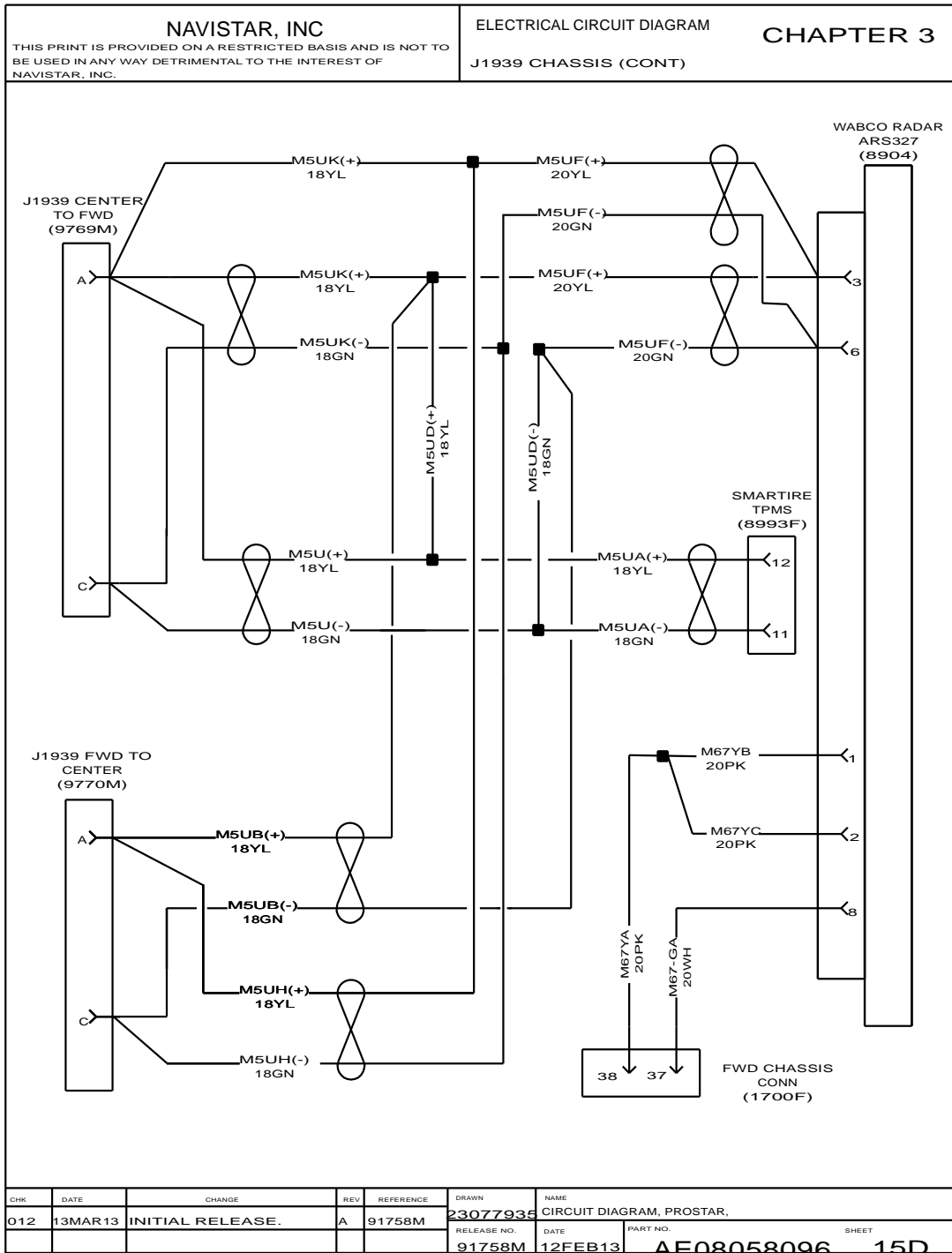


Figure 48 J1939 Chassis (Cont.)

3.37. J1939 WITH SLEEPER, P. 16

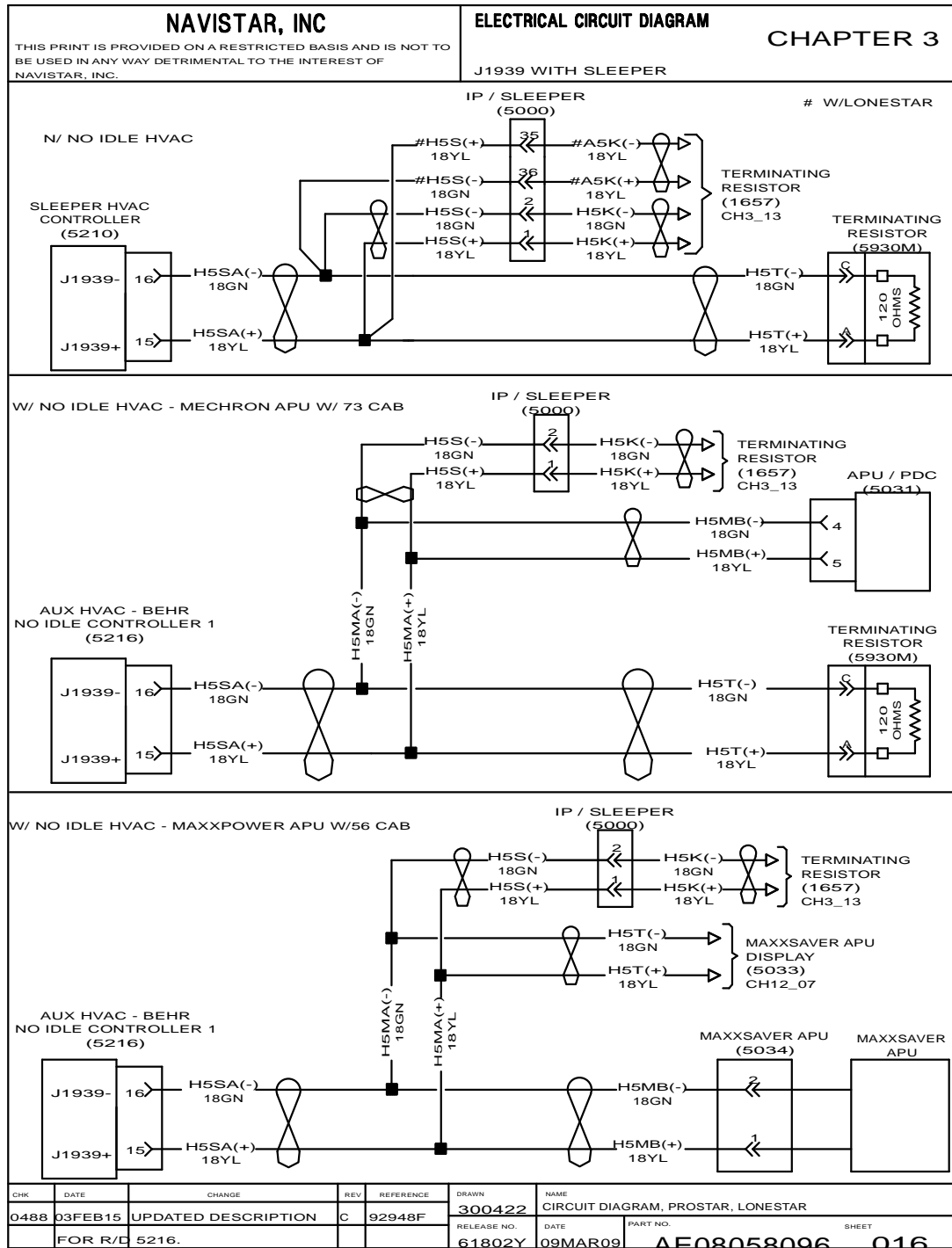


Figure 49 J1939 with Sleeper

3.38. J1939 WITH SLEEPER (CONT.), P. 16A

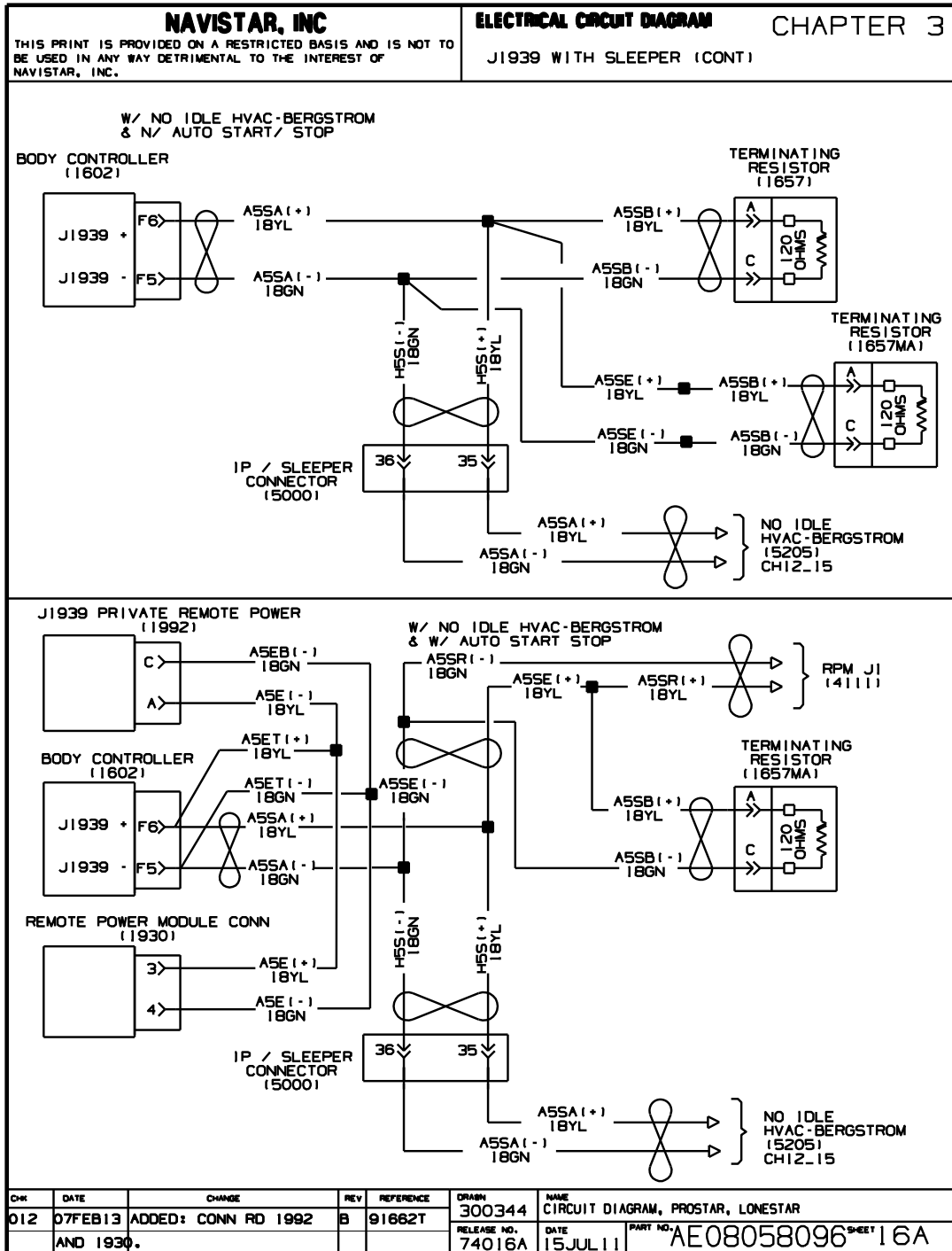


Figure 50 J1939 with Sleeper (Cont.)



3.39. J1708 PRIVATE, P. 17

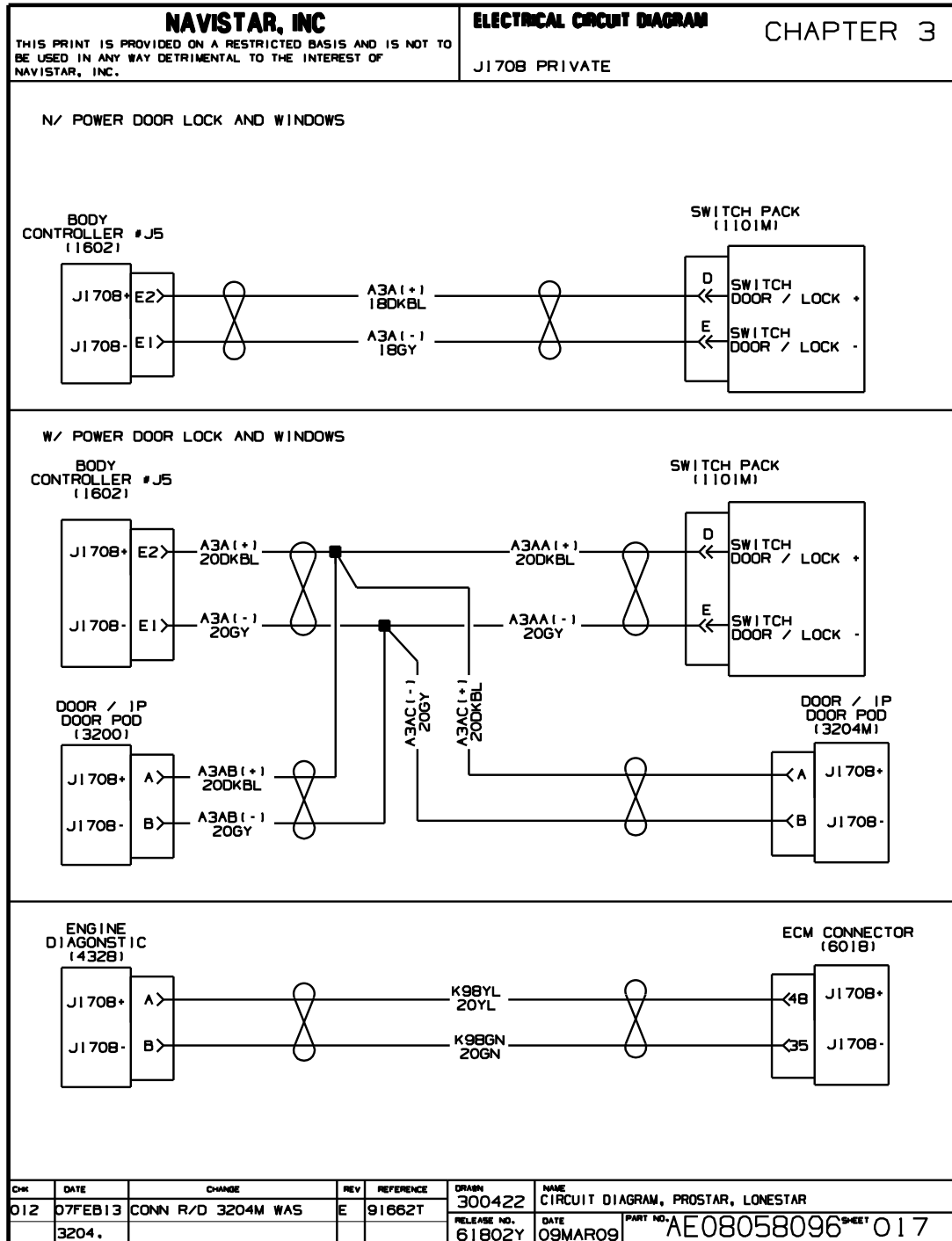


Figure 51 J1708 Private

3.40. J1708 PUBLIC, P. 18

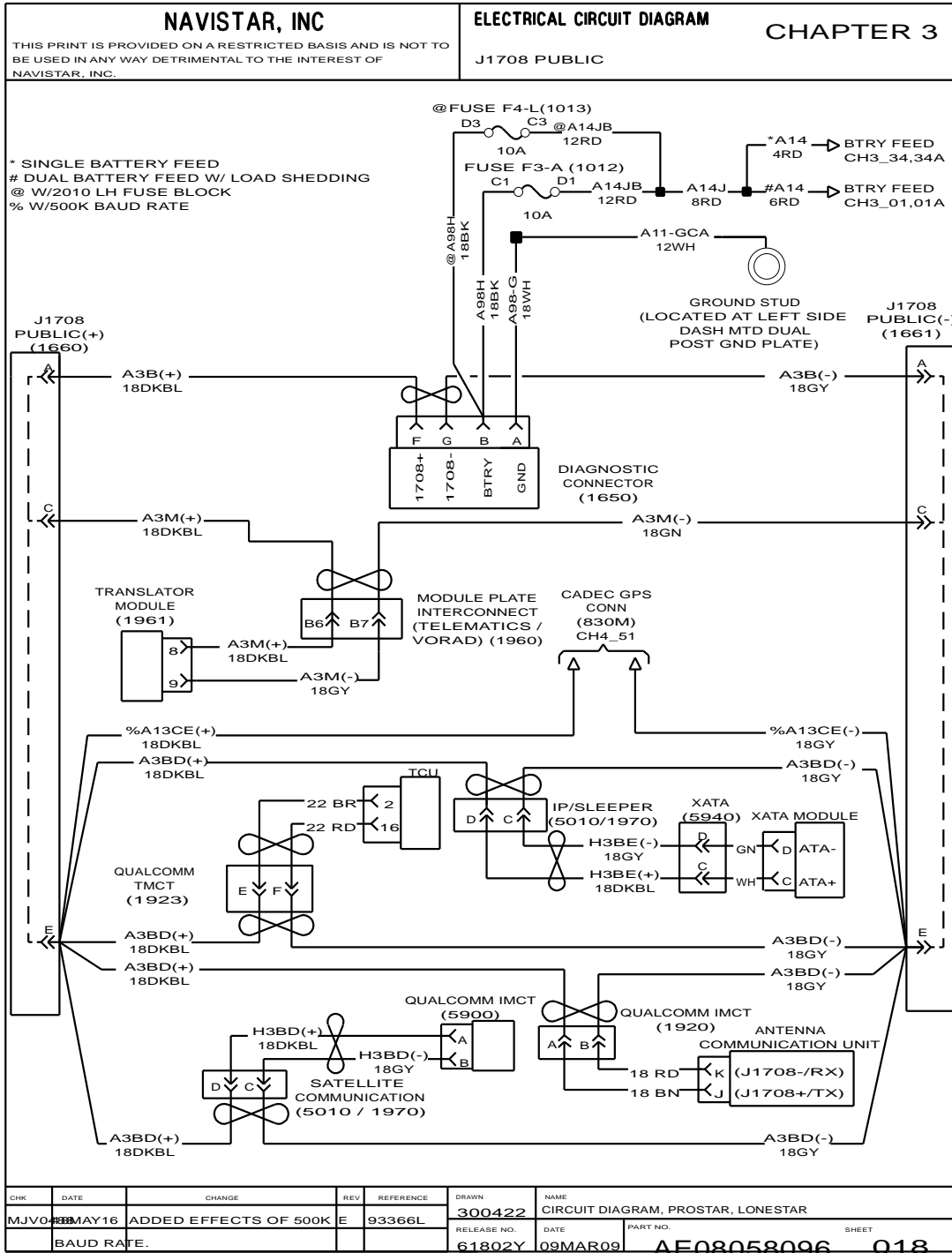


Figure 52 J1708 Public

3.41. J1708 PUBLIC (CONT.), P. 19

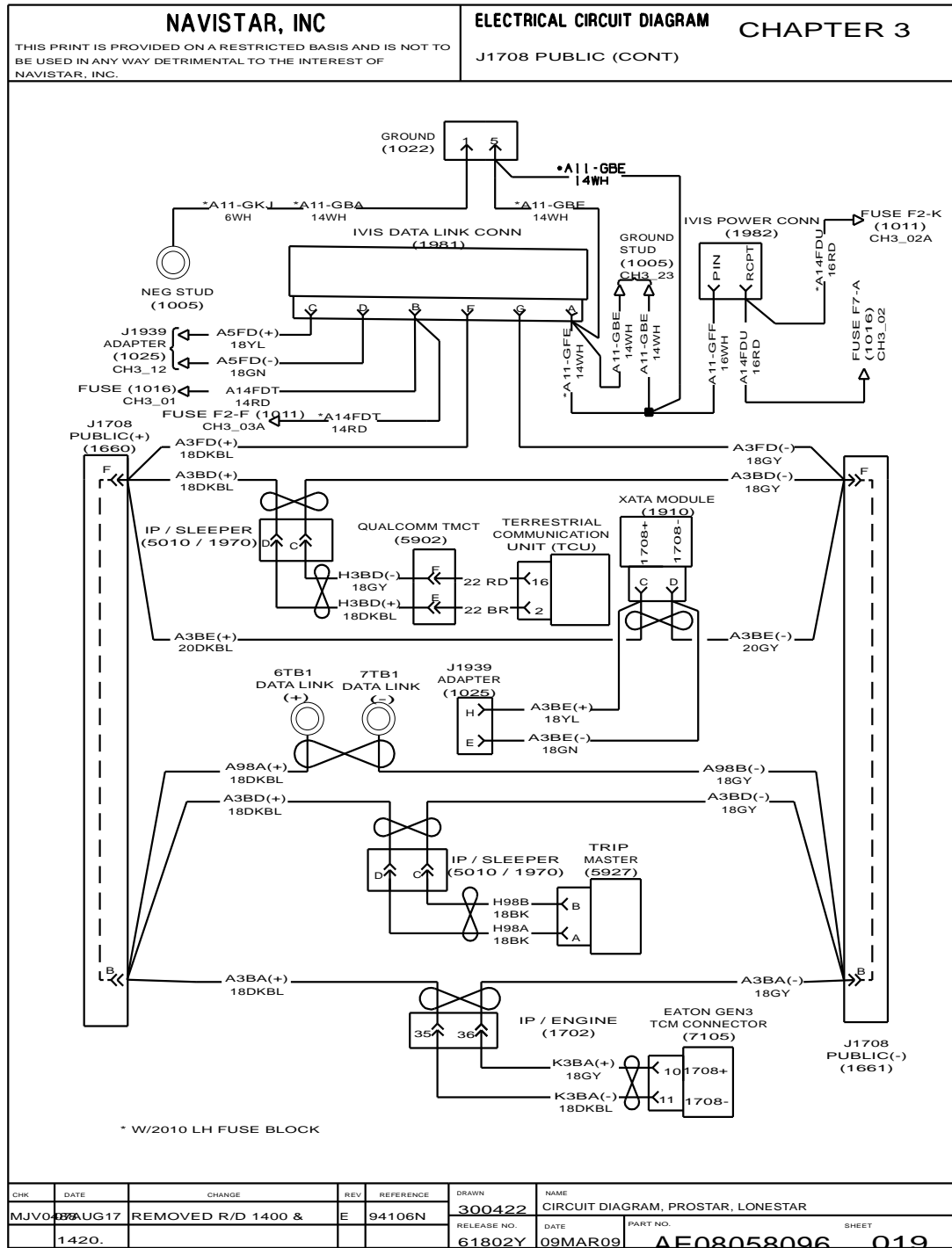


Figure 53 J1708 Public (Cont.)

3.42. J1708 PUBLIC (CONT.), P. 20

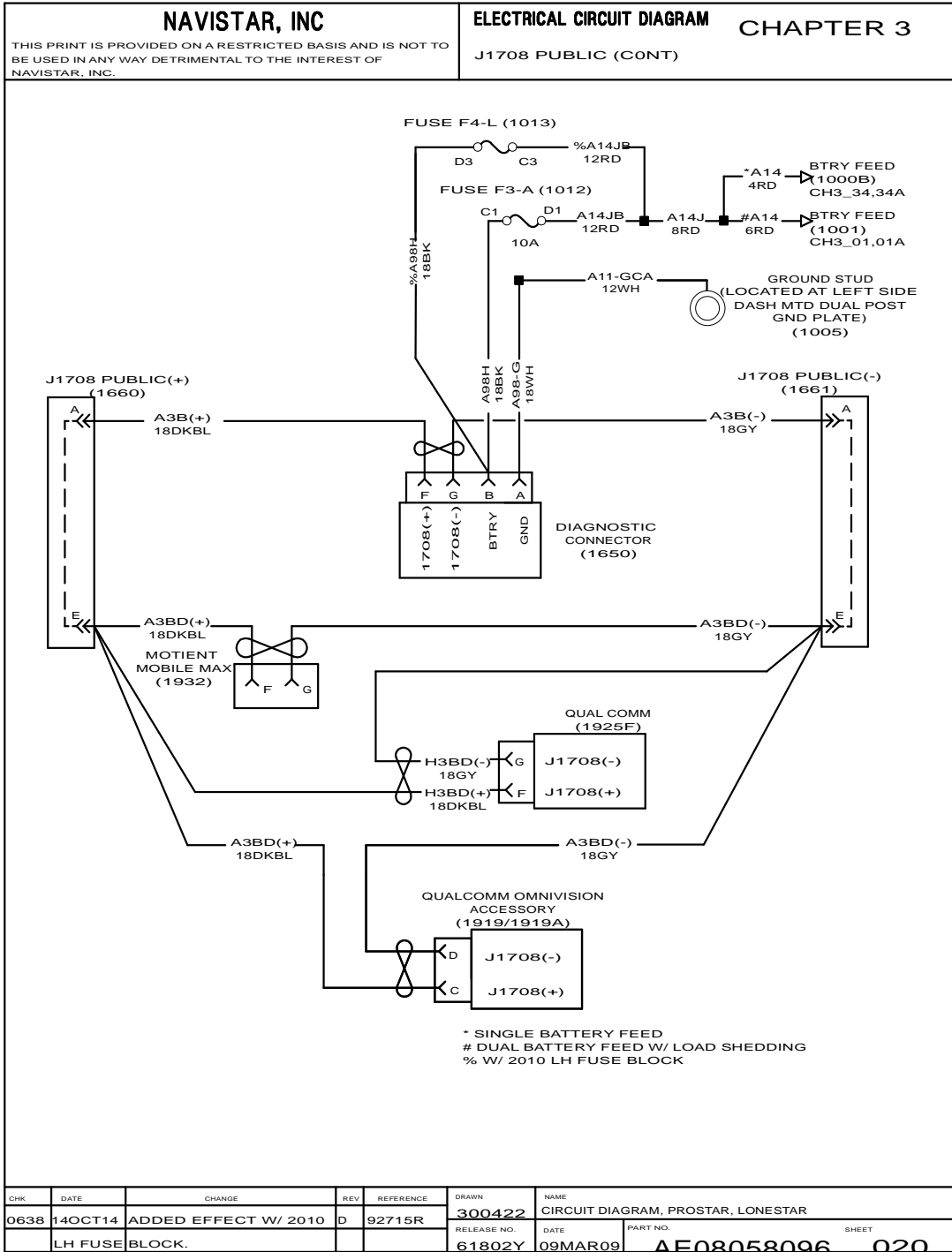


Figure 54 J1708 Public (Cont.)

3.43. GROUND – CAB, P. 21

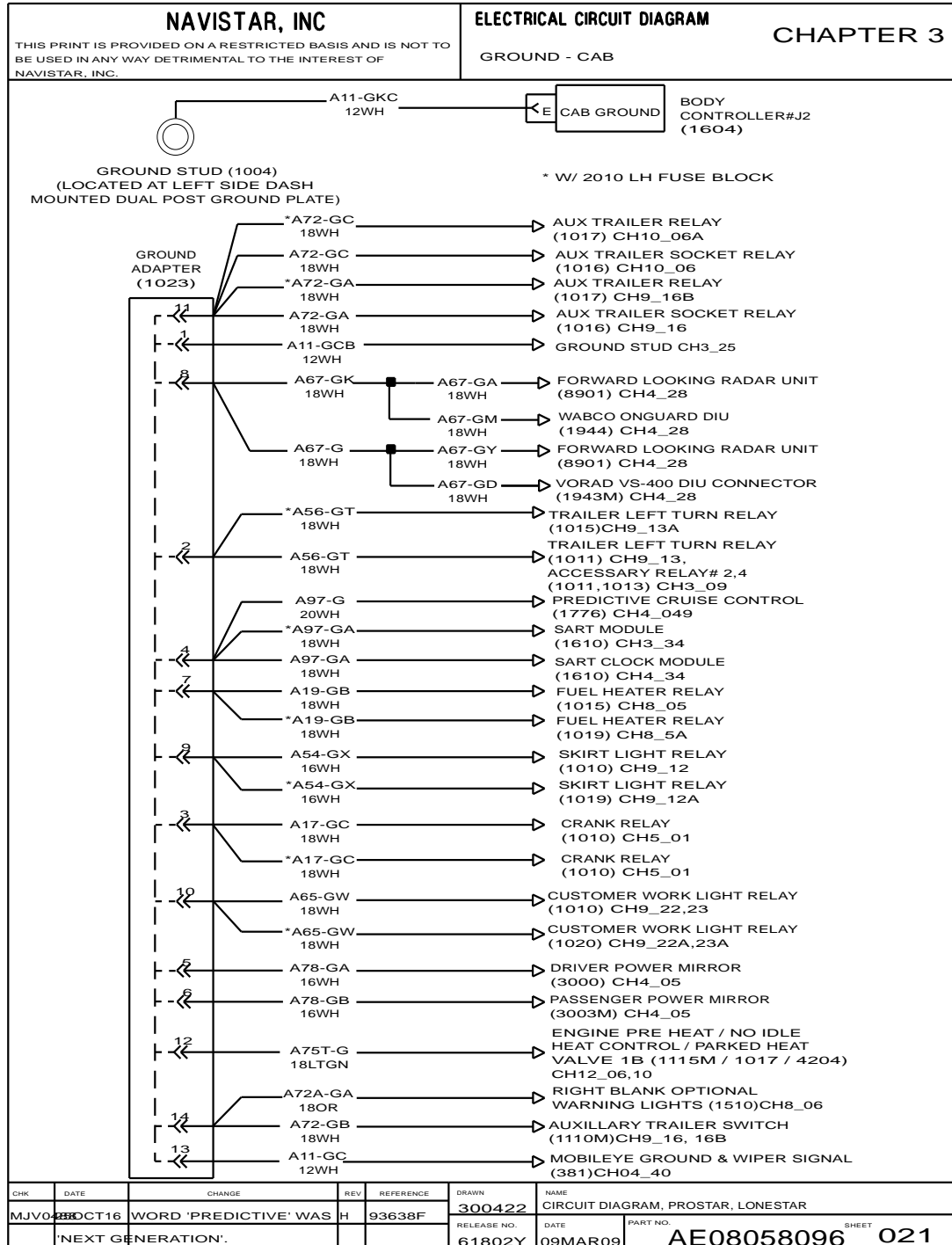


Figure 55 Ground – Cab

3.44. GROUND – CAB (CONT.), P. 22

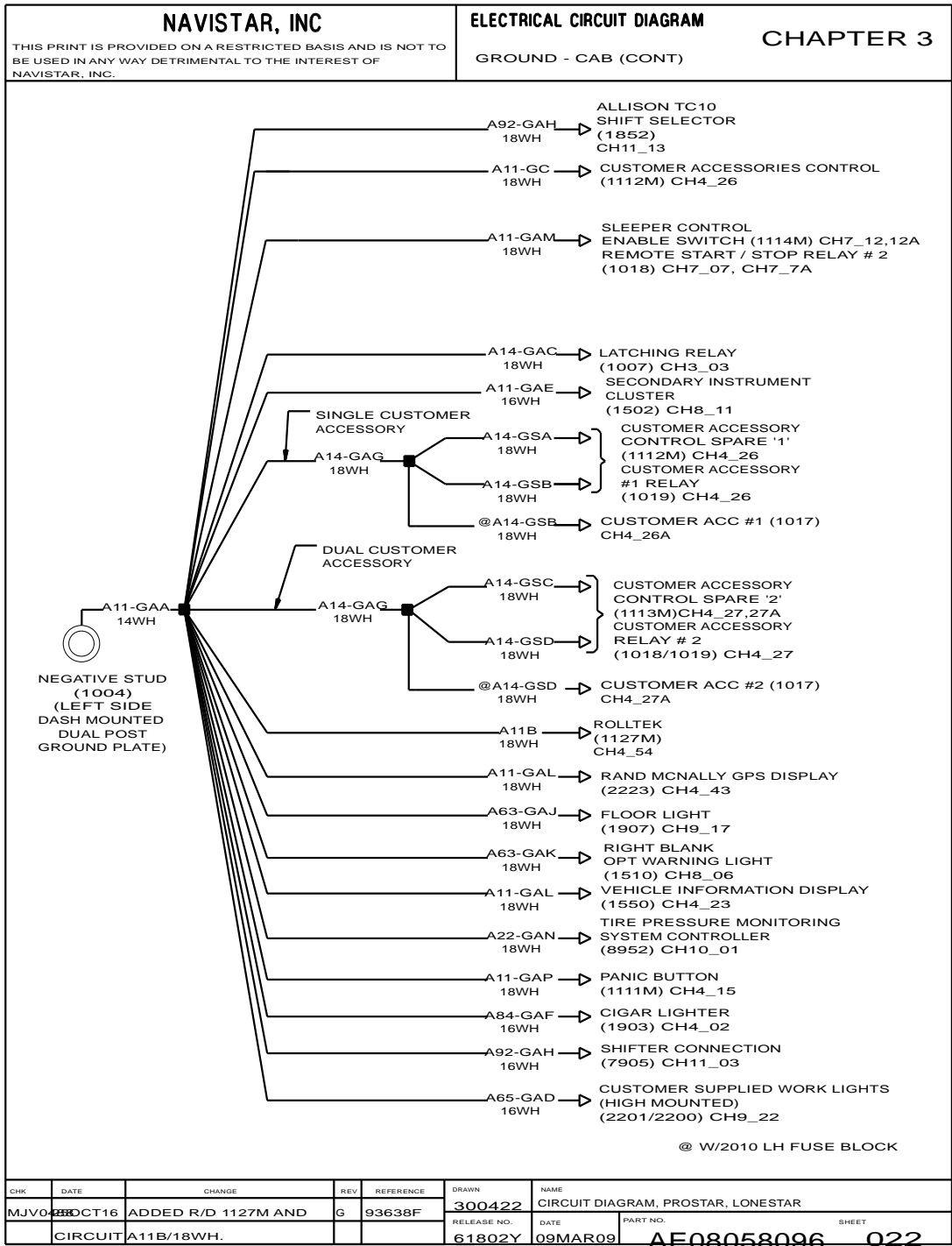


Figure 56 Ground – Cab (Cont.)

3.45. GROUND – CAB (CONT.), P. 23

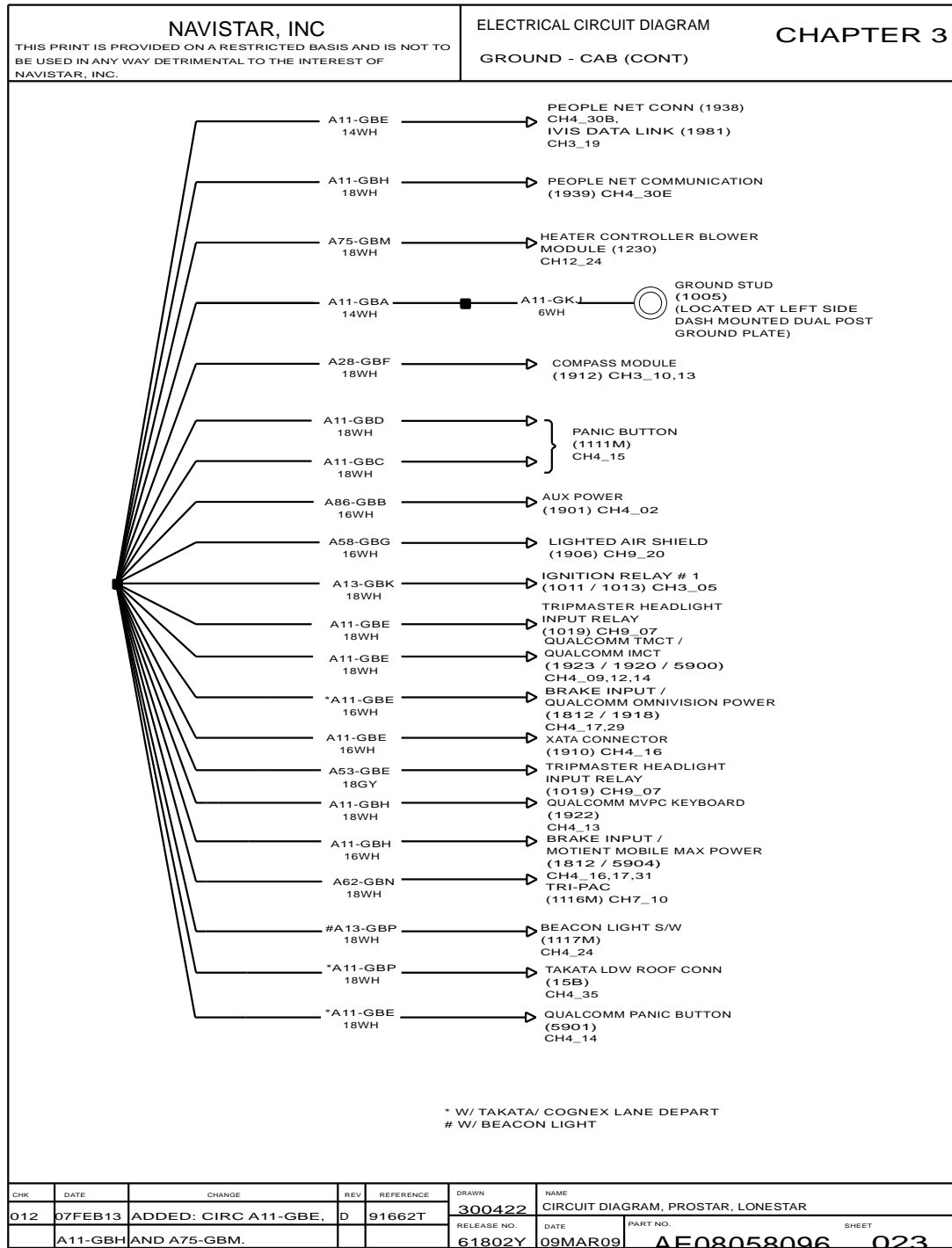


Figure 57 Ground – Cab (Cont.)

3.46. GROUND – CAB (CONT.), P. 24

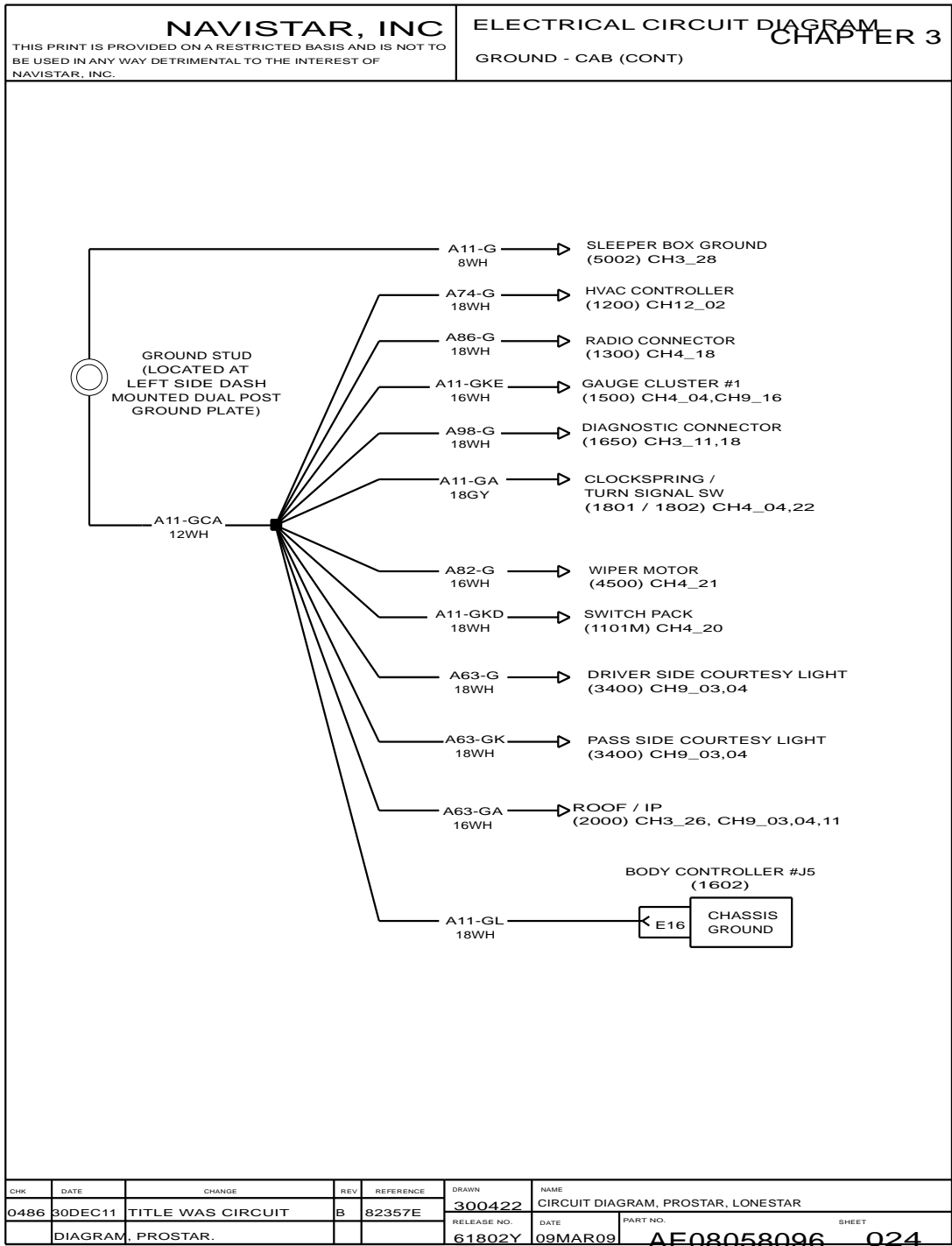


Figure 58 Ground – Cab (Cont.)



3.47. GROUND – CAB (CONT.), P. 25

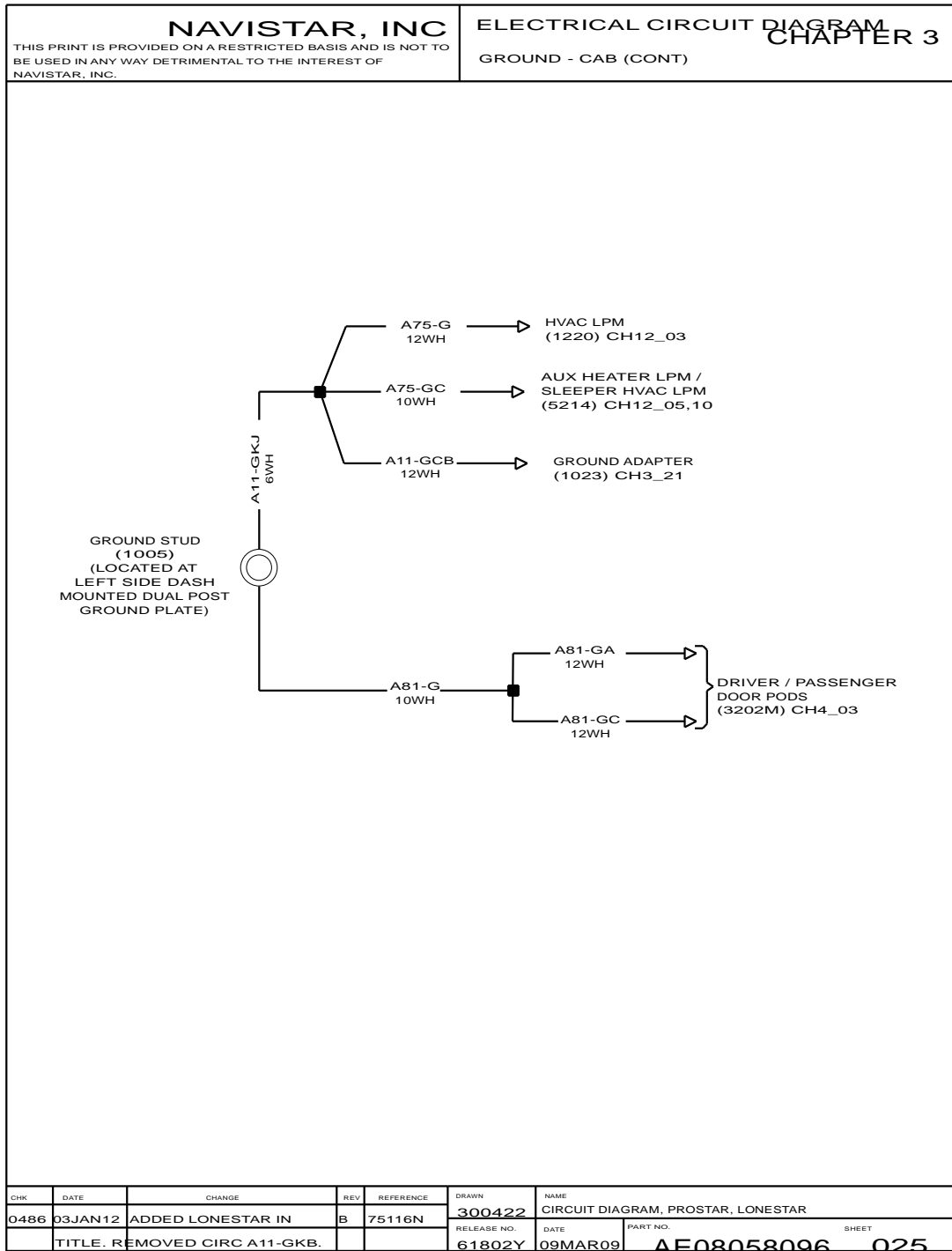


Figure 59 Ground – Cab (Cont.)

3.48. GROUND – CAB (CONT.), P. 26

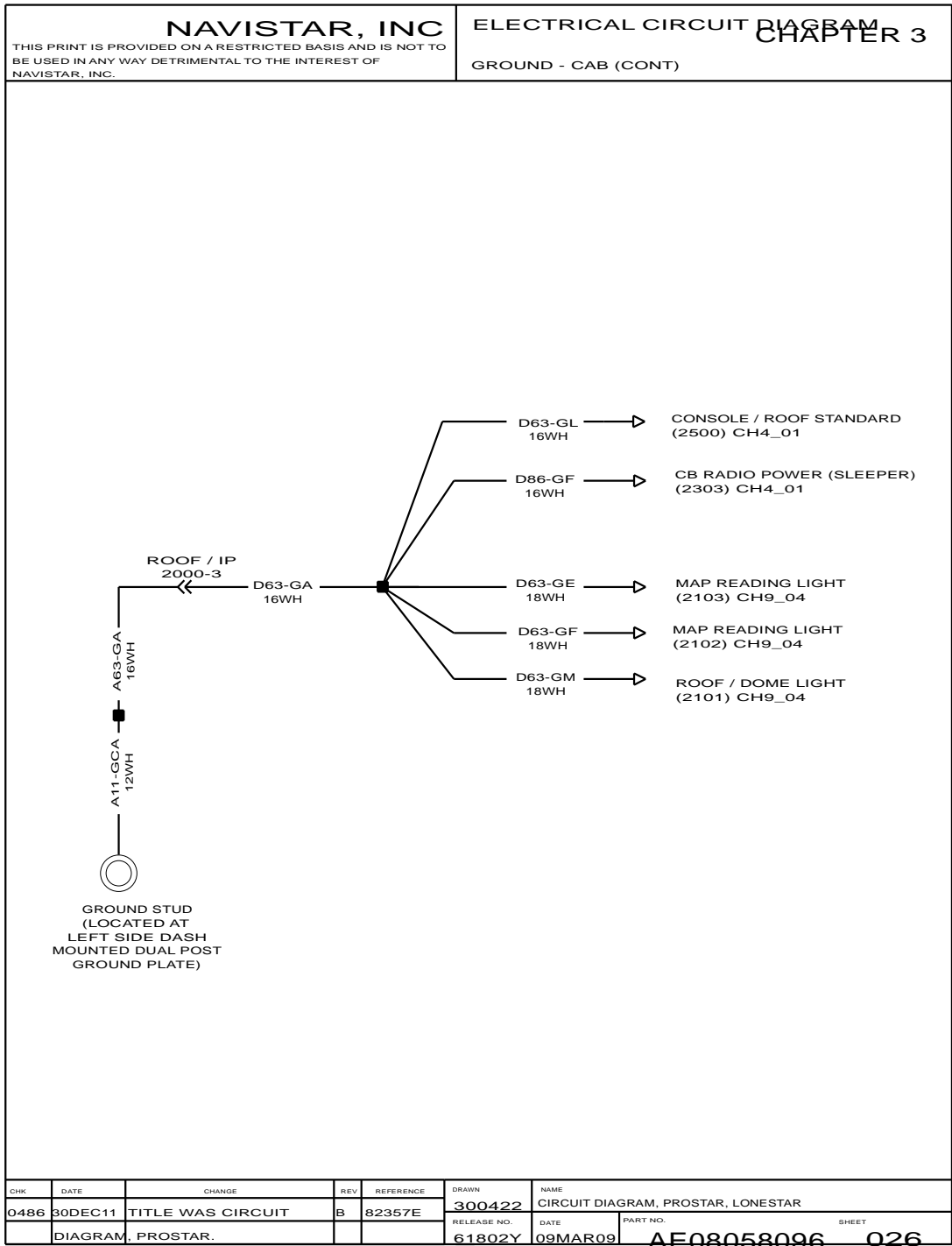


Figure 60 Ground – Cab (Cont.)

3.49. GROUND – CHASSIS, P. 27

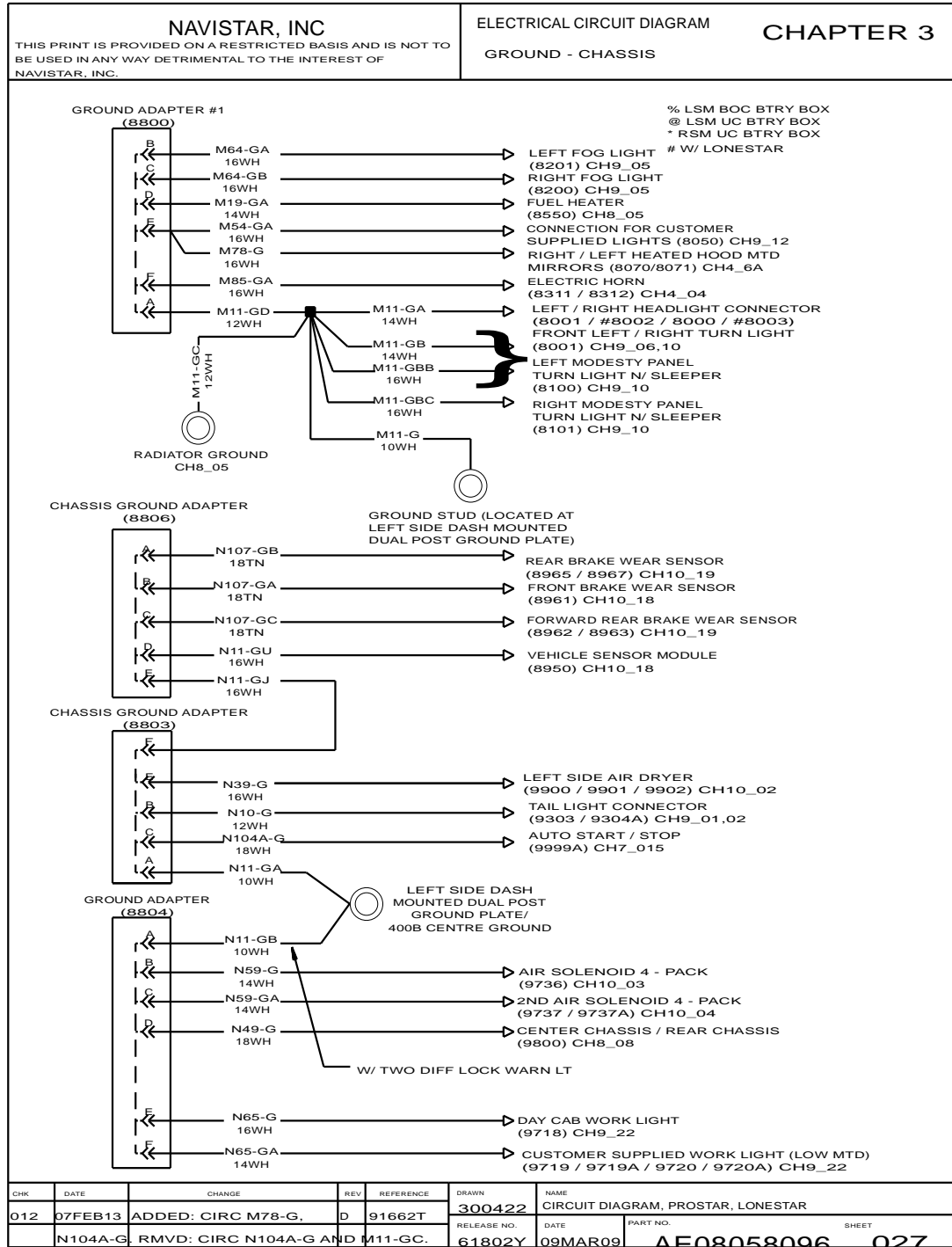


Figure 61 Ground – Chassis

3.50. GROUND – SLEEPER, P. 28

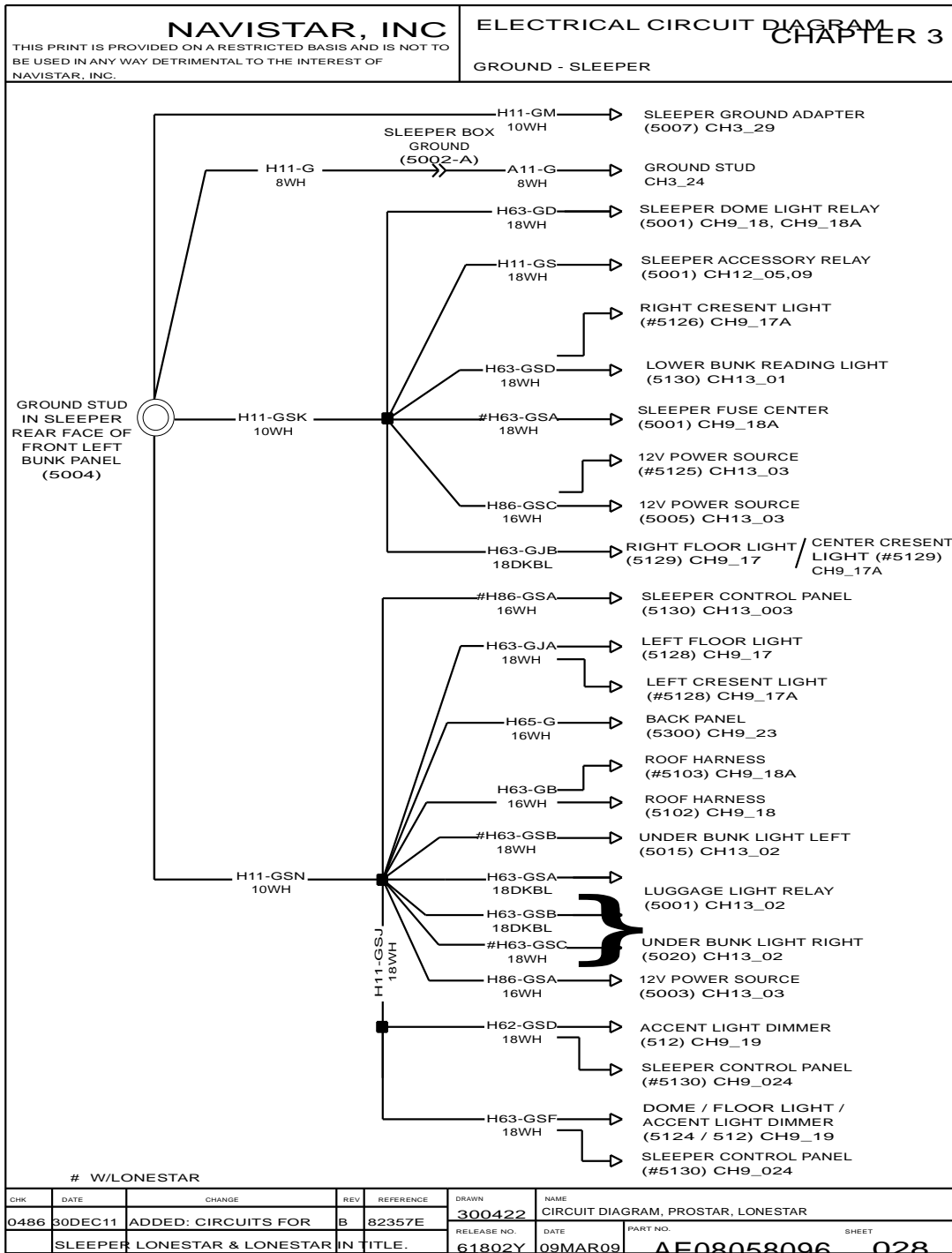


Figure 62 Ground – Sleeper

3.51. GROUND – SLEEPER (CONT.), P. 29

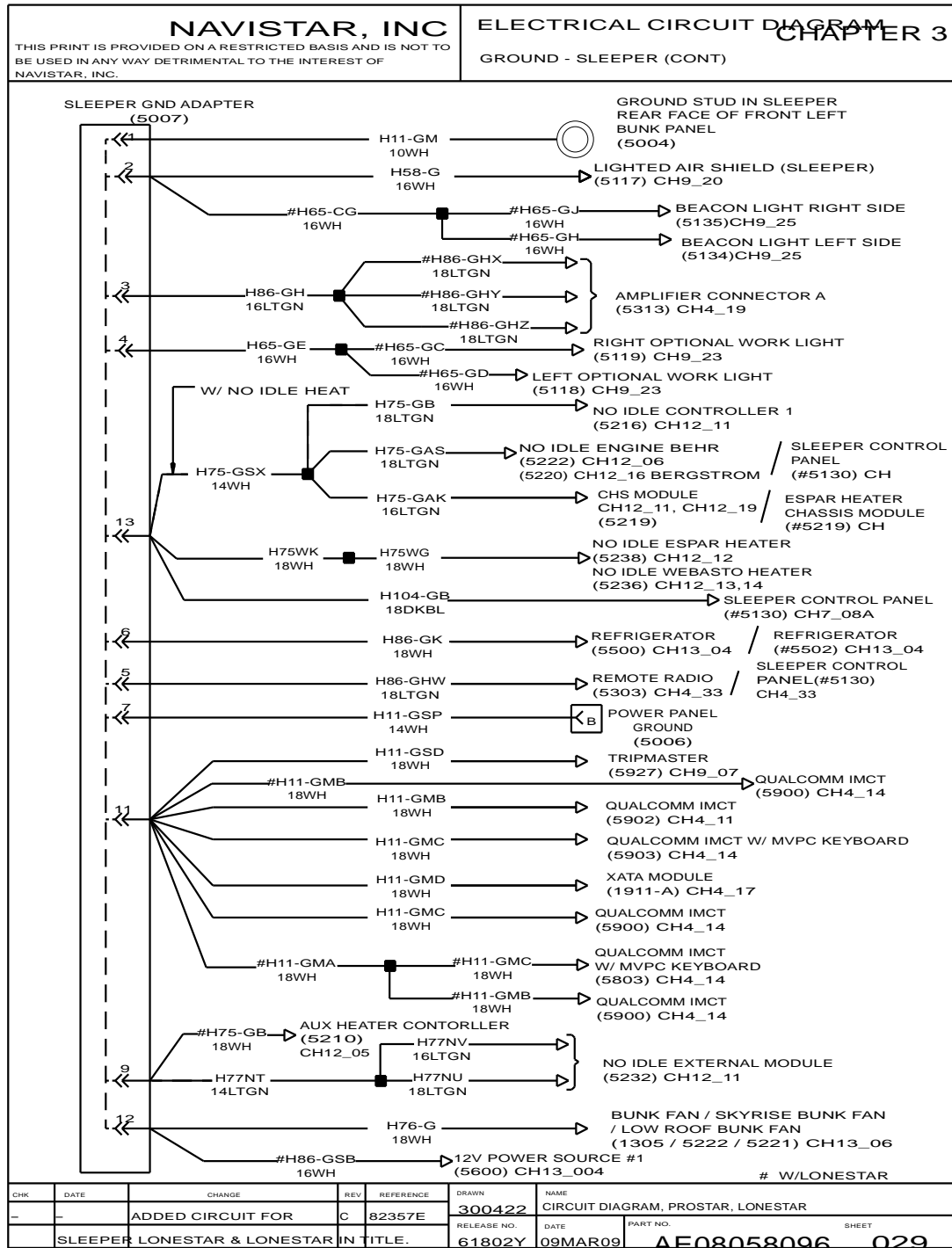


Figure 63 Ground – Sleeper (Cont.)

3.52. GROUND – SLEEPER (CONT.), P. 30

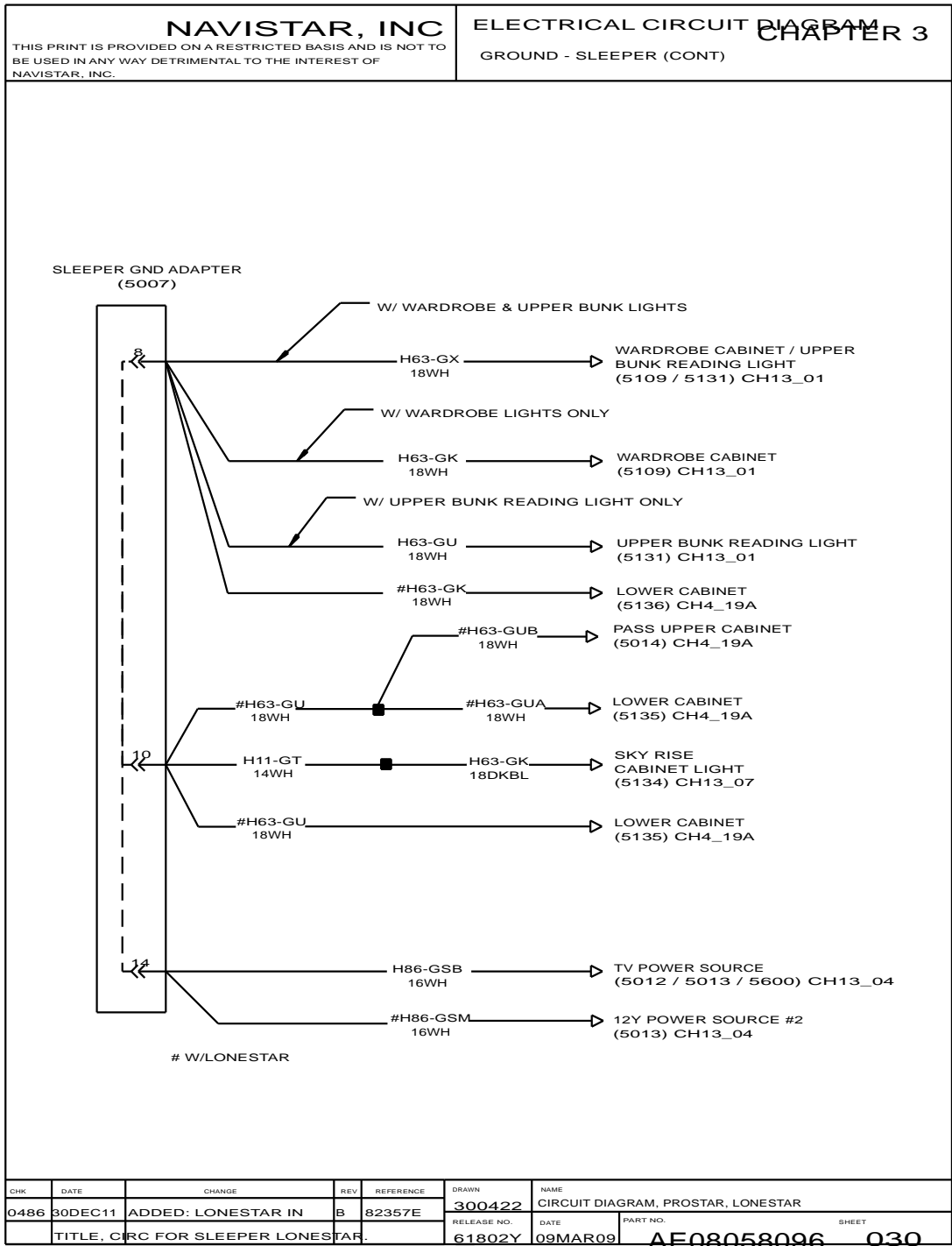


Figure 64 Ground – Sleeper (Cont.)

3.53. GROUND ADAPTER – IBB ENGINE, P. 31

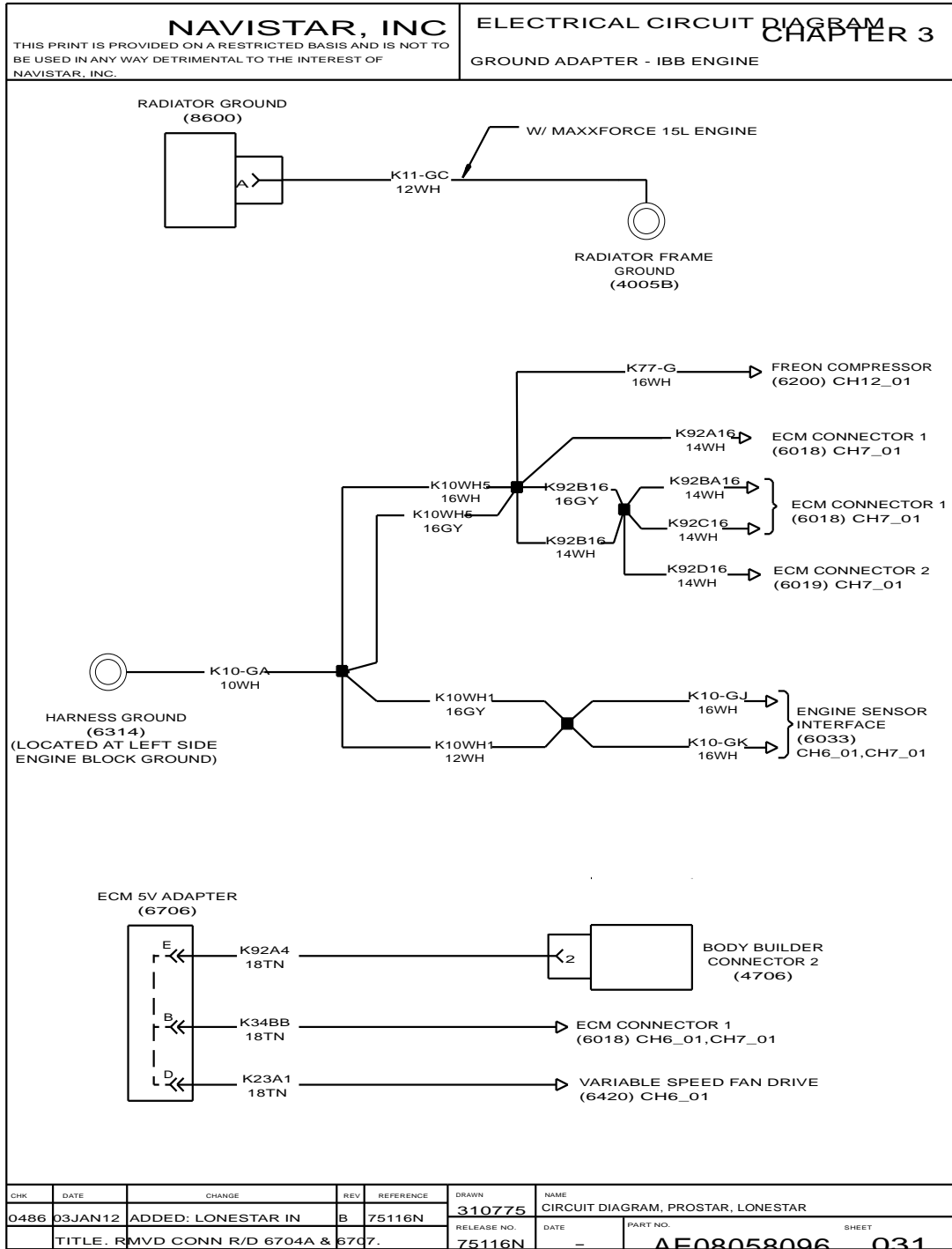


Figure 65 Ground Adapter – IBB Engine

3.54. GROUND ADAPTER – IBB ENGINE (CONT.), P. 32

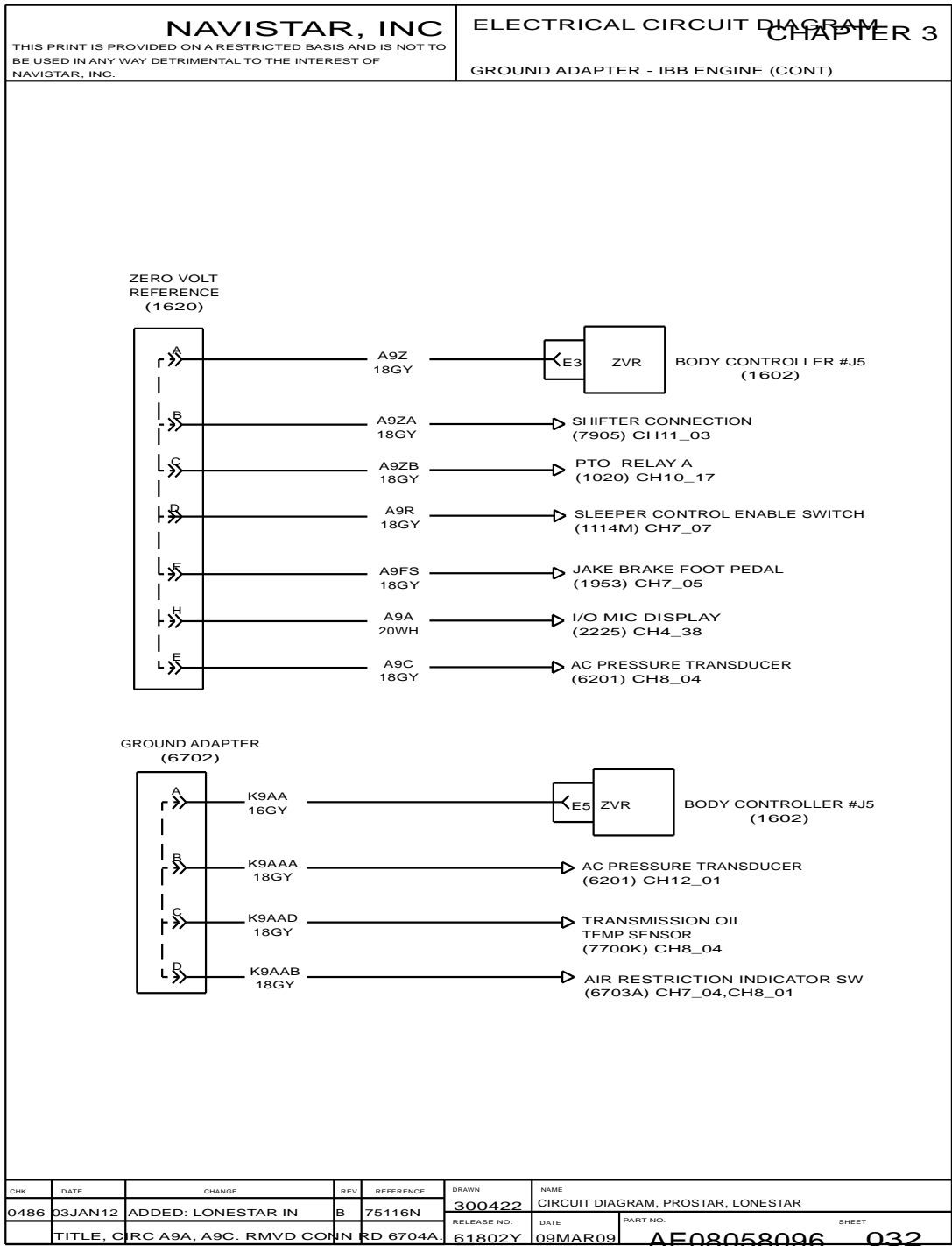


Figure 66 Ground Adapter – IBB Engine (Cont.)



3.55. GROUND ADAPTER, P. 33

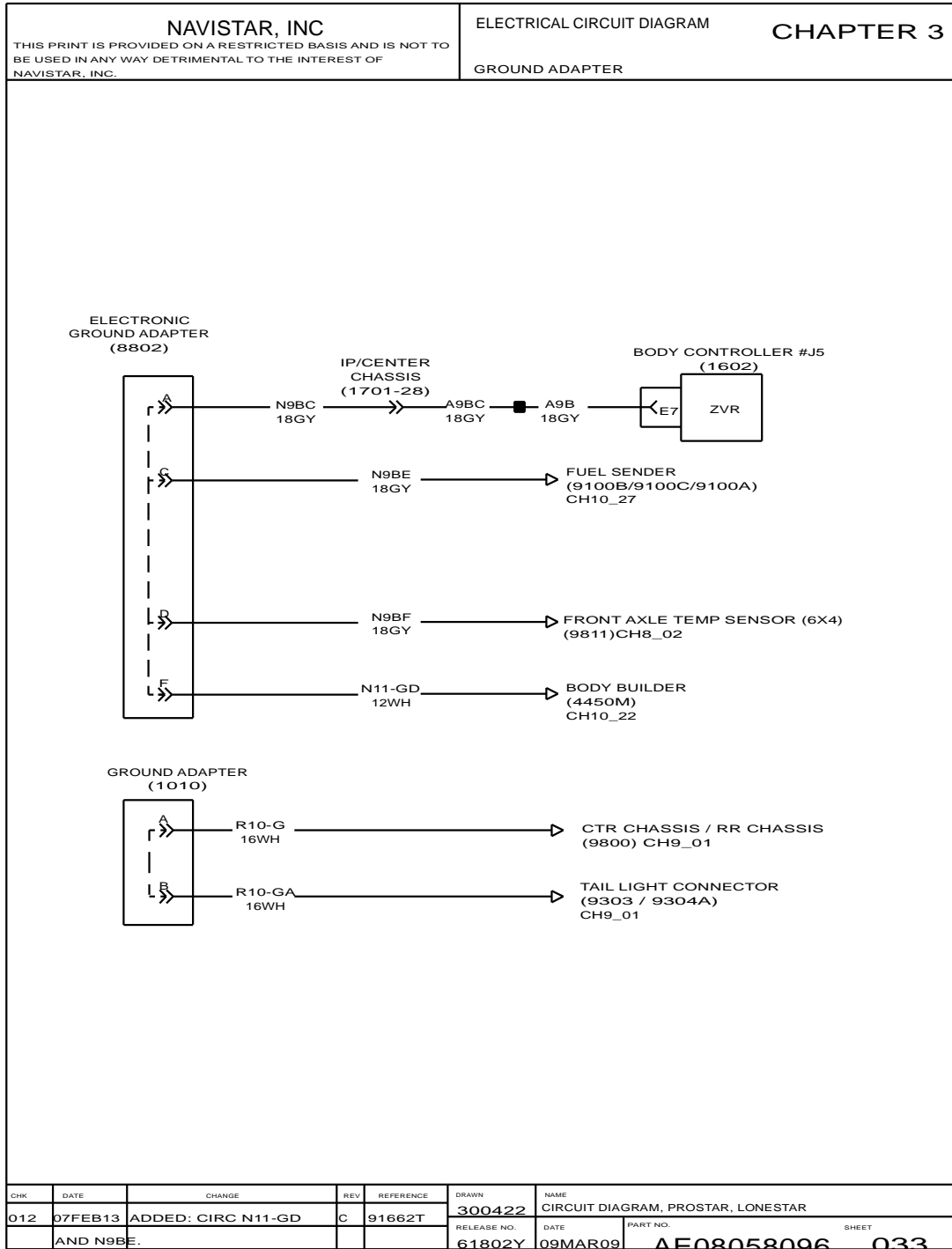


Figure 67 Ground Adapter

3.56. BATTERY FEED, SINGLE, P. 34

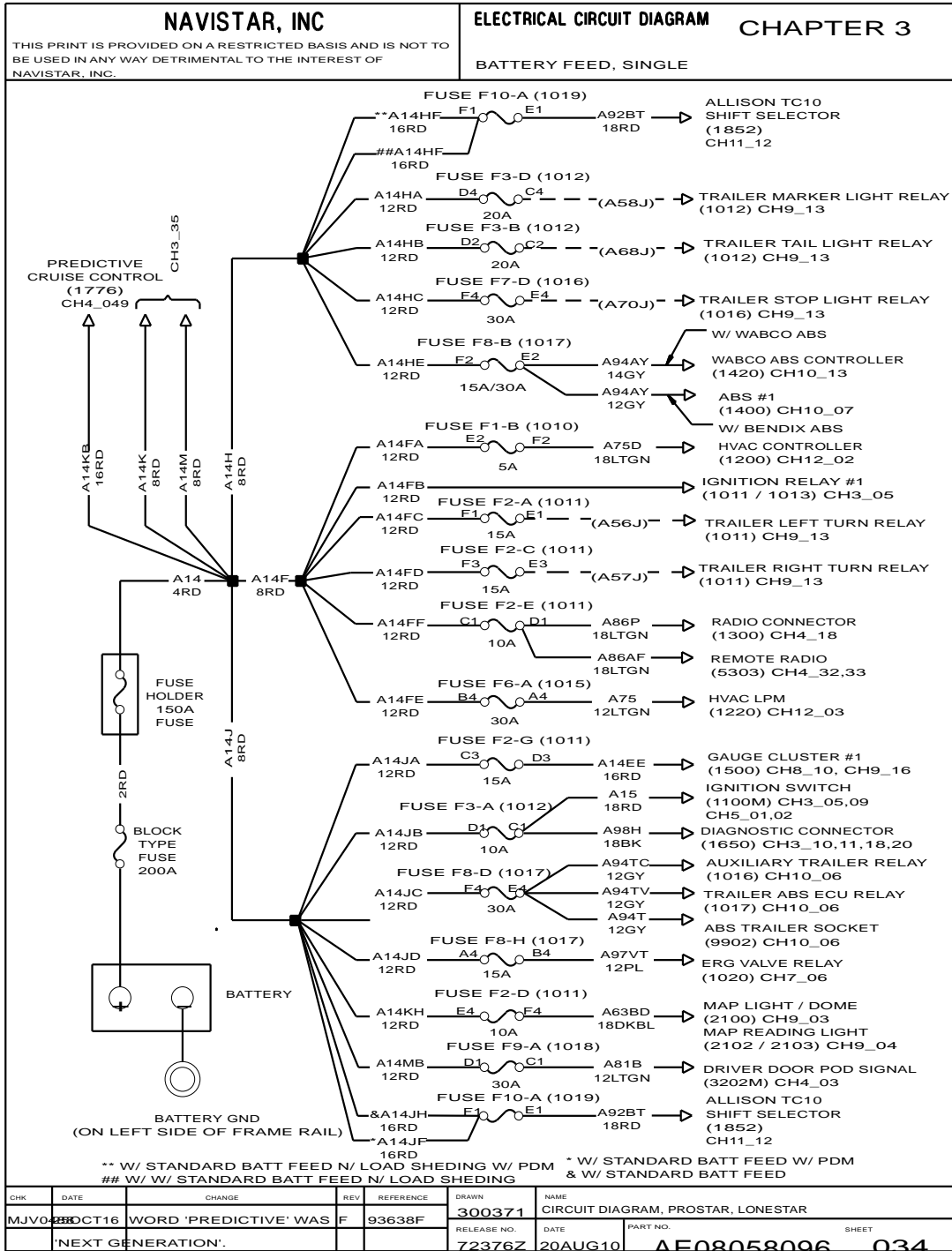


Figure 68 Battery Feed, Single

3.57. BATTERY FEED, SINGLE (CONT.), P. 34A

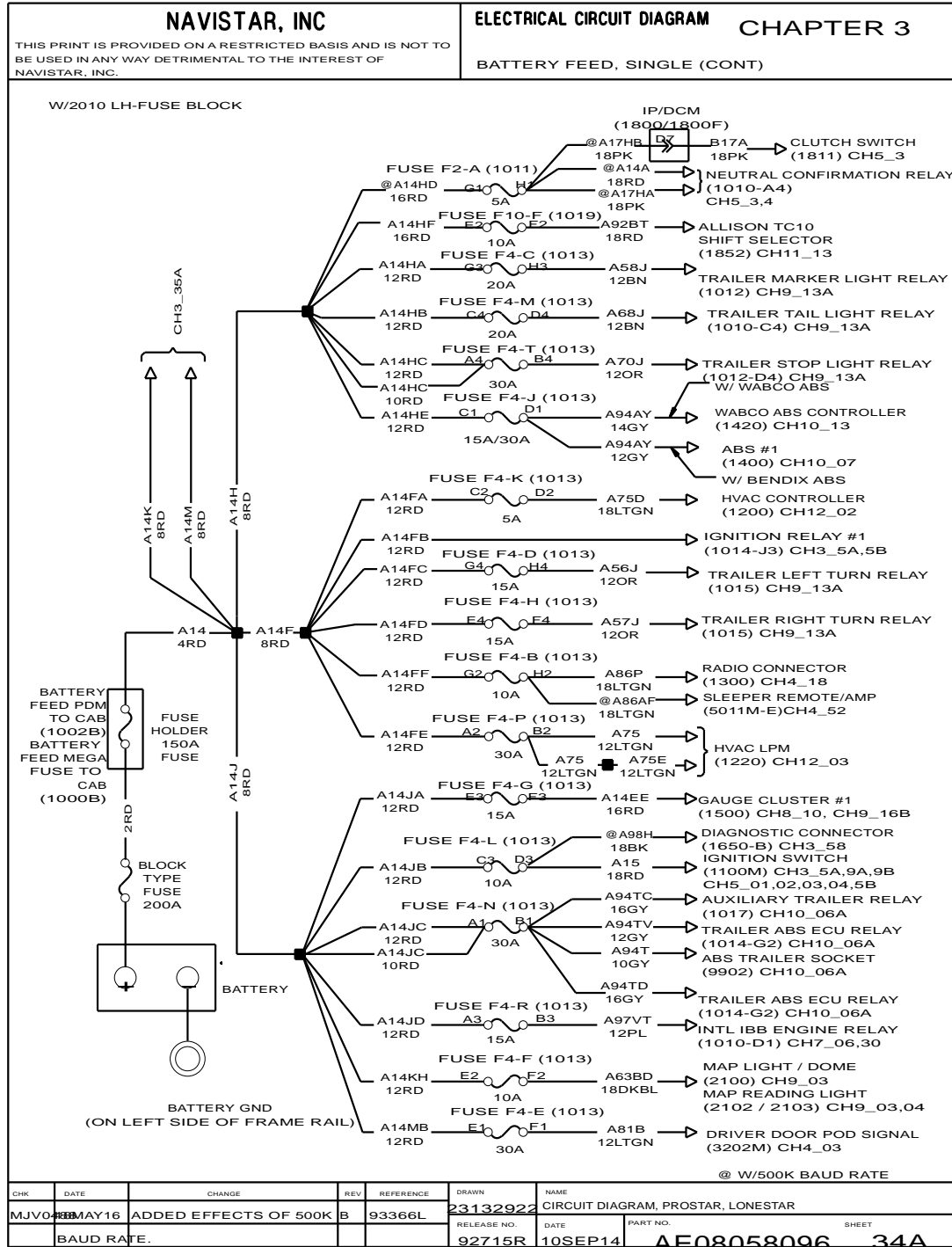


Figure 69 Battery Feed, Single (Cont.)

3.58. BATTERY FEED, SINGLE (CONT.), P. 35

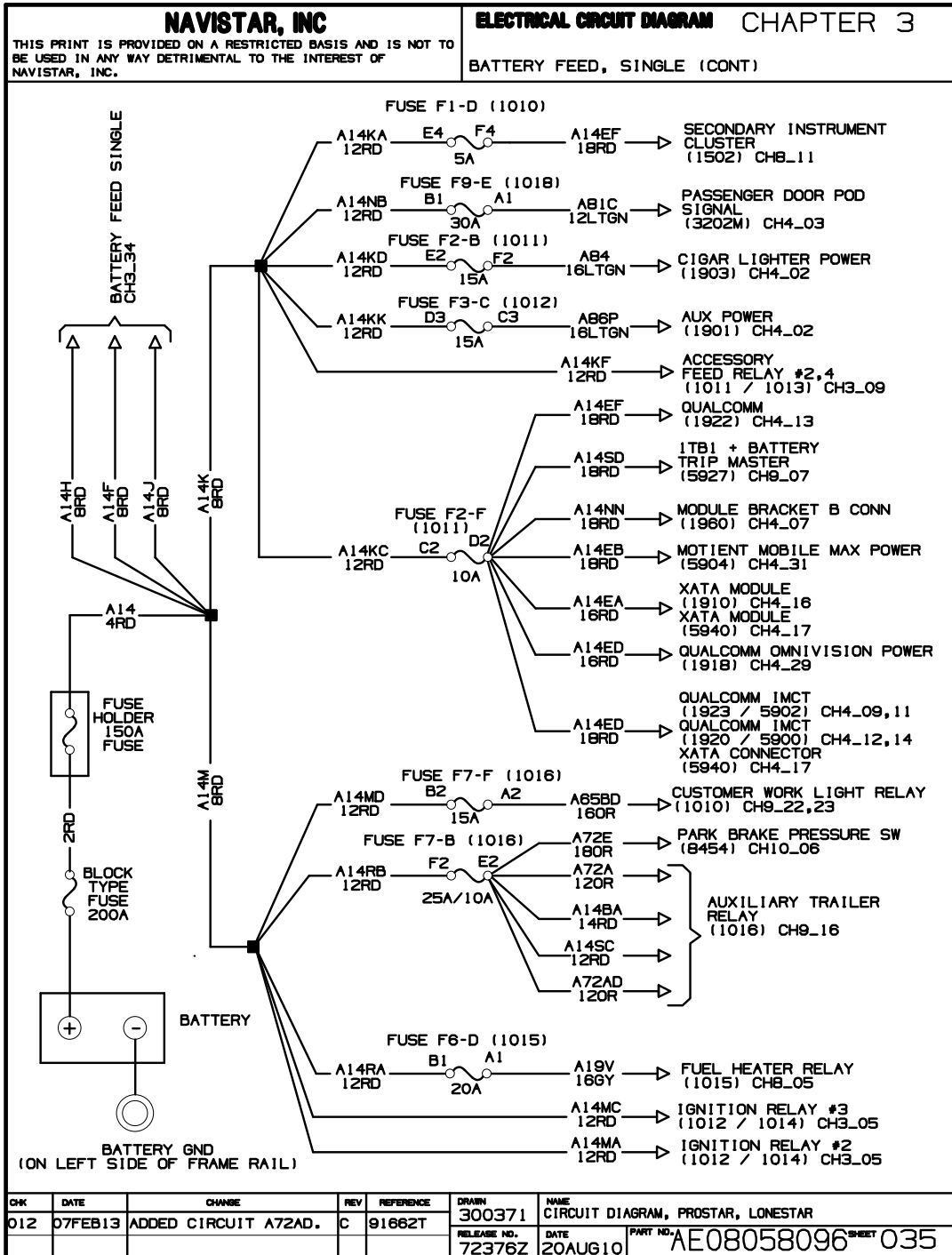


Figure 70 Battery Feed, Single (Cont.)

3.59. BATTERY FEED, SINGLE (CONT.), P. 35A

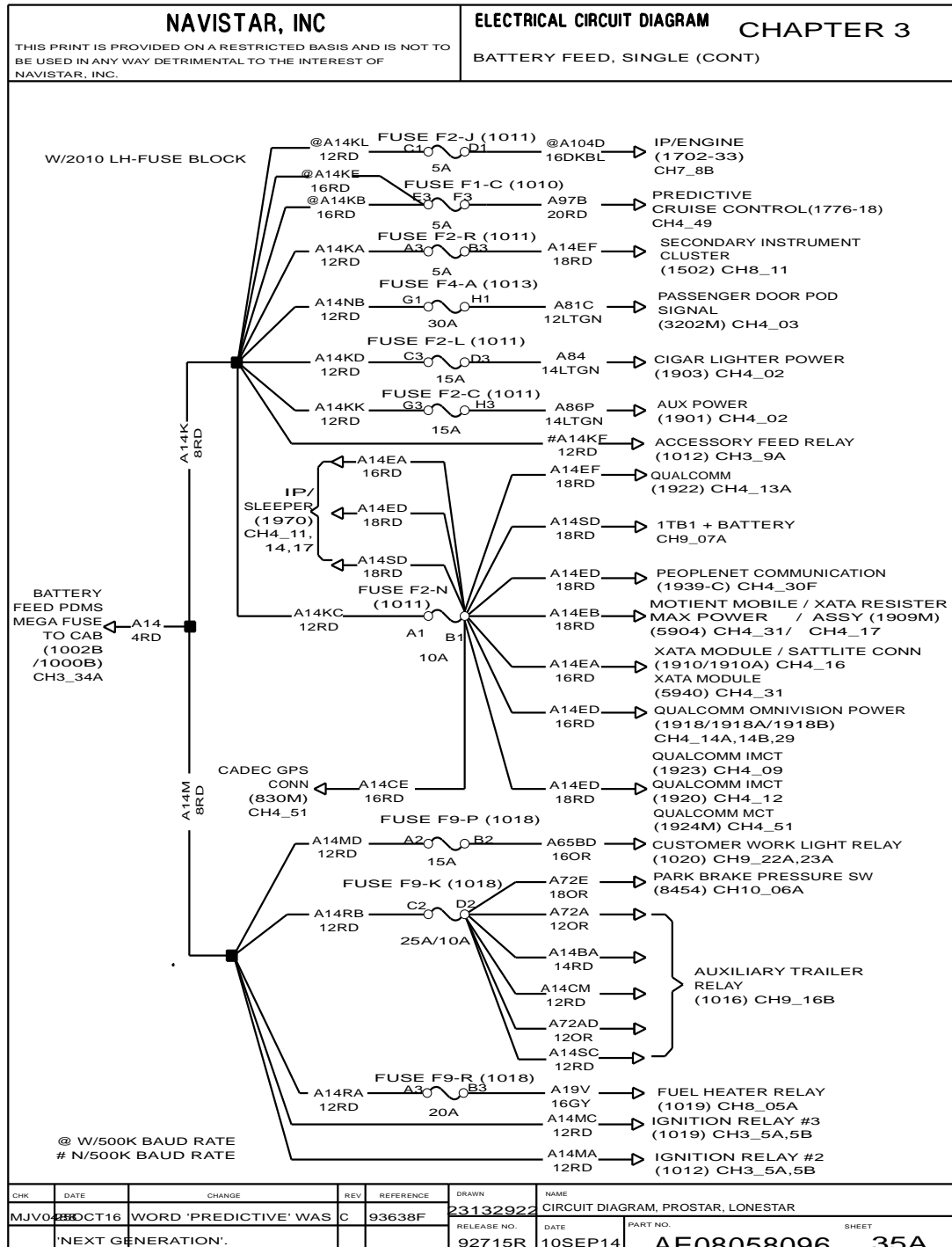


Figure 71 Battery Feed, Single (Cont.)

3.60. GROUND ADAPTER - ISX ENGINE, P. 36

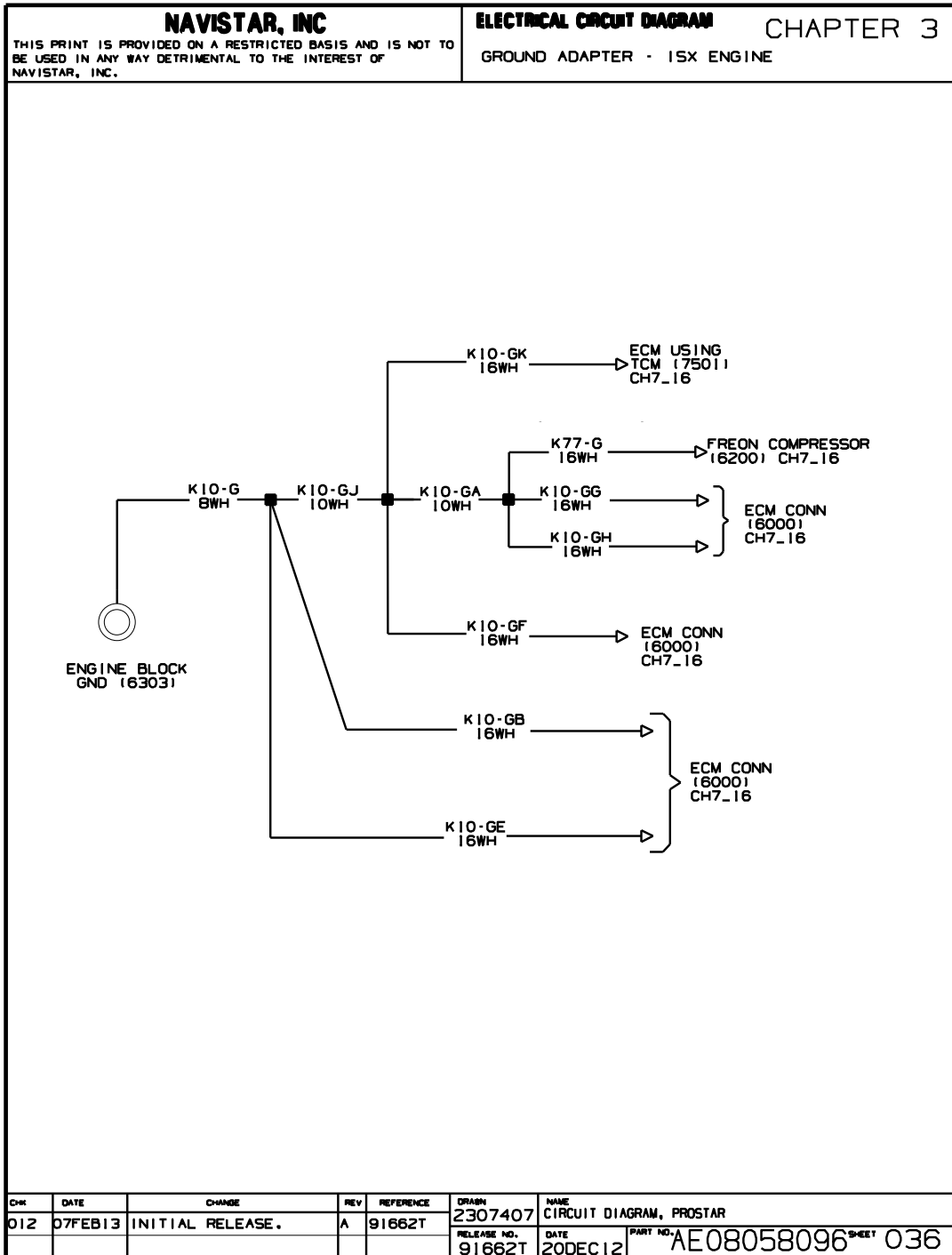


Figure 72 Ground Adapter - ISX Engine

3.61. GROUND ADAPTER - ISX ENGINE (CONT.), P. 37

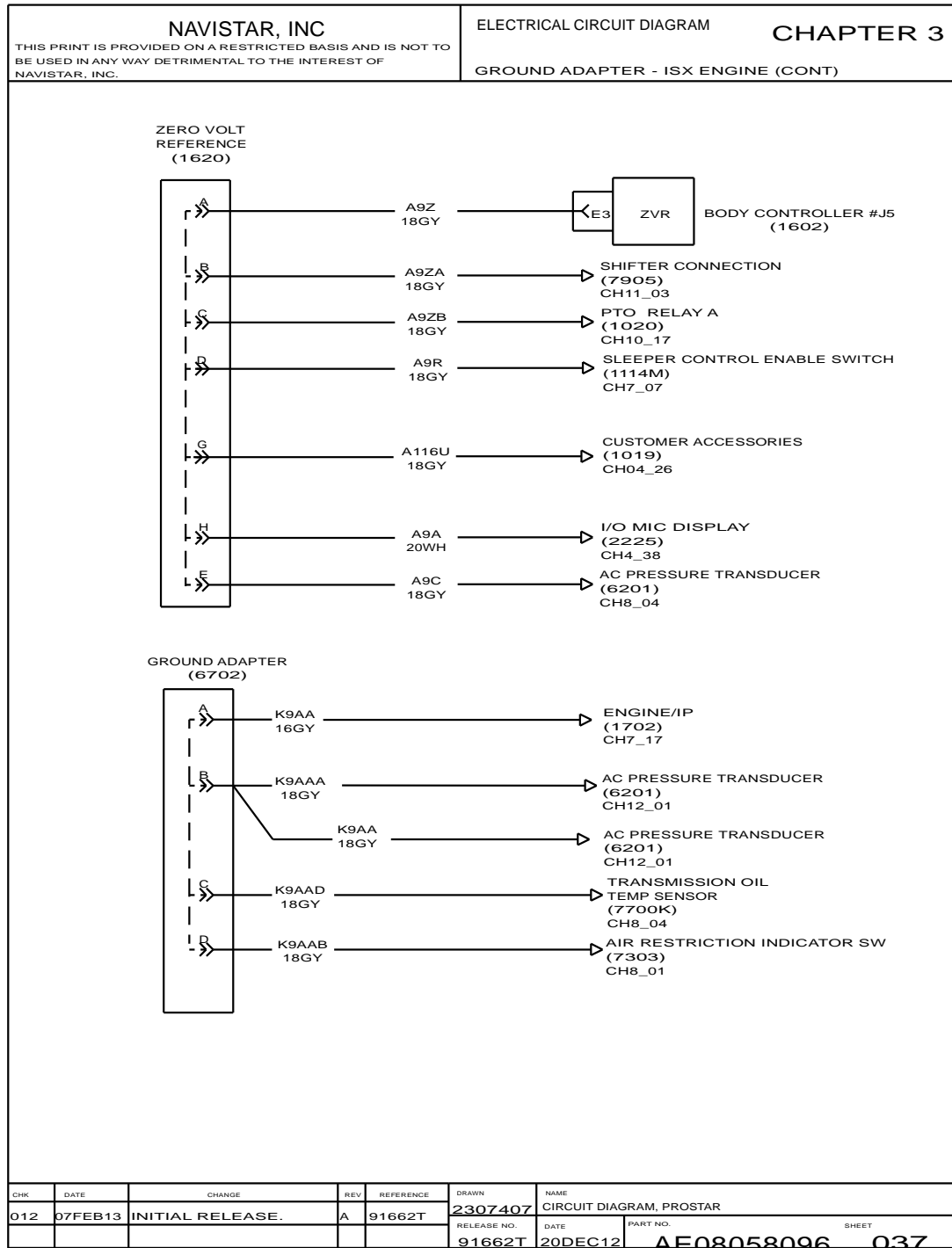


Figure 73 Ground Adapter - ISX Engine (Cont.)

3.62. ENGINE GROUND FOR 2010 SCR 13L ENGINE, P. 38

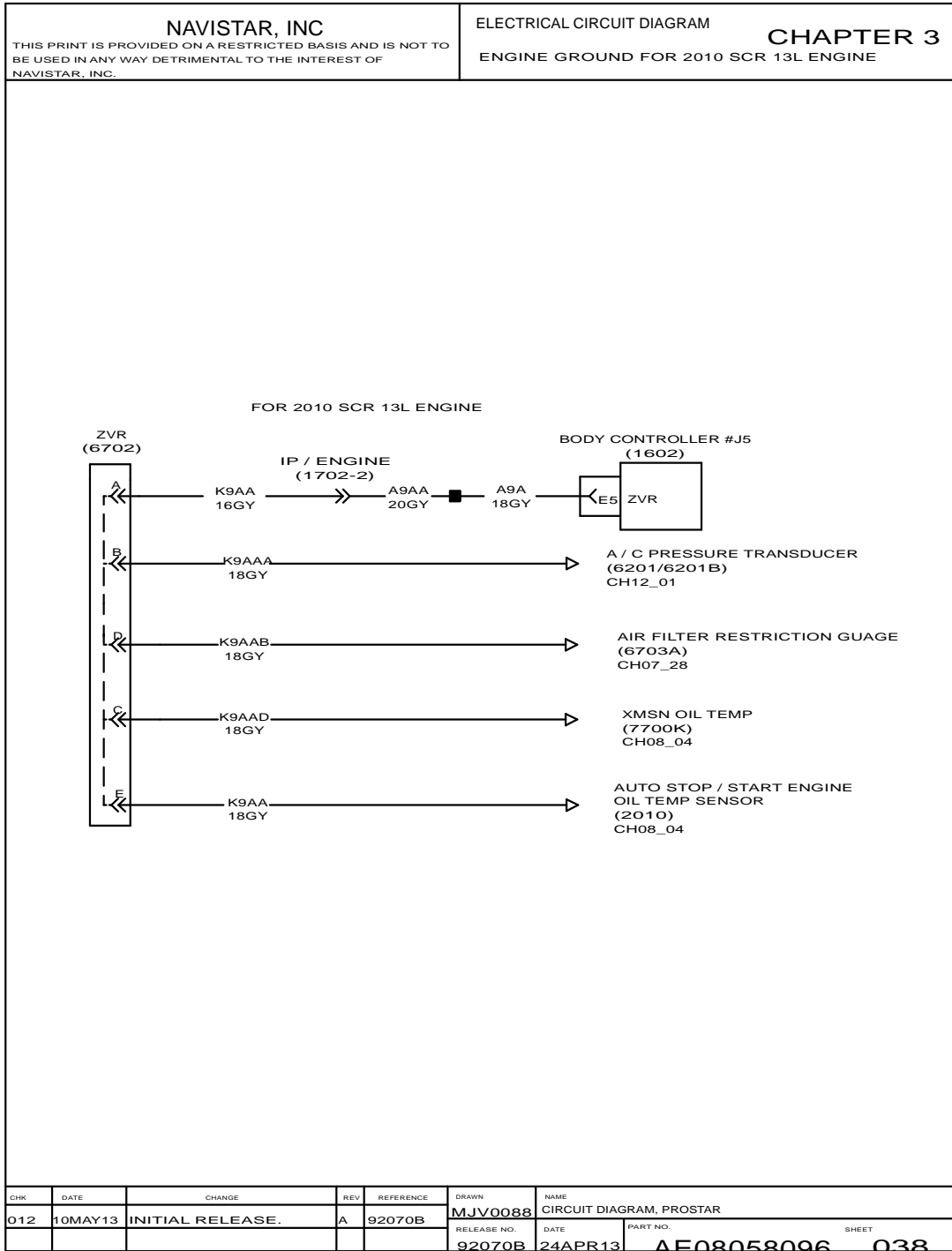


Figure 74 Engine Ground for 2010 SCR 13L Engine



3.63. ALTERNATOR POWER AND GROUND (2010 SCR 13L ENGINE), P. 39

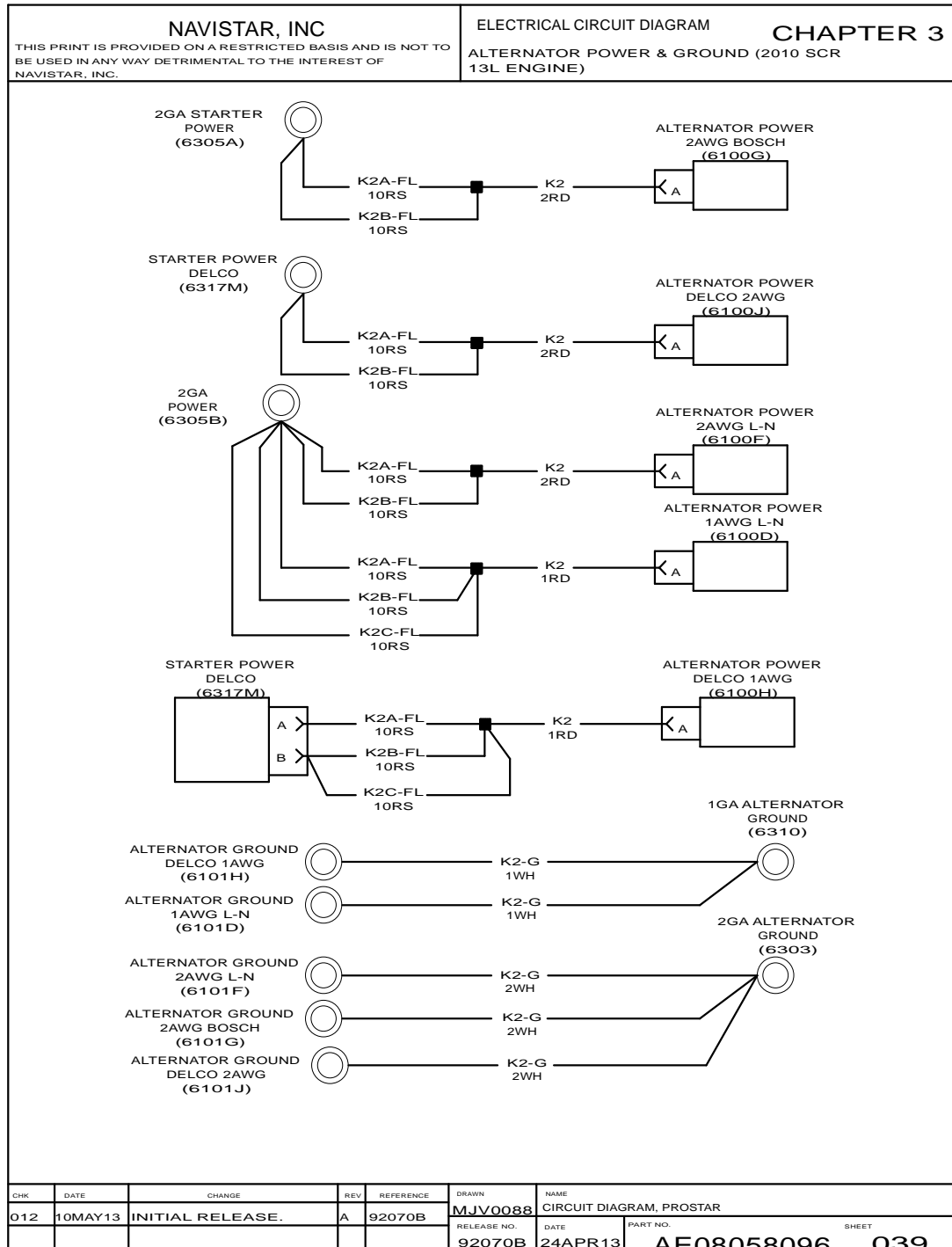


Figure 75 Alternator Power and Ground (2010 SCR 13L Engine)

3.64. J1939 TERMINATOR (2010 SCR 13L ENGINE), P. 40

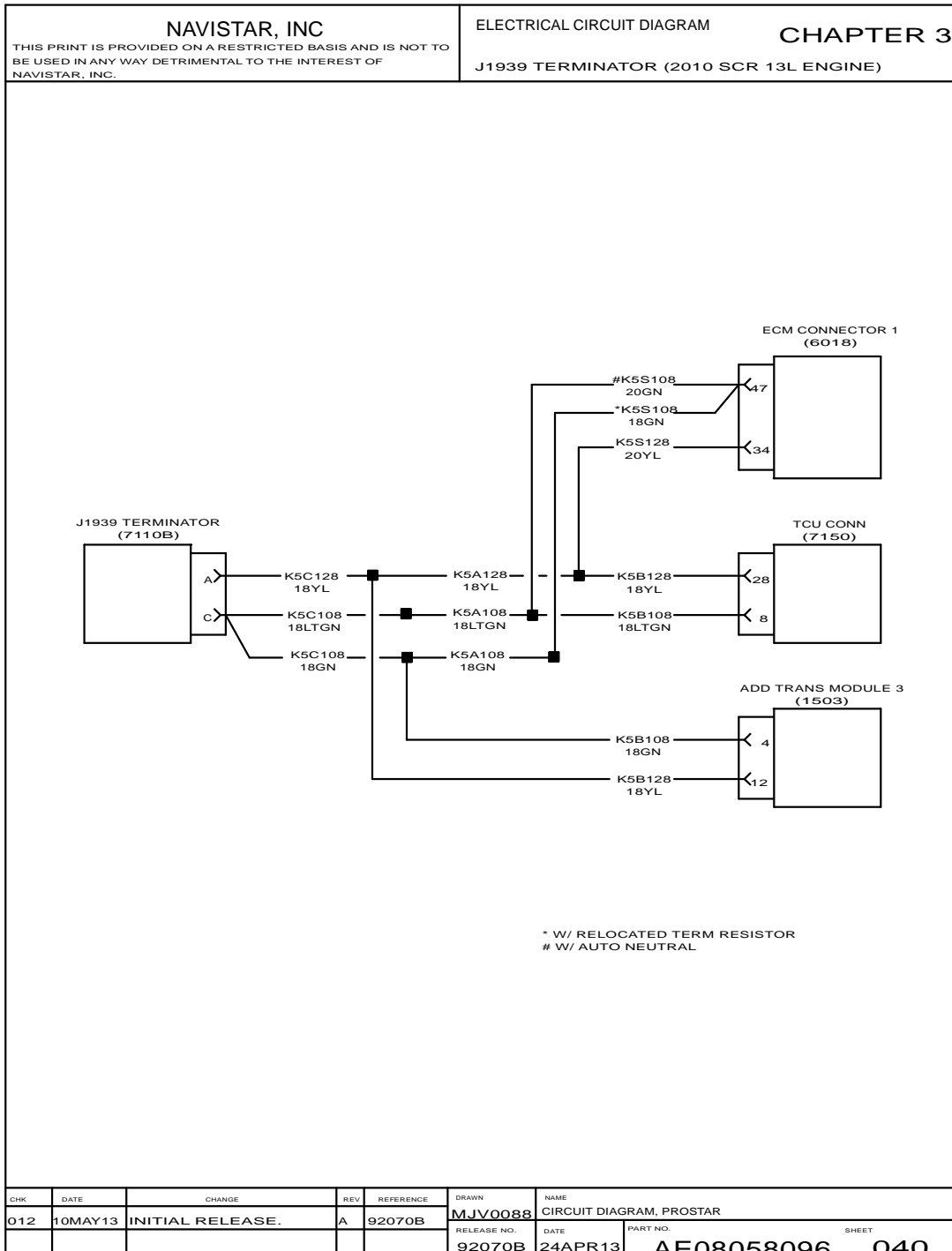


Figure 76 J1939 Terminator (2010 SCR 13L Engine)

3.65. CAB J1939 DATA LINK (2010 SCR 13L ENG), P. 41

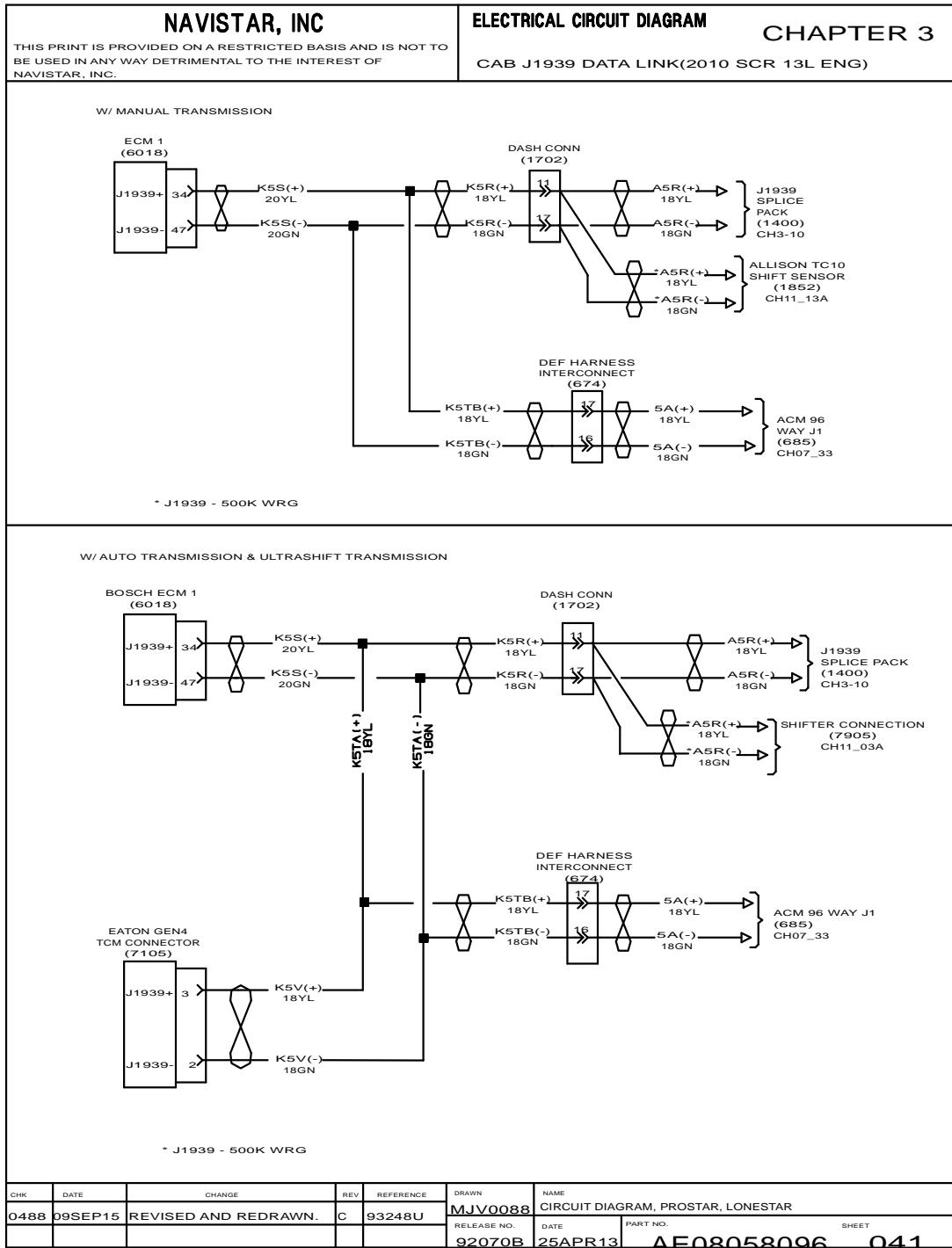


Figure 77 Cab J1939 Data Link (2010 SCR 13L ENG)

3.66. GROUND – IP WITH RUSSIAN PROSTAR, P. 42

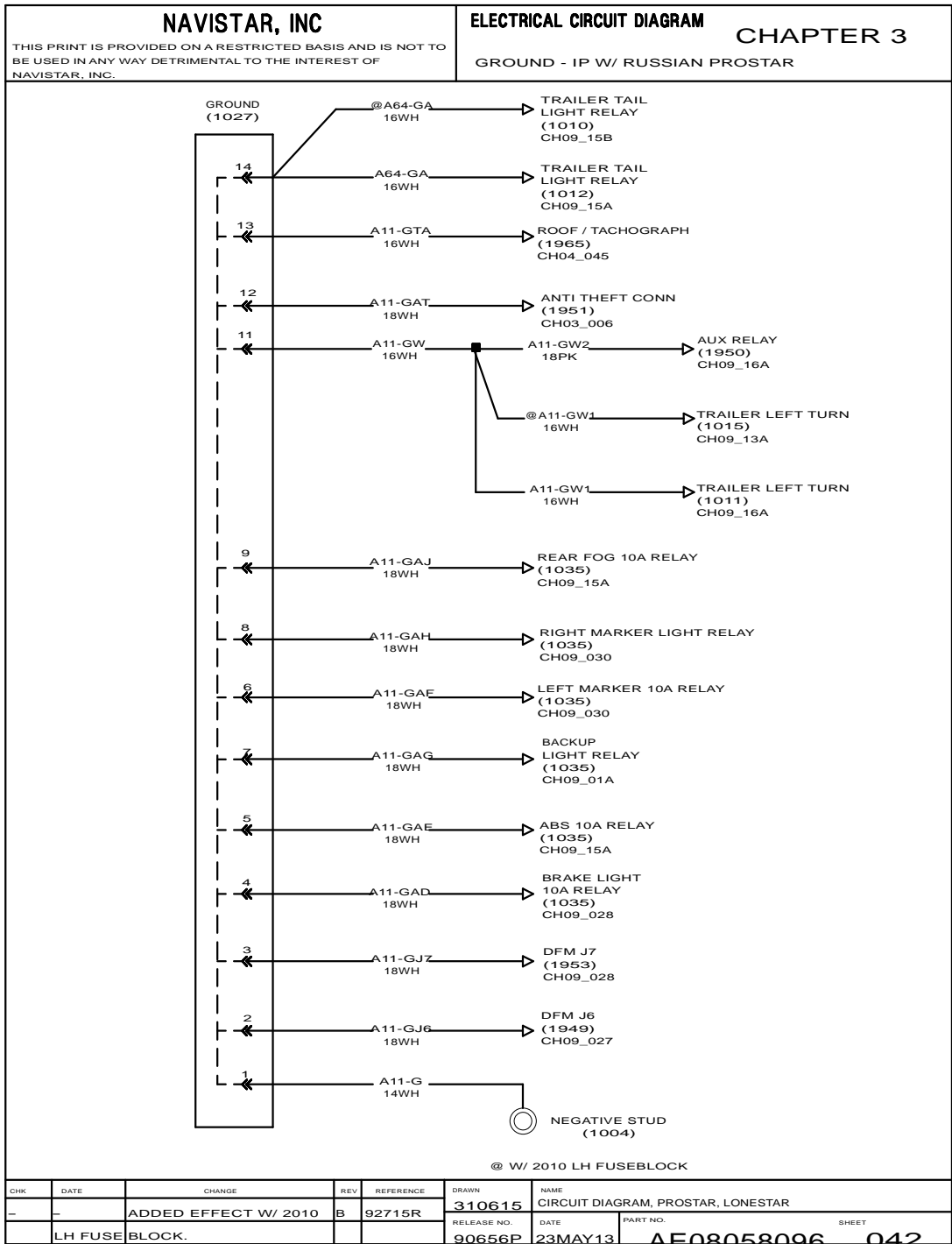


Figure 78 Ground – IP with Russian ProStar

3.67. CAB J1939, P. 43

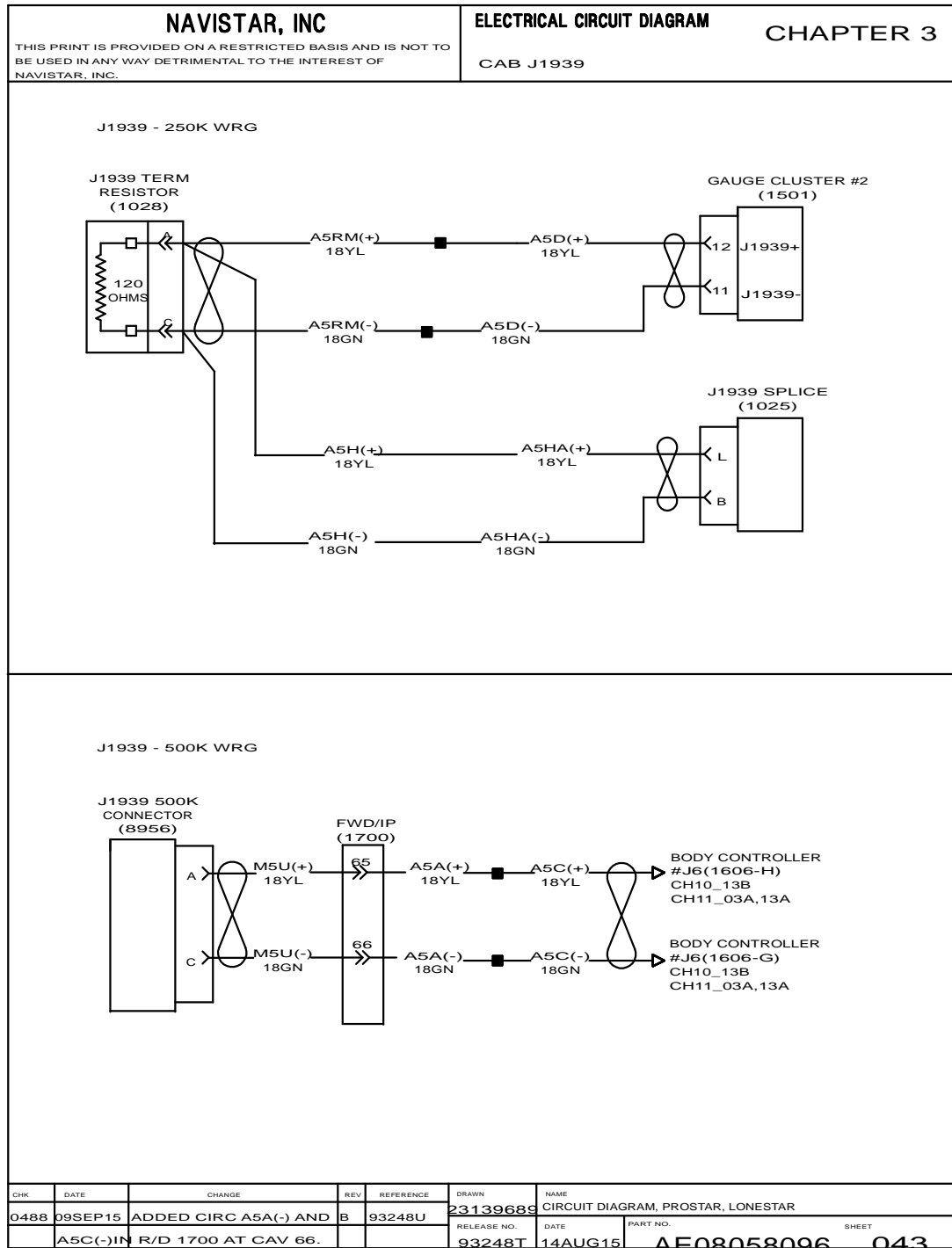


Figure 79 Cab J1939

3.68. CAB J1939 500K WIRING, P. 44

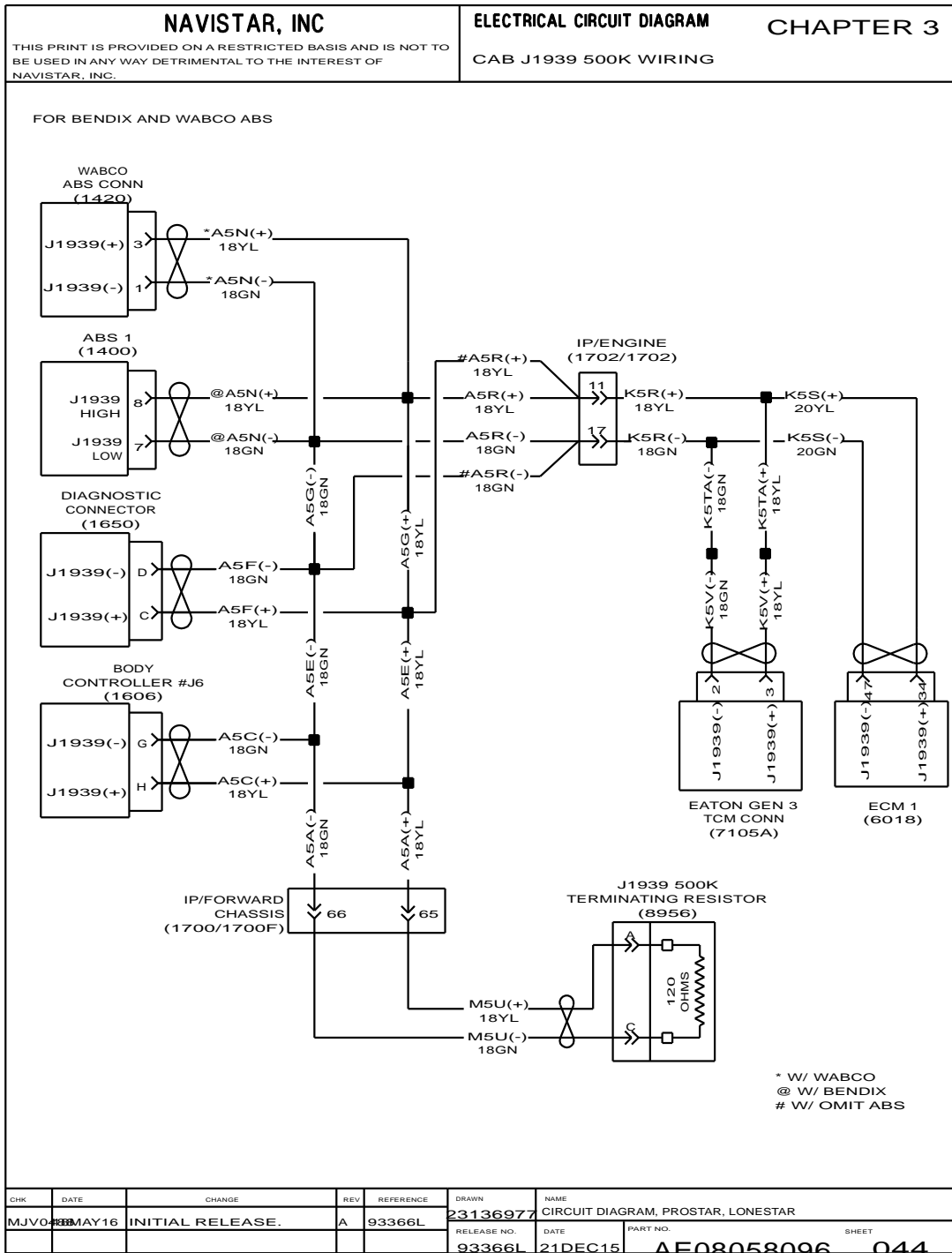


Figure 80 Cab J1939 500K Wiring

3.69. CAB J1939 500K WIRING (CONT.), P. 45

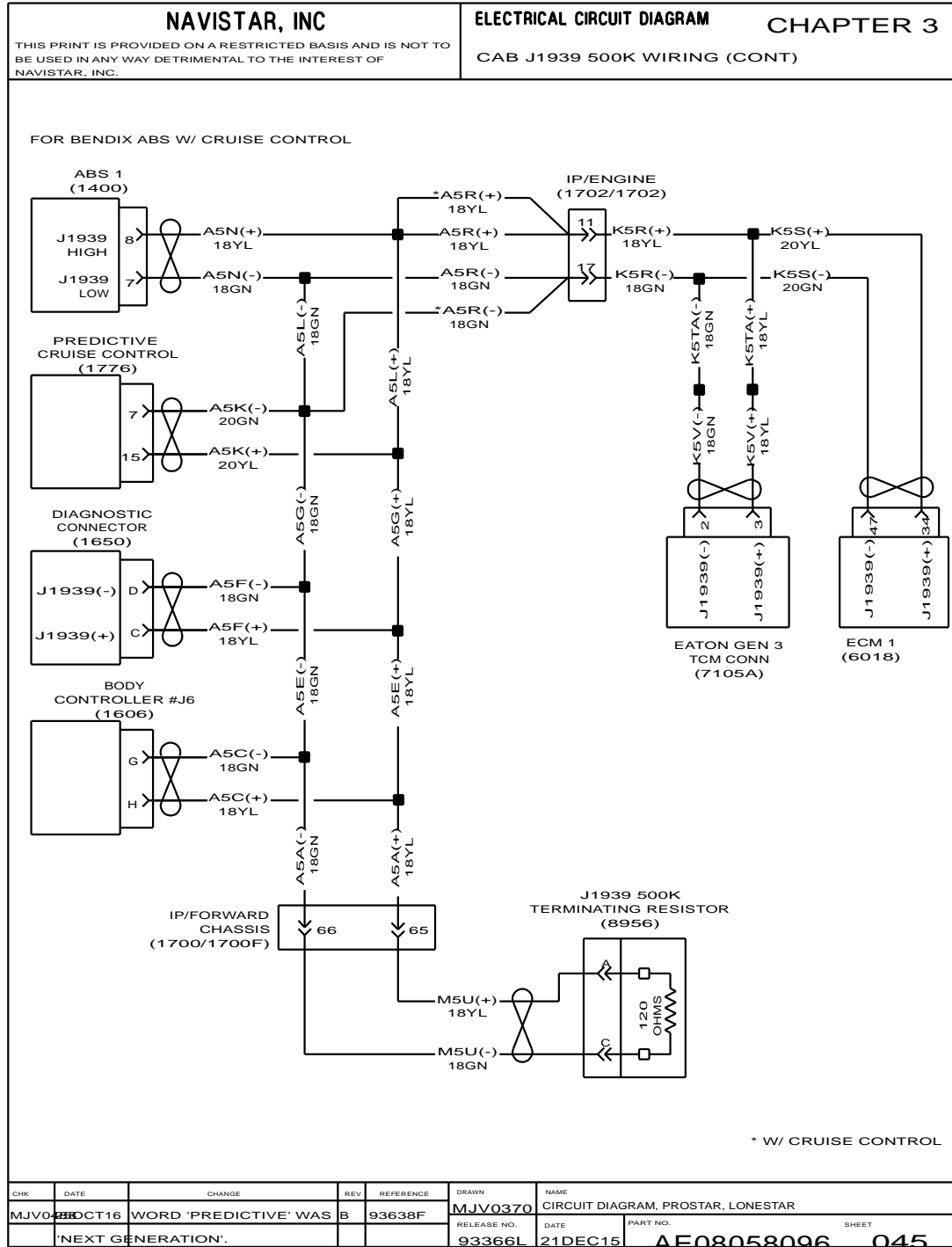


Figure 81 Cab J1939 500K Wiring (Cont.)

3.70. CAB J1939 500K WIRING (CONT.), P. 46

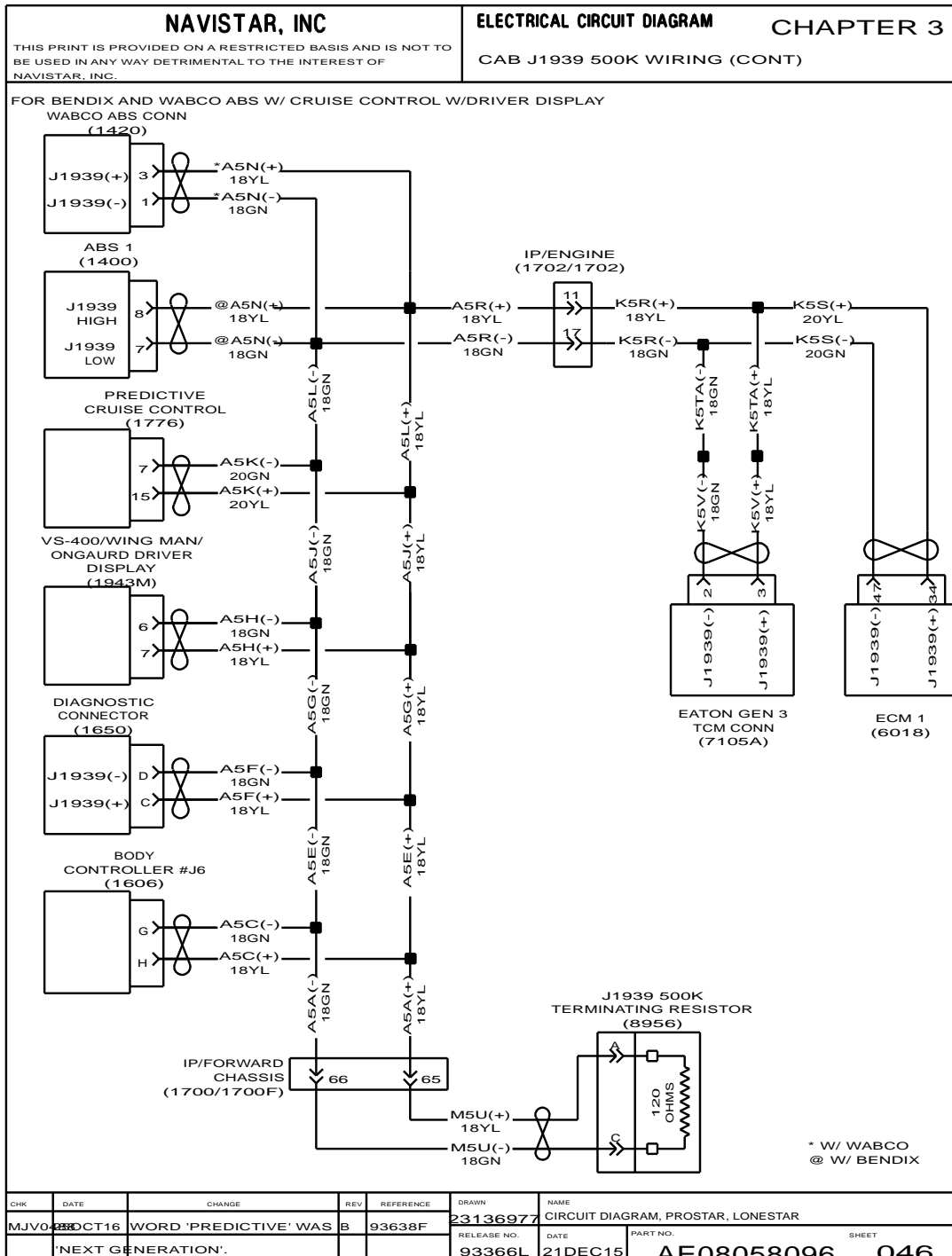


Figure 82 Cab J1939 500K Wiring (Cont.)



3.71. CAB J1939 500K WIRING (CONT.), P. 47

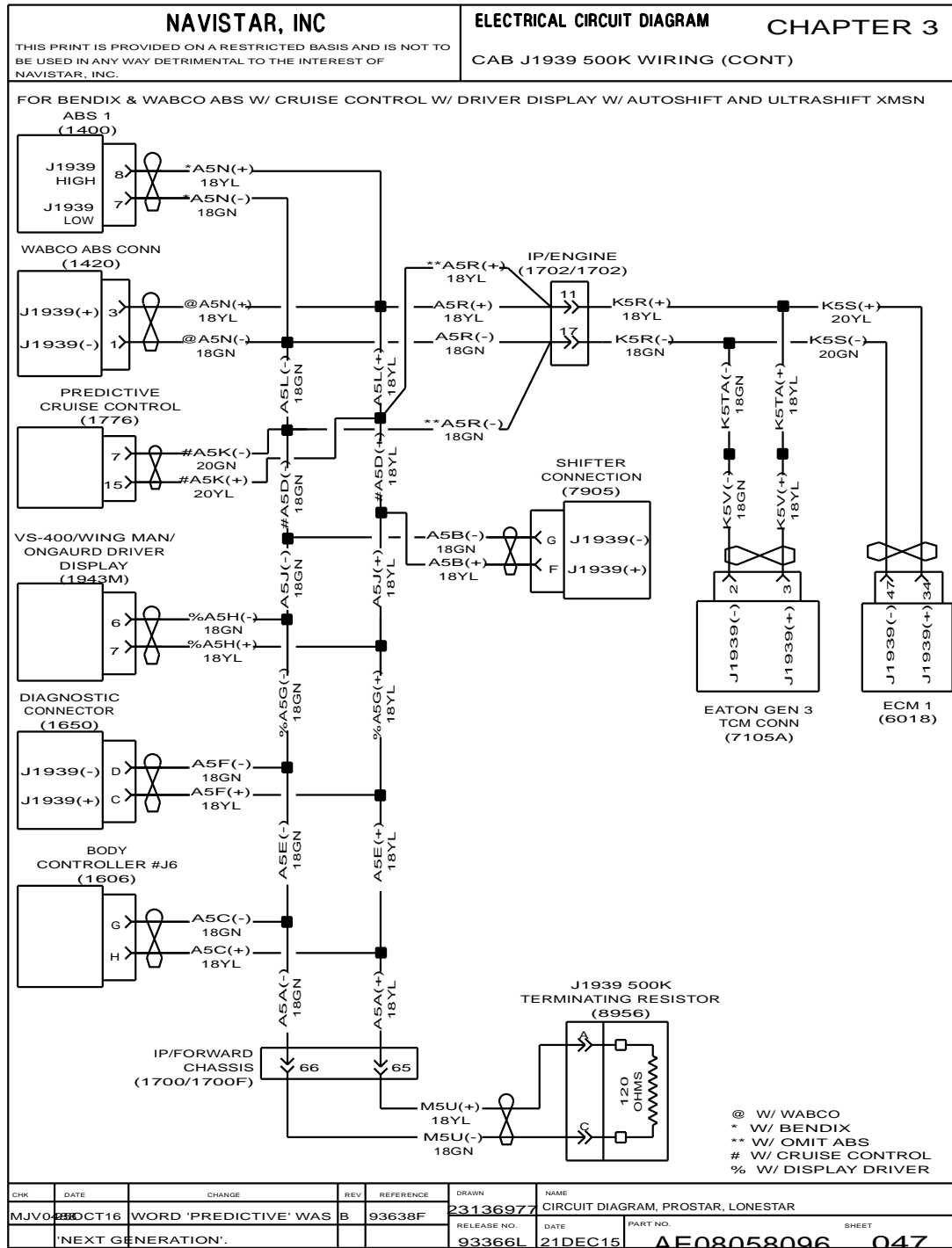


Figure 83 Cab J1939 500K Wiring (Cont.)

3.72. CAB J1939 500K WIRING (CONT.), P. 48

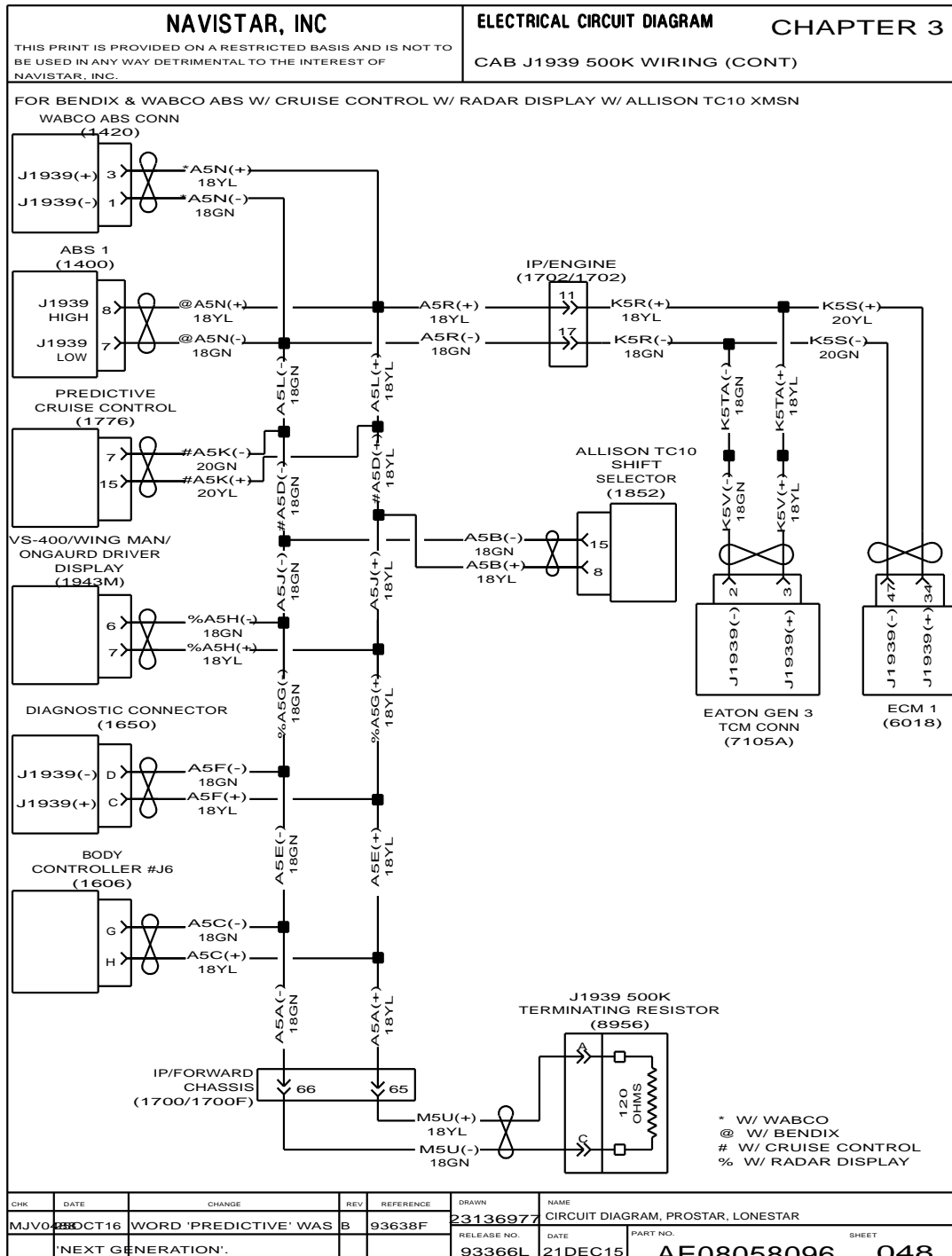


Figure 84 Cab J1939 500K Wiring (Cont.)

3.73. CAB J1939 500K WIRING (CONT.), P. 49

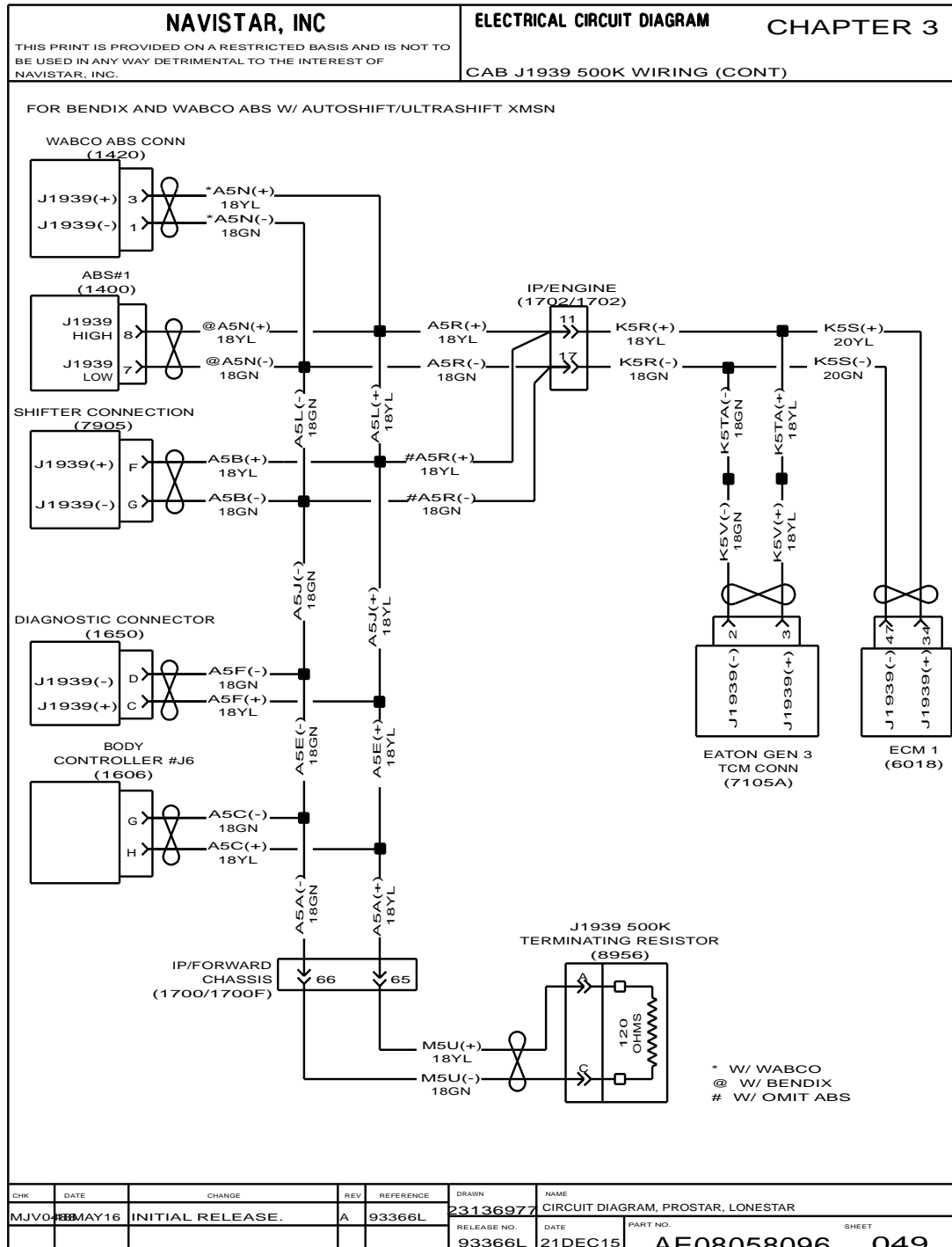


Figure 85 Cab J1939 500K Wiring (Cont.)

3.74. CAB J1939 500K WIRING (CONT.), P. 50

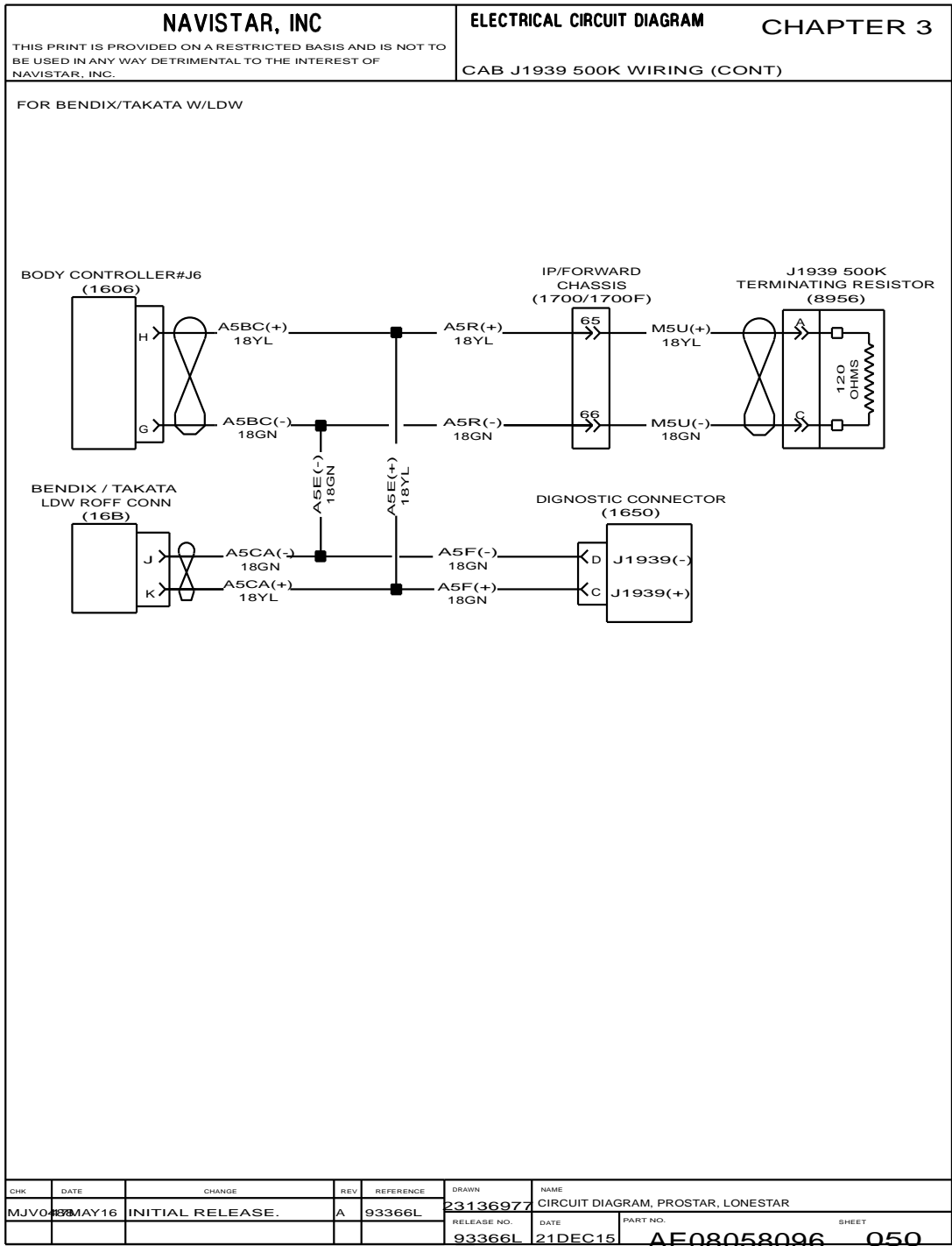


Figure 86 Cab J1939 500K Wiring (Cont.)

3.75. CAB J1939 500K WIRING (CONT.), P. 51

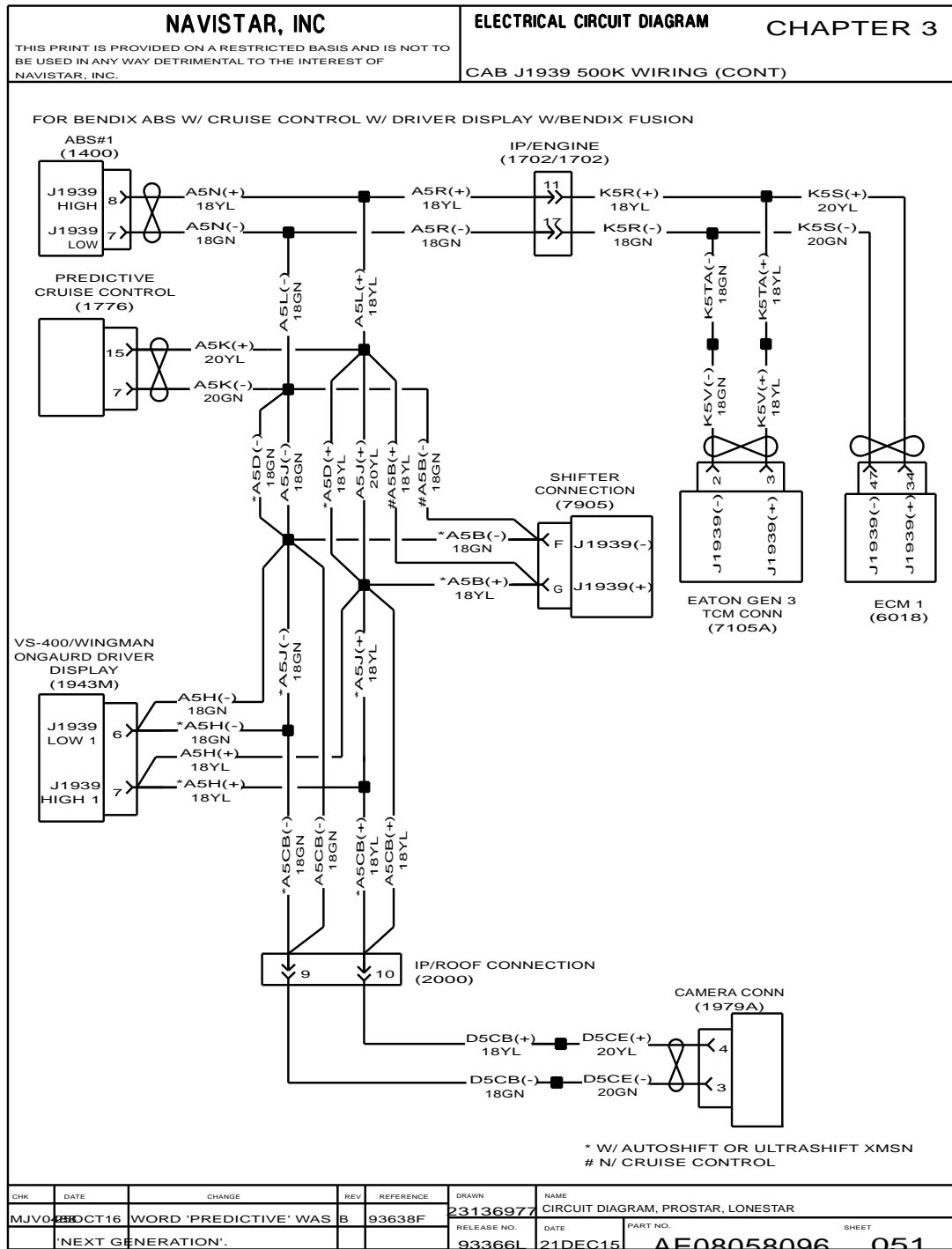


Figure 87 Cab J1939 500K Wiring (Cont.)

3.76. CAB J1939 500K WIRING (CONT.), P. 52

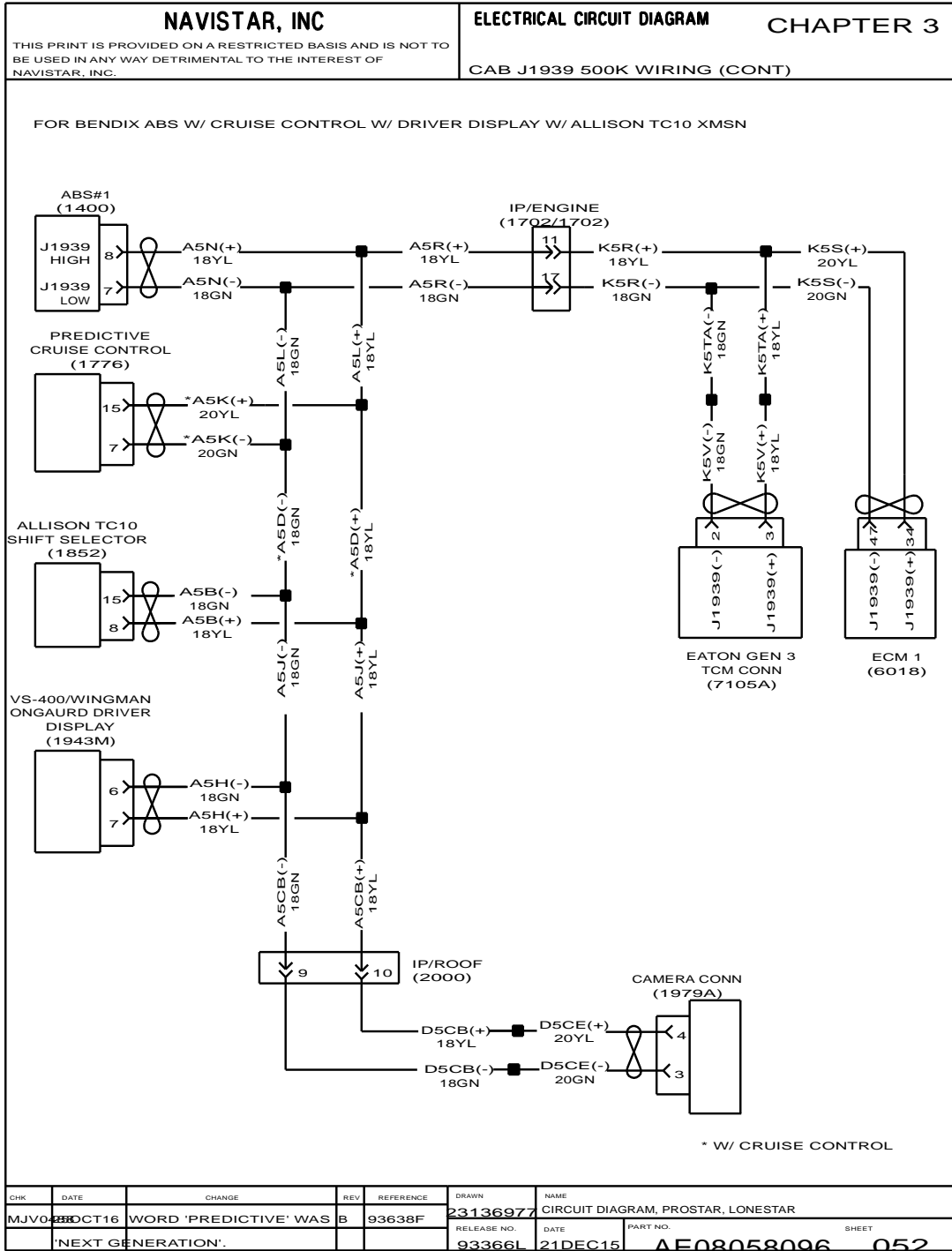


Figure 88 Cab J1939 500K Wiring (Cont.)

3.77. CAB J1939 250K WIRING, P. 53

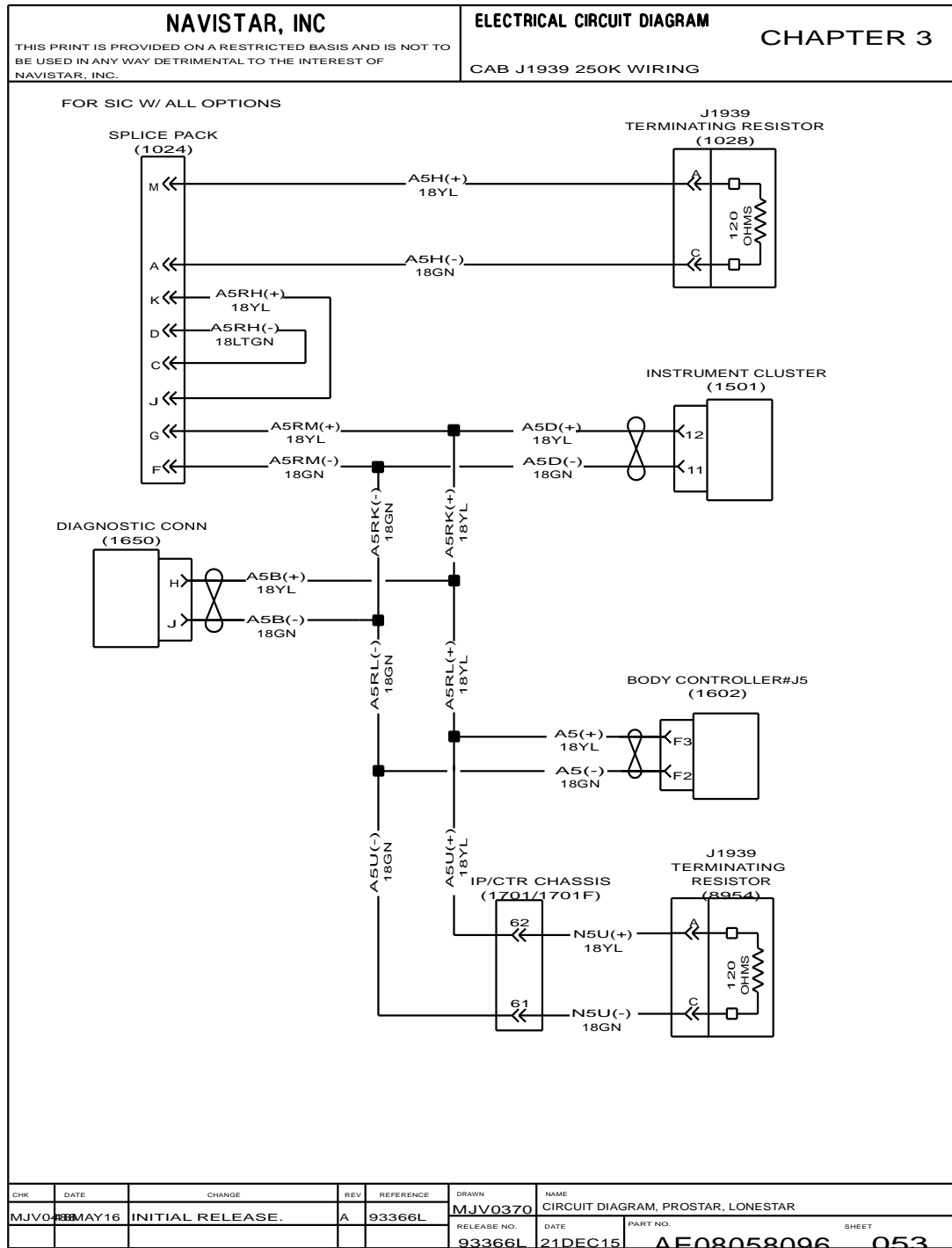


Figure 89 Cab J1939 250K Wiring

3.78. CAB J1939 250K WIRING (CONT.), P. 54

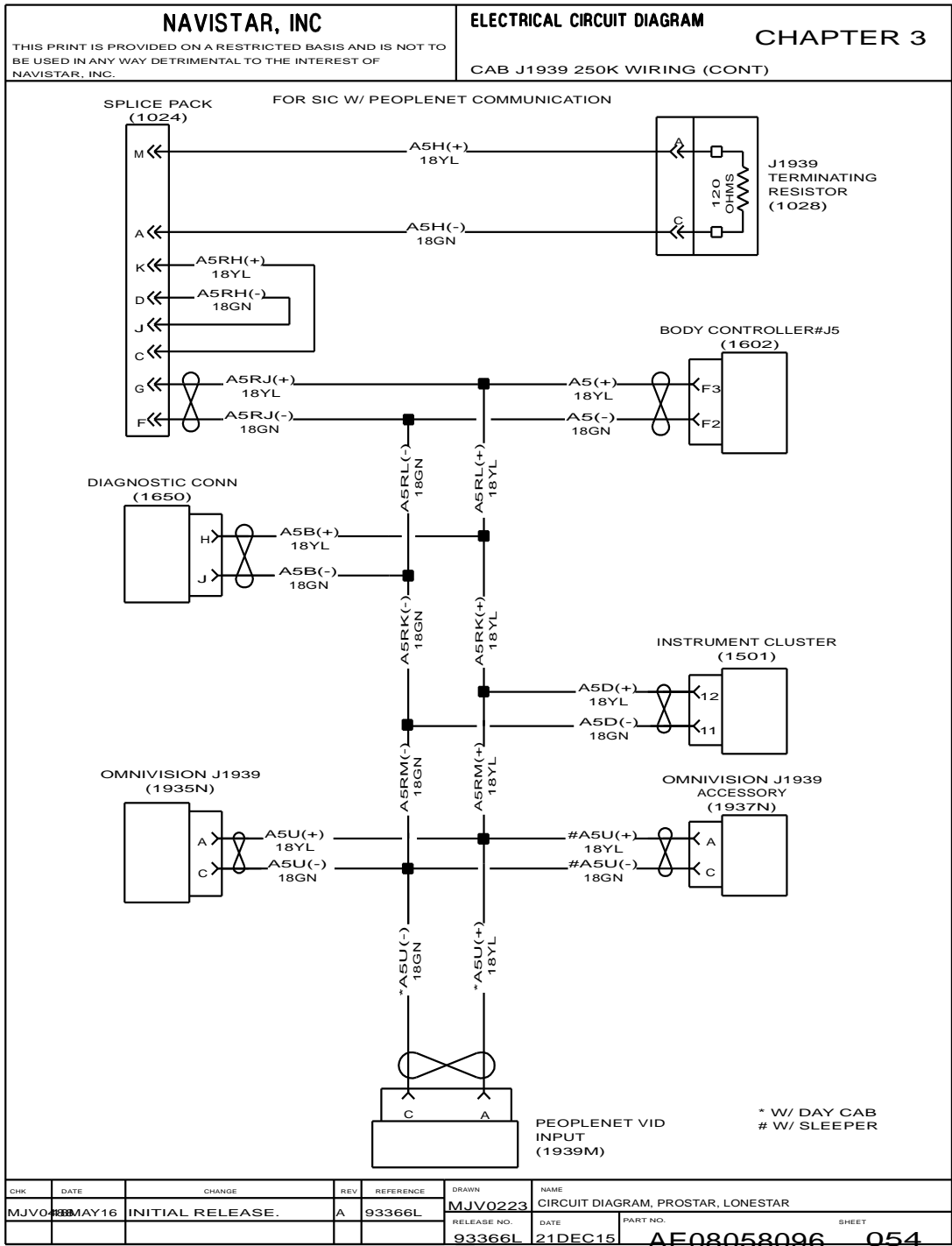


Figure 90 Cab J1939 250K Wiring (Cont.)



3.79. CAB J1939 250K WIRING (CONT.), P. 55

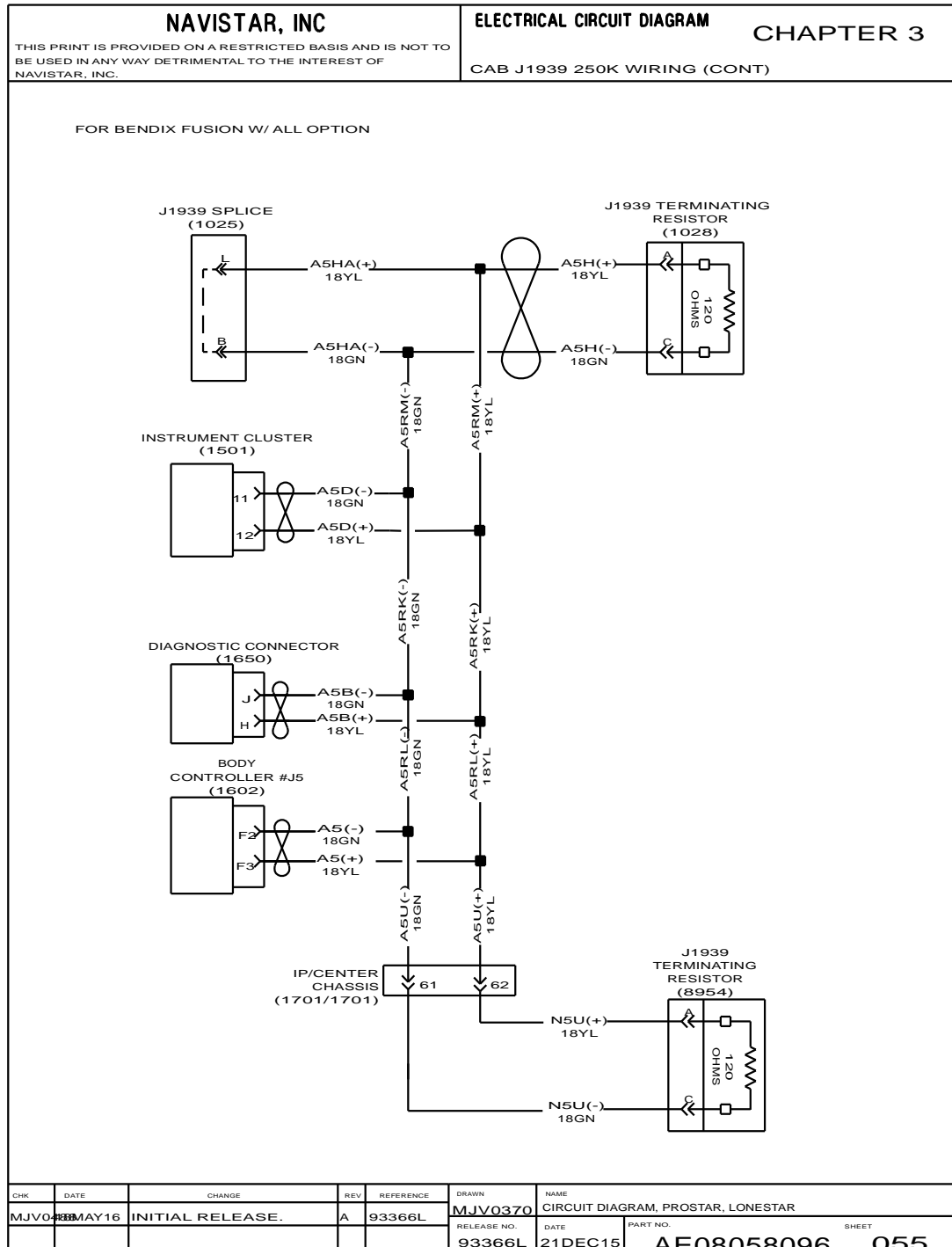


Figure 91 Cab J1939 250K Wiring (Cont.)

3.80. CAB J1939 250K WIRING (CONT.), P. 56

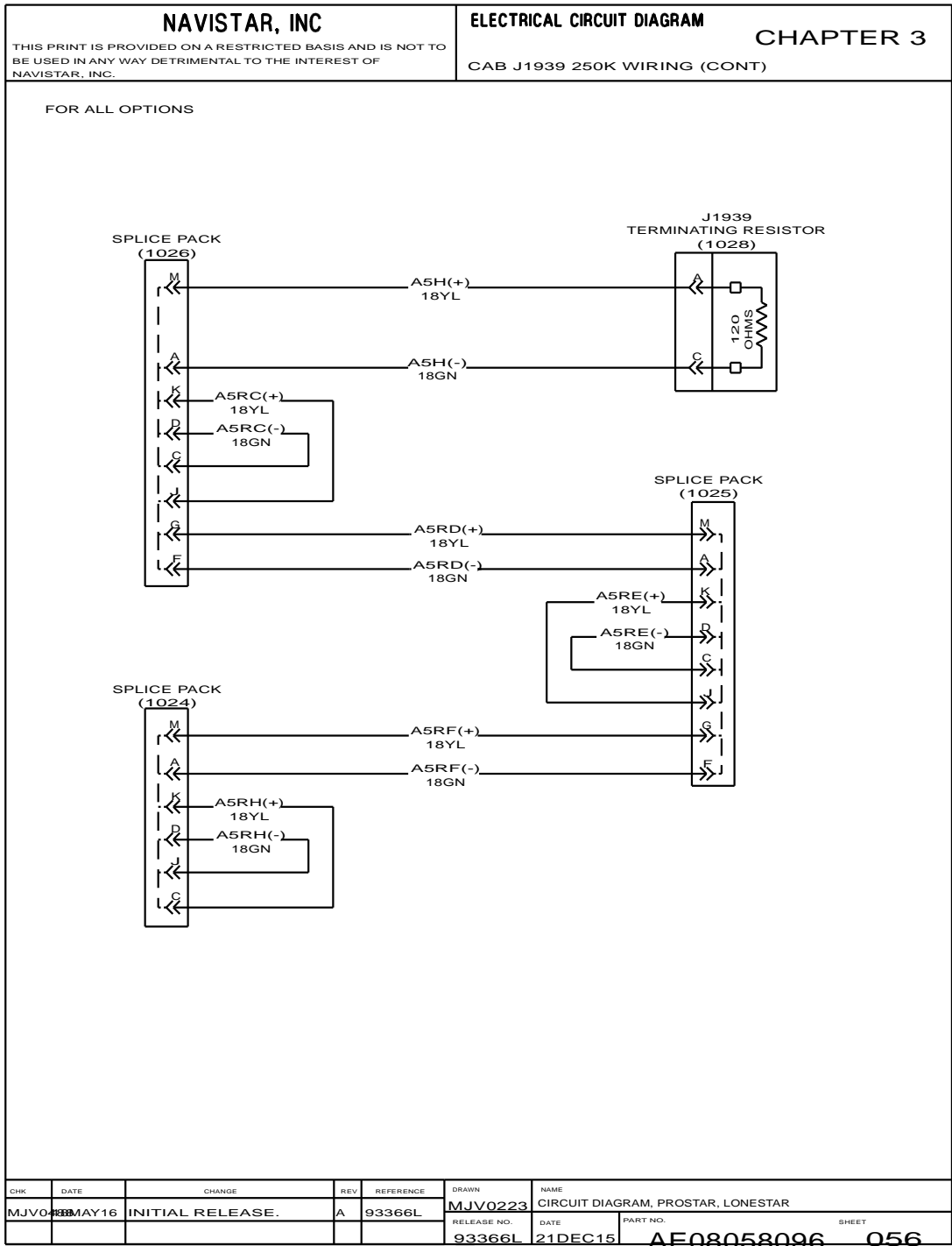


Figure 92 Cab J1939 250K Wiring (Cont.)

3.81. CAB J1939 250K WIRING (CONT.), P. 57

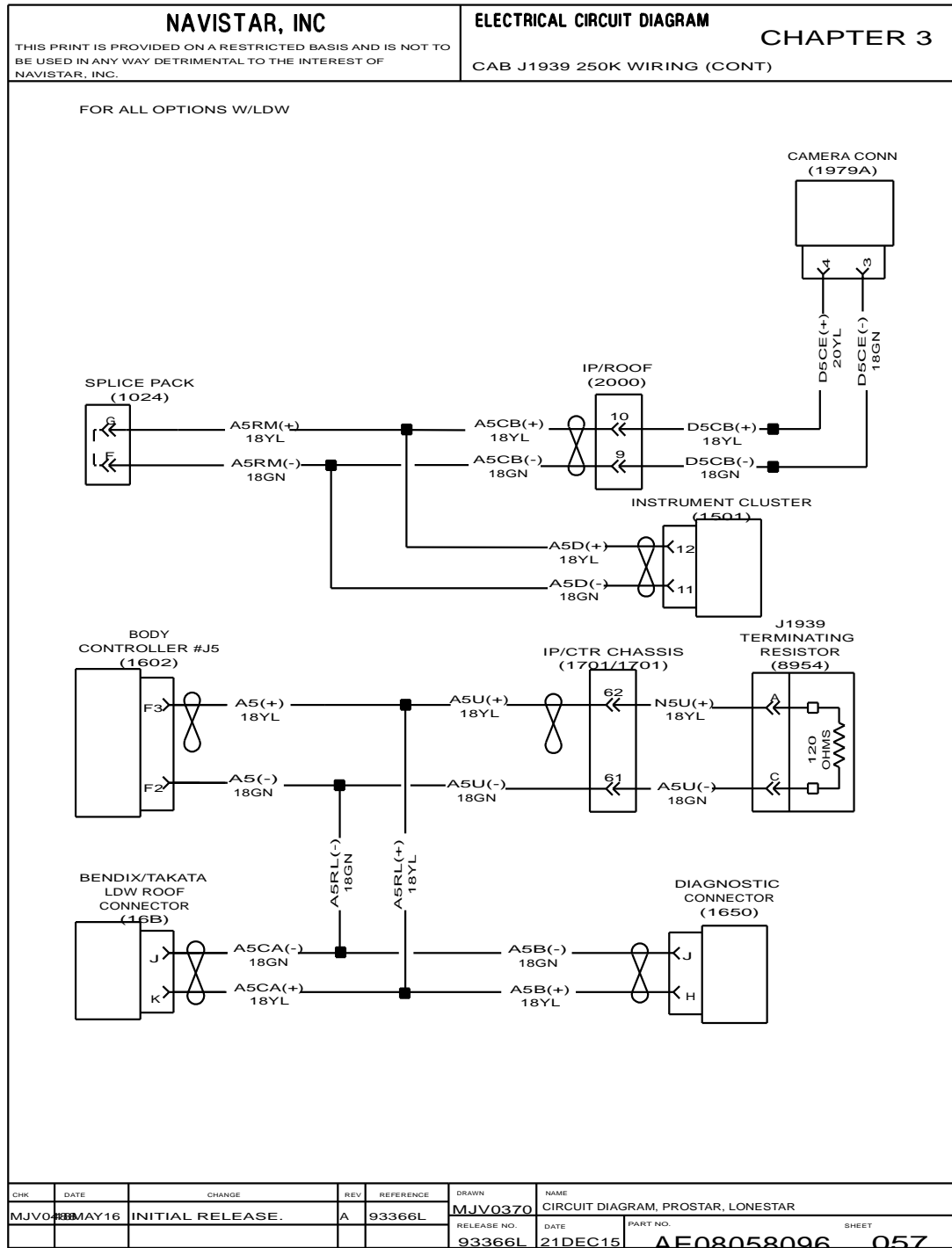


Figure 93 Cab J1939 250K Wiring (Cont.)

3.82. CAB J1939 250K WIRING (CONT.), P. 58

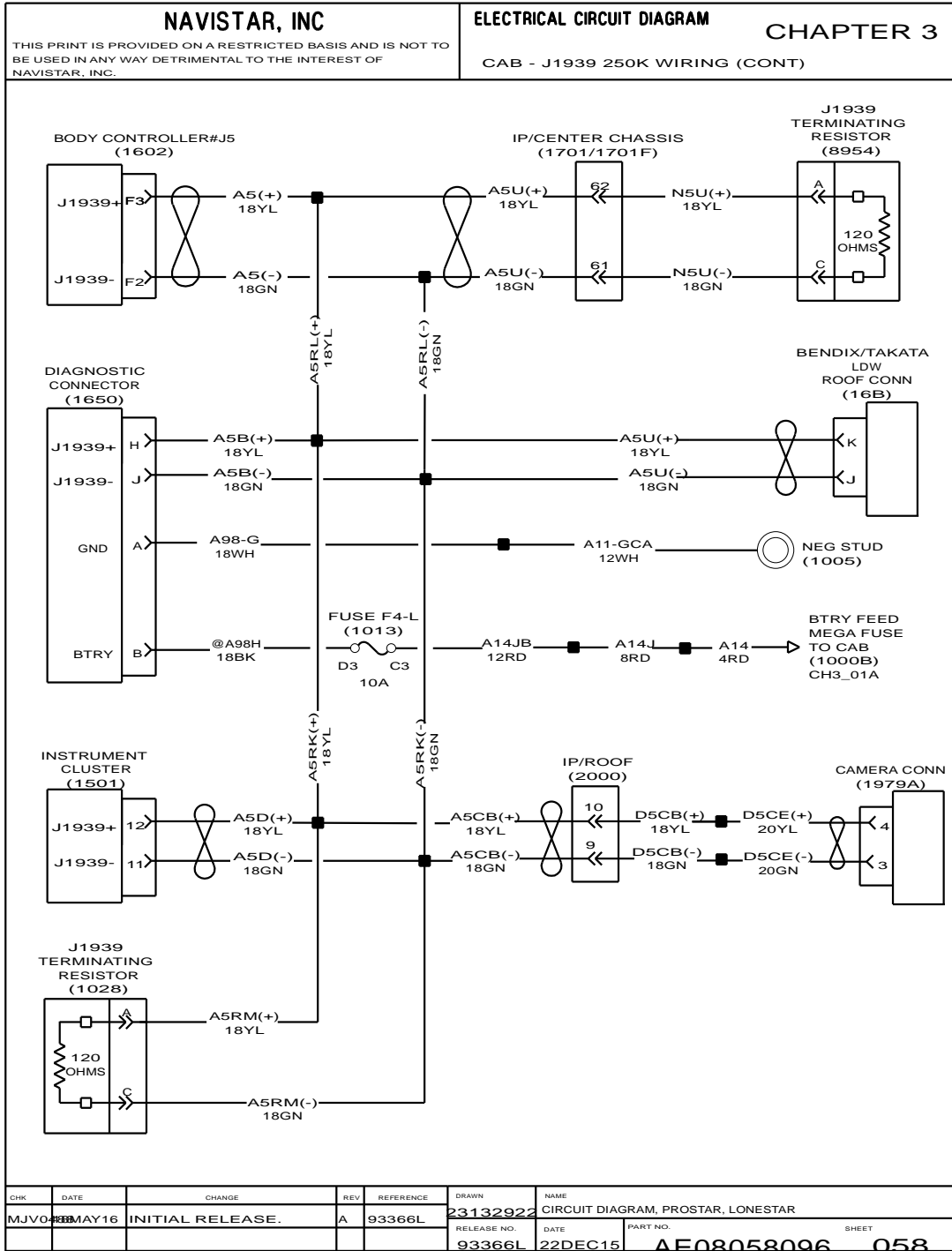


Figure 94 Cab J1939 250K Wiring (Cont.)

# CAB ACCESSORIES (CHAPTER 4)

## 4.1. CB POWER RADIO, P. 1

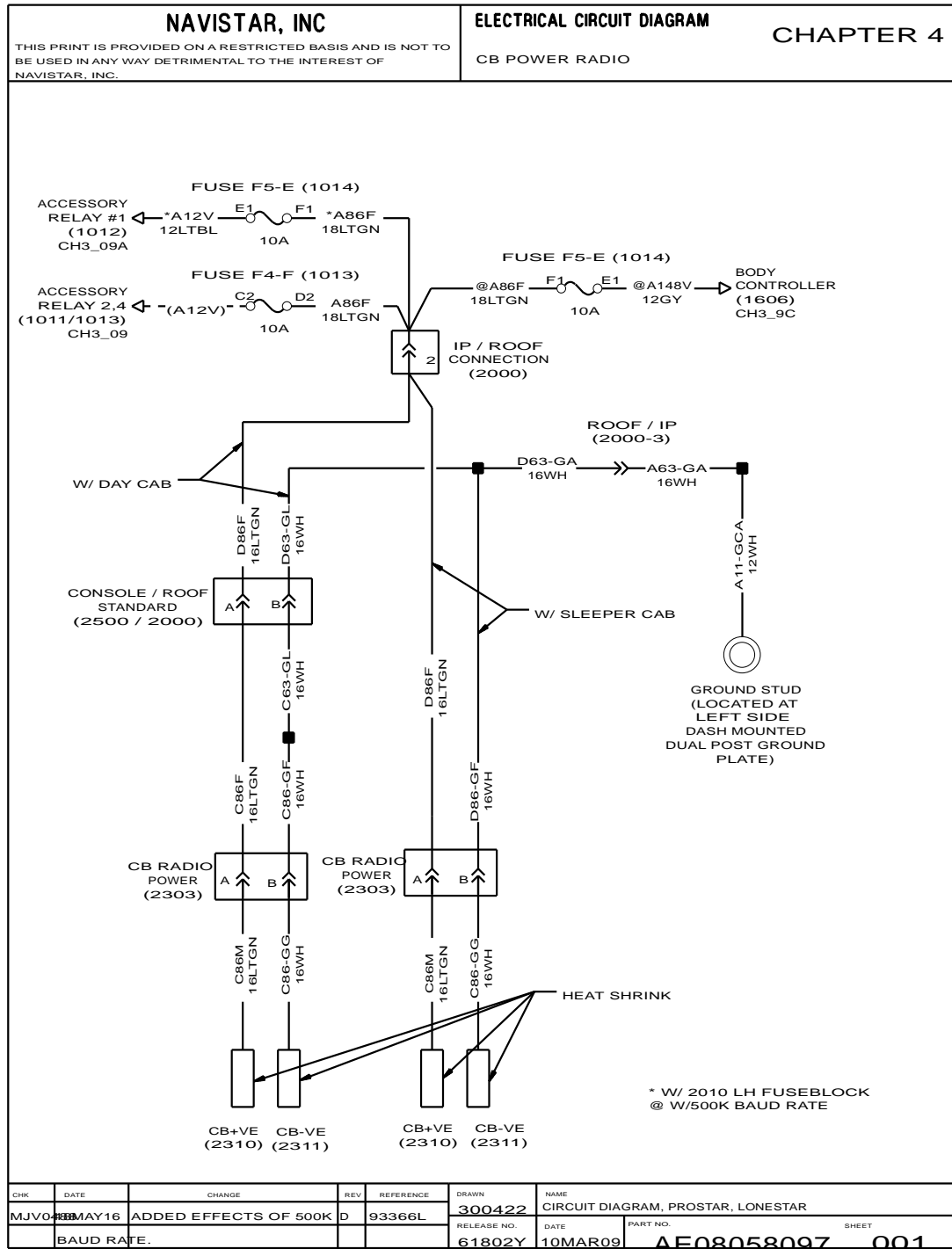


Figure 95 CB Power Radio

4.2. CIGAR LIGHTER, TEMPERATURE DISPLAY AND AUX POWER, P. 2

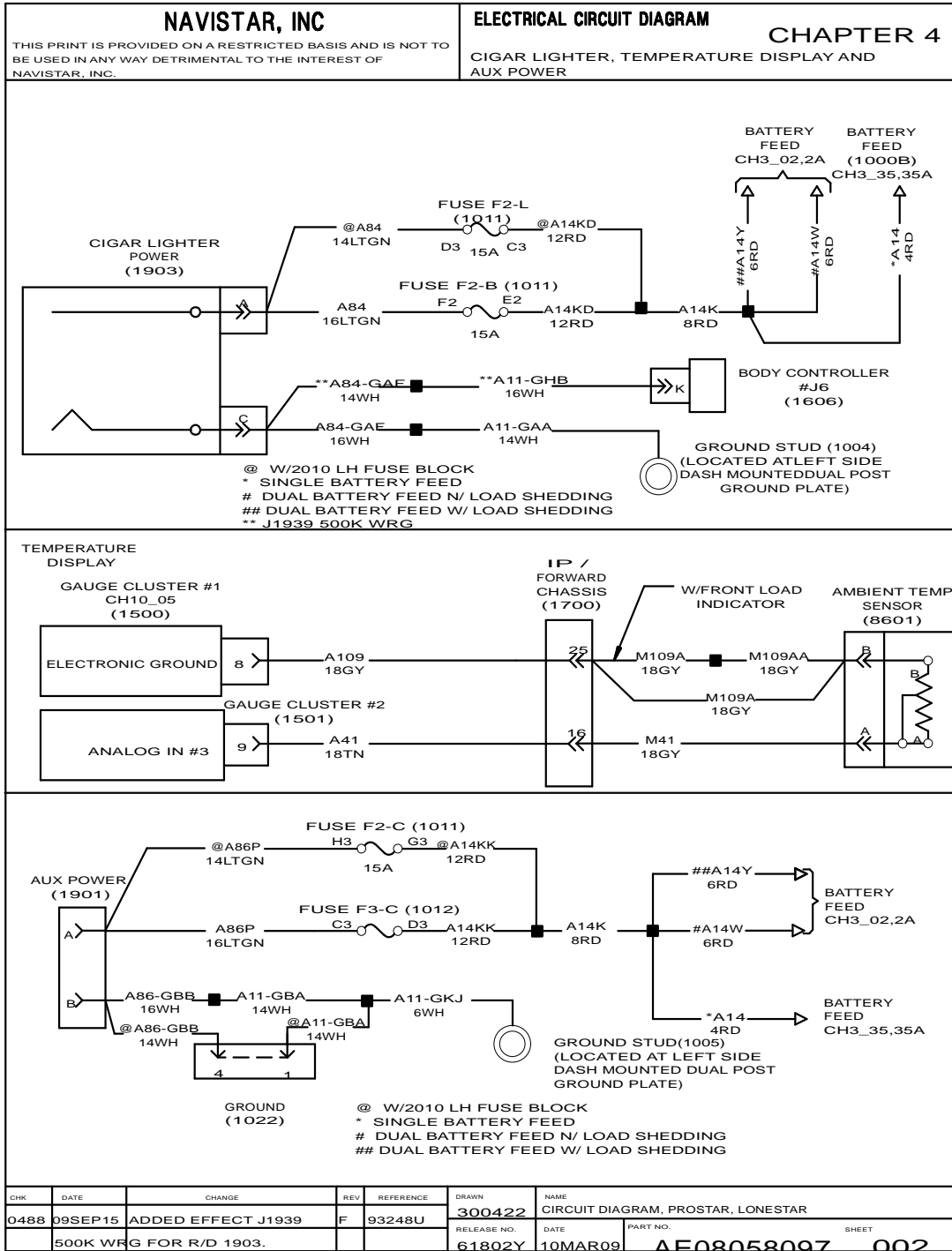


Figure 96 Cigar Lighter, Temperature Display and Aux Power

4.3. ELECTRIC WINDOWS AND DOOR LOCKS, P. 3

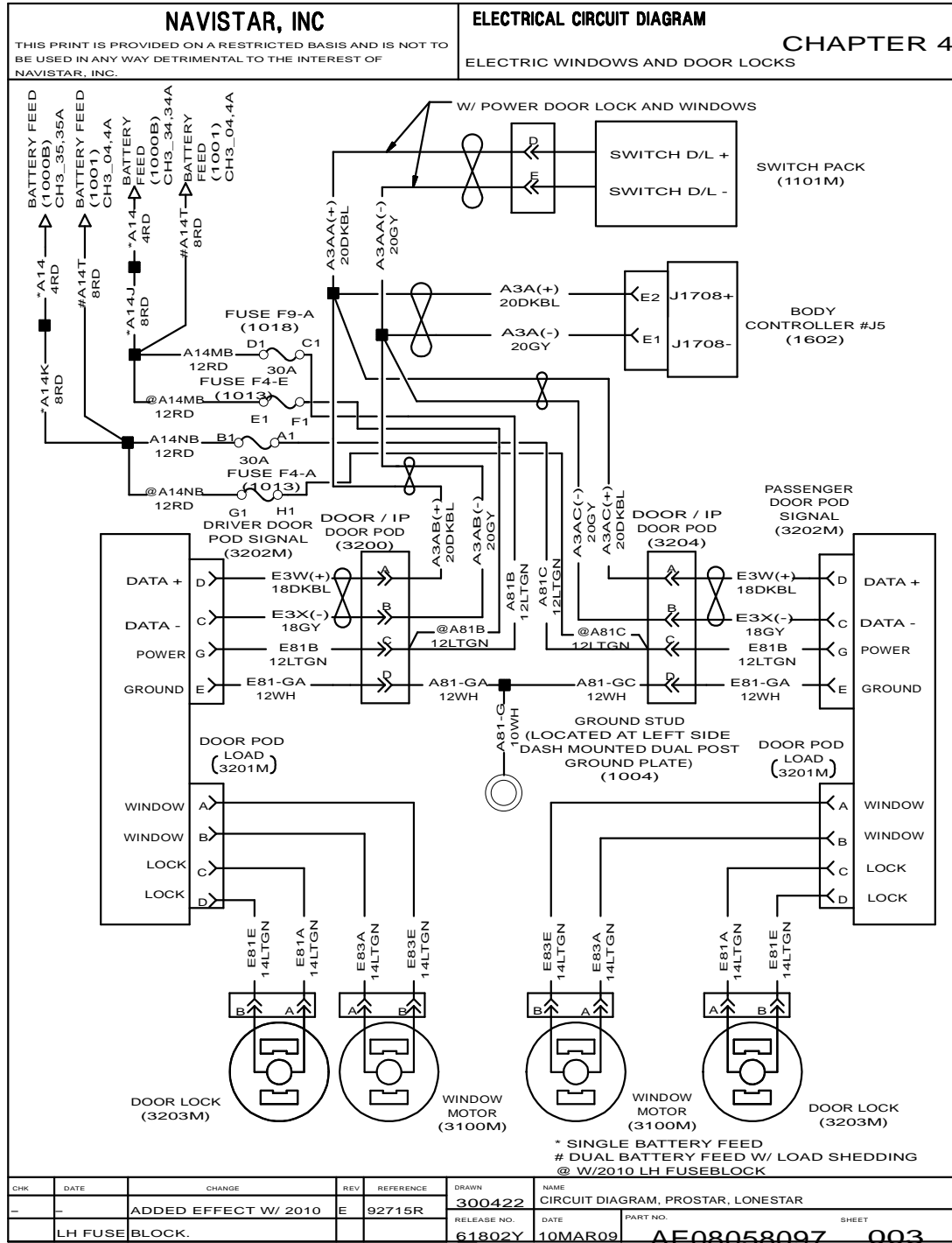


Figure 97 Electric Windows and Door Locks

4.4. ELECTRIC HORN, P. 4

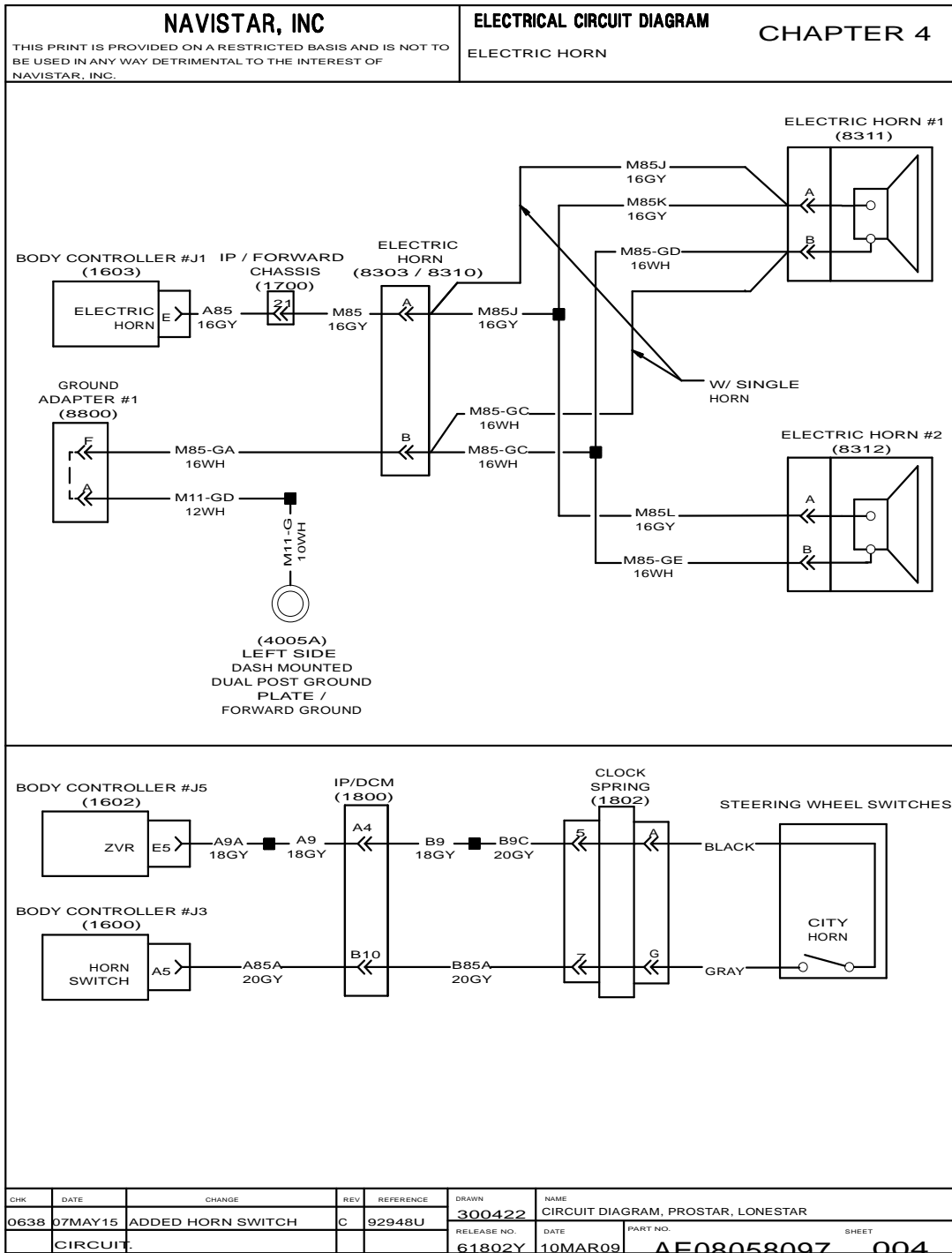


Figure 98 Electric Horn



4.5. AIR HORN, P. 4A

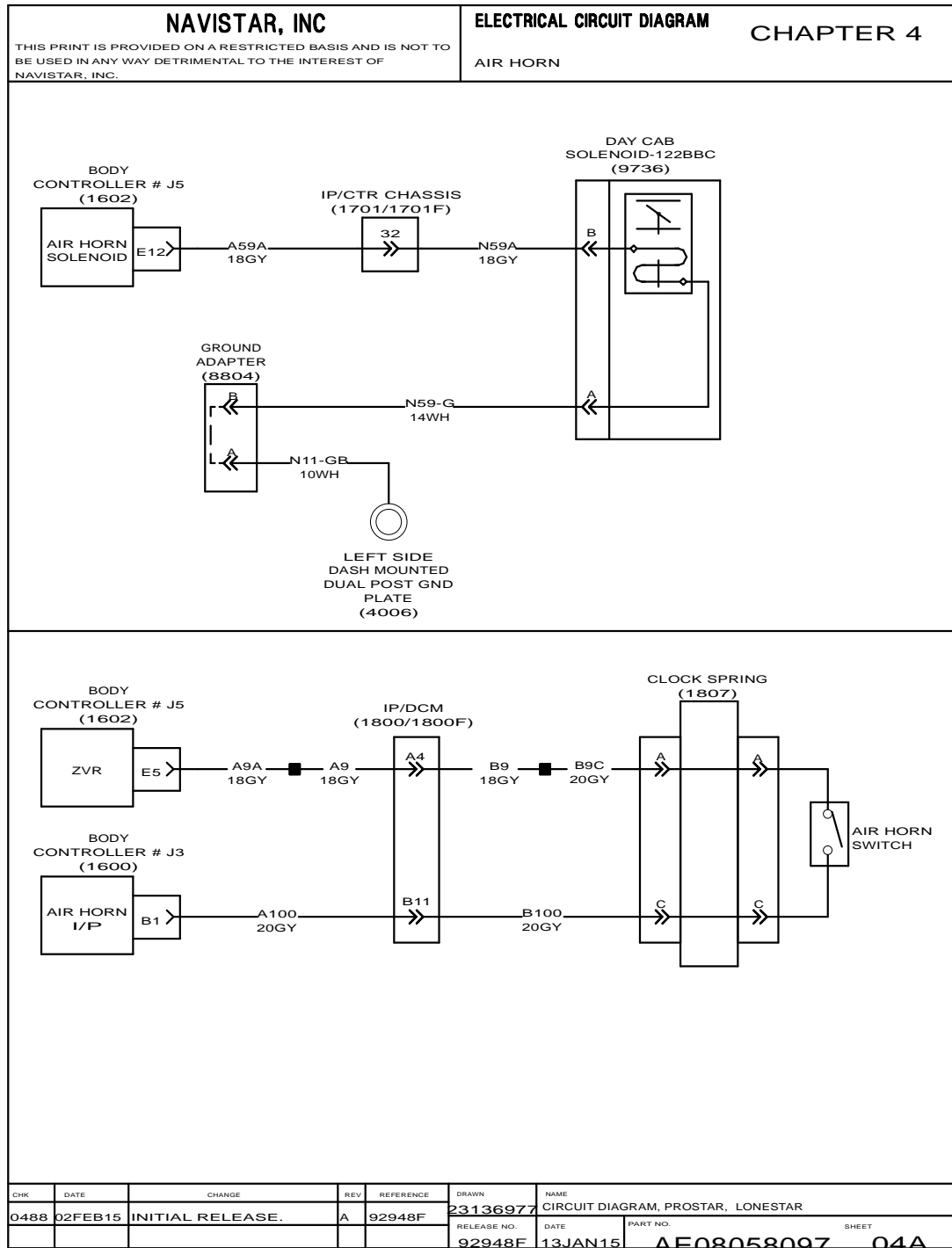


Figure 99 Air Horn

4.6. MIRRORS HEATED AND LIGHTED, P. 5

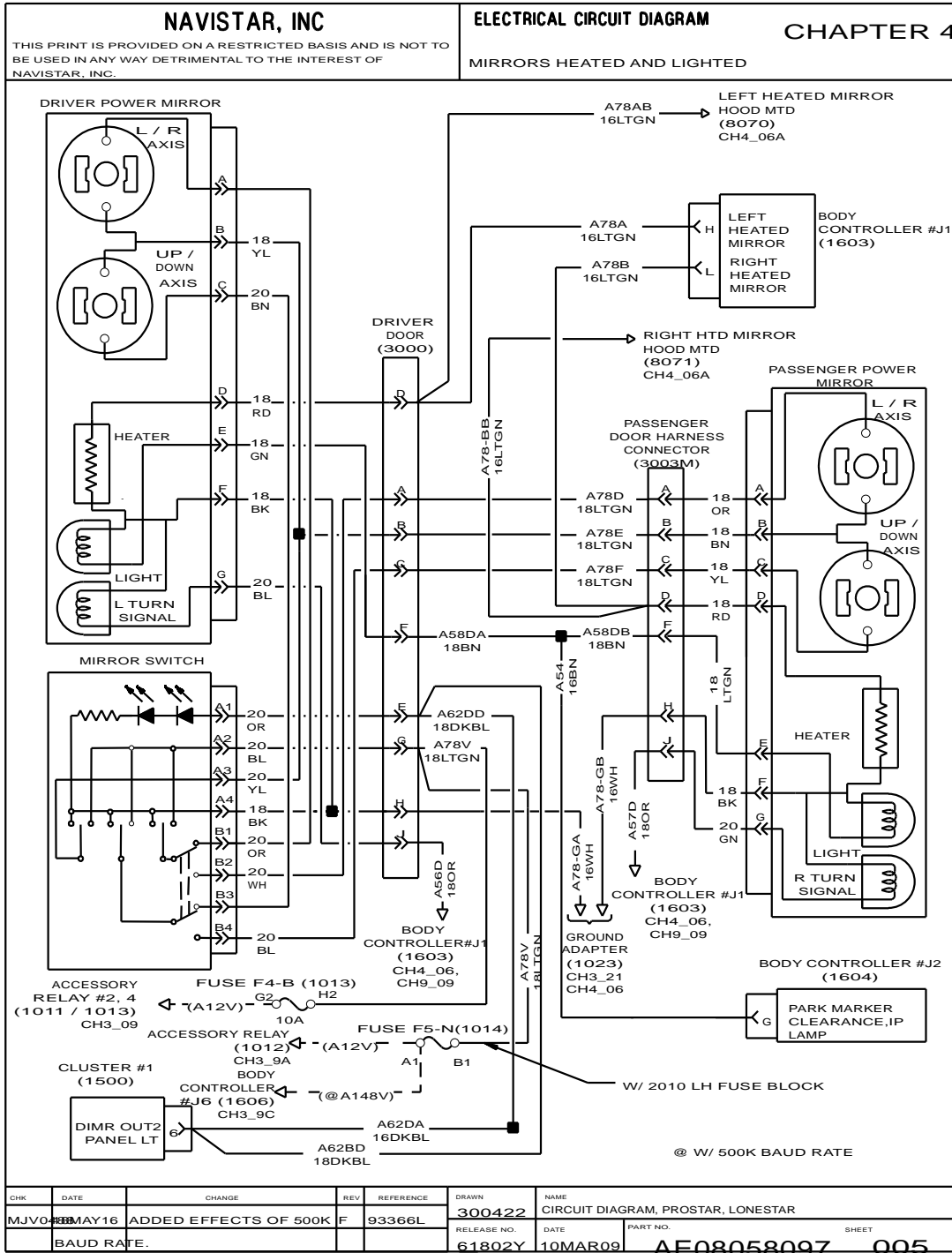


Figure 100 Mirrors Heated and Lighted

4.7. MIRRORS HEATED AND LIGHTED (CONT.), P. 6

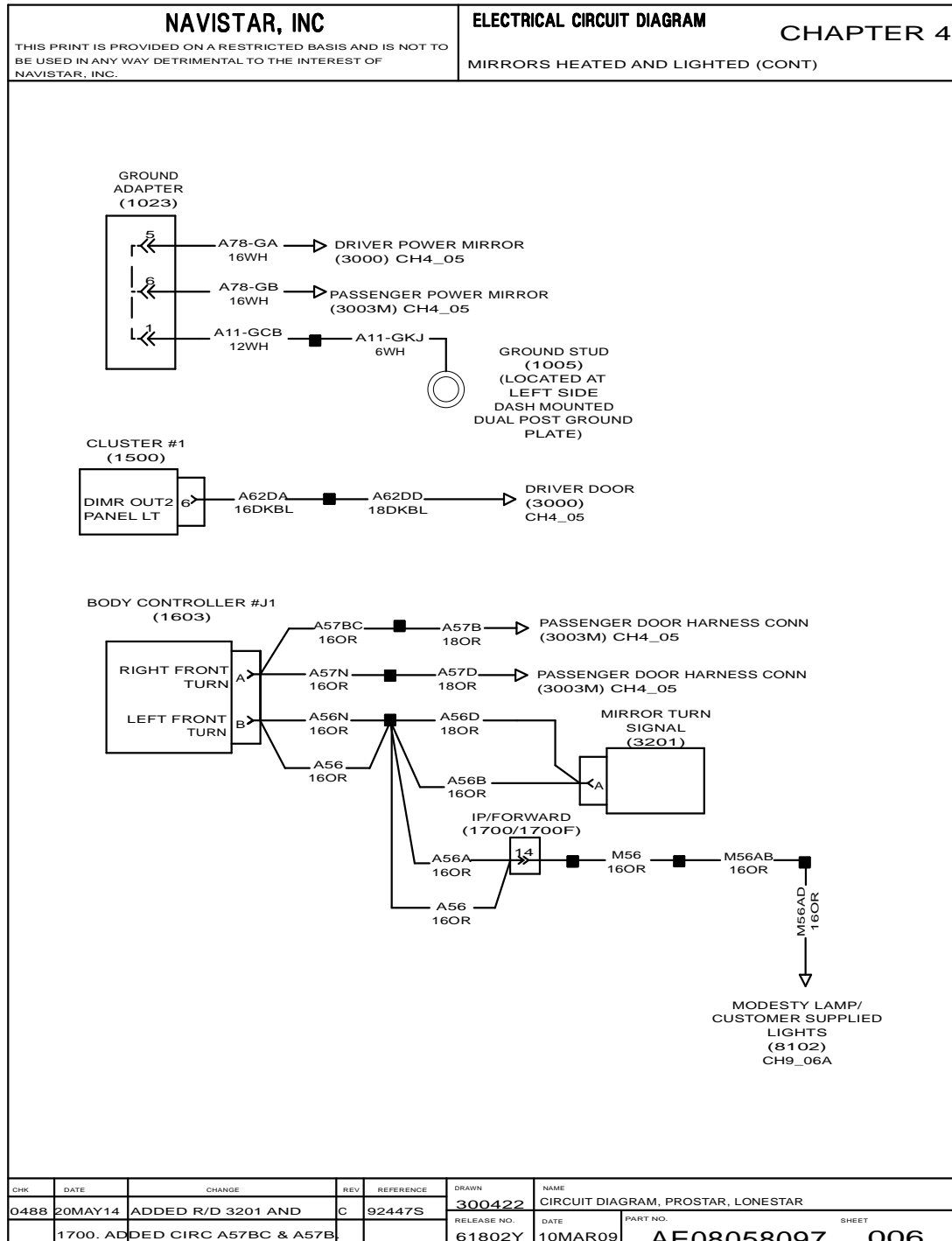


Figure 101 Mirrors Heated and Lighted (Cont.)

4.8. HEATED MIRROR HOOD MOUNTED – ISX ENGINE, P. 6A

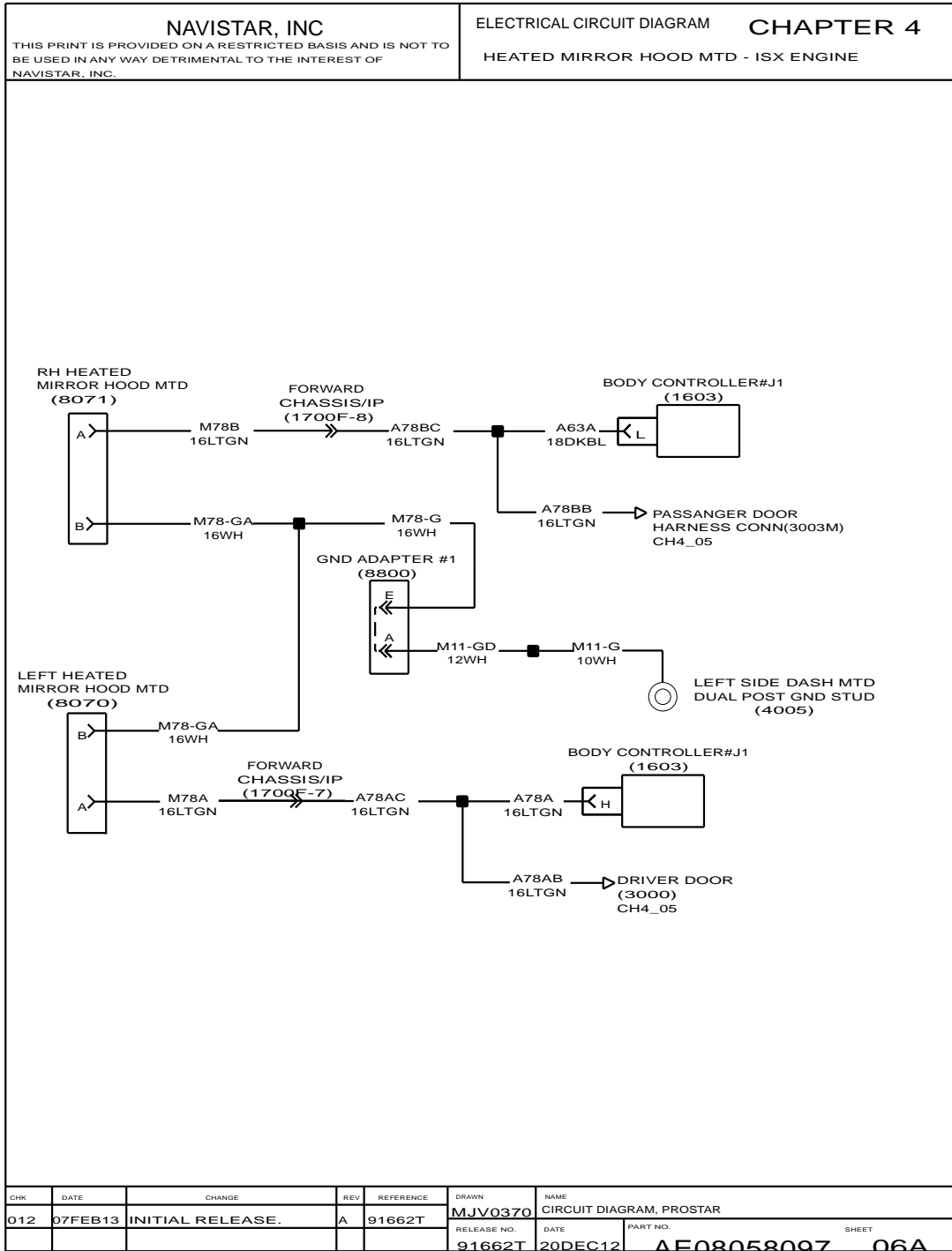


Figure 102 Heated Mirror Hood Mounted – ISX Engine

4.9. INTENTIONALLY LEFT BLANK, P. 7

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 4</b>	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				INTENTIONALLY LEFT BLANK			
<b>INTENTIONALLY LEFT BLANK</b>							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
					RELEASE NO.	DATE	PART NO. SHEET

Figure 103 Intentionally Left Blank

4.10. SATELLITE COMMUNICATION SYSTEM – QUALCOMM TERRESTRIAL MOBILE COMMUNICATIONS TERMINAL DAYCAB, P. 8

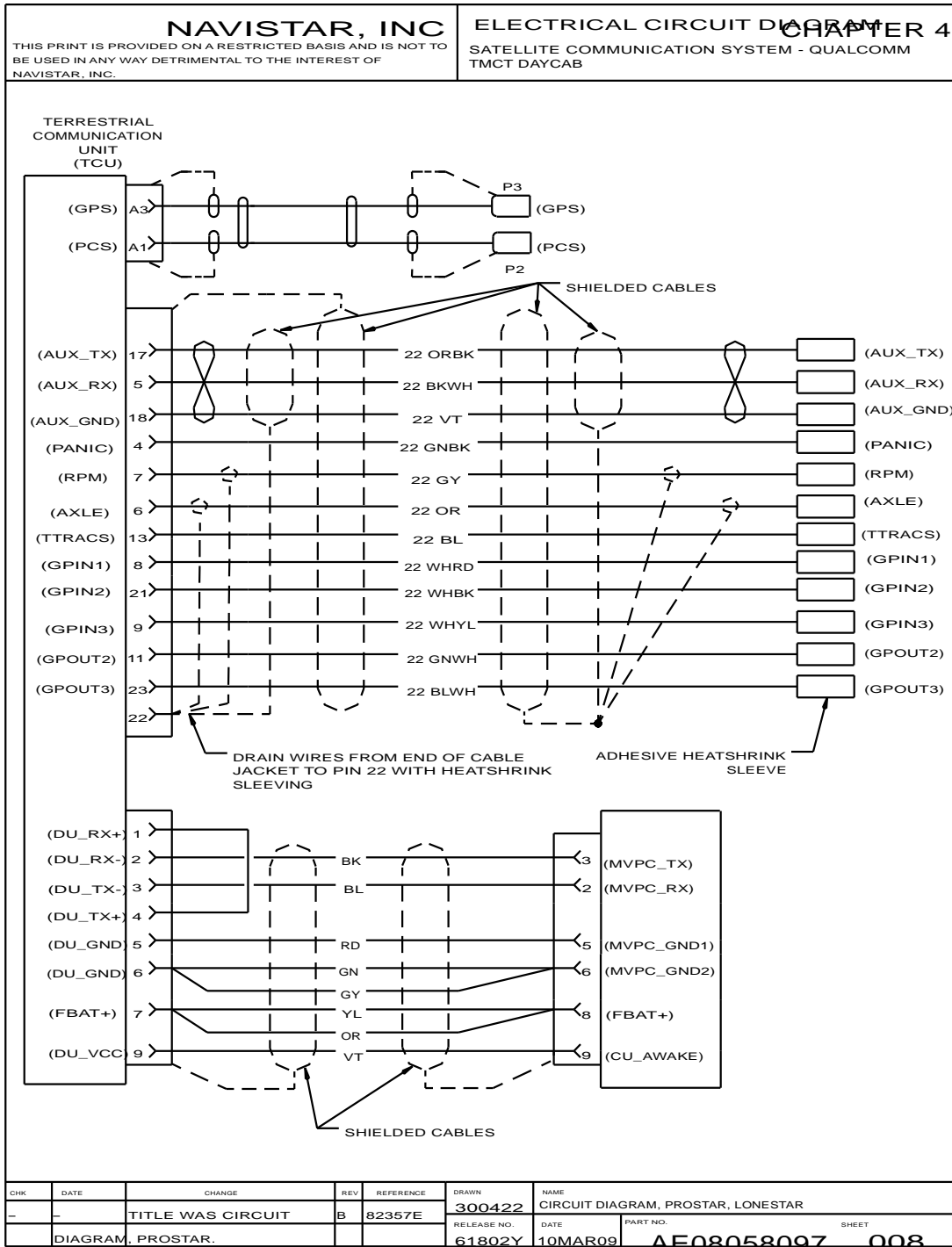


Figure 104 Satellite Communication System – Qualcomm Terrestrial Mobile Communications Terminal Daycab

4.11. SATELLITE COMMUNICATION SYSTEM – QUALCOMM TERRESTRIAL MOBILE COMMUNICATIONS TERMINAL DAYCAB (CONT.), P. 9

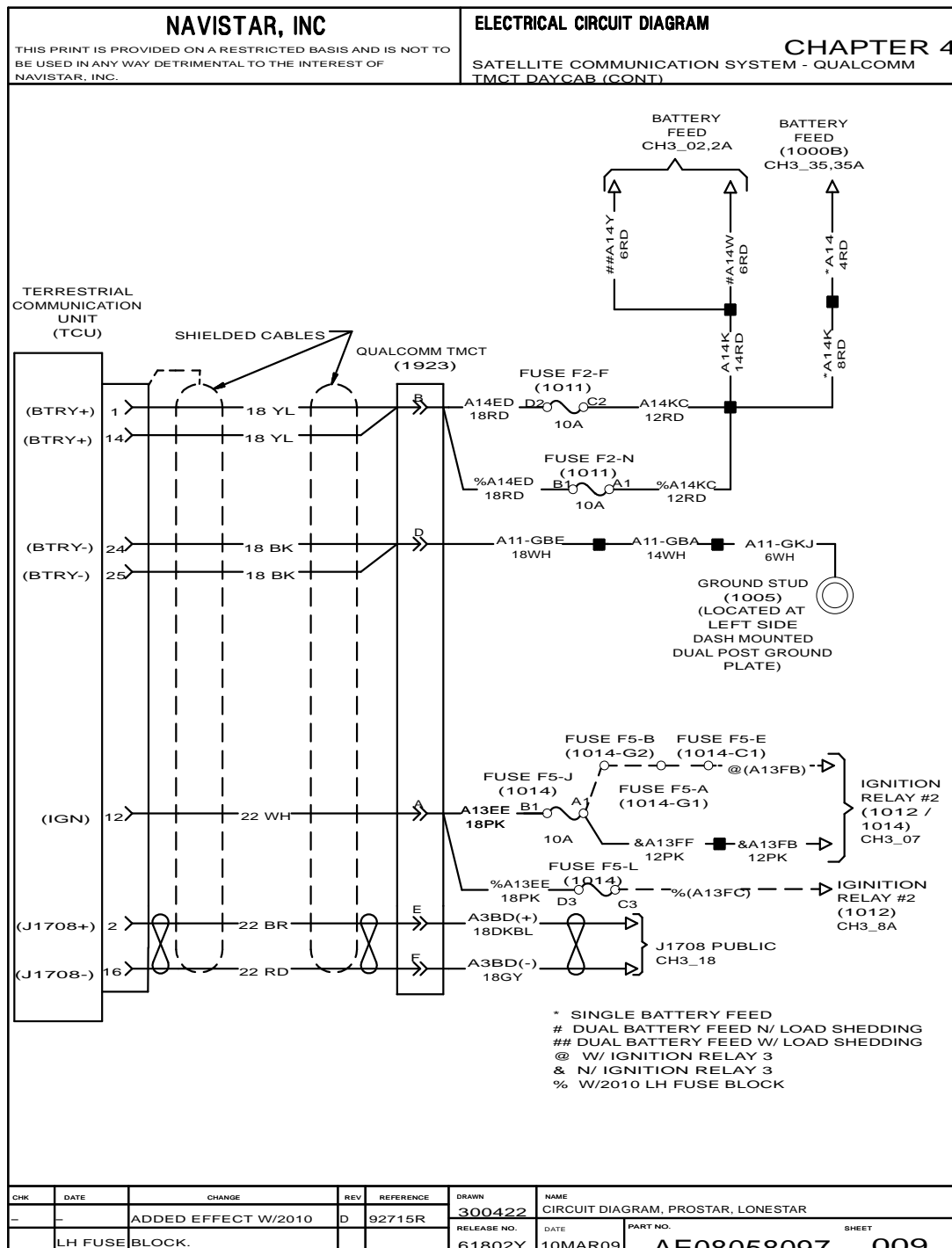
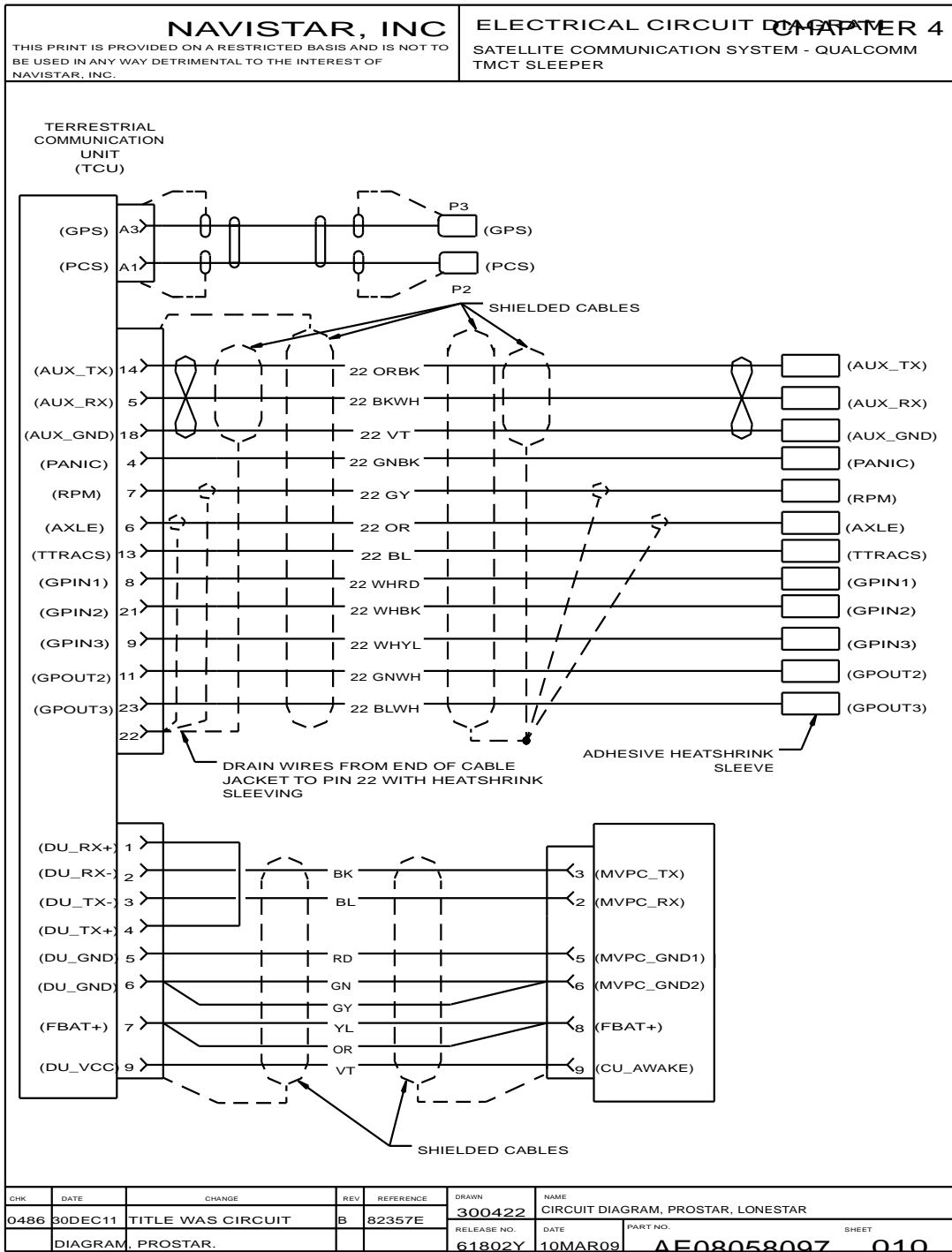


Figure 105 Satellite Communication System – Qualcomm Terrestrial Mobile Communications Terminal Daycab (Cont.)

4.12. SATELLITE COMMUNICATION SYSTEM – QUALCOMM TERRESTRIAL MOBILE COMMUNICATIONS TERMINAL SLEEPER, P. 10





4.13. SATELLITE COMMUNICATION SYSTEM – QUALCOMM TERRESTRIAL MOBILE COMMUNICATIONS TERMINAL SLEEPER (CONT.), P. 11

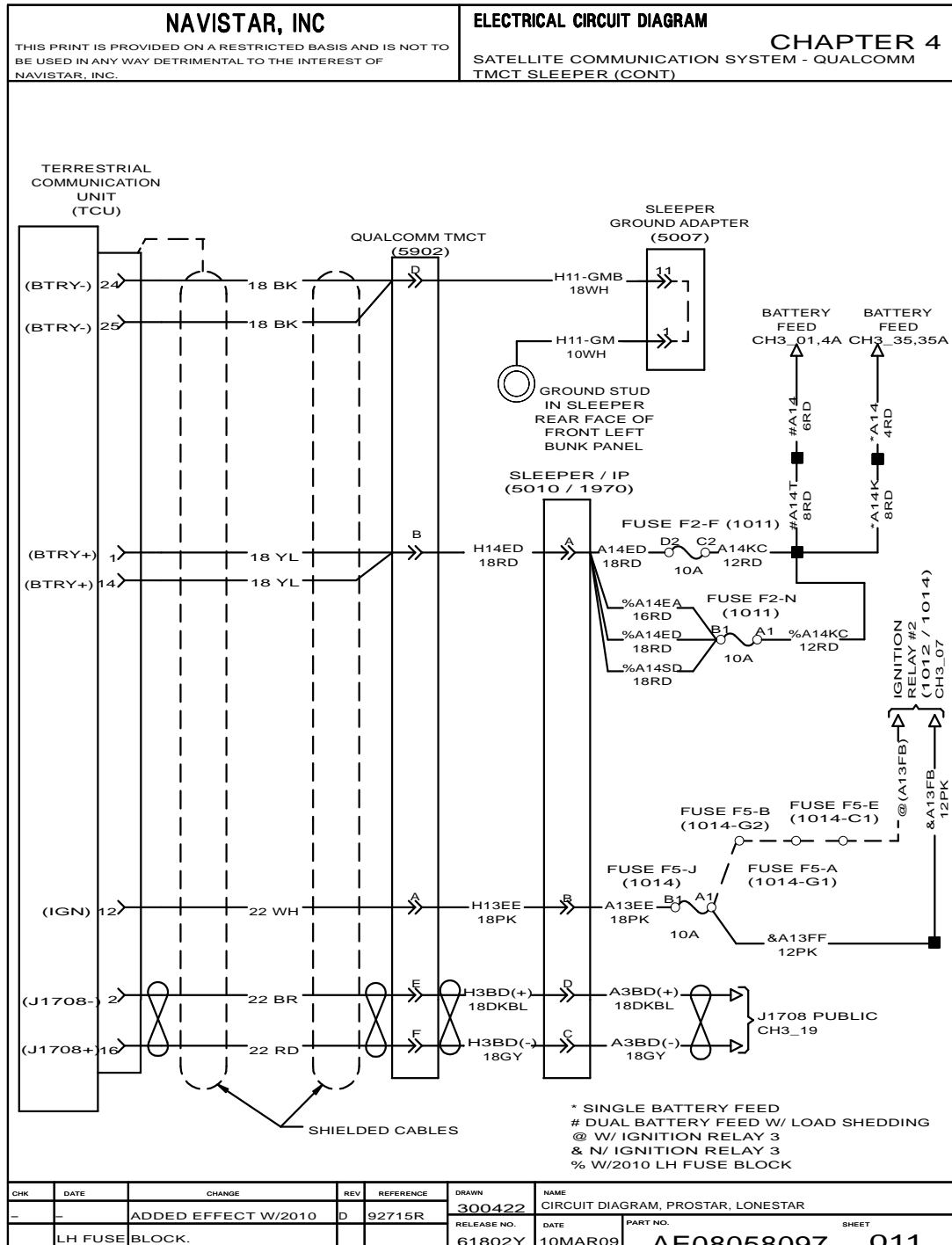


Figure 107 Satellite Communication System – Qualcomm Terrestrial Mobile Communications Terminal SLEEPER (Cont.)

4.14. SATELLITE COMMUNICATION SYSTEM – QUALCOMM INTEGRATED MOBILE COMMUNICATIONS TERMINAL, P. 12

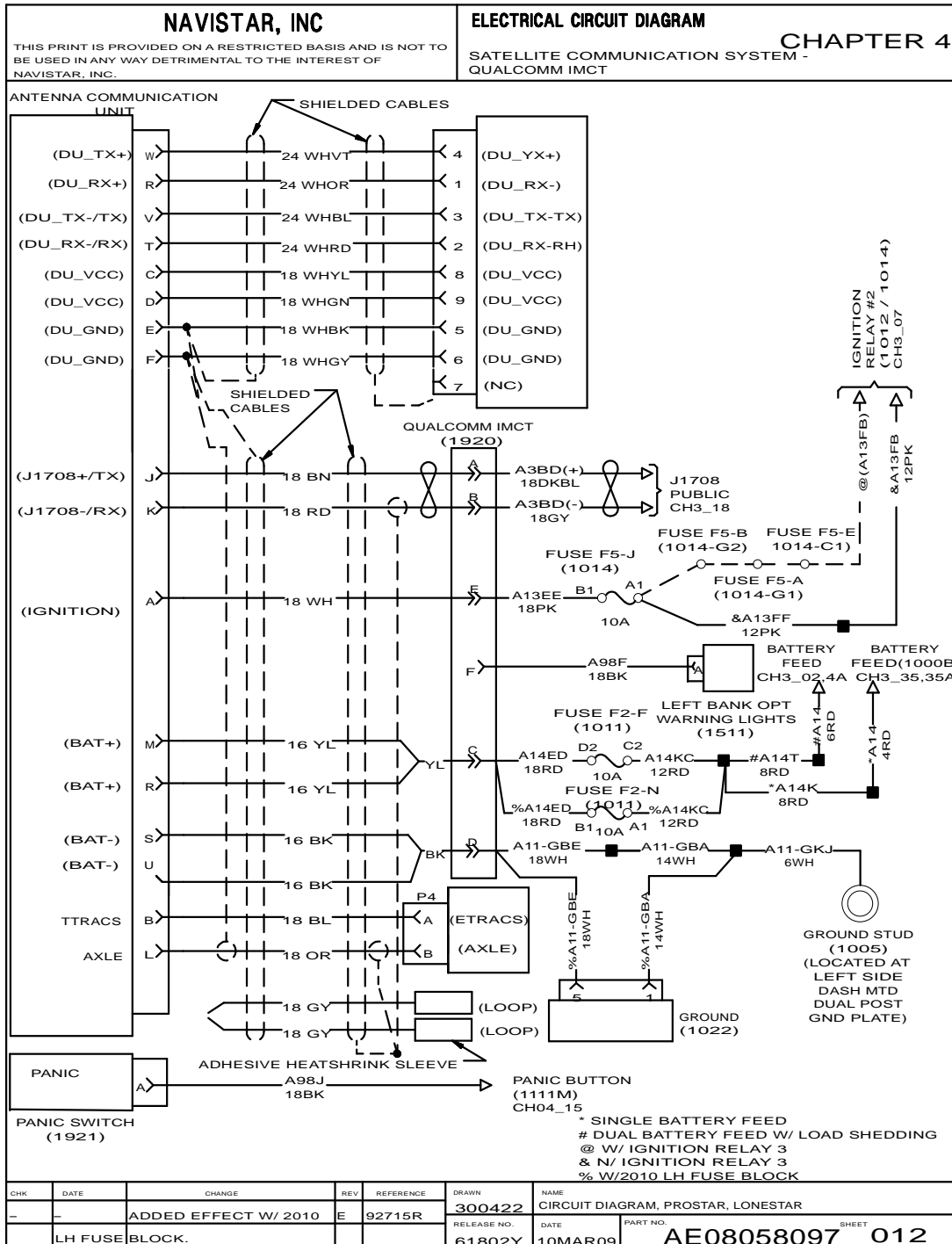
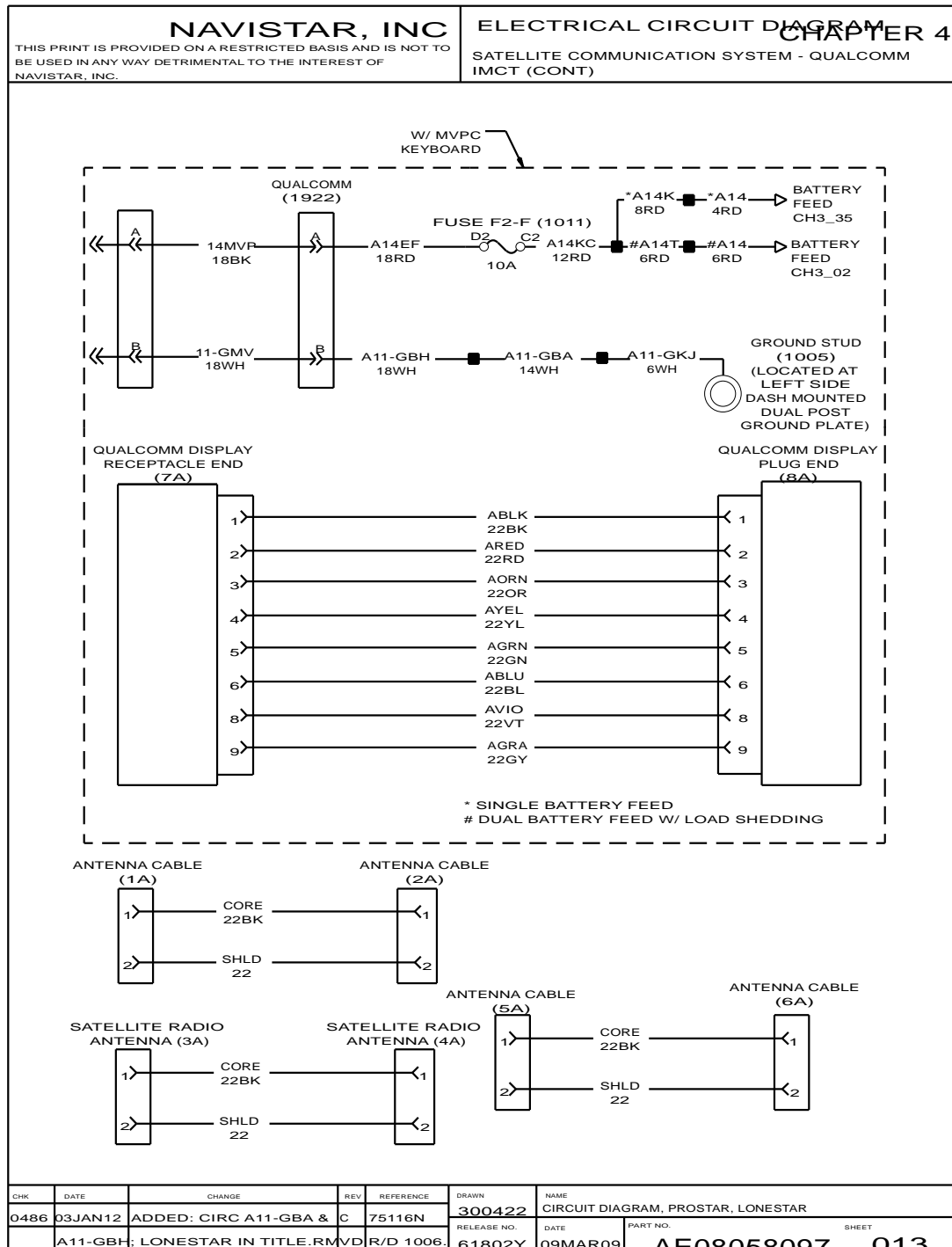


Figure 108 Satellite Communication System – Qualcomm Integrated Mobile Communications Terminal

4.15. SATELLITE COMMUNICATION SYSTEM – QUALCOMM INTEGRATED MOBILE COMMUNICATIONS TERMINAL (CONT.), P. 13



4.16. SATELLITE COMMUNICATION SYSTEM – QUALCOMM INTEGRATED MOBILE COMMUNICATIONS TERMINAL (CONT.), P. 13A

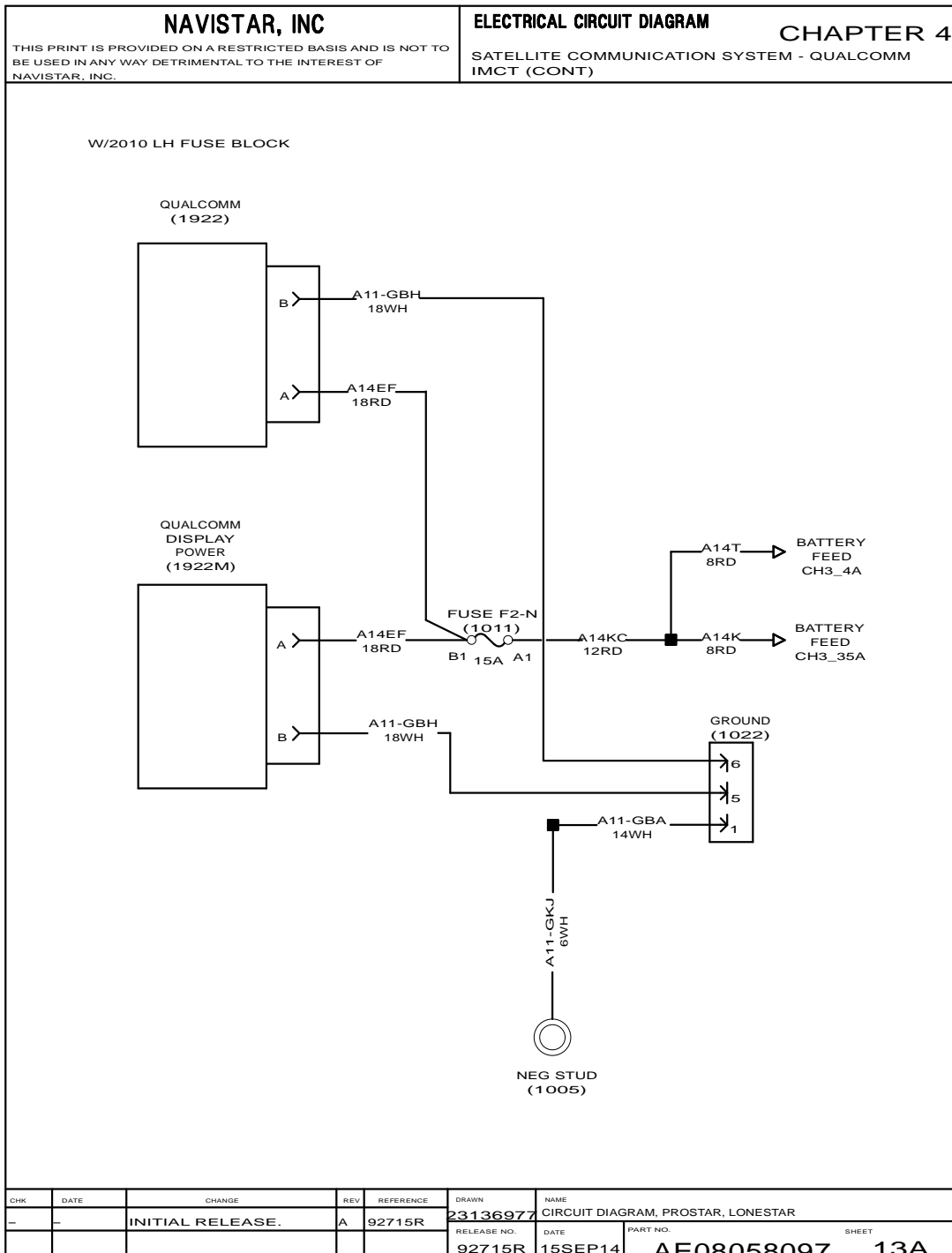


Figure 110 Satellite Communication System – Qualcomm Integrated Mobile Communications Terminal (Cont.)

4.17. QUALCOMM INTEGRATED MOBILE COMMUNICATIONS TERMINAL – SLEEPER, P. 14

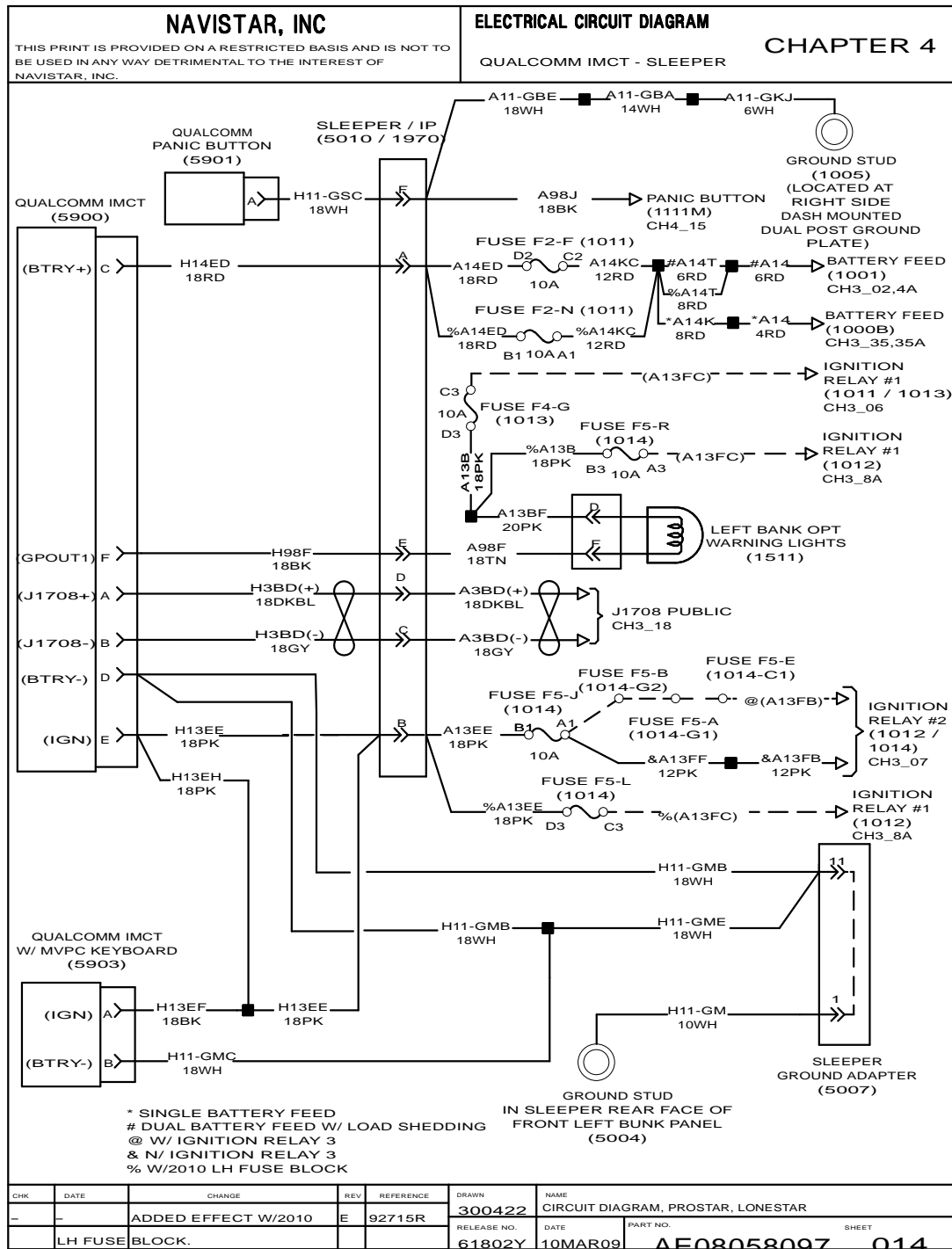


Figure 111 Qualcomm Integrated Mobile Communications Terminal – Sleeper

4.18. COMMUNICATIONS SYSTEM, WIRING, P. 14A

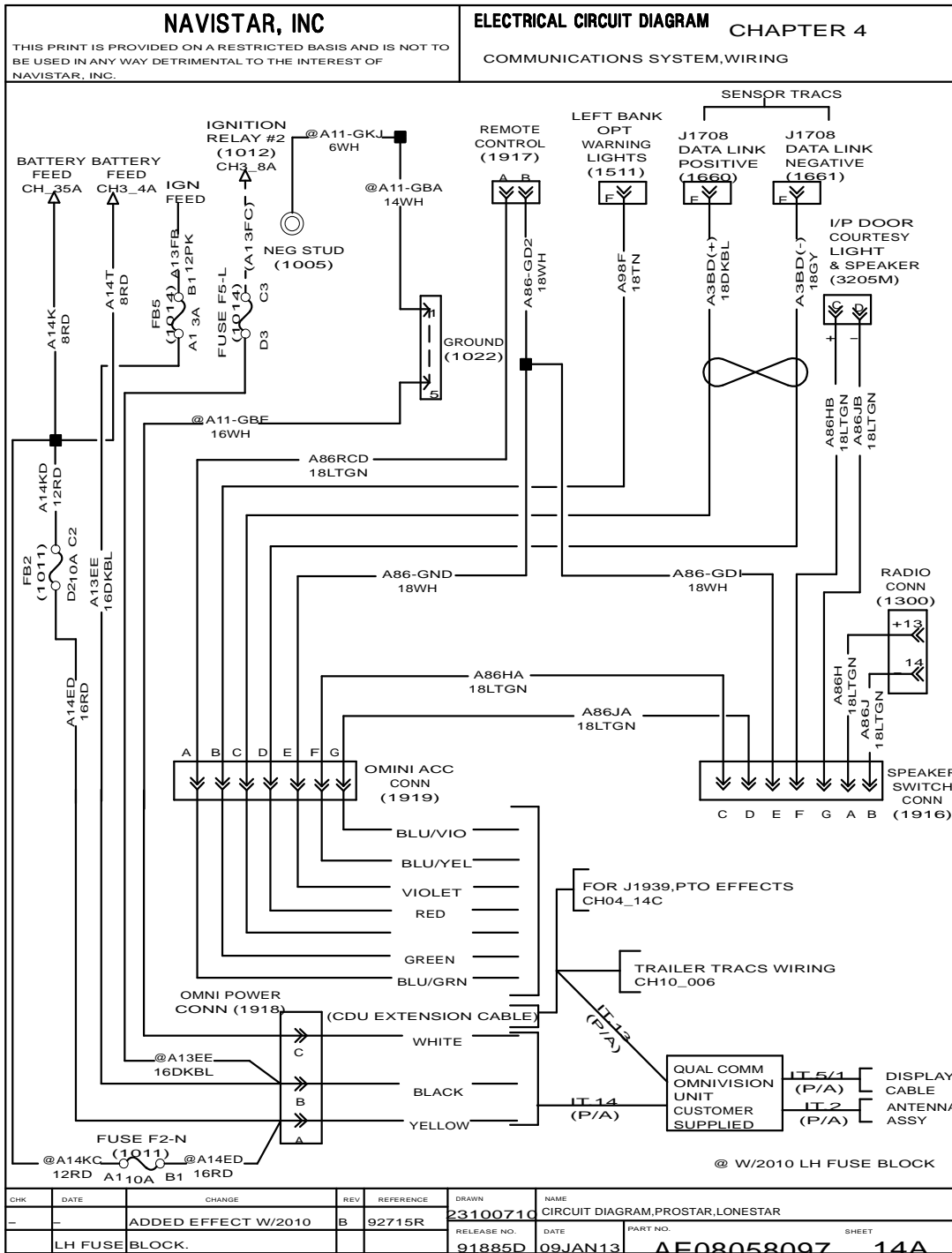


Figure 112 Communications System, Wiring

4.19. COMMUNICATIONS SYSTEM, WIRING (CONT.) , P. 14B

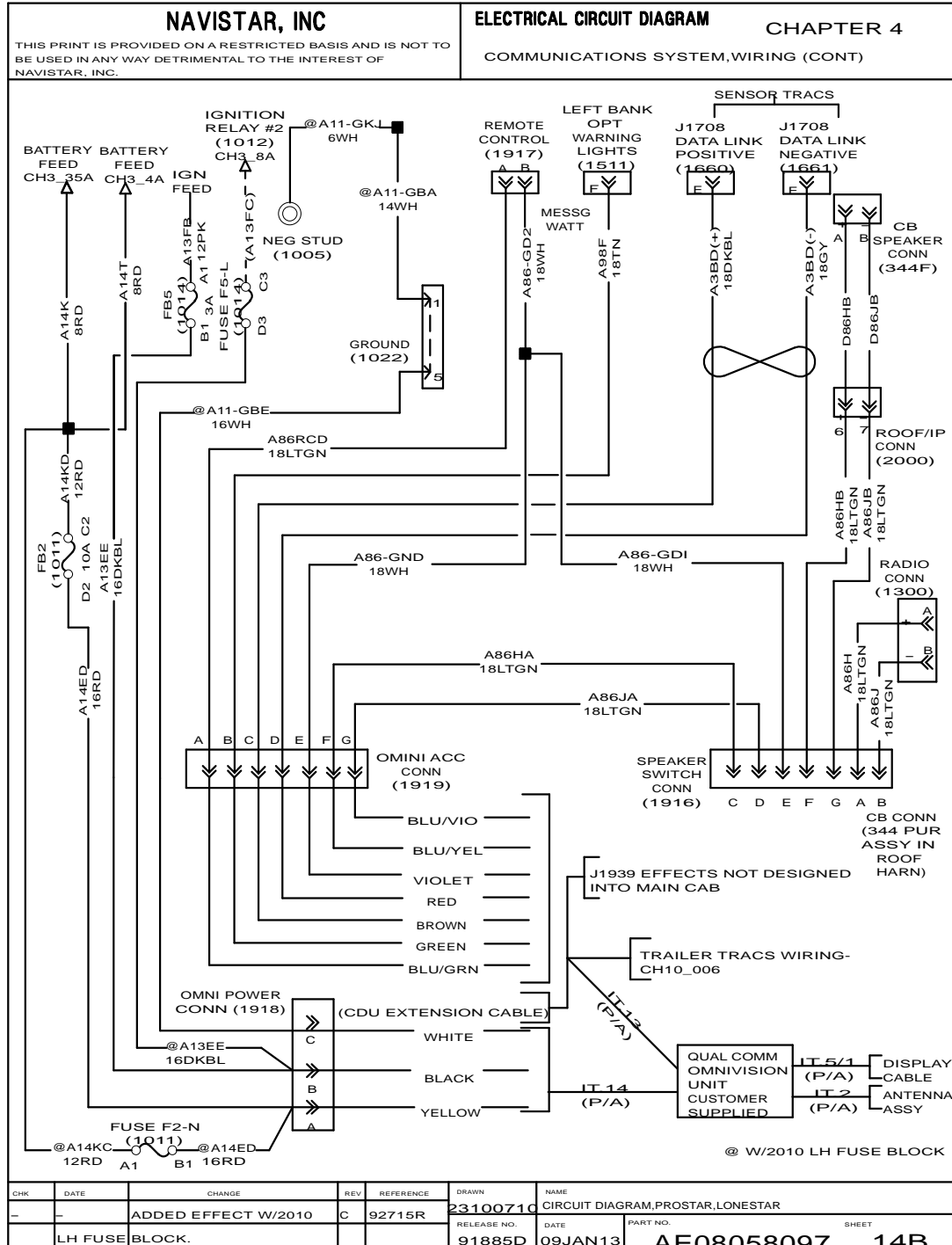


Figure 113 Communications System, Wiring (Cont.)

4.20. COMMUNICATIONS SYSTEM, WIRING (CONT.), P. 14C

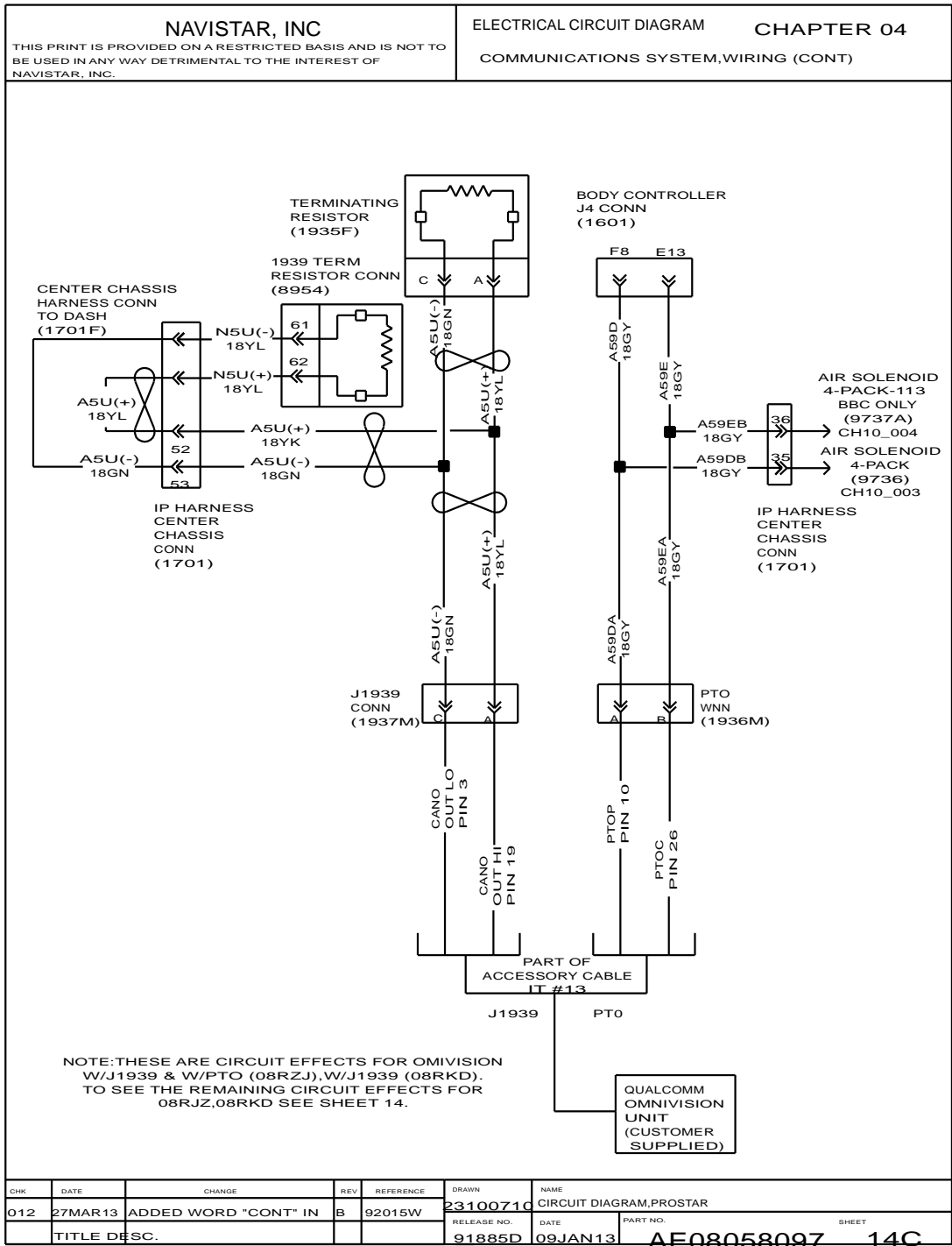


Figure 114 Communications System, Wiring (Cont.)



4.21. PANIC BUTTON, P. 15

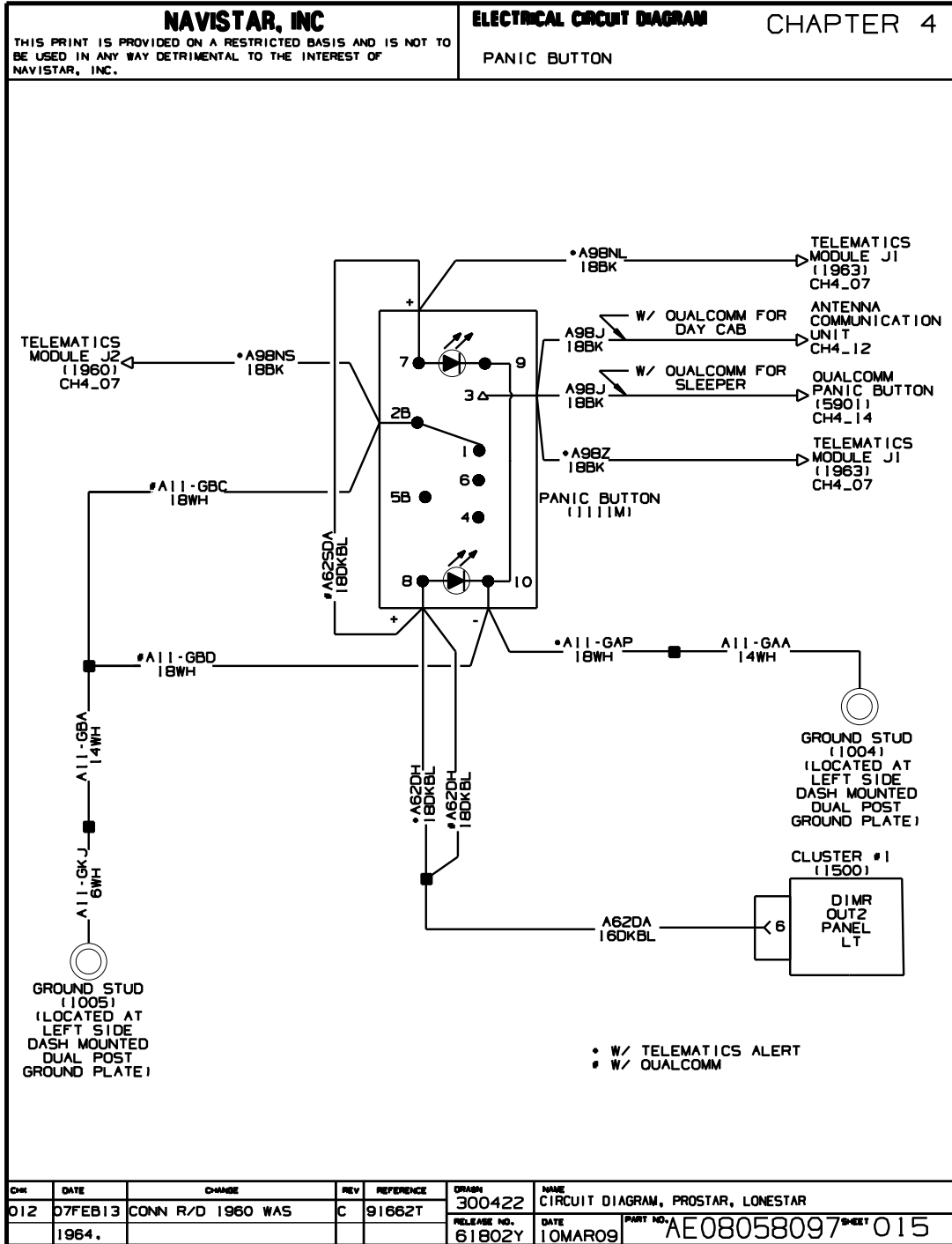


Figure 115 Panic Button

4.22. SATELLITE COMMUNICATION SYSTEM – XATA WITH DAYCAB, P. 16

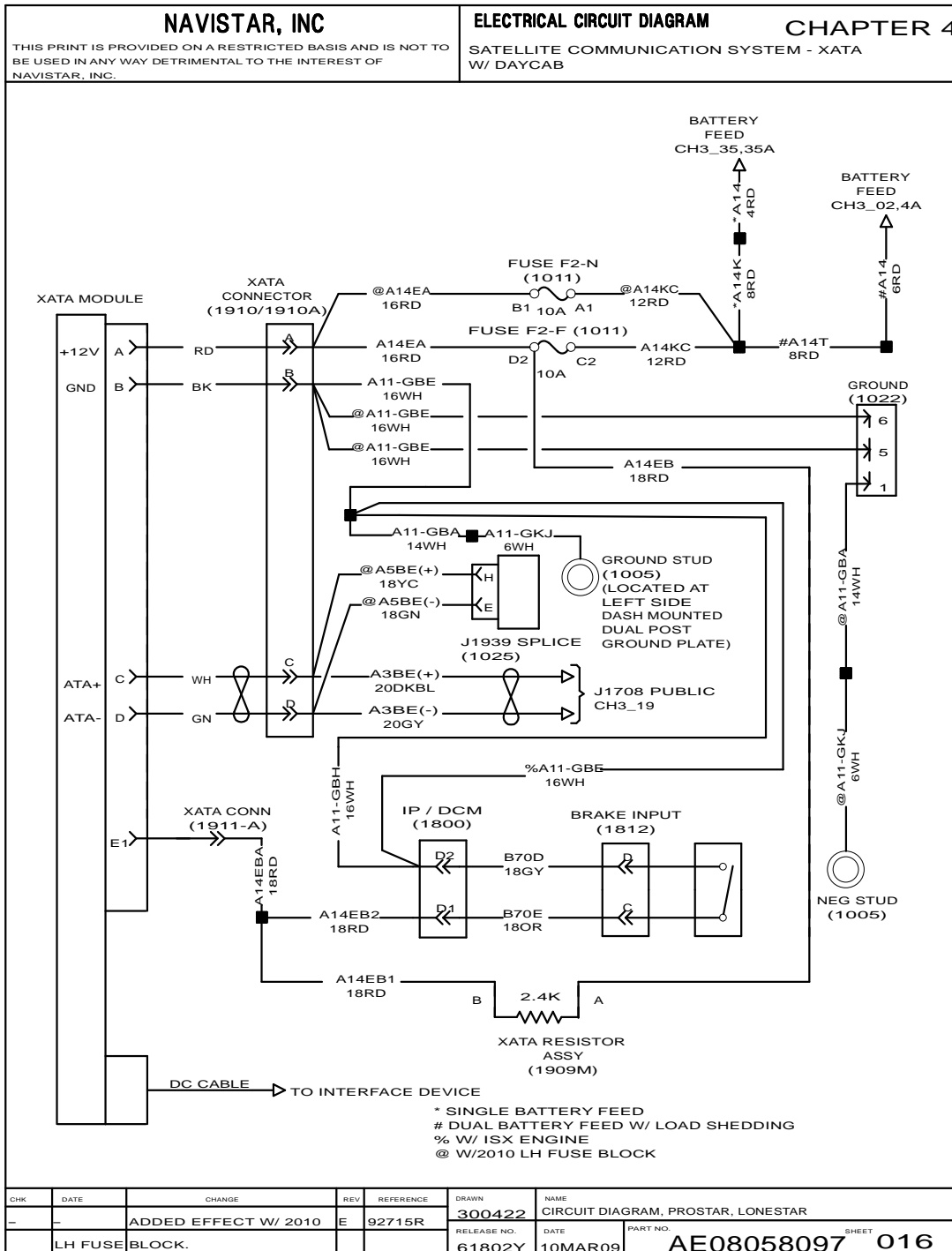


Figure 116 Satellite Communication System – Xata with Daycab

4.23. SATELLITE COMMUNICATION SYSTEM – XATA WITH SLEEPER, P. 17

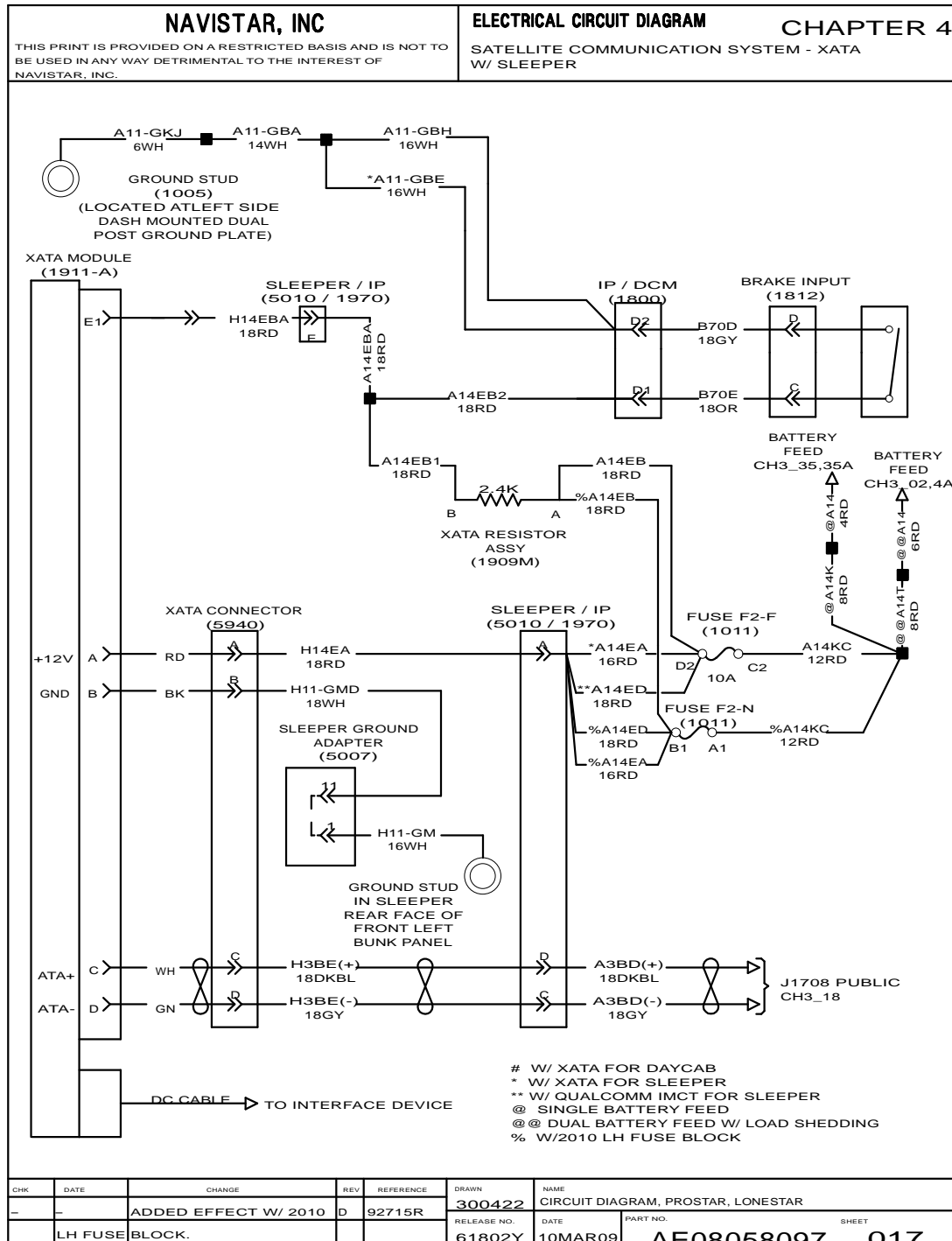


Figure 117 Satellite Communication System – Xata with Sleeper

4.24. RADIO ENTERTAINMENT, SPEAKERS, P. 18

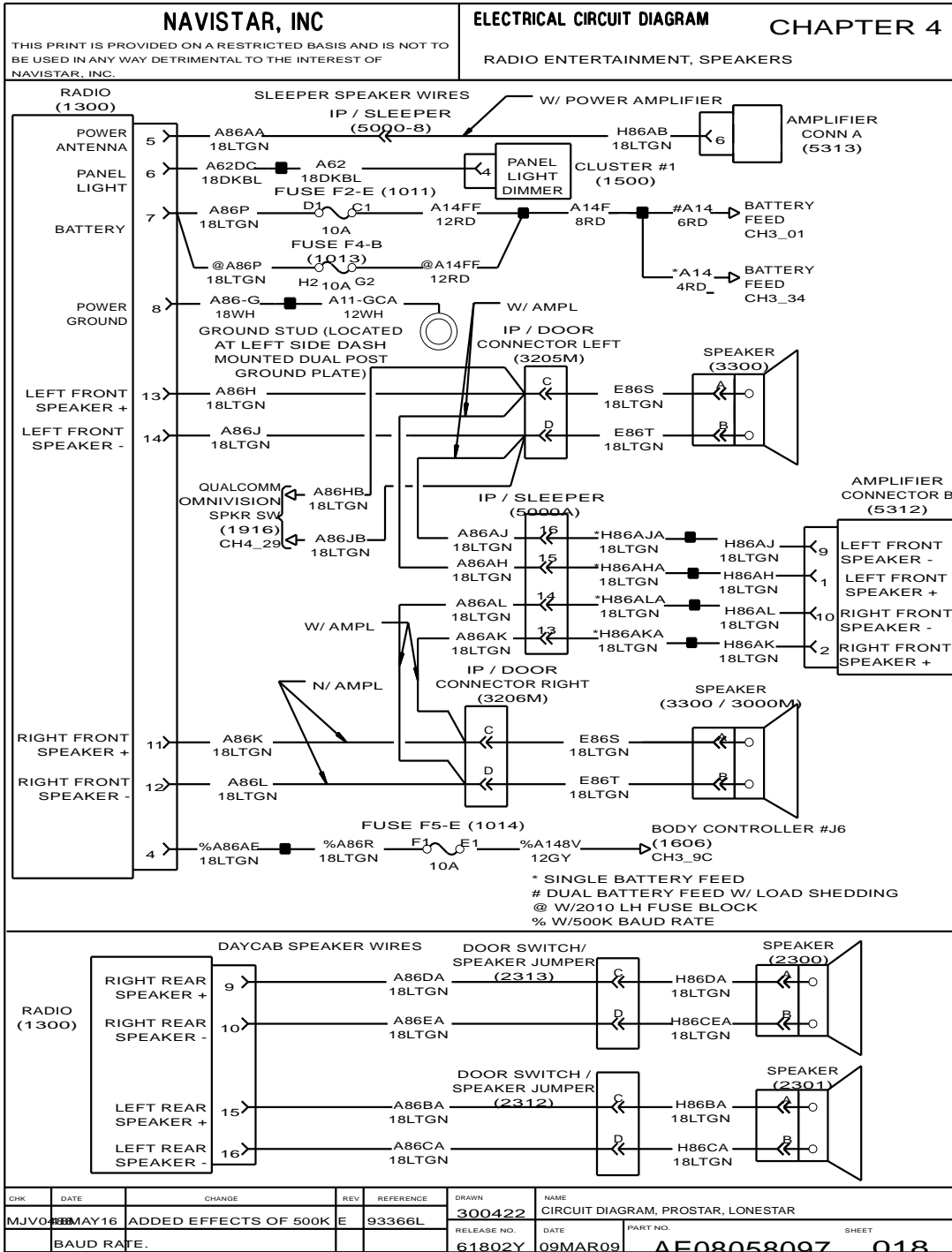


Figure 118 Radio Entertainment, Speakers

4.25. RADIO ENTERTAINMENT, SPEAKERS (CONT.), P. 19

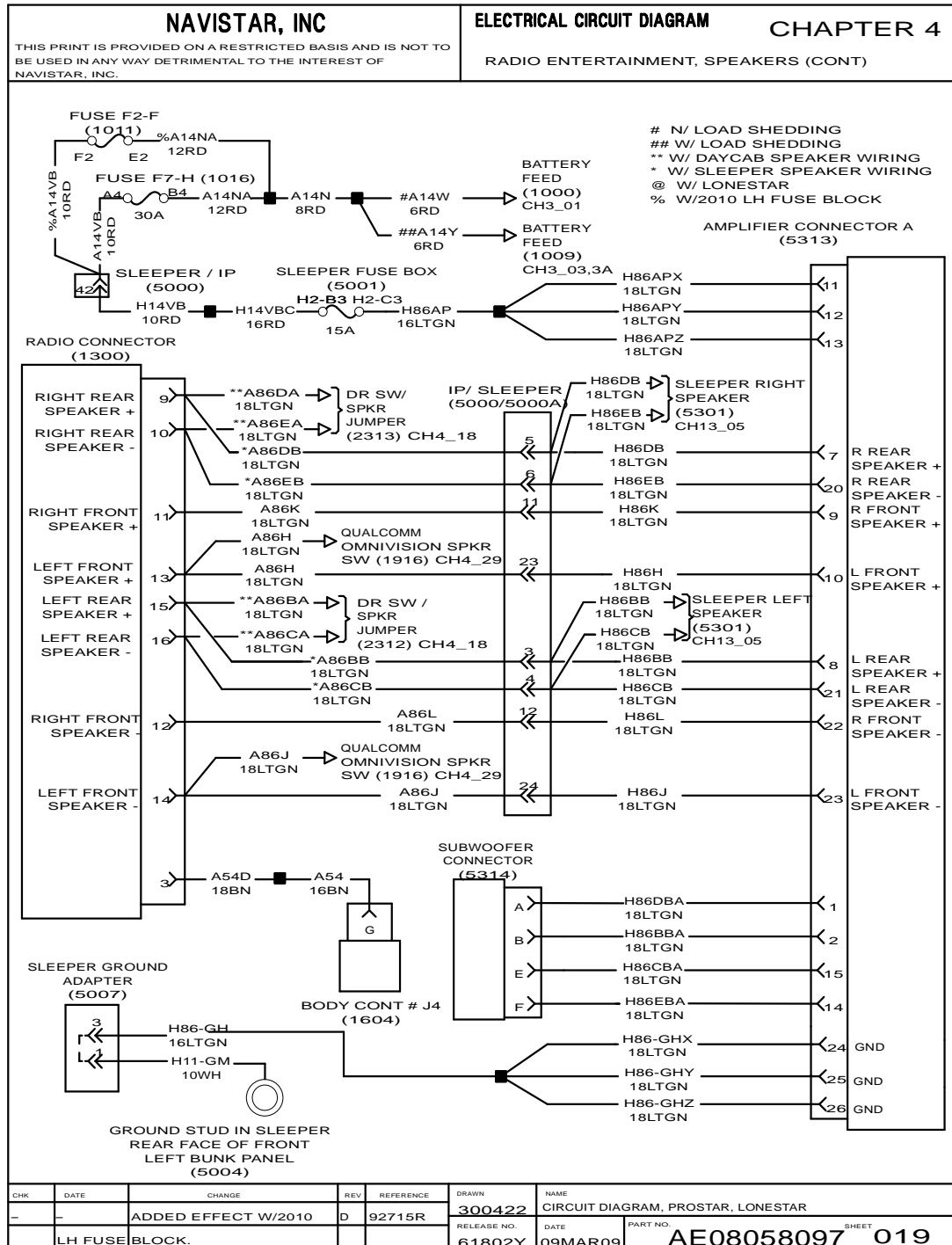


Figure 119 Radio Entertainment, Speakers (Cont.)

4.26. RADIO ENTERTAINMENT, SPEAKERS (CONT.), P. 19A

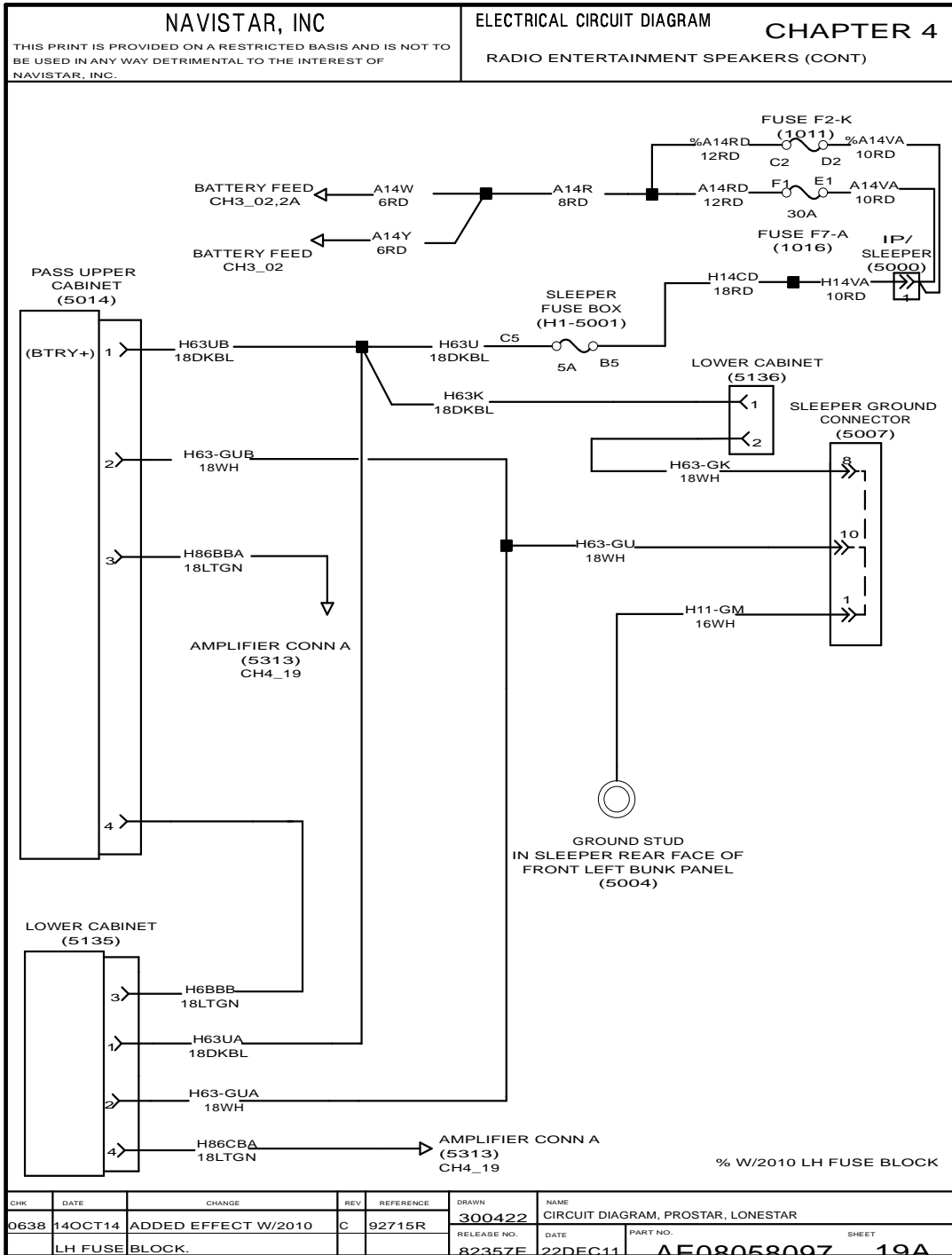


Figure 120 Radio Entertainment, Speakers (Cont.)

4.27. RADIO ENTERTAINMENT, SPEAKERS (CONT.), P. 19B

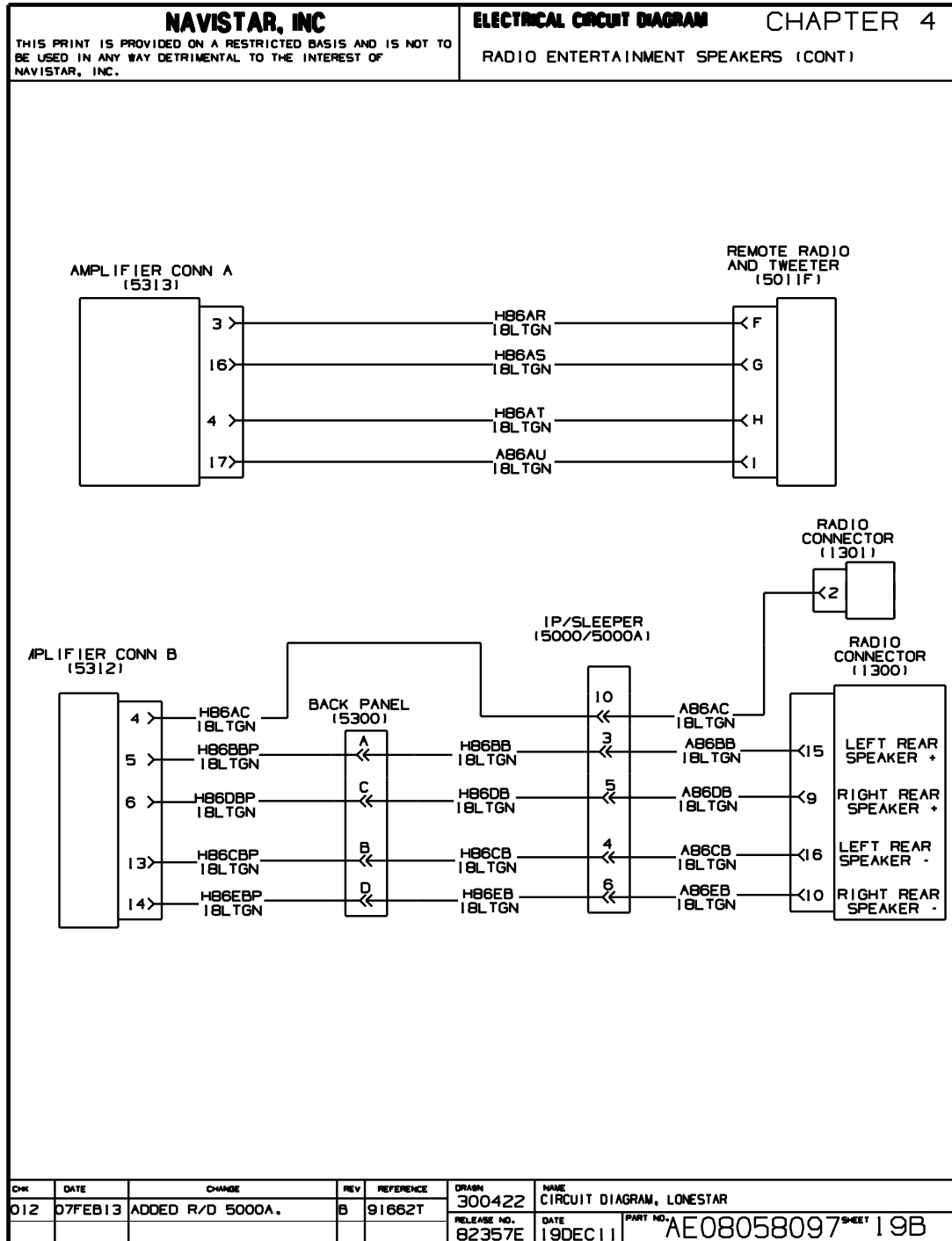


Figure 121 Radio Entertainment, Speakers (Cont.)

4.28. SWITCH PACK, P. 20

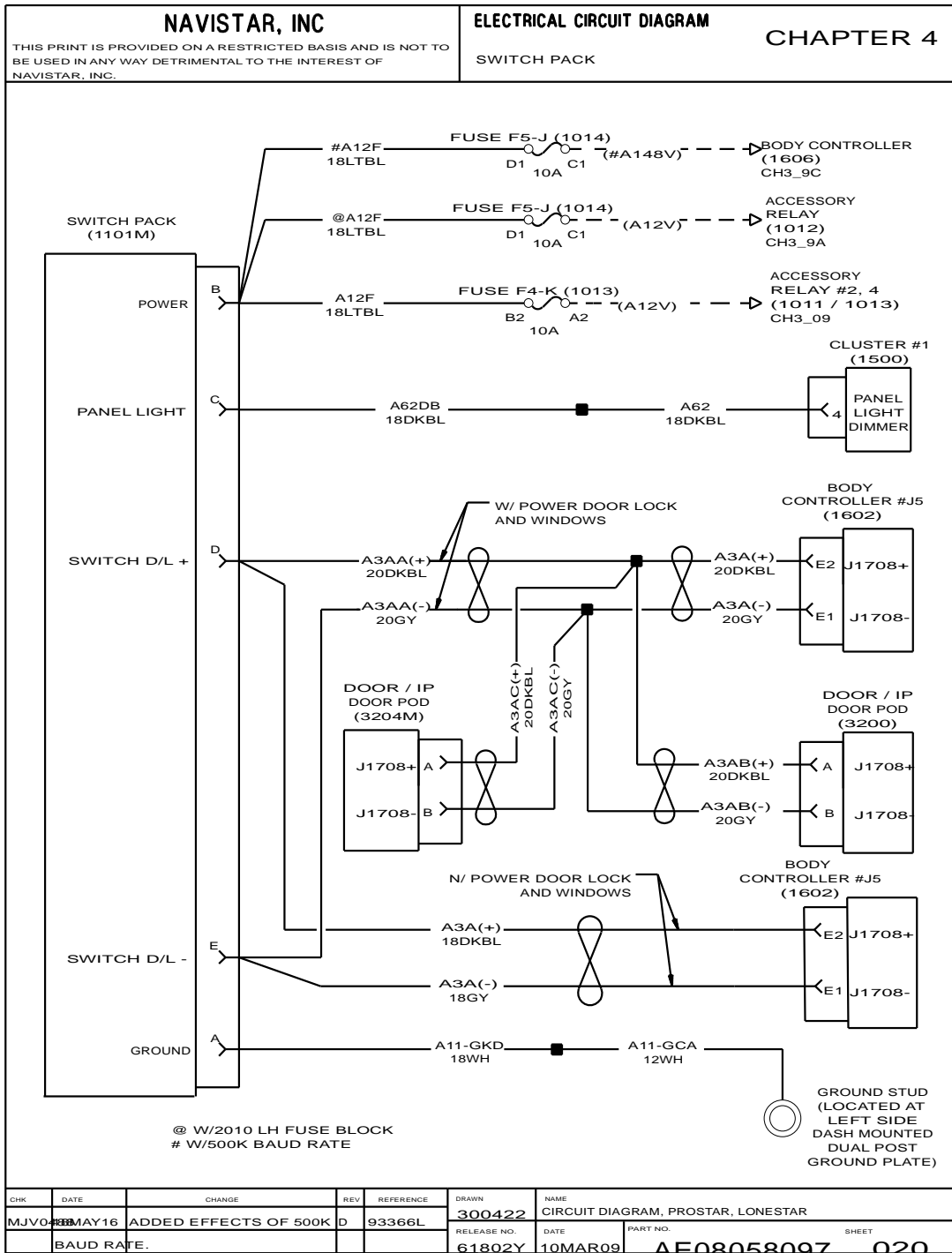


Figure 122 Switch Pack



4.29. WINDSHIELD WIPER MOTOR, P. 21

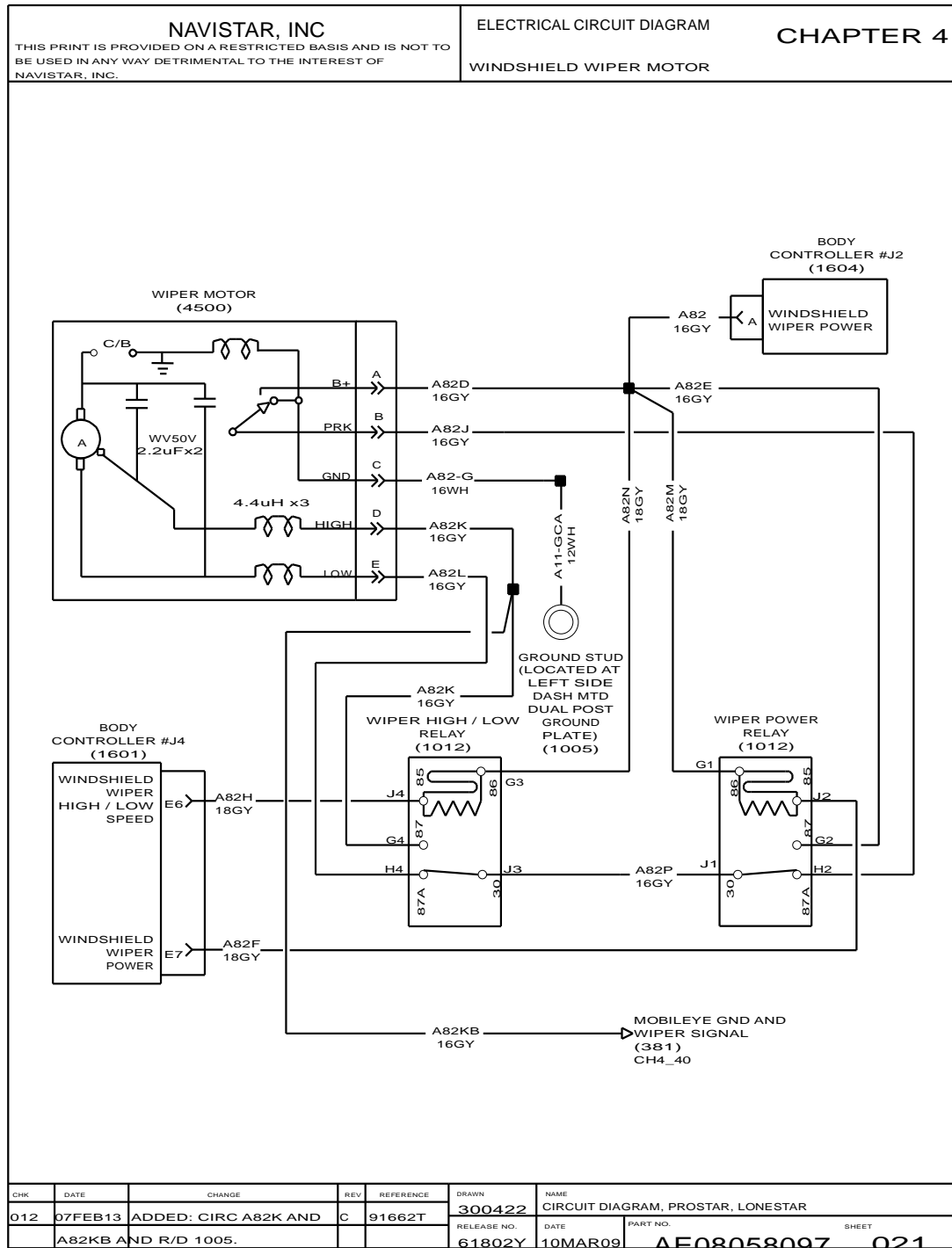


Figure 123 Windshield Wiper Motor

4.30. WINDSHIELD WIPER MOTOR (CONT.), P. 21A

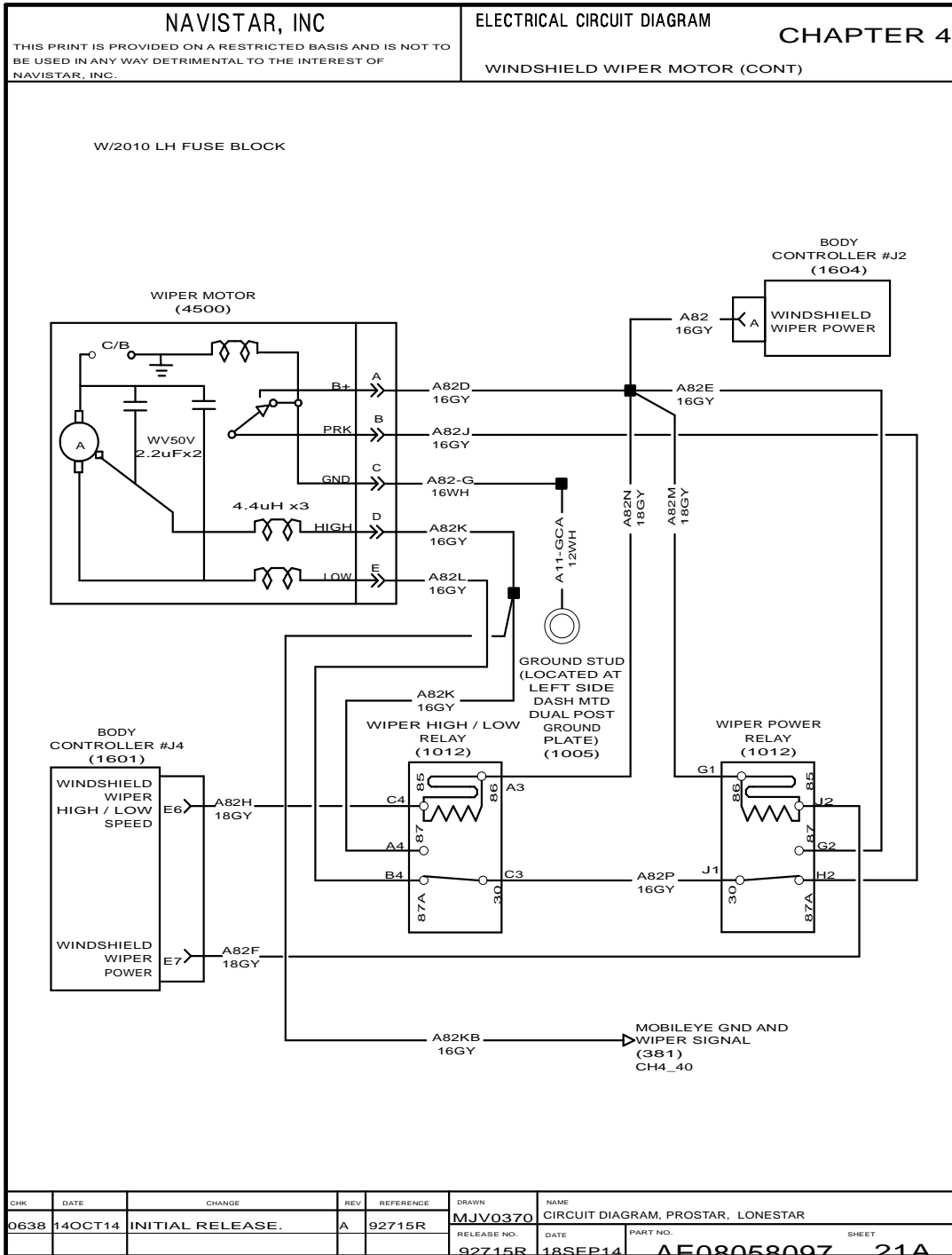


Figure 124 Windshield Wiper Motor (Cont.)

4.31. WINDSHIELD WASHER PUMP, P. 22

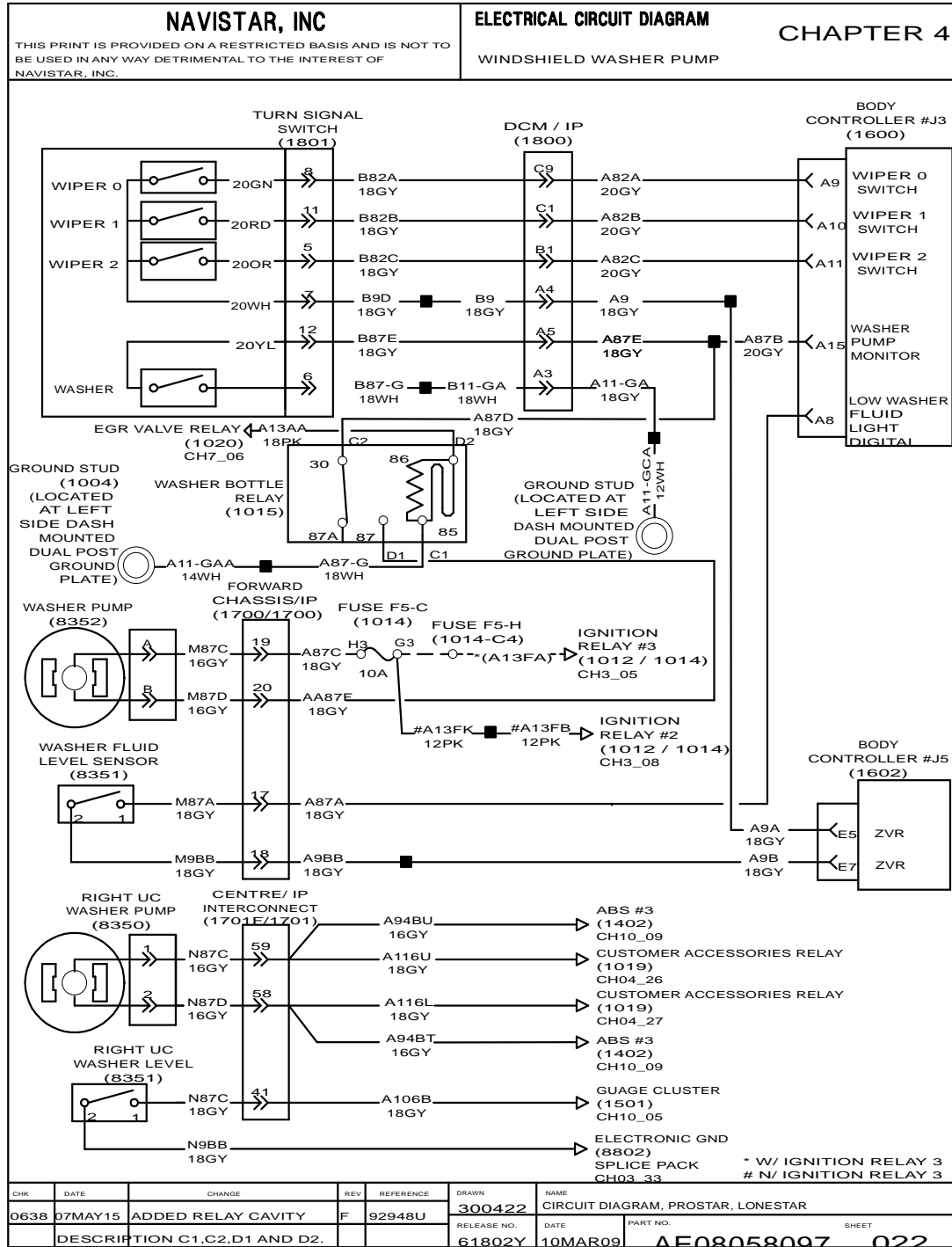


Figure 125 Windshield Washer Pump

4.32. WINDSHIELD WASHER PUMP (CONT.), P. 22A

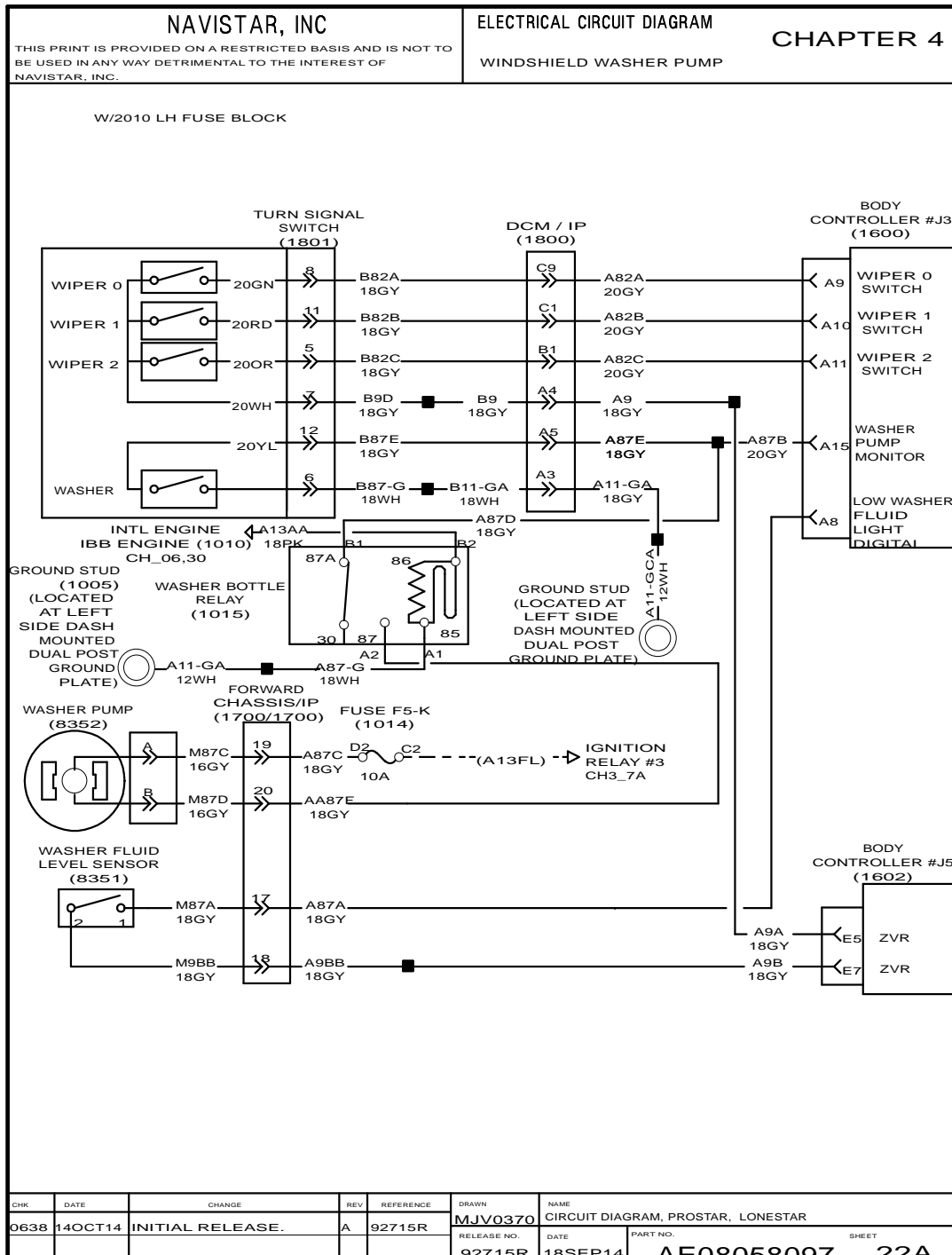


Figure 126 Windshield Washer Pump (Cont.)

4.33. DRIVER DISPLAY – VEHICLE INFORMATION, P. 23

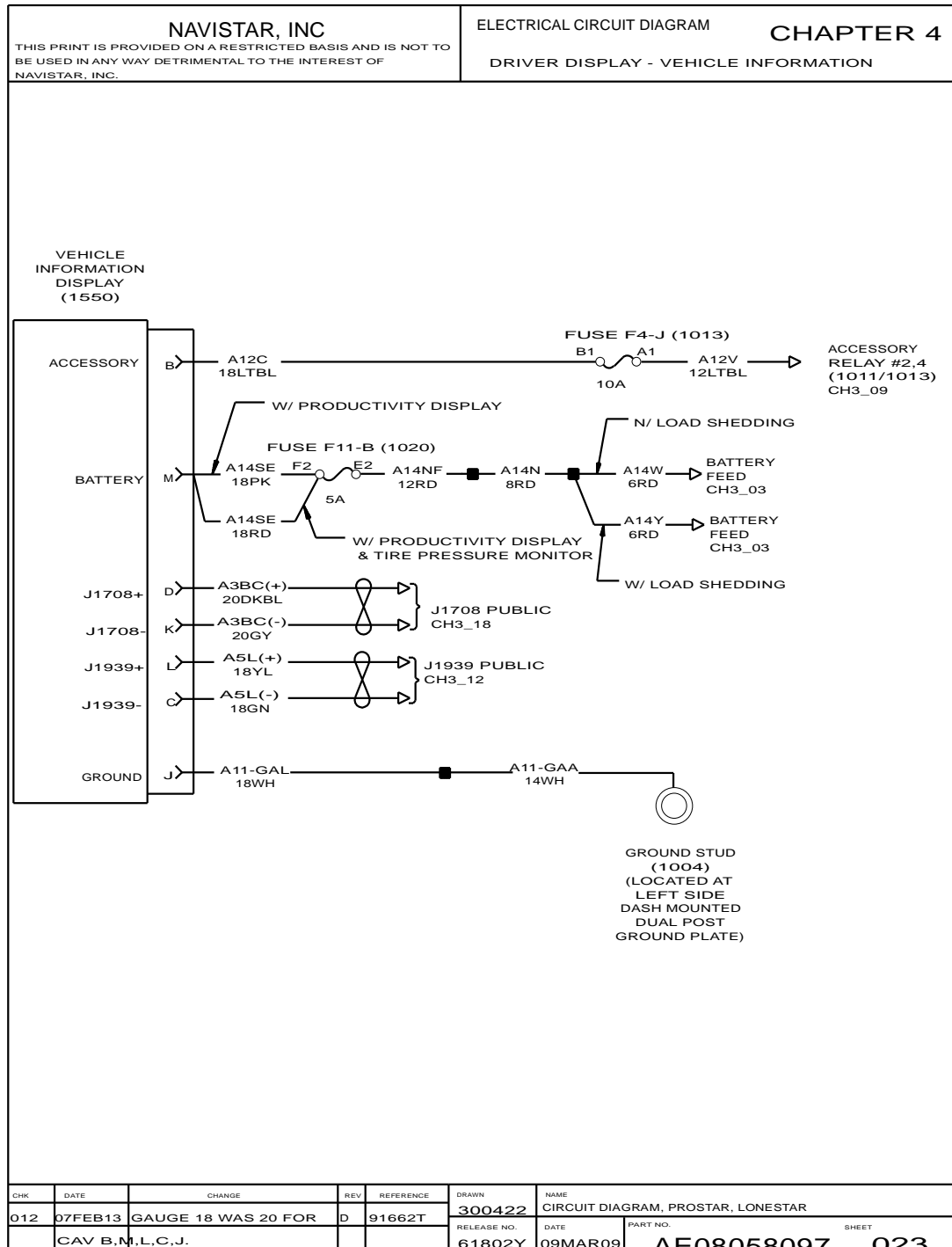


Figure 127 Driver Display – Vehicle Information

4.34. BEACON LIGHT SWITCH – FOR DUAL CUSTOMER ACCESSORY, P. 24

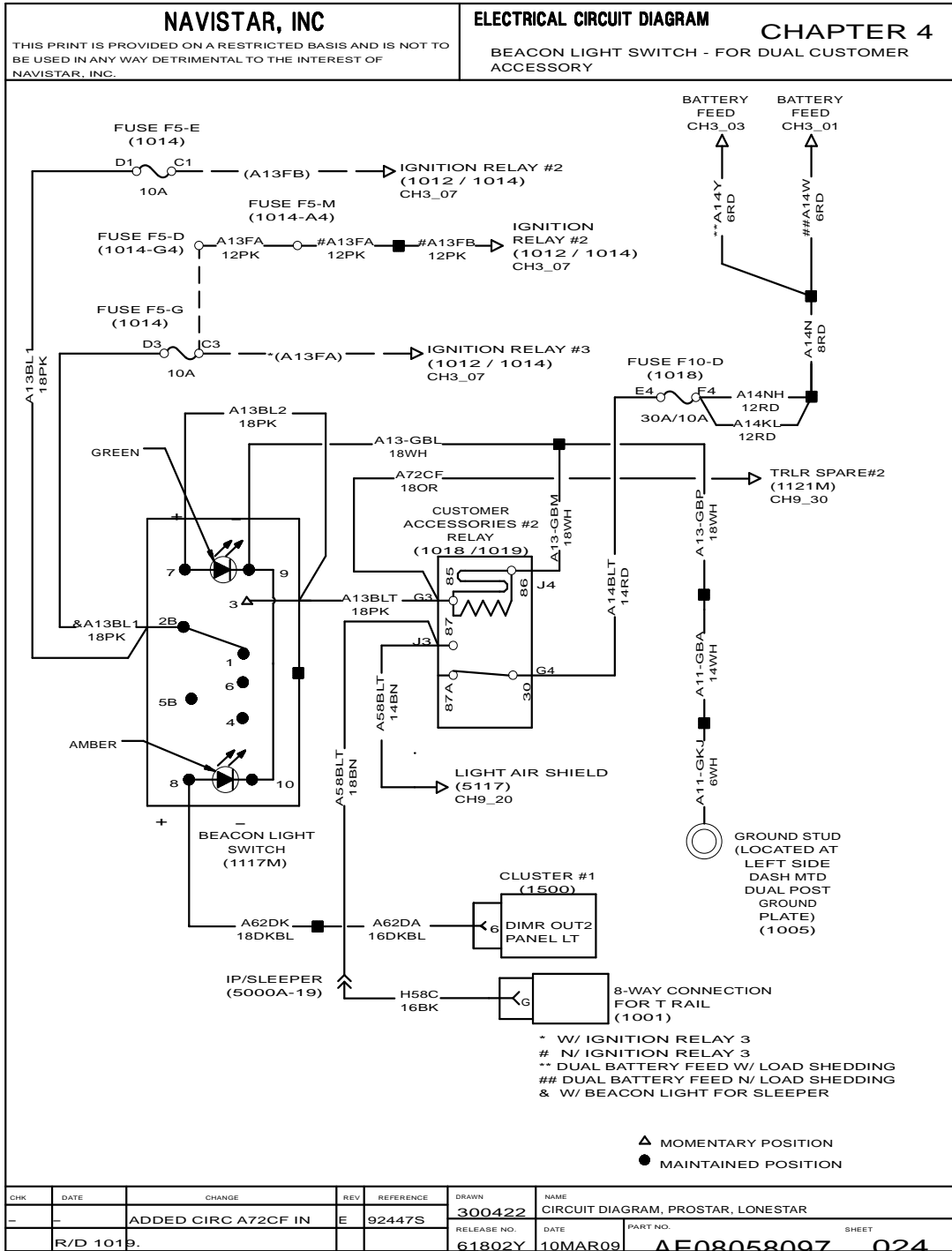


Figure 128 Beacon Light Switch – for Dual Customer Accessory

4.35. BEACON LIGHT SWITCH – FOR DUAL CUSTOMER ACCESSORY (CONT.), P. 24A

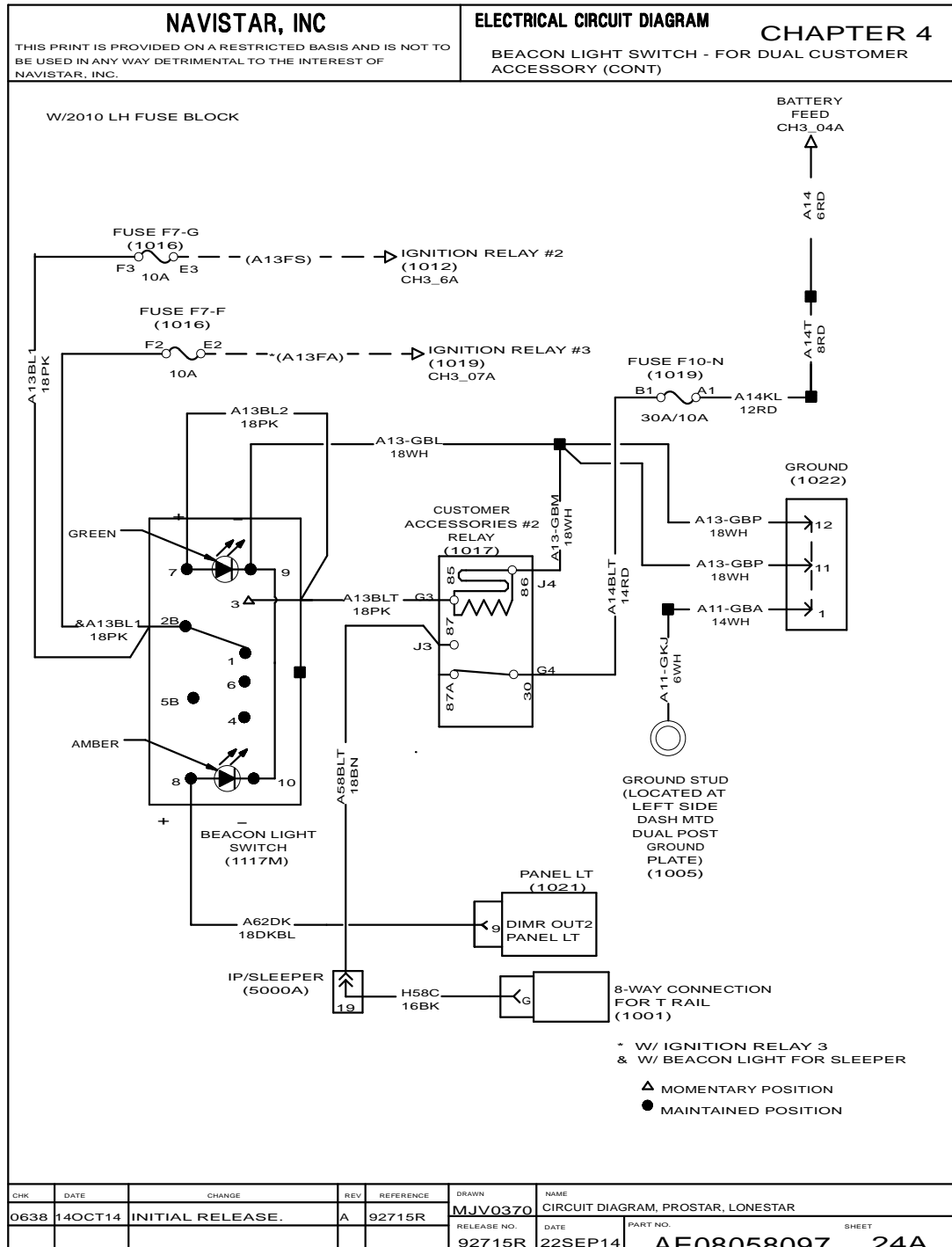


Figure 129 Beacon Light Switch – for Dual Customer Accessory (Cont.)

4.36. DOOR SWITCHES – DOME LAMP, P. 25

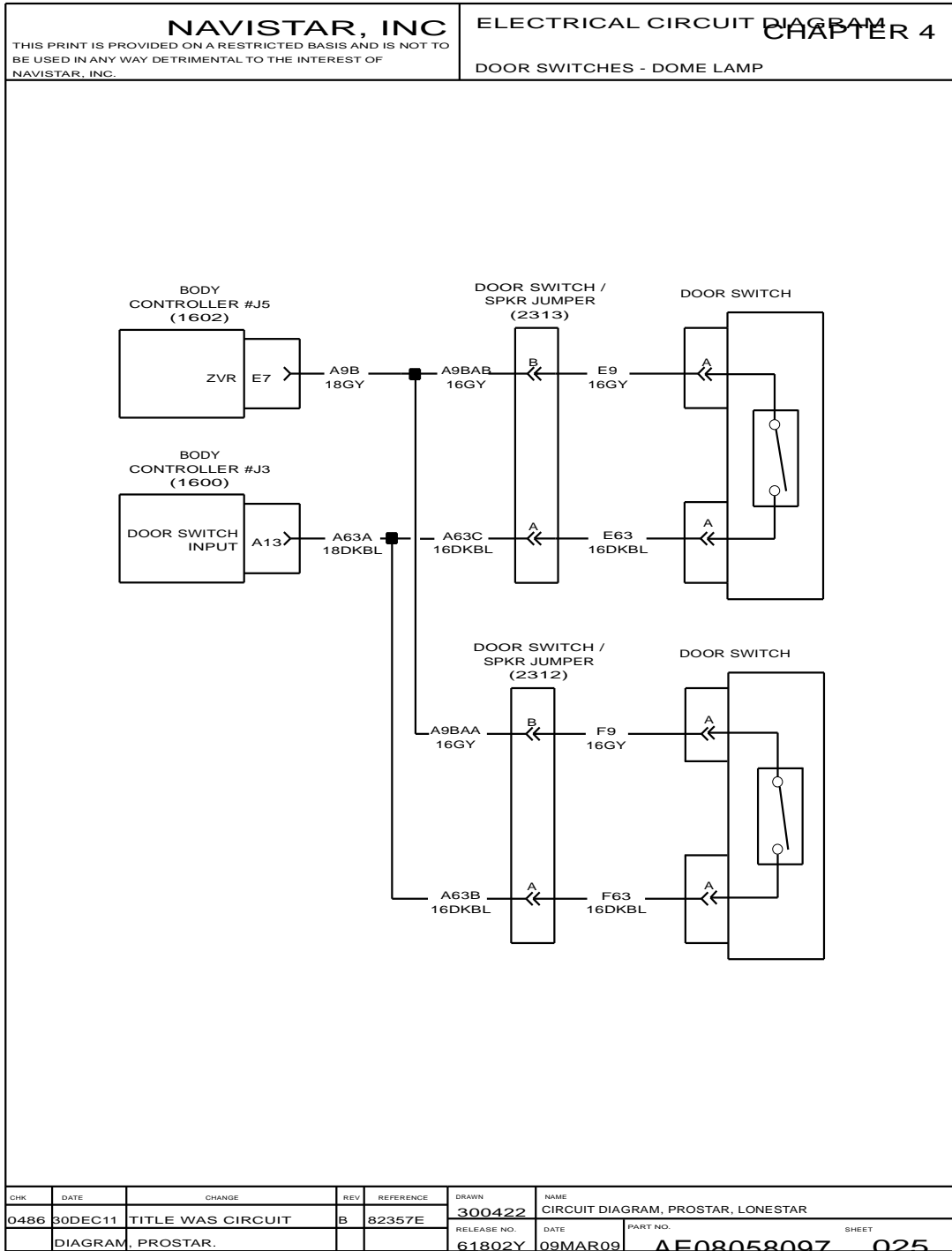


Figure 130 Door Switches – Dome Lamp



4.37. SPARE SWITCH – FOR SINGLE CUSTOMER ACCESSORY, P. 26

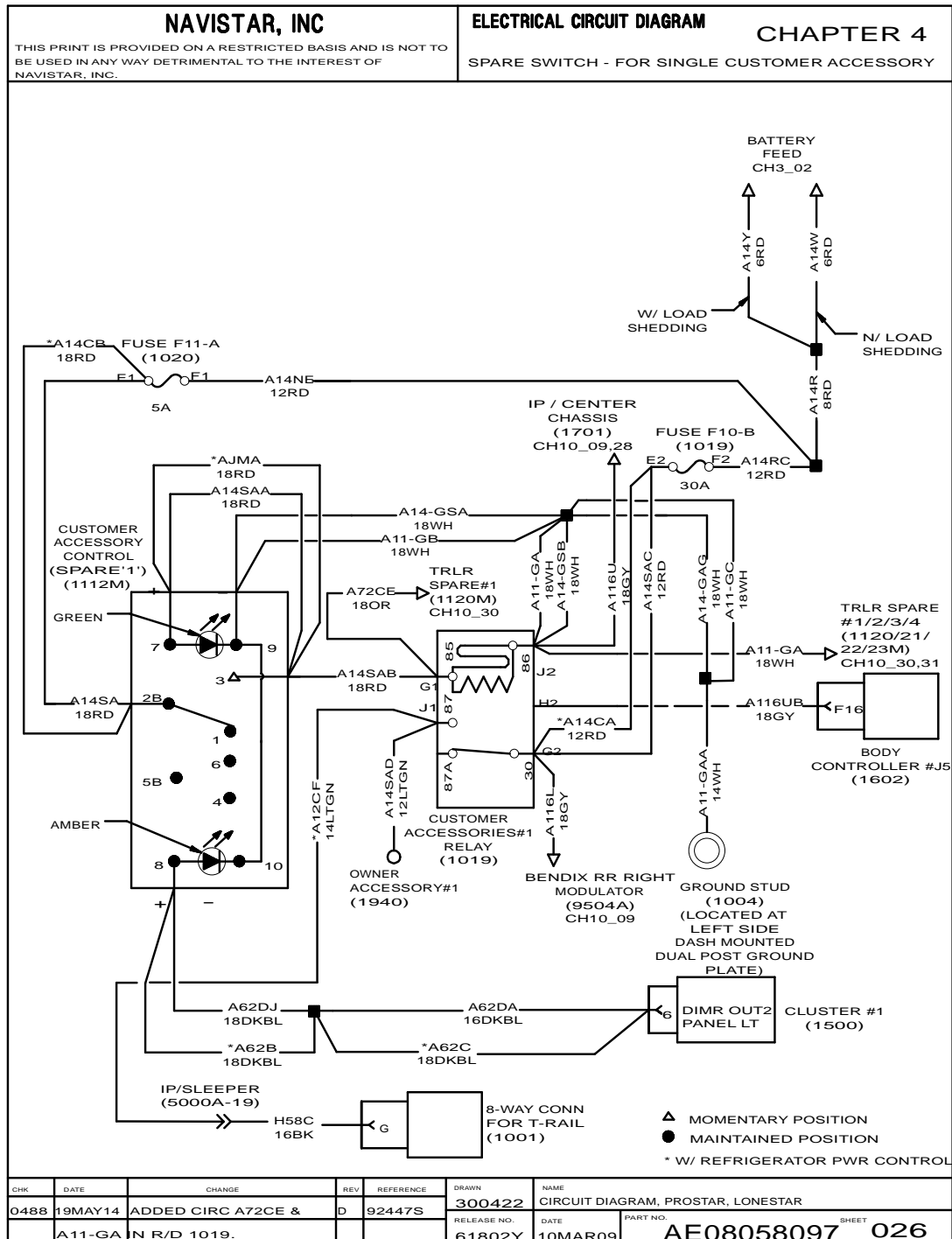


Figure 131 Spare Switch – for Single Customer Accessory

4.38. SPARE SWITCH – FOR SINGLE CUSTOMER ACCESSORY (CONT.), P. 26A

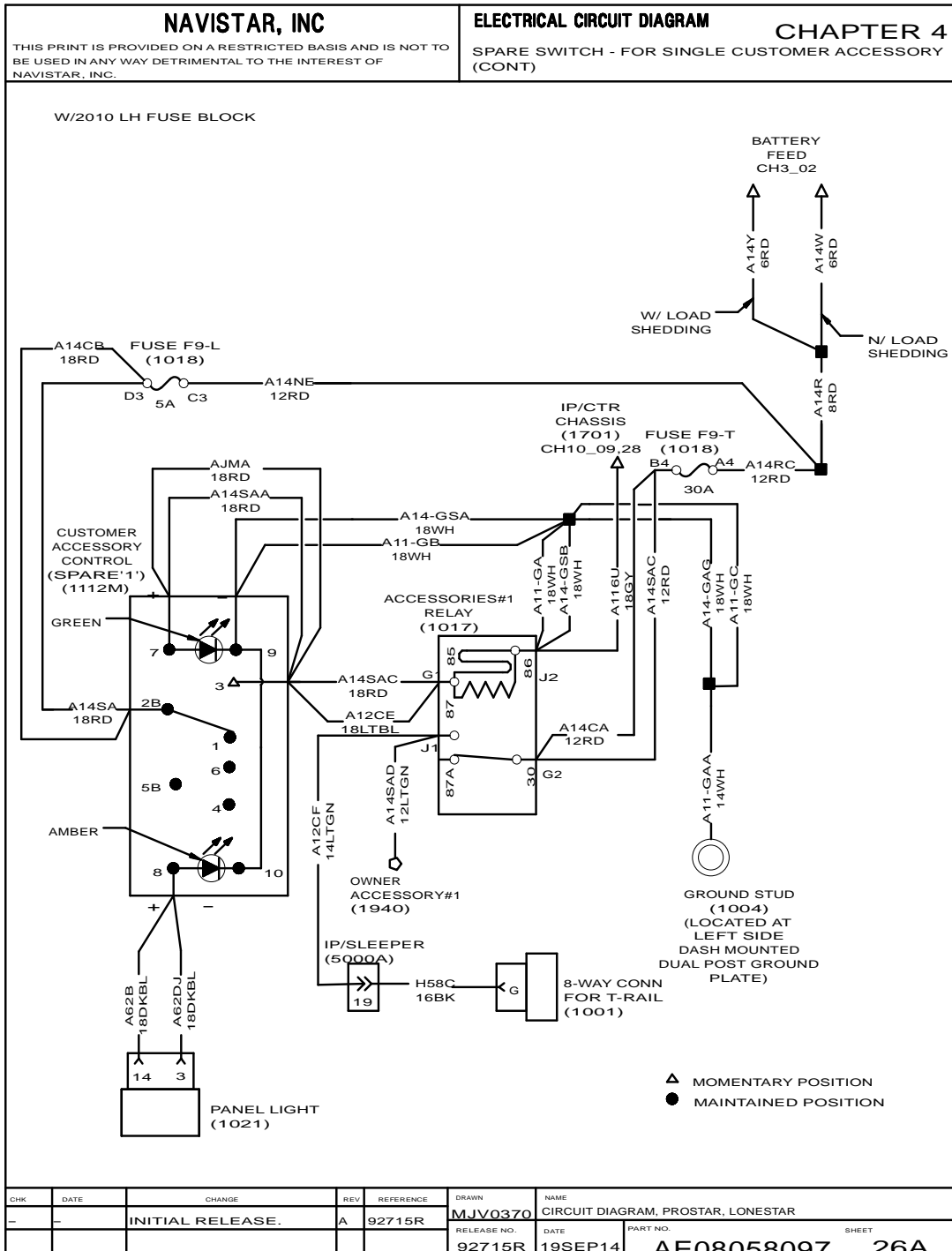


Figure 132 Spare Switch – for Single Customer Accessory (Cont.)

4.39. SPARE SWITCH – FOR DUAL CUSTOMER ACCESSORY, P. 27

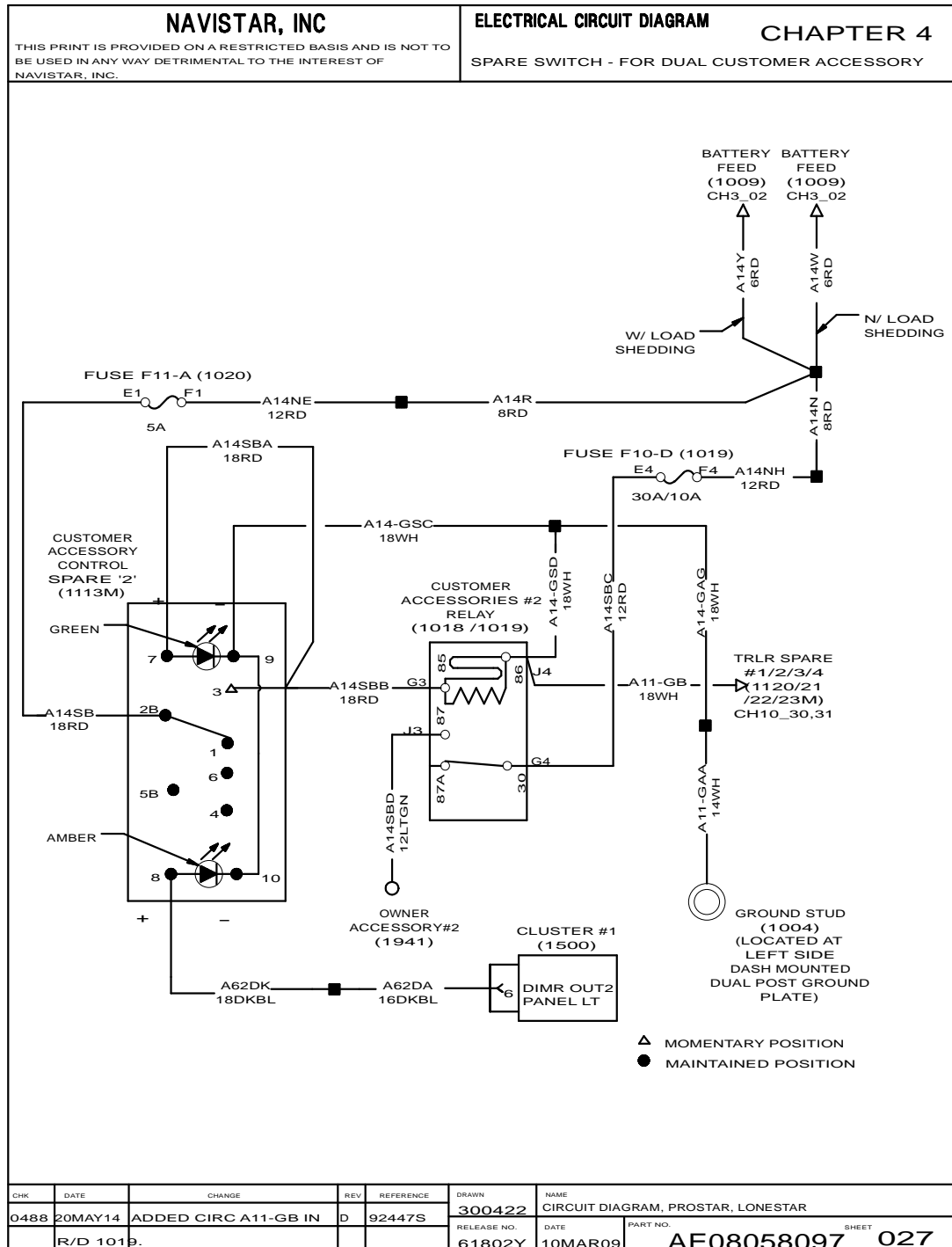


Figure 133 Spare Switch – for Dual Customer Accessory

4.40. SPARE SWITCH – FOR DUAL CUSTOMER ACCESSORY (CONT.), P. 27A

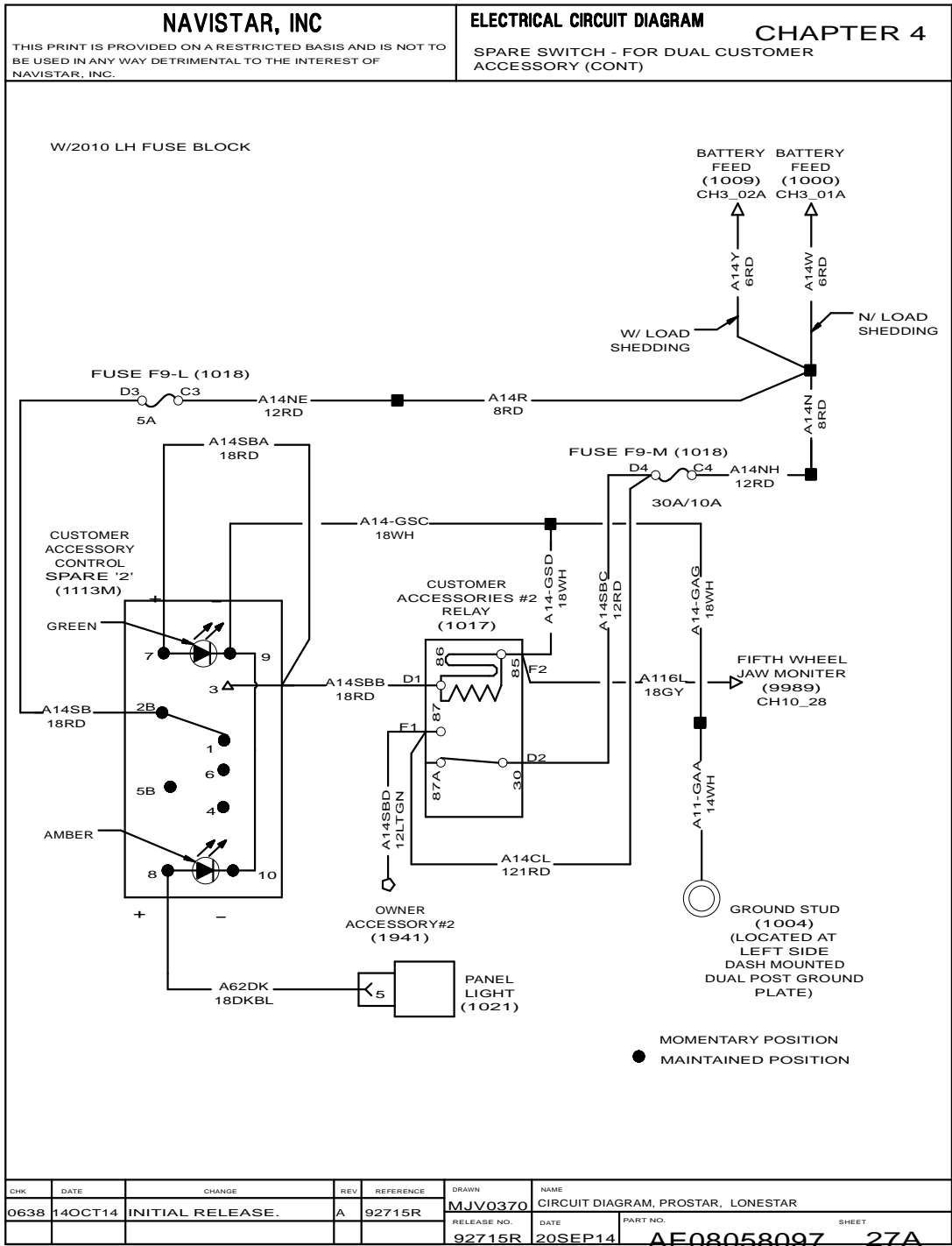


Figure 134 Spare Switch – for Dual Customer Accessory (Cont.)

4.41. EATON VORAD VS-400, P. 28

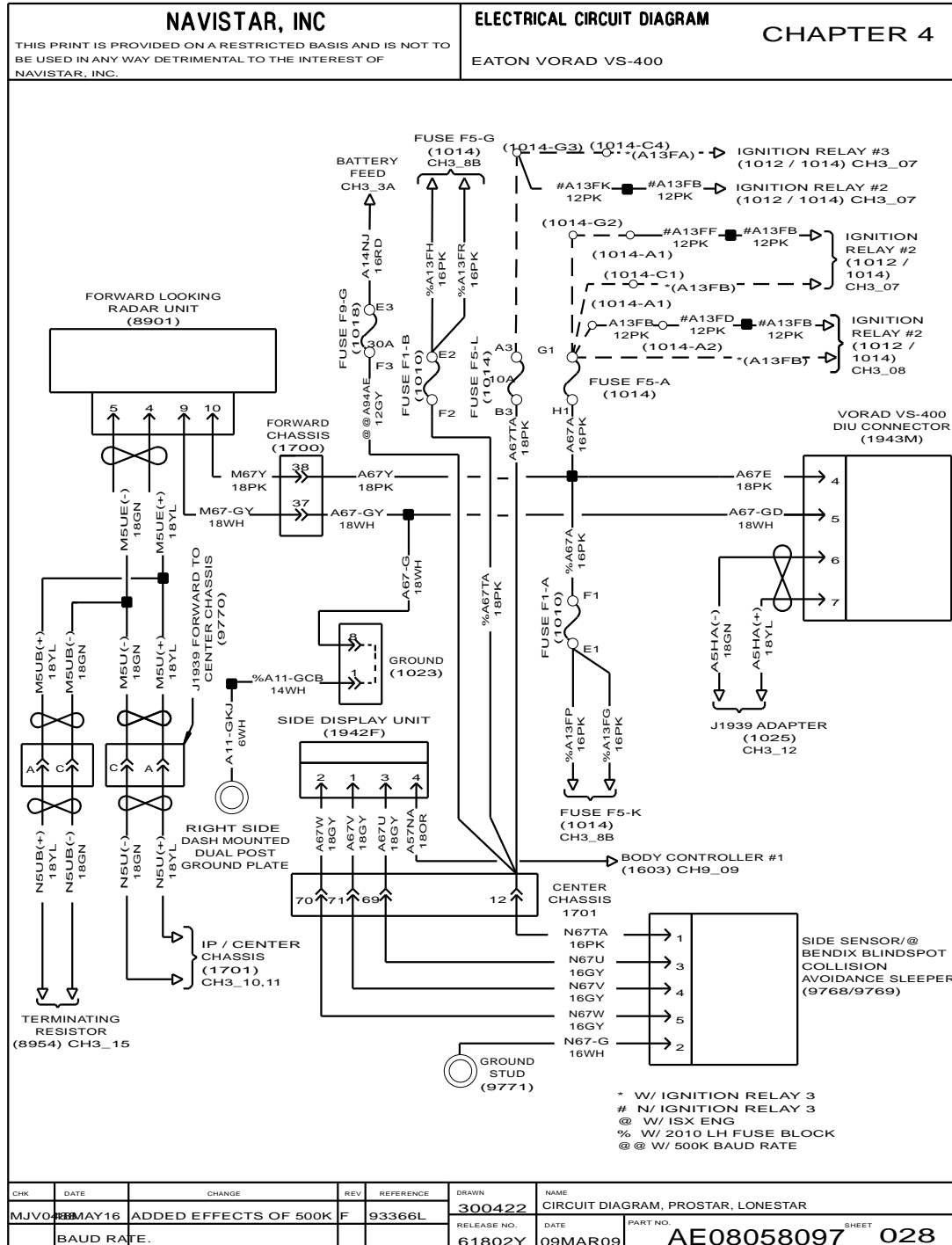


Figure 135 Eaton Vorad VS-400

4.42. EATON VORAD EVT 300, P. 28A

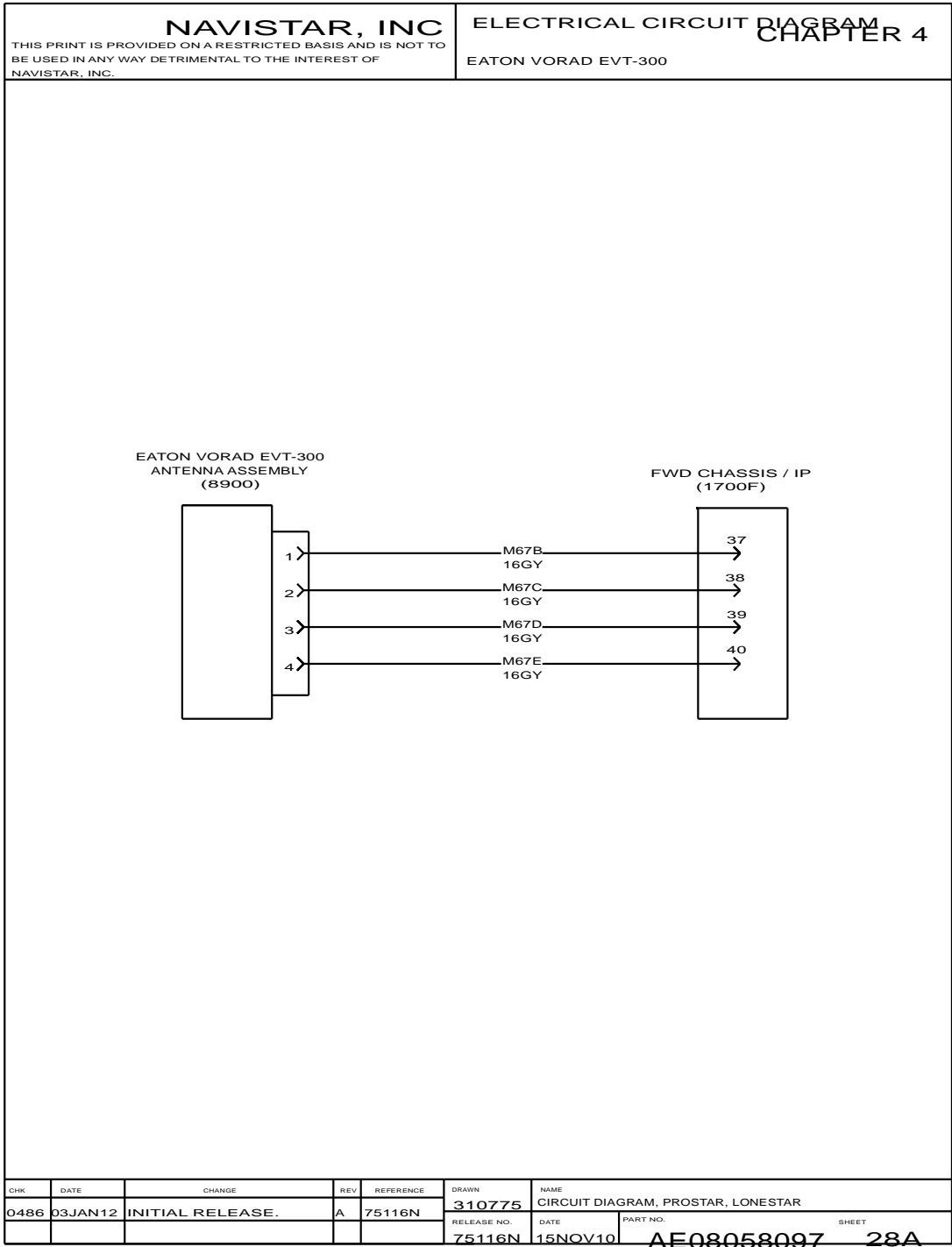


Figure 136 Eaton Vorad EVT 300

4.43. BENDIX WINGMAN, P. 28B

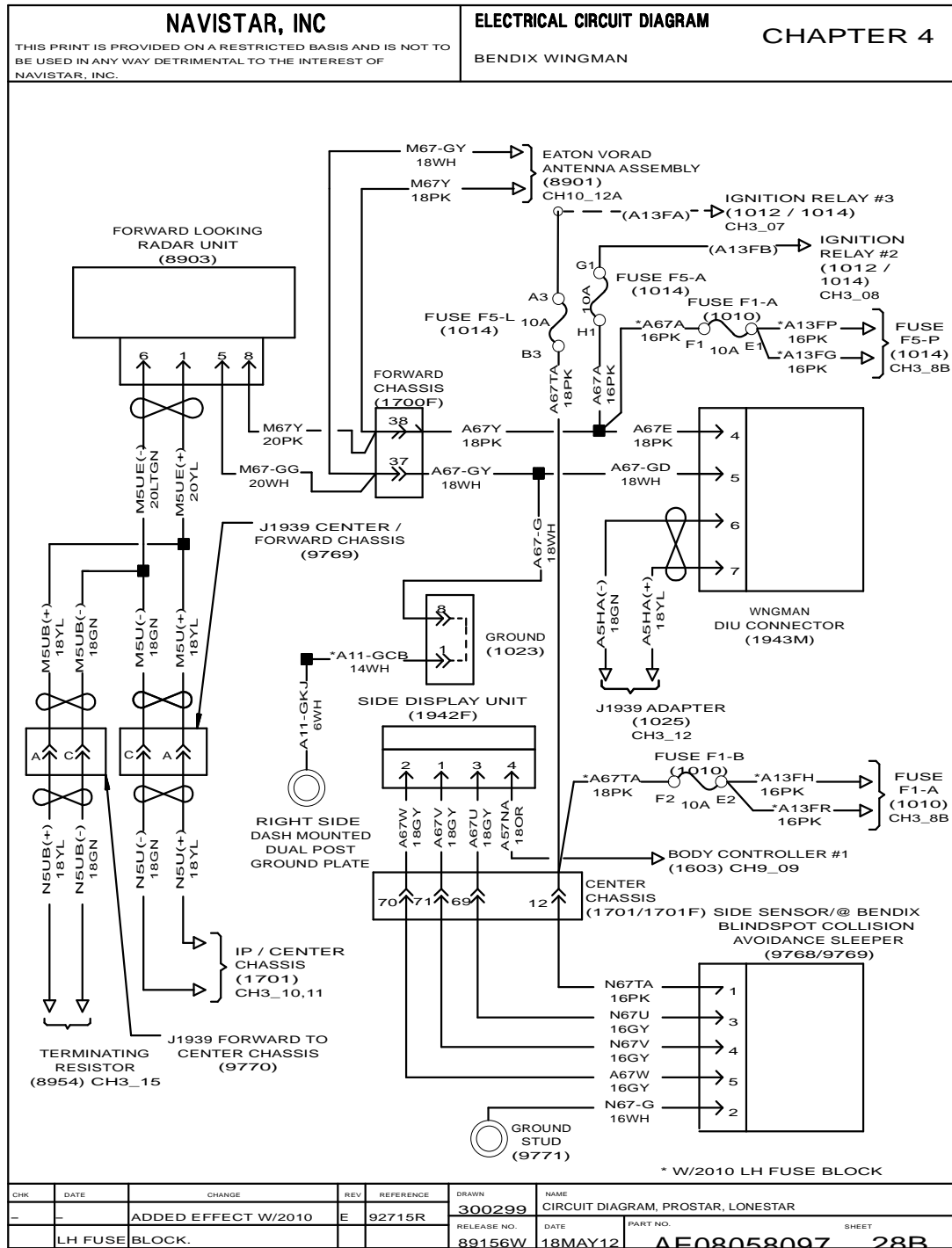


Figure 137 Bendix Wingman

4.44. WABCO ONGUARD WARNING SYSTEM, P. 28C

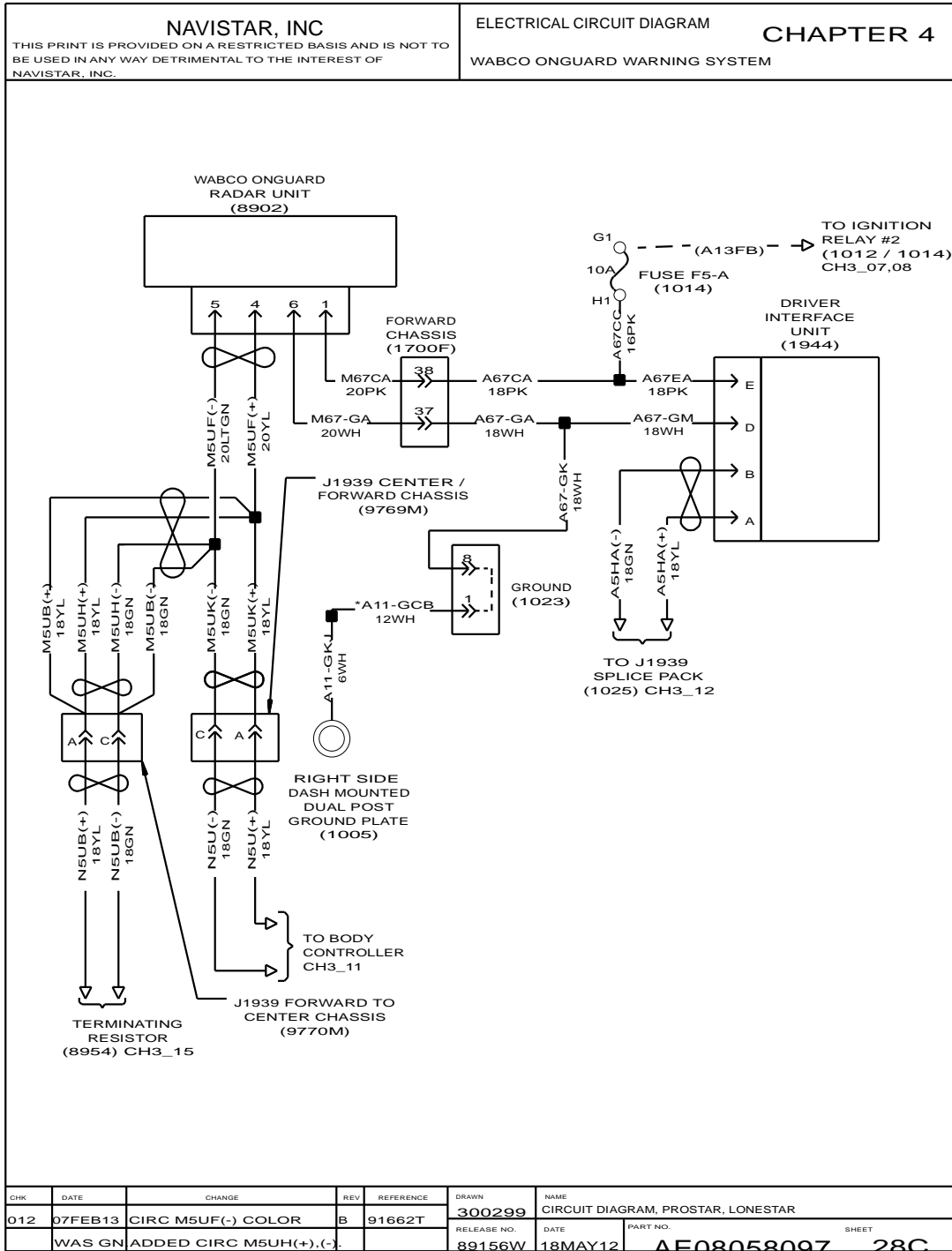


Figure 138 WABCO OnGuard Warning System



4.45. WABCO ONGUARD WARNING SYSTEM (CONT.), P. 28D

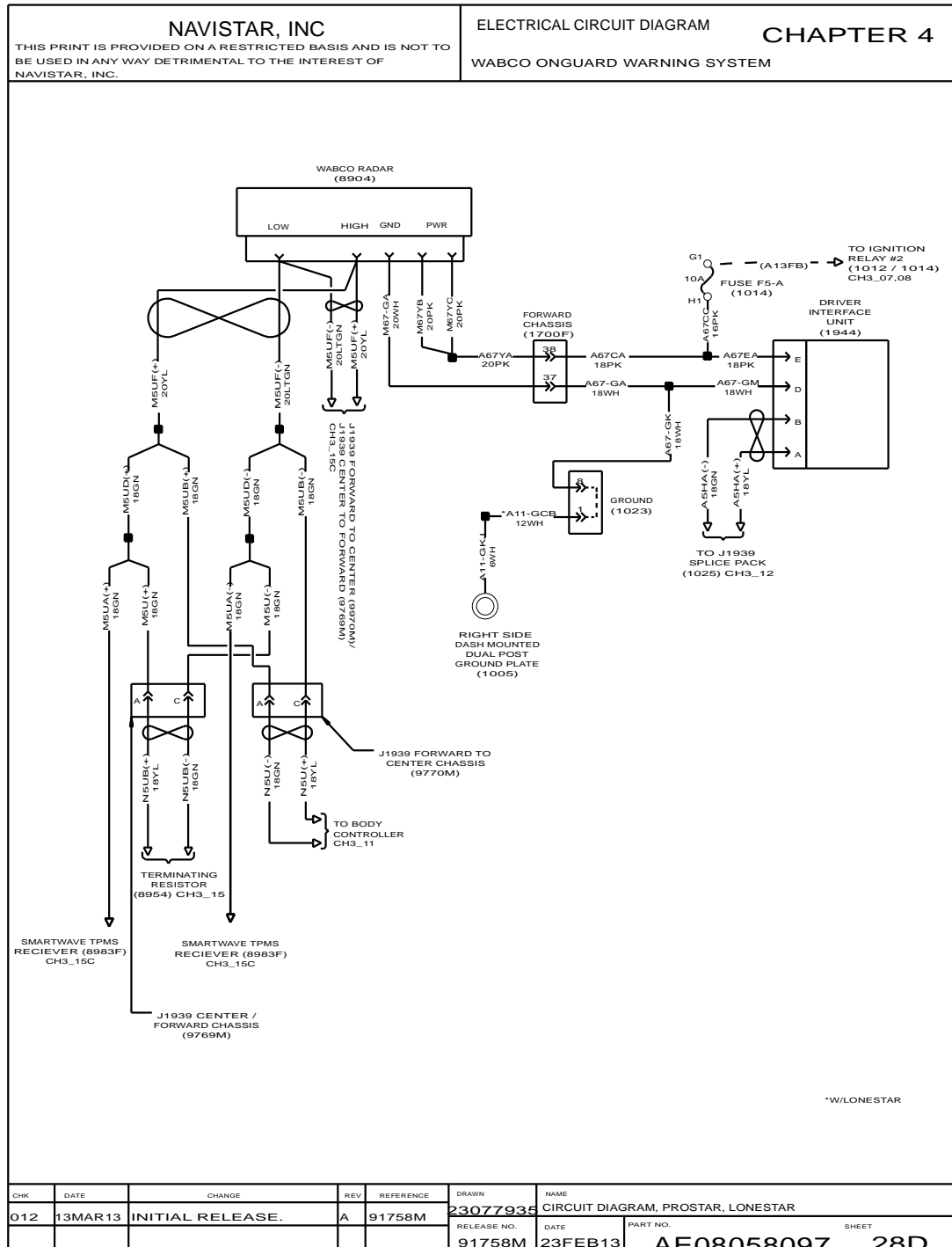


Figure 139 WABCO OnGuard Warning System (Cont.),

4.46. BENDIX WINGMAN (CONT.), P. 28E

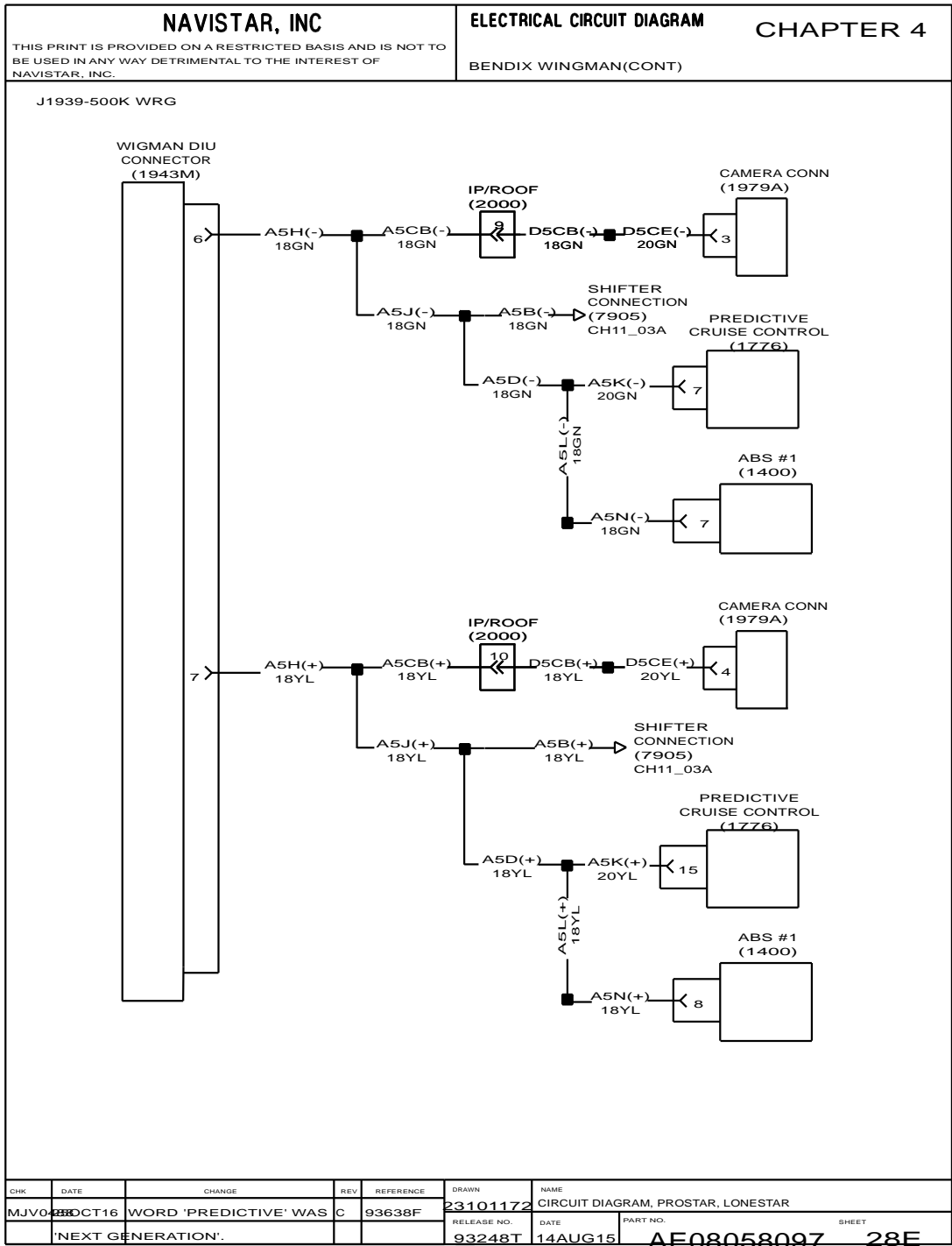


Figure 140 Bendix Wingman (Cont.)

4.47. QUALCOMM OMNIVISION, P. 29

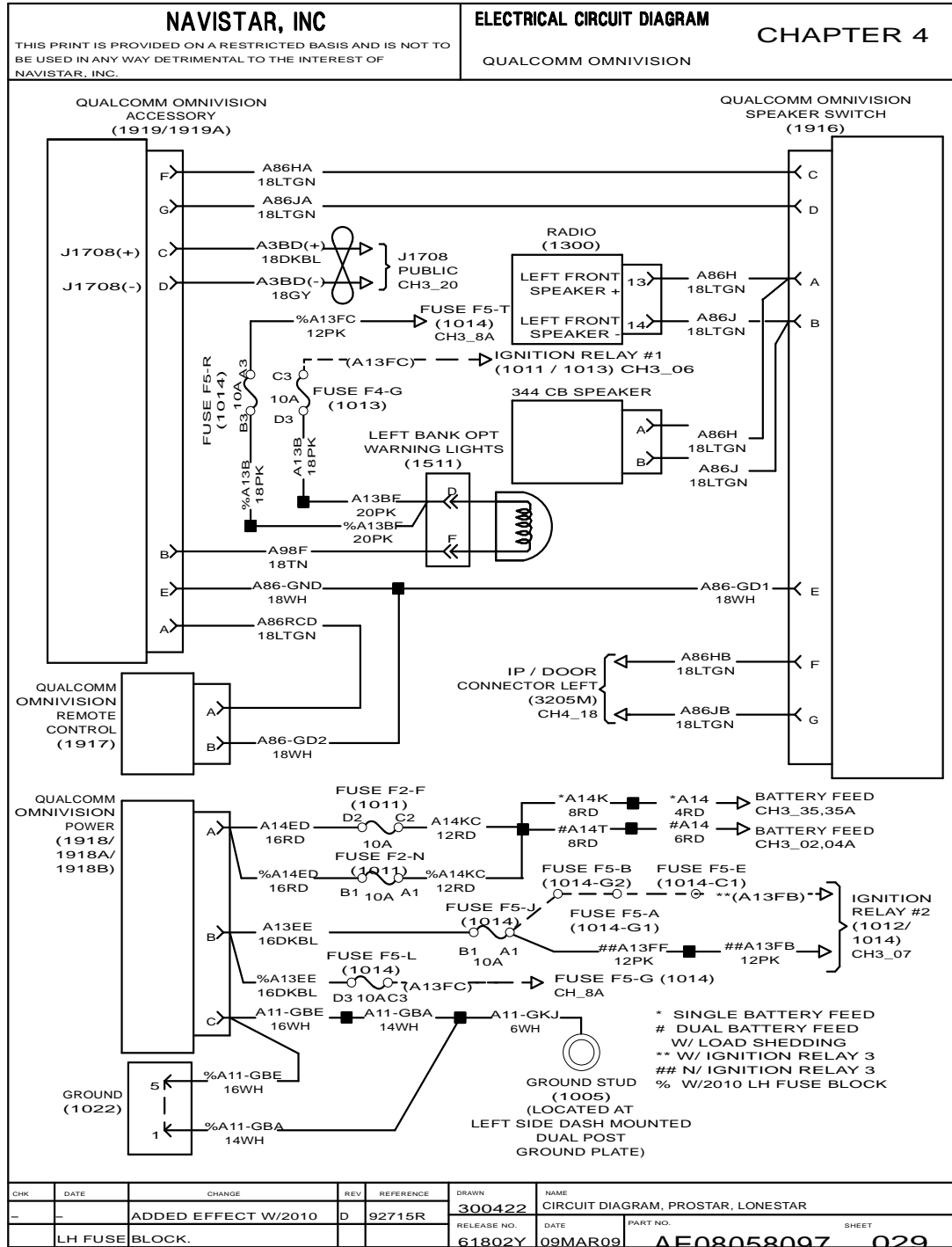


Figure 141 Qualcomm Omnivision

4.48. QUALCOMM OMNIVISION (CONT.), P. 30

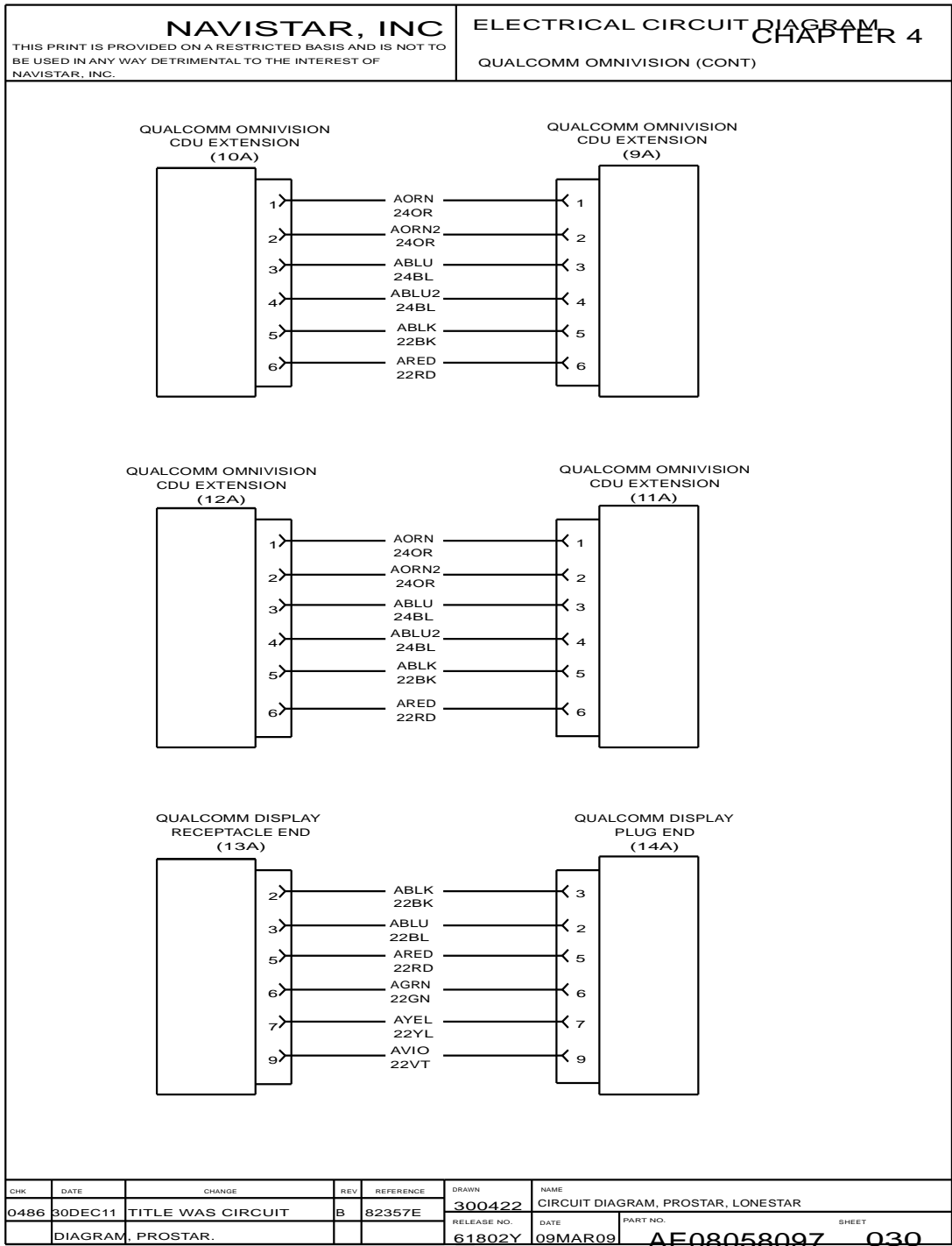


Figure 142 Qualcomm Omnivision (Cont.)

4.49. SATELLITE COMMUNICATION SYSTEM – PEOPLETNET SLEEPER (0008RHA), P. 30A

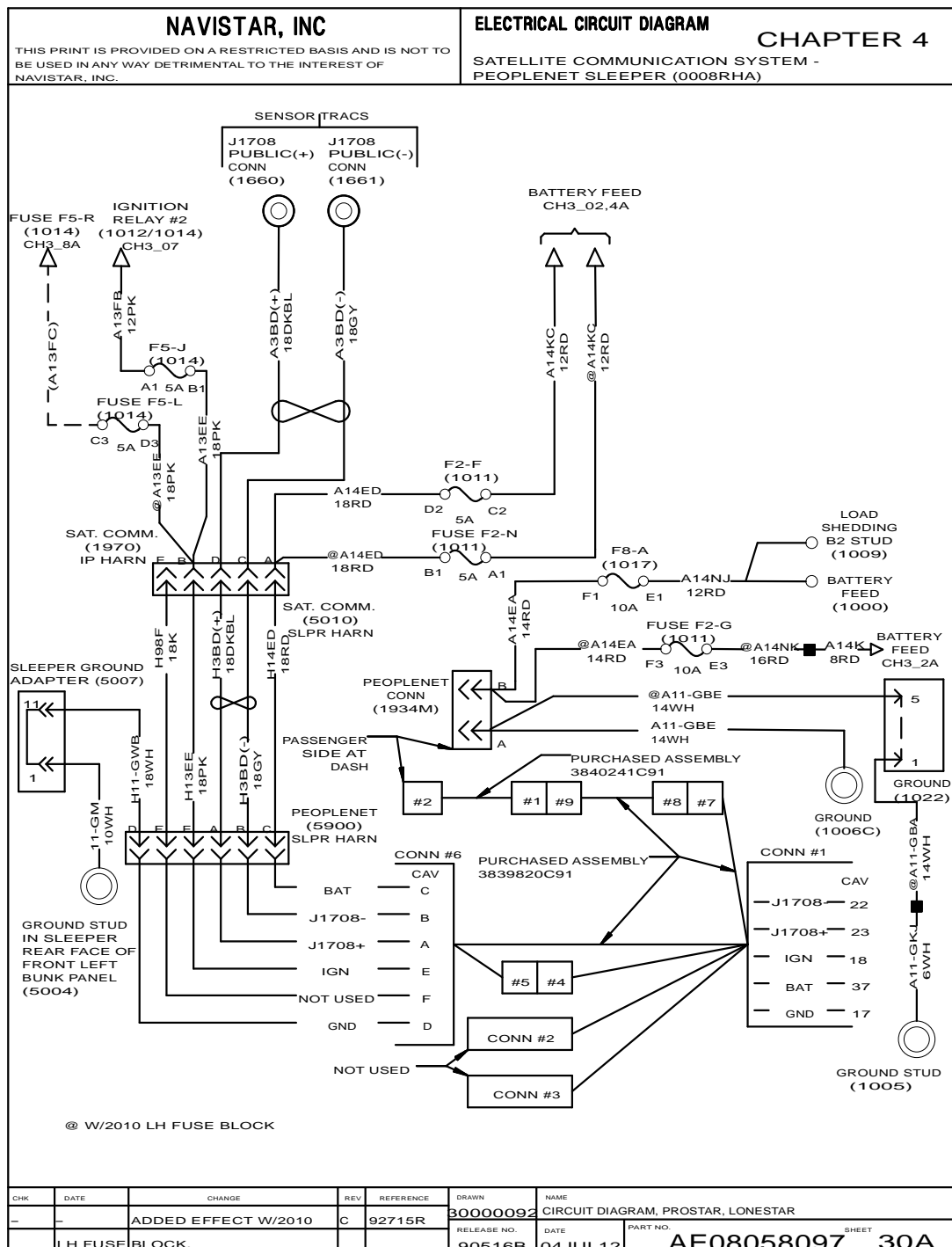


Figure 143 Satellite Communication System – Peopletnet Sleeper (0008RHA)

4.50. SATELLITE COMMUNICATION – PEOPLETNET DAYCAB (0008RHA), P. 30B

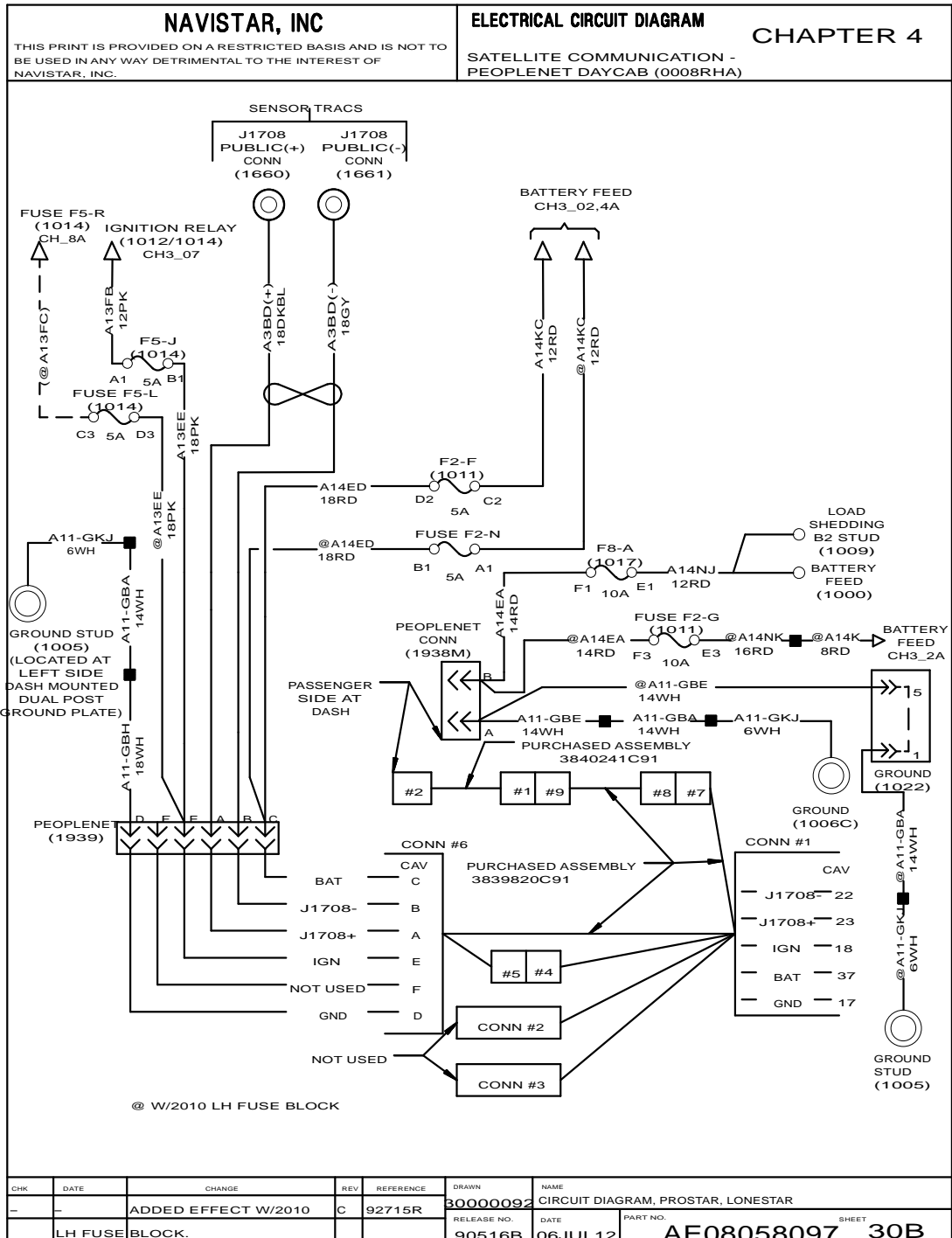


Figure 144 Satellite Communication System – Peopletnet Daycab (0008RHA)

4.51. GATEWAY MODULE SLEEPER / DAYCAB (0008RHA), P. 30C

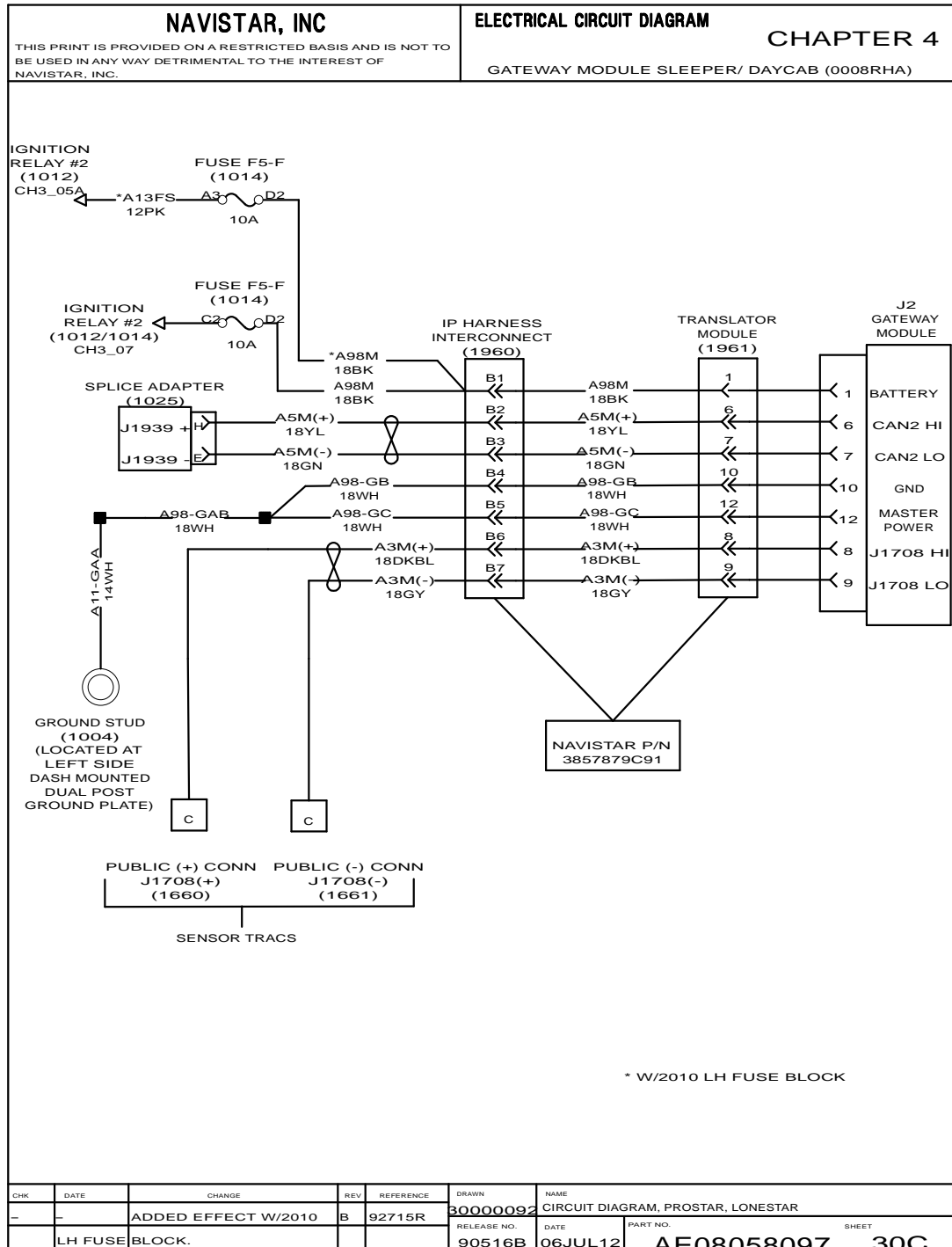


Figure 145 Gateway Module Sleeper / Daycab (0008RHA)

4.52. SATELLITE COMMUNICATION – PEOPLENET SLEEPER WITH VIDEO ADAPTER (0008RLK / RLG), P. 30D

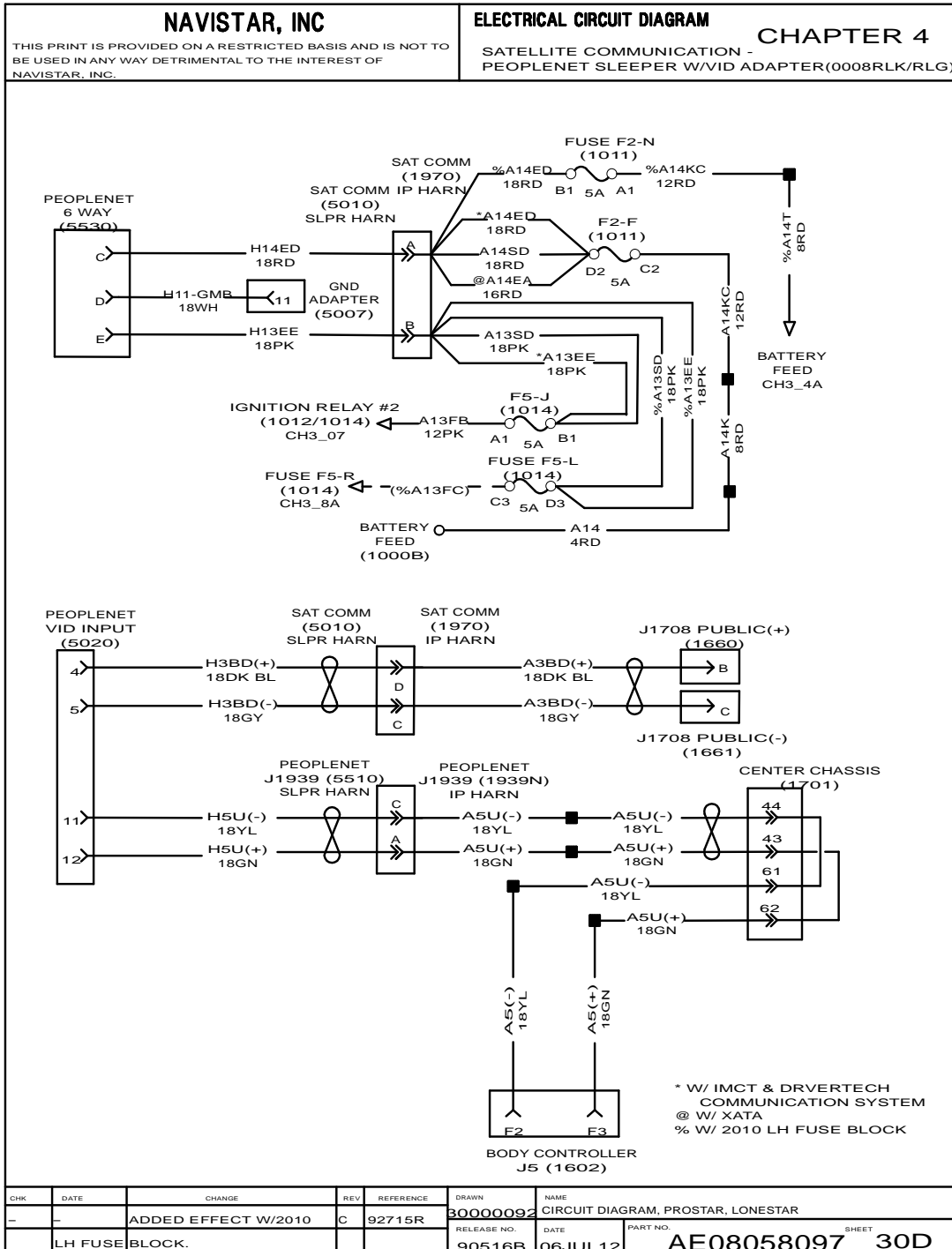


Figure 146 Satellite Communication – Peoplenet Sleeper with Video Adapter (0008RLK / RLG)



4.53. SATELLITE COMMUNICATION – PEOPLETNET DAY CAB WITH VIDEO ADAPTER (0008RLK / RLG), P. 30E

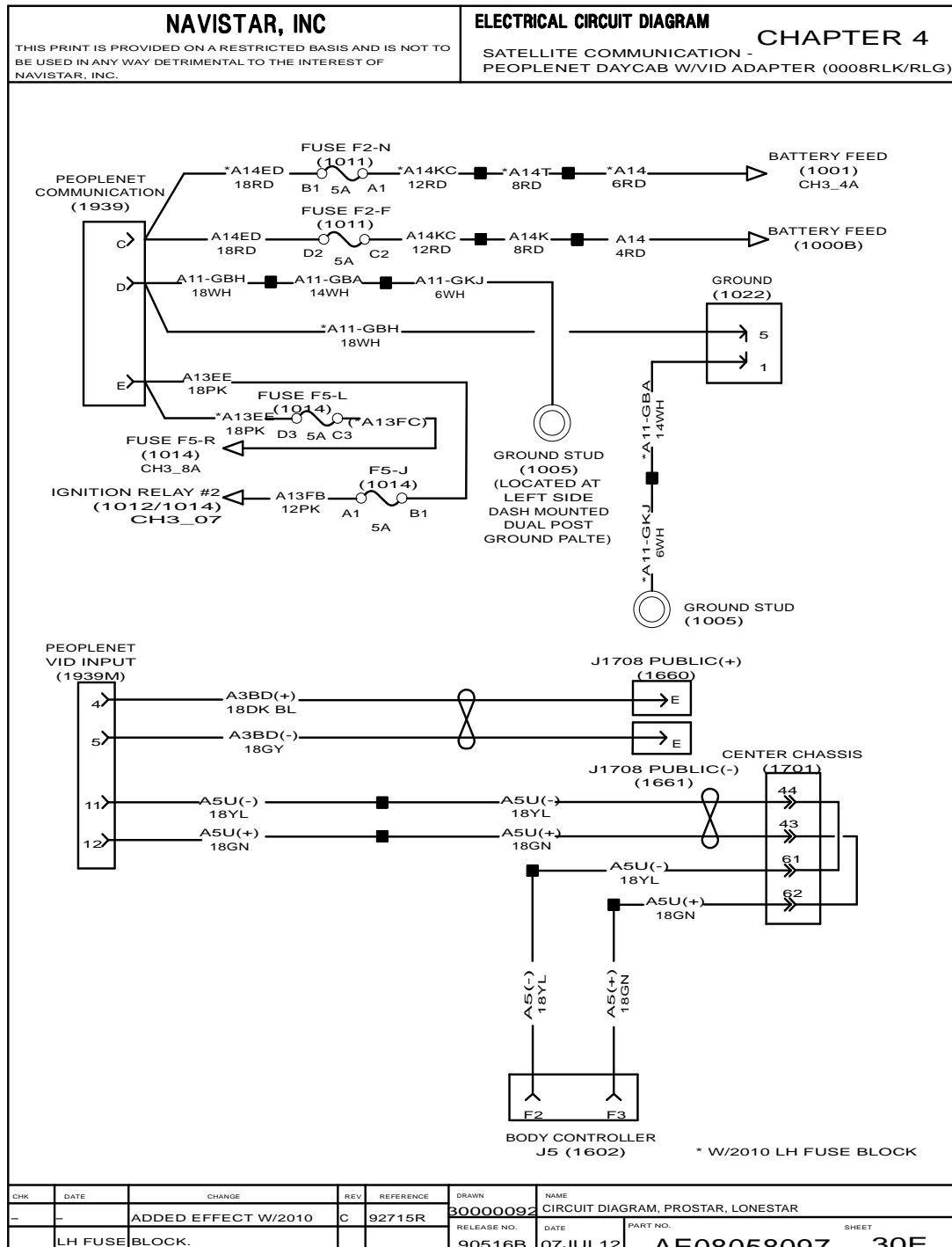


Figure 147 Satellite Communication – Peopletnet Day Cab with Video Adapter (0008RLK / RLG)

4.54. SLEEPER / DAYCAB VIDEO INPUT MODULE WIRING, P. 30F

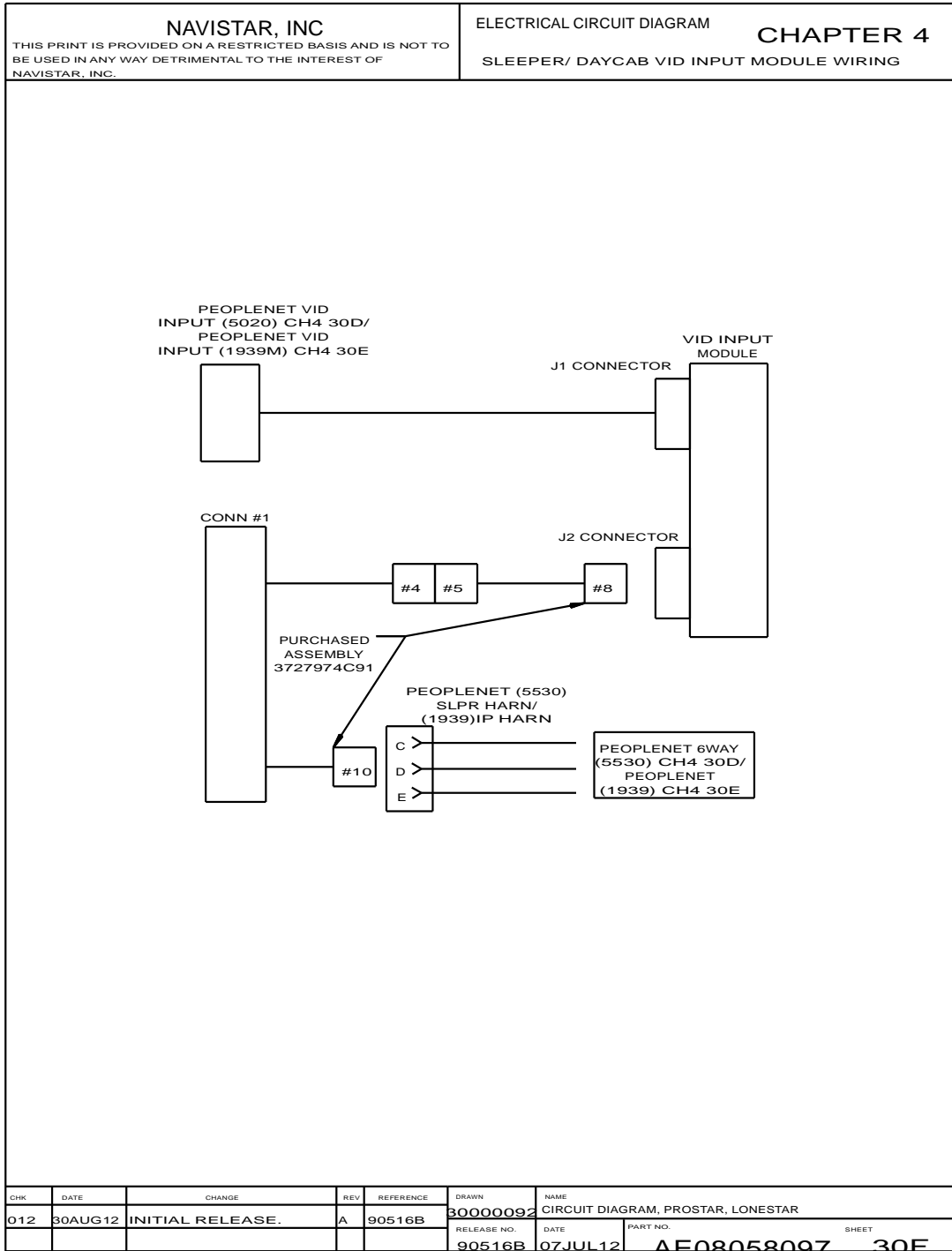


Figure 148 Sleeper / Daycab Video Input Module Wiring

4.55. PEOPLENET WITH J1708 WITH 6CH ABS, P. 30G

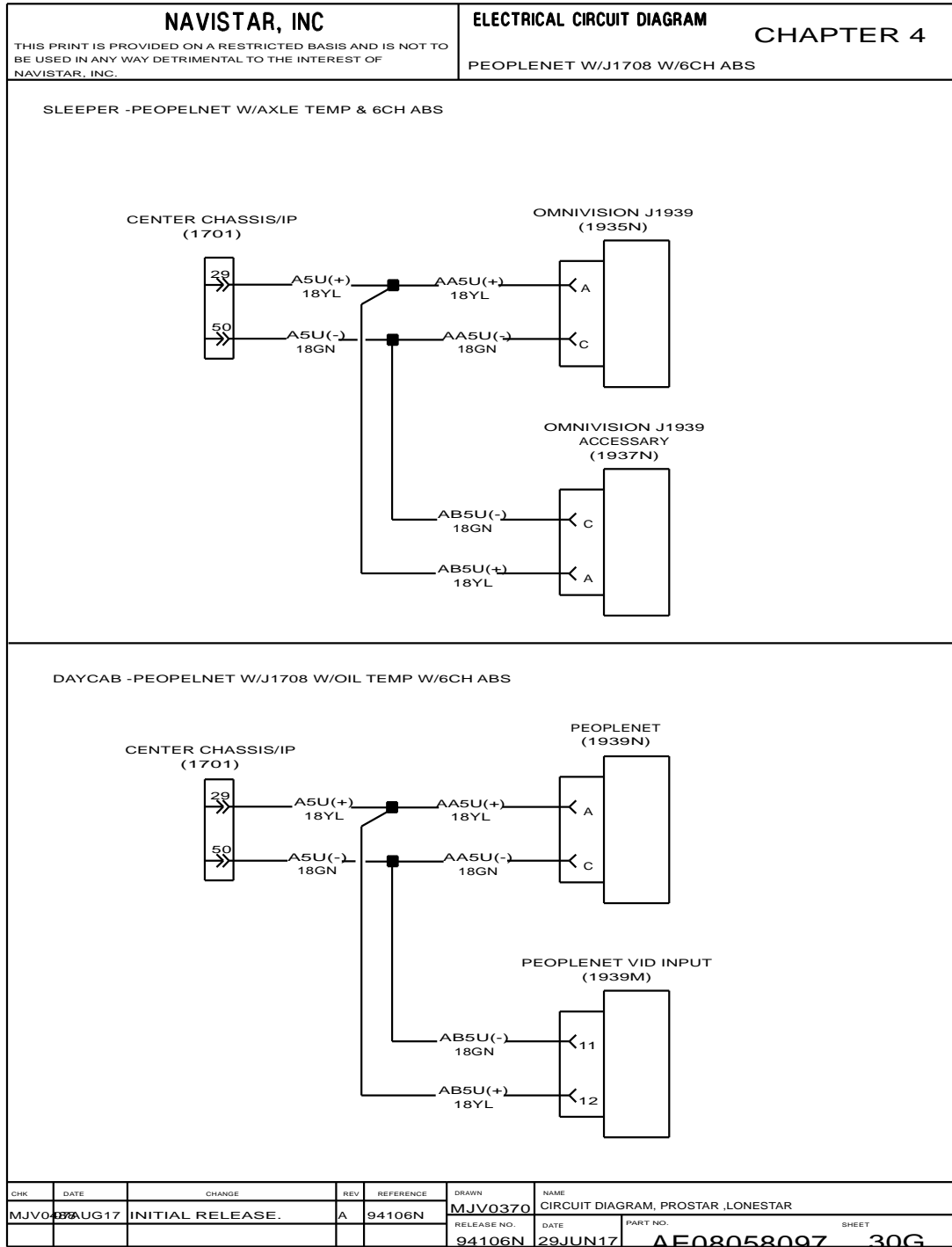


Figure 149 Peoplenet with J1708 with 6CH ABS

4.56. MOTIENT MOBILE MAX, P. 31

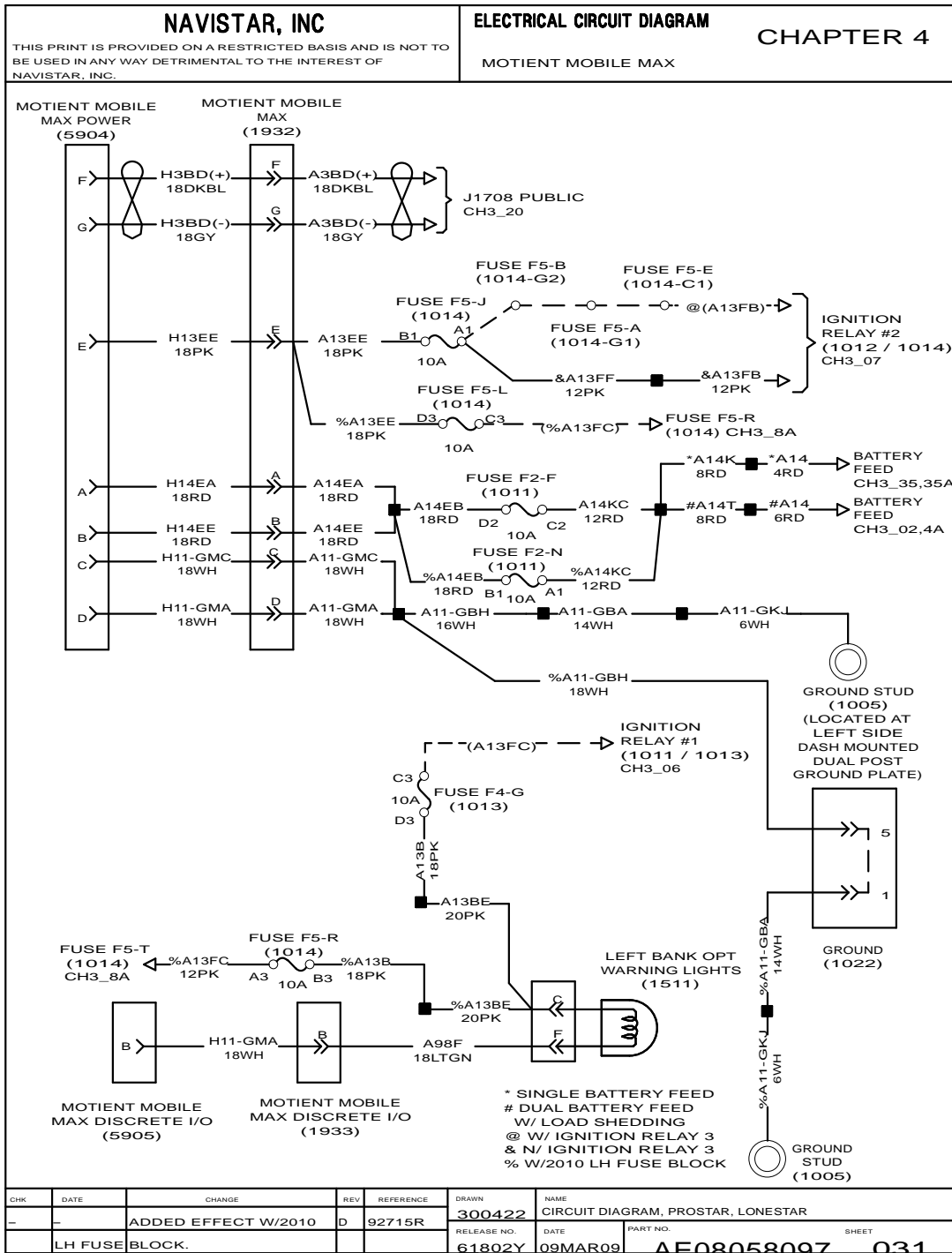


Figure 150 Motient Mobile Max

4.57. REMOTE RADIO, P. 32

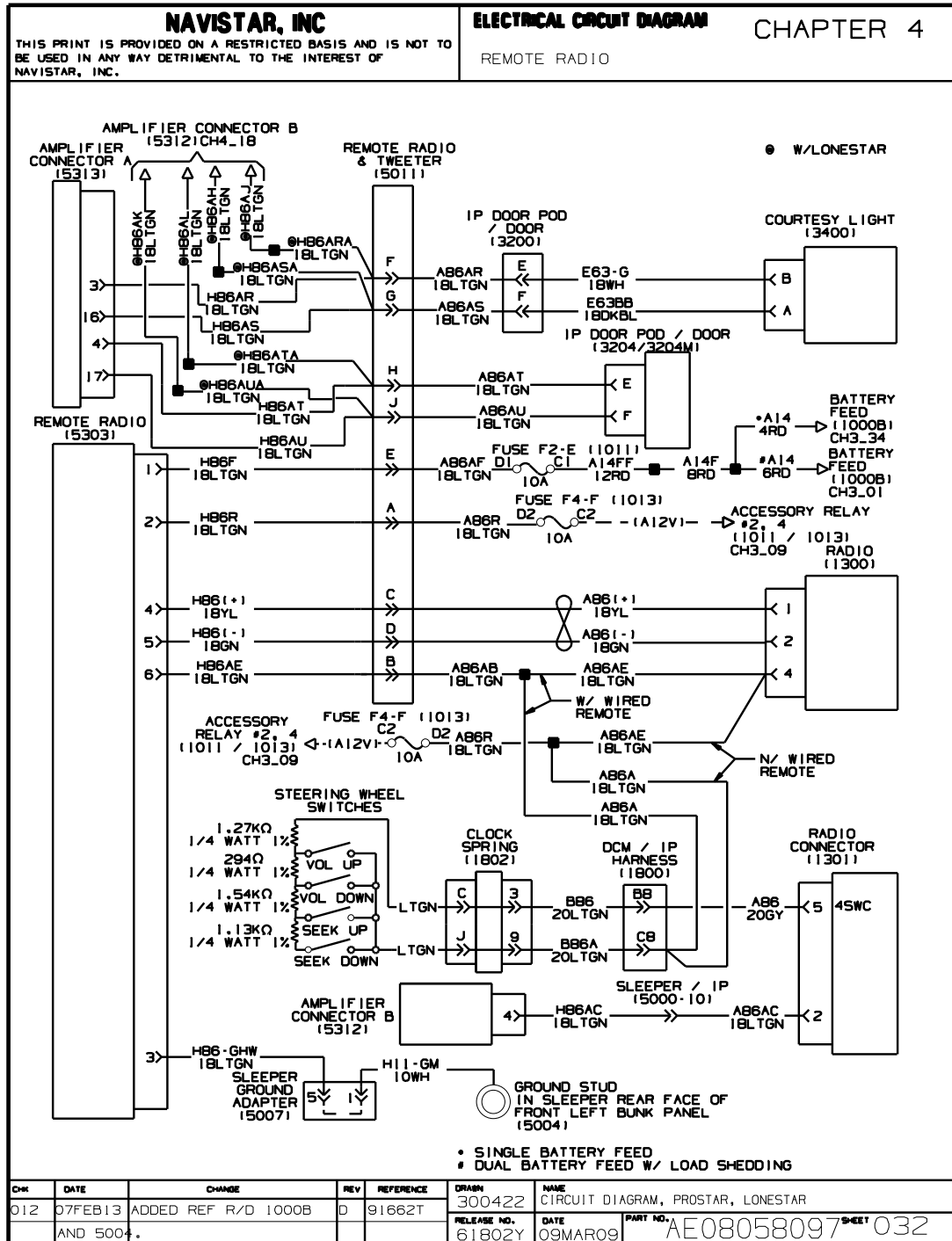


Figure 151 Remote Radio

4.58. REMOTE RADIO (CONT.), P. 33

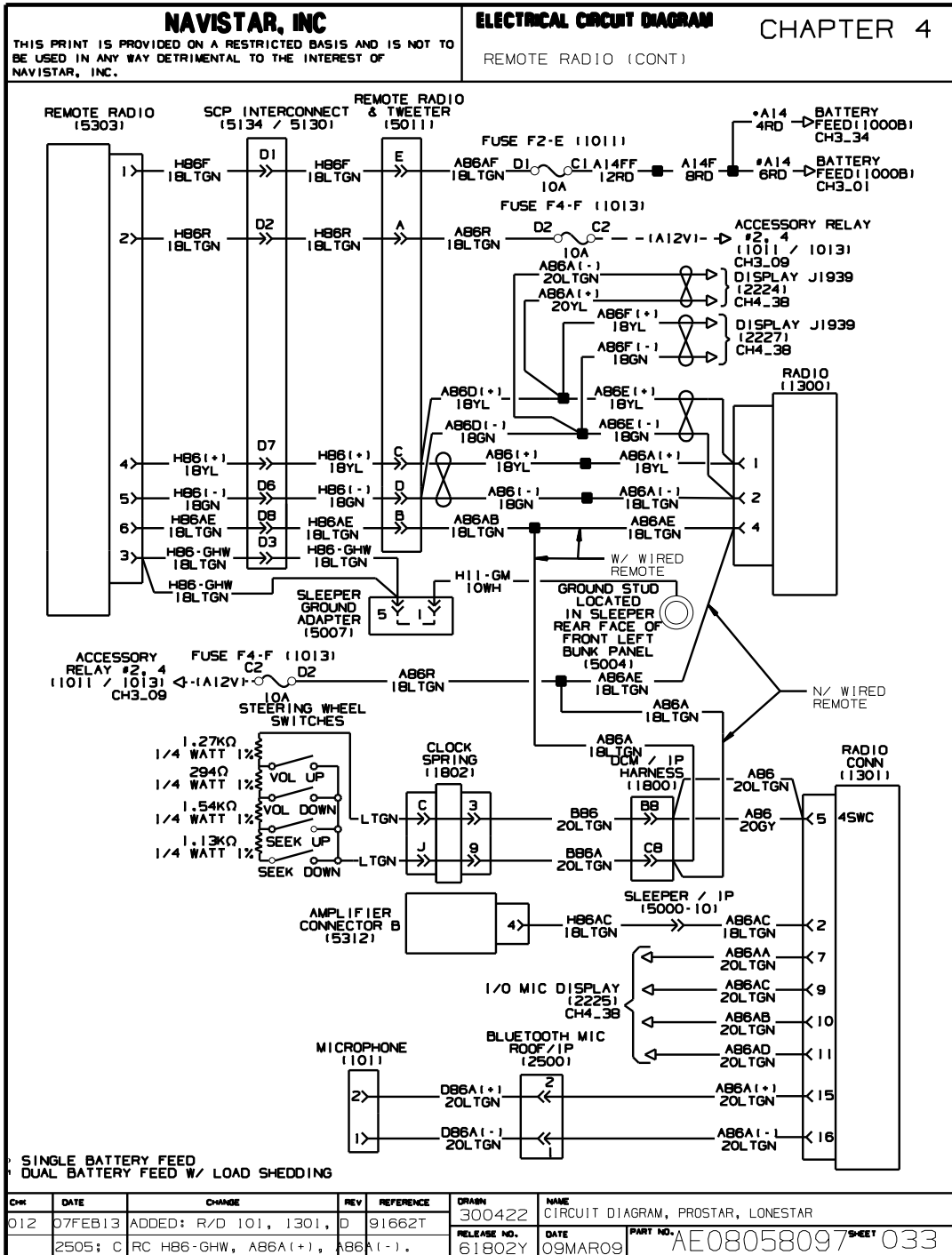


Figure 152 Remote Radio (Cont.)

4.59. SART CLOCK MODULE, P. 34

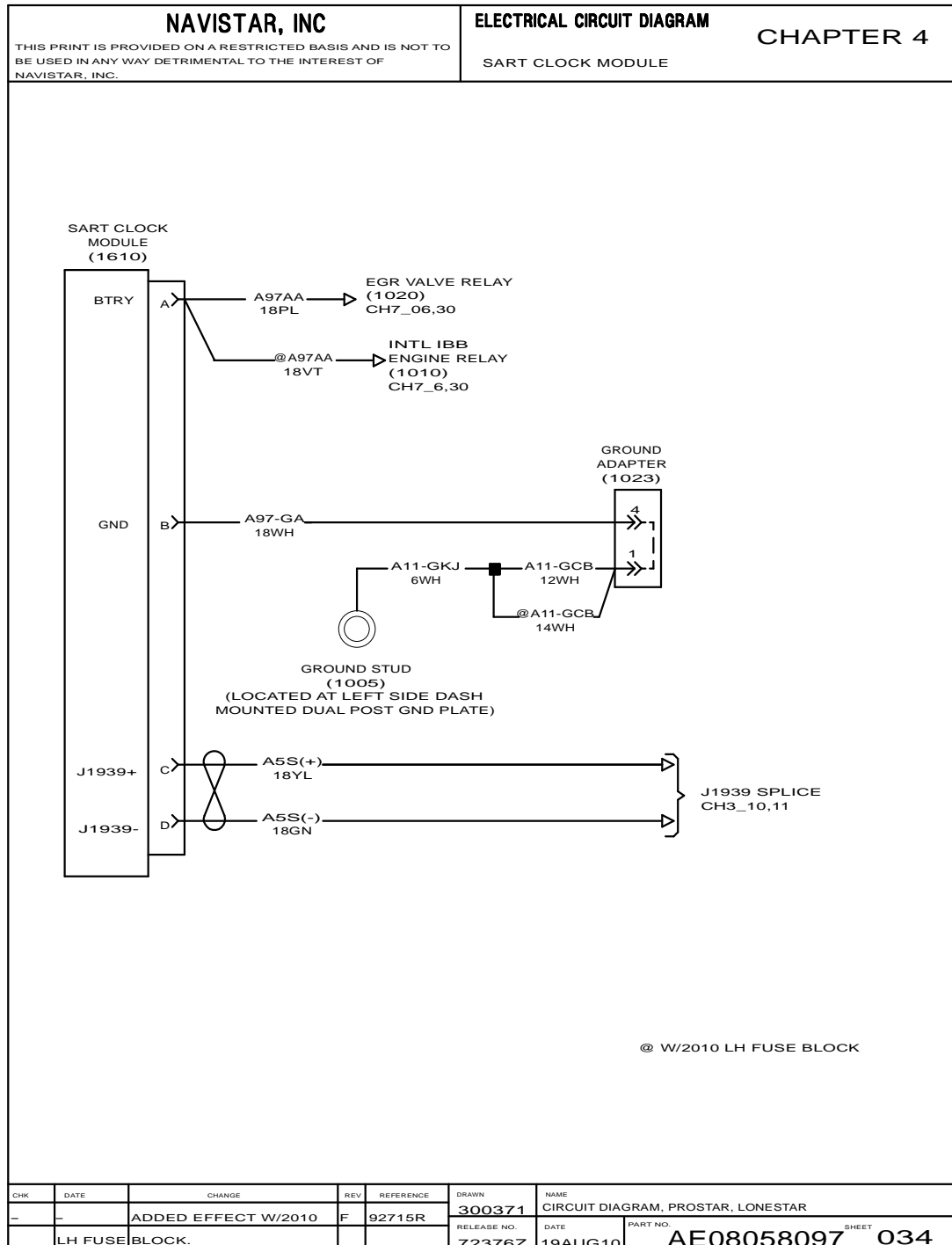


Figure 153 SART Clock Module

4.60. LANE DEPARTURE SYSTEM – TAKATA, P. 35

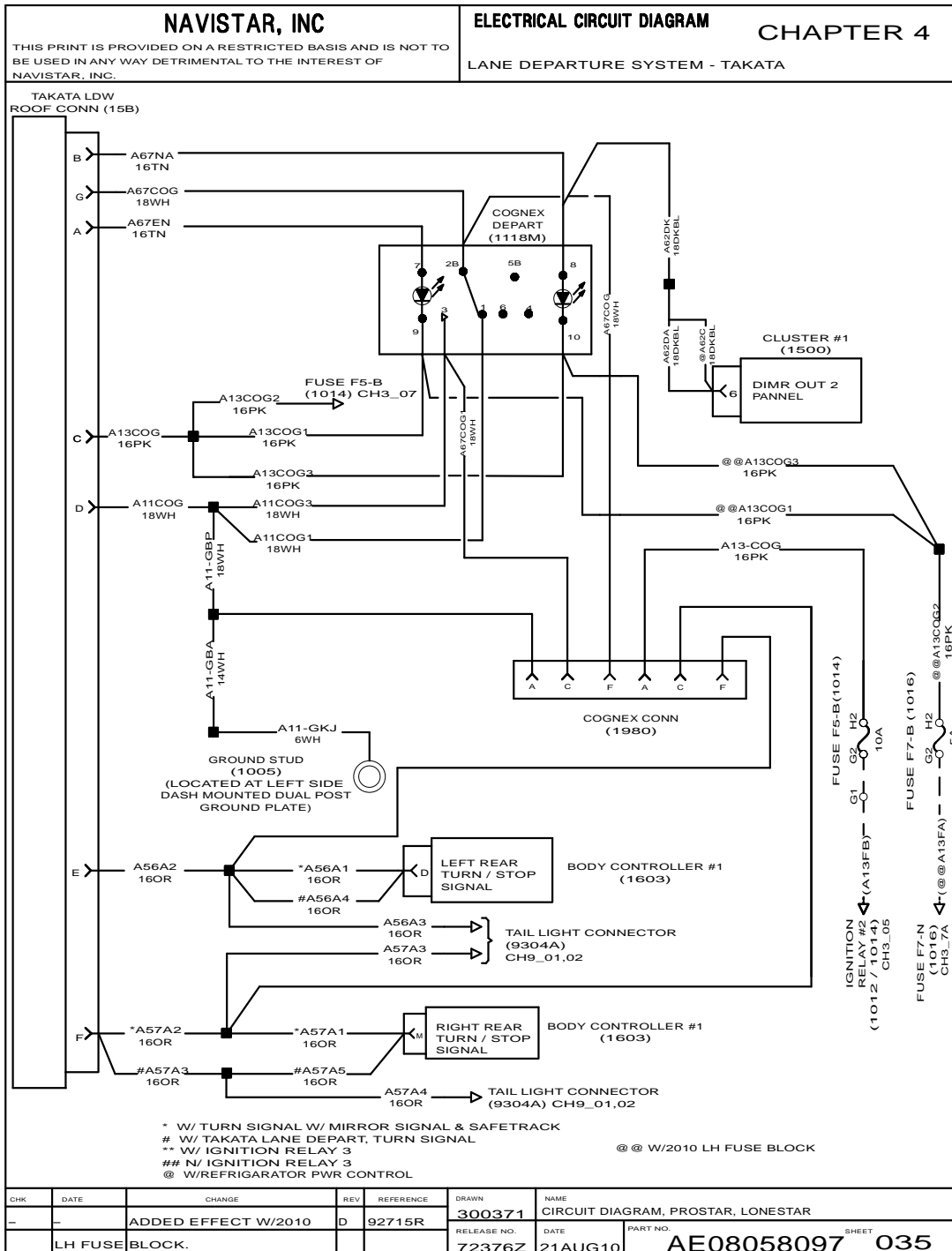


Figure 154 Lane Departure System – Takata



4.61. CLOCK SPRING, P. 36

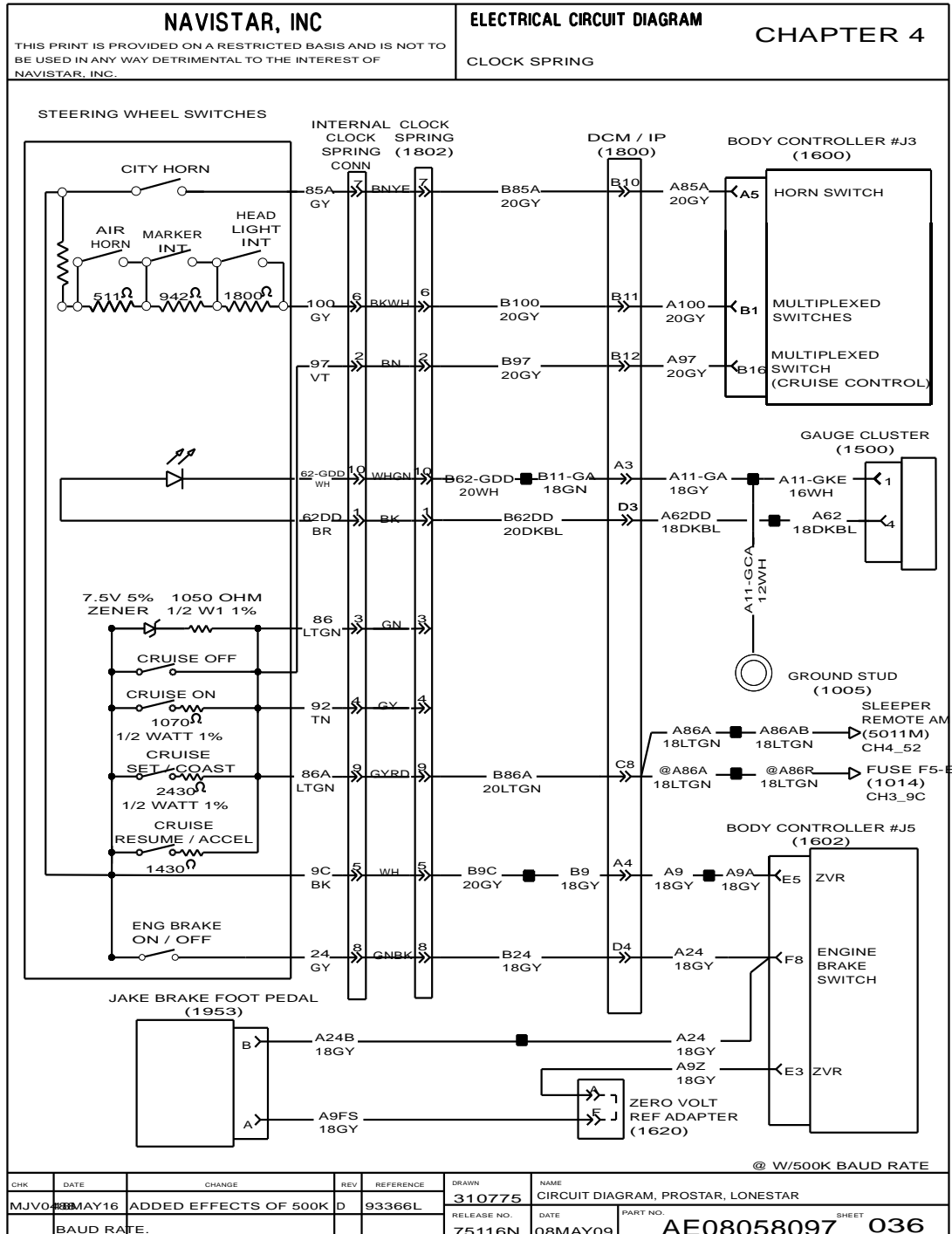


Figure 155 Clock Spring

4.62. TRANSLATOR MODULE, P. 37

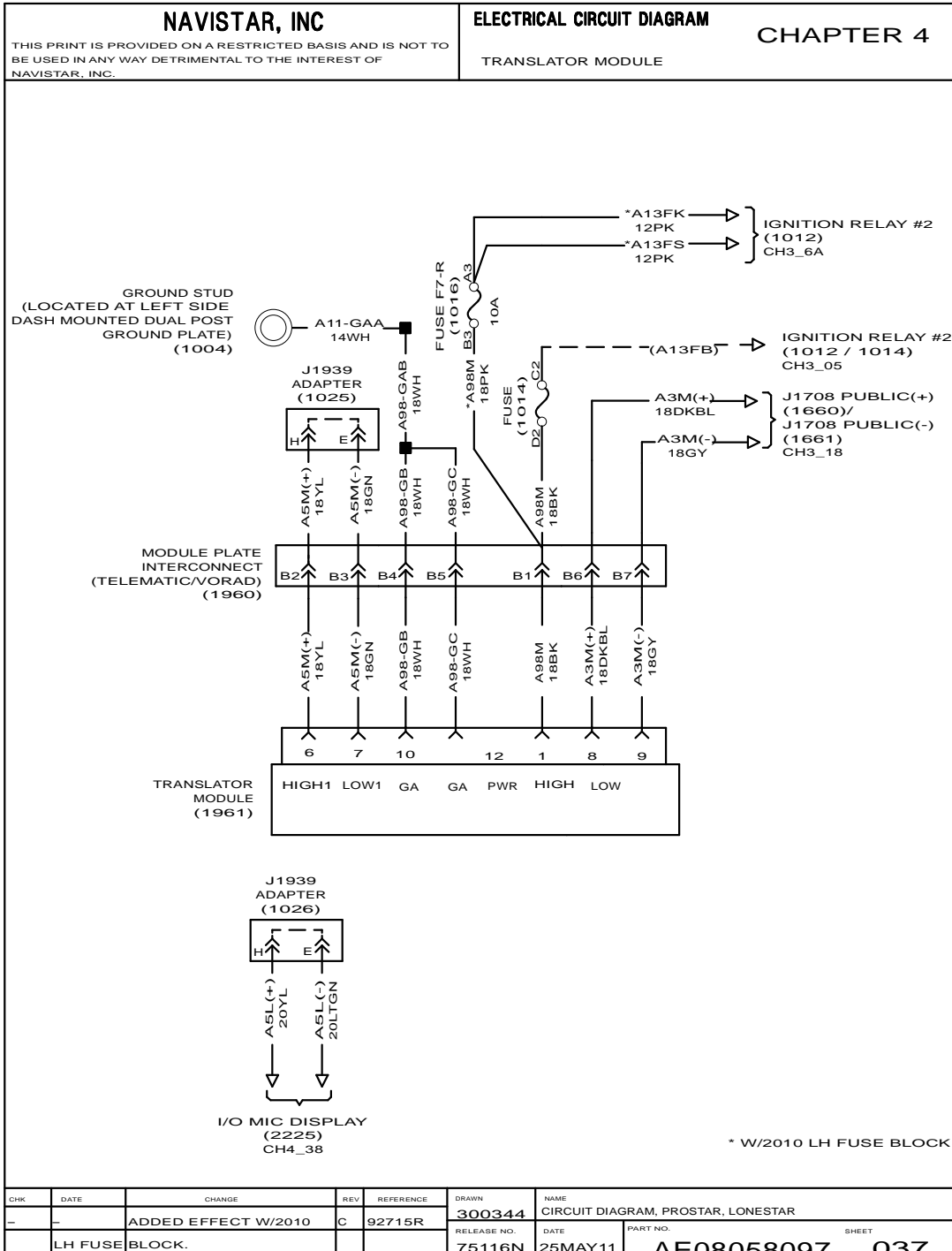


Figure 156 Translator Module

4.63. POWER DISPLAY, P. 38

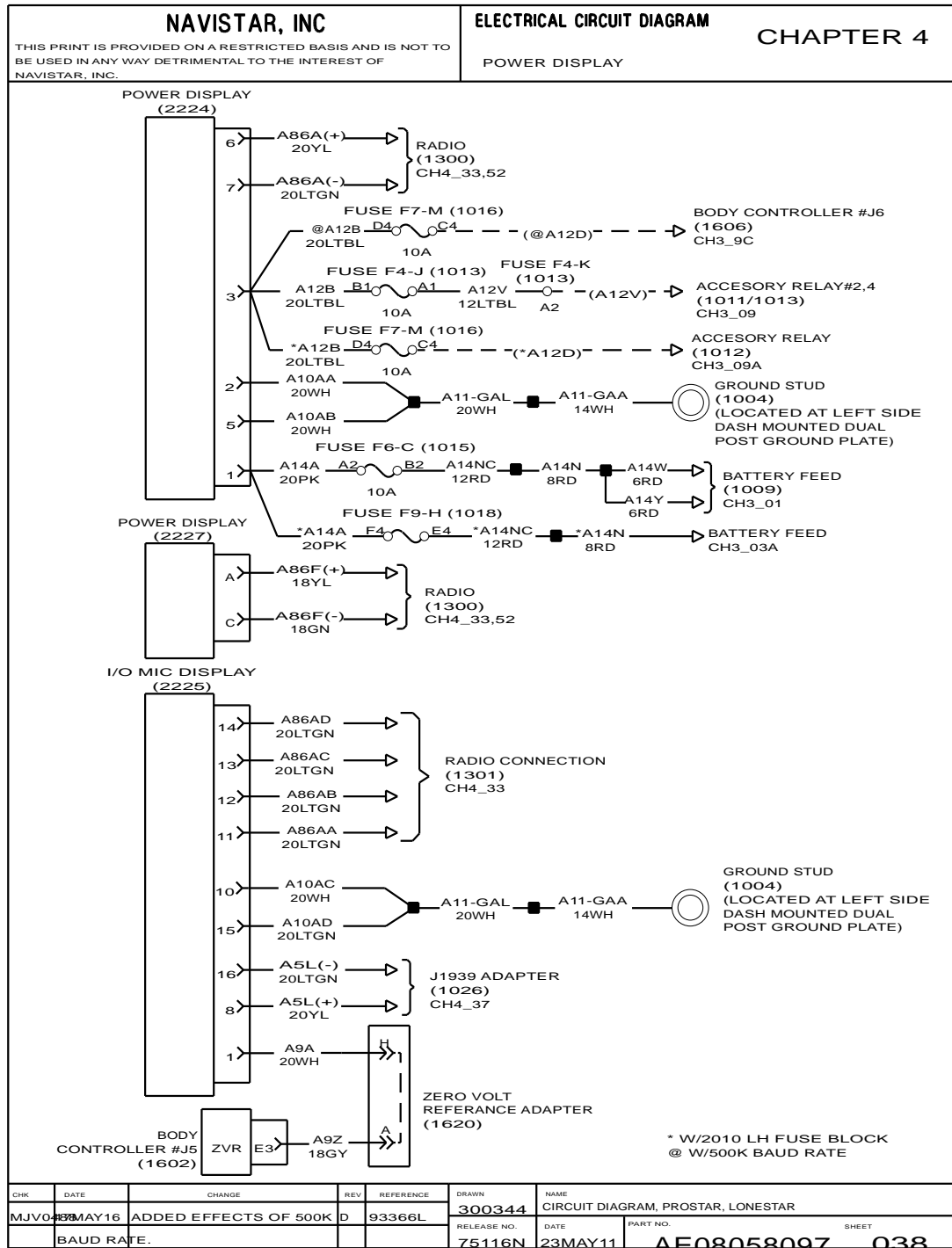


Figure 157 Power Display

4.64. POWER DISPLAY (CONT.), P. 39

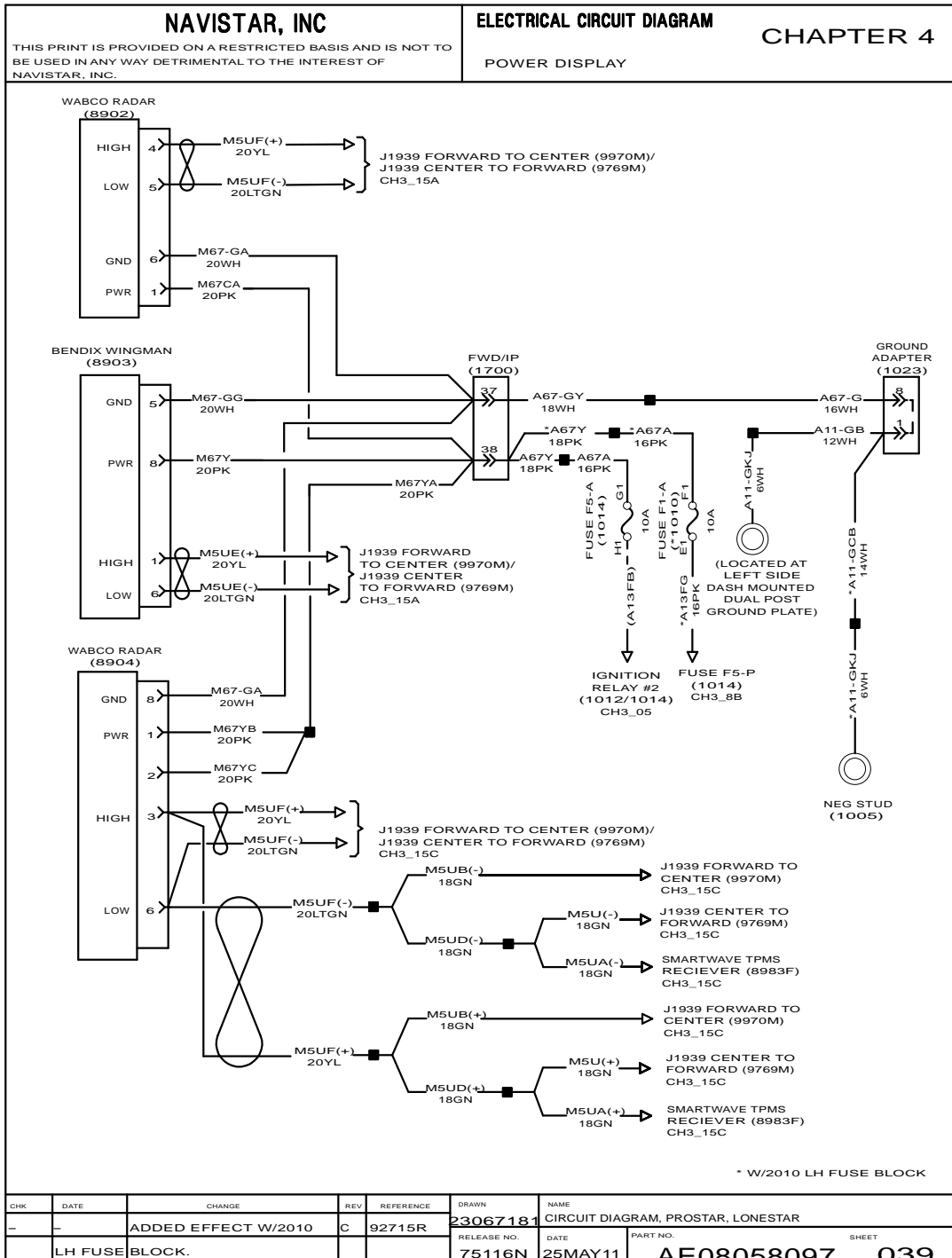


Figure 158 Power Display (Cont.)

4.65. PREWIRE MOBILEYE, P. 40

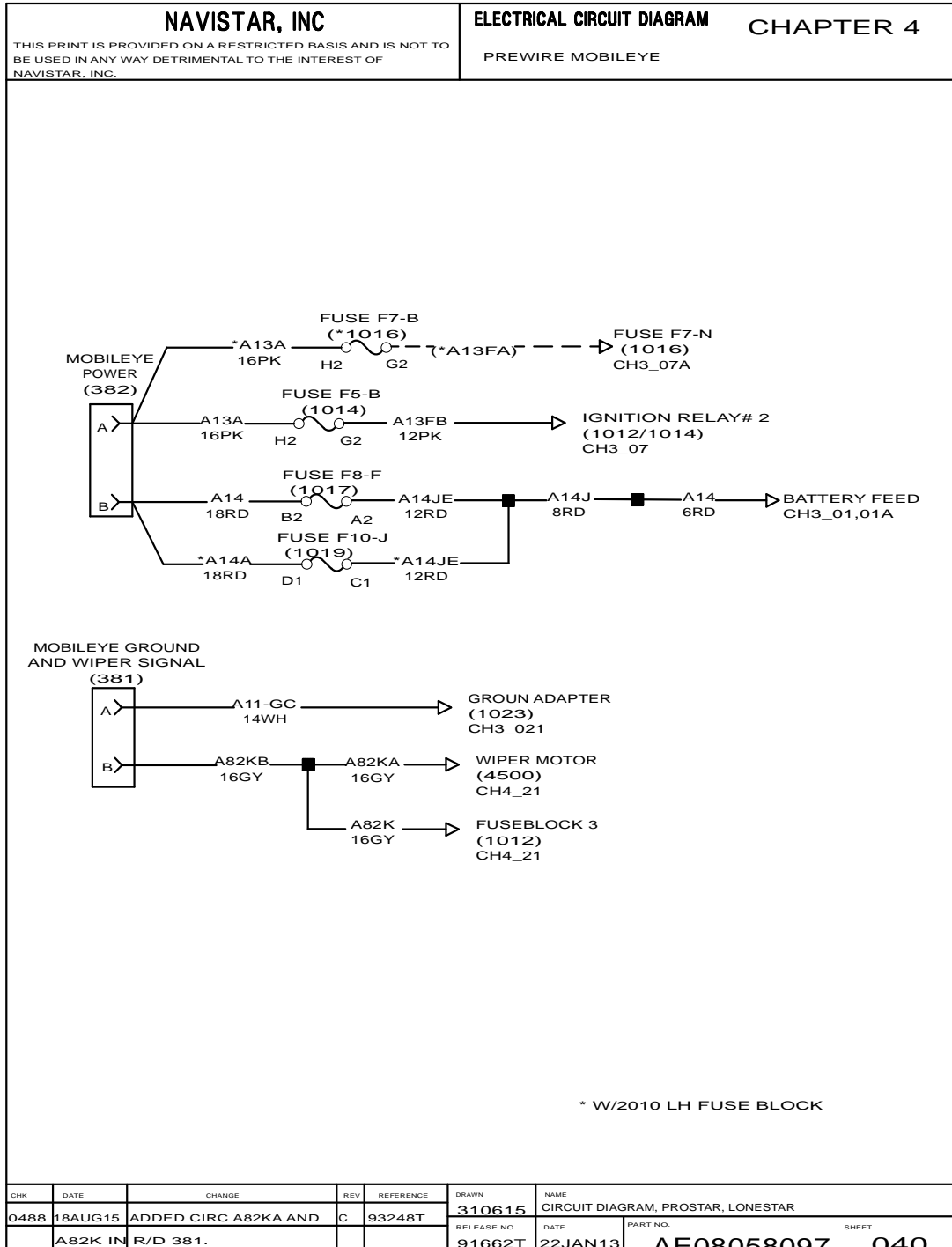


Figure 159 Prewire Mobileye

4.66. INTENTIONALLY LEFT BLANK, P. 41

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 4</b>	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				INTENTIONALLY LEFT BLANK			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0638	14OCT14	INITIAL RELEASE.	A	92715R	23134937	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
					RELEASE NO.	DATE	PART NO.
					92715R	06OCT14	AE08058097
							SHEET 041

Figure 160 Intentionally Left Blank

4.67. INTENTIONALLY LEFT BLANK, P. 42

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 4</b>	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				INTENTIONALLY LEFT BLANK			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0638	14OCT14	INITIAL RELEASE.	A	92715R	23134937	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
					RELEASE NO.	DATE	PART NO. SHEET
					92715R	06OCT14	AE08058097 042

Figure 161 Intentionally Left Blank

4.68. DRIVER DISPLAY – VEHICLE INFORMATION, P. 43

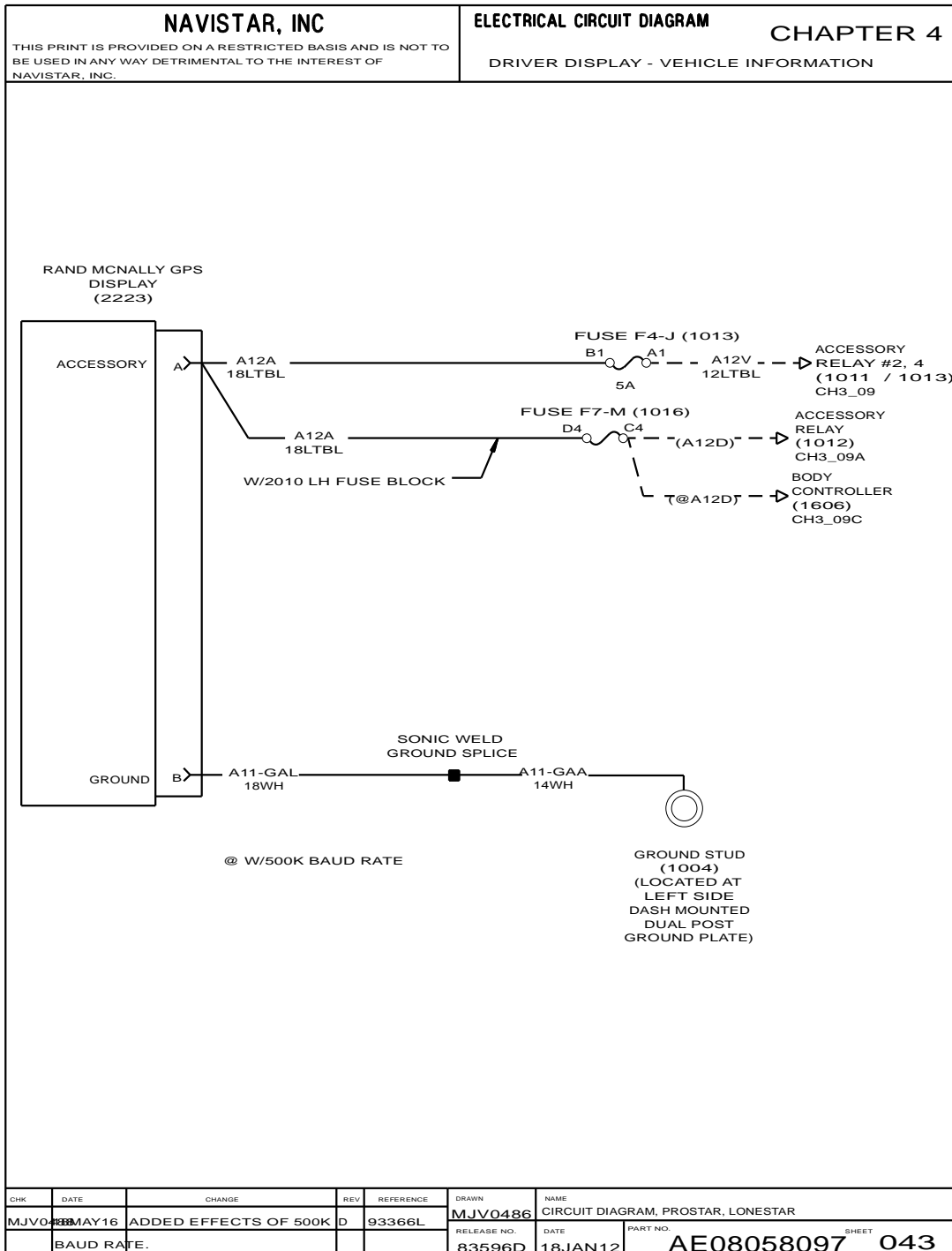


Figure 162 Driver Display – Vehicle Information



4.69. INTENTIONALLY LEFT BLANK, P. 44

<b>NAVISTAR, INC</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM INTENTIONALLY LEFT BLANK		<b>CHAPTER 4</b>	
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0610	12NOV13	GEOMETRY REMOVE.	B	90656P	MJV0088	CIRCUIT DIAGRAM, PORSTAR, LONESTAR	
					RELEASE NO.	DATE	PART NO. SHEET
					92050H	30MAY13	AE08058097 044

Figure 163 Intentionally Left Blank

4.70. ROOF / TACHOGRAPH WITH RUSSIAN PROSTAR, P. 45

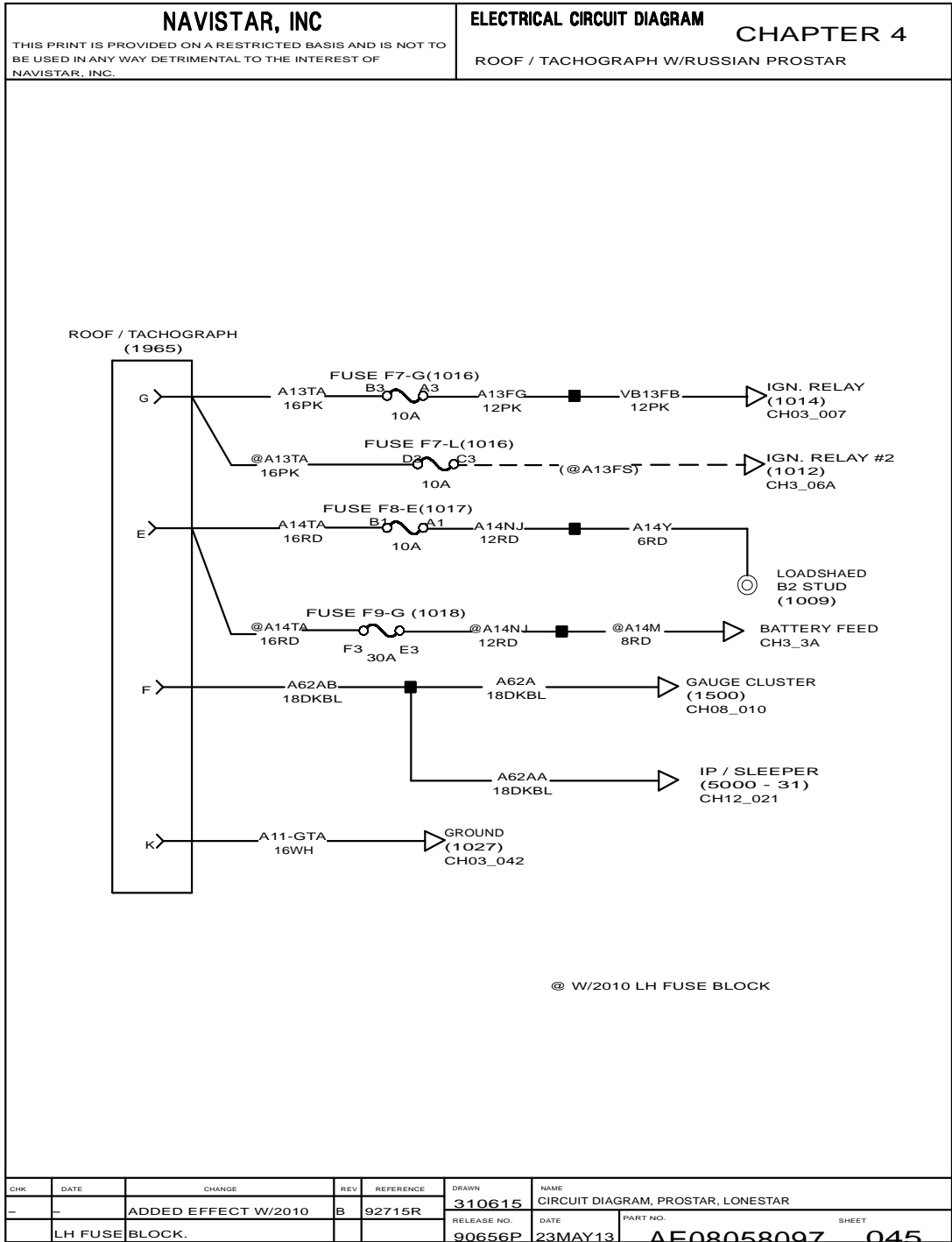


Figure 164 Roof / Tachograph with Russian Prostar

4.71. 4-WIRE CLOCK SPRING MODULE, P. 46

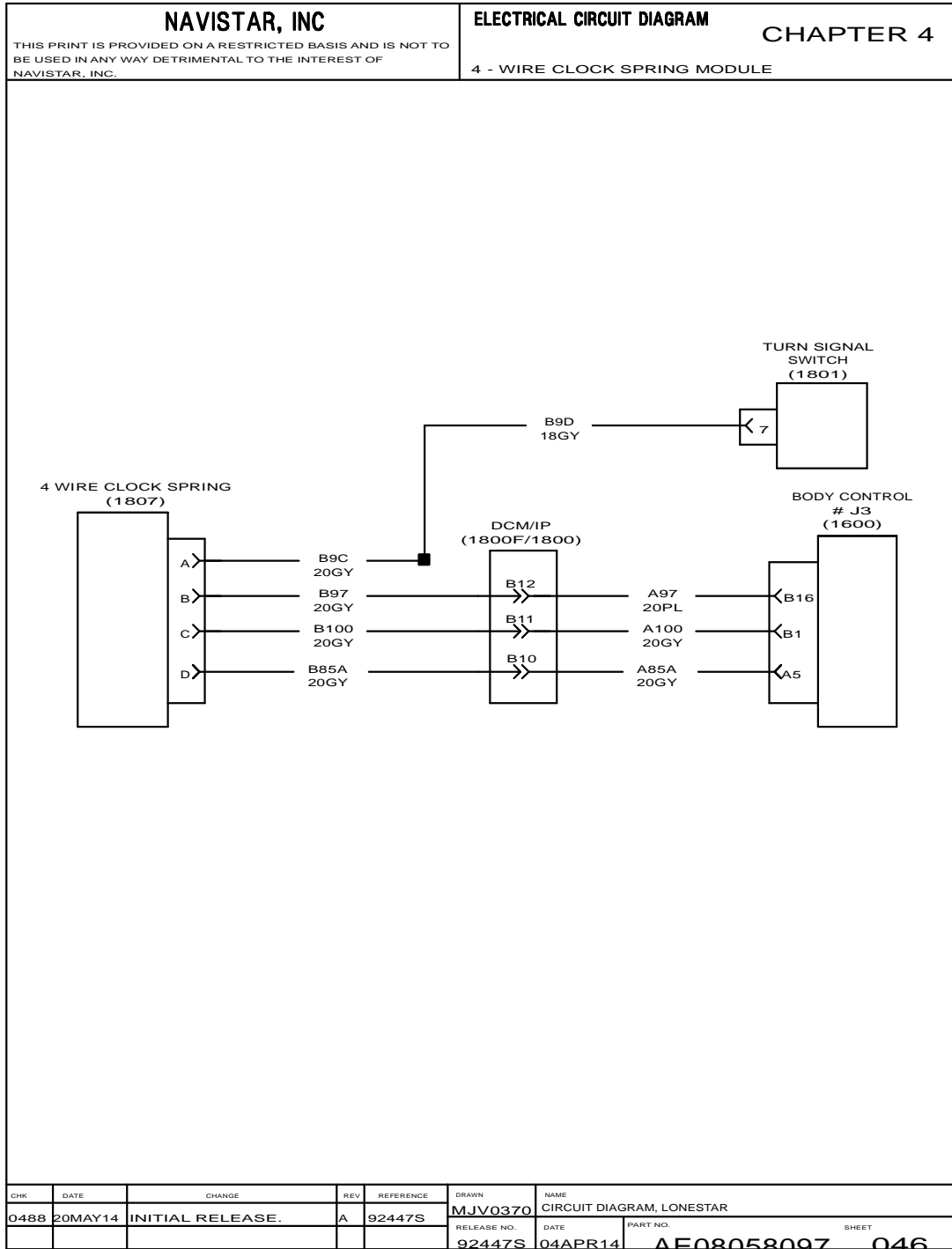


Figure 165 4-Wire Clock Spring Module

4.72. SDP CONN (BENDIX FUSION), P. 47

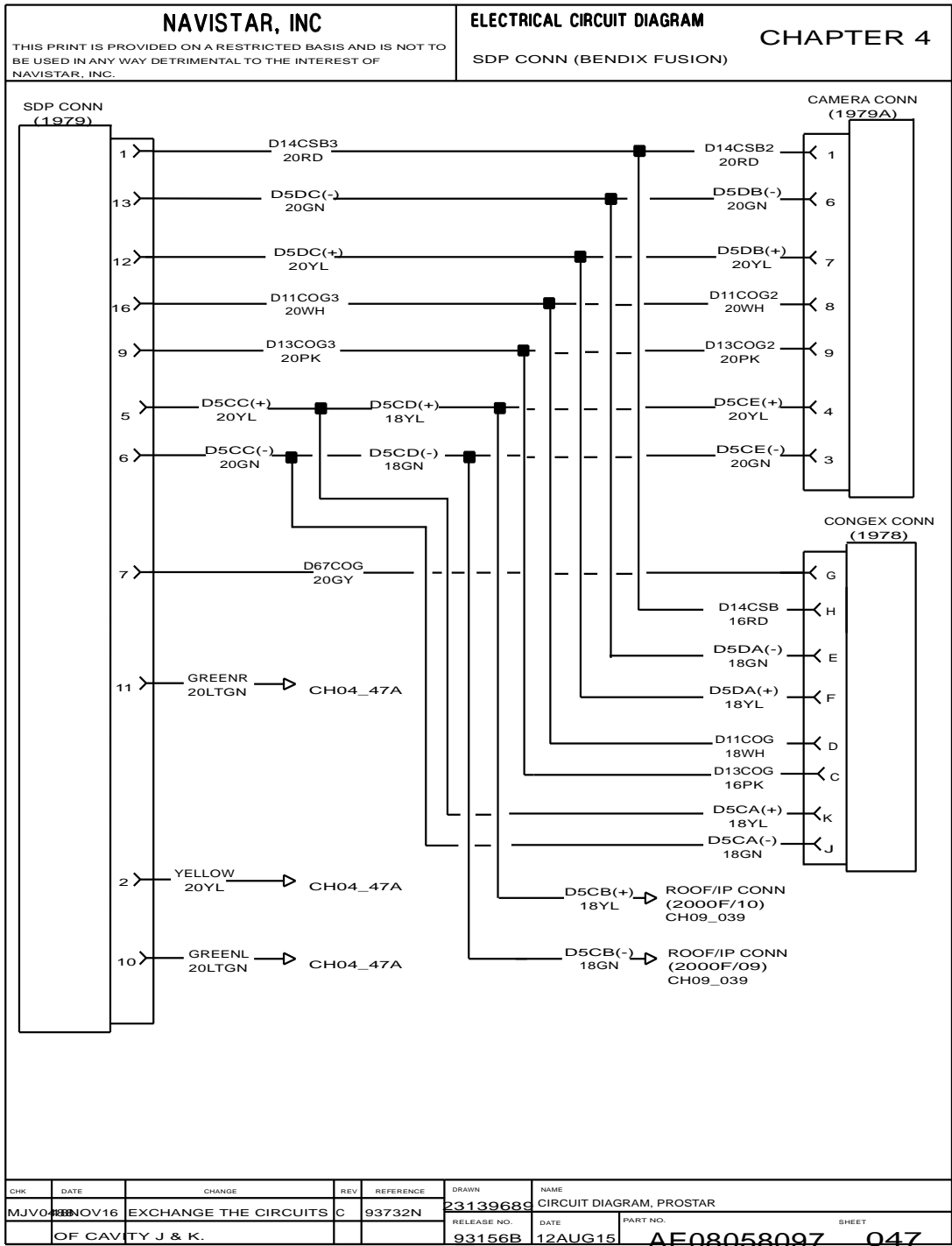


Figure 166 SDP Conn (Bendix Fusion)

4.73. DRIVER SEAT POWER (BENDIX FUSION), P. 48

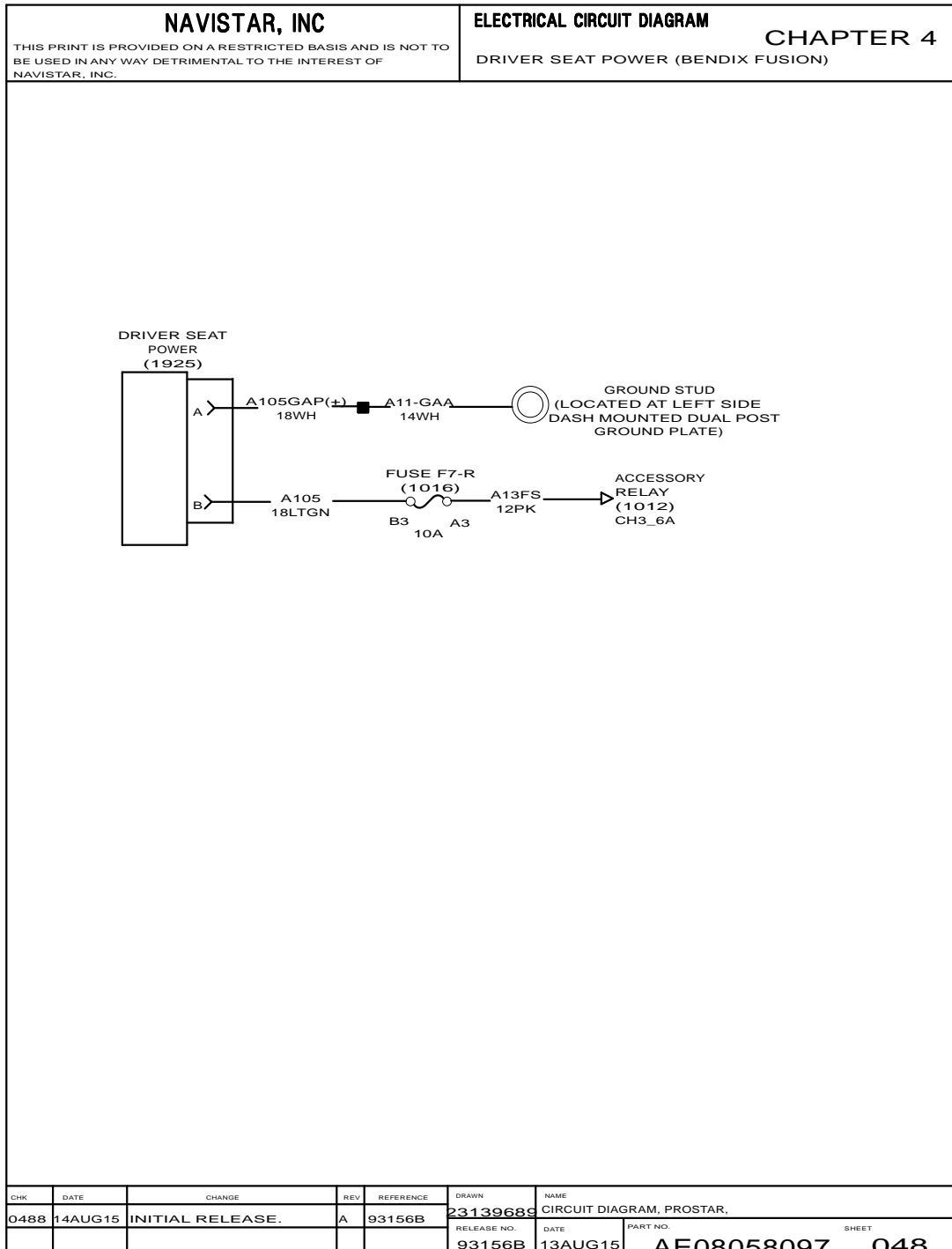


Figure 167 Driver Seat Power (Bendix Fusion)

4.74. NEXT GEN CRUISE CONTROL, P. 49

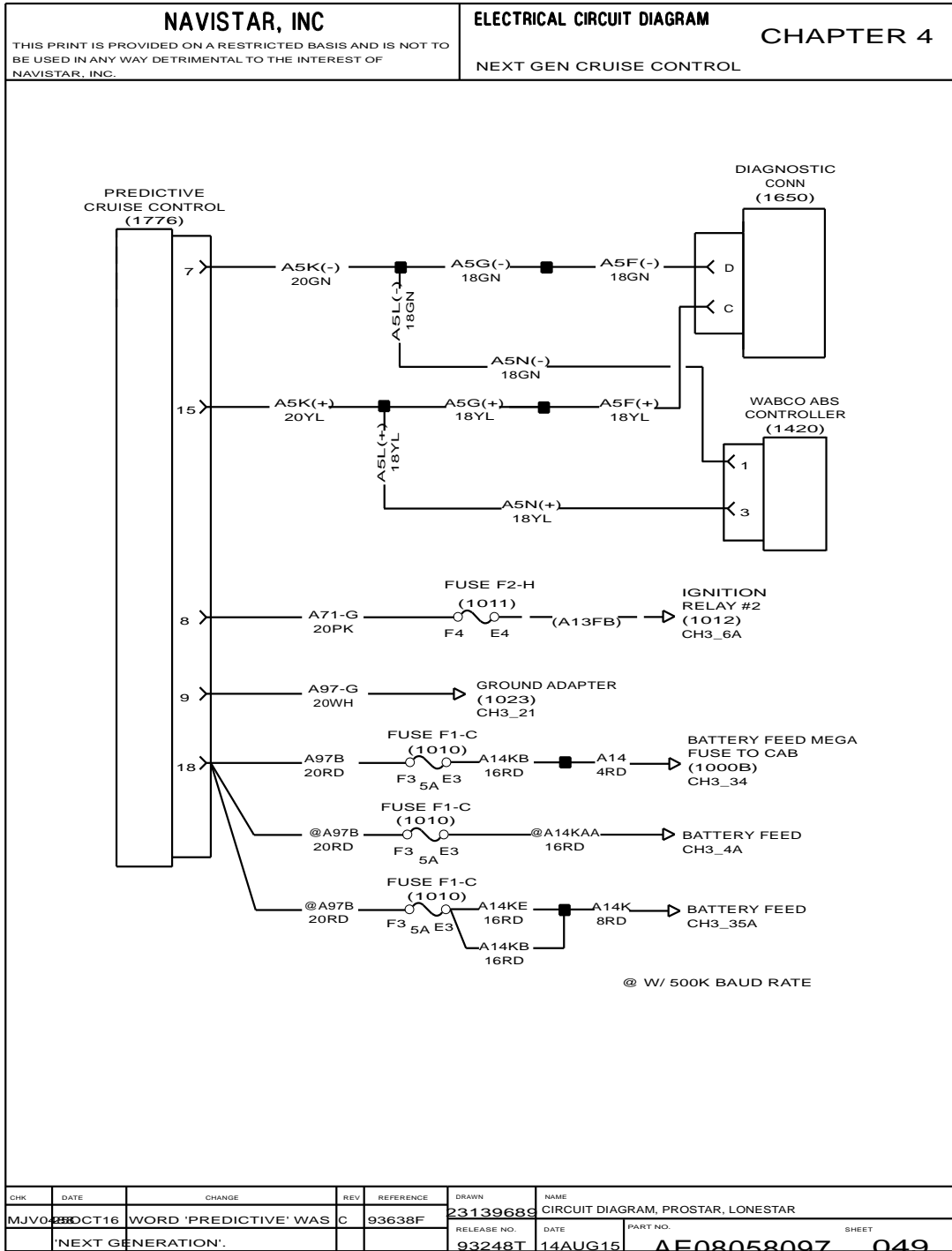


Figure 168 Next Gen Cruise Control

4.75. INTENTIONALLY LEFT BLANK, P. 50

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 4</b>	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				INTENTIONALLY LEFT BLANK			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
MJV	08JUL16	INITIAL RELEASE.	A	93208Y	23112202	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
					RELEASE NO.	DATE	PART NO.
					93208Y	17JUN16	AE08058097 050

Figure 169 Intentionally Left Blank

4.76. QUALCOMM MCT WITH DAY CAB AND CADEC GPS POWER CONNECTION, P. 51

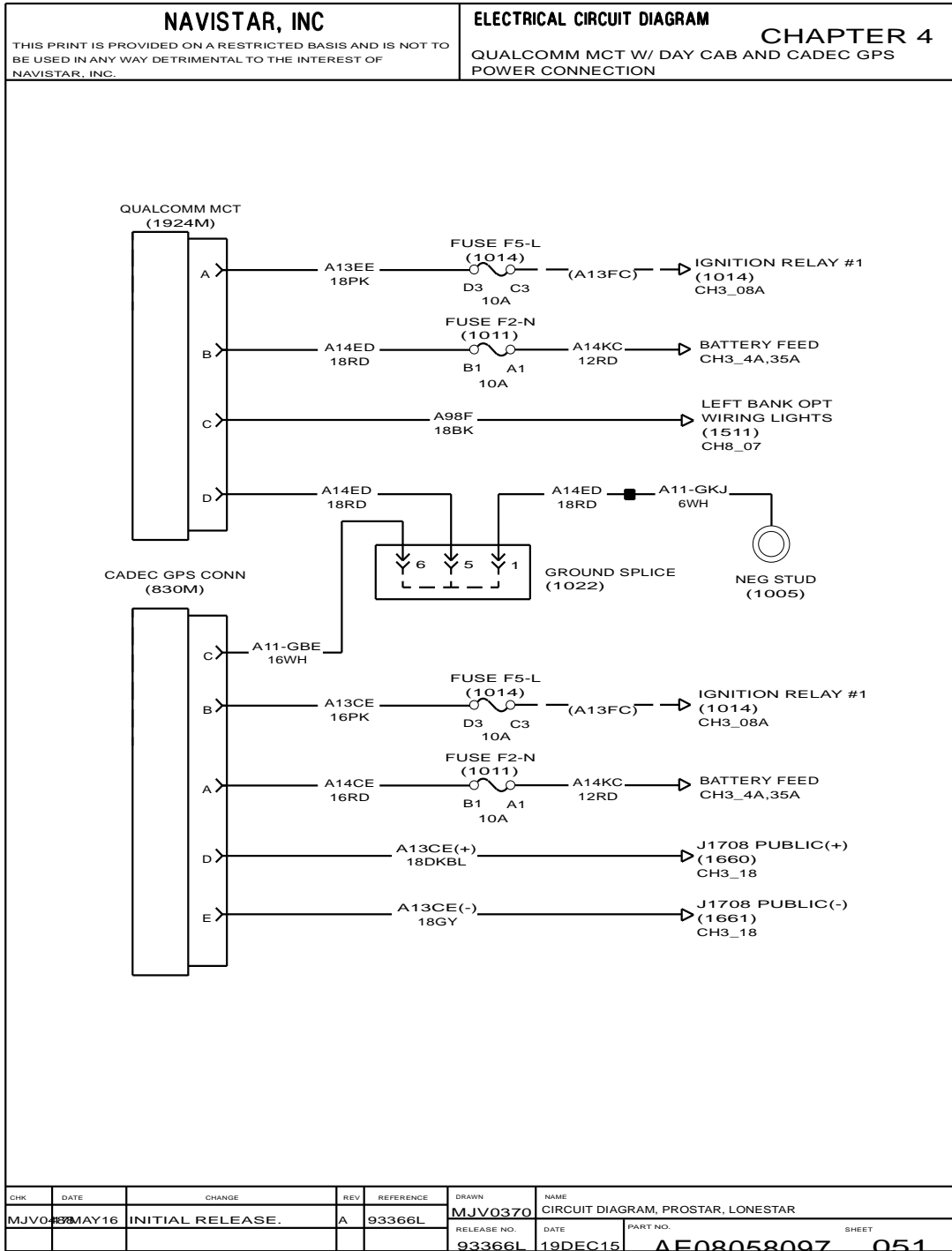


Figure 170 QualComm MCT with Day Cab and CADEC GPS Power Connection



4.77. RADIO WIRING AND DRIVER DISPLAY WITH WIRED REMOTE WITH AMPLIFIER, P. 52

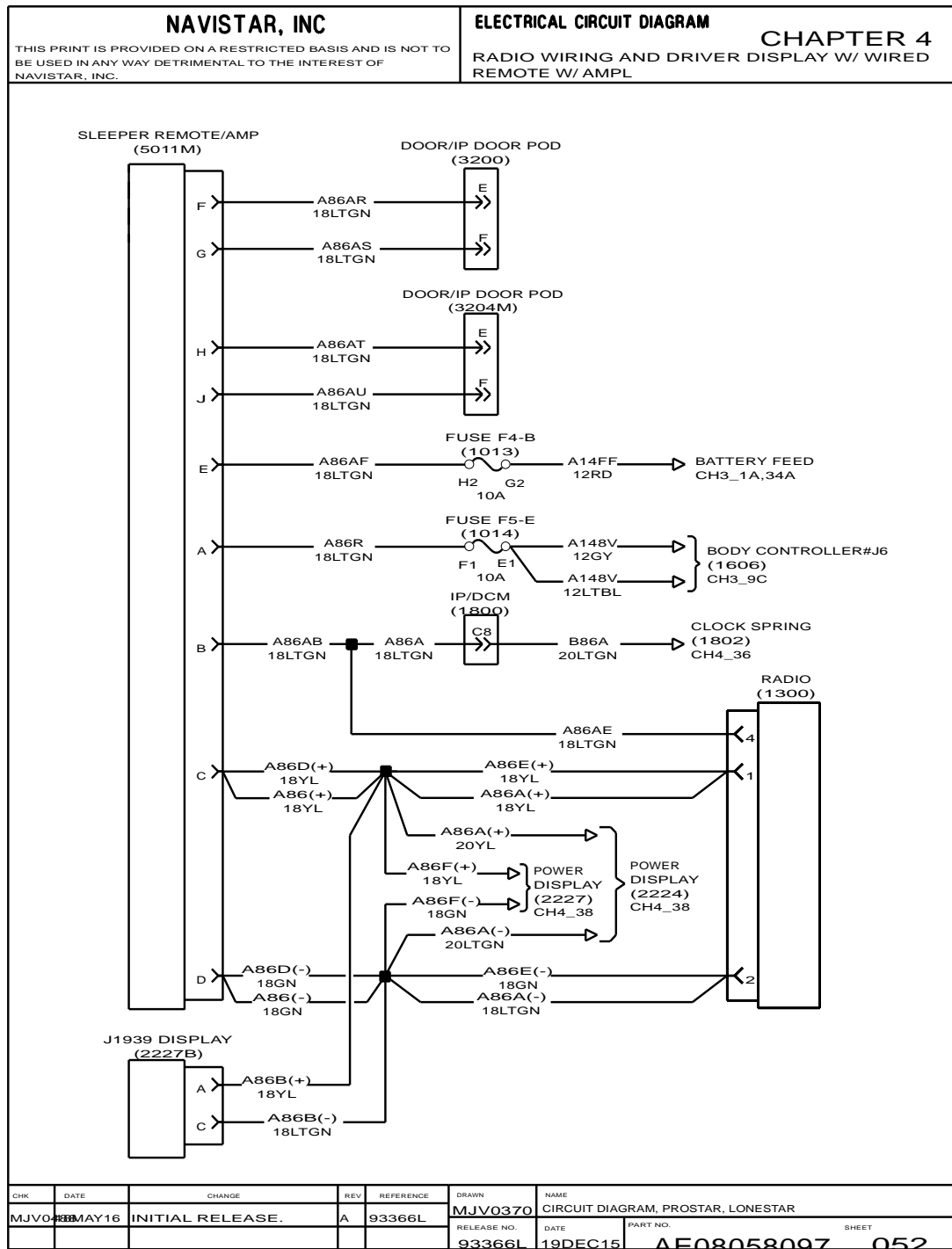


Figure 171 Radio Wiring and Driver Display with Wired Remote with Amplifier

4.78. REMOTE POWER MODULE IN CAB, P. 53

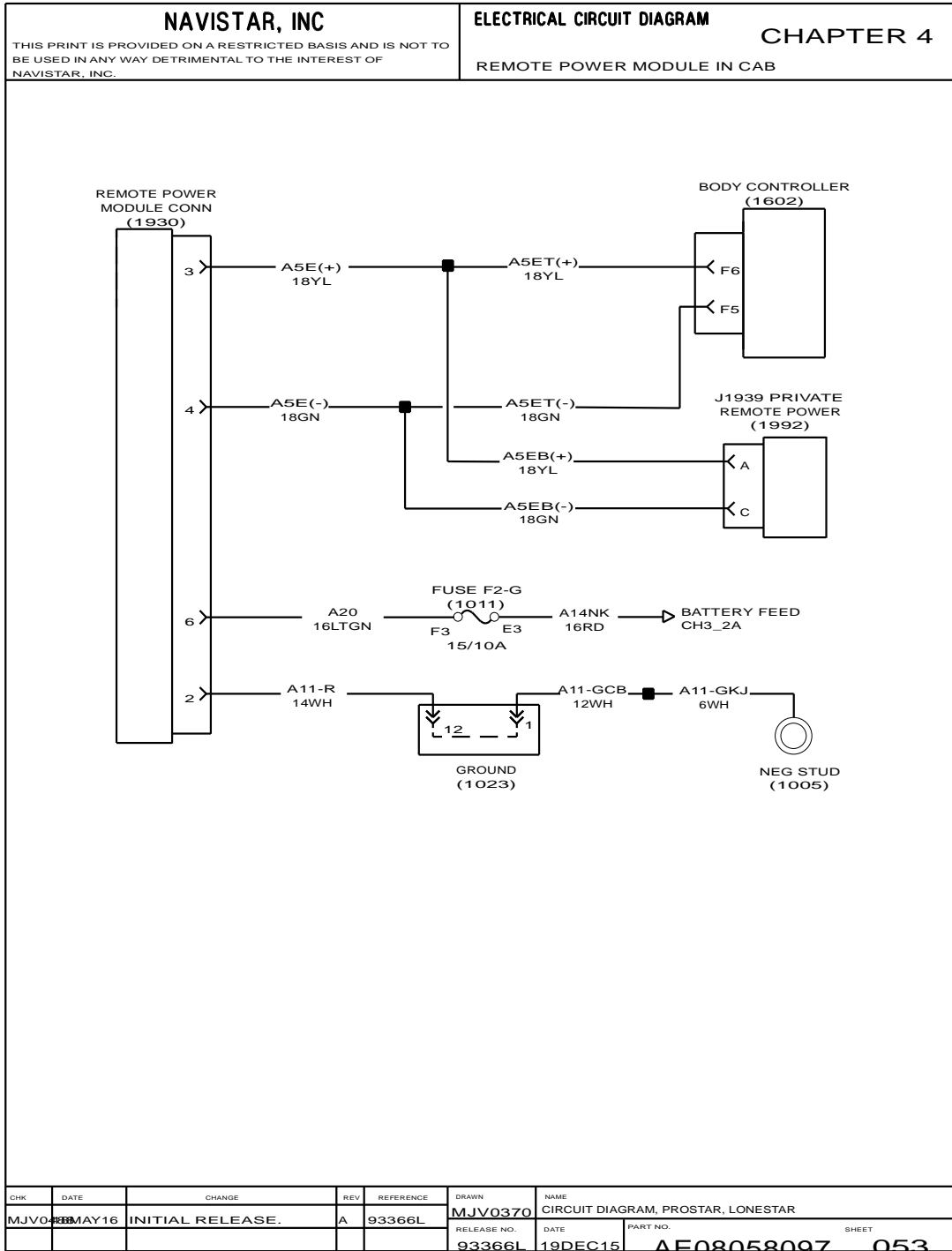


Figure 172 Remote Power Module in Cab

4.79. ROLLTEK SEAT WIRING, P. 54

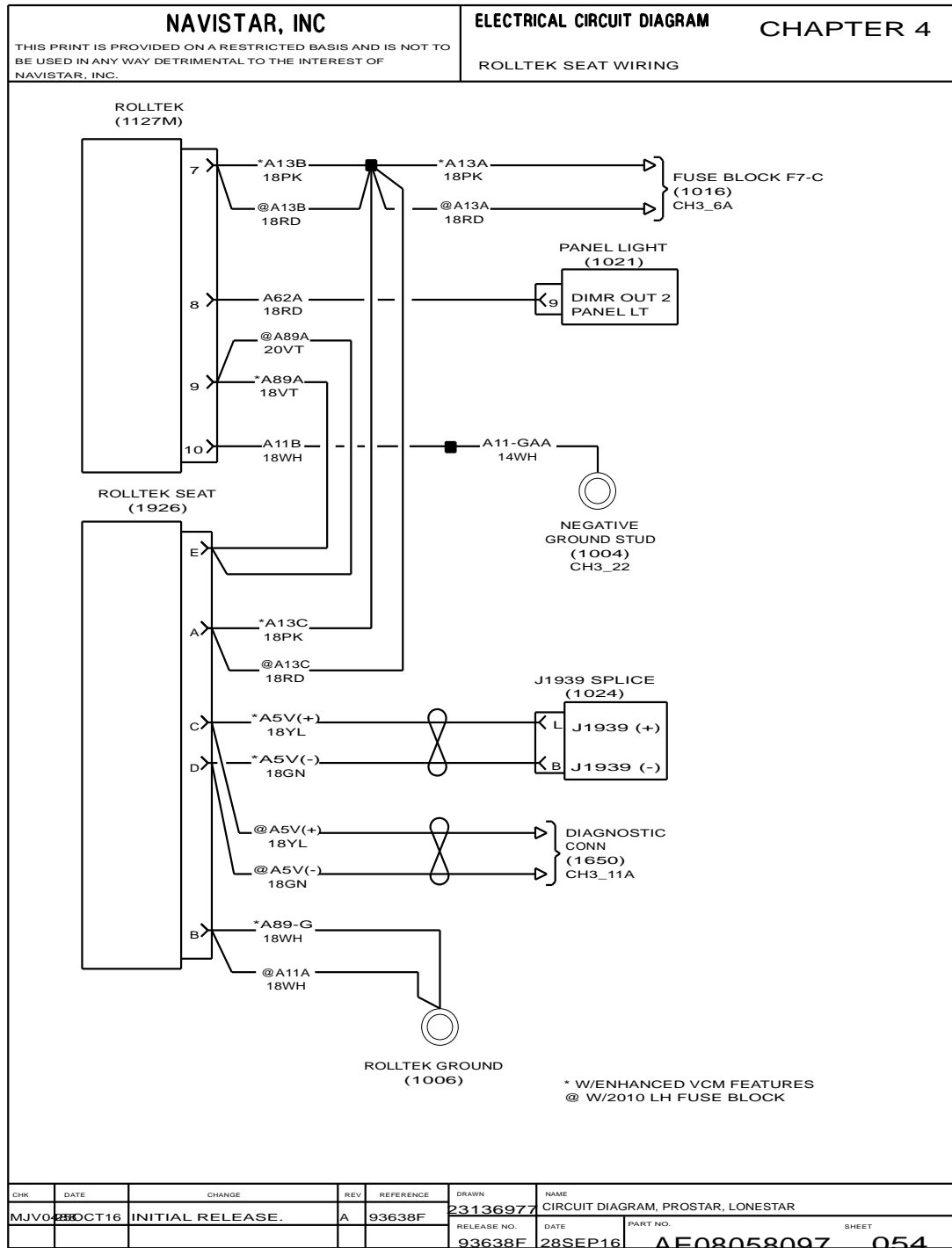


Figure 173 Rolltek Seat Wiring

# CHARGING AND CRANKING SYSTEM (CHAPTER 5)

## 5.1. CHARGING AND CRANKING – MANUAL TRANSMISSION, P. 1

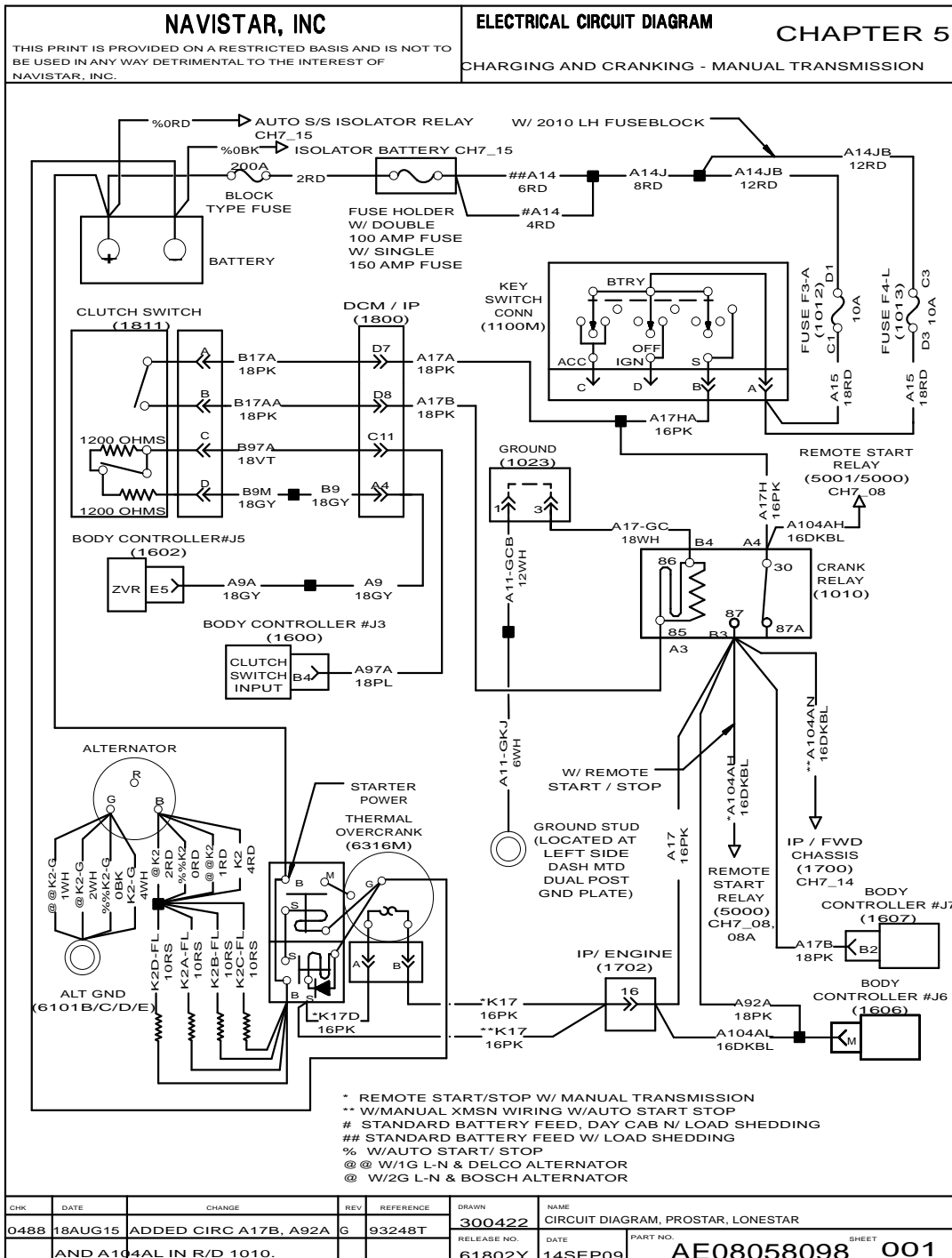


Figure 174 Charging and Cranking – Manual Transmission

5.2. CHARGING AND CRANKING – AUTOMATIC TRANSMISSION, P. 2

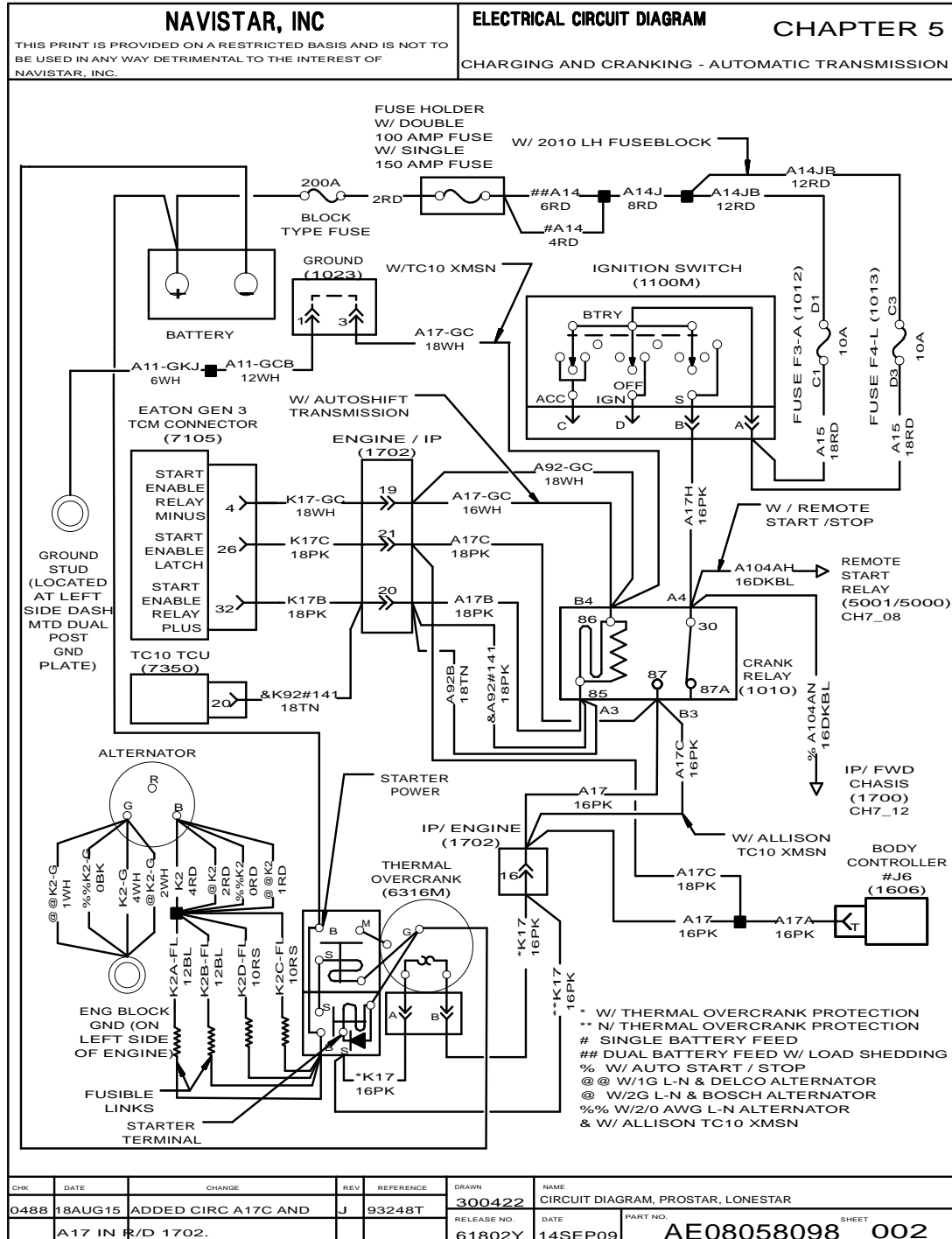


Figure 175 Charging and Cranking – Automatic Transmission

5.3. CHARGING AND CRANKING – MANUAL TRANSMISSION WITH 500K BAUD RATE, P. 3

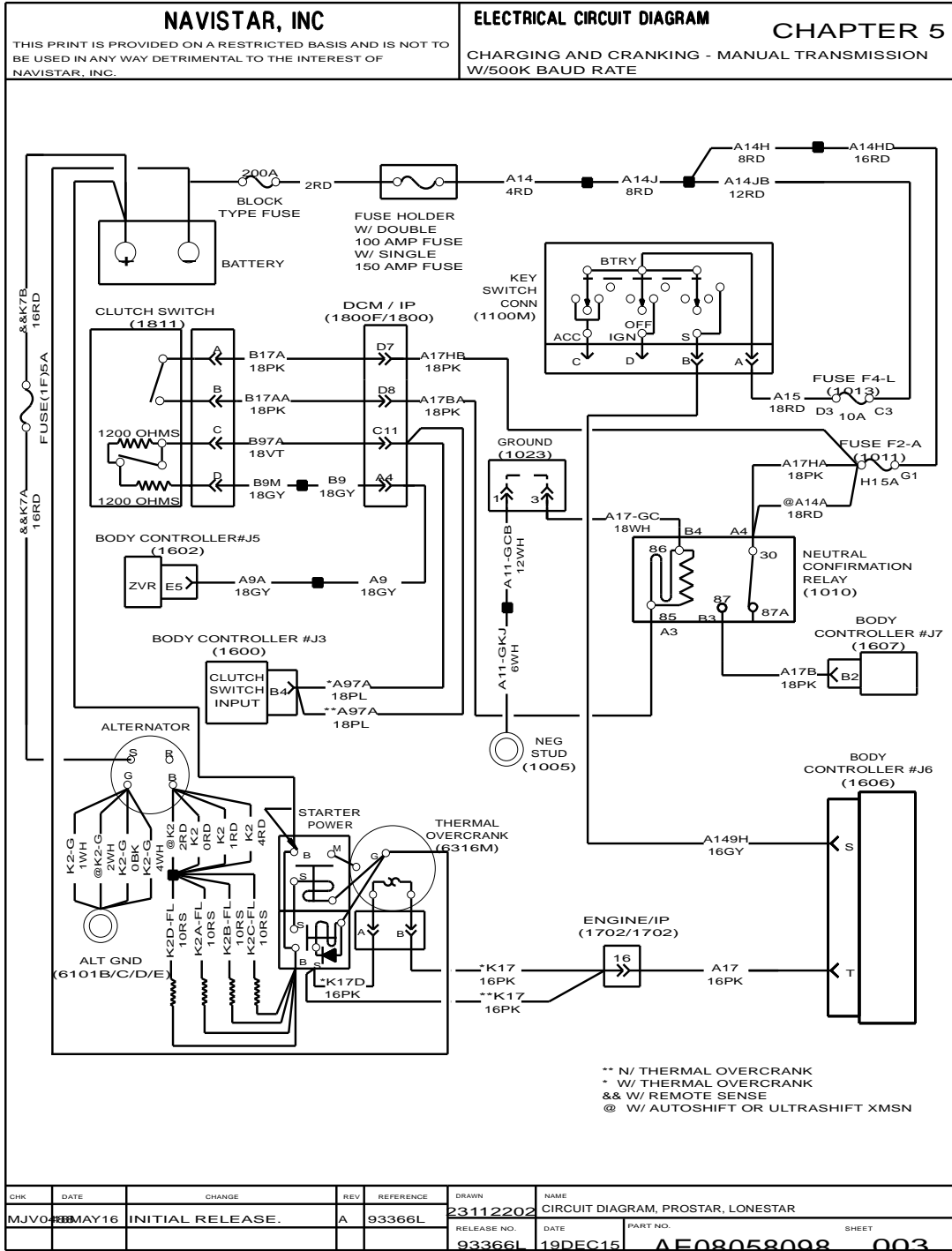


Figure 176 Charging and Cranking – Manual Transmission with 500K Baud Rate

5.4. CHARGING AND CRANKING – AUTOMATIC TRANSMISSION WITH 500K BAUD RATE, P. 4

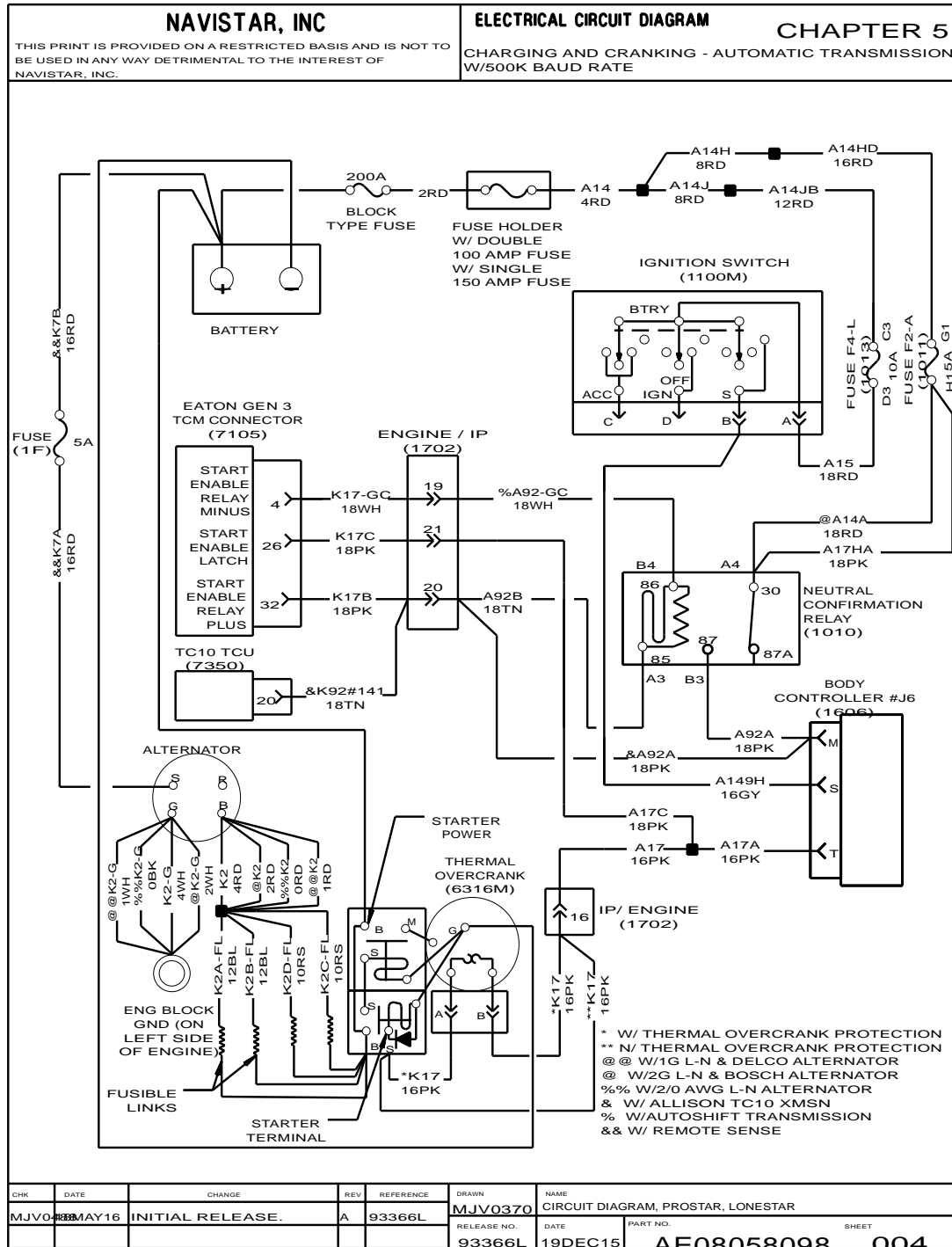


Figure 177 Charging and Cranking – Automatic Transmission with 500K Baud Rate

## FAN WIRING (CHAPTER 6)

### 6.1. FAN WIRING – IBB ENGINE AND 2010 SCR 13L ENGINE, P. 1

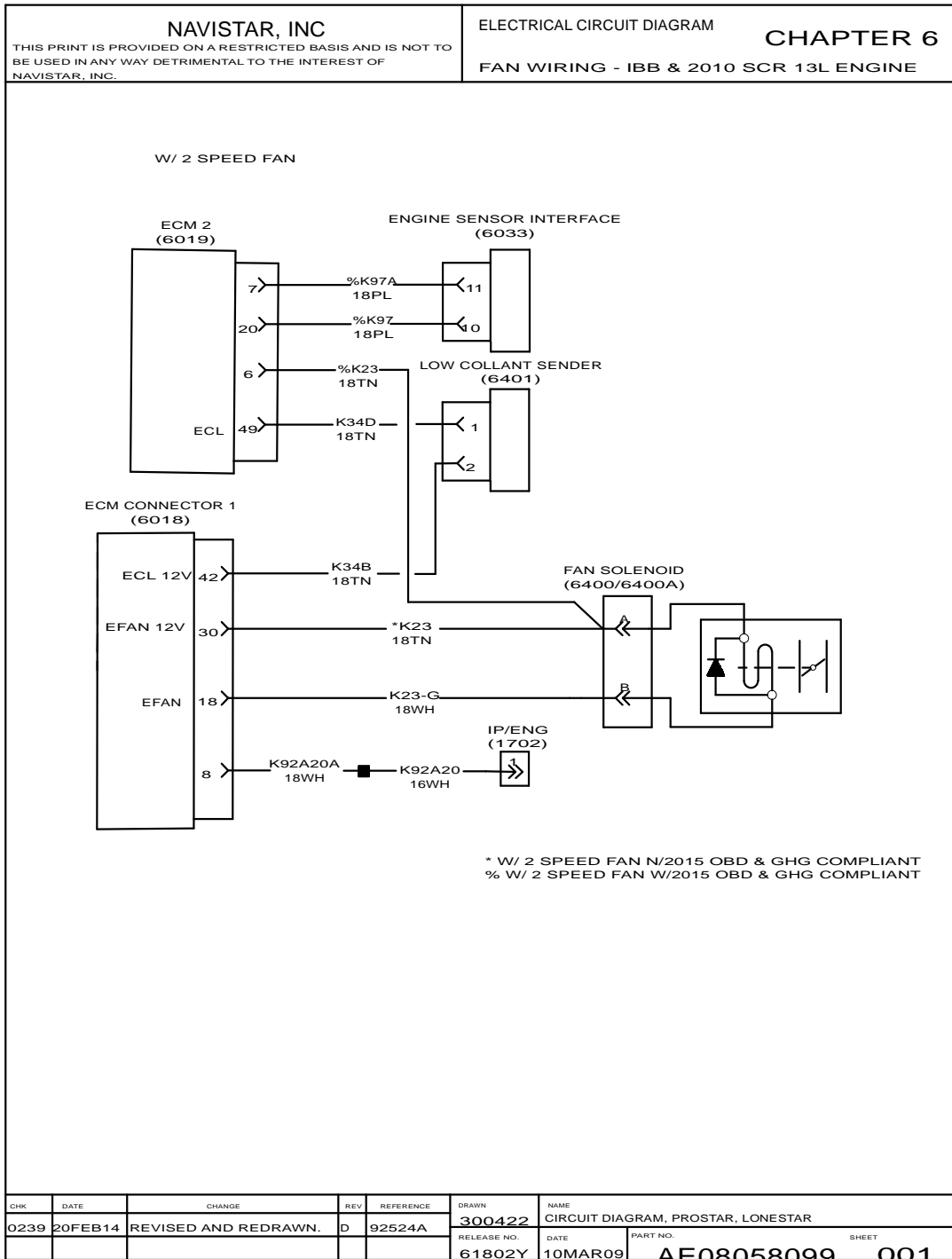


Figure 178 Fan Wiring – IBB Engine and 2010 SCR 13L Engine



6.2. FAN AND ETHER START WITH ISX (2013), P. 1A

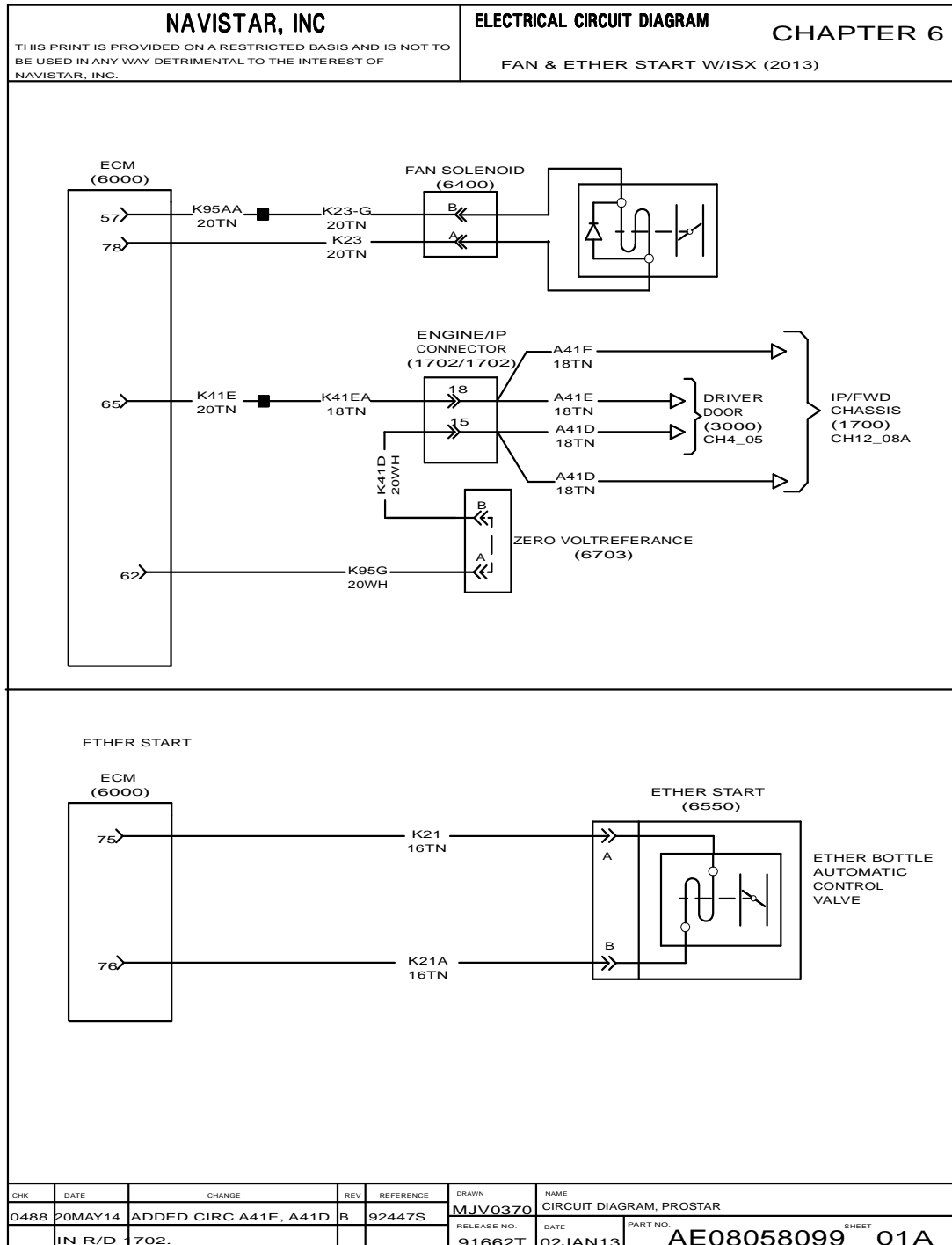


Figure 179 Fan and Ether Start with ISX (2013)

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0488	20MAY14	ADDED CIRC A41E, A41D	B	92447S	MJV0370	CIRCUIT DIAGRAM, PROSTAR
	IN R/D	702.			RELEASE NO. 91662T	DATE 02JAN13
						PART NO. AE08058099
						SHEET 01A

6.3. STARTING AID – COLD START ASSIST (IBB AND 2010 SCR 13L ENGINE), P. 2

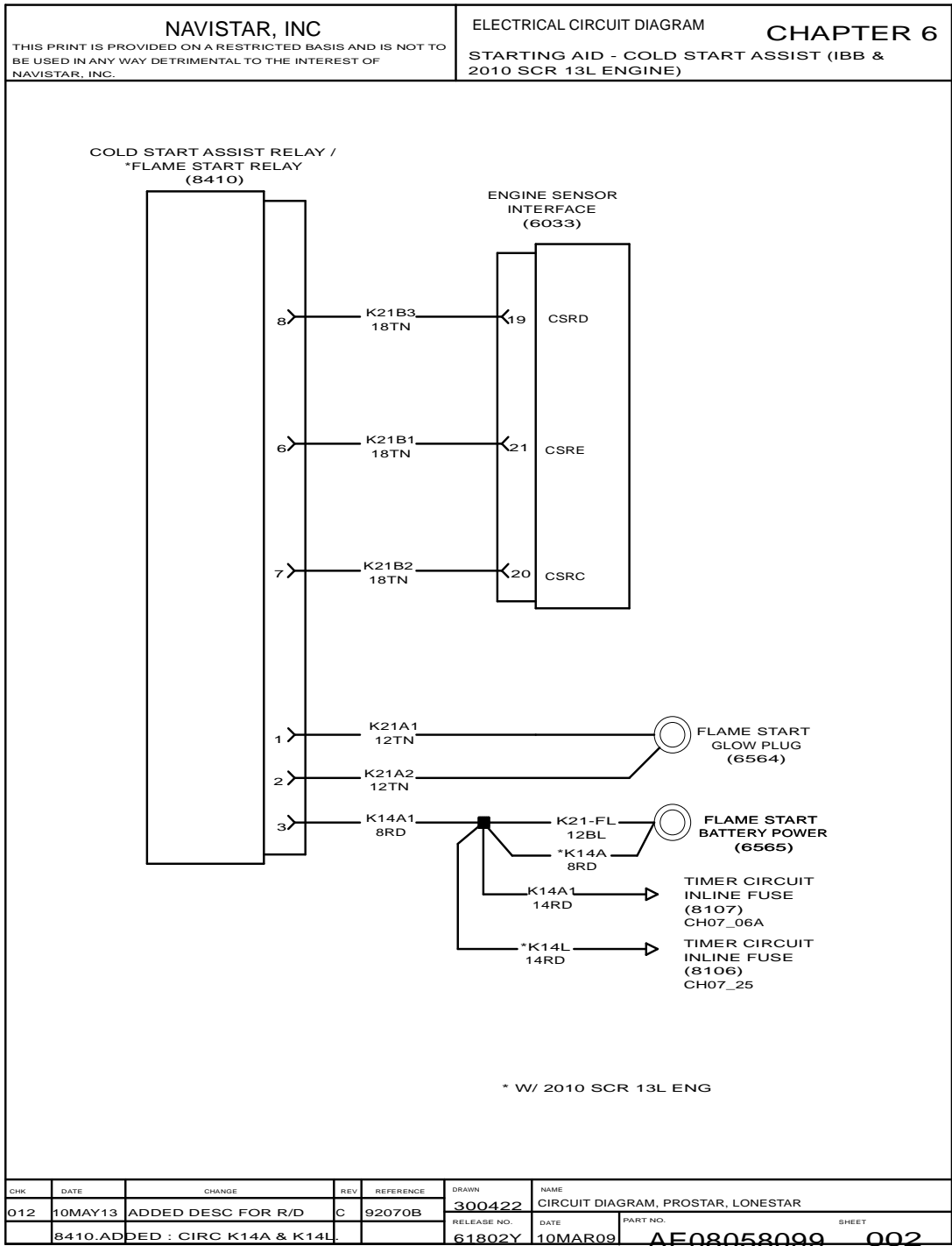


Figure 180 Starting Aid – Cold Start Assist (IBB and 2010 SCR 13L Engine)

6.4. FAN WIRING IBB & 2010 SCR 13L ENGINE, P. 2A

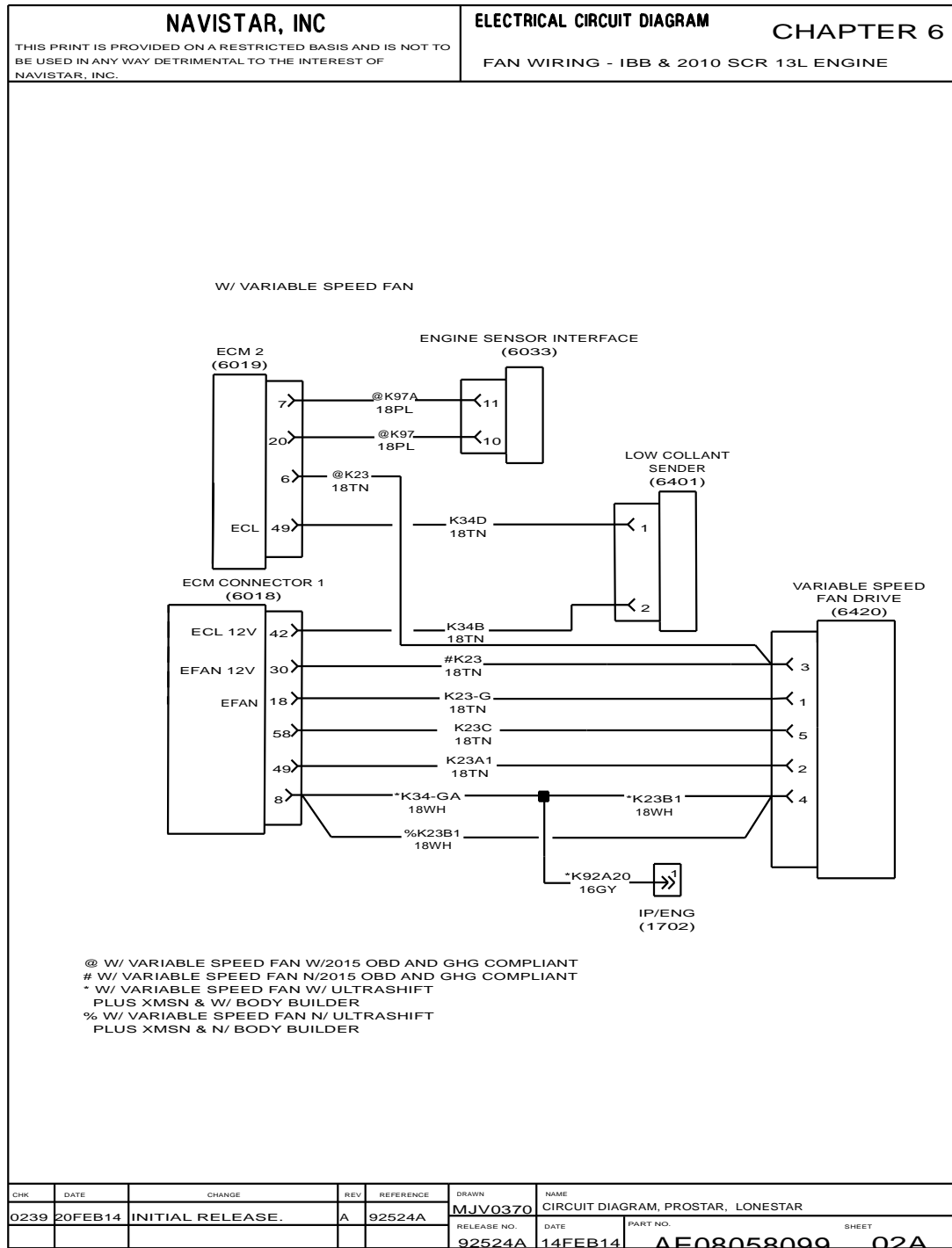


Figure 181 Fan Wiring IBB & 2010 SCR 13L Engine

6.5. FAN AND ETHER START WITH 2013 INTL IBB ENGINE, P. 3

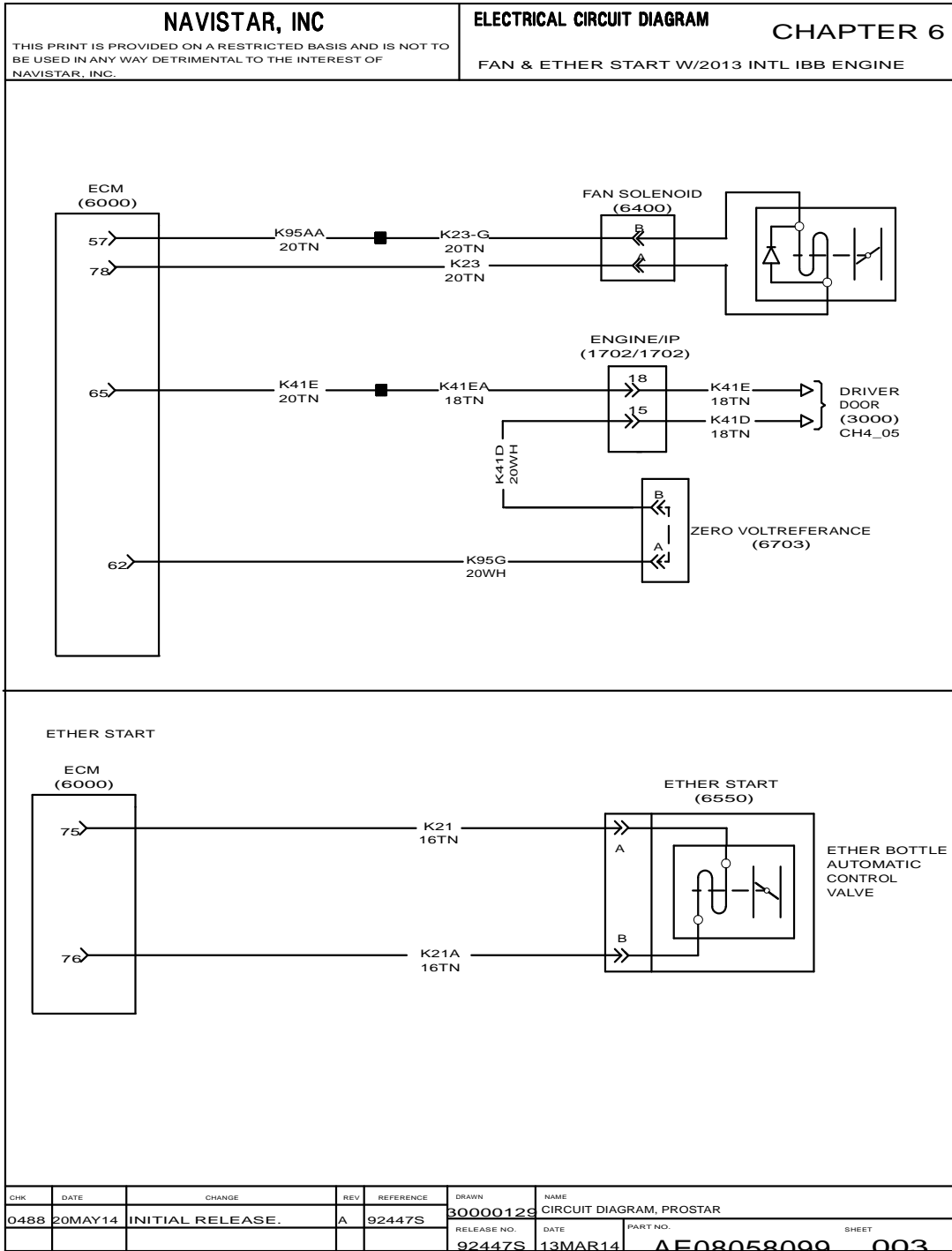


Figure 182 Fan and Ether Start with 2013 Intl Ibb Engine

# ENGINES (CHAPTER 7)

## 7.1. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE), P. 1

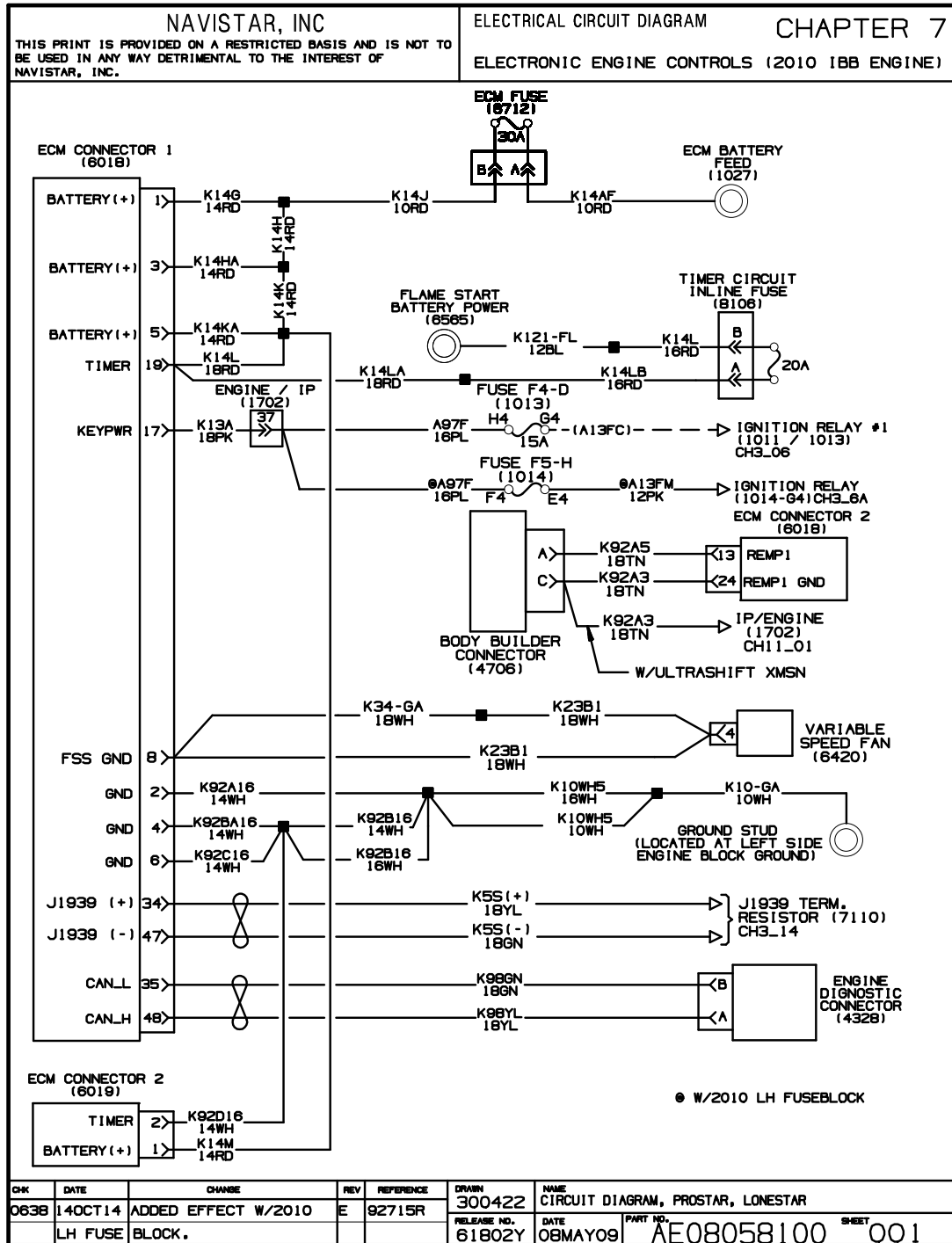


Figure 183 Electronic Engine Controls (2010 IBB Engine)

7.2. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 2

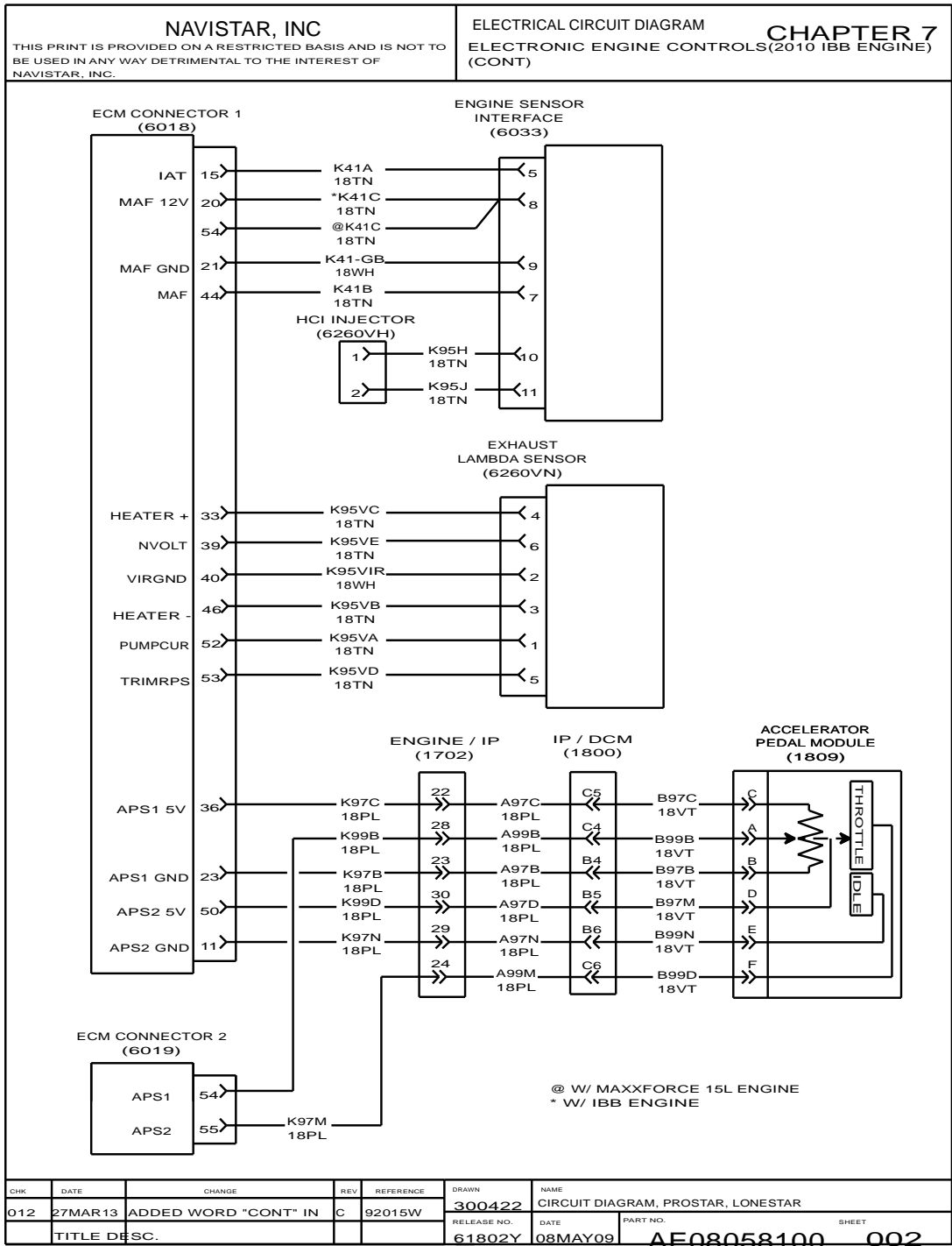


Figure 184 Electronic Engine Controls (2010 IBB Engine) (Cont.)

7.3. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 3

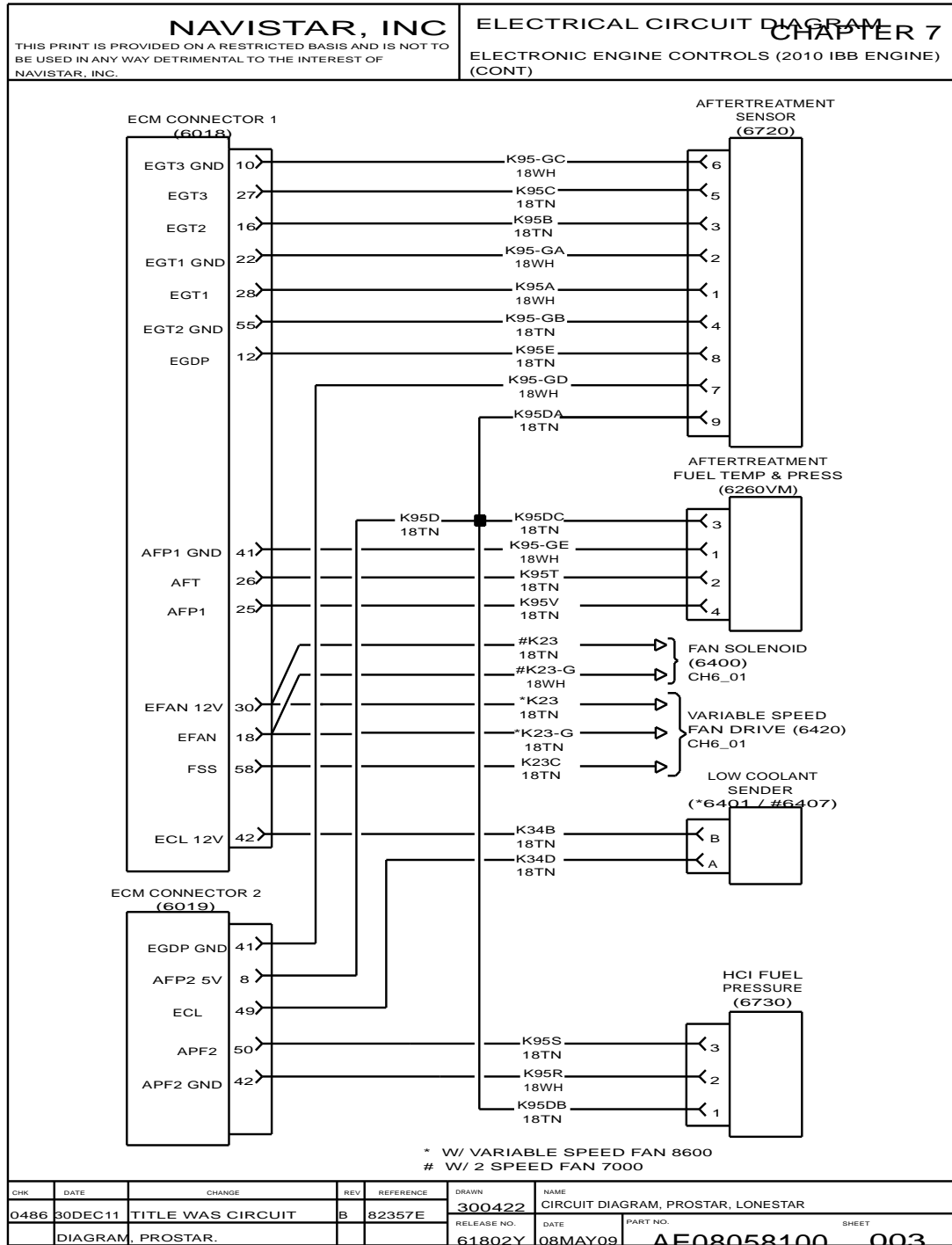


Figure 185 Electronic Engine Controls (2010 IBB Engine) (Cont.)

7.4. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 4

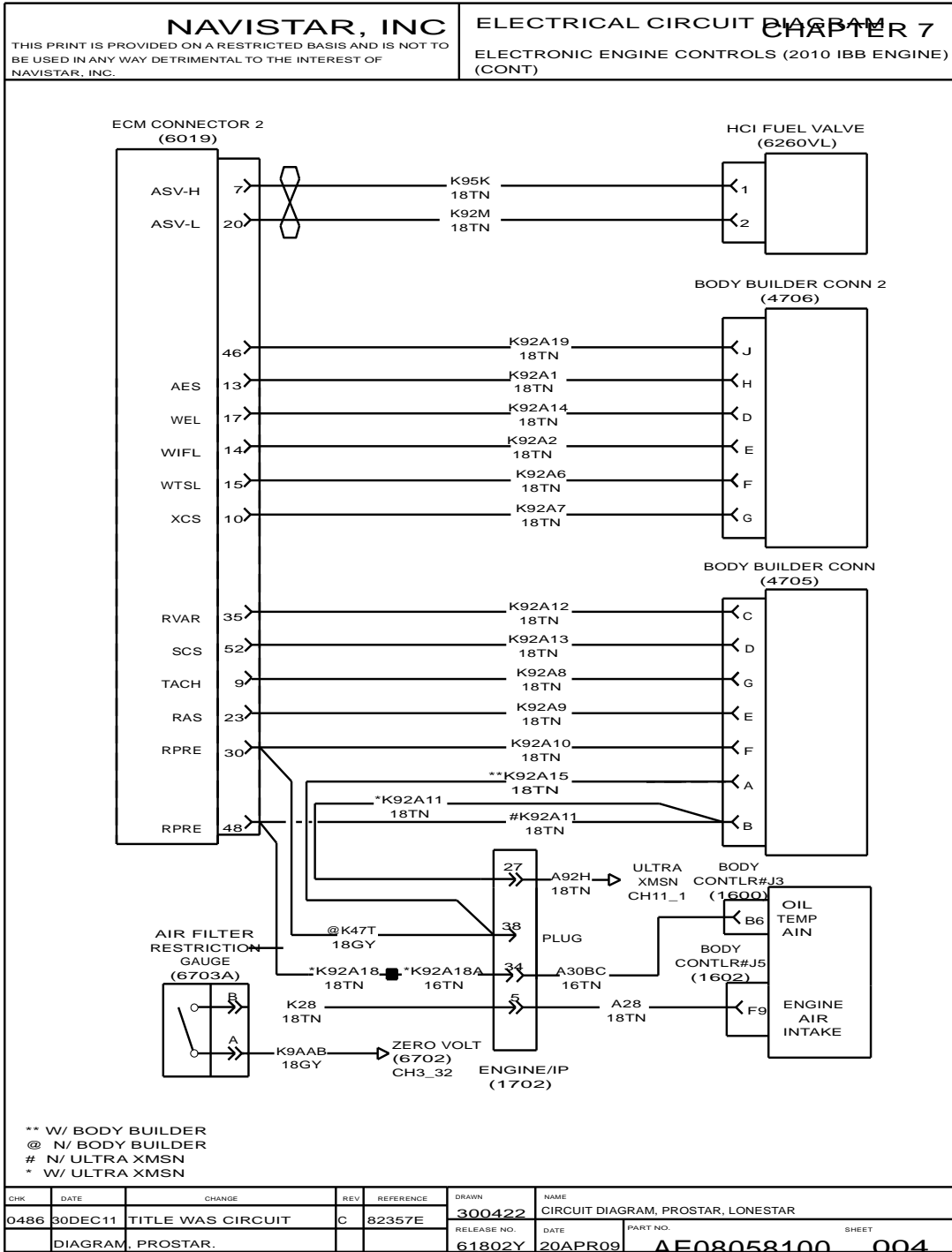


Figure 186 Electronic Engine Controls (2010 IBB Engine) (Cont.)



7.5. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 5

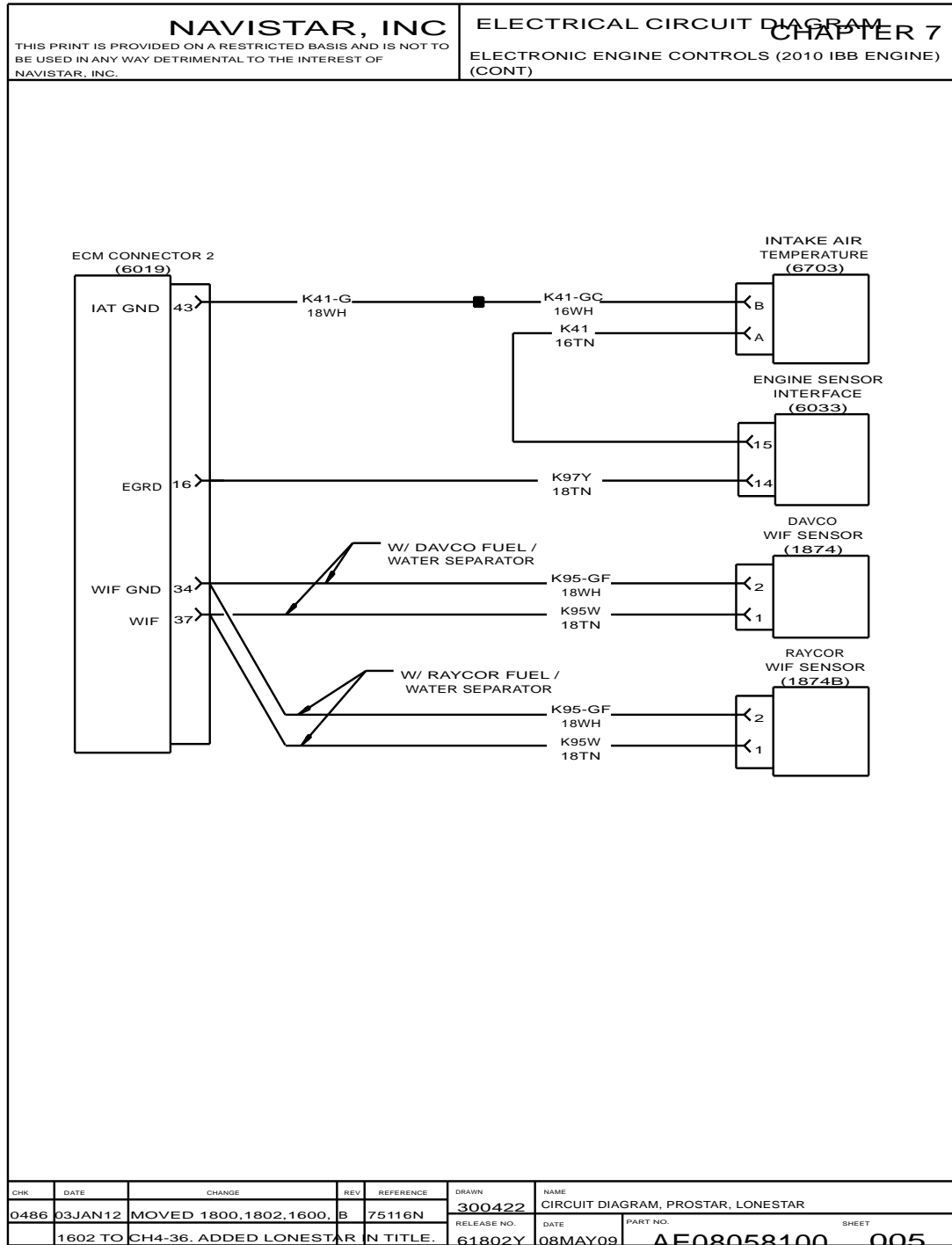


Figure 187 Electronic Engine Controls (2010 IBB Engine) (Cont.)

7.6. ELECTRONIC ENGINE CONTROLS (2010 IBB ENGINE) (CONT.), P. 6

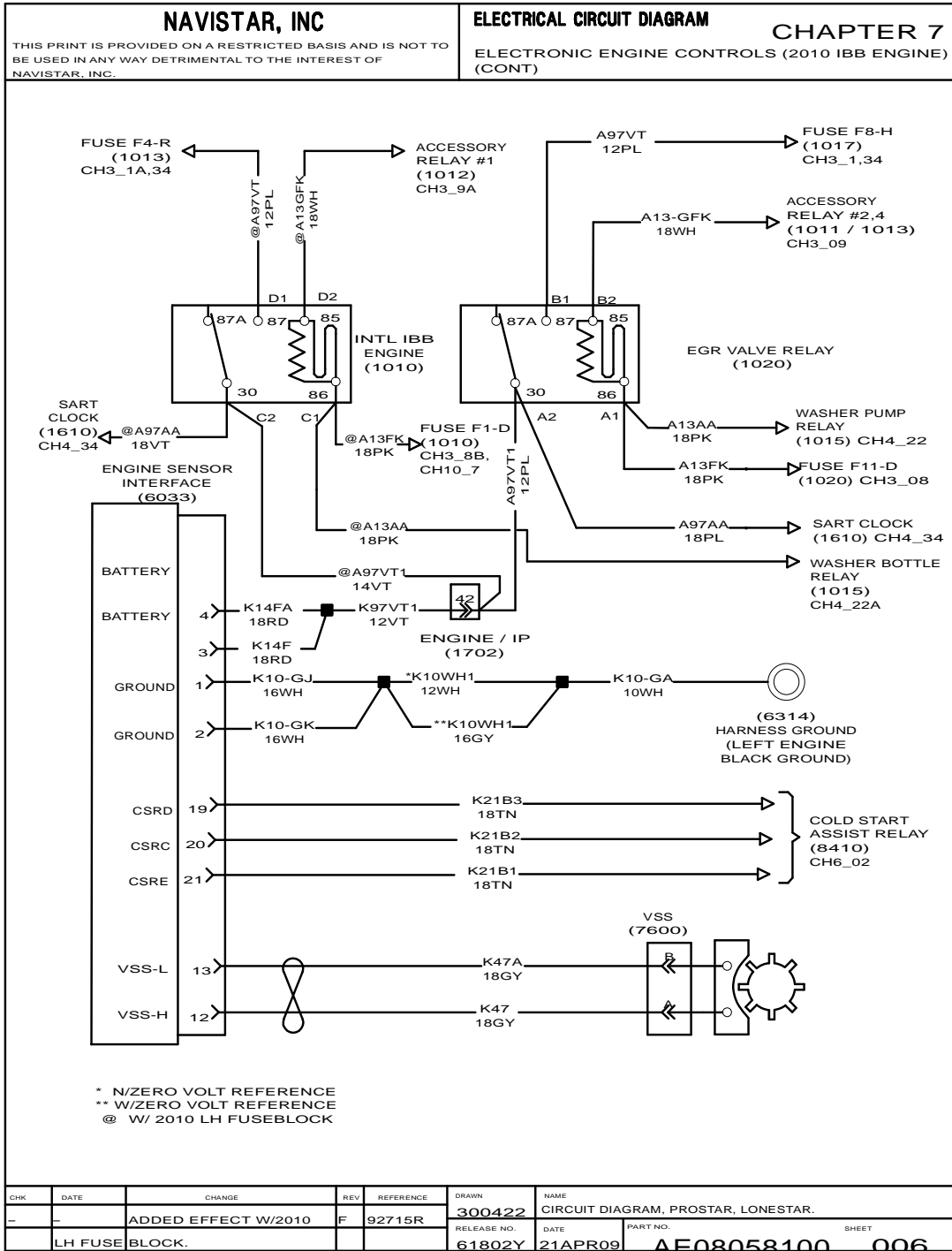


Figure 188 Electronic Engine Controls (2010 IBB Engine) (Cont.)

7.7. ELECTRONIC ENGINE CONTROLS – MAXXFORCE 15 LITRE, P. 6A

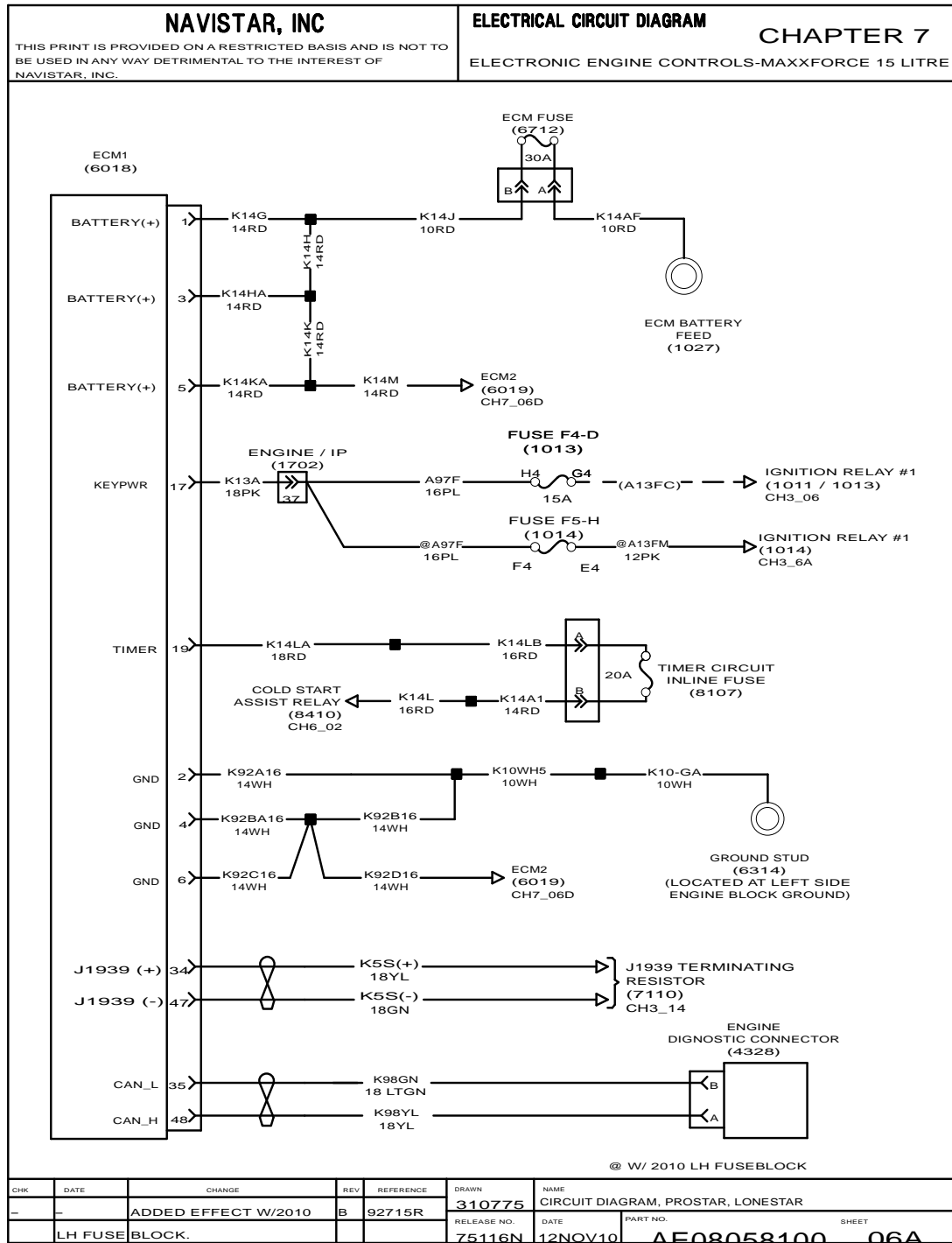


Figure 189 Electronic Engine Controls – MaxxForce 15 Litre

7.8. ELECTRONIC ENGINE CONTROLS – MAXXFORCE 15 LITRE (CONT.), P. 6B

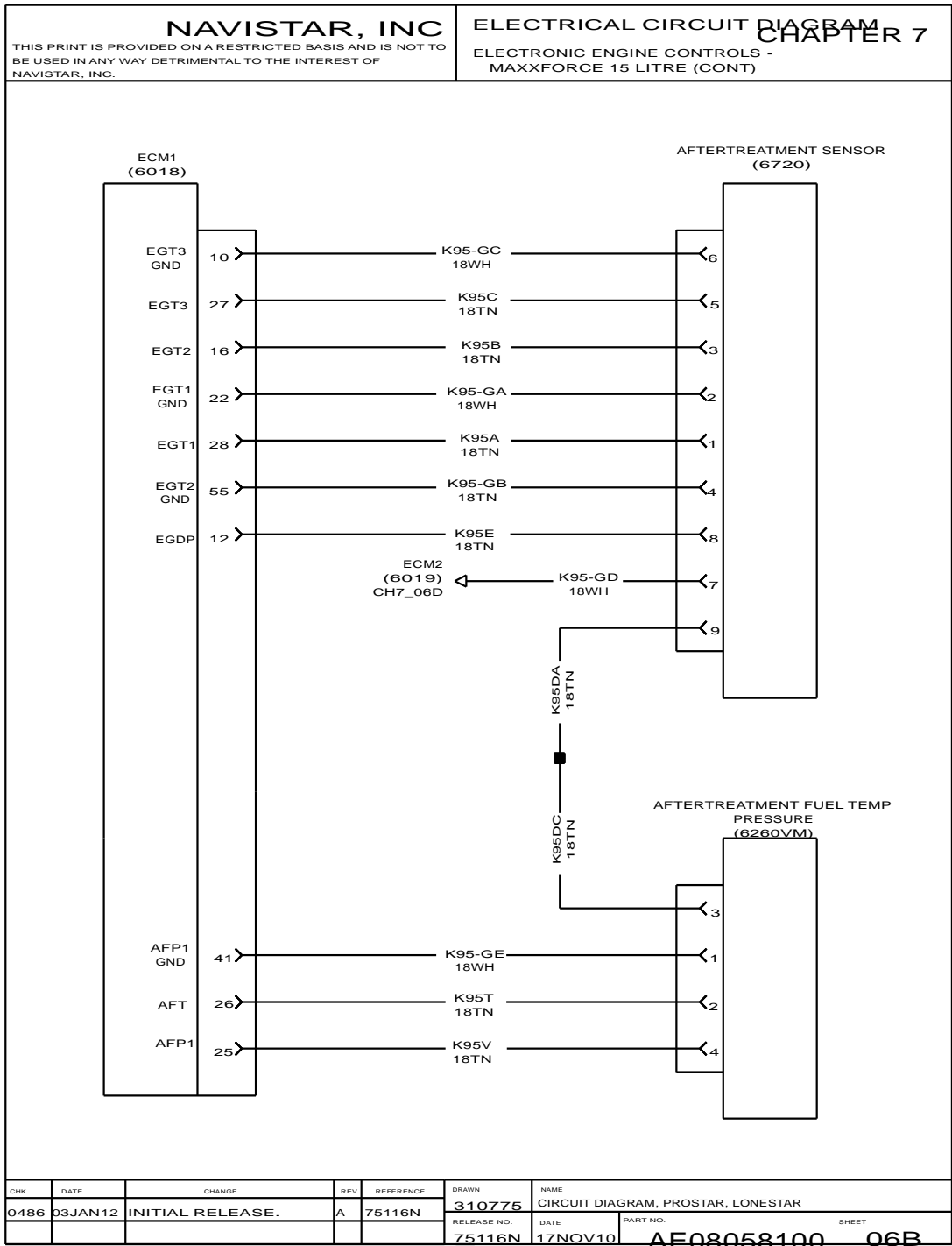


Figure 190 Electronic Engine Controls – MaxxForce 15 Litre (Cont.)

7.9. ELECTRONIC ENGINE CONTROLS – MAXXFORCE 15 LITRE (CONT.), P. 6C

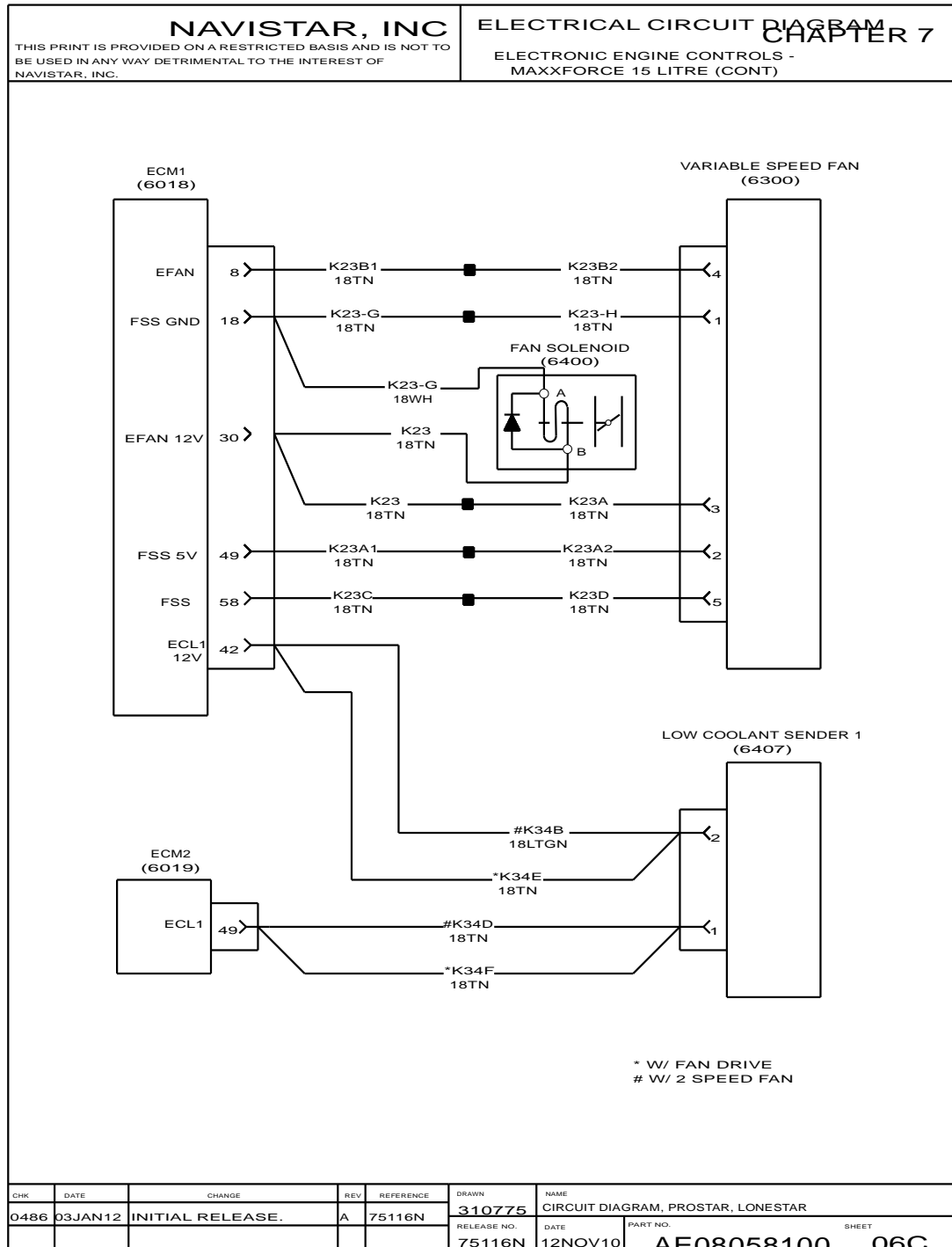


Figure 191 Electronic Engine Controls – MaxxForce 15 Litre (Cont.)

7.10. ELECTRONIC ENGINE CONTROLS – MAXXFORCE 15 LITRE (CONT.), P. 6D

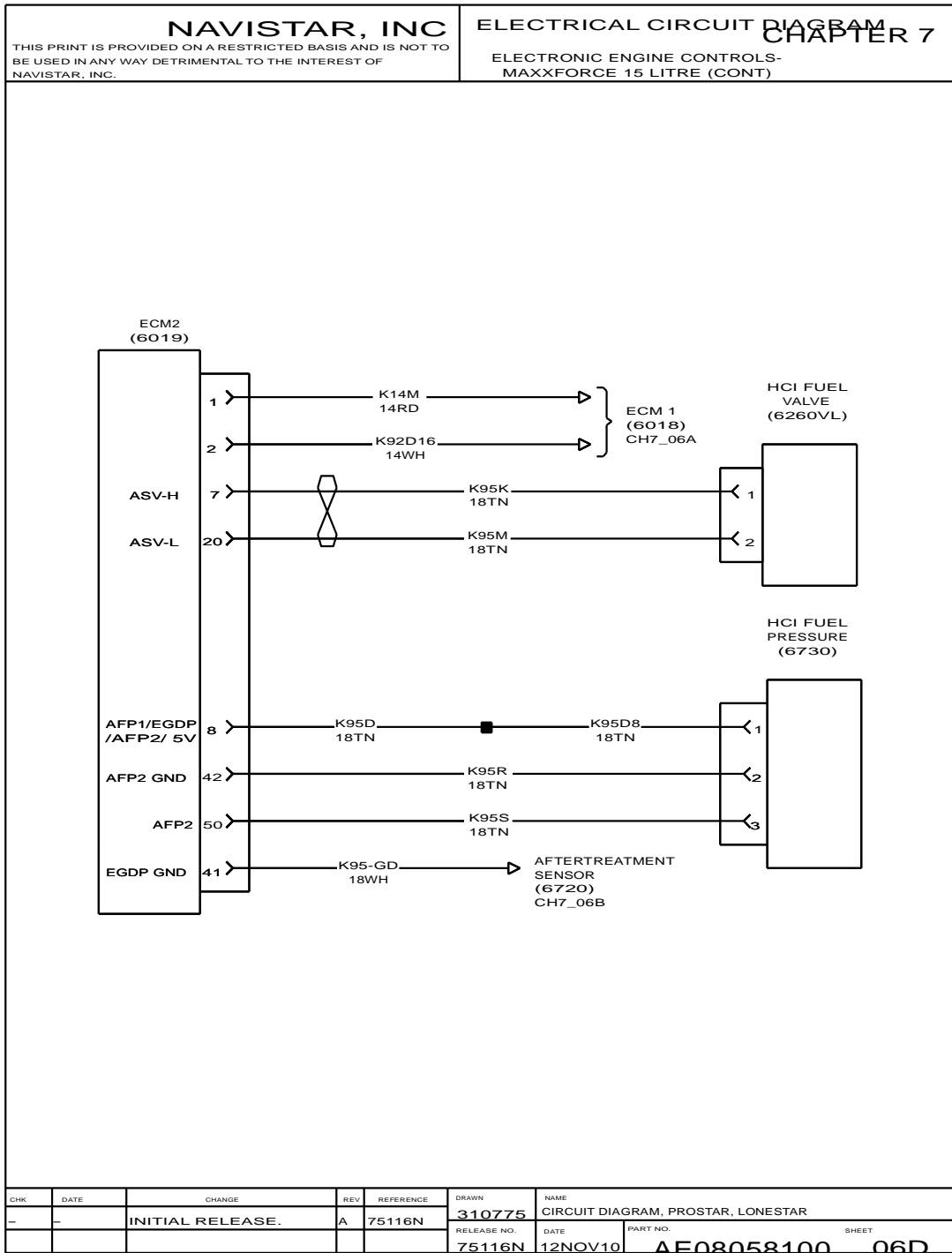


Figure 192 Electronic Engine Controls – MaxxForce 15 Litre (Cont.)

7.11. ELECTRONIC ENGINE CONTROLS – MAXXFORCE 15 LITRE (CONT.), P. 6E

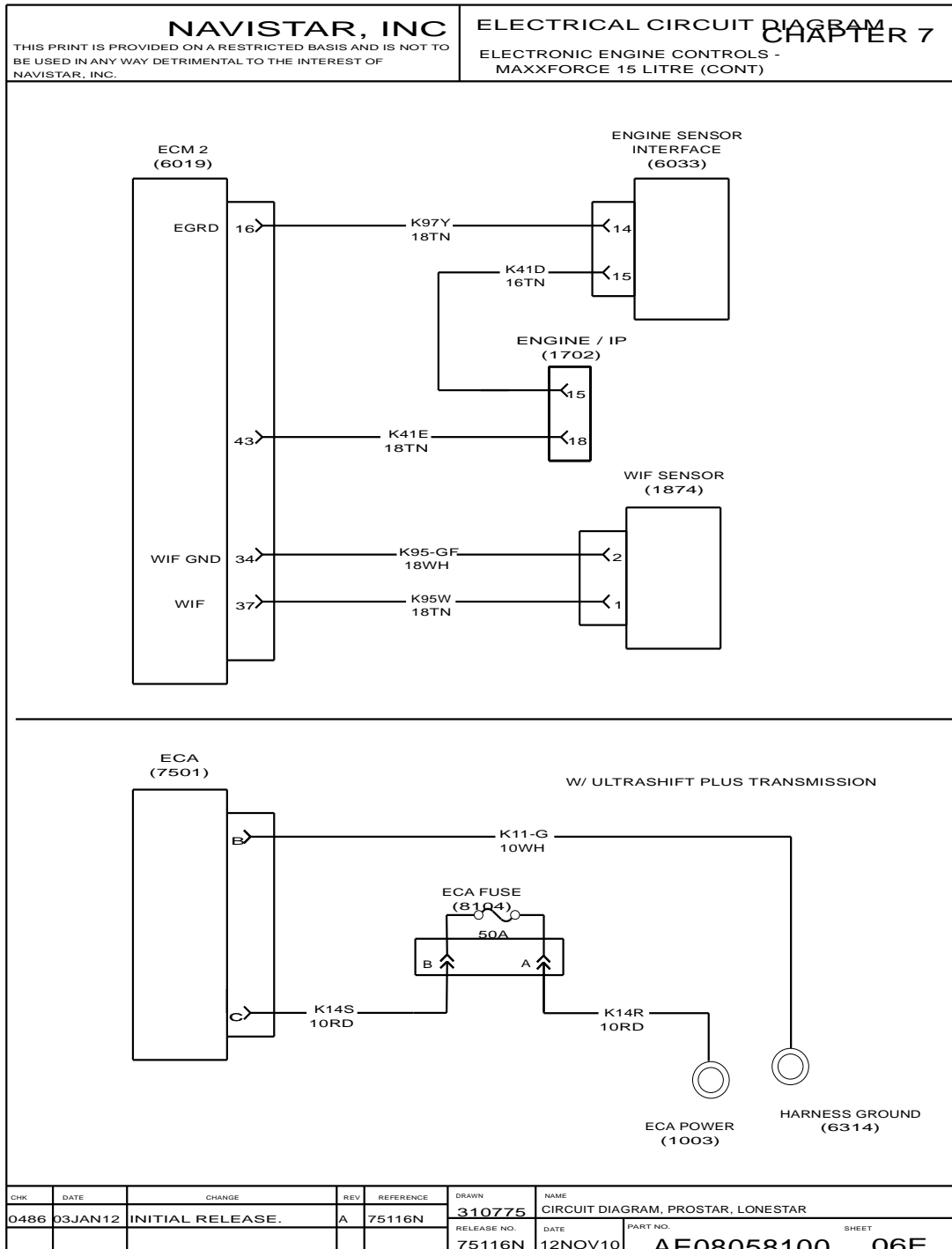


Figure 193 Electronic Engine Controls – MaxxForce 15 Litre (Cont.)

7.12. REMOTE START / STOP, P. 7

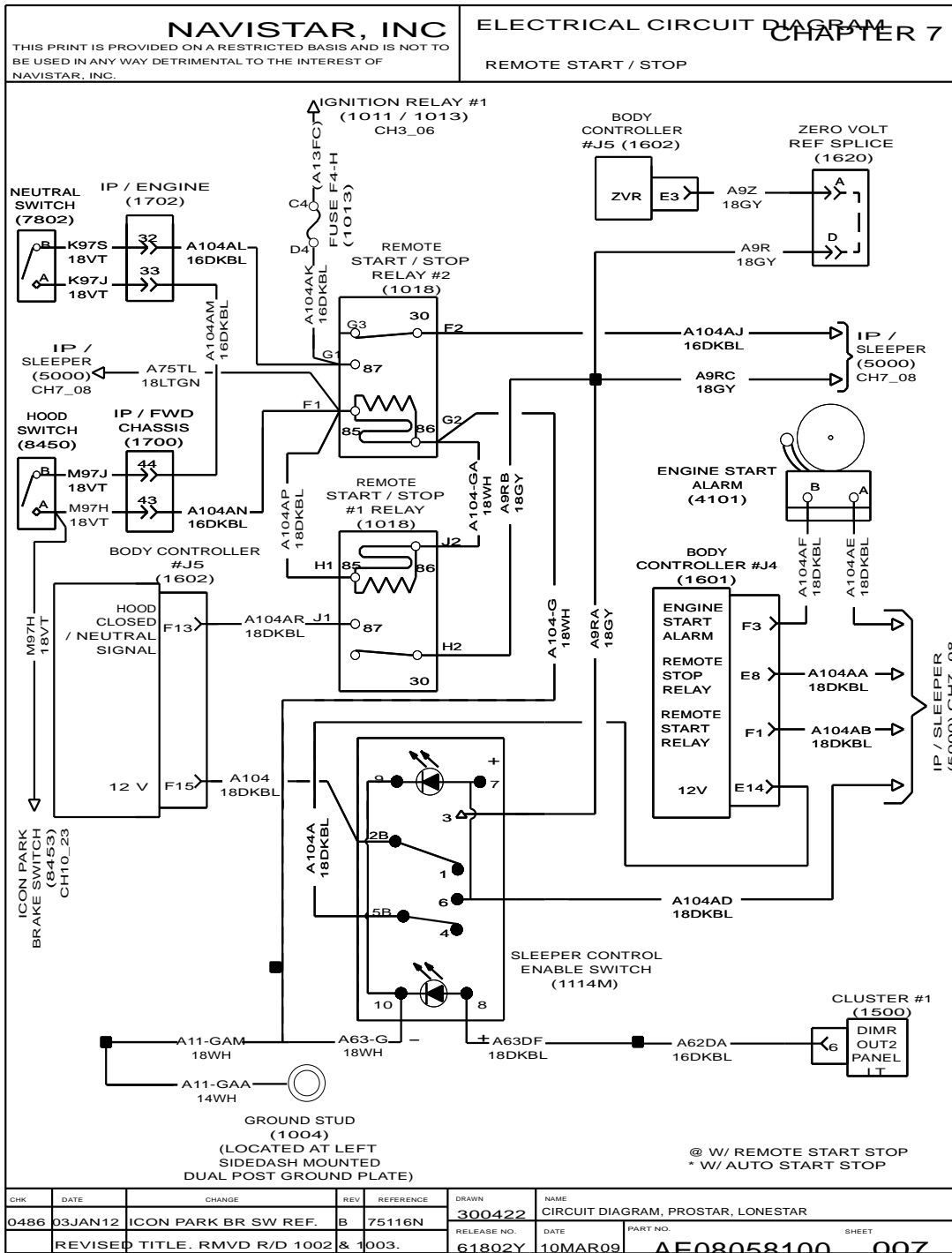


Figure 194 Remote Start / Stop



7.13. REMOTE START / STOP (CONT.), P. 7A

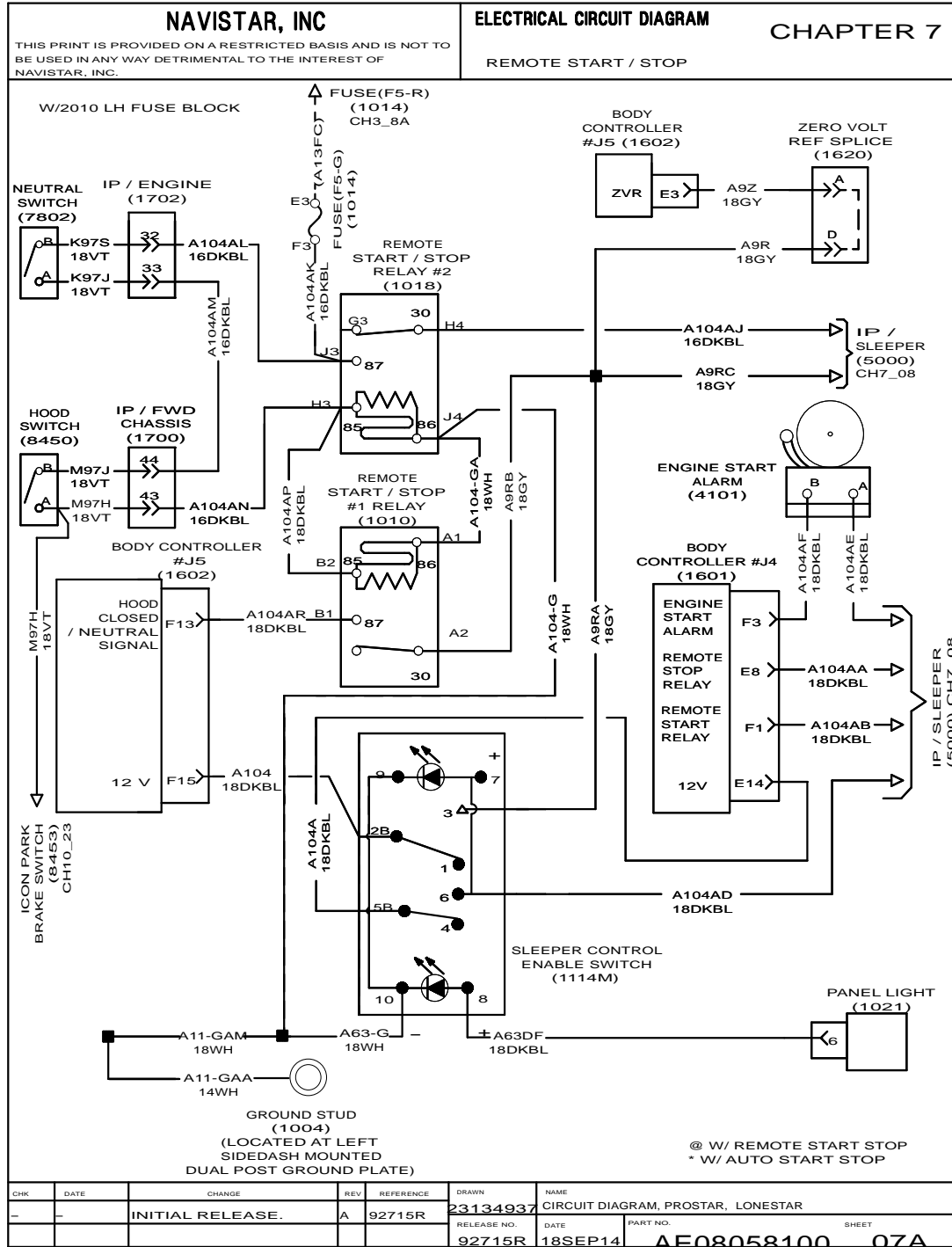


Figure 195 Remote Start / Stop (Cont.)

7.14. REMOTE START / STOP (CONT.), P. 8

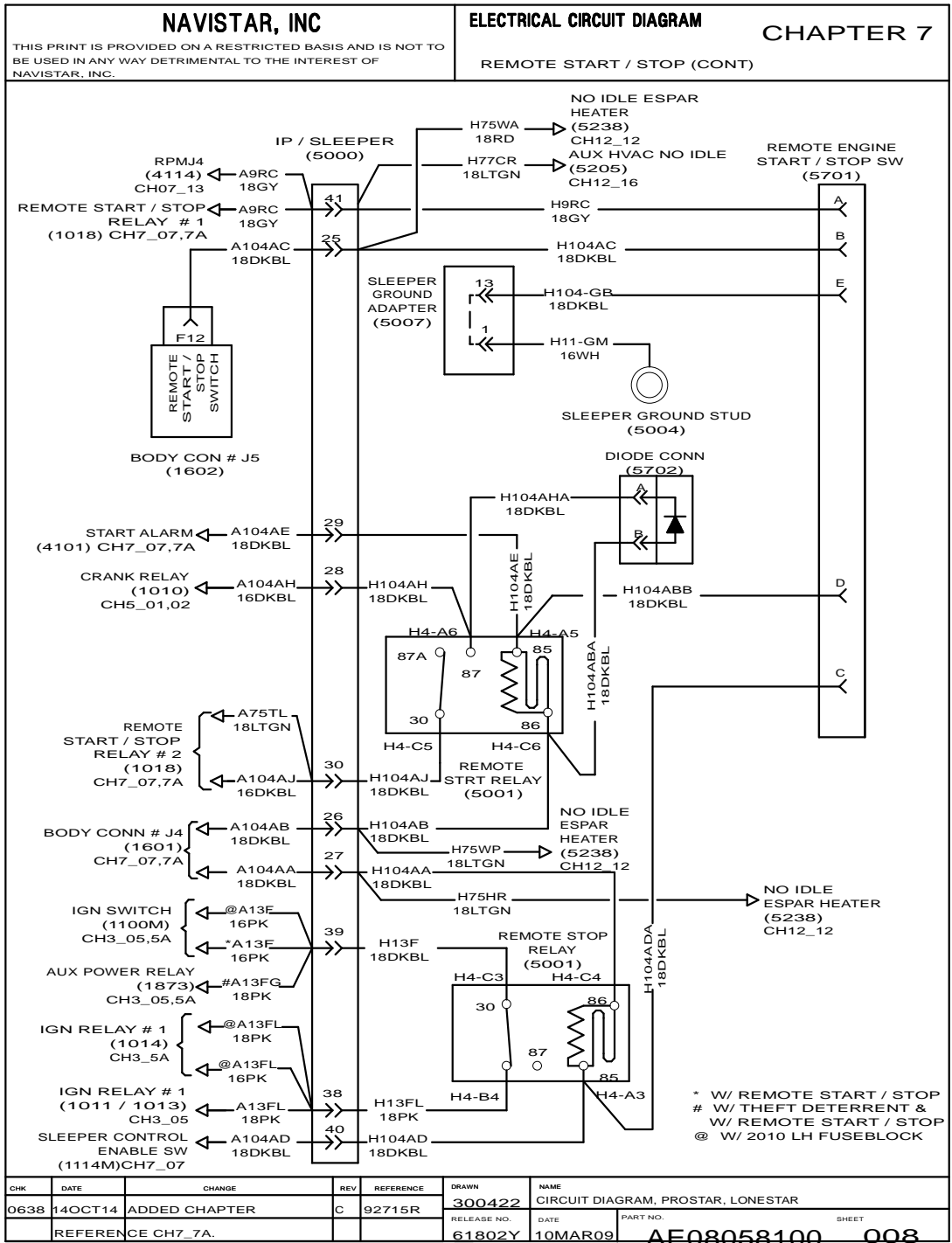


Figure 196 Remote Start / Stop (Cont.)

7.15. REMOTE START / STOP (CONT.), P. 8A

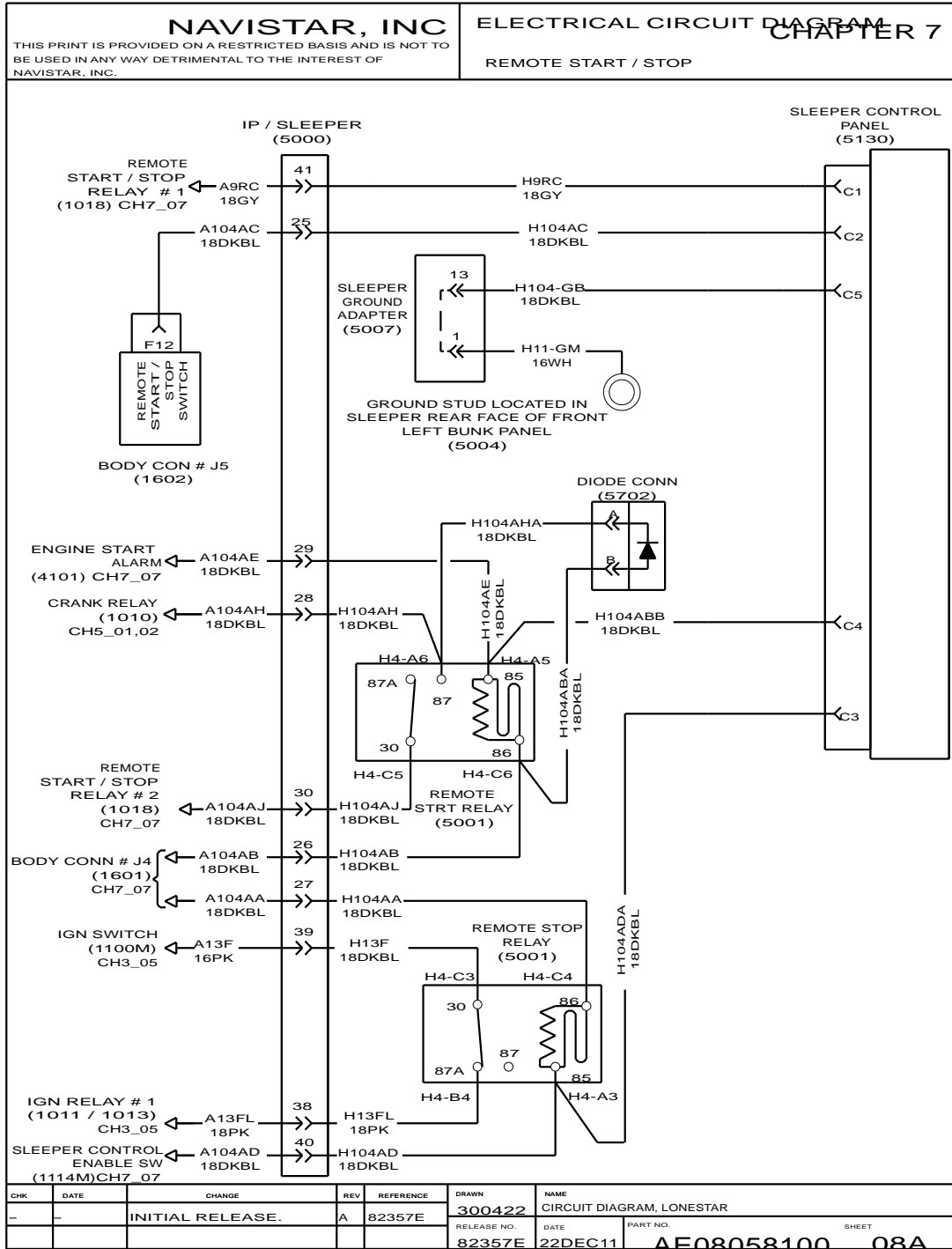


Figure 197 Remote Start / Stop (Cont.)

7.16. REMOTE START / STOP WITH 500K BAUD RATE, P. 8B

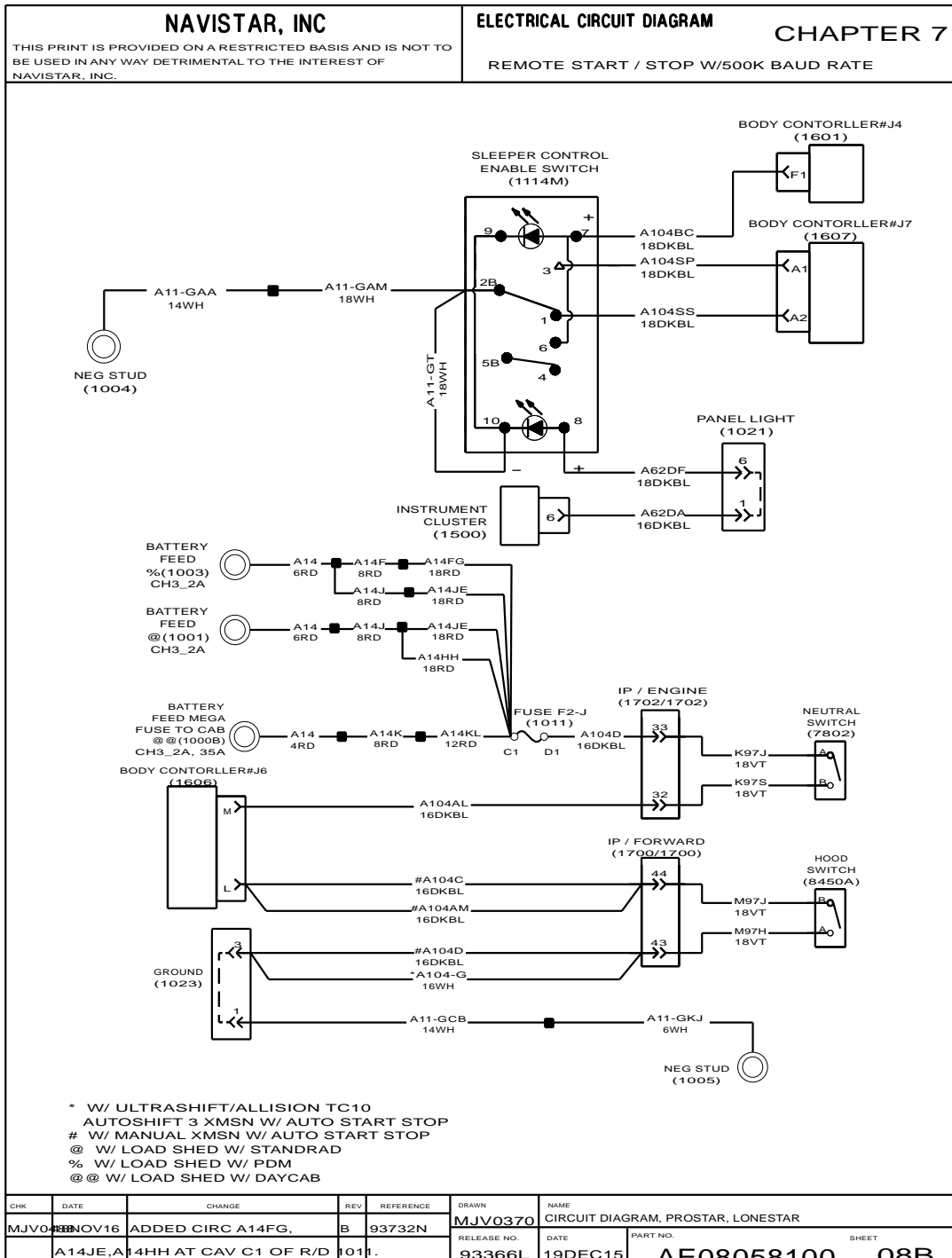


Figure 198 Remote Start / Stop with 500K Baud Rate

7.17. NO IDLE HEAT, P. 9

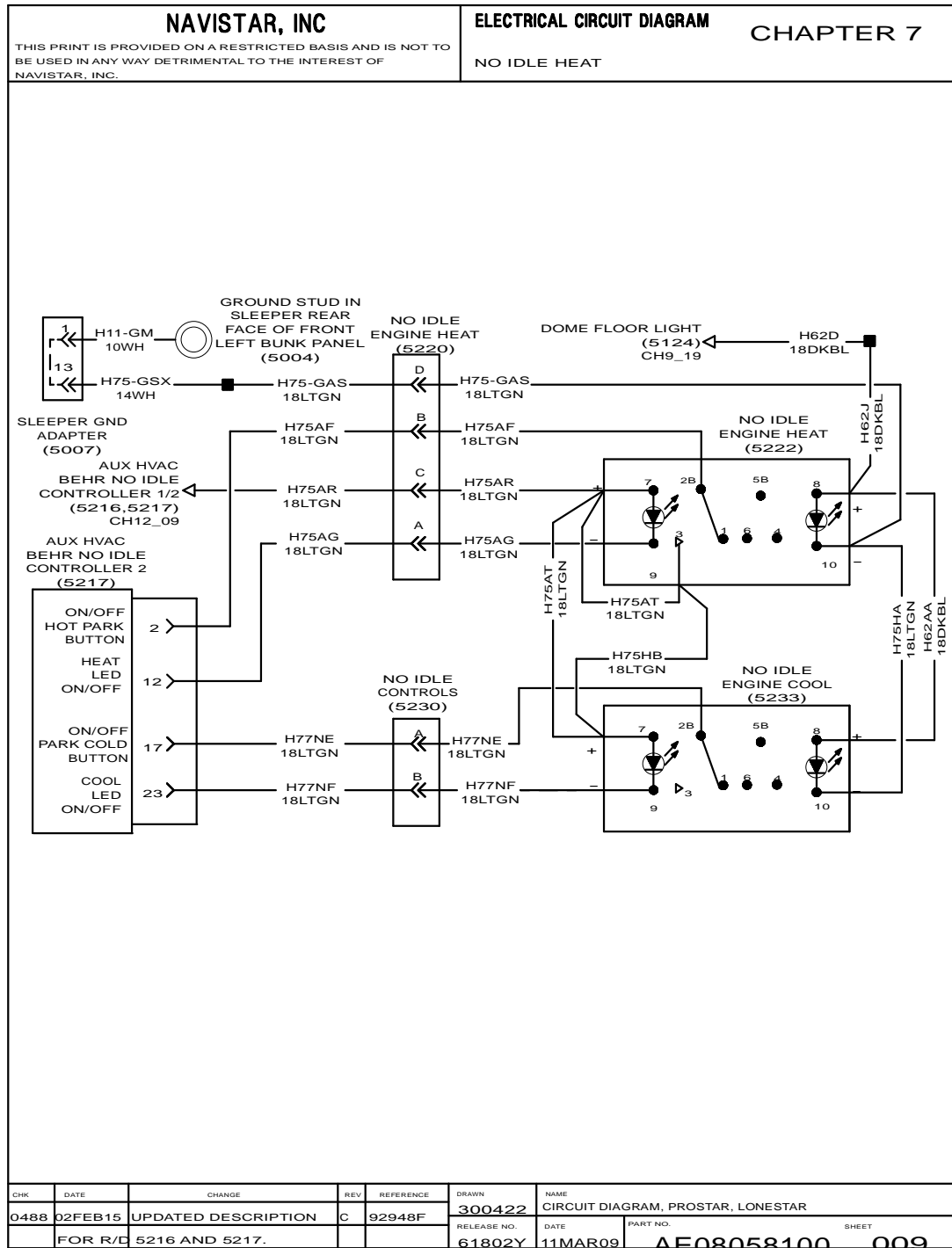


Figure 199 No Idle Heat

7.18. TRI-PAC NO IDLE, P. 10

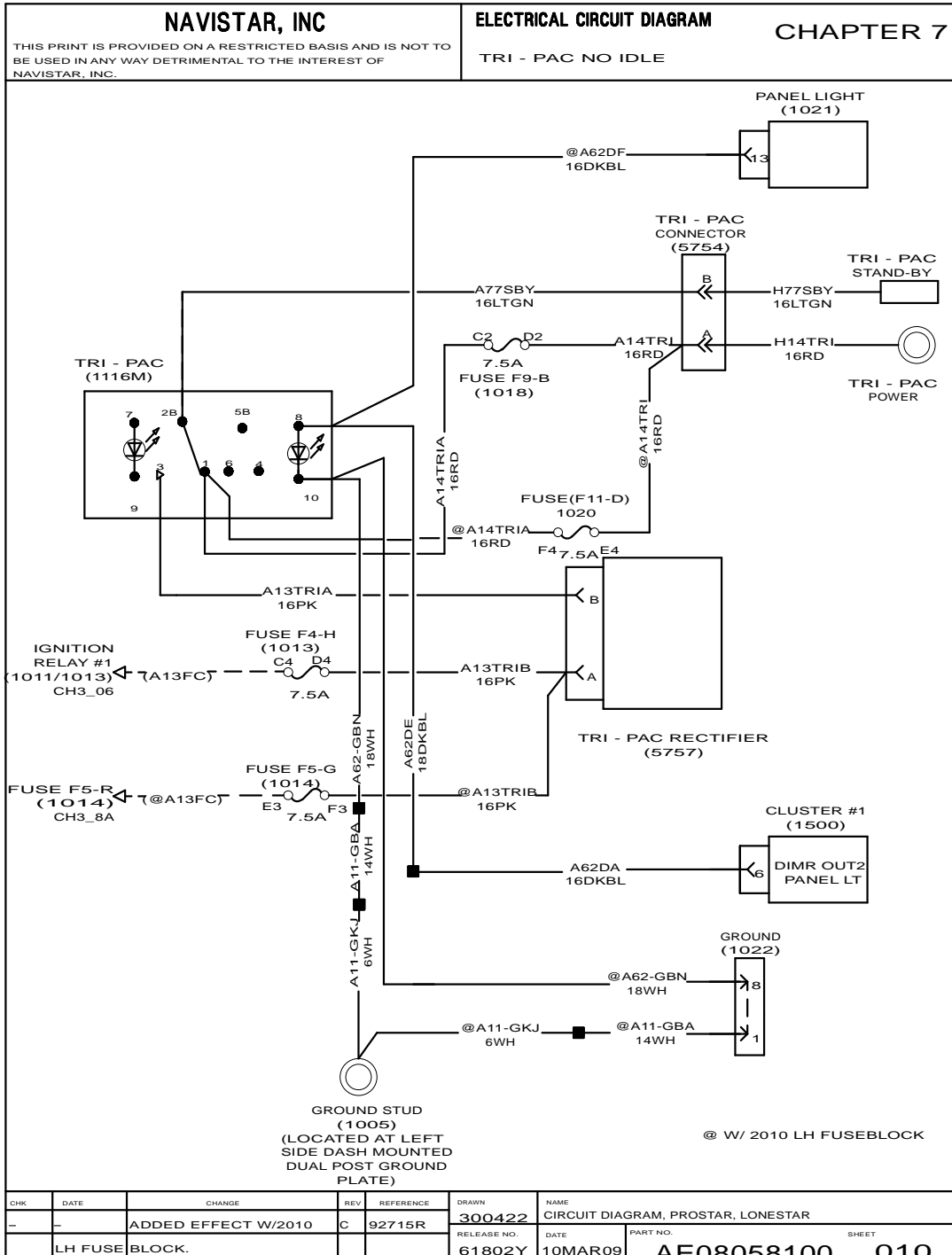


Figure 200 Tri-Pac No Idle

7.19. IDLE CONTROL TEMP SENSOR, P. 11

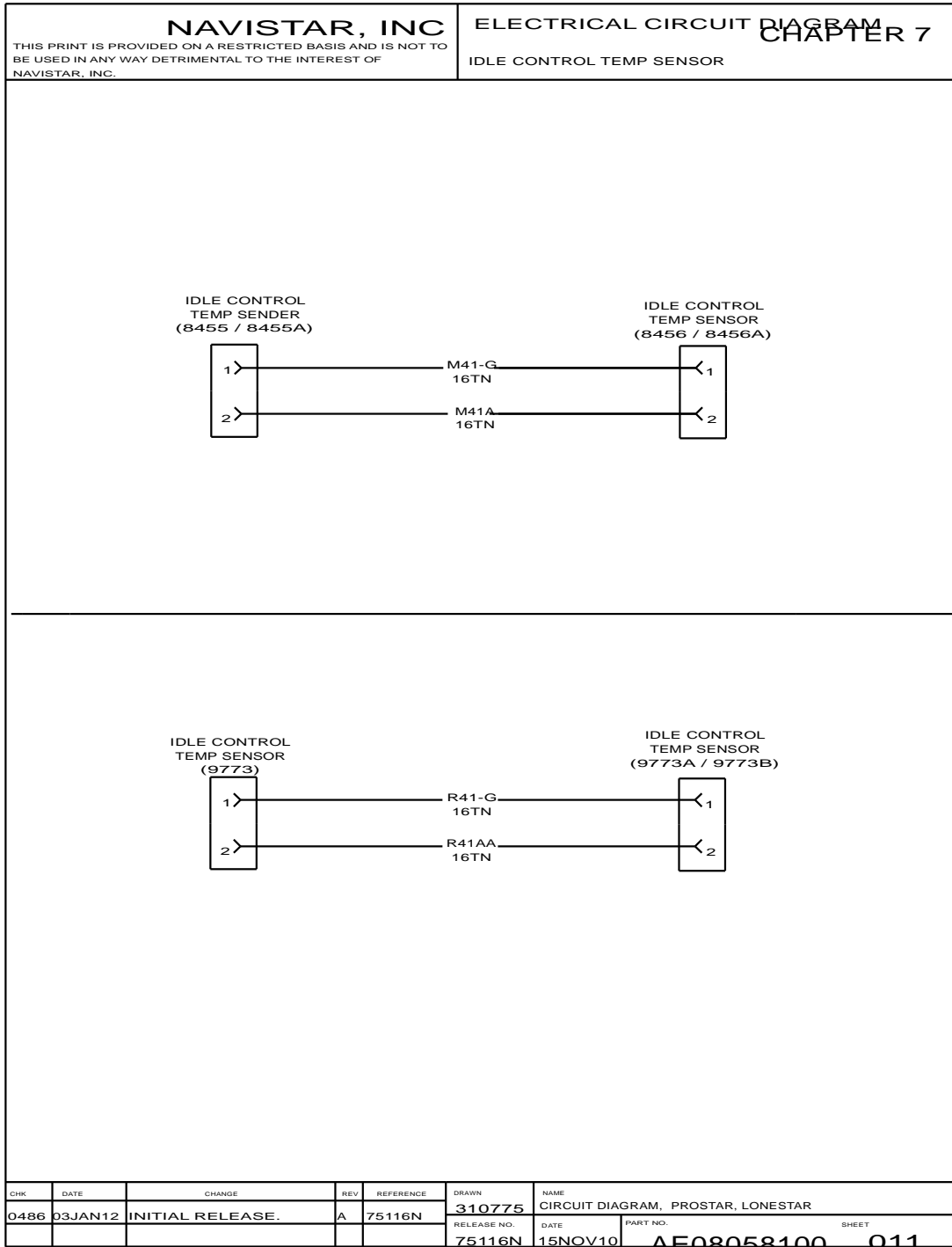


Figure 201 Idle Control Temp Sensor

7.20. AUTO START / STOP, P. 12

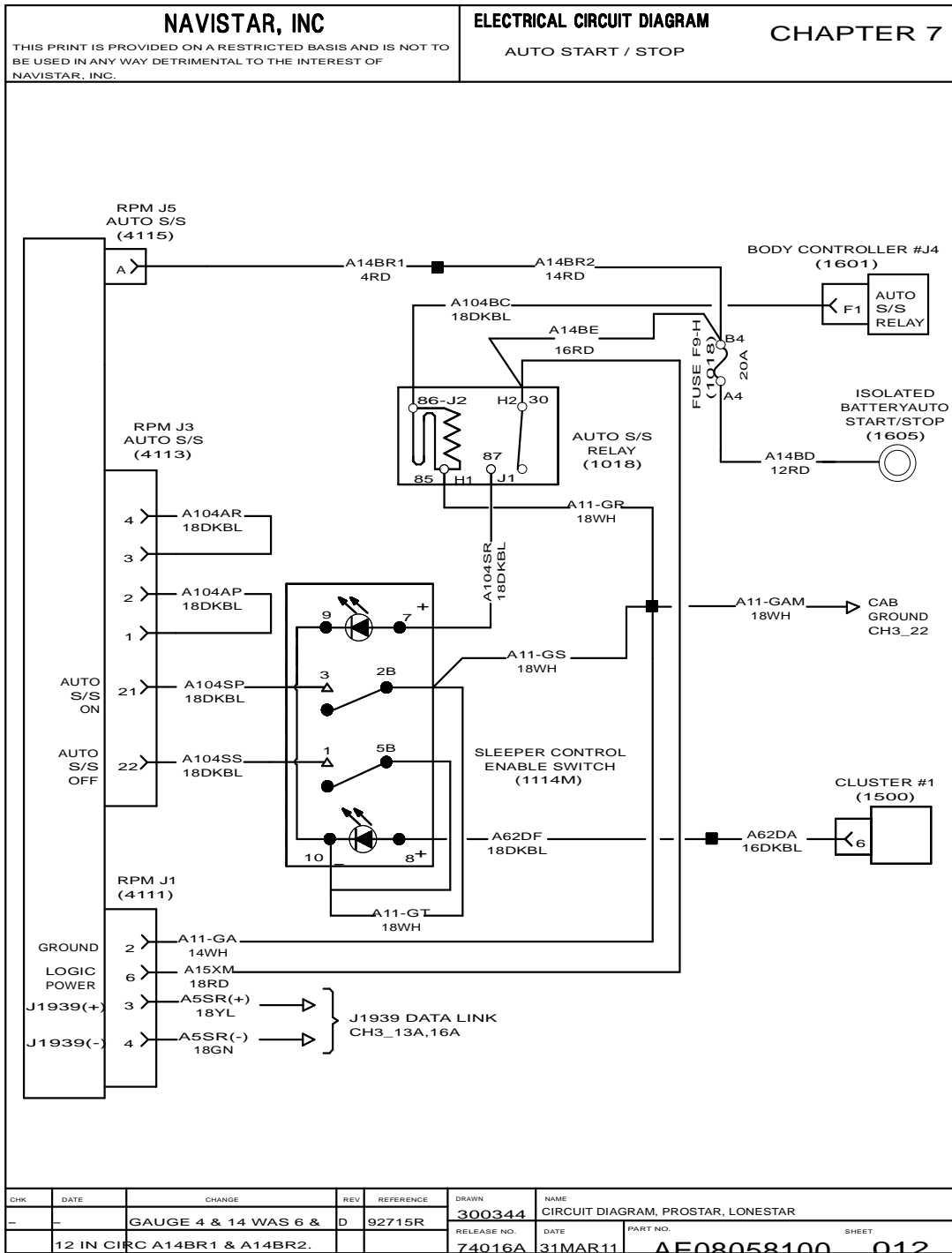


Figure 202 Auto Start / Stop



7.21. AUTO START / STOP (CONT.), P. 12A

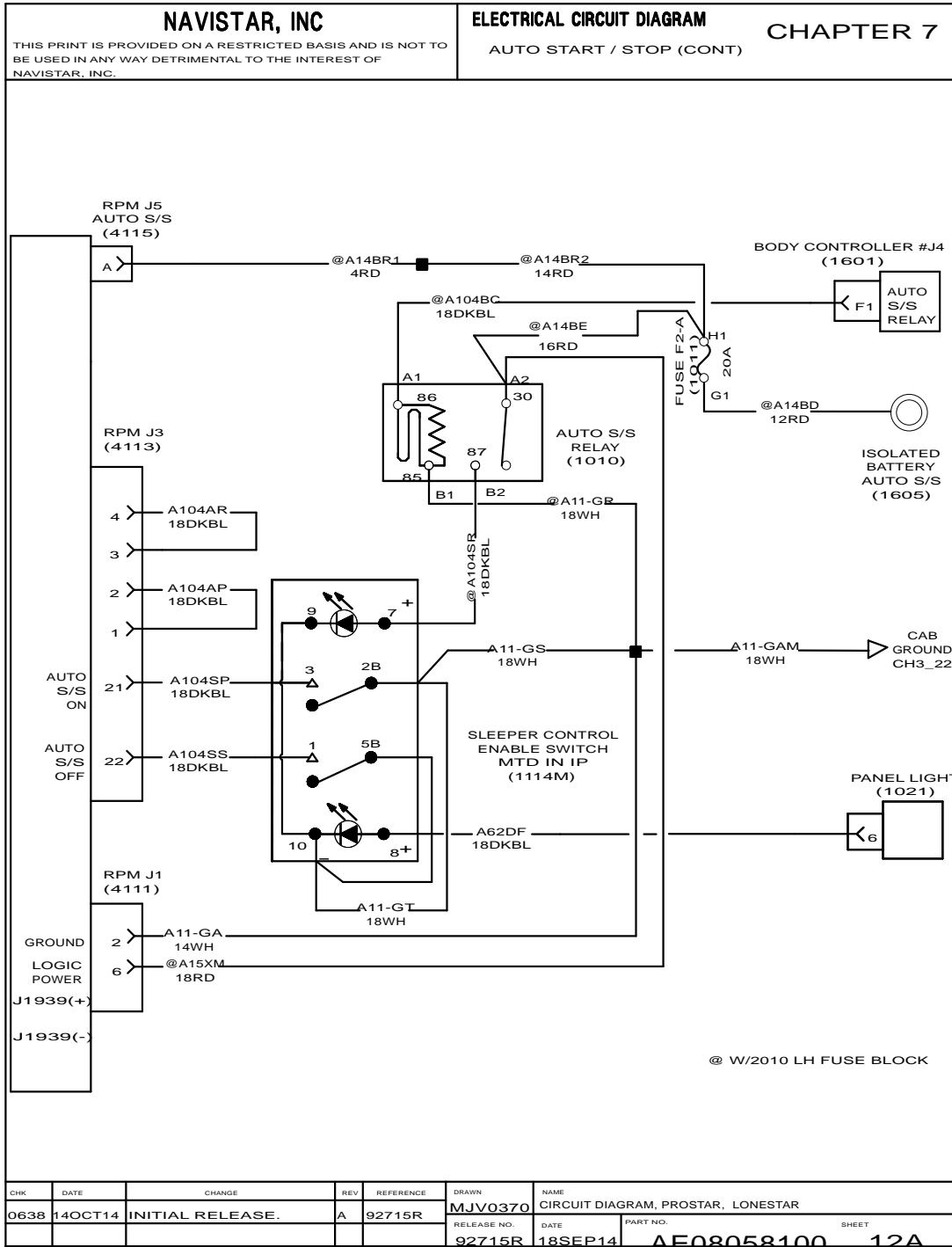


Figure 203 Auto Start / Stop (Cont.)

7.22. AUTO START / STOP (CONT.), P. 13

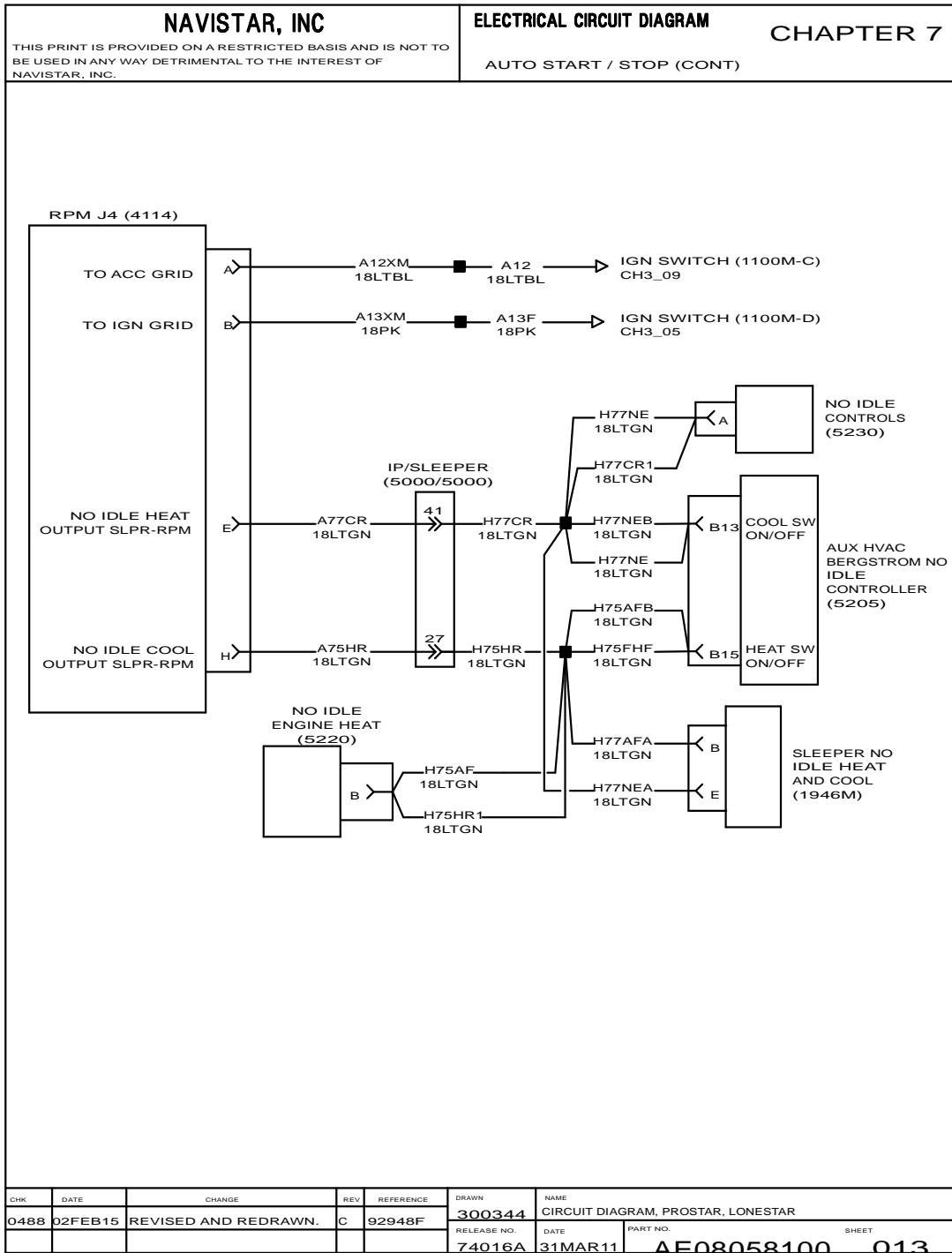


Figure 204 Auto Start / Stop (Cont.)

7.23. AUTO START / STOP (CONT.), P. 14

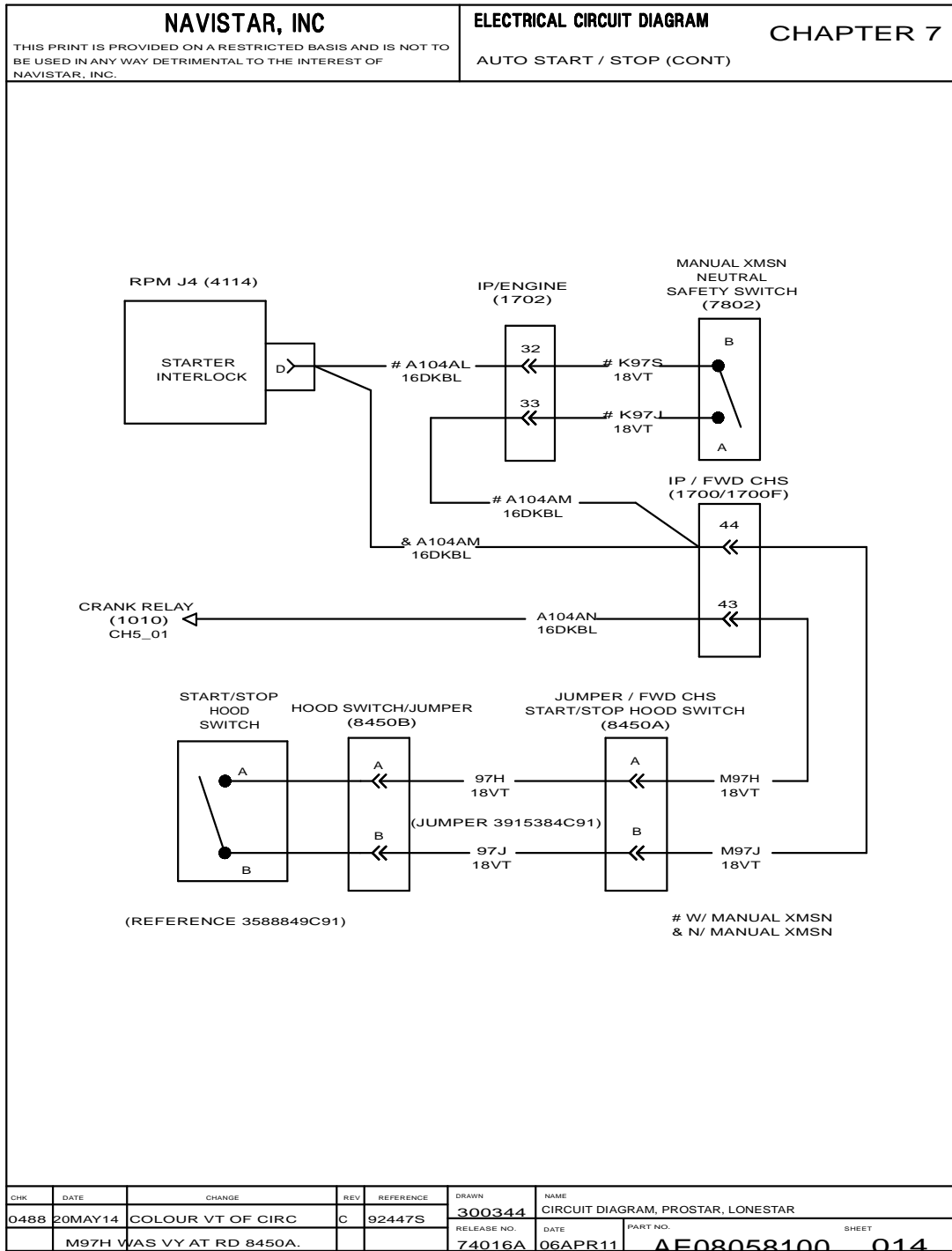


Figure 205 Auto Start / Stop (Cont.)

7.24. AUTO START / STOP (CONT.), P. 15

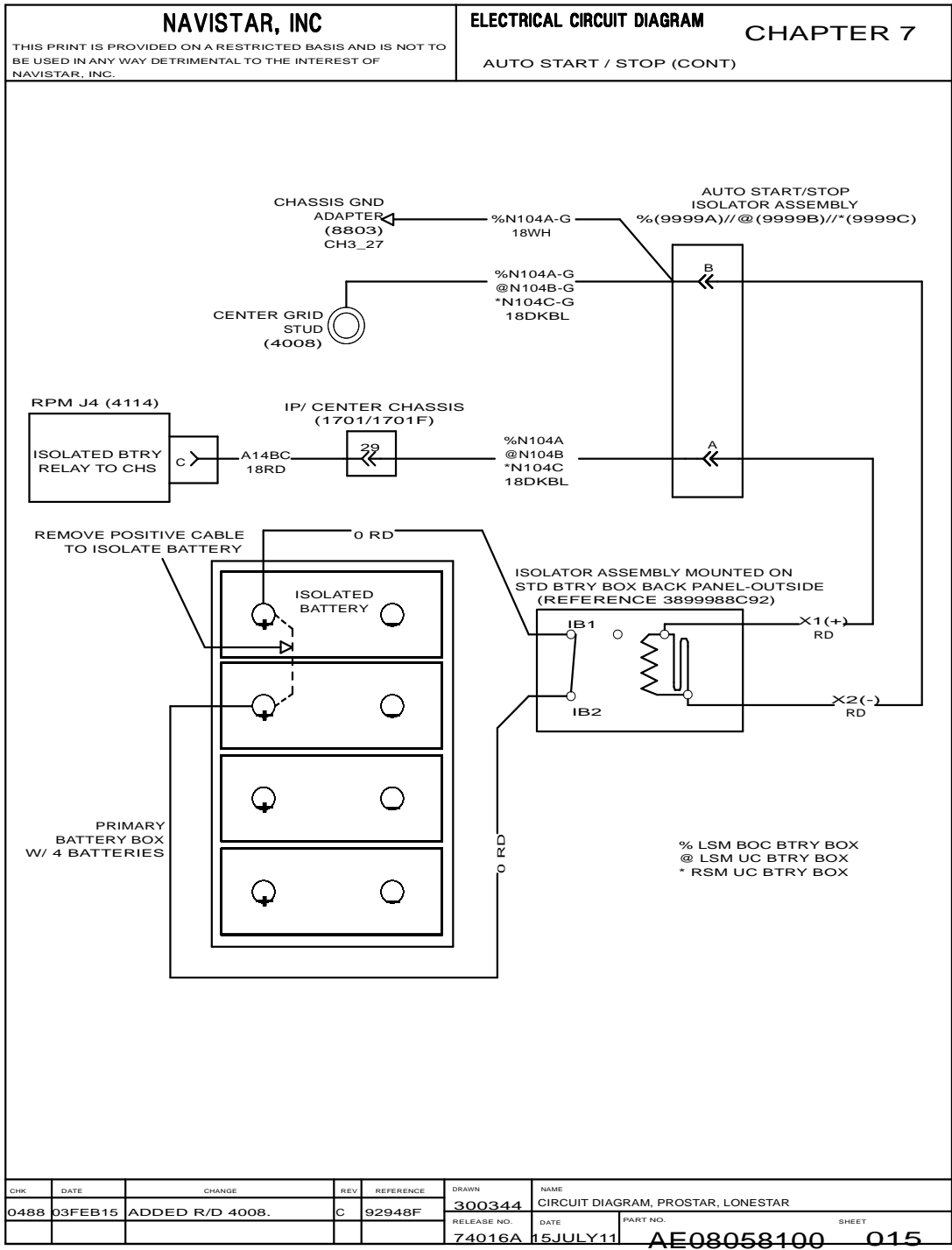


Figure 206 Auto Start / Stop (Cont.)

7.25. ELECTRONICS ENGINE CONTROL (ISX 2013), P. 16

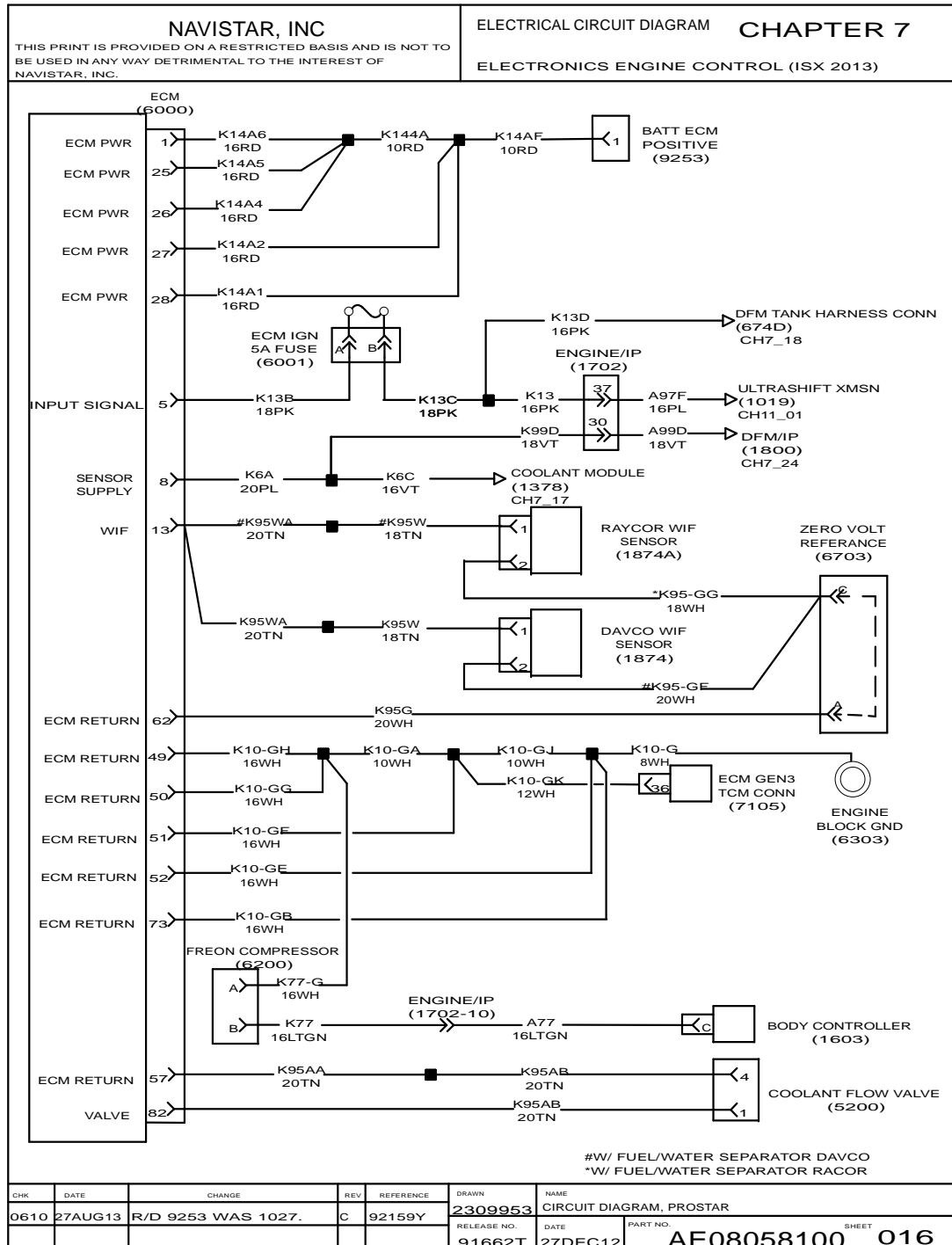


Figure 207 Electronics Engine Control (ISX 2013)

7.26. ELECTRONICS ENGINE CONTROL (ISX 2013) (CONT.), P. 17

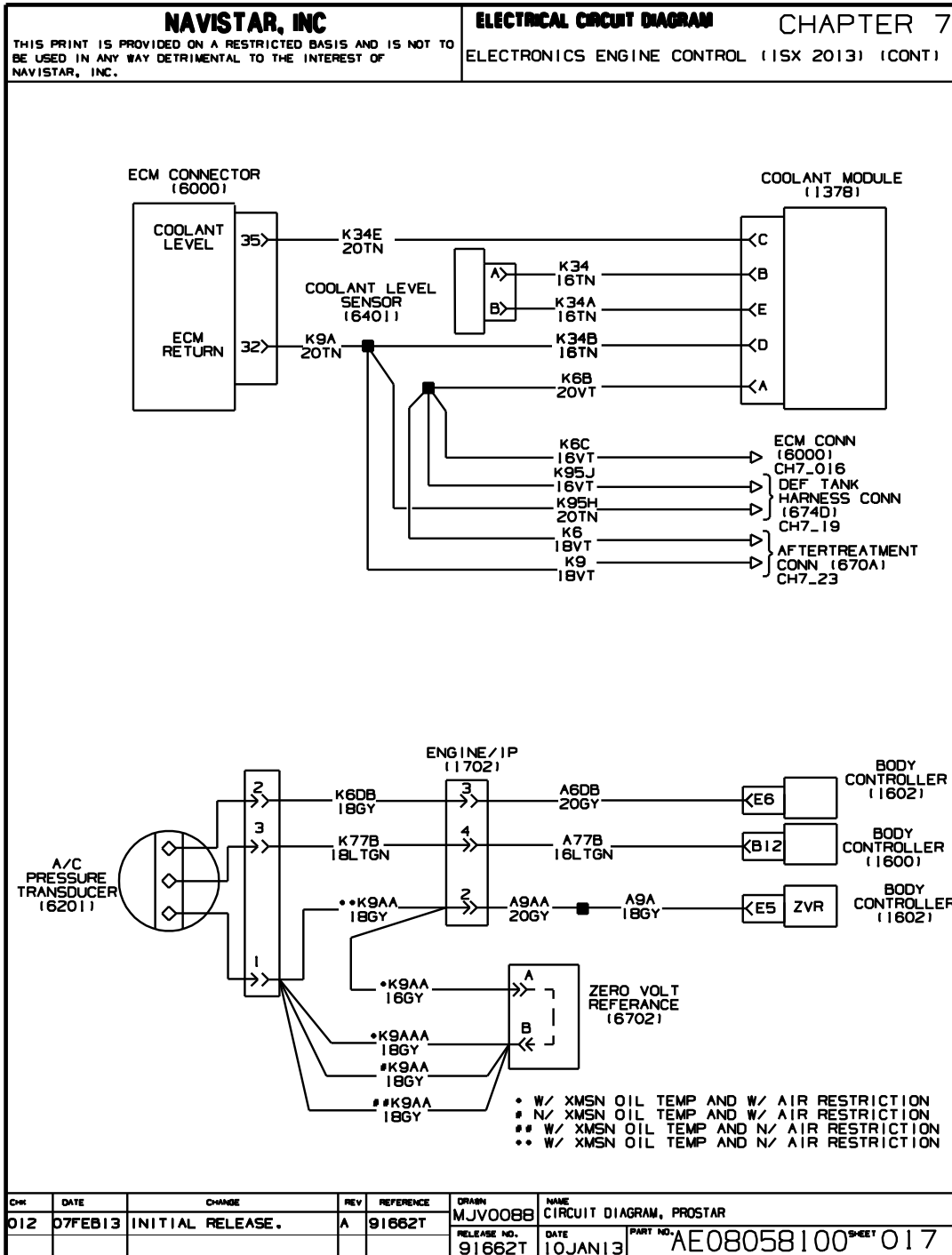


Figure 208 Electronics Engine Control (ISX 2013) (Cont.)

7.27. ISX 2013 DEF & AFTERTREATMENT, P. 18

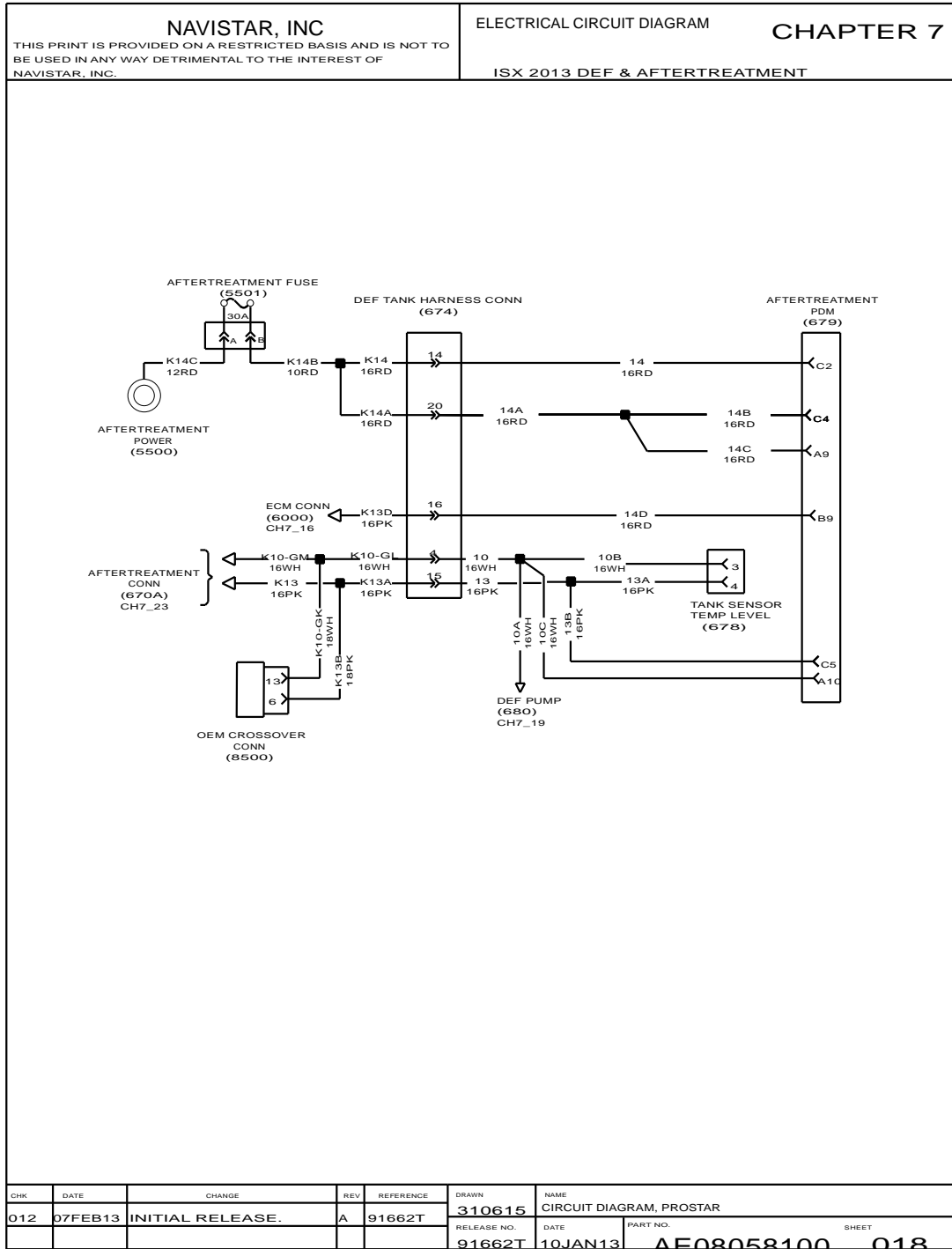


Figure 209 ISX 2013 DEF & Aftertreatment

7.28. ISX 2013 DEF & AFTERTREATMENT (CONT.), P. 19

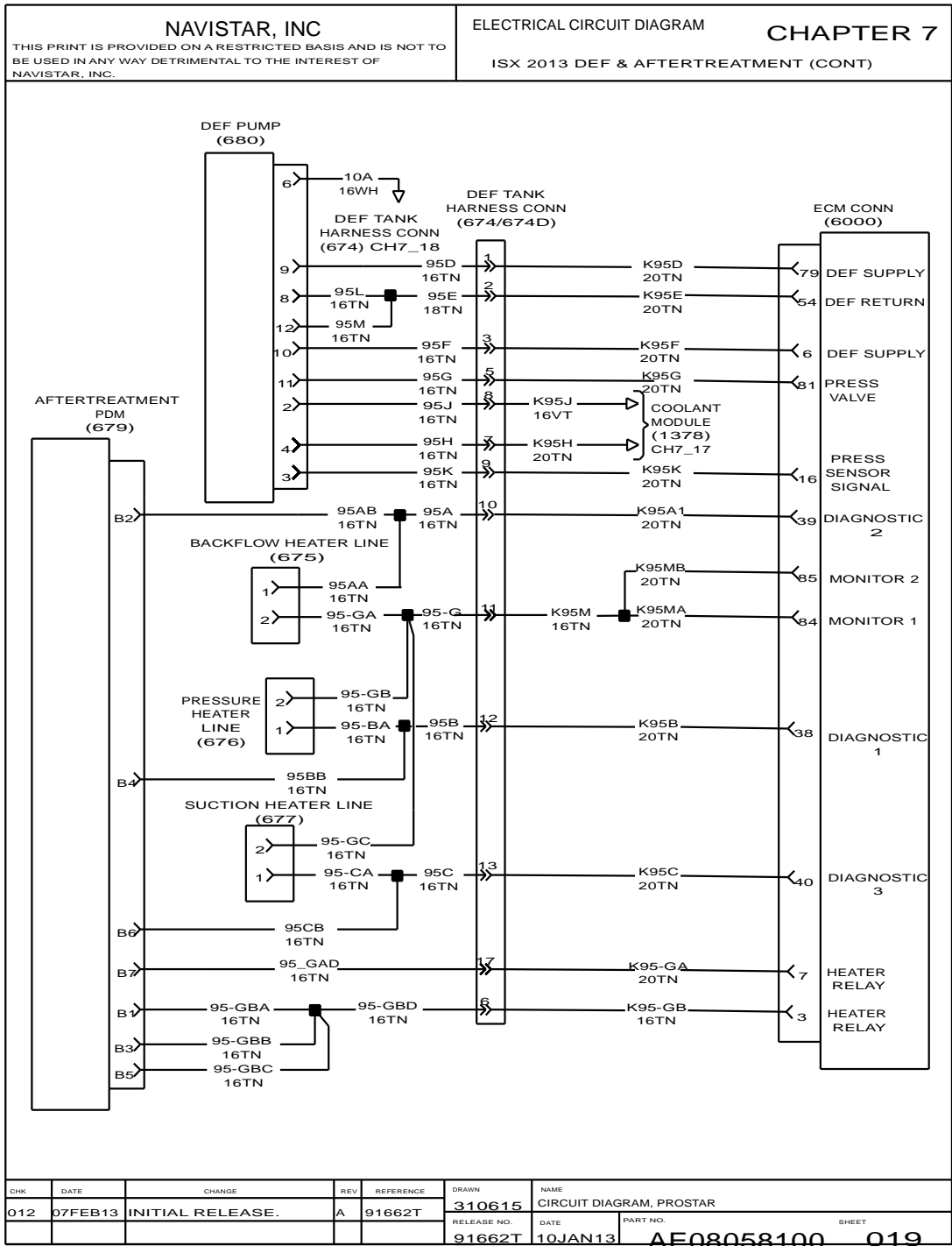


Figure 210 ISX 2013 DEF & Aftertreatment (Cont.)



7.29. ISX 2013 DEF & AFTERTREATMENT (CONT.), P. 20

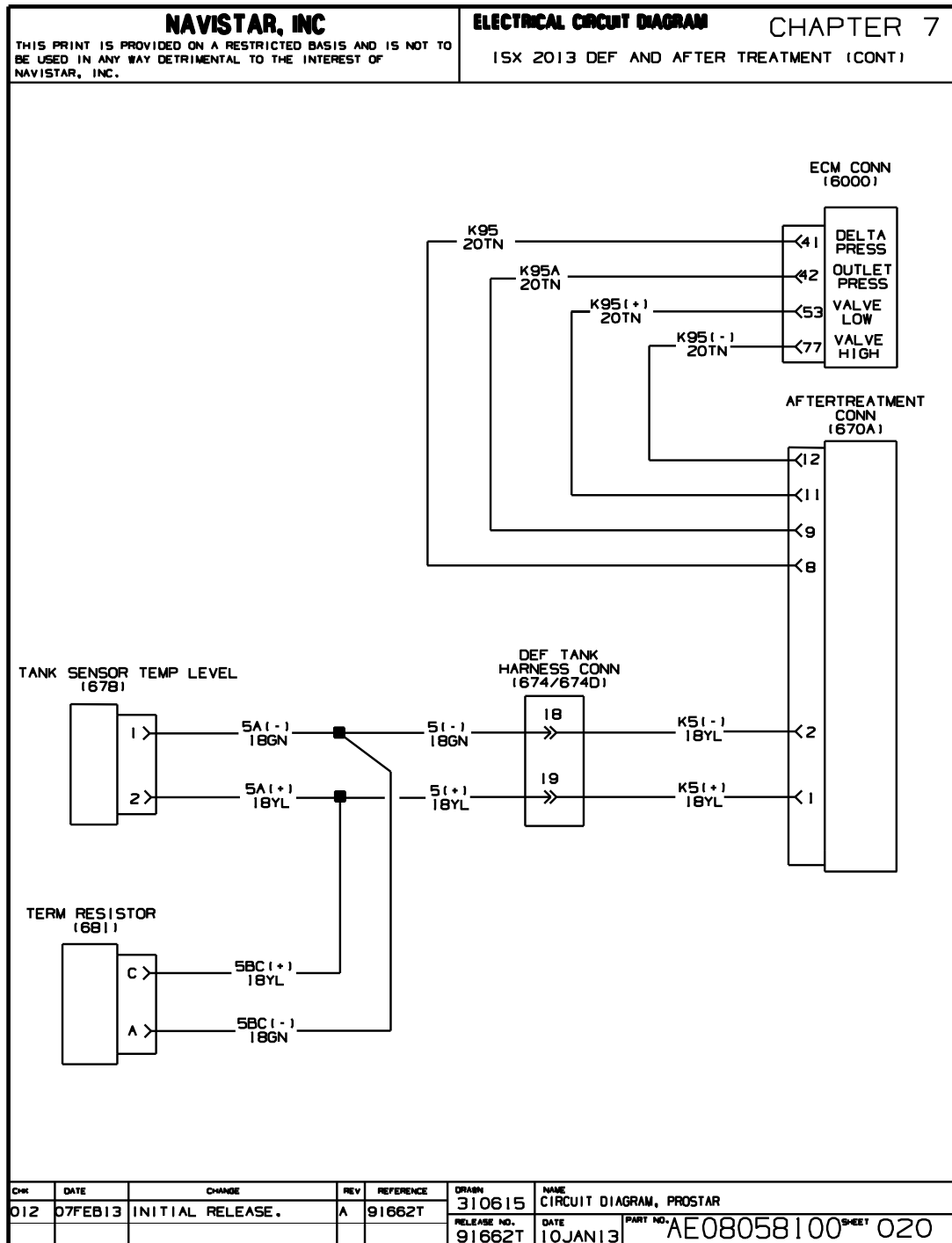


Figure 211 ISX 2013 DEF & Aftertreatment (Cont.)

7.30. ISX 2013 DEF & AFTERTREATMENT (CONT.), P. 21

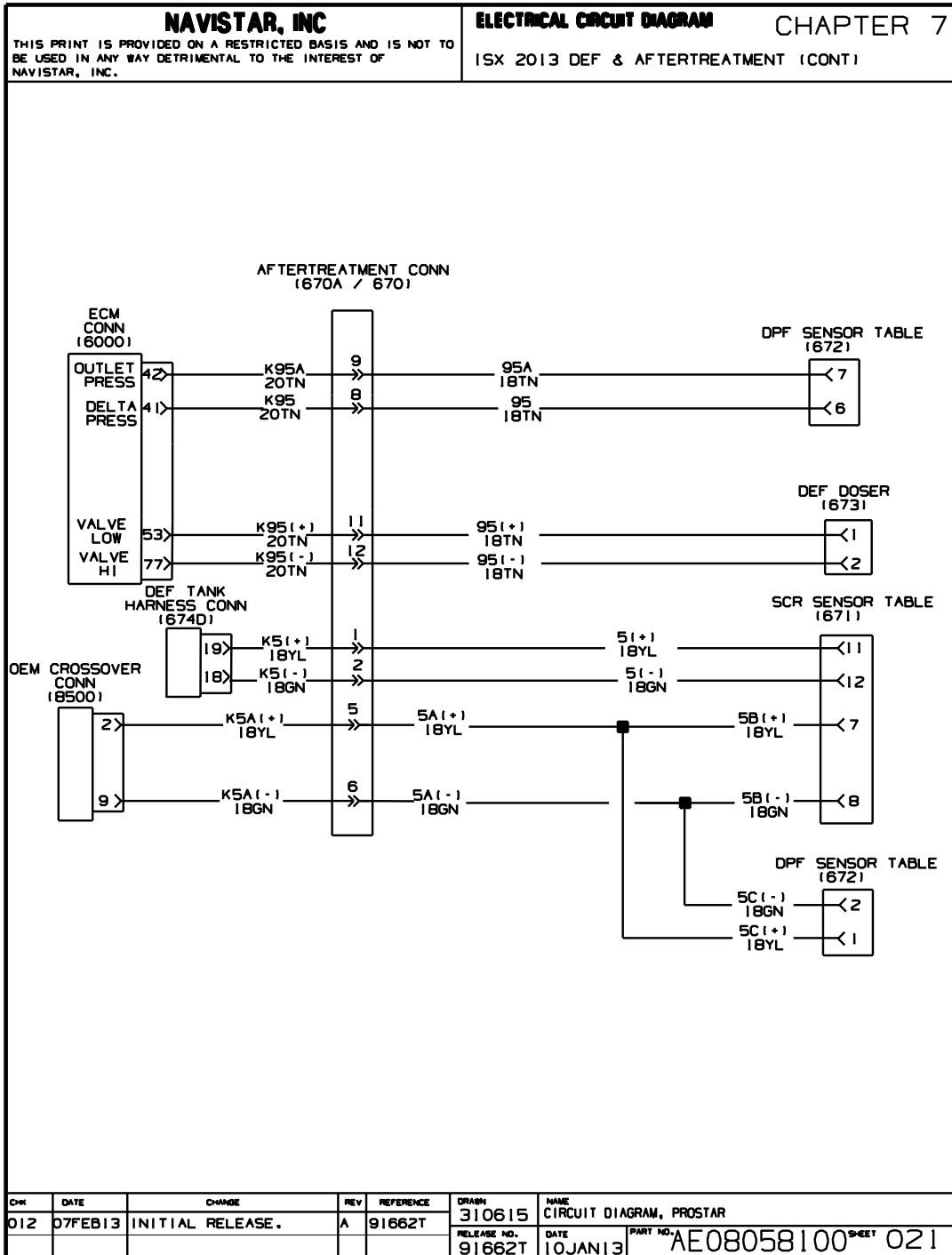


Figure 212 ISX 2013 DEF & Aftertreatment (Cont.)

7.31. ISX 2013 DEF & AFTERTREATMENT (CONT.), P. 22

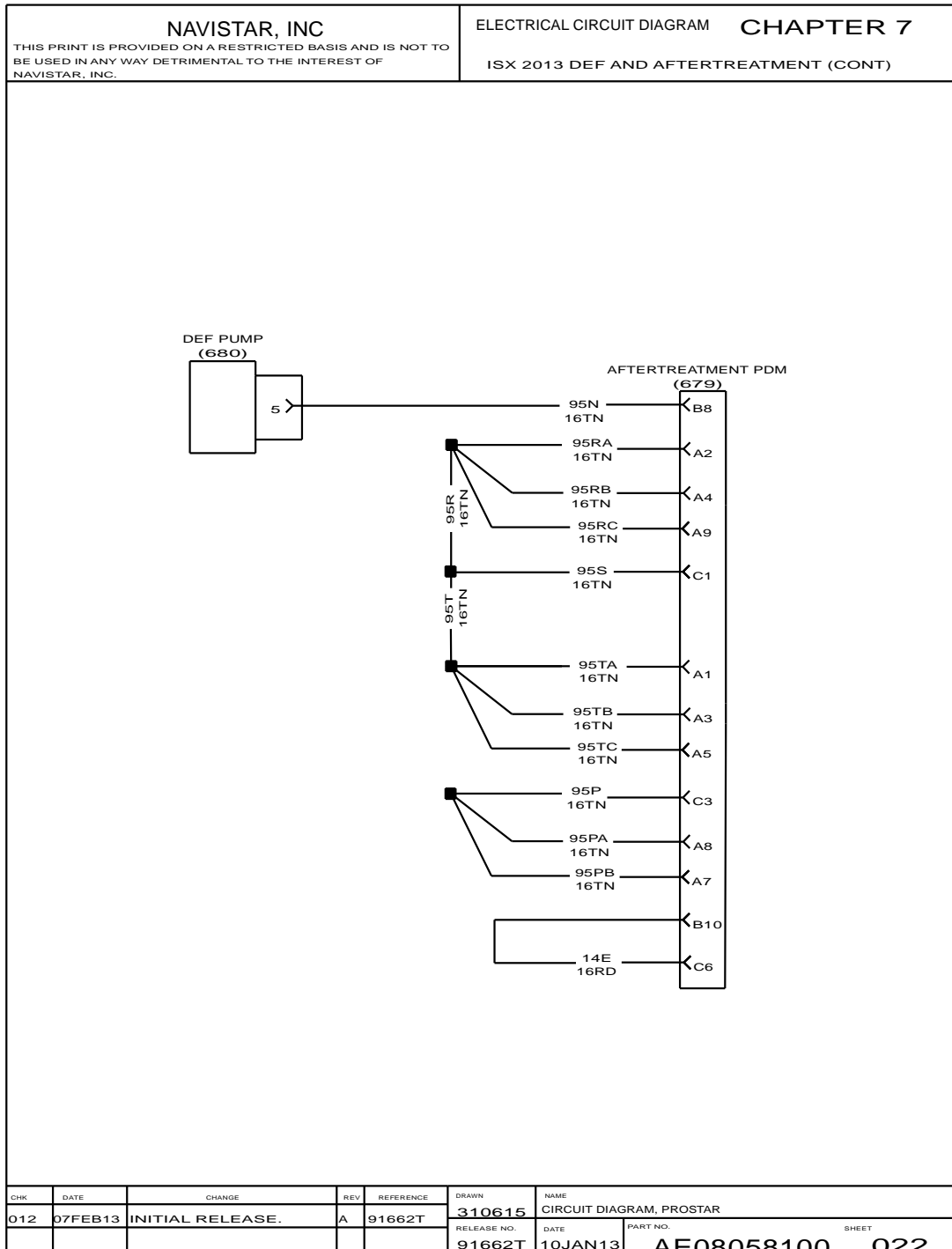


Figure 213 ISX 2013 DEF & Aftertreatment (Cont.)

7.32. ISX 2013 DEF & AFTERTREATMENT (CONT.), P. 23

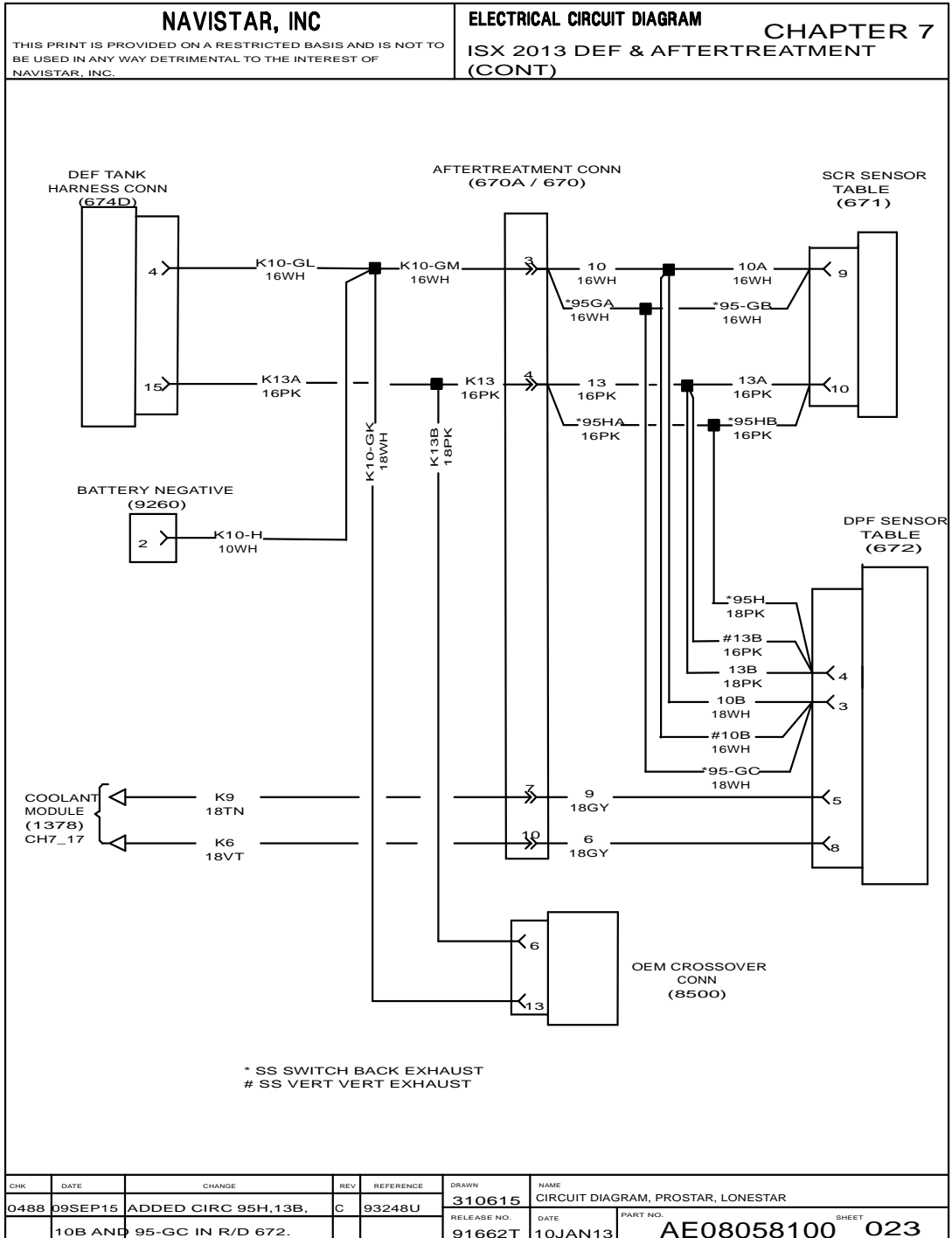


Figure 214 ISX 2013 DEF & Aftertreatment (Cont.)

7.33. ACCELERATOR PEDAL MODULE (ISX 2013), P. 24

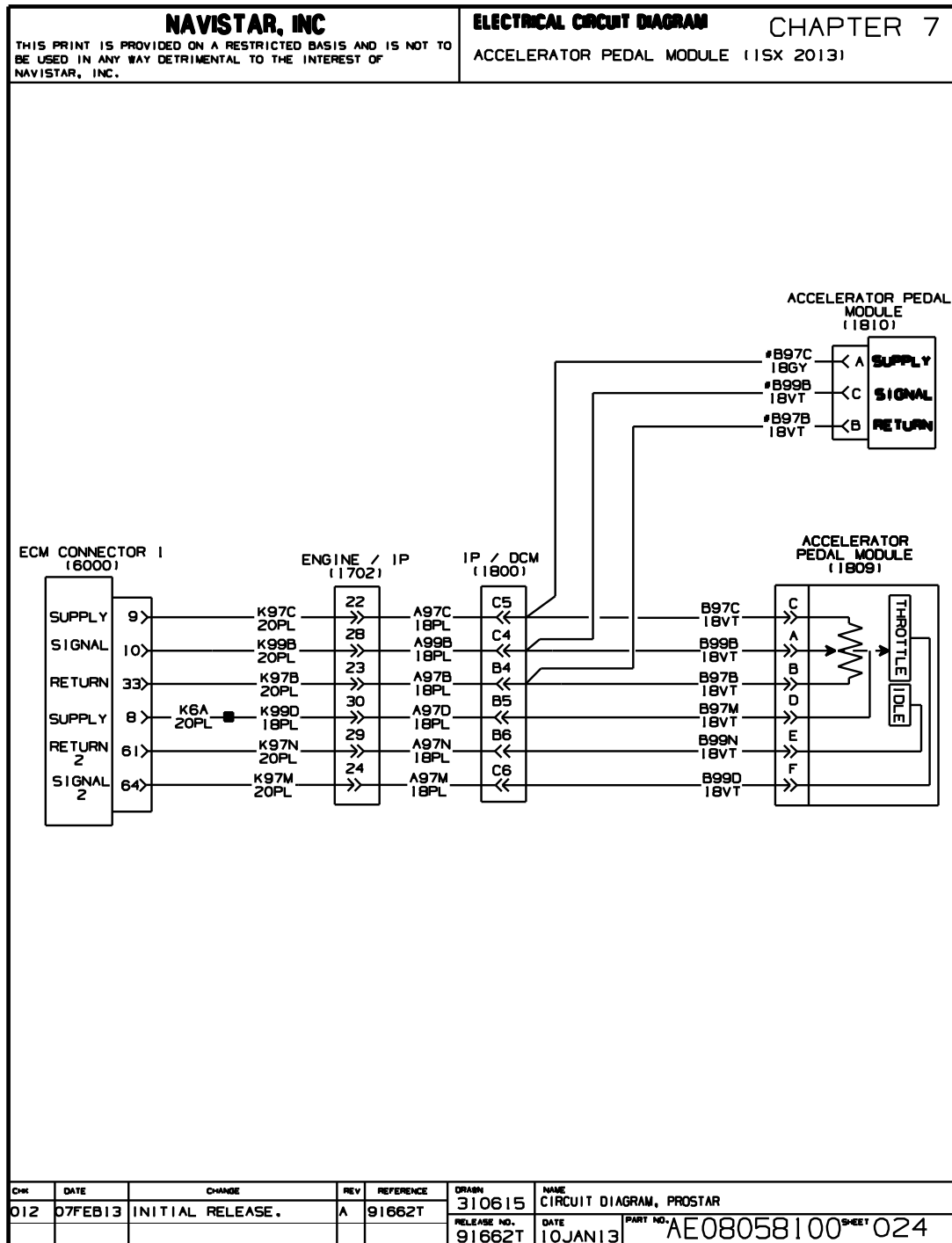


Figure 215 Accelerator Pedal Module (ISX 2013)

7.34. ELECTRONIC ENGINE CONTROLS (2010 SCR 13L ENGINE), P. 25

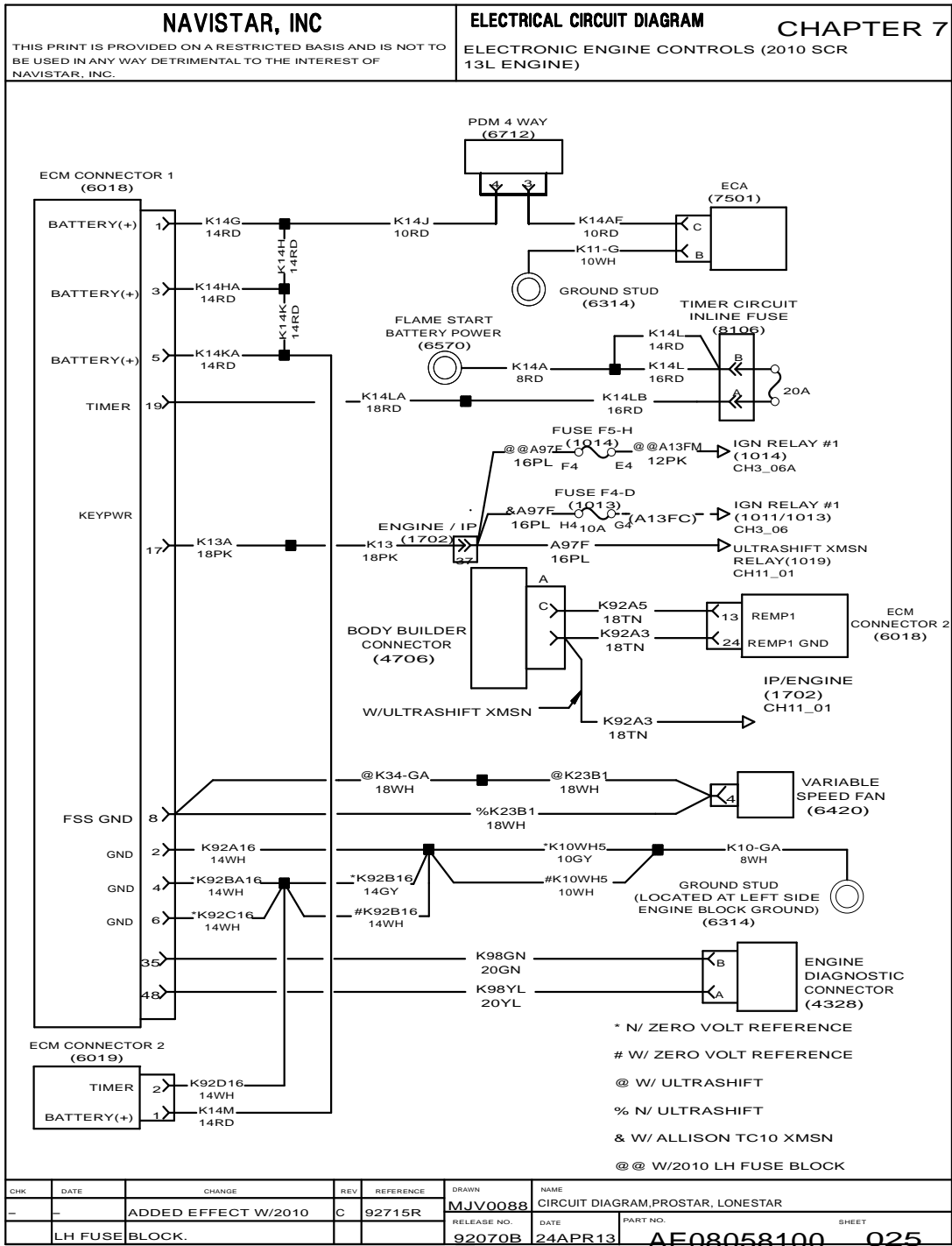


Figure 216 Electronic Engine Controls (2010 SCR 13L Engine)

7.35. ELECTRONIC ENGINE CONTROLS (2010 SCR 13L ENGINE) (CONT.), P. 26

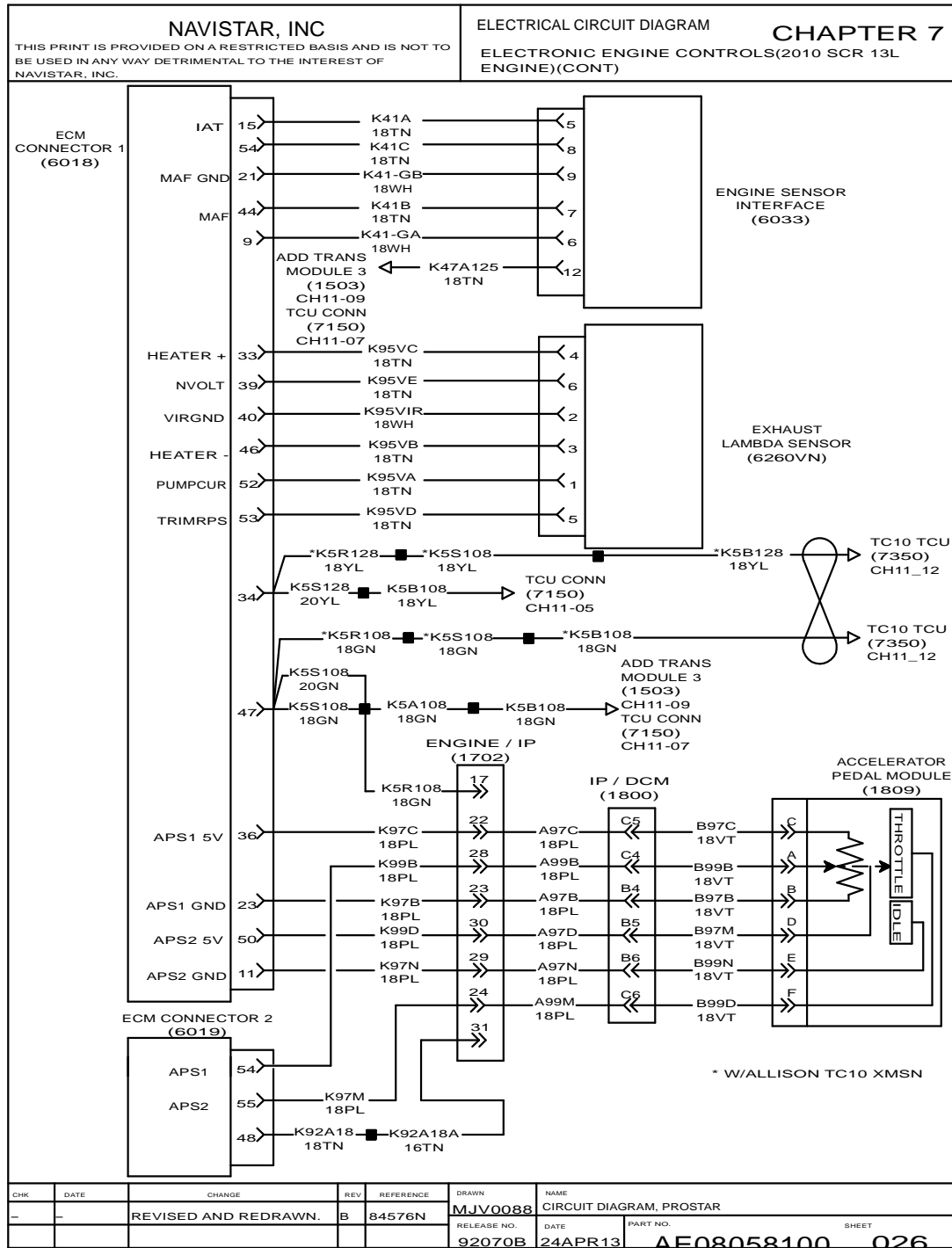


Figure 217 Electronic Engine Controls (2010 SCR 13L Engine) (Cont.)

7.36. ELECTRONIC ENGINE CONTROLS (2010 SCR 13L ENGINE) (CONT.), P. 27

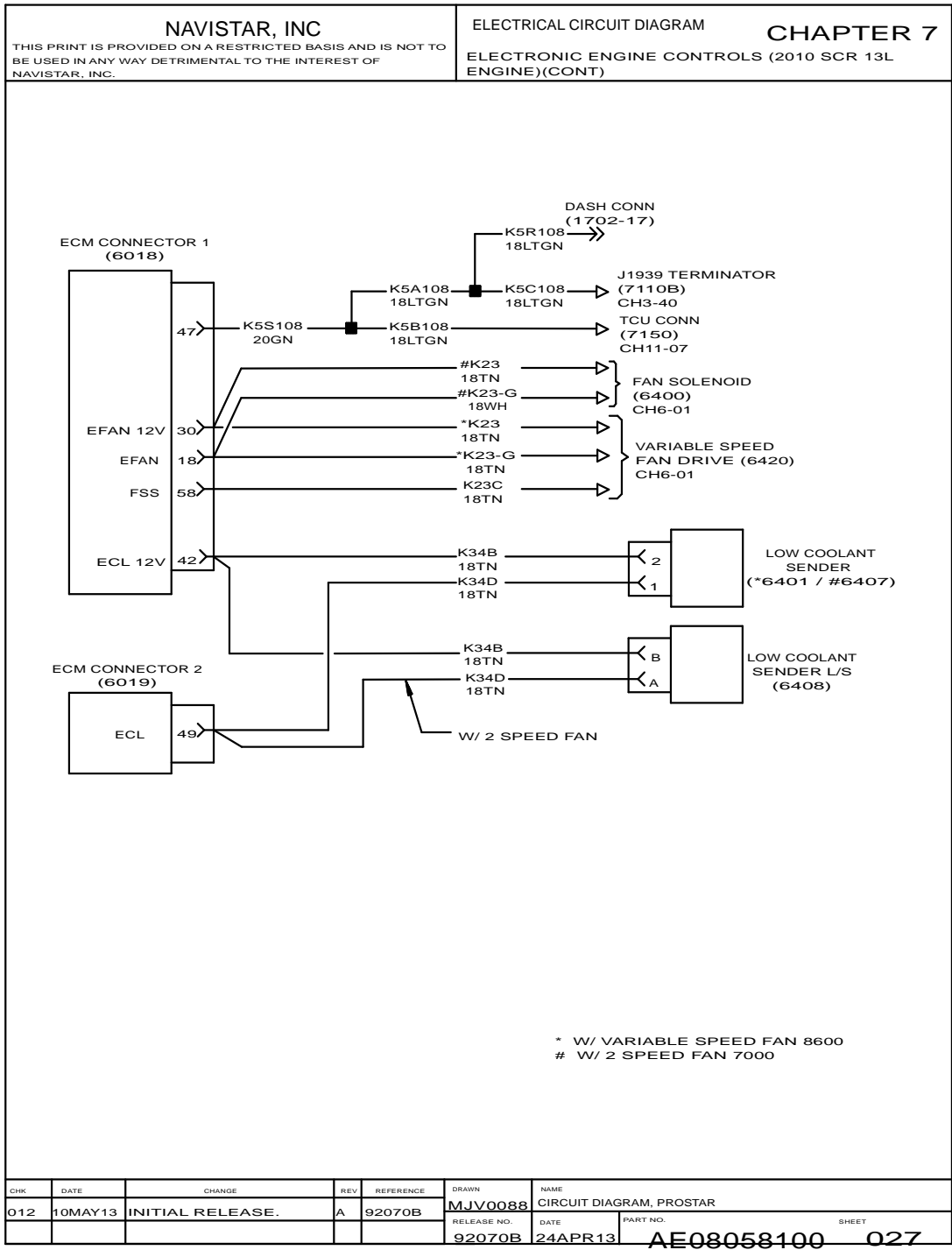


Figure 218 Electronic Engine Controls (2010 SCR 13L Engine) (Cont.)



7.37. ELECTRONIC ENGINE CONTROLS (2010 SCR 13L ENGINE) (CONT.), P. 28

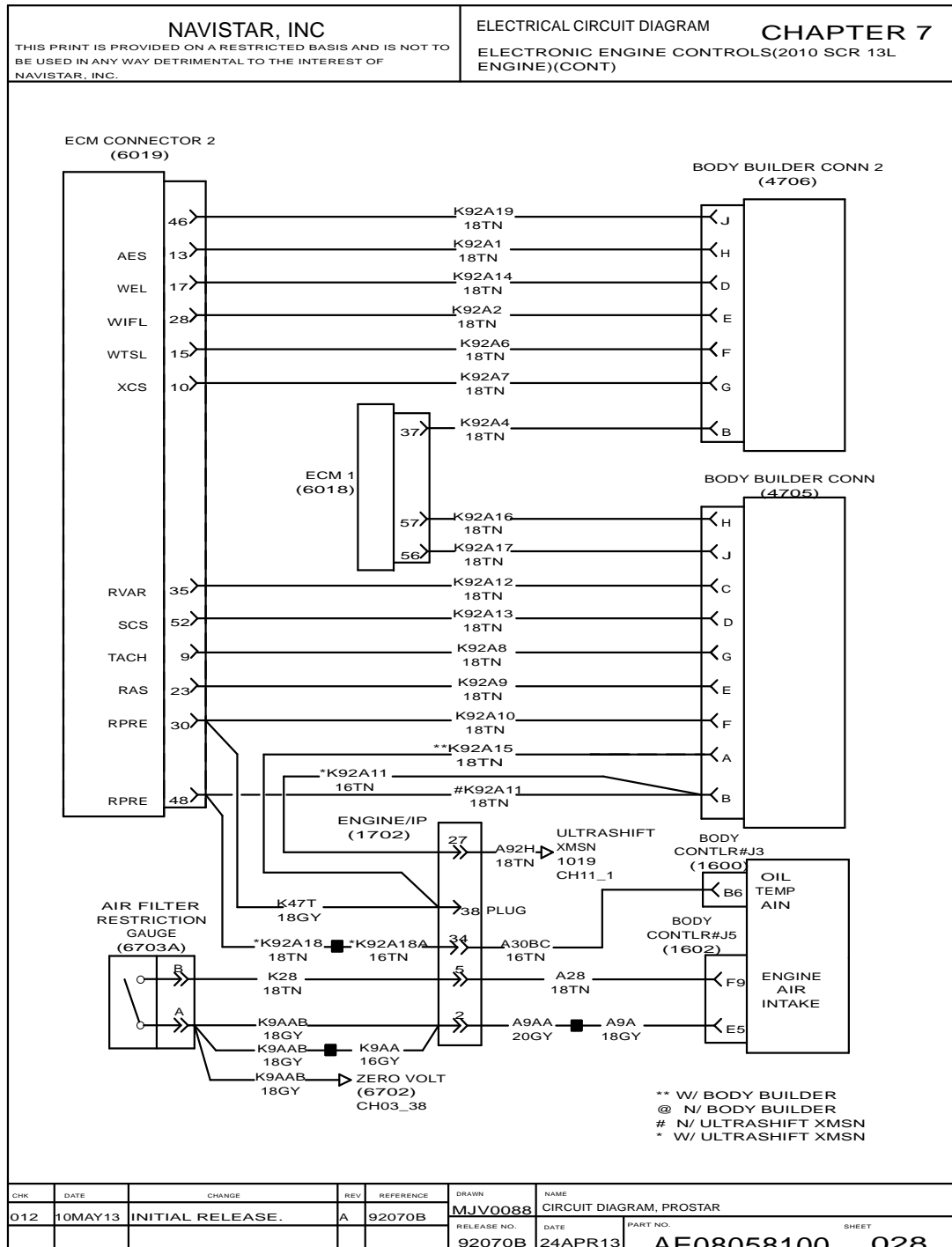


Figure 219 Electronic Engine Controls (2010 SCR 13L Engine) (Cont.)

7.38. ELECTRONIC ENGINE CONTROLS (2010 SCR 13L ENGINE) (CONT.), P. 29

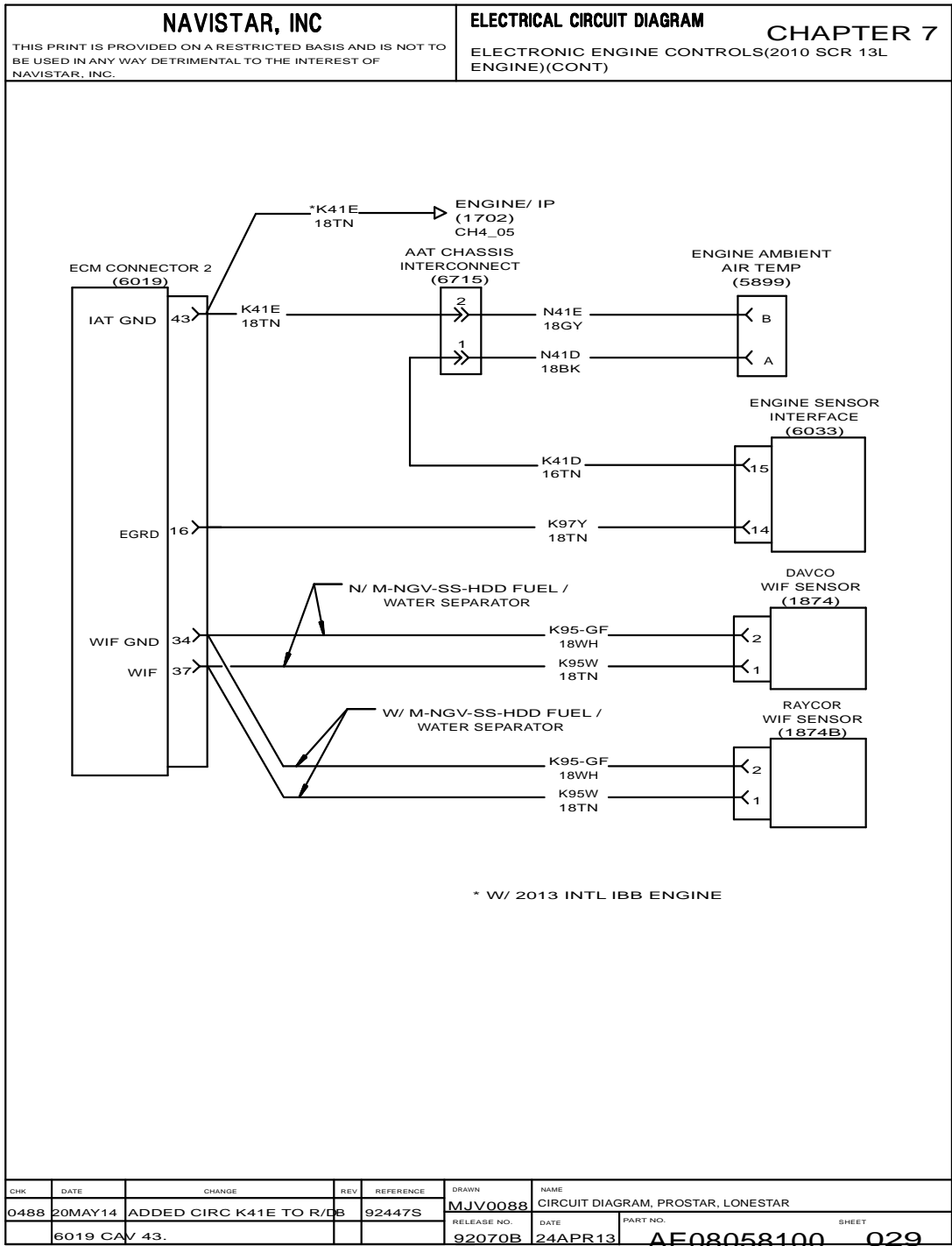


Figure 220 Electronic Engine Controls (2010 SCR 13L Engine) (Cont.)

7.39. ELECTRONIC ENGINE CONTROLS (2010 SCR 13L ENGINE) (CONT.), P. 30

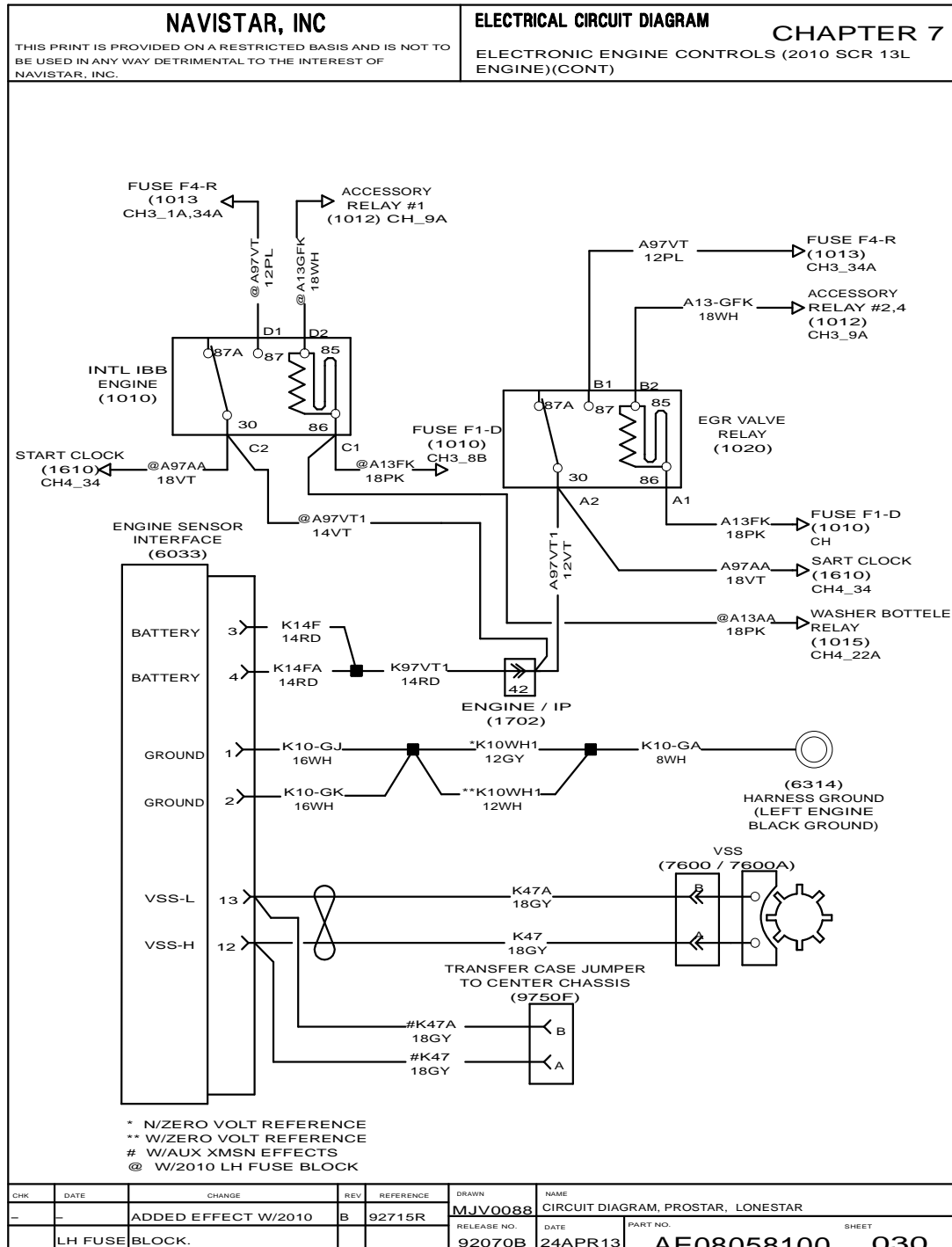


Figure 221 Electronic Engine Controls (2010 SCR 13L Engine) (Cont.)

7.40. DEF AND AFTERTREATMENT (2010 SCR 13L ENG), P. 31

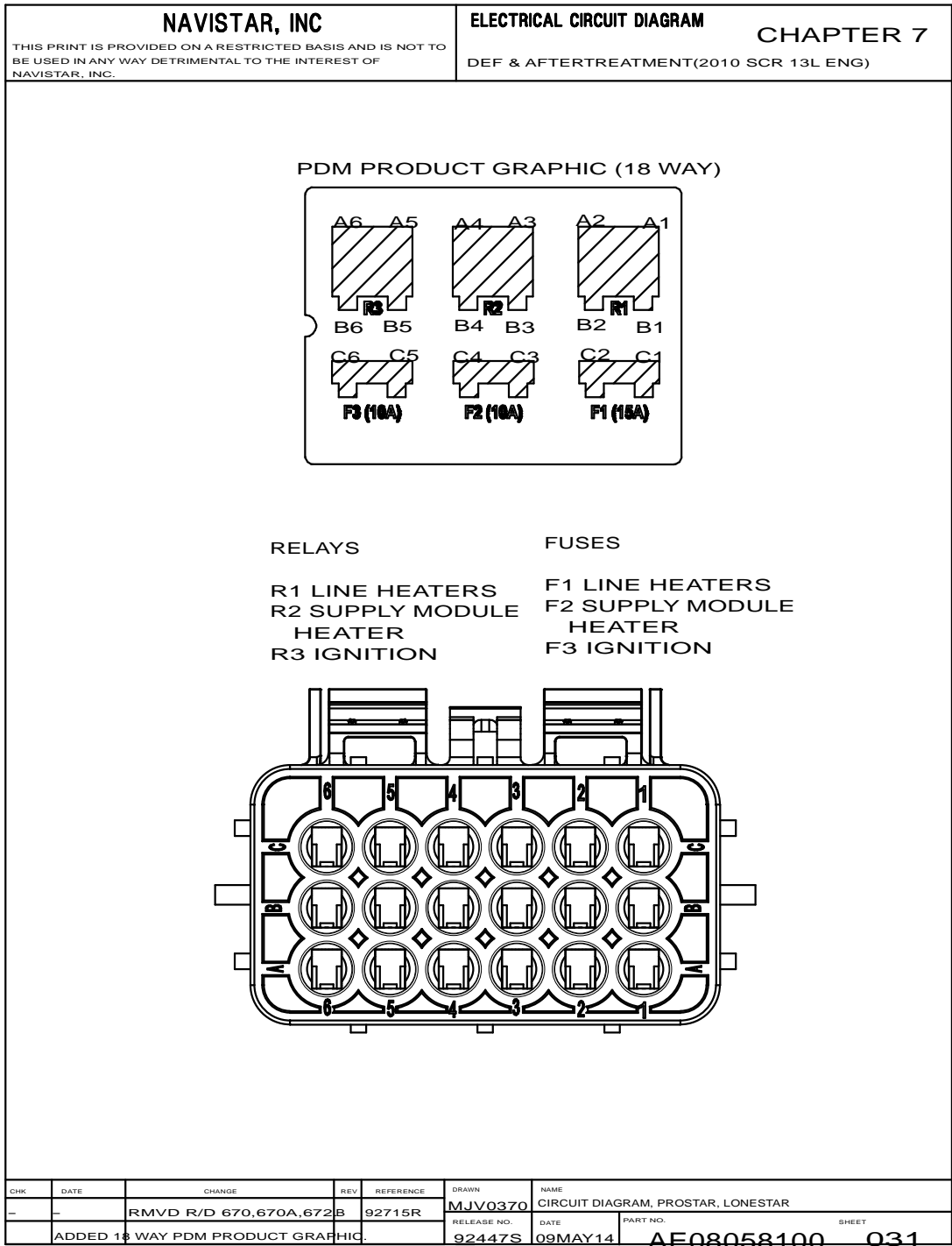


Figure 222 DEF and Aftertreatment (2010 SCR 13L ENG)

7.41. DEF AND AFTERTREATMENT (2010 SCR 13L ENG) (CONT.), P. 32

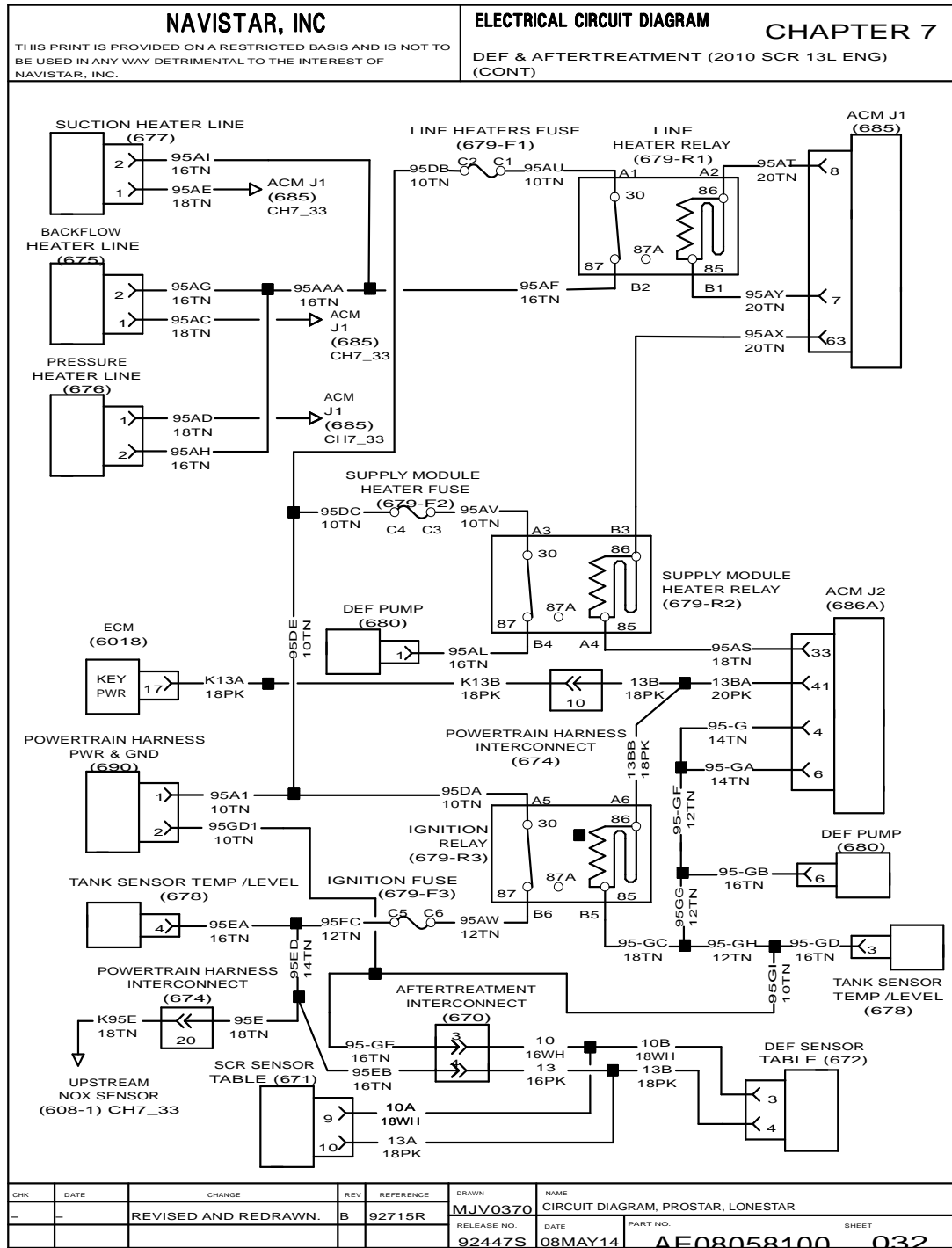


Figure 223 DEF and Aftertreatment (2010 SCR 13L ENG) (Cont.)

7.42. DEF AND AFTERTREATMENT (2010 SCR 13L ENG) (CONT.), P. 33

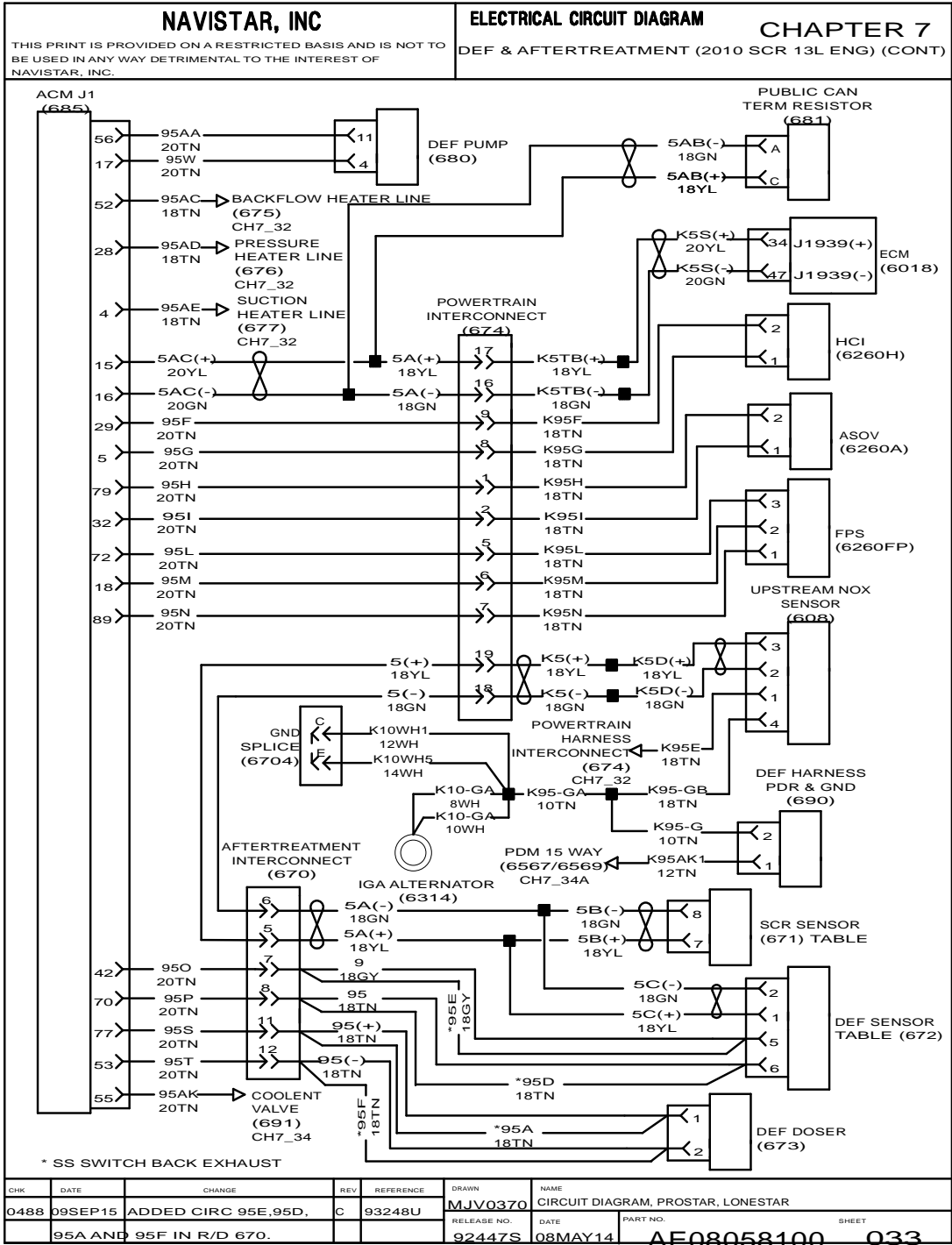


Figure 224 DEF and Aftertreatment (2010 SCR 13L ENG) (Cont.)

7.43. DEF AND AFTERTREATMENT (2010 SCR 13L ENG) (CONT.), P. 34

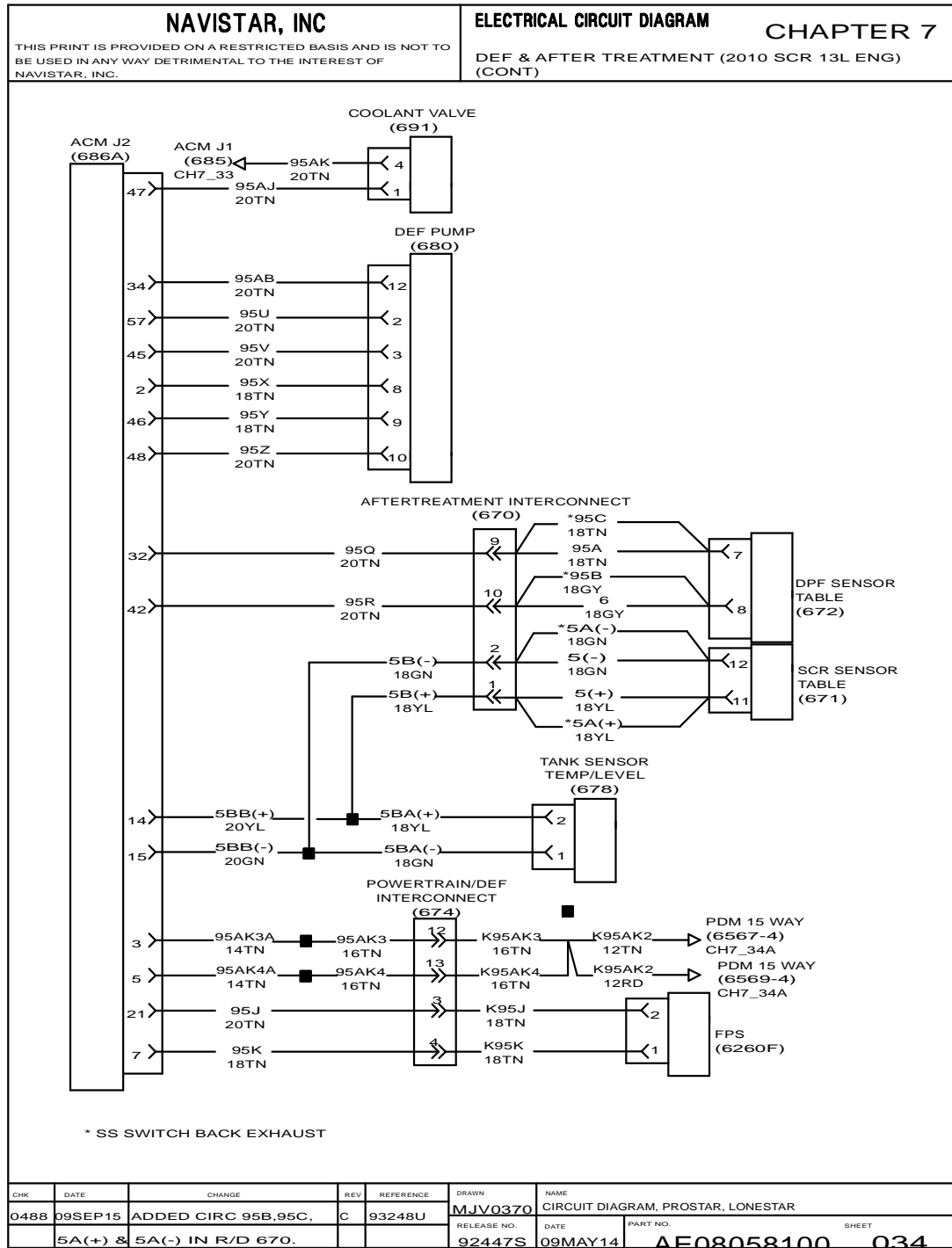


Figure 225 DEF and Aftertreatment (2010 SCR 13L ENG) (Cont.)

7.44. DEF AND AFTERTREATMENT (2010 SCR 13L ENG) (CONT.), P. 34A

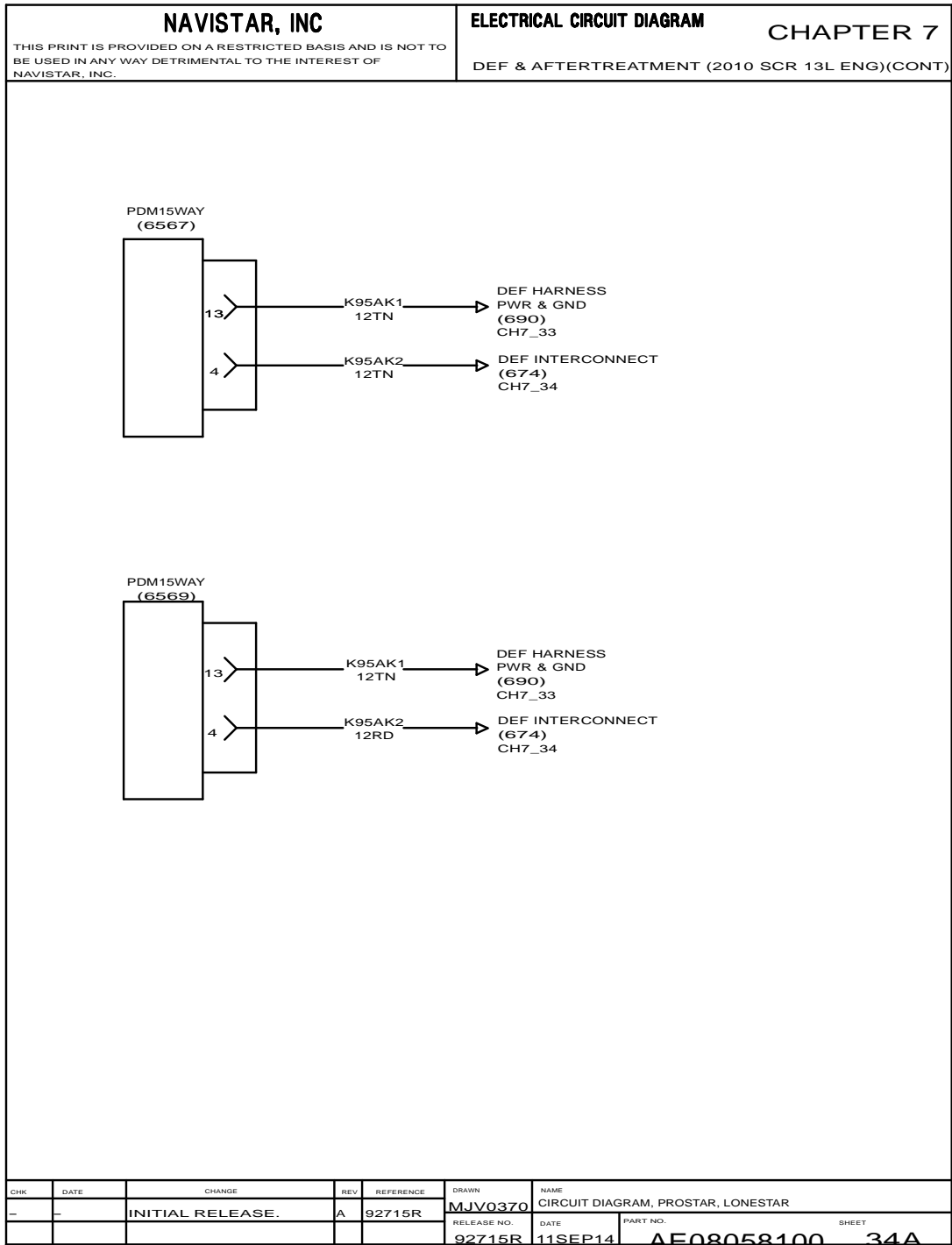


Figure 226 DEF and Aftertreatment (2010 SCR 13L ENG) (Cont.)



7.45. CAB J1939 DATA LINK (2010 SCR 13L ENG), P. 35

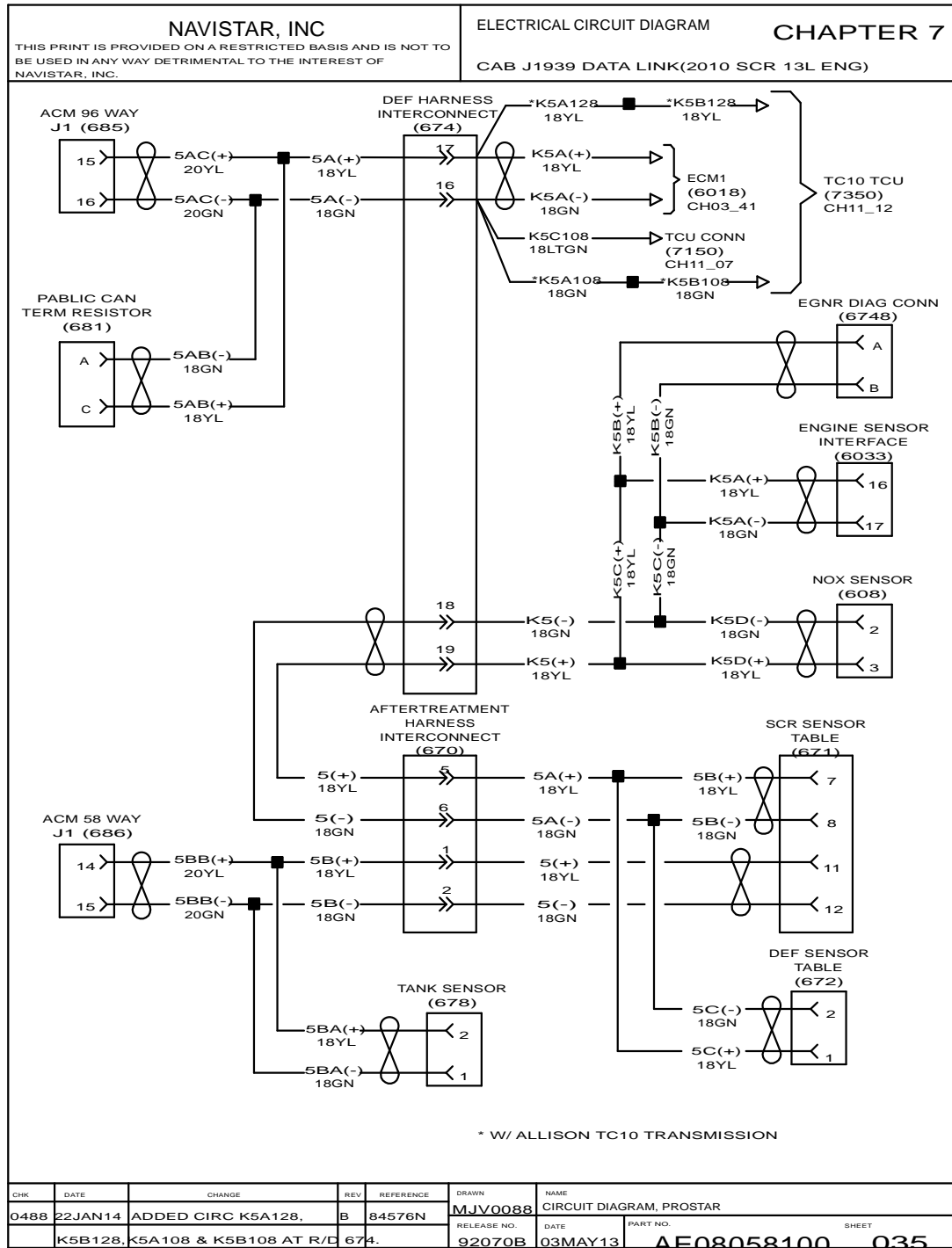


Figure 227 Cab J1939 Data Link (2010 SCR 13L ENG)

7.46. INTENTIONALLY LEFT BLANK P. 36

NAVISTAR, INC <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM ENGINE		CHAPTER 7	
<h1>INTENTIONALLY LEFT BLANK</h1>							
CHK	DATE	CHANGE	REV	REVISION	DRAWN	NAME	
	CHAPTER 7.				REVISION	DATE	(PART) AE08058100 SHEET 036

Figure 228 Intentionally Left Blank

7.47. INTENTIONALLY LEFT BLANK, P. 37

<p><b>NAVISTAR, INC</b></p> <p><small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small></p>				<p>ELECTRICAL CIRCUIT DIAGRAM <b>CHAPTER 7</b></p> <p>ENGINE</p>			
<p><b>INTENTIONALLY LEFT BLANK</b></p>							
CHK	DATE	CHANGE	PKY	REFERENCE	DRAWN	TUNER	
				RELEASE NO.	DATE	DRAWING NO. <b>AE08058100</b> SHEET <b>037</b>	

Figure 229 Intentionally Left Blank

7.48. INTENTIONALLY LEFT BLANK, P. 38

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<h1>INTENTIONALLY LEFT BLANK</h1>							
CHK	DATE	CHANGE	REF	REFERENCE	ISSUED	REVISED	
					RELEASED	DATE	PART NO. <b>AE08058100</b> SHEET <b>038</b>

Figure 230 Intentionally Left Blank

7.49. INTENTIONALLY LEFT BLANK, P. 39

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<p><b>INTENTIONALLY LEFT BLANK</b></p>							
CHK	DATE	CHANGE	BY	REFERENCE	DRAWN	TUNED	
				RELEASE NO.	DATE	PART NO. <b>AE08058100</b>	
						SHEET <b>039</b>	

Figure 231 Intentionally Left Blank

7.50. INTENTIONALLY LEFT BLANK, P. 40

<p><b>NAVISTAR, INC</b></p> <p><small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small></p>				<p>ELECTRICAL CIRCUIT DIAGRAM <b>CHAPTER 7</b></p> <p>ENGINE</p>				
<p><b>INTENTIONALLY LEFT BLANK</b></p>								
CHK	DATE	CHANGE	REF	REFERENCE	DRAWN	FLUID		
					RELEASED	DATE	PART NO.	SHEET
							<b>AE08058100</b>	<b>040</b>

Figure 232 Intentionally Left Blank

7.51. ELECTRONIC ENGINE CONTROLS WITH F-2013 ISX ENGINE, P. 41

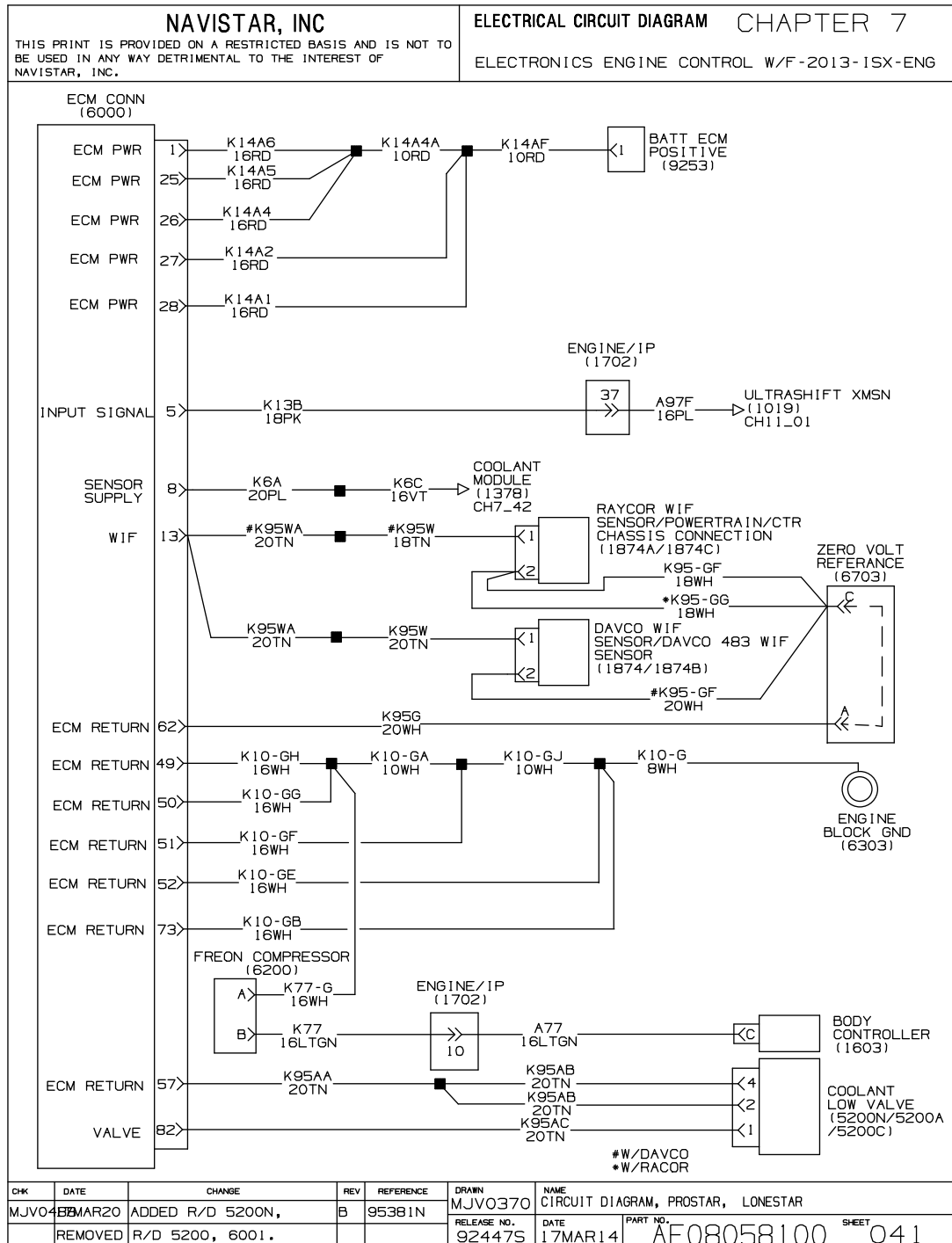


Figure 233 Electronic Engine Controls with F-2013 ISX Engine

7.52. ELECTRONIC ENGINE CONTROLS WITH F-2013 ISX ENGINE (CONT.), P. 42

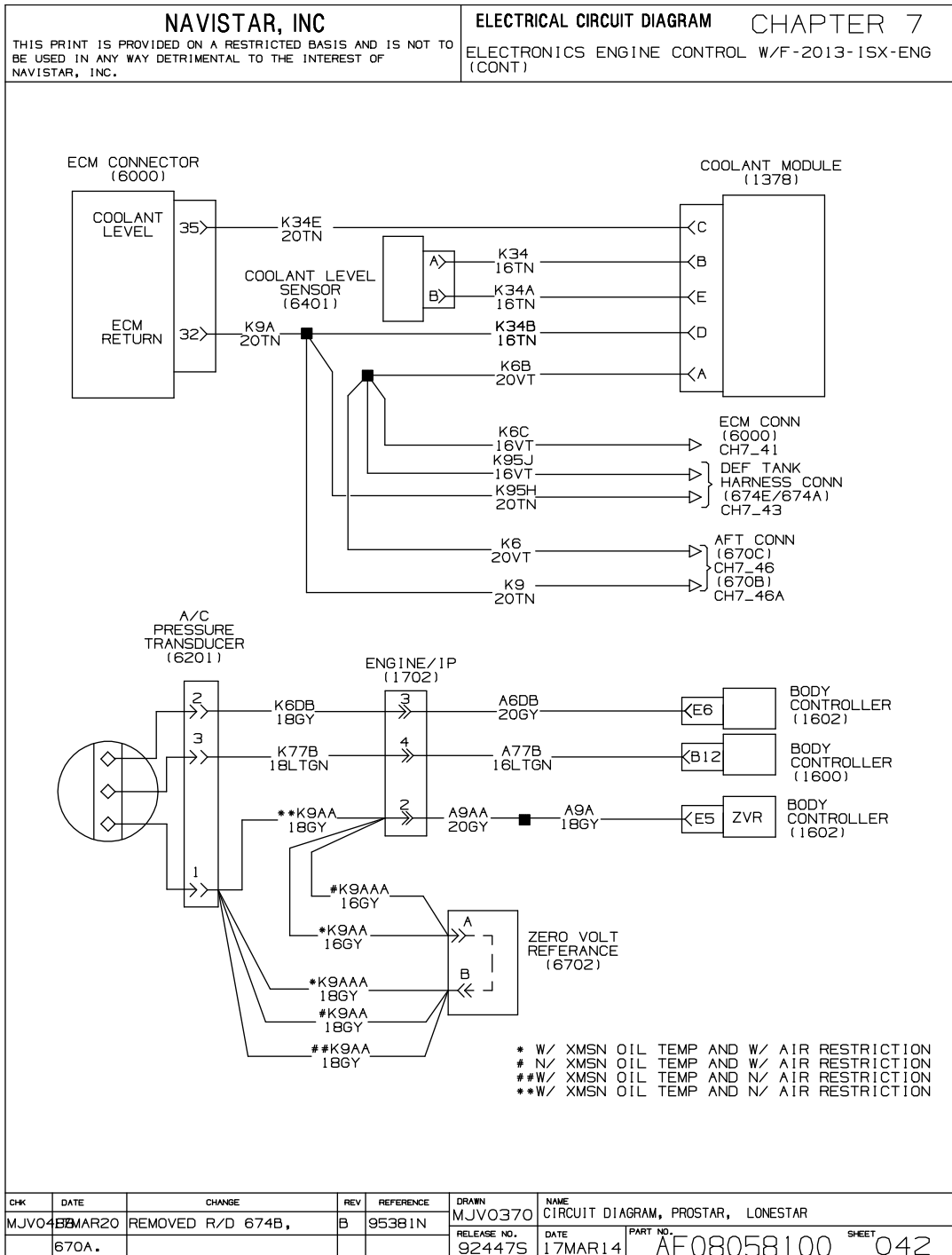


Figure 234 Electronic Engine Controls with F-2013 ISX Engine (Cont.)



7.53. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE, P. 43

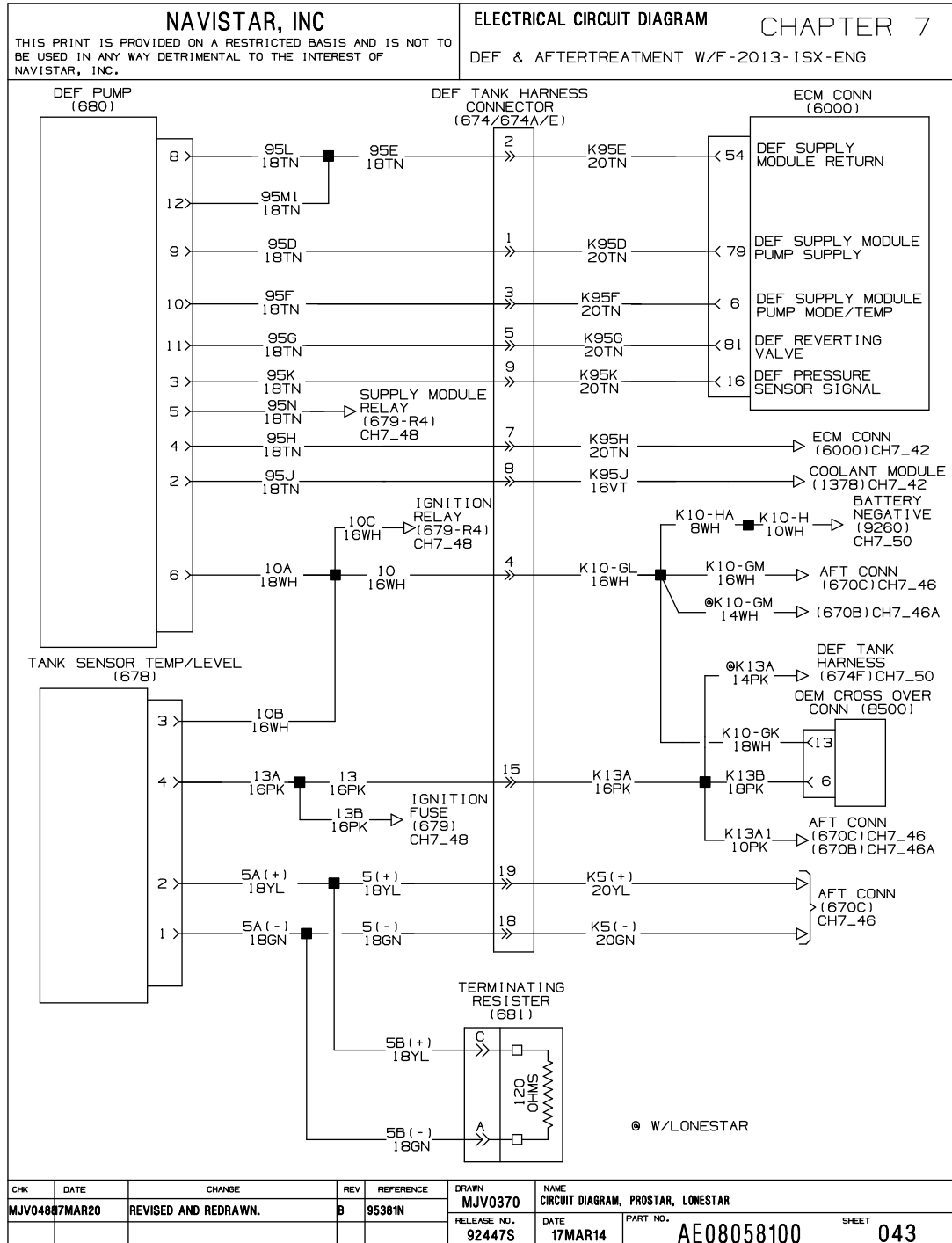


Figure 235 DEF & Aftertreatment with F-2013 ISX Engine

7.54. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE (CONT.), P. 44

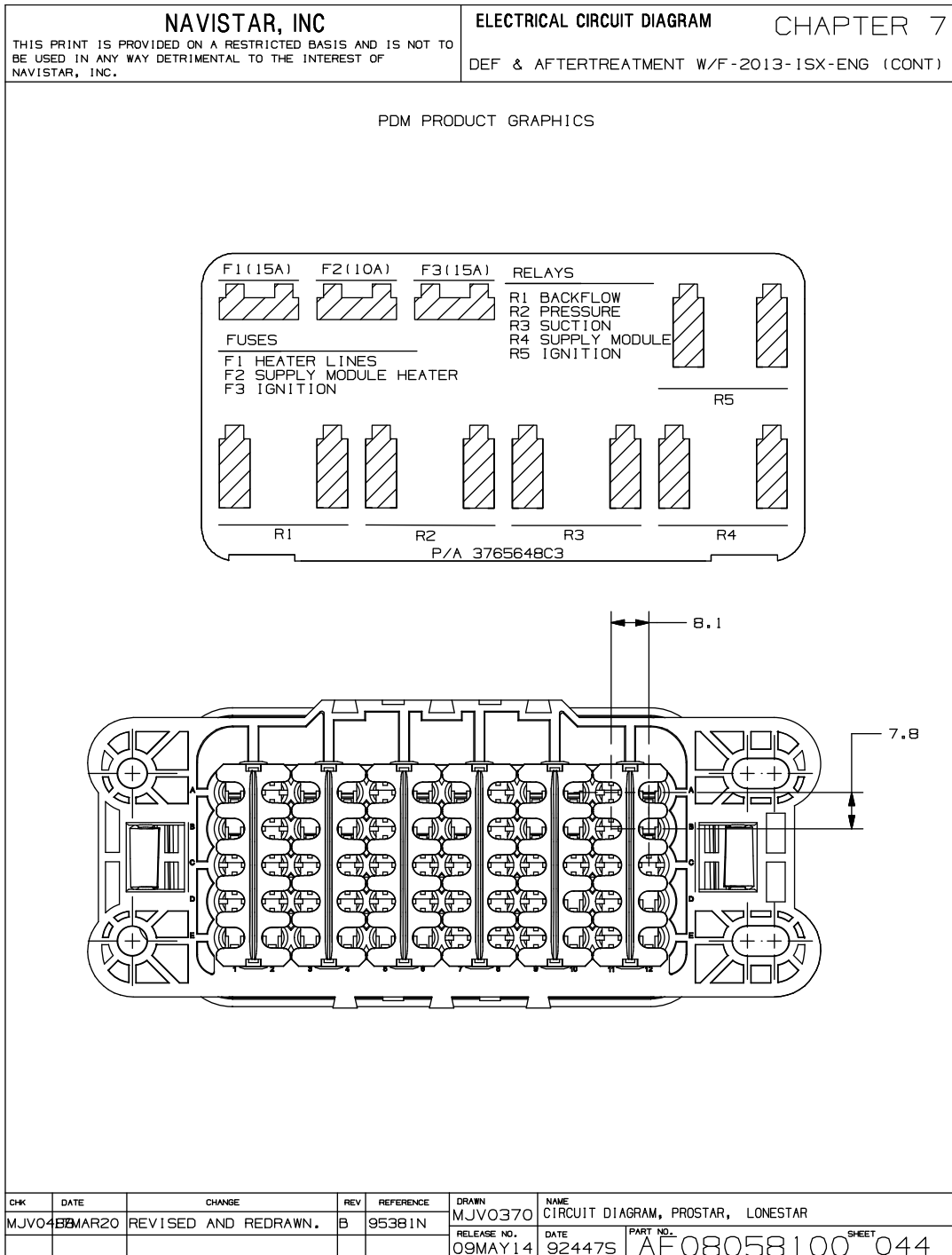


Figure 236 DEF & Aftertreatment with F-2013 ISX Engine (Cont.)

7.55. INTENTIONALLY LEFT BLANK, P. 45

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 7</b>	
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INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
MJV04	17MAR20	REMOVED GEOMETRY.	B	95381N	MJV0370	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
					RELEASE NO.	DATE	PART NO.
					92447S	17MAR14	AE08058100
							SHEET 045

Figure 237 Intentionally Left Blank

7.56. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE, P. 46

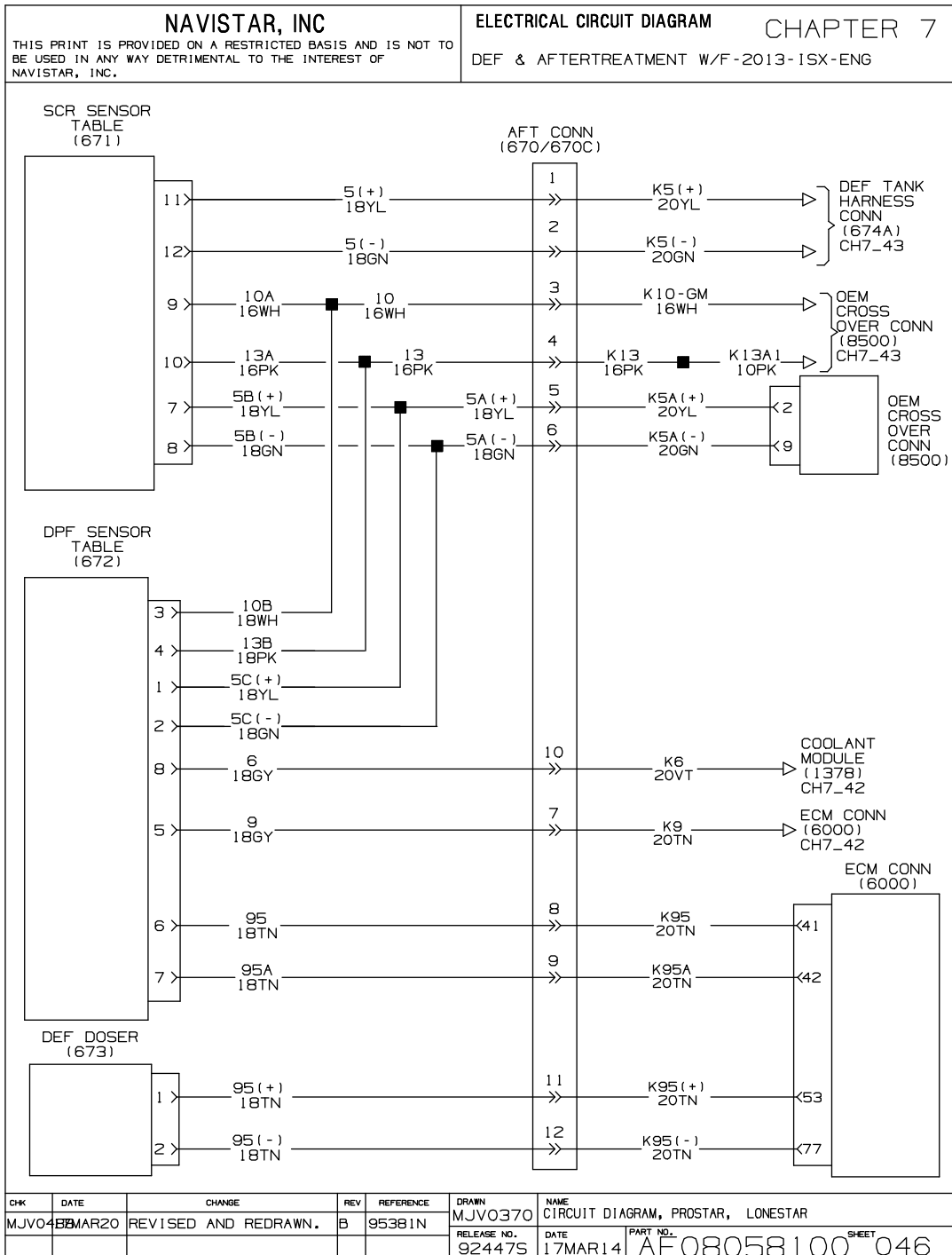


Figure 238 DEF & Aftertreatment with F-2013 ISX Engine

7.57. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE (CONT.), P. 46A

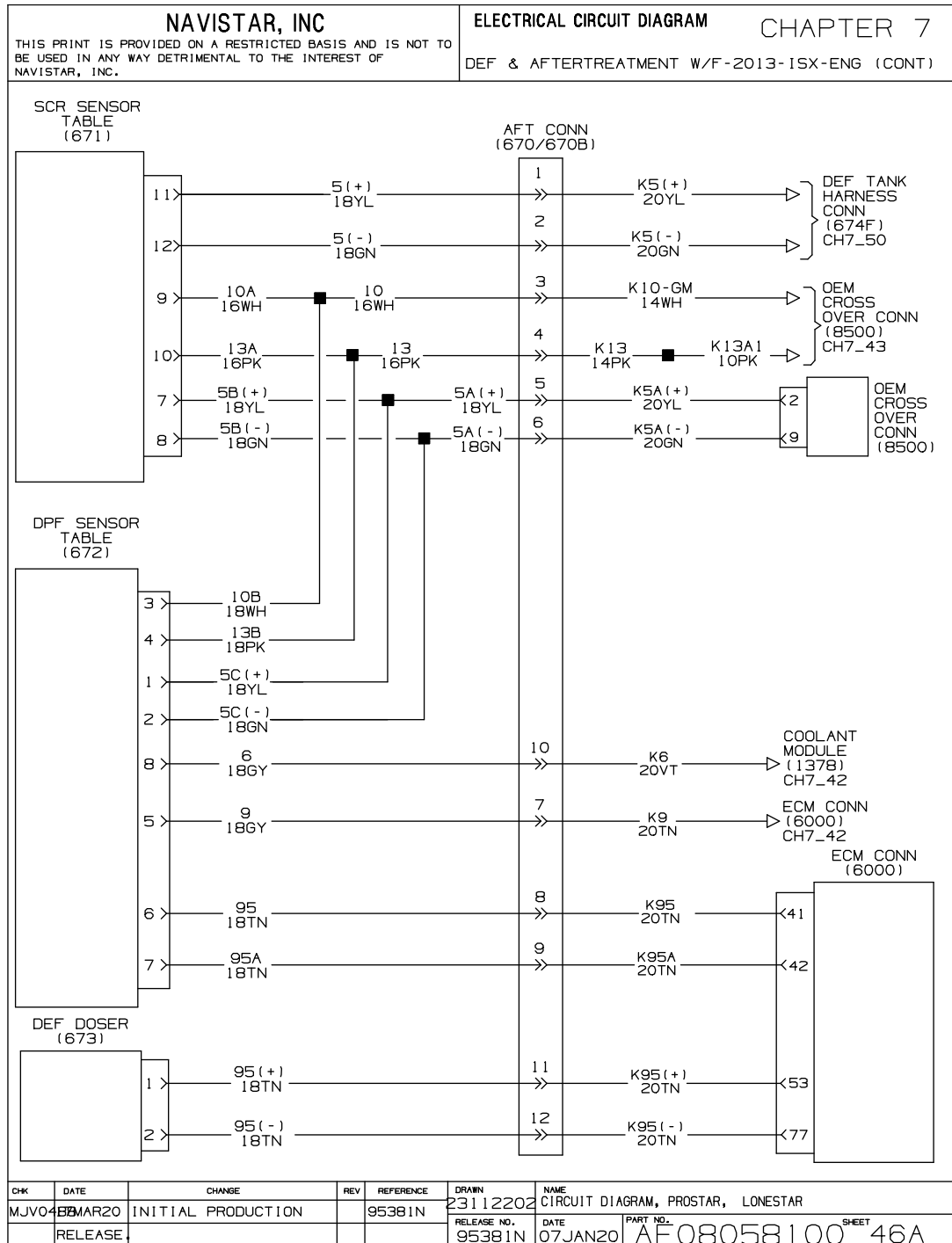


Figure 239 DEF & Aftertreatment with F-2013 ISX Engine (Cont.)

7.58. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE (CONT.), P. 47

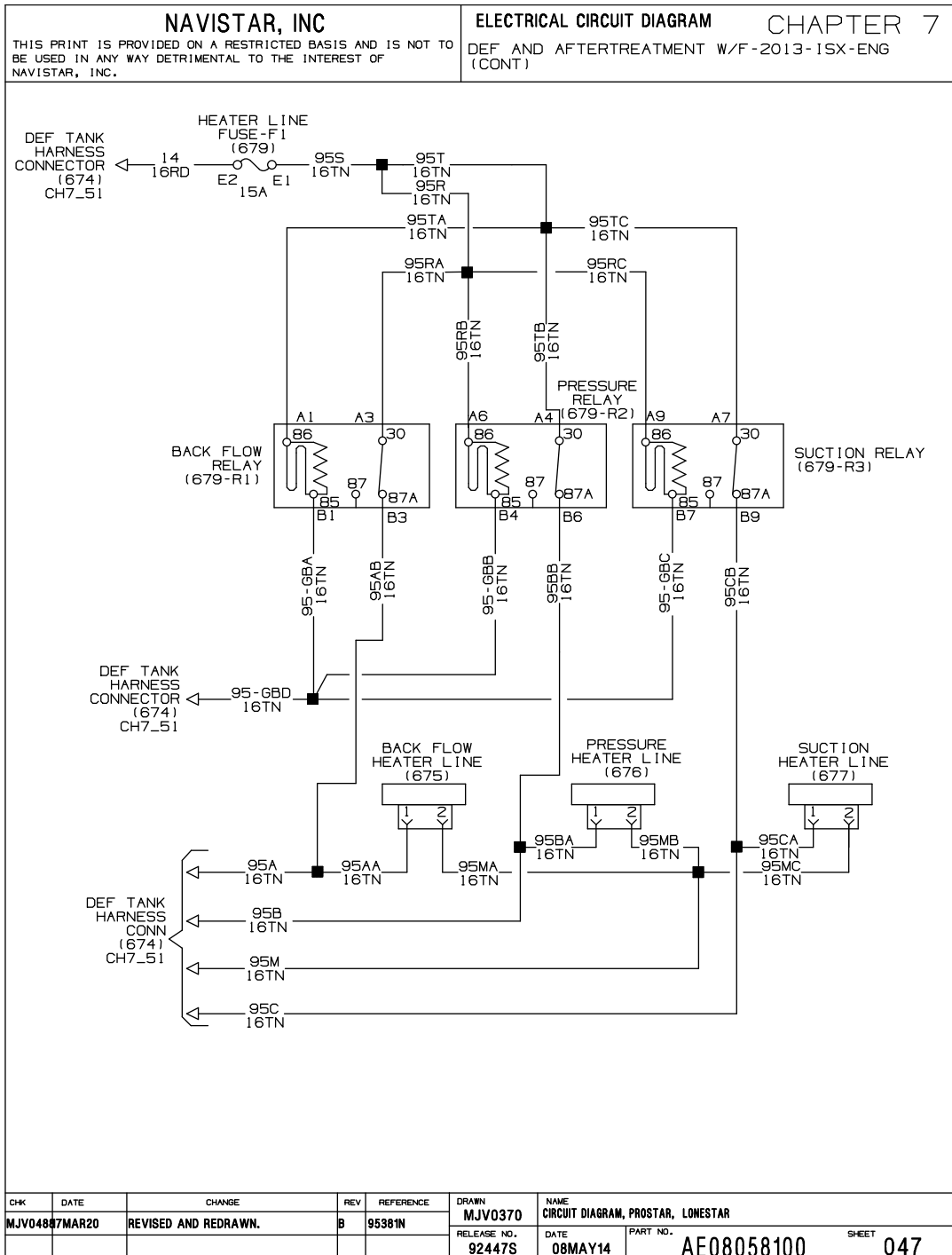


Figure 240 DEF & Aftertreatment with F-2013 ISX Engine (Cont.)

7.59. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE (CONT.), P. 48

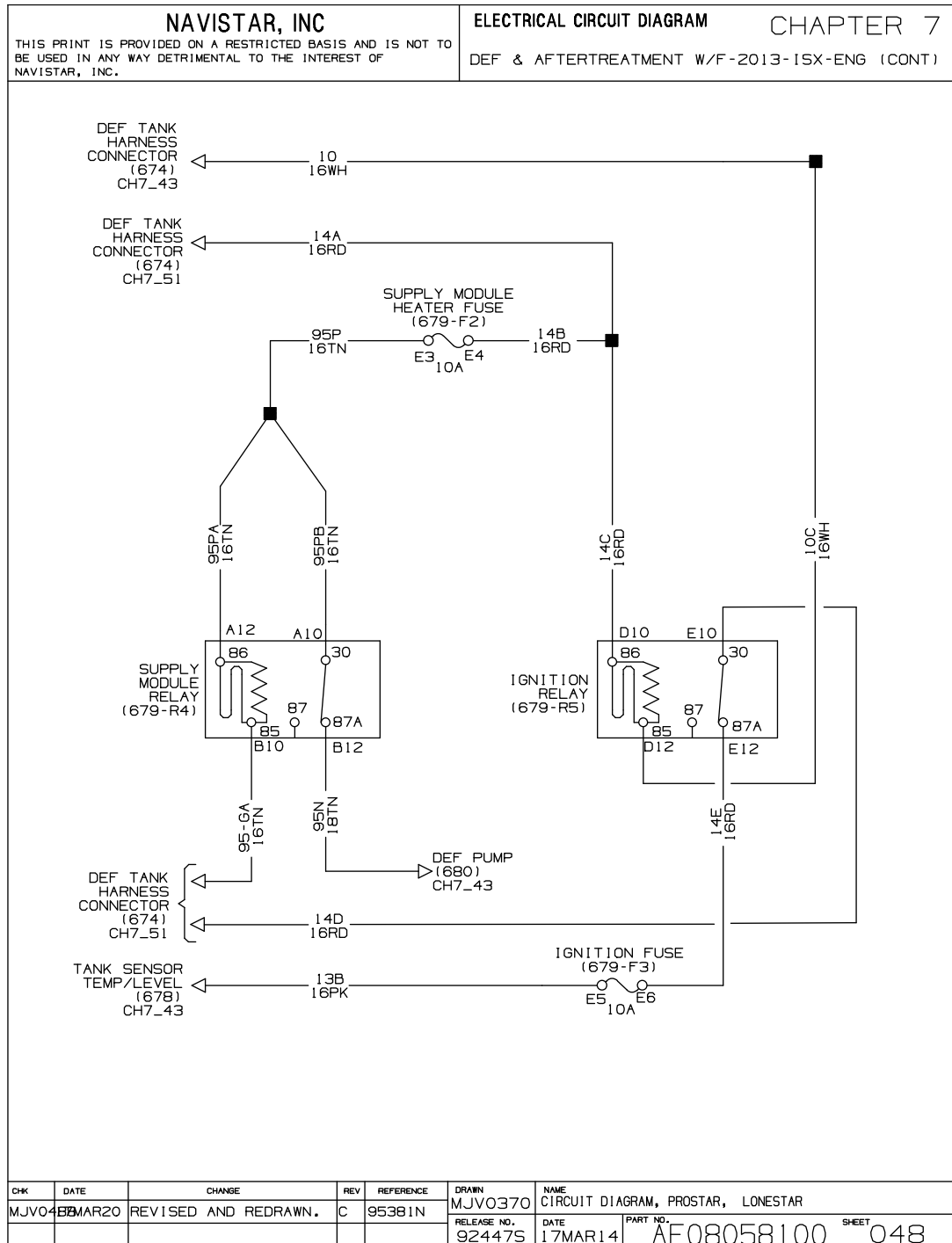


Figure 241 DEF & Aftertreatment with F-2013 ISX Engine (Cont.)

7.60. ACCELERATOR PEDAL MODULE F-2013 ISX ENGINE, P. 49

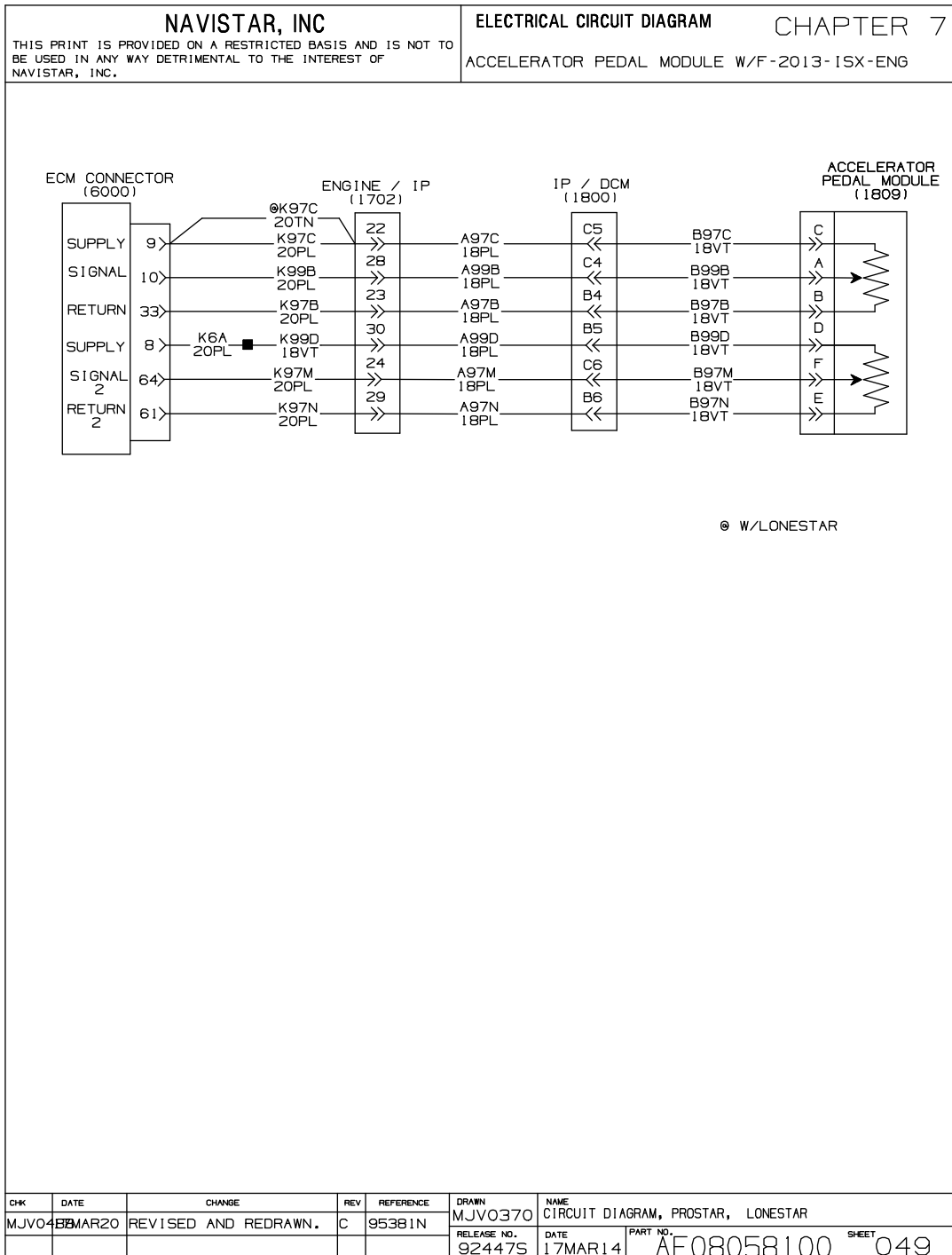


Figure 242 Accelerator Pedal Module F-2013 ISX Engine



7.61. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE, P. 50

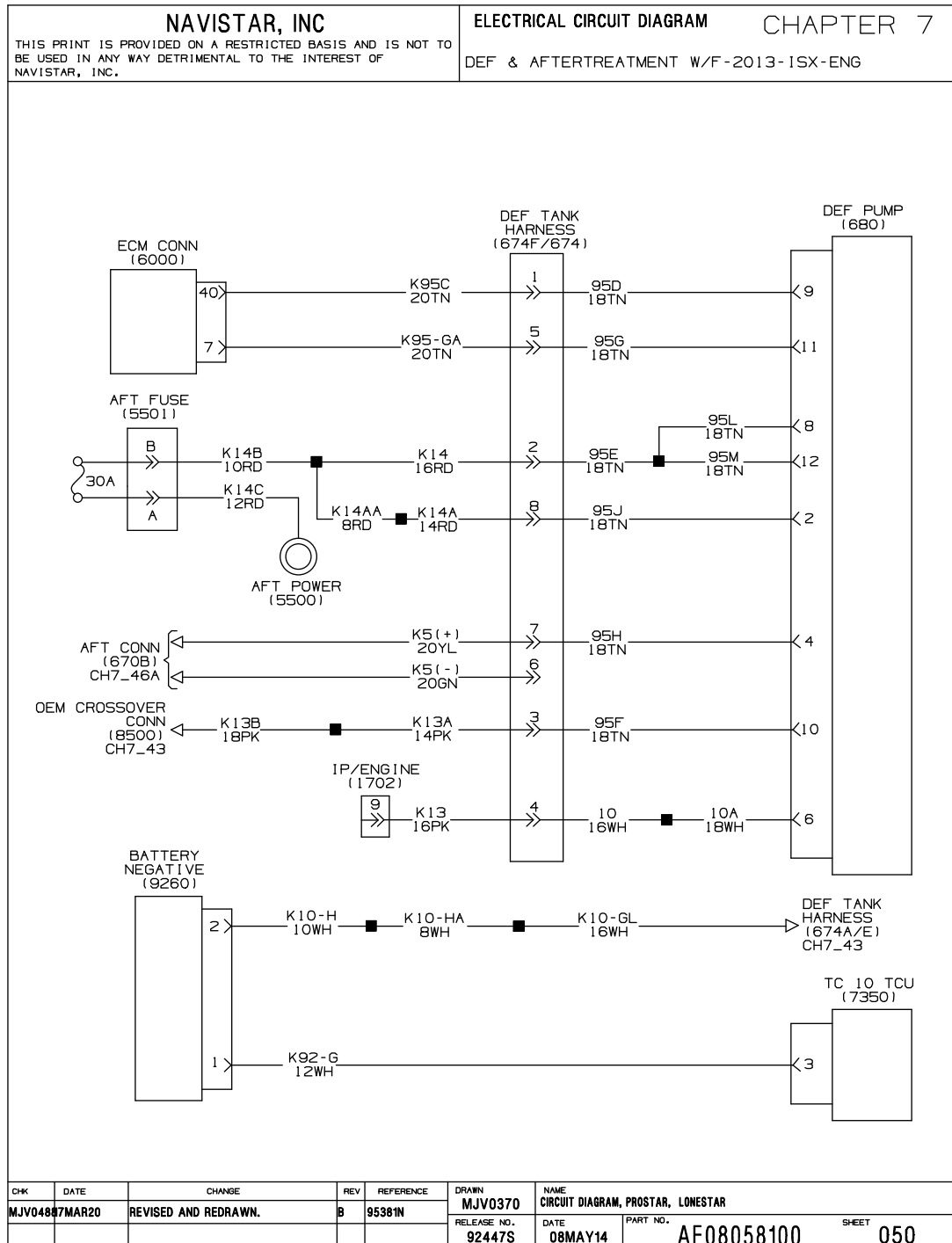


Figure 243 DEF & Aftertreatment with F-2013 ISX Engine

7.62. DEF & AFTERTREATMENT WITH F-2013 ISX ENGINE (CONT.), P. 51

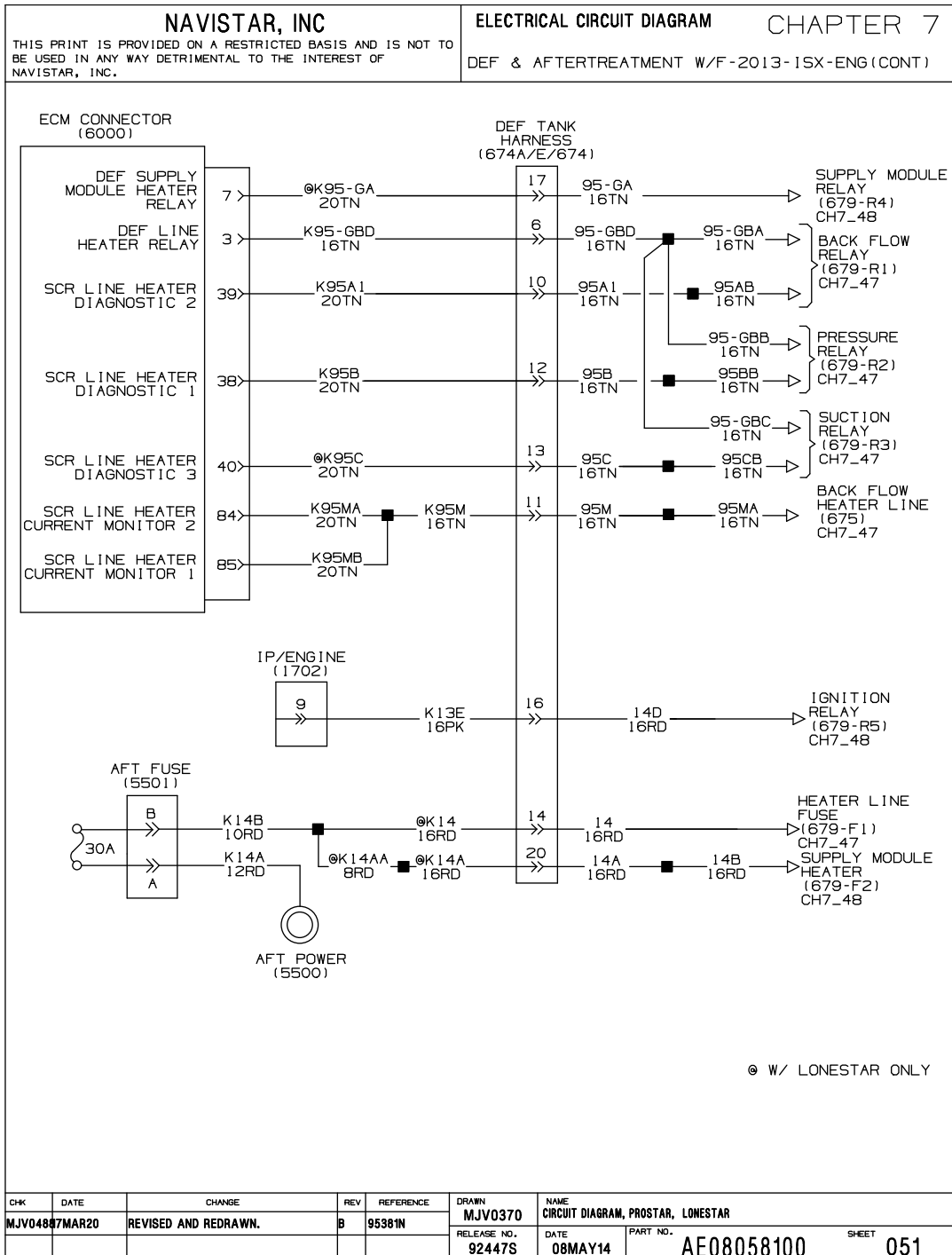


Figure 244 DEF & Aftertreatment with F-2013 ISX Engine (Cont.)

# GAUGES AND WARNING LIGHTS (CHAPTER 8)

## 8.1. AIR PRESSURE INPUT CIRCUIT AND AIR RESTRICTION GAUGE, P. 1

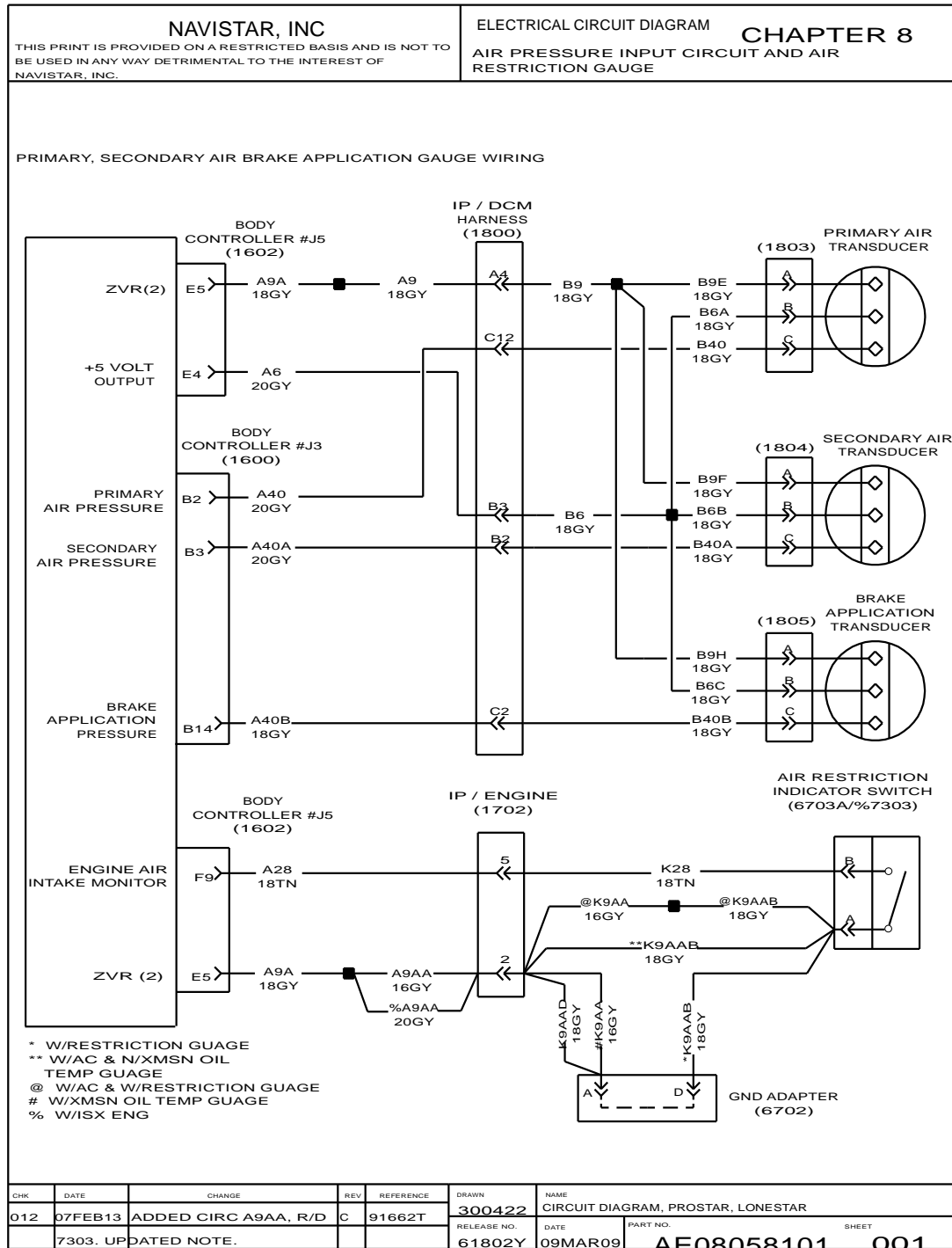


Figure 245 Air Pressure Input Circuit and Air Restriction Gauge

8.2. AXLE TEMPERATURE GAUGES, P. 2

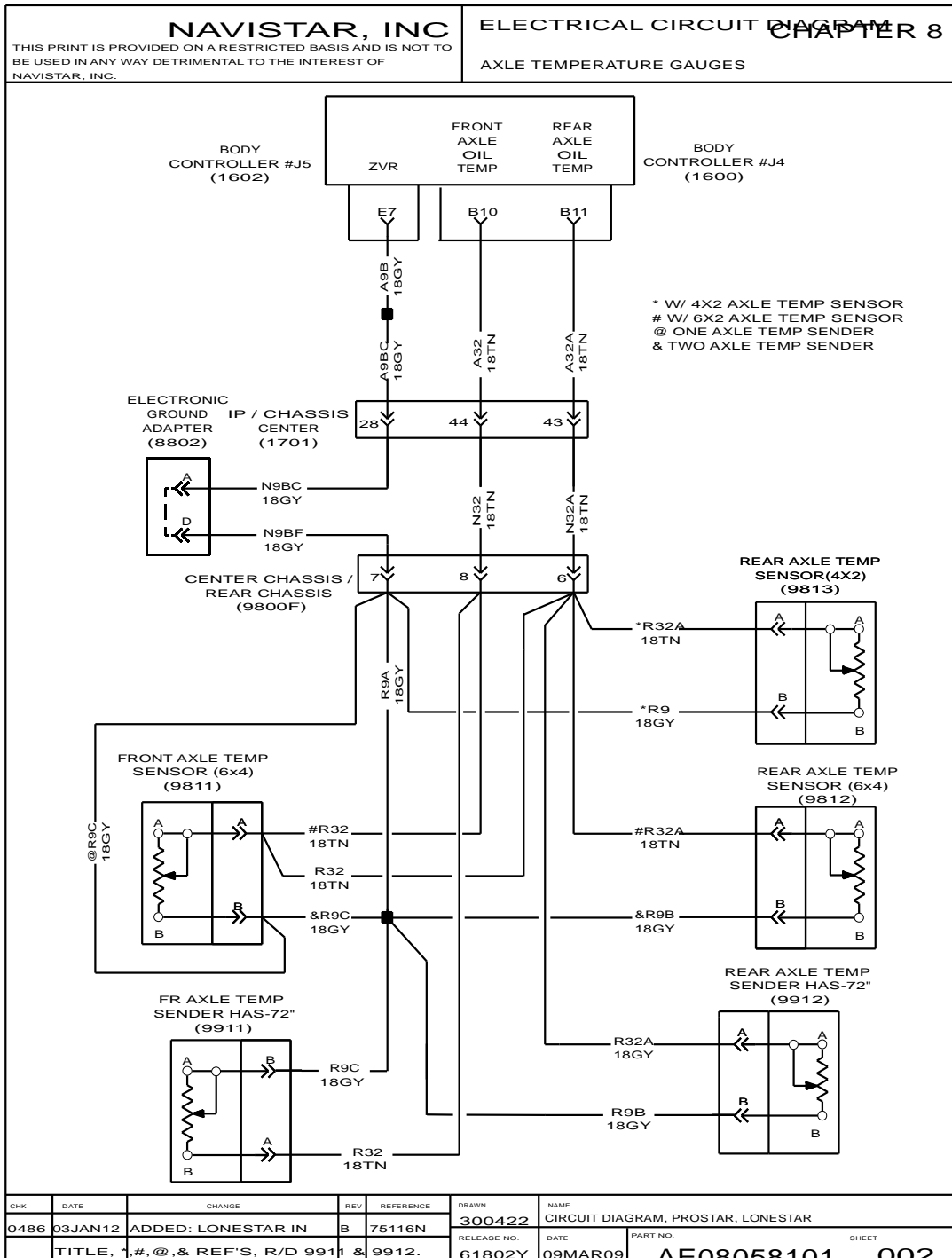


Figure 246 Axle Temperature Gauges

**8.3. ENGINE OIL PRESSURE AND TEMPERATURE, SPEEDOMETER, TACHOMETER, VOLTMETER AND WATER TEMPERATURE GAUGES, P. 3**

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM 8</b>				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CHAPTER 8 ENGINE OIL PRESSURE AND TEMP, SPEEDO, TACH, VOLTMETER AND WATER TEMP GAUGE				
<p>REFER TO CONSOLIDATED ENGINE / VEHICLE CONTROLLER DIAGNOSTICS MANUAL FOR CIRCUIT DIAGRAMS SHOWING INPUT CIRCUITRY FOR THE FOLLOWING DATALINK DRIVEN SYSTEM:</p> <p>ENGINE OIL PRESSURE GAUGE</p> <p>ENGINE OIL TEMPERATURE GAUGE</p> <p>SPEEDOMETER GAUGE</p> <p>TACHOMETER GAUGE</p> <p>WATER TEMPERATURE GAUGE</p>								
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
0486	30DEC11	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR		
					RELEASE NO.	DATE	PART NO.	SHEET
					61802Y	09MAR09	AE08058101	003

**Figure 247 Engine Oil Pressure and Temperature, Speedometer, Tachometer, Voltmeter and Water Temperature Gauges**

8.4. ENGINE OIL AND TRANSMISSION OIL TEMPERATURE GAUGE, P. 4

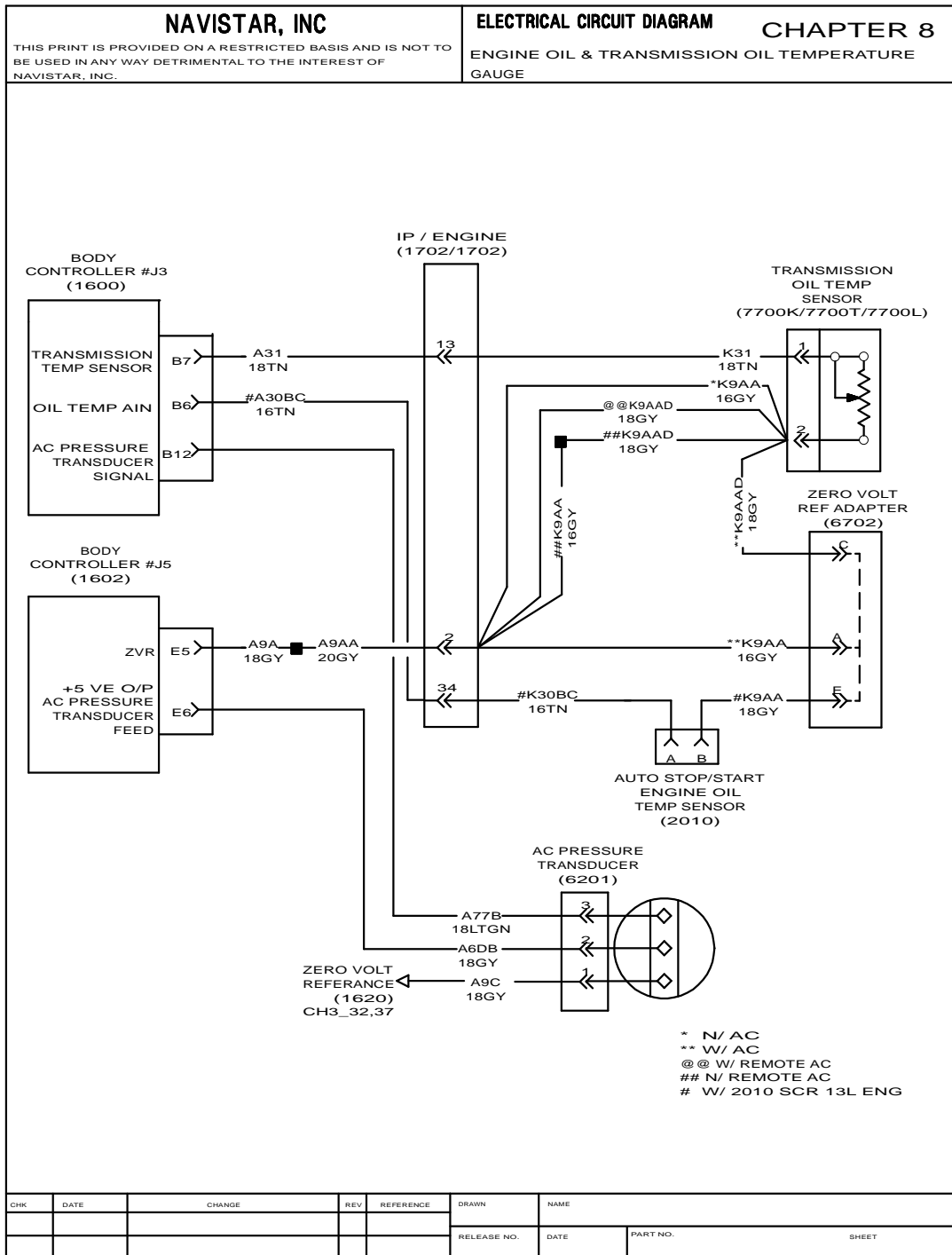


Figure 248 Engine Oil and Transmission Oil Temperature Gauge

8.5. FUEL HEATER, P. 5

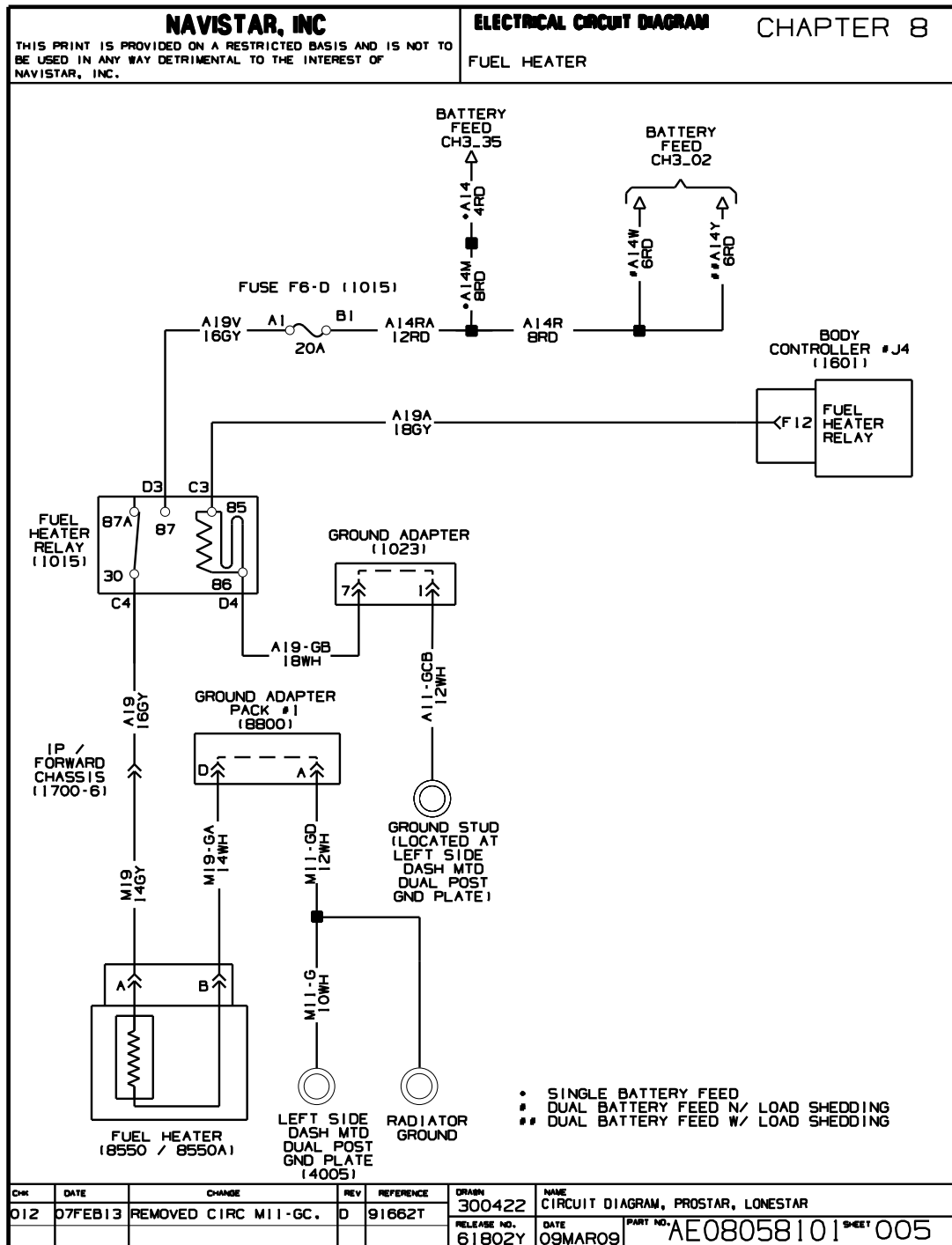


Figure 249 Fuel Heater

8.6. FUEL HEATER (CONT.), P. 5A

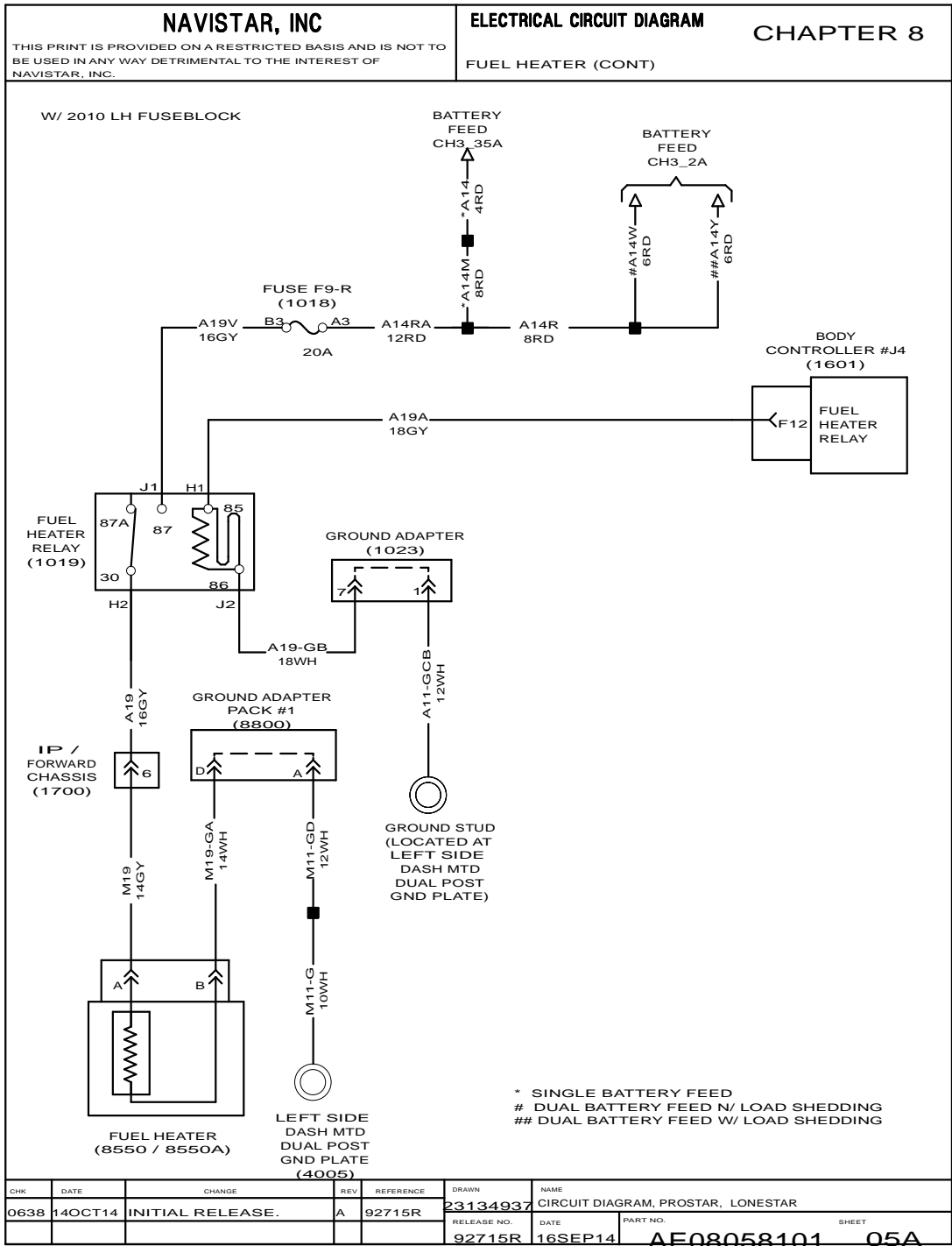


Figure 250 Fuel Heater (Cont.)



8.7. DIFFERENTIAL LOCK AND OPTIONAL INDICATOR, P. 6

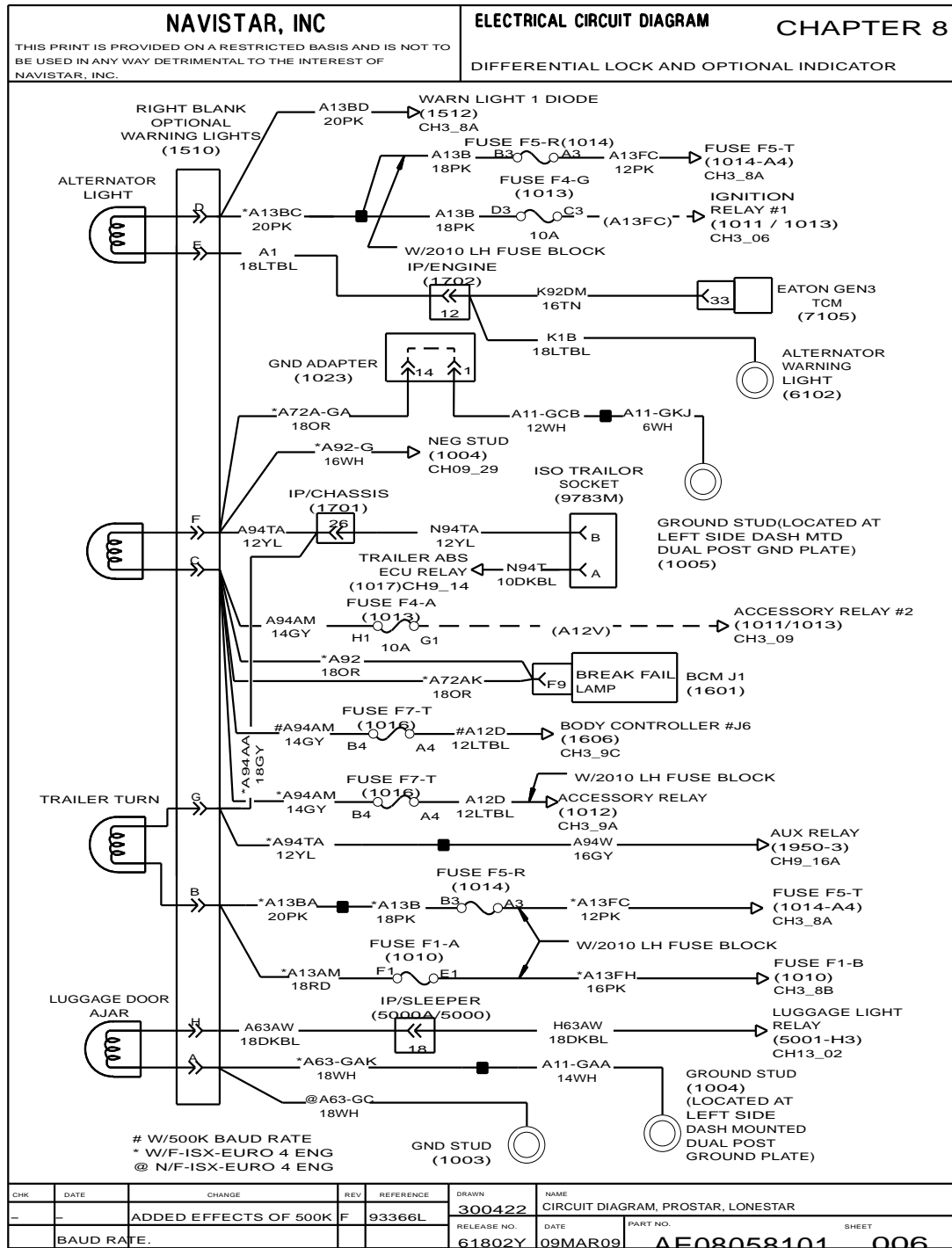


Figure 251 Differential Lock and Optional Indicator

8.8. DIFFERENTIAL LOCK AND OPTIONAL INDICATOR (CONT.), P. 7

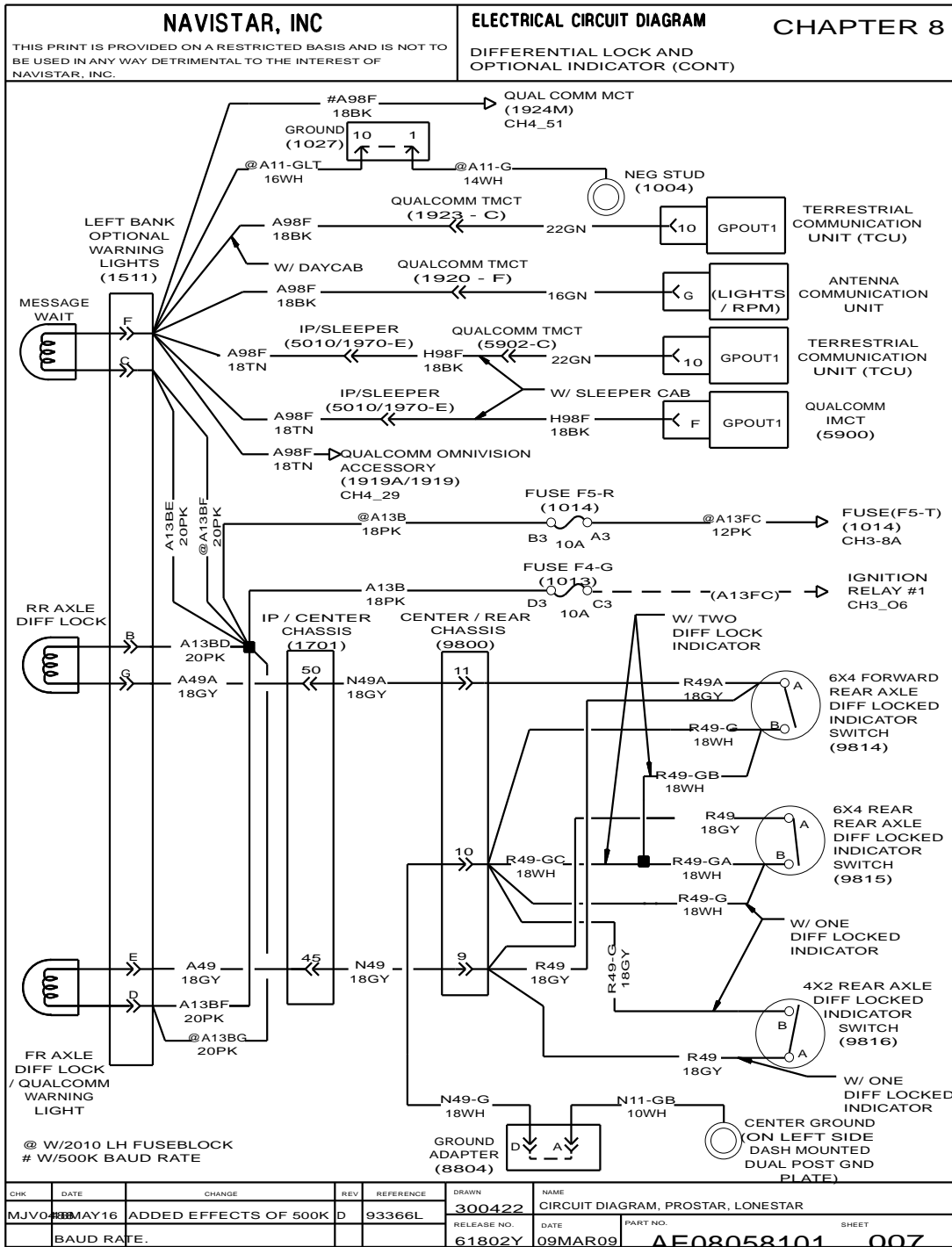


Figure 252 Differential Lock and Optional Indicator (Cont.)

8.9. DIFFERENTIAL LOCK AND OPTIONAL INDICATOR (CONT.), P. 8

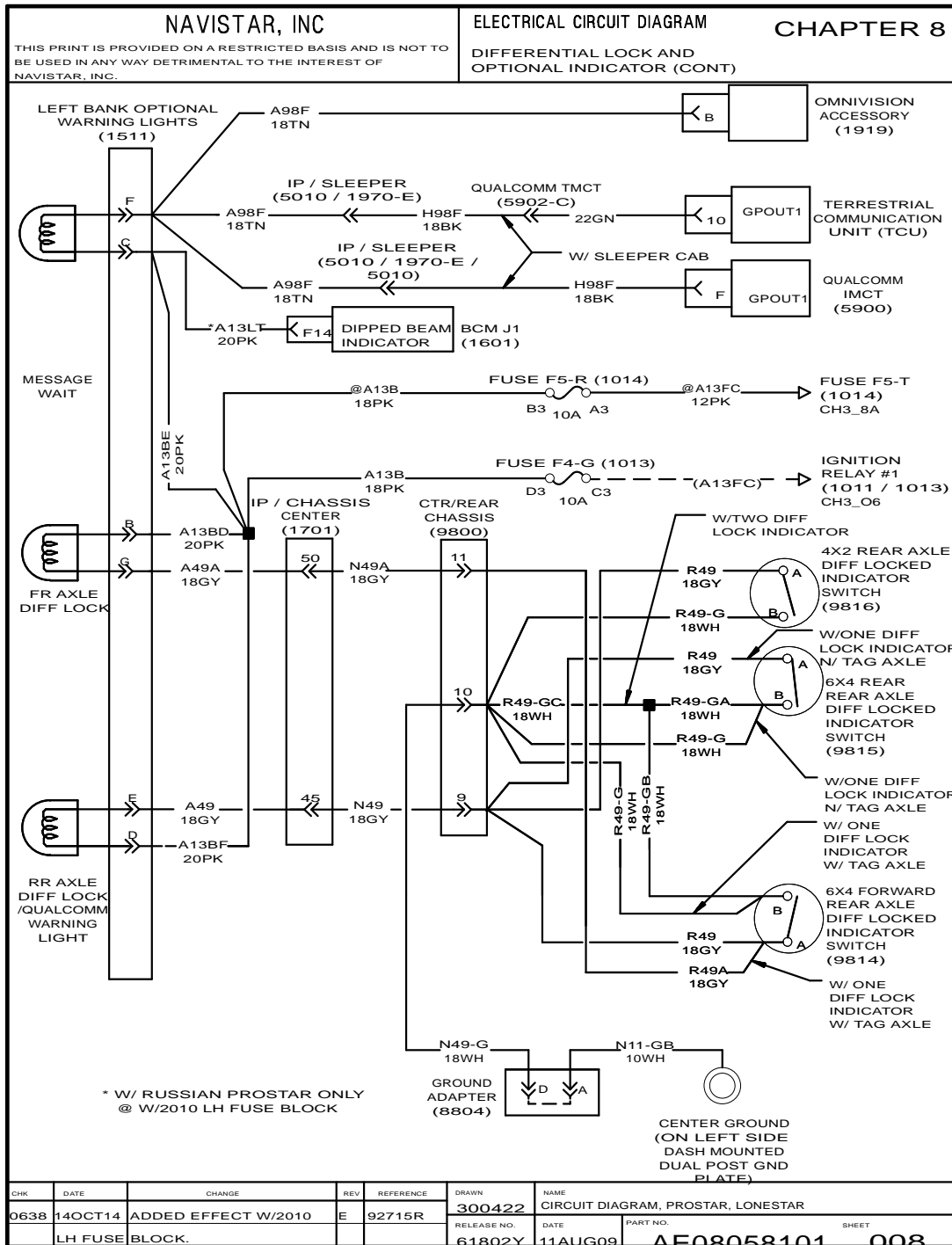


Figure 253 Differential Lock and Optional Indicator (Cont.)

8.10. IP / GAUGES, P. 9

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 8</b>			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				IP / GAUGES			

INSTRUMENT PANEL GAUGE CLUSTER			
GAUGE	WARN LIGHT	SIGNAL PATH	SENSOR LOCATION
RPM (TACH)	NO	ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER	ENGINE
MPH/KPH (SPD)	NO	ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION
FUEL	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	FUEL TANK
VOLT	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	-
AIR 1 (PRES)	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	DRIVER CONTROL MODULE
AIR 2 (PRES)	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	DRIVER CONTROL MODULE
WATER (TEMP)	YES	ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER	ENGINE
ENG OIL (TEMP)	YES	ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER	ENGINE
OIL (PRES)	YES	ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER	ENGINE
TRANS (TEMP)	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION

SECONDARY GAUGE CLUSTER			
GAUGE	WARN LIGHT	SIGNAL PATH	SENSOR LOCATION
REAR RR AXLE OIL TEMP	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	REAR RR AXLE
FORWARD RR AXLE OIL TEMP	YES	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	FORWARD RR AXLE
BOOST PRESSURE	NO	ENGINE CONT / DRIVE TRAIN J1939 / CLUSTER	ENGINE
AIR APPLICATION	NO	BODY CONT / DRIVE TRAIN J1939 / CLUSTER	DRIVER CONTROL MODULE

NOTES:  
1. WARNING LIGHTS ARE PART OF THE GAUGES AND LOCATED IN THE GAUGE CLUSTER

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
0486	30DEC11	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
		DIAGRAM, PROSTAR.			RELEASE NO. 61802Y	DATE 09MAR09
						PART NO. AE08058101
						SHEET 009

Figure 254 IP / Gauges

8.11. IP / GAUGES AND WARNING LIGHTS – GAUGE CLUSTER, P. 10

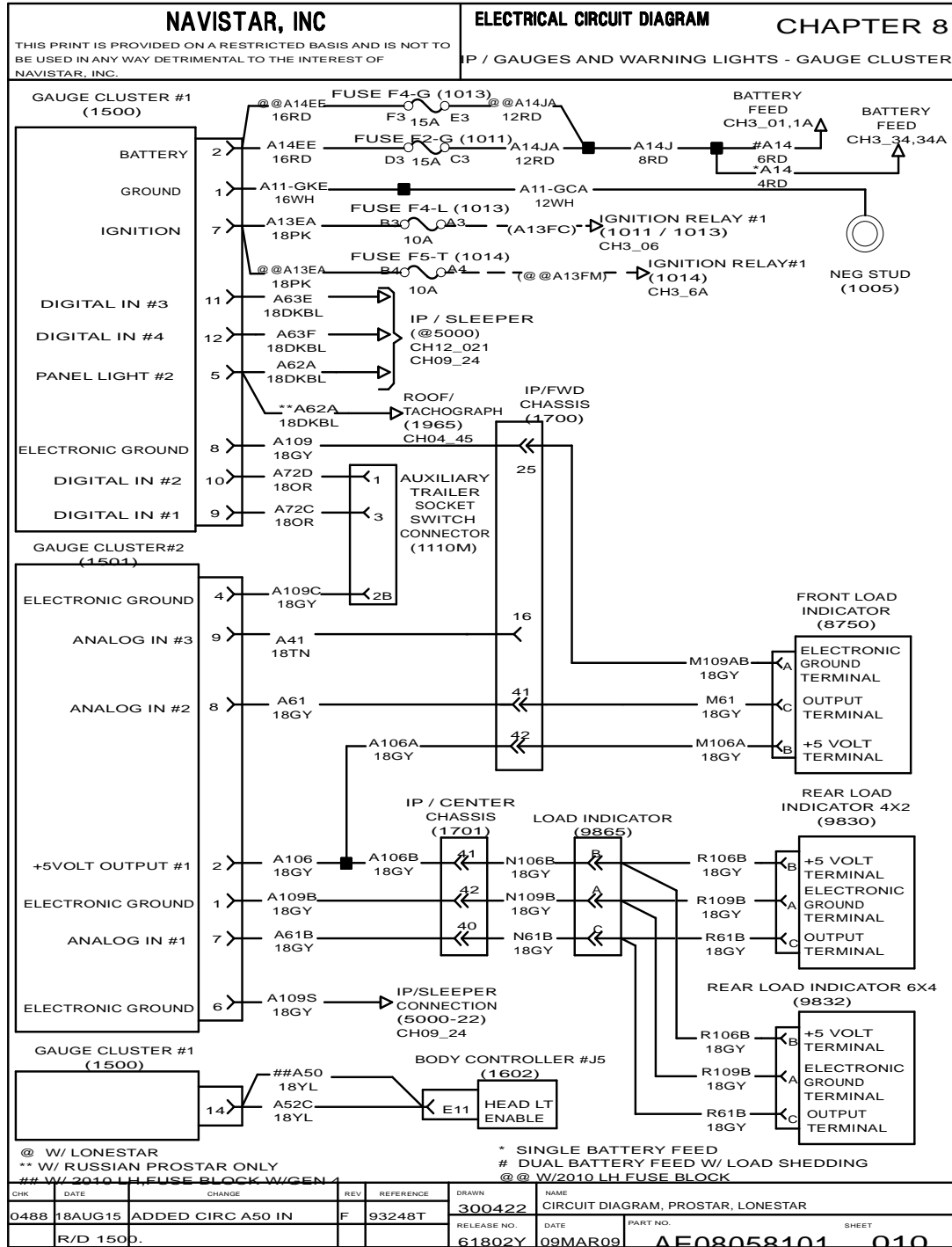


Figure 255 IP / Gauges and Warning Lights – Gauge Cluster

8.12. SECONDARY INSTRUMENT CLUSTER, P. 11

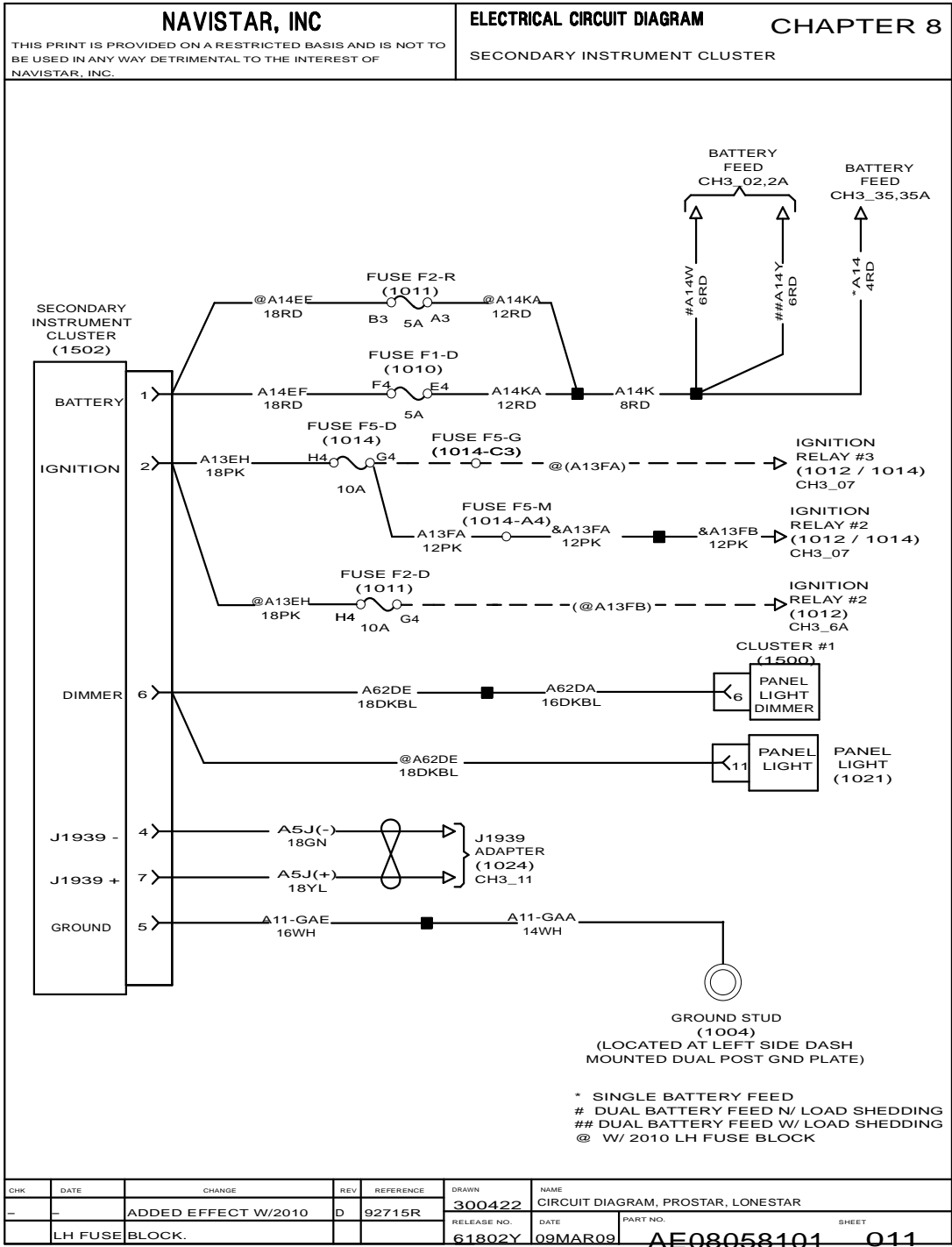


Figure 256 Secondary Instrument Cluster

8.13. PARKING WARNING LIGHT, P. 12

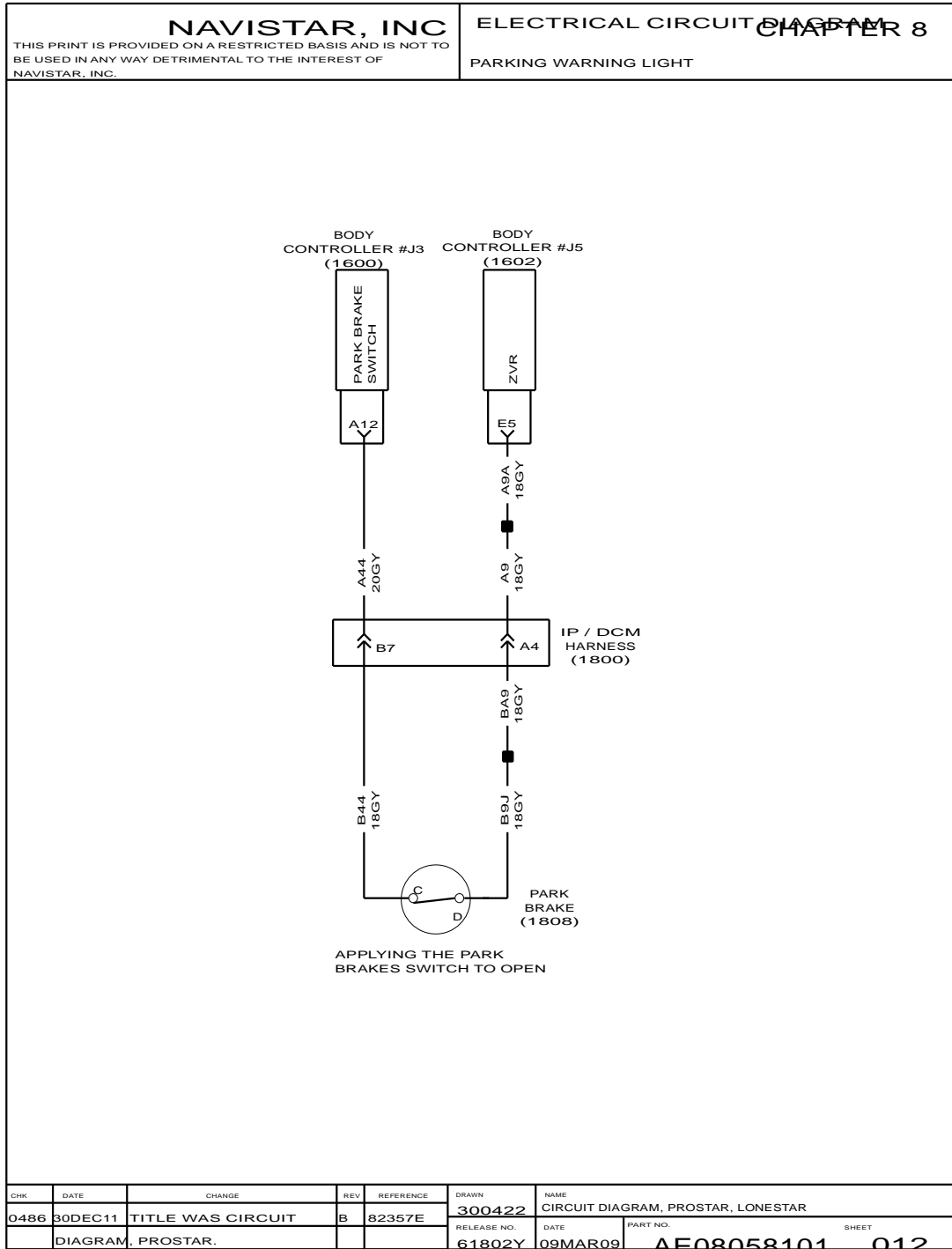


Figure 257 Parking Warning Light

8.14. WARNING LIGHTS, P. 13

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>			
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				<b>CHAPTER 8</b>			
				WARNING LIGHTS			
<b>IP WARNING LIGHTS</b>							
WARNING LIGHT	REPRESENTATION	COLOR	SIGNAL PATH				
RANGE INHIBITED	RANGE INHIBITED	YELLOW	TCM / J1939 / CLUSTER				
PROTECT	[ICON]	YELLOW	SAE DIAGNOSTIC LAMP				
RETARD OVER HEAT	RETARD OVERHEAT	YELLOW	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
AMBER WARN (AWL)	[YIELD ICON]	YELLOW	STATUS TRANSMITTED IN J1939 MESSAGE FROM ANY MODULE SAE DIAGNOSTIC LAMP				
RED STOP (RSL)	[STOP ICON]	RED	STATUS TRANSMITTED IN J1939 MESSAGE FROM ANY MODULE SAE DIAGNOSTIC LAMP				
BRAKE PRESSURE	BRAKE PRESSURE [BRAKE ICON]	RED	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
PARK BRAKE	PARK [ICON]	RED	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
EMERGENCY EXIT	EMERG EXIT	RED	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
LIFT DOOR	LIFT DOOR	YELLOW	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
TRAILER ABS	ABS [TRAILER ICON]	YELLOW	STATUS TRANSMITTED IN J1939 MESSAGE FROM ABS				
WAIT TO START	WAIT TO START	YELLOW	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
TRACTION CONTROL	TRAC CTRL	YELLOW	STATUS TRANSMITTED IN J1939 MESSAGE FROM ABS				
IDLE SHUTDOWN	IDLE SHUTDOWN	YELLOW	STATUS TRANSMITTED IN J1939 MESSAGE FROM ECM				
MALFUNCTION (MIL)	[ICON]	YELLOW	SAE DIAGNOSTIC LAMP				
PTO ENGAGED INDICATOR	PTO	YELLOW	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
SERVICE PARK	SERVICE [ICON]	RED	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
SEAT BELT	FASTEN BELTS	RED	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
BRAKE FLUID	BRAKE FLUID [ICON]	RED	BODY CONT / J1939 / CLUSTER				
RED FLASHER	RED FLASHER	RED	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
AMBER FLASHER	AMBER FLASHER	YELLOW	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
ANTILOCK BRAKING SYSTEM	[ABS ICON]	YELLOW	STATUS TRANSMITTED IN J1939 MESSAGE FROM ABS				
ECONOMY MODE	ECON	YELLOW	STATUS TRANSMITTED IN J1939 MESSAGE FROM TCM				
LEFT TURN	[ARROW ICON]	GREEN	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
HIGH BEAM	[ICON]	BLUE	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
RIGHT TURN	[ARROW ICON]	GREEN	STATUS TRANSMITTED IN J1939 PROPRIETARY MESSAGE FROM BODY CONTROLLER				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
-	-	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
		DIAGRAM, PROSTAR.			RELEASE NO.	DATE	PART NO.
					61802Y	09MAR09	AE08058101
							SHEET 013

Figure 258 Warning Lights



**8.15. IP TEXT MESSAGES AND WARNING LIGHTS – CONTROLLED BY ENGINE, TRANSMISSION AND ANTILOCK BRAKING SYSTEM CONTROLLER, P. 14**

<p><b>NAVISTAR, INC</b></p> <p><small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small></p>				<p><b>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 8</b></p> <p><b>IP TEXT MESSAGES &amp; WARNING LIGHTS - CONTROLLED BY ENGINE, XMSN AND ABS CONTROLLER</b></p>			
<p>IP TEXT MESSAGES :</p> <p>LOAD SHEDDING</p> <p>WASHER FLUID LOW</p> <p>ELECTRICAL FAULT</p> <p>CHECK A / C</p> <p>AIR FILTER RESTRICTION</p> <p>EXTERIOR LAMP CHECK ACTIVE</p> <p>HVAC TEMP SETTING</p> <p>ACTIVATE HVAC FRONT BLOWER</p> <p>HVAC SLEEPER BLOWER SPEED</p> <p>AIR PRESSURE DIAGNOSTIC</p> <p>CRUISE</p> <p>FUEL FILTER</p> <p>THE FOLLOWING WARNING LIGHTS ARE CONTROLLED BY THE ENGINE, TRANSMISSION, OR ABS CONTROLLER OVER THE DATA BUS AND DO NOT HAVE INDEPENDENT CIRCUITRY THAT CAN BE OR NEEDS TO BE SHOWN:</p> <p>RANGE INHIBITED</p> <p>ECONOMY MODE</p> <p>TRAC CTRL</p> <p>TRAILER ABS</p> <p>ABS</p>							
<small>CHK</small>	<small>DATE</small>	<small>CHANGE</small>	<small>REV</small>	<small>REFERENCE</small>	<small>DRAWN</small>	<small>NAME</small>	
0486	30DEC11	TITLE WAS CIRCUIT	B	82357E	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
					<small>RELEASE NO.</small>	<small>DATE</small>	
		DIAGRAM, PROSTAR.			61802Y	09MAR09	
						<small>PART NO.</small>	
						AE08058101	
						<small>SHEET</small>	
						014	

**Figure 259 IP Text Messages and Warning Lights – Controlled by Engine, Transmission and Antilock Braking System Controller**

# LIGHTING SYSTEM (CHAPTER 9)

## 9.1. LIGHTS – STOP, TAIL, TURN AND BACK-UP NOT WITH FREEDOMLINE, P. 1

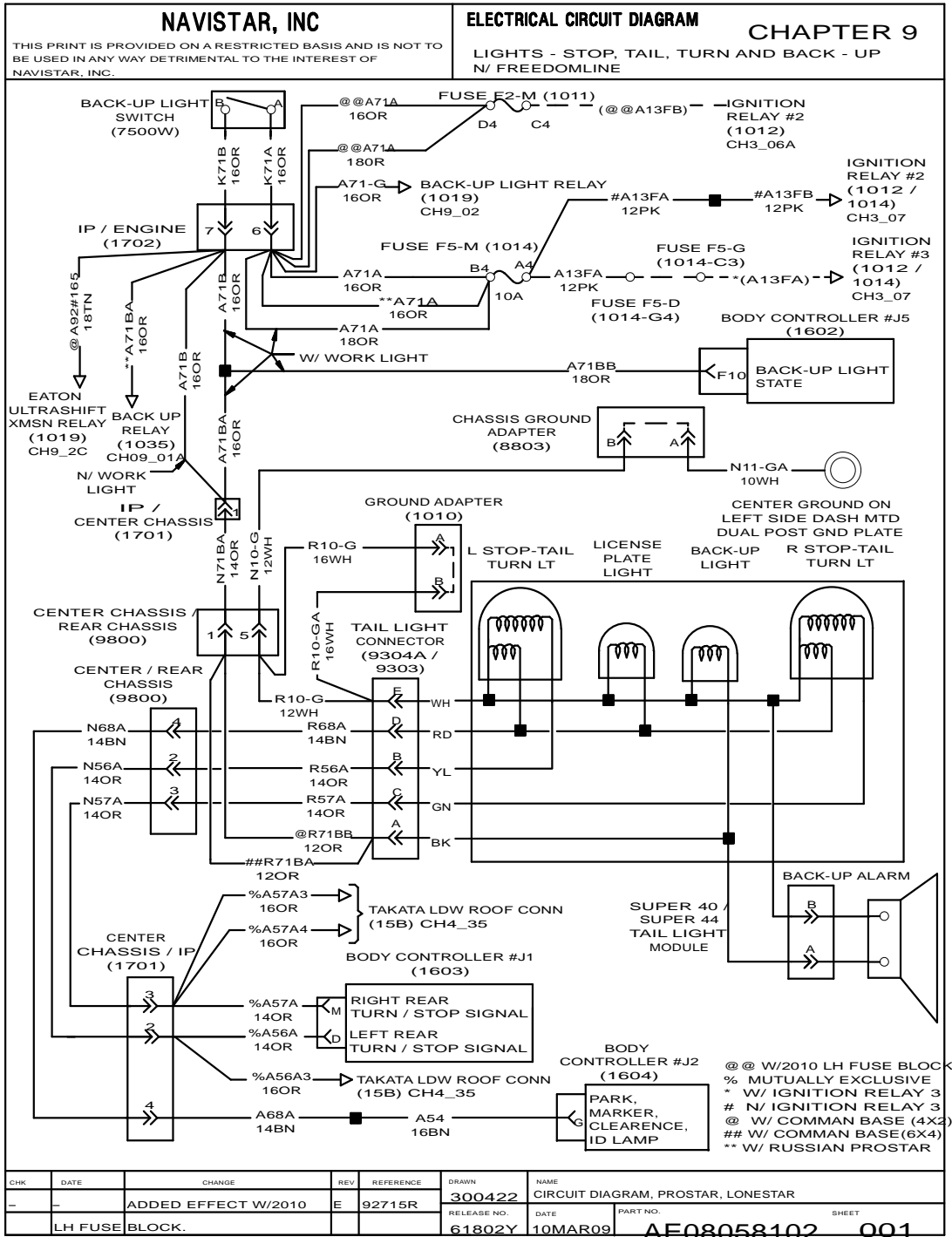


Figure 260 Lights – Stop, Tail, Turn and Back-Up not with FreedomLine

9.2. LIGHTS – STOP, TAIL, TURN AND BACK-UP WITH FREEDOMLINE, P. 2

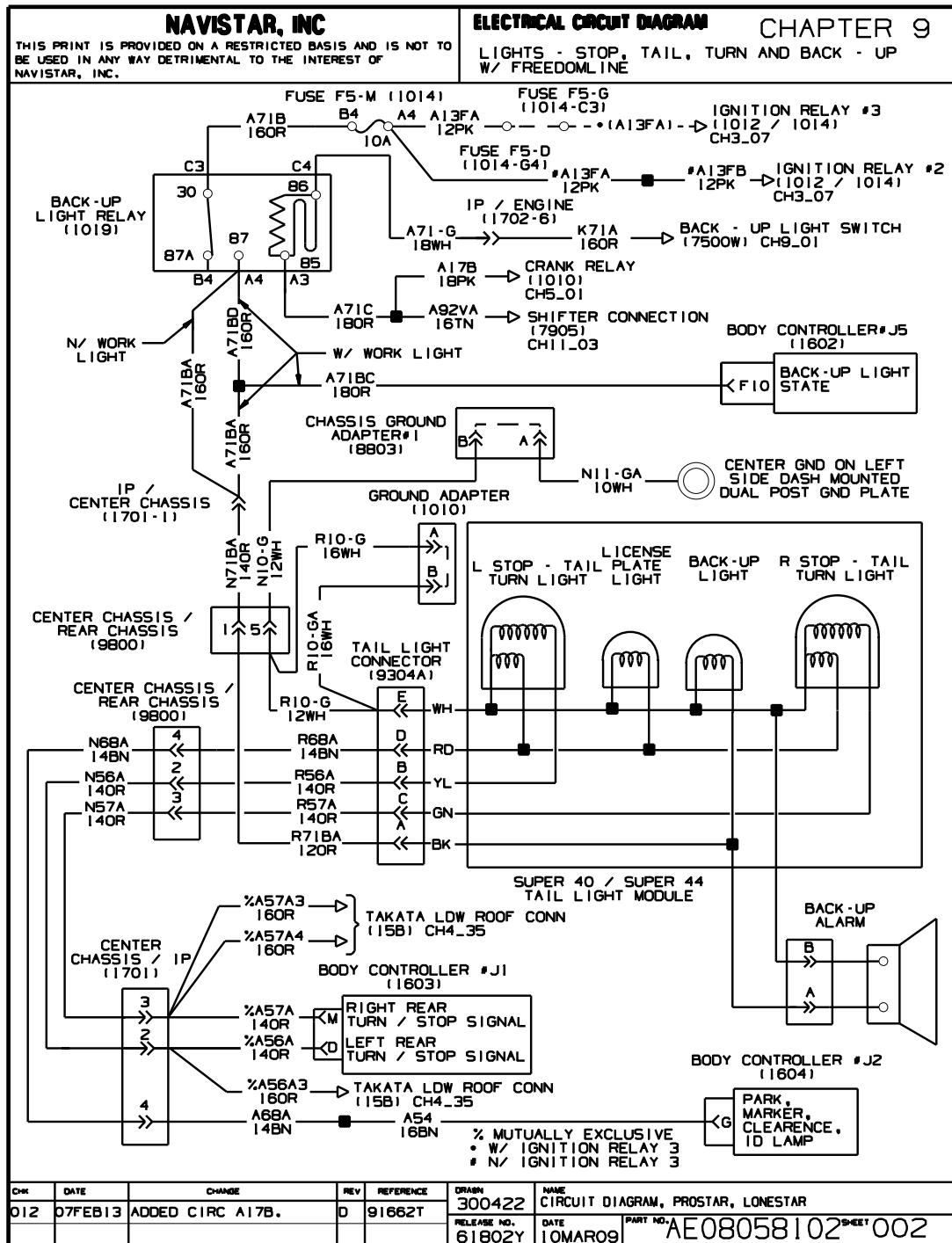


Figure 261 Lights – Stop, Tail, Turn and Back-Up with FreedomLine

9.3. LIGHTS – STOP, TAIL, TURN AND BACK-UP (6 X 4), P. 2A

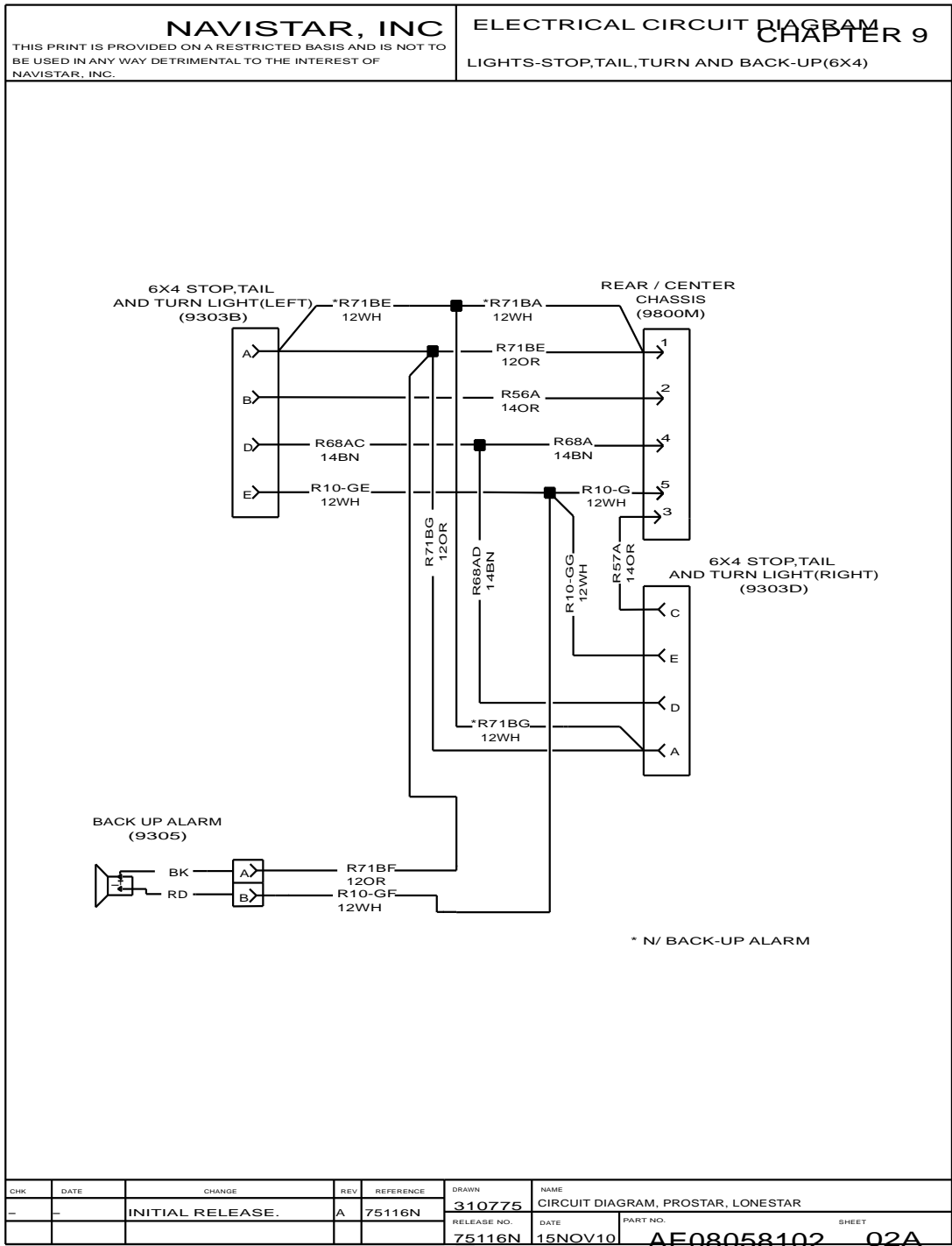


Figure 262 Lights – Stop, Tail, Turn and Back-Up (6 X 4)

9.4. LIGHTS – STOP, TAIL, TURN AND BACK-UP (4 X 2), P. 2B

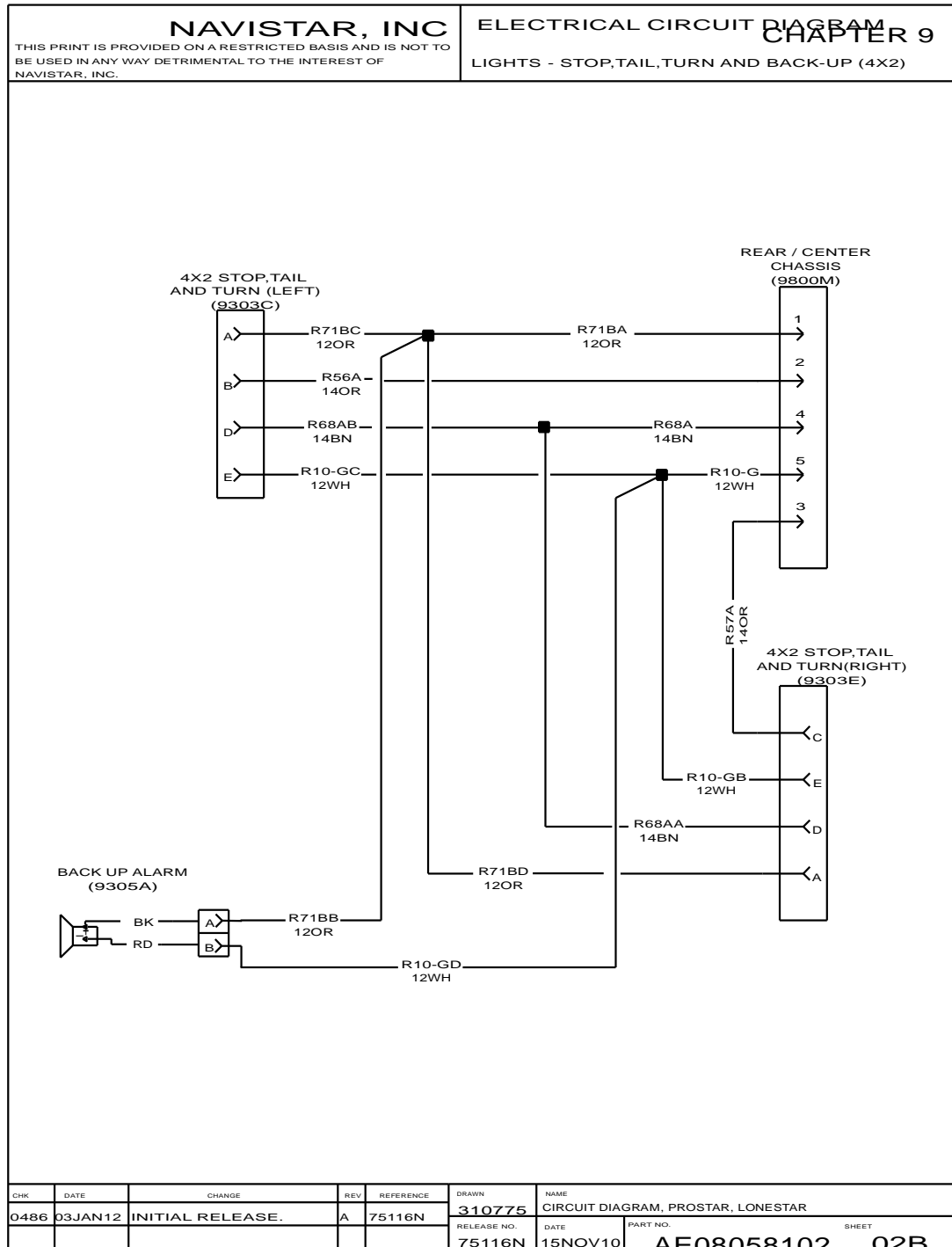


Figure 263 Lights – Stop, Tail, Turn and Back-Up (4 X 2)

9.5. STOP, TAIL, TURN AND BACK-UP WITH FREEDOMLINE LIGHTS, P. 2C

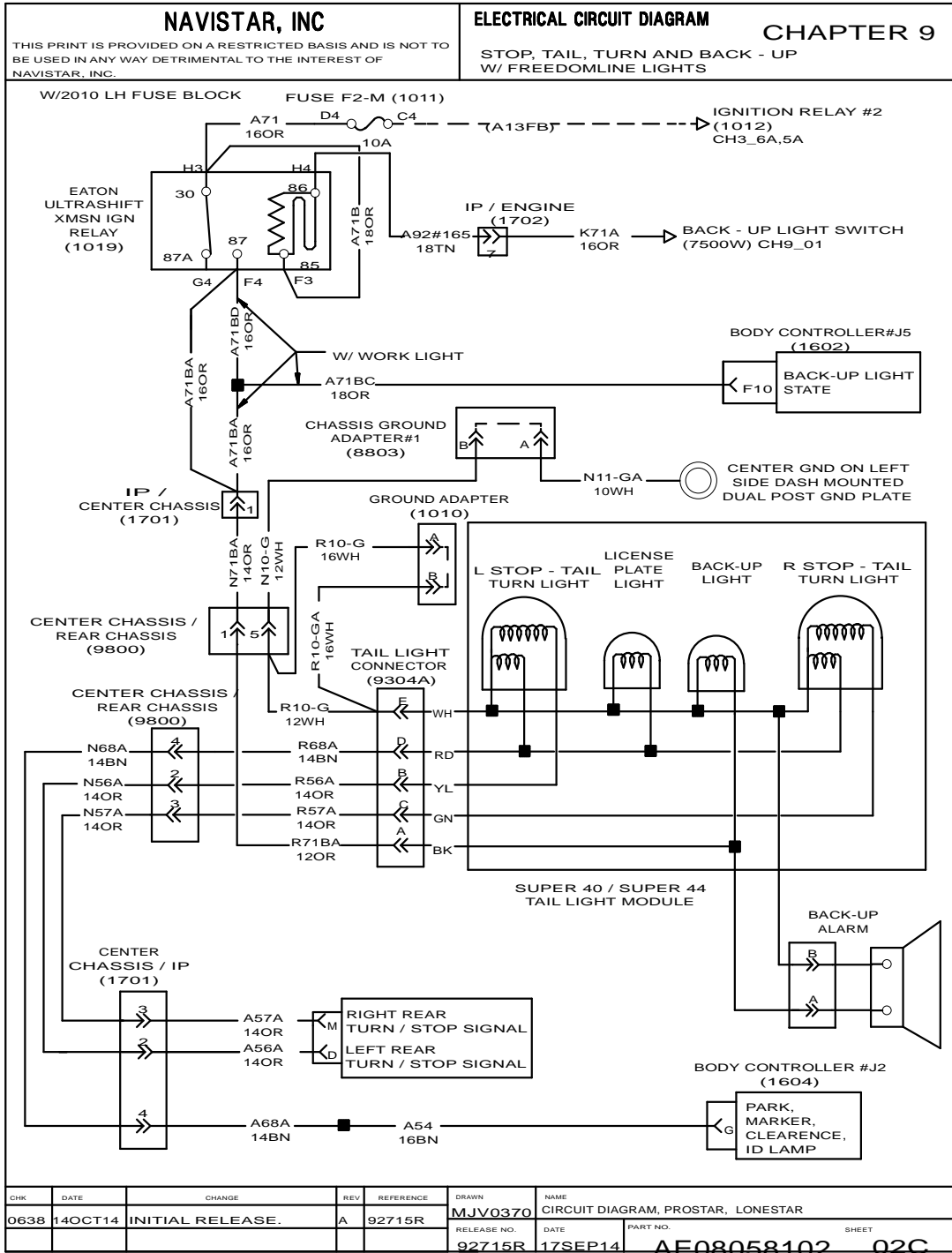


Figure 264 Stop, Tail, Turn and Back-up with FreedomLine Lights

9.6. DOME / MAP AND COURTESY LIGHTS – DAY CAB, P. 3

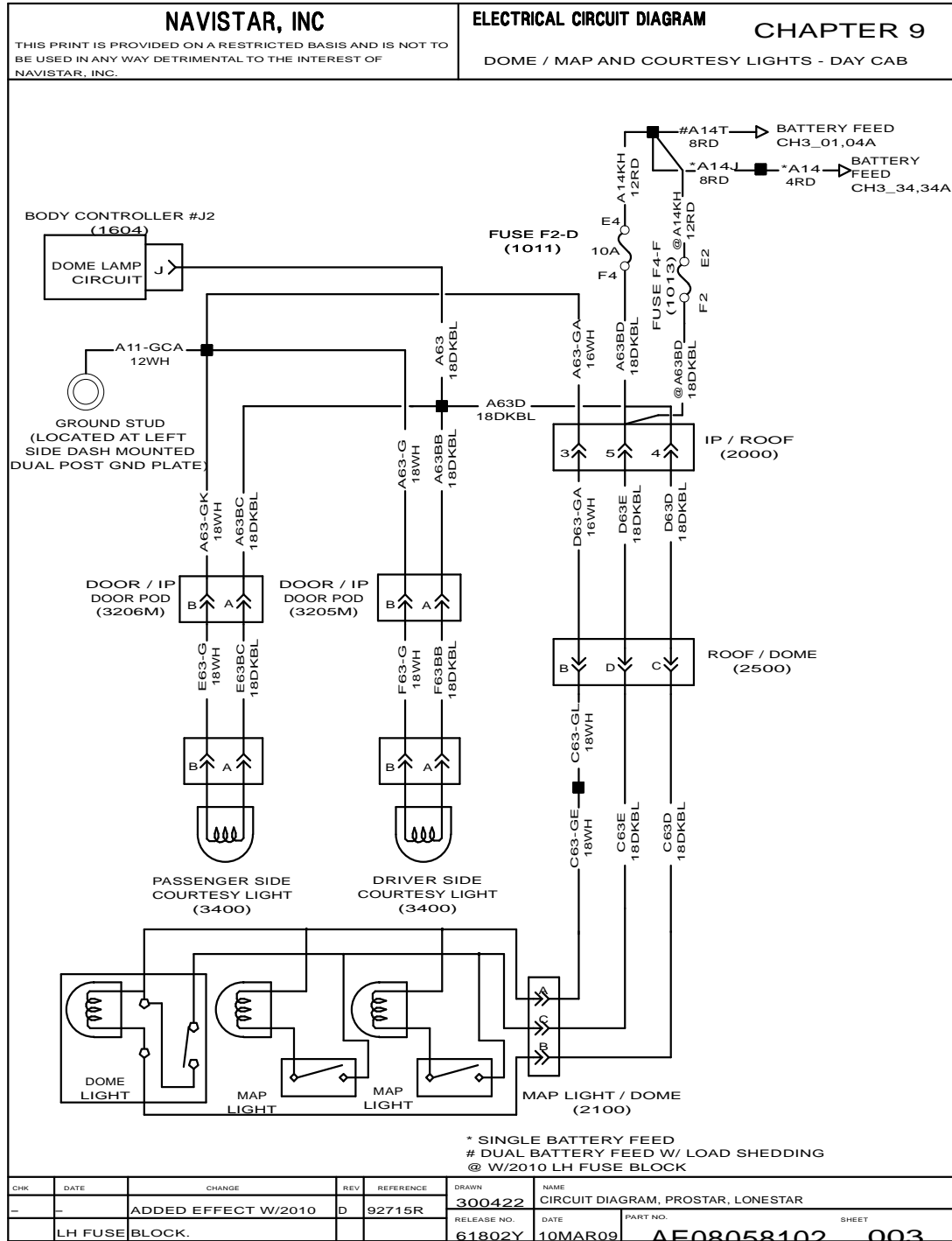


Figure 265 Dome / Map and Courtesy Lights – Day Cab

9.7. DOME / MAP (BENDIX FUSION), P. 3A

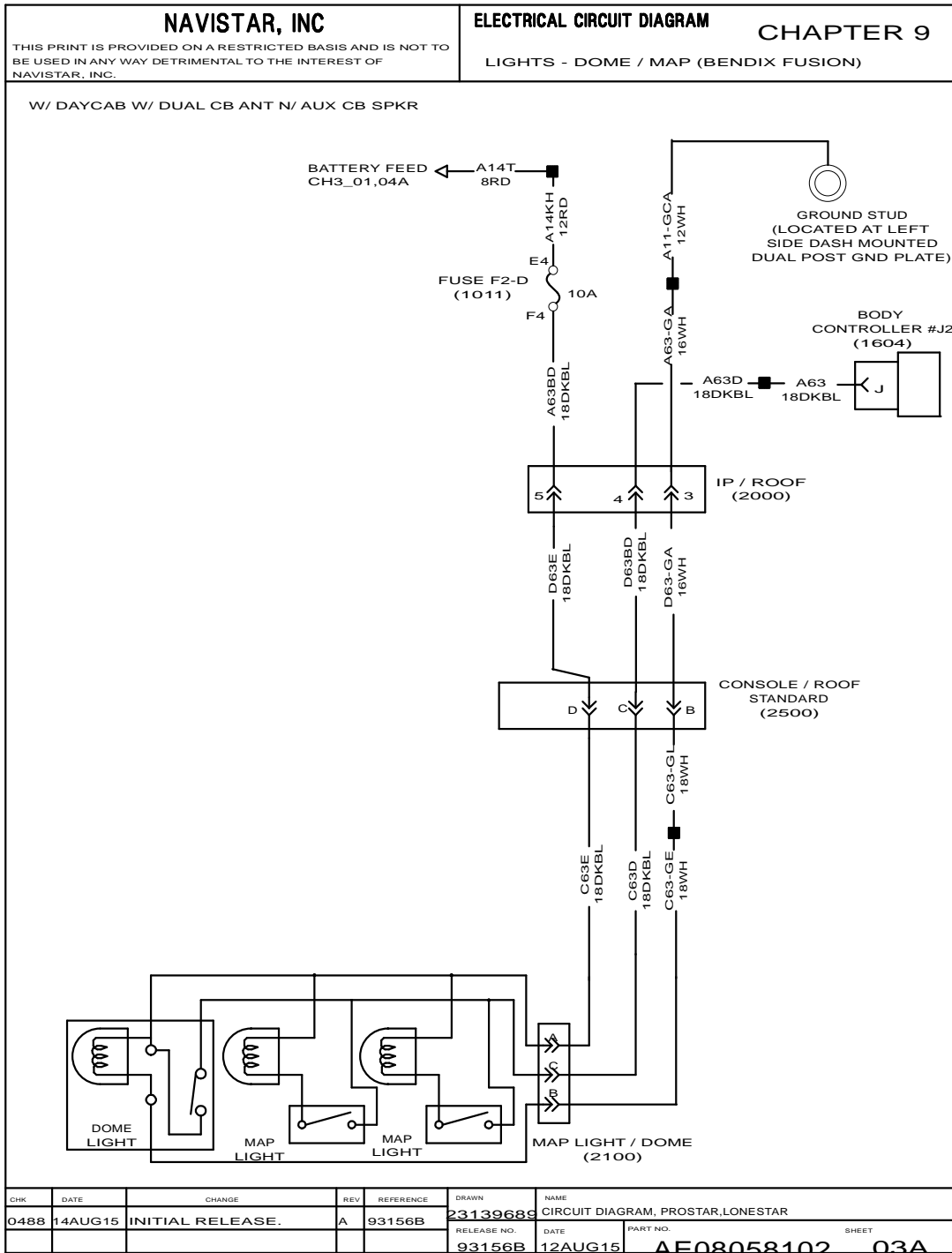


Figure 266 Dome / Map (Bendix Fusion)



9.8. DOME / MAP AND COURTESY LIGHTS – SLEEPER, P. 4

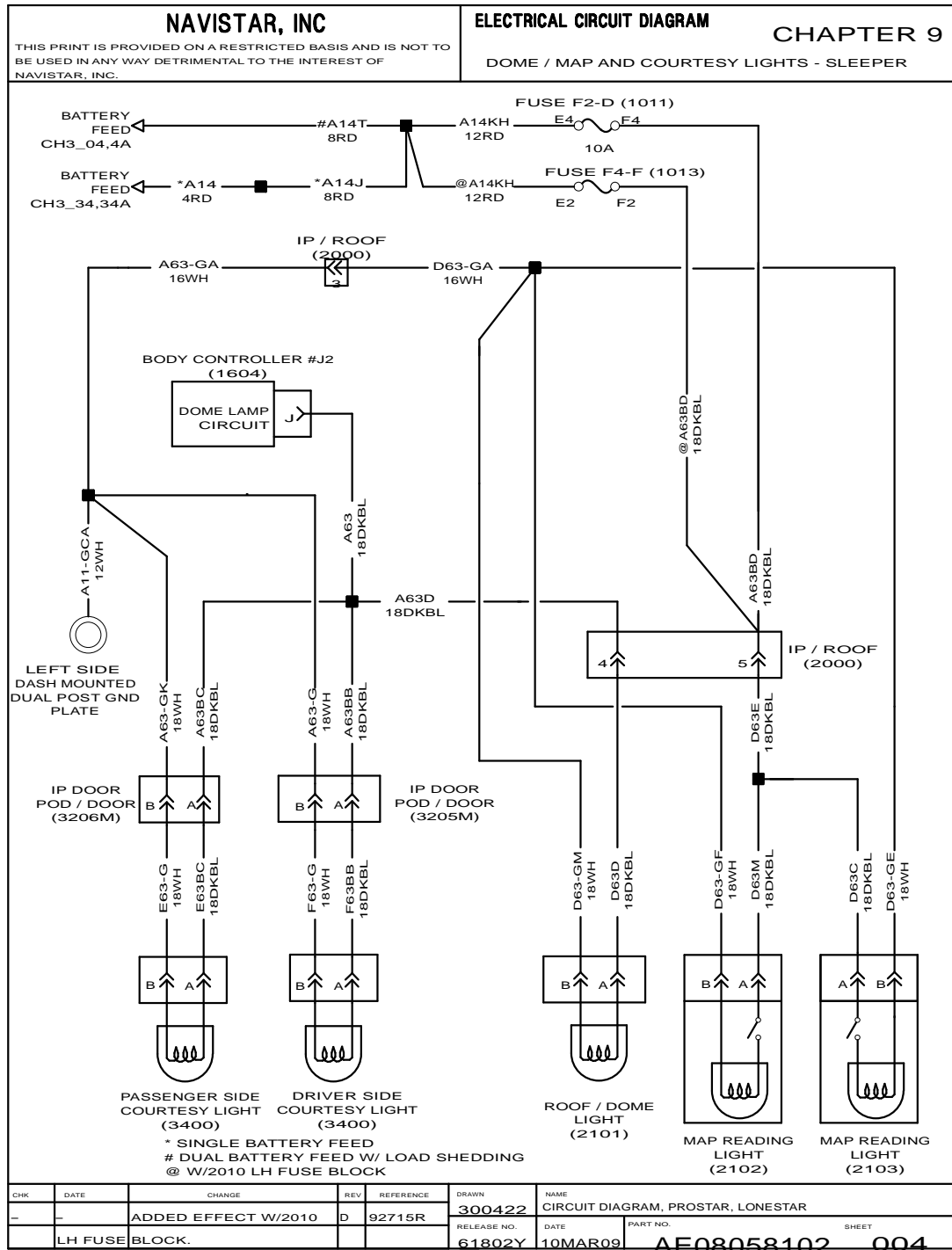
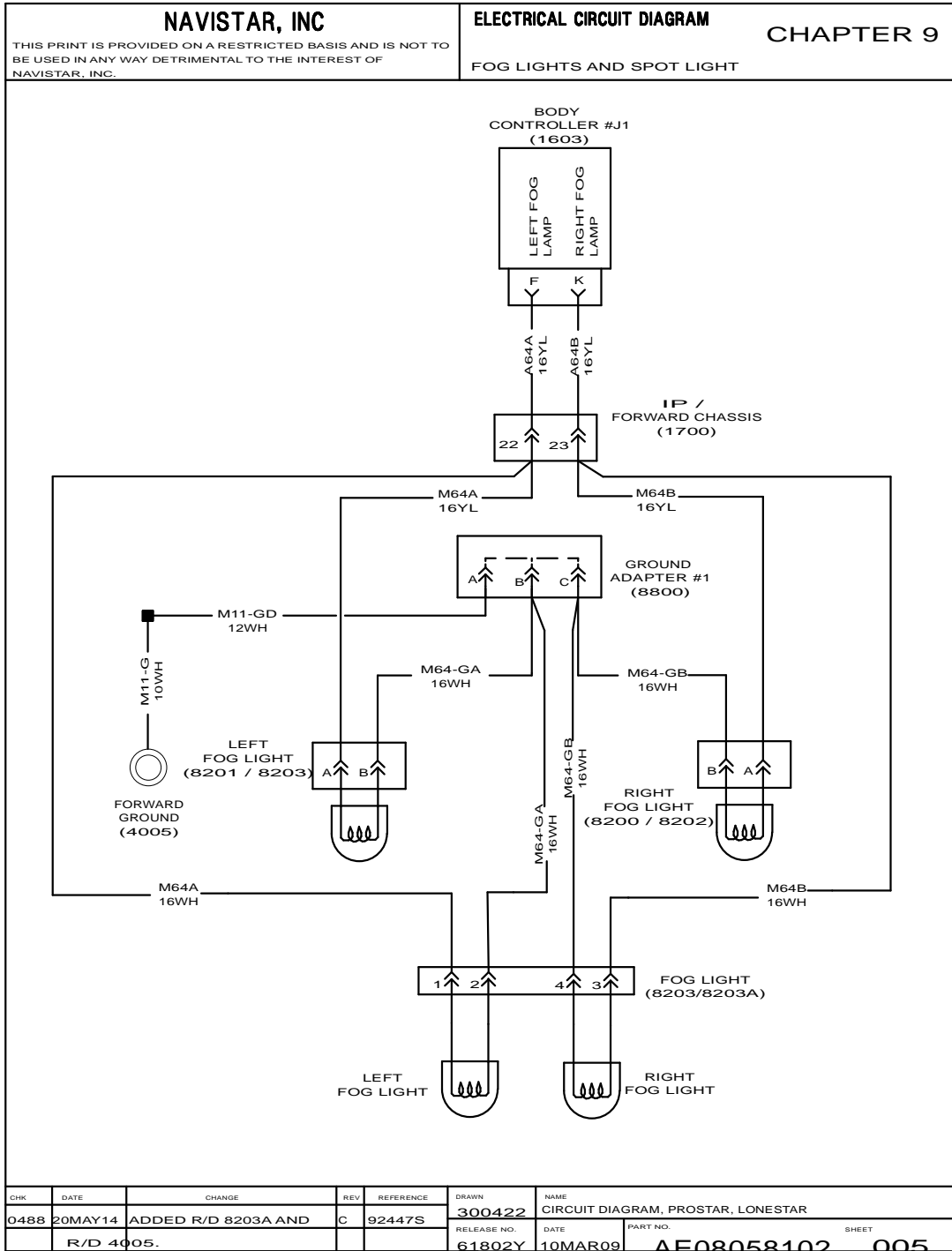


Figure 267 Dome / Map and Courtesy Lights – Sleeper

9.9. FOG LIGHTS AND SPOT LIGHT, P. 5



9.10. HEADLIGHTS, P. 6

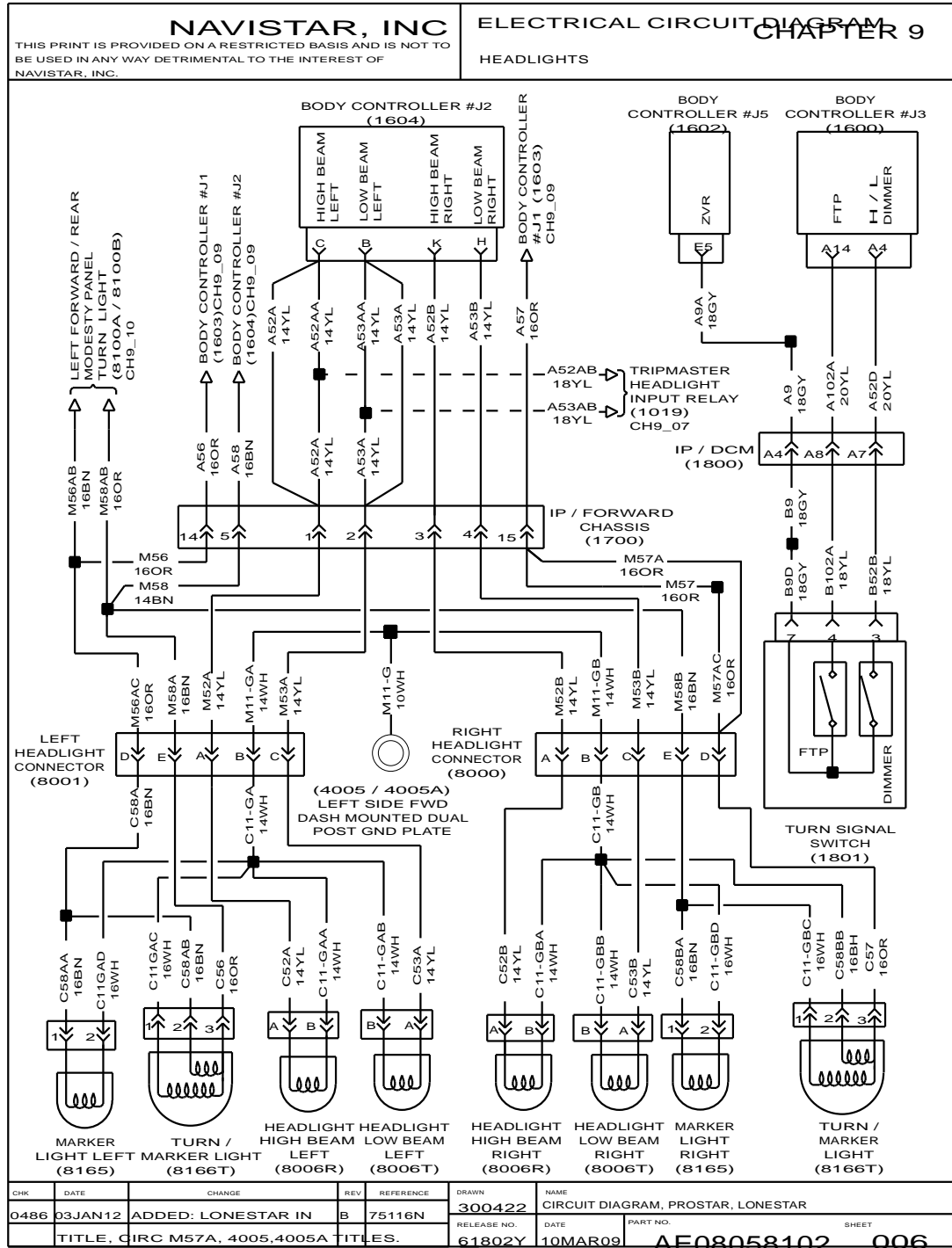


Figure 269 Headlights

9.11. HEADLIGHTS (CONT.), P. 6A

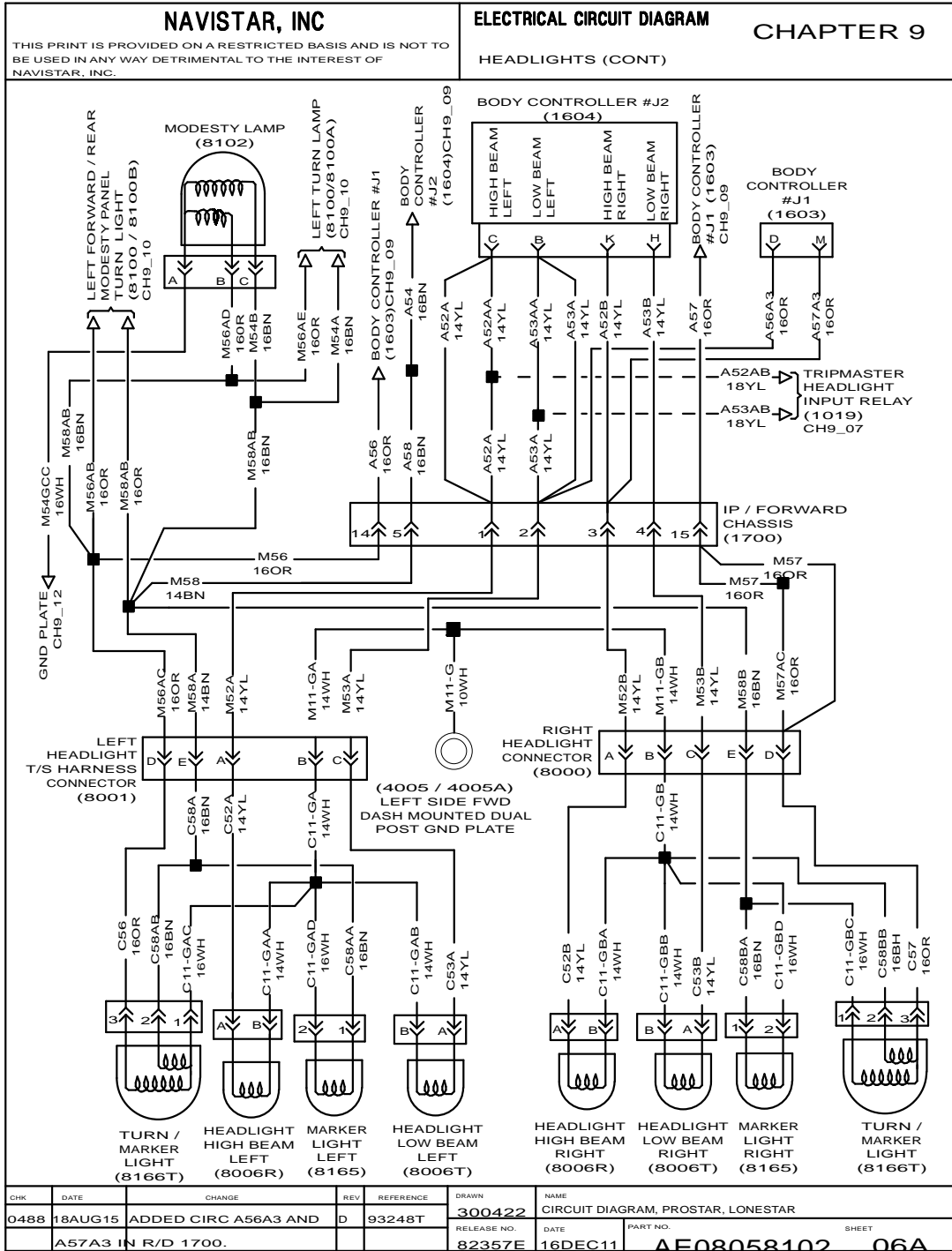


Figure 270 Headlights (Cont.)

9.12. TRIPMASTER, P. 7

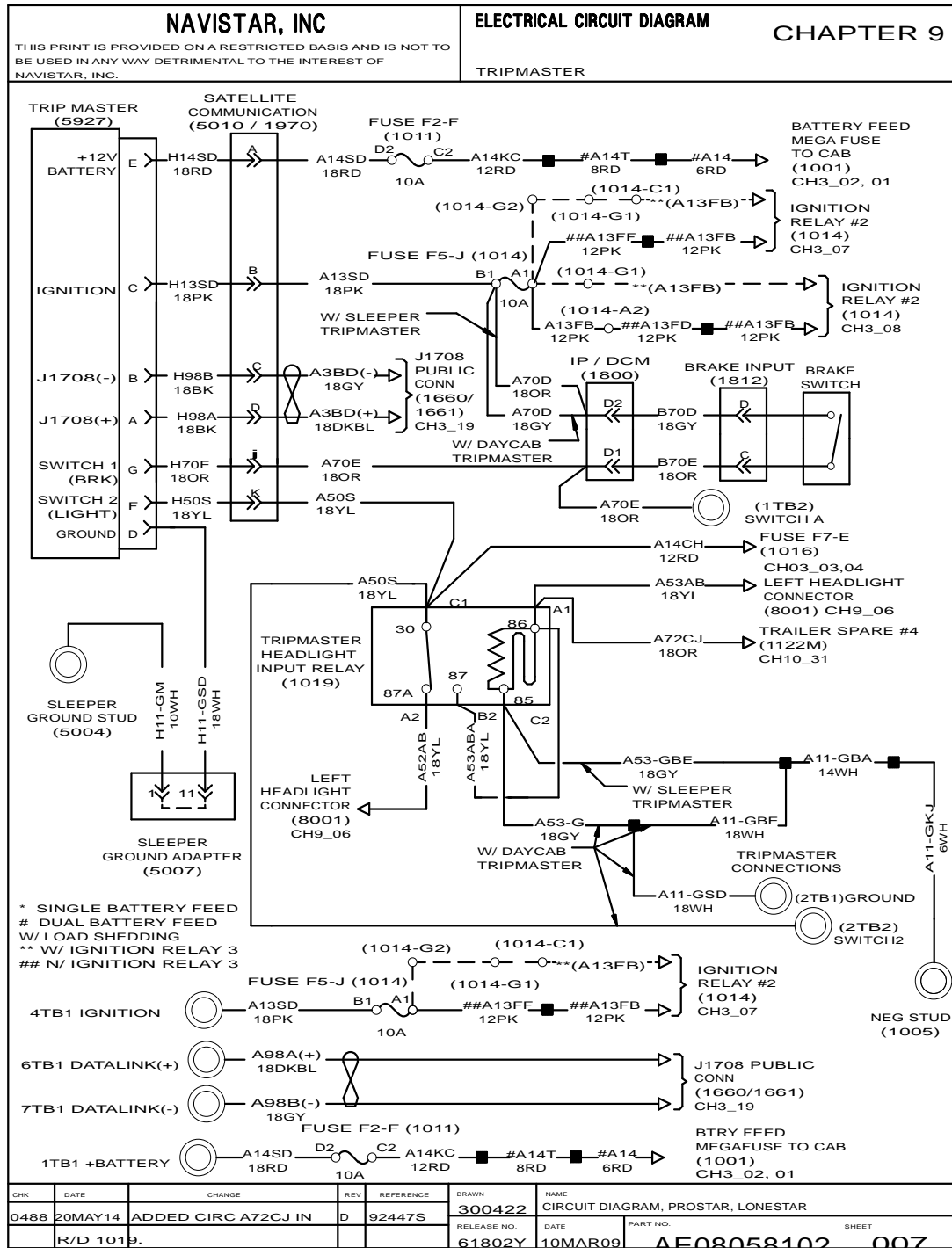


Figure 271 Tripmaster

9.13. TRIPMASTER (CONT.), P. 7A

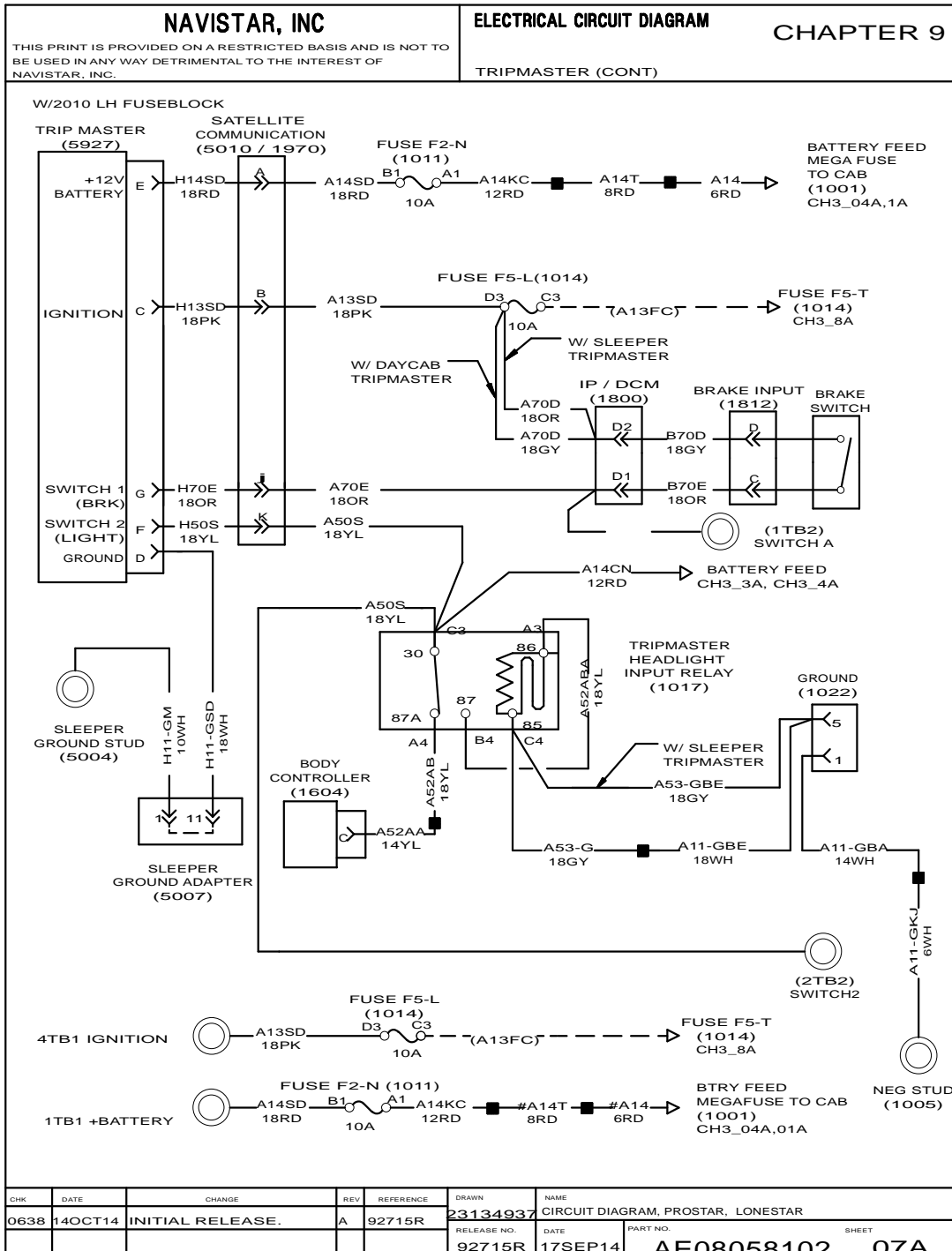


Figure 272 Tripmaster (Cont.)

9.14. TURN AND STOP SWITCH, P. 8

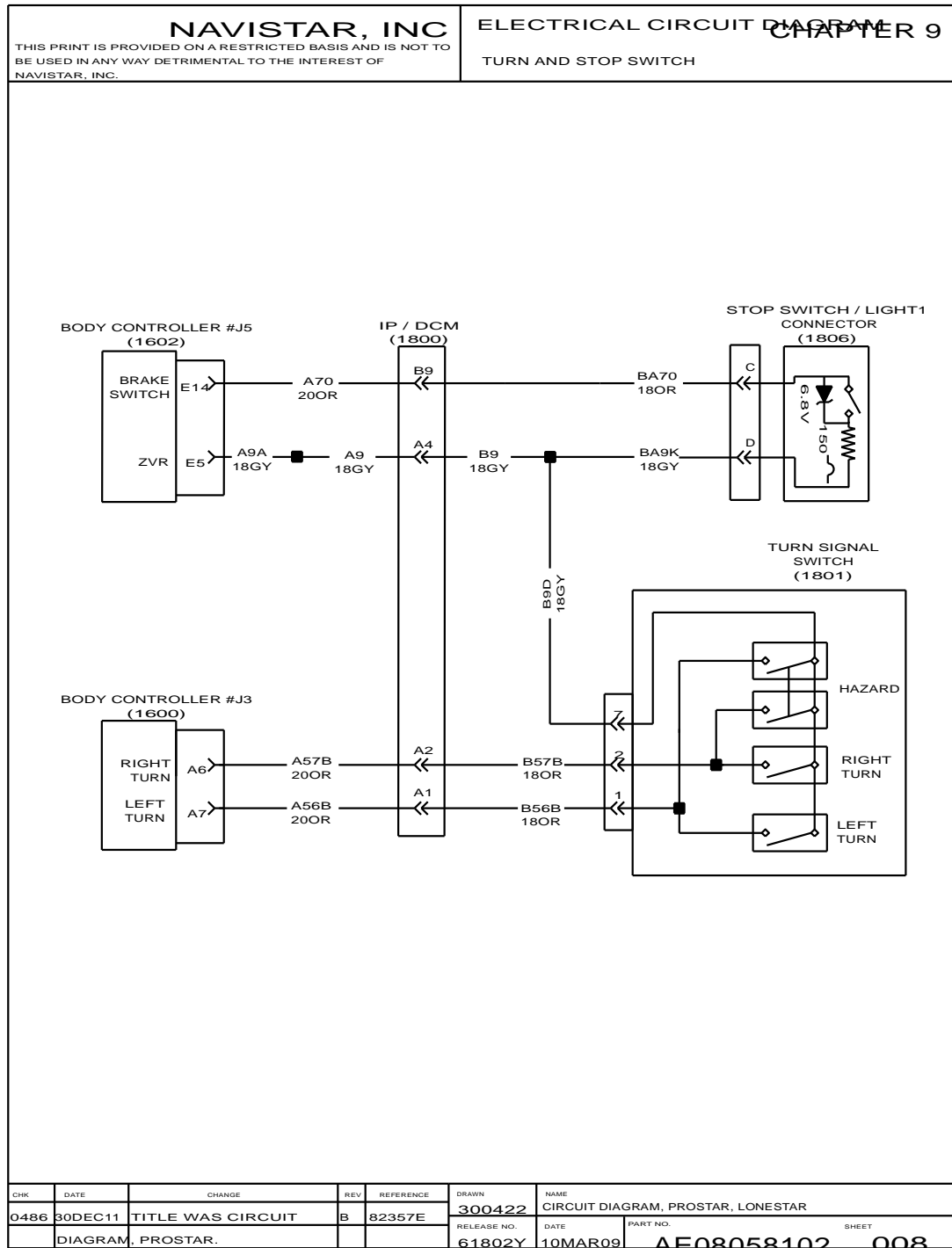


Figure 273 Turn and Stop Switch

9.15. LIGHT SYSTEM – PARK, MARKER, CLEARANCE, ID, TURN, STOP, TAIL, P. 9

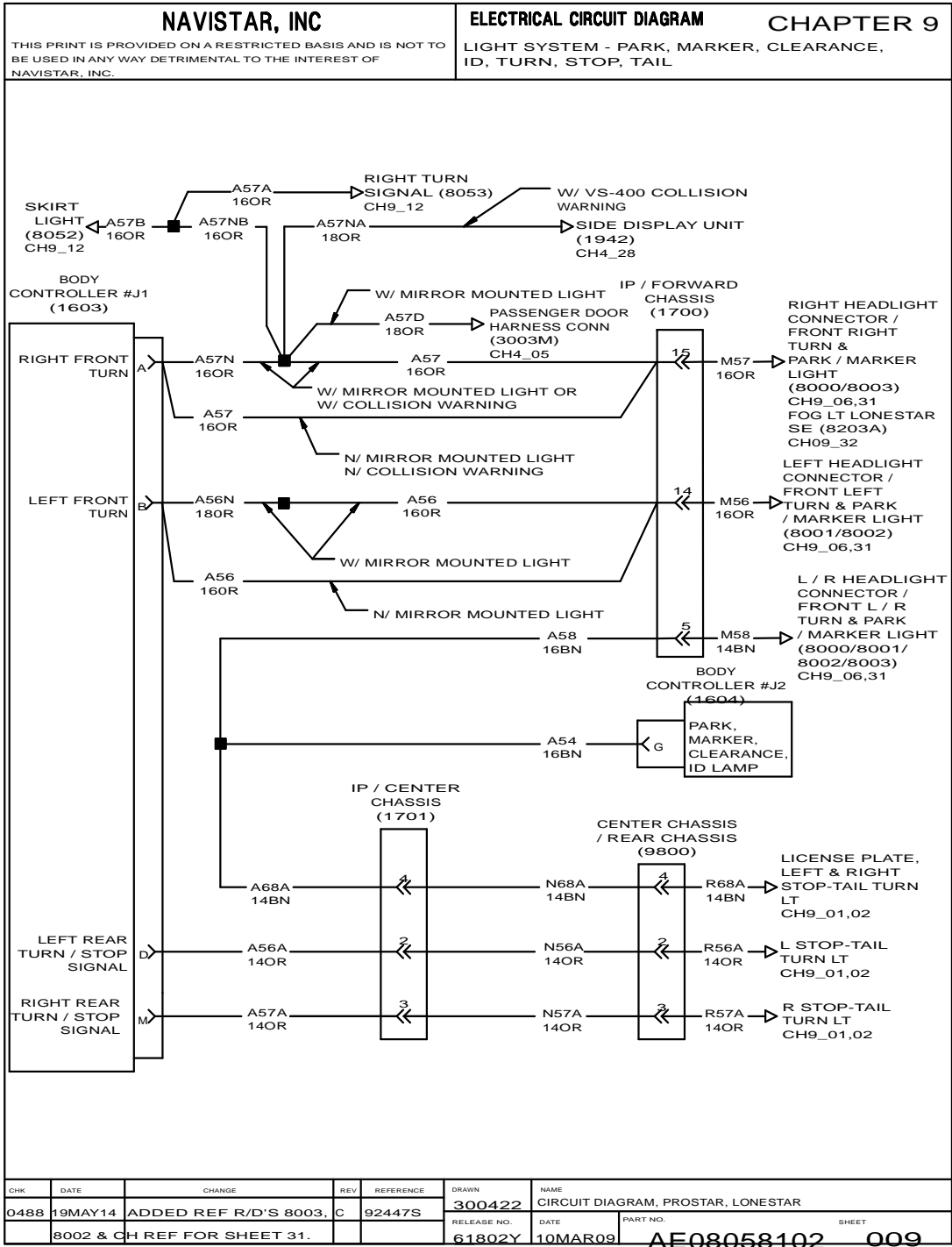


Figure 274 Light System – Park, Marker, Clearance, ID, Turn, Stop, Tail



9.16. ECE TAIL LIGHTS, P. 9A

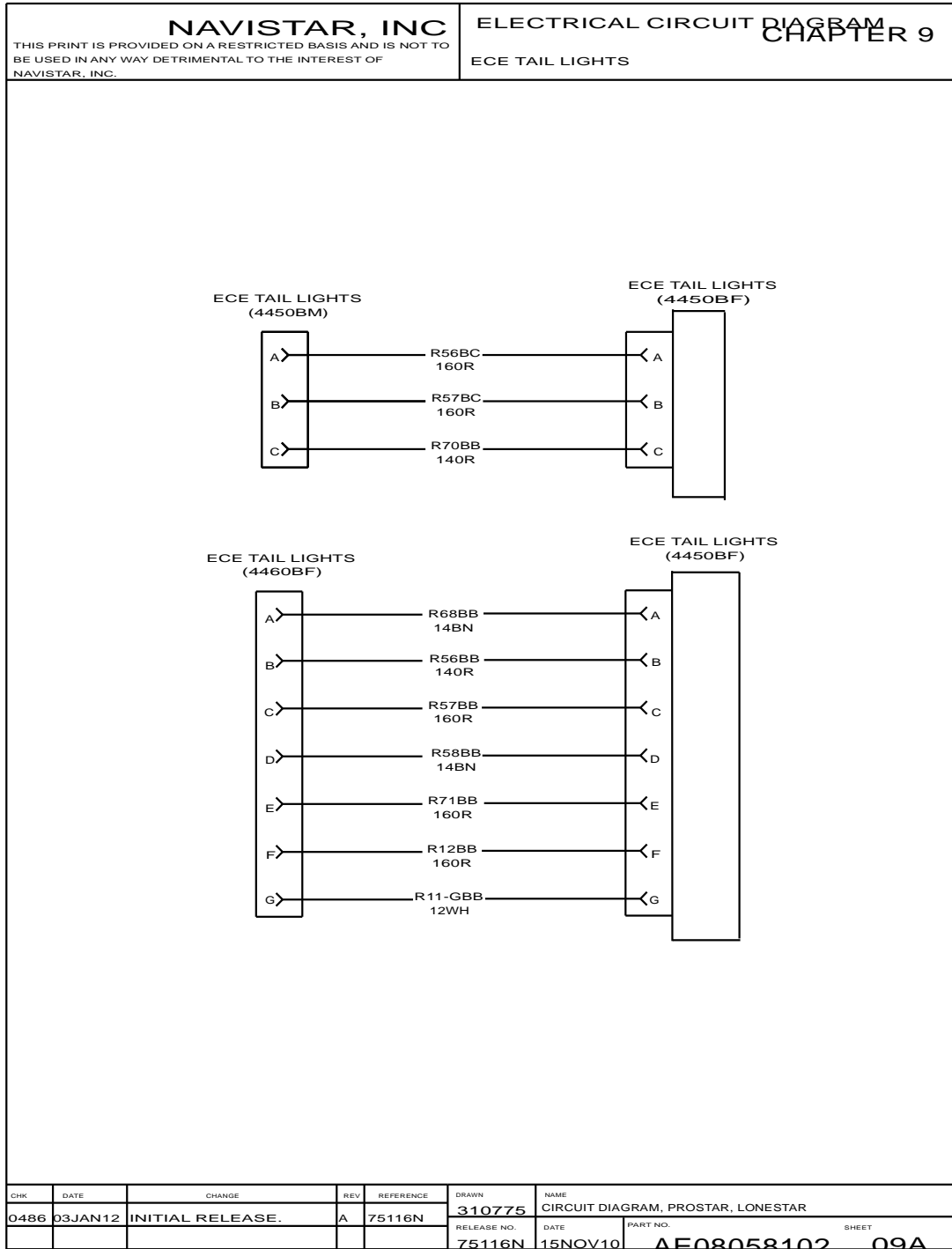


Figure 275 ECE Tail Lights

9.17. BODY BUILDER AND ECE TAIL LIGHT CONNECTION, P. 9B

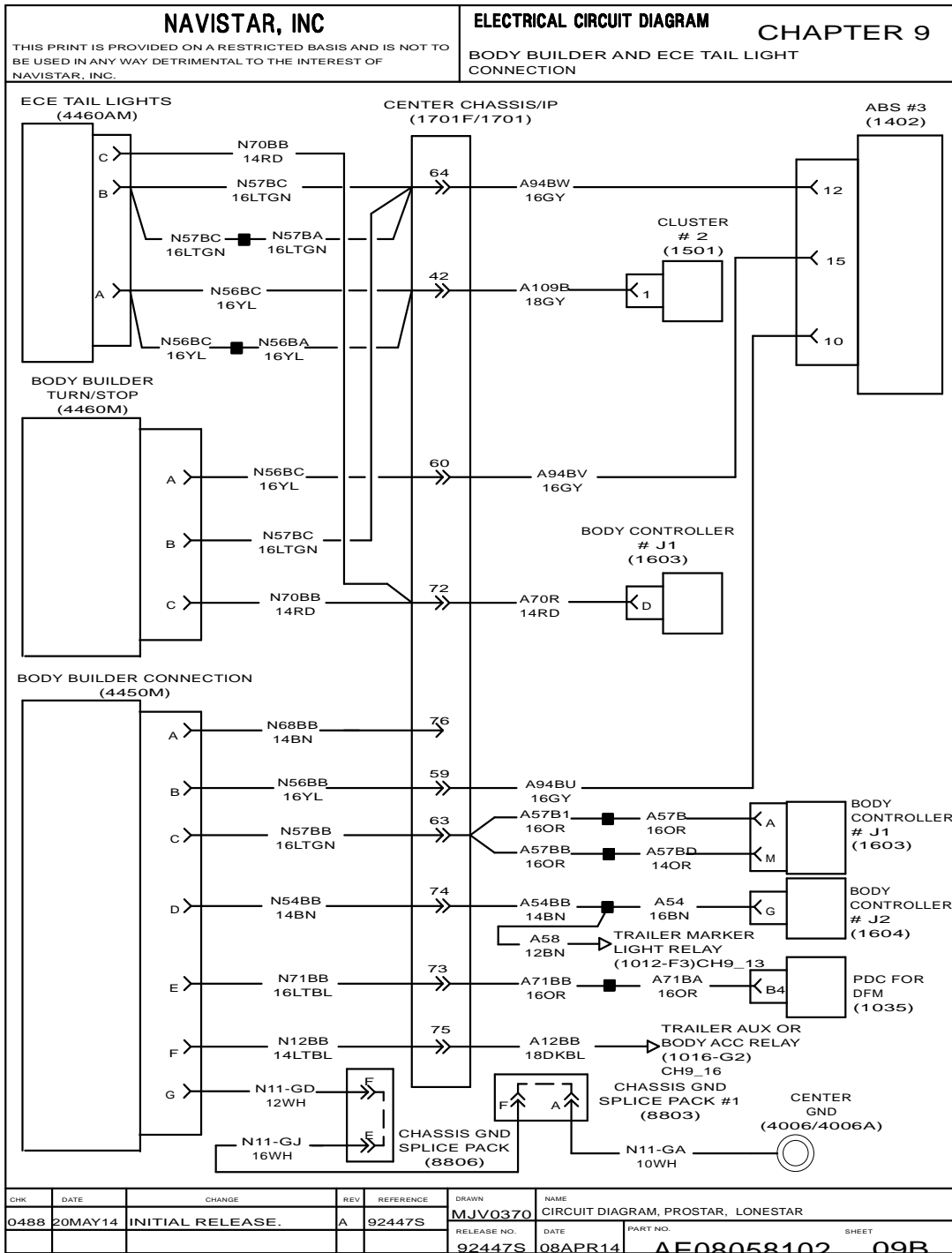


Figure 276 Body Builder and ECE Tail Light Connection

9.18. LIGHT SYSTEM – PARK, MARKER, FRONT – TURN AND MODESTY PANEL LIGHT, P. 10

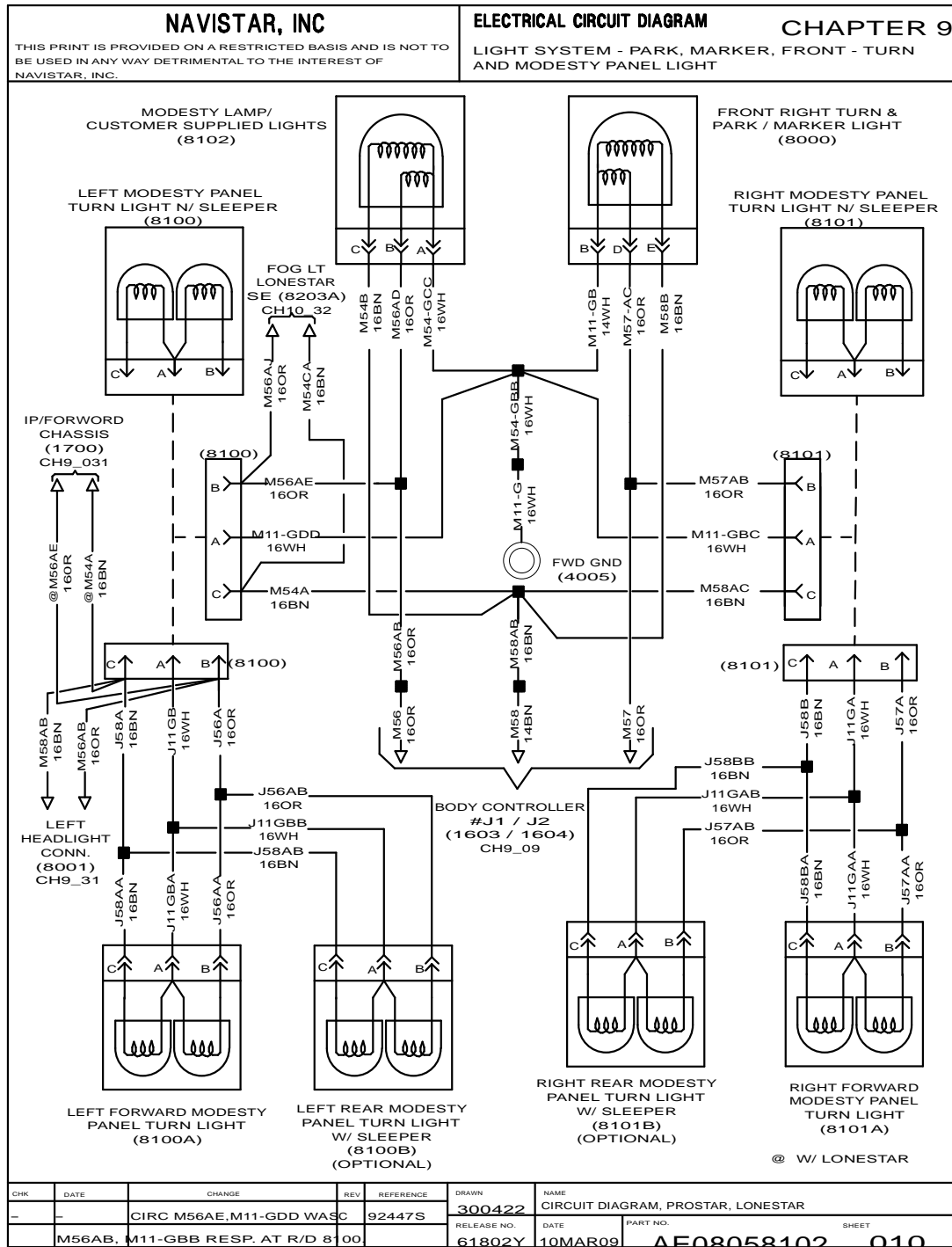


Figure 277 Light System – Park, Marker, Front – Turn and Modesty Panel Light

9.19. LIGHT SYSTEM – PARK, MARKER, FRONT – TURN AND MODESTY PANEL LIGHT, P. 10A

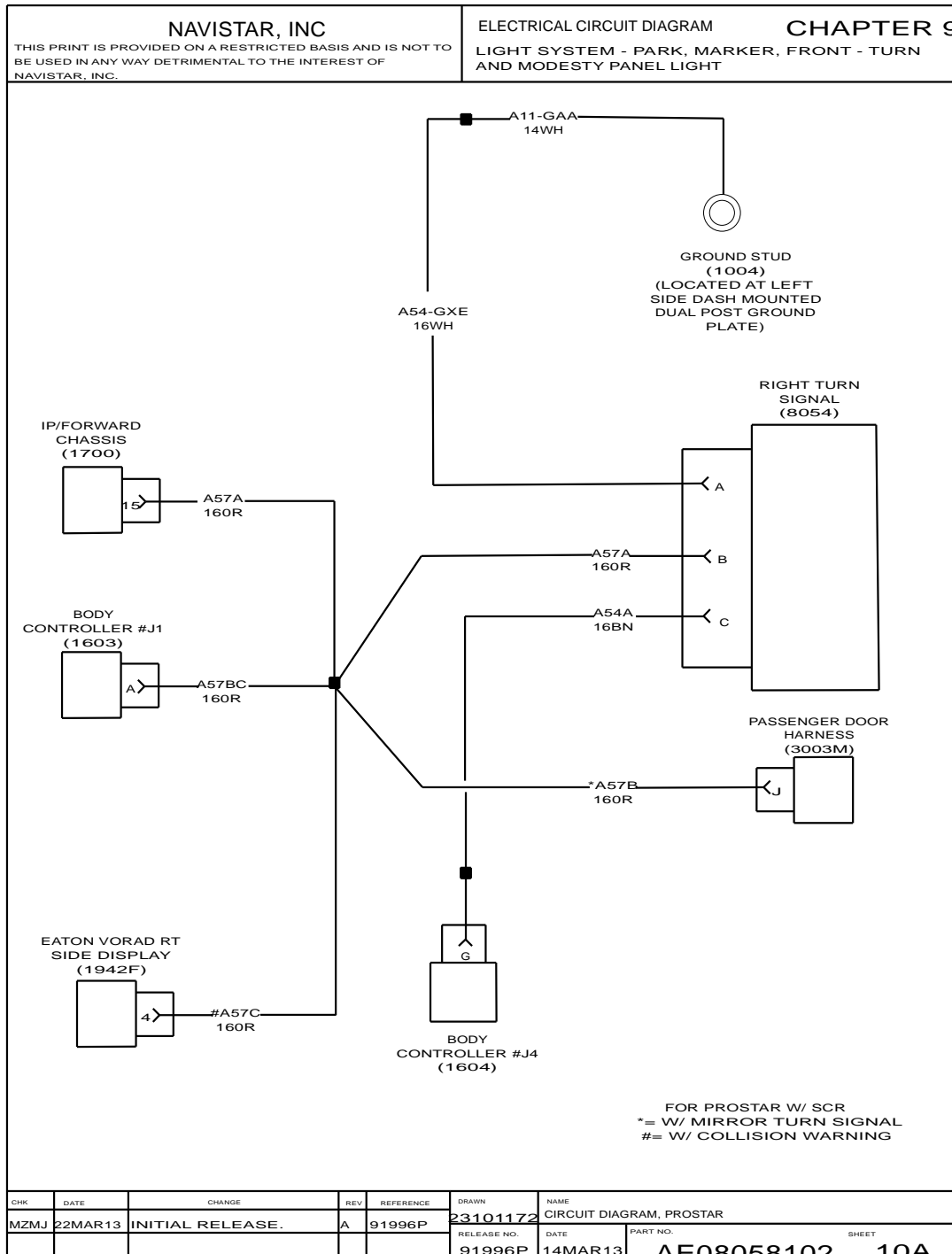


Figure 278 Light System – Park, Marker, Front – Turn and Modesty Panel Light

9.20. LIGHT SYSTEM – CLEARANCE, ID, P. 11

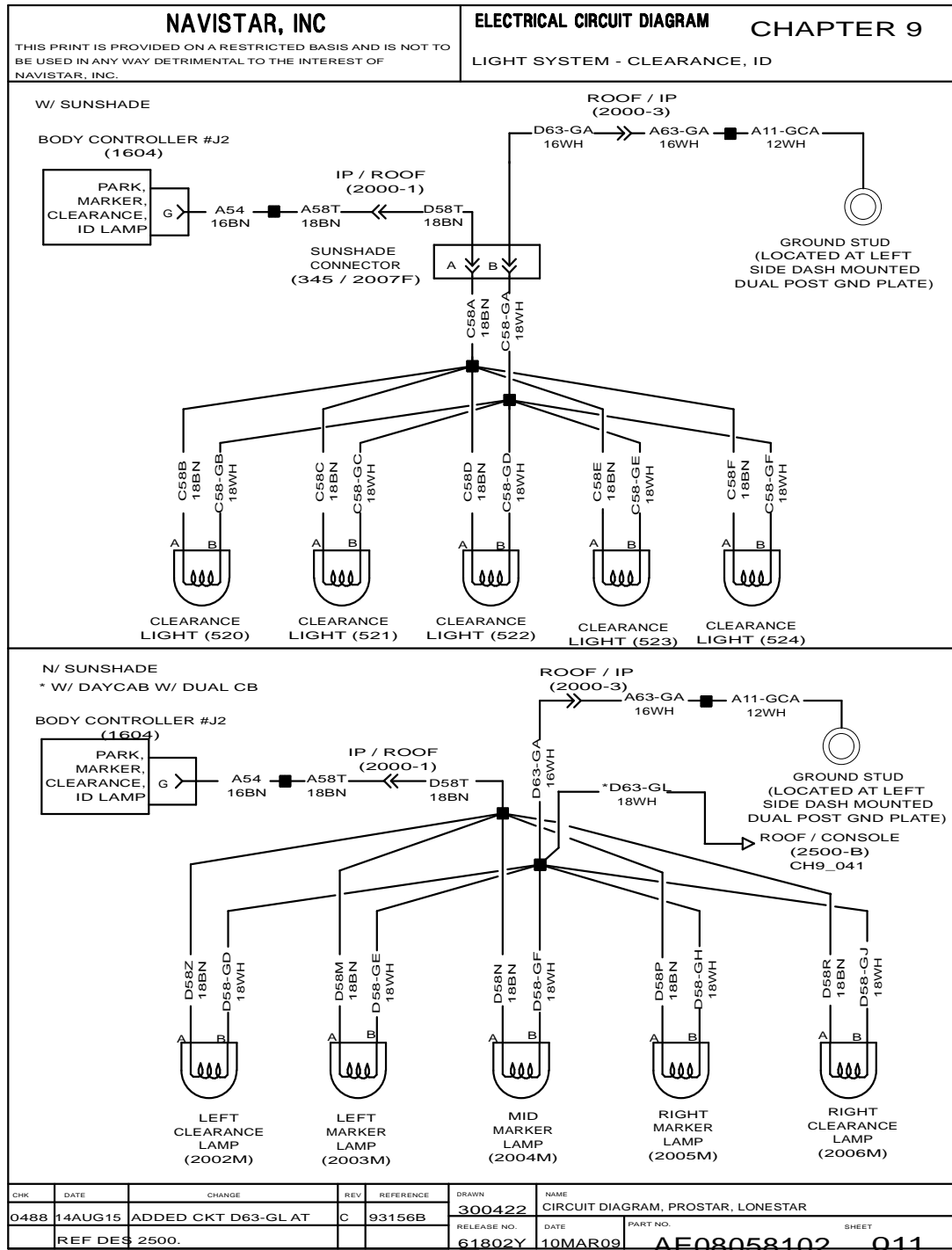


Figure 279 Light System – Clearance, ID

9.21. LIGHT SYSTEM – SKIRT LIGHT, P. 12

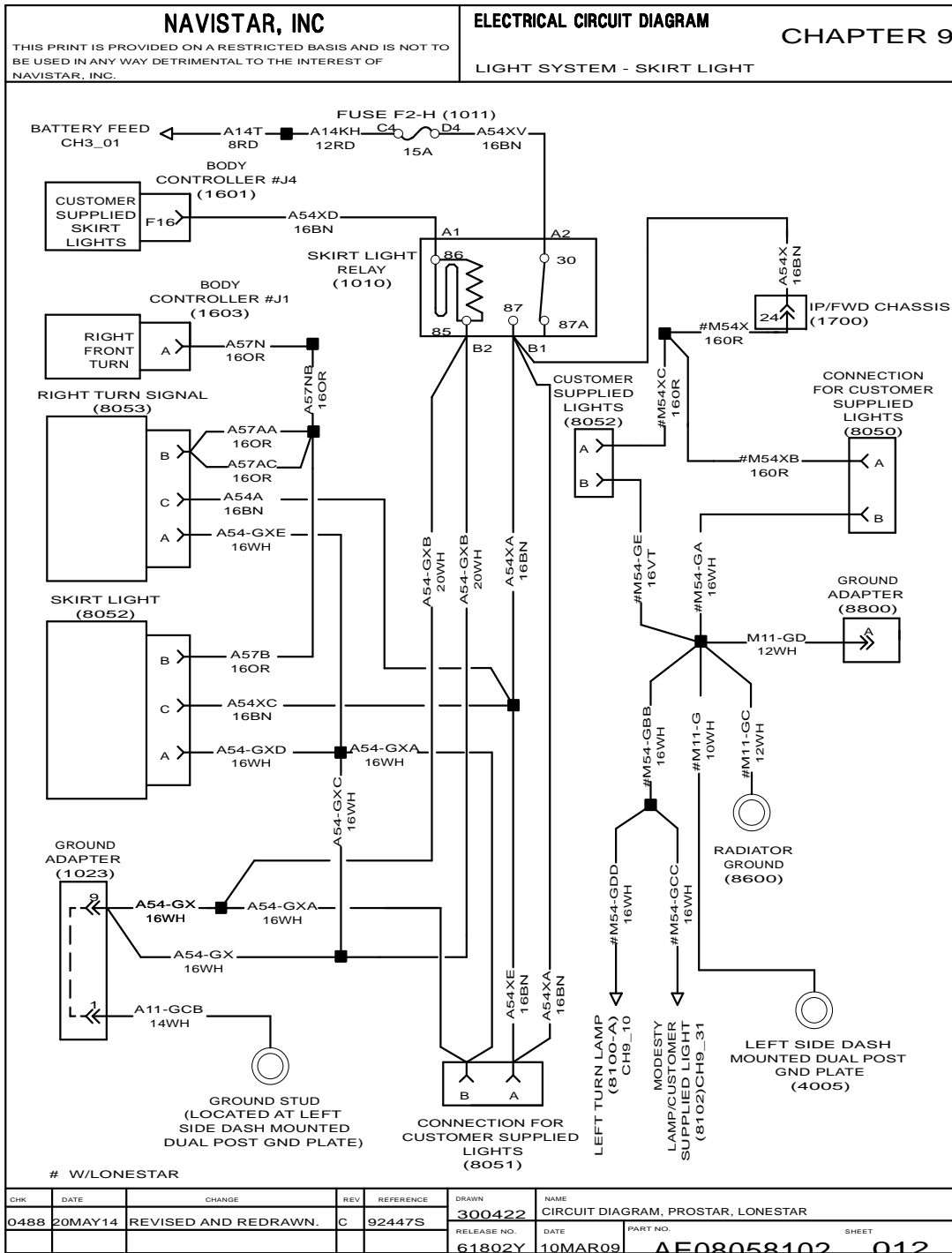


Figure 280 Light System – Skirt Light

9.22. LIGHT SYSTEM – SKIRT LIGHT (CONT.), P. 12A

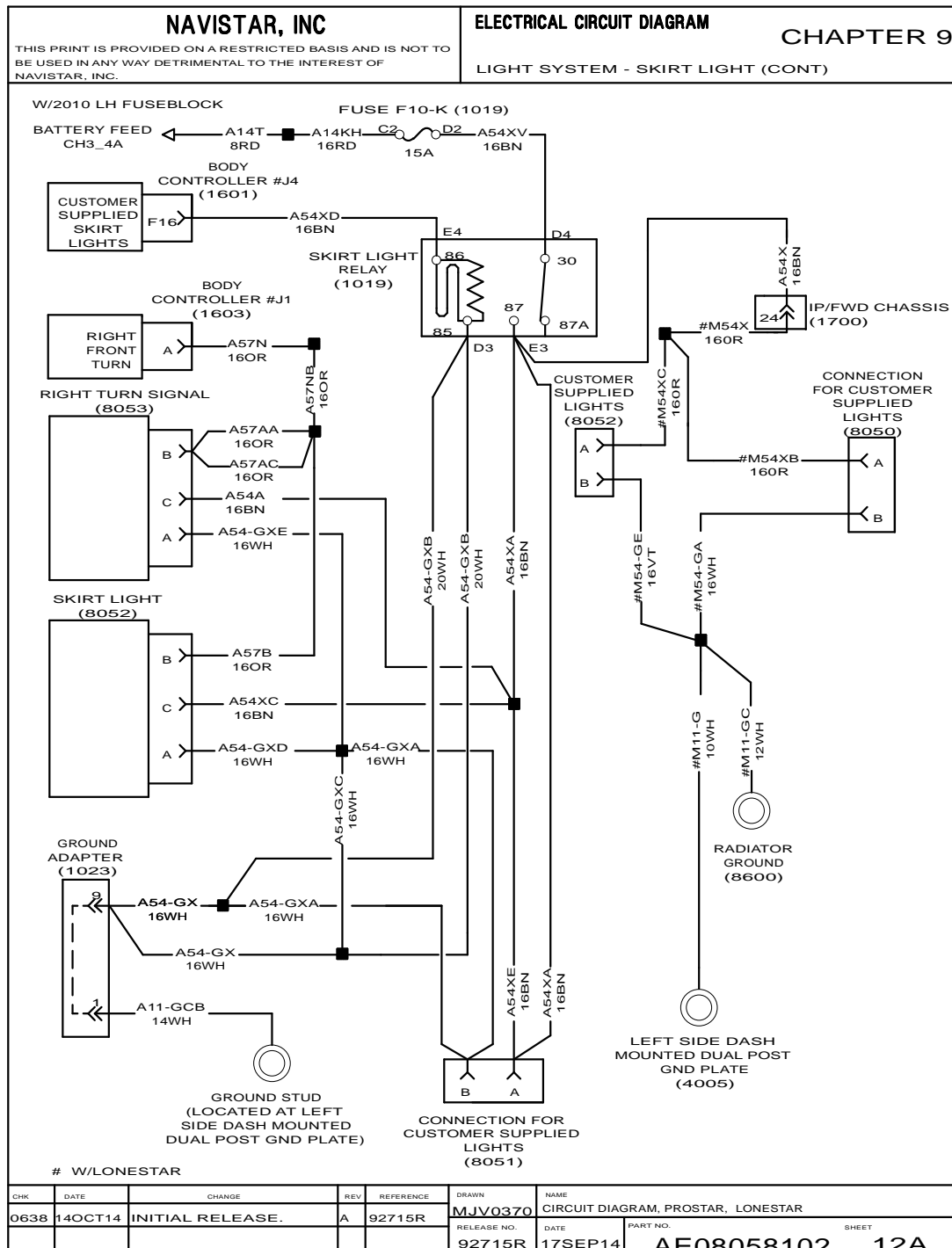


Figure 281 Light System – Skirt Light (Cont.)

9.23. TRAILER LIGHT SYSTEM – MARKER, STOP, TAIL, TURN, P. 13

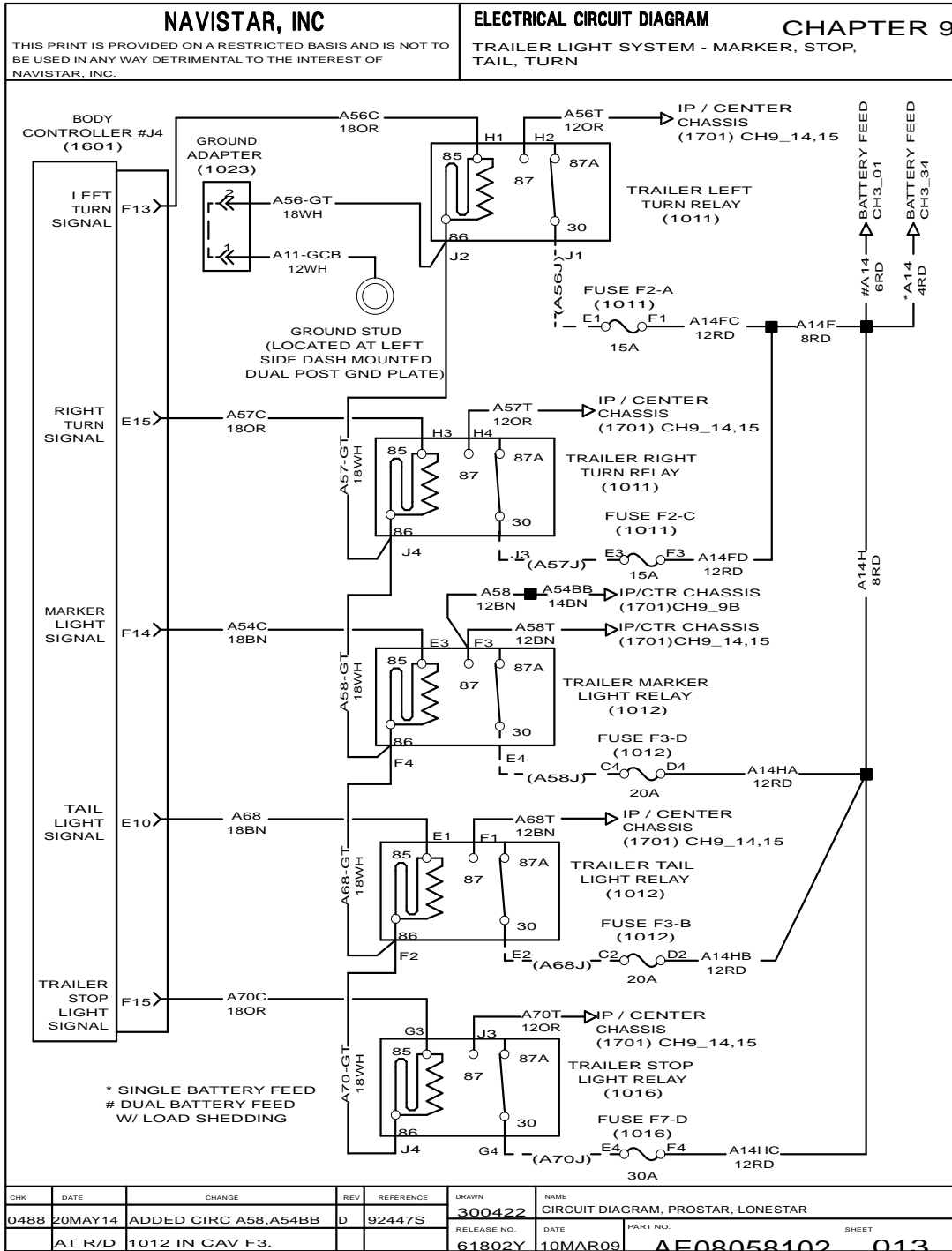


Figure 282 Trailer Light System – Marker, Stop, Tail, Turn



9.24. TRAILER LIGHT SYSTEM – MARKER, STOP, TAIL, TURN (CONT.), P. 13A

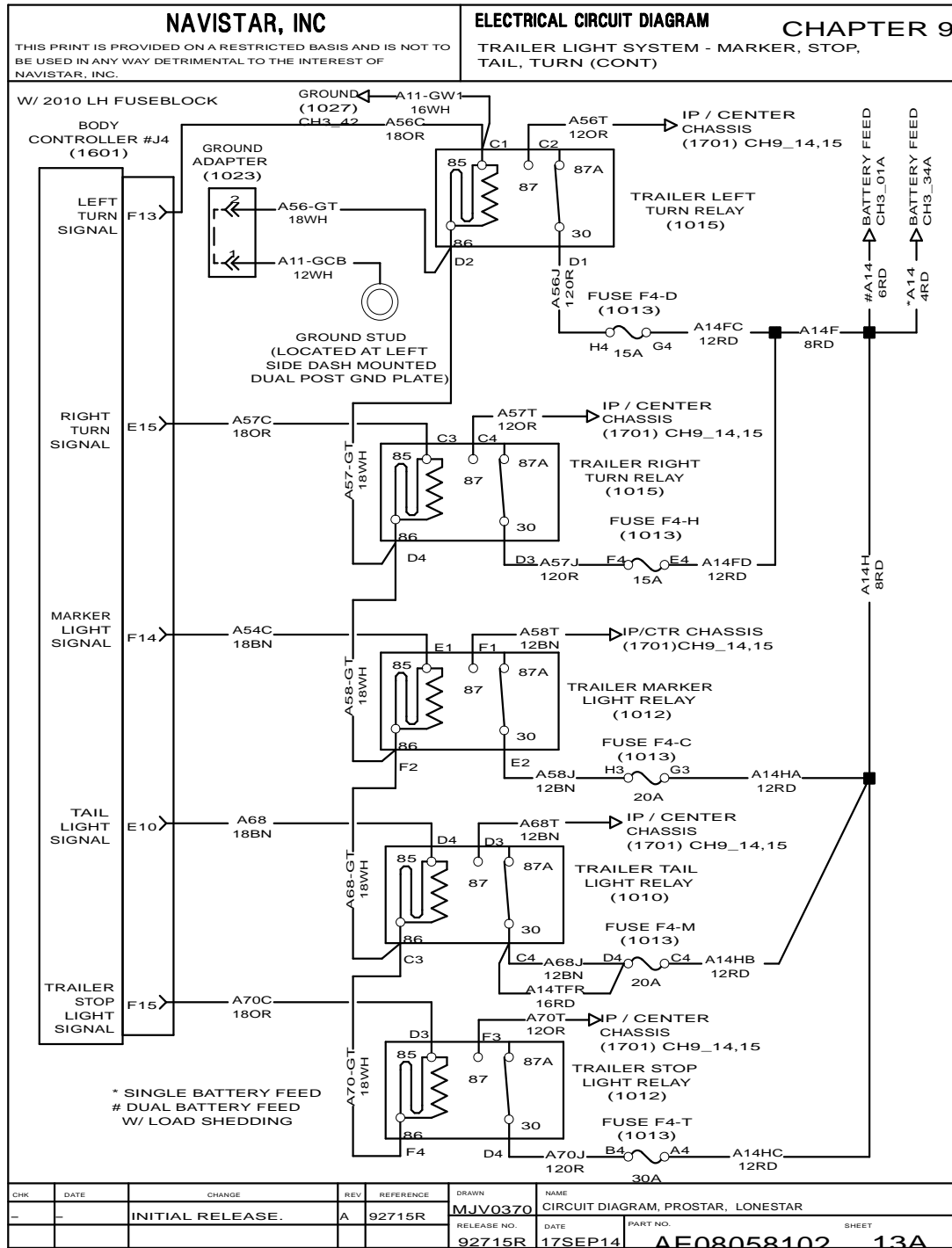


Figure 283 Trailer Light System – Marker, Stop, Tail, Turn (Cont.)

9.25. TRAILER SOCKET – BACK OF CAB, P. 14

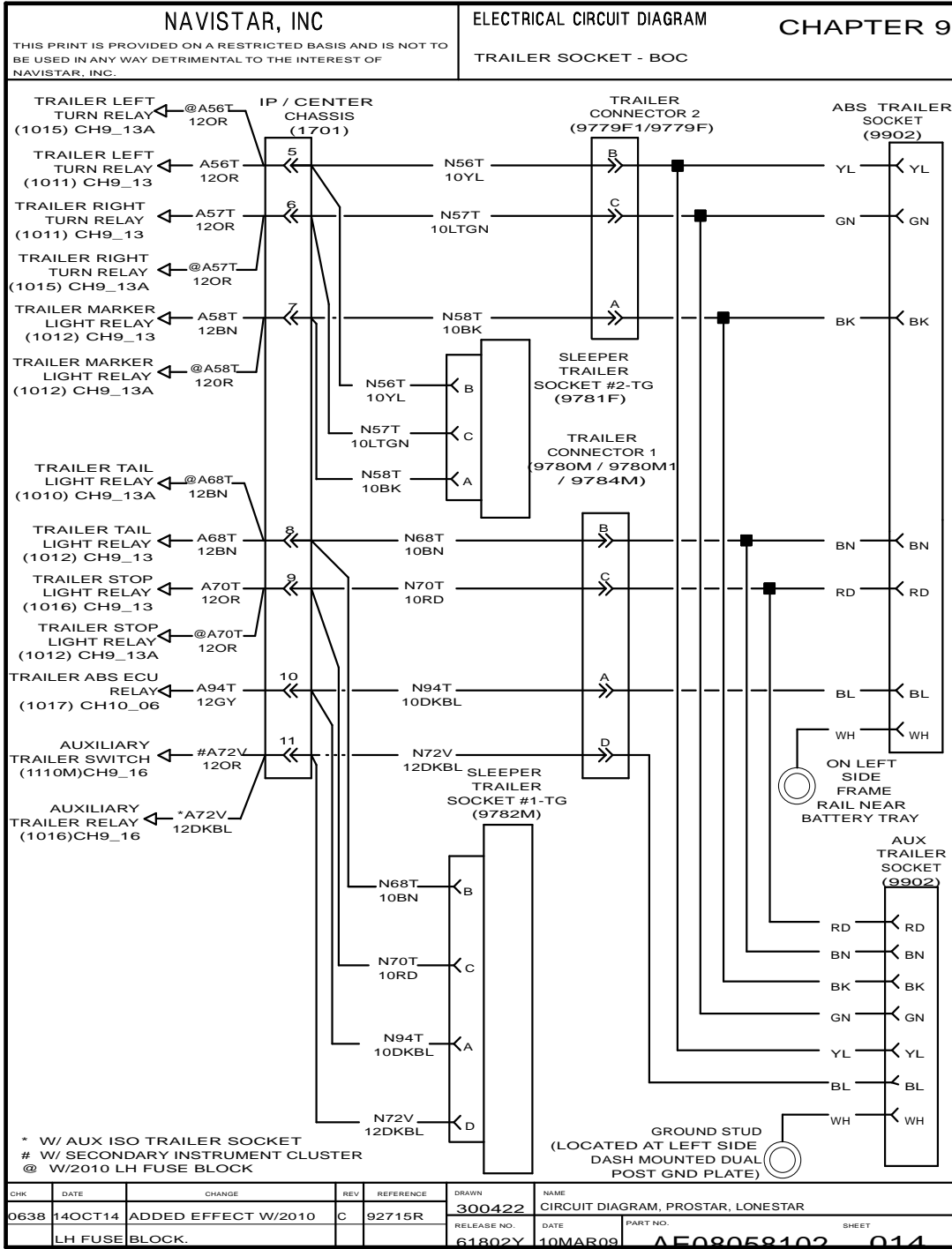


Figure 284 Trailer Socket – Back of Cab

9.26. TRAILER SOCKET – BACK OF CAB AND END OF FRAME, P. 15

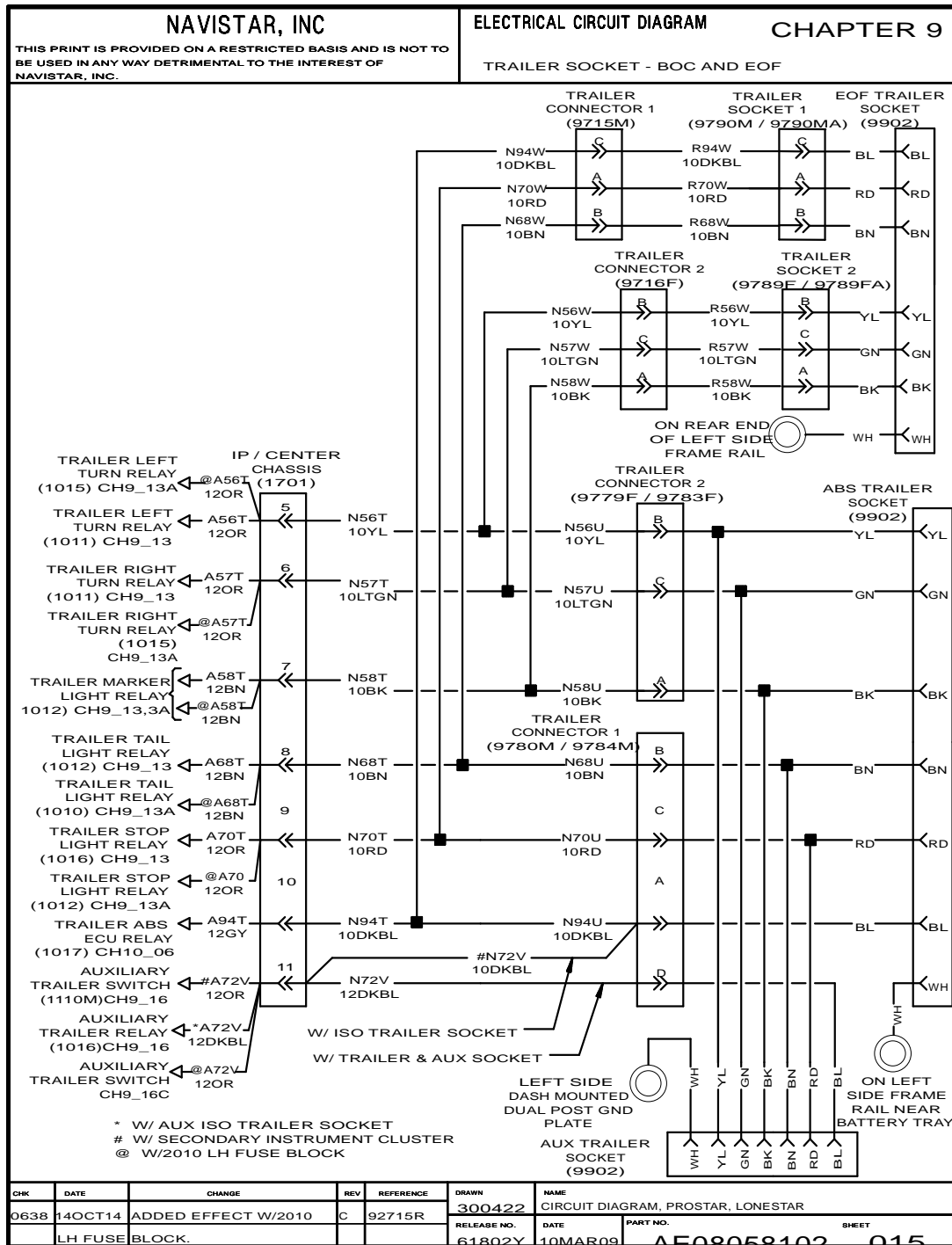


Figure 285 Trailer Socket – Back of Cab and End of Frame

9.27. TRAILER SOCKET WITH RUSSIAN PROSTAR, P. 15A

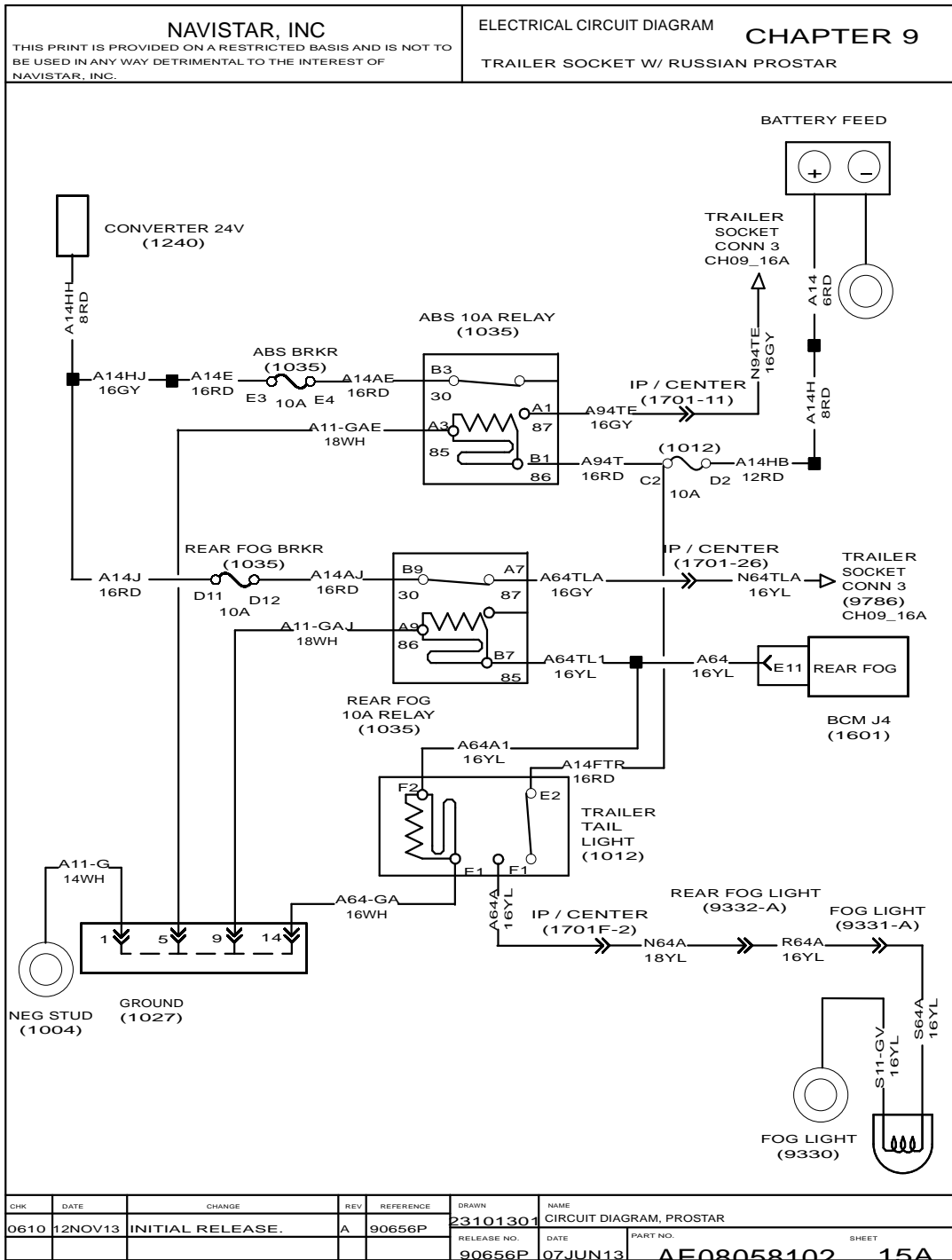


Figure 286 Trailer Socket with Russian ProStar

9.28. TRAILER SOCKET WITH RUSSIAN PROSTAR (CONT.), P. 15B

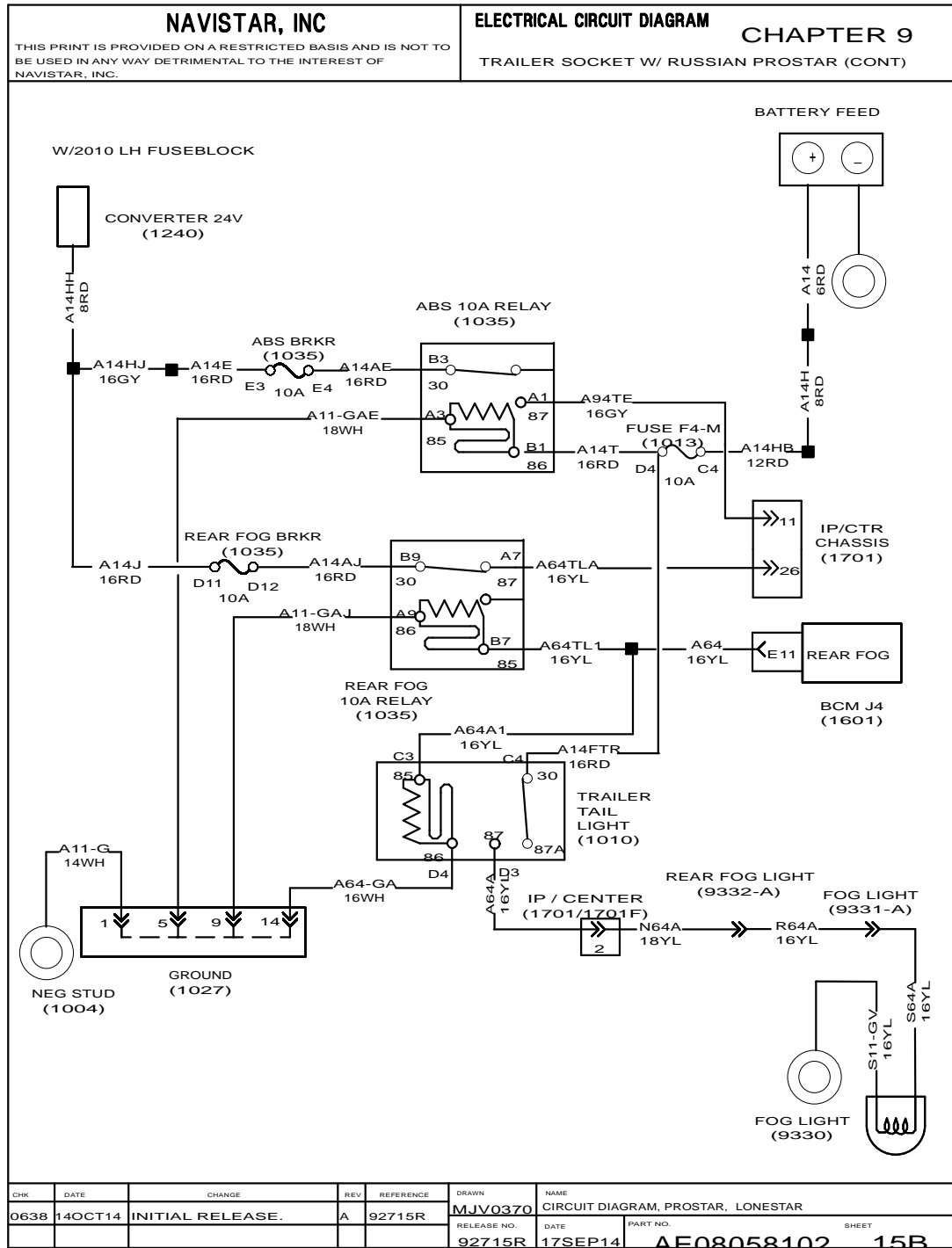


Figure 287 Trailer Socket with Russian ProStar (Cont.)

9.29. TRAILER SOCKET – AUXILIARY, P. 16

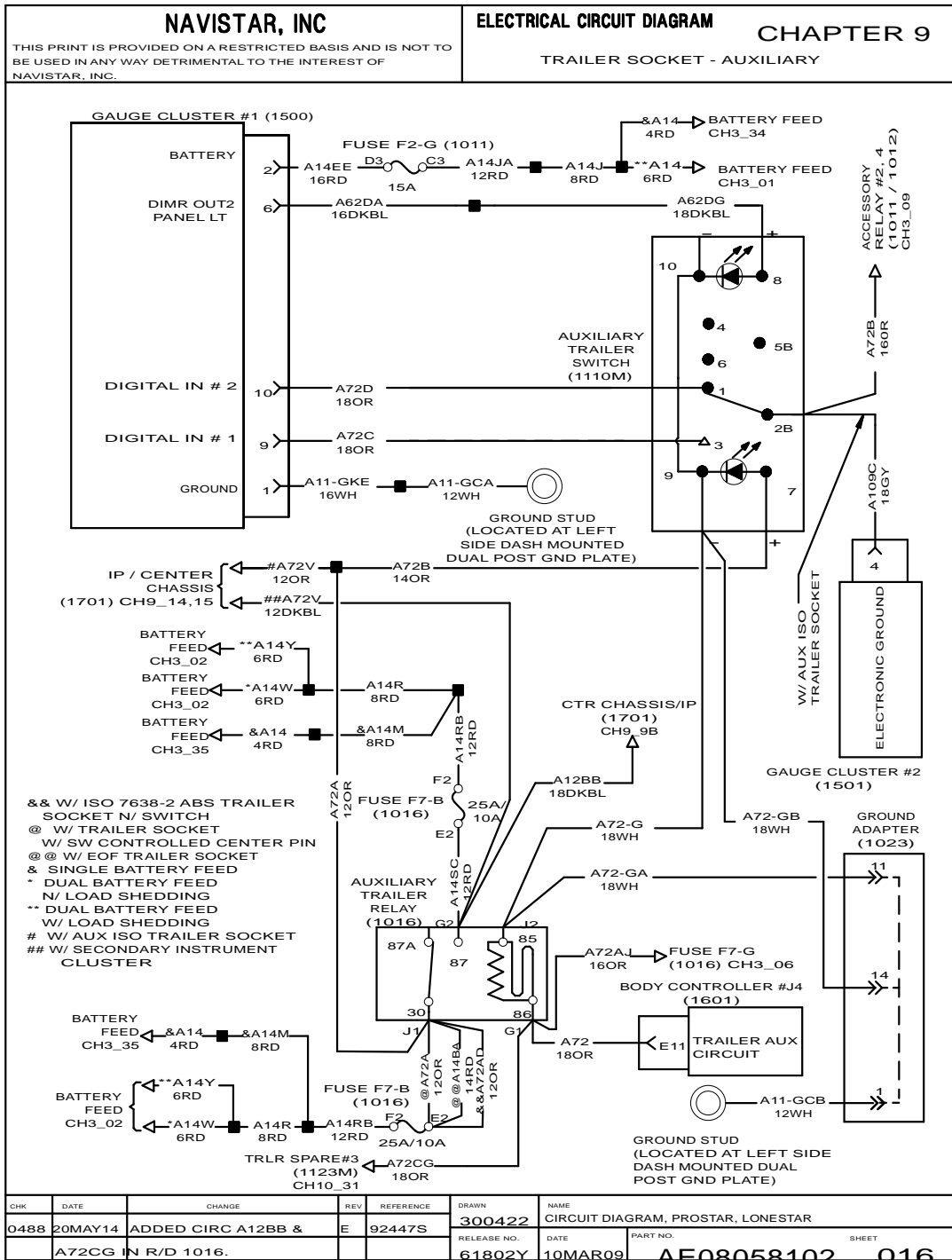


Figure 288 Trailer Socket – Auxiliary

9.30. TRAILER SOCKET – AUXILIARY WITH RUSSIAN PROSTAR, P. 16A

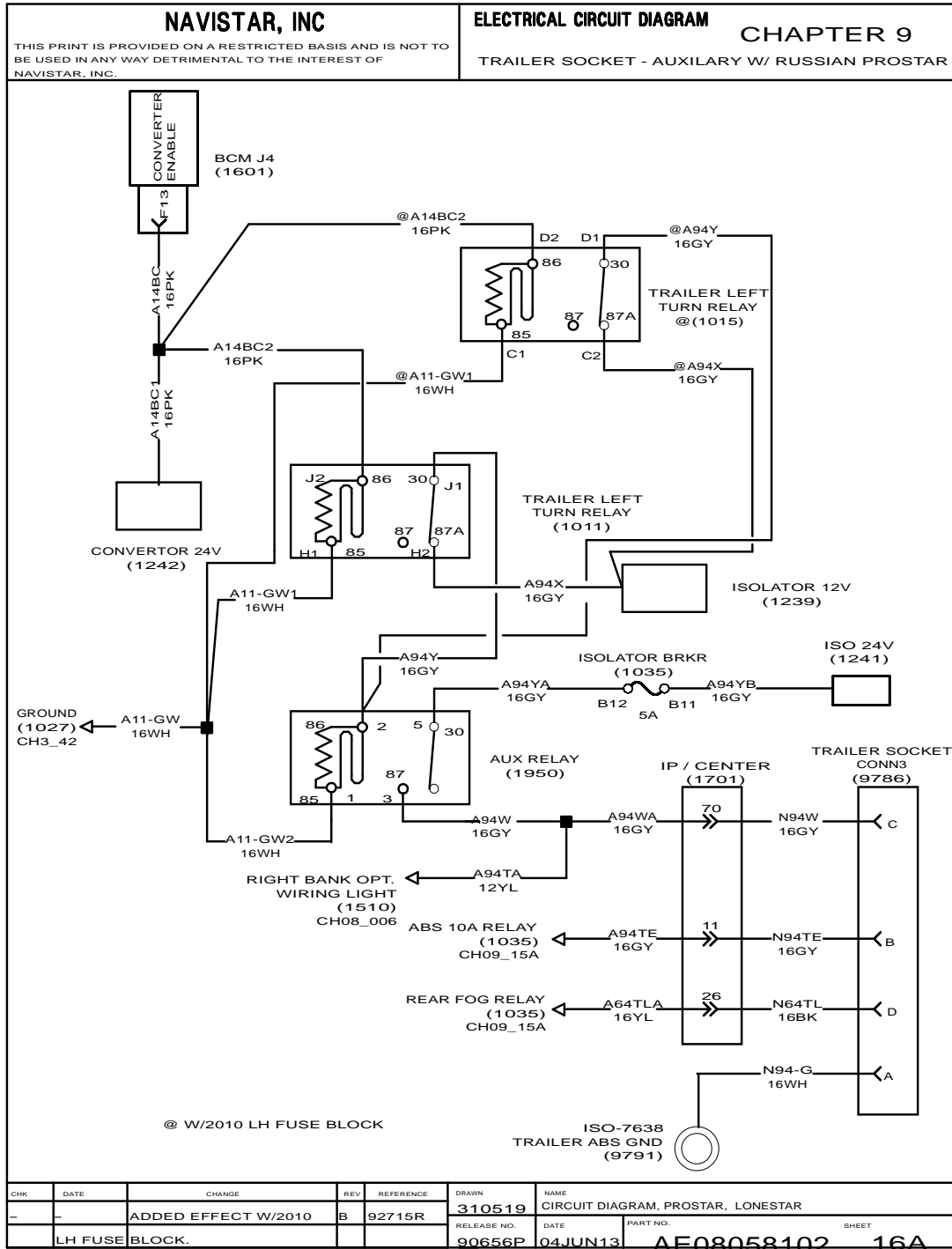


Figure 289 Trailer Socket – Auxiliary with Russian ProStar

9.31. AUXILIARY TRAILER SOCKET WITH 500K BAUD RATE, P. 16B

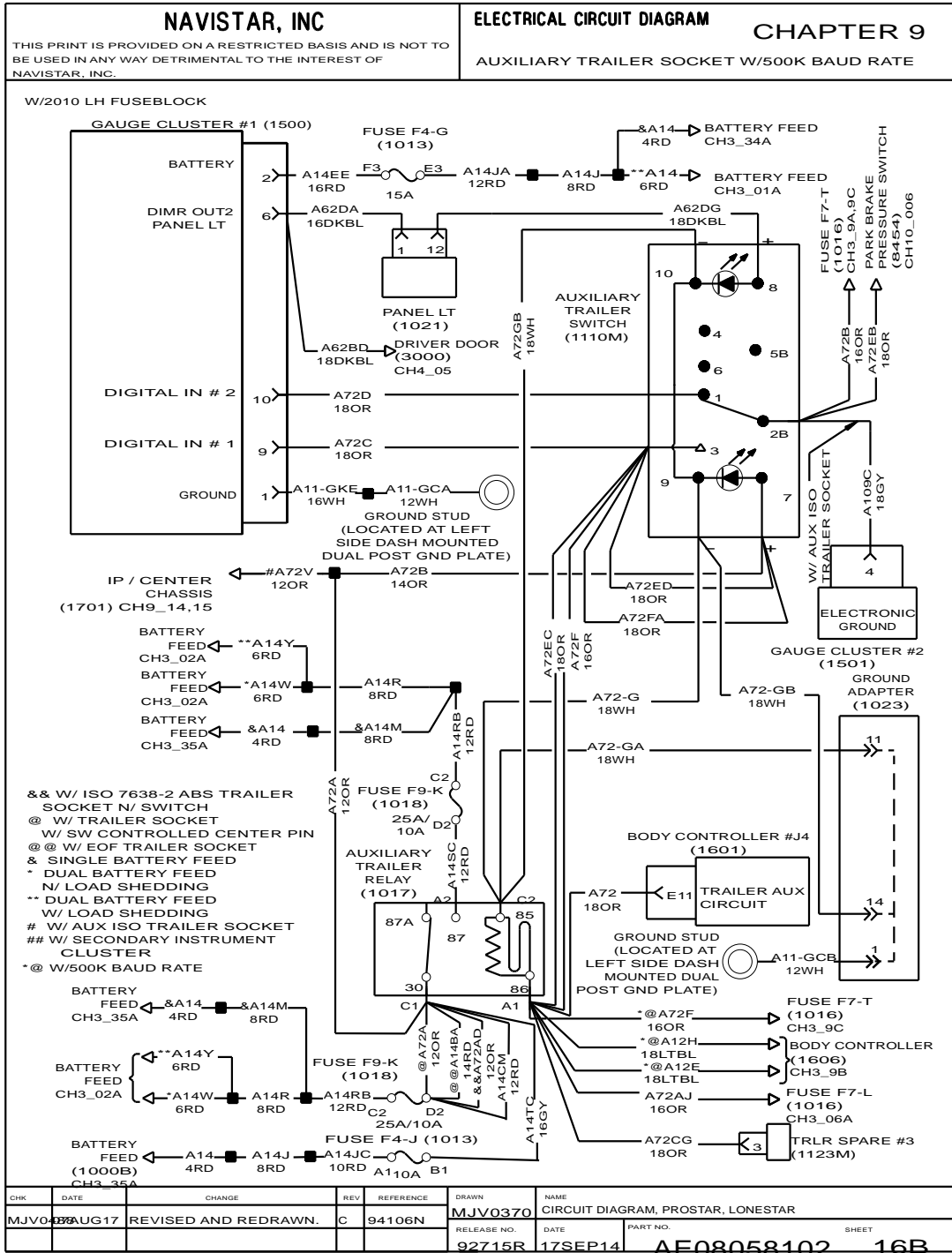


Figure 290 Auxiliary Trailer Socket with 500K Baud Rate



9.32. FLOOR LIGHT, P. 17

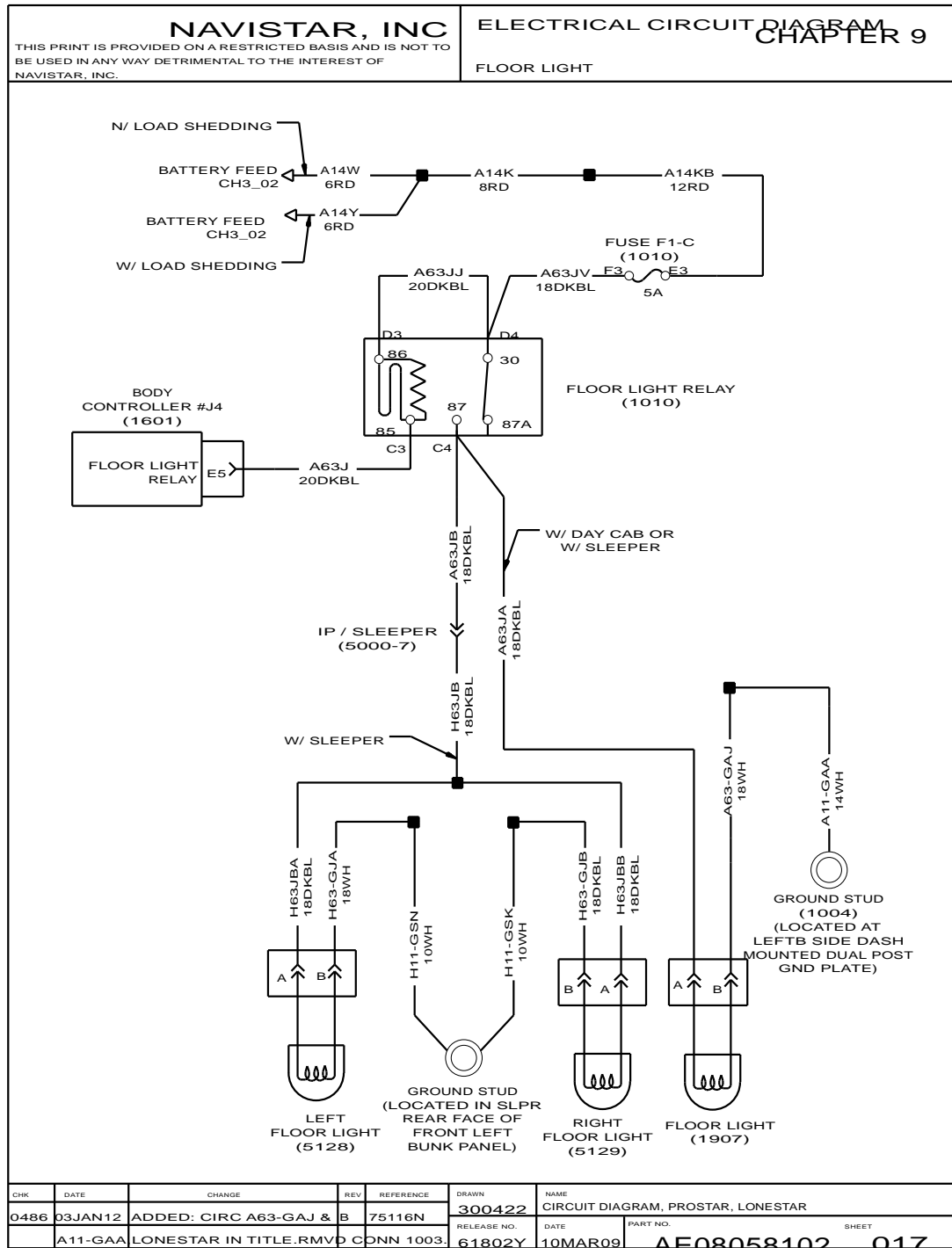


Figure 291 Floor Light

9.33. CRESCENT LIGHT LONESTAR, P. 17A

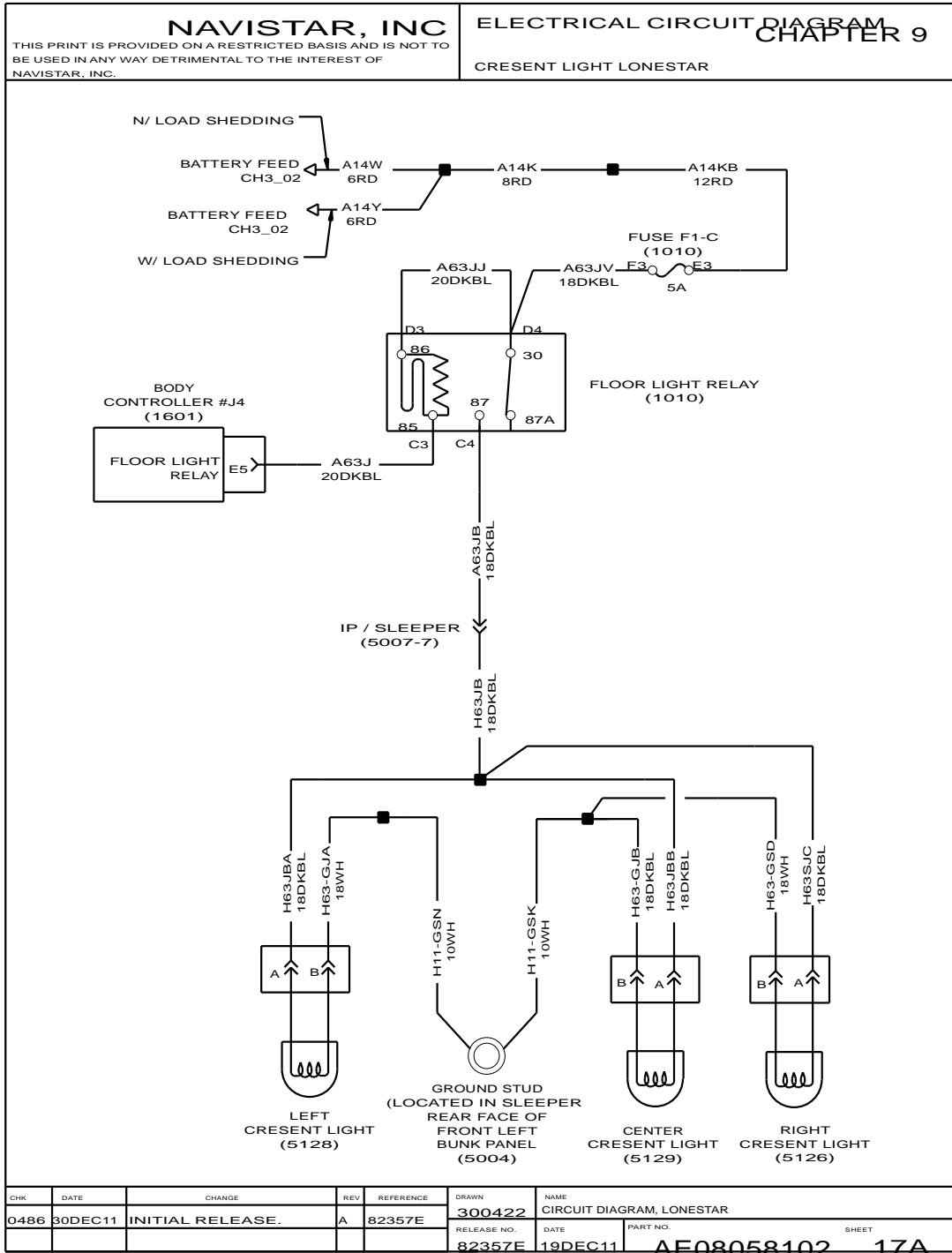


Figure 292 Crescent Light LoneStar

9.34. CRESCENT LIGHT LONESTAR (CONT.), P. 17B

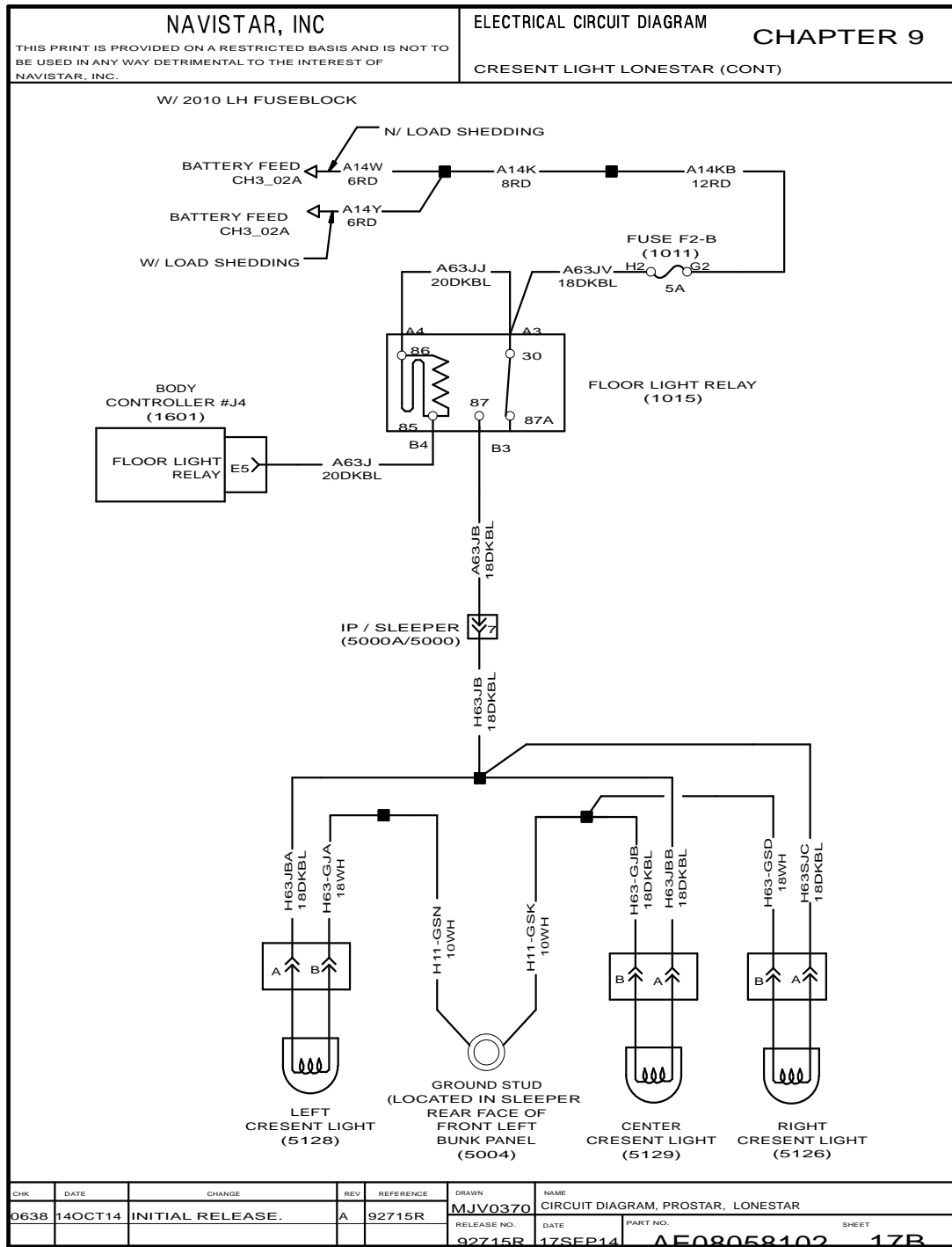
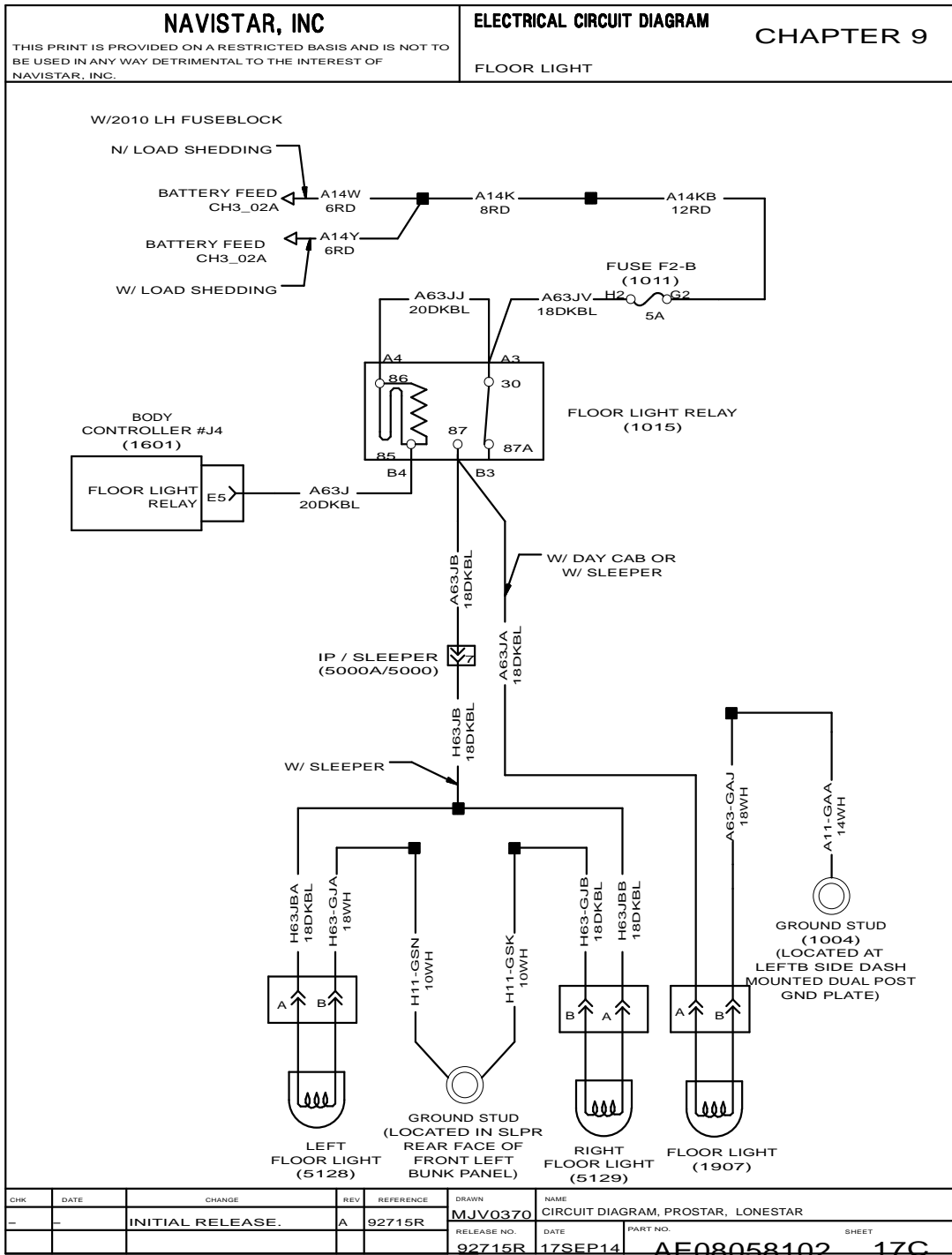


Figure 293 Crescent Light LoneStar (Cont.)

9.35. FLOOR LIGHT, P. 17C



9.36. DOME AND ACCENT LIGHT – SLEEPER, P. 18

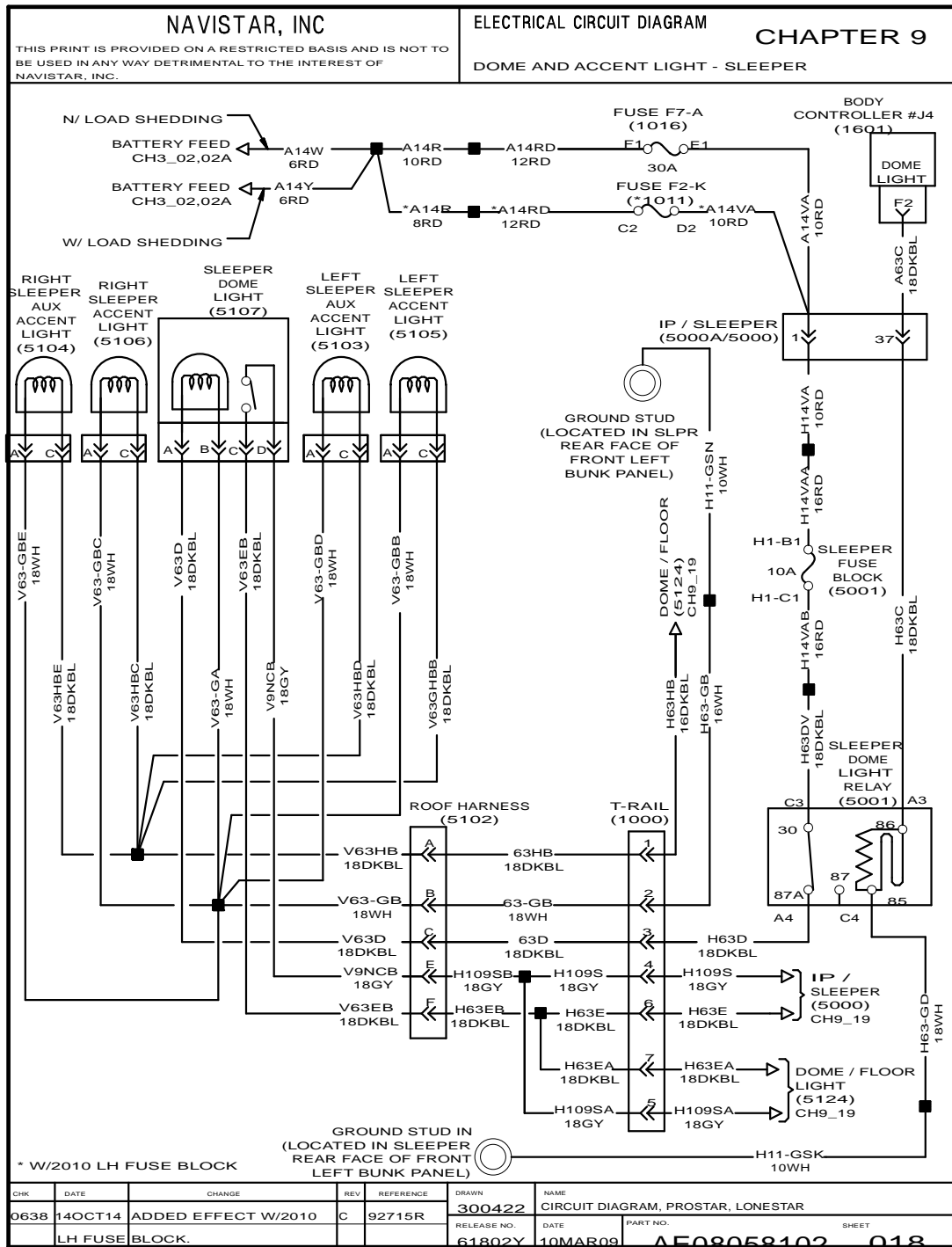


Figure 295 Dome and Accent Light – Sleeper

9.37. DOME AND ACCENT LIGHT – SLEEPER LONESTAR, P. 18A

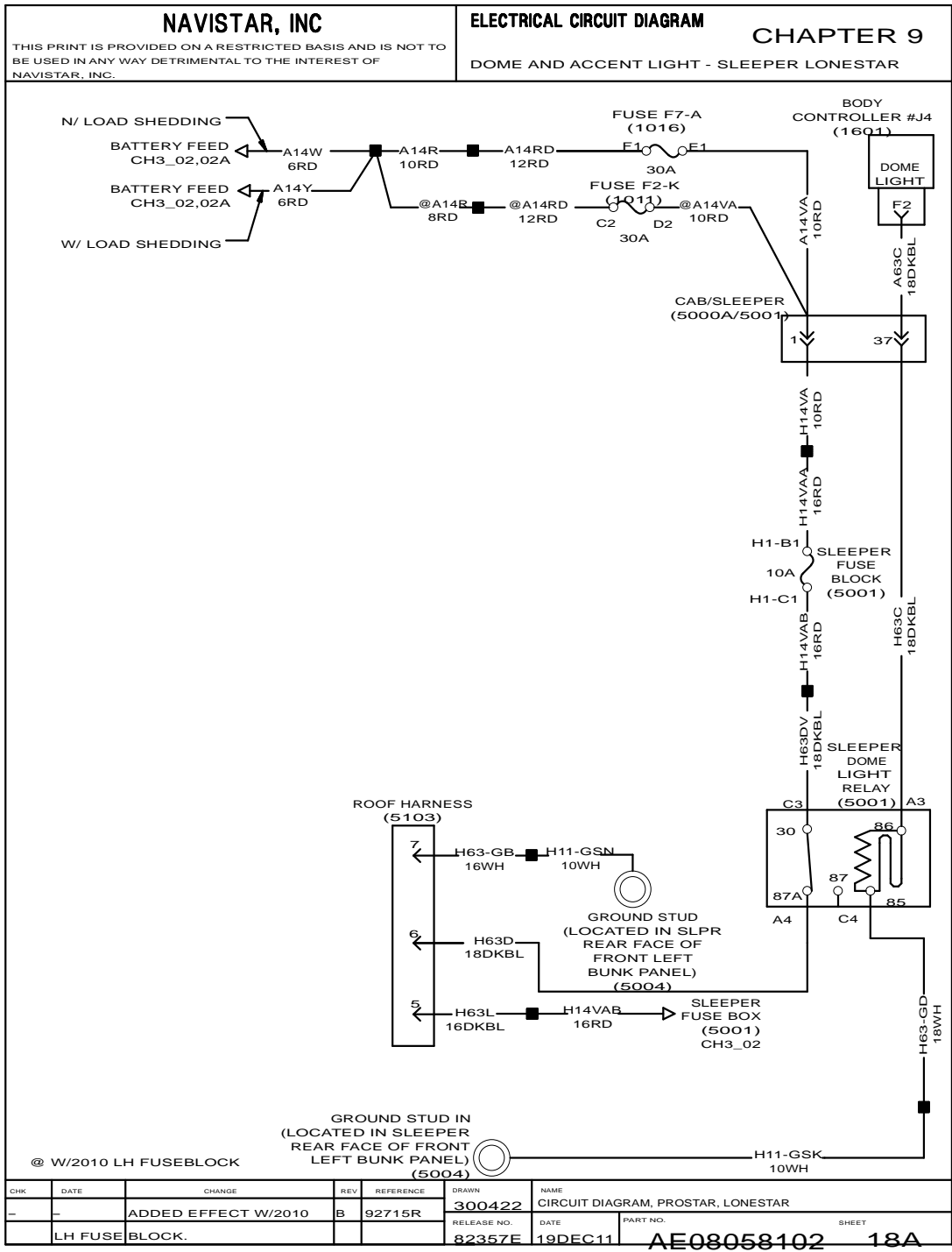


Figure 296 Dome and Accent Light – Sleeper LoneStar

9.38. DOME AND ACCENT LIGHT – SLEEPER (CONT.), P. 19

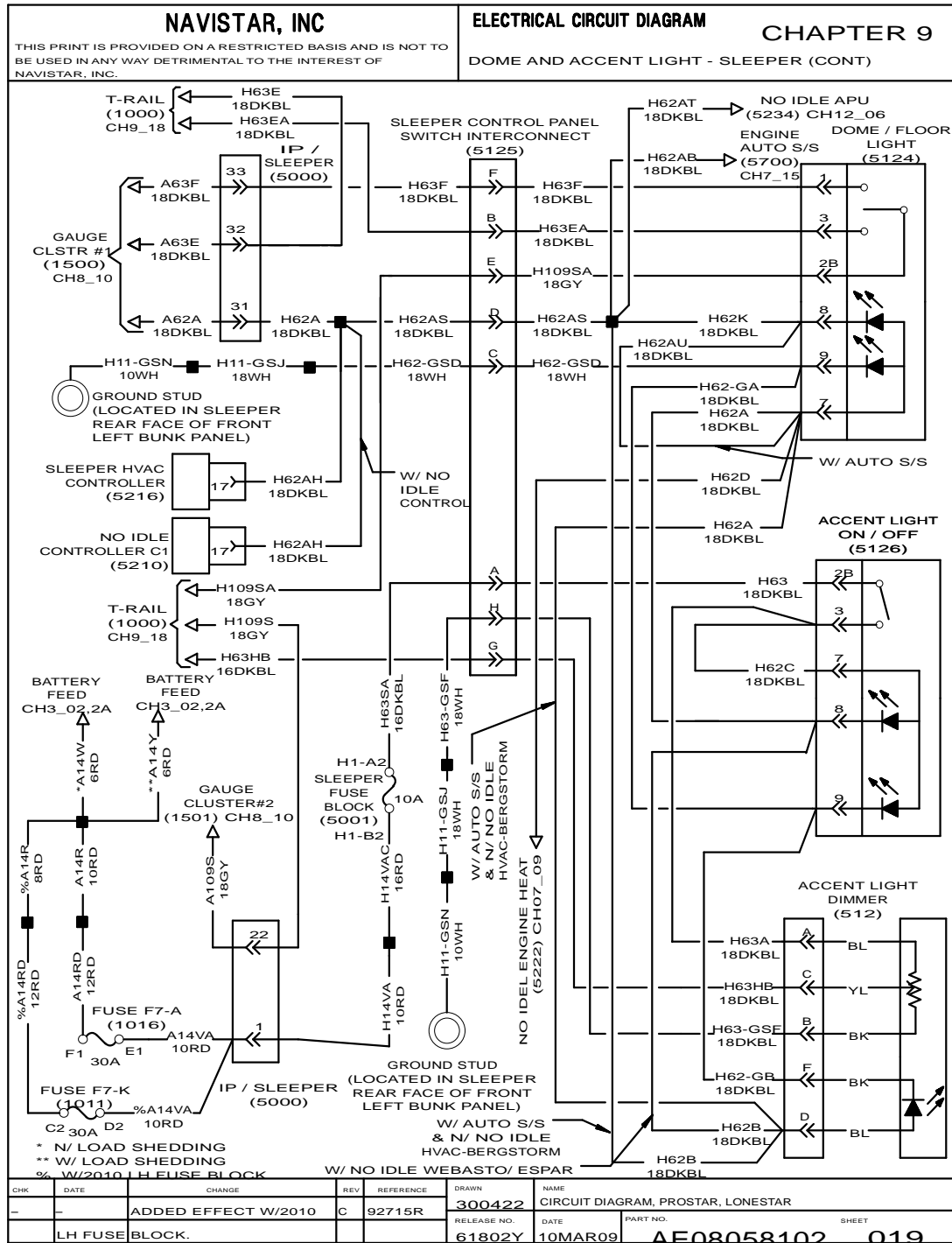


Figure 297 Dome and Accent Light – Sleeper (Cont.)

9.39. LIGHTED AIR SHIELD, P. 20

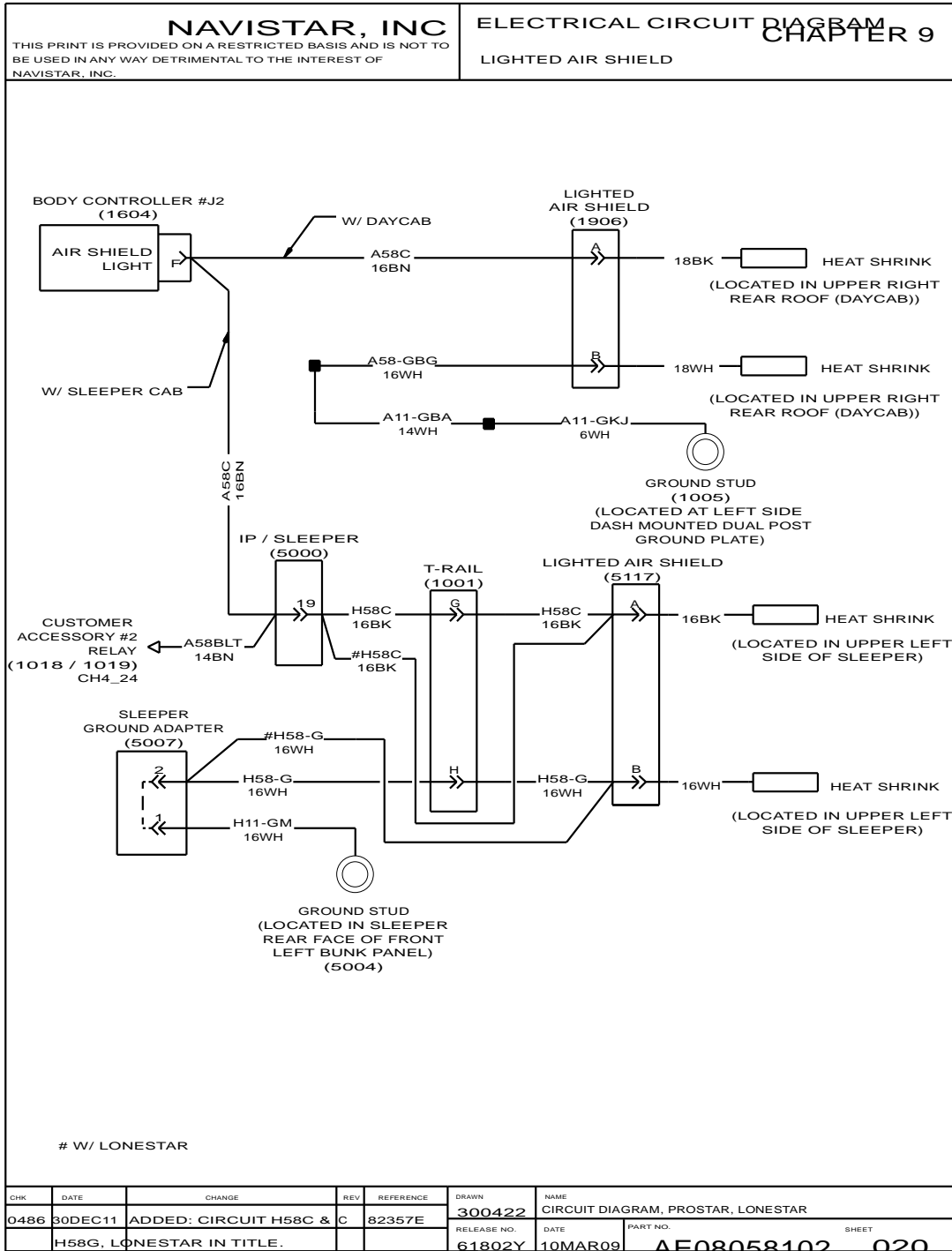


Figure 298 Lighted Air Shield



9.40. PANEL LIGHTS, P. 21

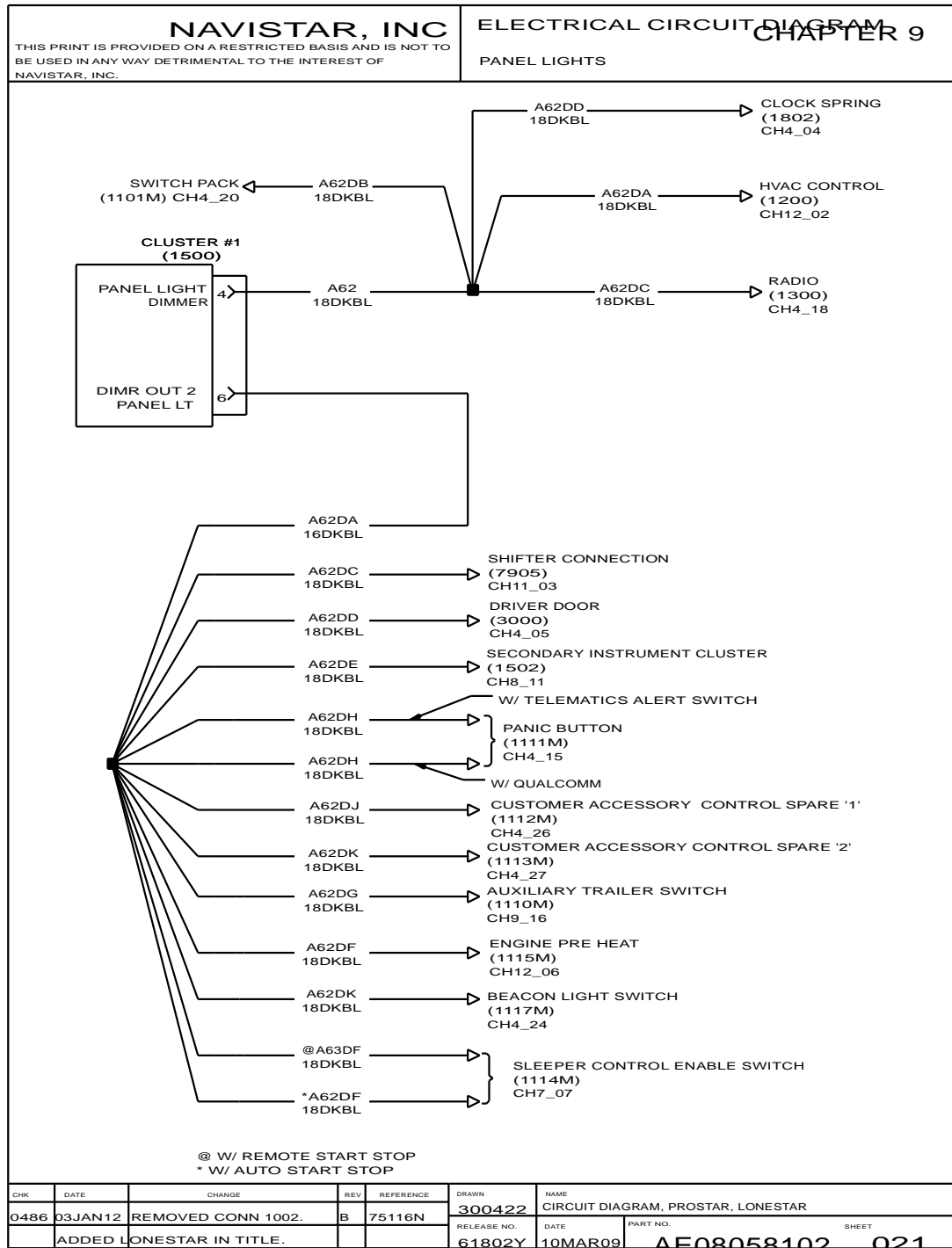


Figure 299 Panel Lights

9.41. WORK LIGHTS – DAY CAB, P. 22

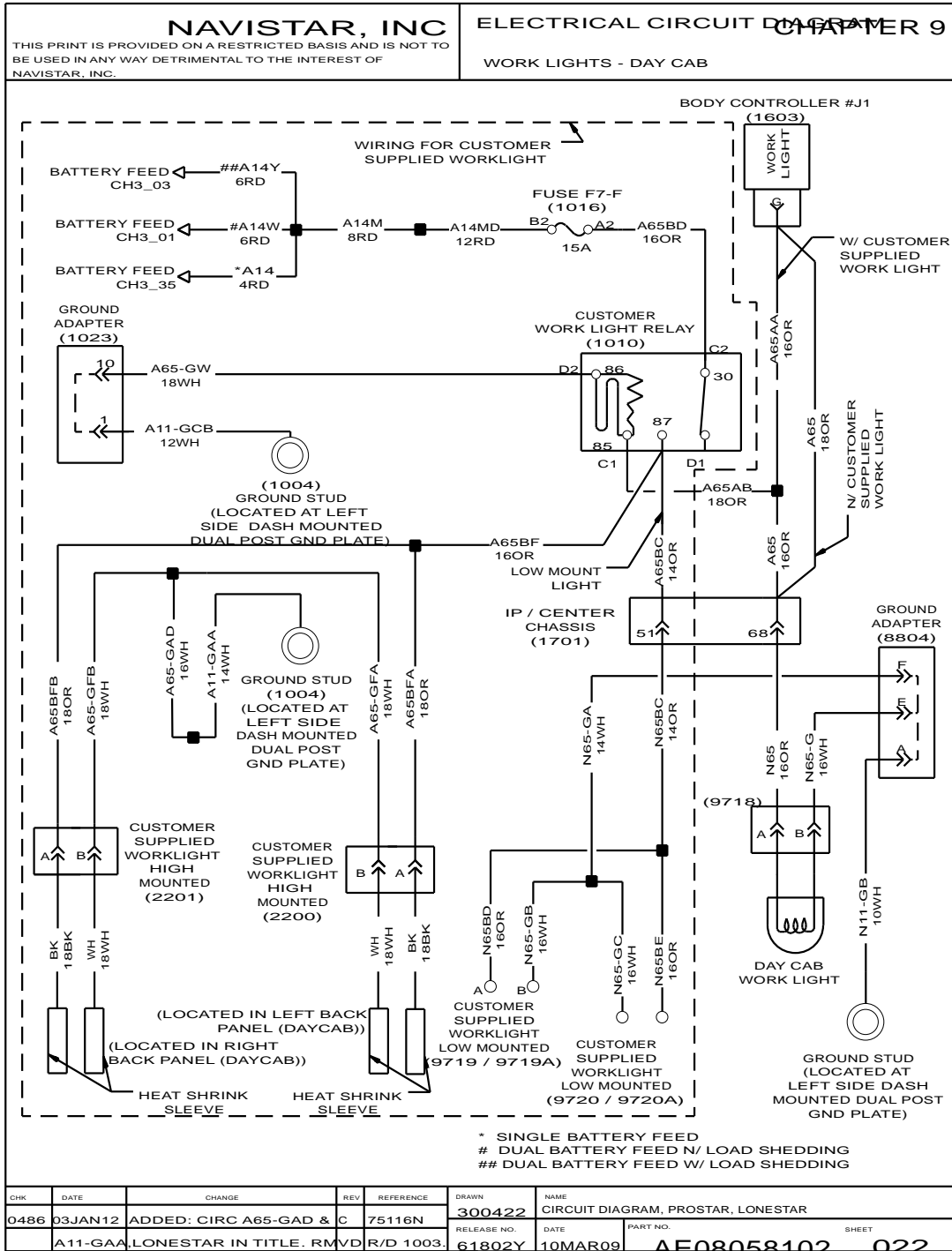


Figure 300 Work Lights – Day Cab

9.42. WORK LIGHTS – DAY CAB (CONT.), P. 22A

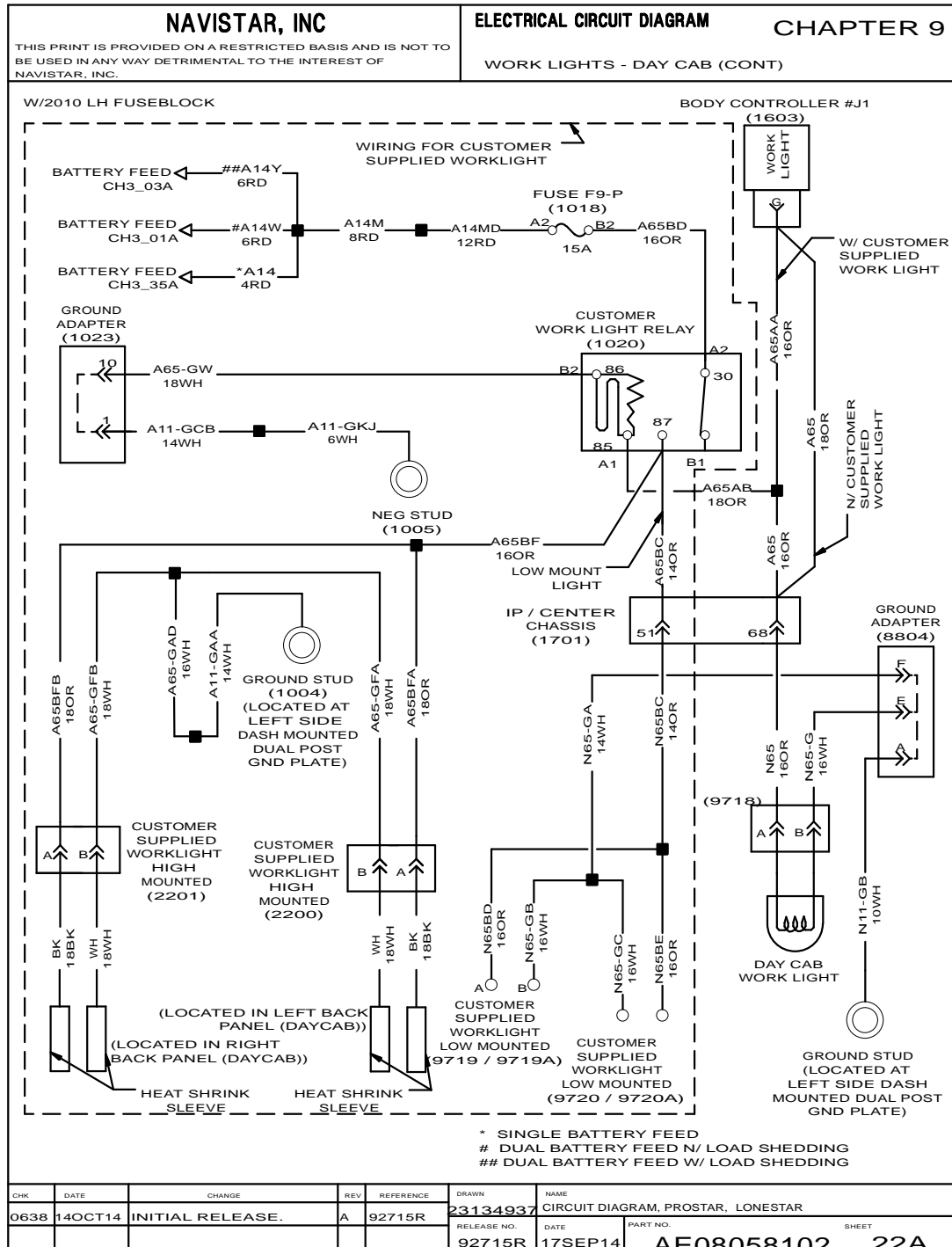


Figure 301 Work Lights – Day Cab (Cont.)

9.43. WORK LIGHTS – SLEEPER CAB, P. 23

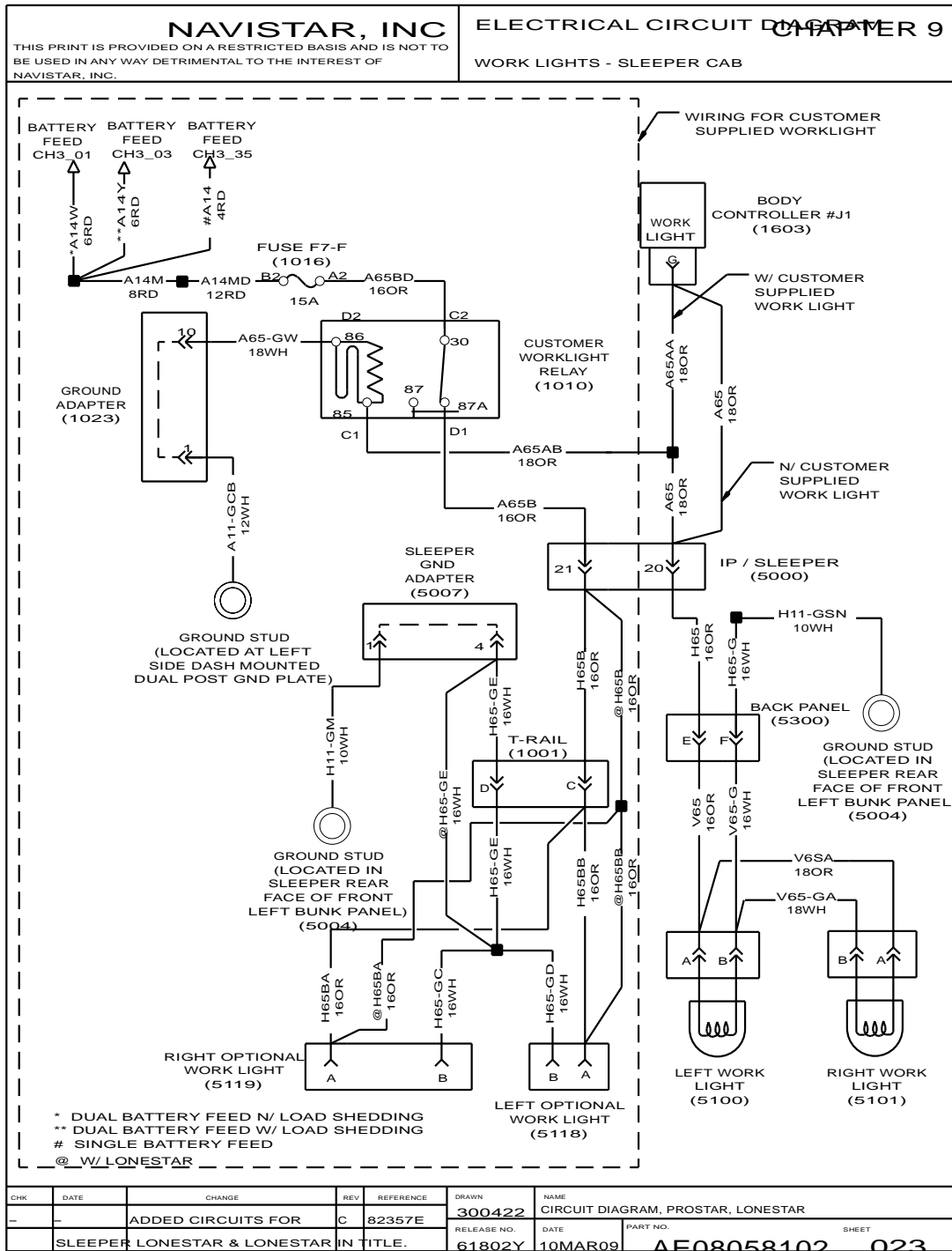


Figure 302 Work Lights – Sleeper Cab

9.44. WORK LIGHTS – SLEEPER CAB (CONT.), P. 23A

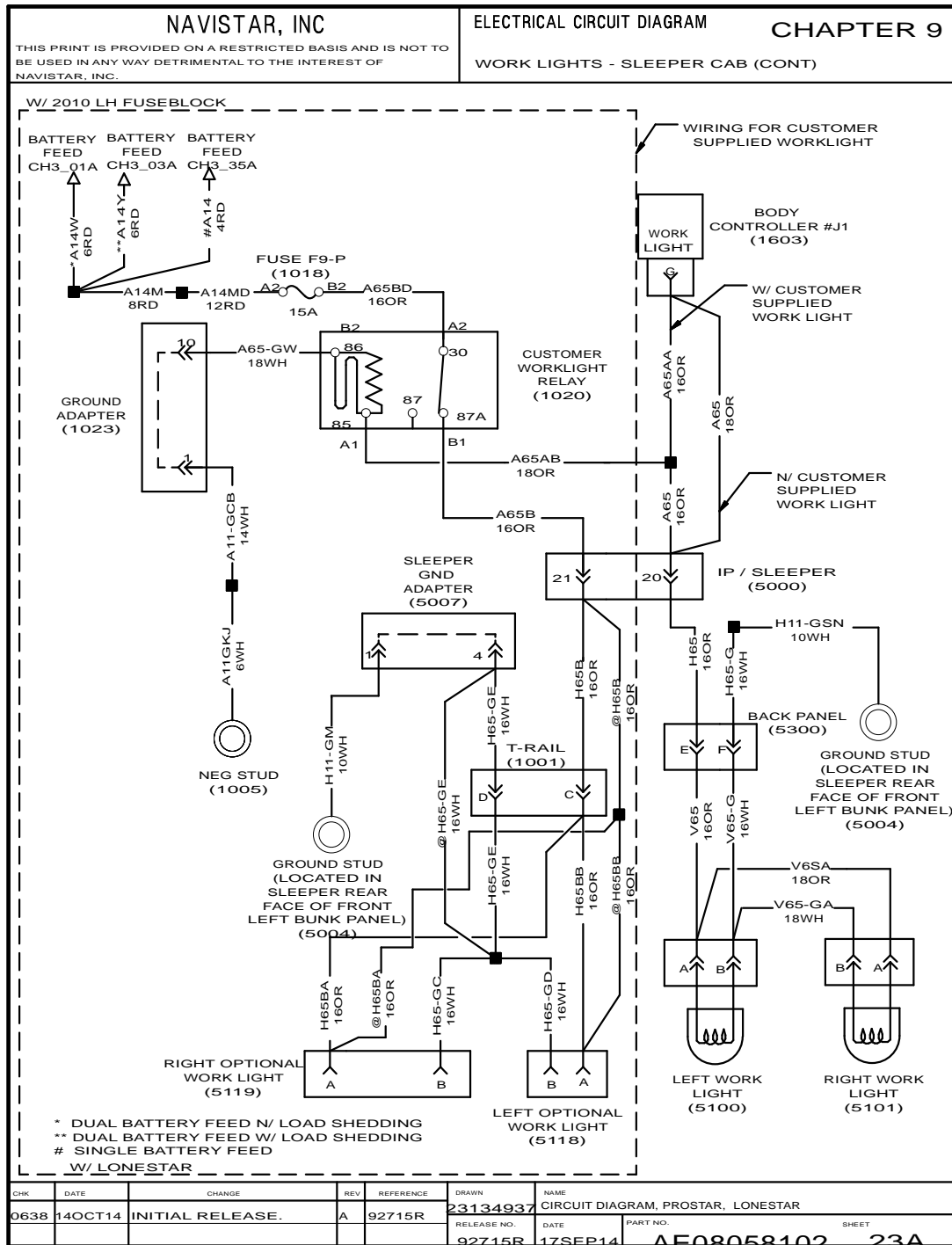


Figure 303 Work Lights – Sleeper Cab (Cont.)

9.45. DOME AND ACCENT LIGHT – SLEEPER, P. 24

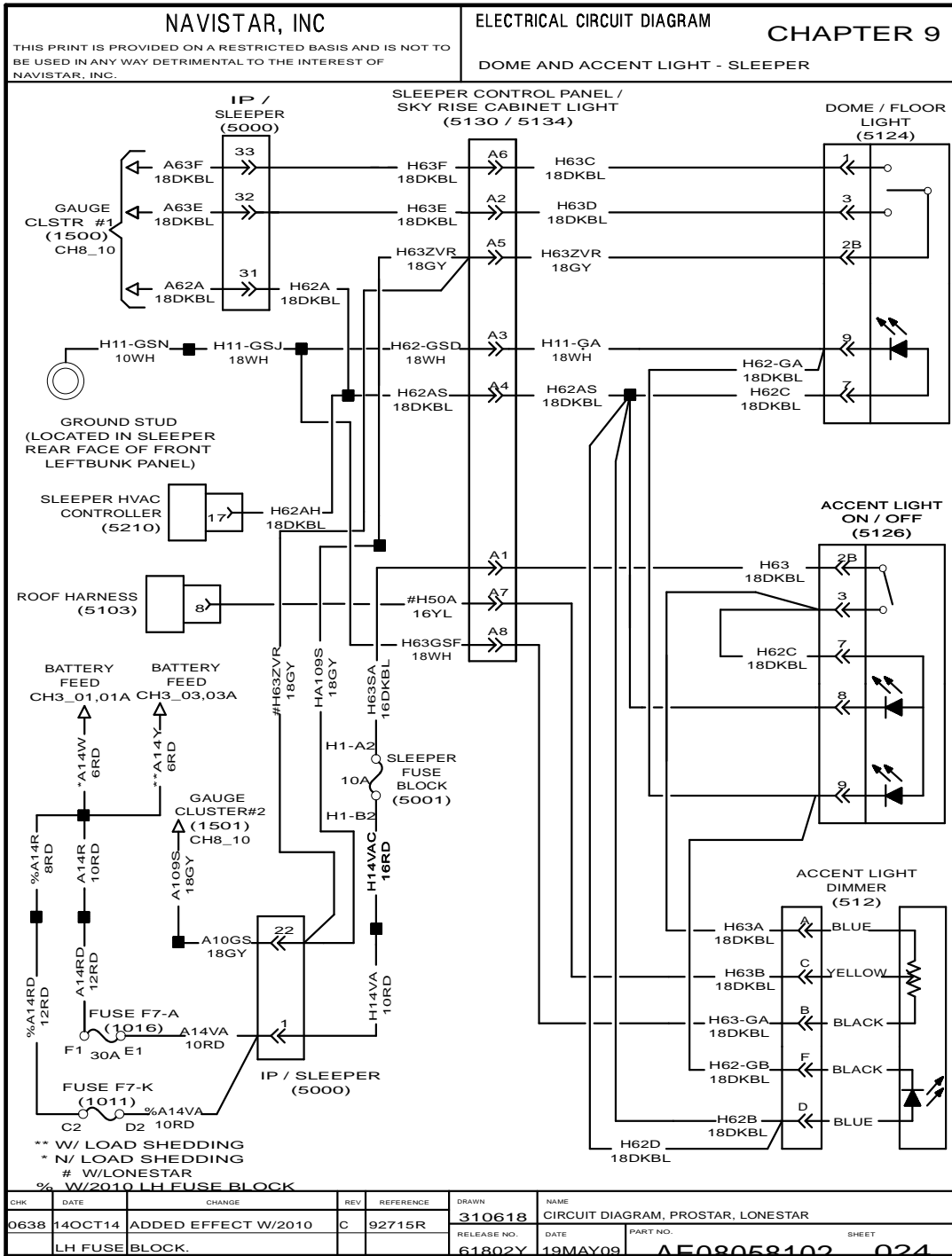


Figure 304 Dome and Accent Light – Sleeper

9.46. BEACON LIGHT LONESTAR, P. 25

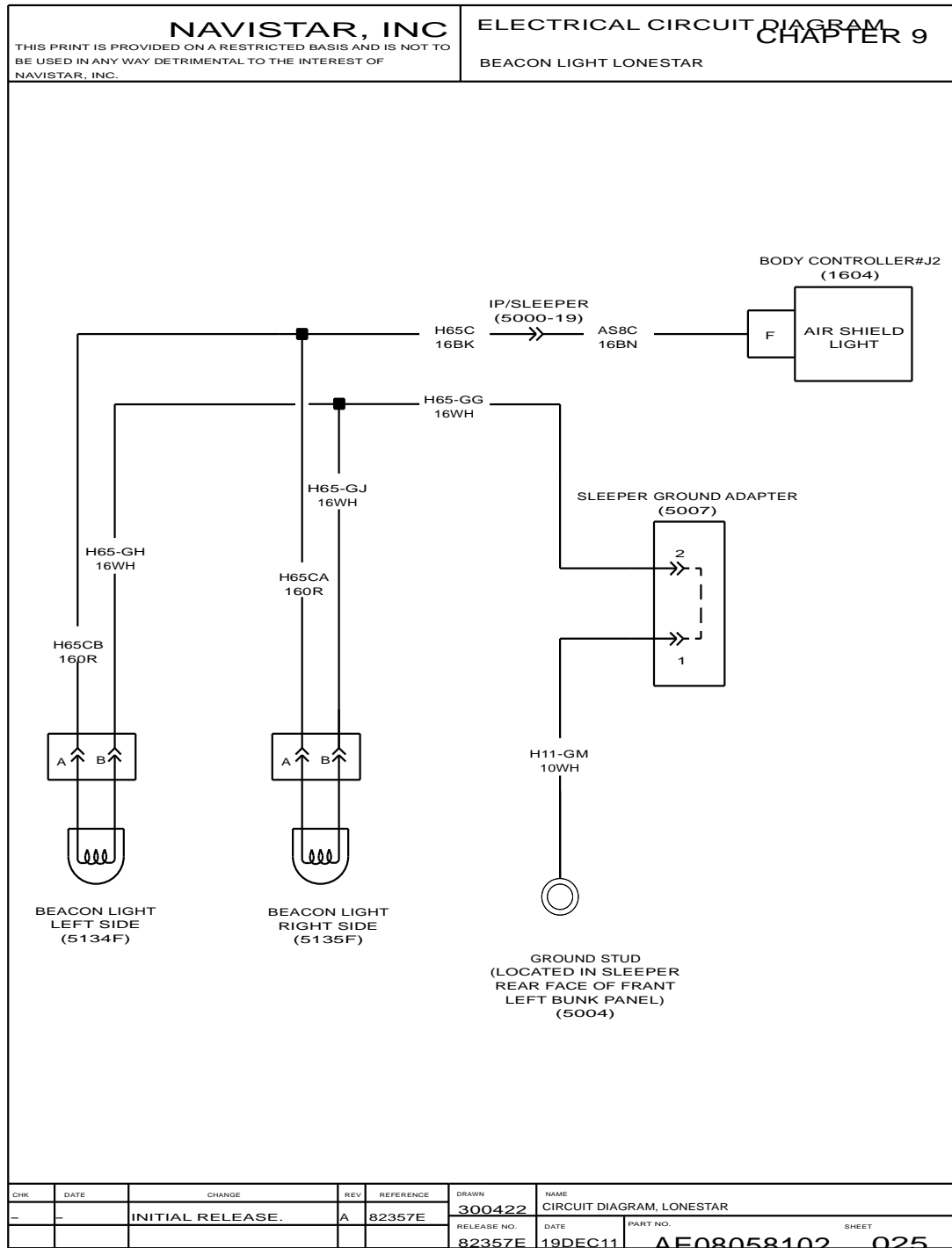


Figure 305 Beacon Light LoneStar

9.47. DFM WITH RUSSIAN PROSTAR, P. 26

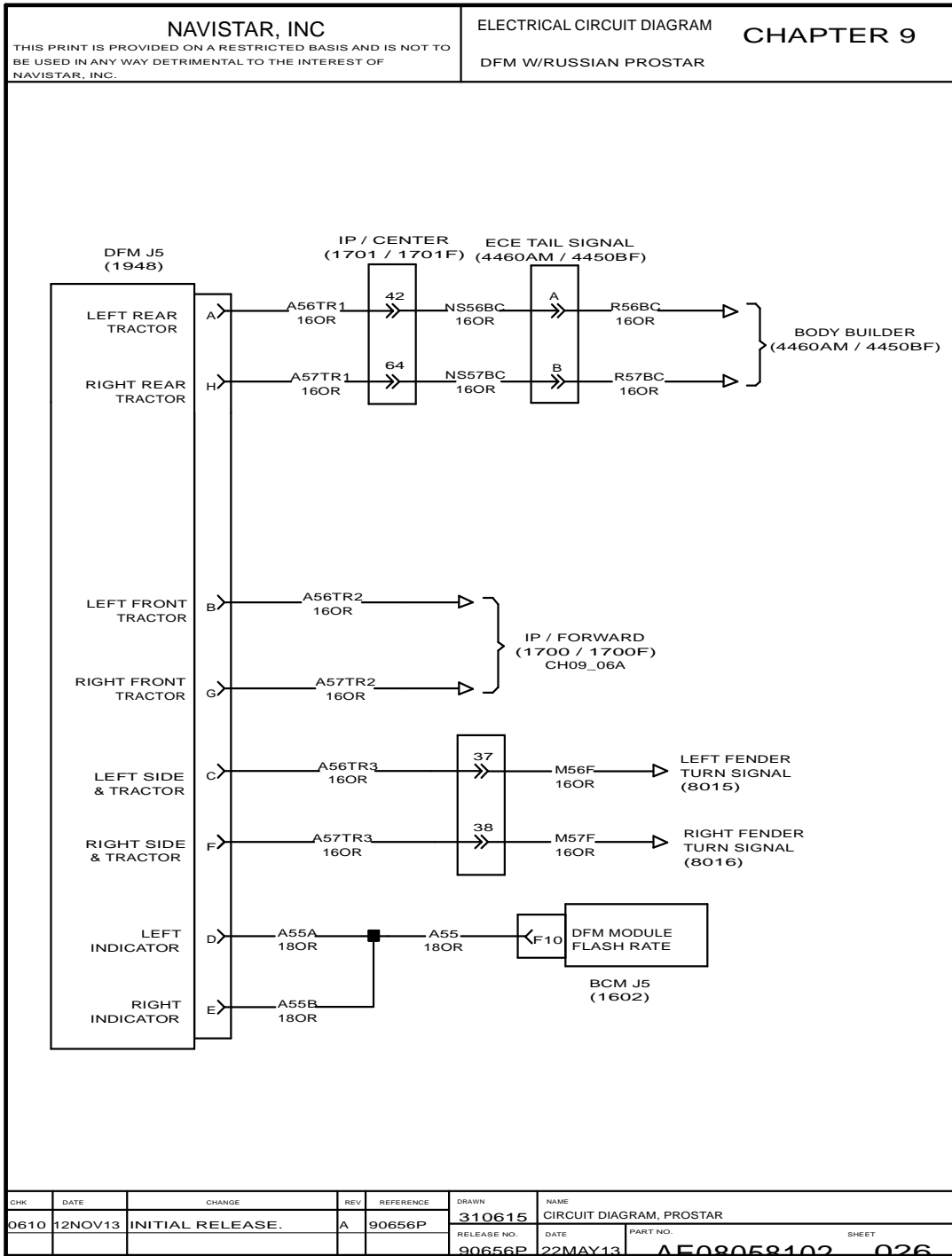


Figure 306 DFM with Russian ProStar



9.48. DFM WITH RUSSIAN PROSTAR (CONT.), P. 27

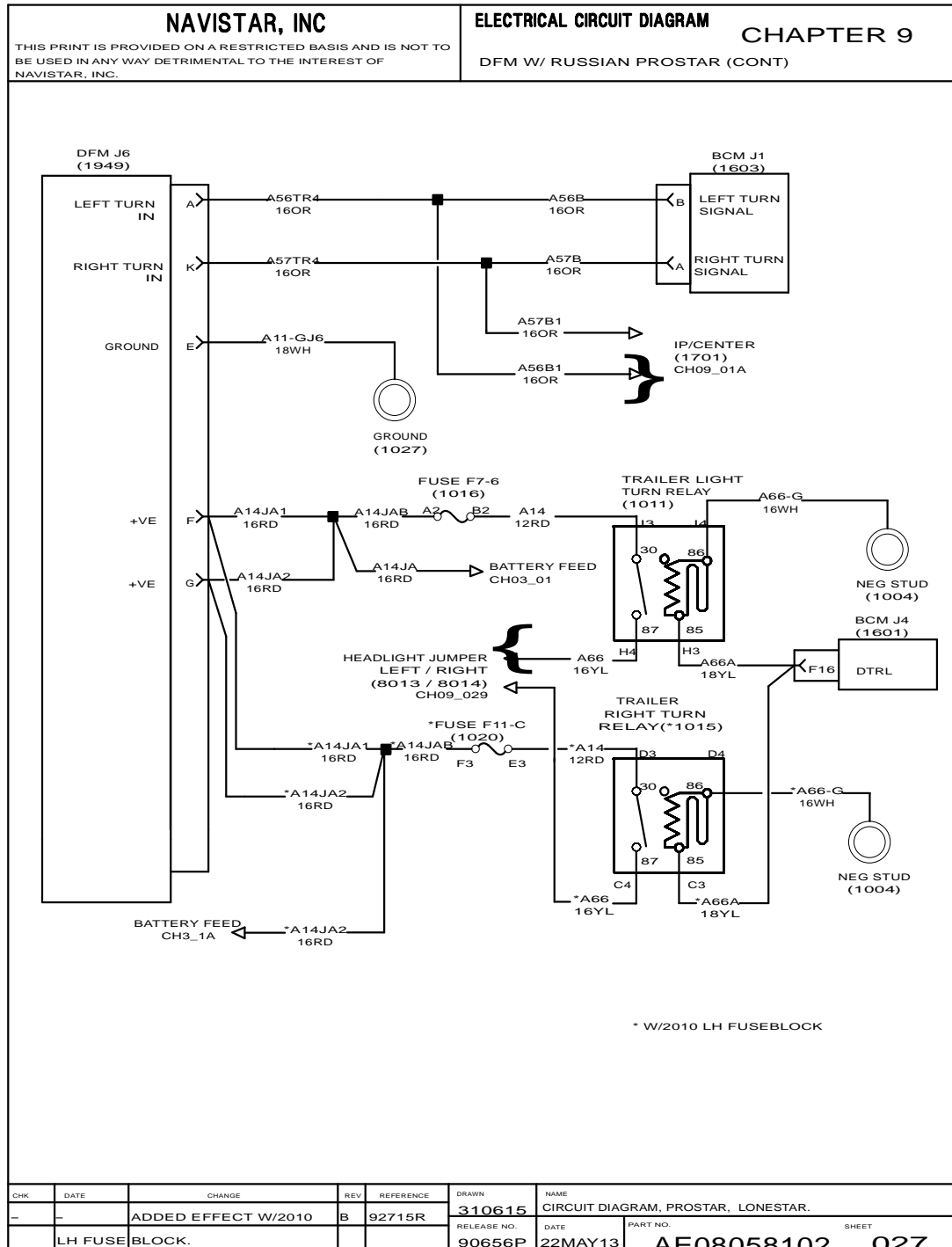


Figure 307 DFM with Russian ProStar (Cont.)

9.49. DFM WITH RUSSIAN PROSTAR (CONT.), P. 28

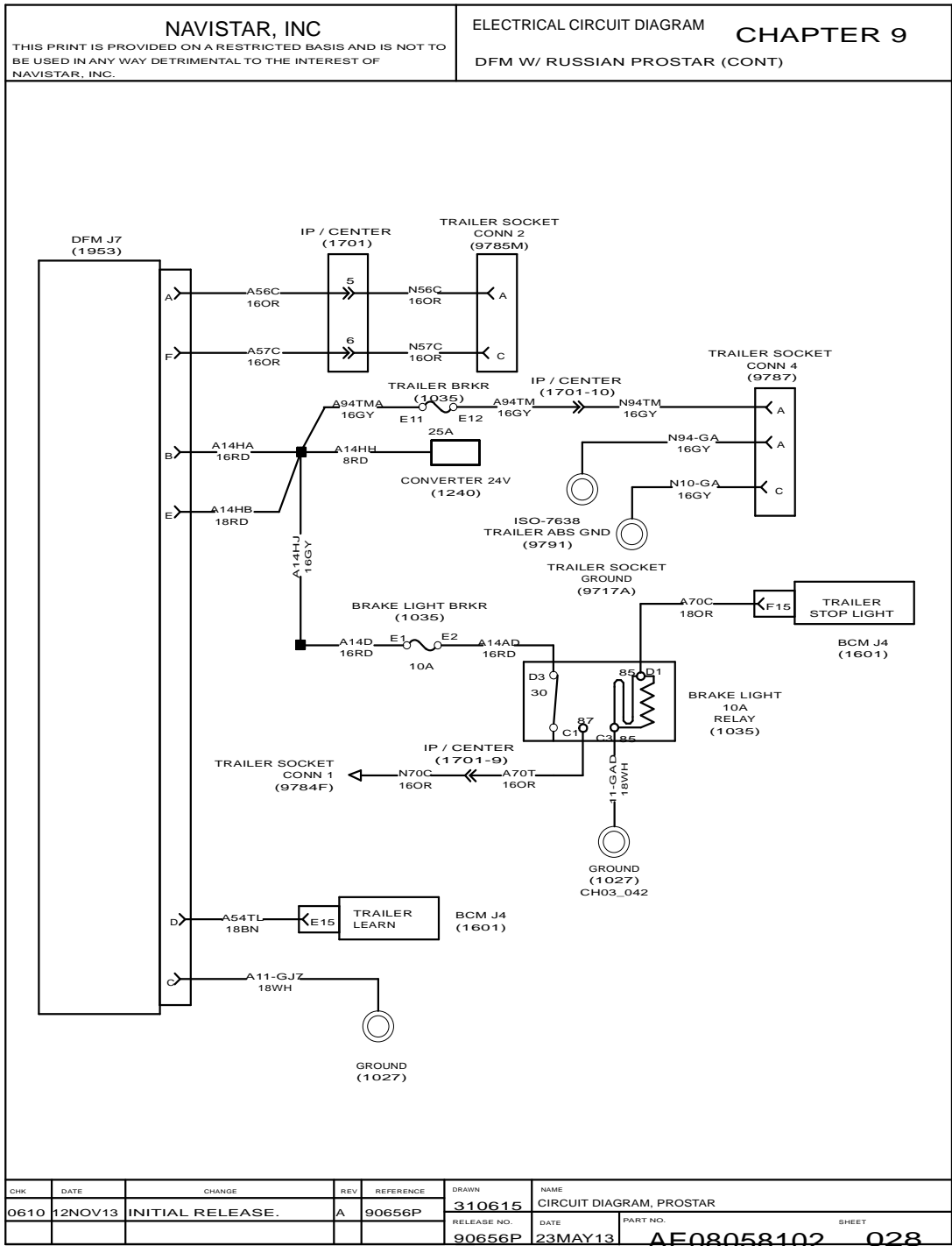


Figure 308 DFM with Russian ProStar (Cont.)

9.50. LOW BEAM FEEDBACK WITH RUSSIAN PROSTAR, P. 29

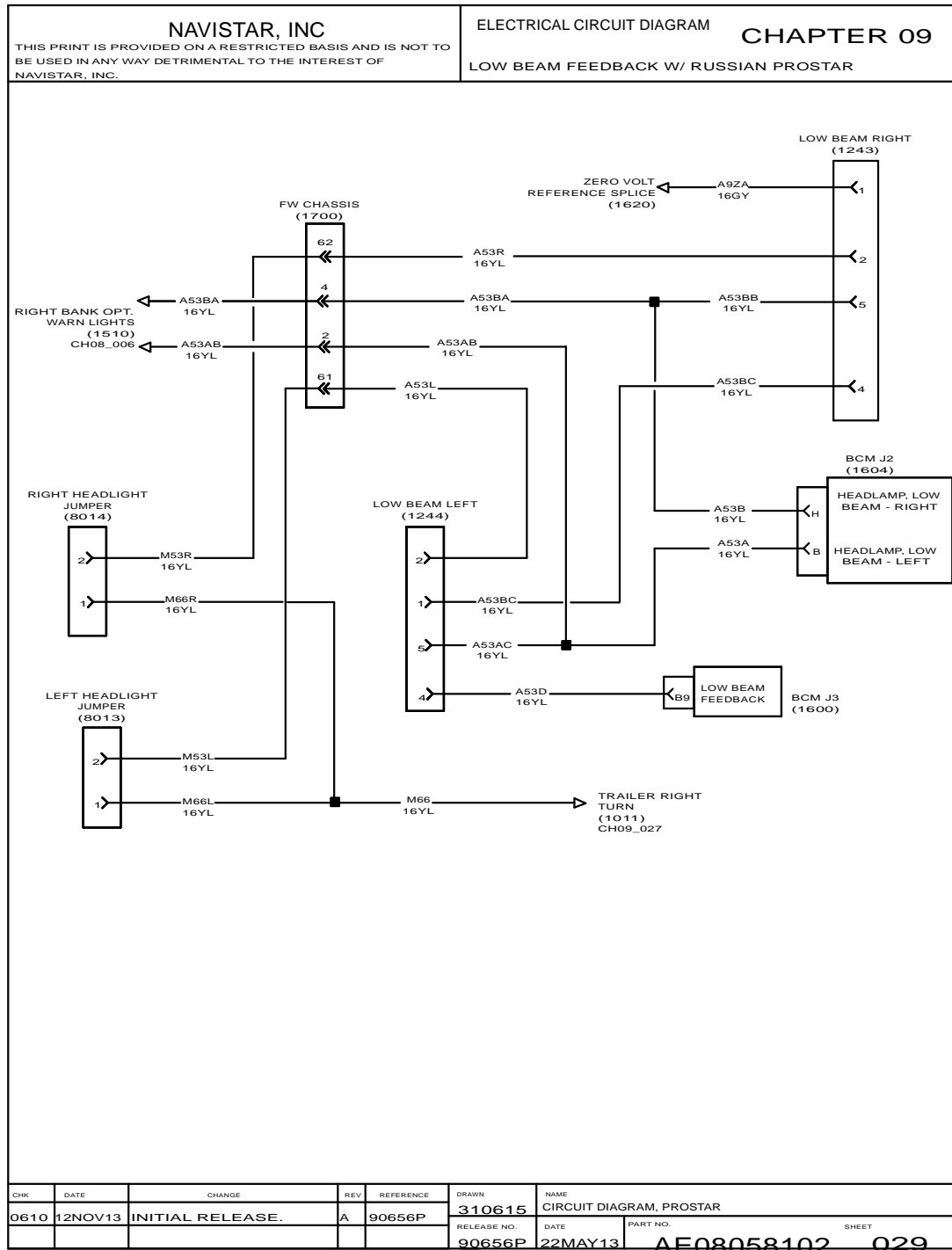


Figure 309 Low Beam Feedback with Russian ProStar

9.51. MARKER LIGHT WITH DFM WITH RUSSIAN PROSTAR, P. 30

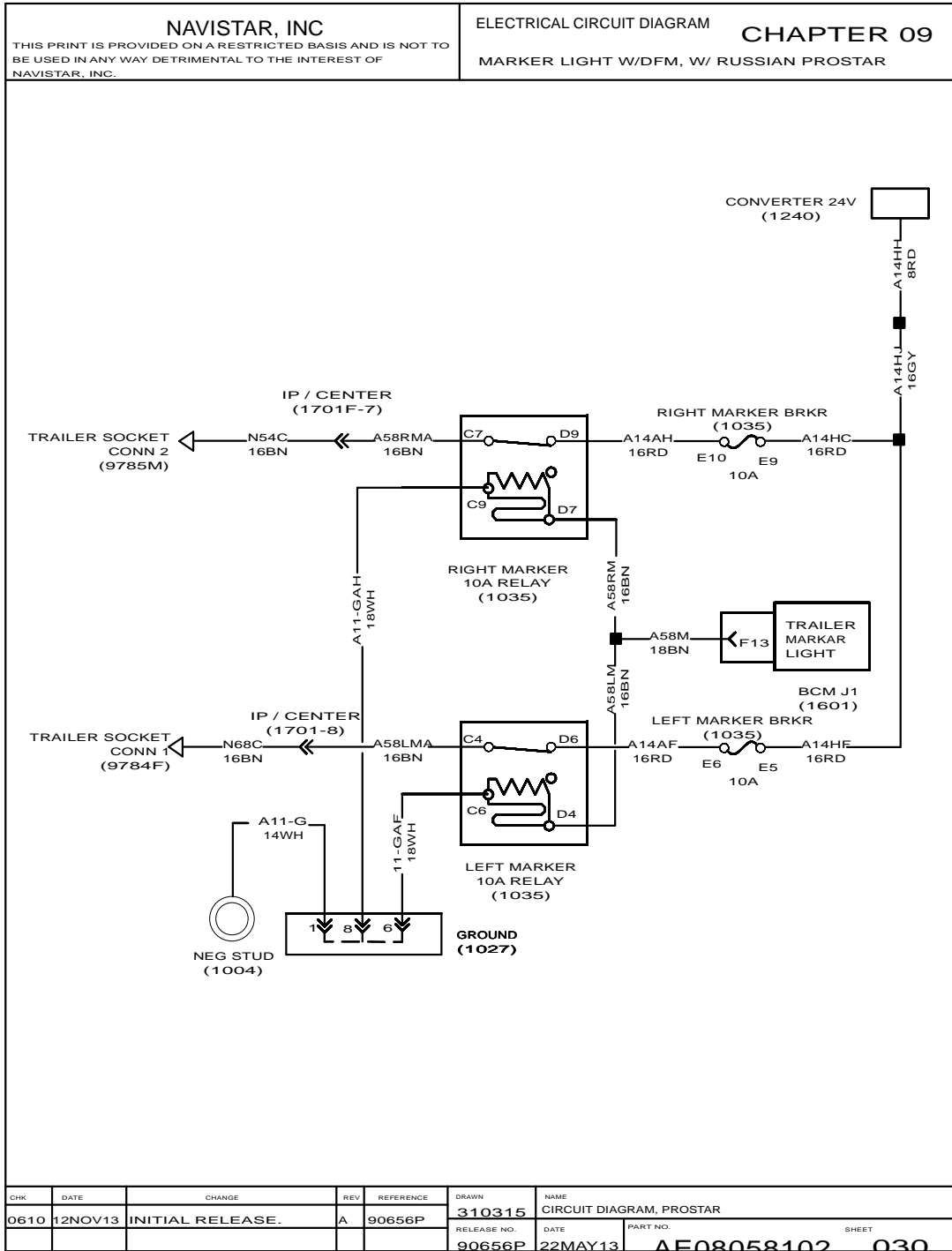


Figure 310 Marker Light with DFM with Russian ProStar

9.52. HEADLIGHTS, P. 31

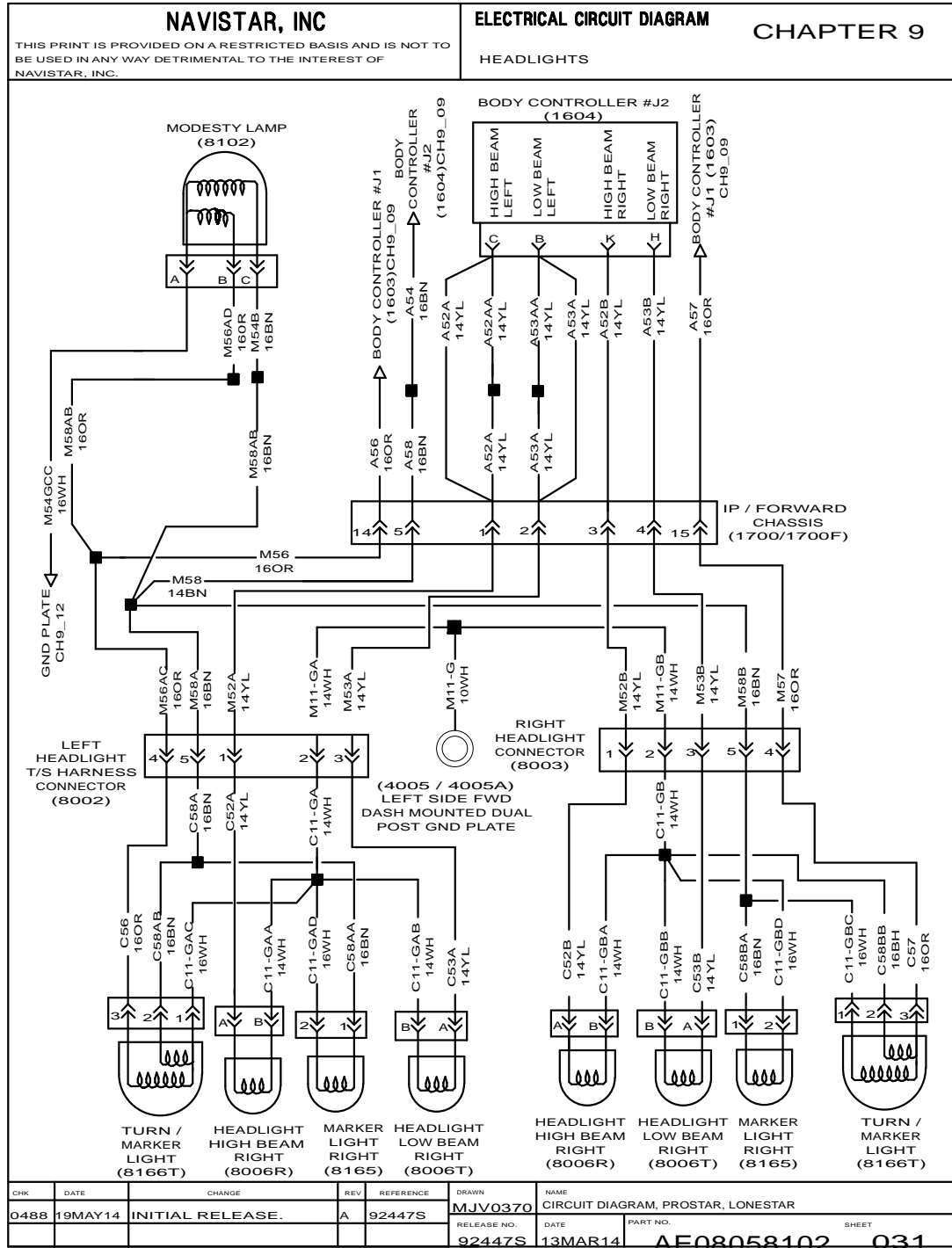


Figure 311 Headlights

9.53. FOG LIGHT LONESTAR SE, P. 32

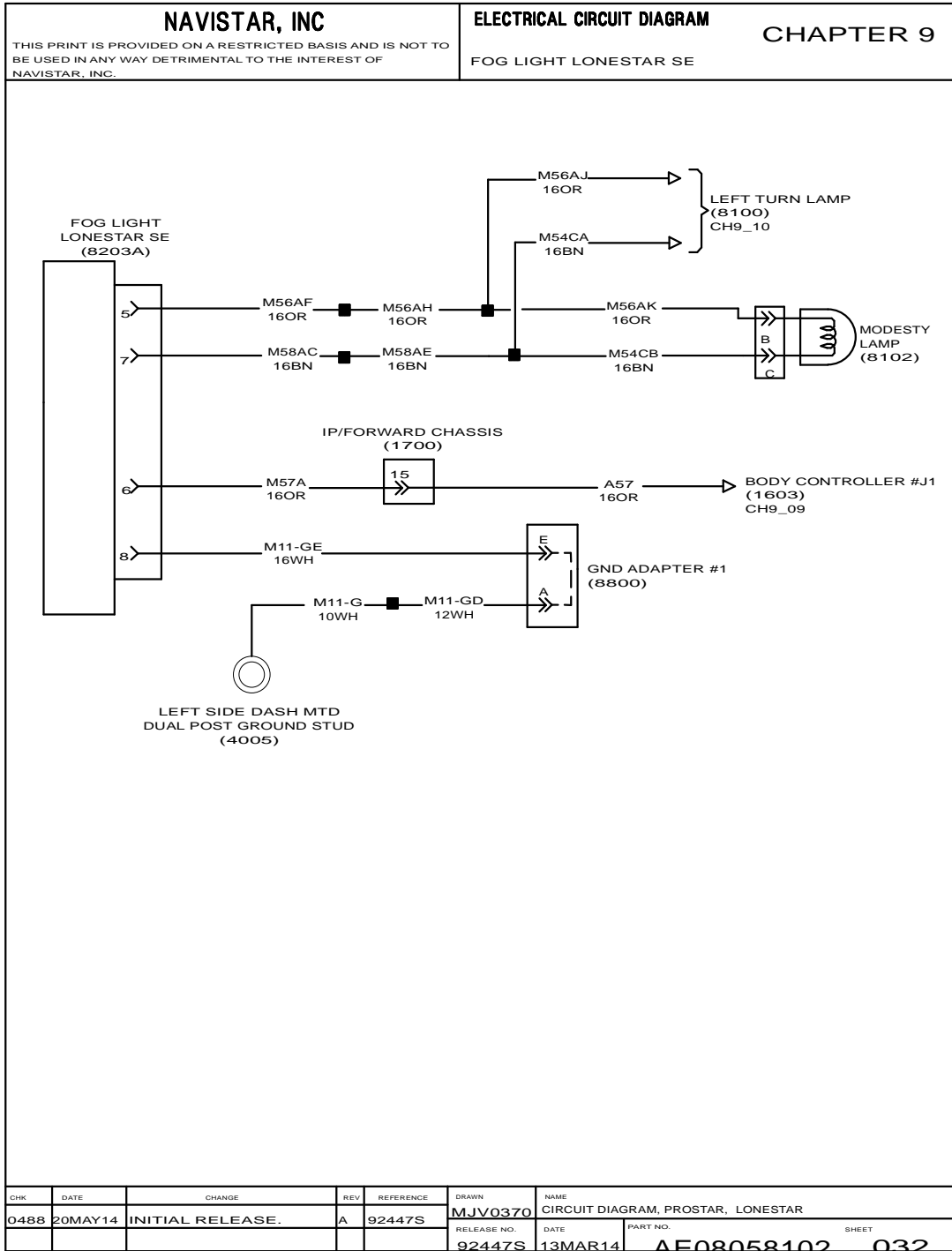


Figure 312 Fog Light LoneStar SE

9.54. LIGHTS – STOP, TAIL, TURN AND BACK-UP (6 X 4), P. 33

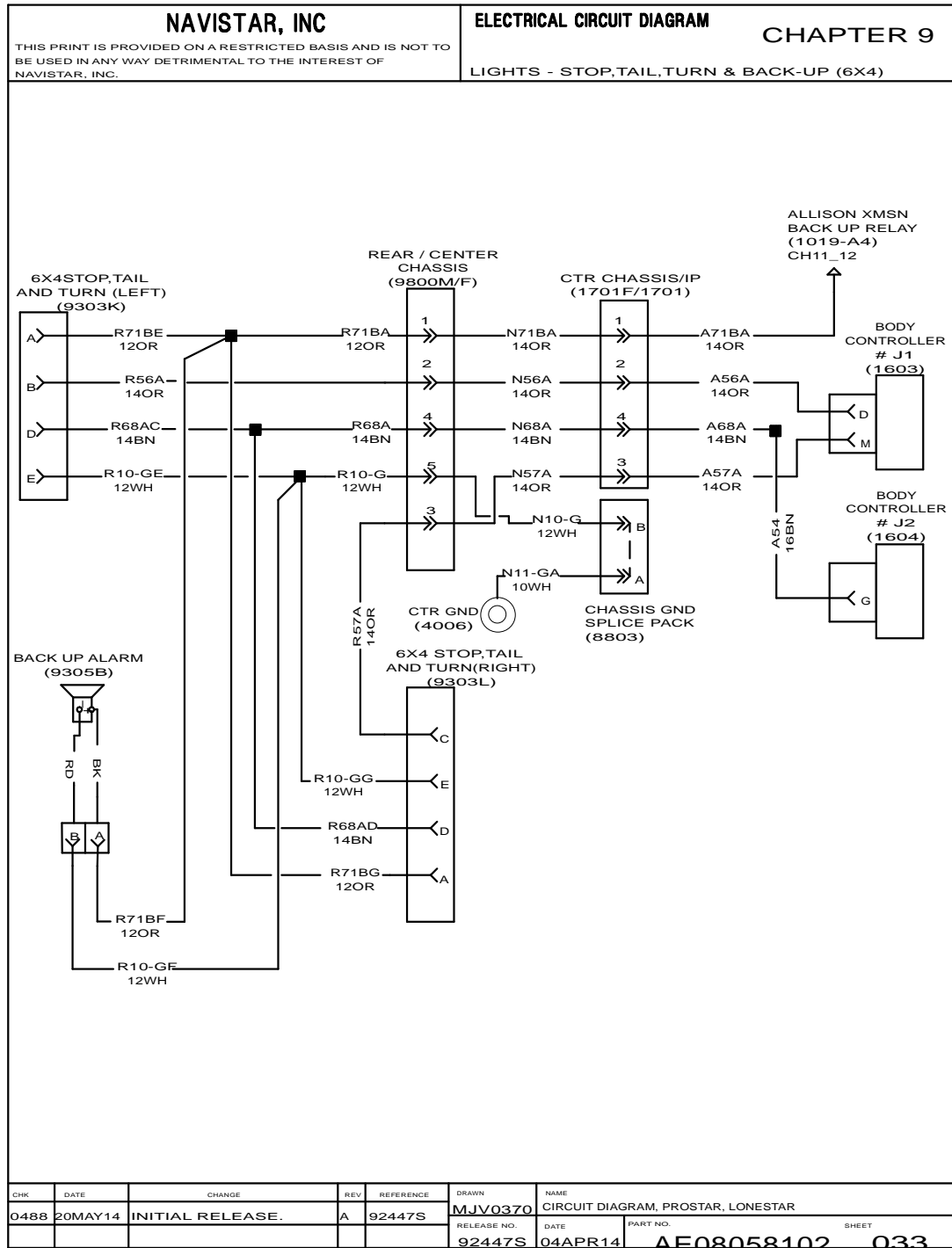


Figure 313 Lights – Stop, Tail, Turn and Back-Up (6 X 4)

9.55. LIGHTS – STOP, TAIL, TURN AND BACK-UP (6 X 4) (CONT.), P. 34

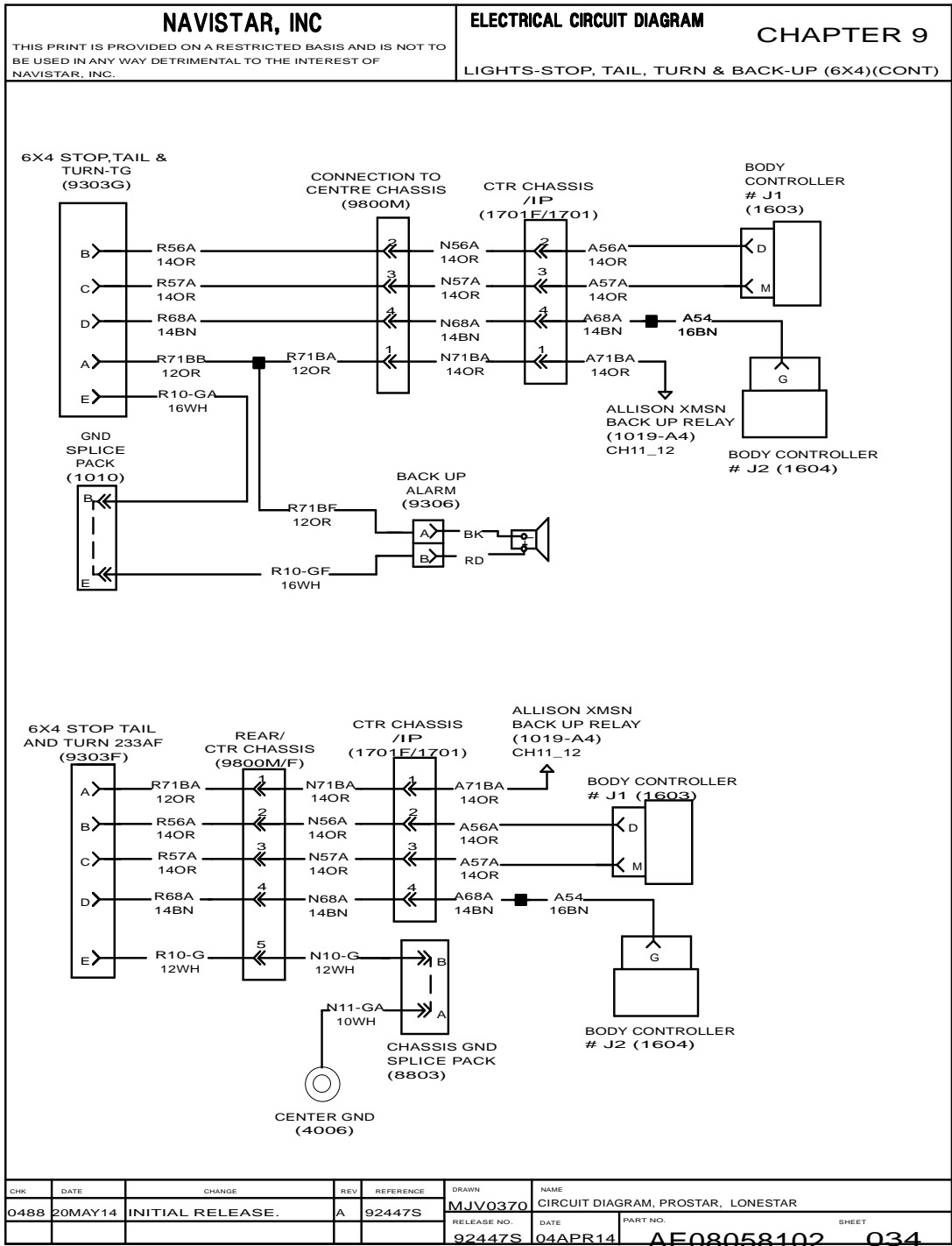


Figure 314 Lights – Stop, Tail, Turn and Back-Up (6 X 4) (Cont.)



9.56. LIGHTS – STOP, TAIL, TURN AND BACK-UP (4 X 2), P. 35

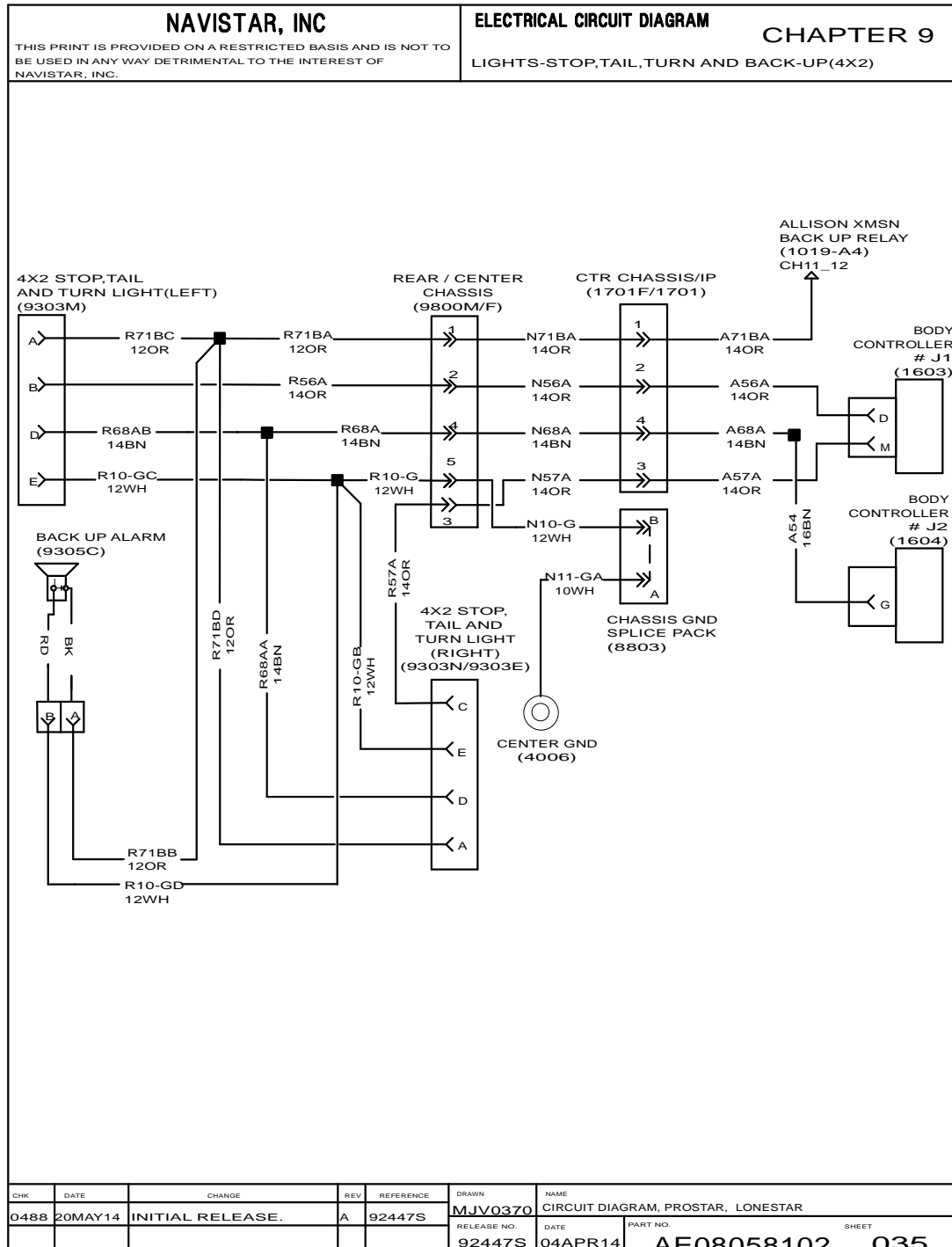


Figure 315 Lights – Stop, Tail, Turn and Back-Up (4 X 2)

9.57. TURN SIGNAL WITH SCR WITH BENDIX LANE DEPART, P. 36

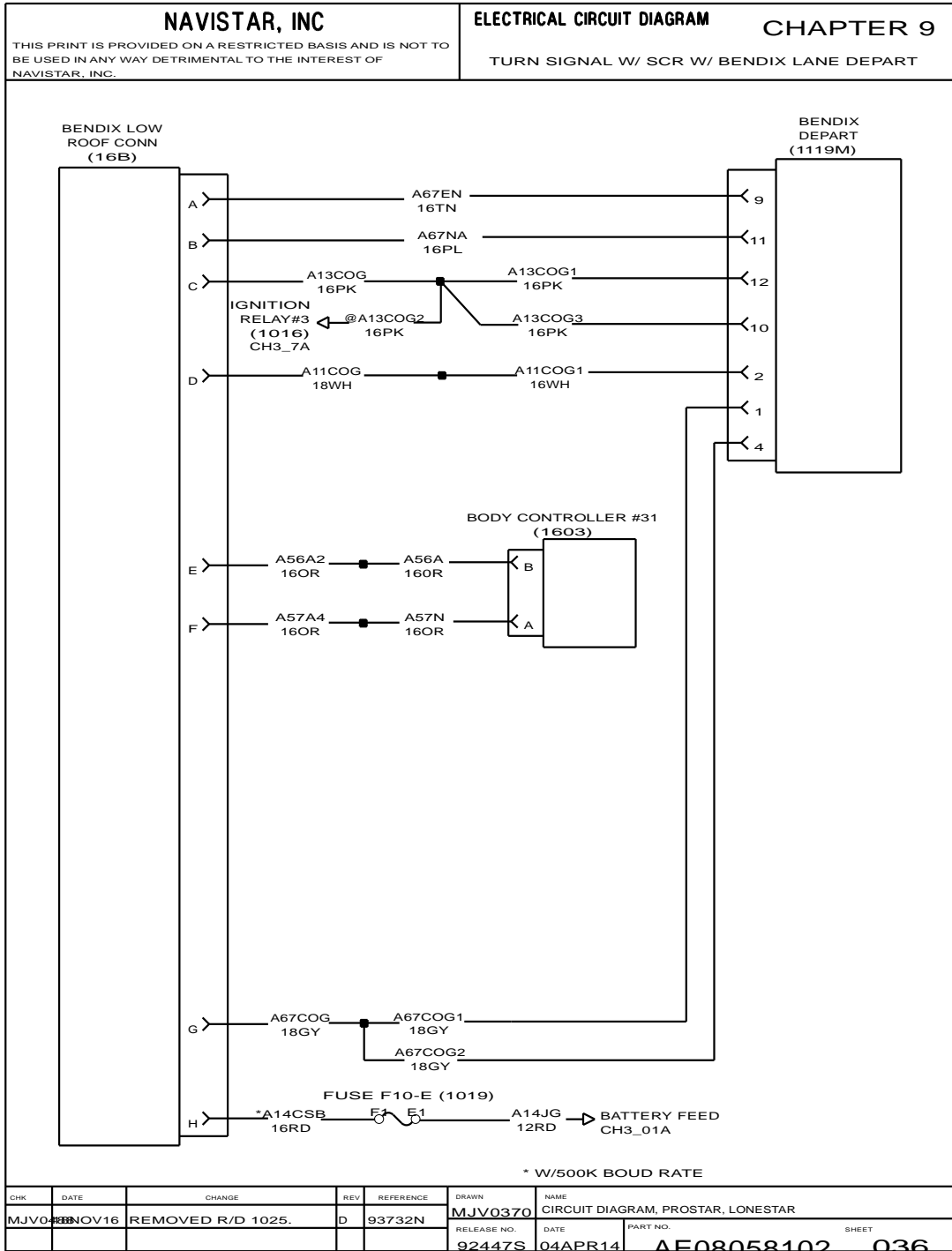


Figure 316 Turn Signal with SCR with Bendix Lane Depart

9.58. TURN SIGNAL WITH SCR WITH BENDIX LANE DEPART (CONT.), P. 36A

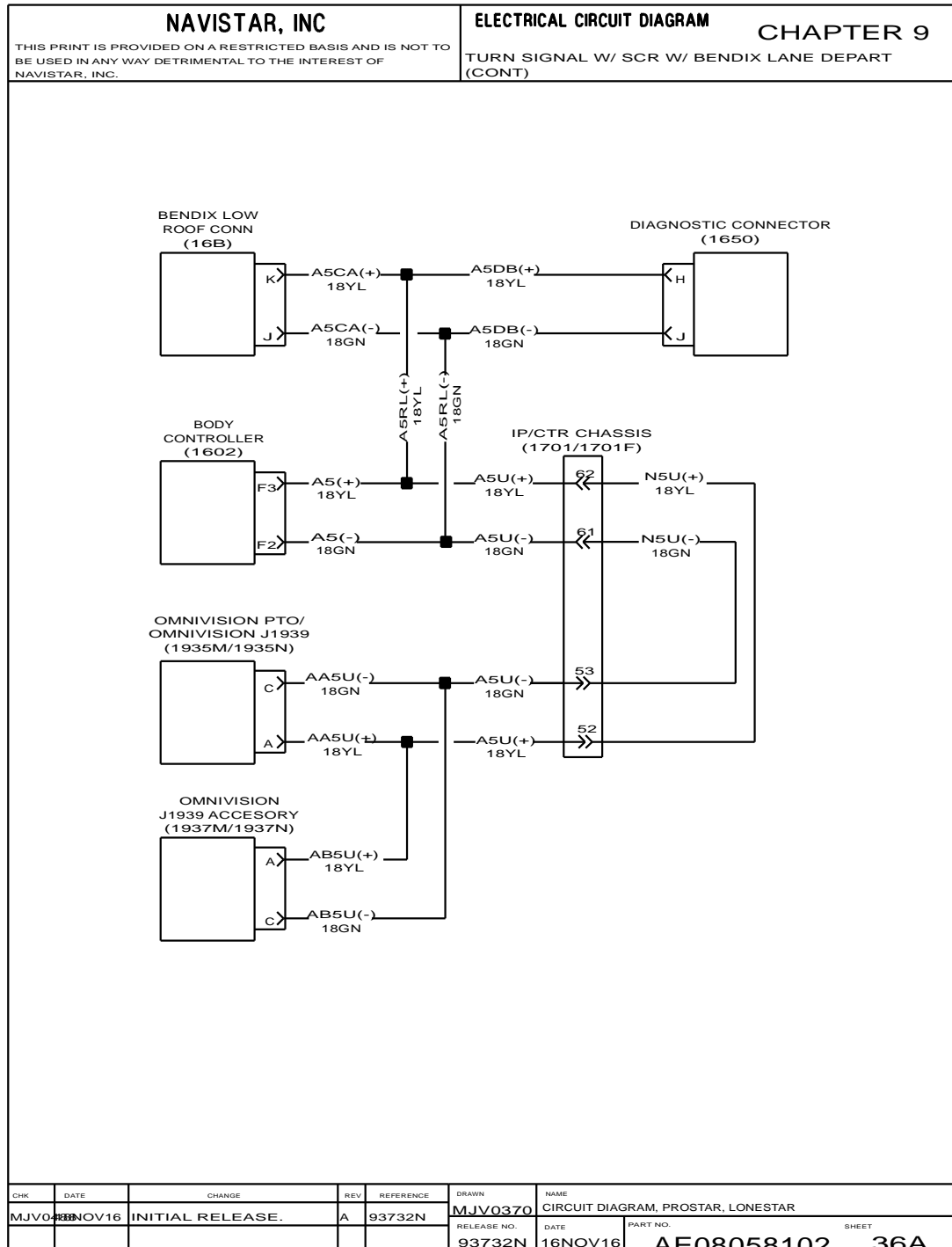


Figure 317 Turn Signal with SCR with Bendix Lane Depart (Cont.)

9.59. MARKER AND MODESTY LIGHTS, P. 37

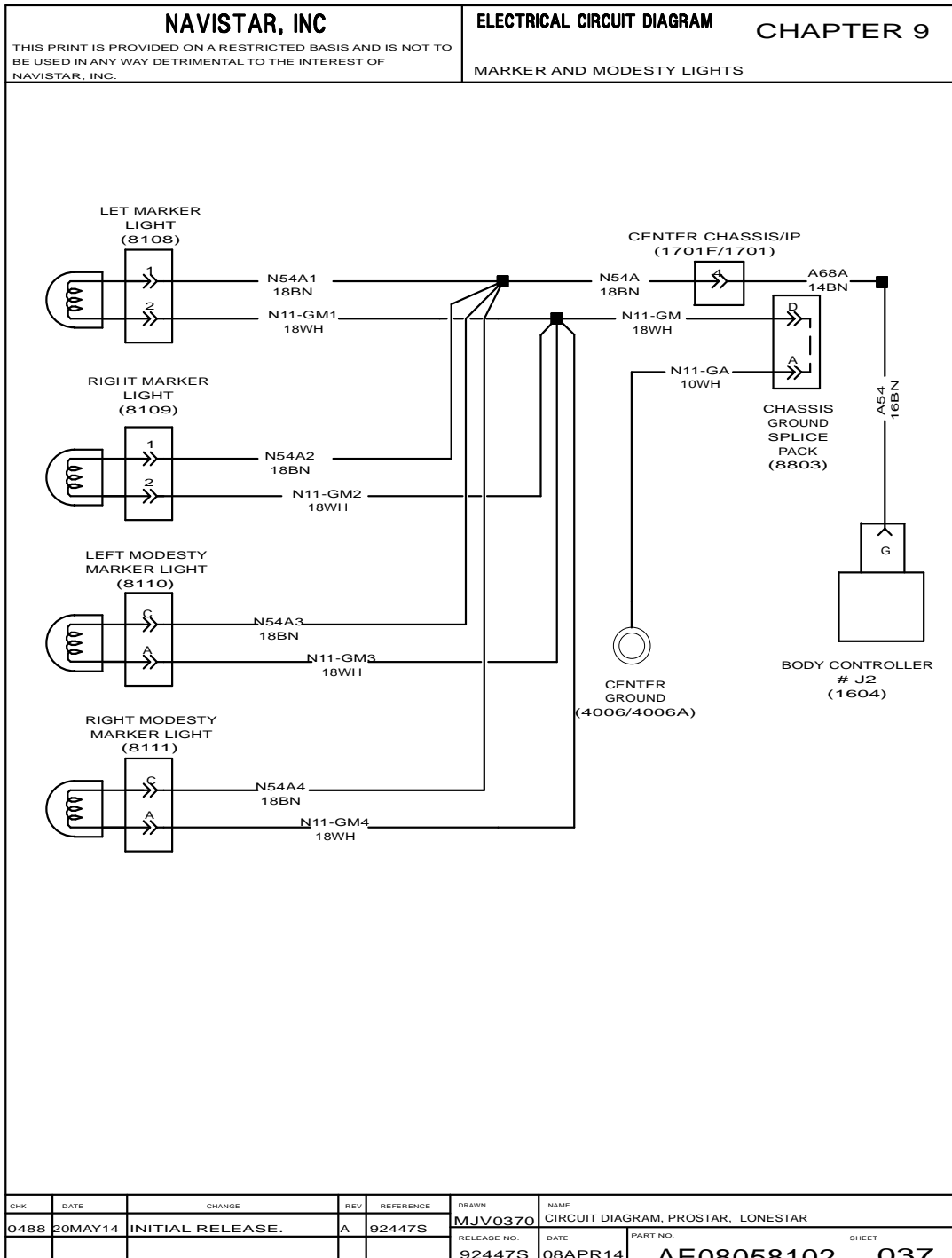


Figure 318 Marker and Modesty Lights

9.60. BEACON LIGHT PROSTAR, P. 38

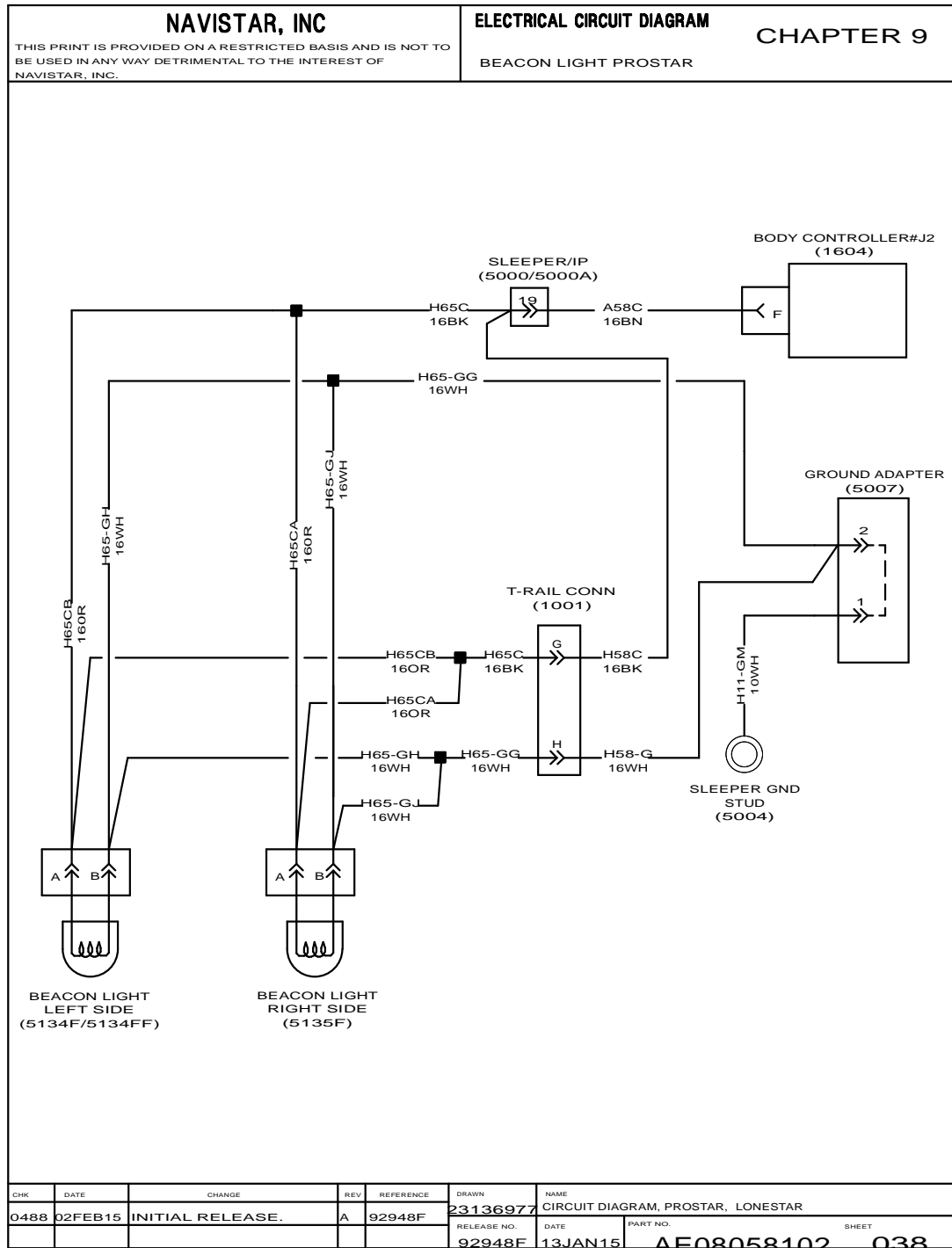


Figure 319 Beacon Light ProStar

9.61. MAP / READING LIGHT (BENDIX FUSION), P. 39

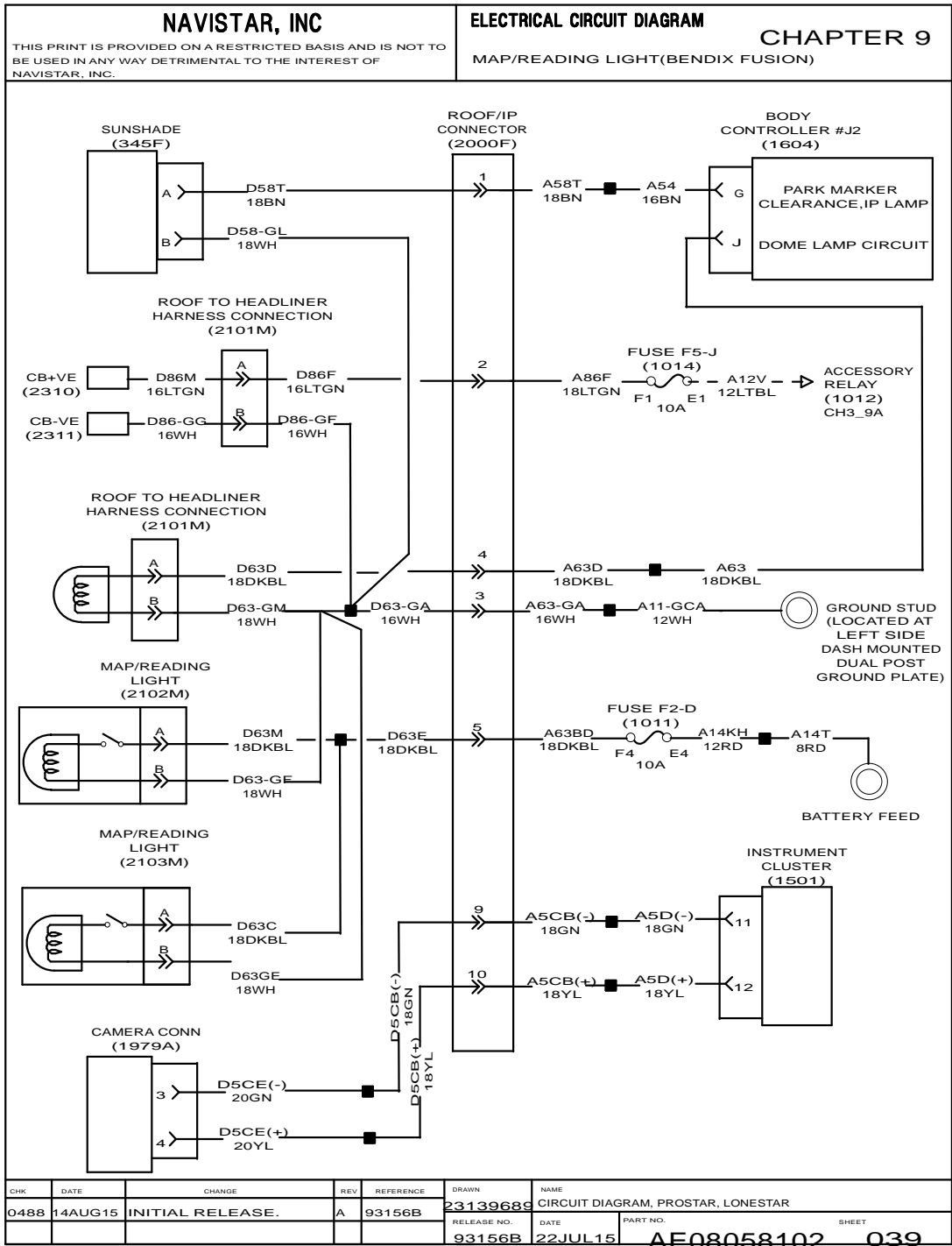


Figure 320 Map / Reading Light (Bendix Fusion)

9.62. BENDIX DEPART (SMART CRUISE WITH BENDIX FUSION) , P. 40

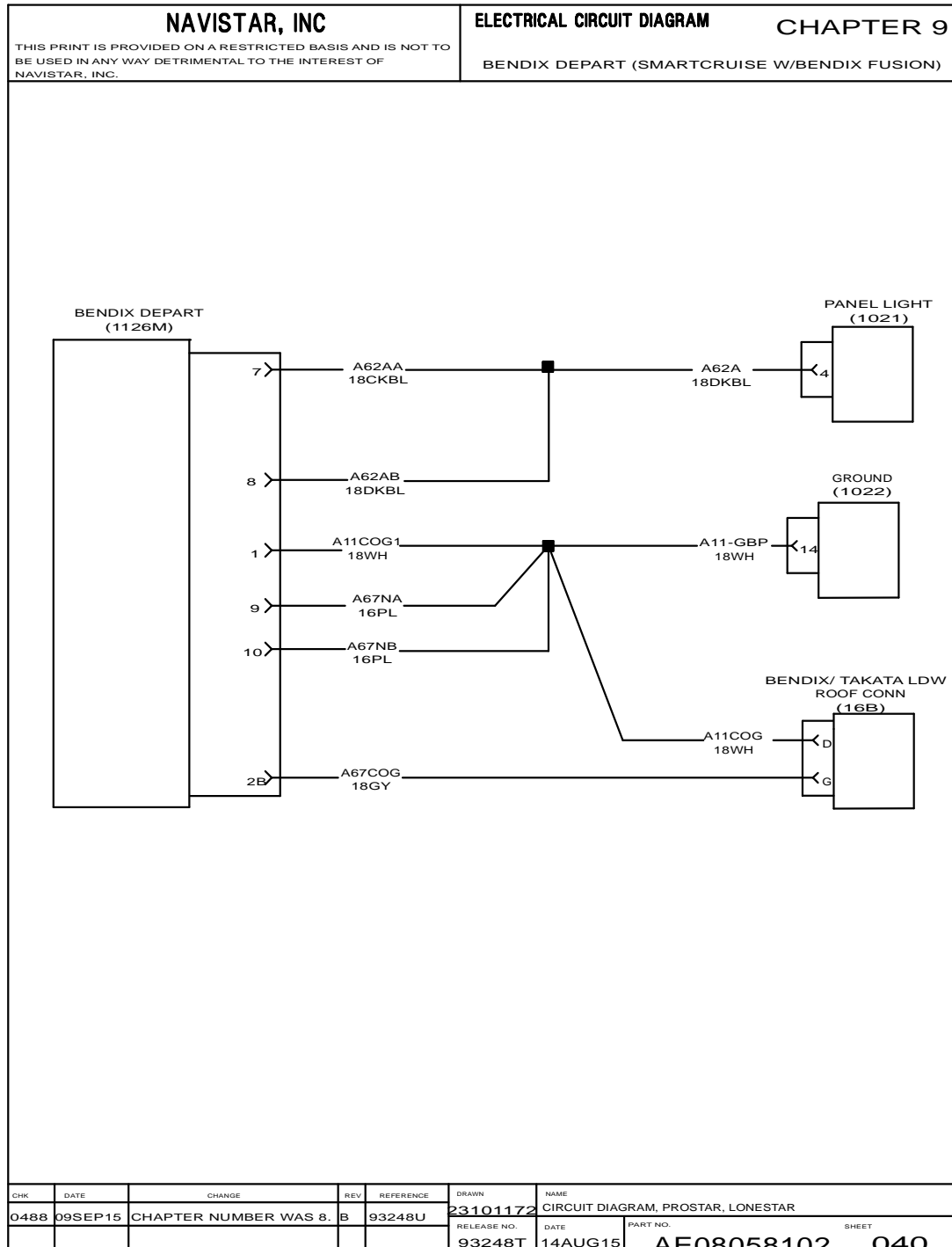


Figure 321 Bendix Depart (Smart Cruise with Bendix Fusion)

# CHASSIS ACCESSORIES (CHAPTER 10)

## 10.1. TIRE PRESSURE MONITOR / ANTENNA, P. 1

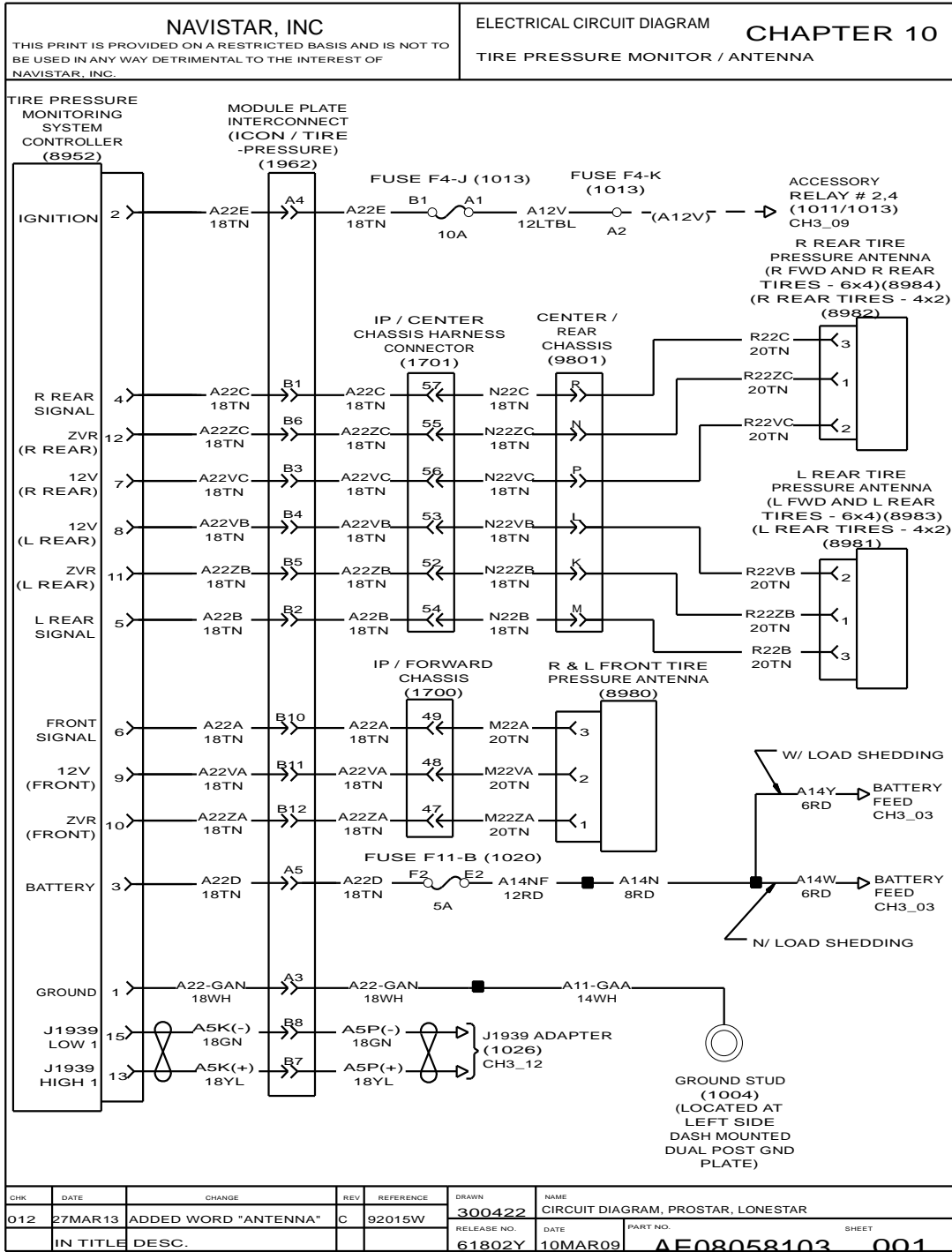


Figure 322 Tire Pressure Monitor / Antenna



10.2. AIR DRYER, P. 2

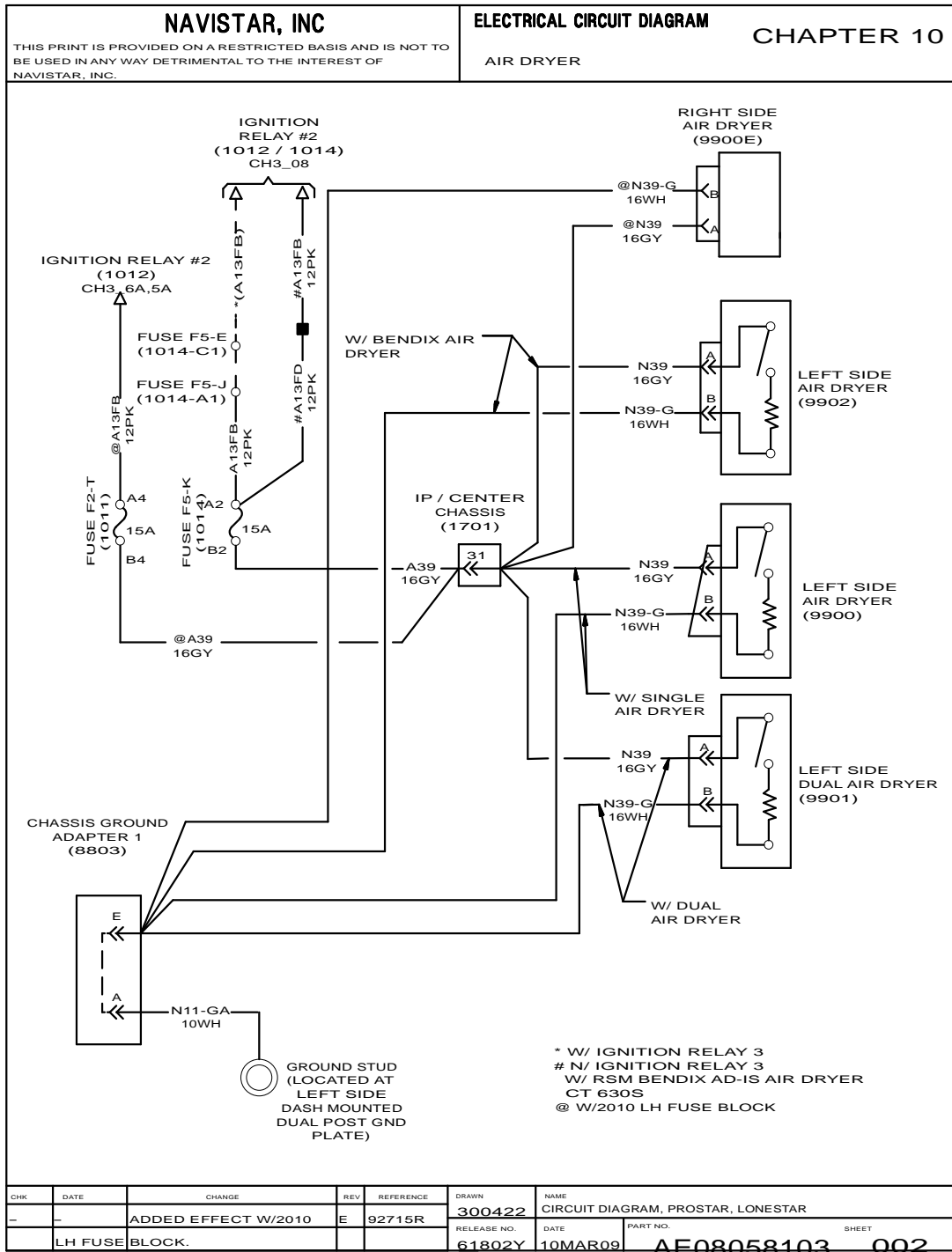


Figure 323 Air Dryer

10.3. DUAL AIR DRYER AND DRAIN VALVES, P. 2A

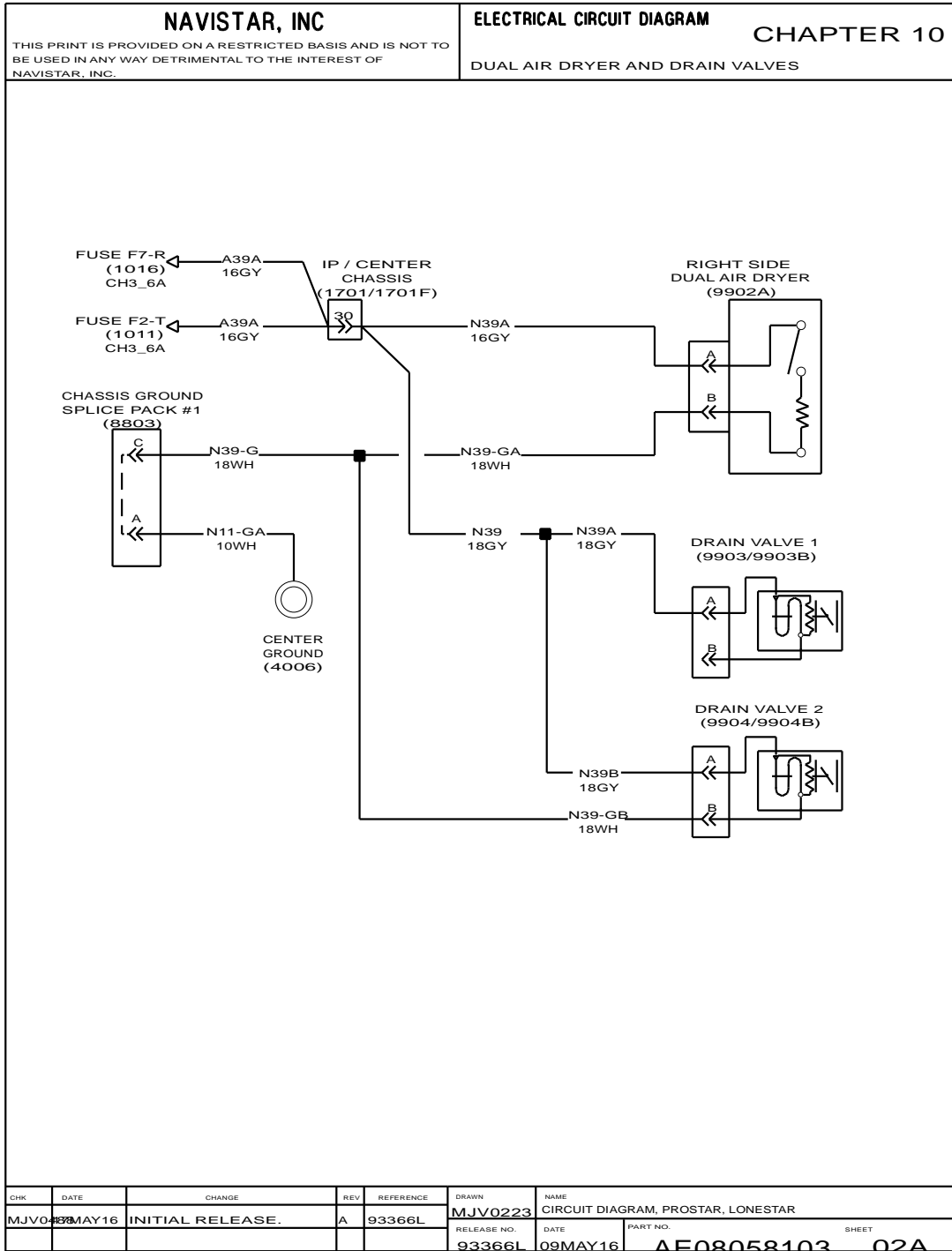


Figure 324 Dual Air Dryer and Drain Valves

10.4. AIR SOLENOID PACK – 4 WAY, P. 3

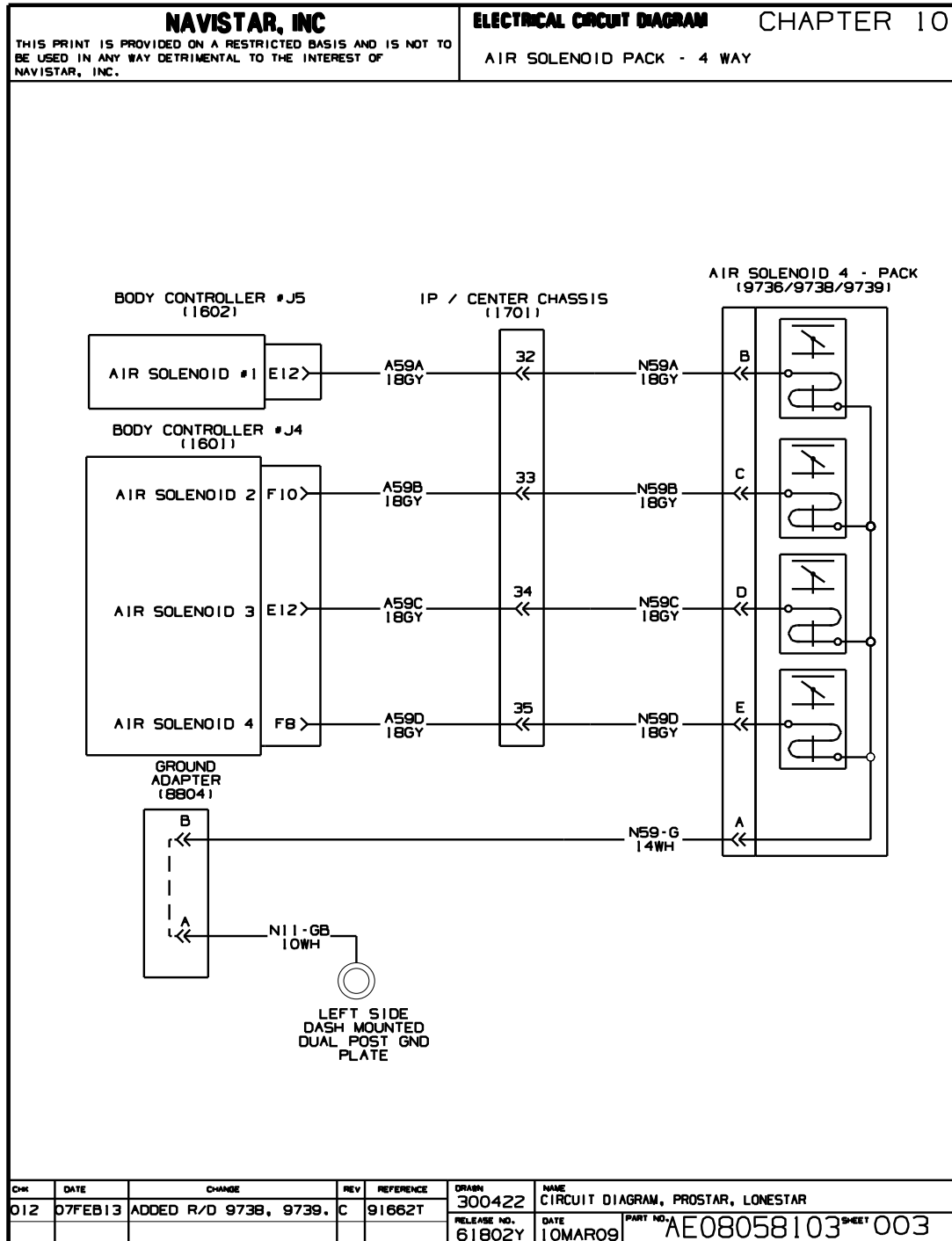


Figure 325 Air Solenoid Pack – 4 Way

10.5. AIR SOLENOID PACK – 4 WAY (CONT.), P. 4

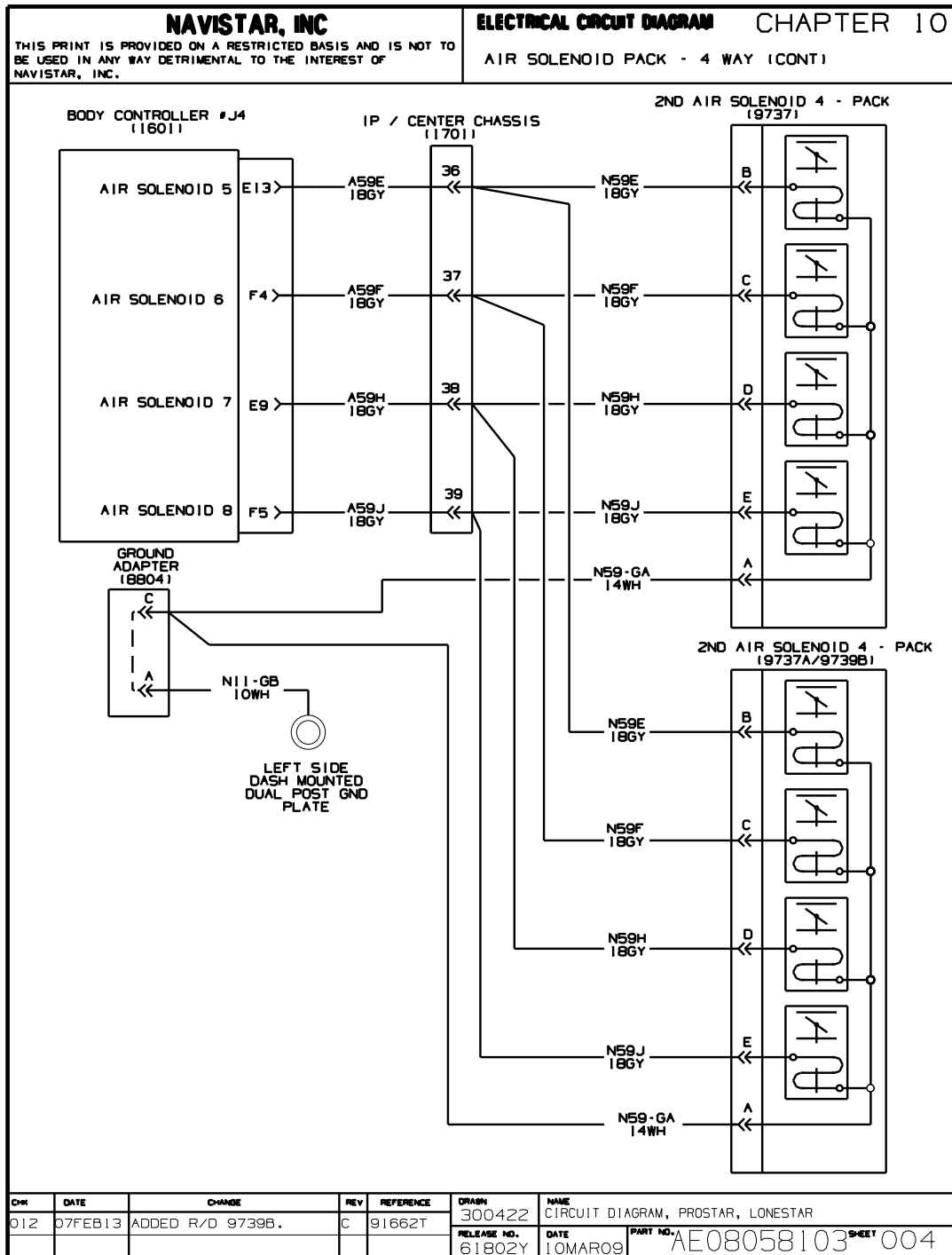


Figure 326 Air Solenoid Pack – 4 Way (Cont.)

10.6. AIR SUSPENSION WITH LOAD INDICATOR, P. 5

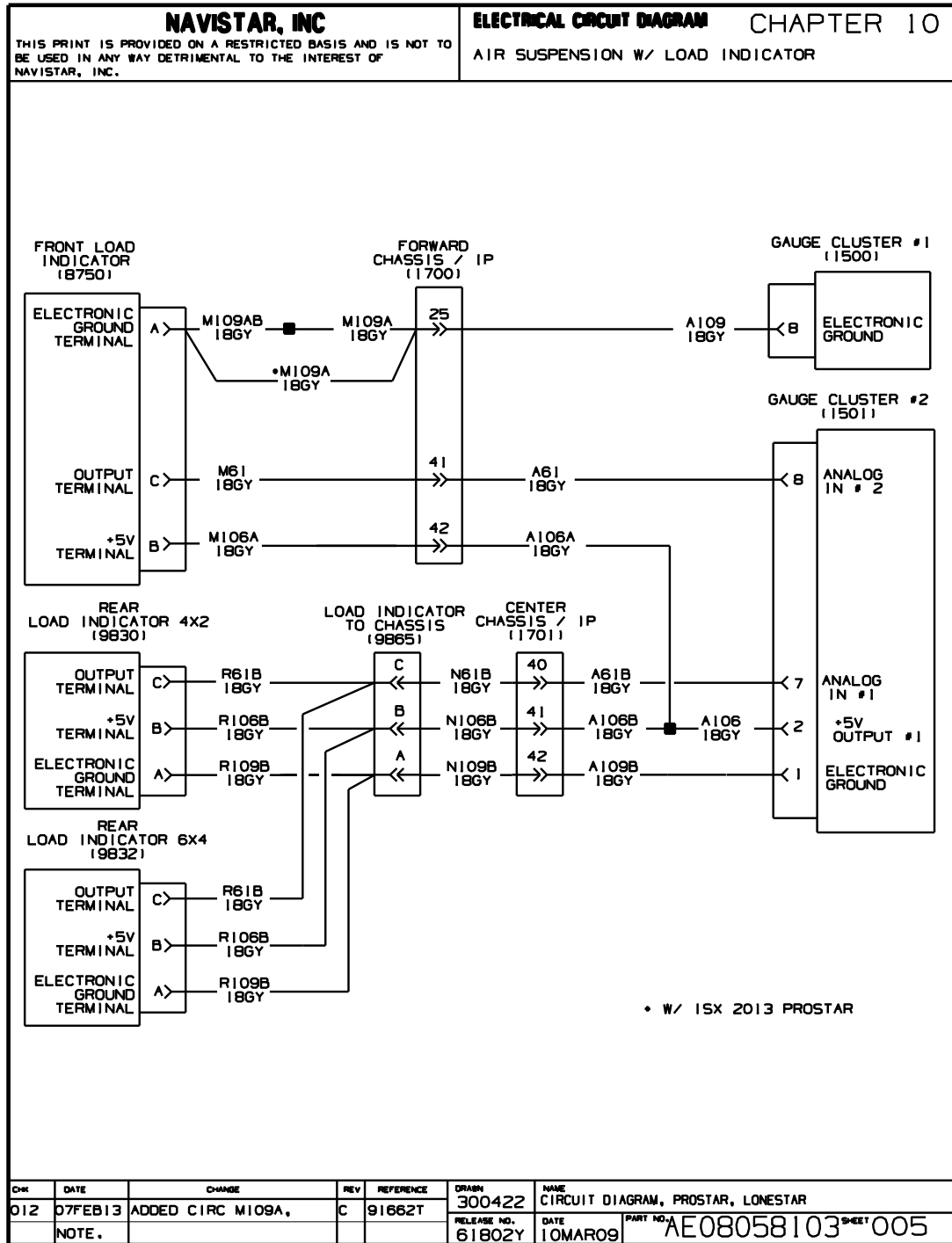


Figure 327 Air Suspension with Load Indicator

10.7. BATTERY FEED – TRAILER AUXILIARY, P. 6

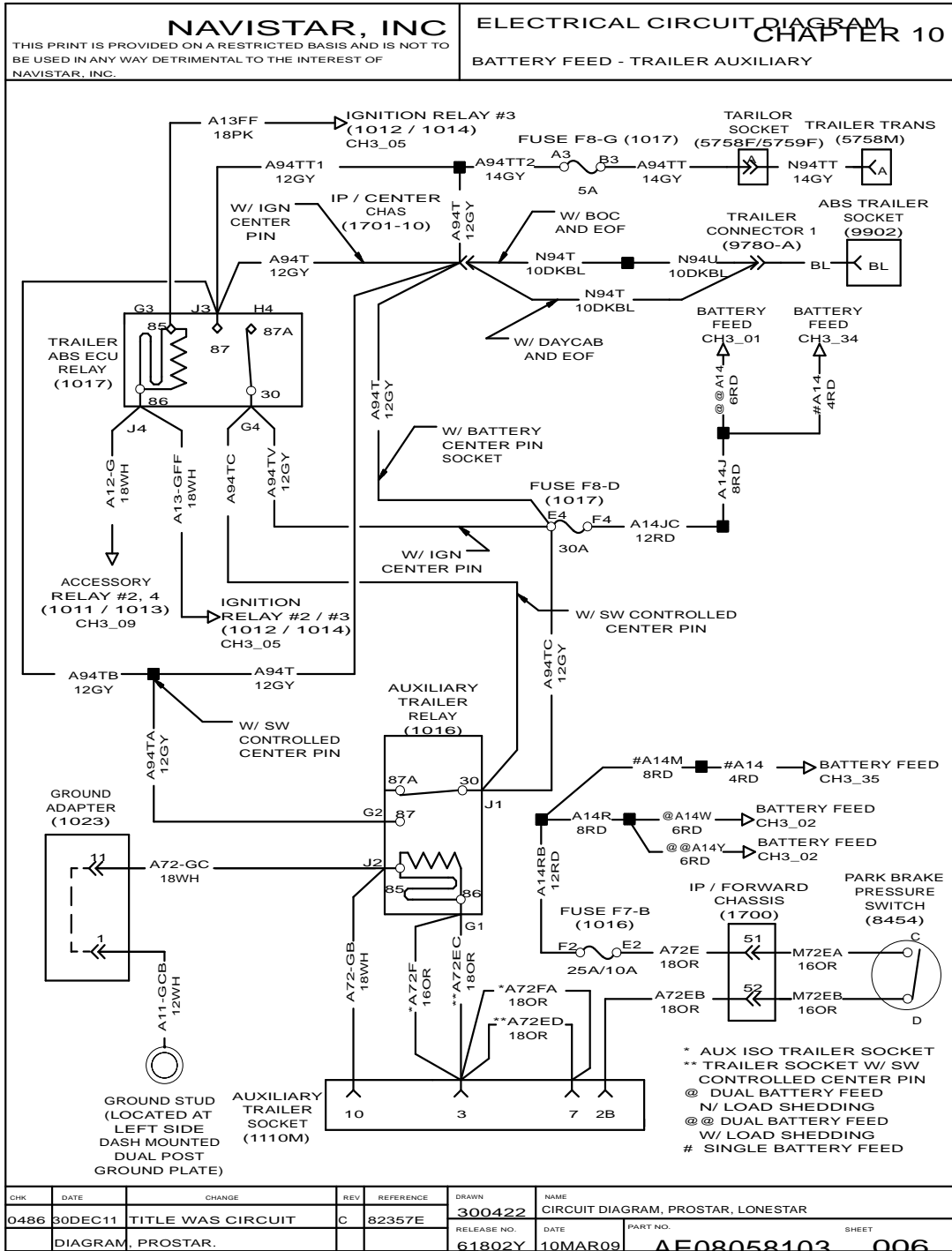


Figure 328 Battery Feed – Trailer Auxiliary

10.8. BATTERY FEED – TRAILER AUXILIARY (CONT.), P. 6A

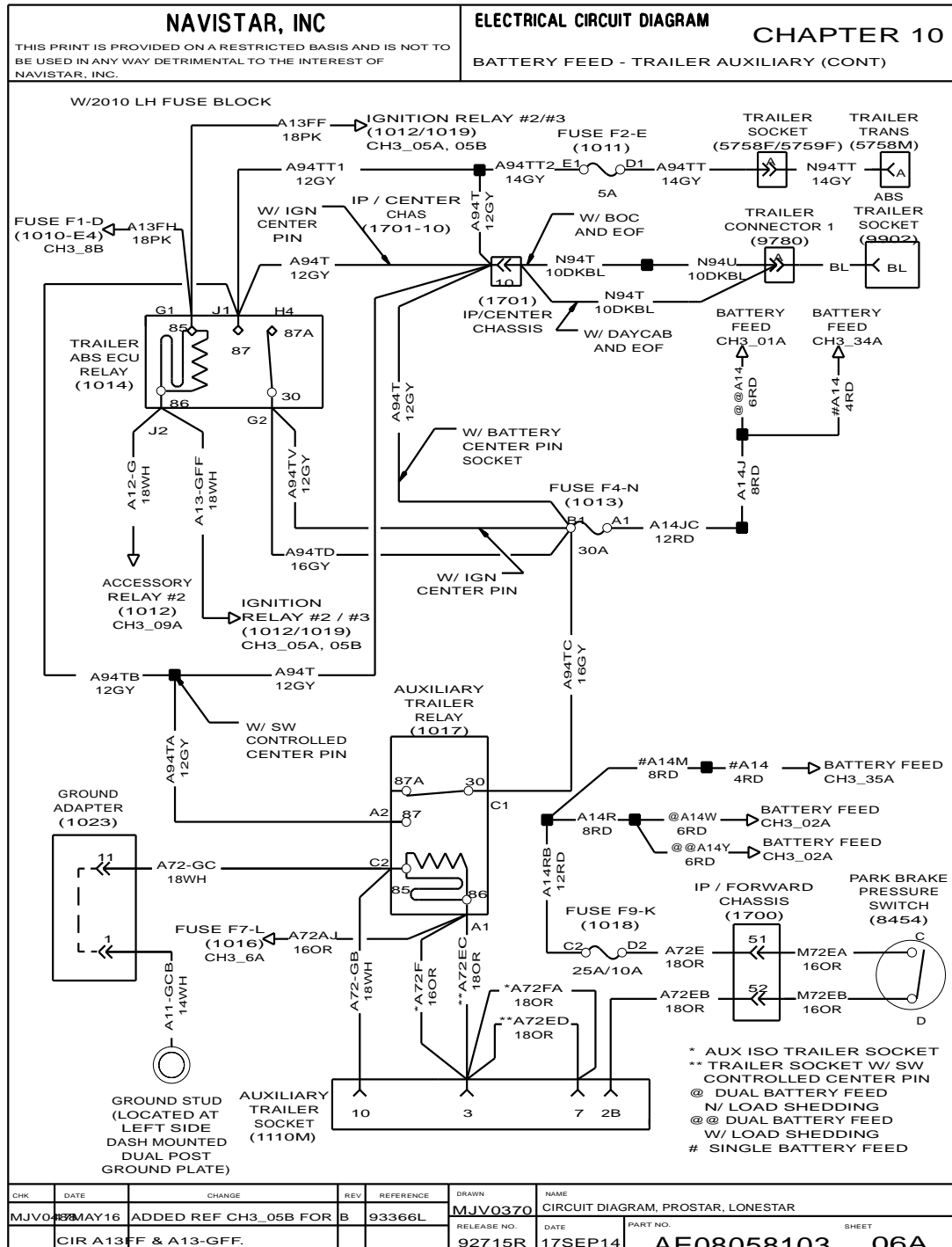


Figure 329 Battery Feed – Trailer Auxiliary (Cont.)

10.9. ANTILOCK BRAKE SYSTEM WITH BENDIX, P. 7

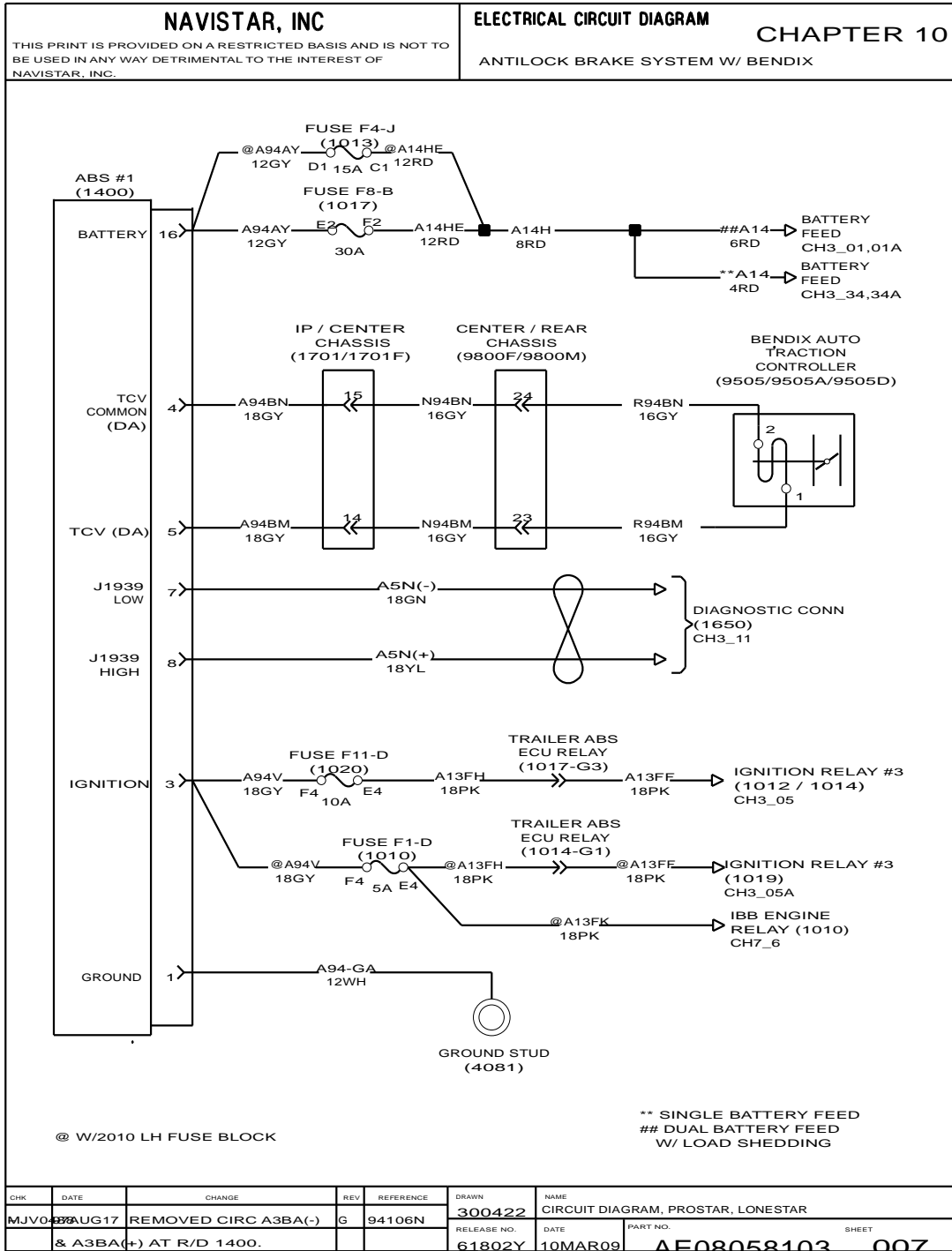


Figure 330 Antilock Brake System with Bendix



10.10. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 8

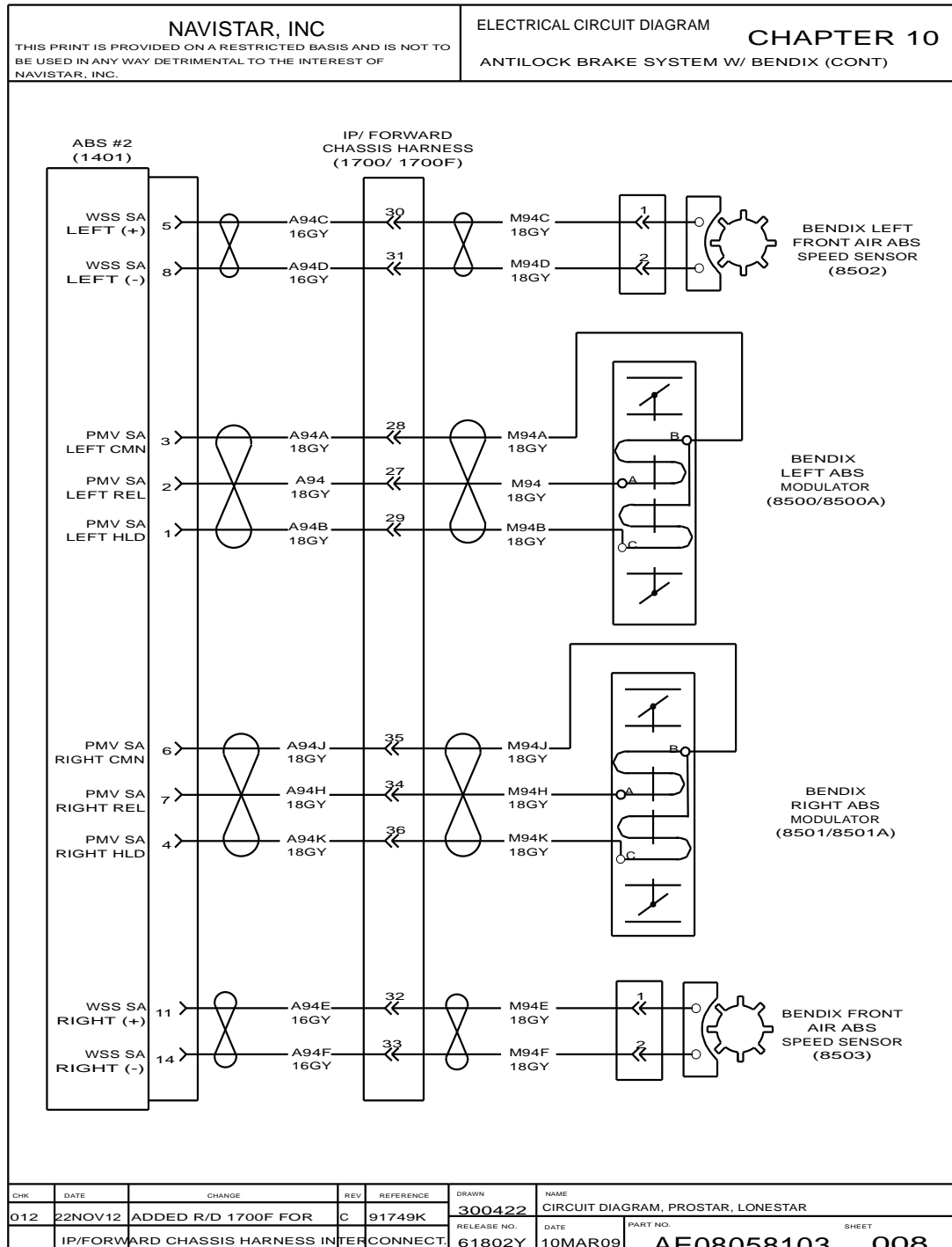


Figure 331 Antilock Brake System with Bendix (Cont.)

10.11. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 9

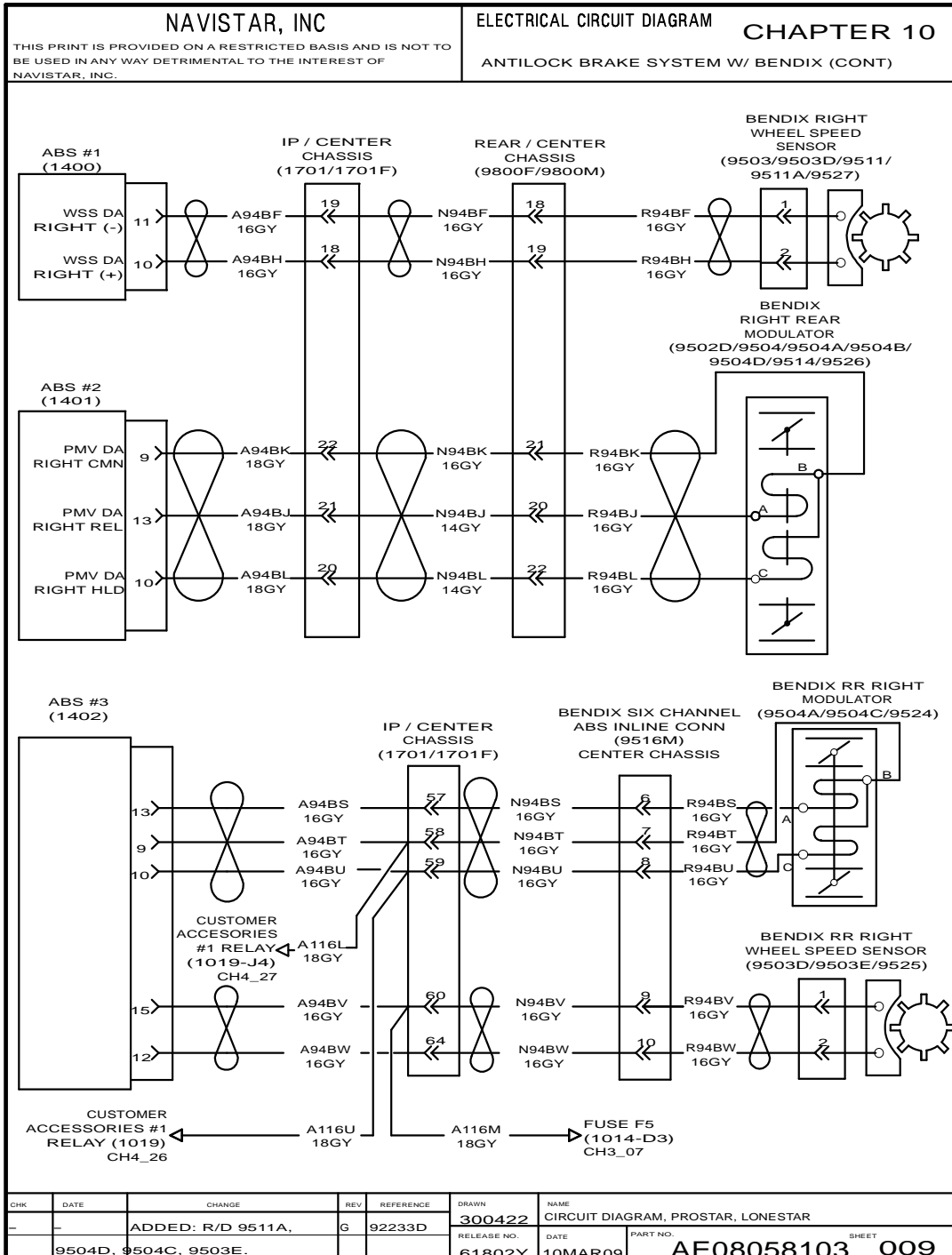


Figure 332 Antilock Brake System with Bendix (Cont.)

10.12. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 10

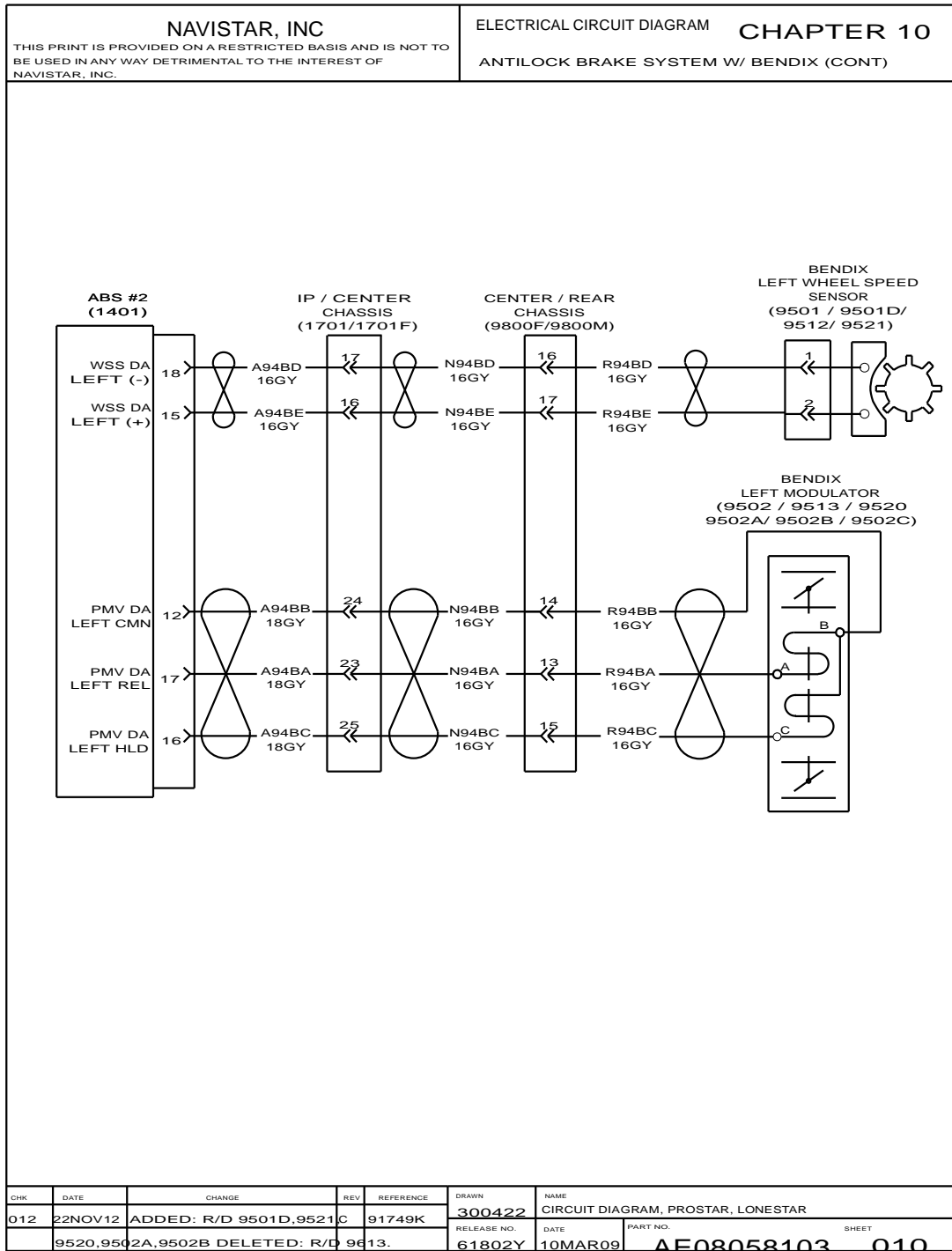


Figure 333 Antilock Brake System with Bendix (Cont.)

10.13. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 10A

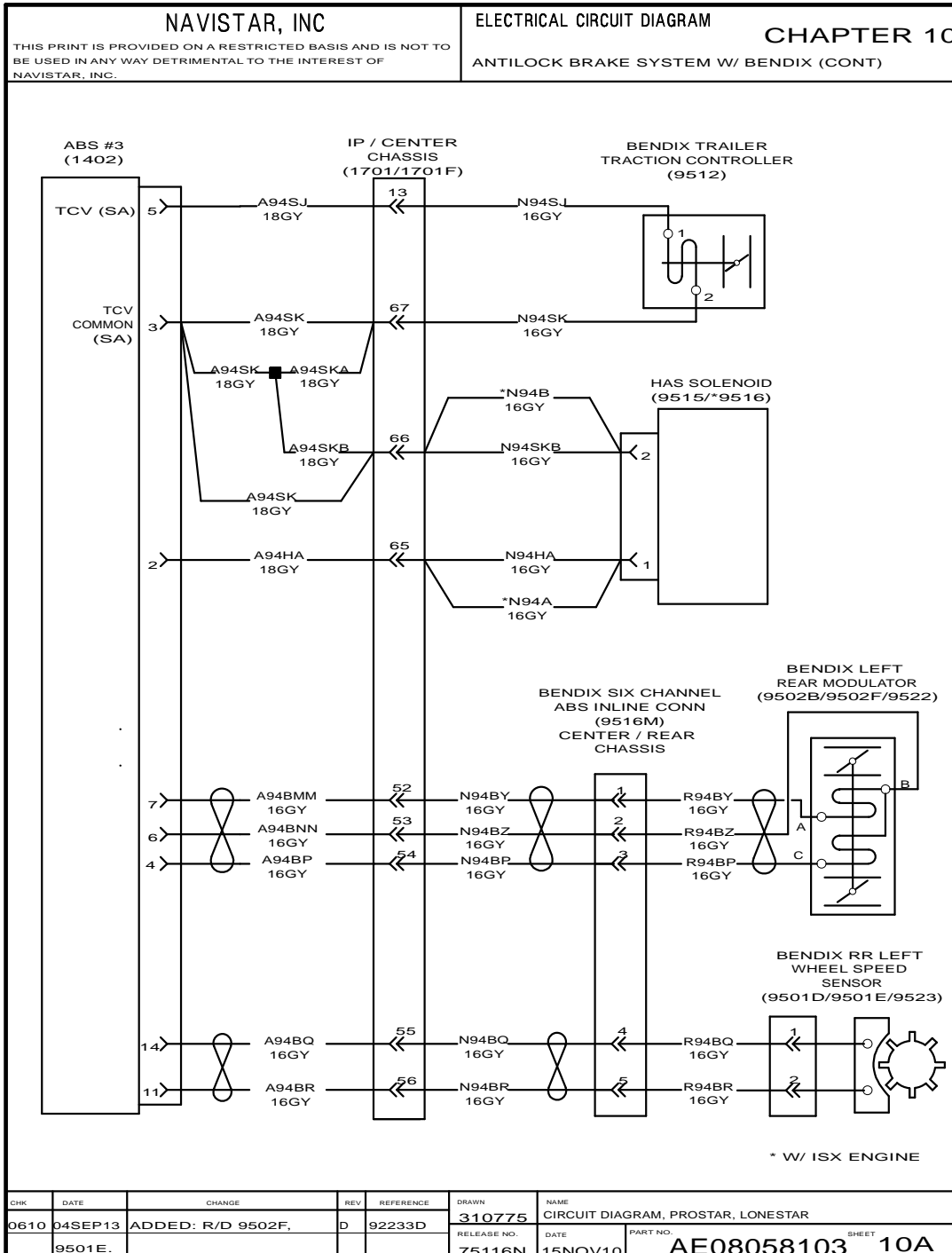


Figure 334 Antilock Brake System with Bendix (Cont.)

10.14. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 11

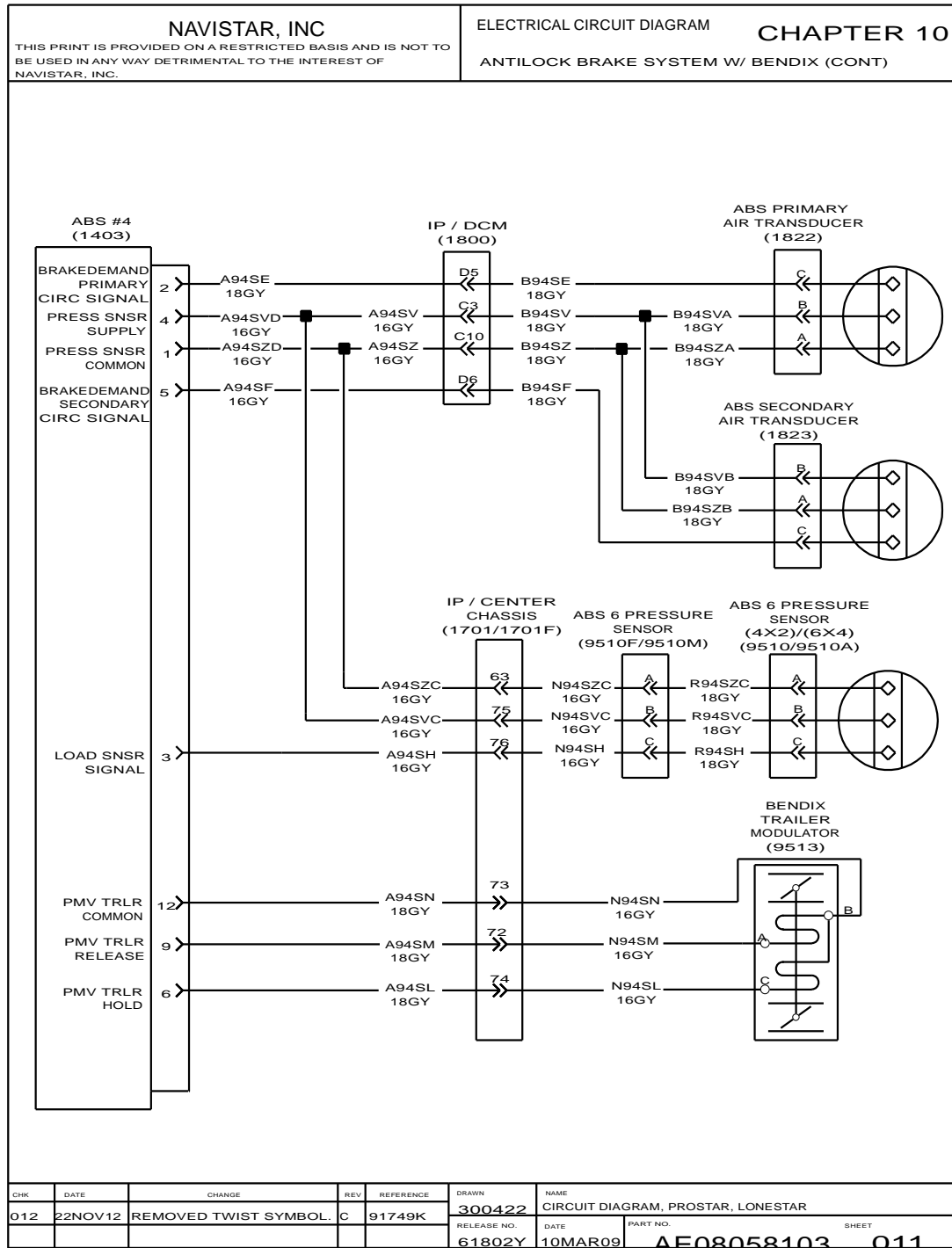


Figure 335 Antilock Brake System with Bendix (Cont.)

10.15. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 12

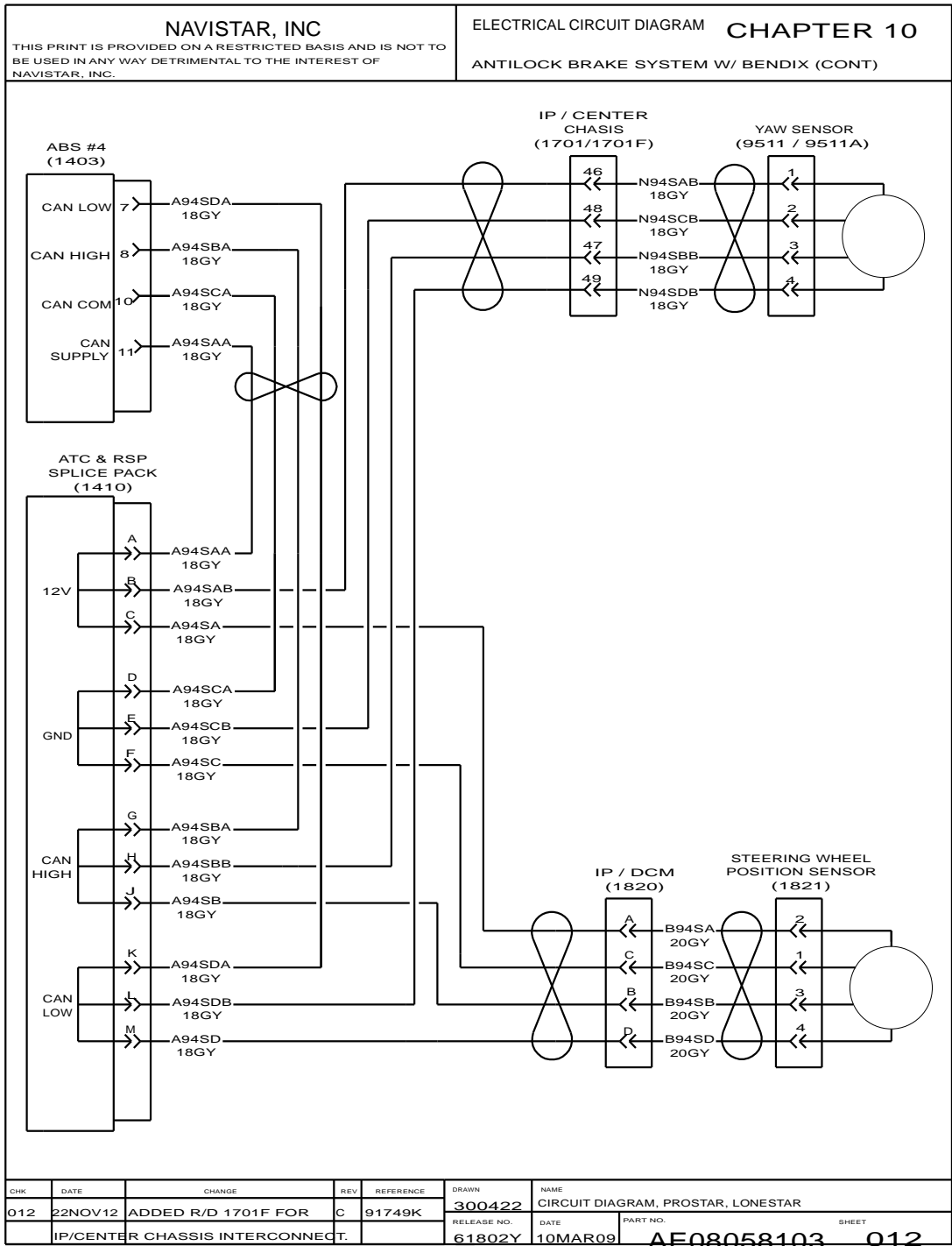


Figure 336 Antilock Brake System with Bendix (Cont.)

10.16. ANTILOCK BRAKE SYSTEM WITH BENDIX (CONT.), P. 12A

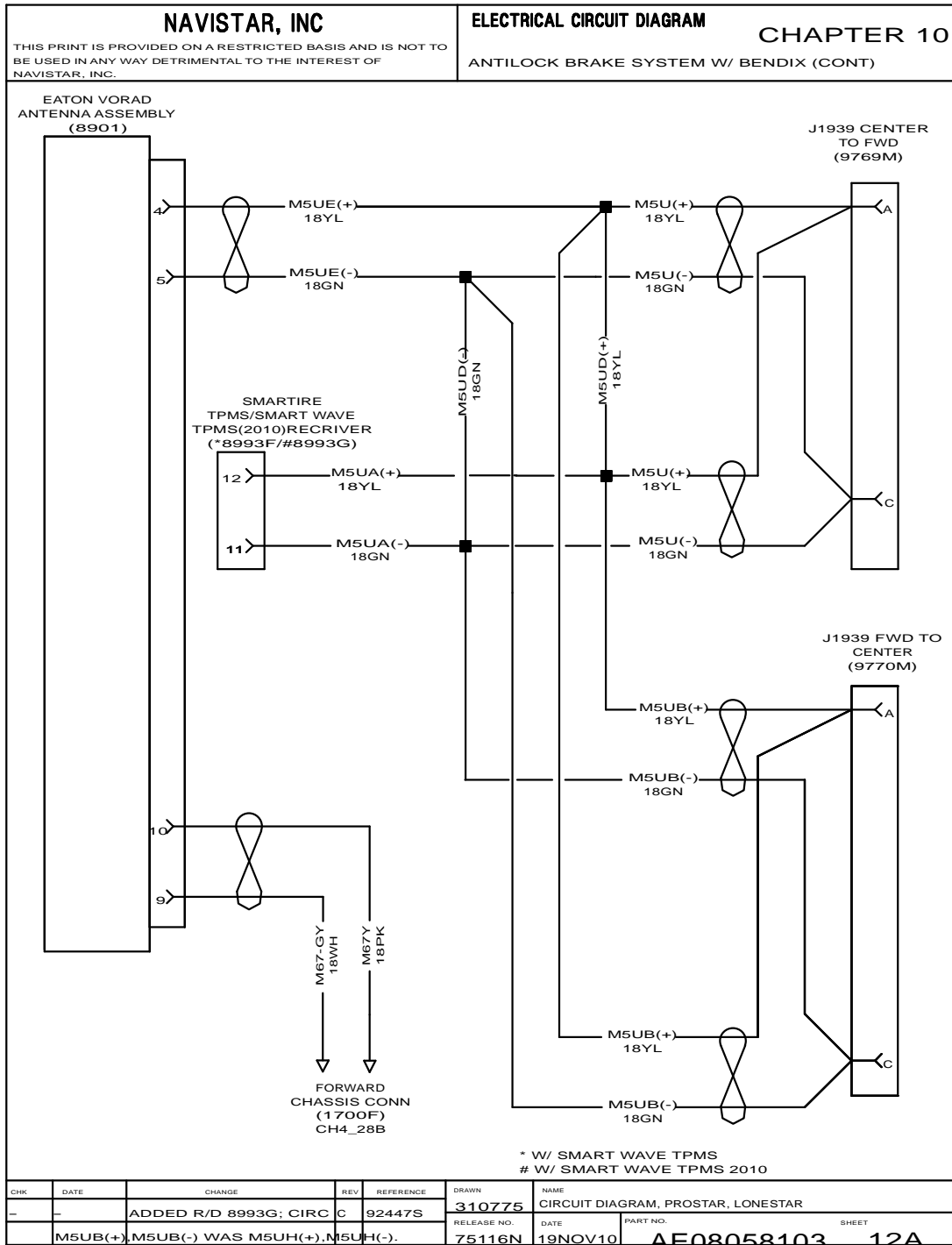


Figure 337 Antilock Brake System with Bendix (Cont.)

10.17. ANTILOCK BRAKE SYSTEM WITH WABCO, P. 12B

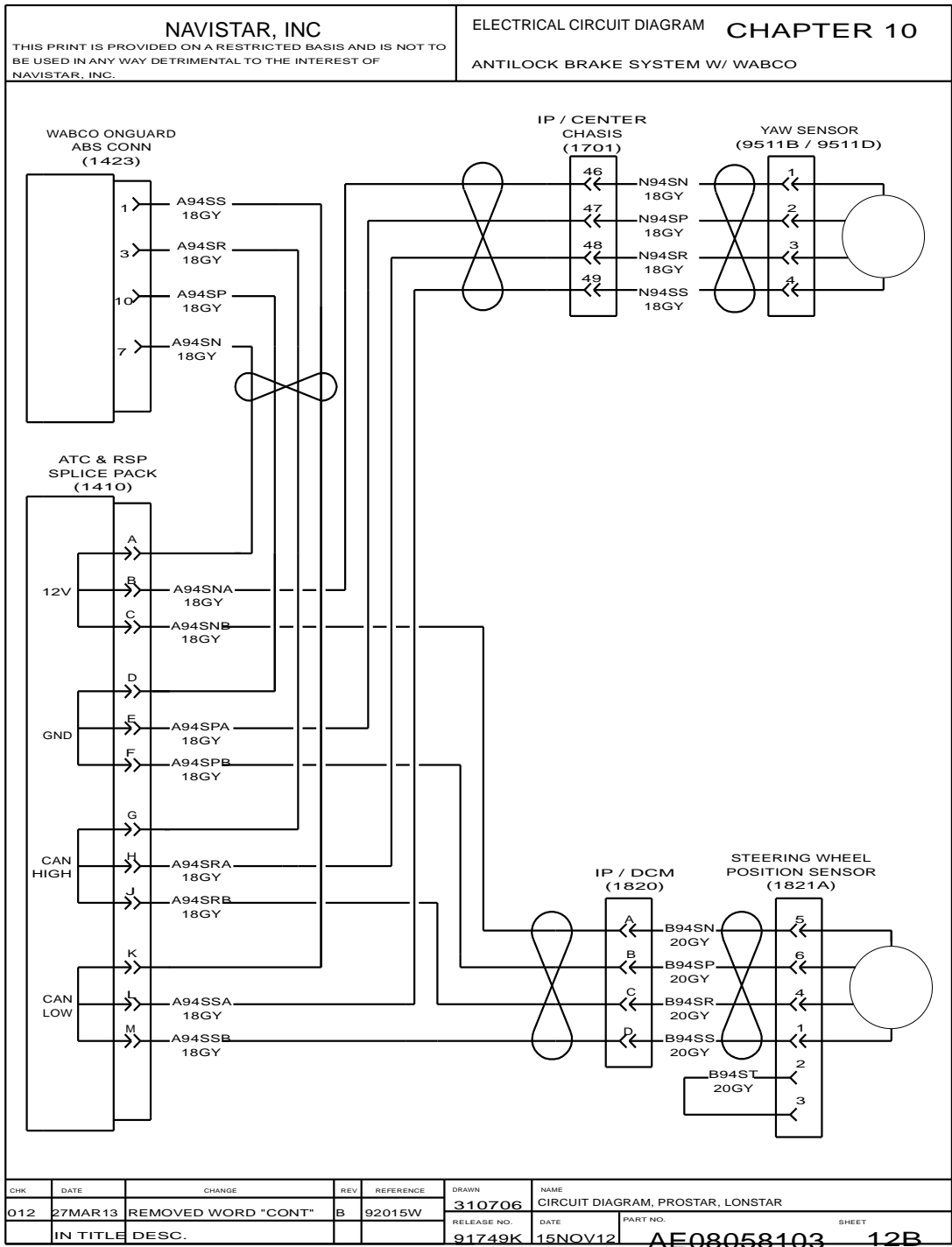


Figure 338 Antilock Brake System with WABCO



10.18. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.) , P. 13

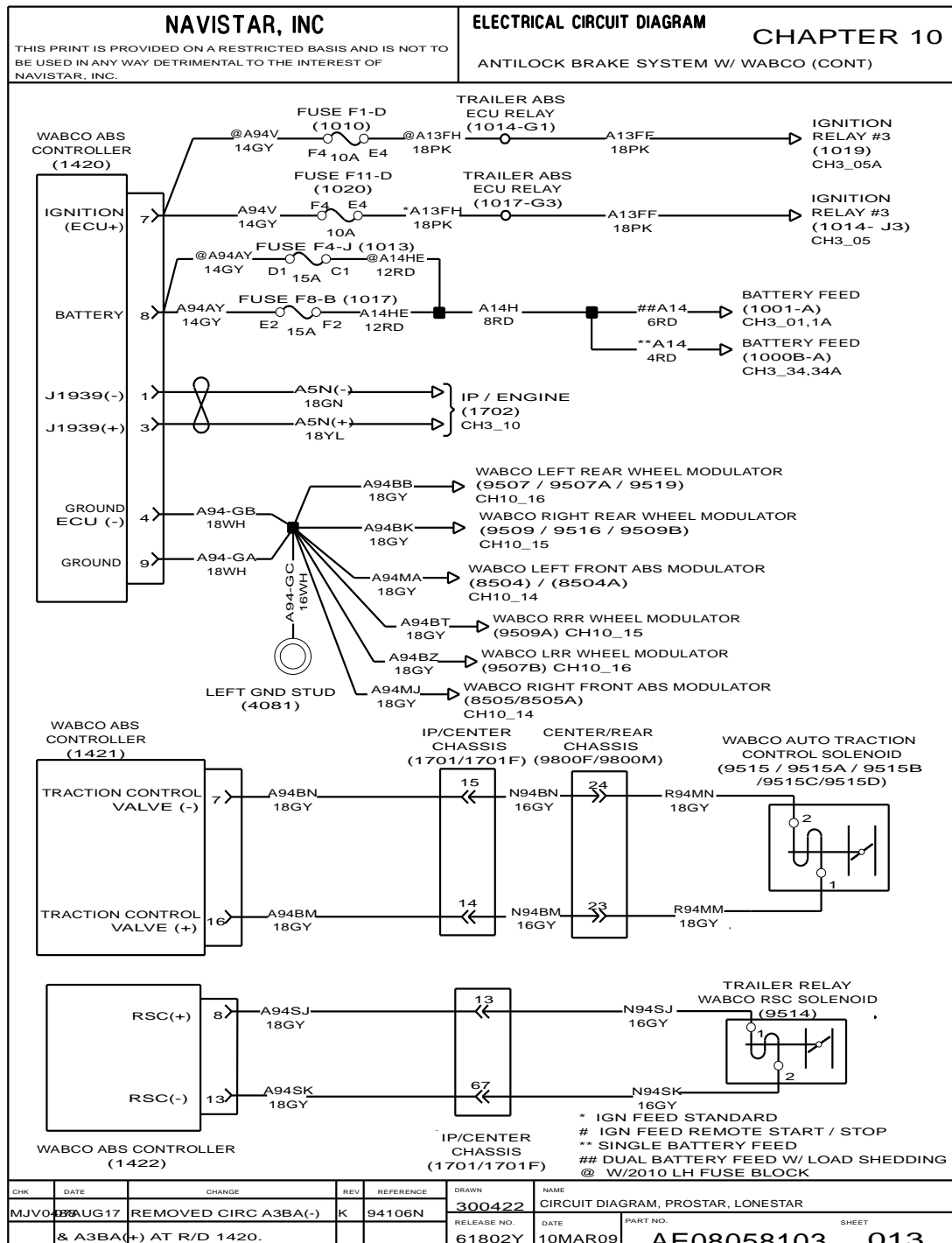


Figure 339 Antilock Brake System with WABCO (Cont.)

10.19. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 13A

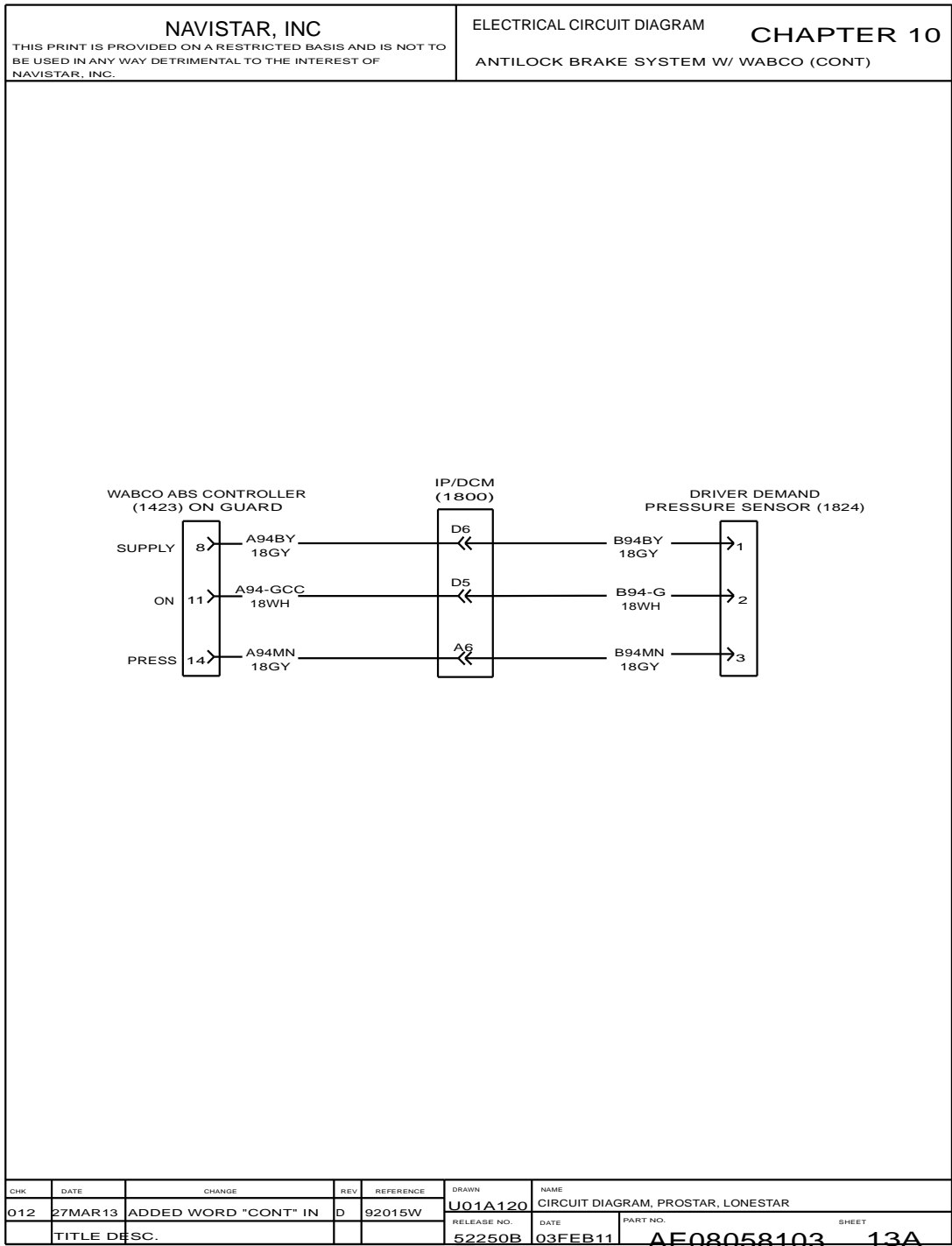


Figure 340 Antilock Brake System with WABCO (Cont.)

10.20. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 13B

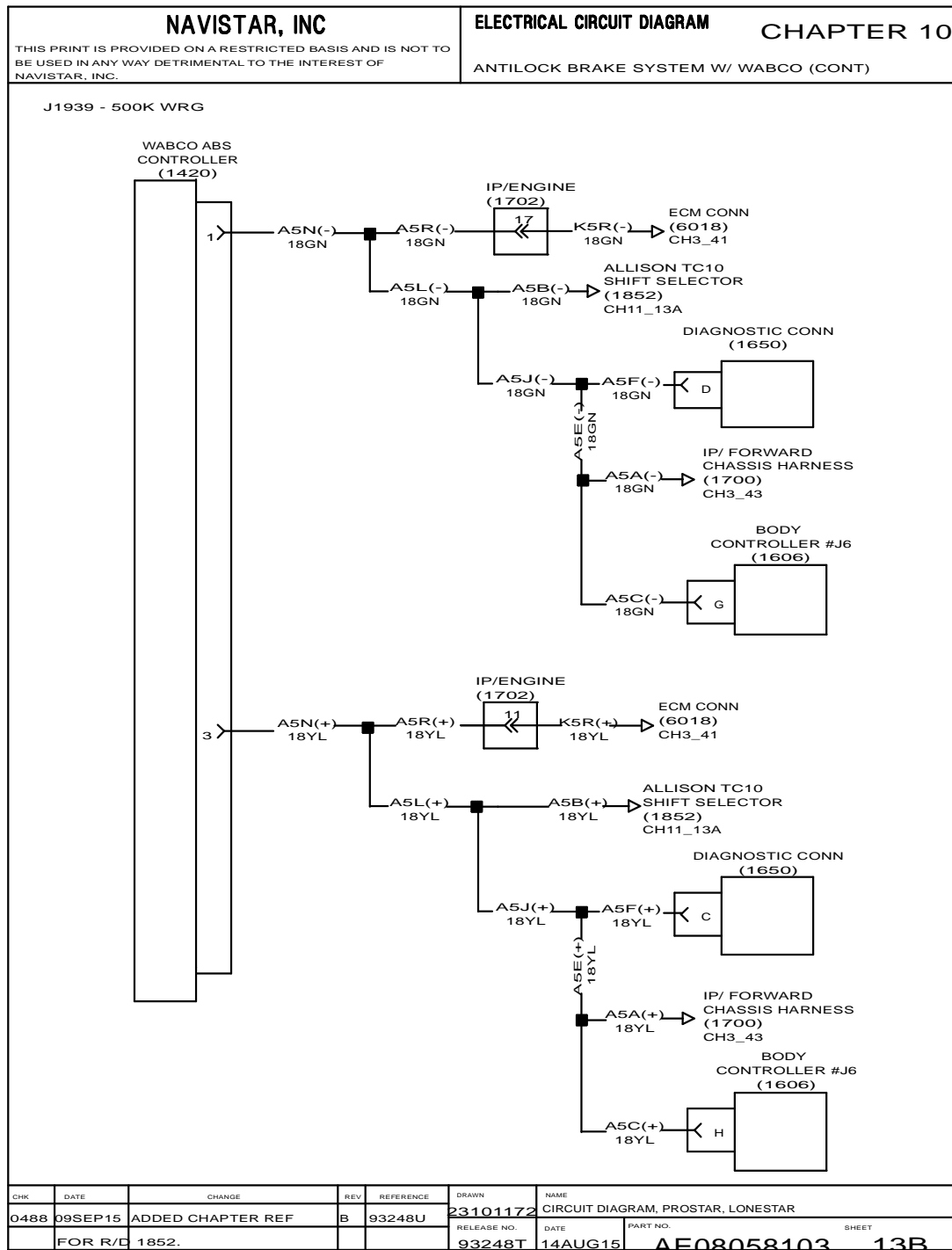


Figure 341 Antilock Brake System with WABCO (Cont.)

10.21. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 14

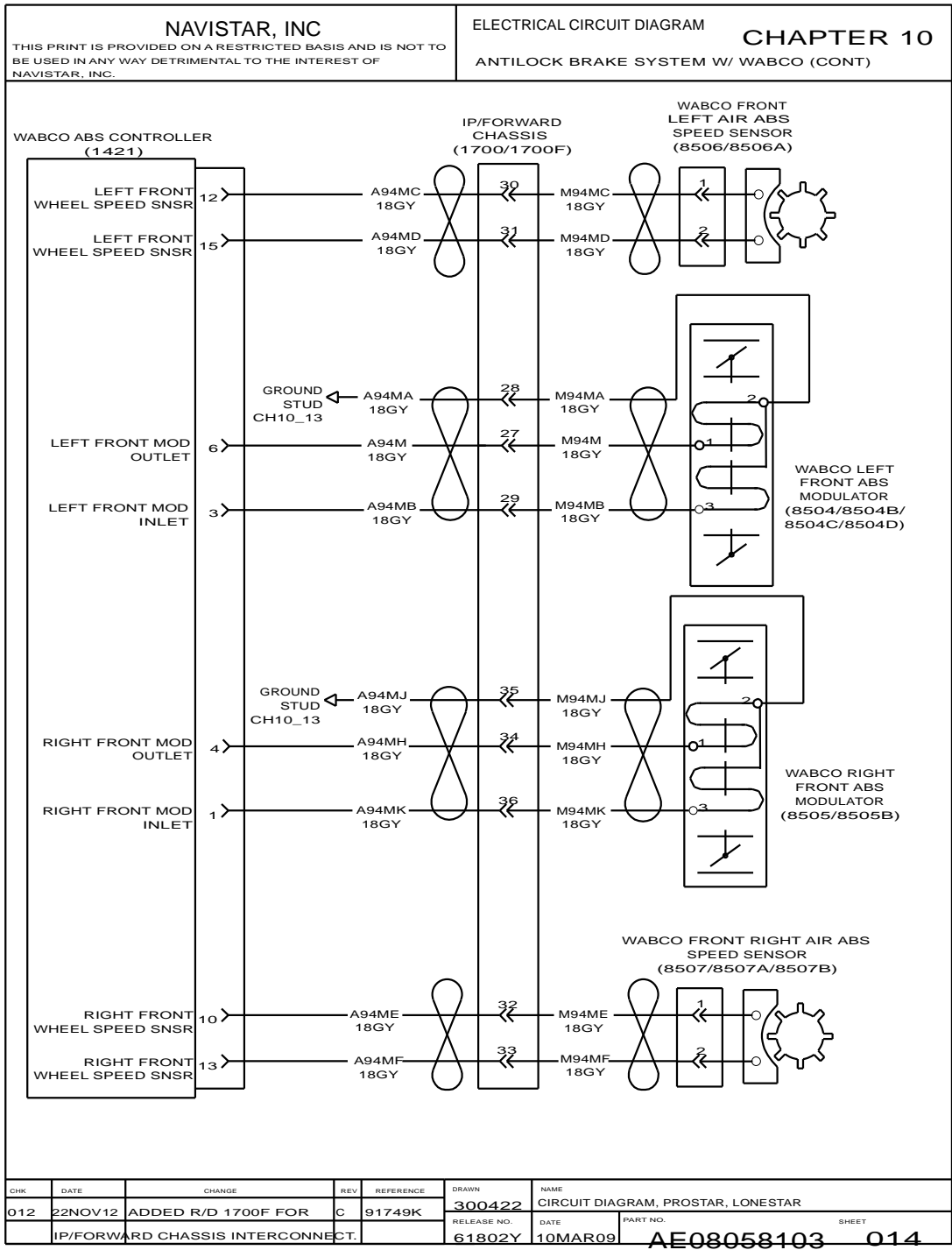


Figure 342 Antilock Brake System with WABCO (Cont.)

10.22. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 15

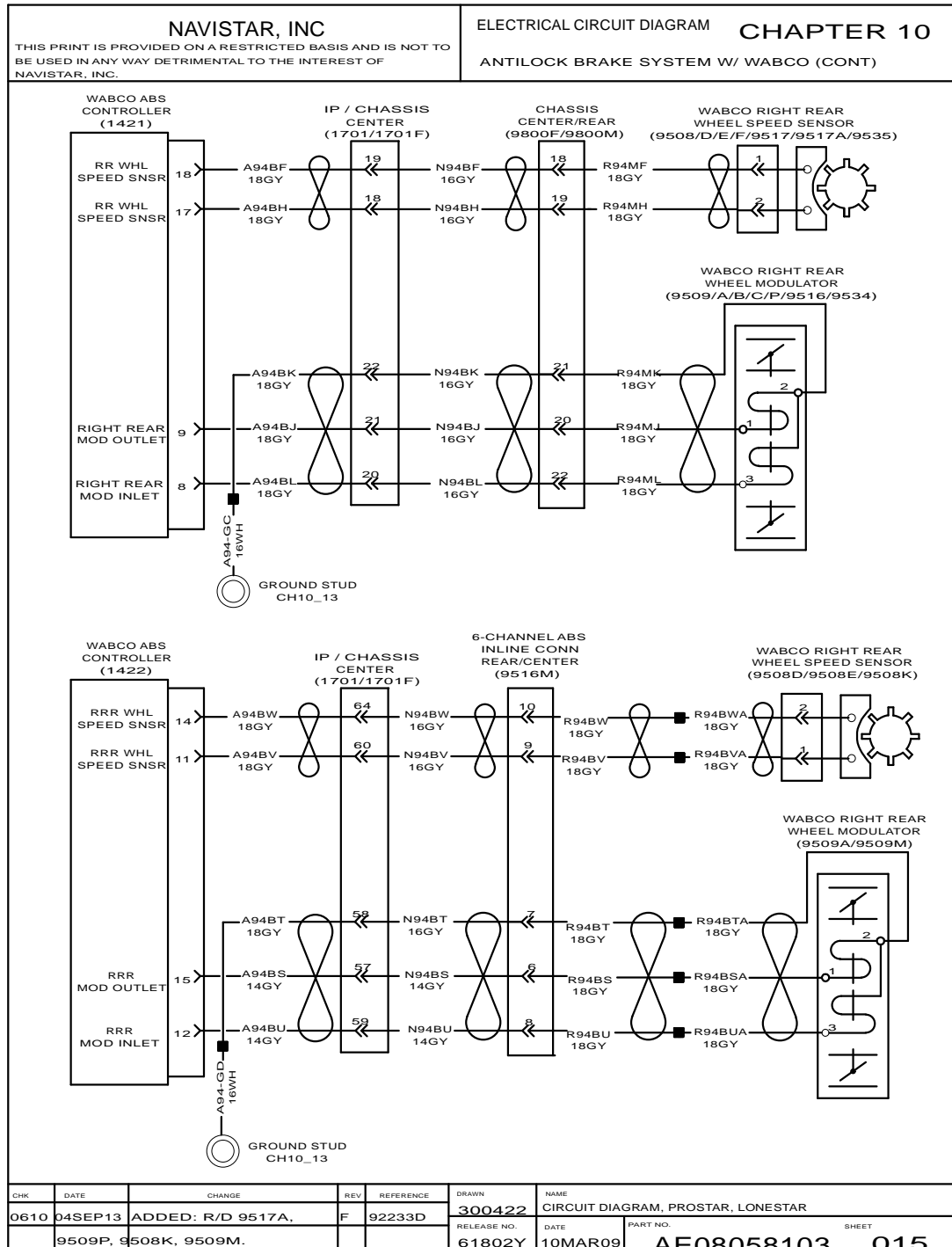


Figure 343 Antilock Brake System with WABCO (Cont.)

10.23. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 15A

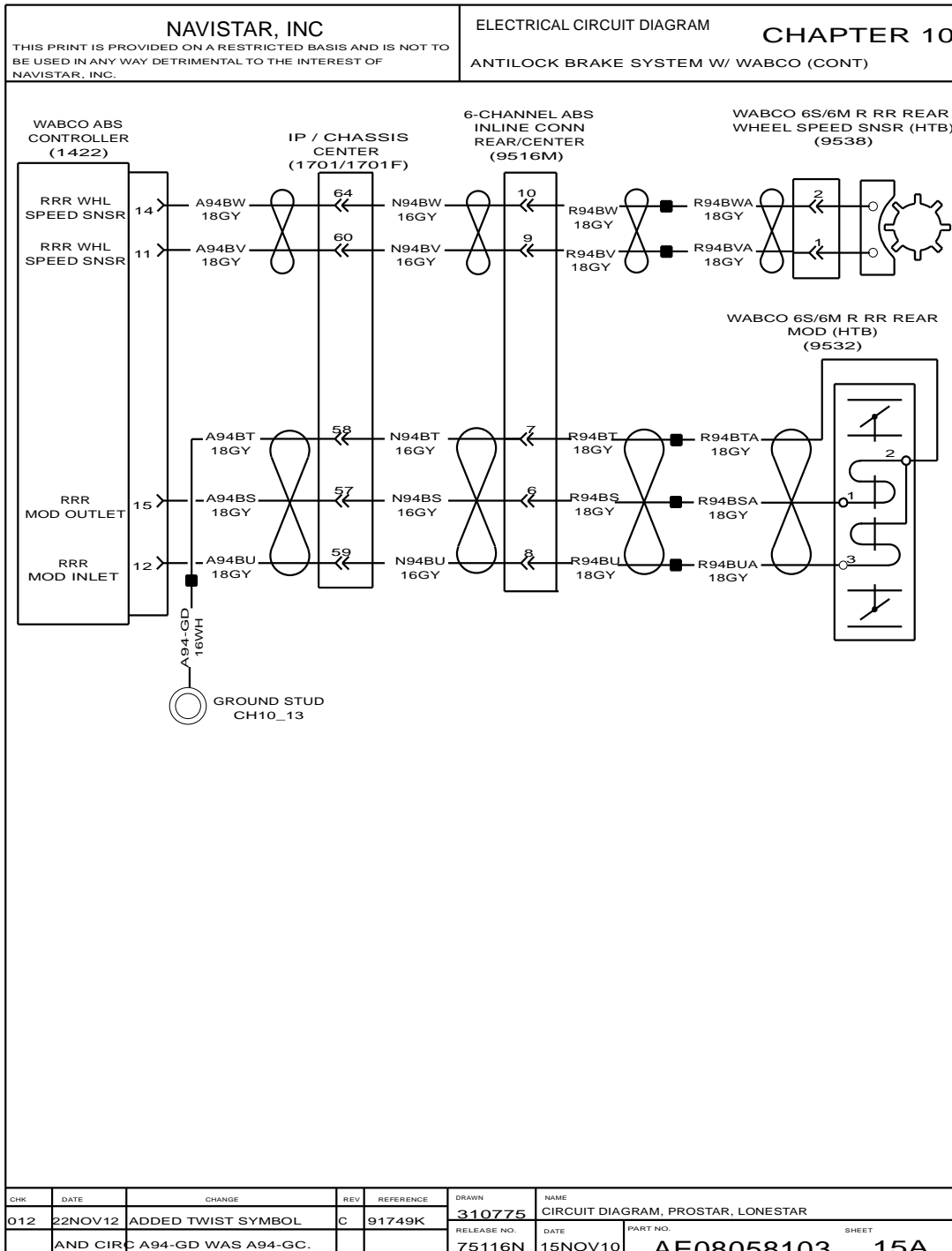


Figure 344 Antilock Brake System With WABCO (Cont.)

10.24. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 16

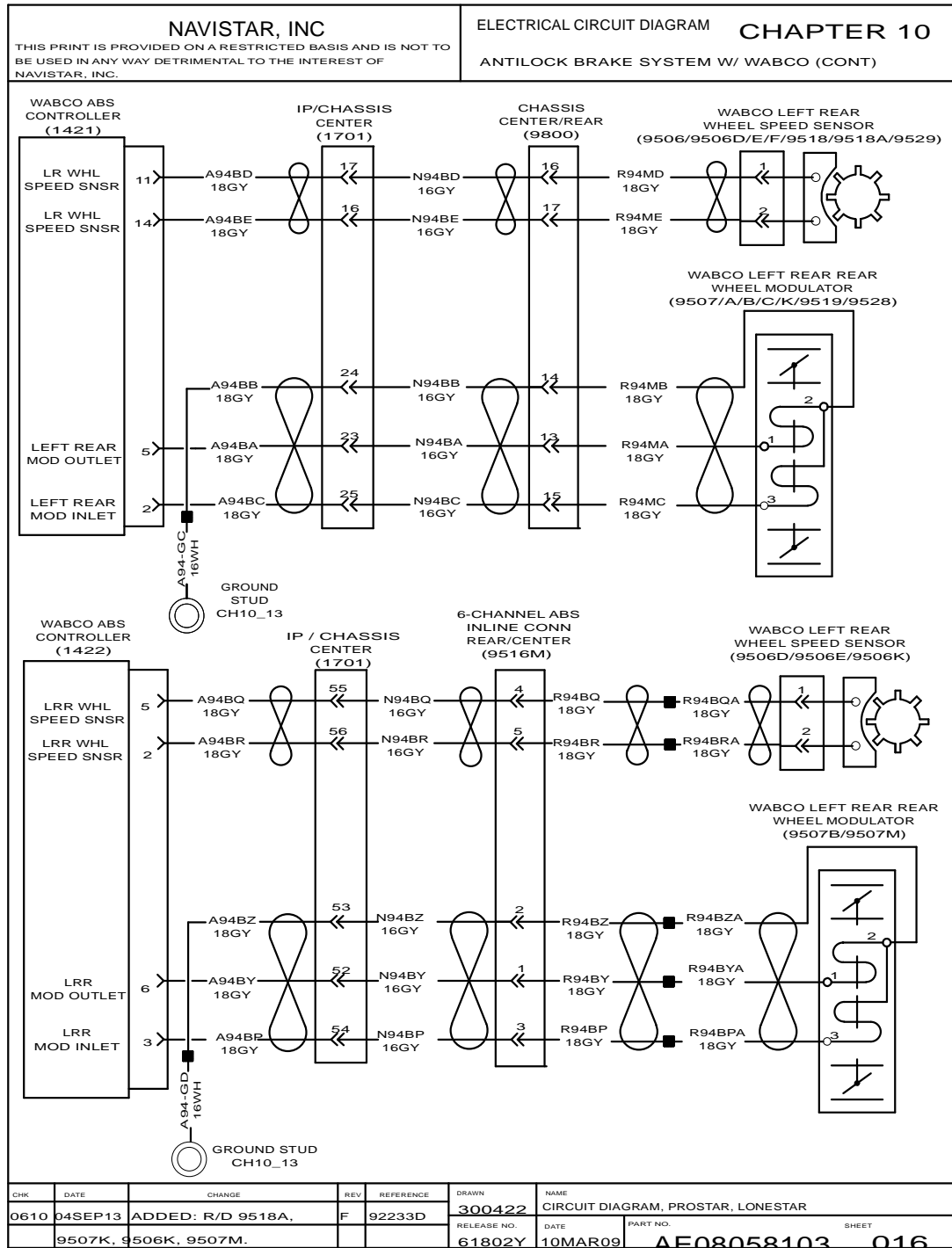


Figure 345 Antilock Brake System with WABCO (Cont.)

10.25. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 16A

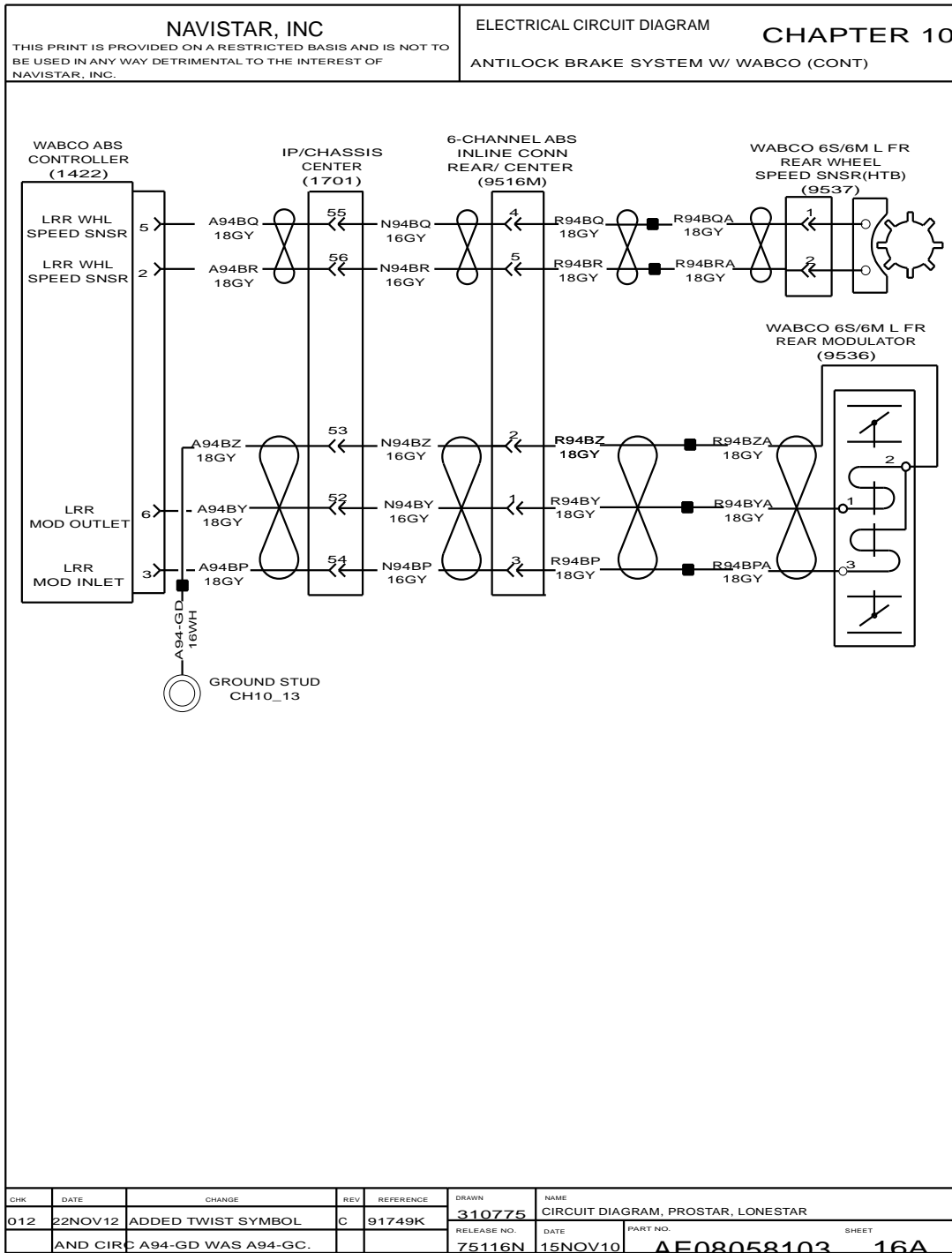


Figure 346 Antilock Brake System with WABCO (Cont.)



10.26. ANTILOCK BRAKE SYSTEM WITH WABCO (CONT.), P. 16B

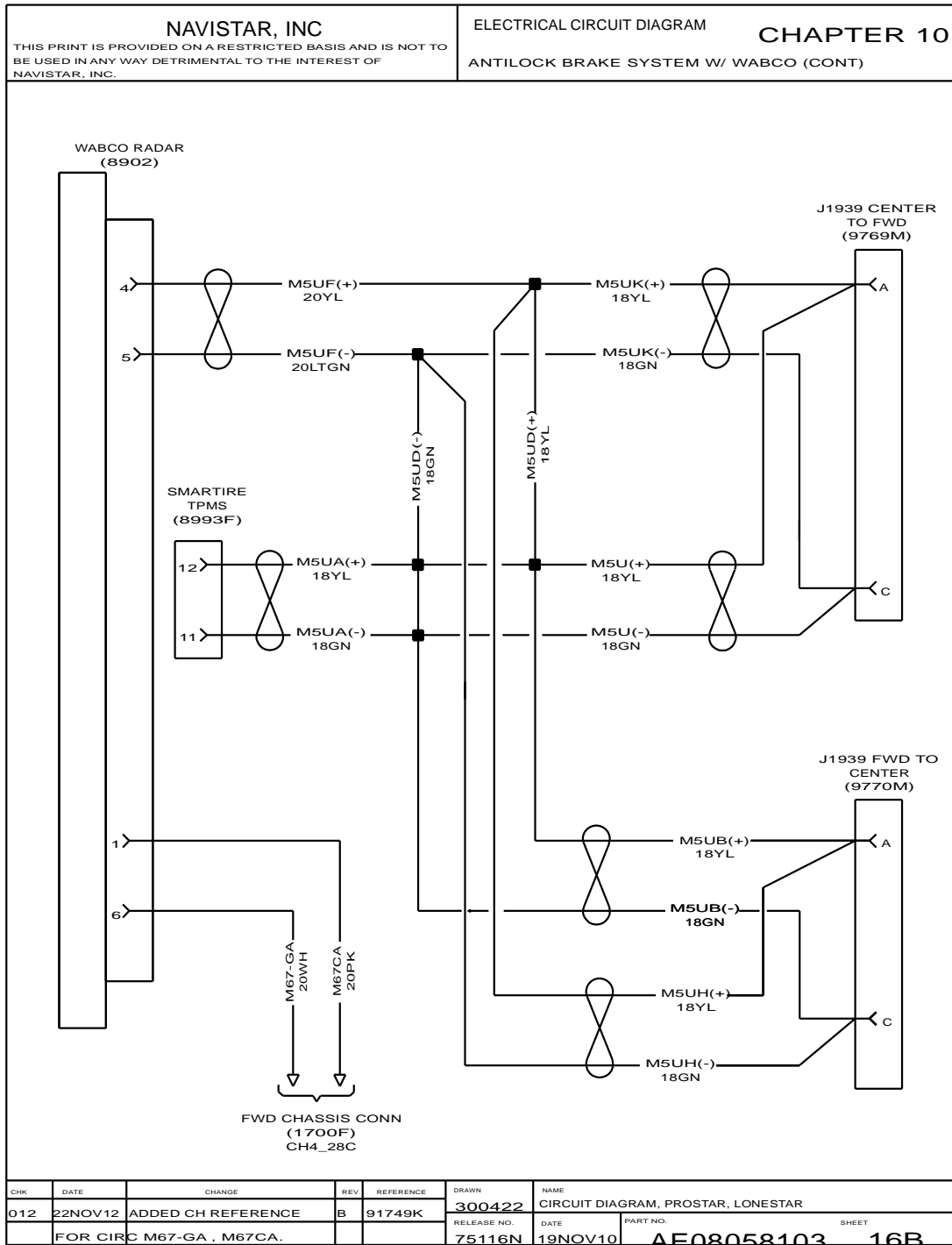


Figure 347 Antilock Brake System with WABCO (Cont.)

10.27. POWER TAKE OFF, P. 17

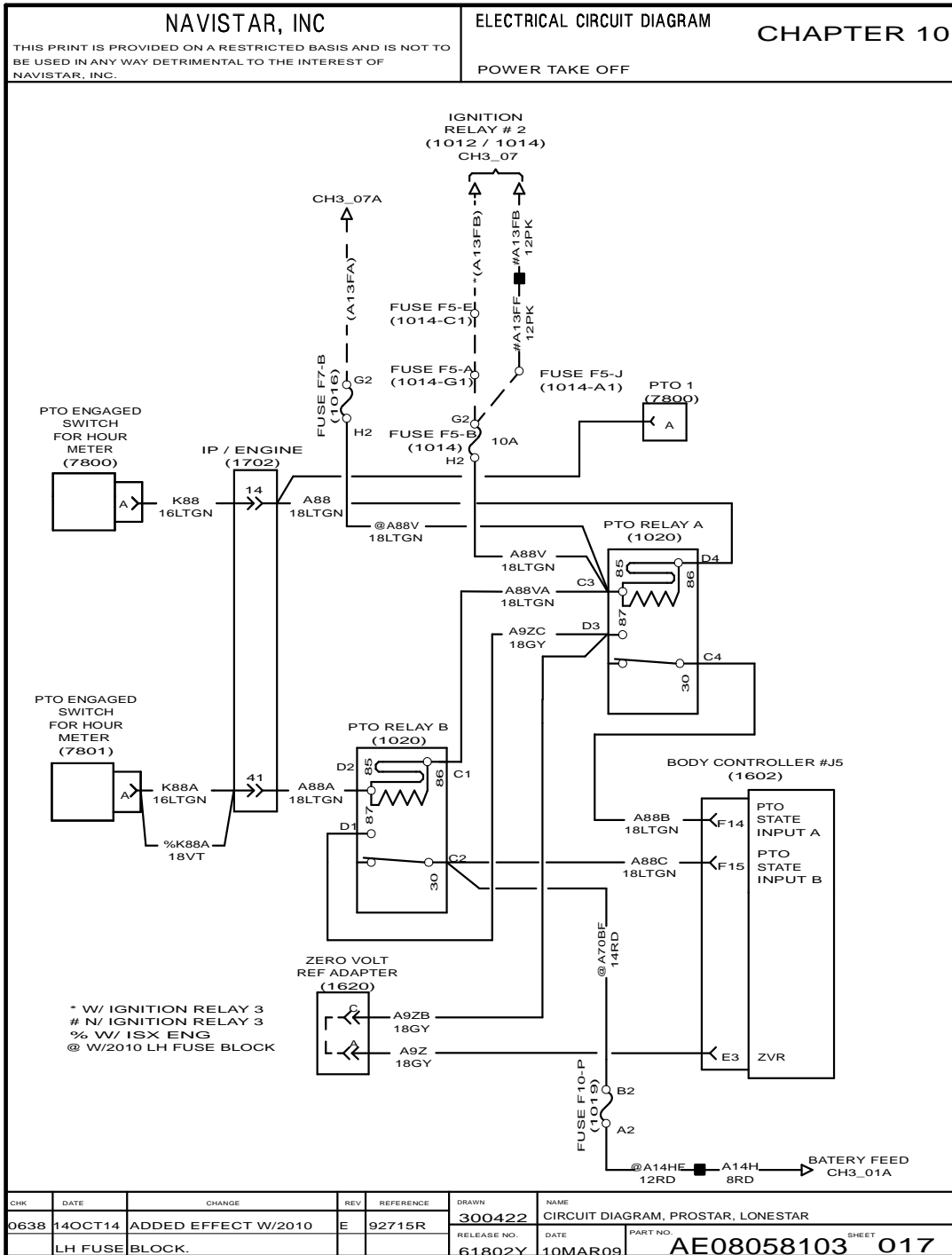


Figure 348 Power Take Off

10.28. VEHICLE SENSOR MODULE, P. 18

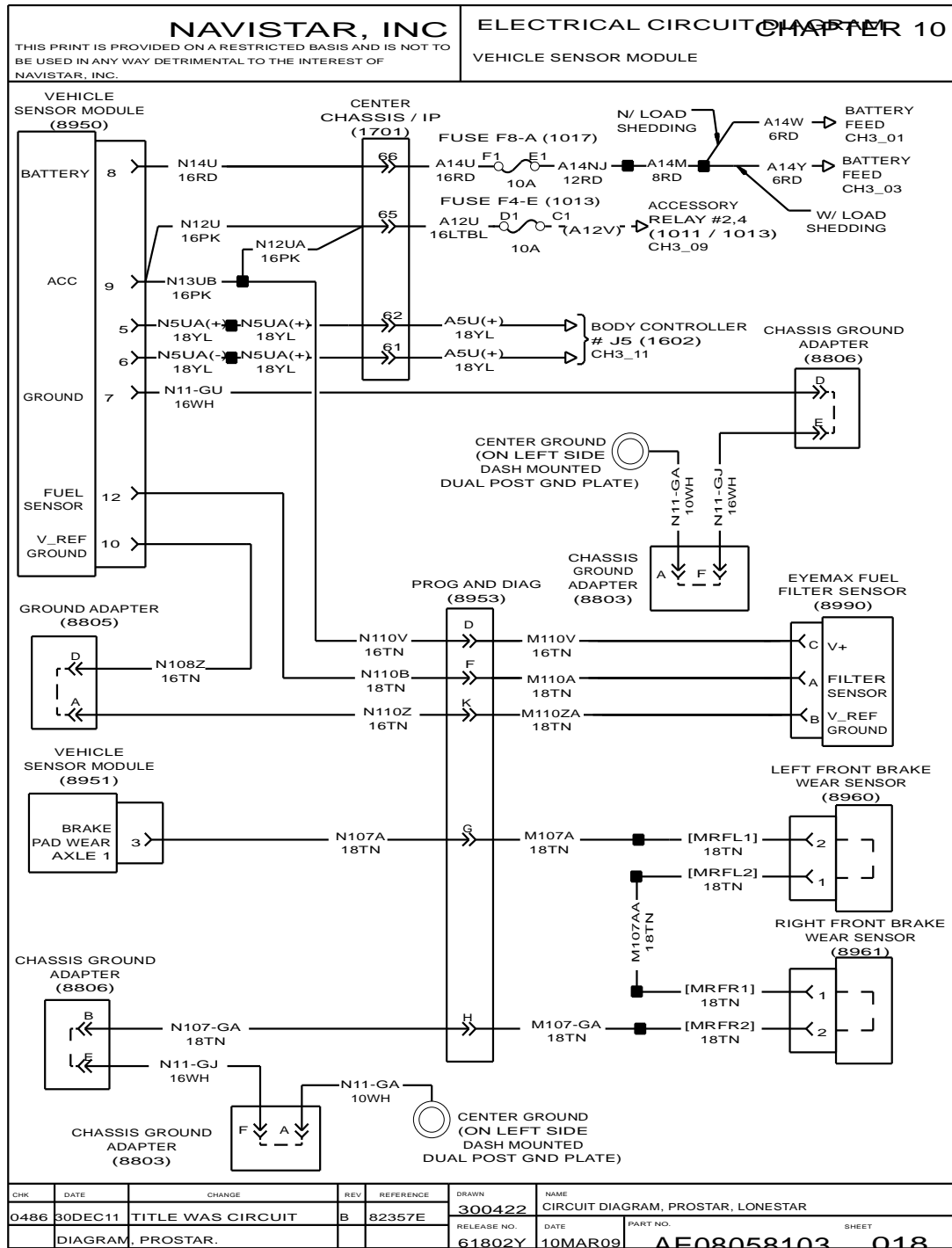


Figure 349 Vehicle Sensor Module

10.29. VEHICLE SENSOR MODULE (CONT.), P. 19

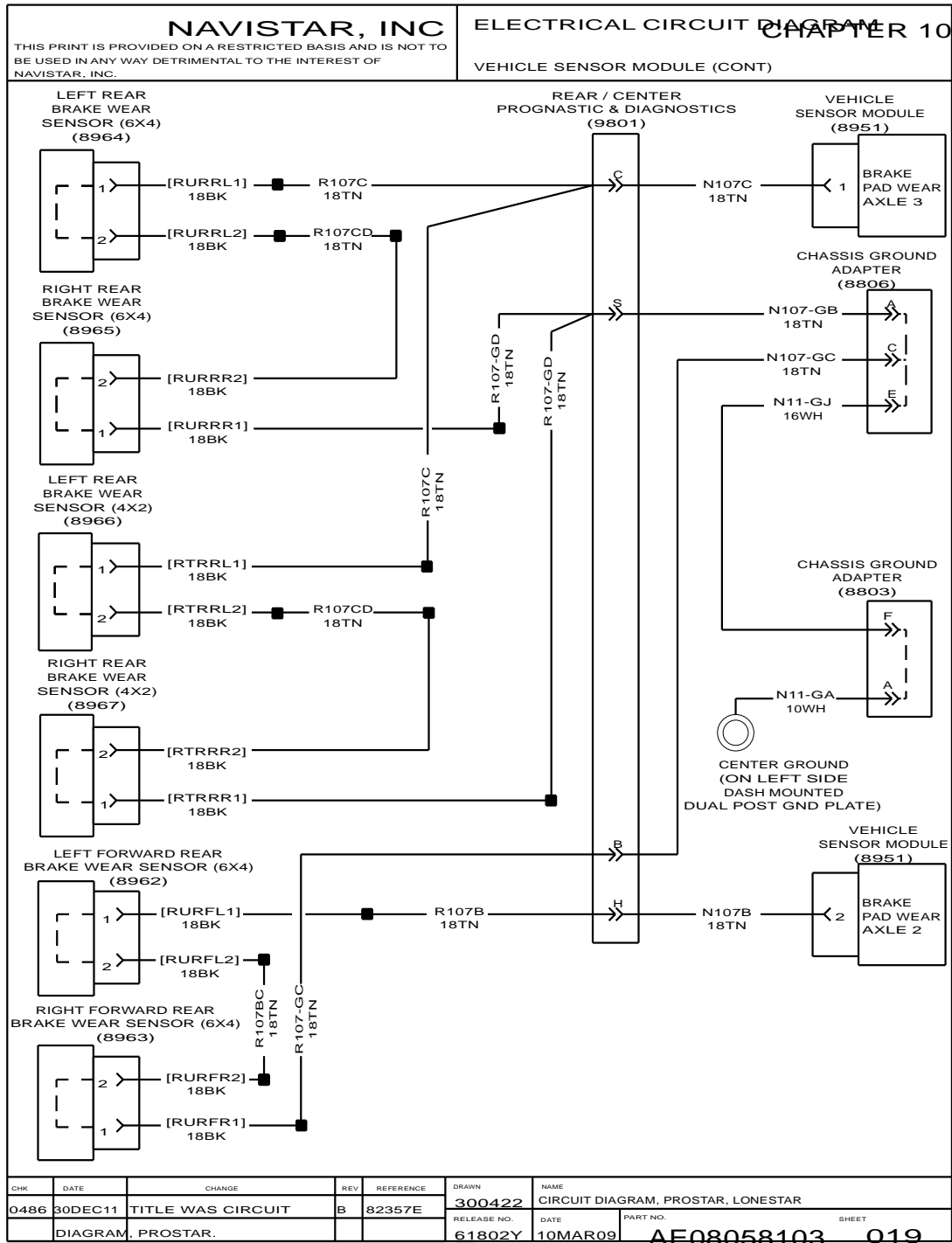


Figure 350 Vehicle Sensor Module (Cont.)

10.30. BRAKE SENSOR – WEAR / STROKE, P. 20

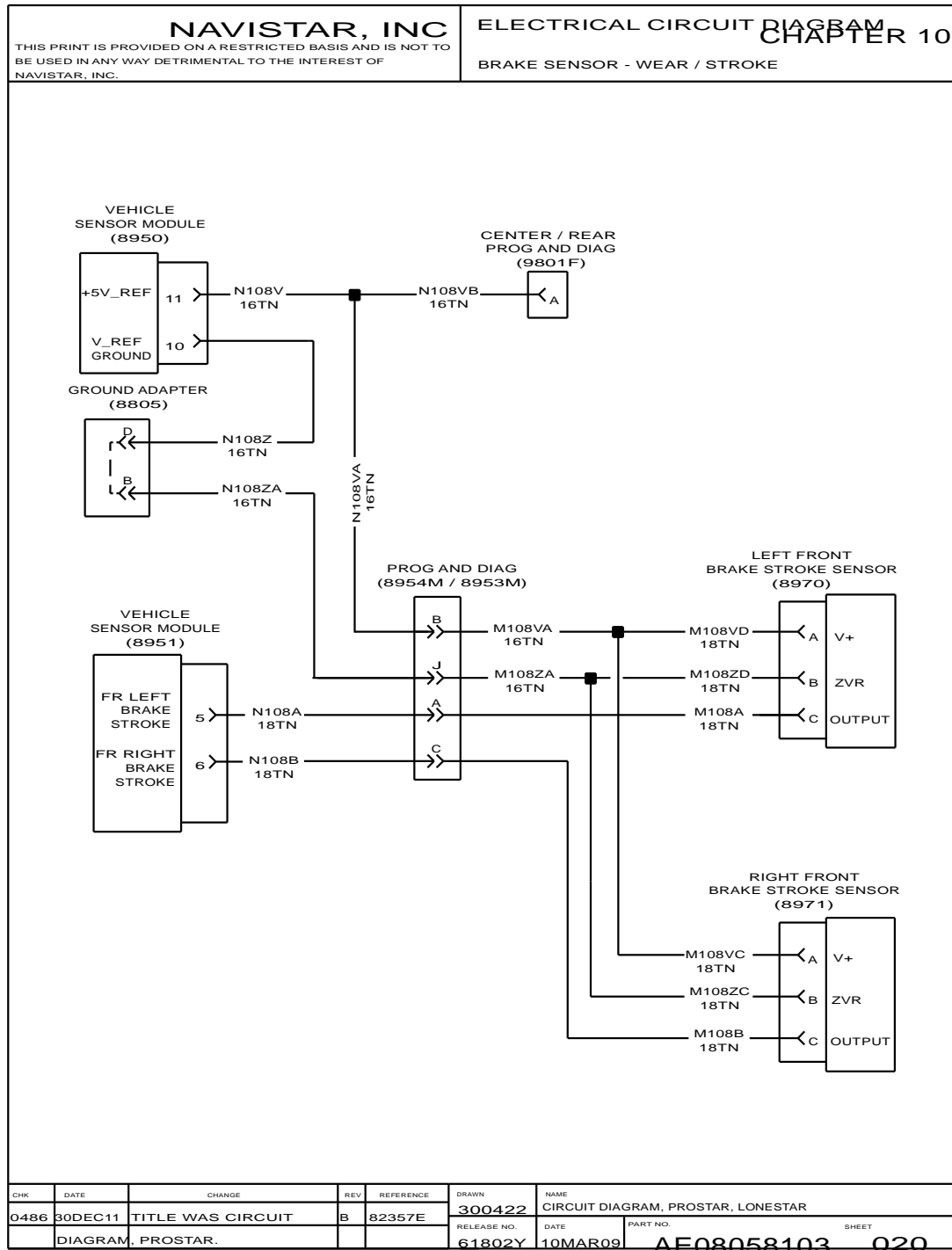


Figure 351 Brake Sensor – Wear / Stroke

10.31. BRAKE SENSOR – WEAR / STROKE (CONT.), P. 21

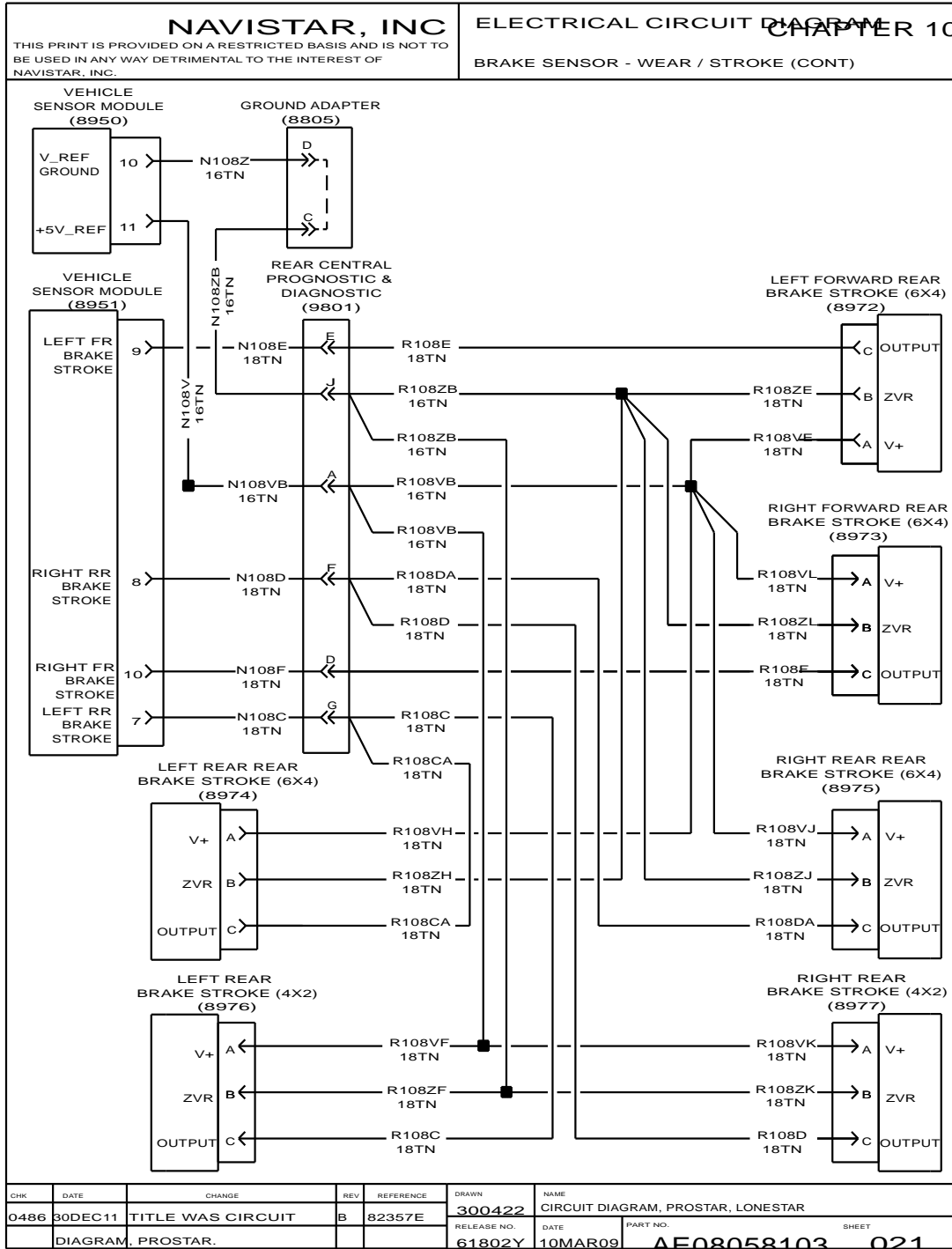


Figure 352 Brake Sensor – Wear / Stroke (Cont.)

10.32. BODY BUILDER, P. 22

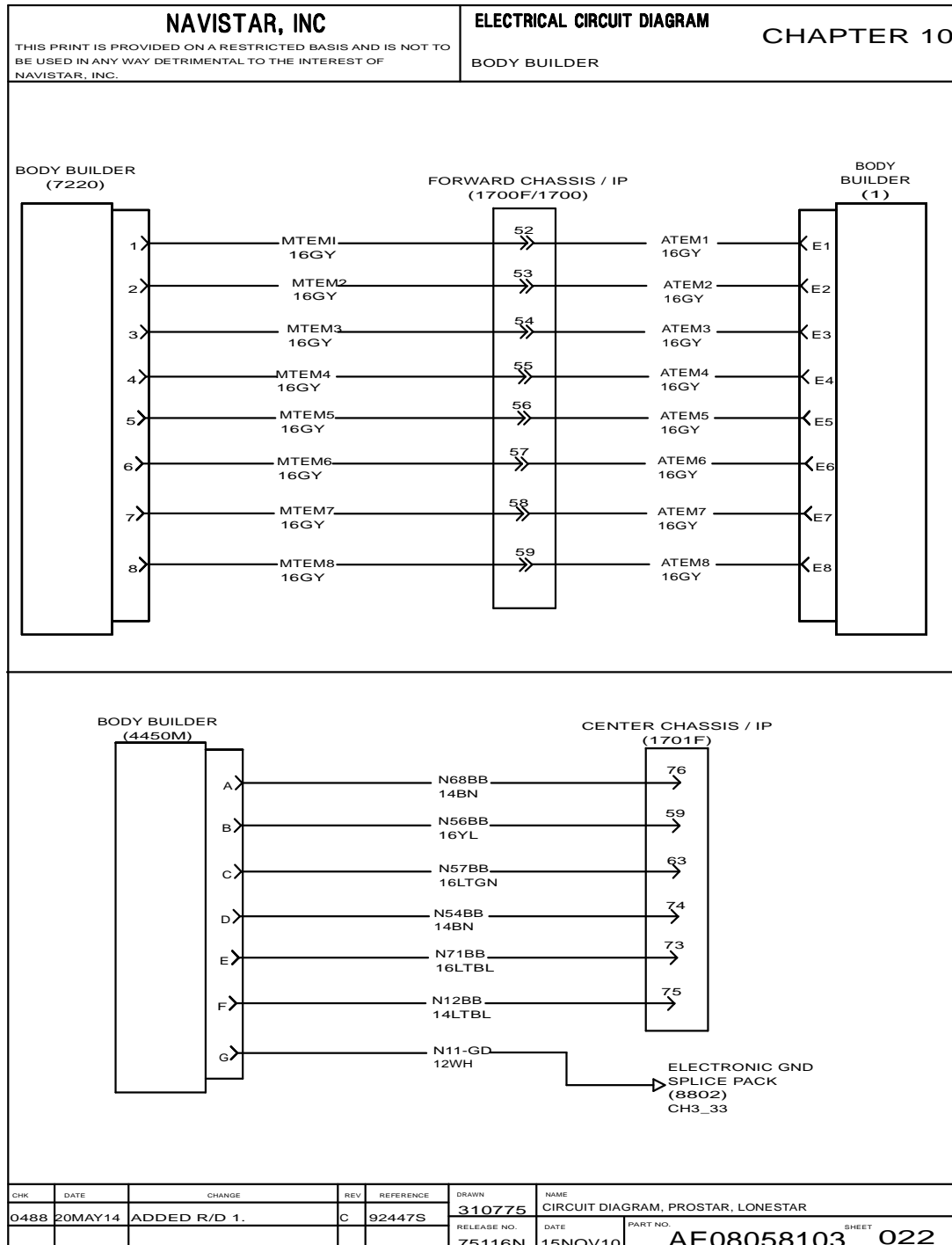


Figure 353 Body Builder

10.33. LIFT GATE POWER FEED, P. 22A

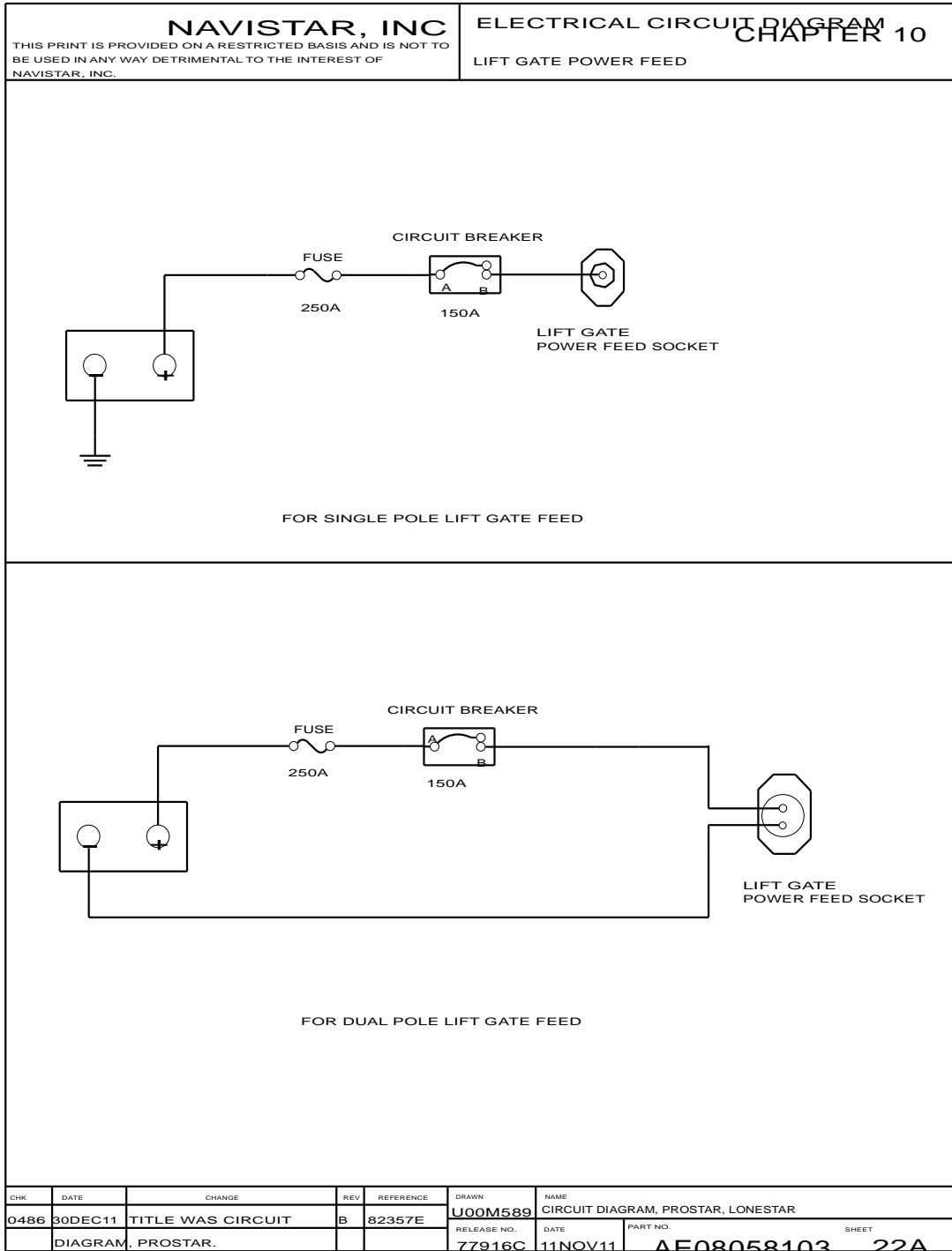


Figure 354 Lift Gate Power Feed



10.34. CUMMINS ICON, P. 23

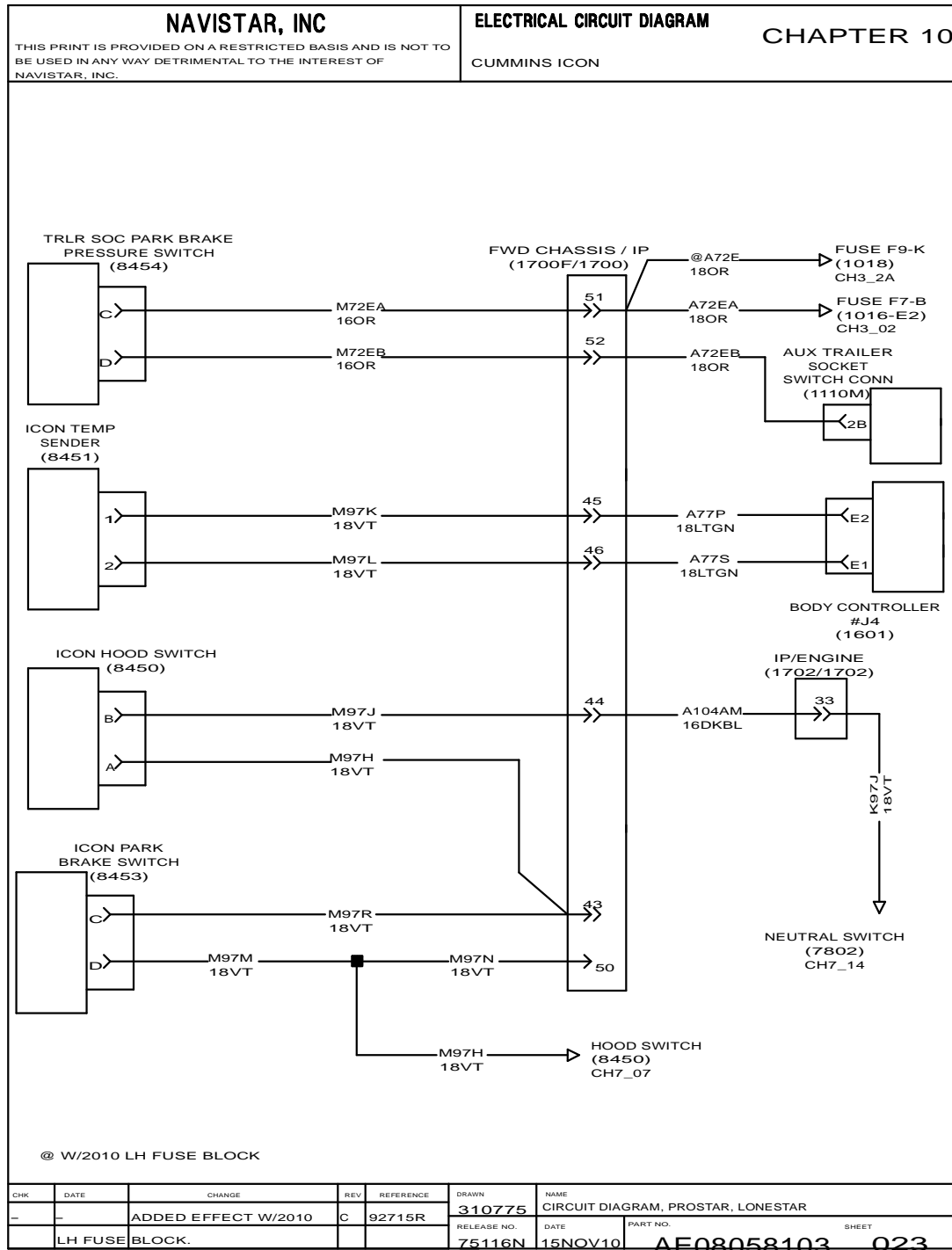


Figure 355 Cummins Icon

10.35. POWER TAKE-OFF CONNECTION, P. 24

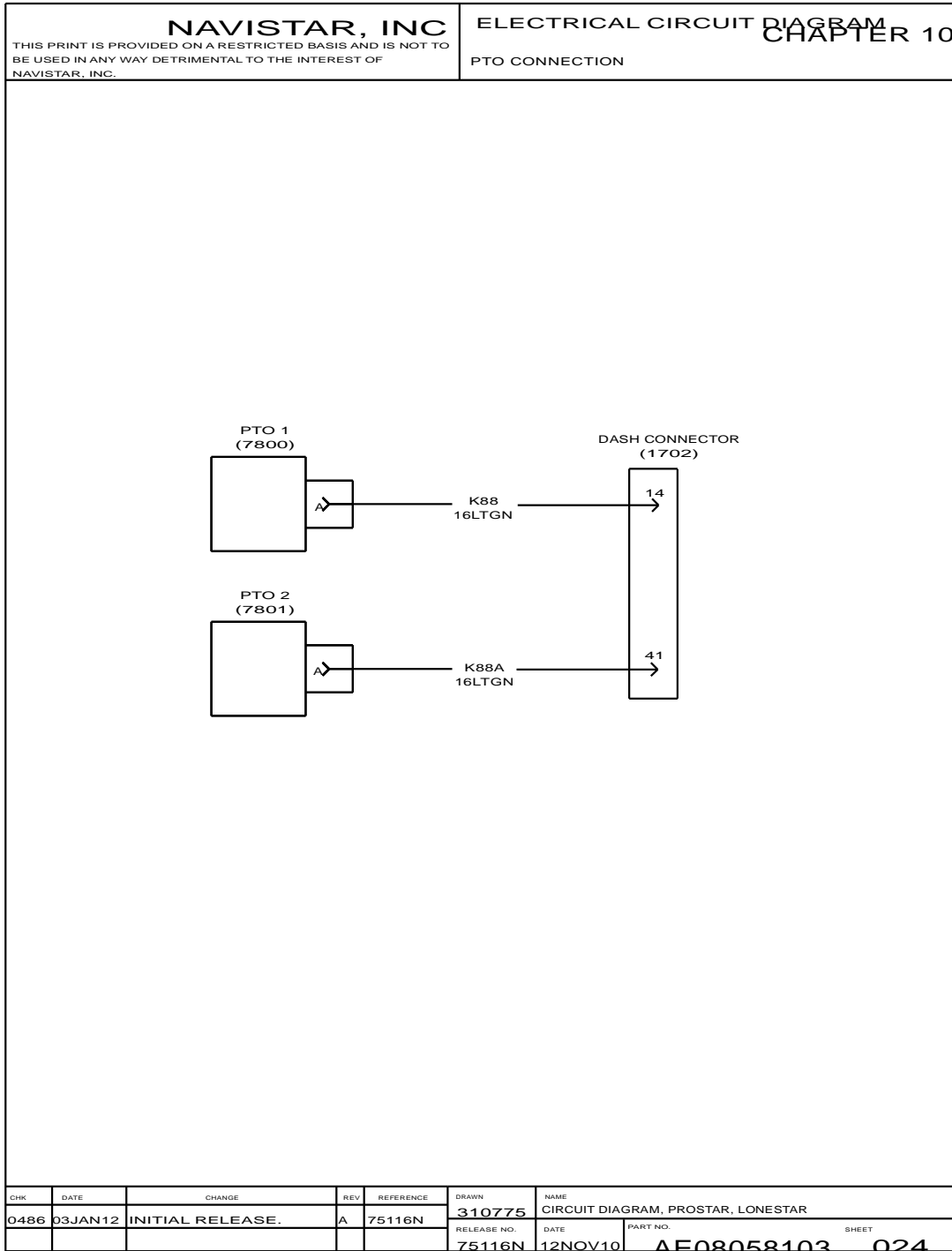


Figure 356 Power Take-Off Connection

10.36. CUSTOMER SUPPLIED LIGHTS, P. 25

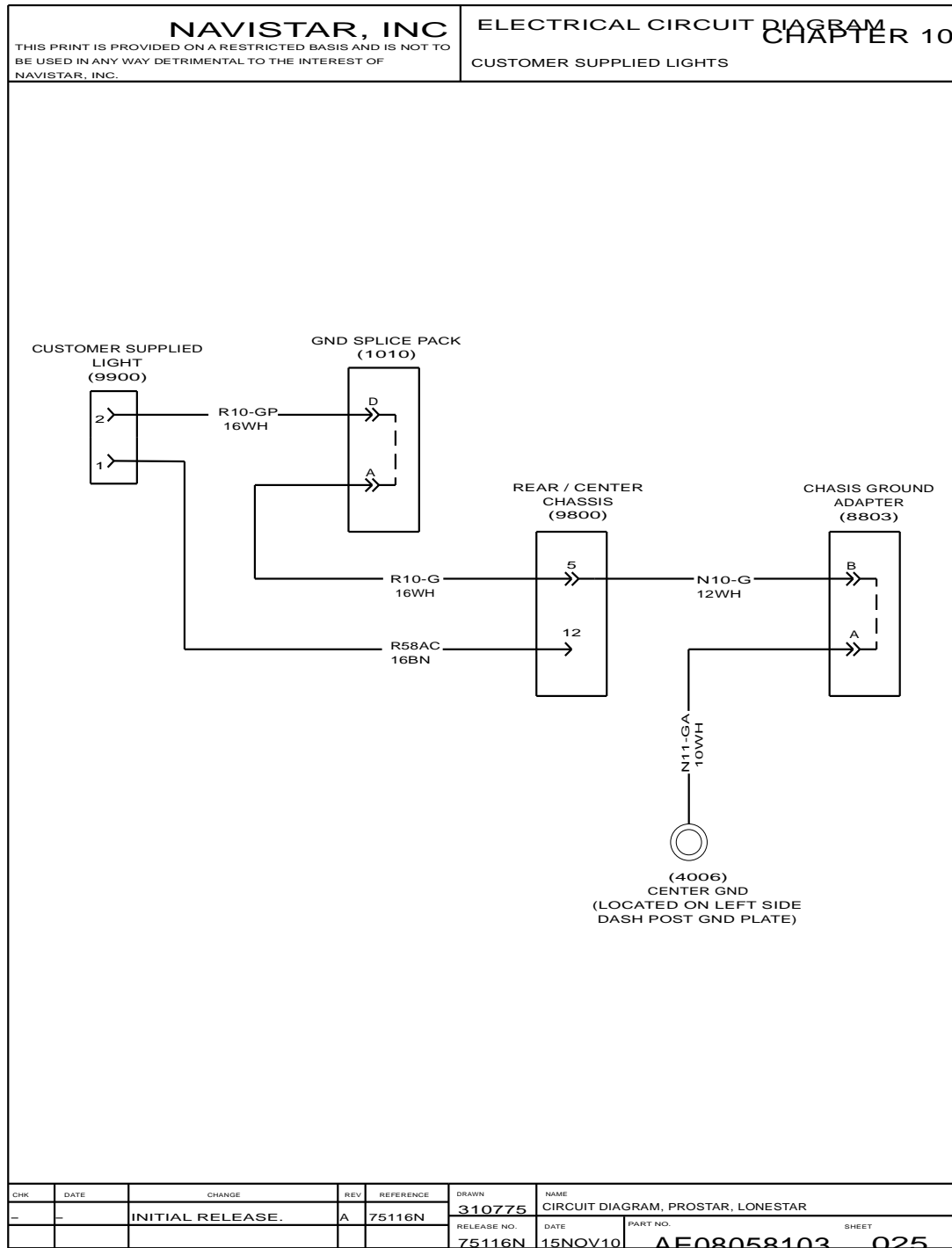


Figure 357 Customer Supplied Lights

10.37. SMARTIRE TPMS RECEIVER, P. 26

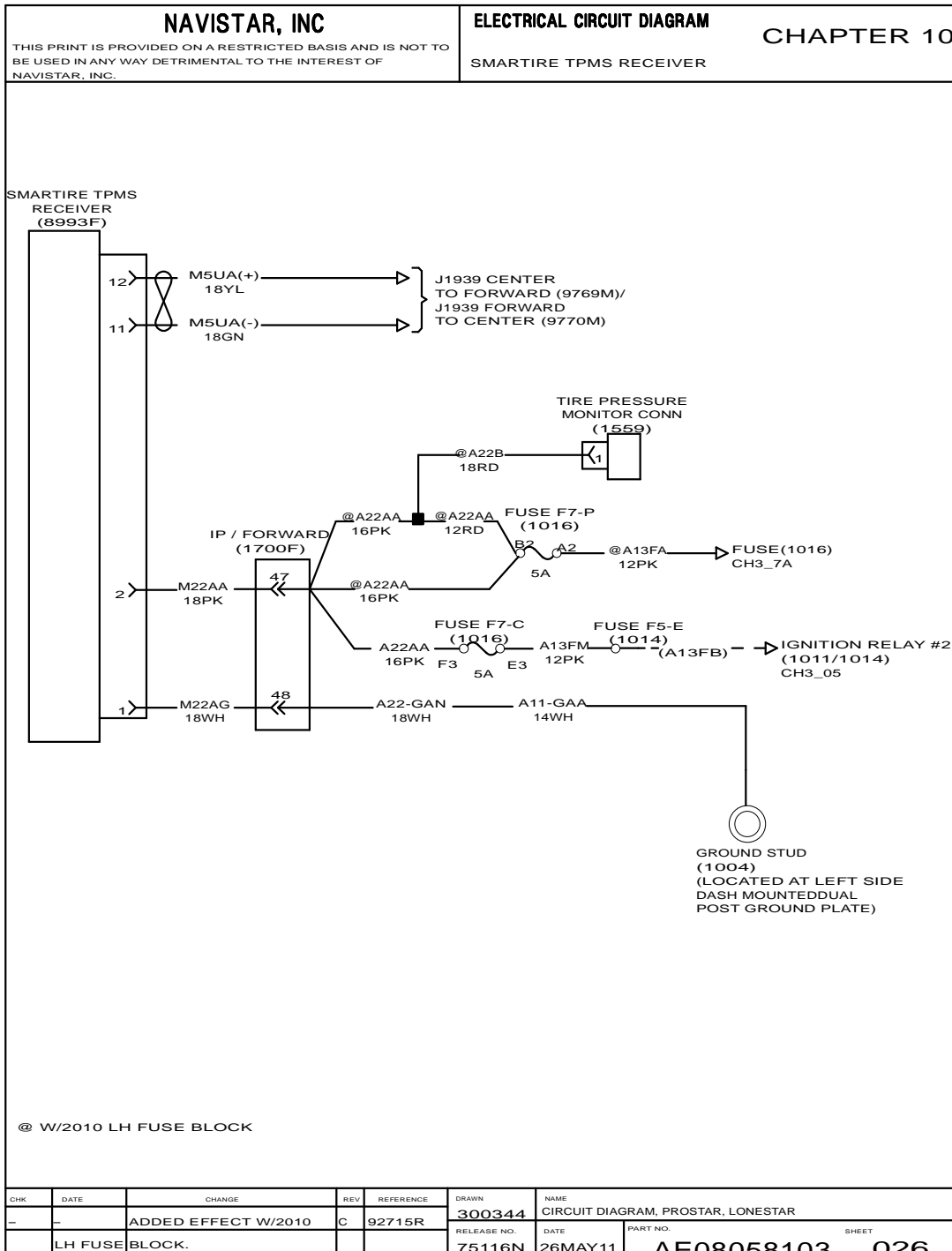


Figure 358 SmarTire TPMS Receiver

10.38. FUEL SENDER WITH ISX ENGINE, P. 27

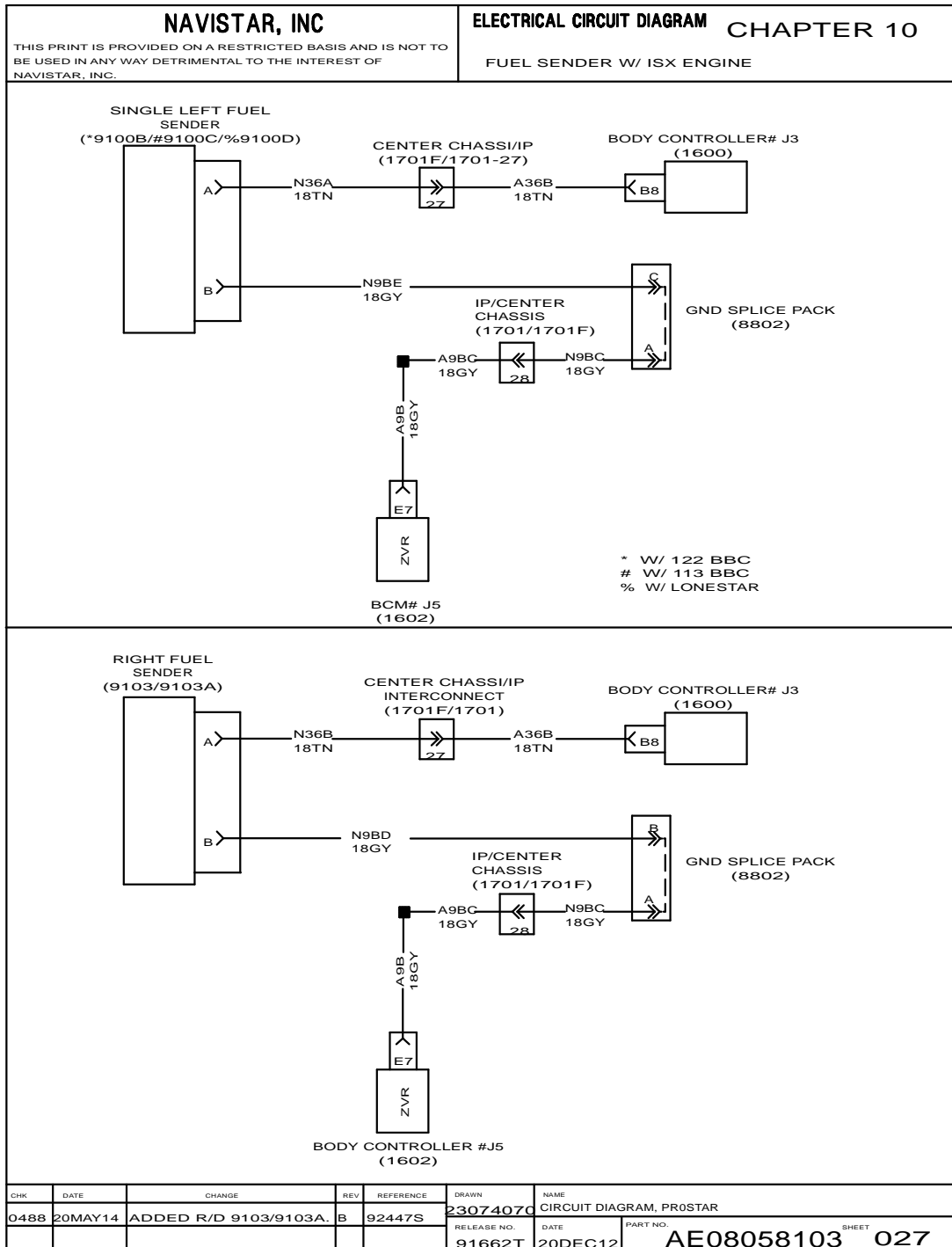


Figure 359 Fuel Sender with ISX Engine

10.39. 5TH WHEEL JAW MONITOR, P. 28

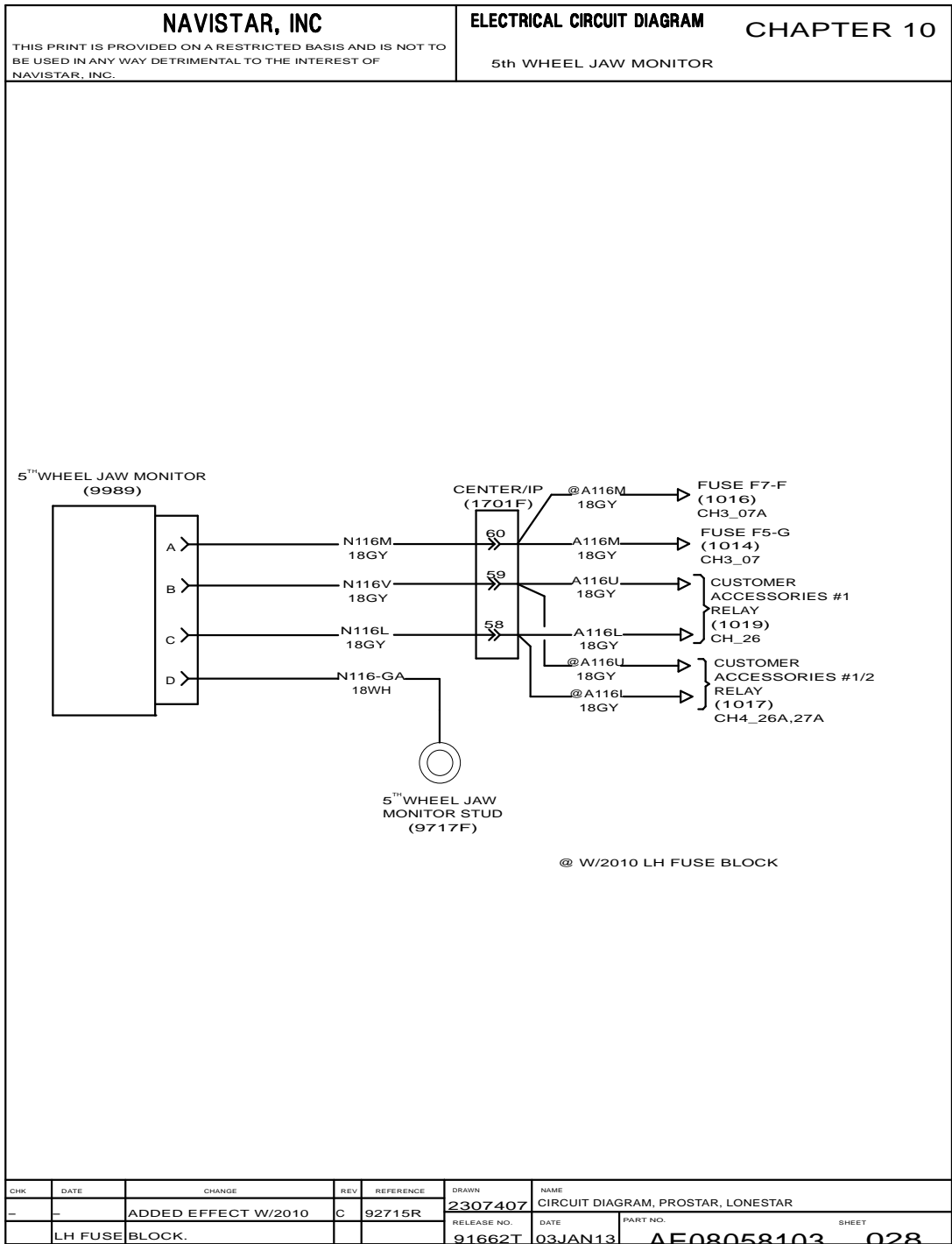


Figure 360 5th Wheel Jaw Monitor

10.40. THE PRESSURE MONITORING, P. 29

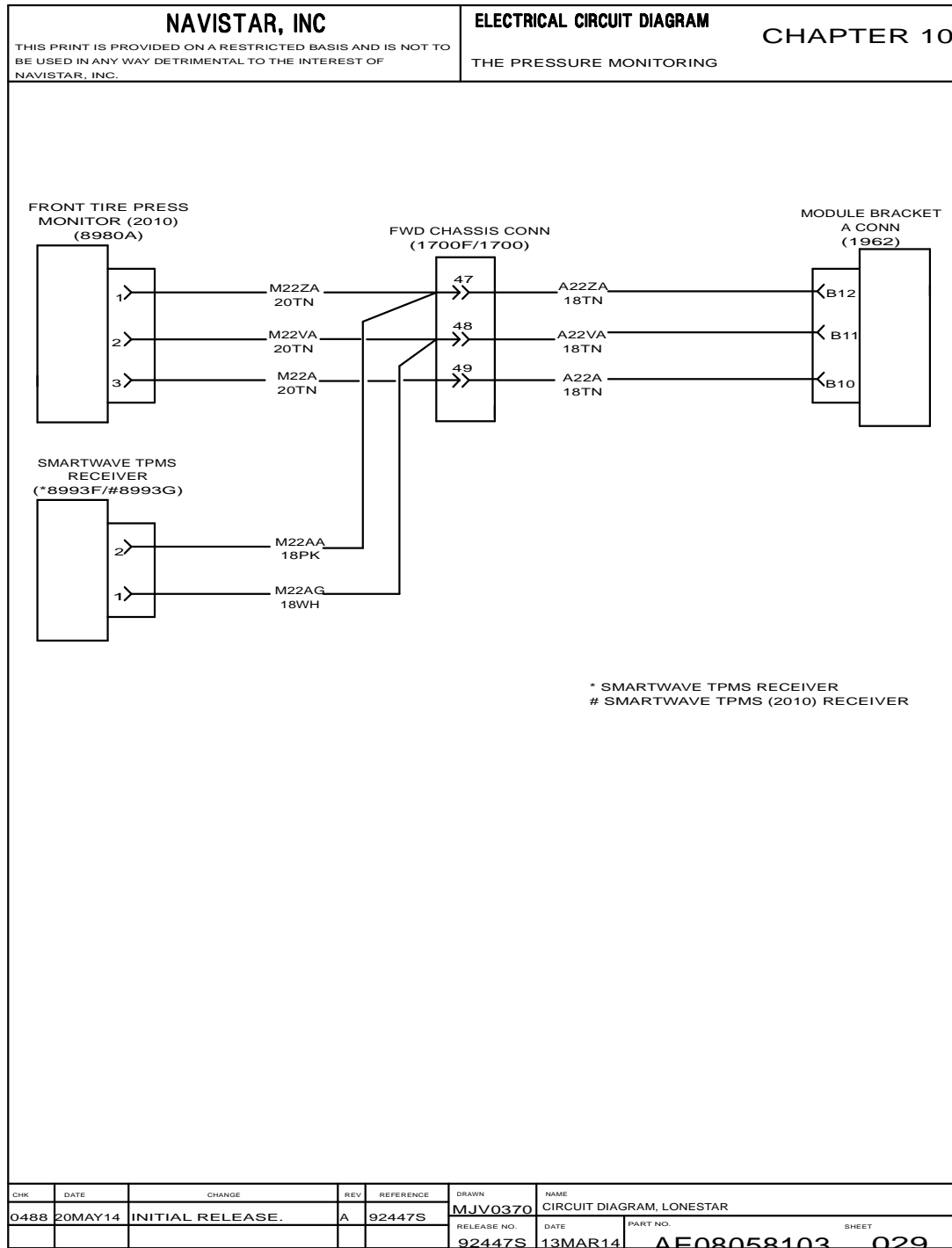


Figure 361 THE Pressure Monitoring

10.41. AUXILIARY TRAILER SOCKET, P. 30

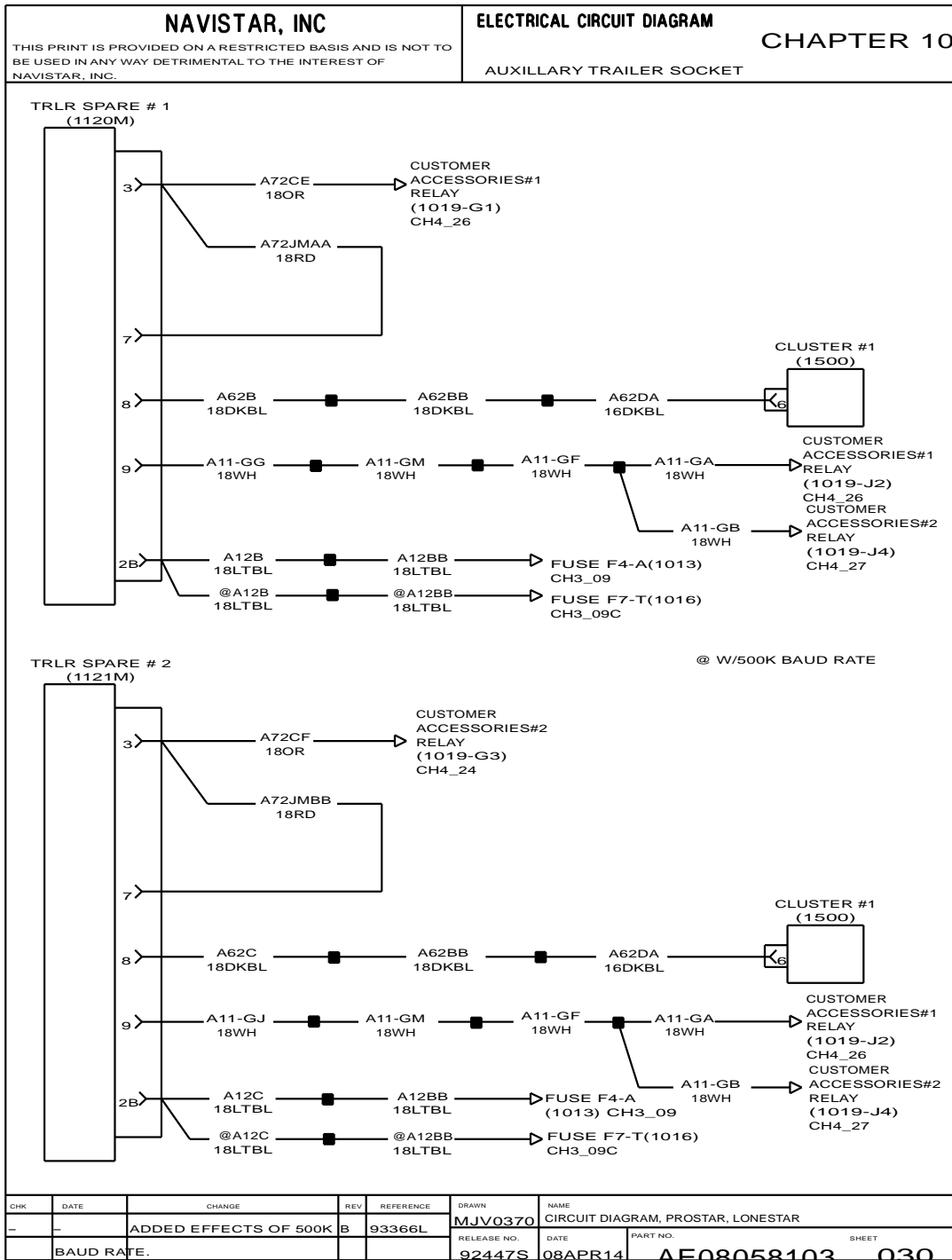


Figure 362 Auxiliary Trailer Socket



10.42. AUXILIARY TRAILER SOCKET (CONT.), P. 31

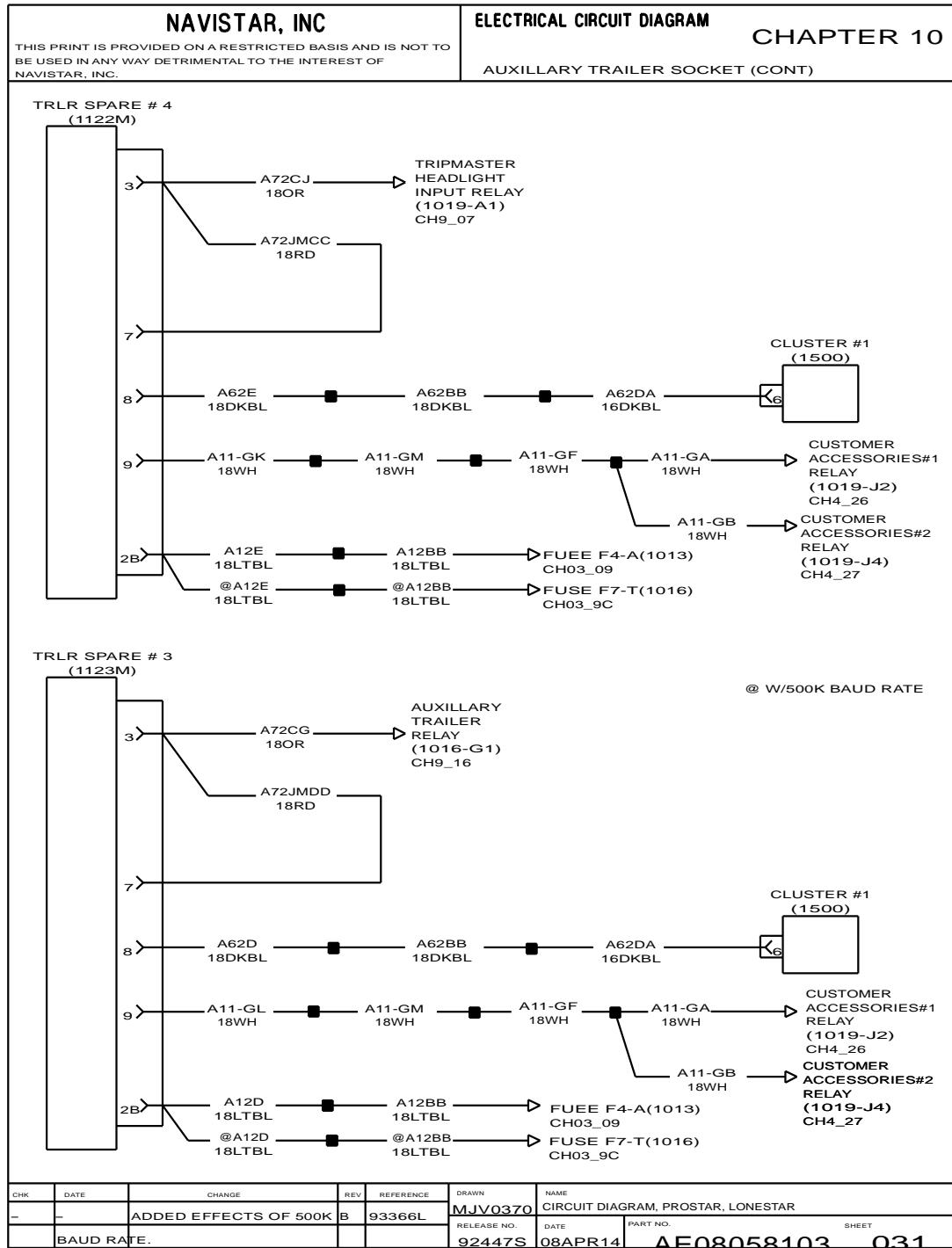


Figure 363 Auxiliary Trailer Socket (Cont.)

# TRANSMISSION CONTROL MODULE (CHAPTER 11)

## 11.1. EATON AUTOSHIFT AND ULTRASHIFT TRANSMISSION, P. 1

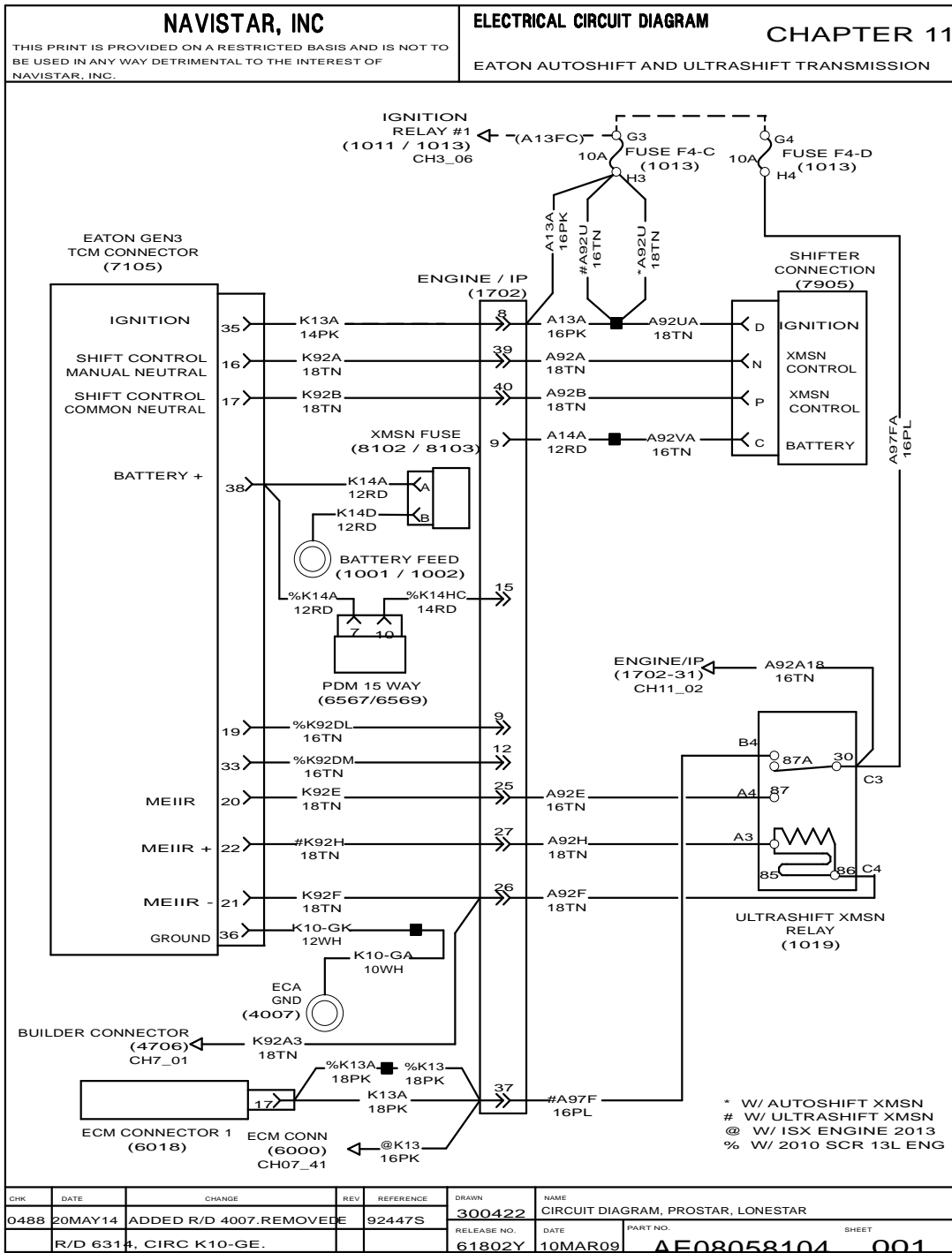


Figure 364 Eaton Autoshift and Ultrashift Transmission

11.2. EURO IV EATON ULTRASHIFT TRANSMISSION, P. 1A

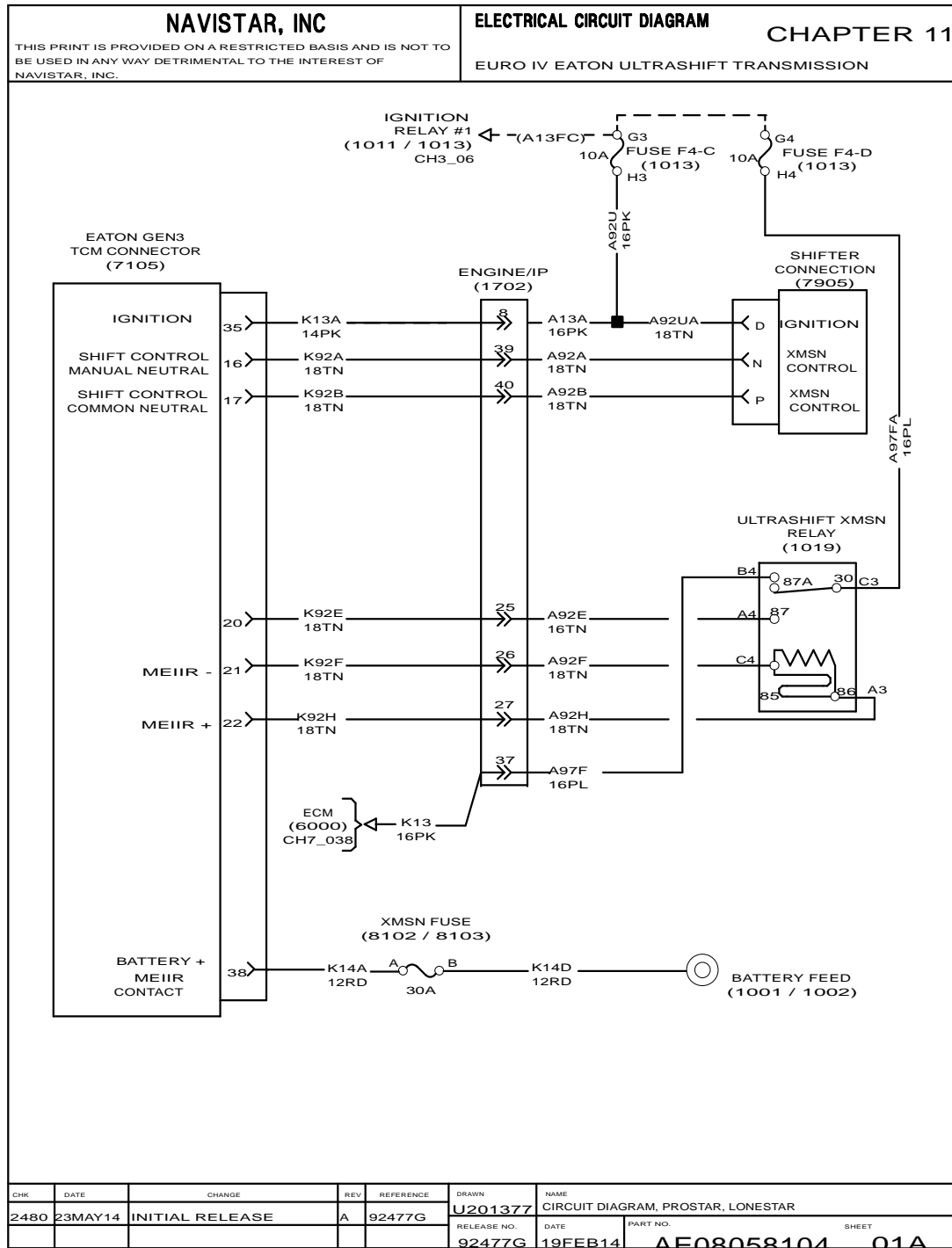


Figure 365 Euro IV Eaton Ultrashift Transmission

11.3. ULTRASHIFT AND EATON AUTOSHIFT TRANSMISSION, P. 1B

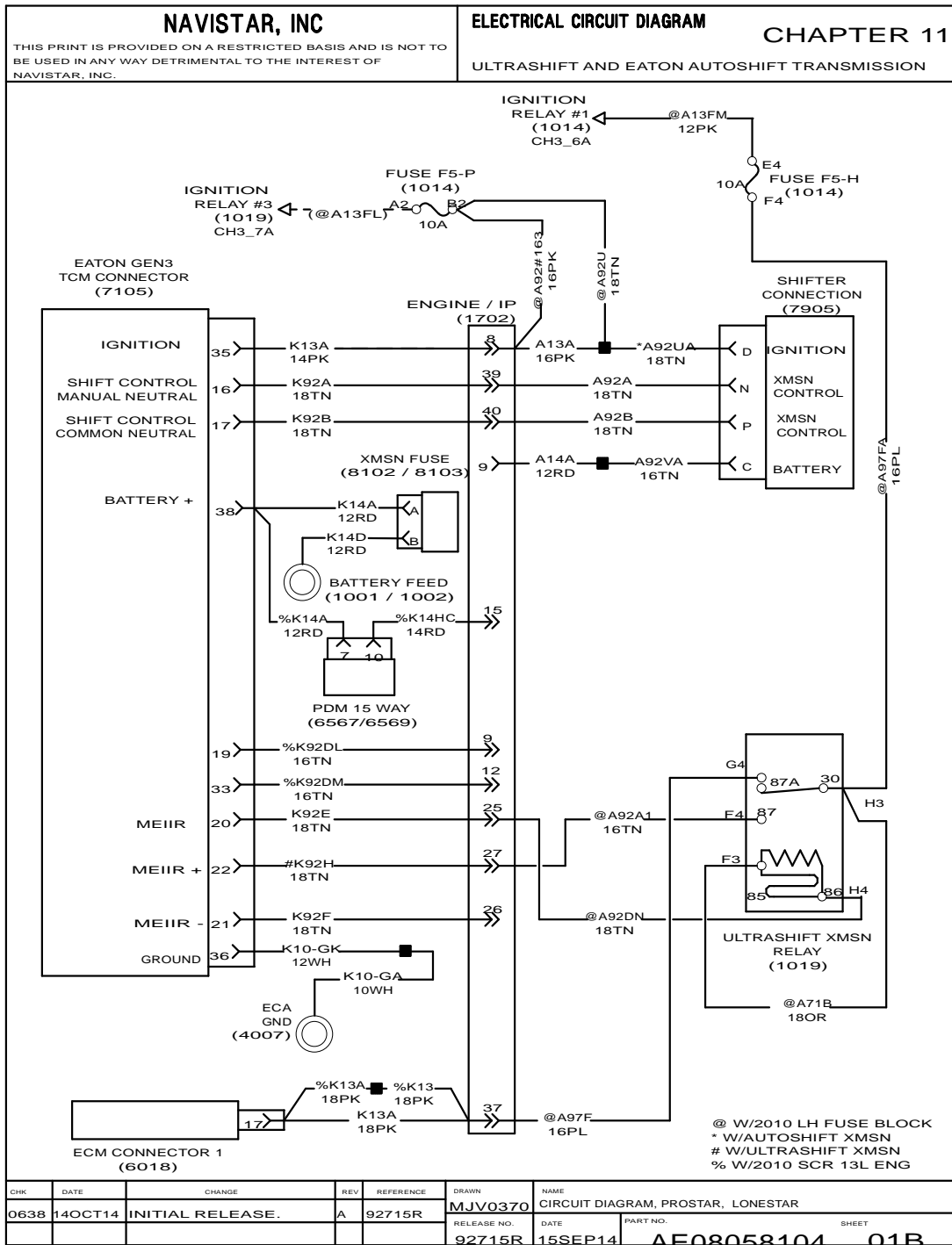


Figure 366 Ultrashift and Eaton Autoshift Transmission

11.4. EATON ULTRASHIFT WITH EURO IV, P. 1C

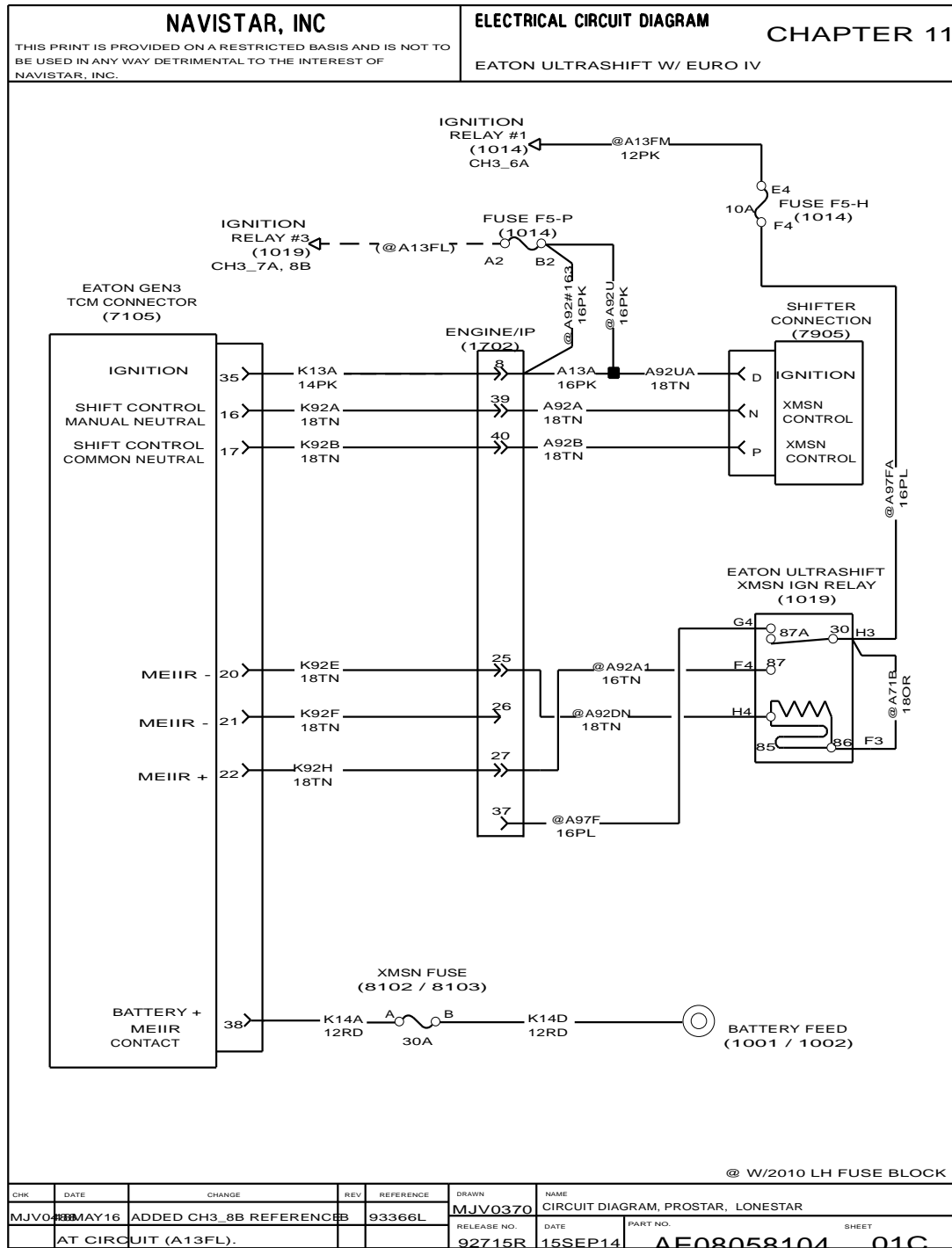


Figure 367 Eaton Ultrashift with Euro IV

11.5. EATON AUTOSHIFT AND ULTRASHIFT TRANSMISSION (CONT.), P. 2

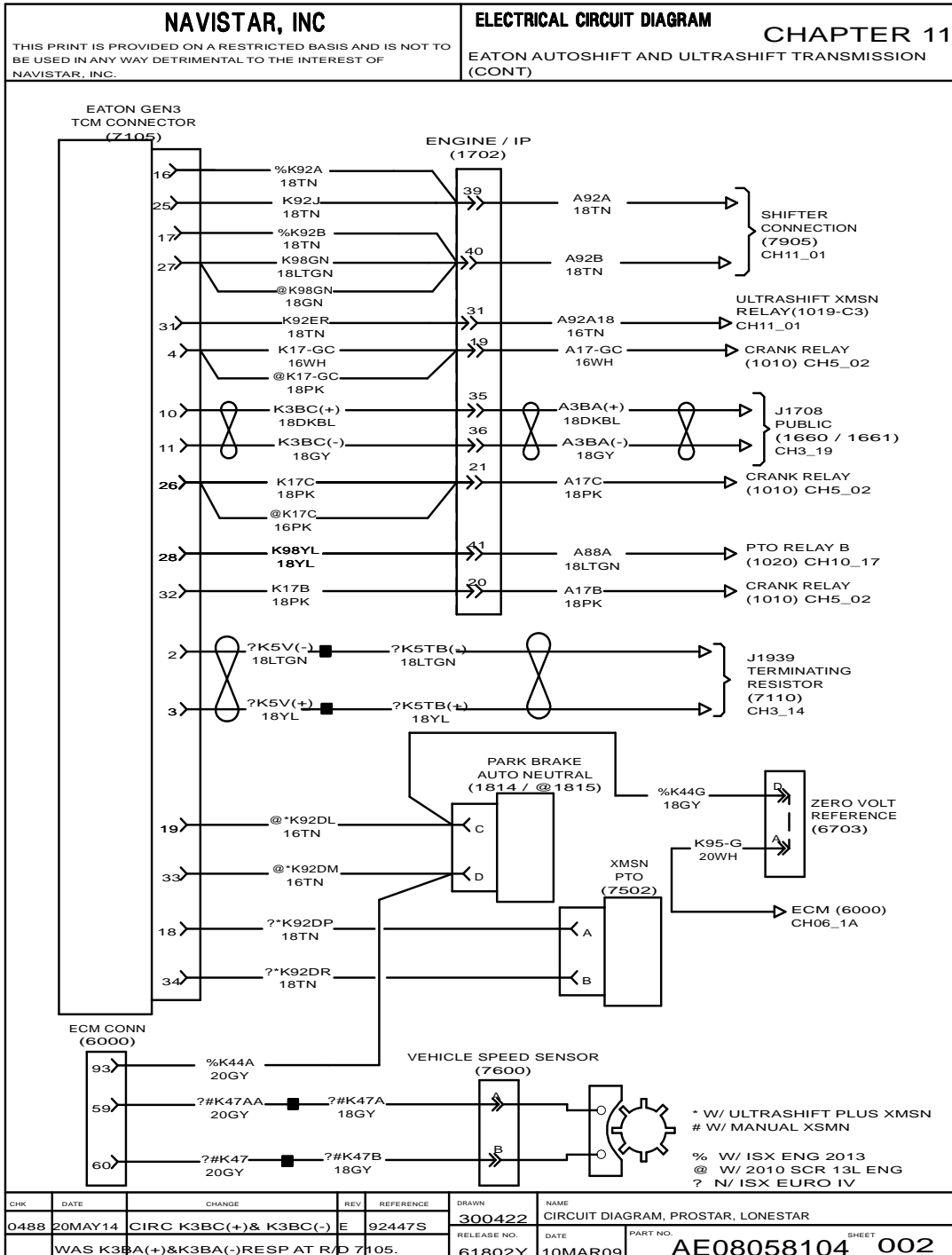


Figure 368 Eaton Autoshift and Ultrashift Transmission (Cont.)

11.6. COLUMN SHIFTER, P. 3

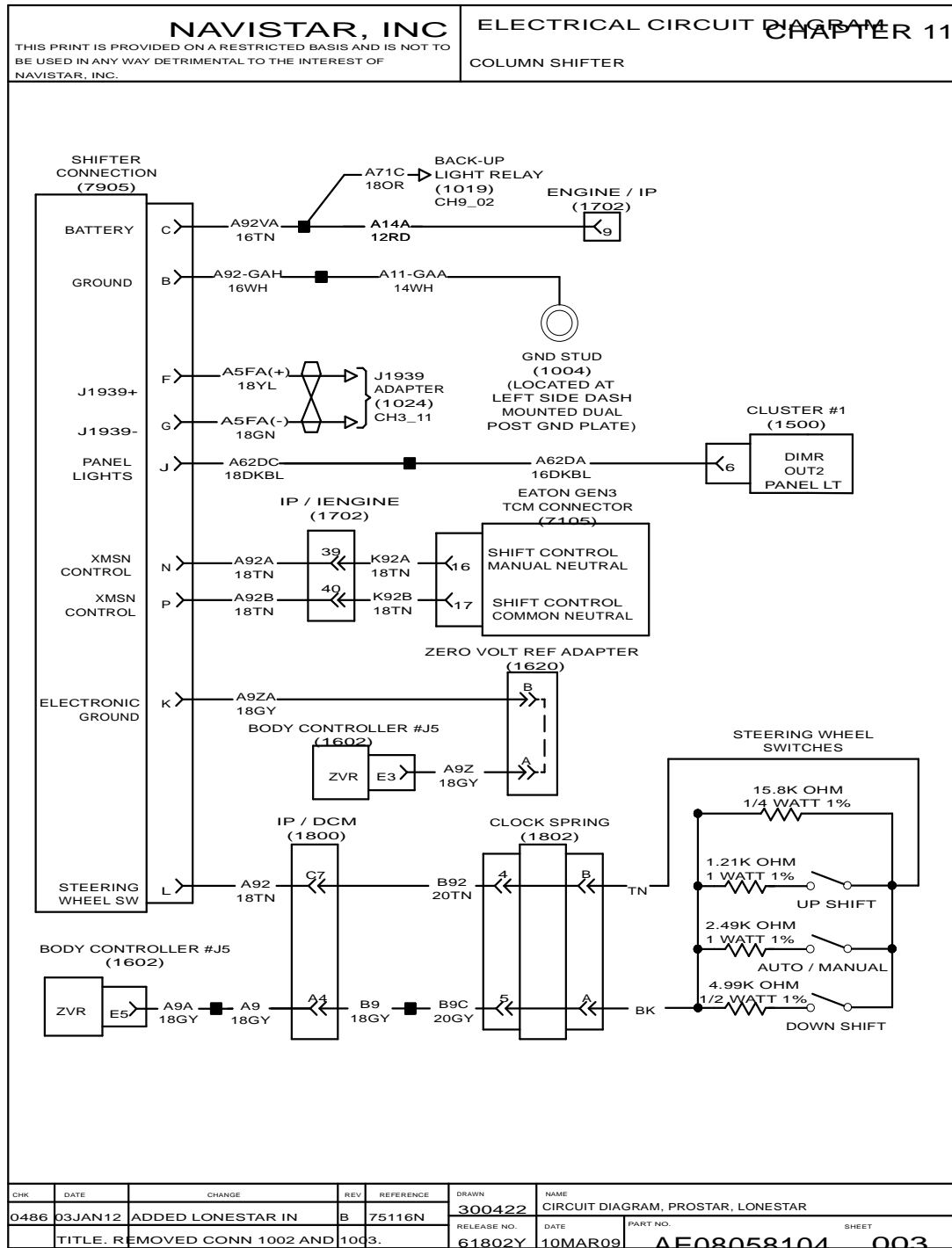


Figure 369 Column Shifter

11.7. COLUMN SHIFTER (CONT.), P. 3A

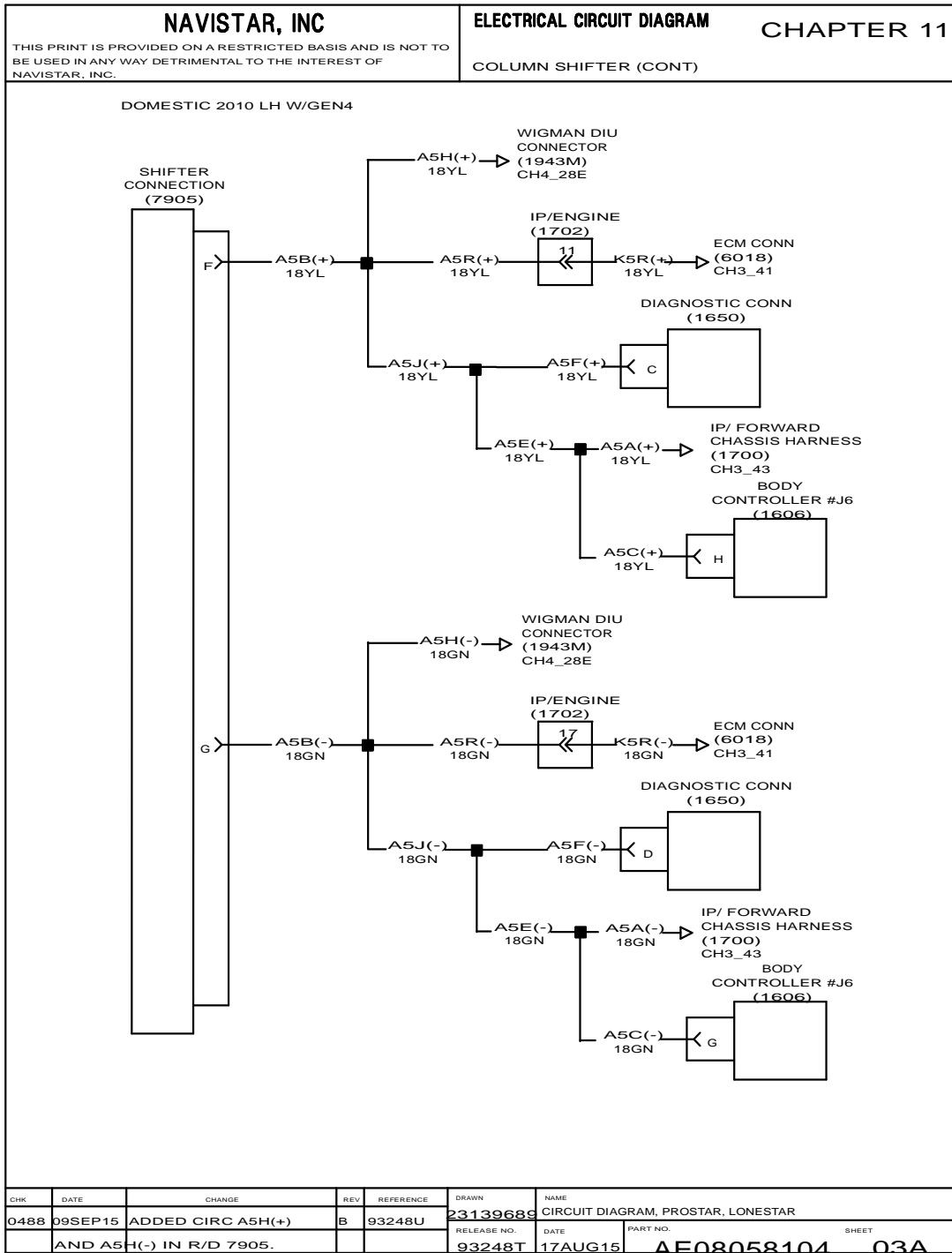


Figure 370 Column Shifter (Cont.)



11.8. ULTRASHIFT TRANSMISSION ECA POWER FOR ISX 2013 AND ISX EURO IV, P. 4

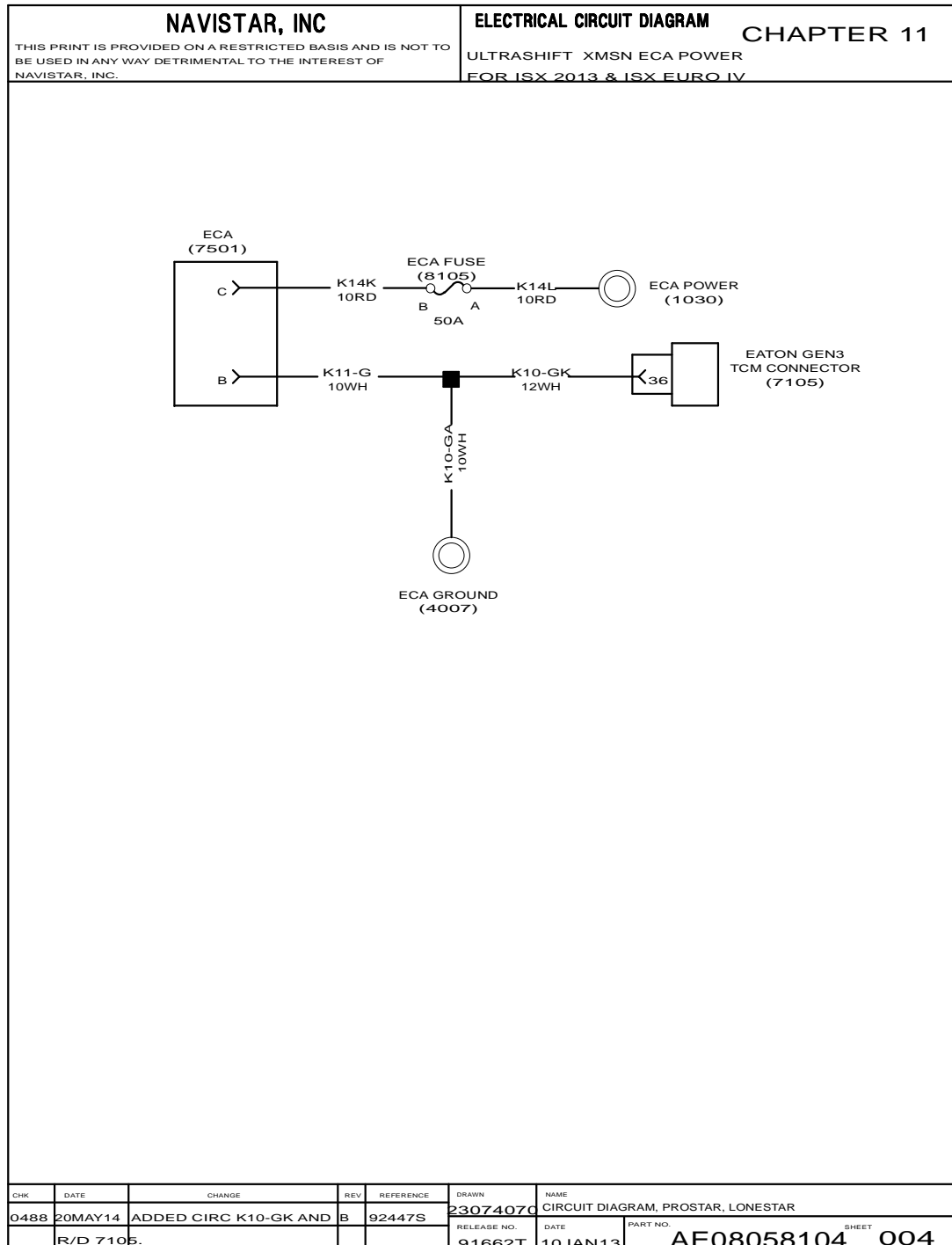


Figure 371 Ultrashift Transmission ECA Power for ISX 2013 and ISX Euro IV

11.9. ALLISON TRANSMISSION (2010 SCR 13L ENG), P. 5

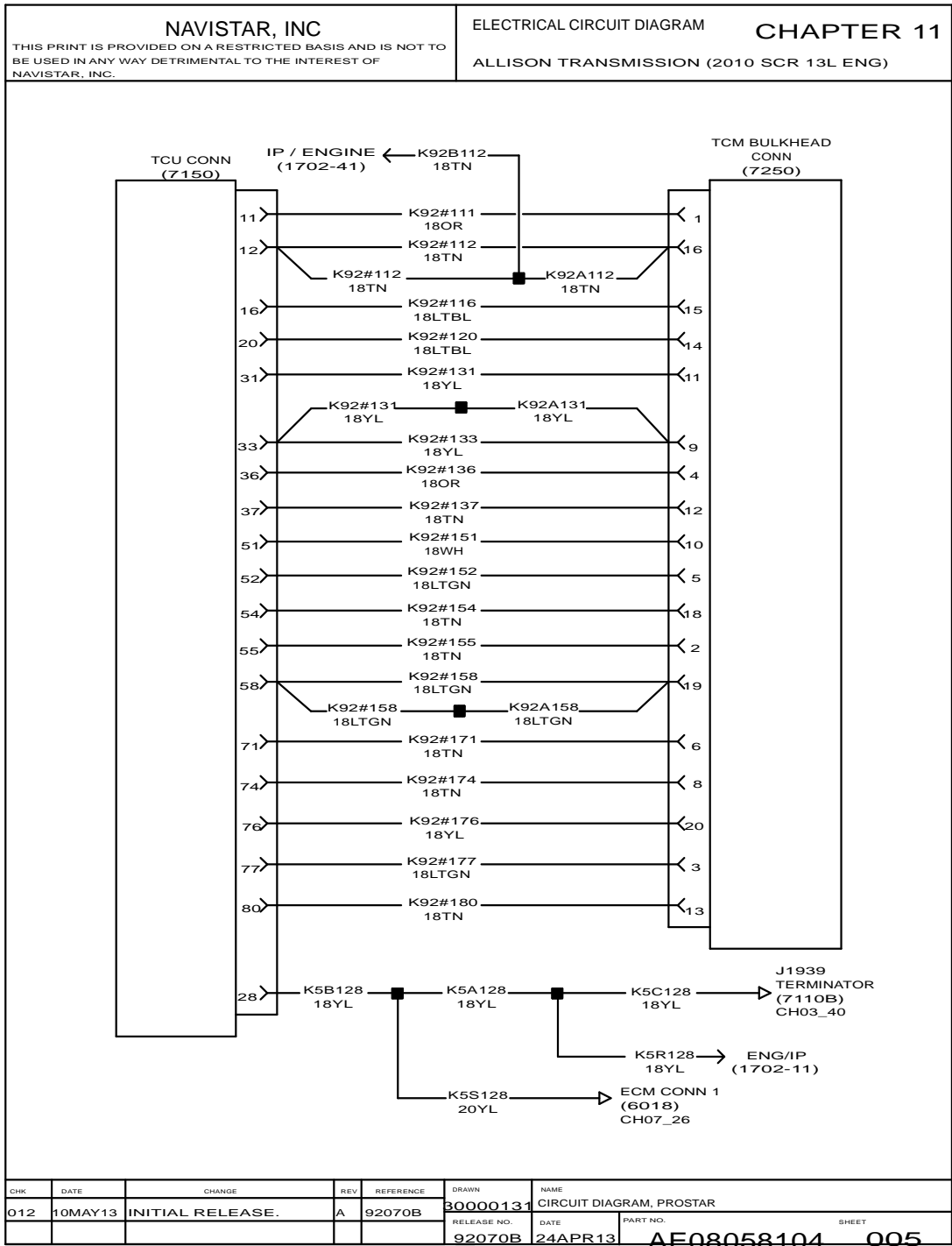


Figure 372 Allison Transmission (2010 SCR 13L Eng)

11.10. ALLISON TRANSMISSION (2010 SCR 13L ENG) (CONT.), P. 6

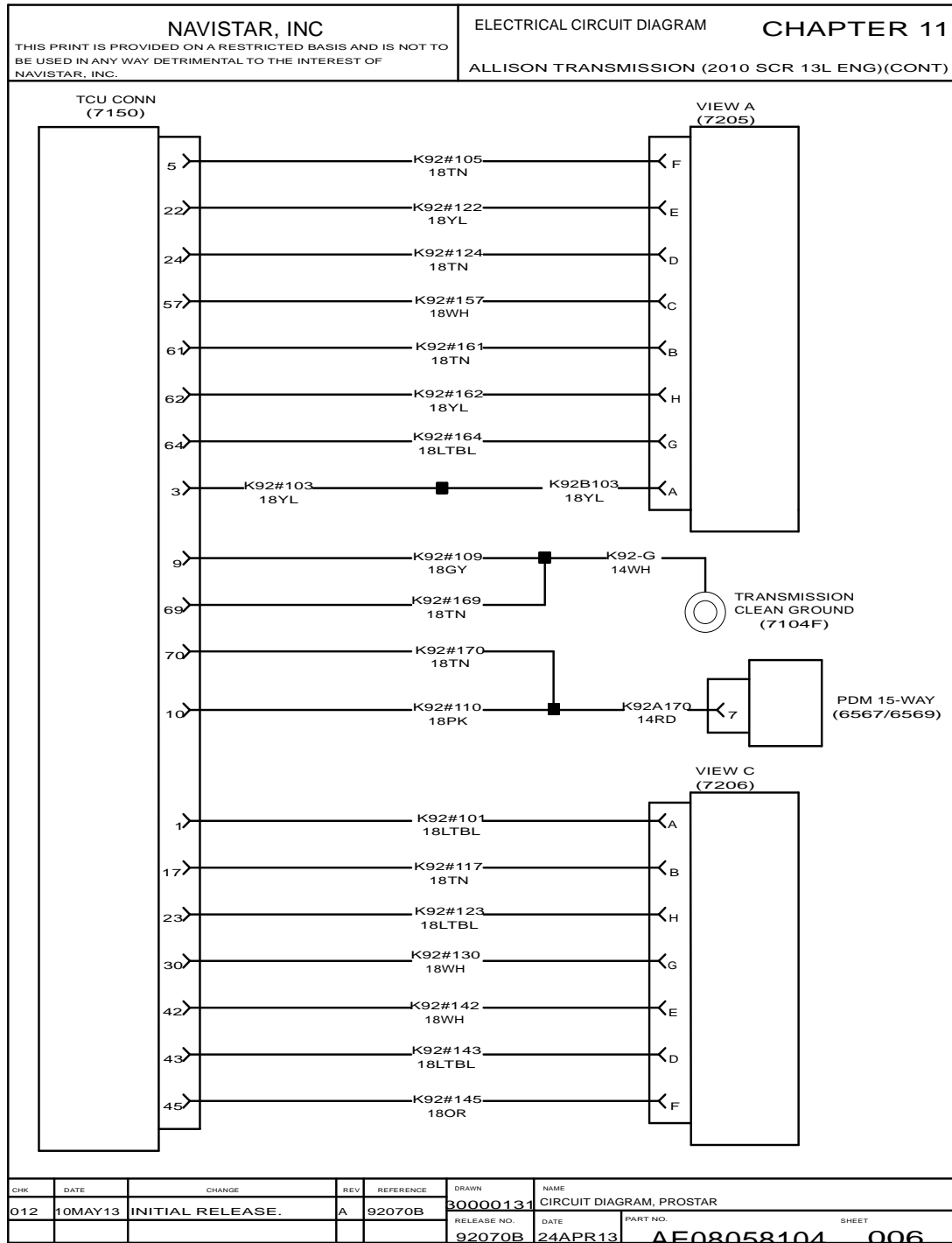


Figure 373 Allison Transmission (2010 SCR 13L Eng) (Cont.)

11.11. ALLISON TRANSMISSION (2010 SCR 13L ENG) (CONT.), P. 7

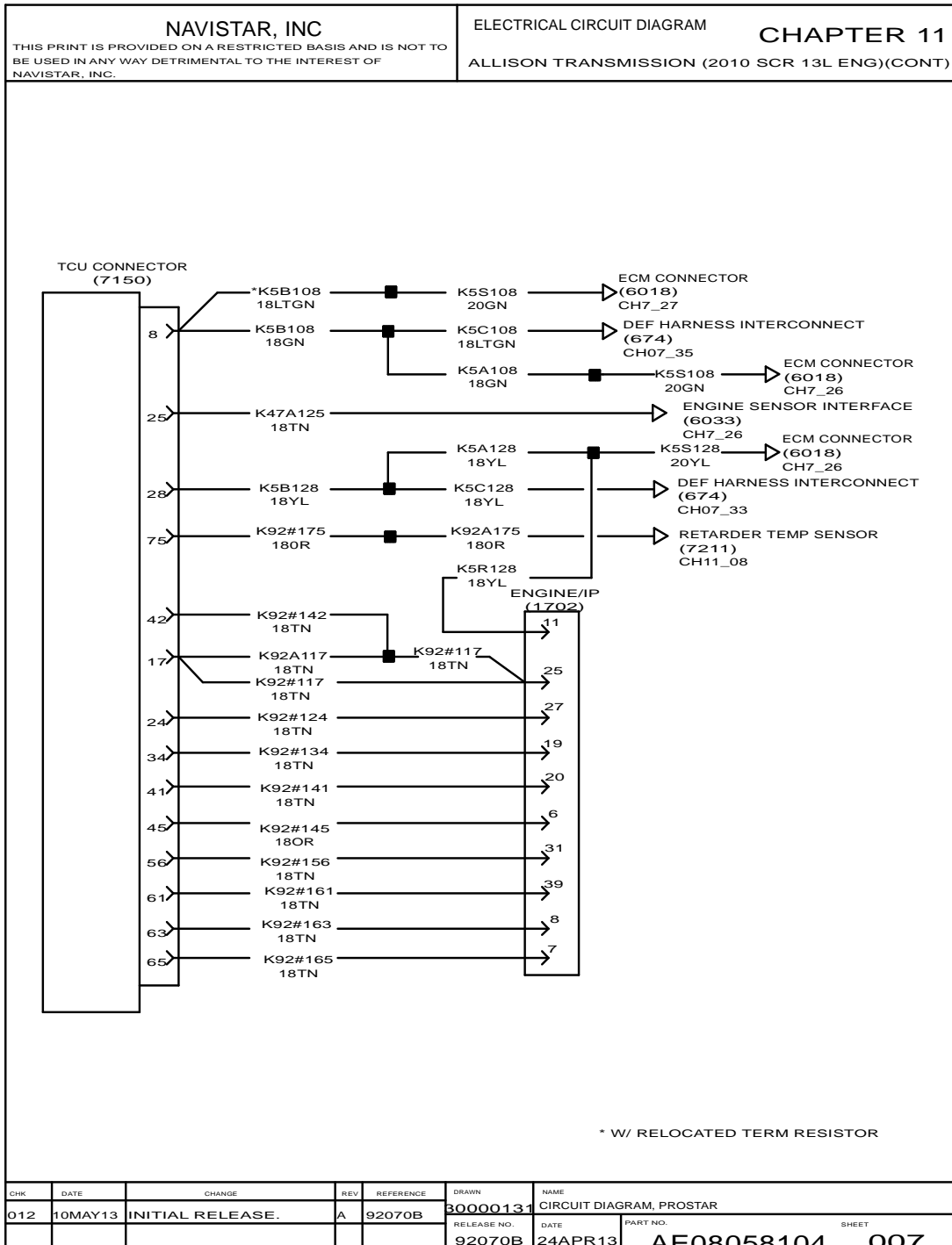


Figure 374 Allison Transmission (2010 SCR 13L Eng) (Cont.)

11.12. ALLISON TRANSMISSION (2010 SCR 13L ENG) (CONT.), P. 8

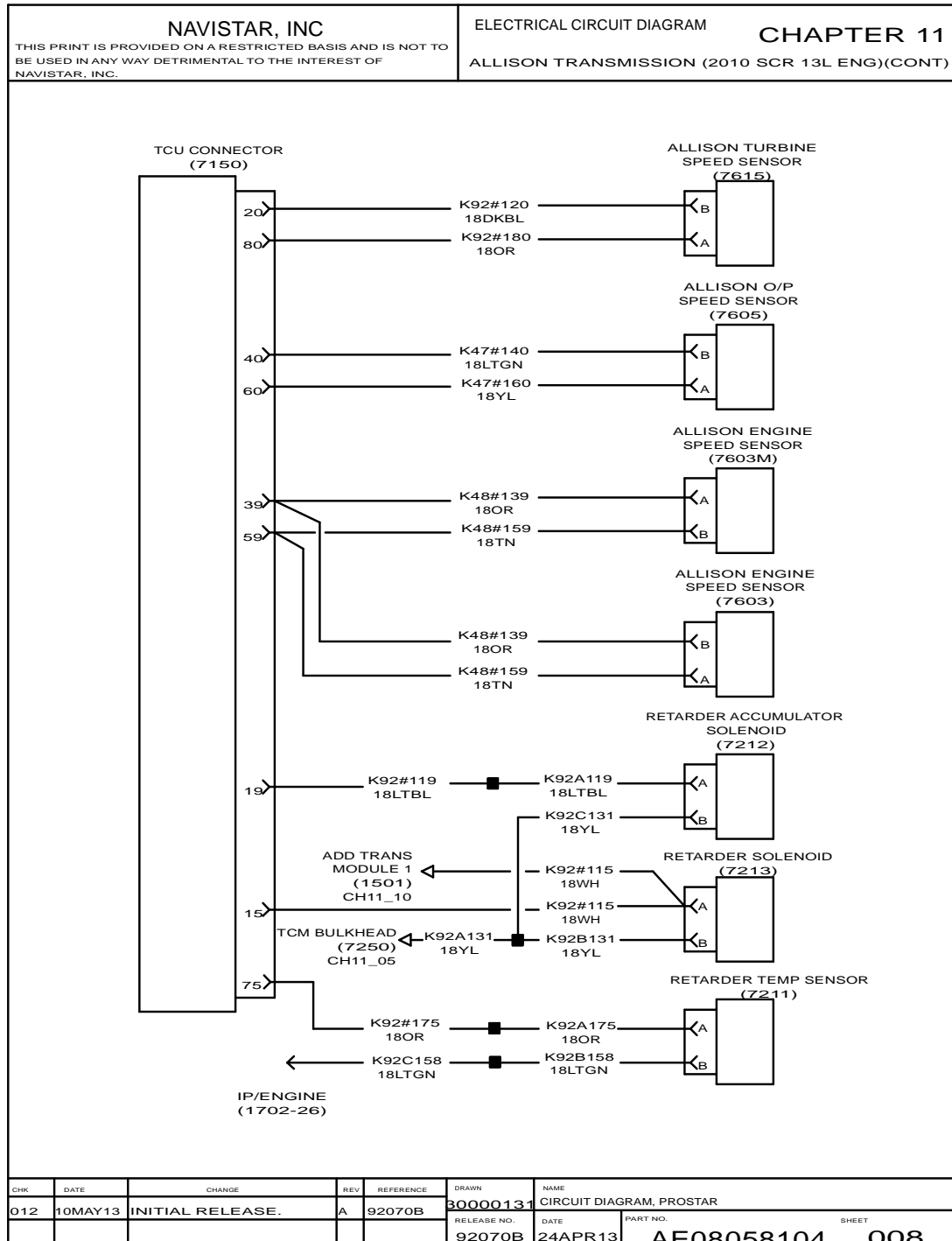


Figure 375 Allison Transmission (2010 SCR 13L Eng) (Cont.)

11.13. ALLISON TRANSMISSION (2010 SCR 13L ENG) (CONT.), P. 9

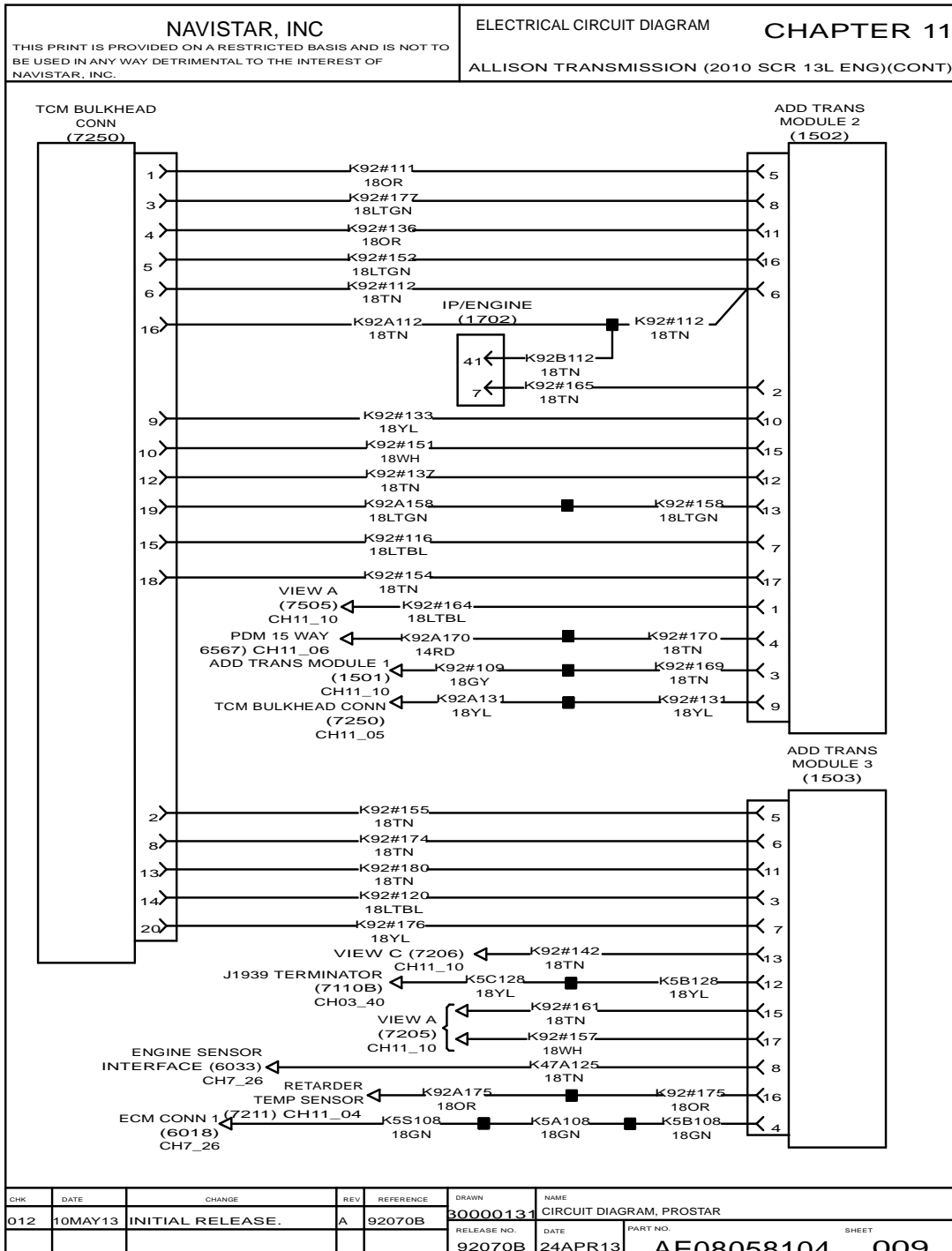


Figure 376 Allison Transmission (2010 SCR 13L Eng) (Cont.)

11.14. ALLISON TRANSMISSION (2010 SCR 13L ENG) (CONT.), P. 10

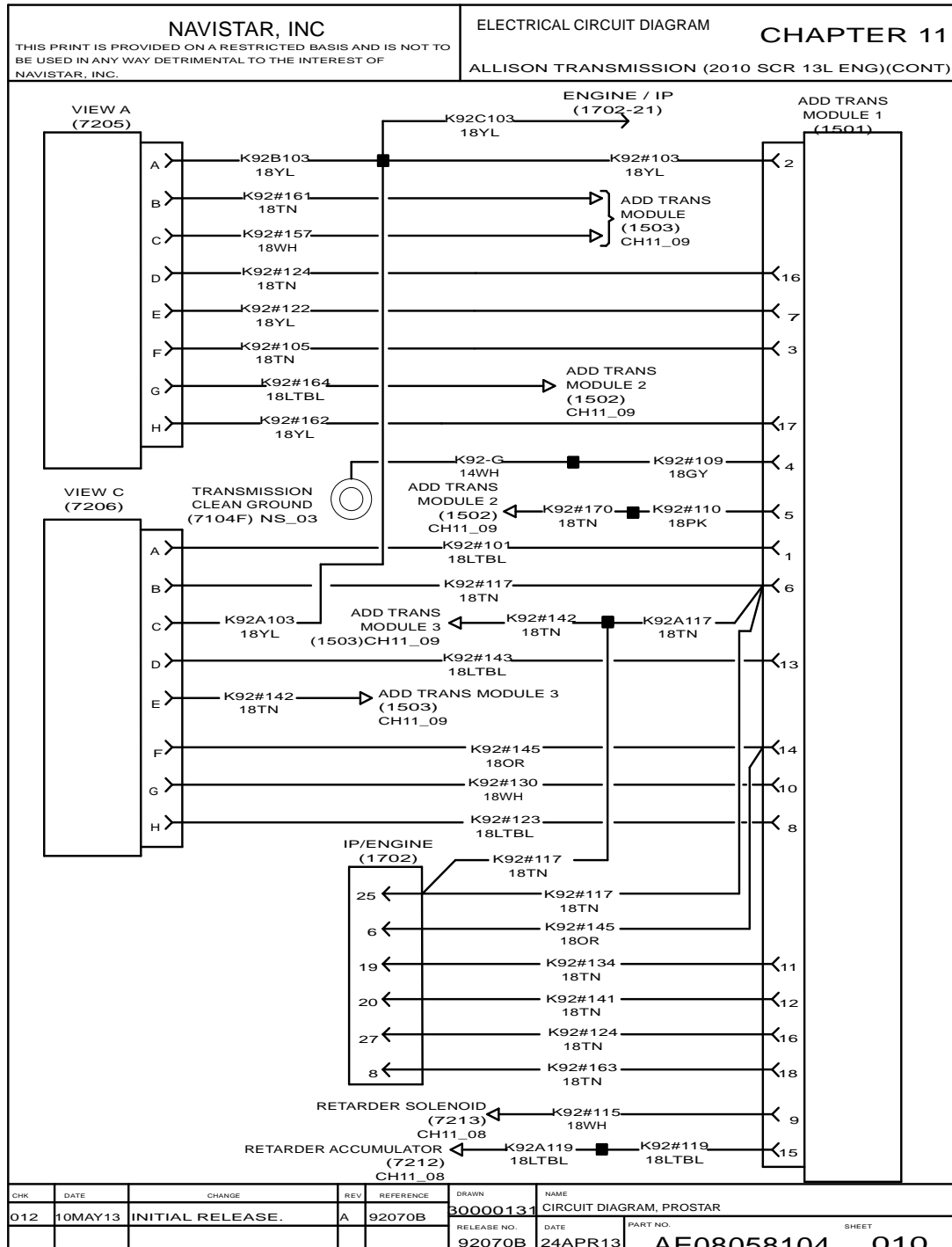


Figure 377 Allison Transmission (2010 SCR 13L Eng) (Cont.)

11.15. ALLISON TRANSMISSION (2010 SCR 13L ENG) (CONT.), P. 11

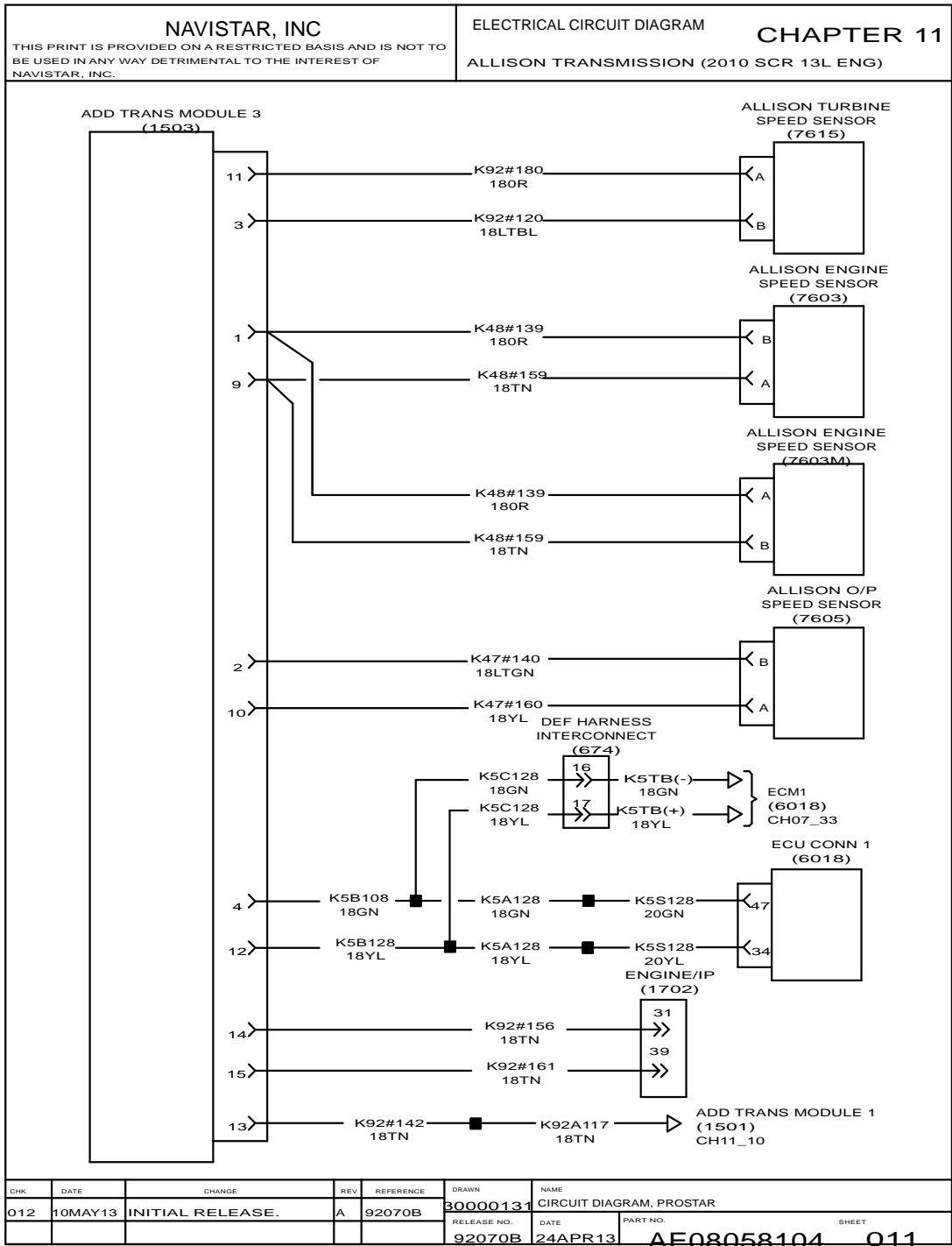


Figure 378 Allison Transmission (2010 SCR 13L Eng) (Cont.)



11.16. ALLISON TC10 TRANSMISSION, P. 12

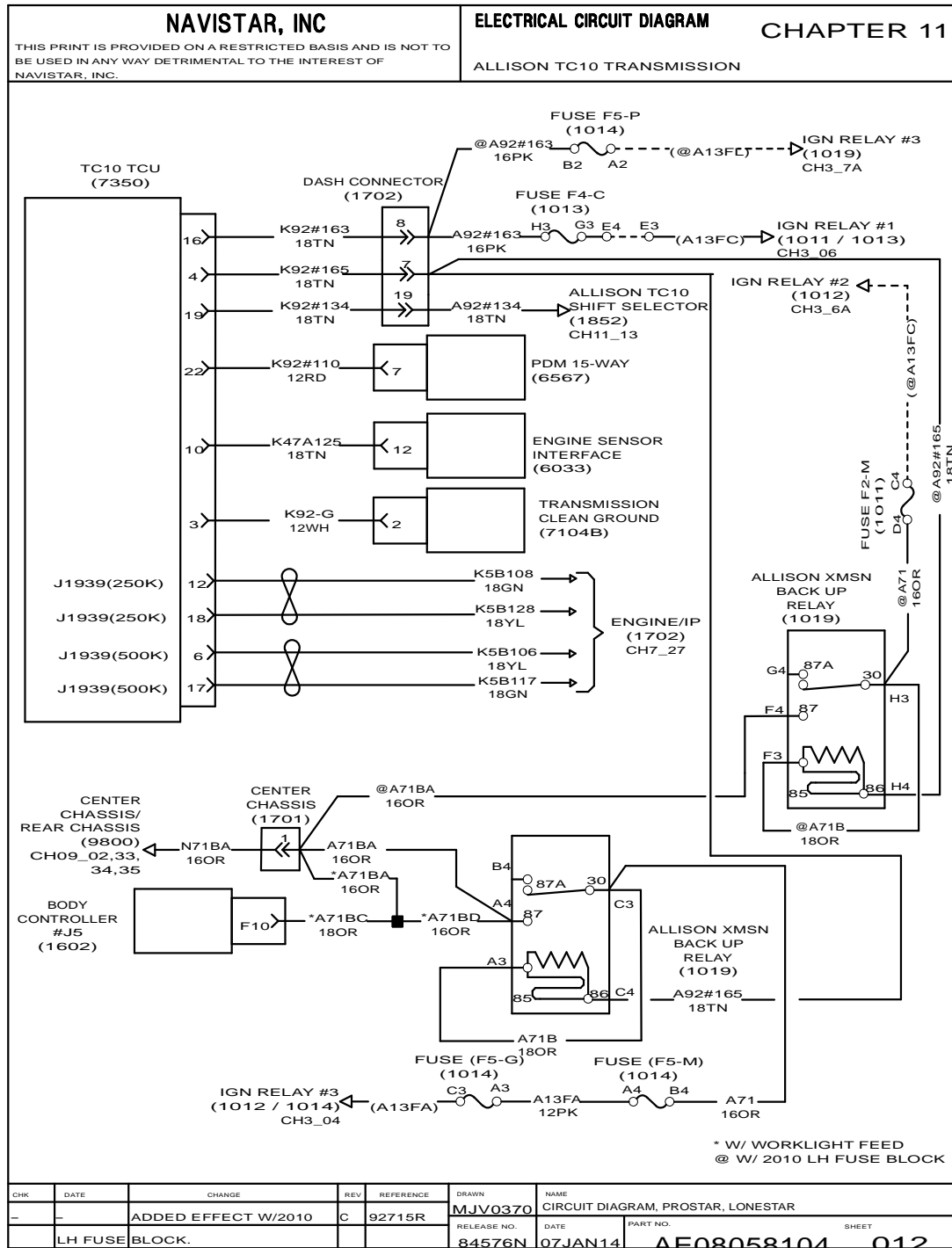


Figure 379 Allison TC10 Transmission

11.17. ALLISON TC10 TRANSMISSION (CONT.), P. 13

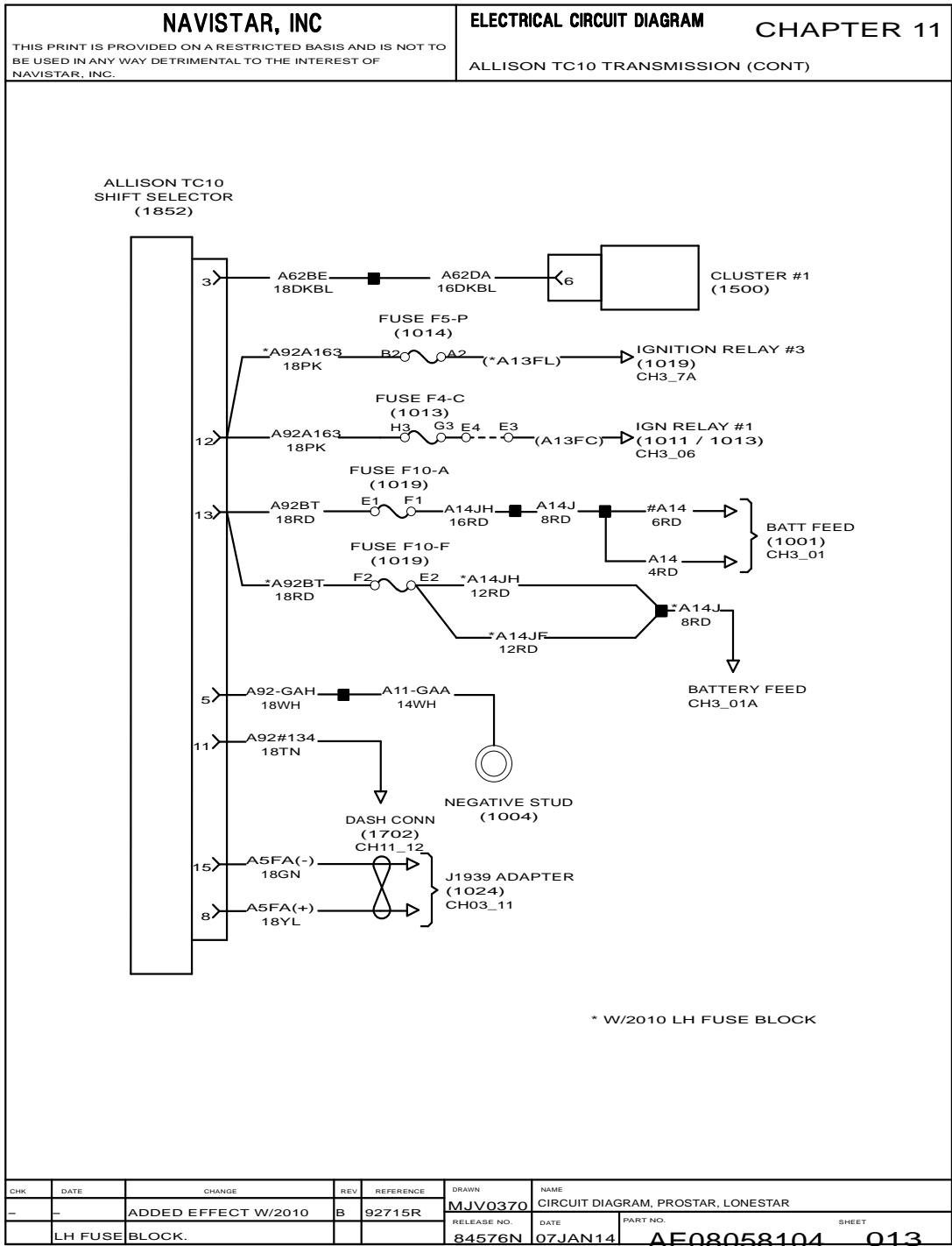


Figure 380 Allison TC10 Transmission (Cont.)

11.18. ALLISON TC10 TRANSMISSION (CONT.), P. 13A

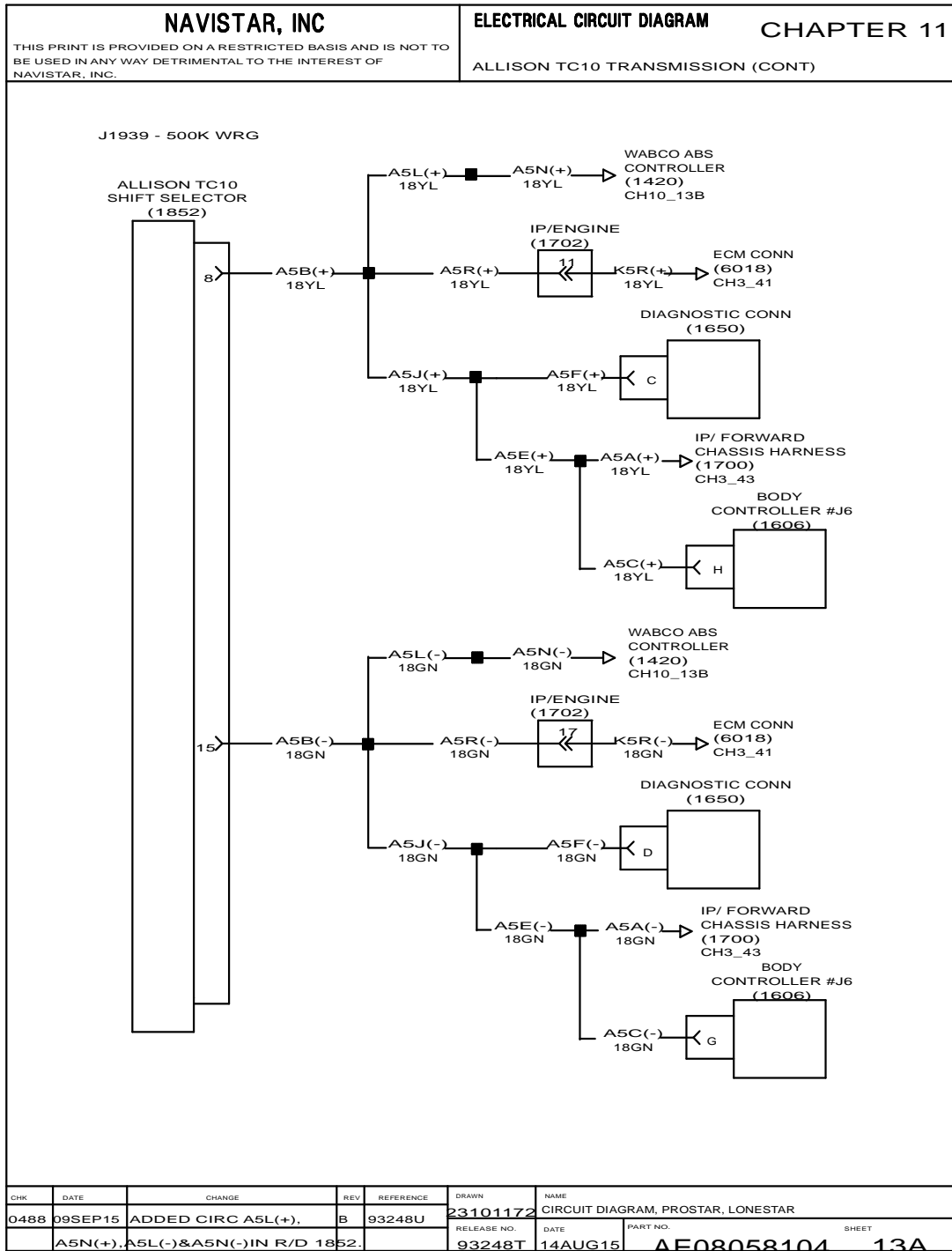


Figure 381 Allison TC10 Transmission (Cont.)

# HVAC (CHAPTER 12)

## 12.1. AIR CONDITIONING, P. 1

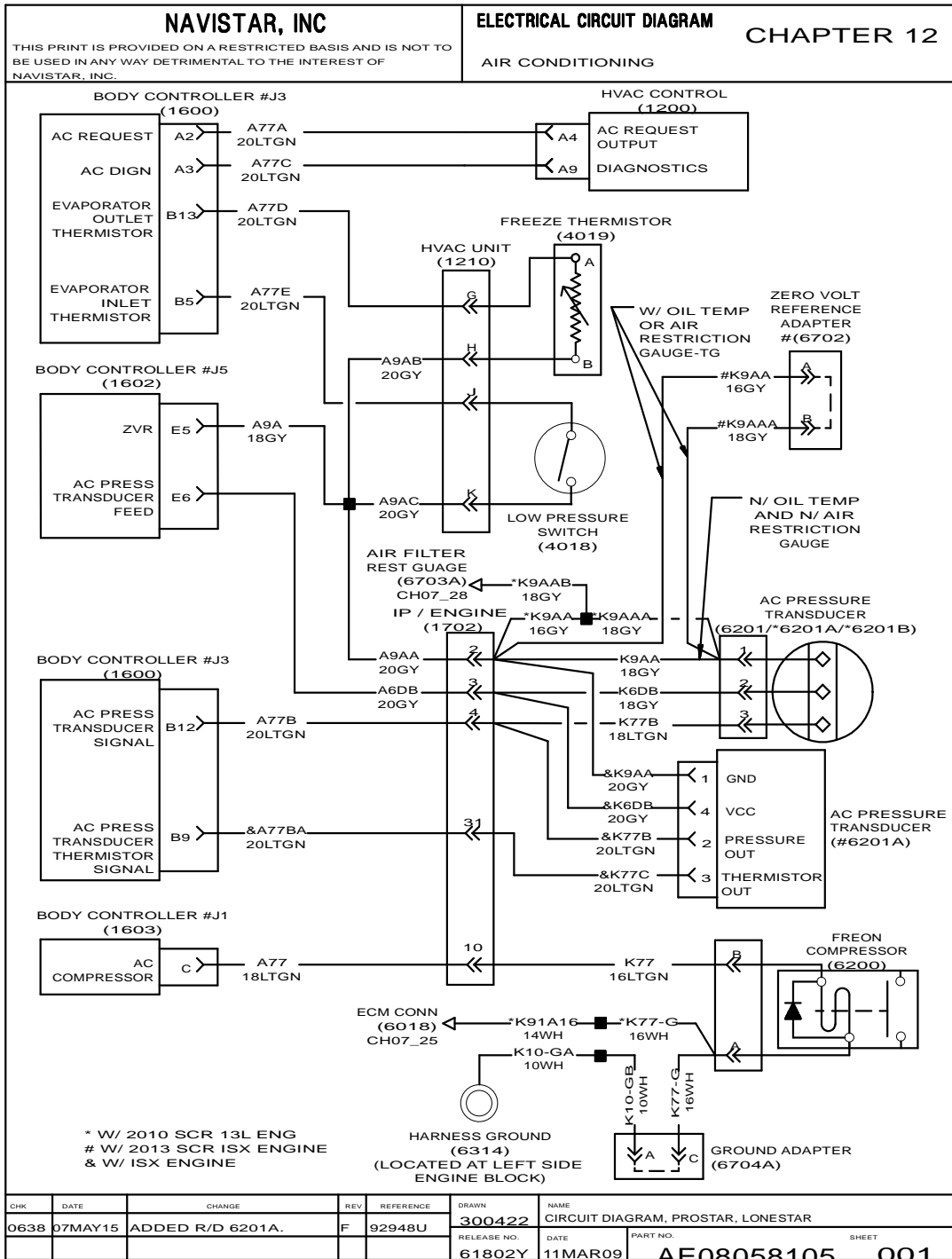


Figure 382 Air Conditioning

12.2. HVAC SYSTEM – CAB, P. 2

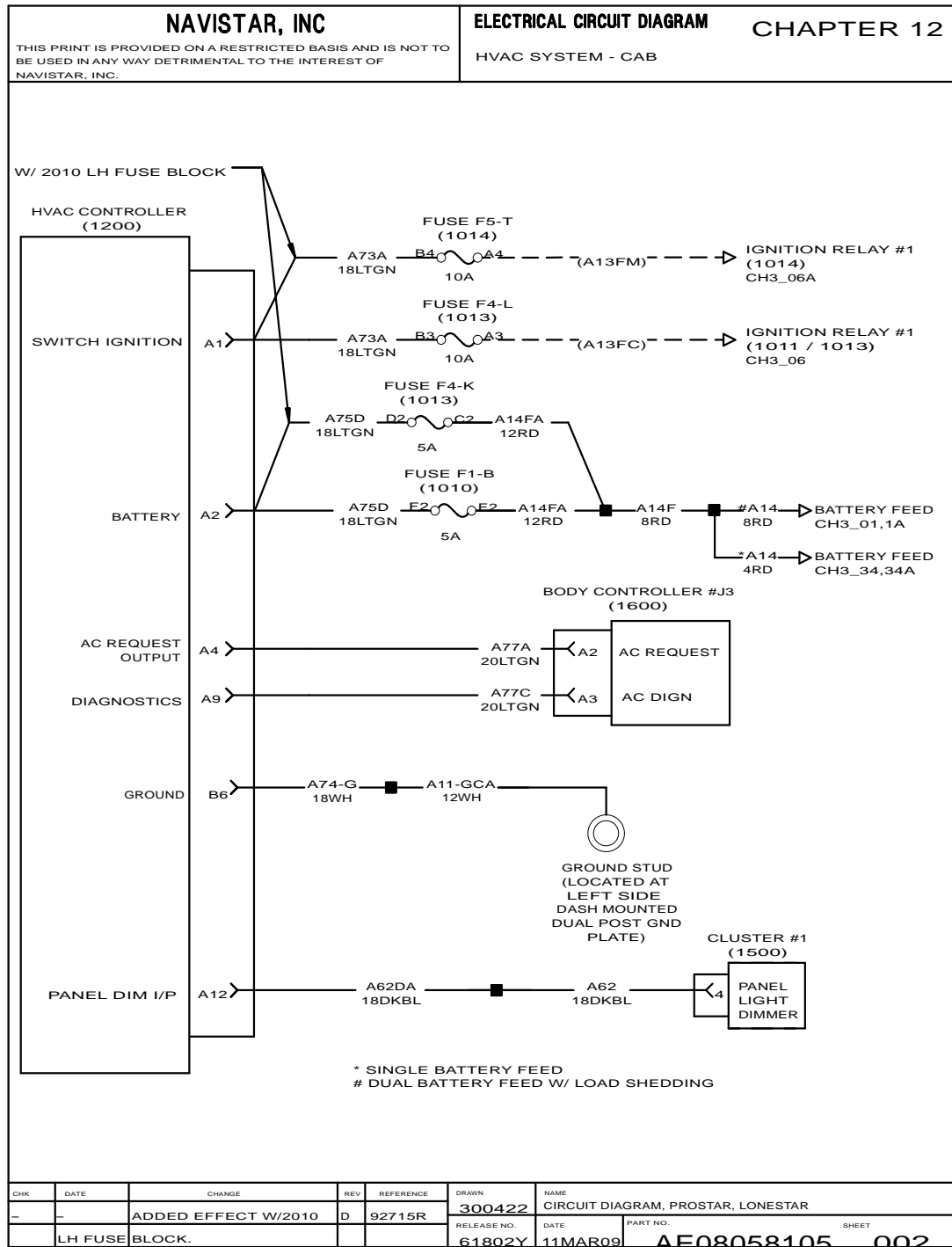


Figure 383 HVAC System – Cab

12.3. HVAC SYSTEM – CAB (CONT.), P. 3

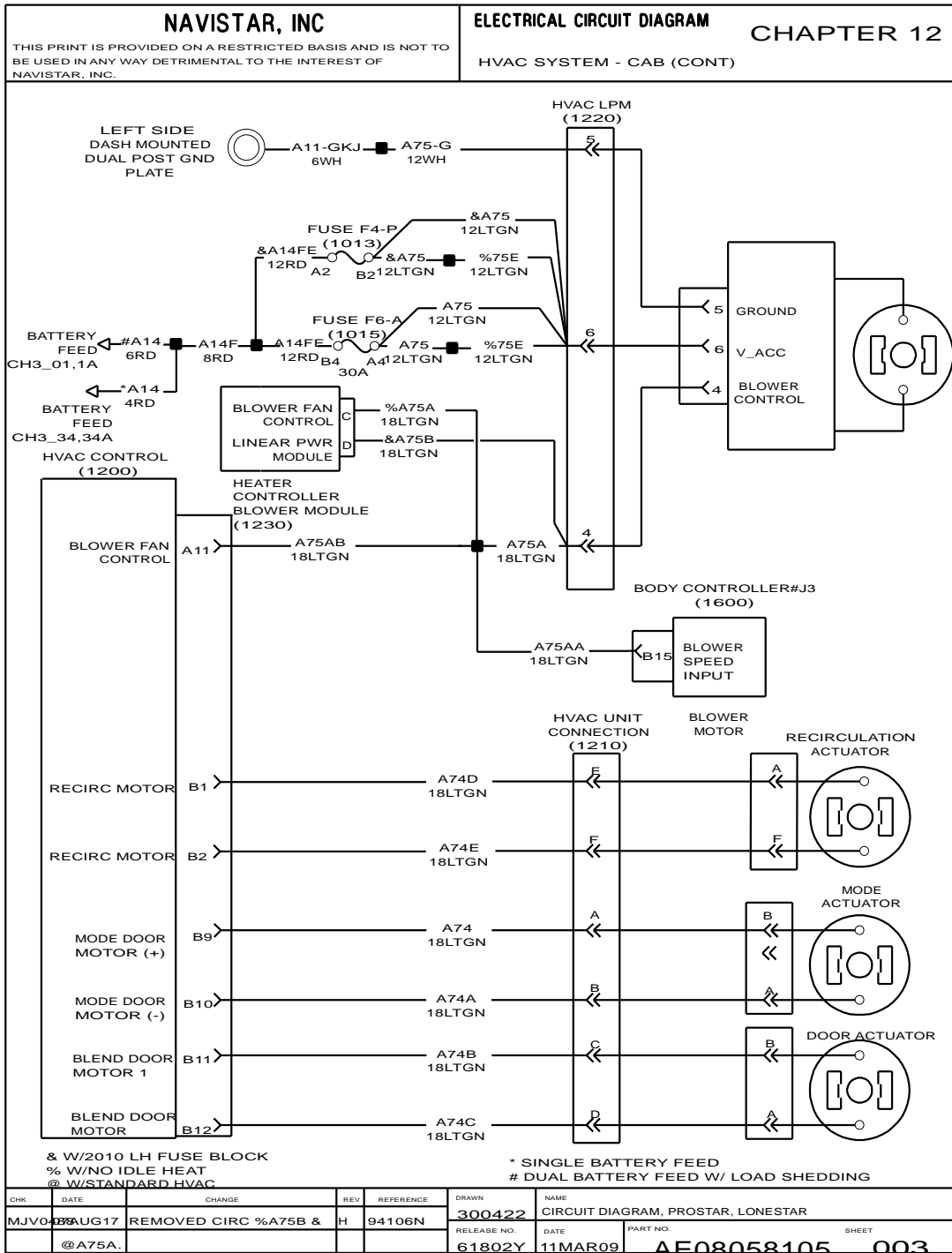
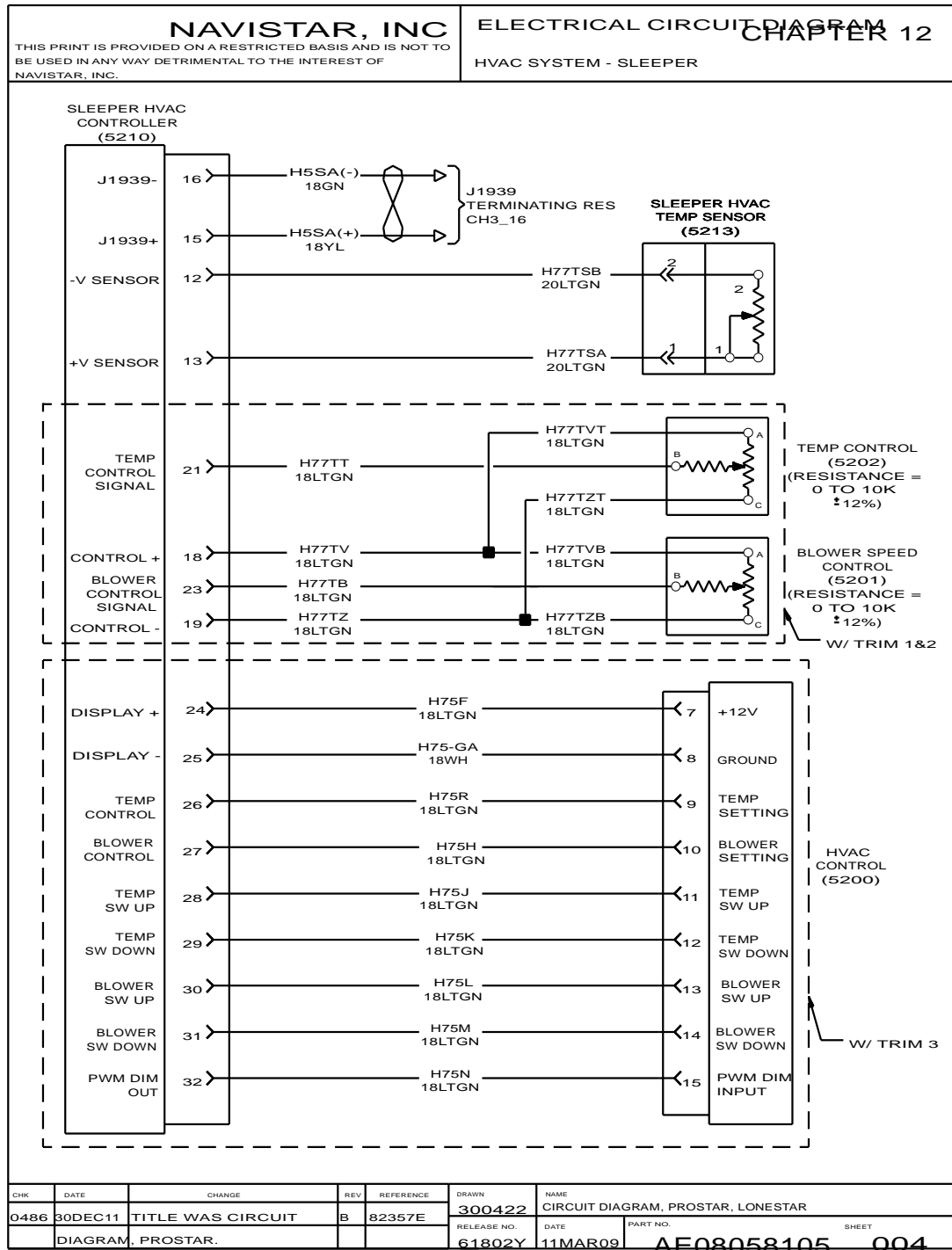


Figure 384 HVAC System – Cab (Cont.)

12.4. HVAC SYSTEM – SLEEPER, P. 4



12.5. HVAC SYSTEM – SLEEPER (CONT.), P. 5

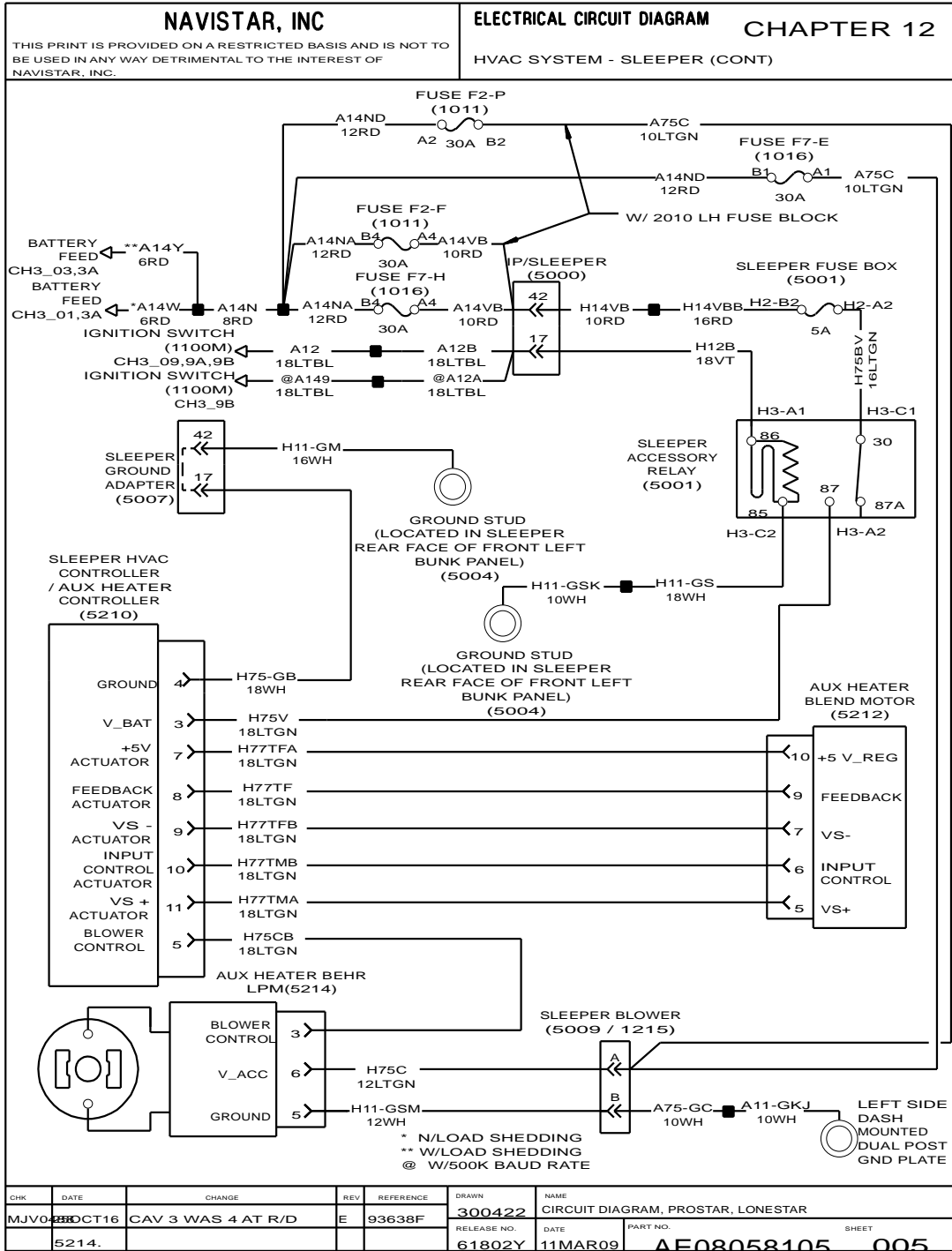


Figure 386 HVAC System – Sleeper (Cont.)



12.6. NO IDLE HEAT AND HVAC – SWITCHES, P. 6

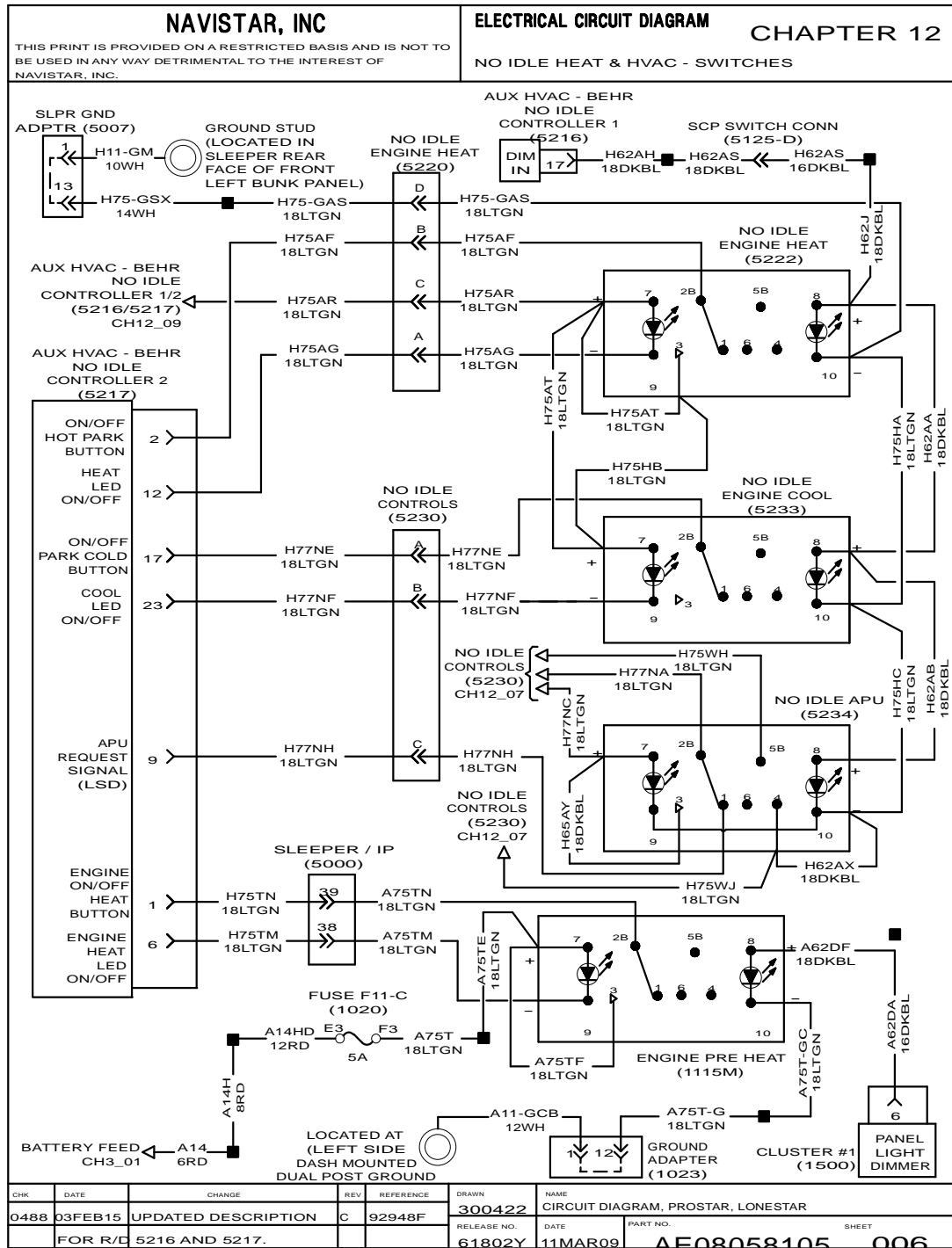


Figure 387 No Idle Heat and HVAC – Switches

12.7. NO IDLE HEAT AND HVAC – APU, P. 7

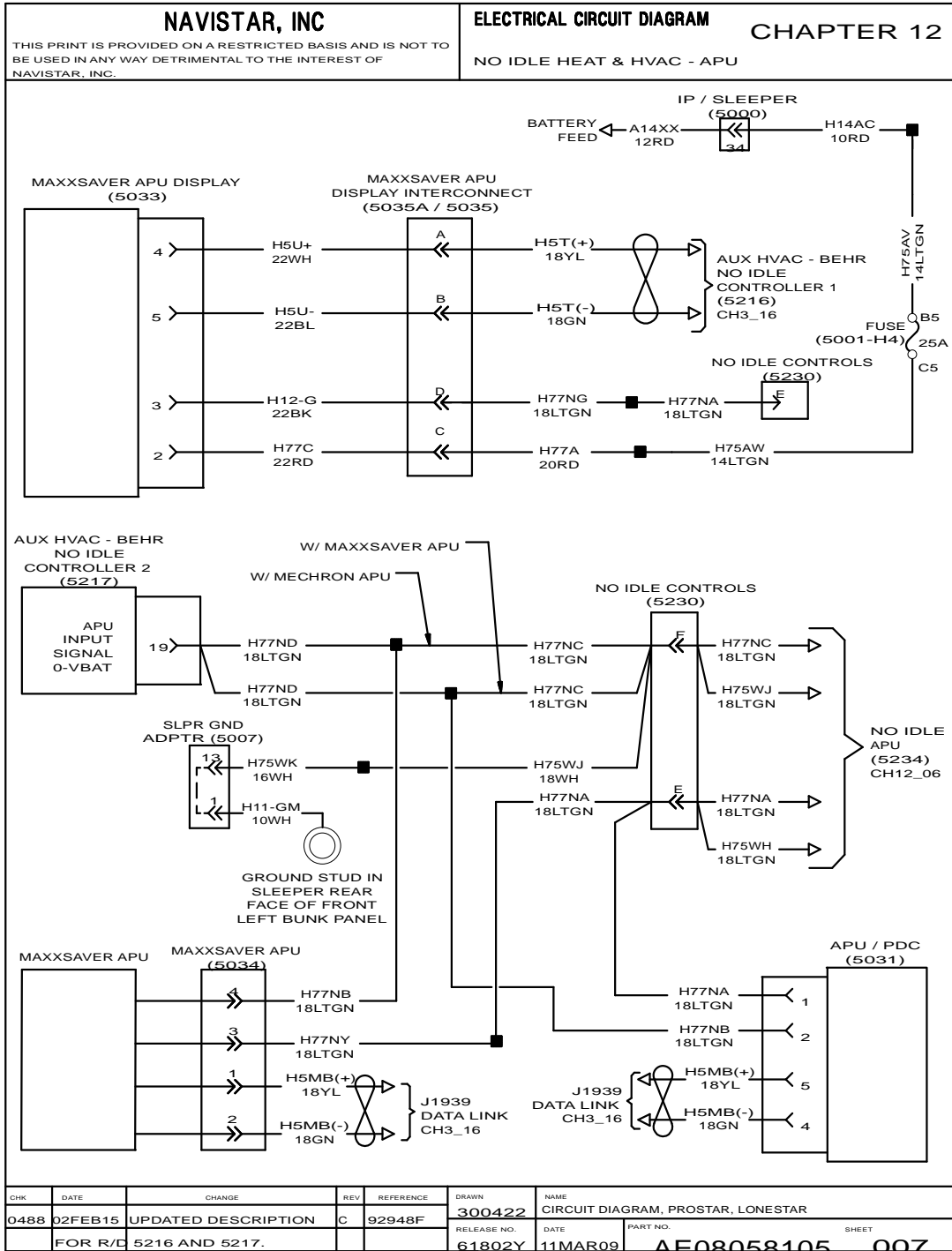


Figure 388 No Idle Heat and HVAC – APU

12.8. NO IDLE HEAT AND HVAC – SENSORS AND HVAC CONTROL, P. 8

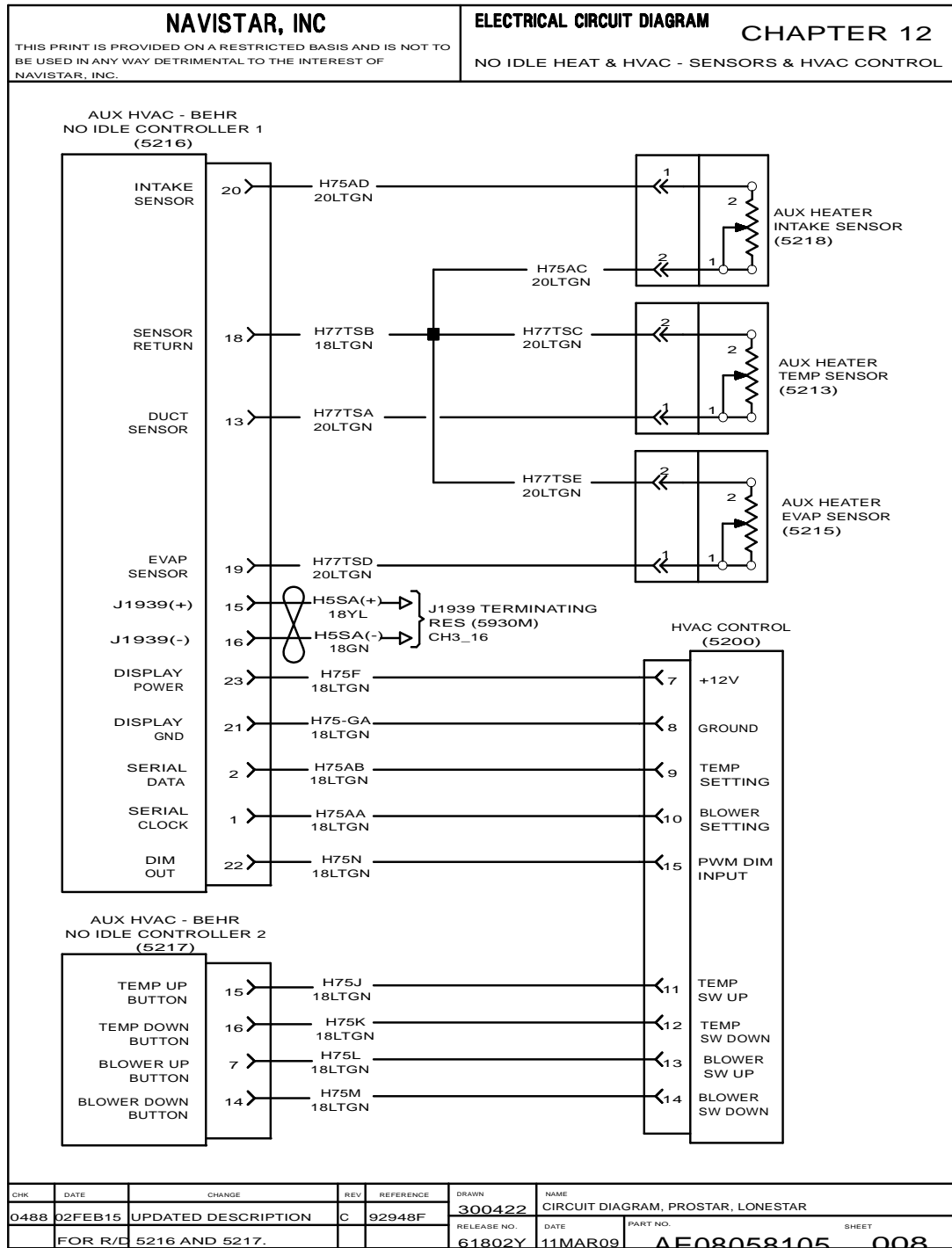


Figure 389 No Idle Heat and HVAC – Sensors and HVAC Control

12.9. HVAC TEMPERATURE SENDER, P. 8A

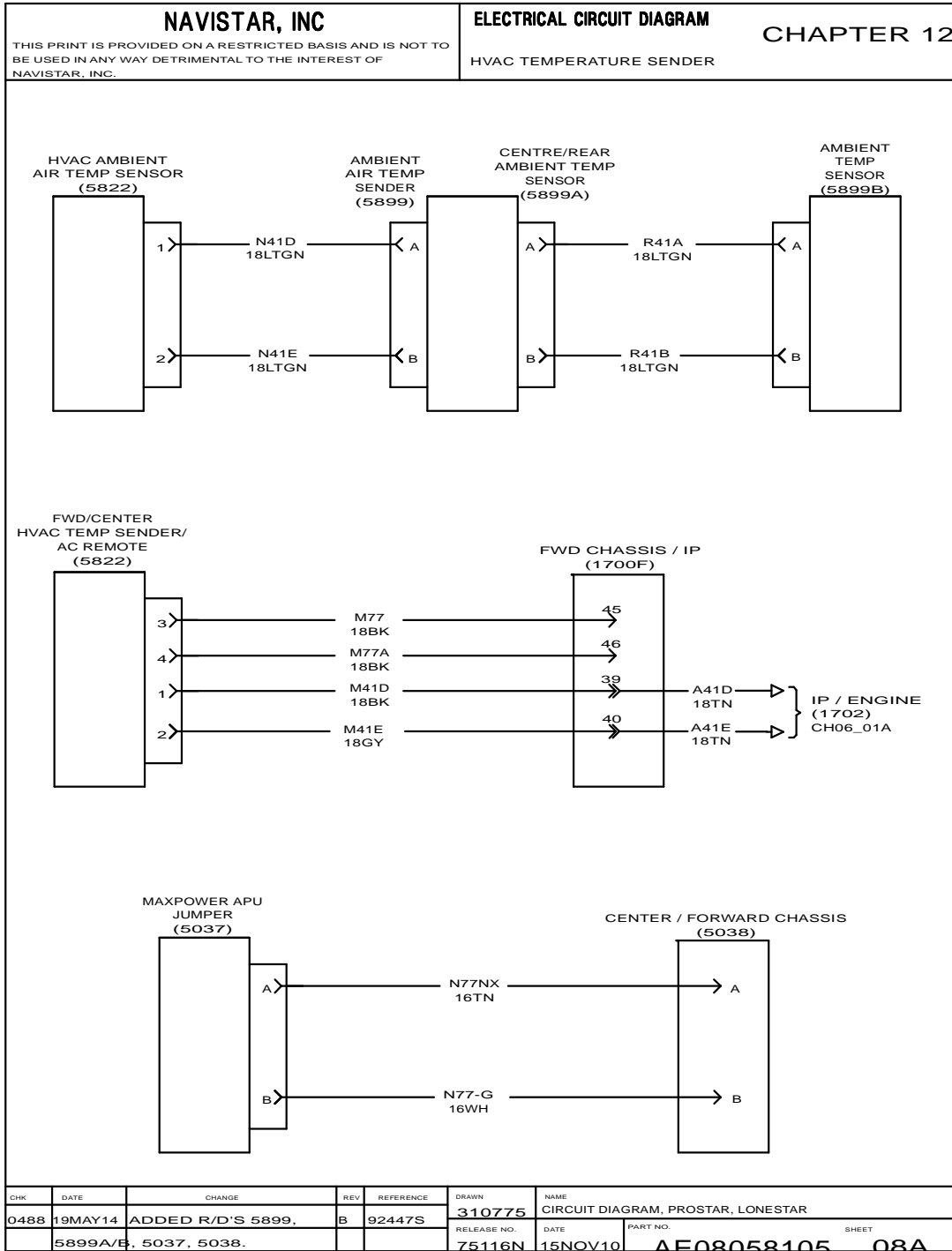


Figure 390 HVAC Temperature Sender

12.10. NO IDLE HEAT AND HVAC – POWER SUPPLY, P. 9

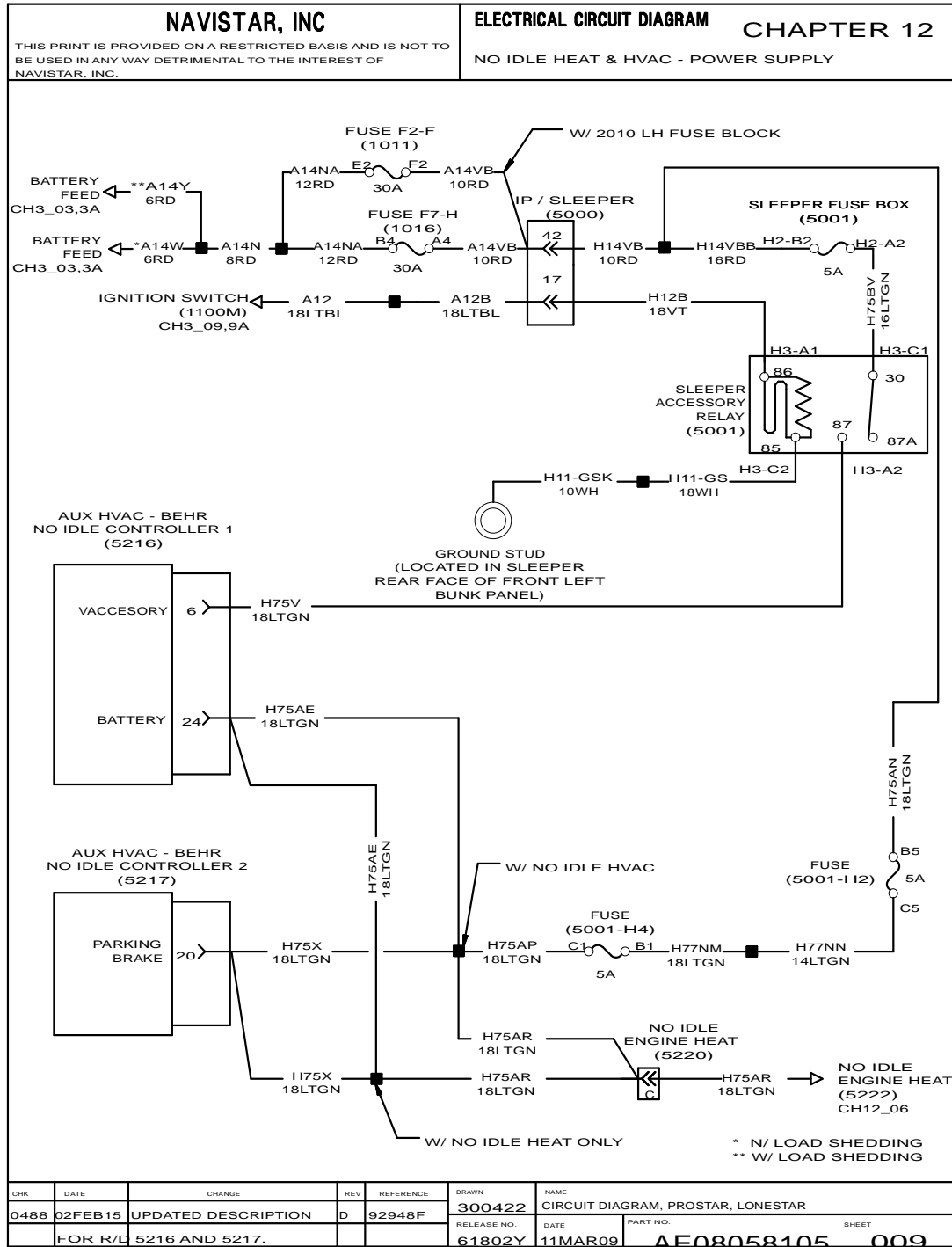


Figure 391 No Idle Heat and HVAC – Power Supply

12.11. NO IDLE HEAT AND HVAC – HEAT VALVE, LPM AND BLEND MOTOR, P. 10

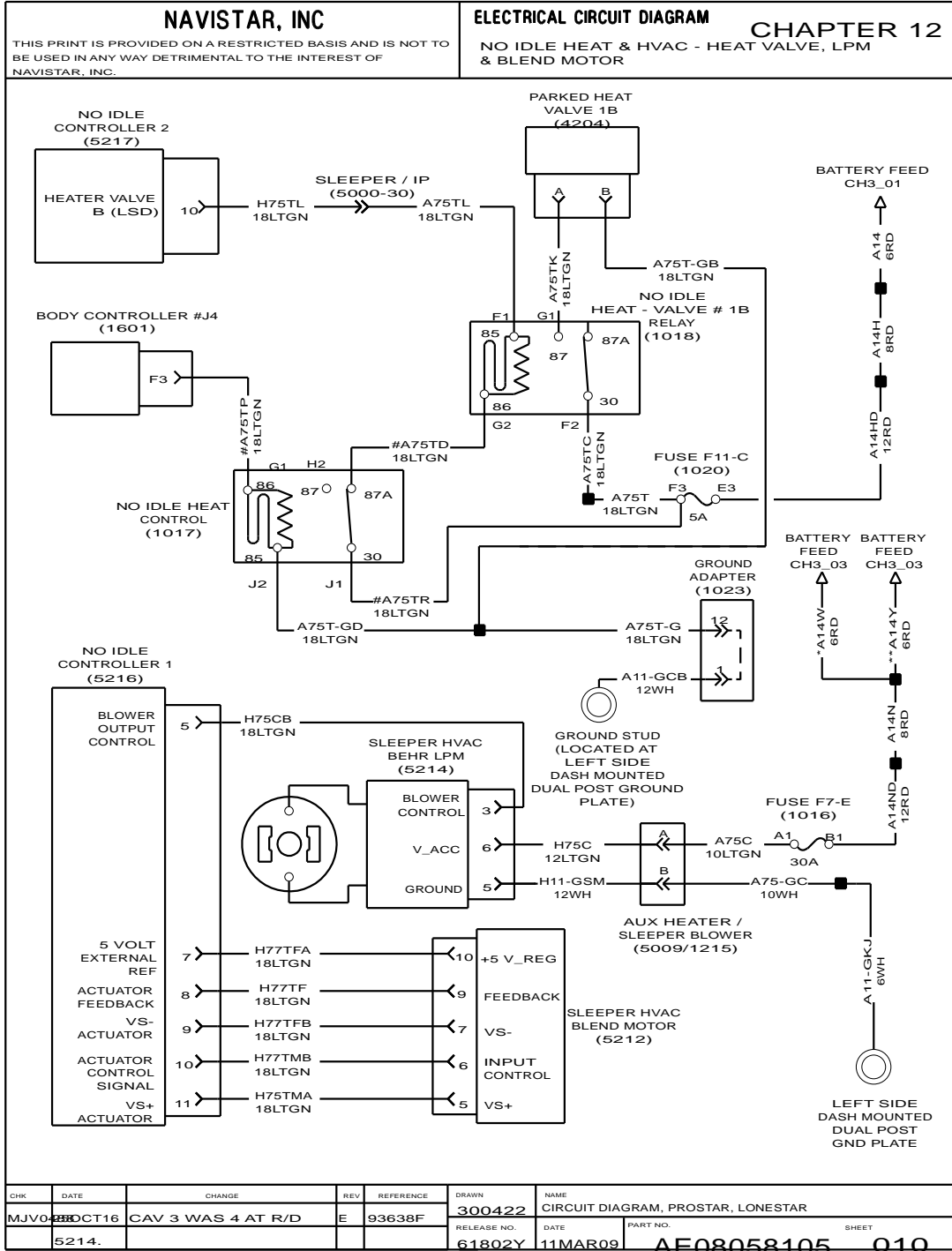


Figure 392 No Idle Heat and HVAC – Heat Valve, LPM and Blend Motor

12.12. NO IDLE HEAT AND HVAC – FUEL FIRED HEATER AND A/C COMPRESSOR, P. 11

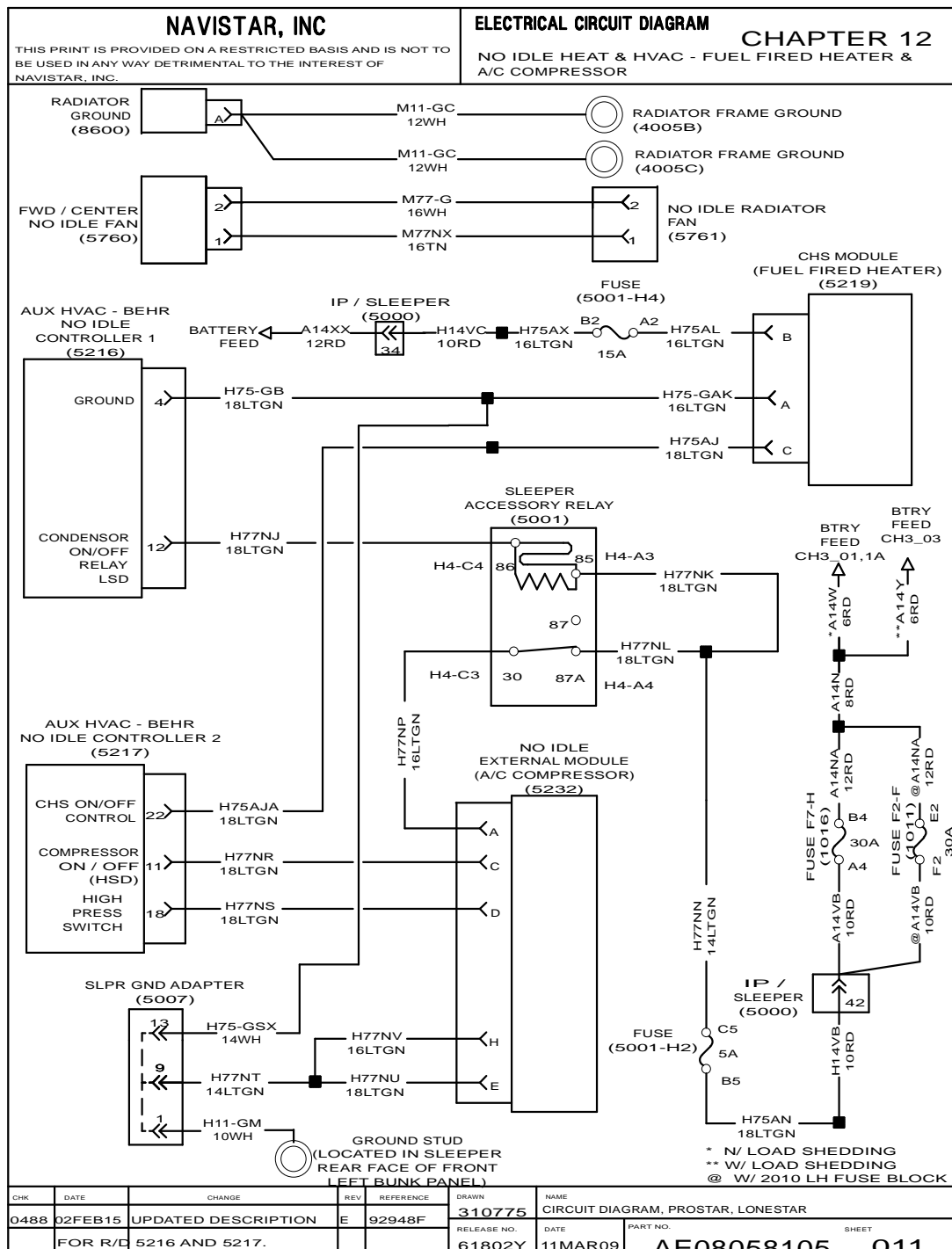


Figure 393 No Idle Heat and HVAC – Fuel Fired Heater and A/C Compressor

12.13. NO IDLE HEATER, ESPAR IN CAB FUEL FIRED HEATER, P. 12

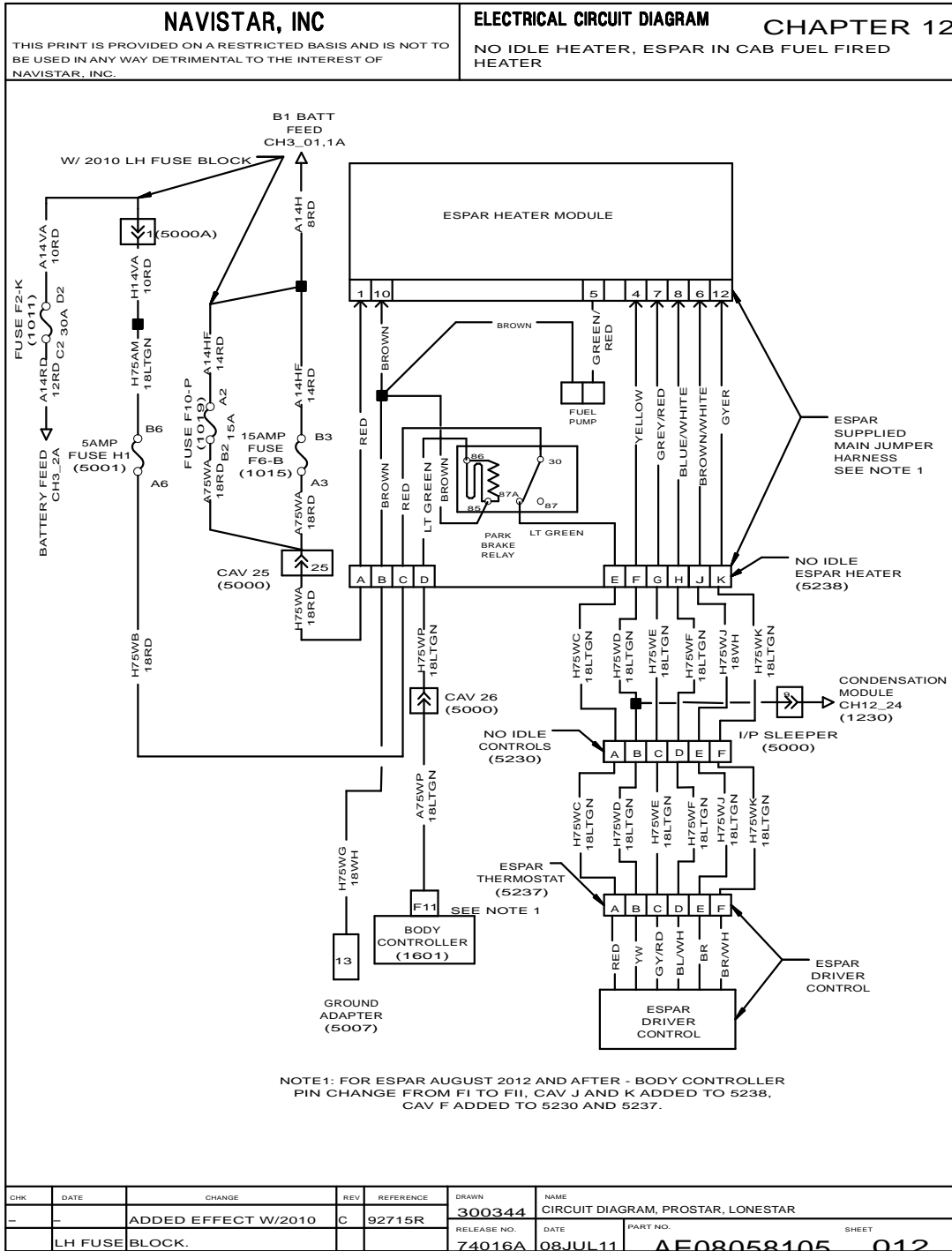


Figure 394 No Idle Heater, ESPAR in Cab Fuel Fired Heater



12.14. NO IDLE HEATER, ESPAR IN CAB FUEL FIRED HEATER WIRED FOR KEY OFF MODE, P. 12A

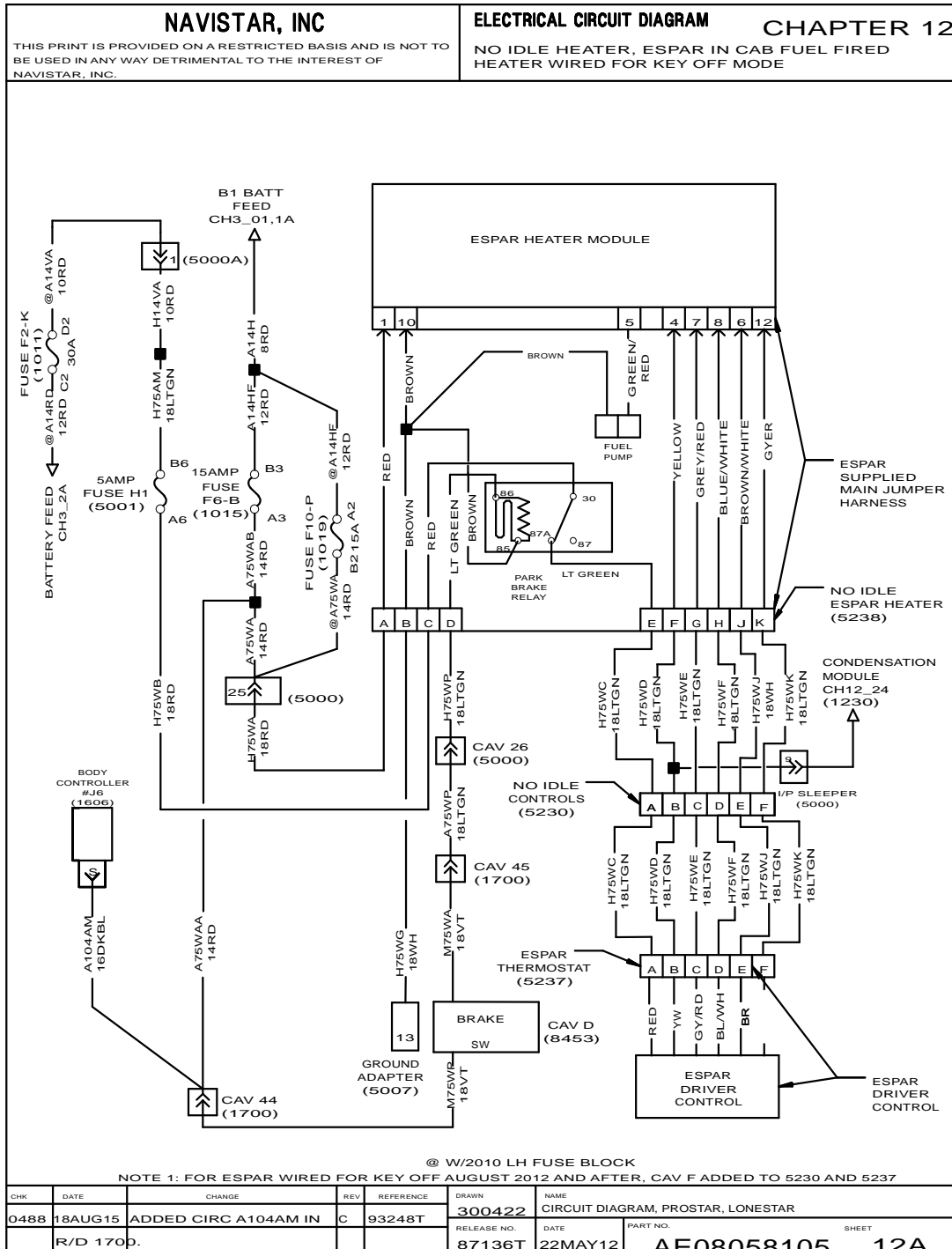


Figure 395 No Idle Heater, ESPAR in Cab Fuel Fired Heater Wired for Key Off Mode

12.15. NO IDLE HEATER, WEBASTO IN CAB FUEL FIRED HEATER, P. 13

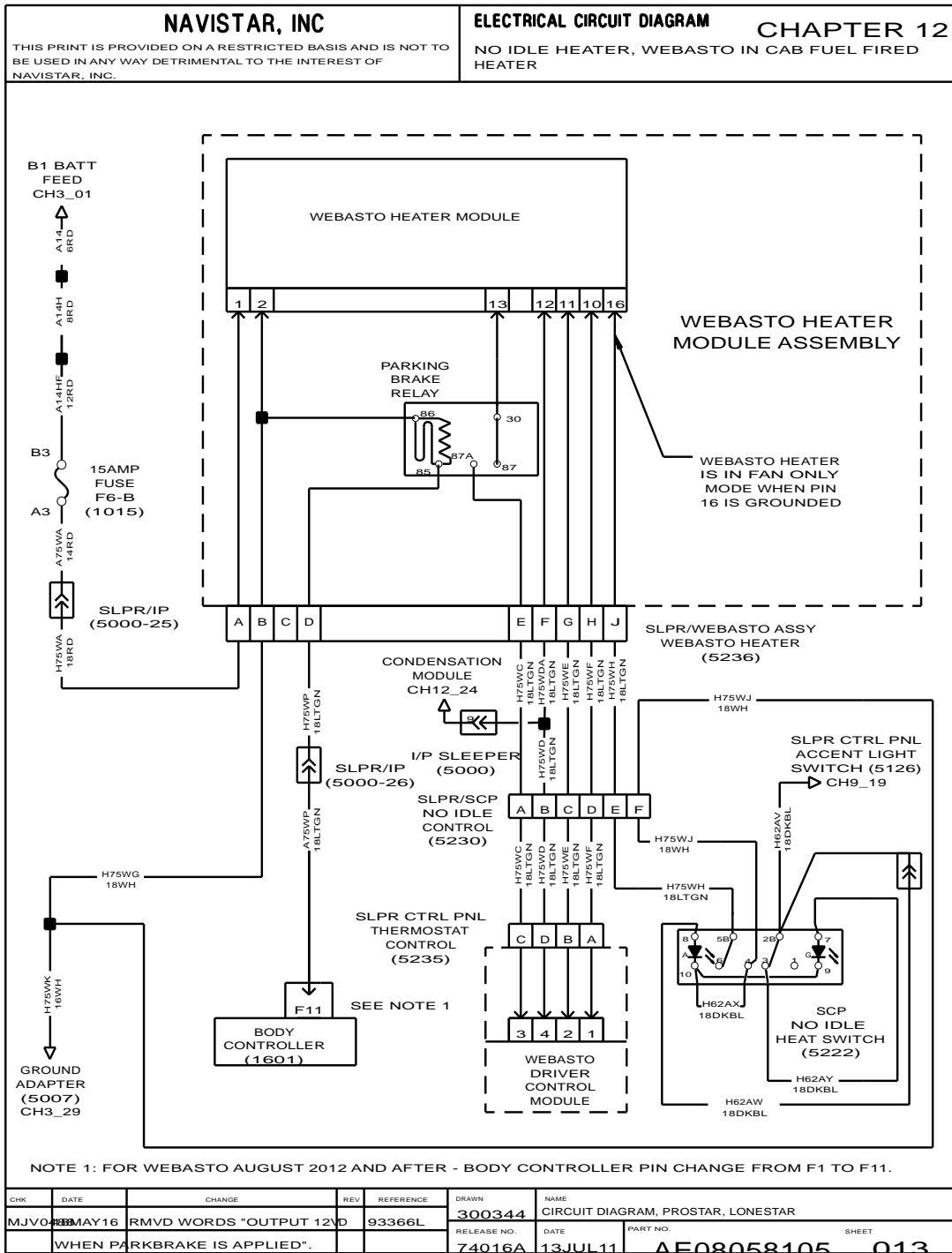


Figure 396 No Idle Heater, Webasto in Cab Fuel Fired Heater

12.16. NO IDLE HEATER, WEBASTO IN CAB FUEL FIRED HEATER WITH LVD, P. 14

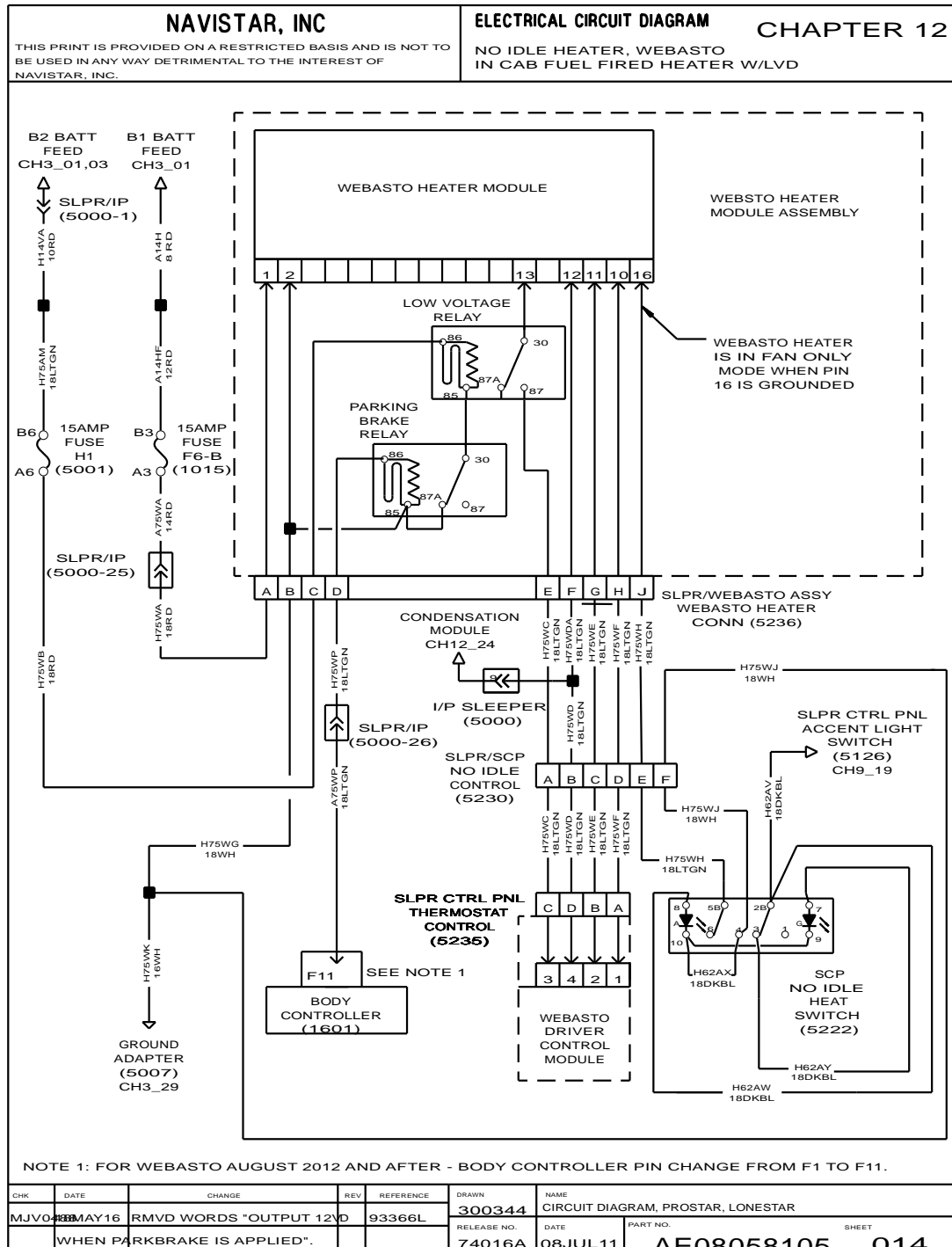


Figure 397 No Idle Heater, Webasto in Cab Fuel Fired Heater with LVD

12.17. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE WITH PROSTAR, P. 15

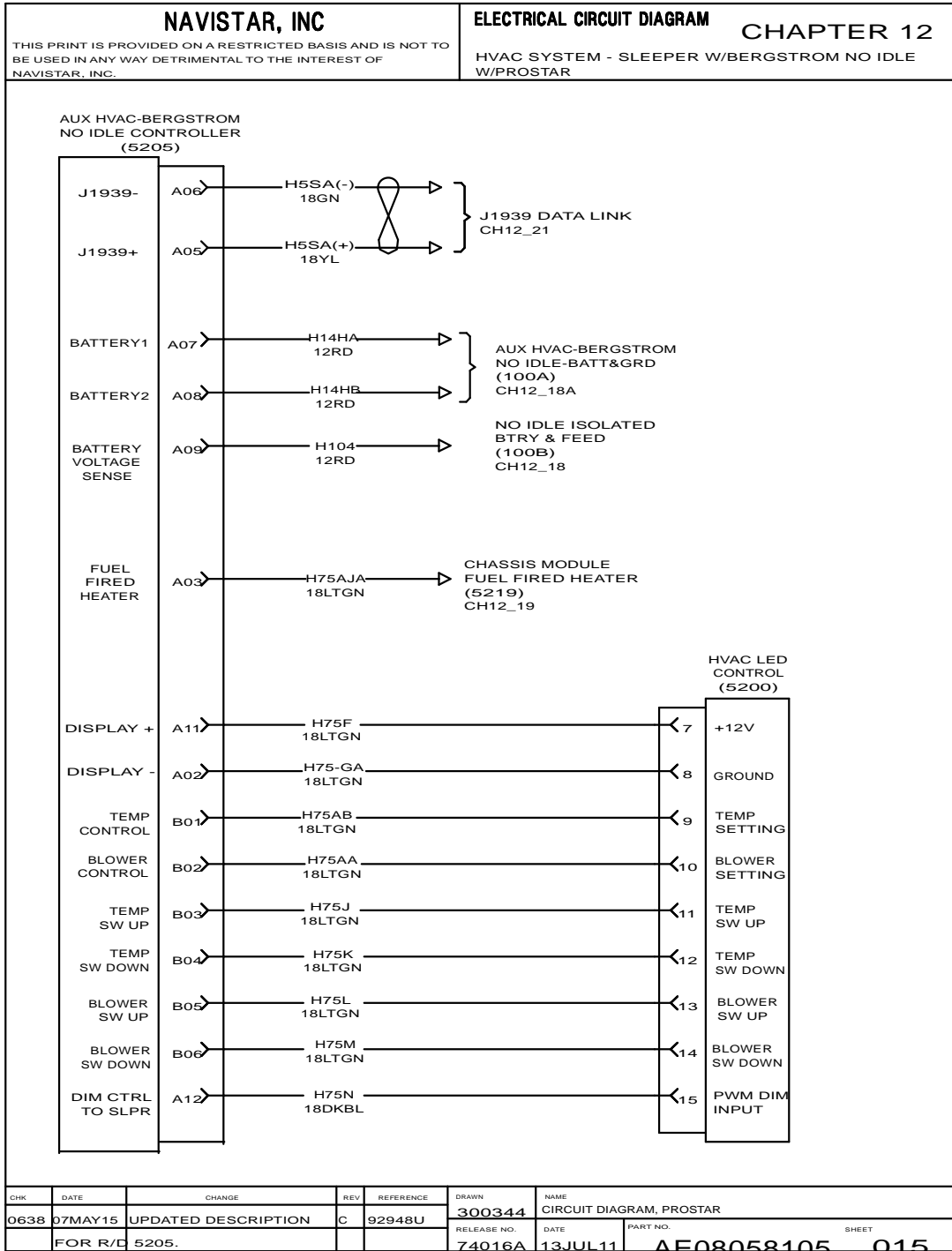


Figure 398 HVAC System – Sleeper with Bergstrom No Idle with ProStar

12.18. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE, P. 15A

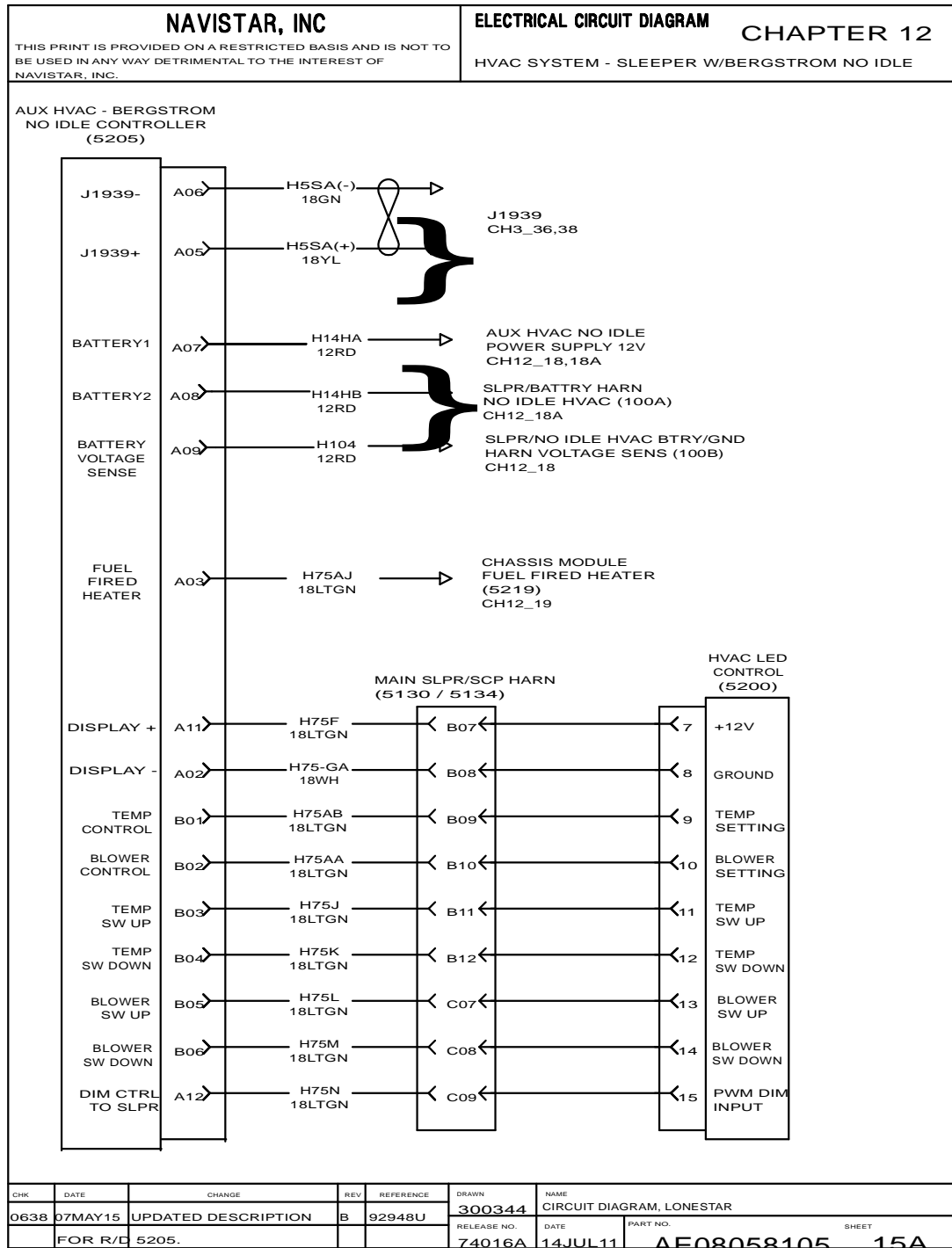


Figure 399 HVAC System – Sleeper with Bergstrom No Idle

12.19. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE SWITCHES – LOCATED IN SLEEPER CONTROL PANEL, P. 16

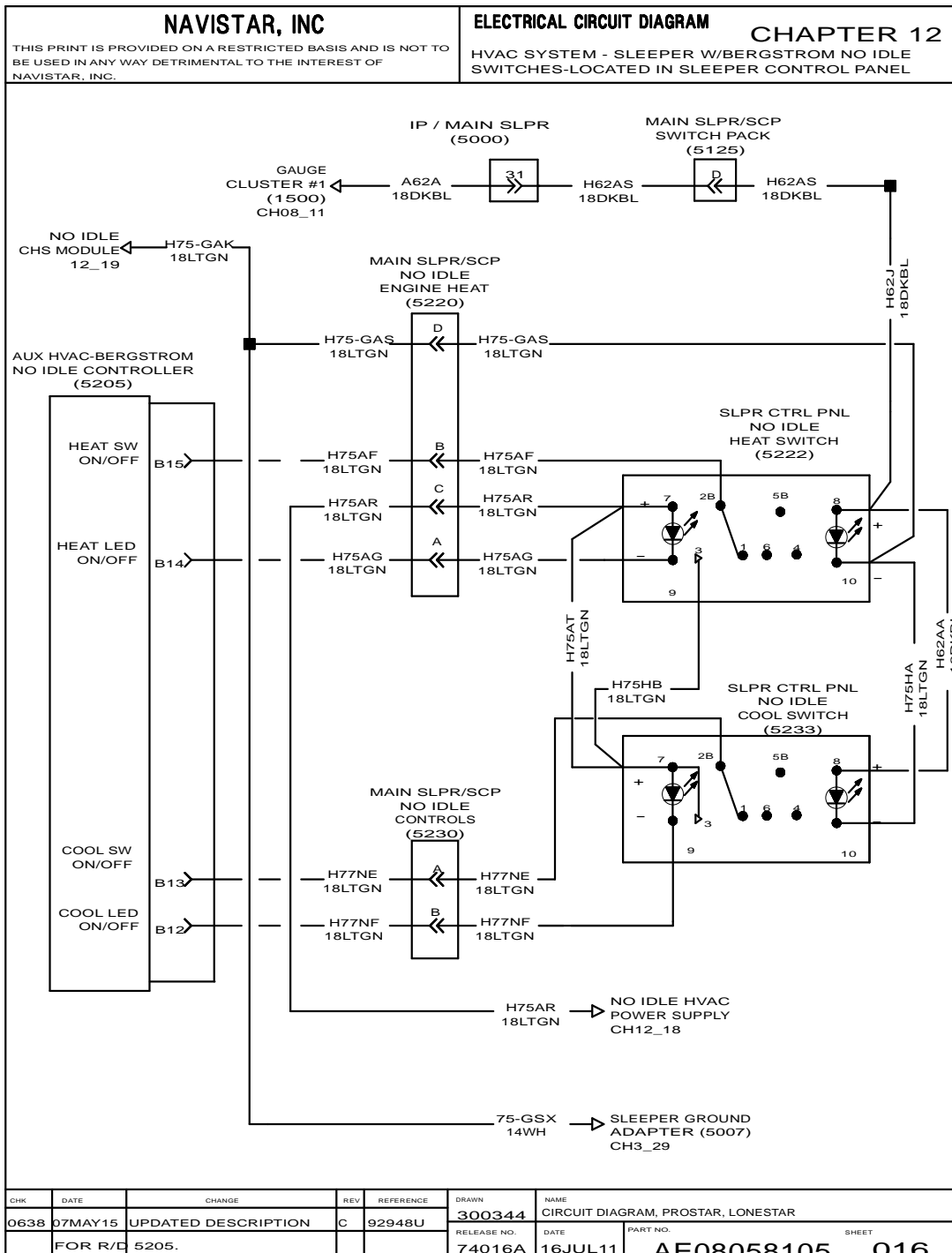


Figure 400 HVAC System – Sleeper with Bergstrom No Idle Switches – Located in Sleeper Control Panel

12.20. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE SWITCHES – LOCATED IN SLEEPER CONTROL PANEL (CONT.), P. 17

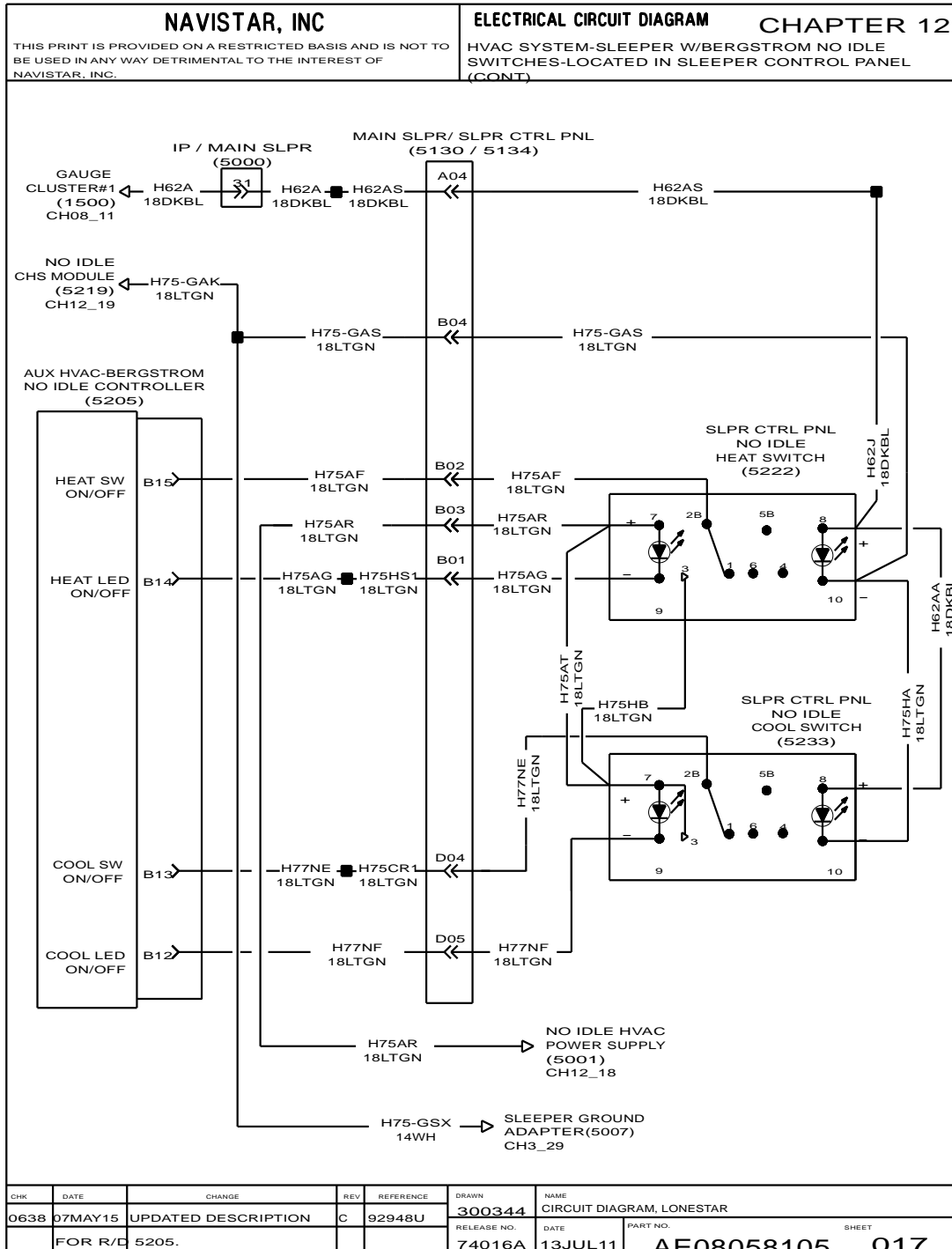


Figure 401 HVAC System – Sleeper with Bergstrom No Idle Switches – Located in Sleeper Control Panel (Cont.)

12.21. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE POWER SUPPLY 12V, P. 18

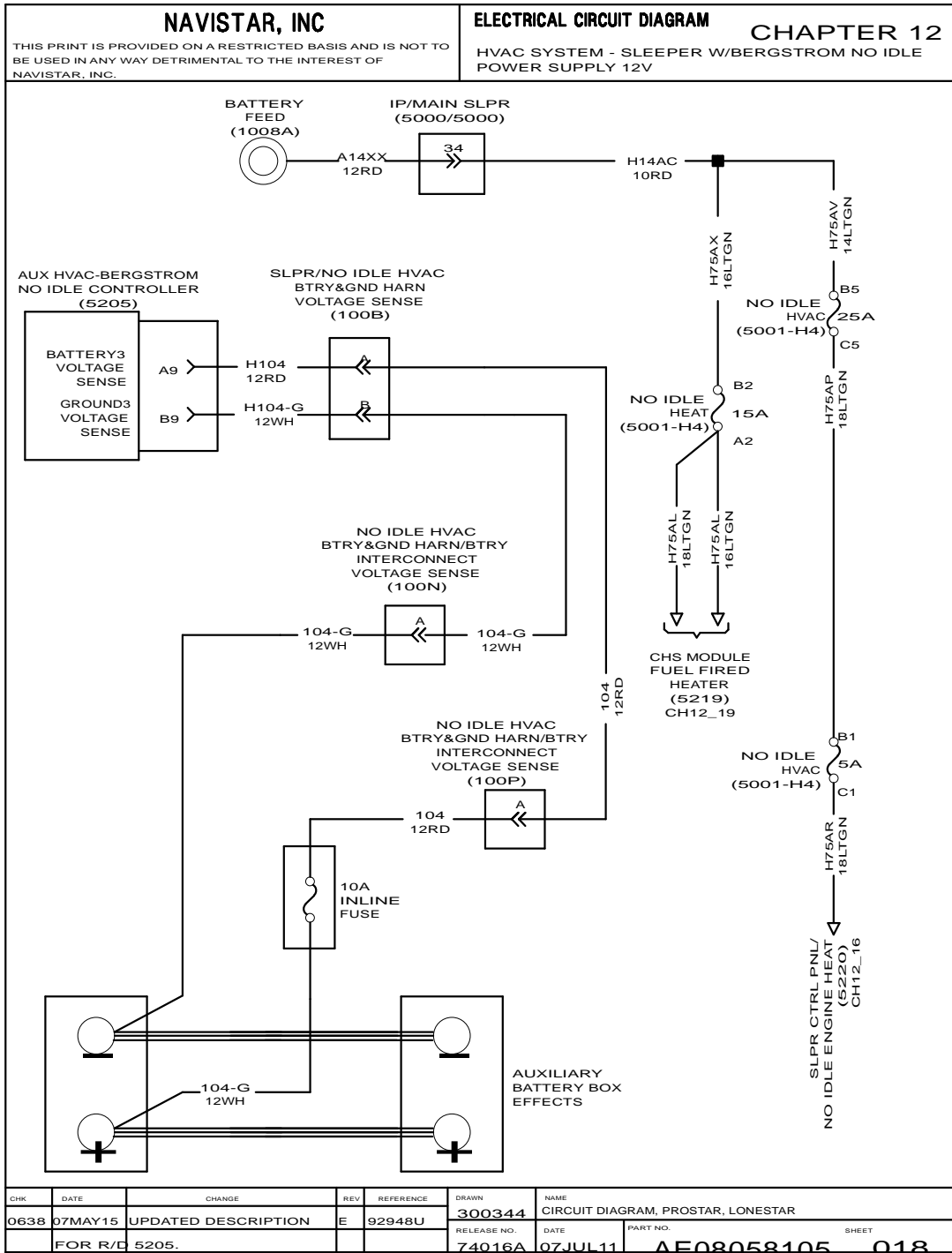


Figure 402 HVAC System – Sleeper with Bergstrom No Idle Power Supply 12V



12.22. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE POWER SUPPLY 12V (CONT.), P. 18A

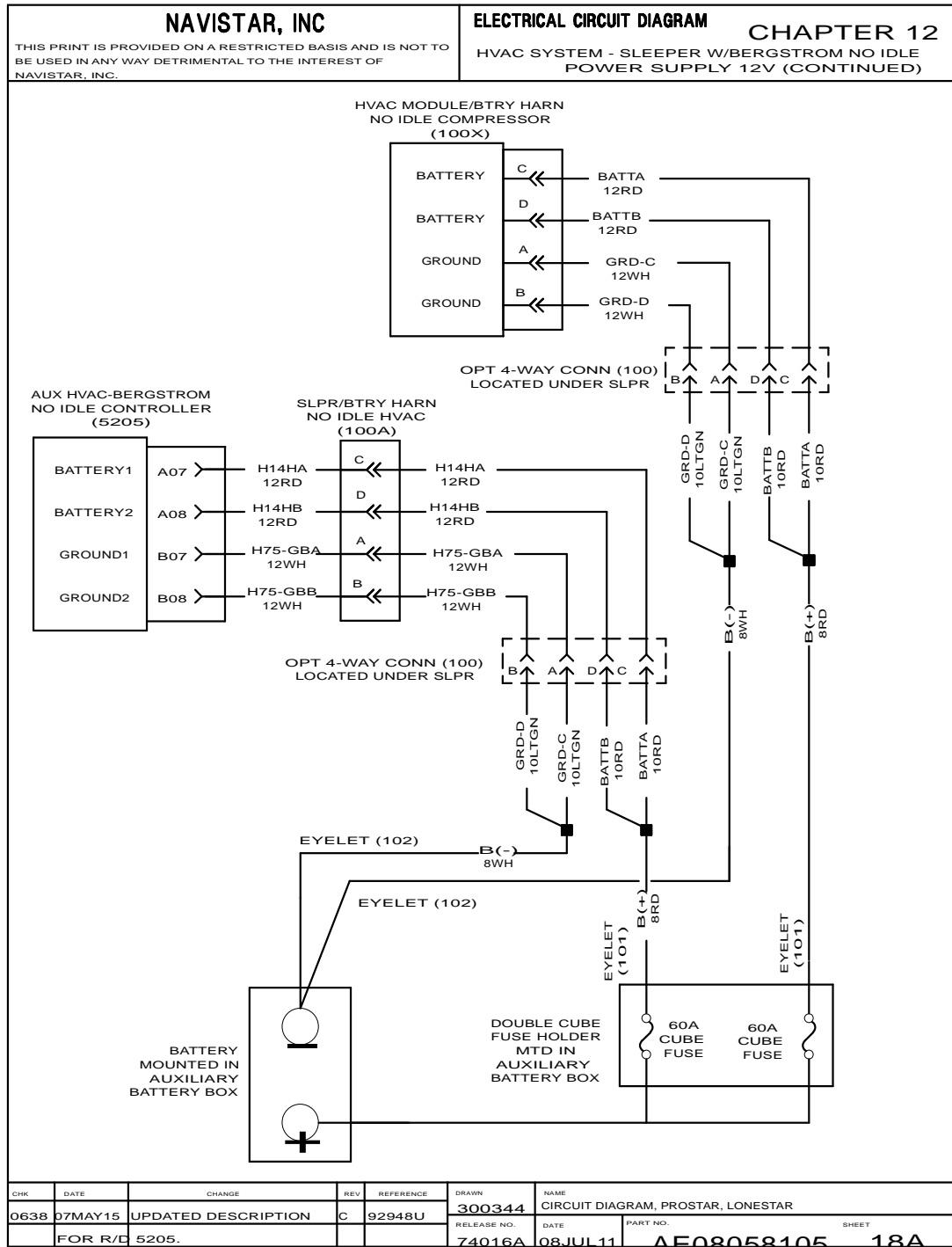


Figure 403 HVAC System – Sleeper with Bergstrom No Idle Power Supply 12V (Cont.)

12.23. HVAC SYSTEM – SLEEPER WITH BERGSTROM NO IDLE FUEL FIRED HEATER, P. 19

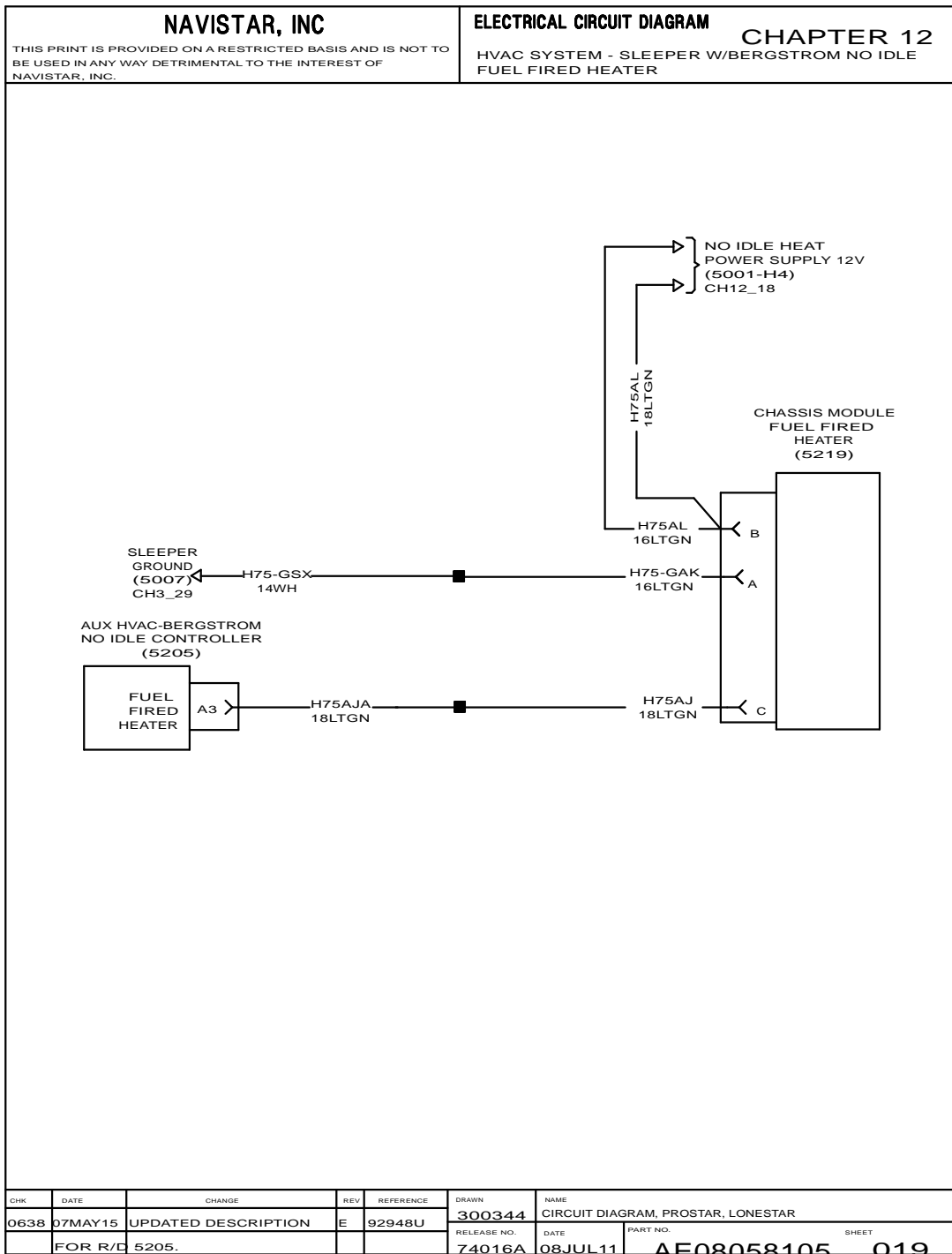


Figure 404 HVAC System – Sleeper with Bergstrom No Idle Fuel Fired Heater

12.24. IDLE MANAGEMENT WITH NO IDLE 12V DC NOT WITH AUTO SEVERE SERVICE LONESTAR, P. 20

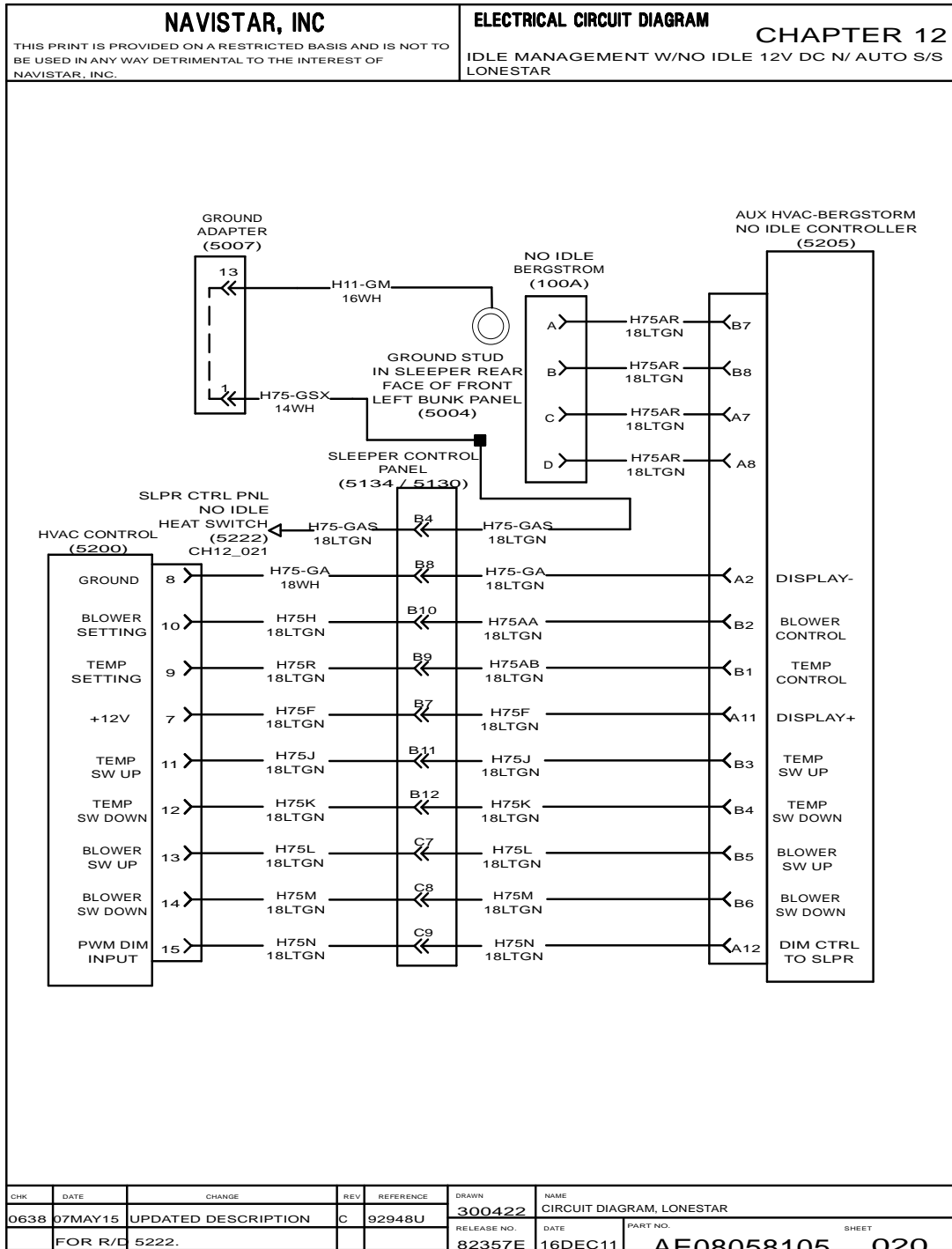


Figure 405 Idle Management with No Idle 12V DC not with Auto Severe Service LoneStar

12.25. IDLE MANAGEMENT WITH NO IDLE 12V DC NOT WITH AUTO SEVERE SERVICE LONESTAR (CONT.), P. 21

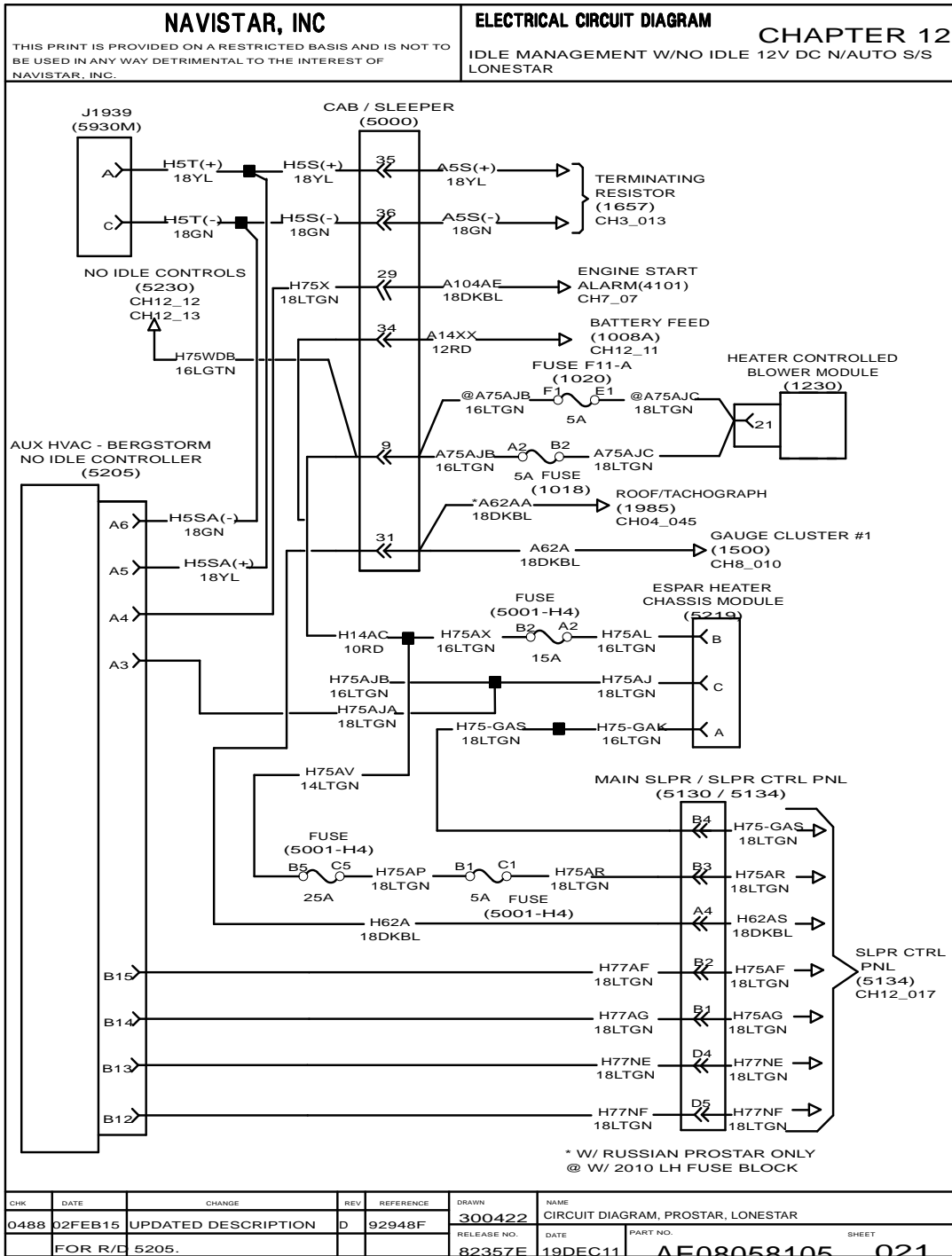


Figure 406 Idle Management with No Idle 12V DC not with Auto Severe Service LoneStar (Cont.)

12.26. IDLE MANAGEMENT WITH NO IDLE 110V AND SLEEPER BOX NO IDLE ISOLATED BATTERY AND GROUND, P. 22

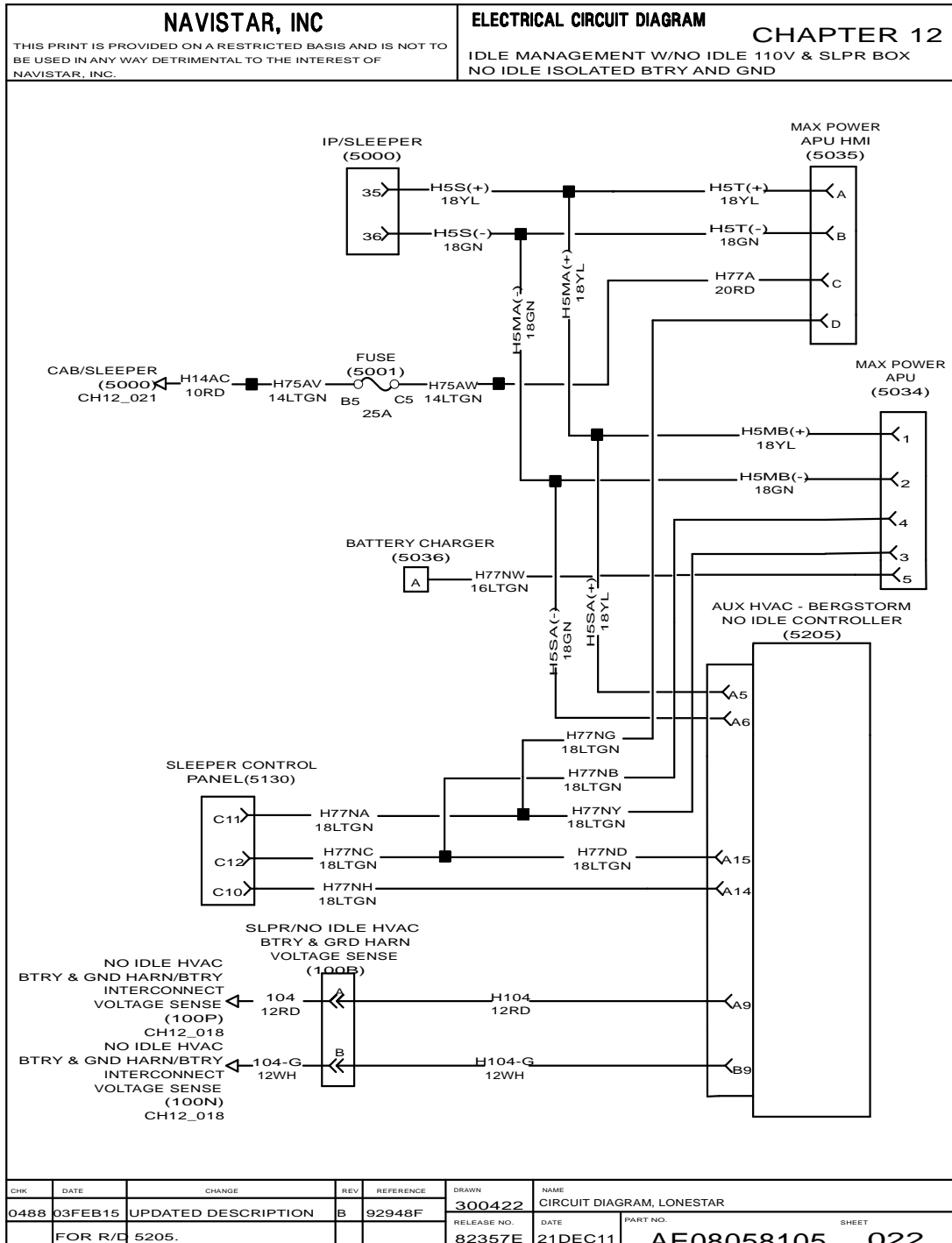


Figure 407 Idle Management with No Idle 110V and Sleeper Box No Idle Isolated Battery and Ground

12.27. SLEEPER BOX WITH NO IDLE 12V DC WITH AUTO SEVERE SERVICE LONESTAR, P. 23

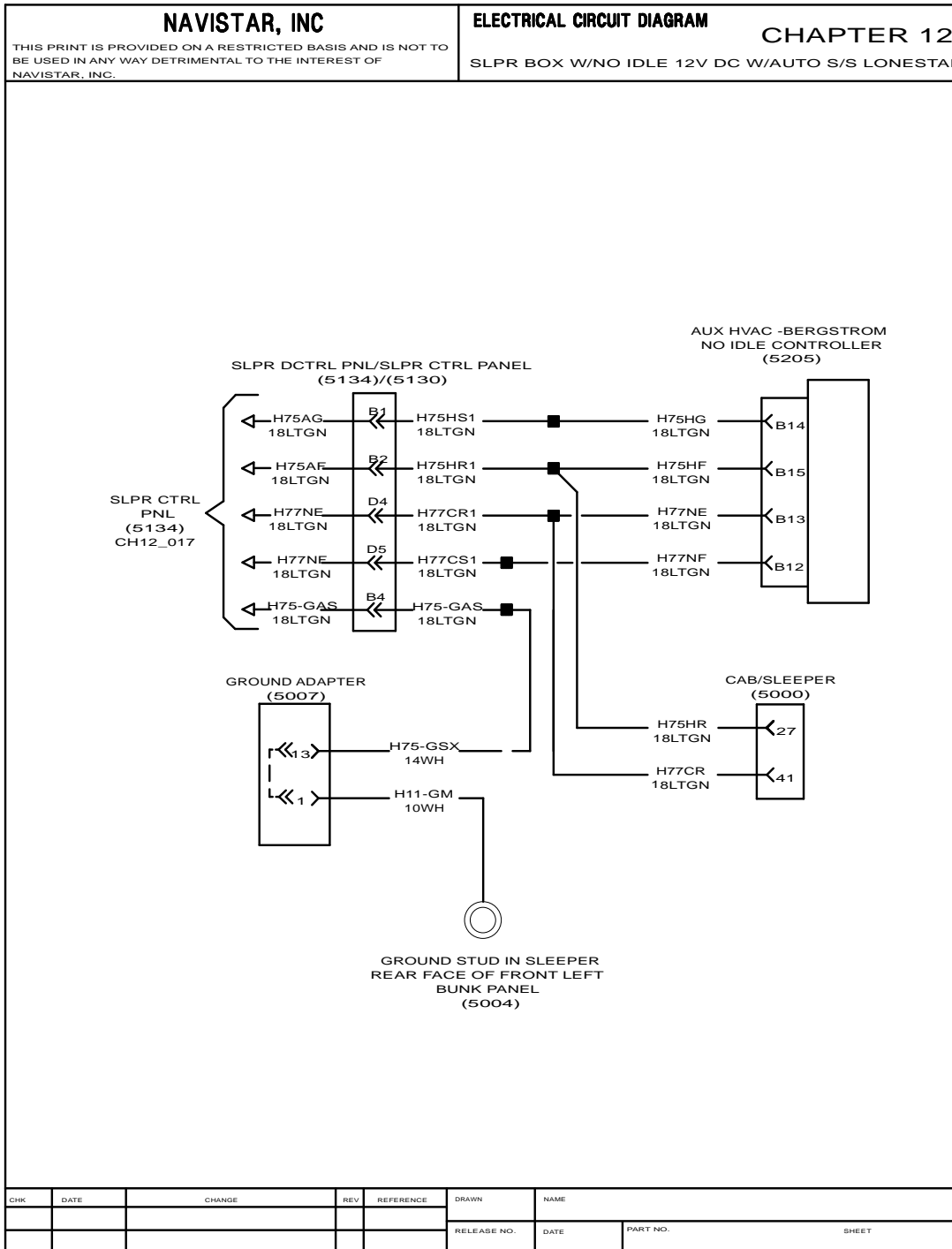


Figure 408 Sleeper Box with No Idle 12V DC with Auto Severe Service LoneStar

12.28. HVAC-CONDENSATION MODULE FOR ESPAR AND WEBASTO NO IDLE HEAT, P. 24

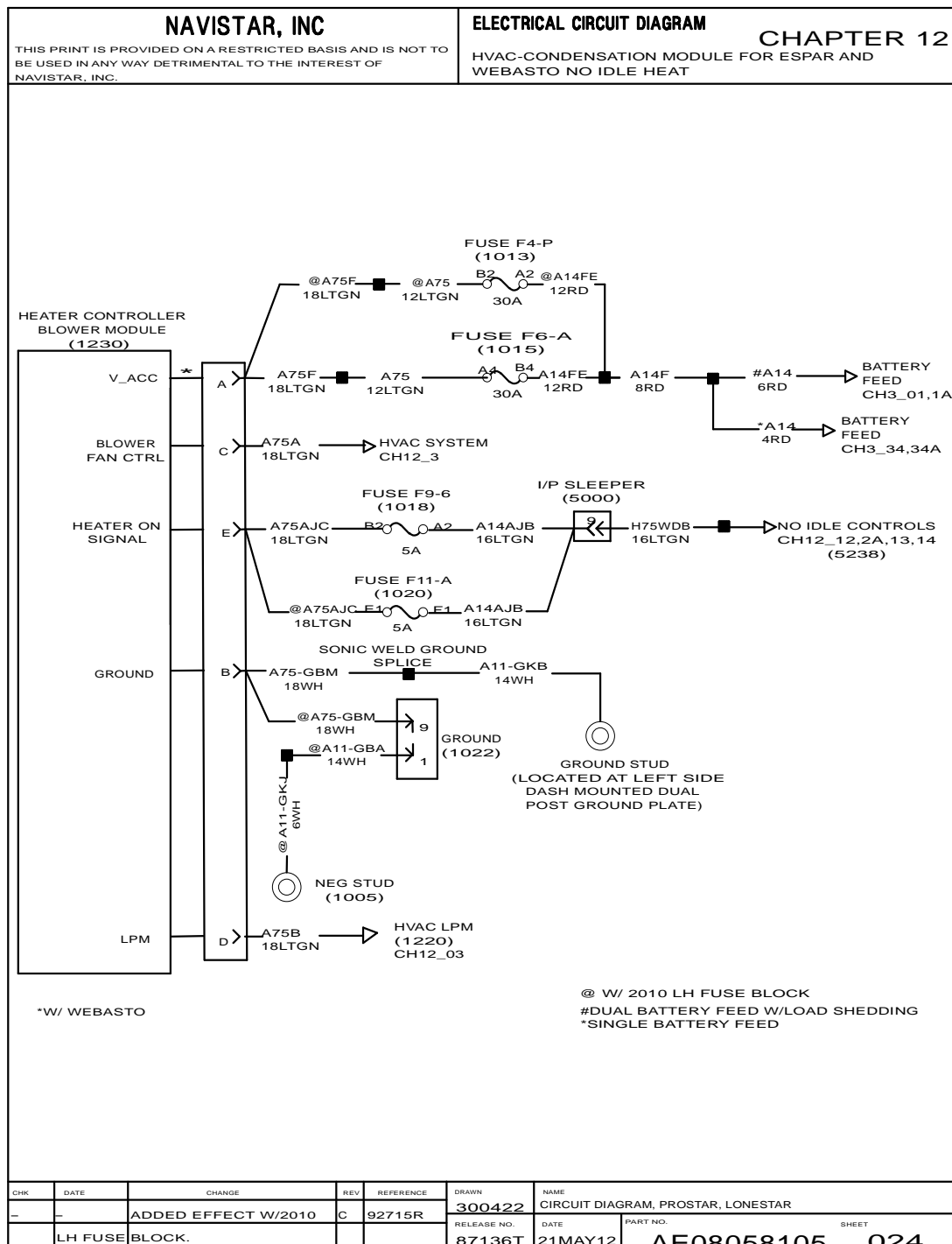


Figure 409 HVAC-Condensation Module for ESPAR and WEBASTO No Idle Heat

12.29. SLEEPER WIRING WITH NO IDLE DASH SWITCH, P. 25

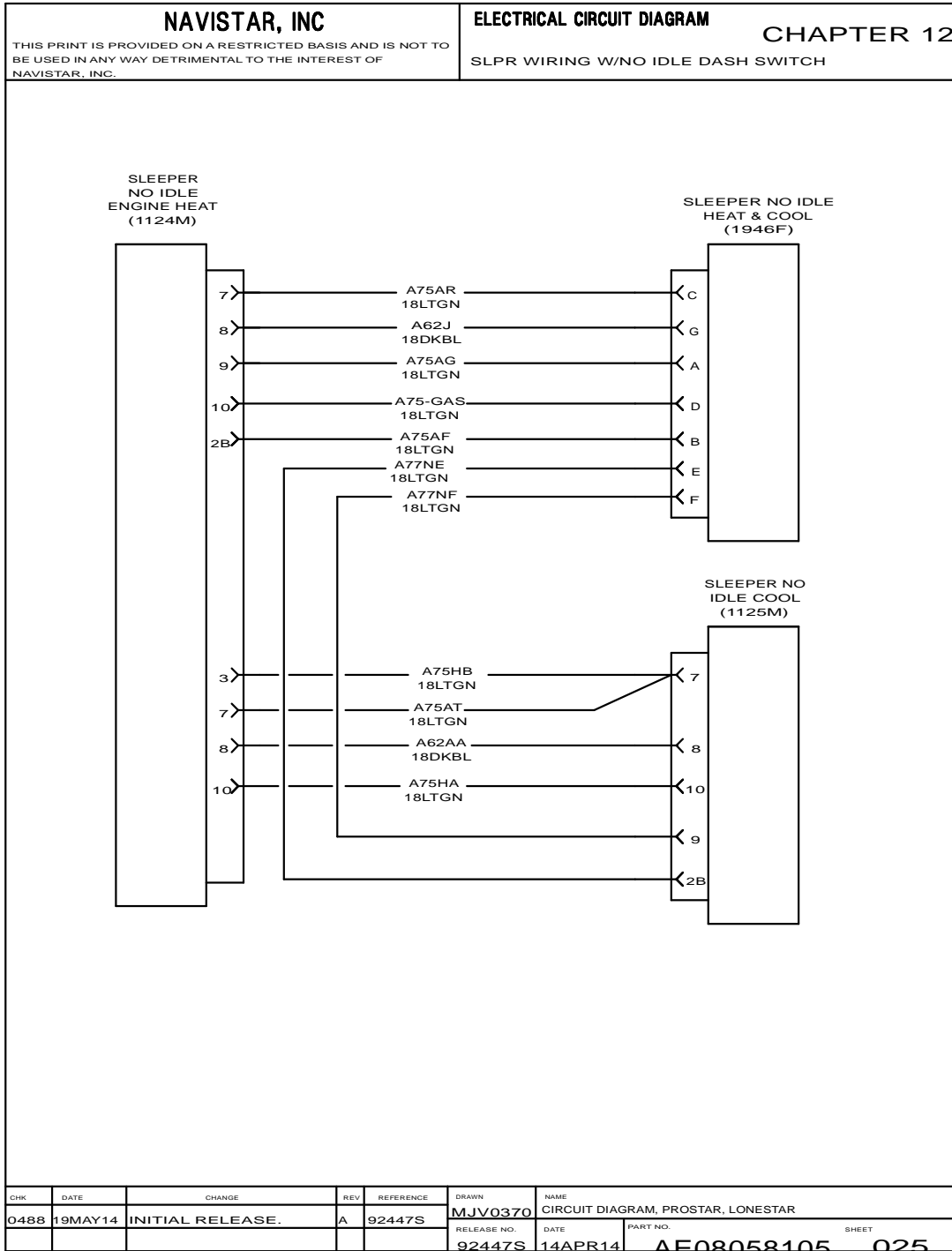


Figure 410 Sleeper Wiring with No Idle Dash Switch



12.30. ESPAR HEATER WITH DAYCAB, P. 26

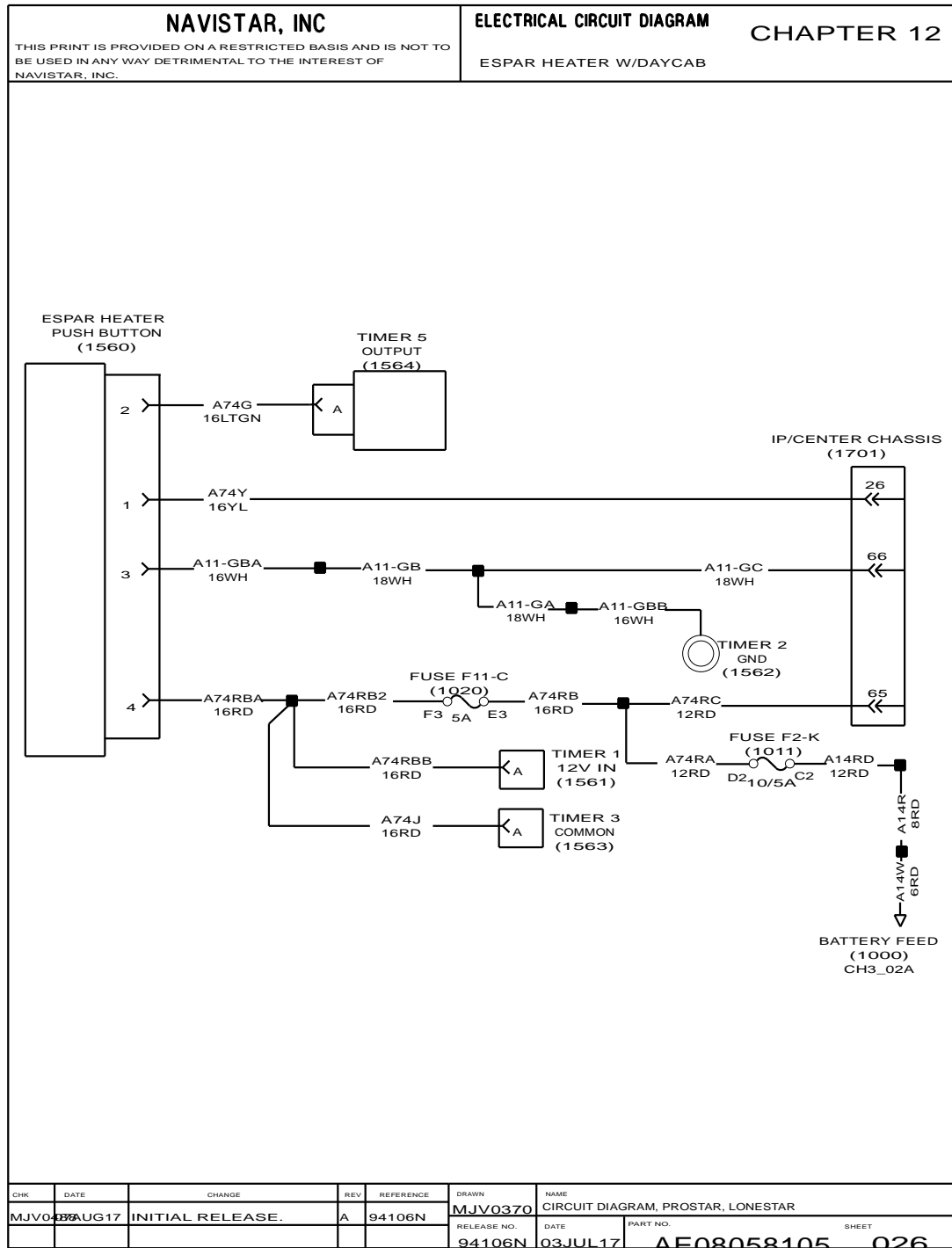


Figure 411 Espar Heater with Daycab



13.2. LUGGAGE COMPARTMENT LIGHTS – BUNK, P. 2

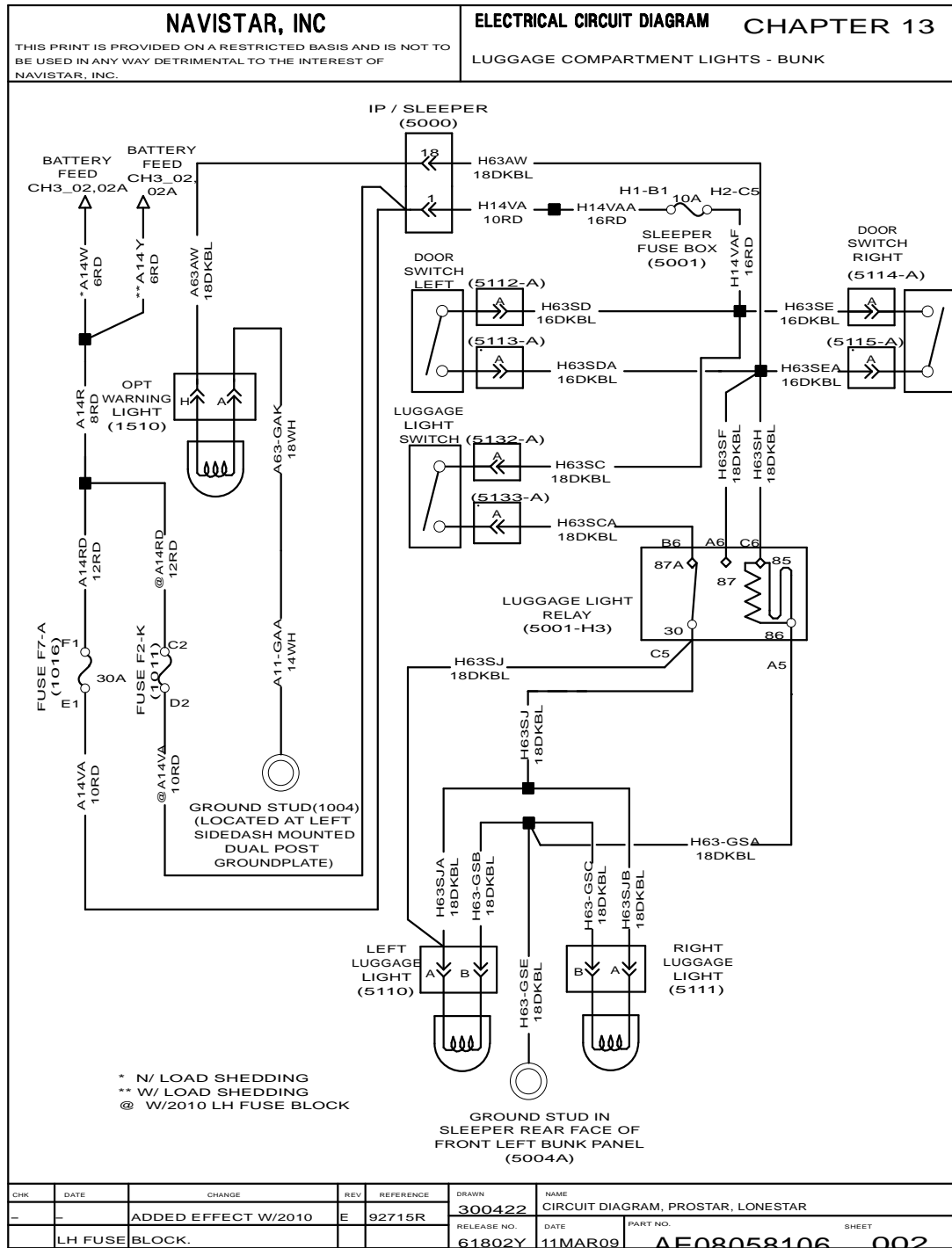


Figure 413 Luggage Compartment Lights – Bunk

13.3. POWER SOURCE – BUNK, P. 3

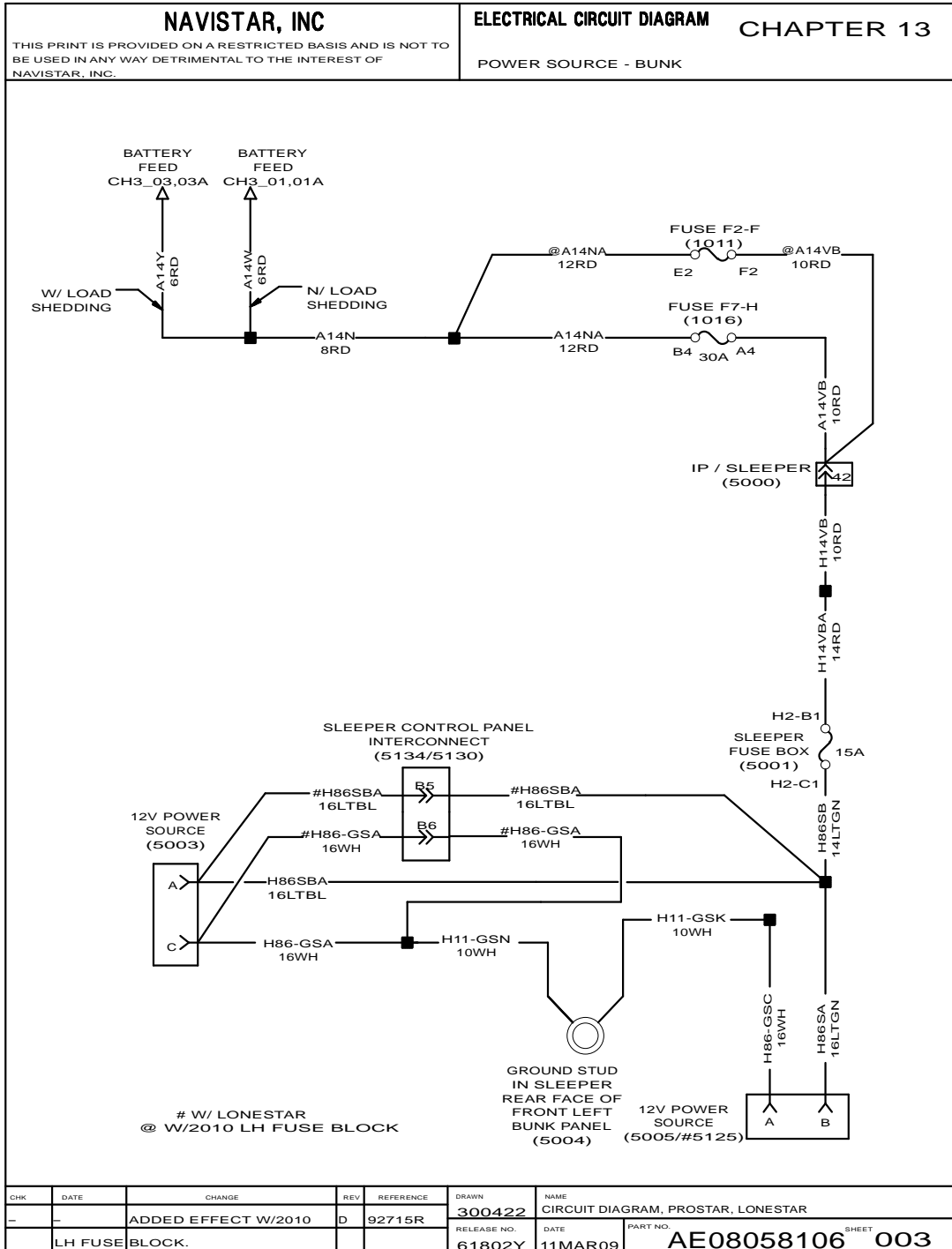


Figure 414 Power Source – Bunk

13.4. TELEVISION / REFRIGERATOR WIRING, P. 4

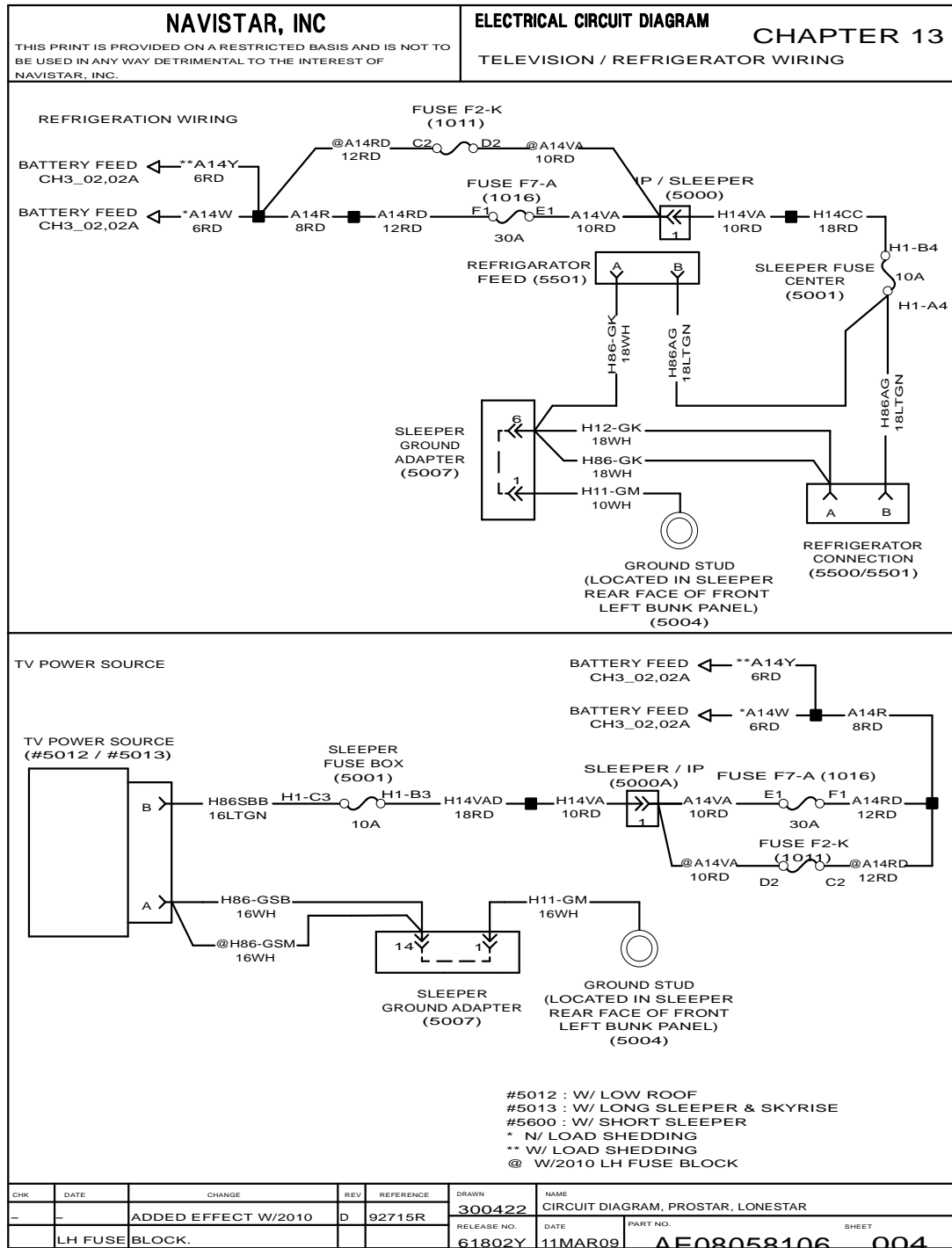


Figure 415 Television / Refrigerator Wiring

13.5. SPEAKER – BUNK, P. 5

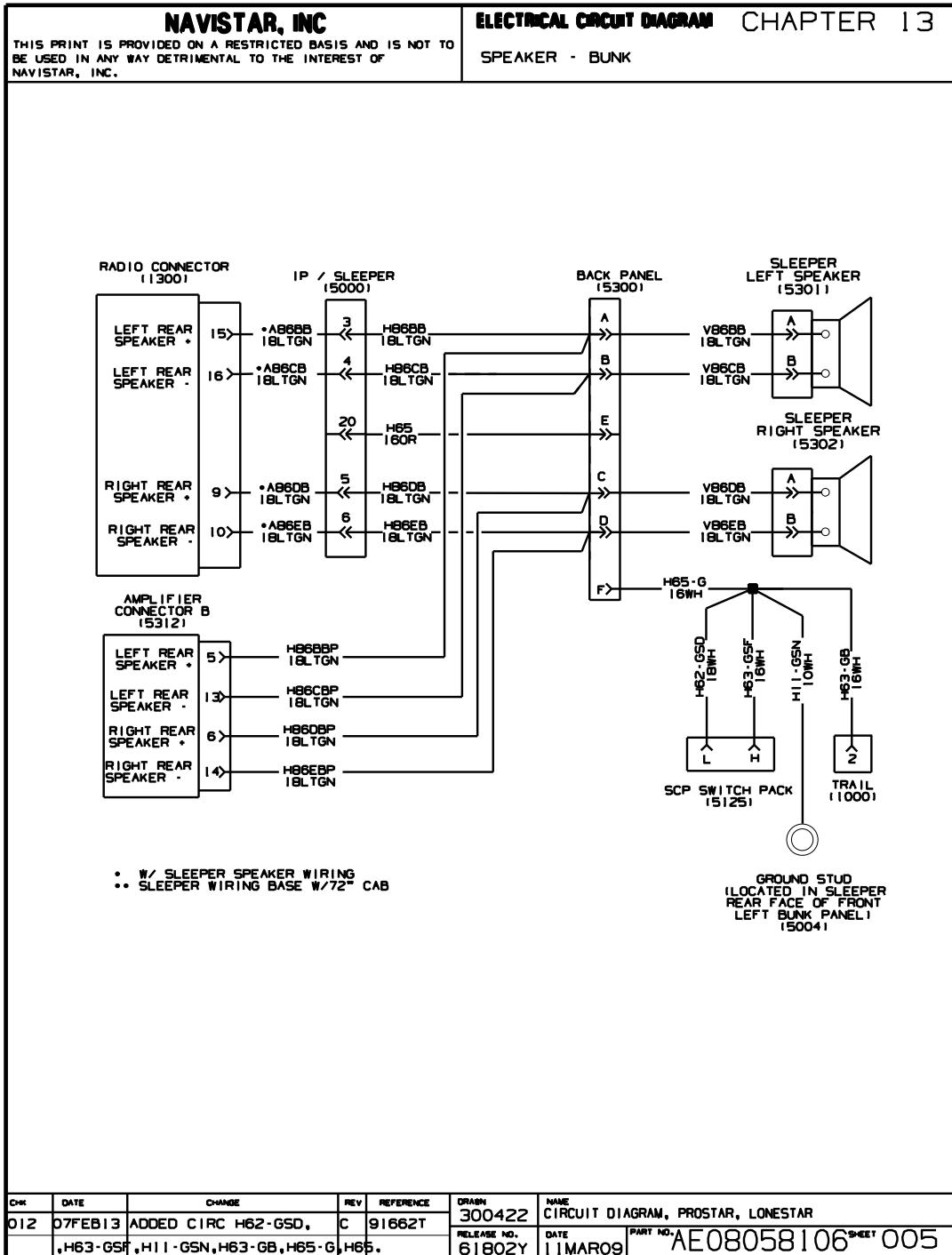


Figure 416 Speaker – Bunk

13.6. FAN – BUNK, P. 6

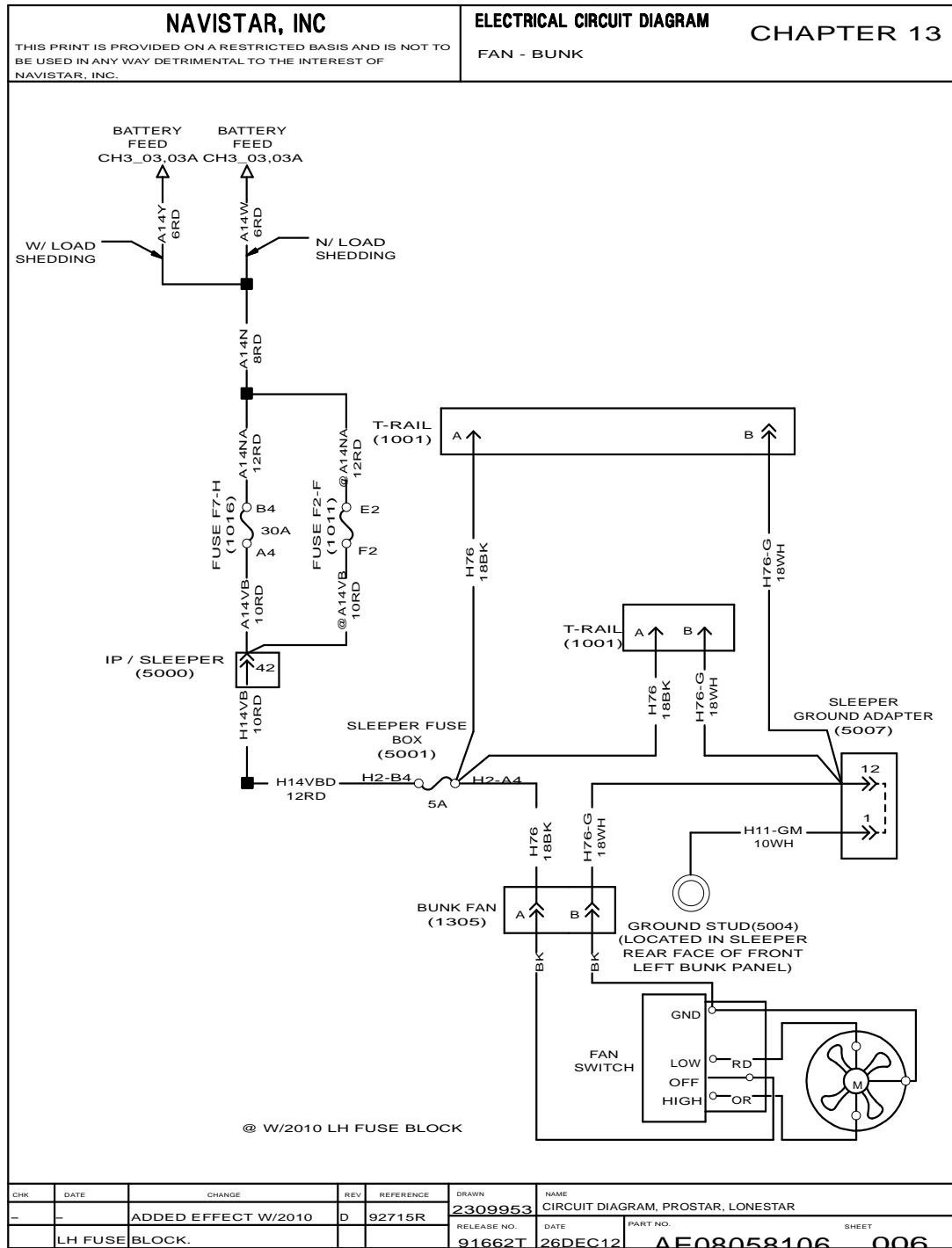


Figure 417 Fan – Bunk

13.7. SKY RISE LIGHT, P. 7

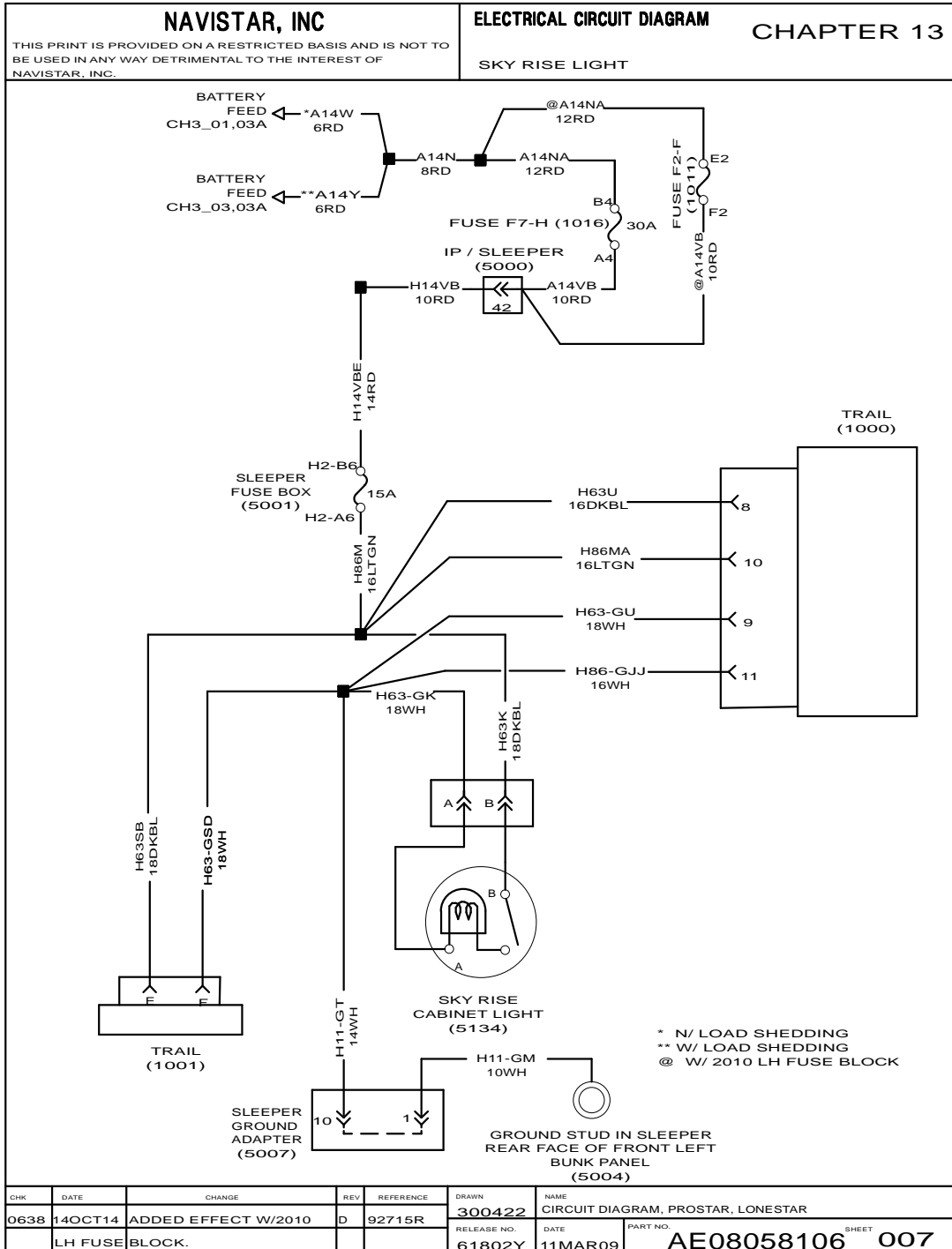


Figure 418 Sky Rise Light



13.8. FLAT PANEL TV / DVD PLAYER – BUNK, P. 8

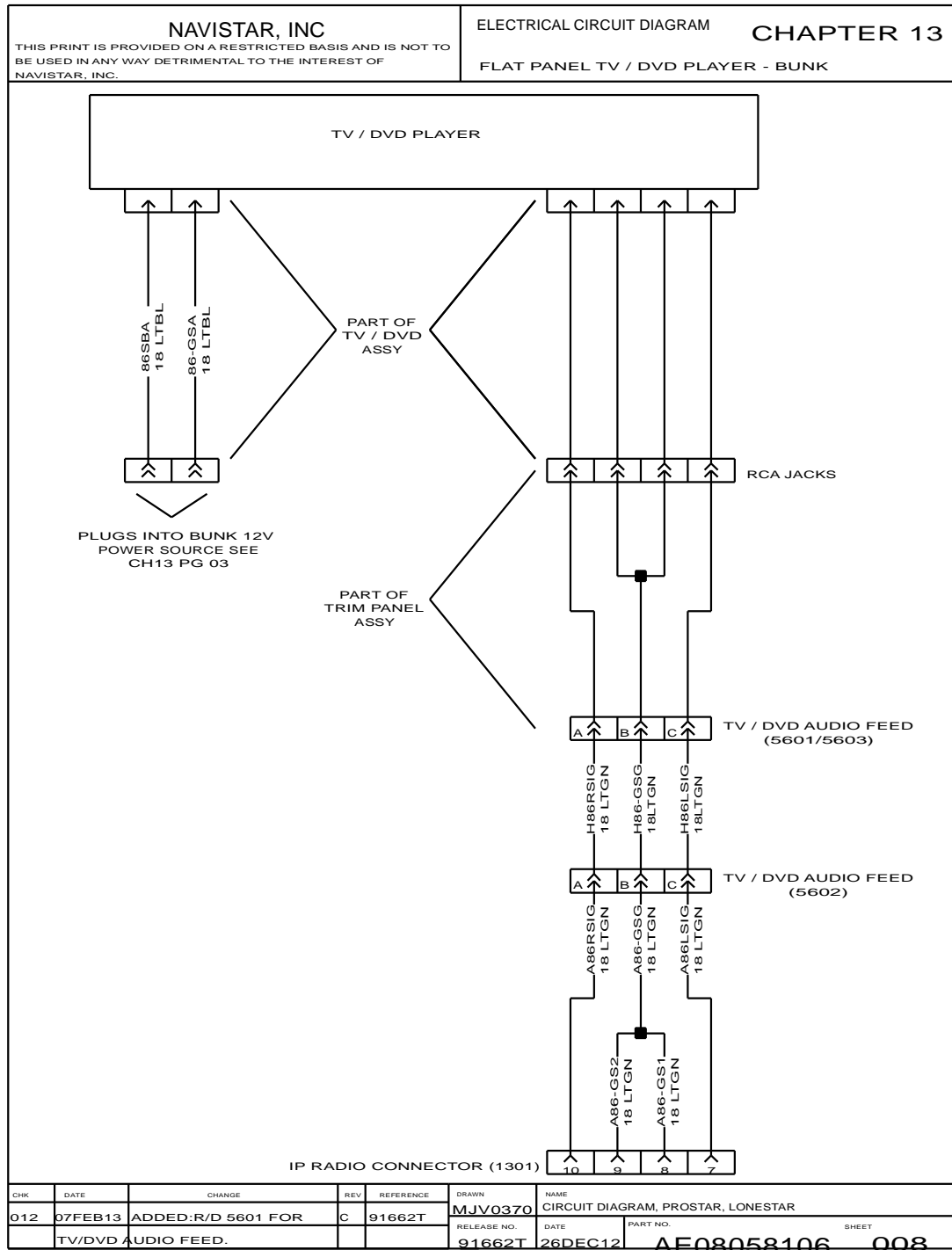
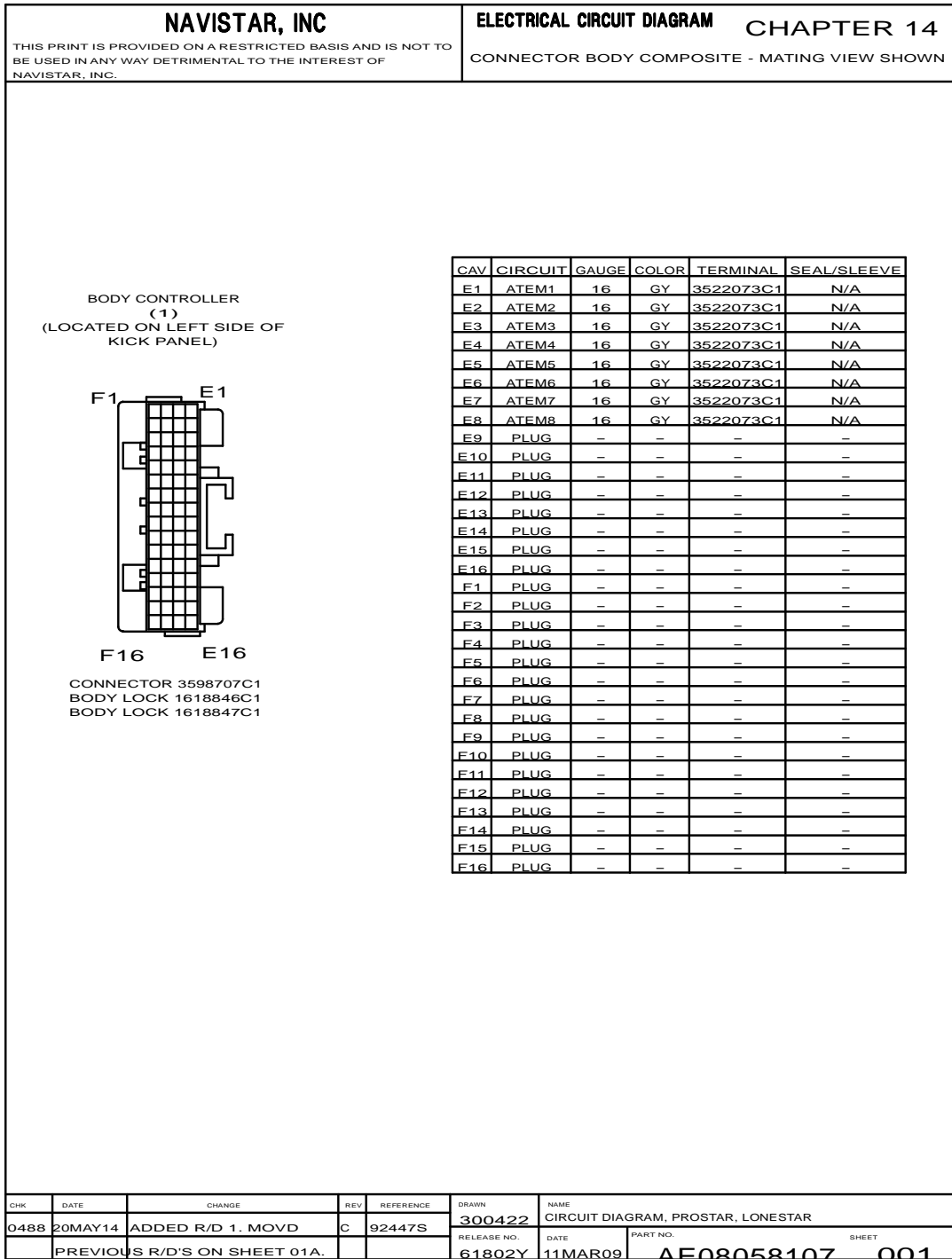


Figure 419 Flat Panel TV / DVD Player – Bunk

## CONNECTOR COMPOSITES (CHAPTER 14)

### 14.1. CONNECTOR BODY COMPOSITE (1), P. 1



**Figure 420 Connector Body Composite (1)**

14.2. CONNECTOR BODY COMPOSITE (7A), (8A), (9A), (10A), P. 1A

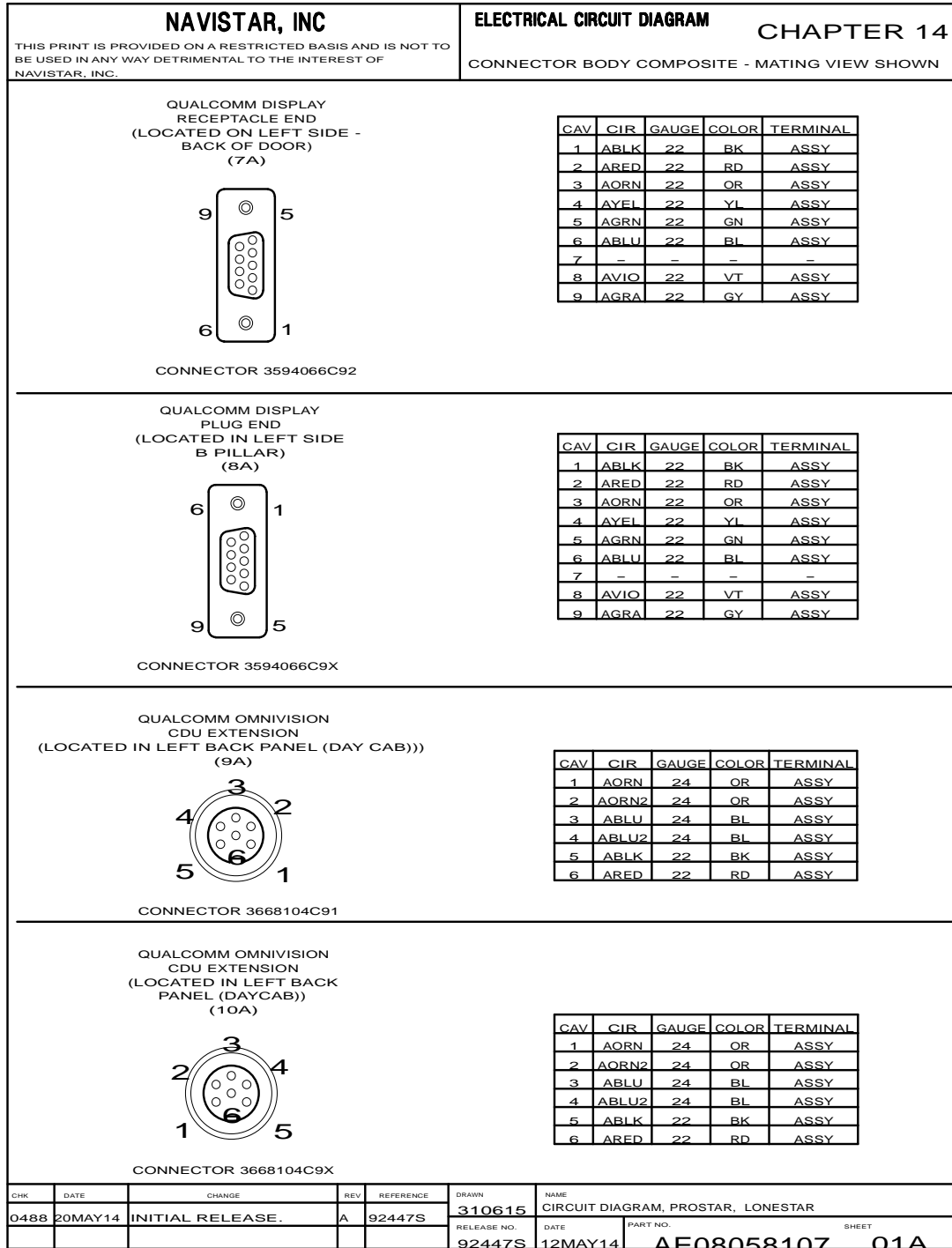


Figure 421 Connector Body Composite (7A), (8A), (9A), (10A)

14.3. CONNECTOR BODY COMPOSITE (10F), (11A), (12A), (13A), (14A), P. 2

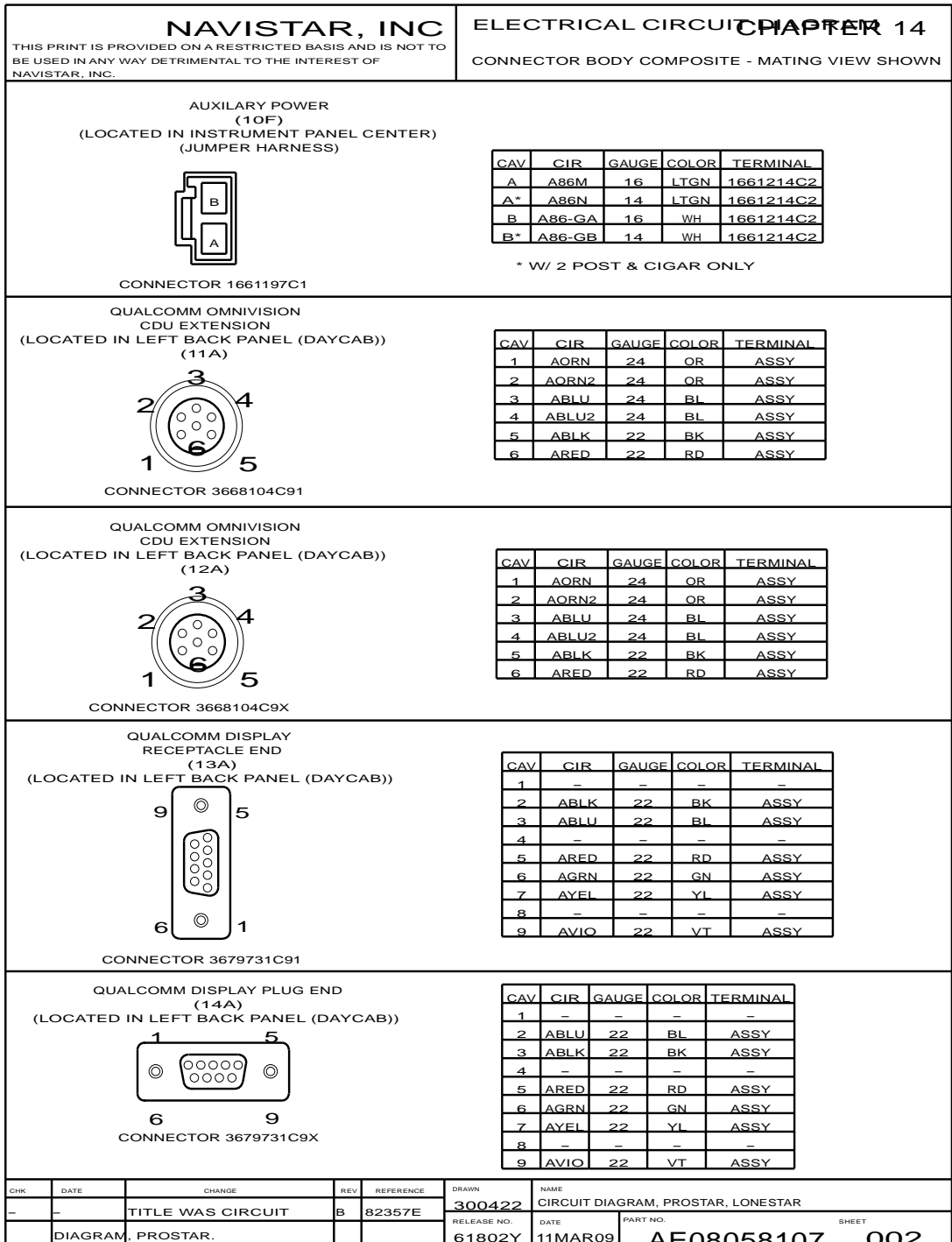


Figure 422 Connector Body Composite (10F), (11A), (12A), (13A), (14A)

14.4. CONNECTOR BODY COMPOSITE (15B), (16B), P. 2A

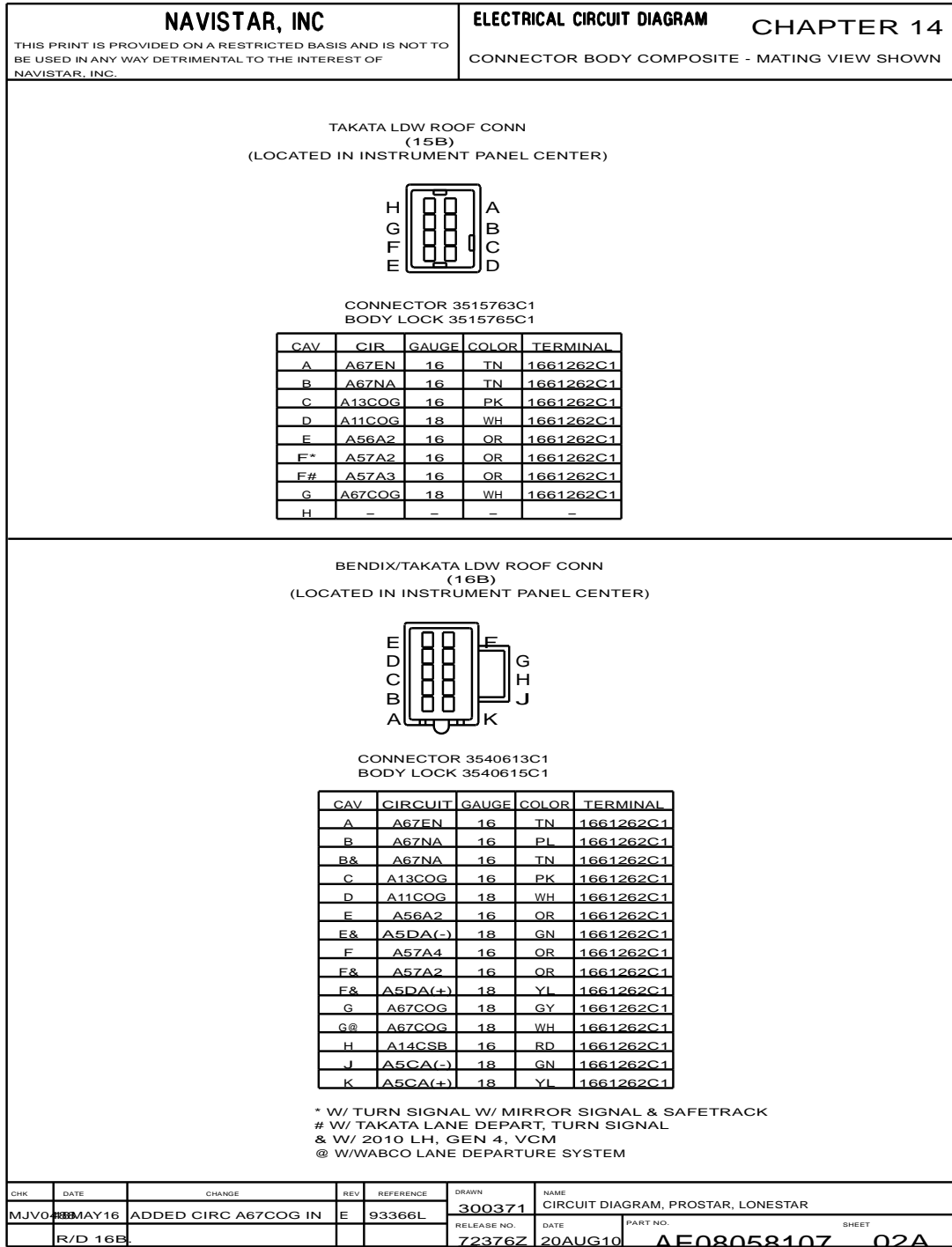


Figure 423 Connector Body Composite (15B), (16B)

14.5. CONNECTOR BODY COMPOSITE (100A), (100B), (113F1), (113M1), (166M), (344), P. 3

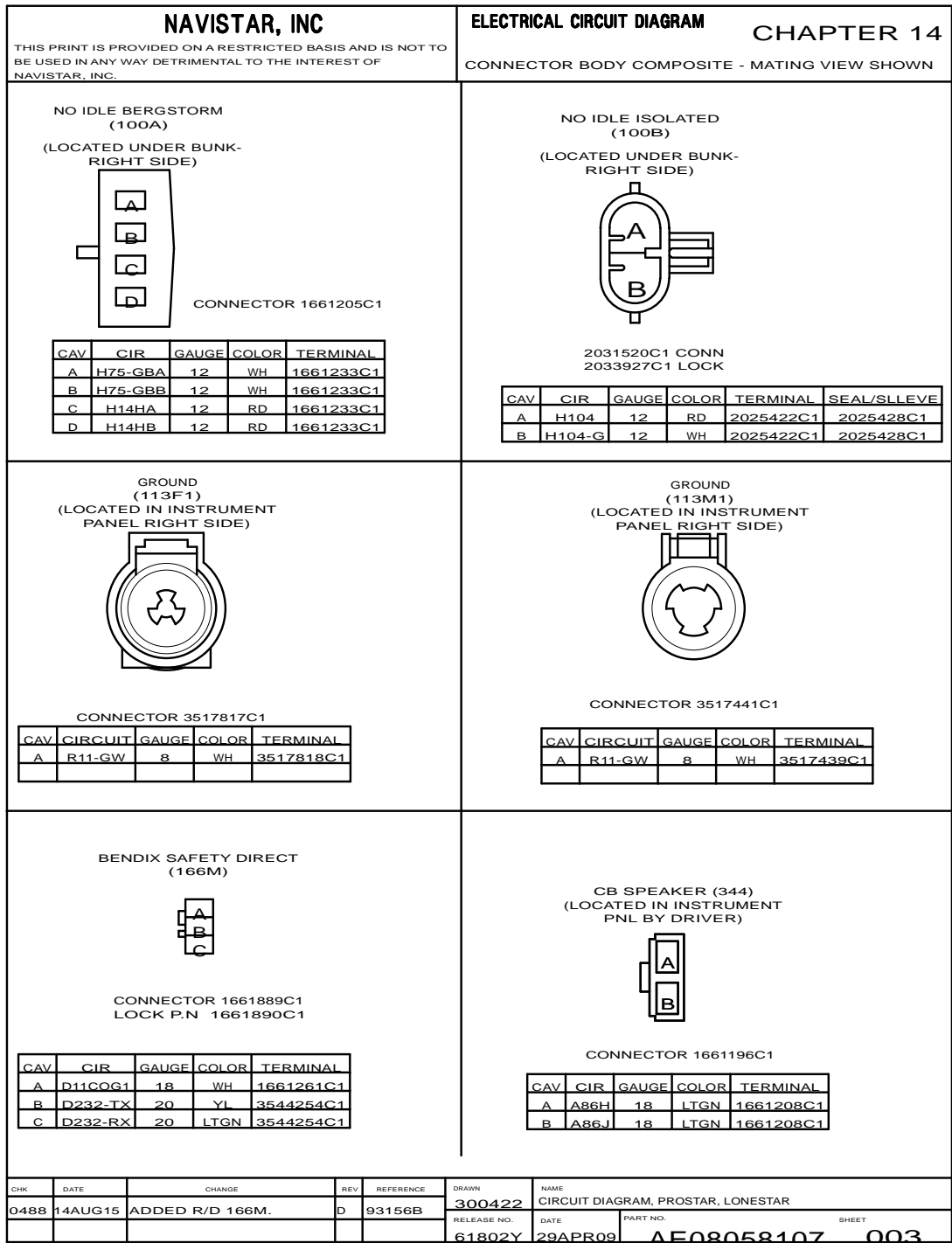


Figure 424 Connector Body Composite (100A), (100B), (113F1), (113M1), (166M), (344)

14.6. CONNECTOR BODY COMPOSITE (345), (346F), (347F), (348F), (349F), (512), P. 3A

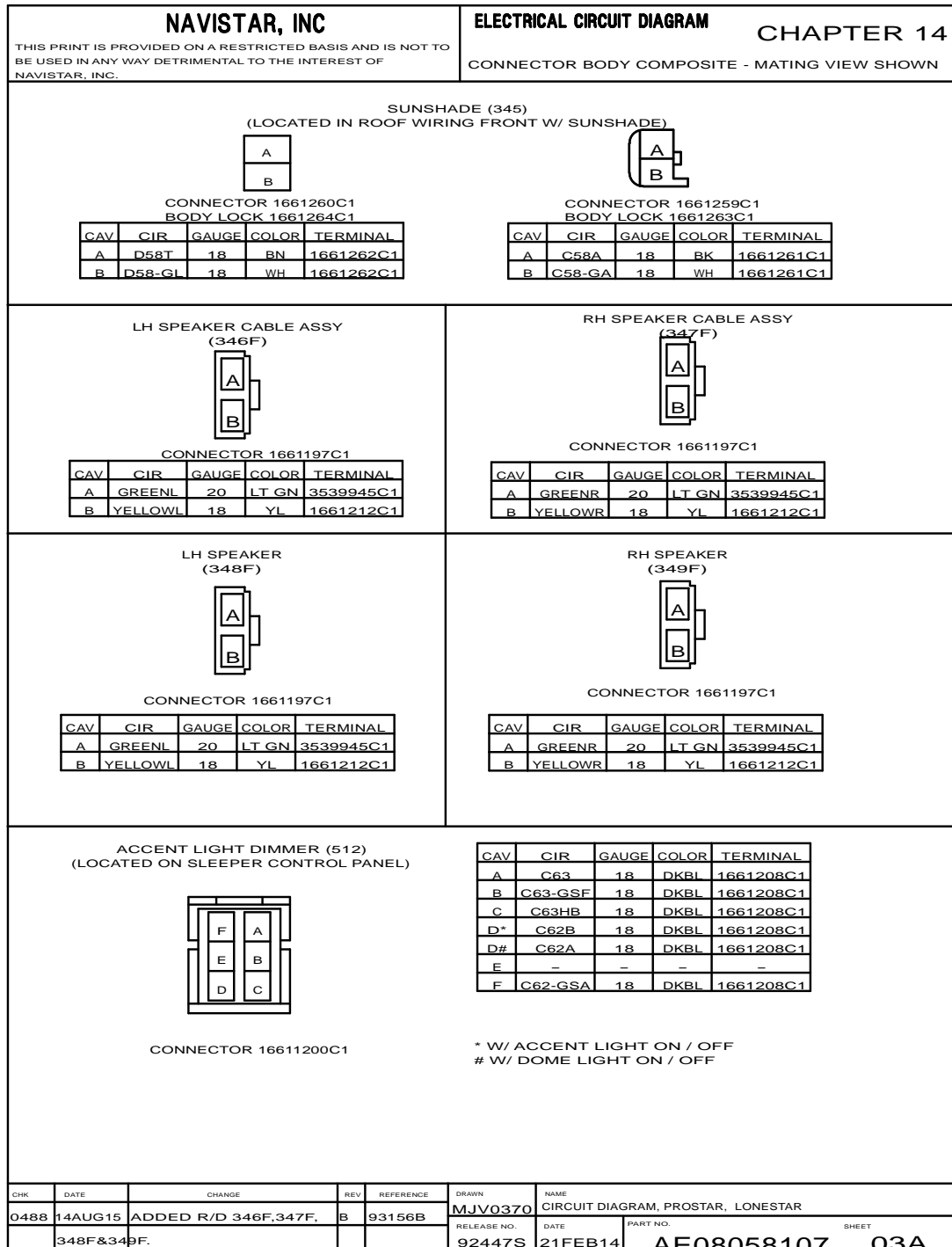


Figure 425 Connector Body Composite (345), (346F), (347F), (348F), (349F), (512)

14.7. CONNECTOR BODY COMPOSITE (608), (670), P. 4

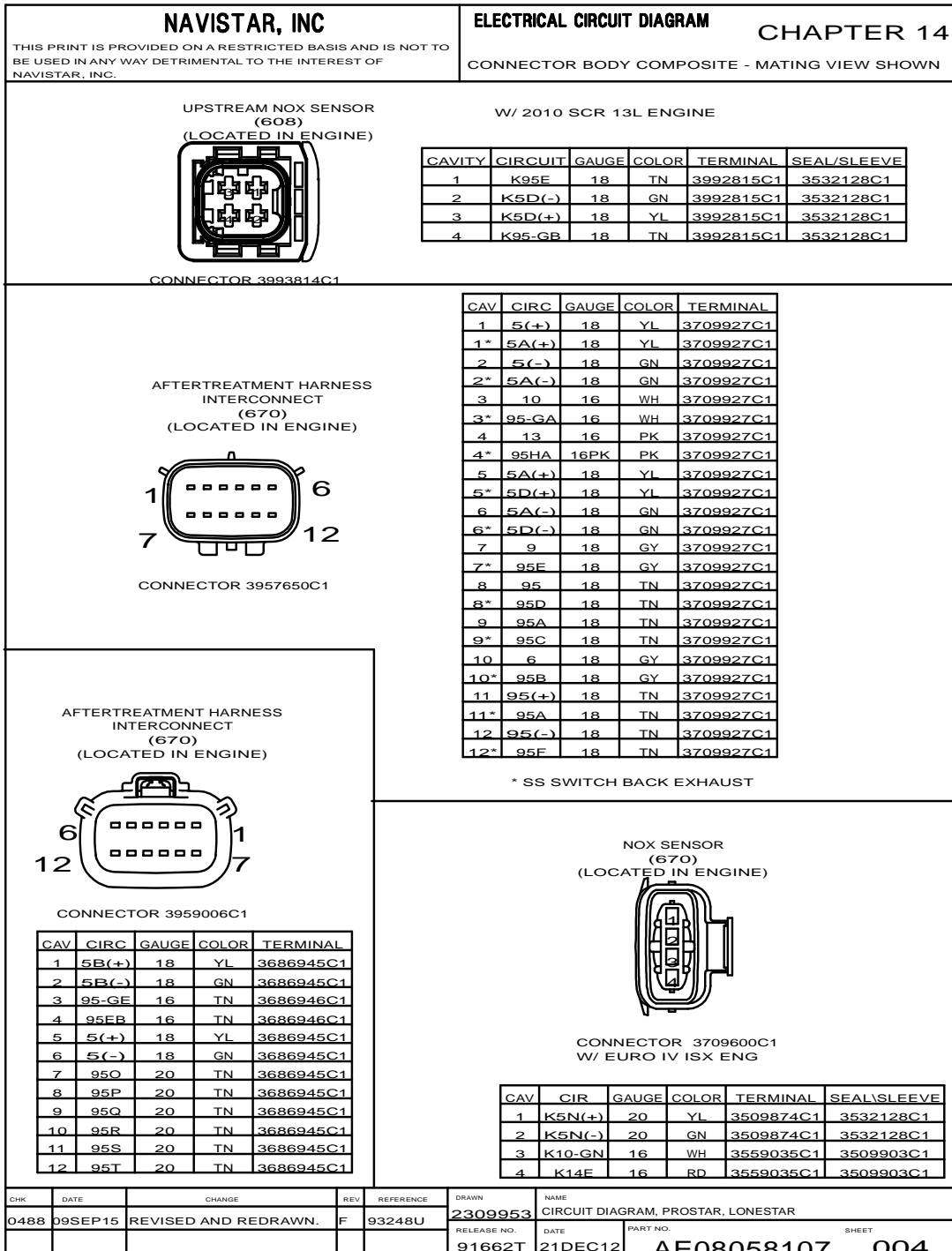


Figure 426 Connector Body Composite (608), (670)



14.8. CONNECTOR BODY COMPOSITE (670A), (670B), (670C), P. 4A

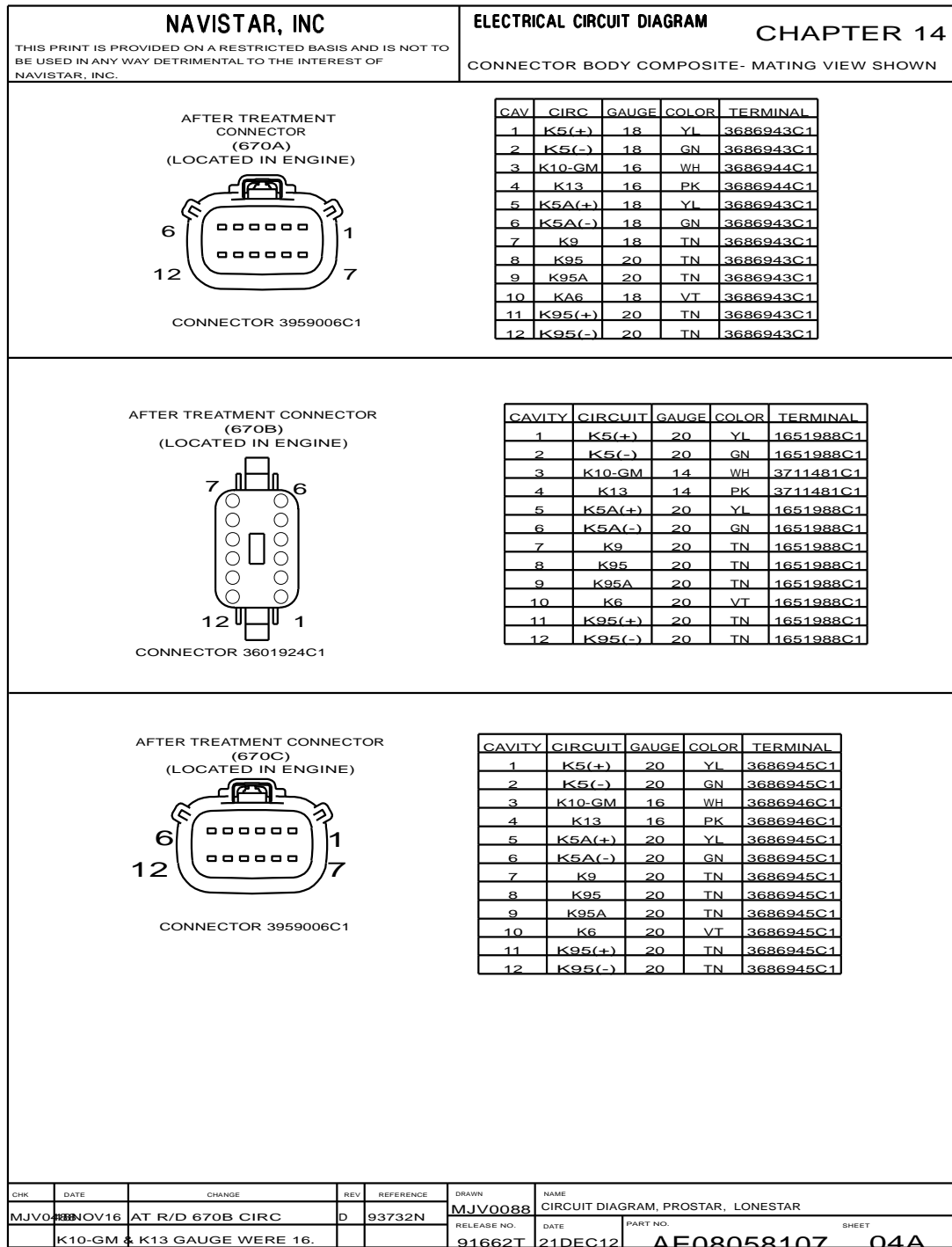


Figure 427 Connector Body Composite (670A), (670B), (670C)

14.9. CONNECTOR BODY COMPOSITE (671), (672), (673), P. 4B

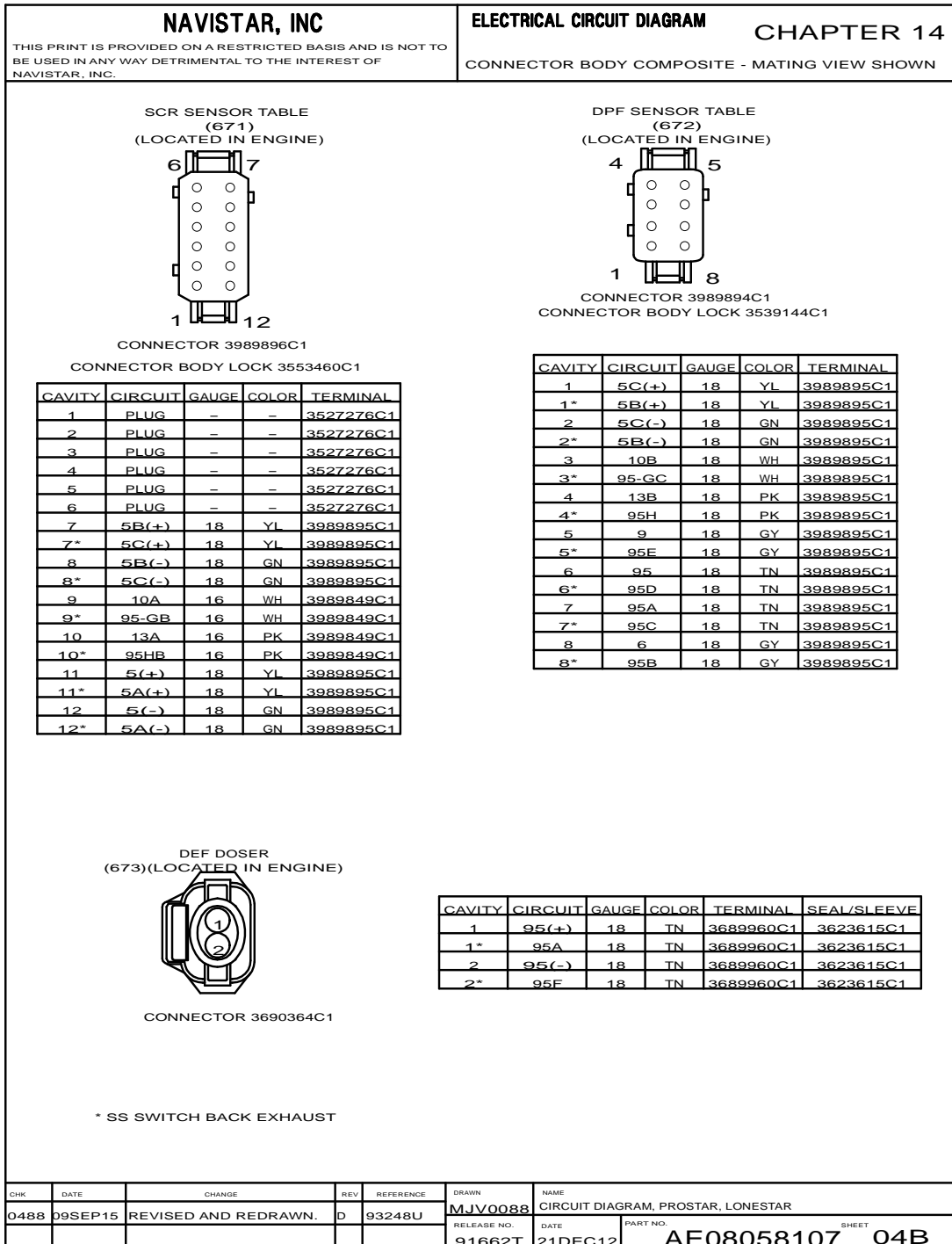


Figure 428 Connector Body Composite (671), (672), (673)

14.10. CONNECTOR BODY COMPOSITE (674), P. 4C

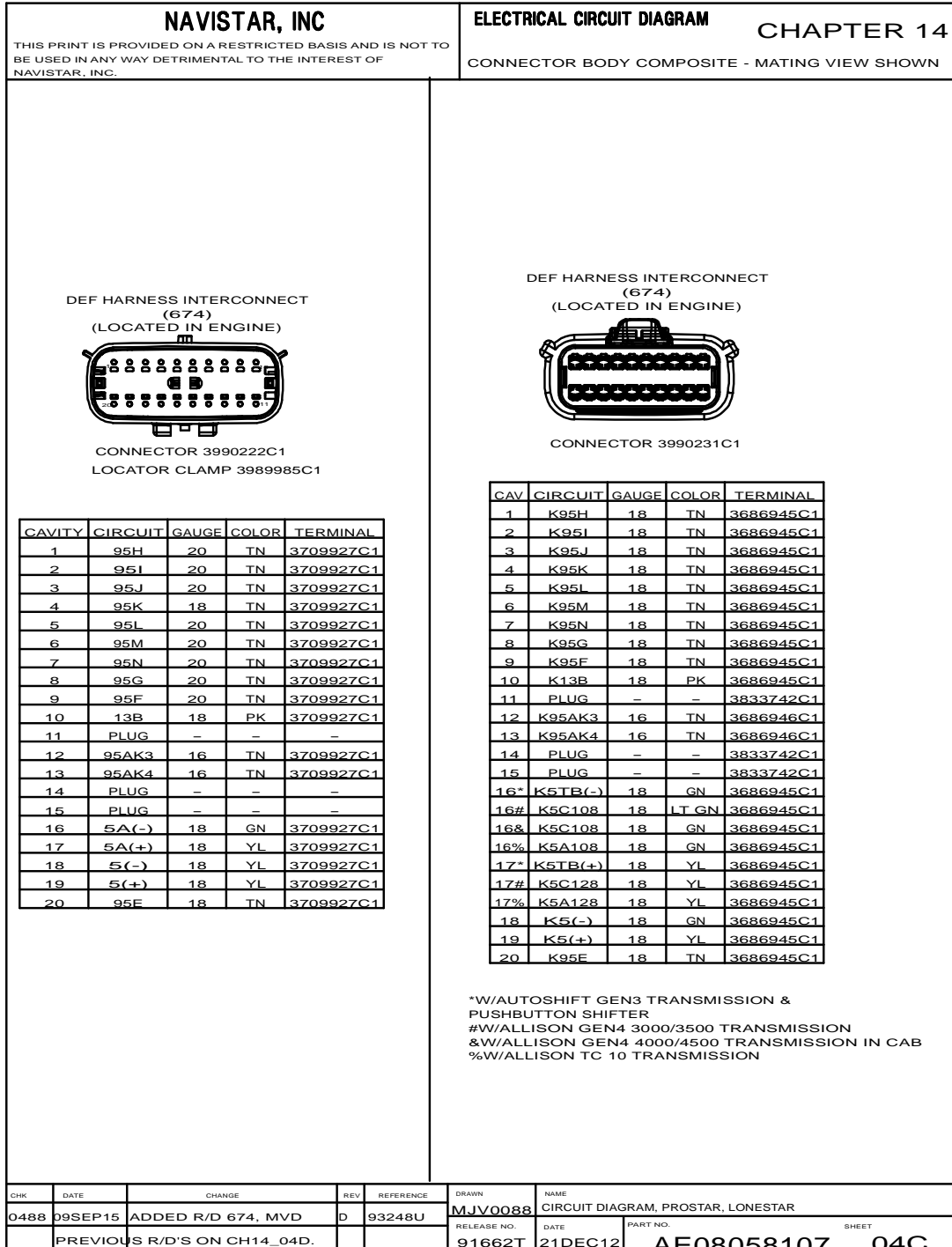


Figure 429 Connector Body Composite (674)

14.11. CONNECTOR BODY COMPOSITE (674), (674A), (674D), P. 4D

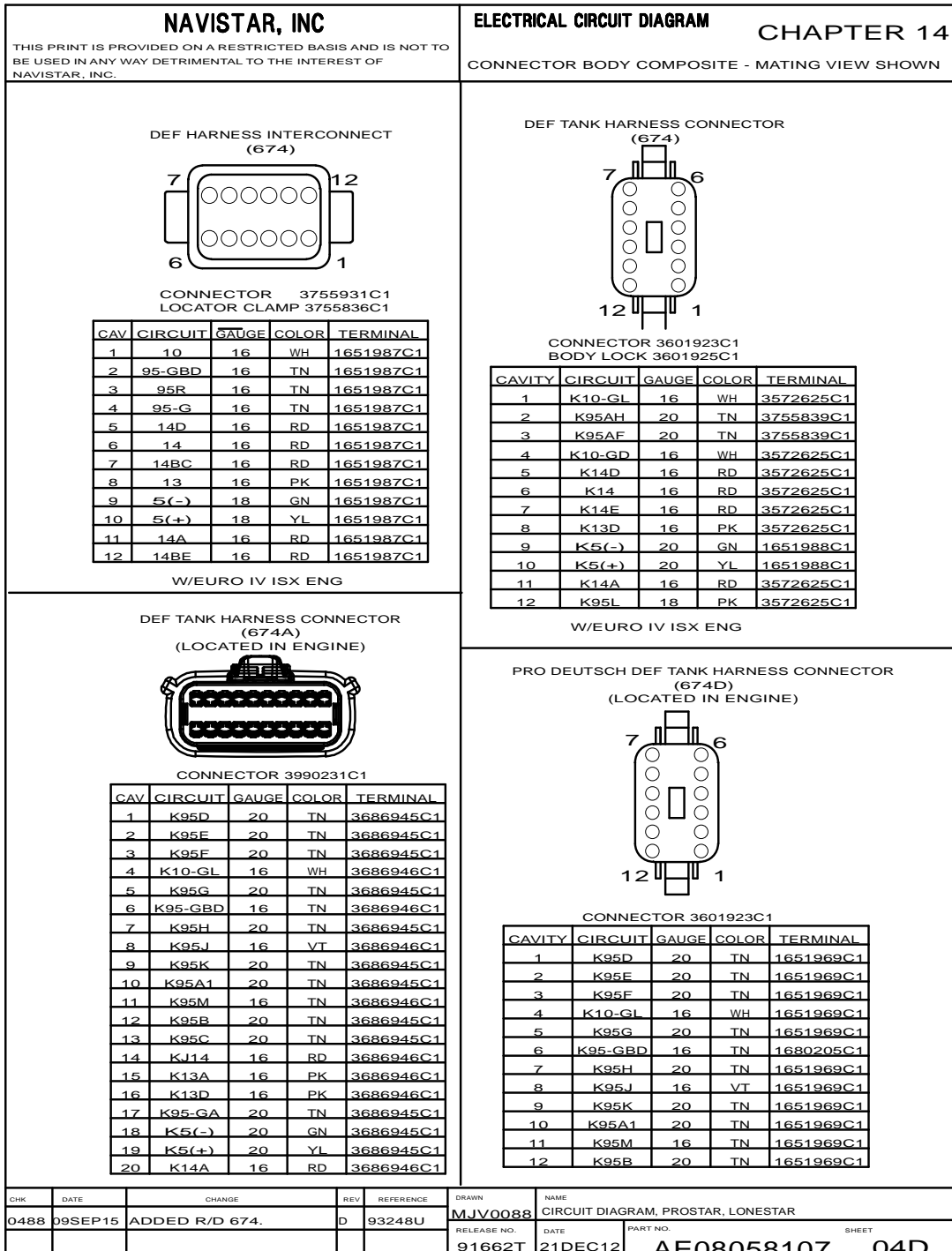


Figure 430 Connector Body Composite (674), (674A), (674D)

14.12. CONNECTOR BODY COMPOSITE (674E), (674F), (674G), P. 4E

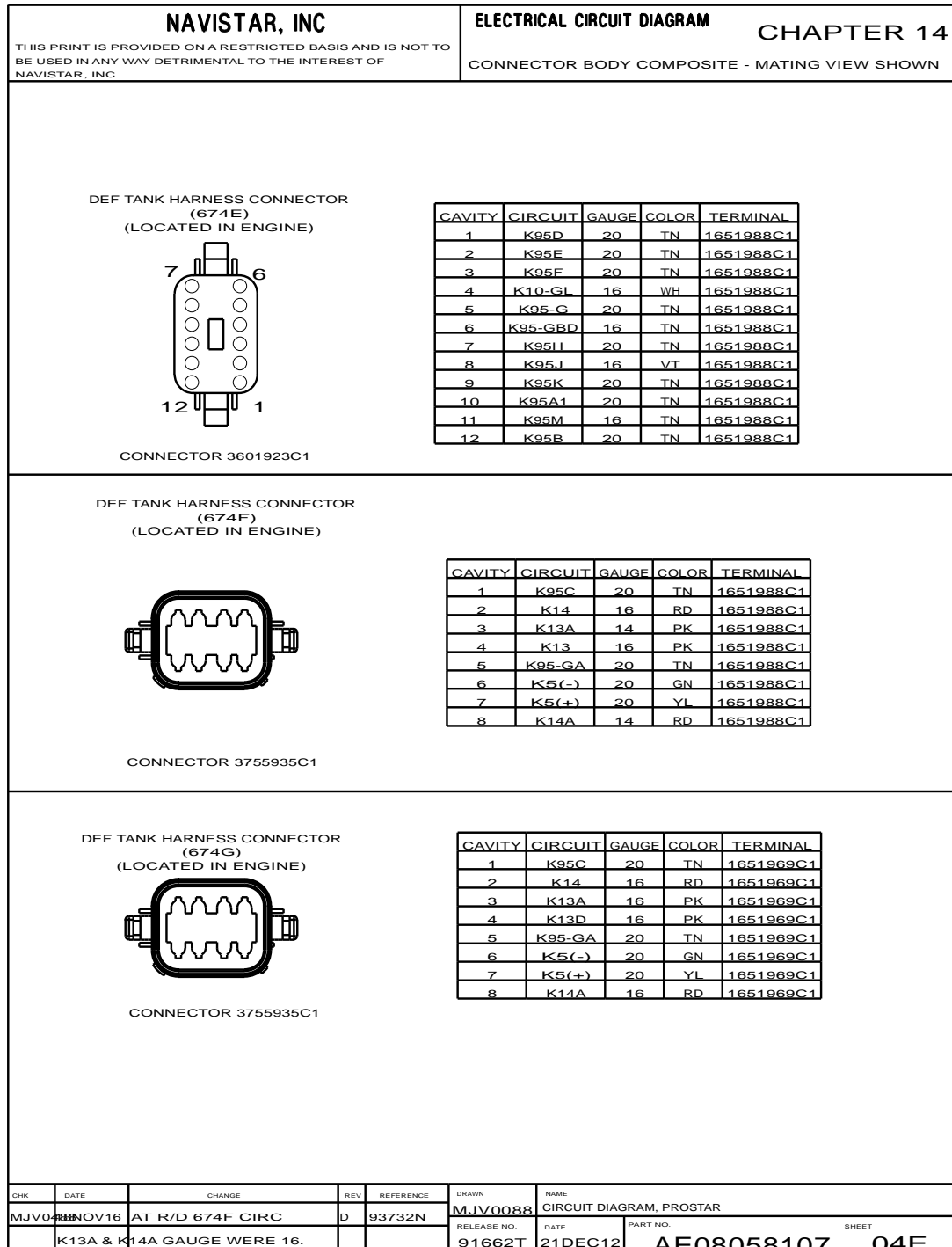


Figure 431 Connector Body Composite (674E), (674F), (674G)

14.13. CONNECTOR BODY COMPOSITE (675), (676), (677), (678), P. 4F




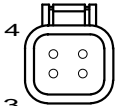
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 14</b>																																																																																													
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CONNECTOR 3854666C91						CONNECTOR 3991593C1 BODY LOCK 3545579C1																																																																																															
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0488	20MAY14	ADDED R/D 575, 566, 677 & 678.	B	92447S	MJV0088	CIRCUIT DIAGRAM, PROSTAR																																																																																															
677 & 678.		B.MDXD R/D 679.		RELEASE NO.	DATE	PART NO.	SHEET																																																																																														
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Figure 432 Connector Body Composite (675), (676), (677), (678)

14.14. CONNECTOR BODY COMPOSITE (679), P. 4G

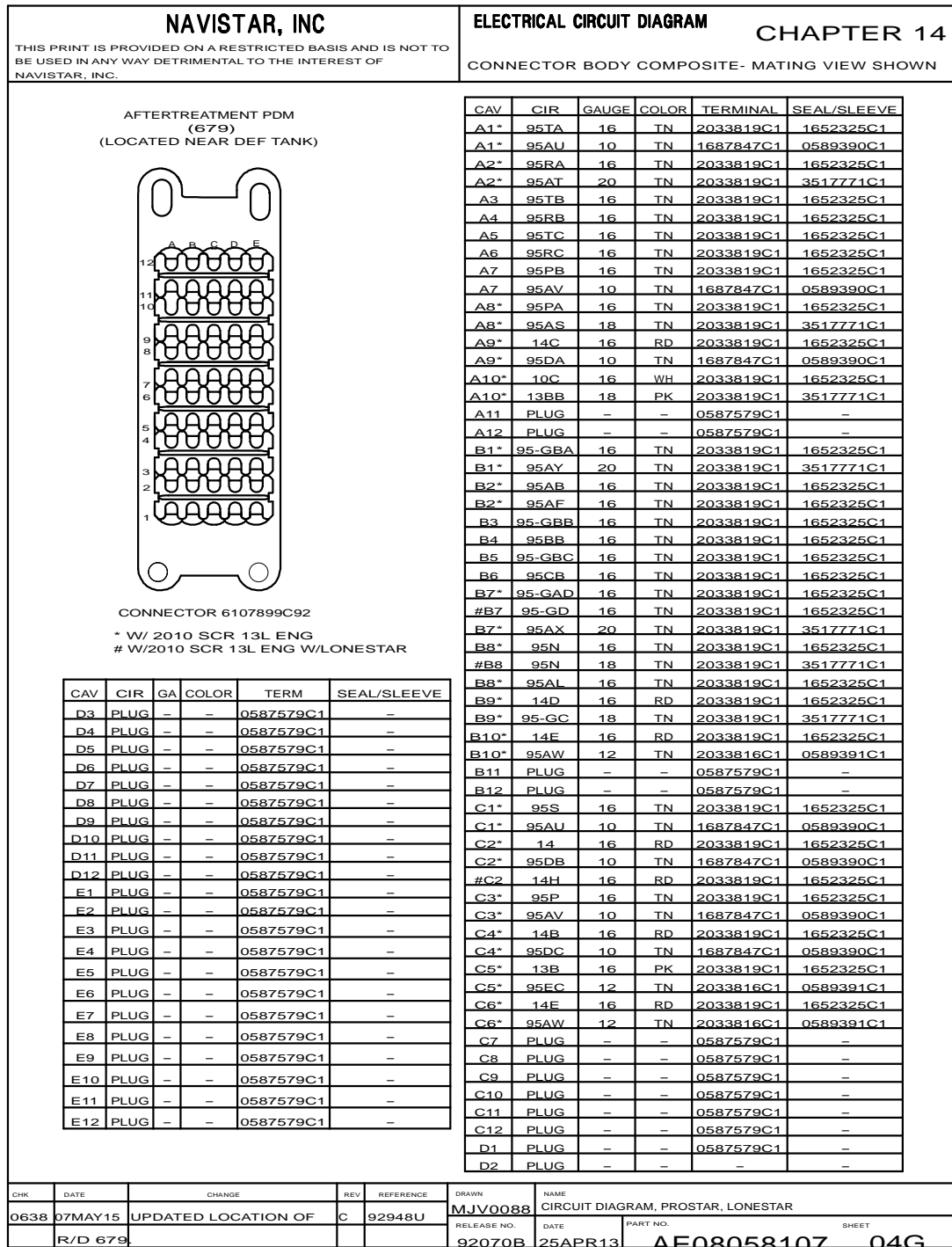


Figure 433 Connector Body Composite (679)

14.15. CONNECTOR BODY COMPOSITE (679), P. 4H

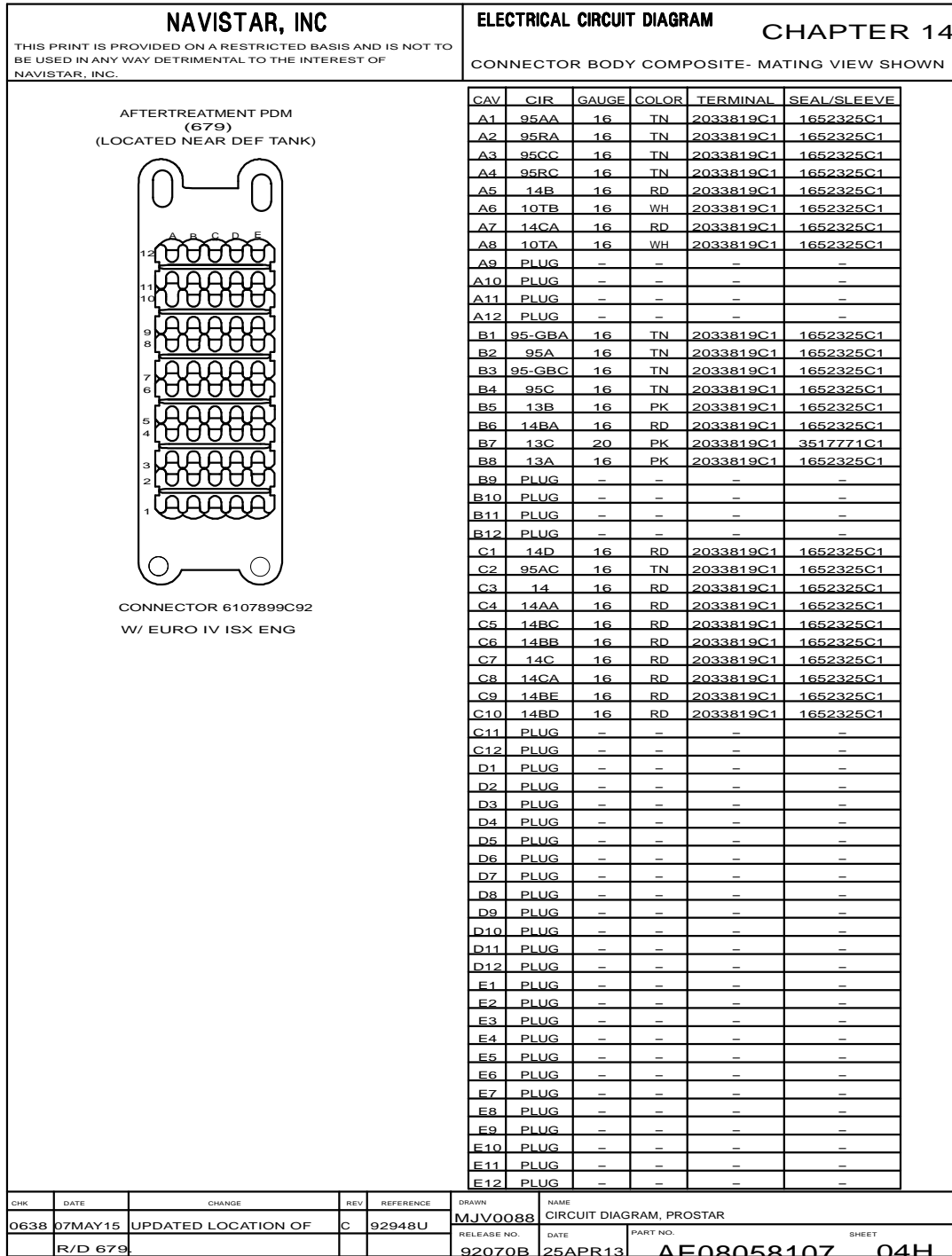


Figure 434 Connector Body Composite (679)



14.16. CONNECTOR BODY COMPOSITE (679), (680), P. 41

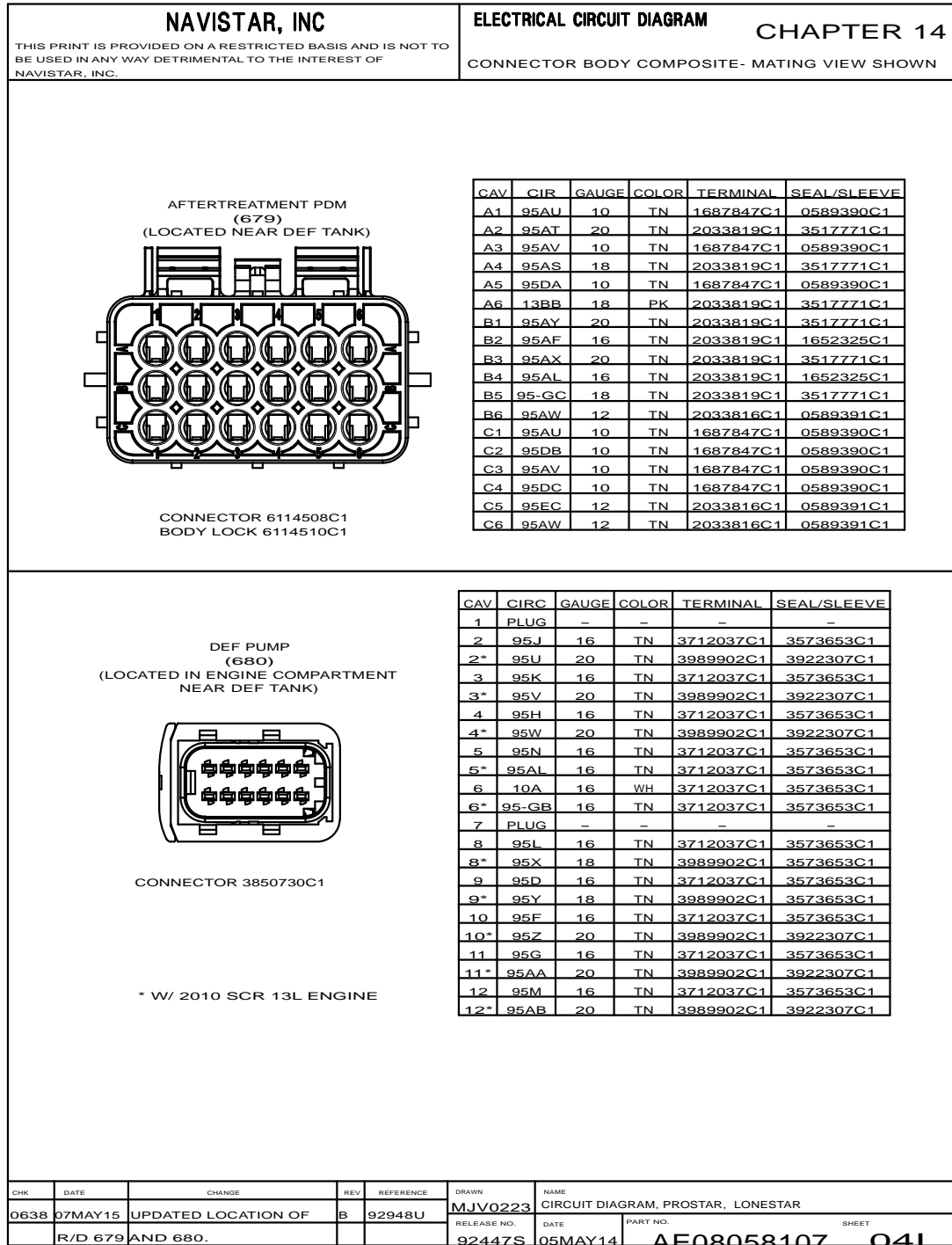


Figure 435 Connector Body Composite (679), (680)

14.17. CONNECTOR BODY COMPOSITE (680), (681), (682), P. 4J

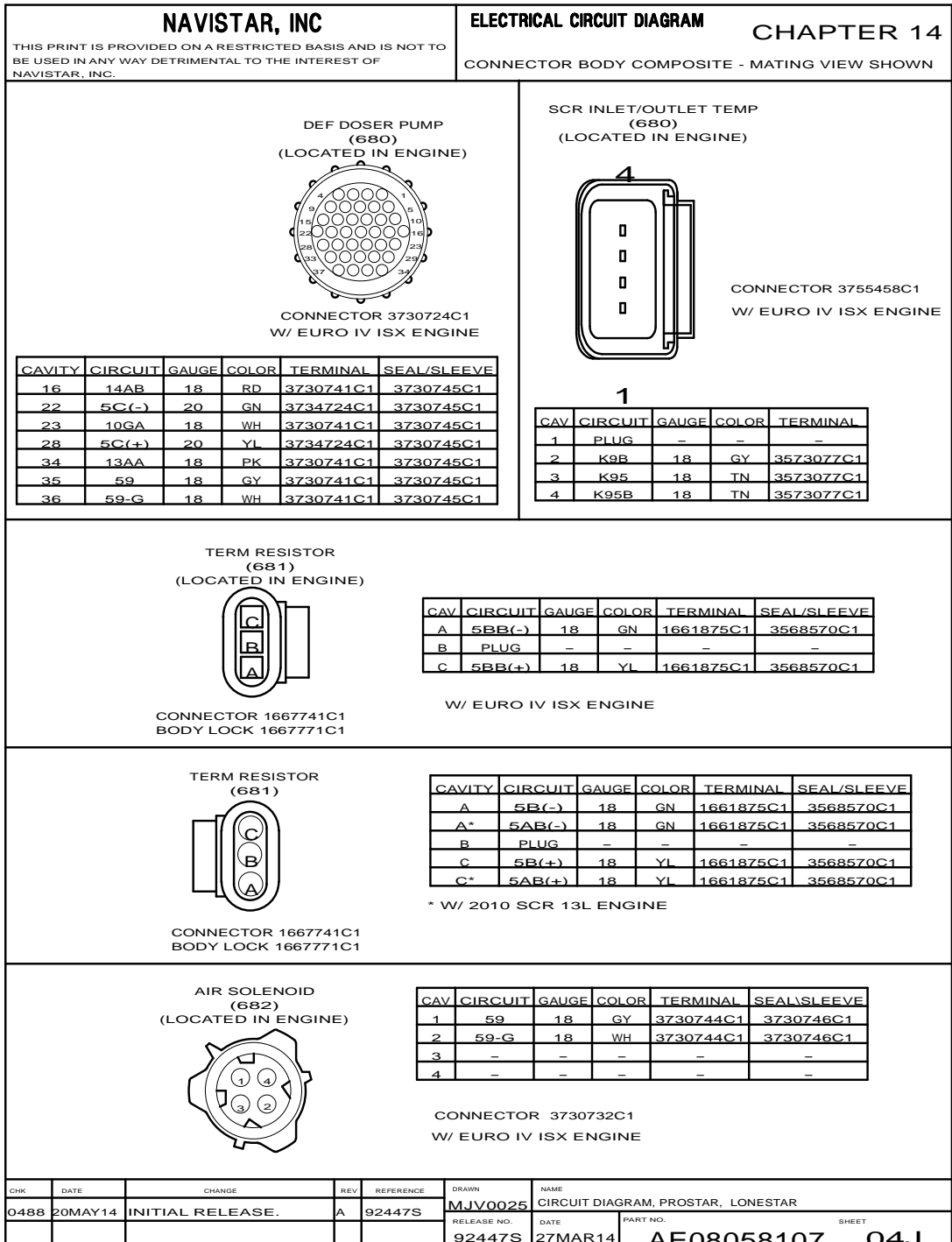


Figure 436 Connector Body Composite (680), (681), (682)

14.18. CONNECTOR BODY COMPOSITE (685), (686), P. 4K

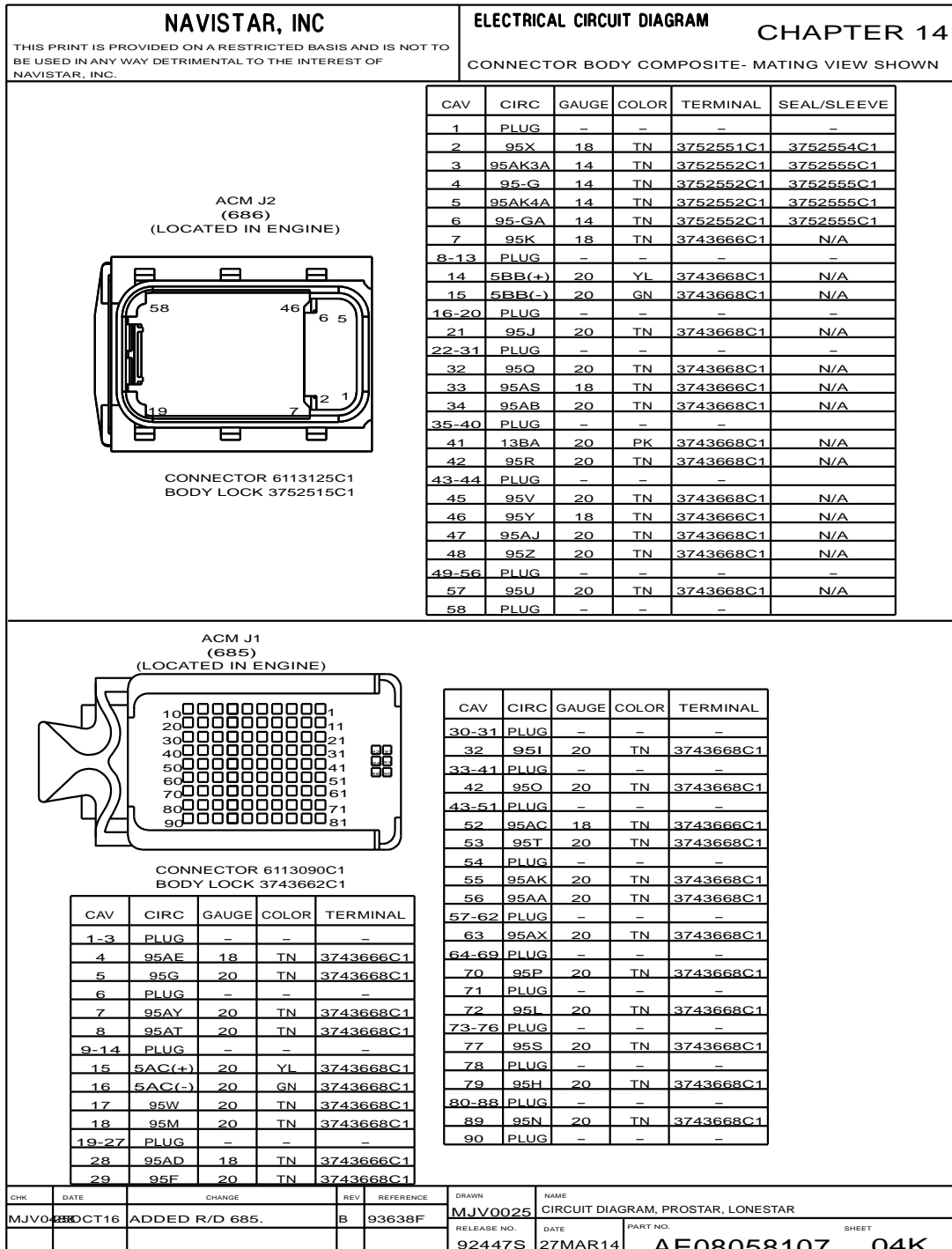


Figure 437 Connector Body Composite (686)

14.19. CONNECTOR BODY COMPOSITE (690), (691), (830M), P. 4L

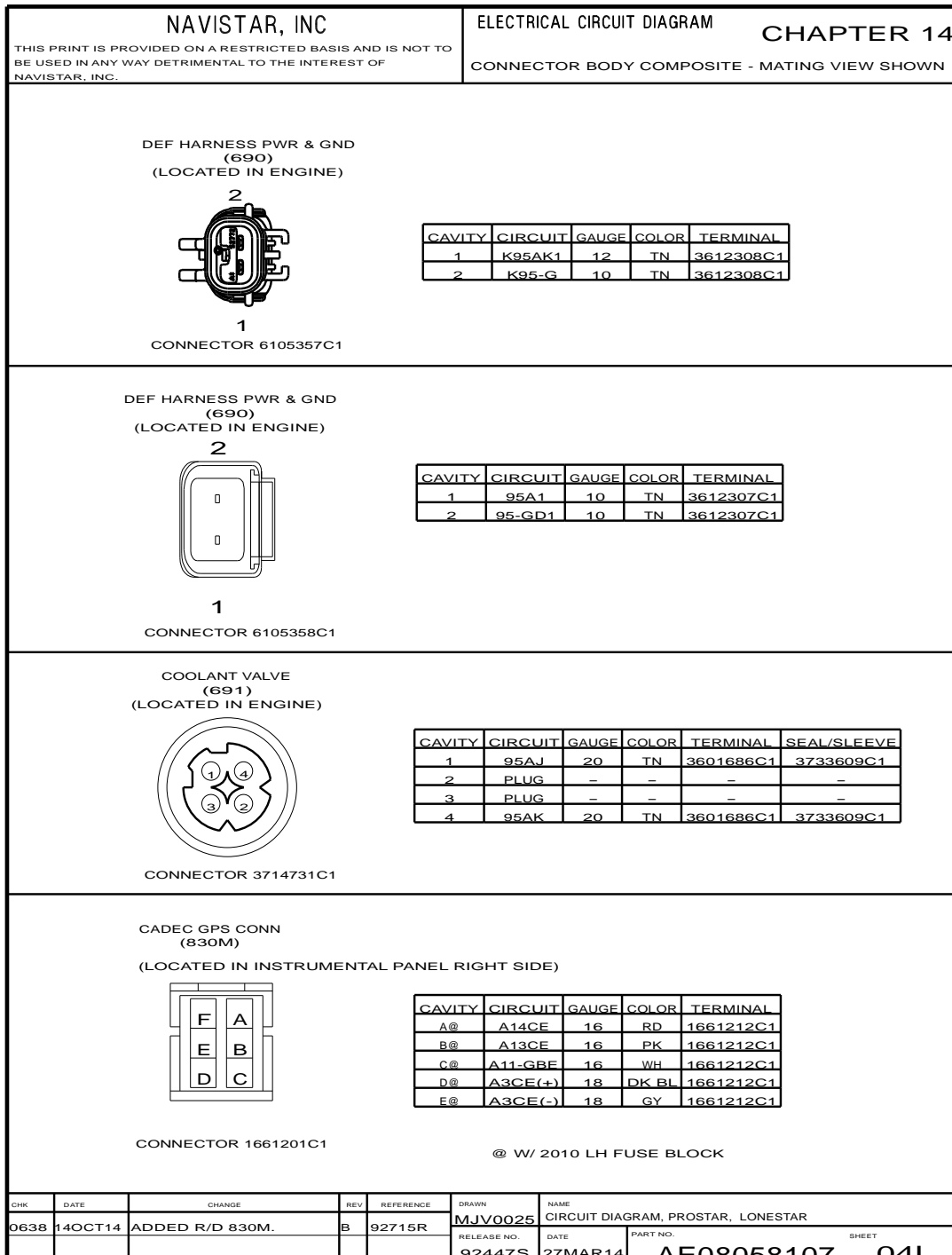


Figure 438 Connector Body Composite (690), (691), (830M)

14.20. CONNECTOR BODY COMPOSITE (1007), (1010), (1011), (1012), (1013), (1014), (1015), (1016), (1017), (1018), (1019), (1020), P. 5

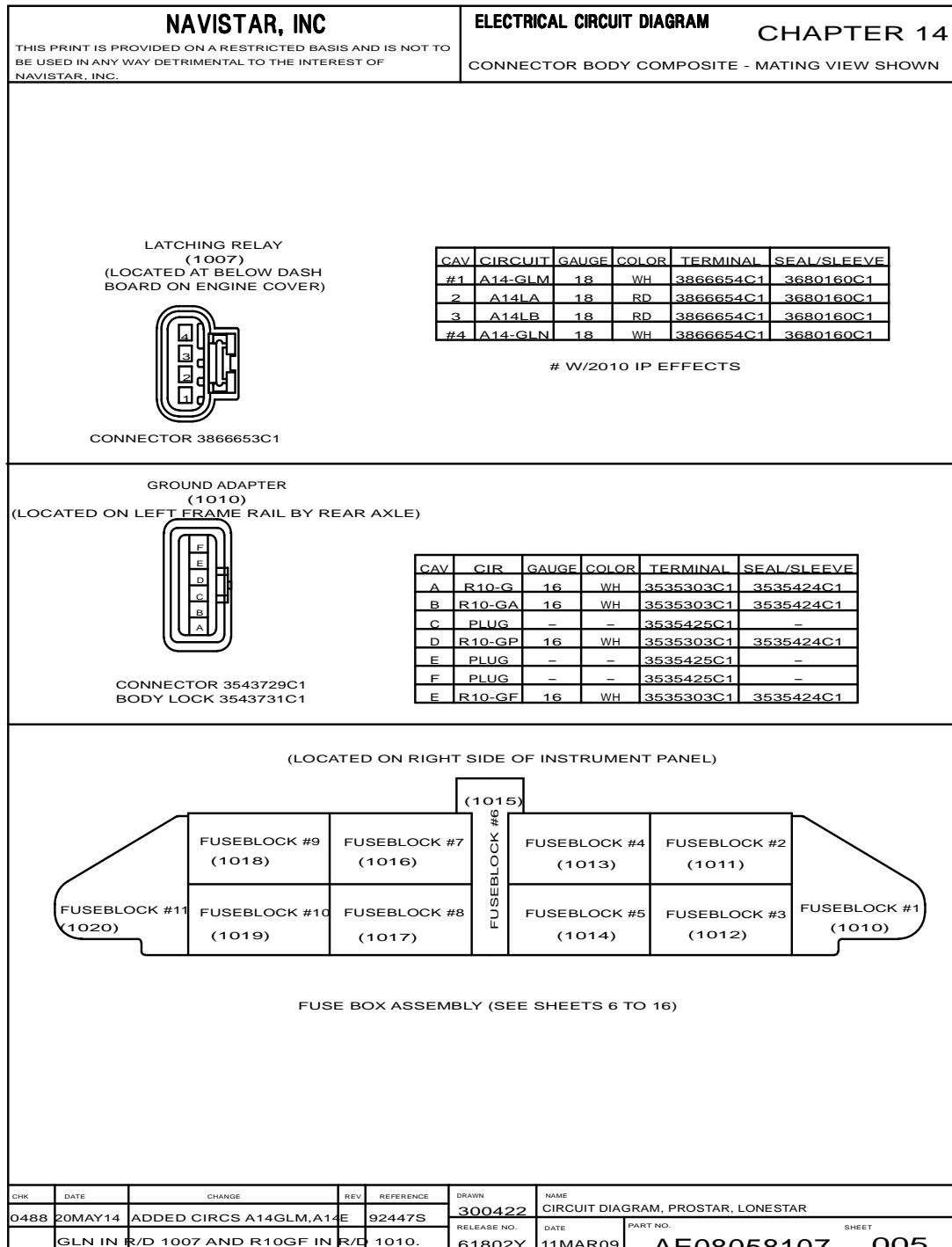


Figure 439 Connector Body Composite (1007), (1010), (1011), (1012), (1013), (1014), (1015), (1016), (1017), (1018), (1019), (1020)

14.21. CONNECTOR BODY COMPOSITE (1010), P. 6

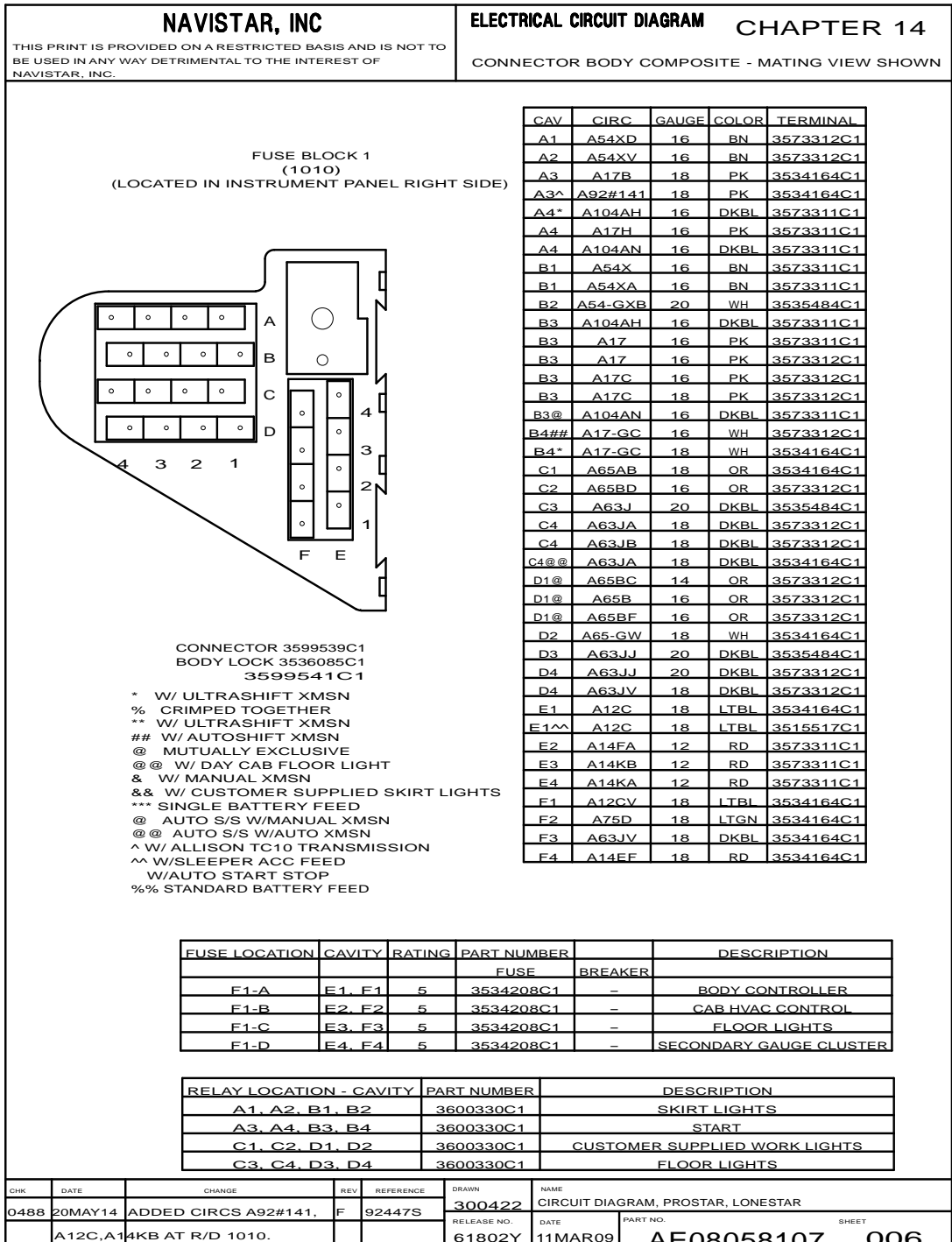


Figure 440 Connector Body Composite (1010)

14.22. CONNECTOR BODY COMPOSITE (1010), P. 6A

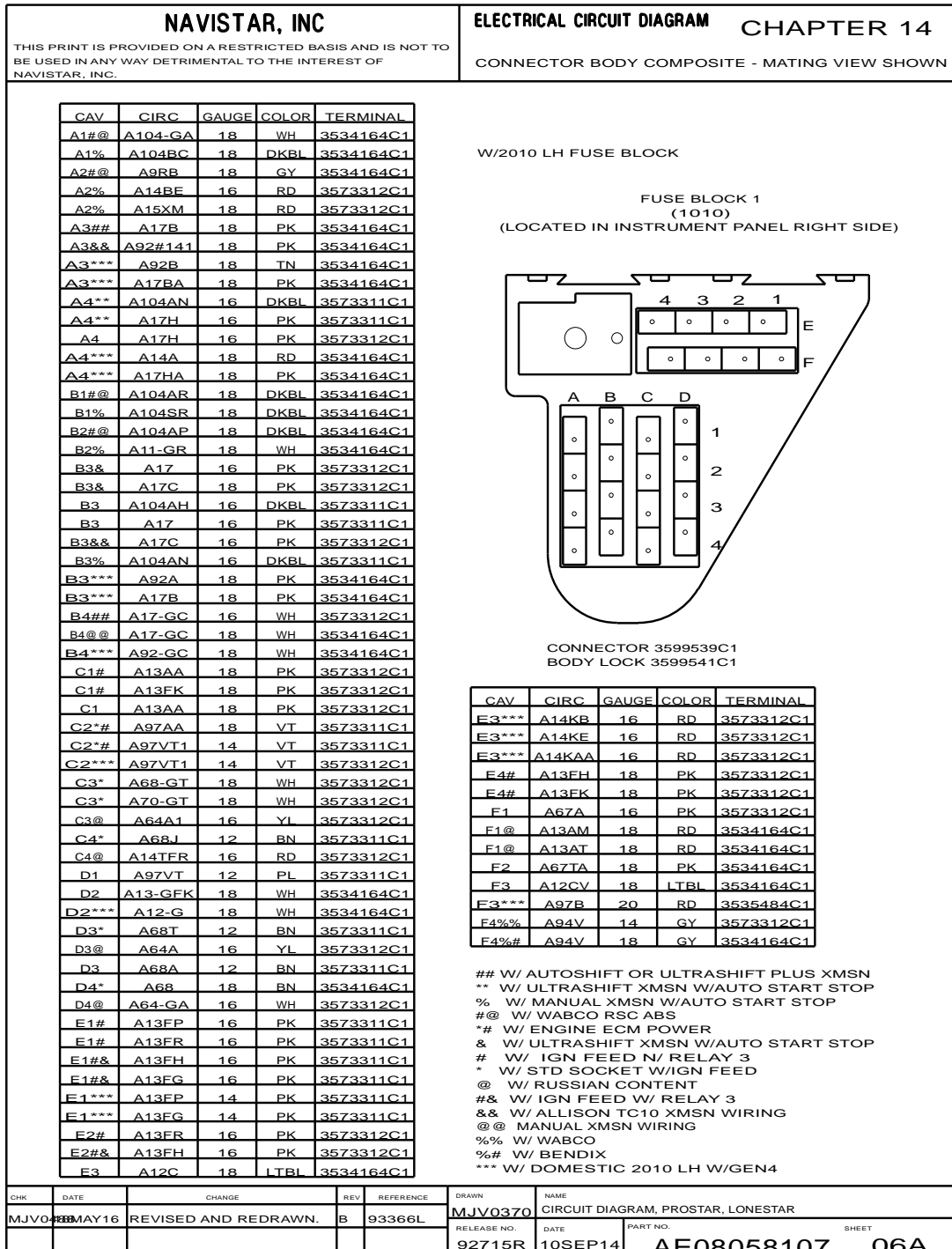


Figure 441 Connector Body Composite (1010)

14.23. CONNECTOR BODY COMPOSITE (1011), P. 7

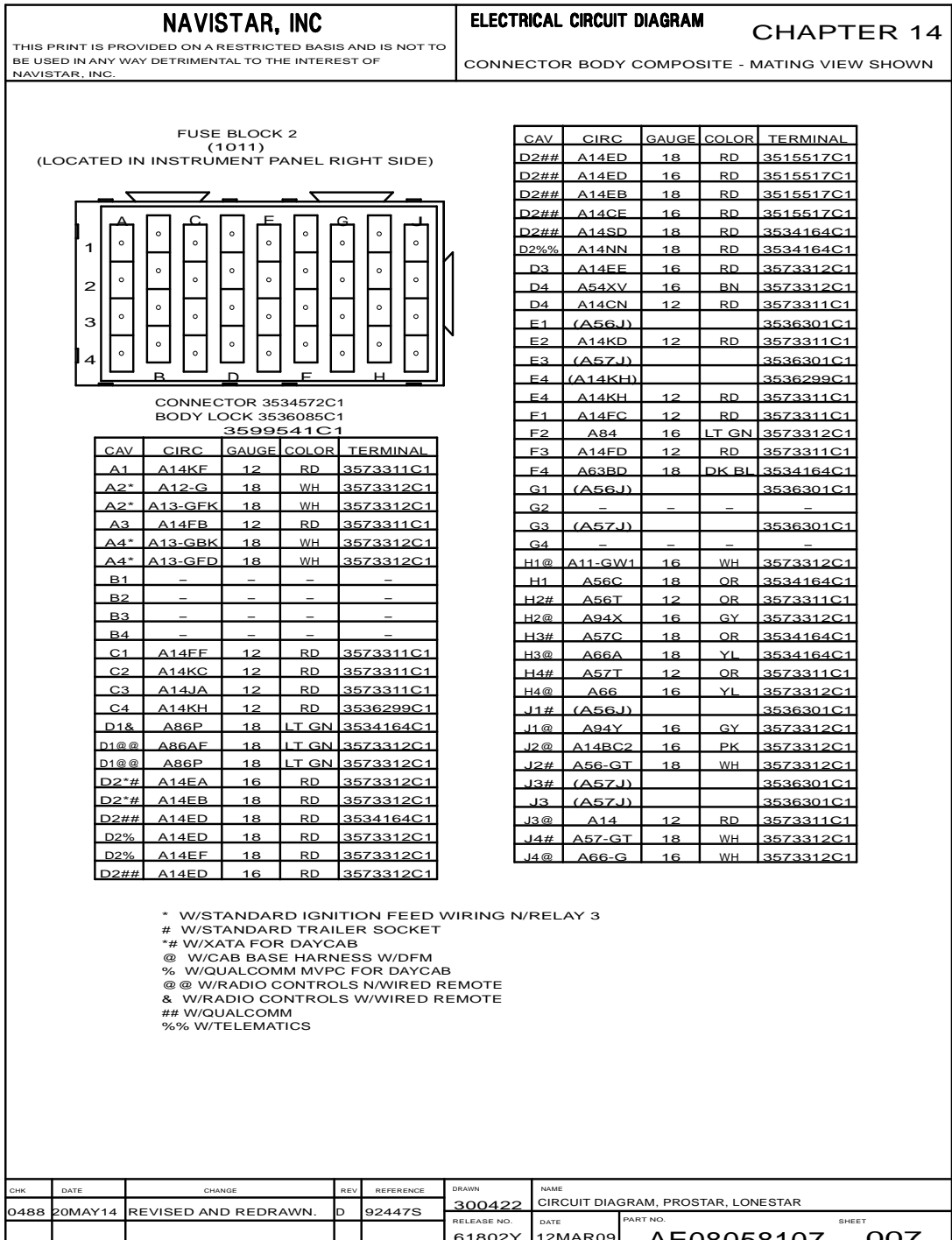


Figure 442 Connector Body Composite (1011)



14.24. CONNECTOR BODY COMPOSITE (1011), P. 7A

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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">FUSE LOCATION</th> <th rowspan="2">CAVITY</th> <th rowspan="2">RATING</th> <th colspan="2">PART NUMBER</th> <th rowspan="2">DESCRIPTION</th> </tr> <tr> <th>FUSE</th> <th>BREAKER</th> </tr> </thead> <tbody> <tr> <td>F2-A</td> <td>E1, F1</td> <td>15</td> <td>3534210C1</td> <td>3536179C1</td> <td>TRAILER LEFT TURN</td> </tr> <tr> <td>F2-B</td> <td>E2, F2</td> <td>15</td> <td>3534210C1</td> <td>3536179C1</td> <td>CIGAR LIGHTER</td> </tr> <tr> <td>F2-C</td> <td>E3, F3</td> <td>15</td> <td>3534210C1</td> <td>3536179C1</td> <td>TRAILER RIGHT TURN</td> </tr> <tr> <td>F2-D</td> <td>E4, F4</td> <td>10</td> <td>3534209C1</td> <td>3536178C1</td> <td>CAB DOME / MAP LIGHTS</td> </tr> <tr> <td>F2-E</td> <td>C1, D1</td> <td>10</td> <td>3534209C1</td> <td>3536178C1</td> <td>ENTERTAINMENT RADIO MEMORY</td> </tr> <tr> <td>F2-F</td> <td>C2, D2</td> <td>10</td> <td>3534209C1</td> <td>3536178C1</td> <td>SATELLITE COMMUNICATION</td> </tr> <tr> <td>F2-G</td> <td>C3, D3</td> <td>15</td> <td>3534210C1</td> <td>3536179C1</td> <td>INSTRUMENT CLUSTER</td> </tr> <tr> <td>F2-H</td> <td>C4, D4</td> <td>10</td> <td>3534209C1</td> <td>3536178C1</td> <td>SKIRT LIGHT</td> </tr> </tbody> </table>						FUSE LOCATION	CAVITY	RATING	PART NUMBER		DESCRIPTION	FUSE	BREAKER	F2-A	E1, F1	15	3534210C1	3536179C1	TRAILER LEFT TURN	F2-B	E2, F2	15	3534210C1	3536179C1	CIGAR LIGHTER	F2-C	E3, F3	15	3534210C1	3536179C1	TRAILER RIGHT TURN	F2-D	E4, F4	10	3534209C1	3536178C1	CAB DOME / MAP LIGHTS	F2-E	C1, D1	10	3534209C1	3536178C1	ENTERTAINMENT RADIO MEMORY	F2-F	C2, D2	10	3534209C1	3536178C1	SATELLITE COMMUNICATION	F2-G	C3, D3	15	3534210C1	3536179C1	INSTRUMENT CLUSTER	F2-H	C4, D4	10	3534209C1	3536178C1	SKIRT LIGHT
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					AE08058107																																																								
					SHEET																																																								
					07A																																																								

Figure 443 Connector Body Composite (1011)

14.25. CONNECTOR BODY COMPOSITE (1011), P. 7B

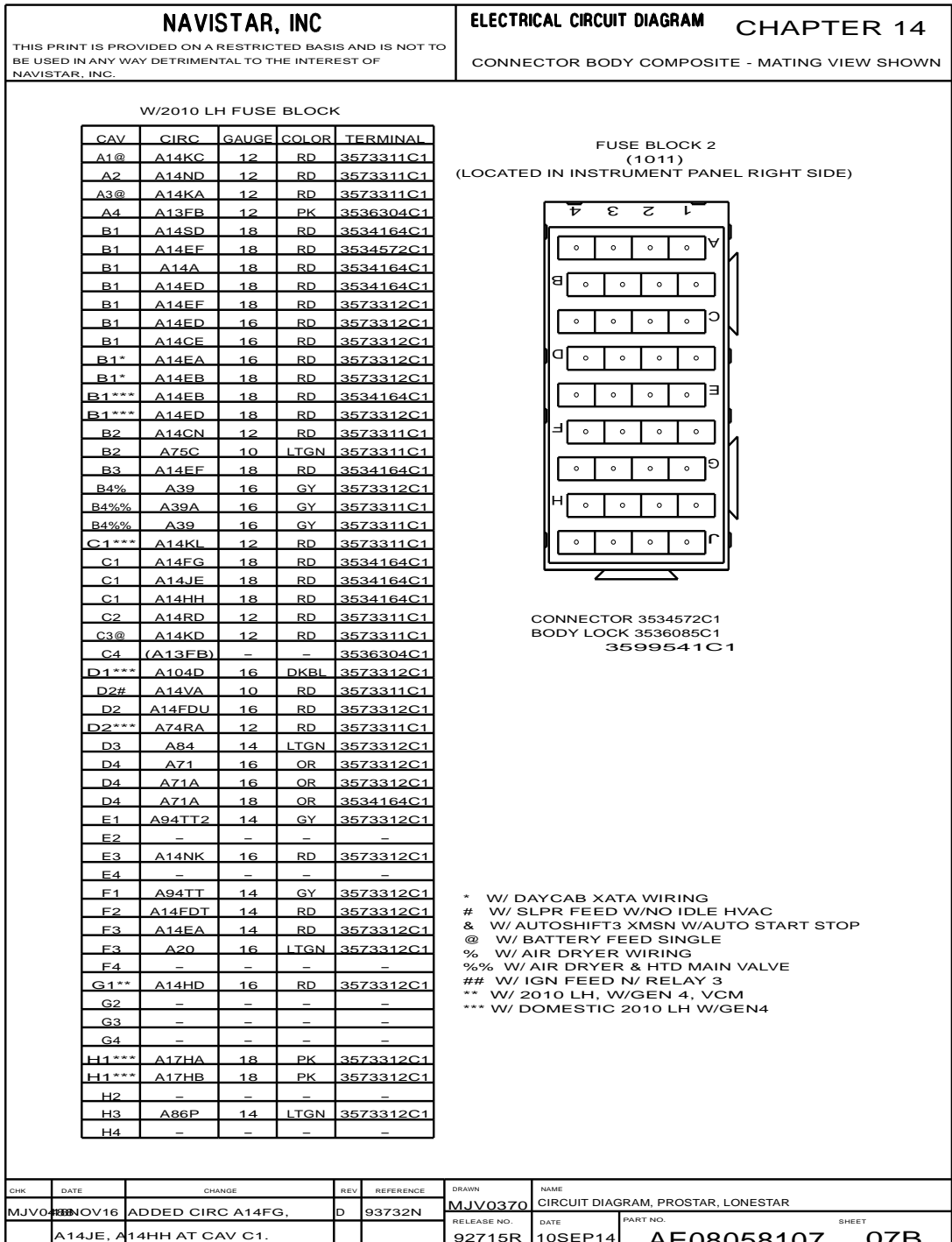


Figure 444 Connector Body Composite (1011)

14.26. CONNECTOR BODY COMPOSITE (1012), P. 8

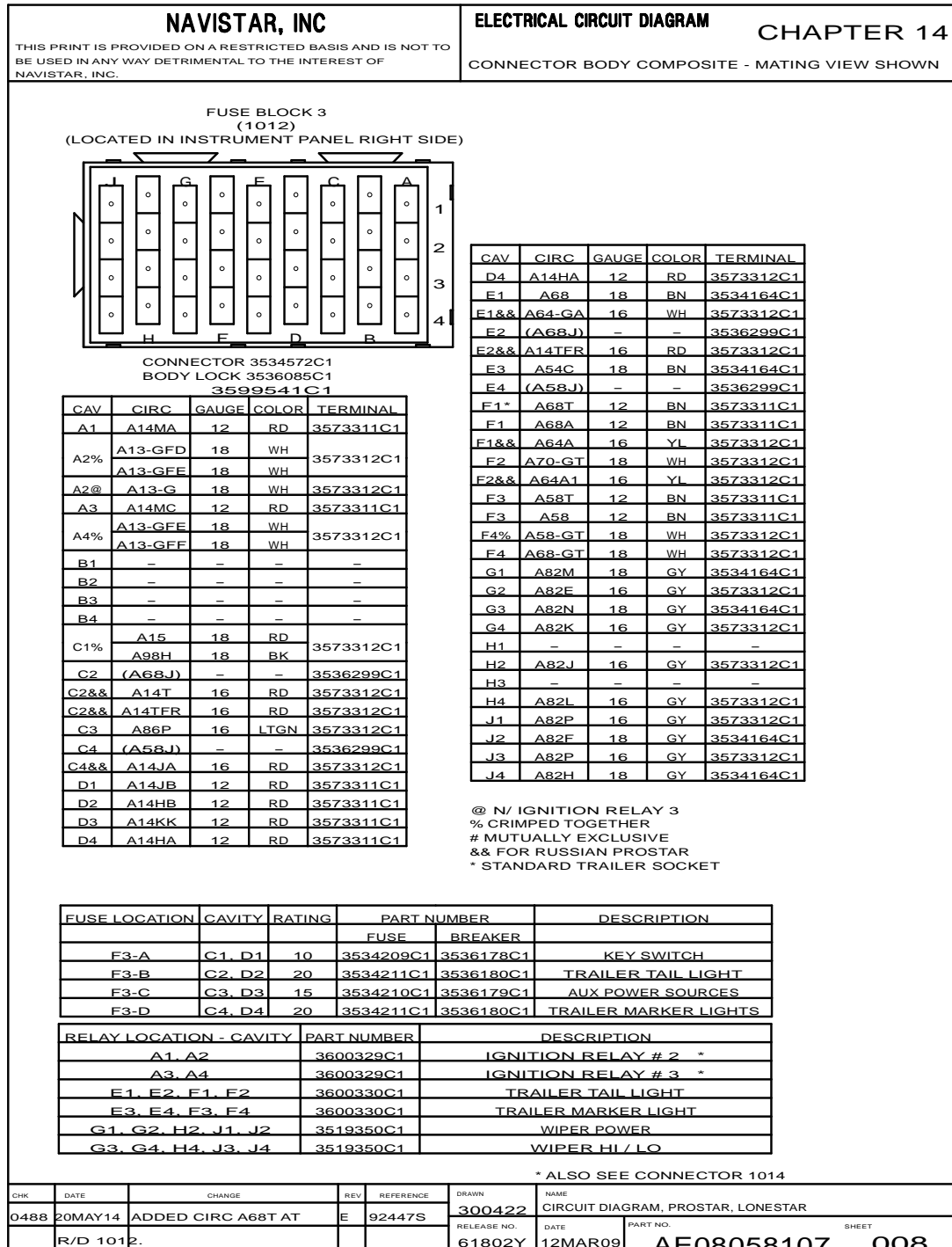


Figure 445 Connector Body Composite (1012)

14.27. CONNECTOR BODY COMPOSITE (1012), P. 8A

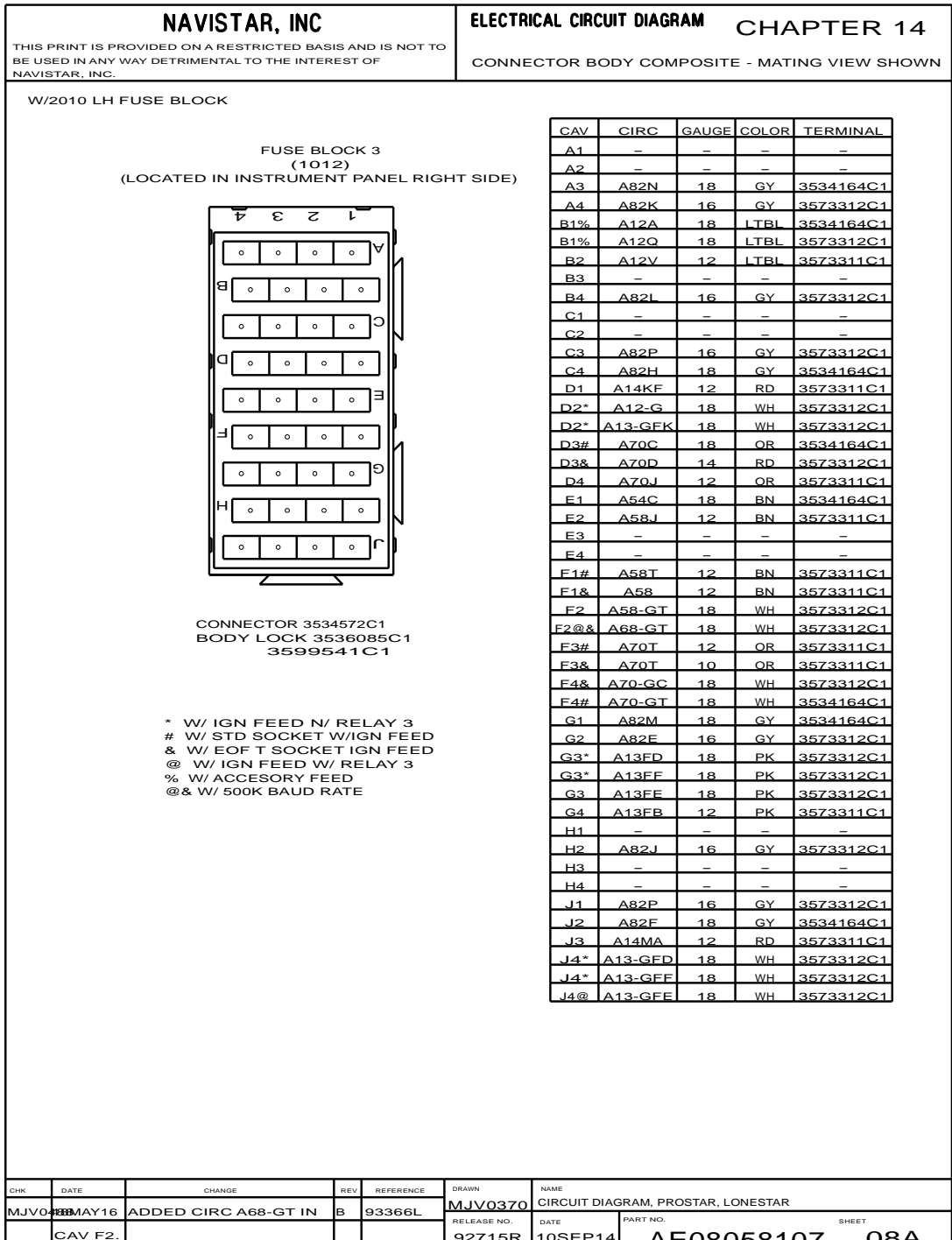


Figure 446 Connector Body Composite (1012)

14.28. CONNECTOR BODY COMPOSITE (1013), P. 9

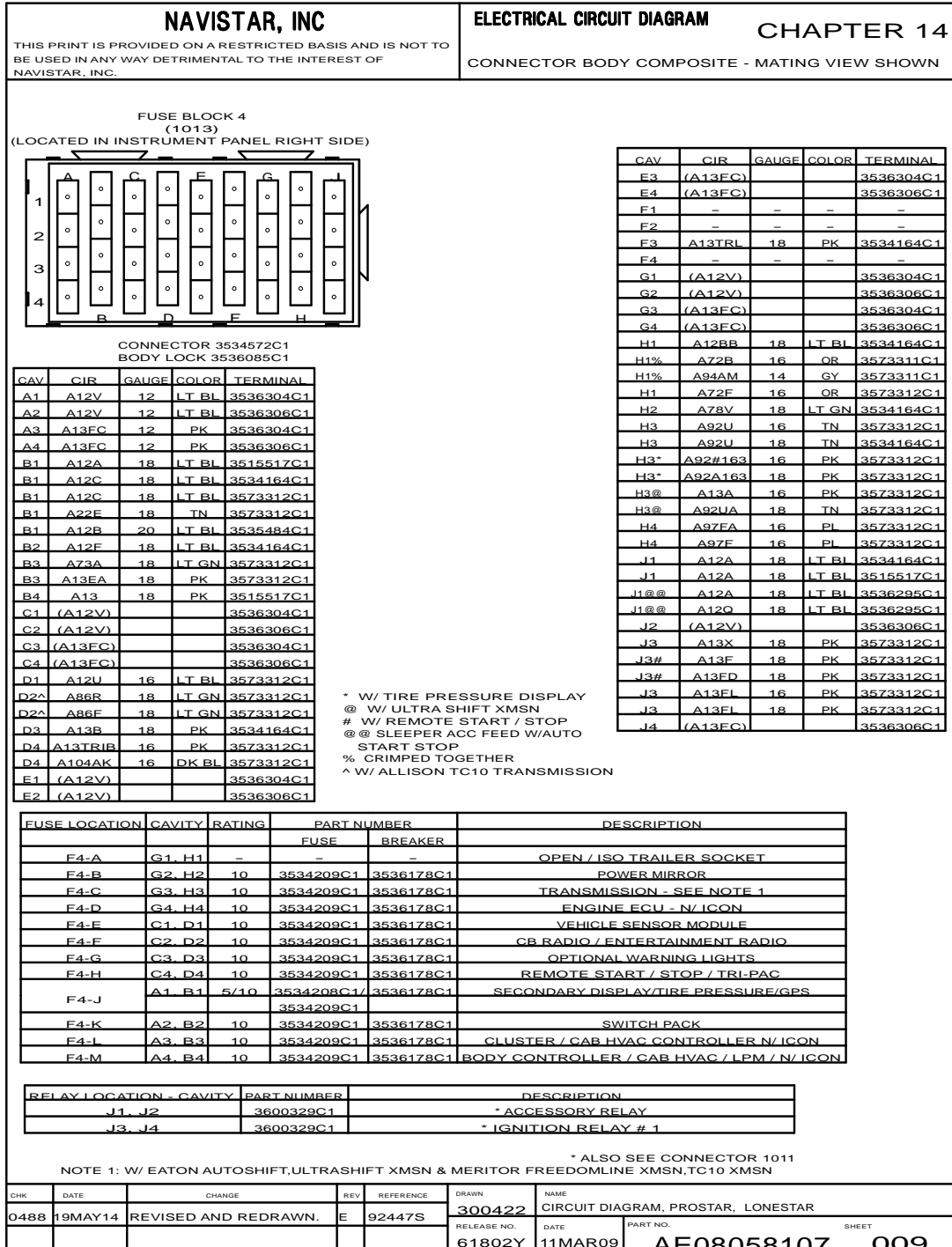


Figure 447 Connector Body Composite (1013)

14.29. CONNECTOR BODY COMPOSITE (1013), P. 9A

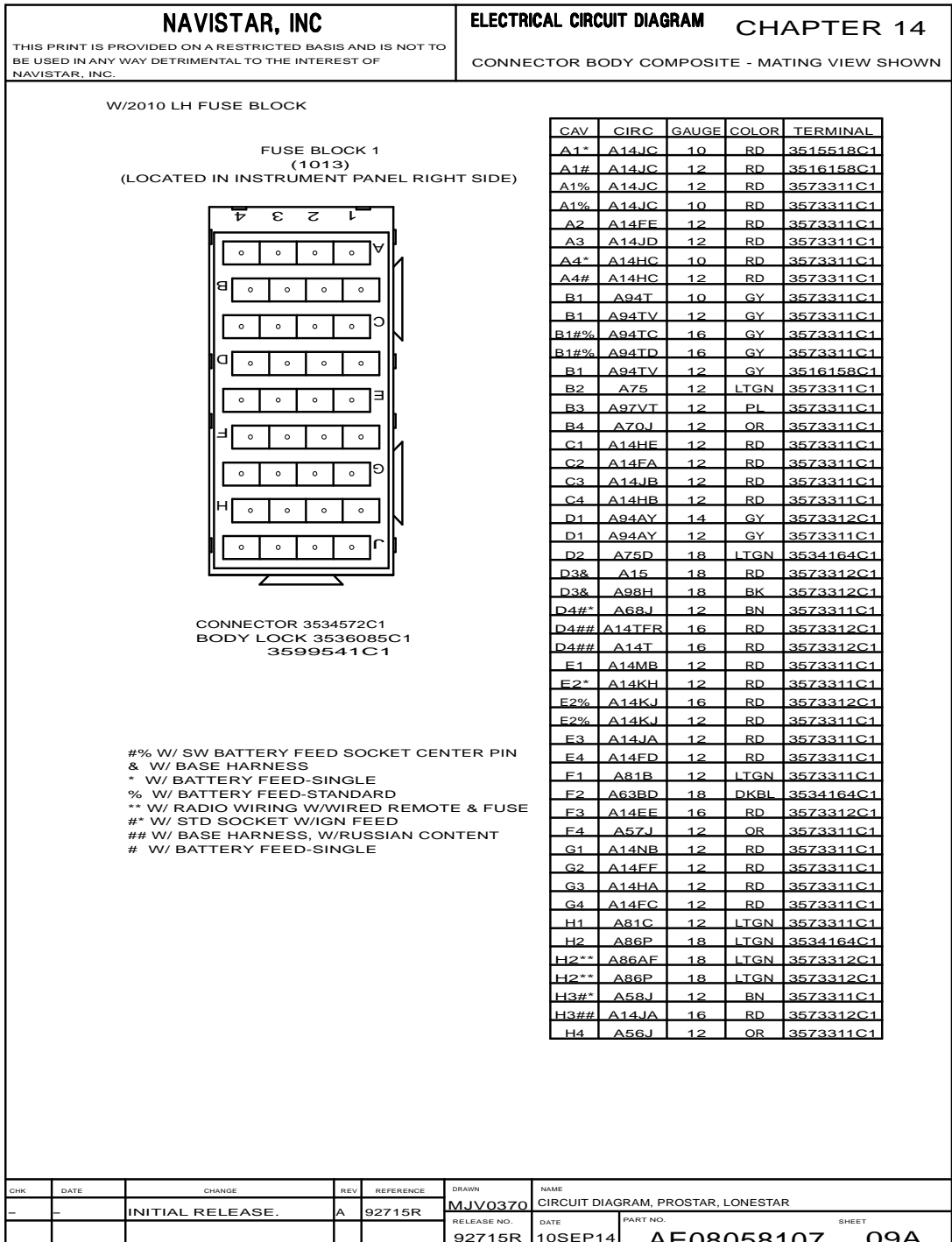


Figure 448 Connector Body Composite (1013)

14.30. CONNECTOR BODY COMPOSITE (1014), P. 10

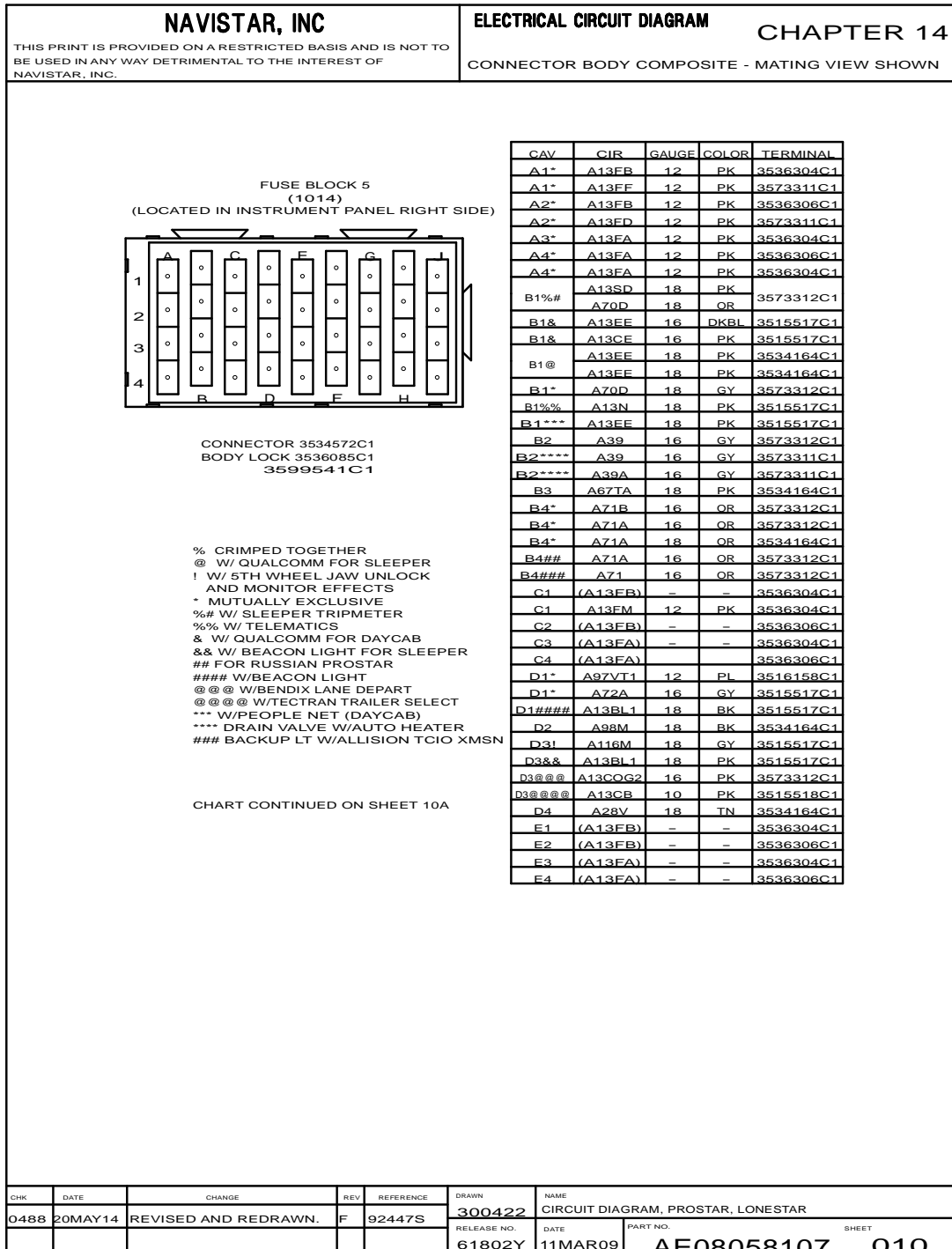
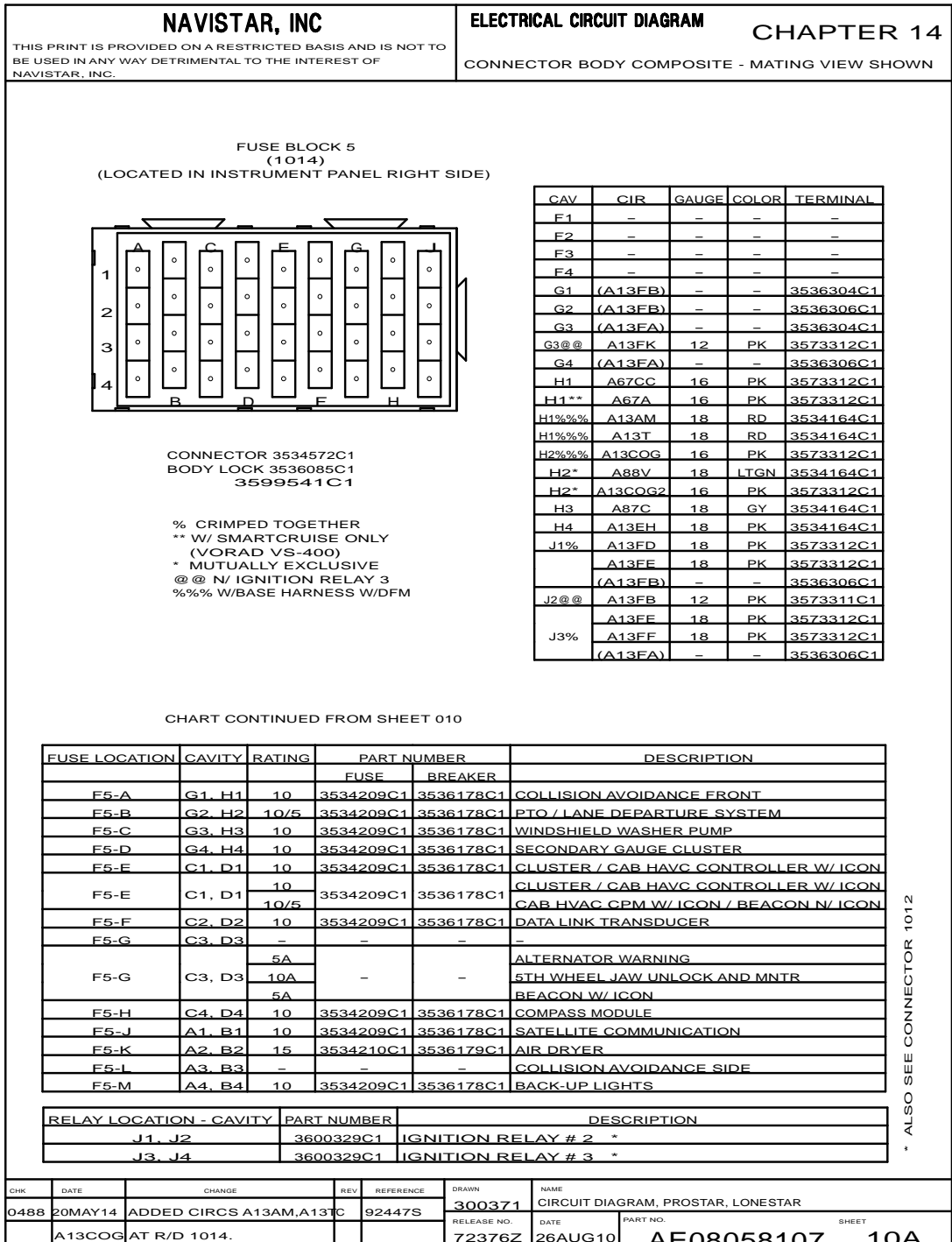


Figure 449 Connector Body Composite (1014)

14.31. CONNECTOR BODY COMPOSITE (1014), P. 10A



\* ALSO SEE CONNECTOR 1012

Figure 450 Connector Body Composite (1014)



14.32. CONNECTOR BODY COMPOSITE (1014), P. 10B

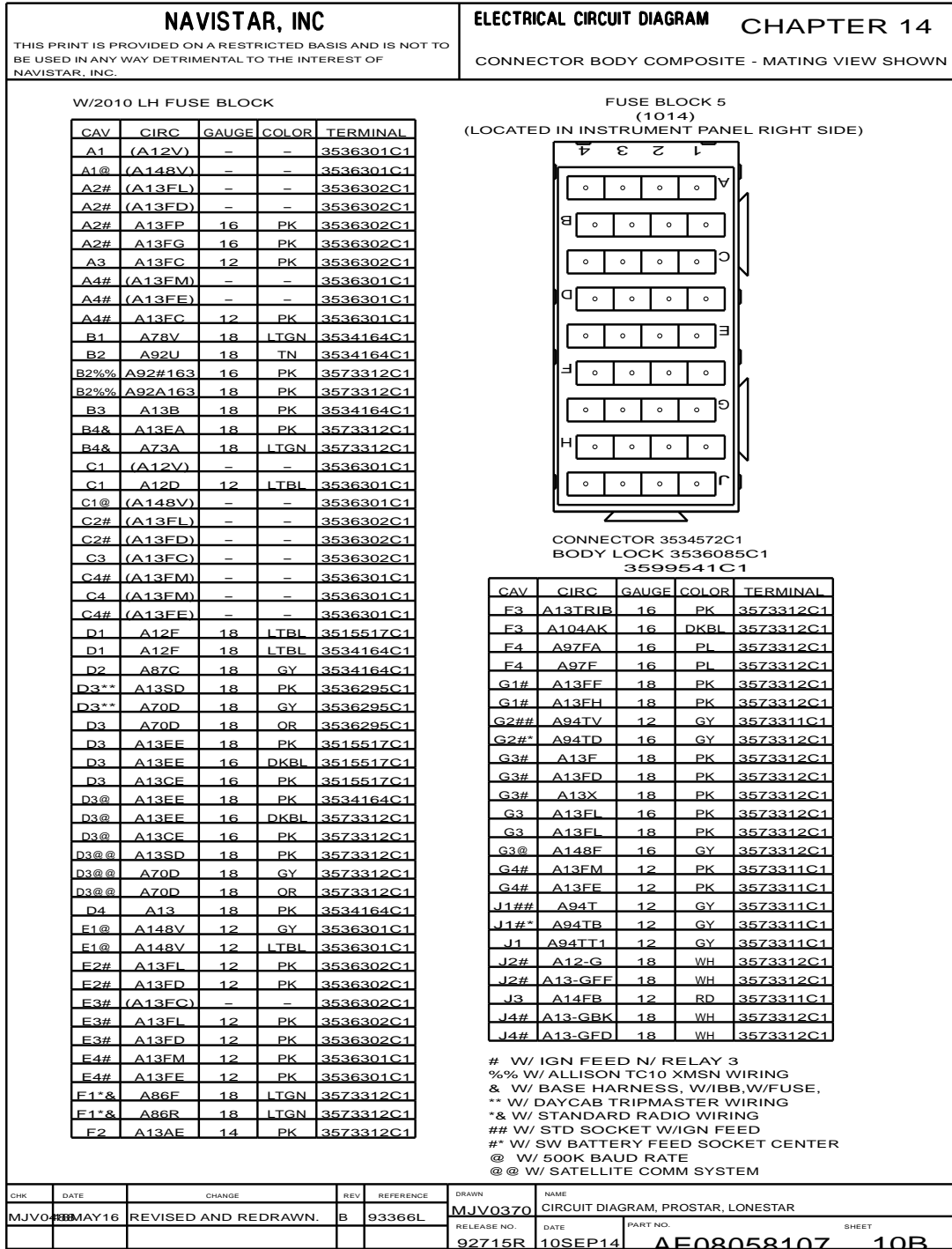


Figure 451 Connector Body Composite (1014)

14.33. CONNECTOR BODY COMPOSITE (1015), P. 11

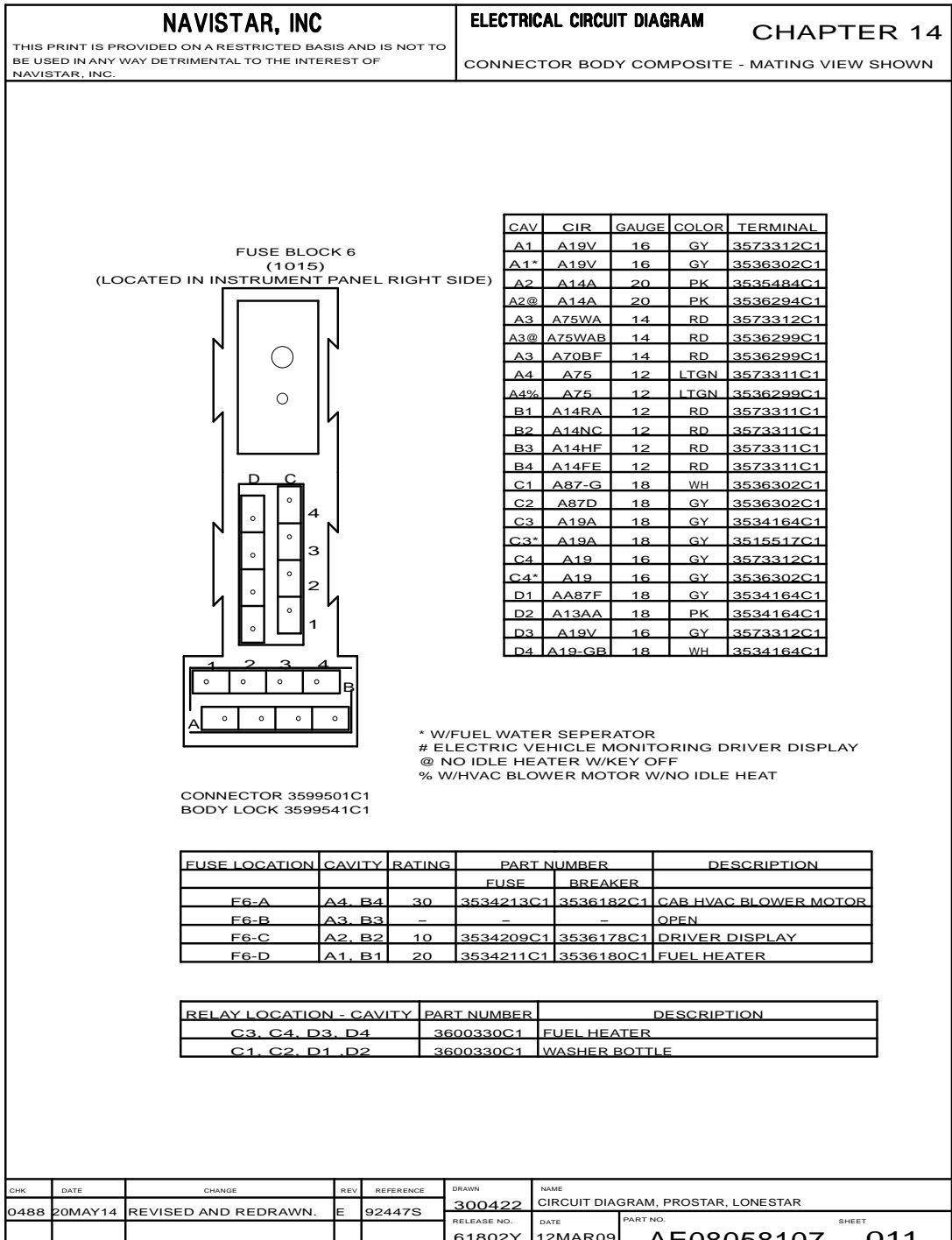


Figure 452 Connector Body Composite (1015)

14.34. CONNECTOR BODY COMPOSITE (1015), P. 11A

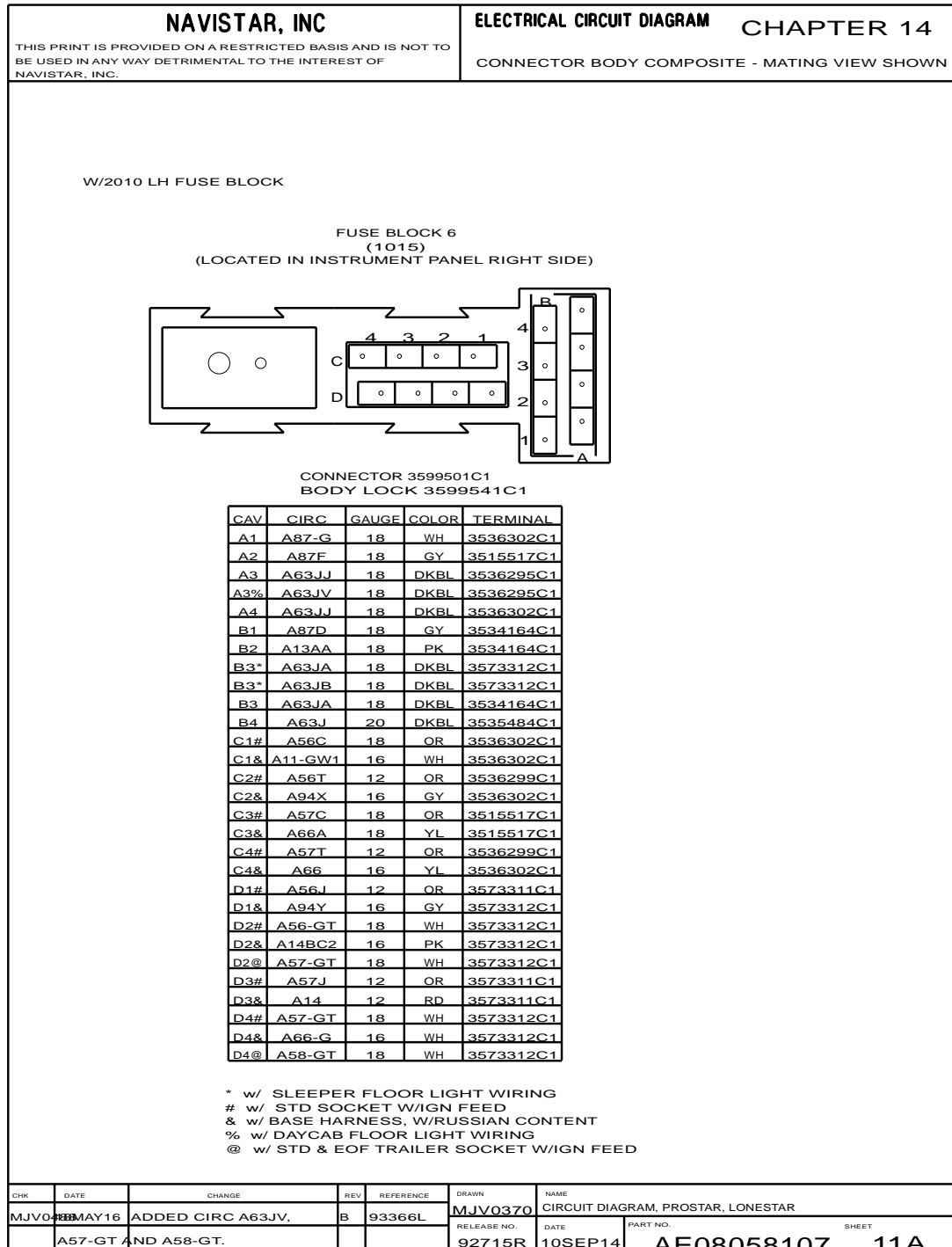


Figure 453 Connector Body Composite (1015)

14.35. CONNECTOR BODY COMPOSITE (1016), P. 12

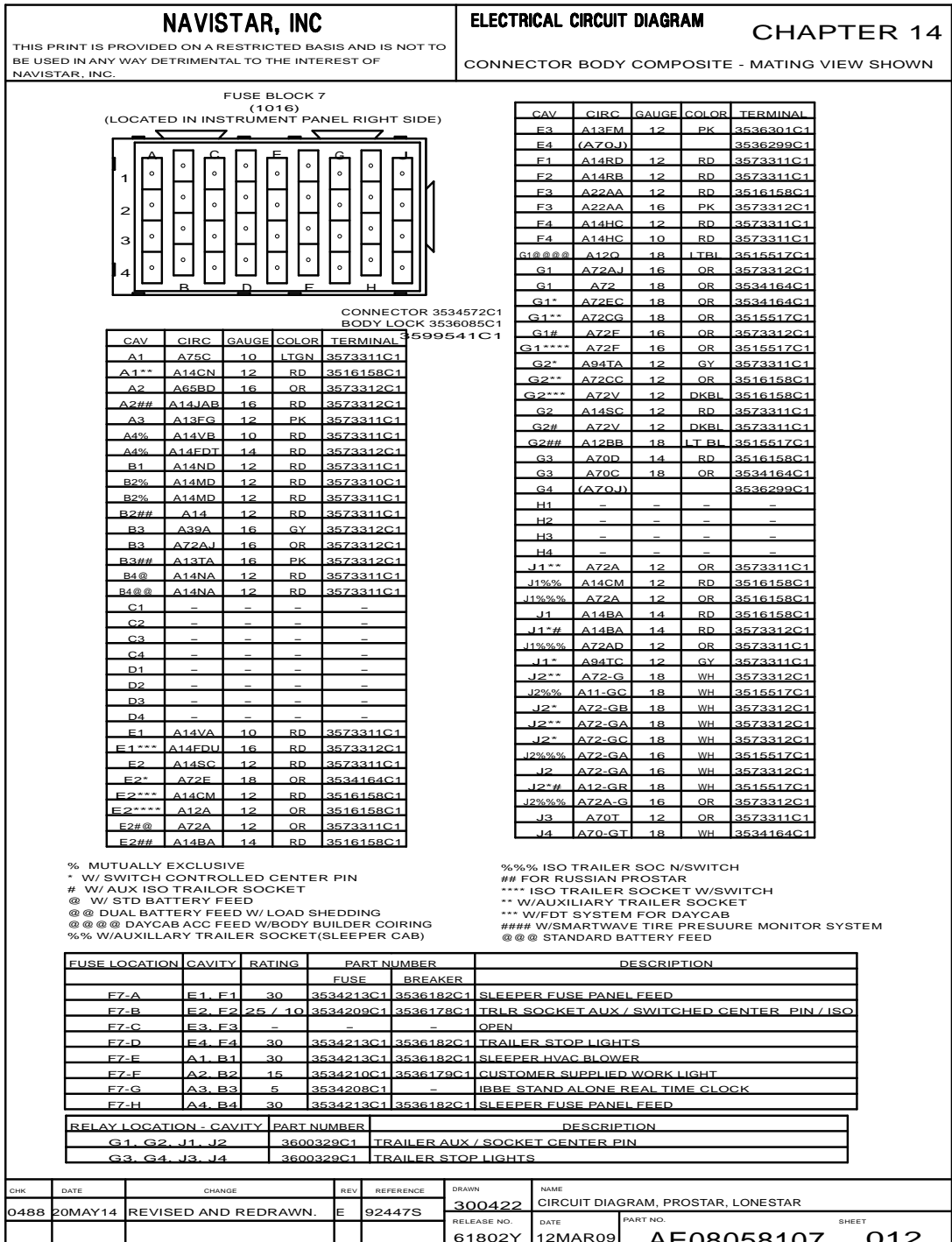


Figure 454 Connector Body Composite (1016)

14.36. CONNECTOR BODY COMPOSITE (1016), P. 12A

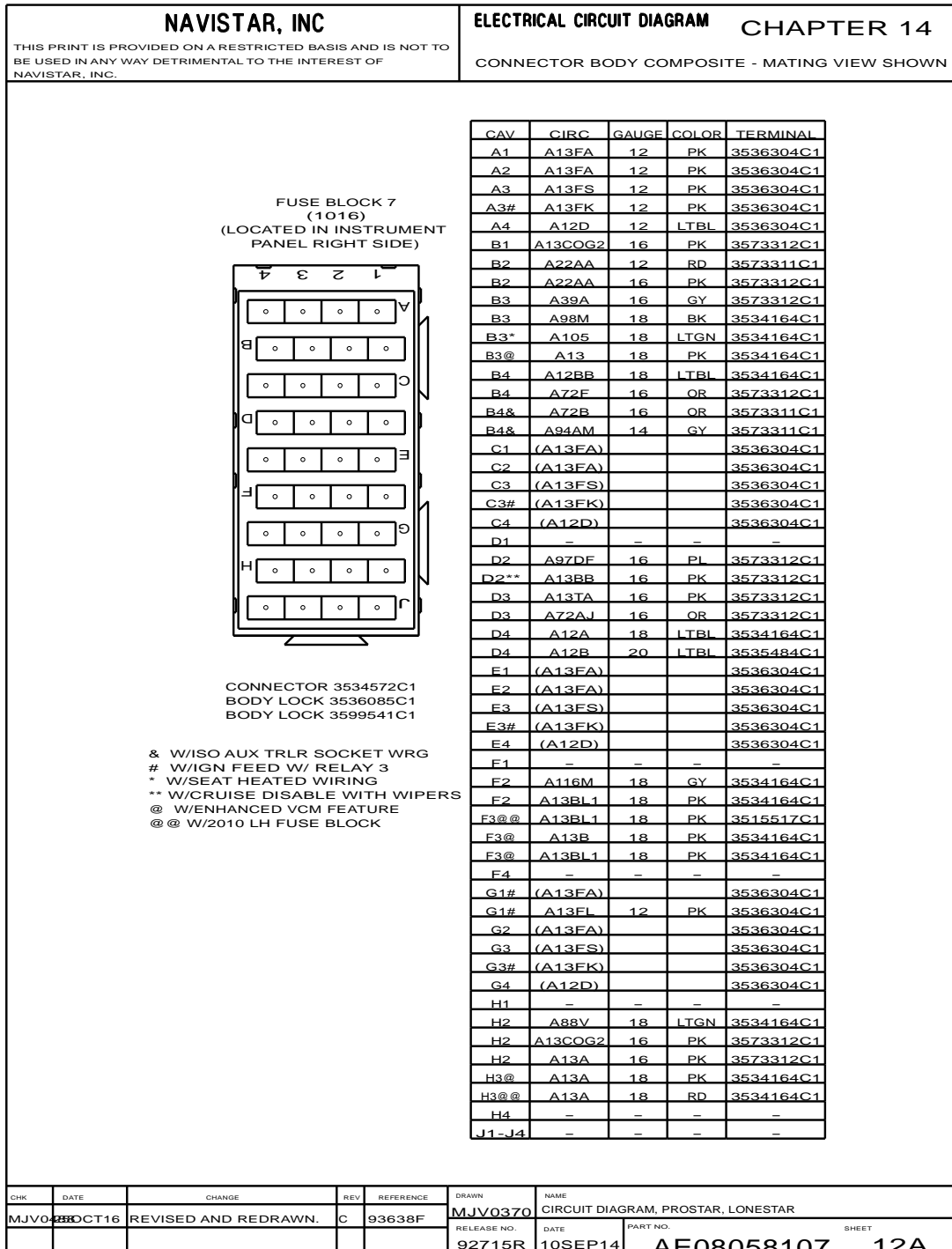


Figure 455 Connector Body Composite (1016)

14.37. CONNECTOR BODY COMPOSITE (1017), P. 13

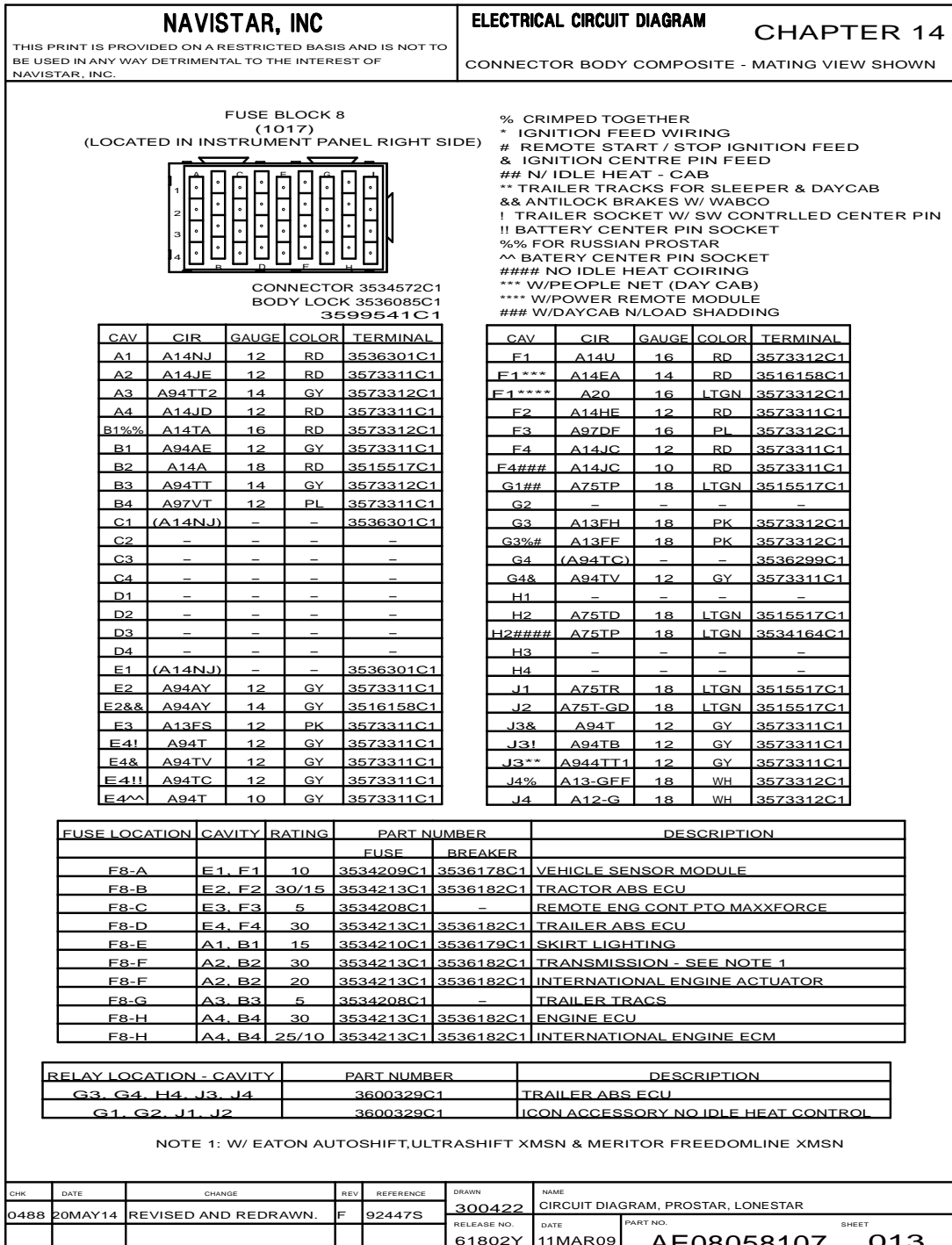


Figure 456 Connector Body Composite (1017)

14.38. CONNECTOR BODY COMPOSITE (1017), P. 13A

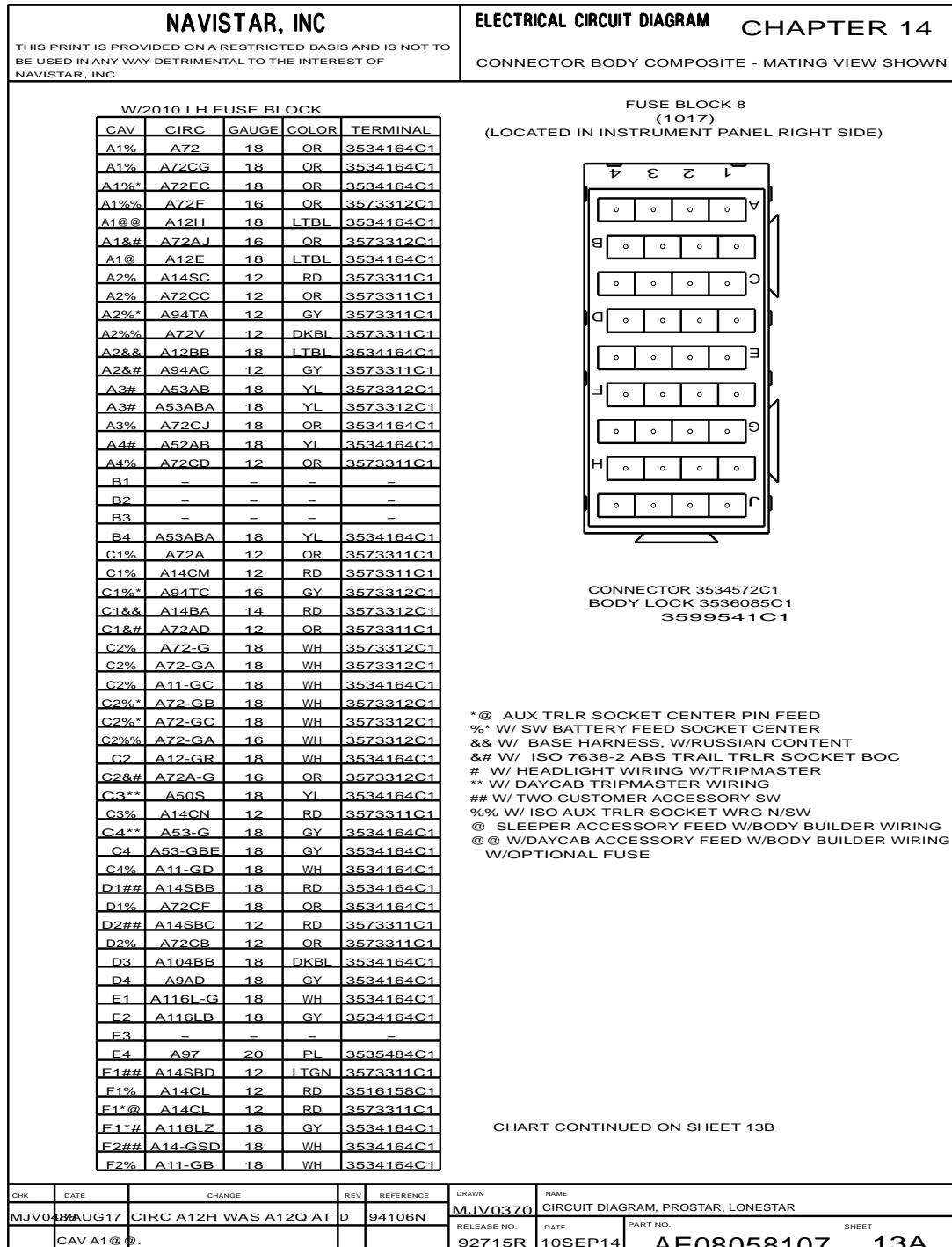


Figure 457 Connector Body Composite (1017)

14.39. CONNECTOR BODY COMPOSITE (1017), P. 13B

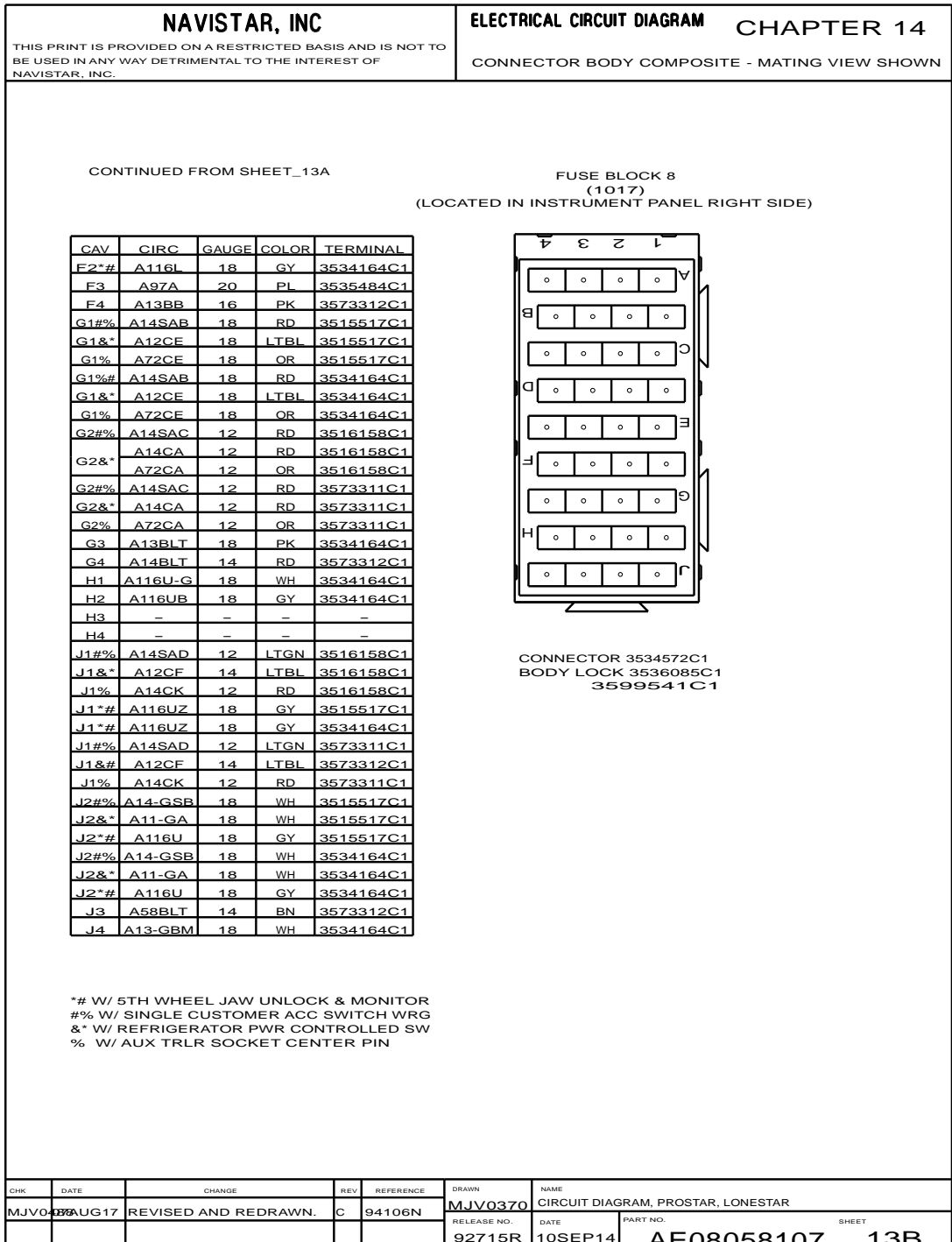


Figure 458 Connector Body Composite (1017)



14.40. CONNECTOR BODY COMPOSITE (1018), P. 14

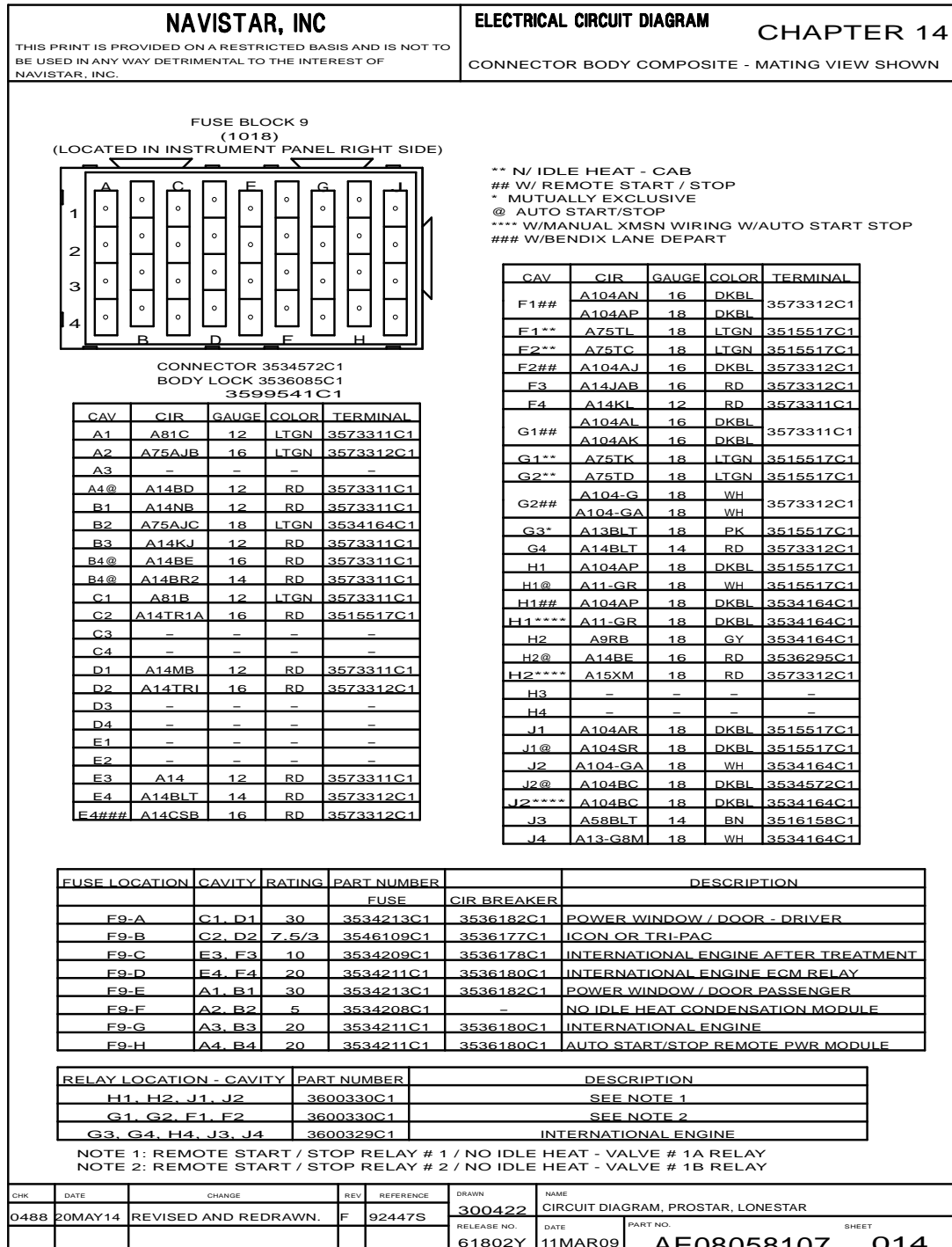


Figure 459 Connector Body Composite (1018)

14.41. CONNECTOR BODY COMPOSITE (1018), P. 14A

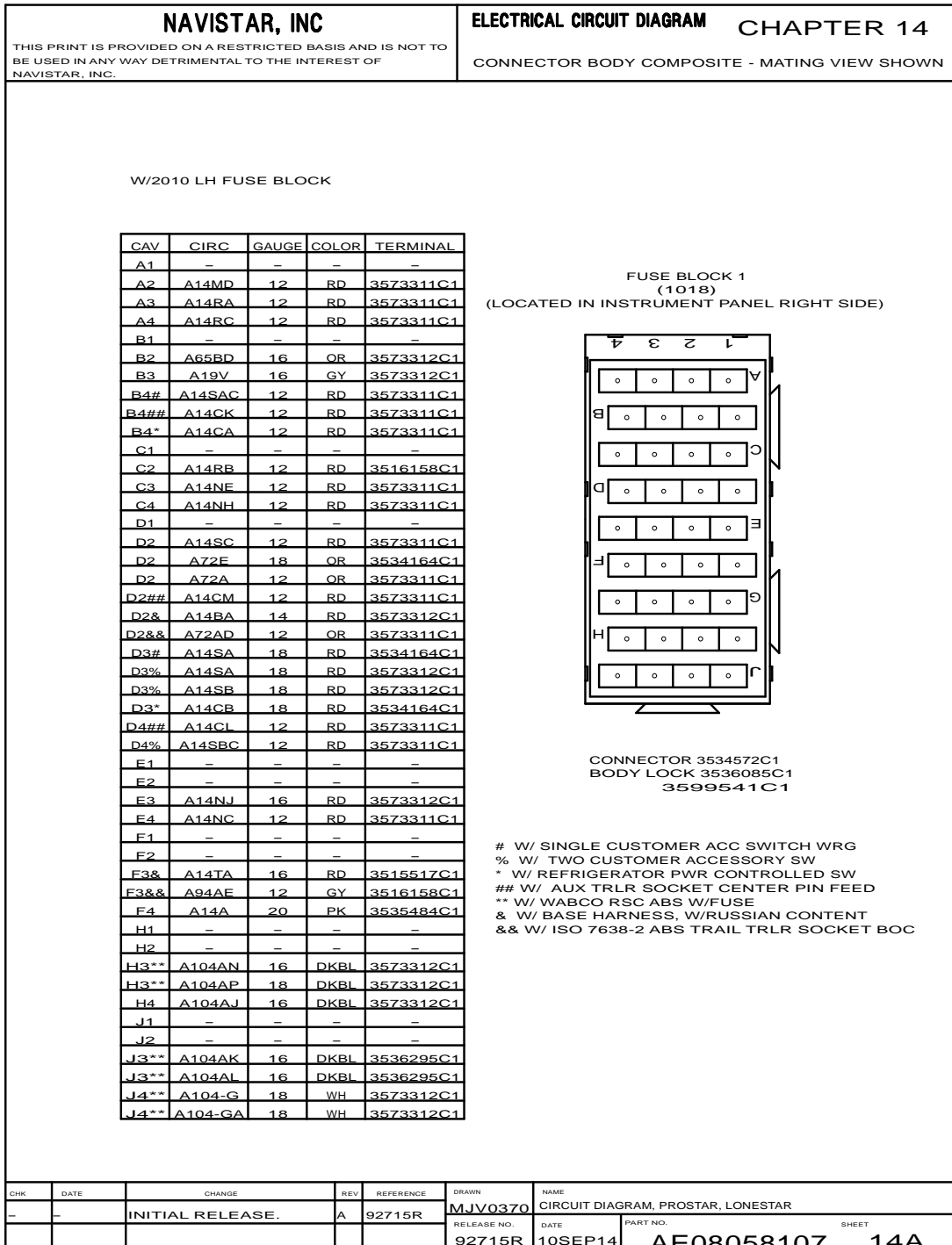


Figure 460 Connector Body Composite (1018)

14.42. CONNECTOR BODY COMPOSITE (1019), P. 15

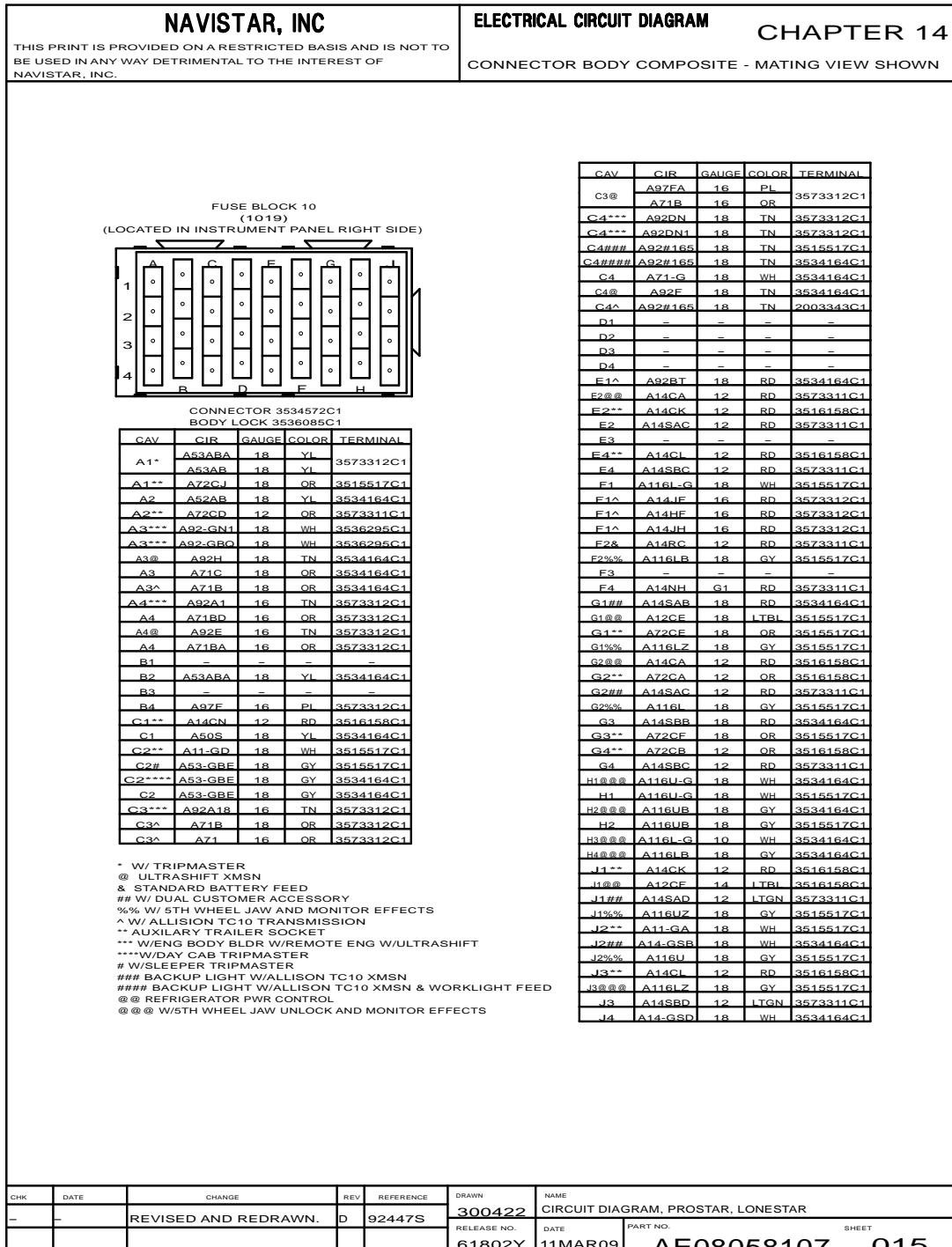


Figure 461 Connector Body Composite (1019)

14.43. CONNECTOR BODY COMPOSITE (1019), P. 15A

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<p>CONTINUED FROM SHEET 015</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 20px;"> <thead> <tr> <th>FUSE LOCATION</th> <th>CAVITY</th> <th>RATING</th> <th colspan="2">PART NUMBER</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">FUSE</td> <td style="text-align: center;">CIR BREAKER</td> <td></td> </tr> <tr> <td>F10-A</td> <td>E1, F1</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td>5TH WHL JAW MONITOR - LOCK</td> </tr> <tr> <td>F10-B</td> <td>E2, F2</td> <td style="text-align: center;">30</td> <td>3435213C1</td> <td>3536182C1</td> <td>CUSTOMER ACCESSORY # 1</td> </tr> <tr> <td>F10-C</td> <td>E3, F3</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td>OPEN</td> </tr> <tr> <td>F10-D</td> <td>E4, F4</td> <td style="text-align: center;">30</td> <td>3435213C1</td> <td>3536182C1</td> <td>CUSTOMER ACCESSORY # 2 / ICON</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>RELAY LOCATION - CAVITY</th> <th>PART NUMBER</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>A1, A2, B2, C1, C2</td> <td>3600329C1</td> <td>TRIPMASTER HEADLIGHT INPUT</td> </tr> <tr> <td>A3, A4, B4, C3, C4</td> <td>3600329C1</td> <td>SEE NOTE 1</td> </tr> <tr> <td>G1, G2, H2, J1, J2</td> <td>3600329C1</td> <td>CUSTOMER ACCESSORY # 1</td> </tr> <tr> <td>G3, G4, H4, J3, J4</td> <td>3600329C1</td> <td>CUSTOMER ACCESSORY # 2</td> </tr> </tbody> </table> <p style="text-align: center; font-size: small;">NOTE 1 - RELAY: EATON ULTRASHIFT XMSN IGN / FREEDOMLINE XMSN BACK-UP / ALLISON TC10 XMSN BACKUP RELAY</p>								FUSE LOCATION	CAVITY	RATING	PART NUMBER		DESCRIPTION				FUSE	CIR BREAKER		F10-A	E1, F1	-	-	-	5TH WHL JAW MONITOR - LOCK	F10-B	E2, F2	30	3435213C1	3536182C1	CUSTOMER ACCESSORY # 1	F10-C	E3, F3	-	-	-	OPEN	F10-D	E4, F4	30	3435213C1	3536182C1	CUSTOMER ACCESSORY # 2 / ICON	RELAY LOCATION - CAVITY	PART NUMBER	DESCRIPTION	A1, A2, B2, C1, C2	3600329C1	TRIPMASTER HEADLIGHT INPUT	A3, A4, B4, C3, C4	3600329C1	SEE NOTE 1	G1, G2, H2, J1, J2	3600329C1	CUSTOMER ACCESSORY # 1	G3, G4, H4, J3, J4	3600329C1	CUSTOMER ACCESSORY # 2
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																				
0488	20MAY14	INITIAL RELEASE.	A	92447S	MJV0370	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																				
					RELEASE NO.	DATE	PART NO.																																																			
					92447S	25FEB14	AE08058107																																																			
						SHEET	15A																																																			

Figure 462 Connector Body Composite (1019)

14.44. CONNECTOR BODY COMPOSITE (1019), P. 15B

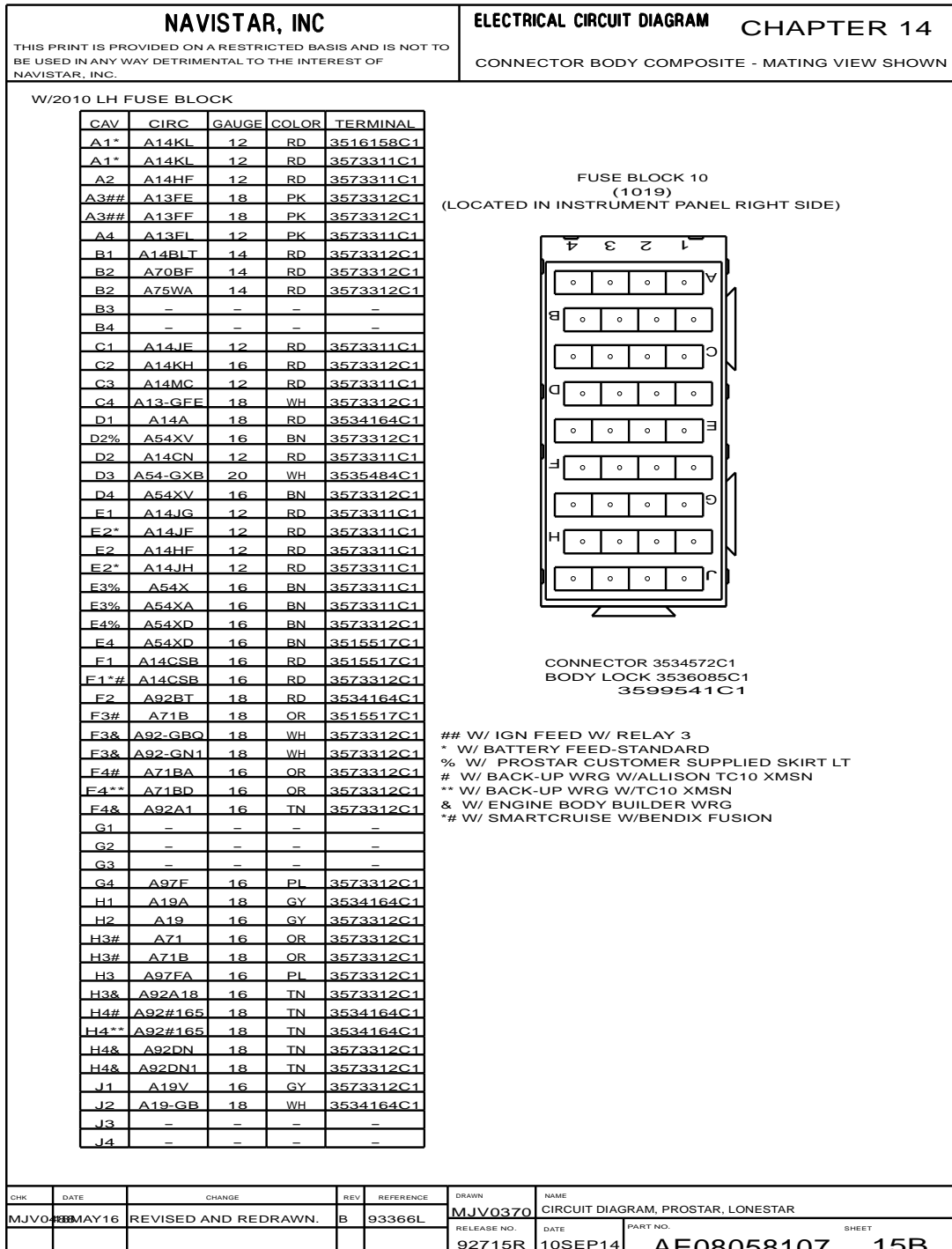


Figure 463 Connector Body Composite (1019)

14.45. CONNECTOR BODY COMPOSITE (1020), P. 16

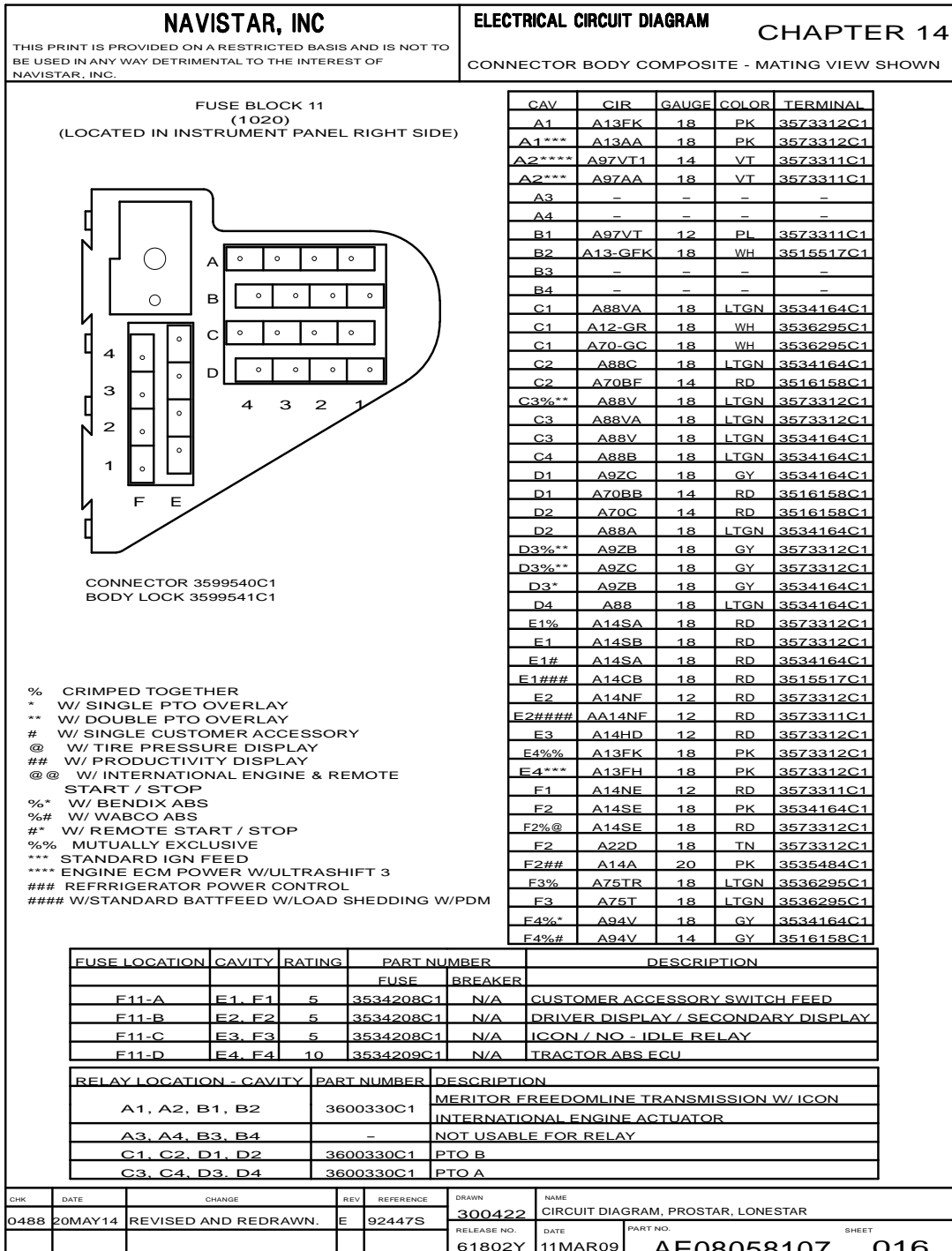


Figure 464 Connector Body Composite (1020)

14.46. CONNECTOR BODY COMPOSITE (1020), P. 16A

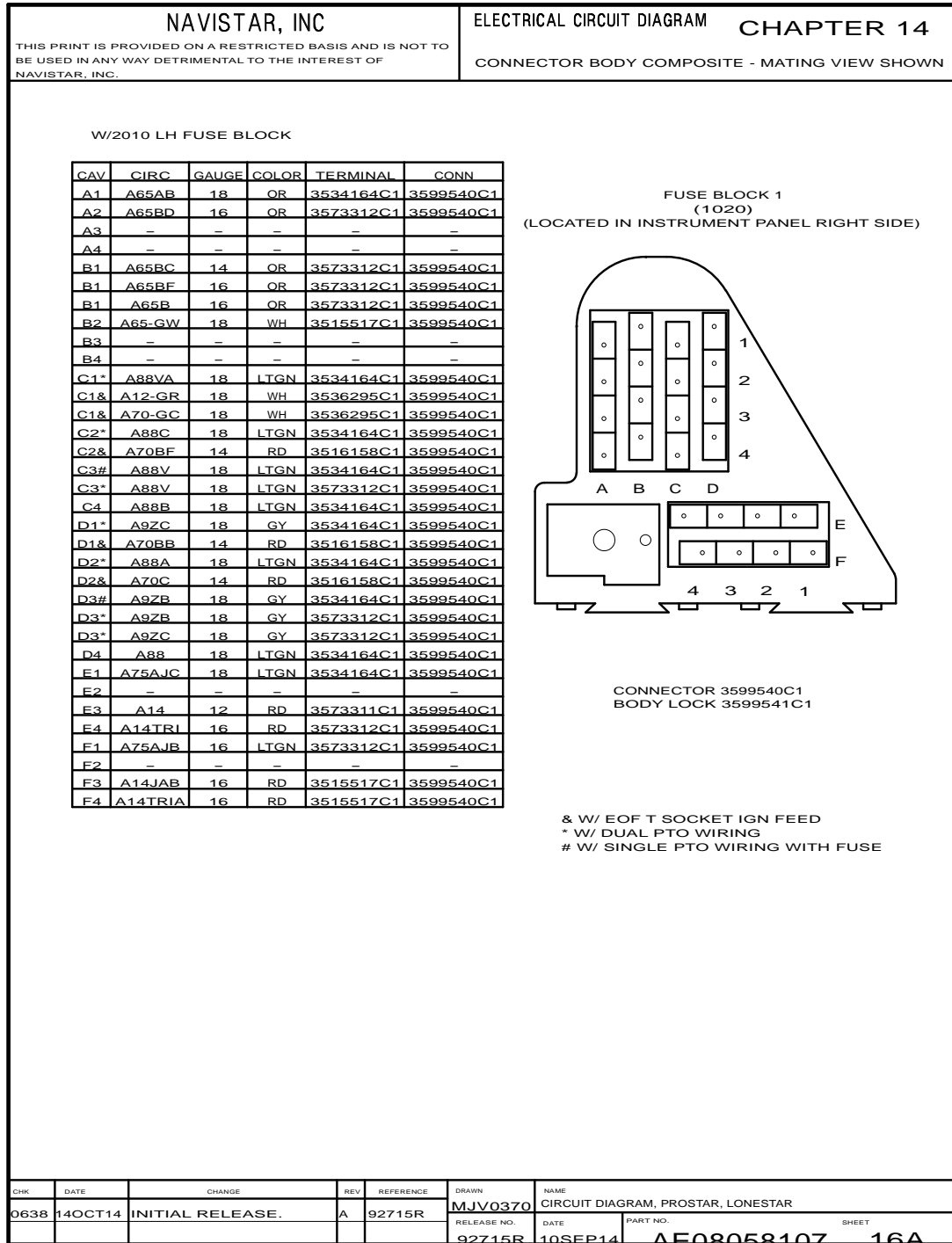


Figure 465 Connector Body Composite (1020)

14.47. CONNECTOR BODY COMPOSITE (1021), (1022), P. 16B

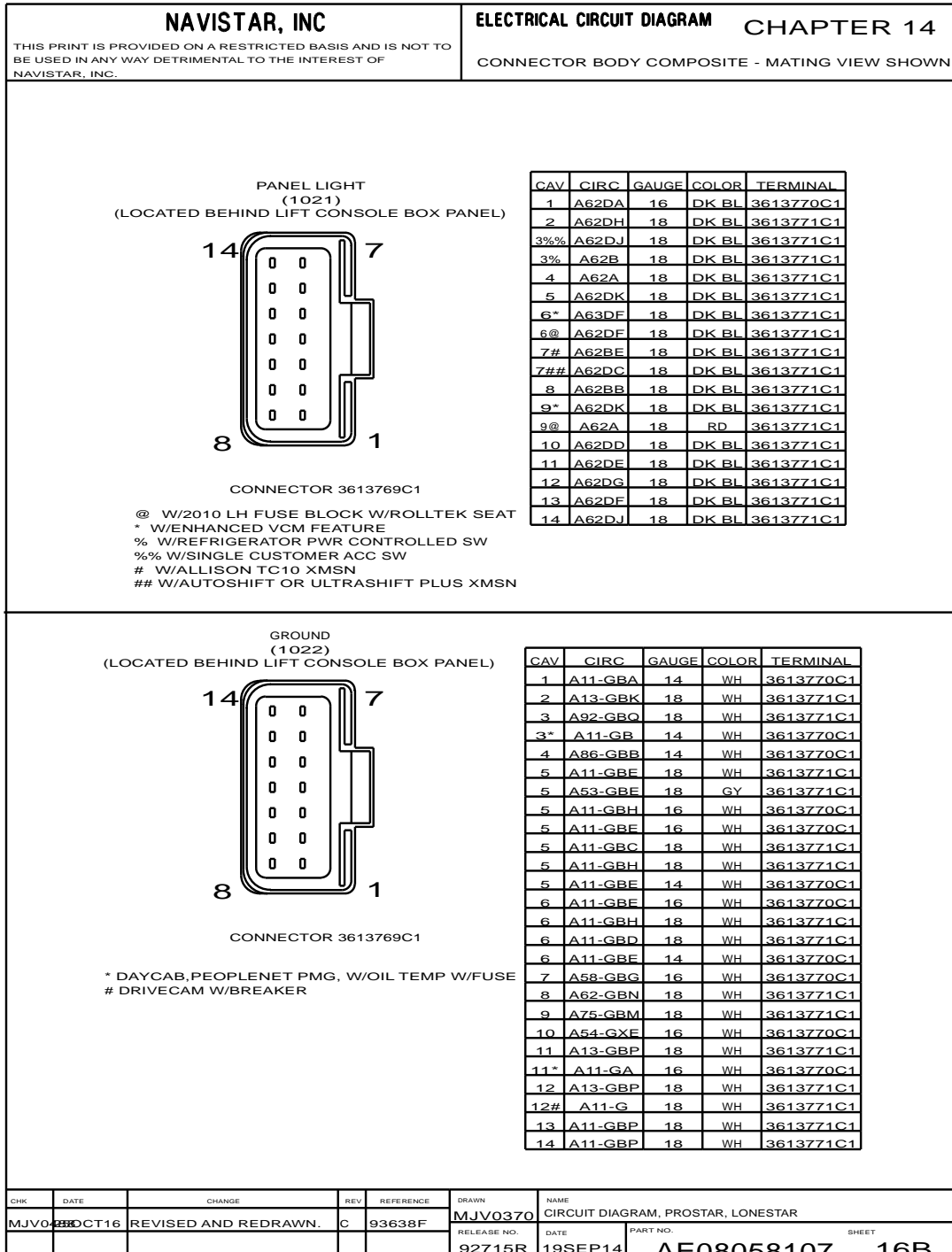


Figure 466 Connector Body Composite (1021), (1022)



14.48. CONNECTOR BODY COMPOSITE (1023), (1024), P. 17

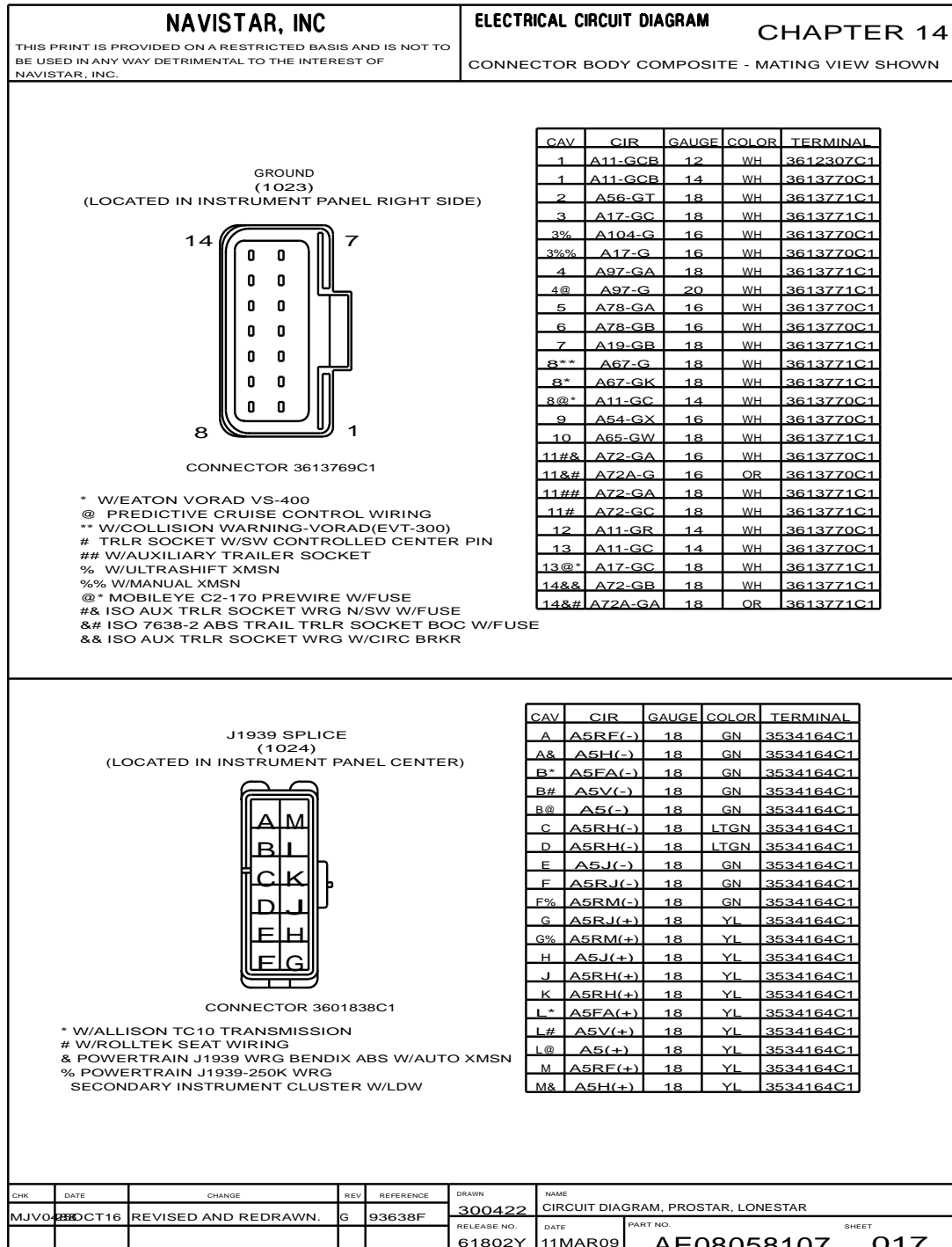
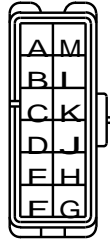


Figure 467 Connector Body Composite (1023), (1024)

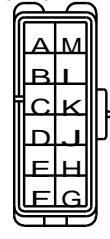
14.49. CONNECTOR BODY COMPOSITE (1025), (1026), (1027), P. 18

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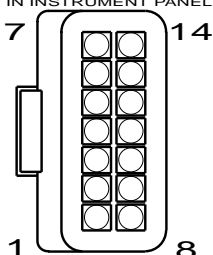
  

<p style="text-align: center;">J1939 SPLICE (1025) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 3601838C1 BODY LOCK 3601839C1</p> <p style="font-size: x-small;">* W/ TELEMATICS # W/ FDT SYSTEM FOR DAYCAB @ W/ 2010 LH FUSE BLOCK ** W/DAY CAB FDT SYSTEM *** MOBILEYE C2-170 PREWIRE</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A5RD(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>B</td><td>A5HA(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>B**</td><td>A5FD(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>B***</td><td>A5A(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>C</td><td>A5RE(-)</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr> <tr><td>D</td><td>A5RE(-)</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr> <tr><td>F*</td><td>A5K(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>F#</td><td>A5FD(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>F@</td><td>A5M(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>F@</td><td>A5U(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>F@</td><td>A5BE(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>F</td><td>A5RF(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>G</td><td>A5RF(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>H*</td><td>A5K(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>H#</td><td>A5FD(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>H@</td><td>A5M(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>H@</td><td>A5U(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>H@</td><td>A5BE(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>J</td><td>A5RE(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>K</td><td>A5RE(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>L</td><td>A5HA(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>L**</td><td>A5FD(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>L***</td><td>A5A(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>M</td><td>A5RD(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	A	A5RD(-)	18	GN	3534164C1	B	A5HA(-)	18	GN	3534164C1	B**	A5FD(-)	18	GN	3534164C1	B***	A5A(-)	18	GN	3534164C1	C	A5RE(-)	18	LTGN	3534164C1	D	A5RE(-)	18	LTGN	3534164C1	F*	A5K(-)	18	GN	3534164C1	F#	A5FD(-)	18	GN	3534164C1	F@	A5M(-)	18	GN	3534164C1	F@	A5U(-)	18	GN	3534164C1	F@	A5BE(-)	18	GN	3534164C1	F	A5RF(-)	18	GN	3534164C1	G	A5RF(+)	18	YL	3534164C1	H*	A5K(+)	18	YL	3534164C1	H#	A5FD(+)	18	YL	3534164C1	H@	A5M(+)	18	YL	3534164C1	H@	A5U(+)	18	YL	3534164C1	H@	A5BE(+)	18	YL	3534164C1	J	A5RE(+)	18	YL	3534164C1	K	A5RE(+)	18	YL	3534164C1	L	A5HA(+)	18	YL	3534164C1	L**	A5FD(+)	18	YL	3534164C1	L***	A5A(+)	18	YL	3534164C1	M	A5RD(+)	18	YL	3534164C1
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<p style="text-align: center;">J1939 SPLICE (1026) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 3601838C1 BODY LOCK 3601839C1</p> <p style="font-size: x-small;">* W/ ALL OPTIONS &amp; N/ ABS OR COMPASS @ W/ SECONDARY DISPLAY &amp; TIRE PRESSURE # W/ J1939 250K POWERTRAIN WIRING</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>A</td><td>A5RB(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>A*</td><td>A5R(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>A#</td><td>A5H(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>B</td><td>A5P(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>C</td><td>A5RC(-)</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr> <tr><td>D</td><td>A5RC(-)</td><td>18</td><td>LTGN</td><td>3534164C1</td></tr> <tr><td>E@</td><td>A5L(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>E*</td><td>A5L(-)</td><td>20</td><td>LTGN</td><td>3535484C1</td></tr> <tr><td>F</td><td>A5RD(-)</td><td>18</td><td>GN</td><td>3534164C1</td></tr> <tr><td>G</td><td>A5RD(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>H@</td><td>A5L(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>H*</td><td>A5L(+)</td><td>20</td><td>YL</td><td>3535484C1</td></tr> <tr><td>J</td><td>A5RC(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>K</td><td>A5RC(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>L</td><td>A5P(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>M</td><td>A5RB(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>M*</td><td>A5R(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> <tr><td>M#</td><td>A5H(+)</td><td>18</td><td>YL</td><td>3534164C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	A	A5RB(-)	18	GN	3534164C1	A*	A5R(-)	18	GN	3534164C1	A#	A5H(-)	18	GN	3534164C1	B	A5P(-)	18	GN	3534164C1	C	A5RC(-)	18	LTGN	3534164C1	D	A5RC(-)	18	LTGN	3534164C1	E@	A5L(-)	18	GN	3534164C1	E*	A5L(-)	20	LTGN	3535484C1	F	A5RD(-)	18	GN	3534164C1	G	A5RD(+)	18	YL	3534164C1	H@	A5L(+)	18	YL	3534164C1	H*	A5L(+)	20	YL	3535484C1	J	A5RC(+)	18	YL	3534164C1	K	A5RC(+)	18	YL	3534164C1	L	A5P(+)	18	YL	3534164C1	M	A5RB(+)	18	YL	3534164C1	M*	A5R(+)	18	YL	3534164C1	M#	A5H(+)	18	YL	3534164C1
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<p style="text-align: center;">GROUND (1027) (LOCATED IN INSTRUMENT PANEL CENTER)</p>  <p style="text-align: center;">CONNECTOR 3613769C1</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A11-G</td><td>14</td><td>WH</td><td>3613770C1</td></tr> <tr><td>2</td><td>A11-GJ6</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>3</td><td>A11-GJ7</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>4</td><td>A11-GAD</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>5</td><td>A11-GAE</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>6</td><td>A11-GAF</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>7</td><td>A11-GAG</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>8</td><td>A11-GAH</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>9</td><td>A11-GAJ</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>10</td><td>A11-GLT</td><td>16</td><td>WH</td><td>3613770C1</td></tr> <tr><td>11</td><td>A11-GW</td><td>16</td><td>WH</td><td>3613770C1</td></tr> <tr><td>12</td><td>A11-GAT</td><td>18</td><td>WH</td><td>3613771C1</td></tr> <tr><td>13</td><td>A11-GTA</td><td>16</td><td>WH</td><td>3613770C1</td></tr> <tr><td>14</td><td>A64-GA</td><td>16</td><td>WH</td><td>3613770C1</td></tr> </tbody> </table>	CAV	CIRC	GAUGE	COLOR	TERMINAL	1	A11-G	14	WH	3613770C1	2	A11-GJ6	18	WH	3613771C1	3	A11-GJ7	18	WH	3613771C1	4	A11-GAD	18	WH	3613771C1	5	A11-GAE	18	WH	3613771C1	6	A11-GAF	18	WH	3613771C1	7	A11-GAG	18	WH	3613771C1	8	A11-GAH	18	WH	3613771C1	9	A11-GAJ	18	WH	3613771C1	10	A11-GLT	16	WH	3613770C1	11	A11-GW	16	WH	3613770C1	12	A11-GAT	18	WH	3613771C1	13	A11-GTA	16	WH	3613770C1	14	A64-GA	16	WH	3613770C1
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	15MAY16	REVISED AND REDRAWN.	F	93366L	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					RELEASE NO.	DATE
					61802Y	12MAR09
					PART NO.	SHEET
					AE08058107	018

Figure 468 Connector Body Composite (1025), (1026), (1027)

14.50. CONNECTOR BODY COMPOSITE (1028), (1035), P. 18A

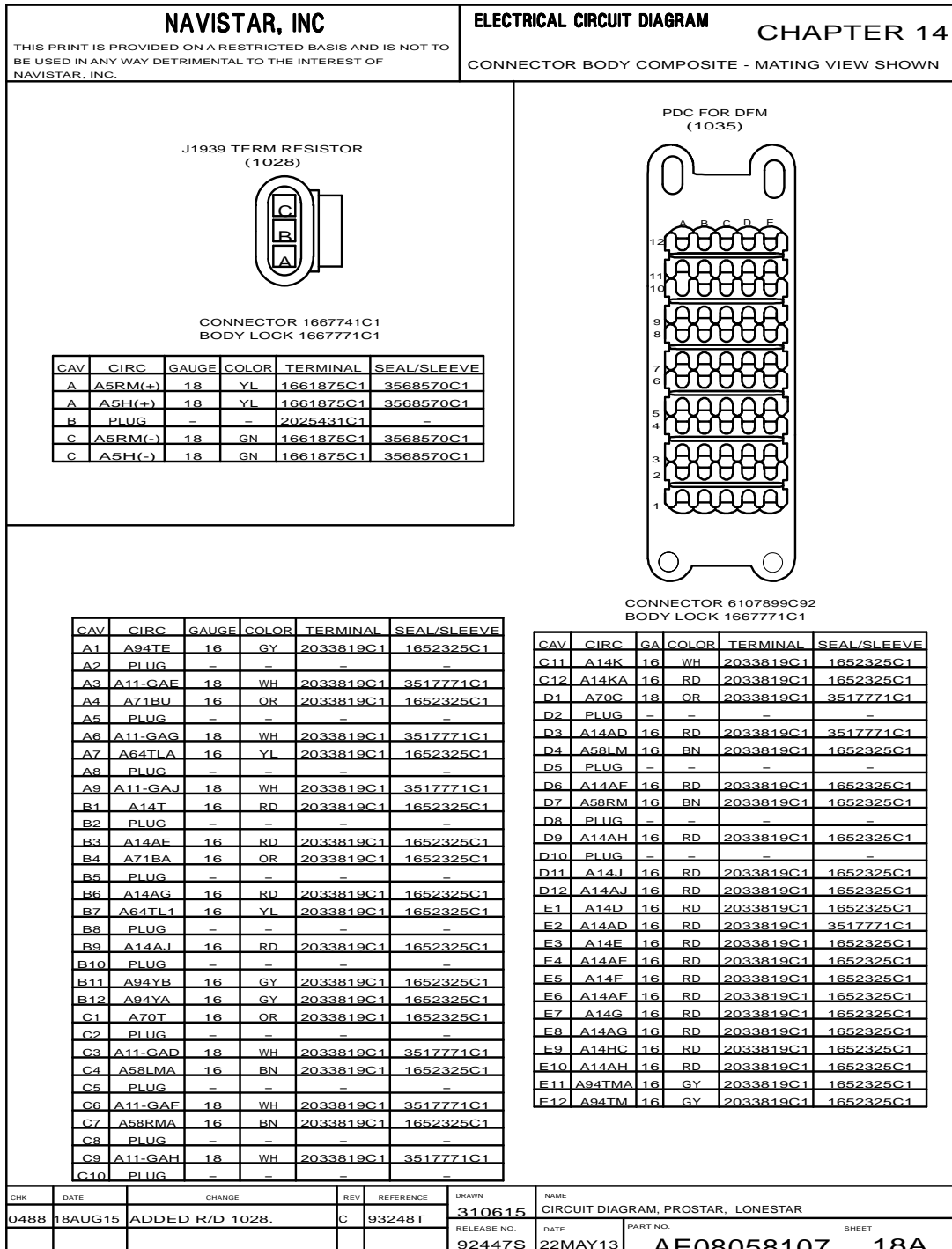


Figure 469 Connector Body Composite (1028), (1035)

14.51. CONNECTOR BODY COMPOSITE (1100M), (1101M), (1110M), P. 18B

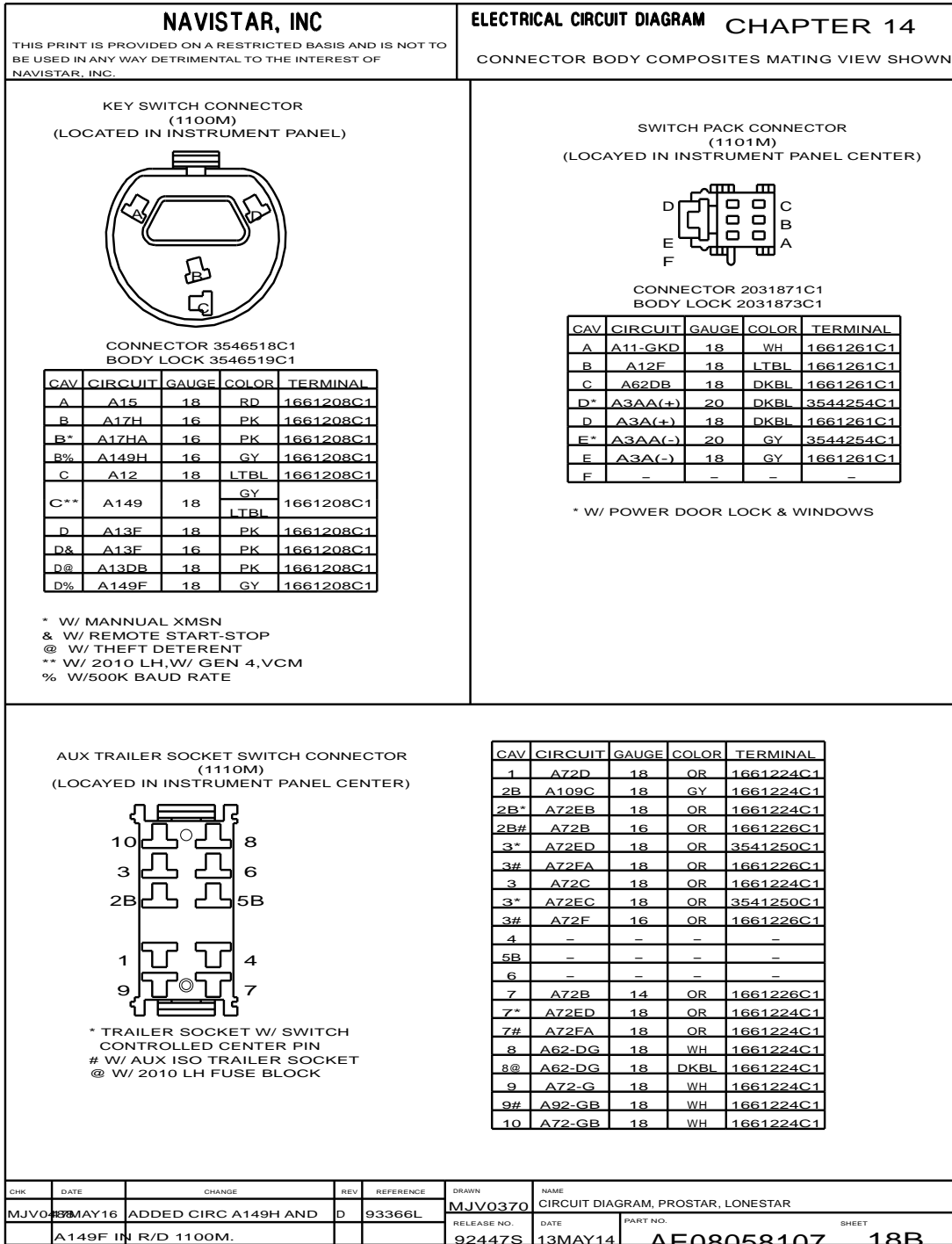


Figure 470 Connector Body Composite (1100M), (1101M), (1110M)

14.52. CONNECTOR BODY COMPOSITE (1111M), (1112), (1112M), (1113), (1113M), P. 19

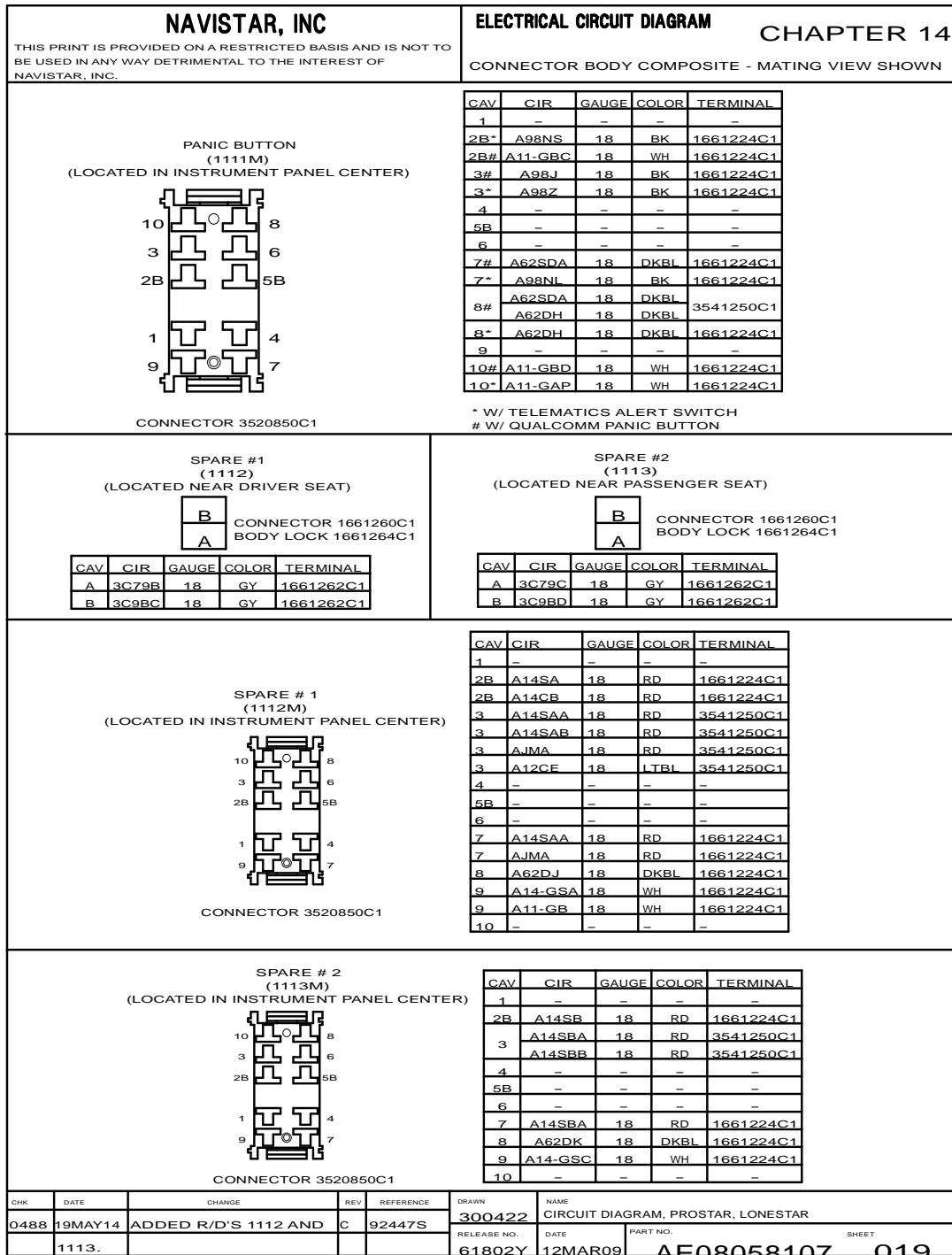


Figure 471 Connector Body Composite (1111M), (1112), (1112M), (1113), (1113M)

14.53. CONNECTOR BODY COMPOSITE (1114M), (1115M), (1116M), (1117M), P. 20

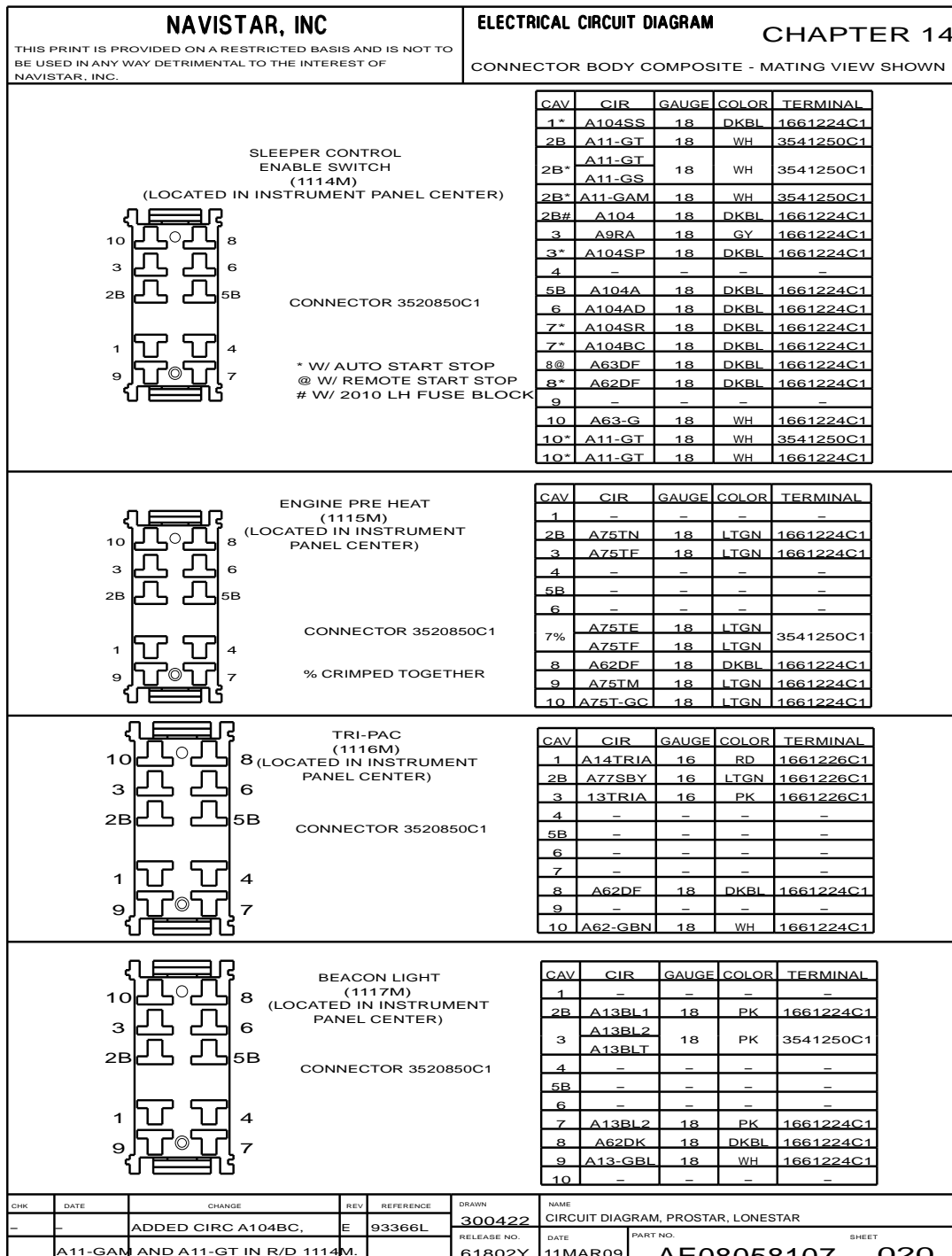


Figure 472 Connector Body Composite (1114M), (1115M), (1116M), (1117M)

14.54. CONNECTOR BODY COMPOSITE (1118M), (1119F), (1119M), (1120M), P. 21

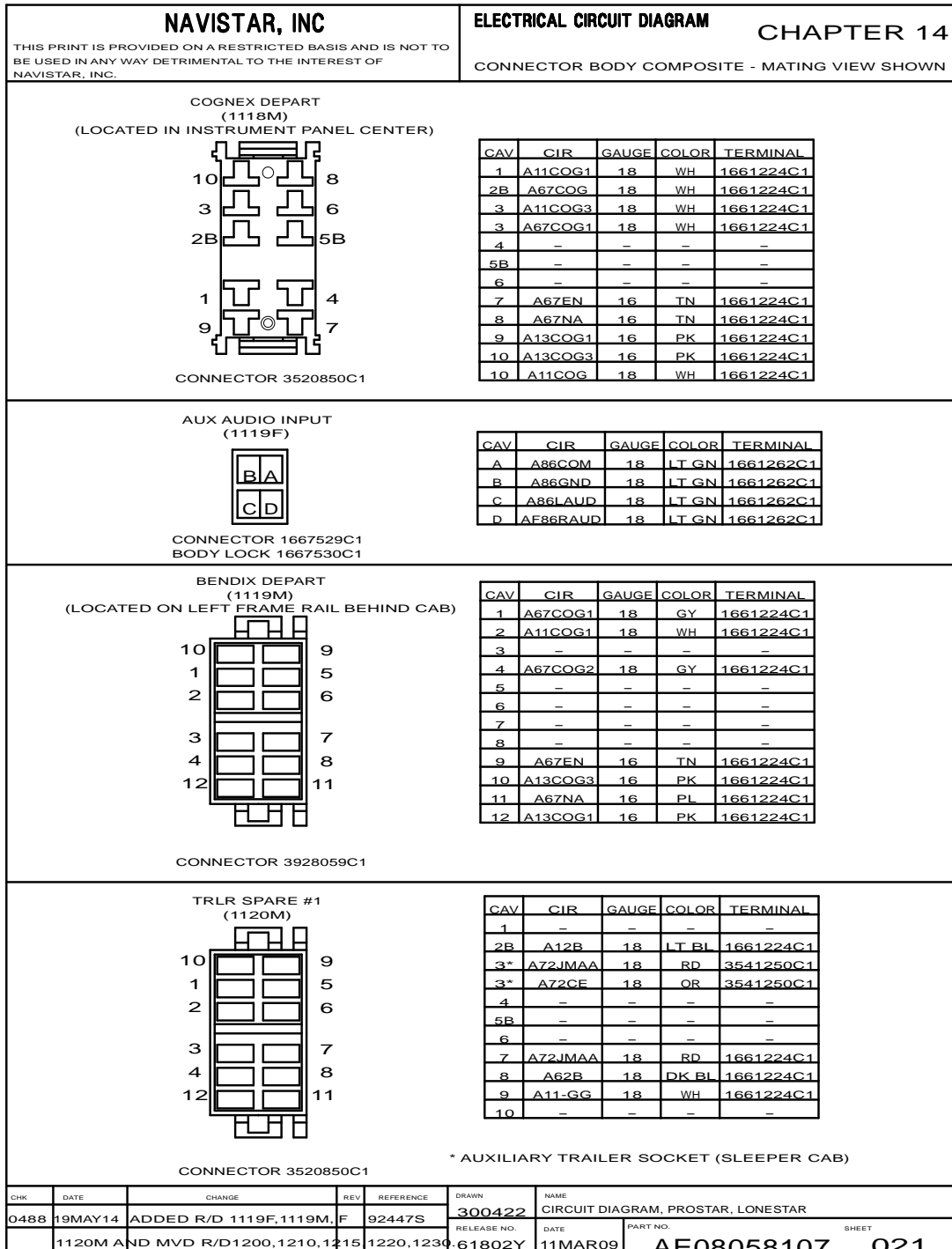


Figure 473 Connector Body Composite (1118M), (1119F), (1119M), (1120M)

14.55. CONNECTOR BODY COMPOSITE (1121M), (1122M), (1123M), (1124M), P. 21A

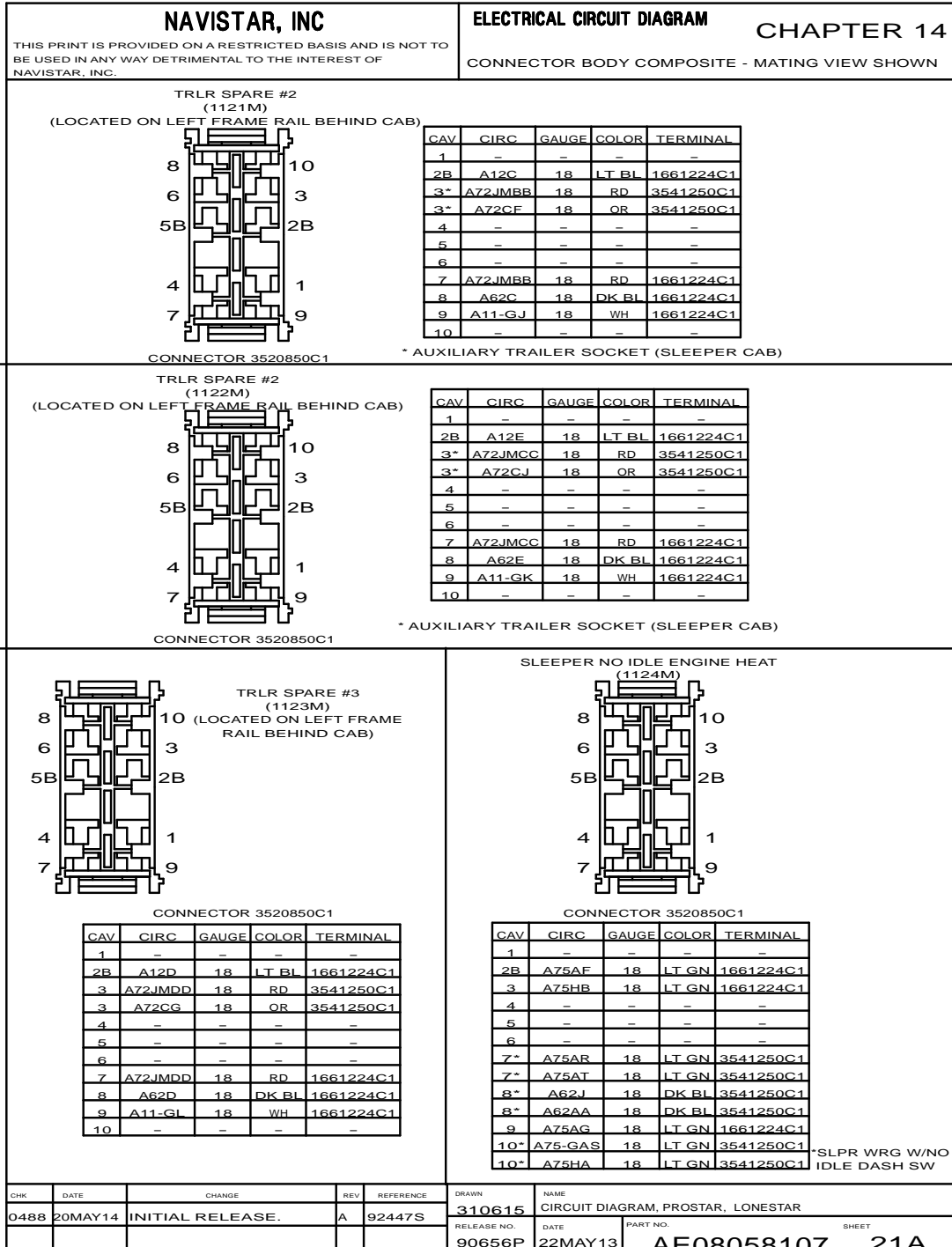


Figure 474 Connector Body Composite (1121M), (1122M), (1123M), (1124M)



14.56. CONNECTOR BODY COMPOSITE (1125M), (1126M), (1127M), (1200), P. 21B

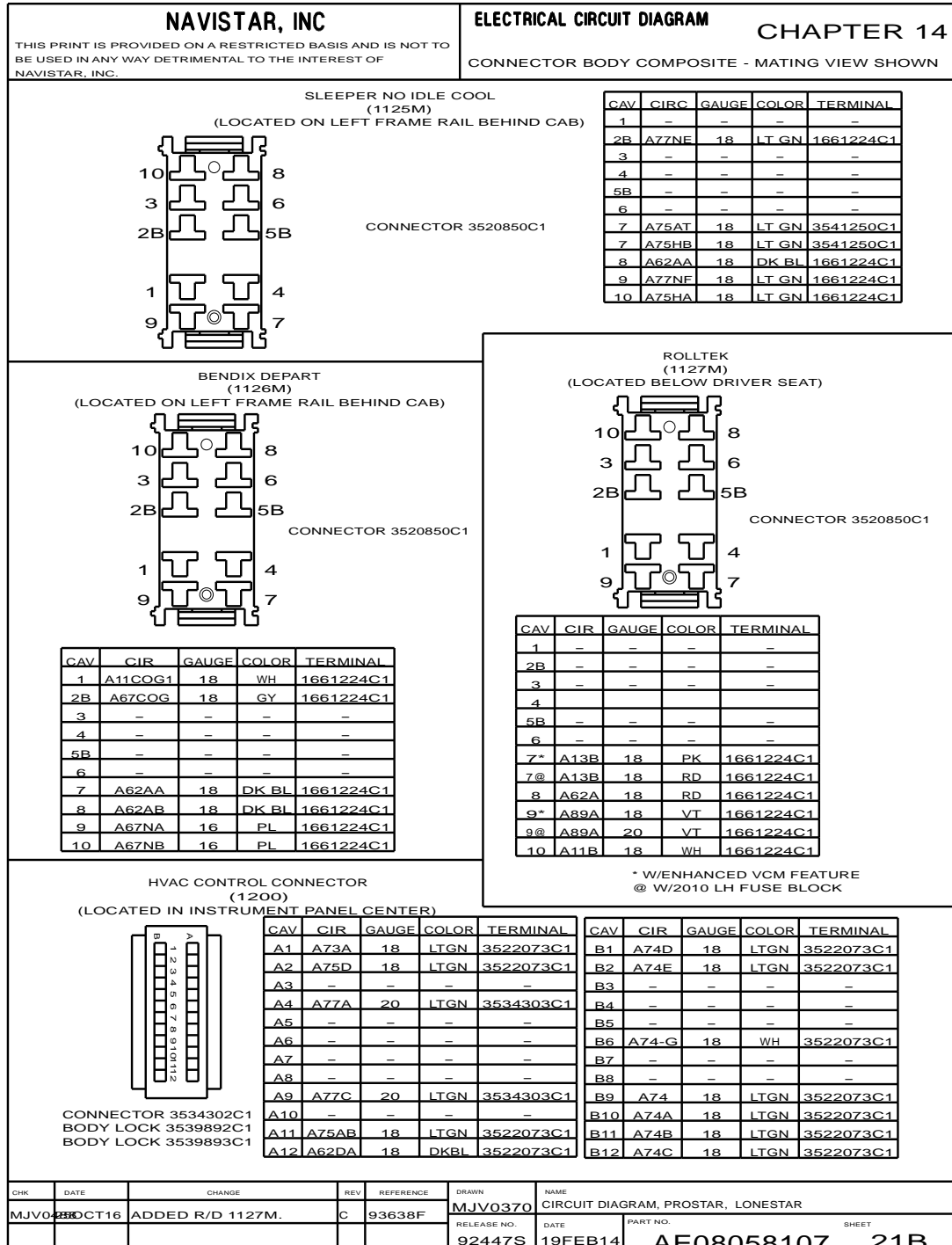


Figure 475 Connector Body Composite (1125M), (1126M), (1127M), (1200)

14.57. CONNECTOR BODY COMPOSITE (1210), (1215), (1220), (1230), P. 21C

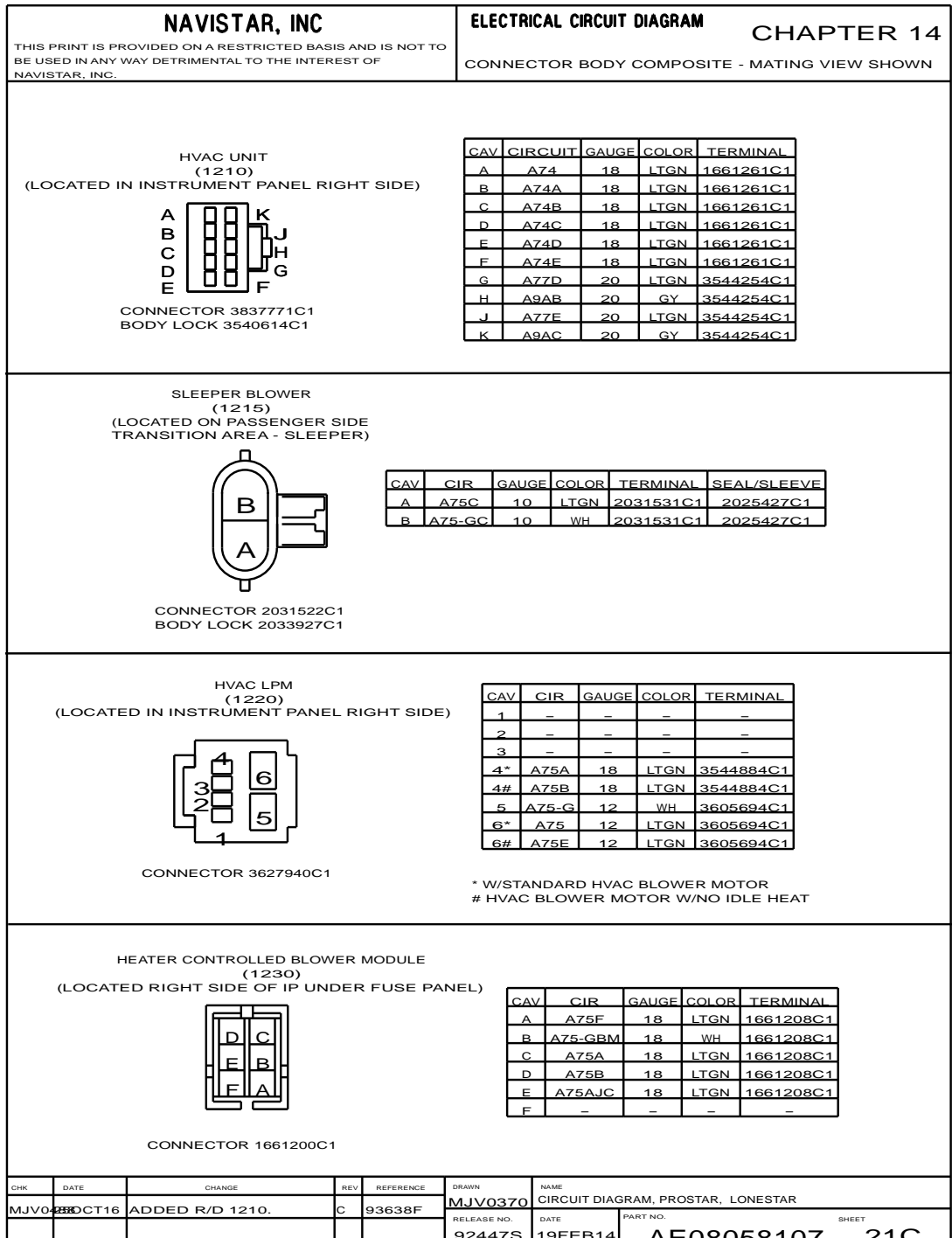


Figure 476 Connector Body Composite (1210), (1215), (1220), (1230)

14.58. CONNECTOR BODY COMPOSITE (1300), (1301), P. 22

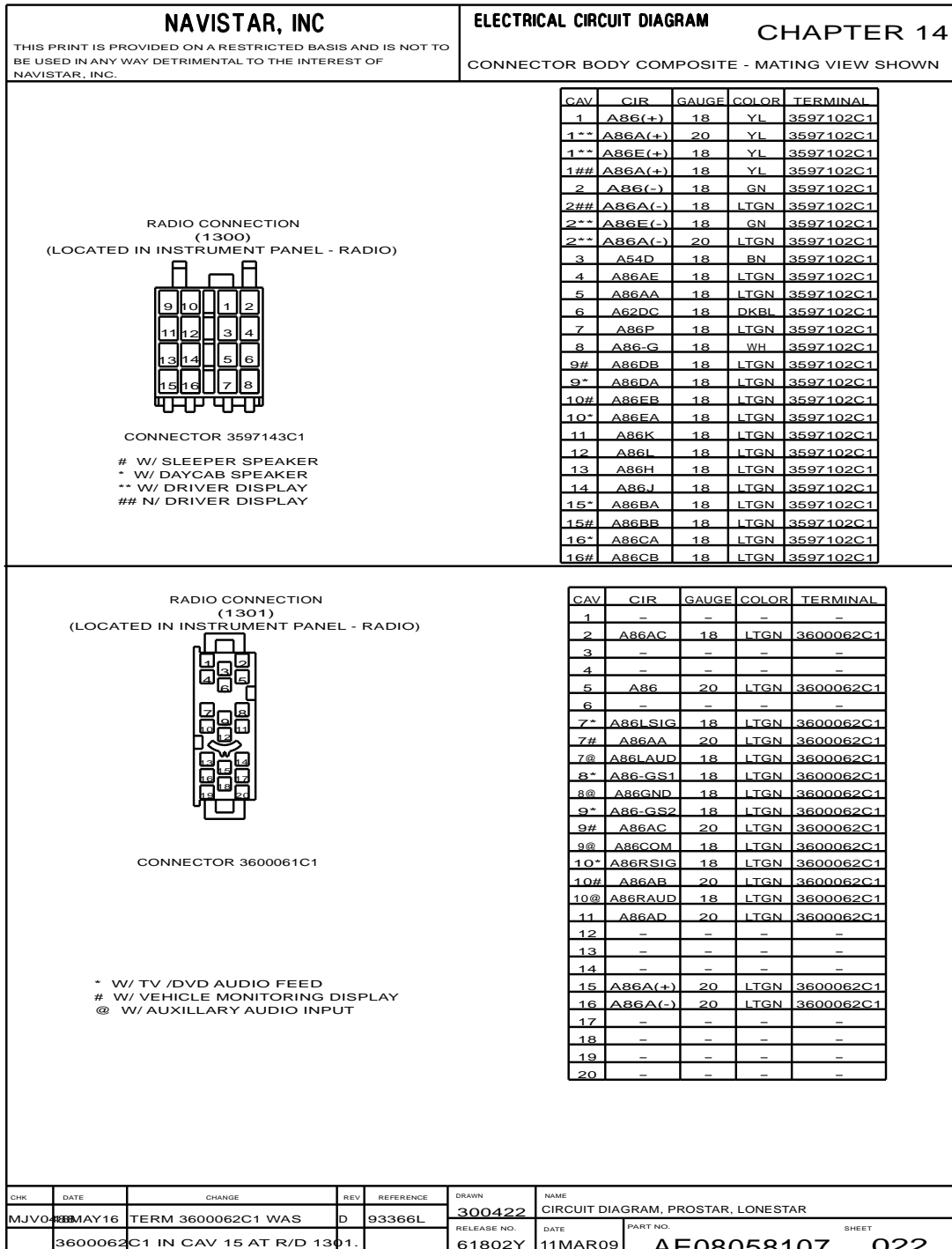


Figure 477 Connector Body Composite (1300), (1301)

14.59. CONNECTOR BODY COMPOSITE (1378), P. 22A

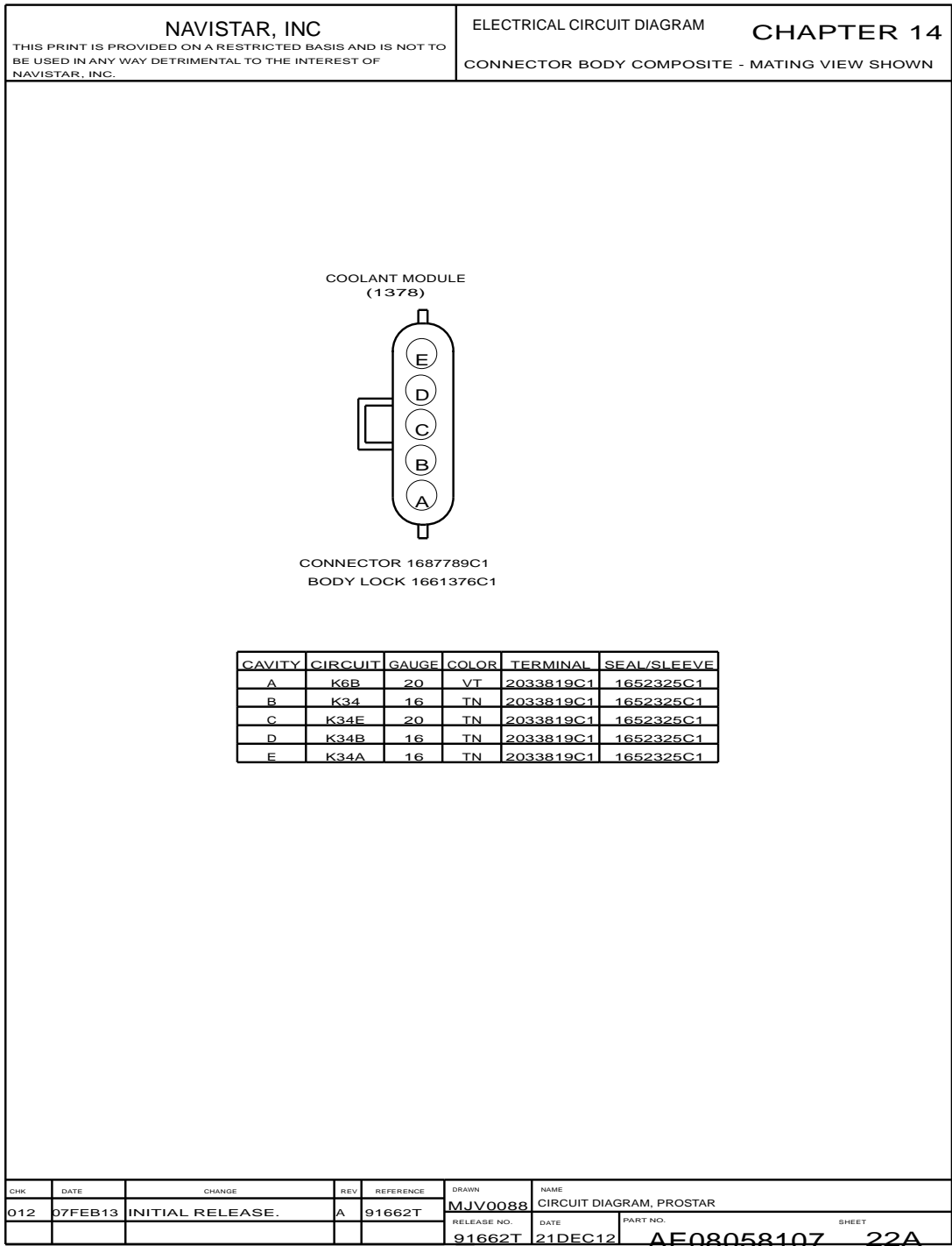
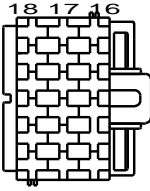


Figure 478 Connector Body Composite (1378)

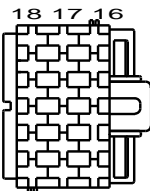
14.60. CONNECTOR BODY COMPOSITE (1400), (1401), (1402), P. 23

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 14</b>	
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN			

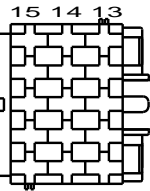
  

<p style="text-align: center;">ABS # 1 (1400) (LOCATED ON RIGHT-SIDE KICK PANEL - ABS MODULE)</p>  <p style="text-align: center;">CONNECTOR 3596926C1 BODY LOCK 3562309C1</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>A94-GA</td><td>12</td><td>WH</td><td>3597157C1</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>A94V</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>4</td><td>A94BN</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>5</td><td>A94BM</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>A5N(-)</td><td>18</td><td>GN</td><td>3598072C1</td></tr> <tr><td>8</td><td>A5N(+)</td><td>18</td><td>YL</td><td>3598072C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>A94BH</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>11</td><td>A94BF</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>12</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>13</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>14</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>16</td><td>A94-AY</td><td>12</td><td>GY</td><td>3597157C1</td></tr> <tr><td>17</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>18</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	A94-GA	12	WH	3597157C1	2	-	-	-	-	3	A94V	18	GY	3598072C1	4	A94BN	18	GY	3598072C1	5	A94BM	18	GY	3598072C1	6	-	-	-	-	7	A5N(-)	18	GN	3598072C1	8	A5N(+)	18	YL	3598072C1	9	-	-	-	-	10	A94BH	16	GY	3598073C1	11	A94BF	16	GY	3598073C1	12	-	-	-	-	13	-	-	-	-	14	-	-	-	-	15	-	-	-	-	16	A94-AY	12	GY	3597157C1	17	-	-	-	-	18	-	-	-	-
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3	A94A	18	GY	3598072C1																																																																																												
4	A94K	18	GY	3598072C1																																																																																												
5	A94C	16	GY	3598073C1																																																																																												
6	A94J	18	GY	3598072C1																																																																																												
7	A94H	18	GY	3598072C1																																																																																												
8	A94D	16	GY	3598073C1																																																																																												
9	A94BK	18	GY	3598072C1																																																																																												
10	A94BL	18	GY	3598072C1																																																																																												
11	A94E	16	GY	3598073C1																																																																																												
12	A94BB	18	GY	3598072C1																																																																																												
13	A94BJ	18	GY	3598072C1																																																																																												
14	A94F	16	GY	3598073C1																																																																																												
15	A94BE	16	GY	3598073C1																																																																																												
16	A94BC	18	GY	3598072C1																																																																																												
17	A94BA	18	GY	3598072C1																																																																																												
18	A94BD	16	GY	3598073C1																																																																																												

<p style="text-align: center;">ABS # 3 (1402) (LOCATED ON RIGHT-SIDE KICK PANEL ABS MODULE)</p>  <p style="text-align: center;">CONNECTOR 3596928C1</p>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr> </thead> <tbody> <tr><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>A94HA</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>3</td><td>A94SK</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>4</td><td>A94BP</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>5</td><td>A94SJ</td><td>18</td><td>GY</td><td>3598072C1</td></tr> <tr><td>6</td><td>A94BNN</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>7</td><td>A94BMM</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>A94BT</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>10</td><td>A94BU</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>11</td><td>A94BR</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>12</td><td>A94BW</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>13</td><td>A94BS</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>14</td><td>A94BQ</td><td>16</td><td>GY</td><td>3598073C1</td></tr> <tr><td>15</td><td>A94BV</td><td>16</td><td>GY</td><td>3598073C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	A94HA	18	GY	3598072C1	3	A94SK	18	GY	3598072C1	4	A94BP	16	GY	3598073C1	5	A94SJ	18	GY	3598072C1	6	A94BNN	16	GY	3598073C1	7	A94BMM	16	GY	3598073C1	8	-	-	-	-	9	A94BT	16	GY	3598073C1	10	A94BU	16	GY	3598073C1	11	A94BR	16	GY	3598073C1	12	A94BW	16	GY	3598073C1	13	A94BS	16	GY	3598073C1	14	A94BQ	16	GY	3598073C1	15	A94BV	16	GY	3598073C1
CAV	CIR	GAUGE	COLOR	TERMINAL																																																																													
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15	A94BV	16	GY	3598073C1																																																																													

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJVO	13 AUG 17	REMOVED CIRC FROM	D	94106N	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
					RELEASE NO.	DATE
					61802Y	12MAR09
						PART NO.
						AE08058107
						SHEET
						023

Figure 479 Connector Body Composite (1400), (1401), (1402)

14.61. CONNECTOR BODY COMPOSITE (1403), (1410), (1420), P. 24

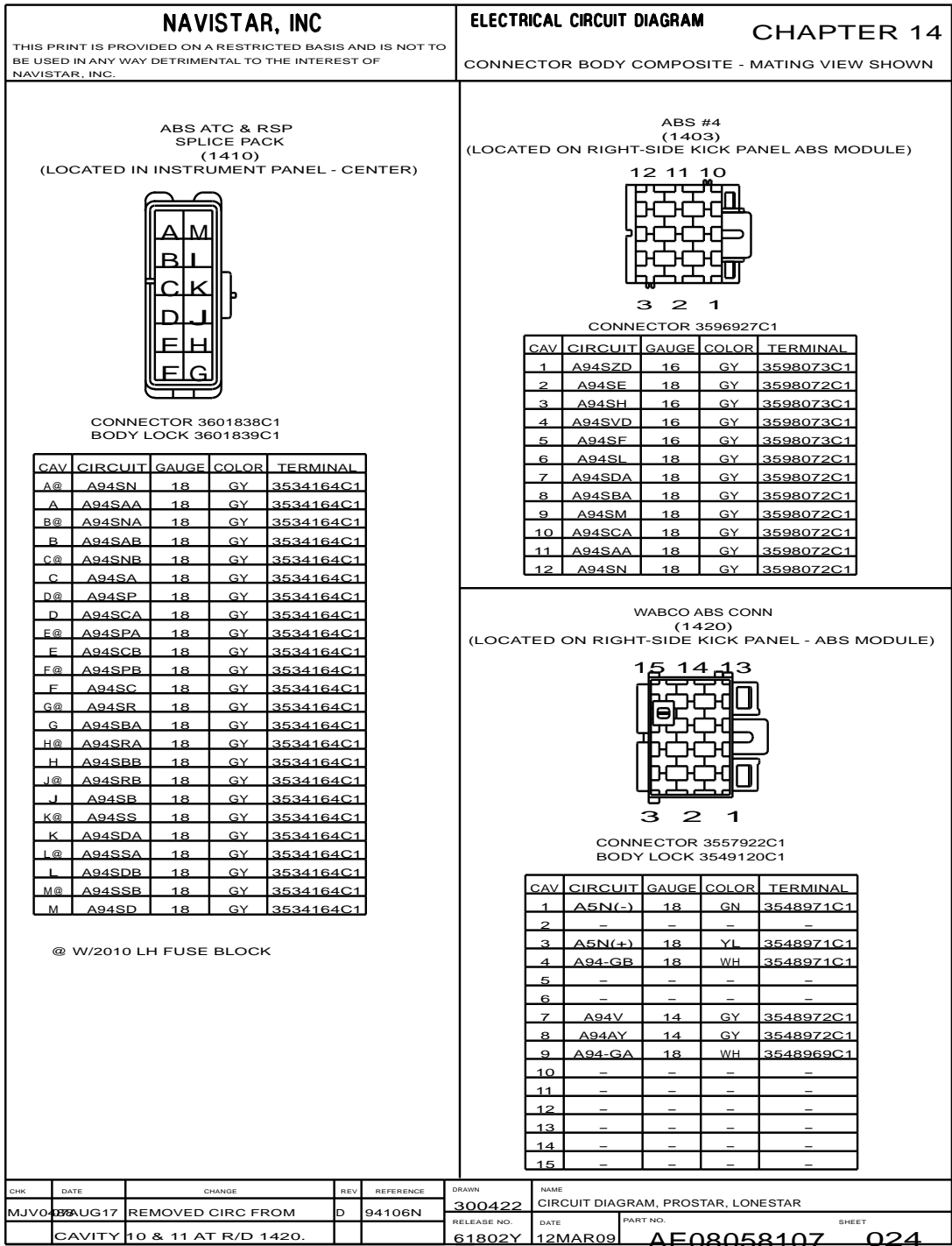


Figure 480 Connector Body Composite (1403), (1410), (1420)

14.62. CONNECTOR BODY COMPOSITE (1421), (1422), (1500), (1501), P. 25

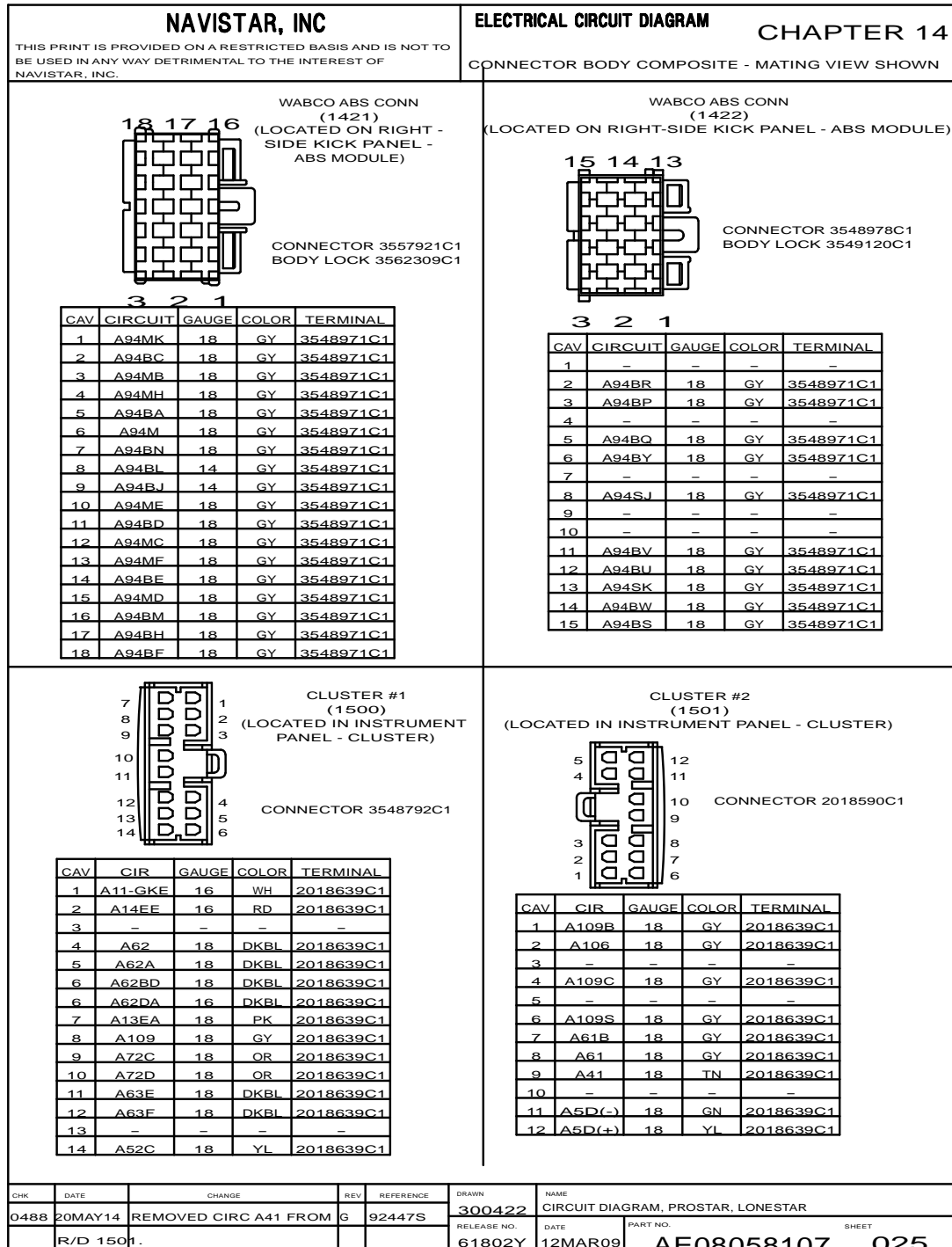


Figure 481 Connector Body Composite (1421), (1422), (1500), (1501)

14.63. CONNECTOR BODY COMPOSITE (1423), (1500), (1501), P. 25A

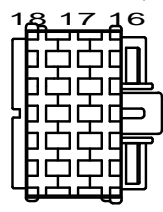
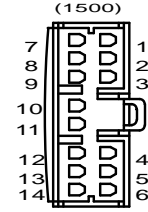
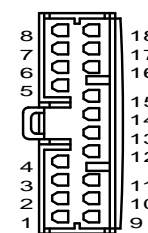
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 14</b>																																																																																																					
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																							
<p>WABCO ABS CONN (1423) (LOCATED ON RIGHT - SIDE KICK PANEL - ABS MODULE)</p>  <p>CONNECTOR 3846885C1 BODY LOCK 3562309C1</p> <p>@ W/ 2010 LH FUSE BLOCK</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1@</td><td>A94SS</td><td>18</td><td>GY</td><td>3548971C1</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3@</td><td>A94SR</td><td>18</td><td>GY</td><td>3548971C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>7@</td><td>A94SN</td><td>18</td><td>GY</td><td>3548971C1</td></tr> <tr><td>8</td><td>A94BY</td><td>18</td><td>GY</td><td>3548971C1</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10@</td><td>A94SP</td><td>18</td><td>GY</td><td>3548971C1</td></tr> <tr><td>11</td><td>A94-GCC</td><td>18</td><td>WH</td><td>3548971C1</td></tr> <tr><td>12</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>13@</td><td>A94SI</td><td>18</td><td>GY</td><td>3548971C1</td></tr> <tr><td>14</td><td>A94MN</td><td>18</td><td>GY</td><td>3548971C1</td></tr> <tr><td>15</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>16@</td><td>A94SM</td><td>18</td><td>GY</td><td>3548971C1</td></tr> <tr><td>17</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>18</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1@	A94SS	18	GY	3548971C1	2	-	-	-	-	3@	A94SR	18	GY	3548971C1	4	-	-	-	-	5	-	-	-	-	6	-	-	-	-	7@	A94SN	18	GY	3548971C1	8	A94BY	18	GY	3548971C1	9	-	-	-	-	10@	A94SP	18	GY	3548971C1	11	A94-GCC	18	WH	3548971C1	12	-	-	-	-	13@	A94SI	18	GY	3548971C1	14	A94MN	18	GY	3548971C1	15	-	-	-	-	16@	A94SM	18	GY	3548971C1	17	-	-	-	-	18	-	-	-	-					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																							
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<p>CLUSTER #1 (1500)</p>  <p>CONNECTOR 3548792C1</p> <p>* PANEL LIGHT FEED MOTORIZED MIRRORS # PANEL LIGHT FEED ADAPTER-BUS BAR</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>A11-GKE</td><td>16</td><td>WH</td><td>2018639C1</td></tr> <tr><td>2</td><td>A14EE</td><td>16</td><td>RD</td><td>2018639C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>A62</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>5</td><td>A62A</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>6*</td><td>A62BD</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>6#</td><td>A62DA</td><td>16</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>7</td><td>A13EA</td><td>18</td><td>PK</td><td>2018639C1</td></tr> <tr><td>8</td><td>A109</td><td>18</td><td>GY</td><td>2018639C1</td></tr> <tr><td>9</td><td>A72C</td><td>18</td><td>OR</td><td>2018639C1</td></tr> <tr><td>10</td><td>A72D</td><td>18</td><td>OR</td><td>2018639C1</td></tr> <tr><td>11</td><td>A63E</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>12</td><td>A63F</td><td>18</td><td>DKBL</td><td>2018639C1</td></tr> <tr><td>13</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>14</td><td>A52C</td><td>18</td><td>YL</td><td>2018639C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A11-GKE	16	WH	2018639C1	2	A14EE	16	RD	2018639C1	3	PLUG	-	-	-	4	A62	18	DKBL	2018639C1	5	A62A	18	DKBL	2018639C1	6*	A62BD	18	DKBL	2018639C1	6#	A62DA	16	DKBL	2018639C1	7	A13EA	18	PK	2018639C1	8	A109	18	GY	2018639C1	9	A72C	18	OR	2018639C1	10	A72D	18	OR	2018639C1	11	A63E	18	DKBL	2018639C1	12	A63F	18	DKBL	2018639C1	13	PLUG	-	-	-	14	A52C	18	YL	2018639C1																				
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14	A52C	18	YL	2018639C1																																																																																																							
<p>ADD TRANS MODULE 1 (1501)</p>  <p>CONNECTOR 2018589C1</p> <p>* MUTUALLY EXCLUSIVE</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>K92#101</td><td>18</td><td>LT BL</td><td>2018639C1</td></tr> <tr><td>2</td><td>K92#103</td><td>18</td><td>YL</td><td>2018639C1</td></tr> <tr><td>3</td><td>K92#105</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>4</td><td>K92#109</td><td>18</td><td>GY</td><td>2018639C1</td></tr> <tr><td>5</td><td>K92#110</td><td>18</td><td>PK</td><td>2018639C1</td></tr> <tr><td>6*</td><td>K92A117</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td></td><td>K92#117</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>7</td><td>K92#122</td><td>18</td><td>YL</td><td>2018639C1</td></tr> <tr><td>8</td><td>K92#123</td><td>18</td><td>LT BL</td><td>2018639C1</td></tr> <tr><td>9</td><td>K92#115</td><td>18</td><td>WH</td><td>2018639C1</td></tr> <tr><td>10</td><td>K92#130</td><td>18</td><td>WH</td><td>2018639C1</td></tr> <tr><td>11</td><td>K92#134</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>12</td><td>K92#141</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>13</td><td>K92#143</td><td>18</td><td>LT BL</td><td>2018639C1</td></tr> <tr><td>14</td><td>K92#145</td><td>18</td><td>OR</td><td>2018639C1</td></tr> <tr><td>15</td><td>K92#119</td><td>18</td><td>LT BL</td><td>2018639C1</td></tr> <tr><td>16</td><td>K92#124</td><td>18</td><td>TN</td><td>2018639C1</td></tr> <tr><td>17</td><td>K92#162</td><td>18</td><td>YL</td><td>2018639C1</td></tr> <tr><td>18</td><td>K92#163</td><td>18</td><td>TN</td><td>2018639C1</td></tr> </tbody> </table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	K92#101	18	LT BL	2018639C1	2	K92#103	18	YL	2018639C1	3	K92#105	18	TN	2018639C1	4	K92#109	18	GY	2018639C1	5	K92#110	18	PK	2018639C1	6*	K92A117	18	TN	2018639C1		K92#117	18	TN	2018639C1	7	K92#122	18	YL	2018639C1	8	K92#123	18	LT BL	2018639C1	9	K92#115	18	WH	2018639C1	10	K92#130	18	WH	2018639C1	11	K92#134	18	TN	2018639C1	12	K92#141	18	TN	2018639C1	13	K92#143	18	LT BL	2018639C1	14	K92#145	18	OR	2018639C1	15	K92#119	18	LT BL	2018639C1	16	K92#124	18	TN	2018639C1	17	K92#162	18	YL	2018639C1	18	K92#163	18	TN	2018639C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																							
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6*	K92A117	18	TN	2018639C1																																																																																																							
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7	K92#122	18	YL	2018639C1																																																																																																							
8	K92#123	18	LT BL	2018639C1																																																																																																							
9	K92#115	18	WH	2018639C1																																																																																																							
10	K92#130	18	WH	2018639C1																																																																																																							
11	K92#134	18	TN	2018639C1																																																																																																							
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13	K92#143	18	LT BL	2018639C1																																																																																																							
14	K92#145	18	OR	2018639C1																																																																																																							
15	K92#119	18	LT BL	2018639C1																																																																																																							
16	K92#124	18	TN	2018639C1																																																																																																							
17	K92#162	18	YL	2018639C1																																																																																																							
18	K92#163	18	TN	2018639C1																																																																																																							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																																																					
0638	14OCT14	ADDED EFFECT W/ 2010	D	92715R	U01A120	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																																																																					
LH FUSE		BLOCK IN 1423.			RELEASE NO.	DATE	PART NO.																																																																																																				
					52250B	03FEB11	AE08058107 25A																																																																																																				

Figure 482 Connector Body Composite (1423), (1500), (1501)



14.64. CONNECTOR BODY COMPOSITE (1501), (1502), P. 26

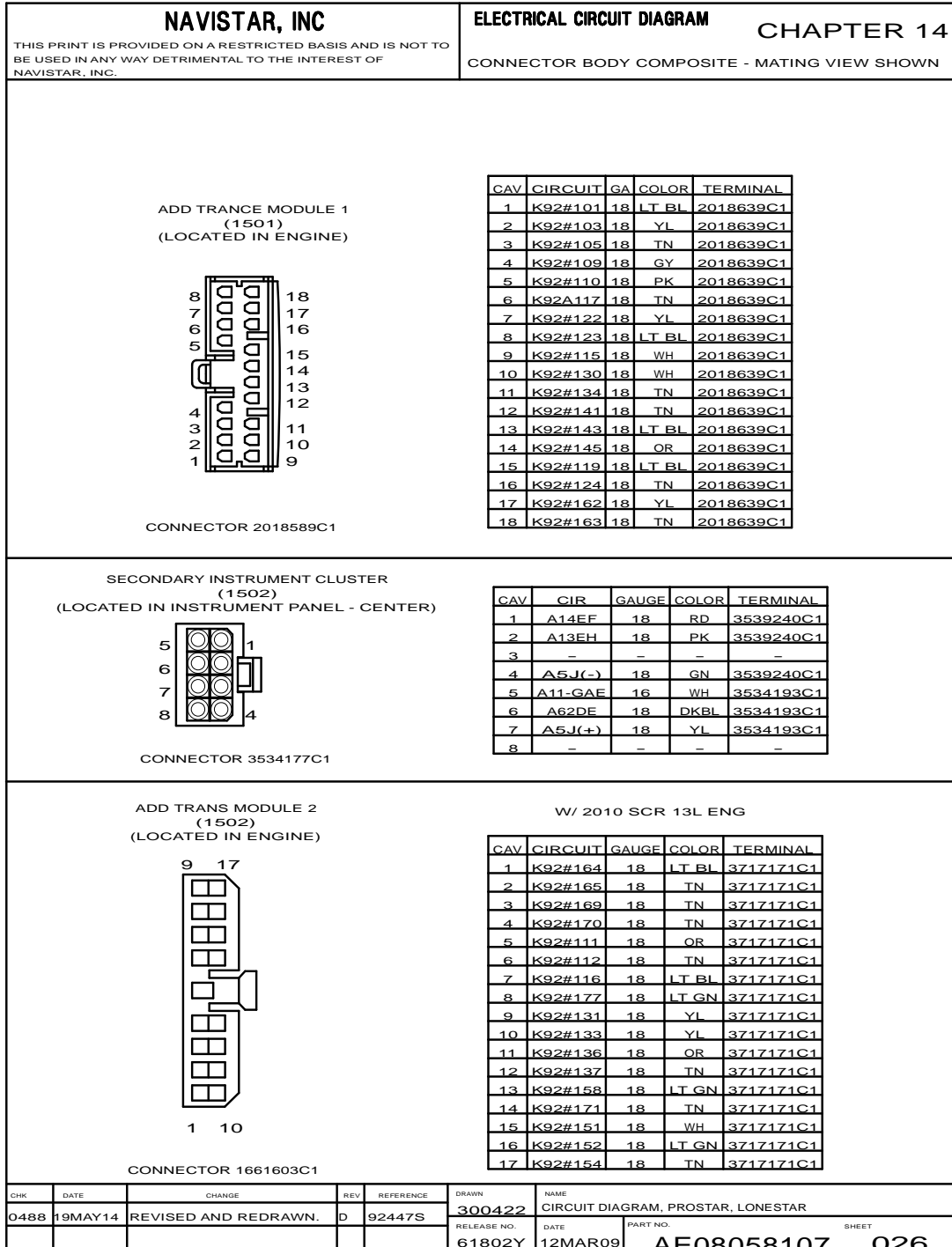


Figure 483 Connector Body Composite (1501), (1502)

14.65. CONNECTOR BODY COMPOSITE (1503), (1510), P. 26A

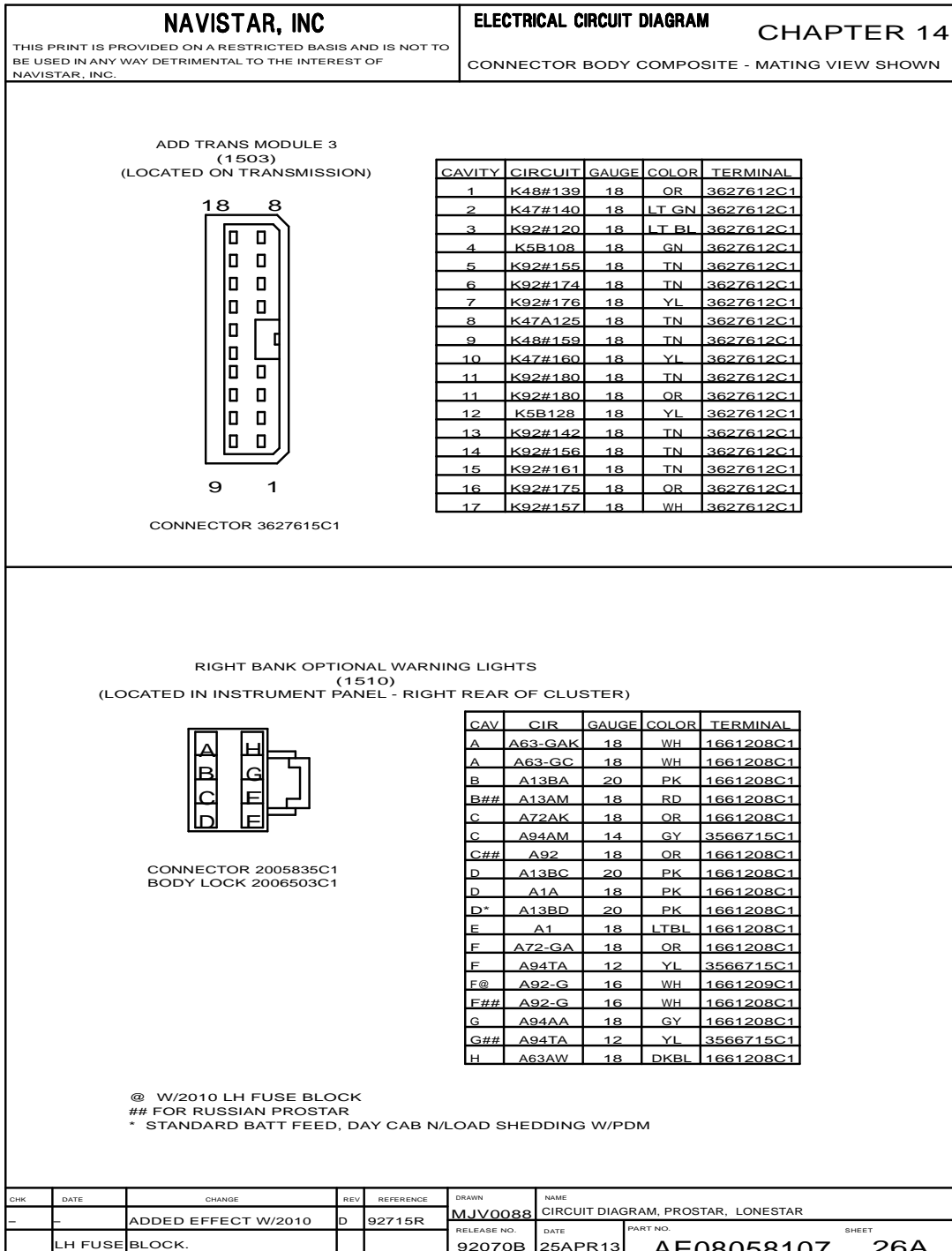


Figure 484 Connector Body Composite (1503), (1510)

14.66. CONNECTOR BODY COMPOSITE (1511), (1512), (1550), (1559), P. 27

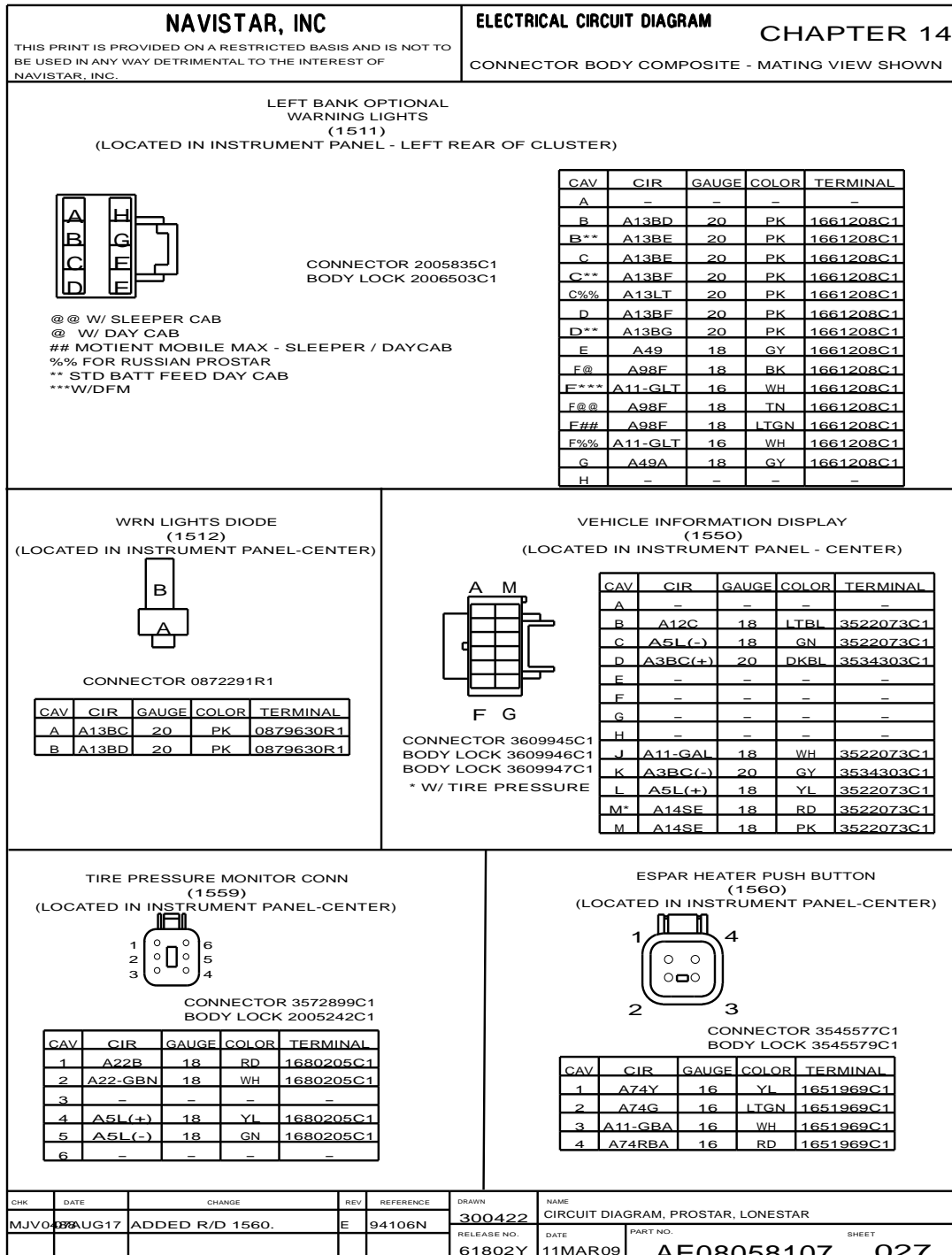


Figure 485 Connector Body Composite (1511), (1512), (1550), (1559)

14.67. CONNECTOR BODY COMPOSITE (1600), P. 28

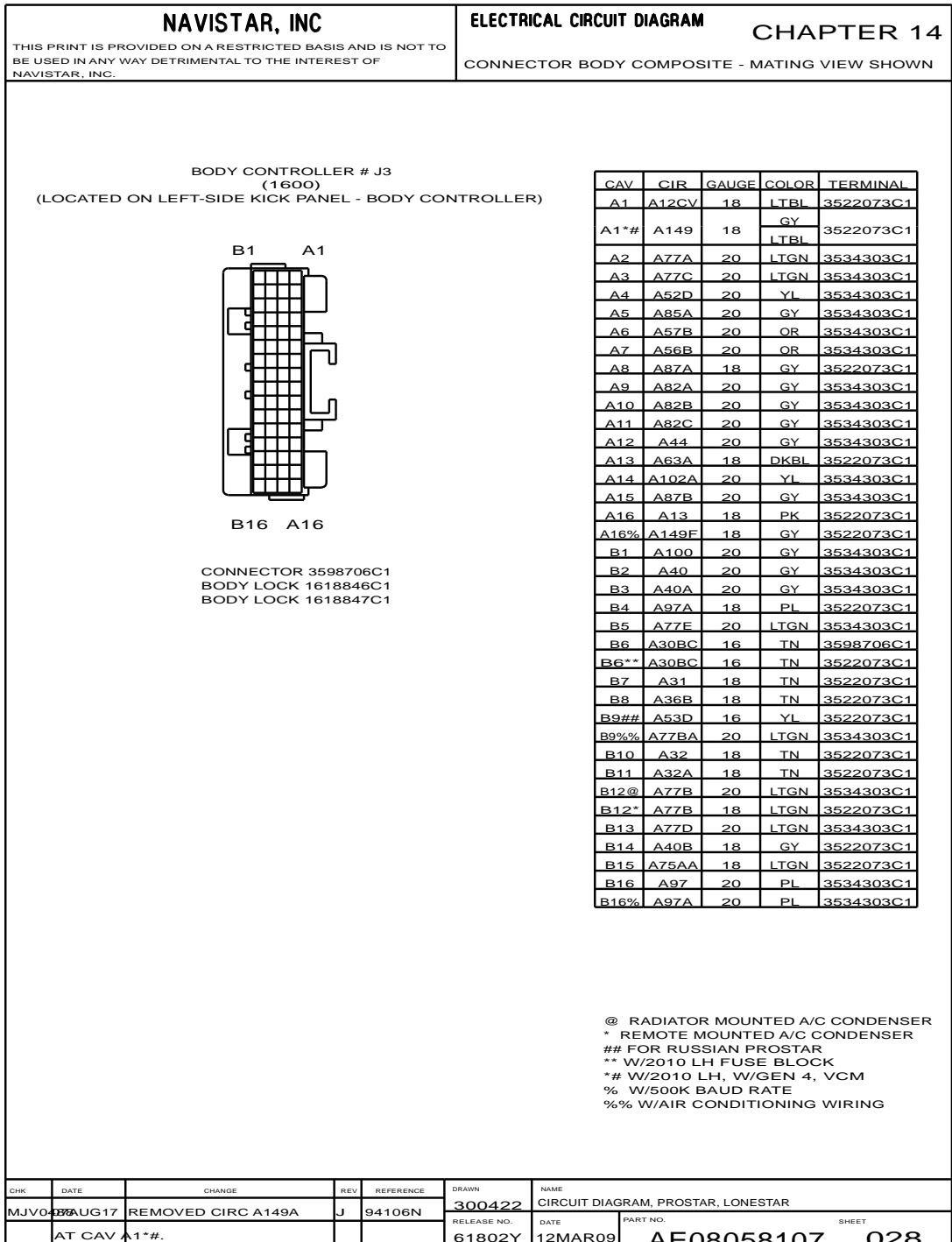


Figure 486 Connector Body Composite (1600)

14.68. CONNECTOR BODY COMPOSITE (1601), P. 29

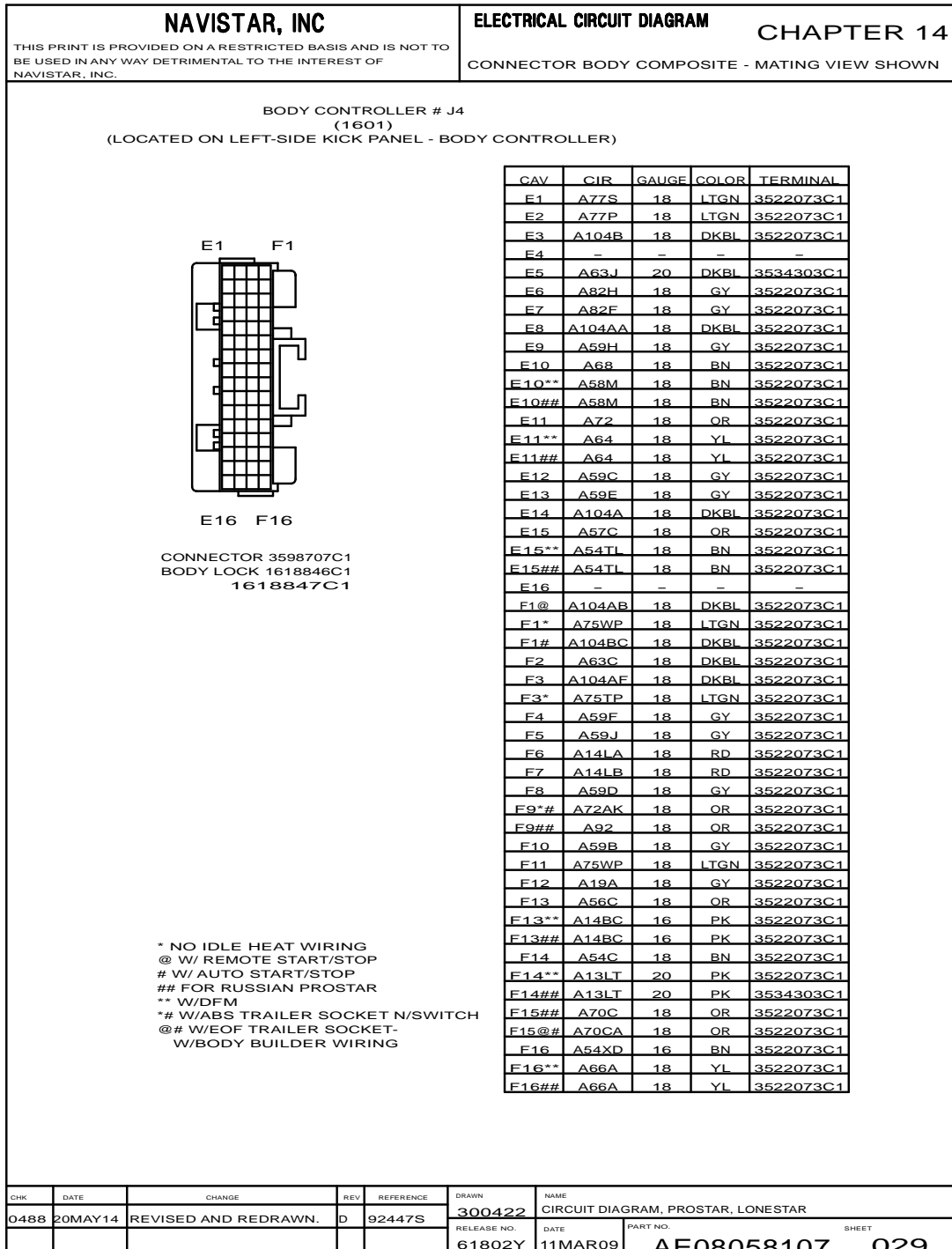


Figure 487 Connector Body Composite (1601)

14.69. CONNECTOR BODY COMPOSITE (1602), P. 30

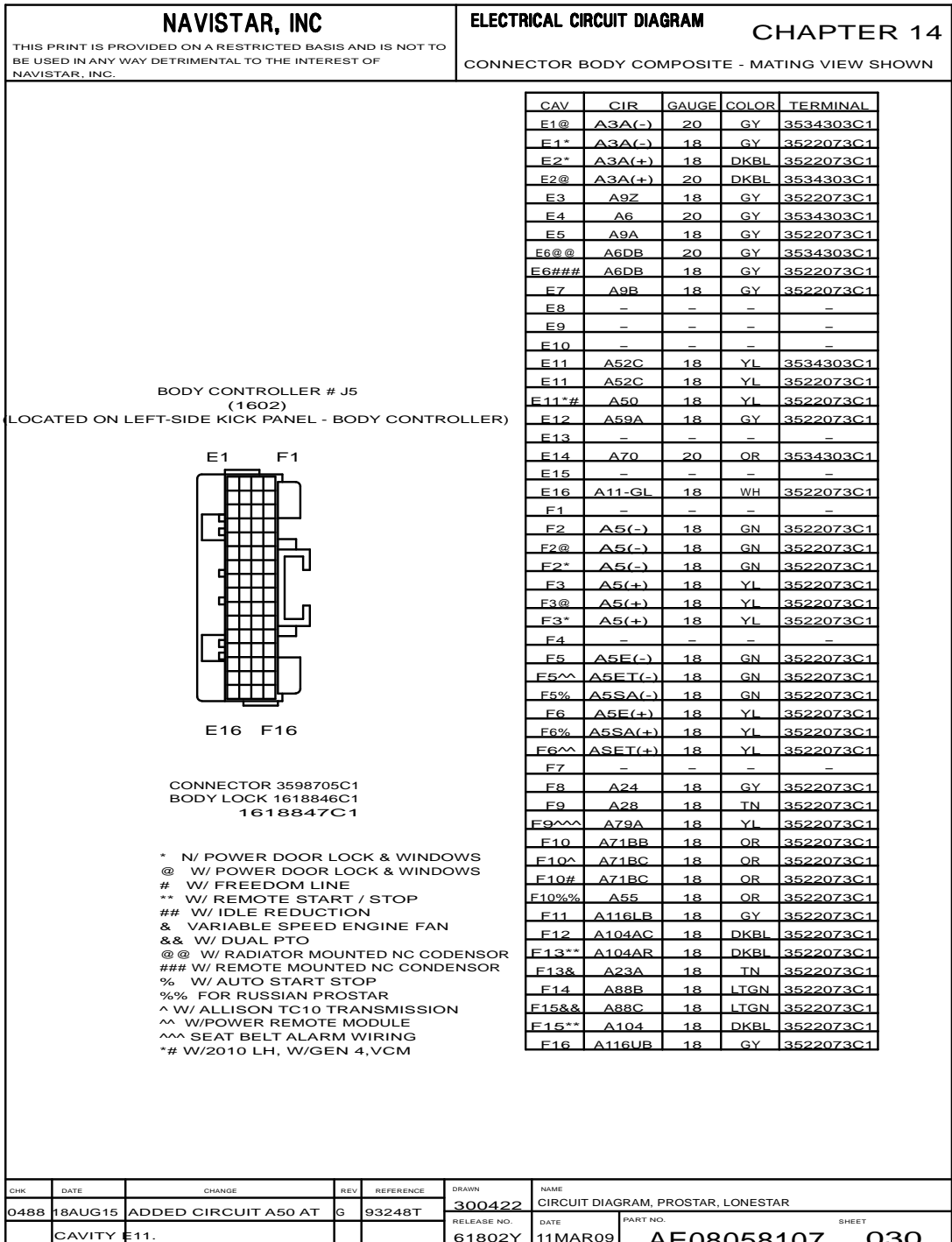


Figure 488 Connector Body Composite (1602)

14.70. CONNECTOR BODY COMPOSITE (1603), (1604), P. 31

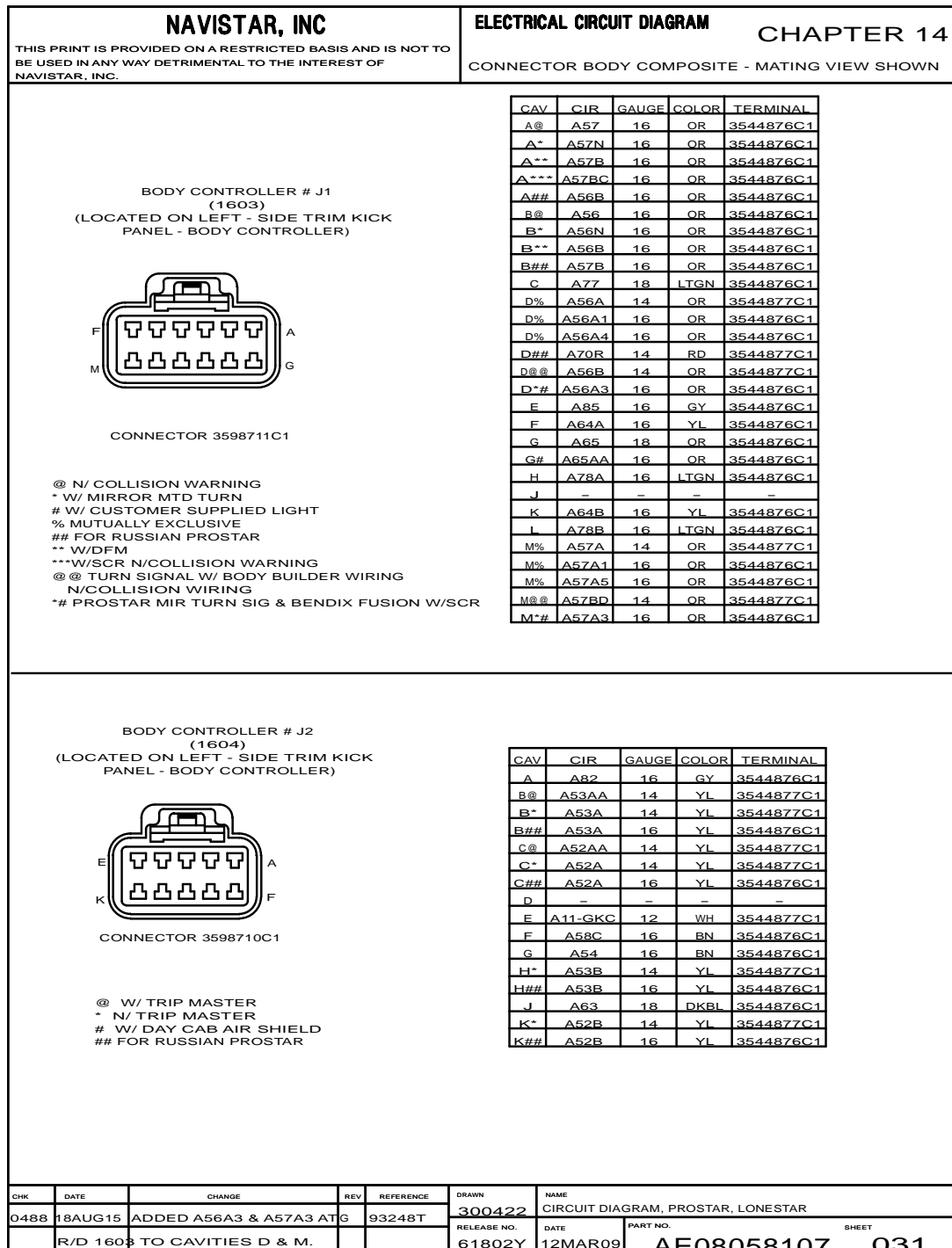


Figure 489 Connector Body Composite (1603), (1604)

14.71. CONNECTOR BODY COMPOSITE (1605), (1606), (1607), (1610), P. 31A

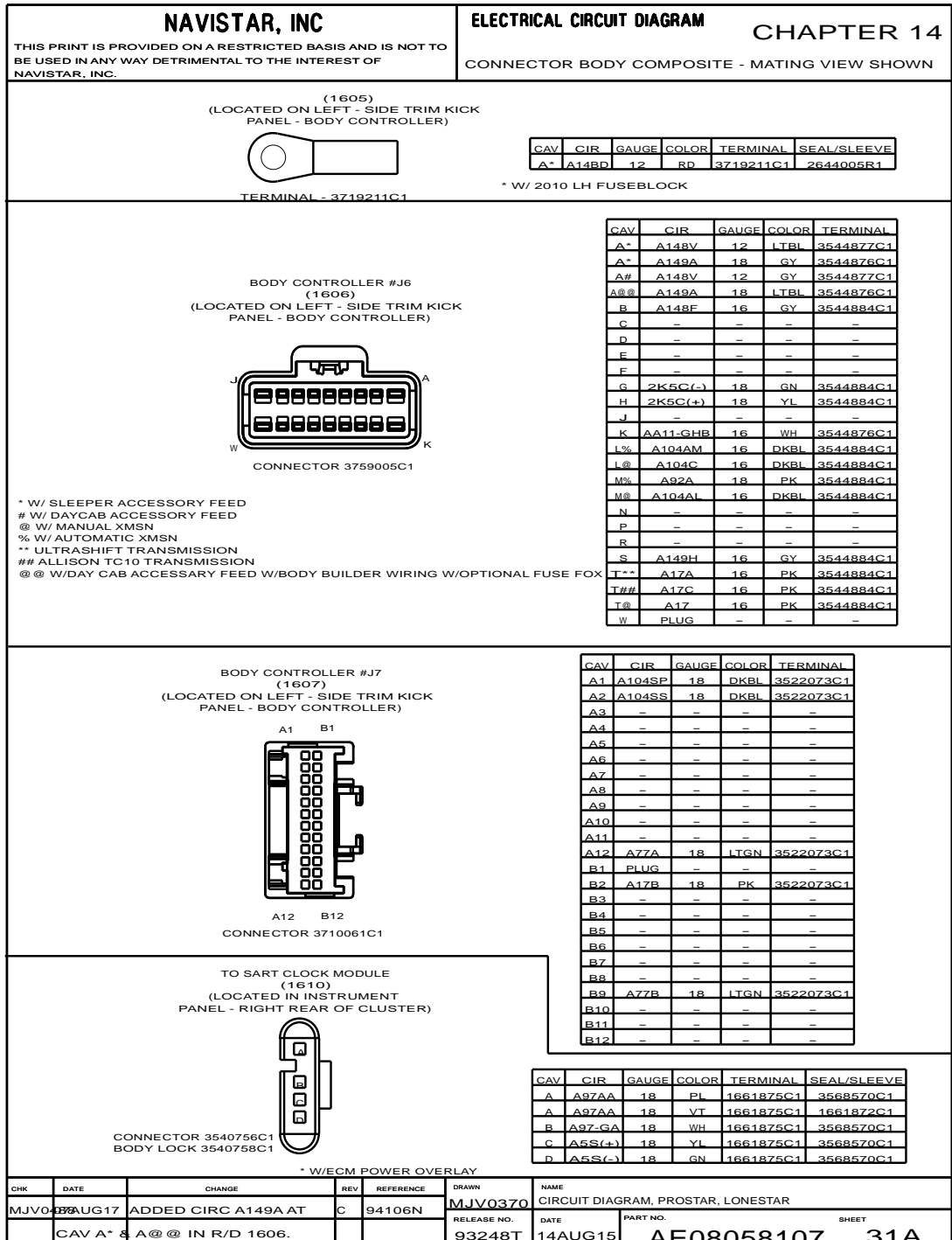


Figure 490 Connector Body Composite (1605), (1606), (1607), (1610)



14.72. CONNECTOR BODY COMPOSITE (1620), (1650), P. 32

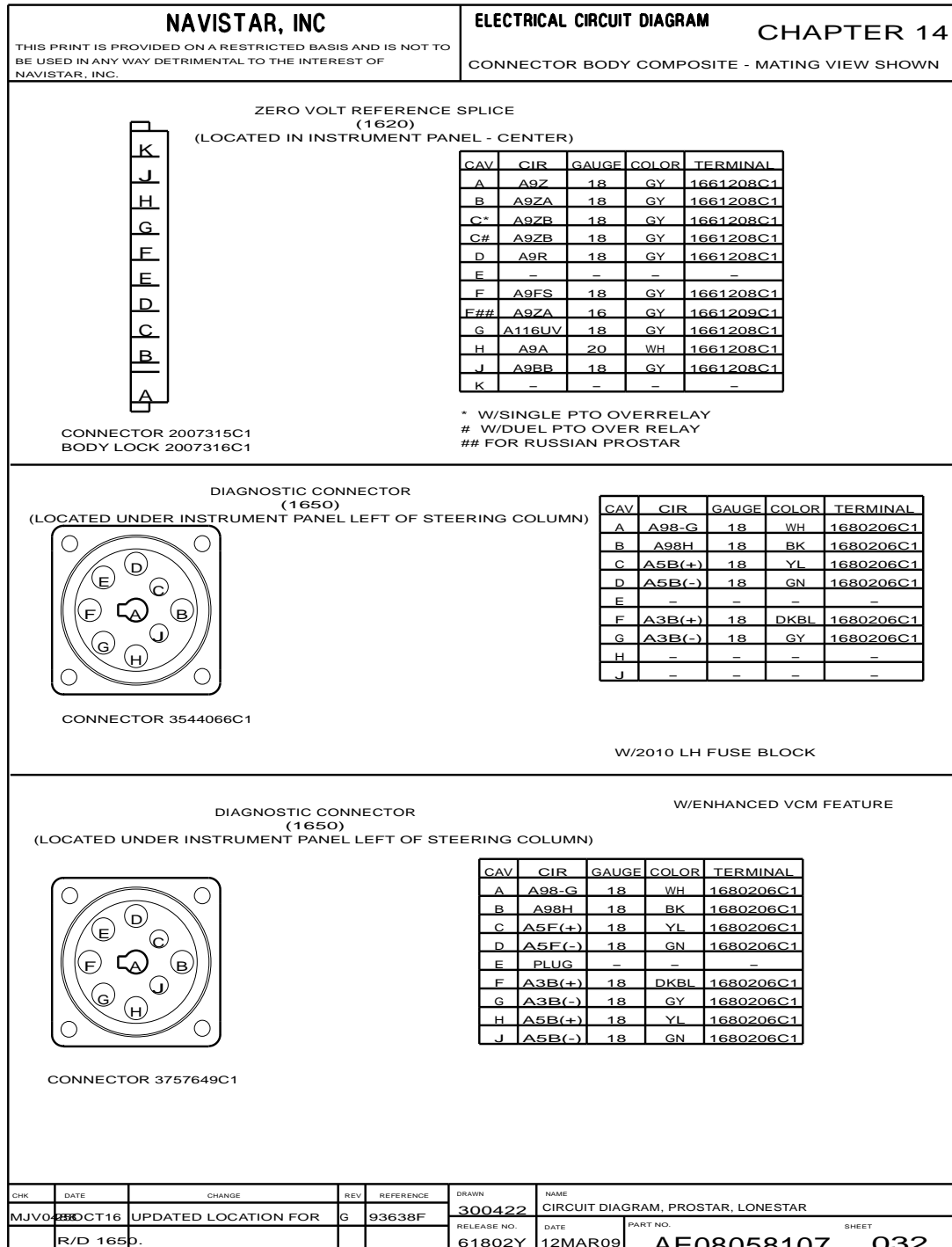


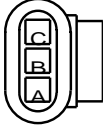
Figure 491 Connector Body Composite (1620), (1650)

14.73. CONNECTOR BODY COMPOSITE (1660), (1661), (1657M), (1657MA), P. 33

<p><b>NAVISTAR, INC</b></p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p><b>ELECTRICAL CIRCUIT DIAGRAM</b></p> <p><b>CHAPTER 14</b></p> <p>CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN</p>
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J1939 PRIVATE  
TERMINATING RESISTOR  
(1657M/1657MA)  
(LOCATED IN INSTRUMENT PANEL OPPOSITE TO FUSEBLOCK - CENTER)

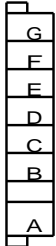


CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL
A	A5SB(+)	18	YL	1661875C1	3568570C1
B	-	-	-	-	2005431C1
C	A5SB(-)	18	GN	1661875C1	3568570C1

CONNECTOR 1667741C1  
BODY LOCK 1667771C1

J1708 PUBLIC(+)  
CONNECTOR  
(1660)  
(LOCATED IN INSTRUMENT PANEL LEFT SIDE)



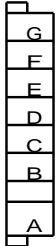
CONNECTOR 2006789C1  
BODY LOCK 2006792C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	A3B(+)	18	DKBL	1661208C1
B*	A98A(+)	18	DKBL	1661208C1
B**	A3BD(+)	18	DKBL	1661208C1
C	A3M(+)	18	DKBL	1661208C1
D	A3BC(+)	20	DKBL	1661208C1
E@	A3BN(+)	18	DKBL	1661208C1
E#	A3BD(+)	20	DKBL	1661208C1
F	A3BD(+)	18	DKBL	1661208C1
F#	A3CE(+)	18	DKBL	1661208C1
F*	A3BE(+)	20	DKBL	1661208C1
F**	A3BD(+)	18	DKBL	1661208C1
F#	A3FD(+)	18	DKBL	1661208C1
G	-	-	-	-

\* W/ DAY CAB  
\*\* W/ SLEEPER  
@ W/ TELEMATICS  
# W/2010 LH FUSE BLOCK

J1708 PUBLIC(-)  
CONNECTOR  
(1661)  
(LOCATED IN INSTRUMENT PANEL LEFT SIDE)



CONNECTOR 2006789C1  
BODY LOCK 2006792C1

CAV	CIR	GAUGE	COLOR	TERMINAL
A	A3B(-)	18	GY	1661208C1
B*	A98B(-)	18	GY	1661208C1
B**	A98BD(-)	18	GY	1661208C1
C	A3M(-)	18	GY	1661208C1
D	A3BC(-)	20	GY	1661208C1
E@	A3BN(-)	18	GY	1661208C1
F	A3BD(-)	18	GY	1661208C1
E#	A3BD(-)	20	GY	1661208C1
F#	A3CE(-)	18	GY	1661208C1
F**	A3BD(-)	18	GY	1661208C1
F*	A3BE(-)	20	GY	1661208C1
F#	A3FD(-)	18	GY	1661208C1
G	-	-	-	-

\* W/ DAY CAB  
\*\* W/ SLEEPER  
@ W/ TELEMATICS  
# W/2010 LH FUSE BLOCK

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
MJV0	13 AUG 17	REMOVED CIR A3BA(+)	F	94106N	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR
		& A3BA(-) AT R/D 1660, 1661.			RELEASE NO. 61802Y	DATE 12MAR09
						PART NO. AE08058107
						SHEET 033

Figure 492 Connector Body Composite (1660), (1661), (1657M), (1657MA)

14.74. CONNECTOR BODY COMPOSITE (1700), P. 34

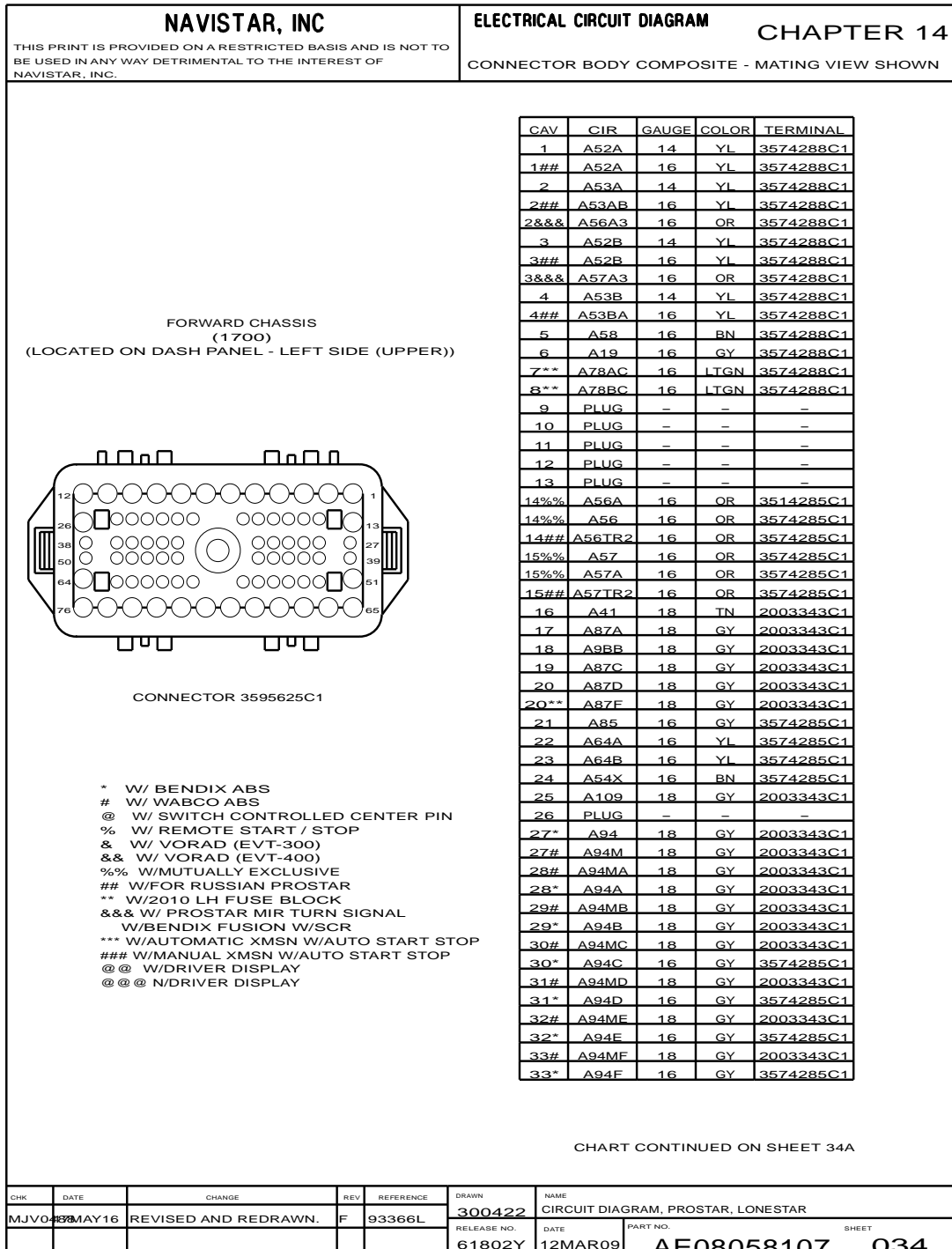


Figure 493 Connector Body Composite (1700)

14.75. CONNECTOR BODY COMPOSITE (1700), P. 34A

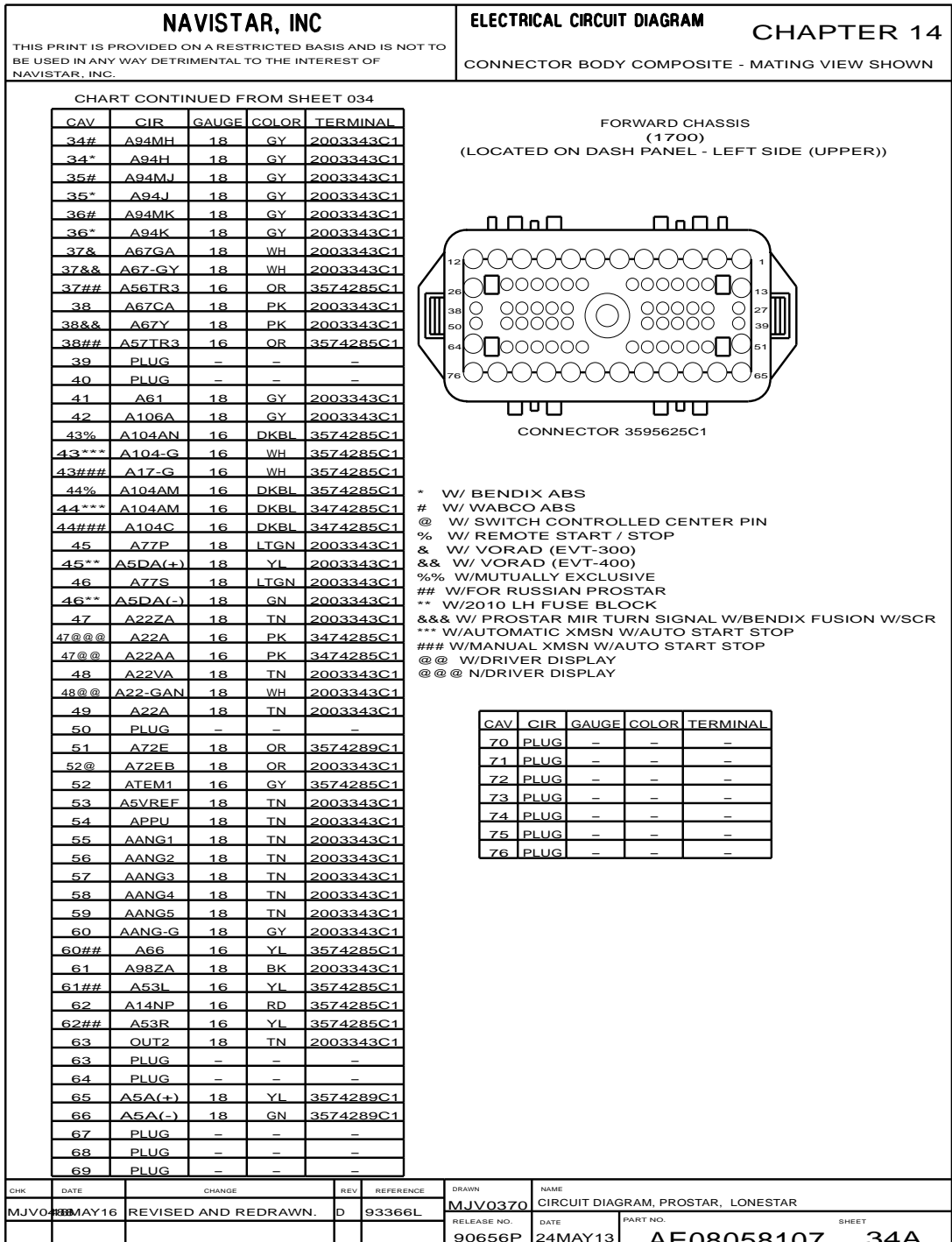


Figure 494 Connector Body Composite (1700)

14.76. CONNECTOR BODY COMPOSITE (1700F), P. 35

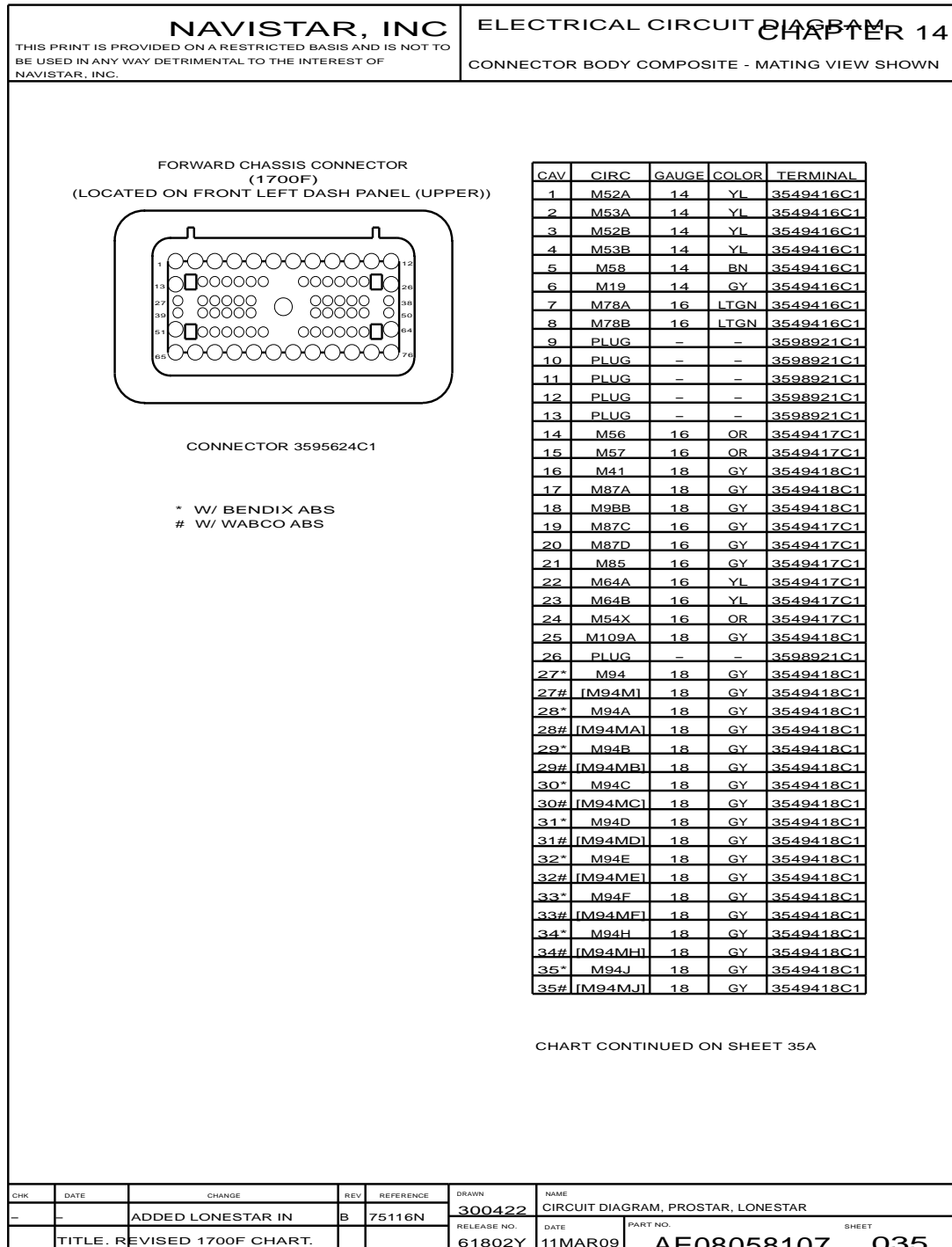


Figure 495 Connector Body Composite (1700F)

14.77. CONNECTOR BODY COMPOSITE (1700F), P. 35A

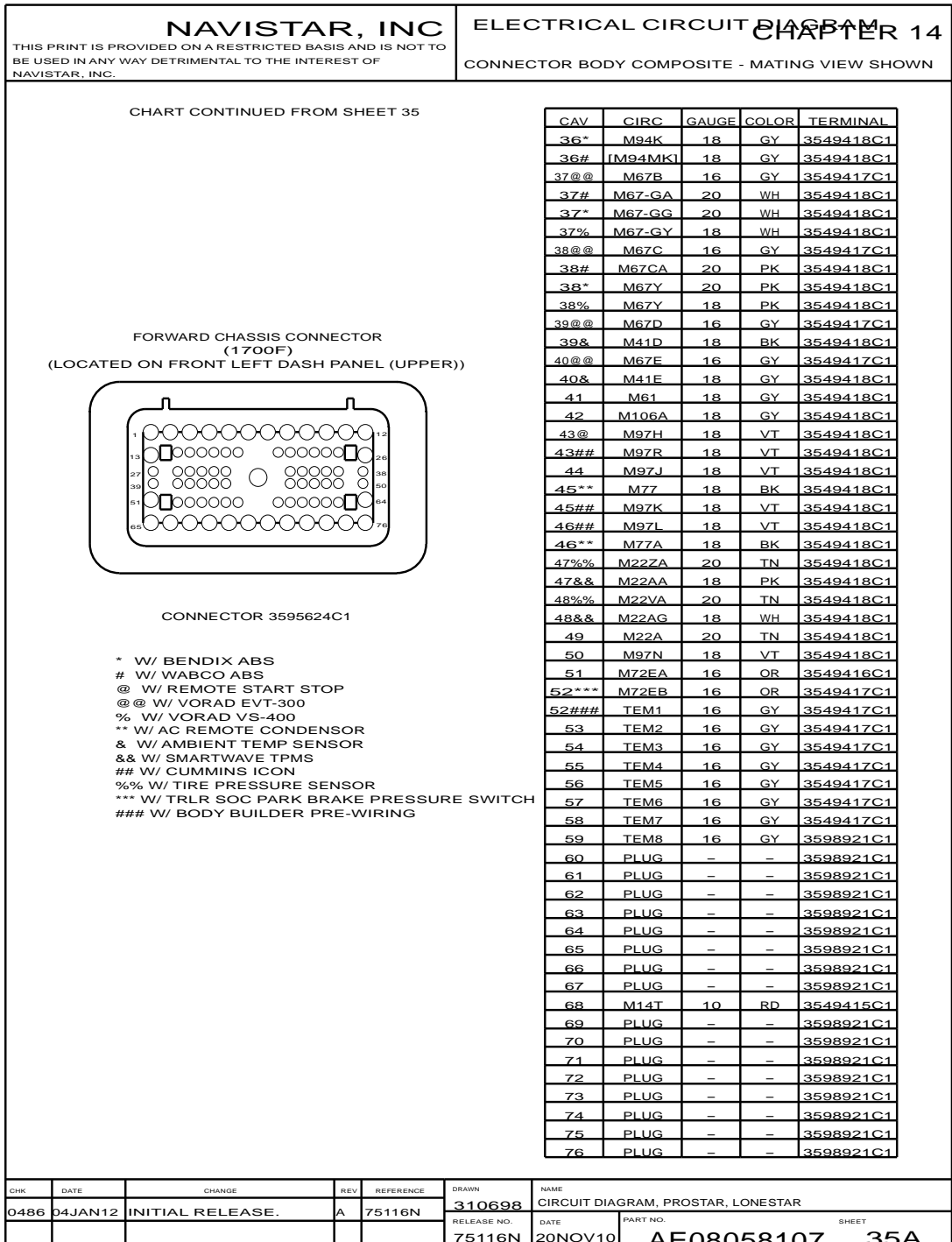


Figure 496 Connector Body Composite (1700F)

14.78. CONNECTOR BODY COMPOSITE (1701), P. 36

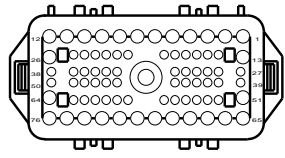
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<p>CENTER CHASSIS (1701) (LOCATED ON DASH PANEL - LEFT SIDE (LOWER))</p>  <p>CONNECTOR 3595623C1</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>26%%%</td><td>A64TLA</td><td>16</td><td>YL</td><td>3574288C1</td></tr> <tr><td>26* @</td><td>A74Y</td><td>16</td><td>YL</td><td>3574288C1</td></tr> <tr><td>26&amp;</td><td>A72CB</td><td>12</td><td>OR</td><td>3574287C1</td></tr> <tr><td>27</td><td>A36B</td><td>18</td><td>TN</td><td>2003343C1</td></tr> <tr><td>28</td><td>A9BC</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>29</td><td>A14BC</td><td>18</td><td>RD</td><td>3549418C1</td></tr> <tr><td>29&amp;#</td><td>A5U(+)</td><td>18</td><td>YL</td><td>2003343C1</td></tr> <tr><td>30</td><td>A39A</td><td>16</td><td>GY</td><td>3574285C1</td></tr> <tr><td>31</td><td>A39</td><td>16</td><td>GY</td><td>3574285C1</td></tr> <tr><td>32</td><td>A59A</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>33</td><td>A59B</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>34</td><td>A59C</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>35</td><td>A59D</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>35@@@</td><td>A59DB</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>36</td><td>A59E</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>36@@@</td><td>A59EB</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>37</td><td>A59F</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>38</td><td>A59H</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>39</td><td>A59J</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>40</td><td>A61B</td><td>18</td><td>GY</td><td>2003343C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	26%%%	A64TLA	16	YL	3574288C1	26* @	A74Y	16	YL	3574288C1	26&	A72CB	12	OR	3574287C1	27	A36B	18	TN	2003343C1	28	A9BC	18	GY	2003343C1	29	A14BC	18	RD	3549418C1	29&#	A5U(+)	18	YL	2003343C1	30	A39A	16	GY	3574285C1	31	A39	16	GY	3574285C1	32	A59A	18	GY	2003343C1	33	A59B	18	GY	2003343C1	34	A59C	18	GY	2003343C1	35	A59D	18	GY	2003343C1	35@@@	A59DB	18	GY	2003343C1	36	A59E	18	GY	2003343C1	36@@@	A59EB	18	GY	2003343C1	37	A59F	18	GY	2003343C1	38	A59H	18	GY	2003343C1	39	A59J	18	GY	2003343C1	40	A61B	18	GY	2003343C1	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1#</td><td>A71B</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>1</td><td>A71BA</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>1%%%</td><td>A71BU</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>2%%</td><td>A56A</td><td>14</td><td>OR</td><td>3574288C1</td></tr> <tr><td>2**</td><td>A56A</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>2**</td><td>A56A3</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>2%%%</td><td>A64A</td><td>16</td><td>YL</td><td>3574288C1</td></tr> <tr><td>2**</td><td>A56A5</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>3%%</td><td>A57A</td><td>14</td><td>OR</td><td>3574288C1</td></tr> <tr><td>3**</td><td>A57A</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>3**</td><td>A57A3</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>3**</td><td>A57A4</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>3%%%</td><td>A14KA</td><td>16</td><td>RD</td><td>3574288C1</td></tr> <tr><td>3**</td><td>A57A6</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>3**</td><td>A57AD</td><td>14</td><td>OR</td><td>3574288C1</td></tr> <tr><td>4</td><td>A68A</td><td>14</td><td>BN</td><td>3574288C1</td></tr> <tr><td>5</td><td>A56T</td><td>12</td><td>OR</td><td>3574287C1</td></tr> <tr><td>5%%%</td><td>A56C</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>6</td><td>A57T</td><td>12</td><td>OR</td><td>3574287C1</td></tr> <tr><td>6%%%</td><td>A57C</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>7</td><td>A58T</td><td>12</td><td>BN</td><td>3574287C1</td></tr> <tr><td>7%%%</td><td>A58RMA</td><td>16</td><td>BN</td><td>3574288C1</td></tr> <tr><td>8</td><td>A68T</td><td>12</td><td>BN</td><td>3574287C1</td></tr> <tr><td>8%%%</td><td>A58LMA</td><td>16</td><td>BN</td><td>3574288C1</td></tr> <tr><td>9</td><td>A70T</td><td>12</td><td>OR</td><td>3574287C1</td></tr> <tr><td>9%%%</td><td>A70T</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>9* &amp;</td><td>A70T</td><td>10</td><td>OR</td><td>3574287C1</td></tr> <tr><td>10</td><td>A94T</td><td>12</td><td>GY</td><td>3574287C1</td></tr> <tr><td>10%%%</td><td>A94TM</td><td>16</td><td>GY</td><td>3574288C1</td></tr> <tr><td>10</td><td>A94T</td><td>10</td><td>GY</td><td>3574287C1</td></tr> <tr><td>11&amp;</td><td>A72V</td><td>12</td><td>OR</td><td>3574287C1</td></tr> <tr><td>11&amp;&amp;</td><td>A72V</td><td>12</td><td>DKBL</td><td>3574287C1</td></tr> <tr><td>11%%%</td><td>A94TE</td><td>16</td><td>GY</td><td>3574288C1</td></tr> <tr><td>11**</td><td>A94AC</td><td>12</td><td>GY</td><td>3574287C1</td></tr> <tr><td>11&amp;</td><td>A72CA</td><td>12</td><td>OR</td><td>3574287C1</td></tr> <tr><td>12</td><td>A67TA</td><td>18</td><td>PK</td><td>3574289C1</td></tr> <tr><td>12%%%</td><td>A56B1</td><td>16</td><td>OR</td><td>3574288C1</td></tr> <tr><td>12**</td><td>A94AE</td><td>12</td><td>GY</td><td>3574289C1</td></tr> <tr><td>13</td><td>A94SJ</td><td>18</td><td>GY</td><td>3574289C1</td></tr> <tr><td>14</td><td>A94BM</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>15</td><td>A94BN</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>16@</td><td>A94BE</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>16*</td><td>A94BE</td><td>16</td><td>GY</td><td>3574285C1</td></tr> <tr><td>17@</td><td>A94BD</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>17*</td><td>A94BD</td><td>16</td><td>GY</td><td>3574285C1</td></tr> <tr><td>18@</td><td>A94BH</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>18*</td><td>A94BH</td><td>16</td><td>GY</td><td>3574285C1</td></tr> <tr><td>19@</td><td>A94BF</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>19*</td><td>A94BF</td><td>16</td><td>GY</td><td>3574285C1</td></tr> <tr><td>20*</td><td>A94BL</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>20@</td><td>A94BL</td><td>14</td><td>GY</td><td>3574285C1</td></tr> <tr><td>21*</td><td>A94BJ</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>21@</td><td>A94BJ</td><td>14</td><td>GY</td><td>3574285C1</td></tr> <tr><td>22</td><td>A94BK</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>23</td><td>A94BA</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>24</td><td>A94BB</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>25</td><td>A94BC</td><td>18</td><td>GY</td><td>2003343C1</td></tr> <tr><td>26</td><td>A94TA</td><td>12</td><td>YL</td><td>3574285C1</td></tr> </tbody> </table>	CAV	CIR	GAUGE	COLOR	TERMINAL	1#	A71B	16	OR	3574288C1	1	A71BA	16	OR	3574288C1	1%%%	A71BU	16	OR	3574288C1	2%%	A56A	14	OR	3574288C1	2**	A56A	16	OR	3574288C1	2**	A56A3	16	OR	3574288C1	2%%%	A64A	16	YL	3574288C1	2**	A56A5	16	OR	3574288C1	3%%	A57A	14	OR	3574288C1	3**	A57A	16	OR	3574288C1	3**	A57A3	16	OR	3574288C1	3**	A57A4	16	OR	3574288C1	3%%%	A14KA	16	RD	3574288C1	3**	A57A6	16	OR	3574288C1	3**	A57AD	14	OR	3574288C1	4	A68A	14	BN	3574288C1	5	A56T	12	OR	3574287C1	5%%%	A56C	16	OR	3574288C1	6	A57T	12	OR	3574287C1	6%%%	A57C	16	OR	3574288C1	7	A58T	12	BN	3574287C1	7%%%	A58RMA	16	BN	3574288C1	8	A68T	12	BN	3574287C1	8%%%	A58LMA	16	BN	3574288C1	9	A70T	12	OR	3574287C1	9%%%	A70T	16	OR	3574288C1	9* &	A70T	10	OR	3574287C1	10	A94T	12	GY	3574287C1	10%%%	A94TM	16	GY	3574288C1	10	A94T	10	GY	3574287C1	11&	A72V	12	OR	3574287C1	11&&	A72V	12	DKBL	3574287C1	11%%%	A94TE	16	GY	3574288C1	11**	A94AC	12	GY	3574287C1	11&	A72CA	12	OR	3574287C1	12	A67TA	18	PK	3574289C1	12%%%	A56B1	16	OR	3574288C1	12**	A94AE	12	GY	3574289C1	13	A94SJ	18	GY	3574289C1	14	A94BM	18	GY	2003343C1	15	A94BN	18	GY	2003343C1	16@	A94BE	18	GY	2003343C1	16*	A94BE	16	GY	3574285C1	17@	A94BD	18	GY	2003343C1	17*	A94BD	16	GY	3574285C1	18@	A94BH	18	GY	2003343C1	18*	A94BH	16	GY	3574285C1	19@	A94BF	18	GY	2003343C1	19*	A94BF	16	GY	3574285C1	20*	A94BL	18	GY	2003343C1	20@	A94BL	14	GY	3574285C1	21*	A94BJ	18	GY	2003343C1	21@	A94BJ	14	GY	3574285C1	22	A94BK	18	GY	2003343C1	23	A94BA	18	GY	2003343C1	24	A94BB	18	GY	2003343C1	25	A94BC	18	GY	2003343C1	26	A94TA	12	YL	3574285C1
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<p>* W/ BENDIX ABS                  @ W/ WABCO ABS                  # W/ STANDARD BACKUP LIGHTS                  @ @ W/ DAY CAB CUSTOMER SUPPLIED                  % W/ VORAD VS-400 COLLISION AVOIDANCE                  &amp; W/ AUX TRAILOR SOCKET                  &amp;&amp; W/ AUX ISO TRAILOR SOCKET                  ## W/ PRODUCTIVITY DISPLAY                  ** MUTUALLY EXCLUSIVE                  %% W/ COLLISION WIRING                  @ @ @ W/ OMNIVISION J1939 OVERLAY                  ### W/ LIFT GATE WIRING                  *** W/ ANTILOCK BRAKES W/ ESC-WABCO 6S/6M                  %%% W/ FOR RUSSIAN PROSTAR                  * @ W/ ESPAR HEATER, DAYCAB, W/CIRC BRKR                  *% W/ PROSTAR MIR TURN SIG &amp;                  BENDIX FUSION W/SCR                  *&amp; W/ EOF T SOCKET IGN FEED                  &amp;# W/ PEOPLETNET W/ J1708                  &amp;* W/ DRIVERTECH SYS W/J1939</p>																																																																																																																																																																																																																																																																																																																																																																																																																	
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Figure 497 Connector Body Composite (1701)

14.79. CONNECTOR BODY COMPOSITE (1701), P. 36A

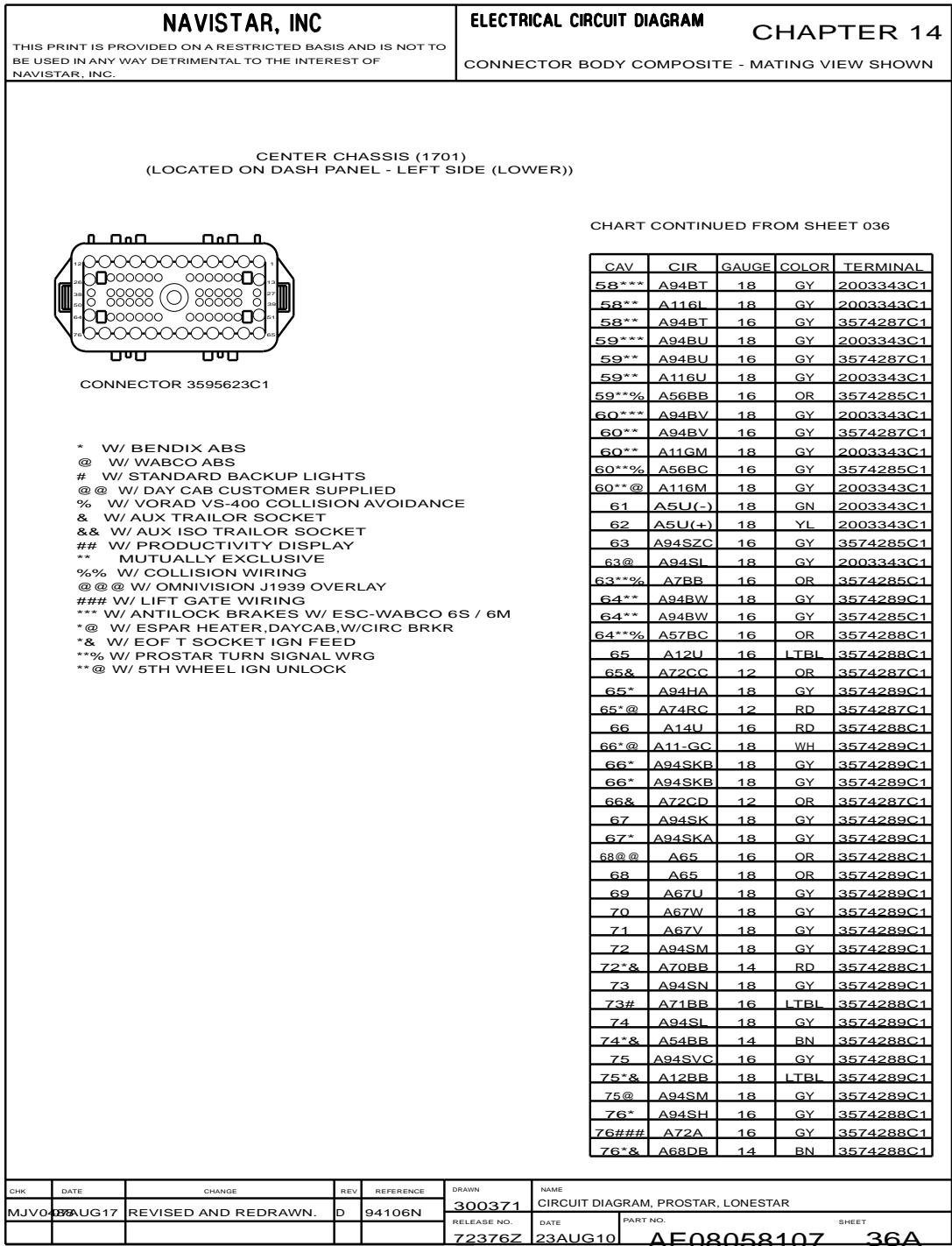


Figure 498 Connector Body Composite (1701)



14.80. CONNECTOR BODY COMPOSITE (1701F), P. 37

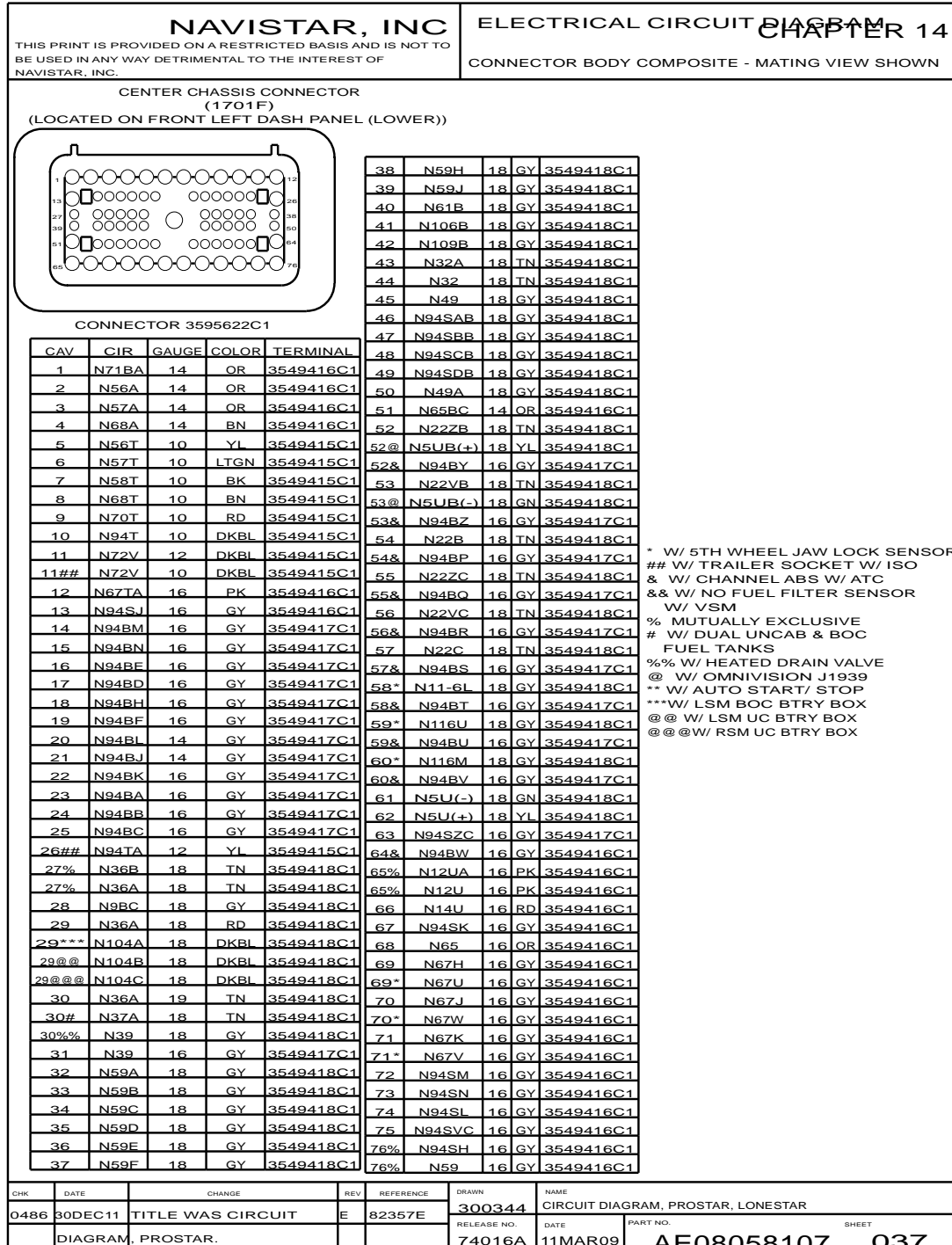


Figure 499 Connector Body Composite (1701F)

14.81. CONNECTOR BODY COMPOSITE (1702), P. 38

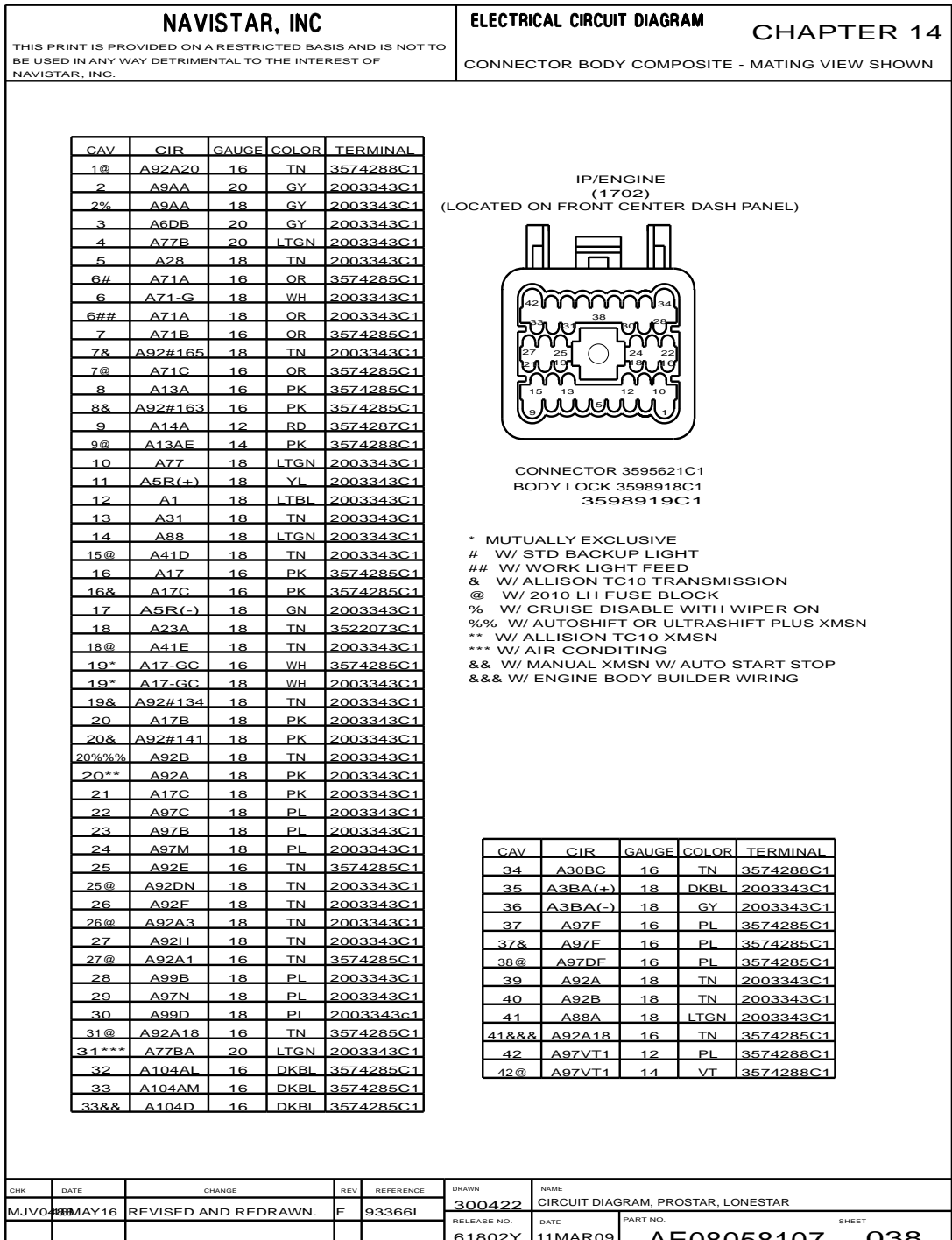


Figure 500 Connector Body Composite (1702)

14.82. CONNECTOR BODY COMPOSITE (1702), P. 39

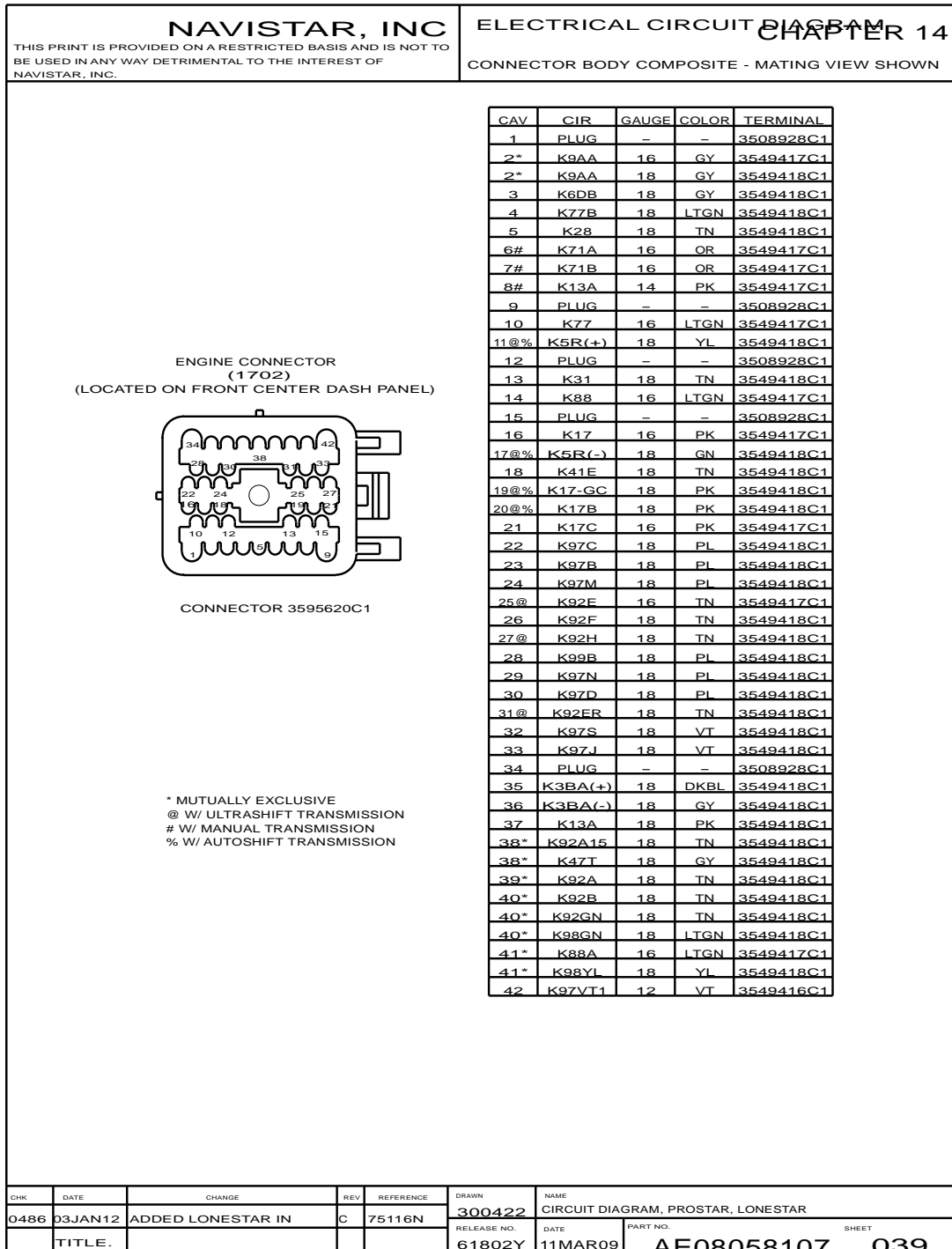


Figure 501 Connector Body Composite (1702)

14.83. CONNECTOR BODY COMPOSITE (1702), P. 39A

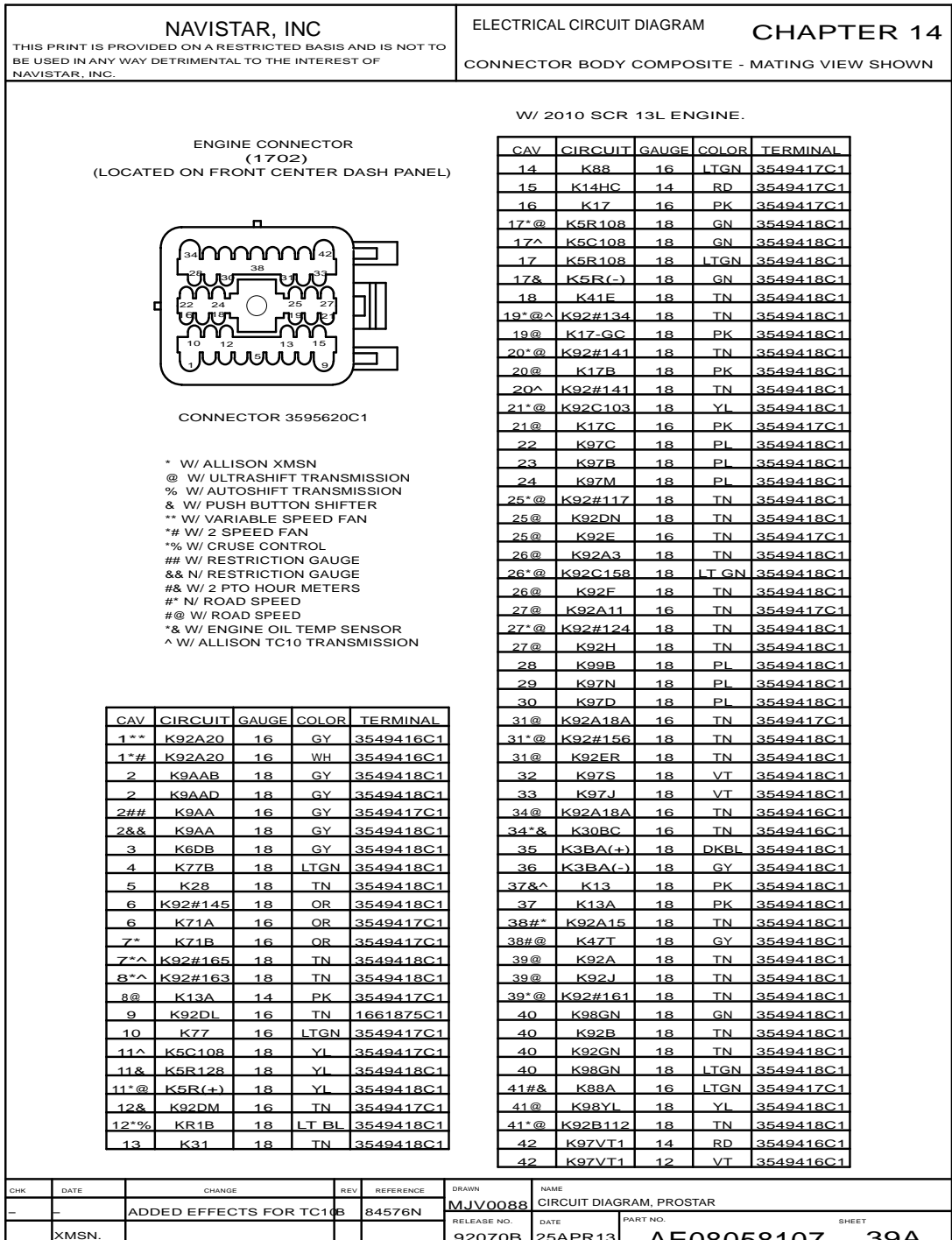


Figure 502 Connector Body Composite (1702)

14.84. CONNECTOR BODY COMPOSITE (1800), P. 40

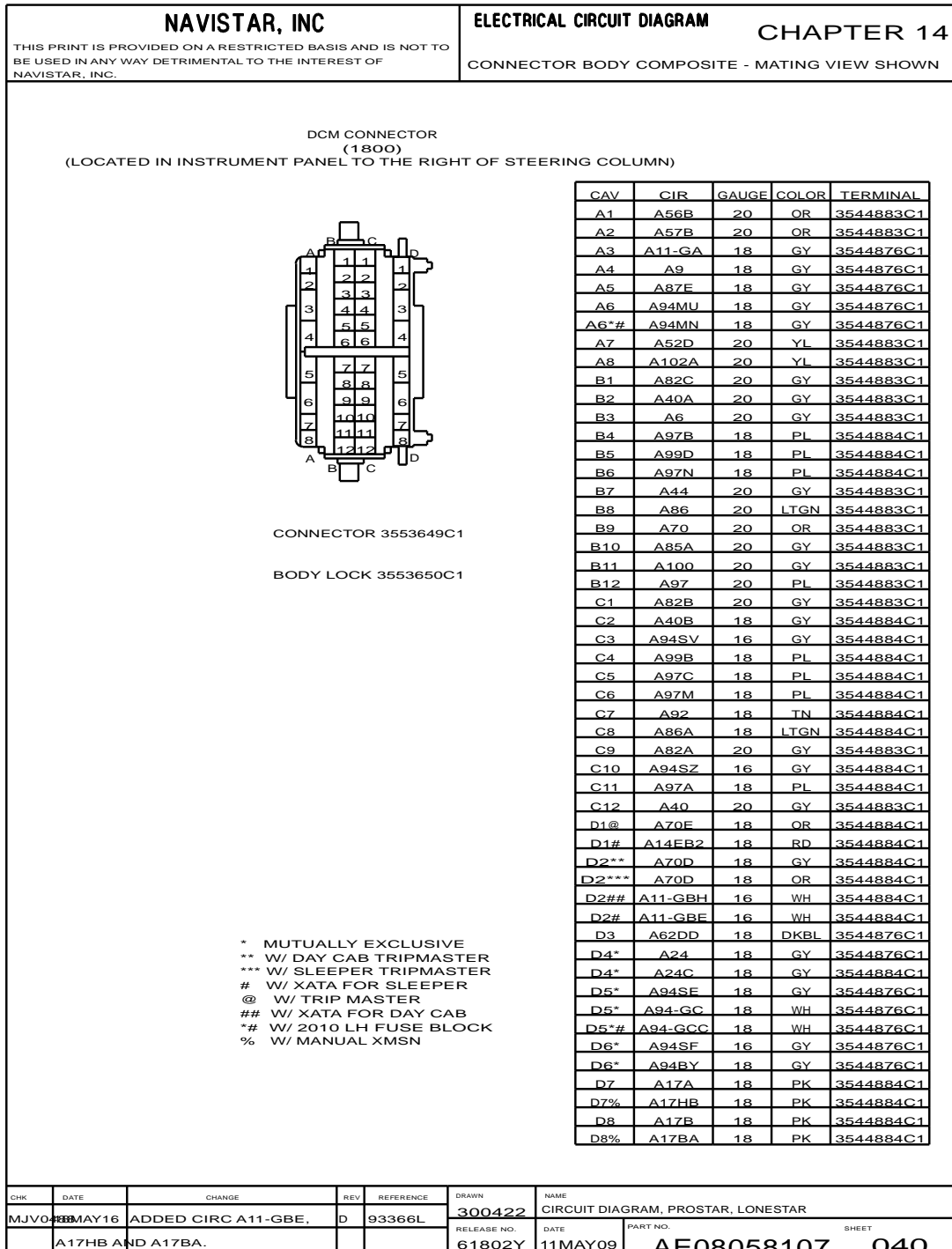


Figure 503 Connector Body Composite (1800)

14.85. CONNECTOR BODY COMPOSITE (1800F), P. 41

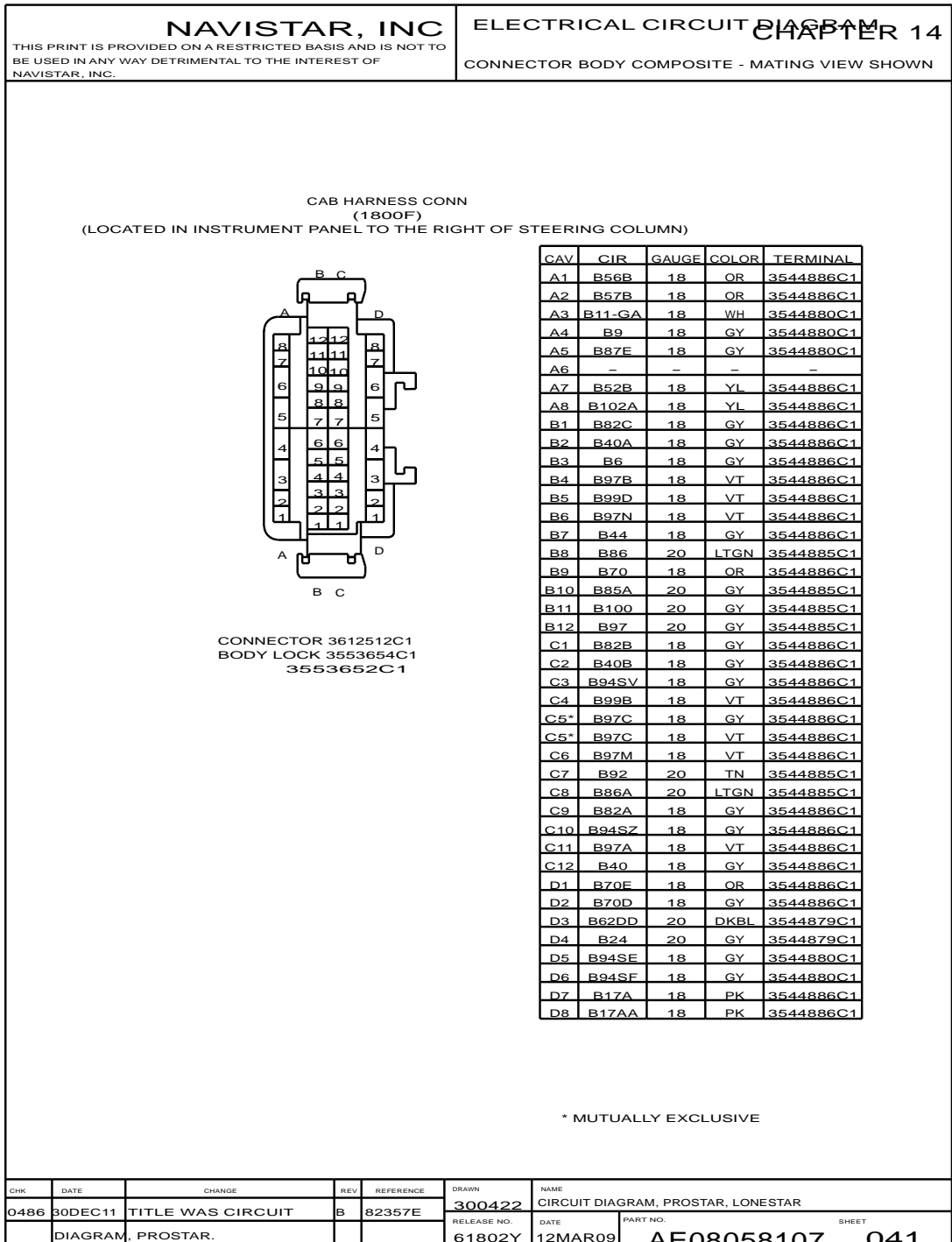


Figure 504 Connector Body Composite (1800F)

14.86. CONNECTOR BODY COMPOSITE (1801), (1802), P. 42

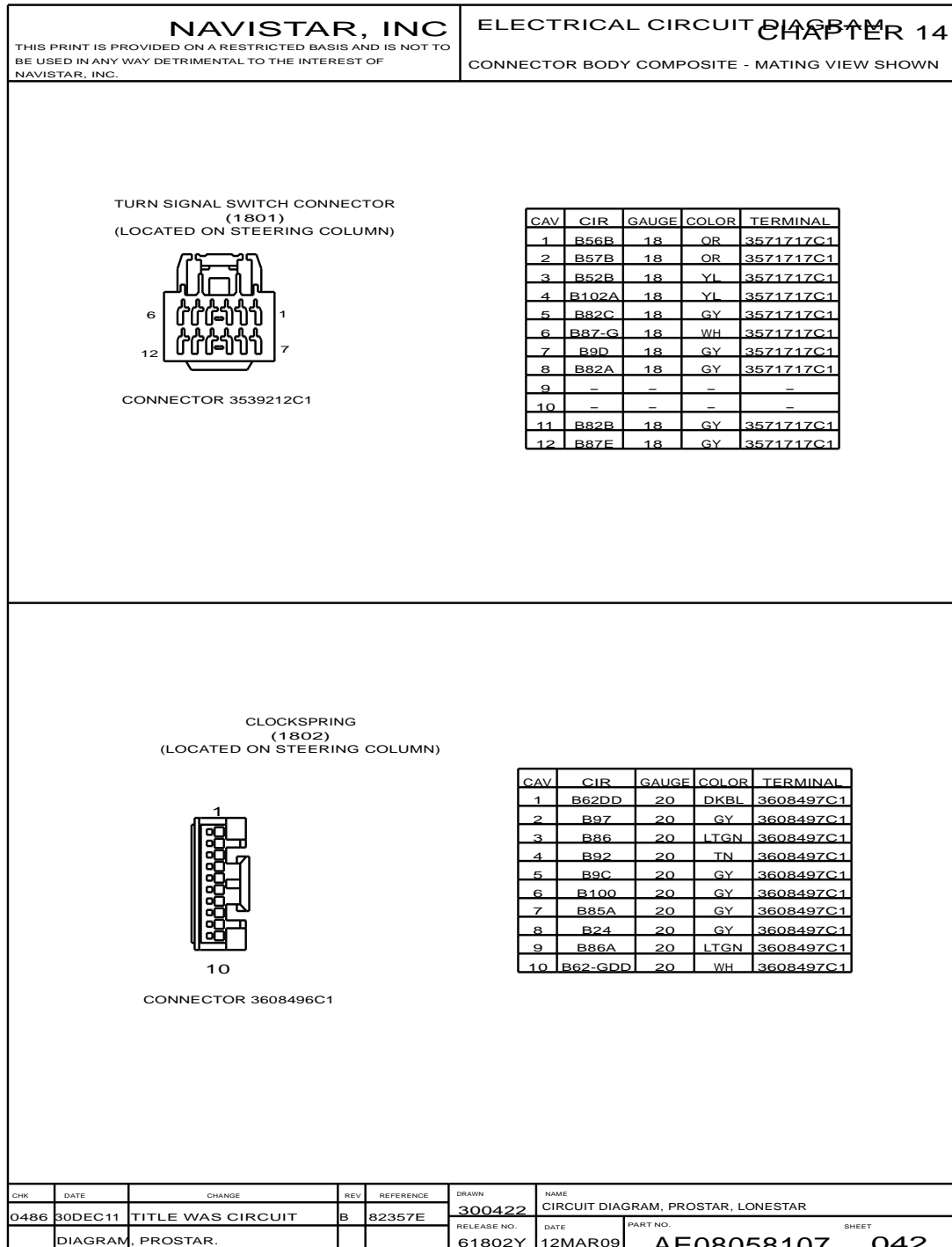


Figure 505 Connector Body Composite (1801), (1802)

14.87. CONNECTOR BODY COMPOSITE (1803), (1804), P. 43

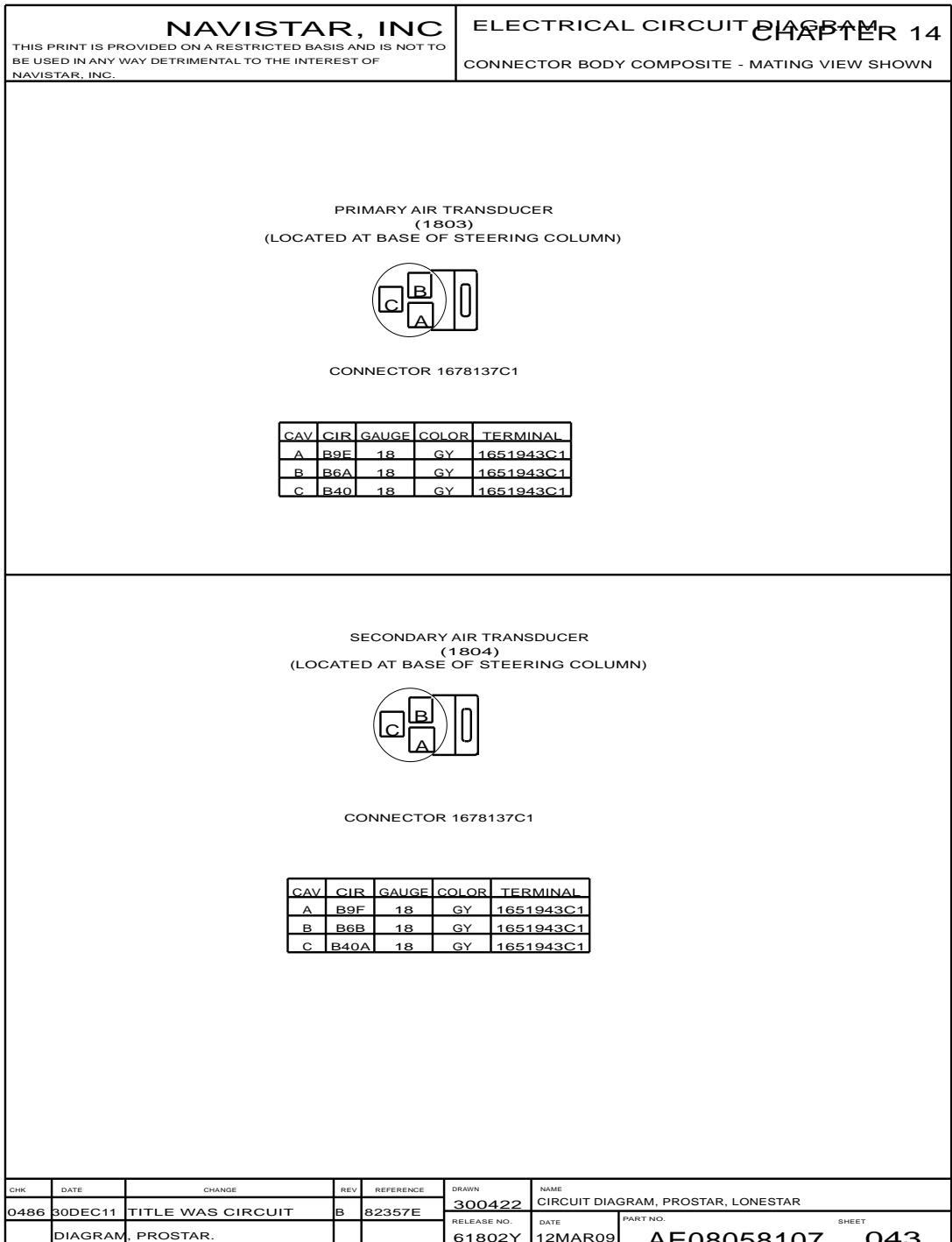


Figure 506 Connector Body Composite (1803), (1804)



14.88. CONNECTOR BODY COMPOSITE (1805), (1806), (1807), P. 44

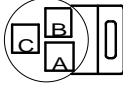
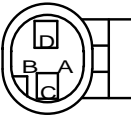

<b>NAVISTAR, INC</b>		<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 14</b>																															
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.		CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																	
<p>TRANSDUCER CONNECTOR (1805) (LOCATED AT BASE OF STEERING COLUMN)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B9H</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>B6C</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>B40B</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 1678137C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	B9H	18	GY	1651943C1	B	B6C	18	GY	1651943C1	C	B40B	18	GY	1651943C1										
CAV	CIR	GAUGE	COLOR	TERMINAL																															
A	B9H	18	GY	1651943C1																															
B	B6C	18	GY	1651943C1																															
C	B40B	18	GY	1651943C1																															
<p>STOP LIGHT SWITCH CONNECTOR (1806) (LOCATED AT BASE OF STEERING COLUMN)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>B70</td> <td>18</td> <td>OR</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>B9K</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 1661777C1 BODY LOCK 1661873C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	-	-	-	-	-	B	-	-	-	-	-	C	B70	18	OR	1661875C1	1661872C1	D	B9K	18	GY	1661875C1	1661872C1
CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																														
A	-	-	-	-	-																														
B	-	-	-	-	-																														
C	B70	18	OR	1661875C1	1661872C1																														
D	B9K	18	GY	1661875C1	1661872C1																														
<p>4 WIRE CLOCK SPRING (1807) (LOCATED AT BASE OF STEERING COLUMN)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" style="border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B9C</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> <tr> <td>B</td> <td>B97</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> <tr> <td>C</td> <td>B100</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> <tr> <td>D</td> <td>B85A</td> <td>20</td> <td>GY</td> <td>3544254C1</td> </tr> </tbody> </table> </div> <p style="text-align: center;">CONNECTOR 3547870C1 BODY LOCK 3515764C1</p>						CAV	CIR	GAUGE	COLOR	TERMINAL	A	B9C	20	GY	3544254C1	B	B97	20	GY	3544254C1	C	B100	20	GY	3544254C1	D	B85A	20	GY	3544254C1					
CAV	CIR	GAUGE	COLOR	TERMINAL																															
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																													
0488	20MAY14	ADDED R/D 1807.	C	92447S	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																													
RELEASE NO.		DATE		PART NO.		SHEET																													
61802Y		12MAR09		AE08058107		044																													

Figure 507 Connector Body Composite (1805), (1806), (1807)

14.89. CONNECTOR BODY COMPOSITE (1808), (1809), (1810), P. 45

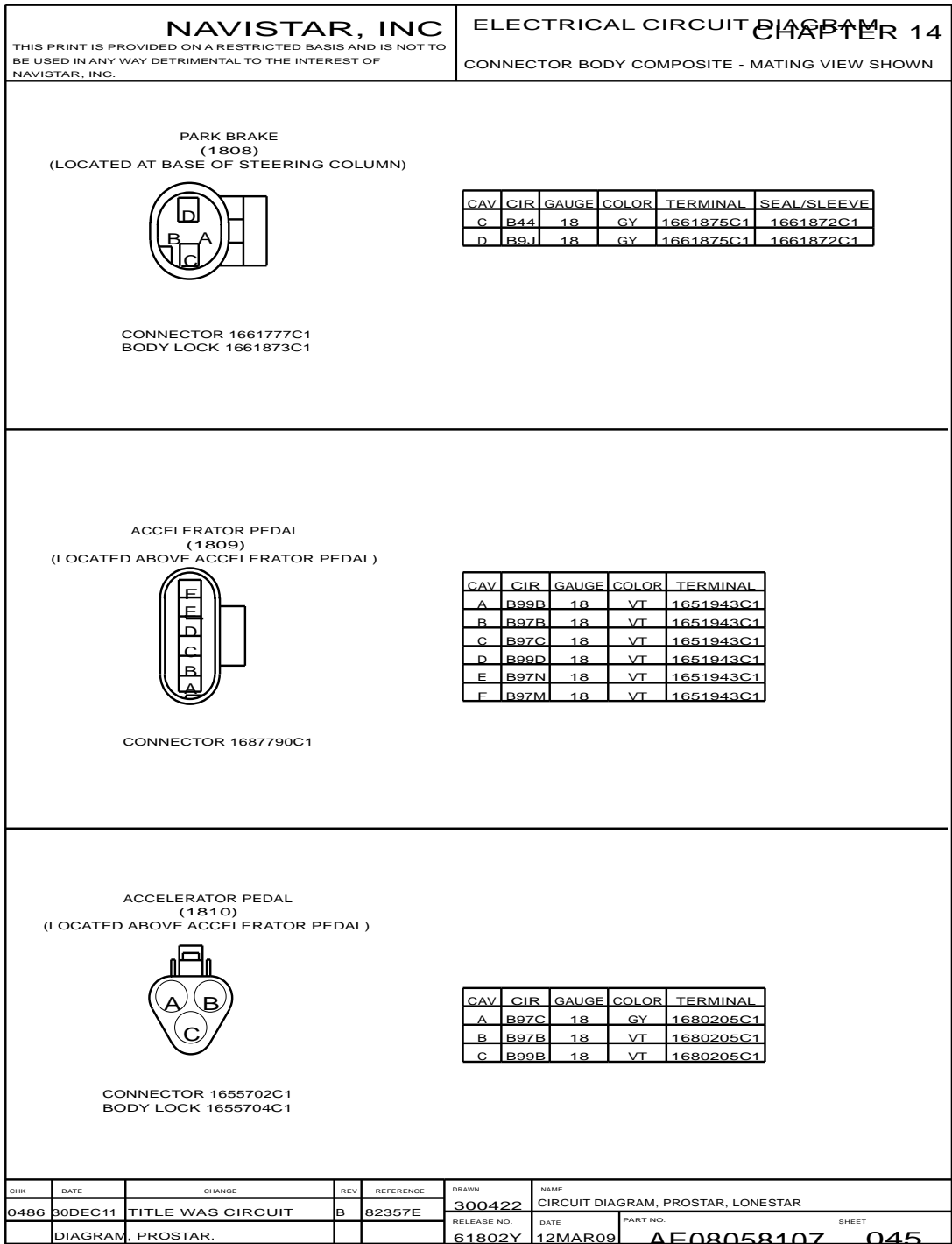


Figure 508 Connector Body Composite (1808), (1809), (1810)

14.90. CONNECTOR BODY COMPOSITE (1811), (1812), (1814), (1815), (1820F), (1820M), P. 46

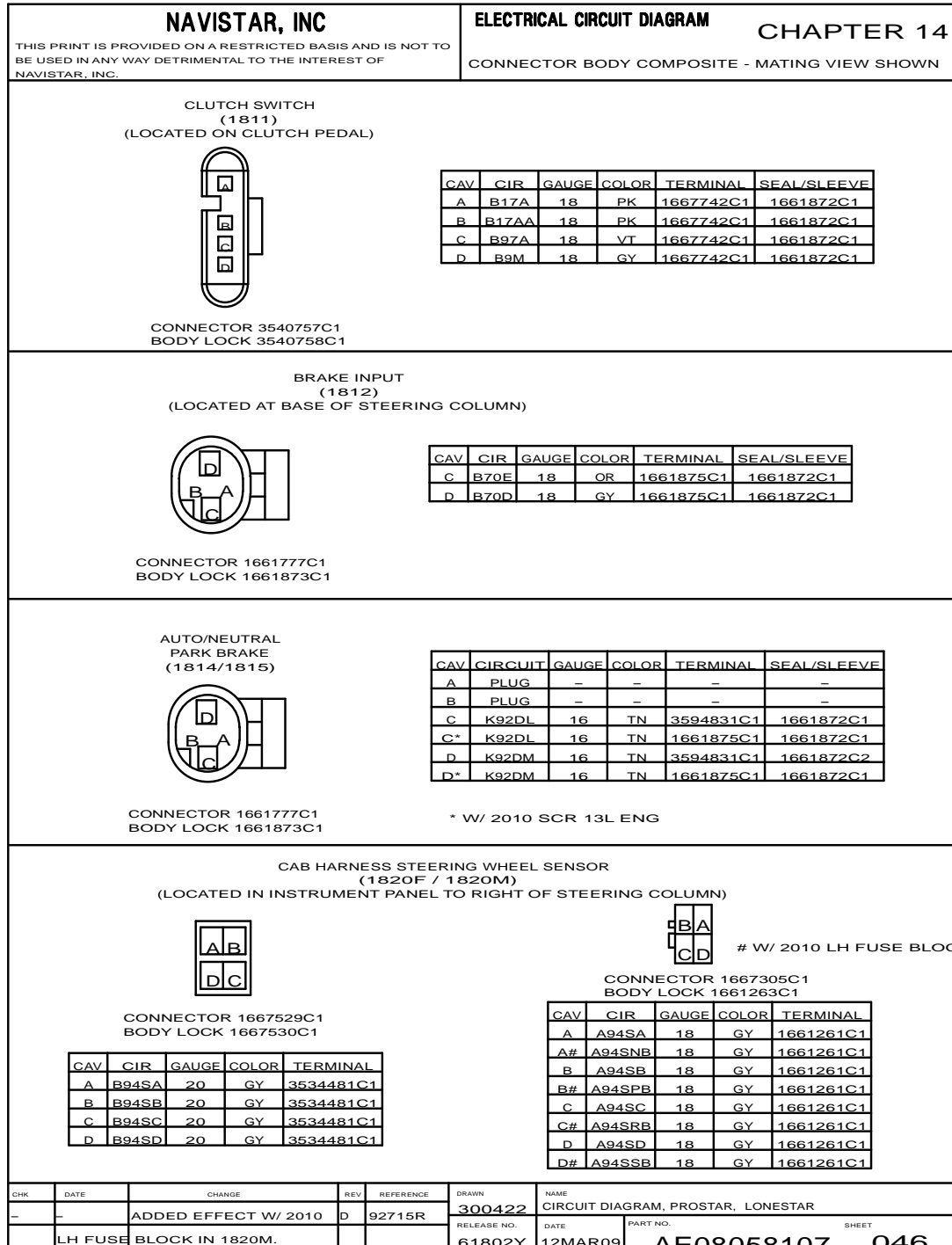


Figure 509 Connector Body Composite (1811), (1812), (1814), (1815), (1820F), (1820M)

14.91. CONNECTOR BODY COMPOSITE (1820), P. 46A

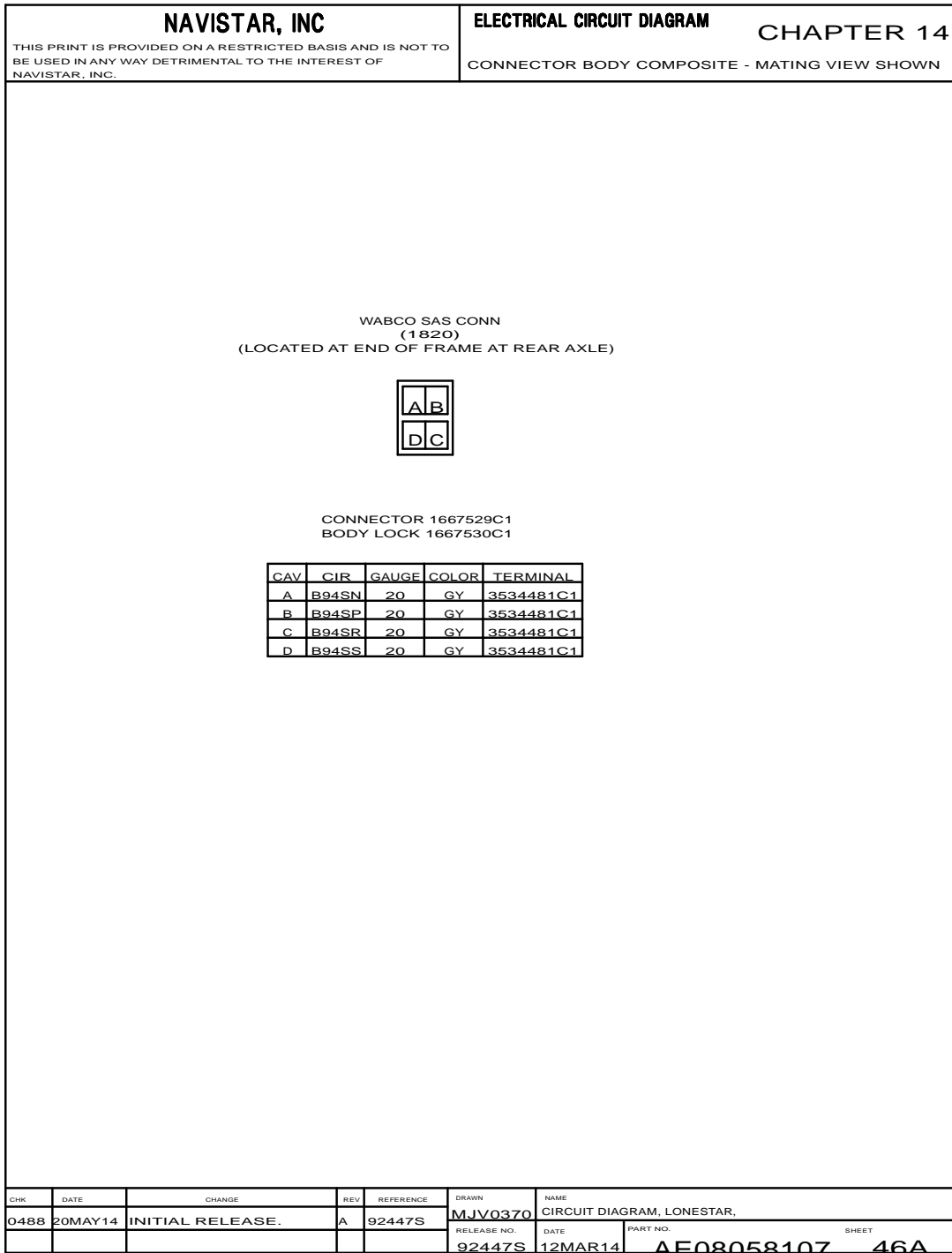


Figure 510 Connector Body Composite (1820)

14.92. CONNECTOR BODY COMPOSITE (1821), (1821A), (1822), (1823), (1860), (1861), P. 47

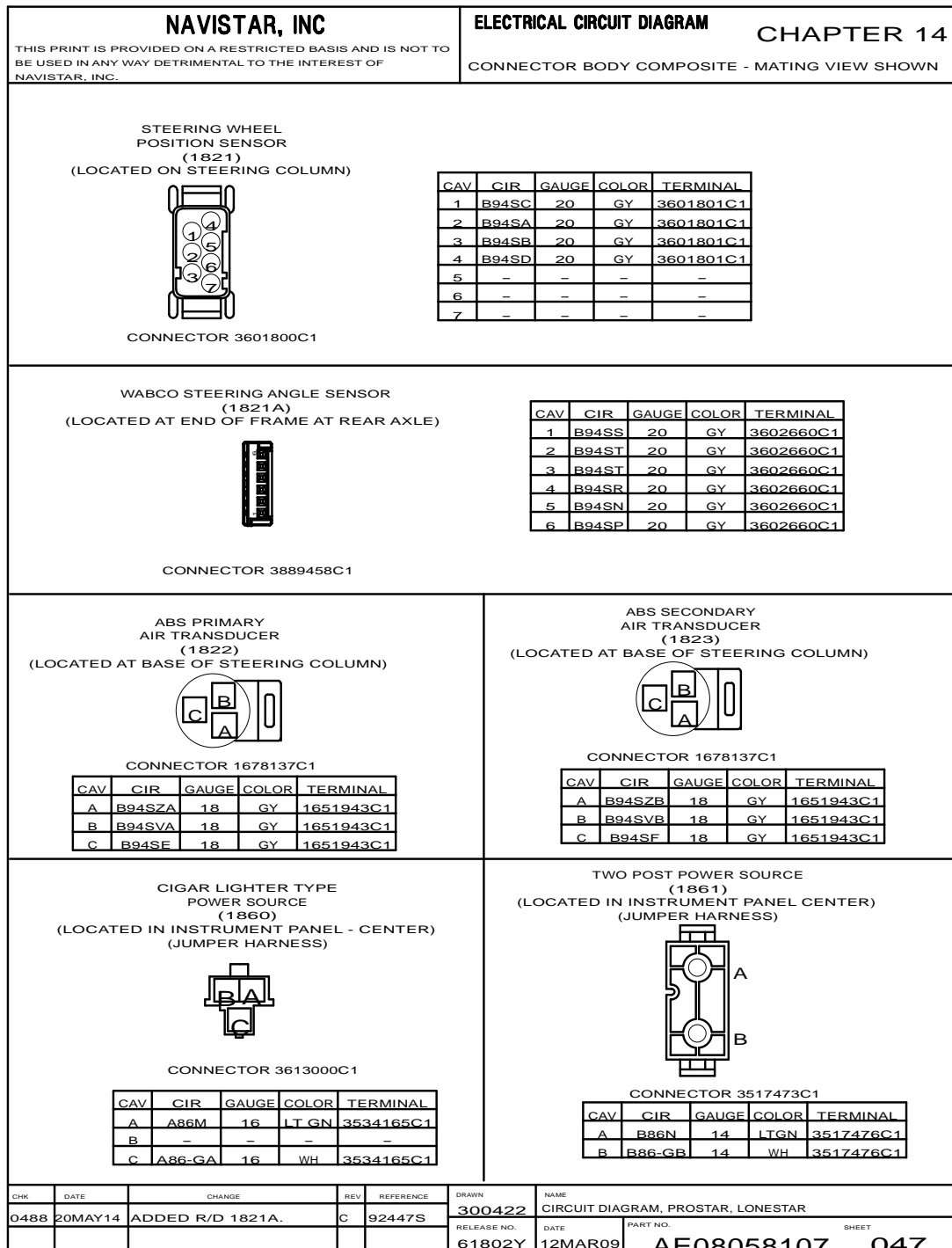


Figure 511 Connector Body Composite (1821), (1821A), (1822), (1823), (1860), (1861)

14.93. CONNECTOR BODY COMPOSITE (1824), (1852), (1873), (1873B), (1874), P. 47A

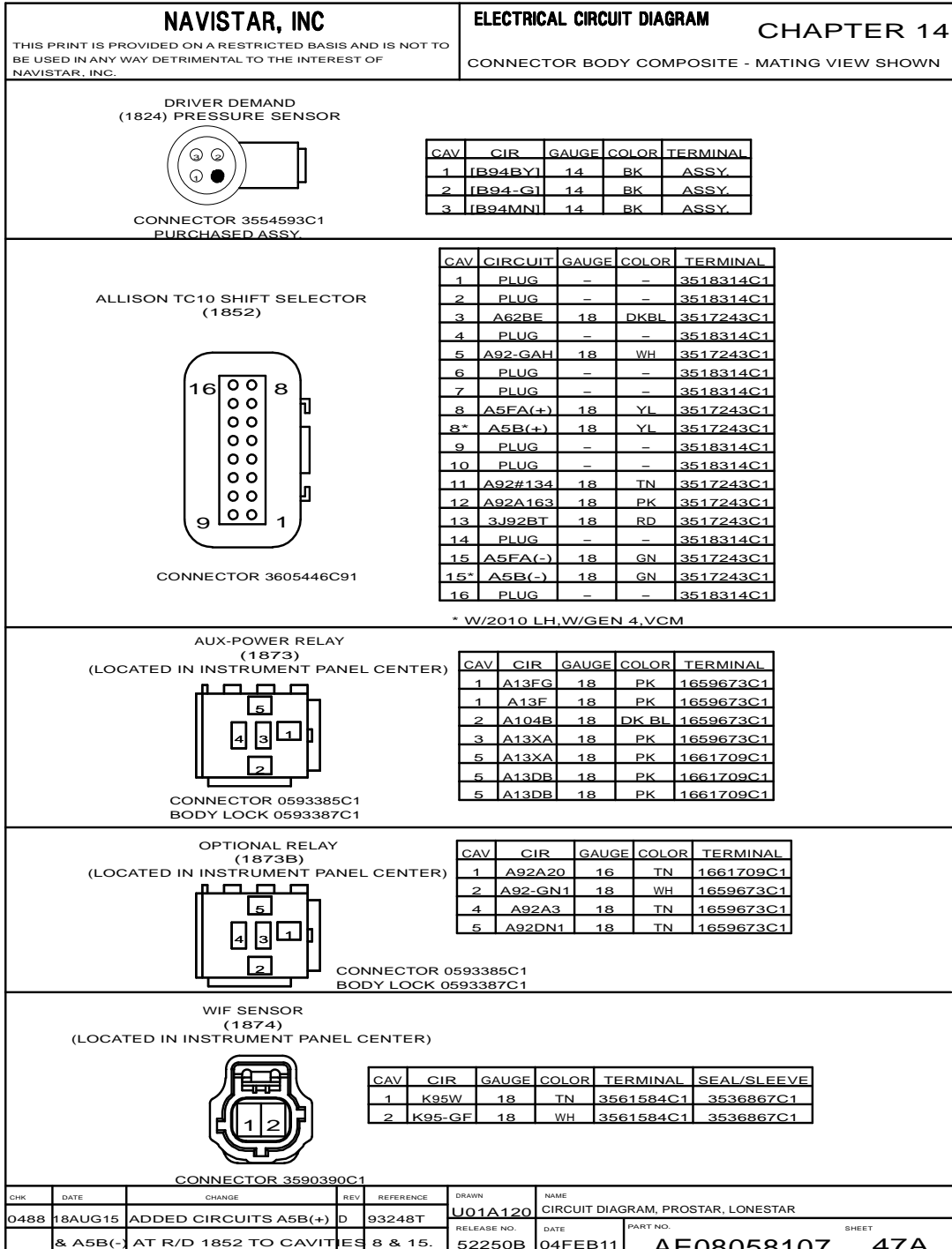


Figure 512 Connector Body Composite (1824), (1852), (1873), (1873B), (1874)

14.94. CONNECTOR BODY COMPOSITE (1873), (1874), (1874A), (1874B), P. 48

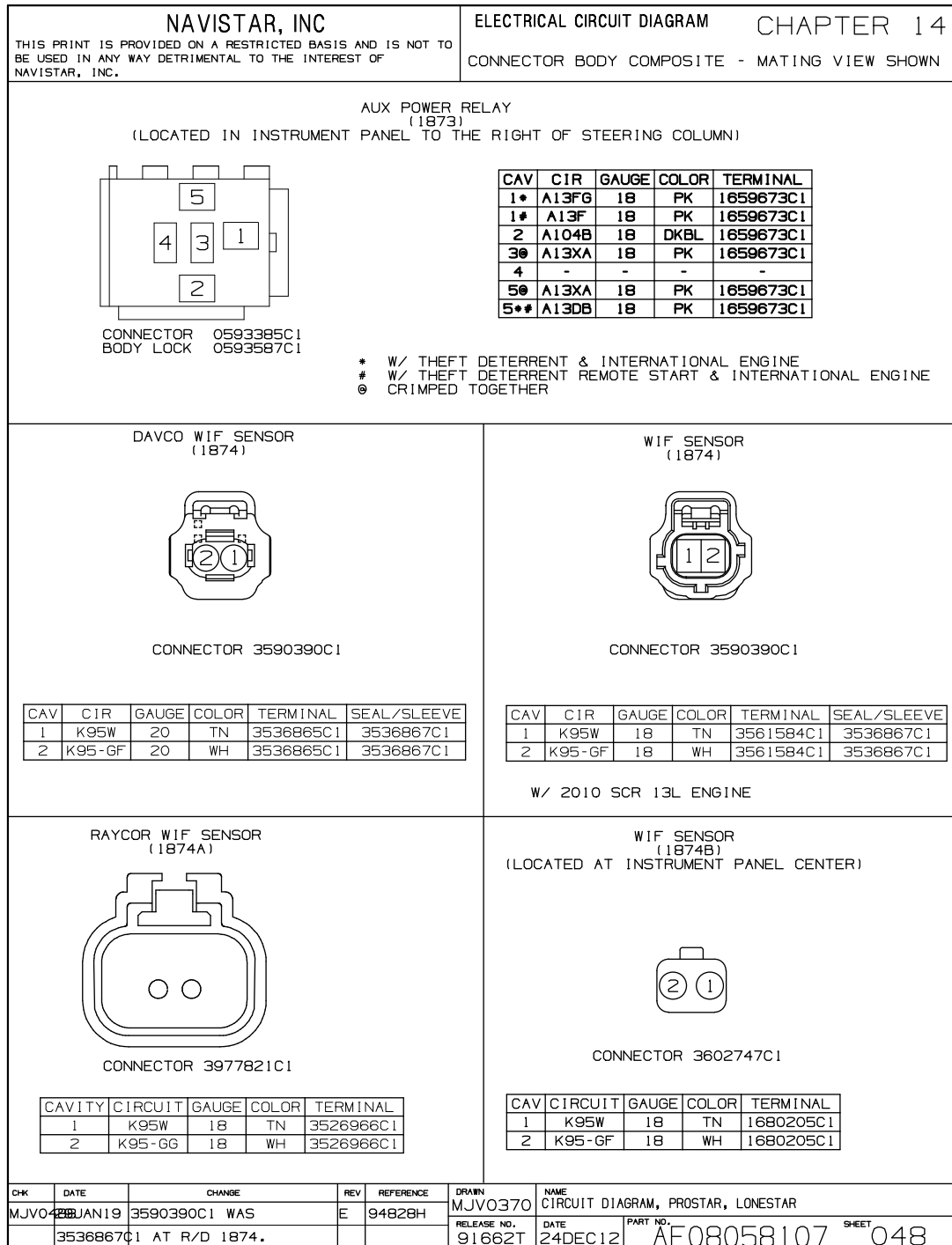


Figure 513 Connector Body Composite (1873), (1874), (1874A), (1874B)

14.95. CONNECTOR BODY COMPOSITE (1874B), (1874C), (1901), (1903), P. 48A

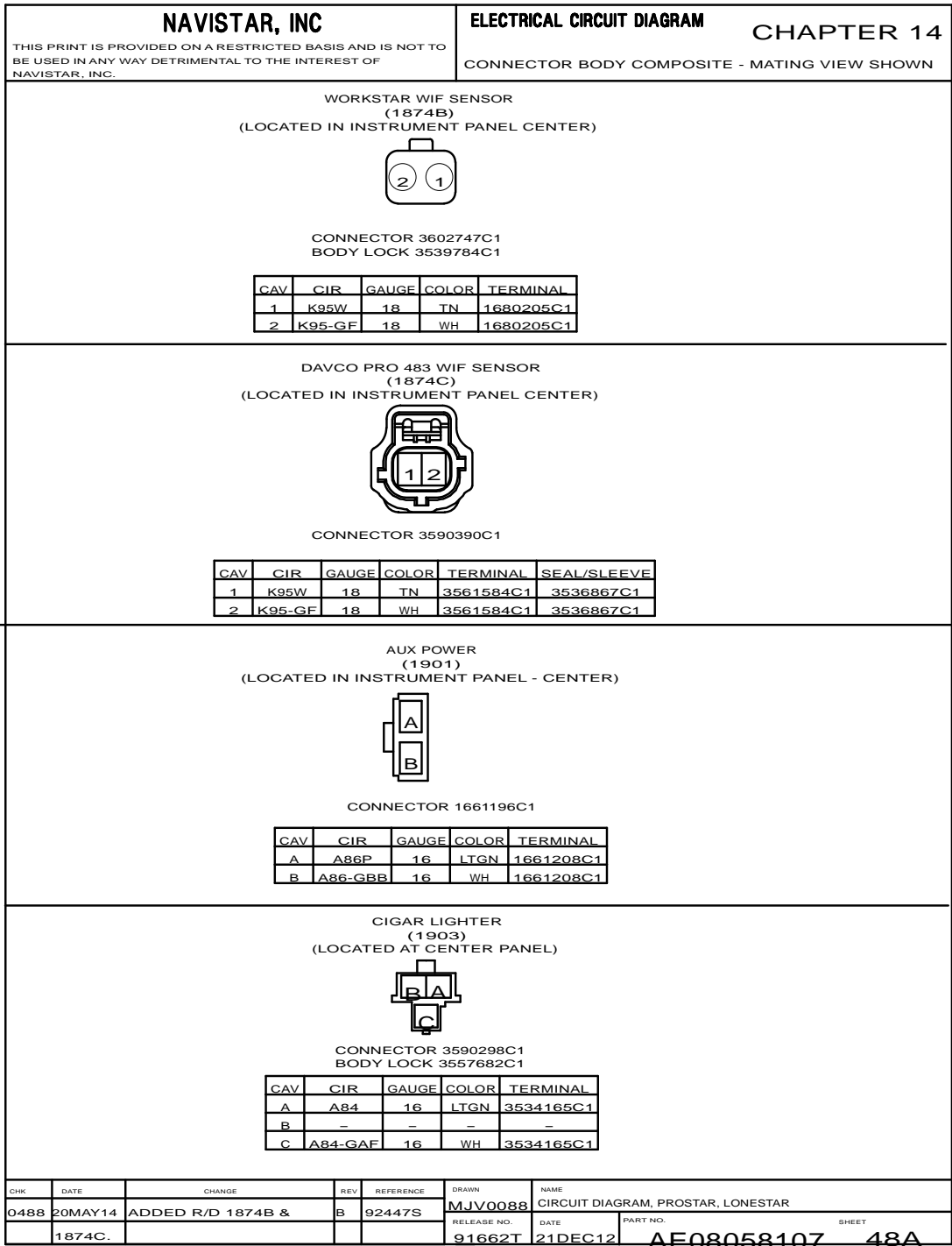


Figure 514 Connector Body Composite (1874B), (1874C), (1901), (1903)



14.96. CONNECTOR BODY COMPOSITE (1906), (1907), (1909M), (1910 / 1910A), (1911), (1912), (1916), P. 49

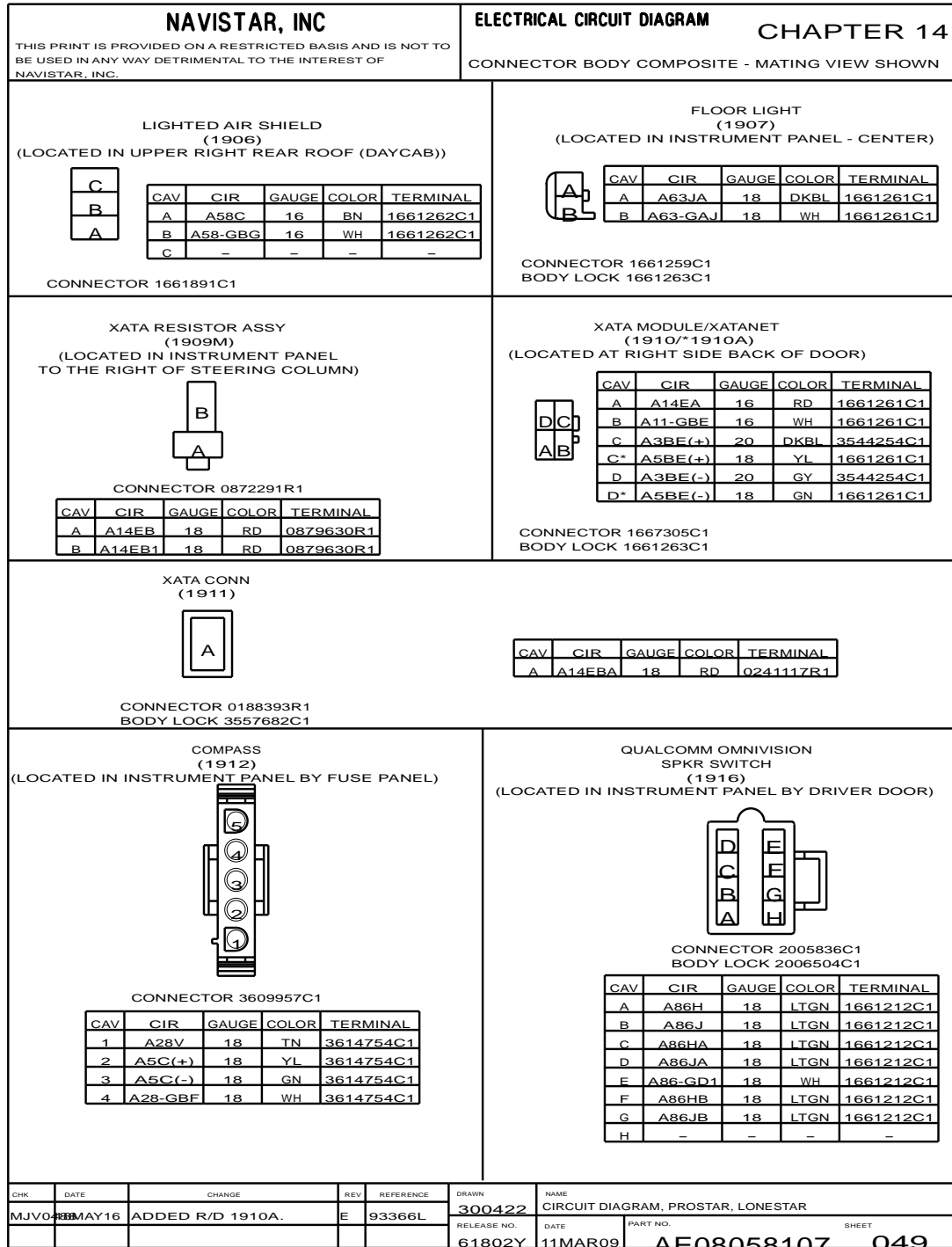


Figure 515 Connector Body Composite (1906), (1907), (1909M), (1910 / 1910A), (1911), (1912), (1916)

14.97. CONNECTOR BODY COMPOSITE (1917), (1918), (1918A), (1918B), (1919), (1919A), (1919B), (1920), P. 50

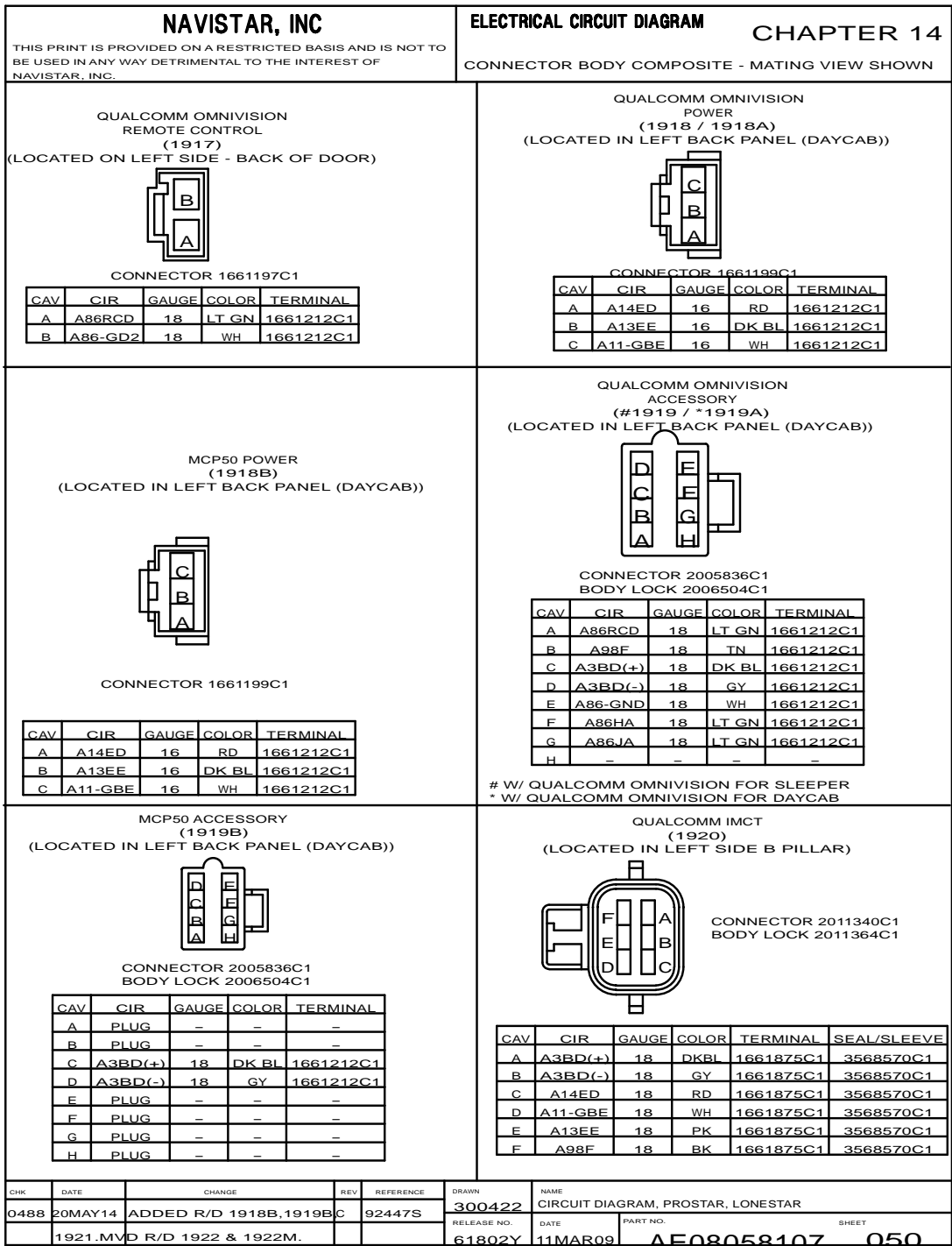


Figure 516 Connector Body Composite (1917), (1918), (1918A), (1918B), (1919), (1919A), (1919B), (1920)

14.98. CONNECTOR BODY COMPOSITE (1921), (1922), (1922M), (1923), P. 50A

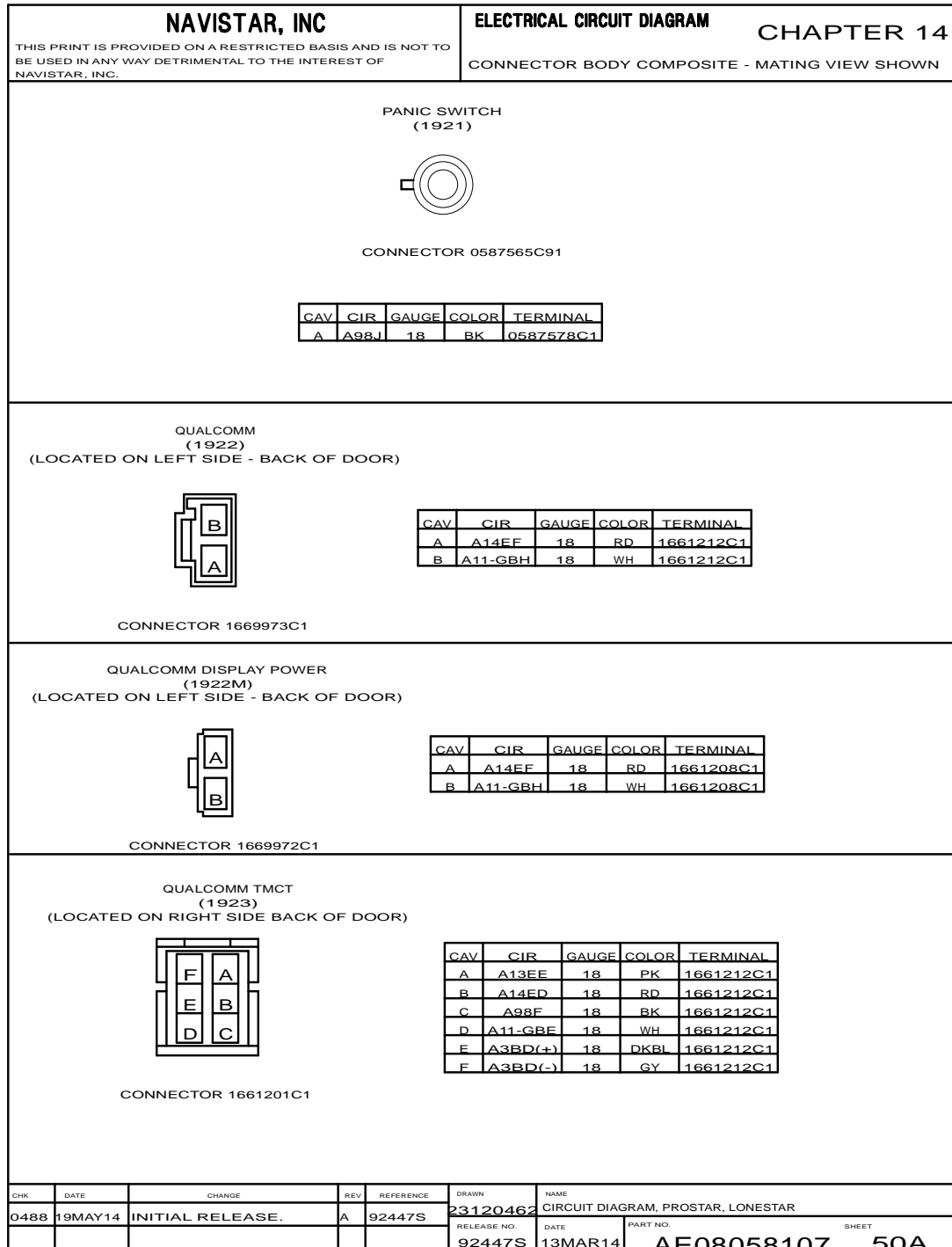


Figure 517 Connector Body Composite (1921), (1922), (1922M), (1923)

14.99. CONNECTOR BODY COMPOSITE (1924), (1924M), (1925), (1925F), (1926), (1930), P. 51

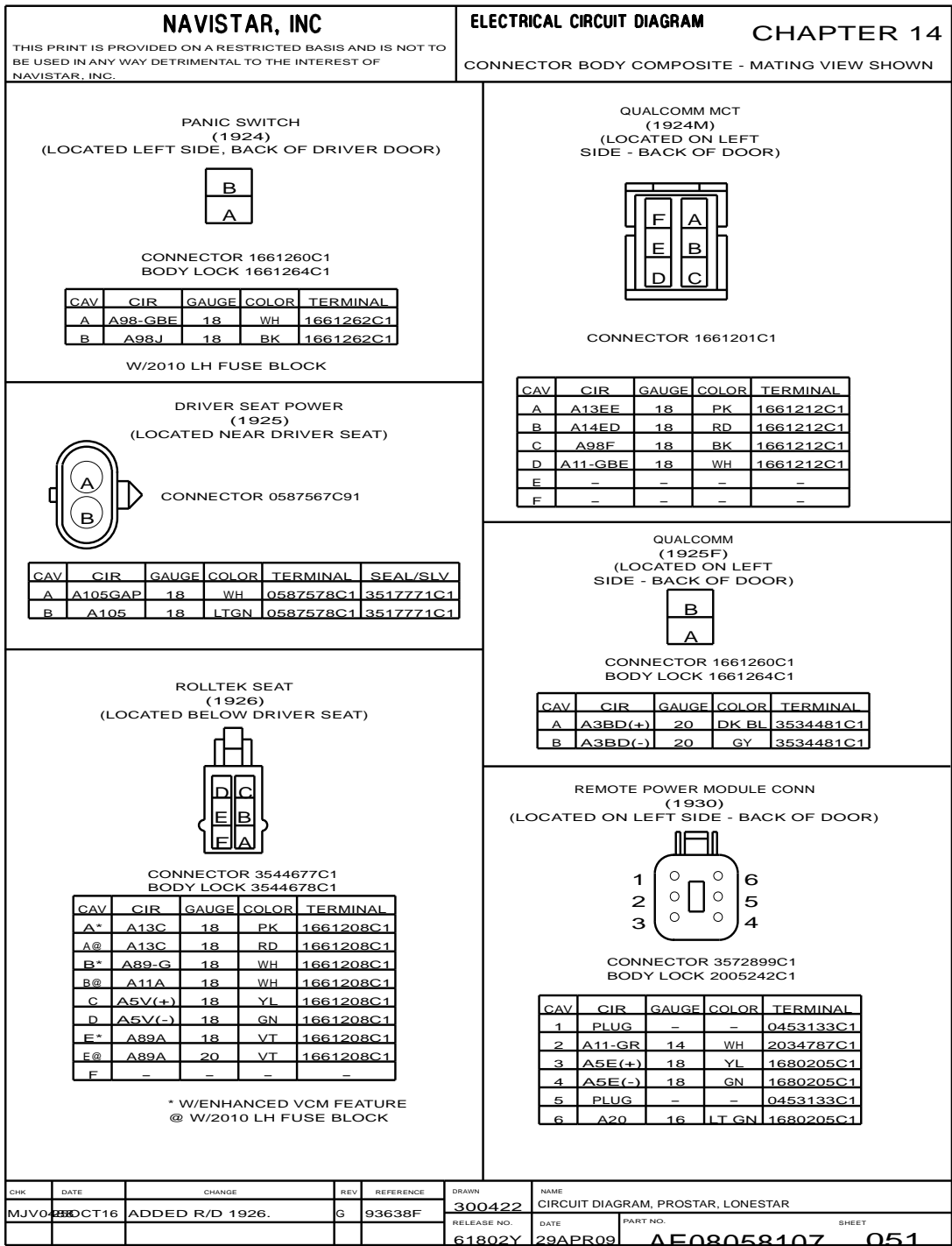


Figure 518 Connector Body Composite (1924), (1924M), (1925), (1925F), (1926), (1930)

14.100. CONNECTOR BODY COMPOSITE (1932), (1933), (1934M), (1935M), (1935N), (1936M), (1937M), (1937N), P. 52

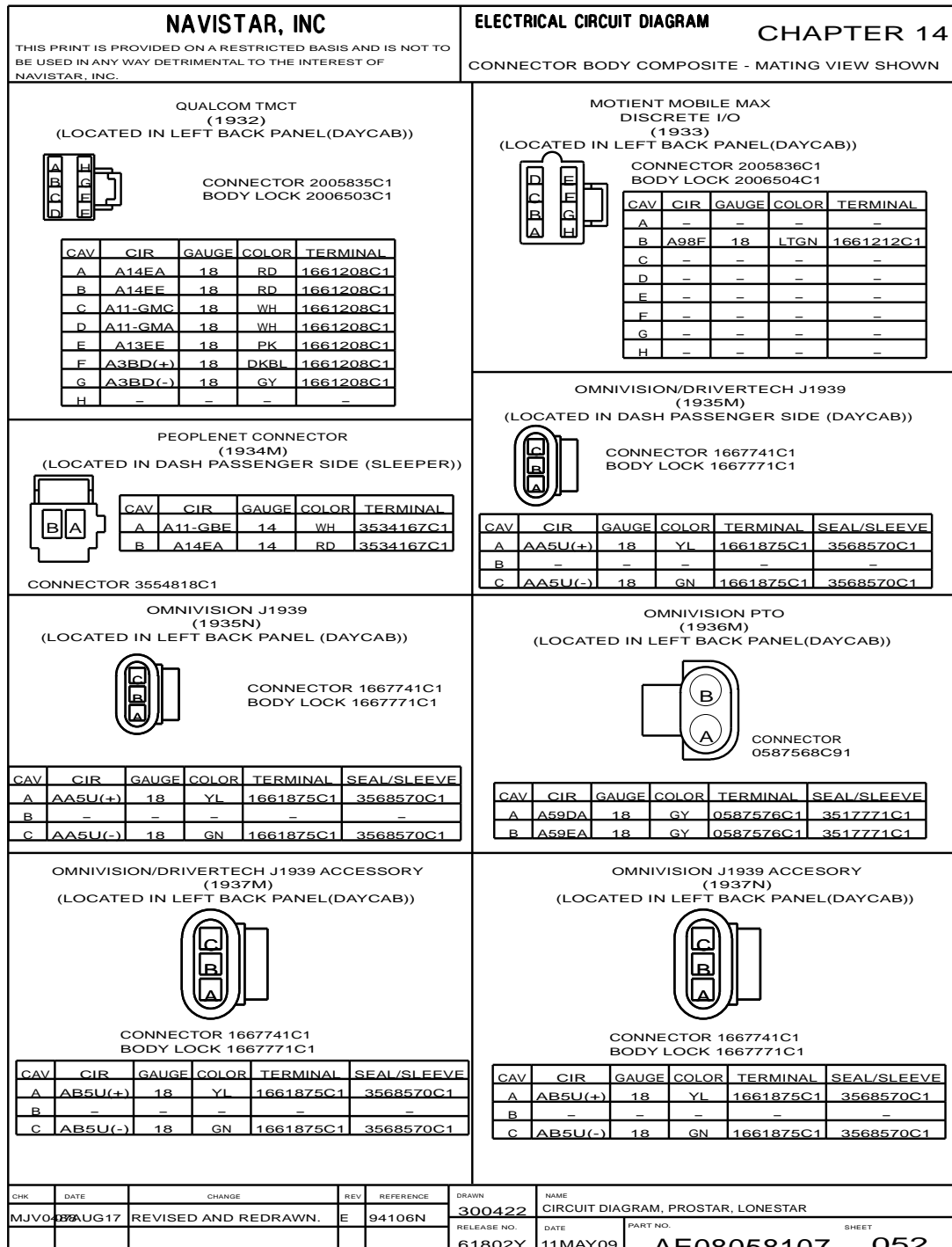


Figure 519 Connector Body Composite (1932), (1933), (1934M), (1935M), (1935N), (1936M), (1937M), (1937N)

14.101. CONNECTOR BODY COMPOSITE (1937P), (1938M), (1939), (1939M), (1939N), (1942F), P. 52A

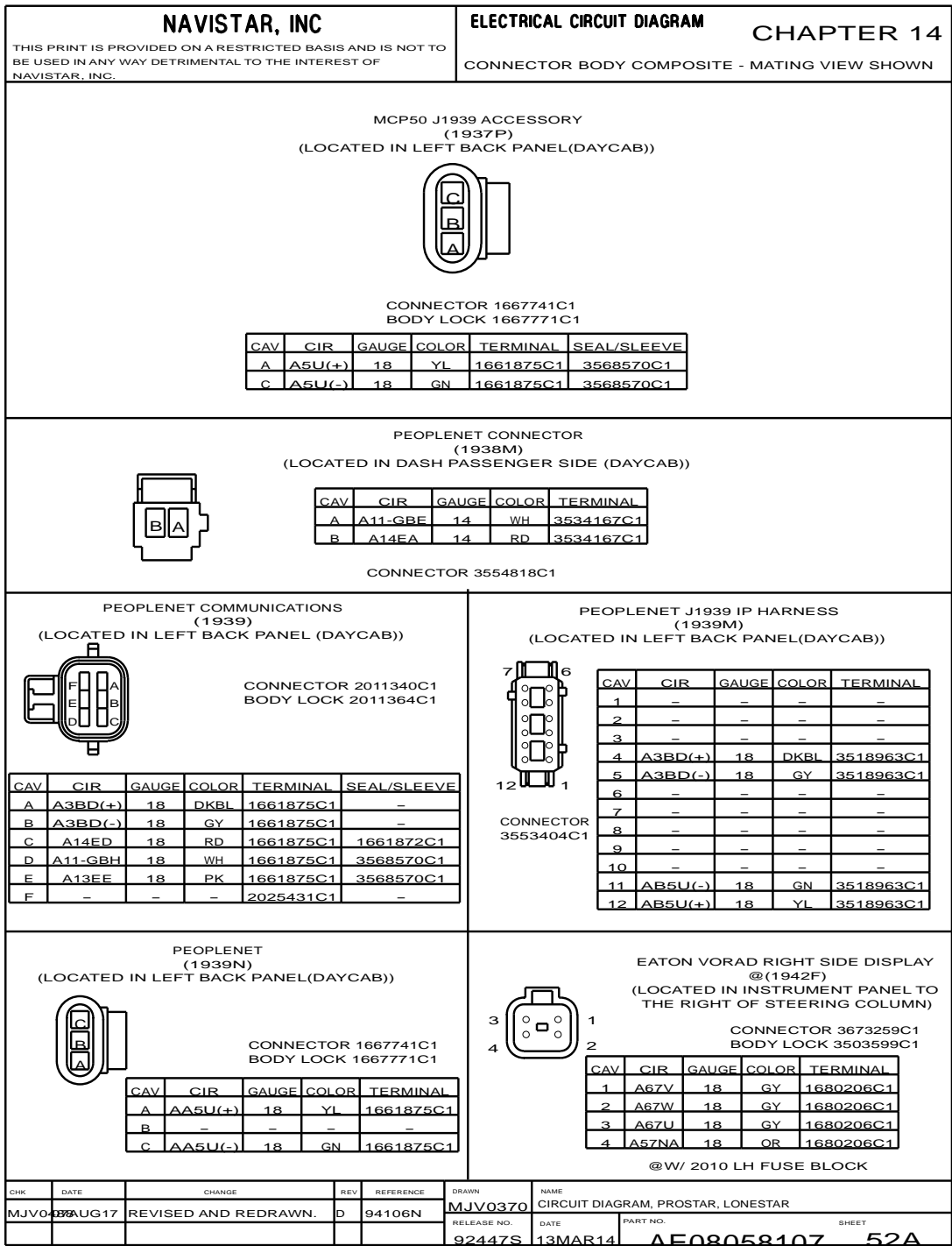


Figure 520 Connector Body Composite (1937P), (1938M), (1939), (1939M), (1939N), (1942F)

14.102. CONNECTOR BODY COMPOSITE (1943M), (1946F), (1948), (1949), (1950), P. 53

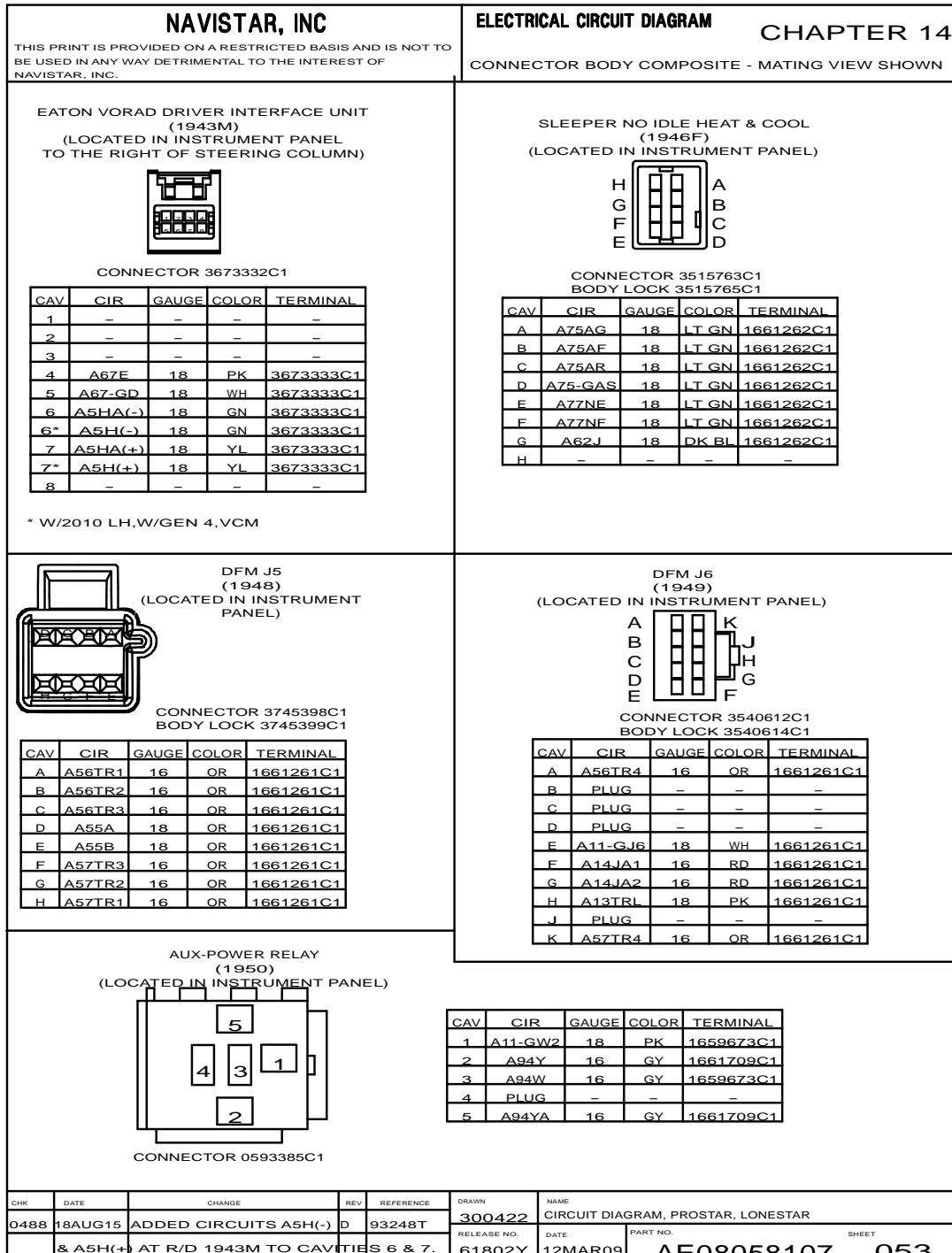


Figure 521 Connector Body Composite (1943M), (1946F), (1948), (1949), (1950)

14.103. CONNECTOR BODY COMPOSITE (1951), (1953), (1960), P. 53A

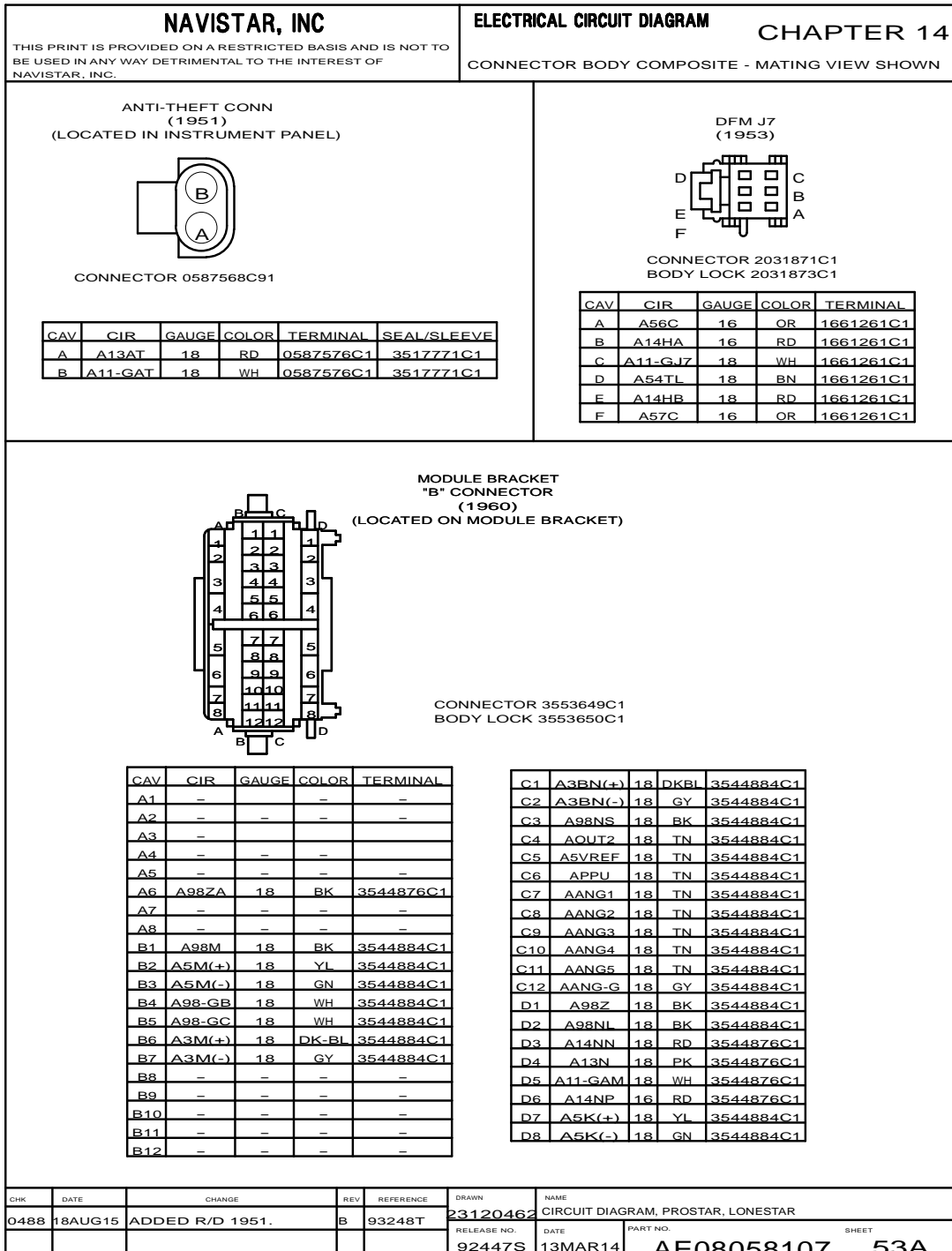


Figure 522 Connector Body Composite (1951), (1953), (1960)



14.104. CONNECTOR BODY COMPOSITE (1961), (1962), P. 54

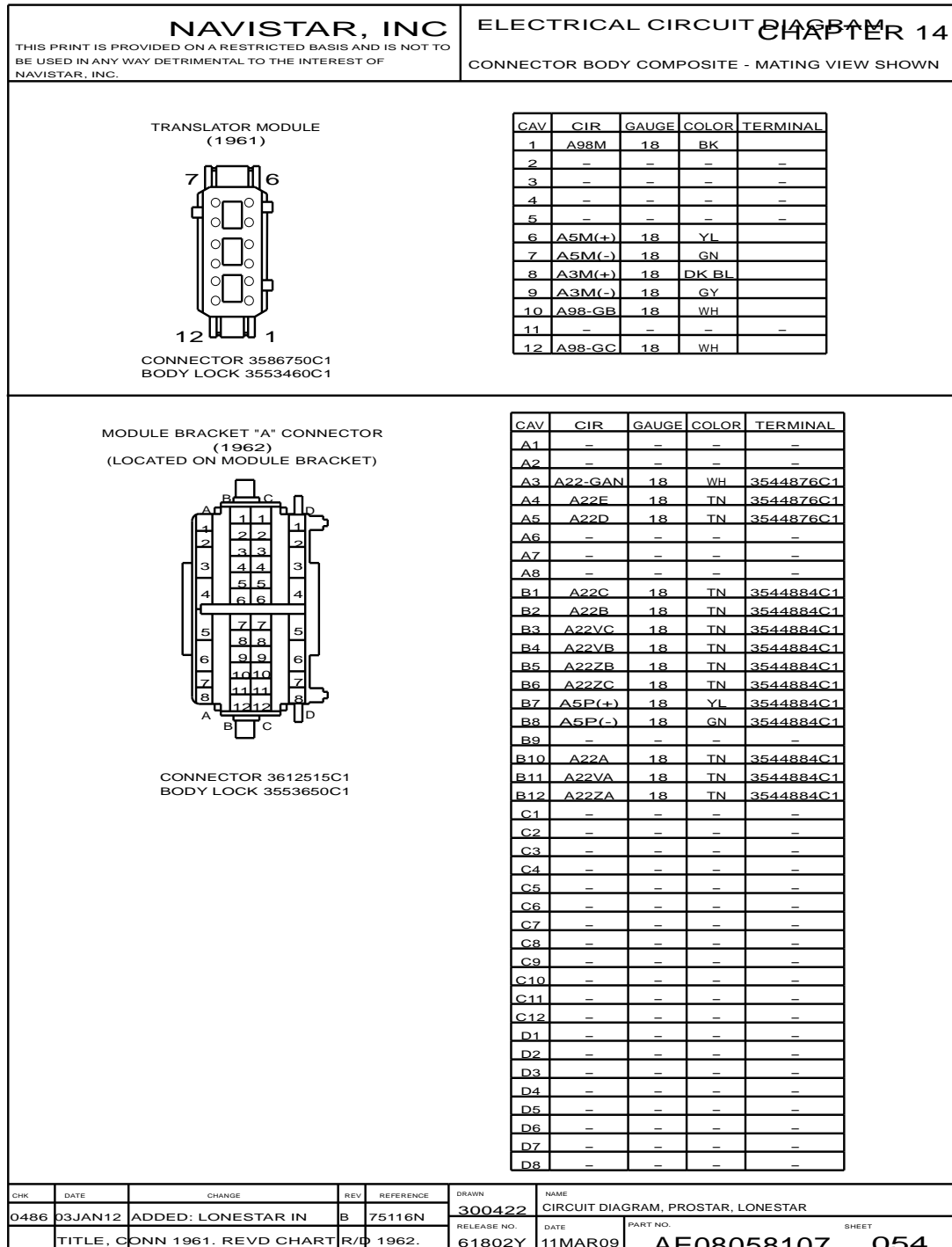


Figure 523 Connector Body Composite (1961), (1962)

14.105. CONNECTOR BODY COMPOSITE (1965), P. 54A

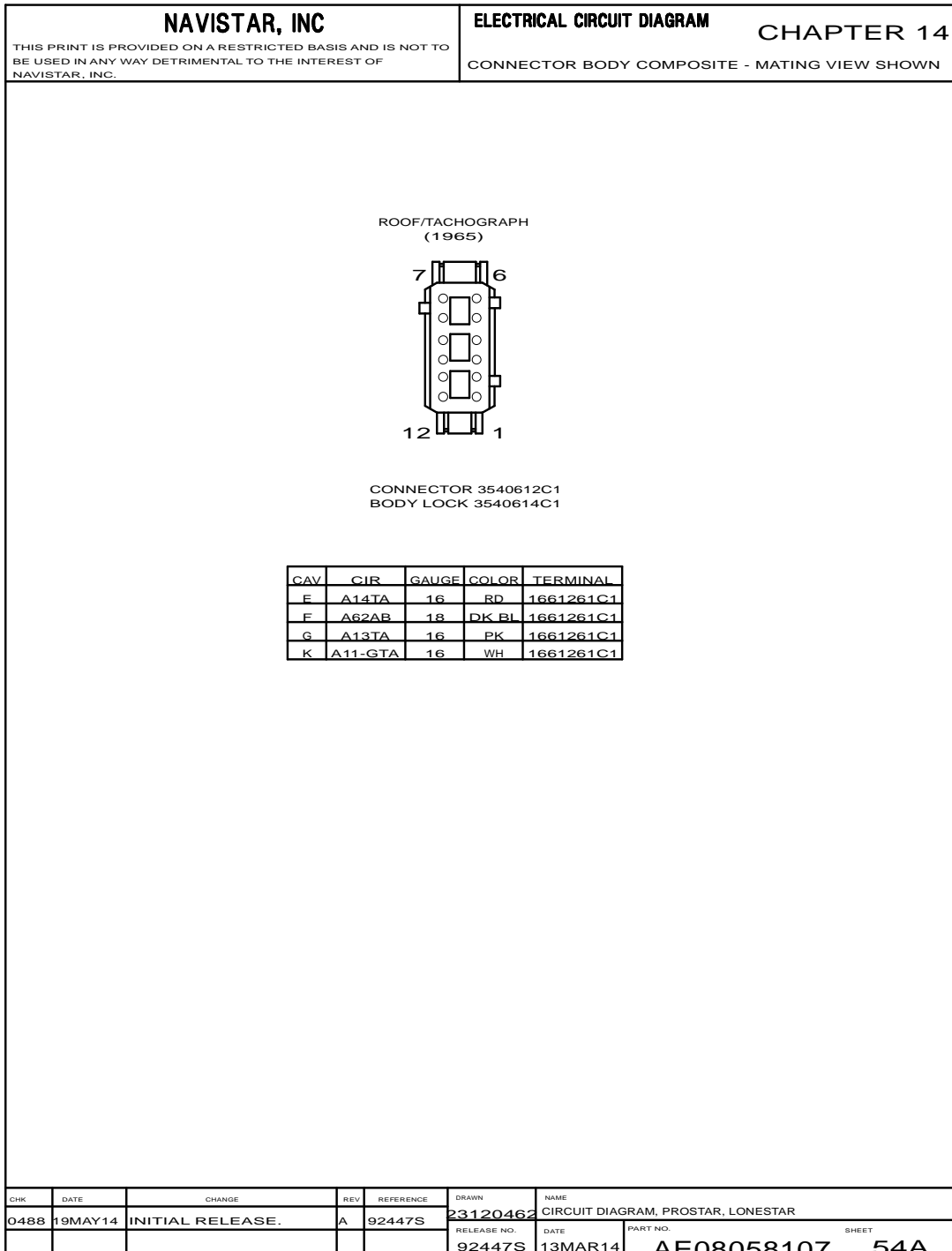


Figure 524 Connector Body Composite (1965)

14.106. INTENTIONALLY LEFT BLANK, P. 55

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<p style="font-size: 24px; margin: 0;">INTENTIONALLY LEFT BLANK</p>							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0486	03JAN12	ADDED: LONESTAR IN	B	75116N	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
				RELEASE NO.	DATE	PART NO.	SHEET
				61802Y	29APR09	AE08058107	055

Figure 525 Intentionally Left Blank

14.107. CONNECTOR BODY COMPOSITE (1970), (1978), (1979), (1979A), P. 56

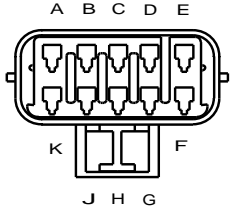
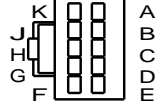
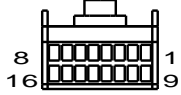
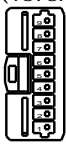
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SATELLITE COMMUNICATIONS (1970) (LOCATED ON RIGHT SIDE BACK OF DOOR)				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																																																																																																														
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CONNECTOR 3538635C1 BODY LOCK 3538636C1				* MUTUALLY EXCLUSIVE @ W/ PEOPLE NET W/ REAR AXLE TEMP																																																																																																																														
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Figure 526 Connector Body Composite (1970), (1978), (1979), (1979A)

14.108. CONNECTOR BODY COMPOSITE (1992), (2000), P. 57

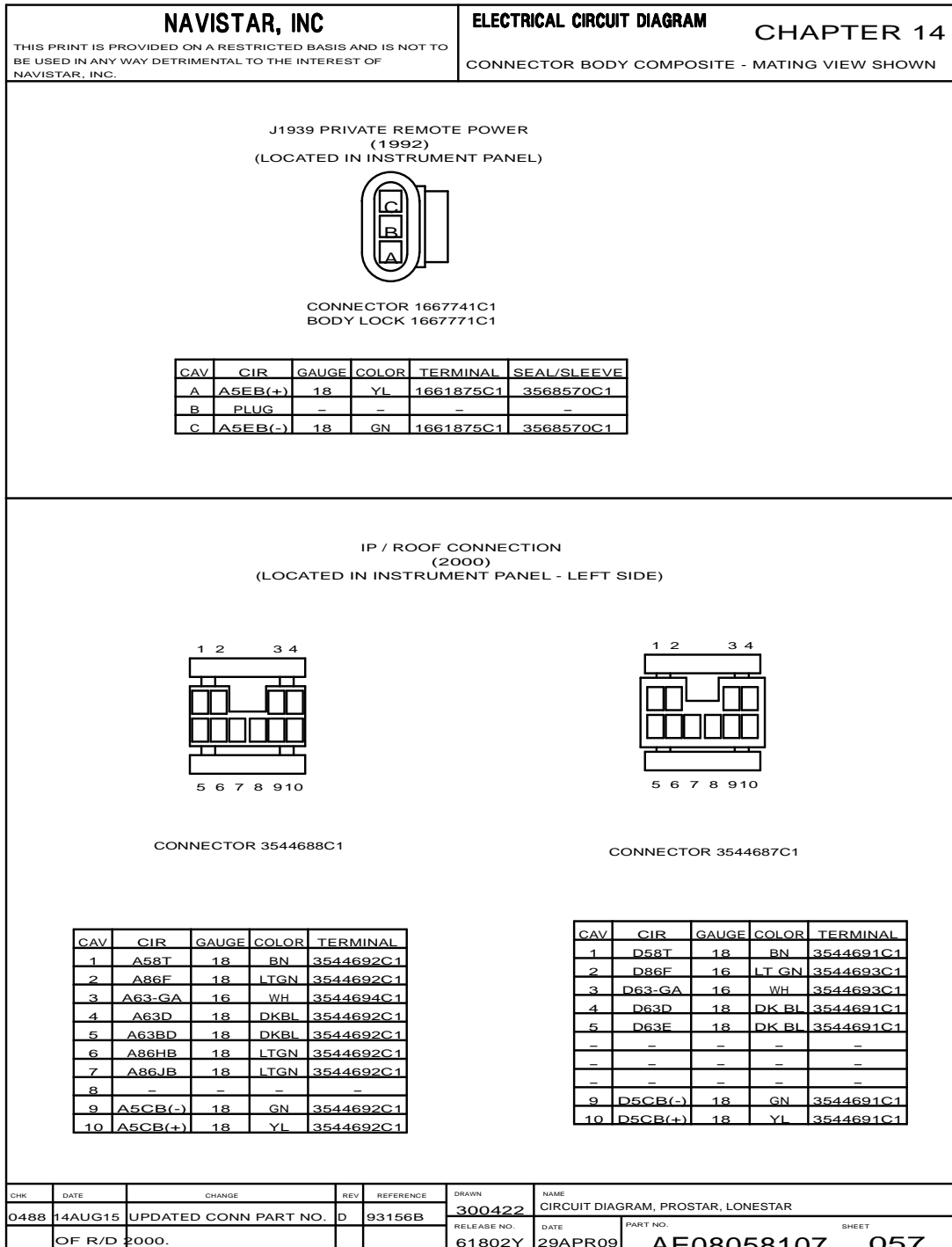


Figure 527 Connector Body Composite (1992), (2000)

14.109. CONNECTOR BODY COMPOSITE (2002M), (2003M), (2004M), (2005M), (2006M), (2007F), P. 58

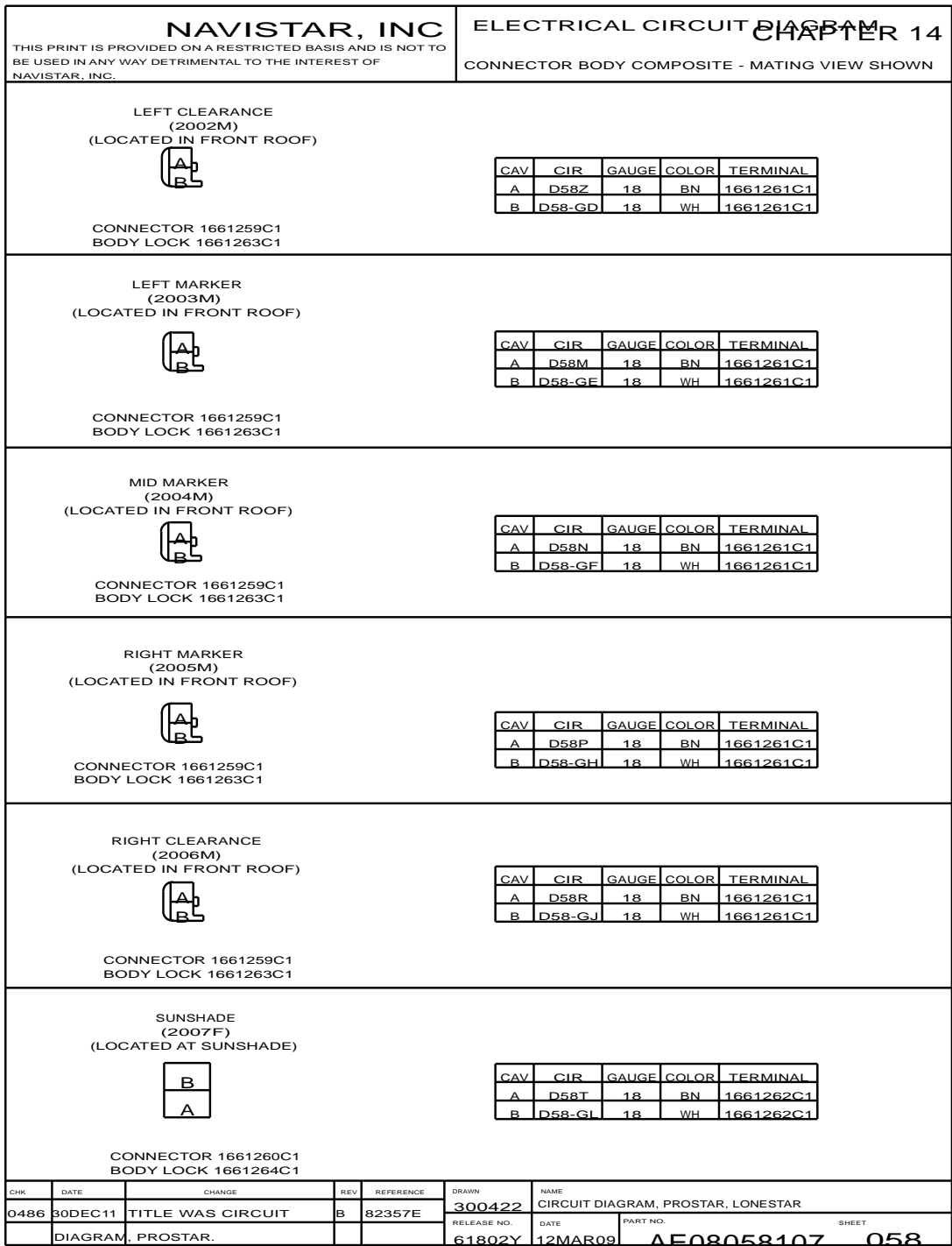


Figure 528 Connector Body Composite (2002M), (2003M), (2004M), (2005M), (2006M), (2007F)

14.110. CONNECTOR BODY COMPOSITE (2010), (2100), (2101), (2102M), (2103M), P. 59



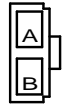
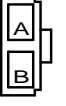
<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 14</b>																																				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																						
<p>AUTO STOP/START ENGINE OIL TEMP SENSOR (2010)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAVITY</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K30BC</td> <td>16</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K9AA</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR 2036584C1                      W/ 2010 SCR 13L ENG</p>								CAVITY	CIRCUIT	GAUGE	COLOR	TERMINAL	A	K30BC	16	TN	2036586C1	B	K9AA	18	GY	2036586C1																				
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<p>HEADLINER TO DOME LIGHT (2100) (LOCATED IN CAB ROOF)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C63-GE</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>A*</td> <td>C63F</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>B</td> <td>C63D</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>B*</td> <td>C63-GE</td> <td>18</td> <td>WH</td> <td>1661261C1</td> </tr> <tr> <td>C</td> <td>C63E</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> <tr> <td>C*</td> <td>C63D</td> <td>18</td> <td>DKBL</td> <td>1661261C1</td> </tr> </tbody> </table> <p>CONNECTOR 1661198C1                      * W/ BENDIX FUSION</p>								CAV	CIR	GAUGE	COLOR	TERMINAL	A	C63-GE	18	WH	1661261C1	A*	C63F	18	DKBL	1661261C1	B	C63D	18	DKBL	1661261C1	B*	C63-GE	18	WH	1661261C1	C	C63E	18	DKBL	1661261C1	C*	C63D	18	DKBL	1661261C1
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<p>HEADLINER TO ROOF HARNESS (2101)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A#</td> <td>D63L</td> <td>18</td> <td>BL</td> <td>1661212C1</td> </tr> <tr> <td>A**</td> <td>D63D</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>A*</td> <td>D63-GM</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> <tr> <td>B#</td> <td>D63L-G</td> <td>18</td> <td>WH</td> <td>1661212C1</td> </tr> <tr> <td>B*</td> <td>D63-GM</td> <td>18</td> <td>WH</td> <td>1661208C1</td> </tr> <tr> <td>B**</td> <td>D63-GM</td> <td>18</td> <td>DKBL</td> <td>1661208C1</td> </tr> </tbody> </table> <p>CONNECTOR 1669972C1</p> <p># W/ DOME LIGHT ** W/ SLEEPER-2 * W/ SLEEPER</p>								CAV	CIR	GAUGE	COLOR	TERMINAL	A#	D63L	18	BL	1661212C1	A**	D63D	18	DKBL	1661208C1	A*	D63-GM	18	DKBL	1661208C1	B#	D63L-G	18	WH	1661212C1	B*	D63-GM	18	WH	1661208C1	B**	D63-GM	18	DKBL	1661208C1
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-	-	2103M.			RELEASE NO.	DATE	PART NO.																																			
					61802Y	29APR09	AE08058107 059																																			

Figure 529 Connector Body Composite (2100), (2010), (2101), (2102M), (2103M)

14.111. CONNECTOR BODY COMPOSITE (2200), (2201), (2223), (2224), (2225), (2227), (2227B) P. 60

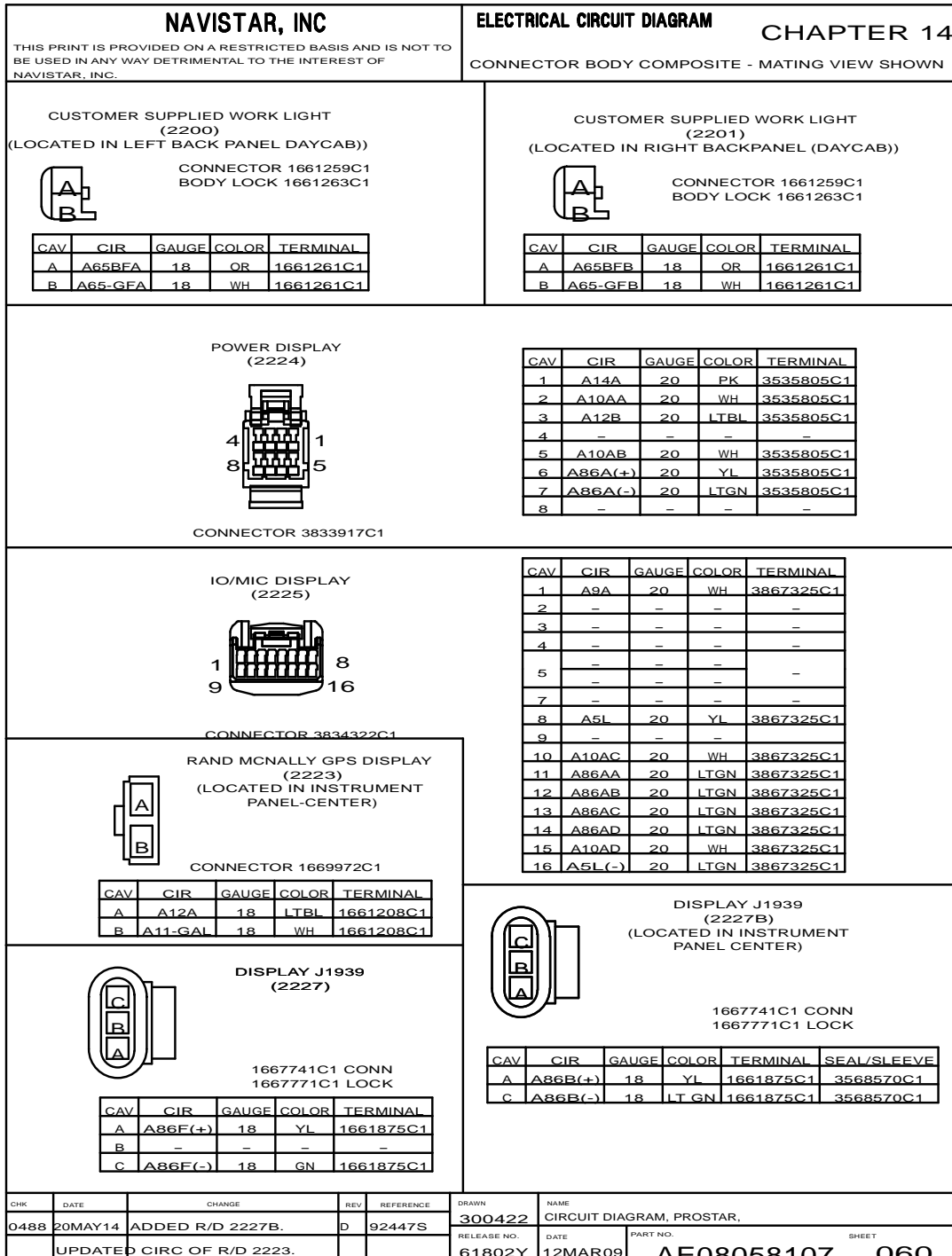


Figure 530 Connector Body Composite (2200), (2201), (2223), (2224), (2225), (2227), (2227B)



14.112. CONNECTOR BODY COMPOSITE (2300), (2302), (2303F), (2303M), (2304), (2312), P. 61

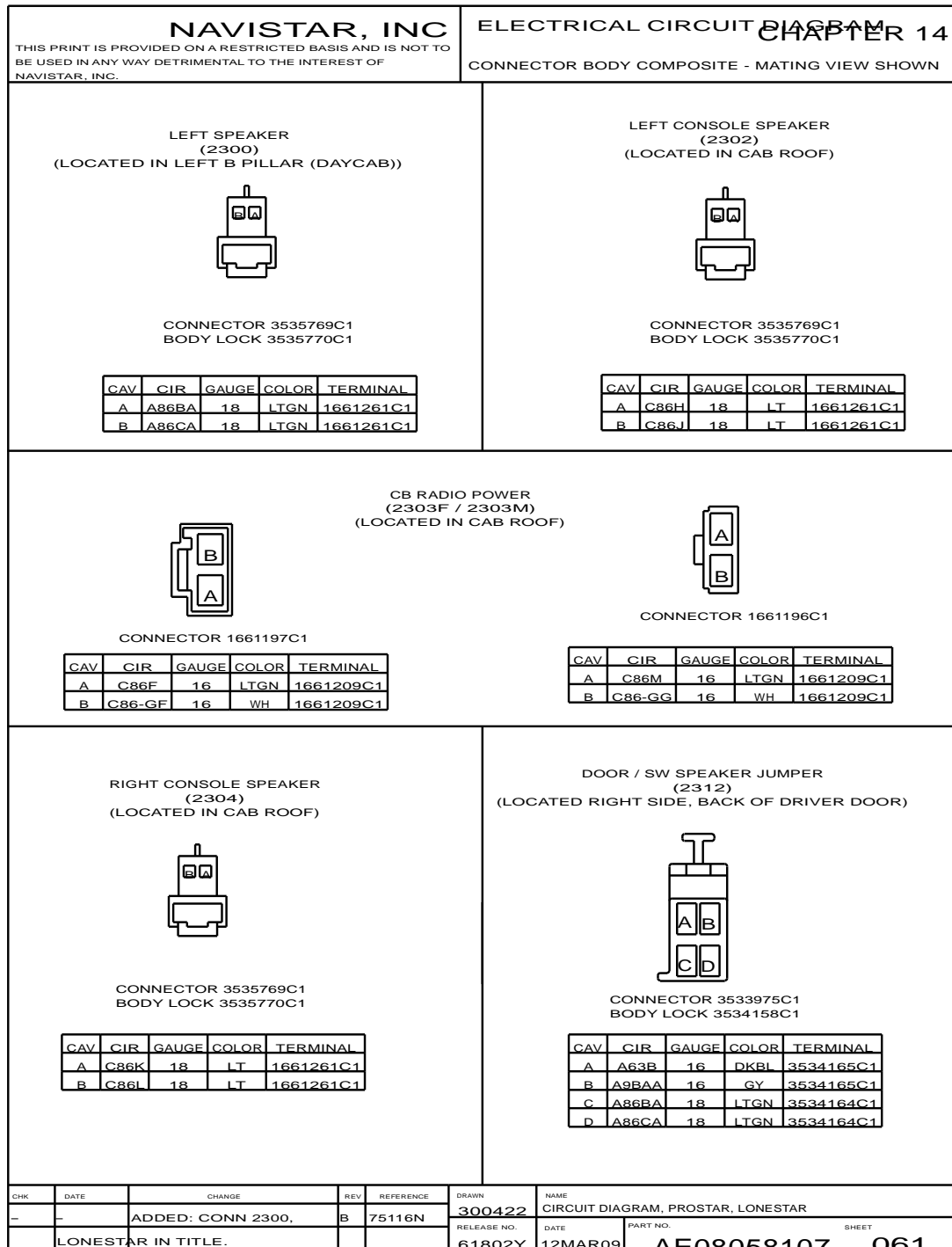


Figure 531 Connector Body Composite (2300), (2302), (2303F), (2303M), (2304), (2312)

14.113. CONNECTOR BODY COMPOSITE (2313), (2500), (2505), P. 62

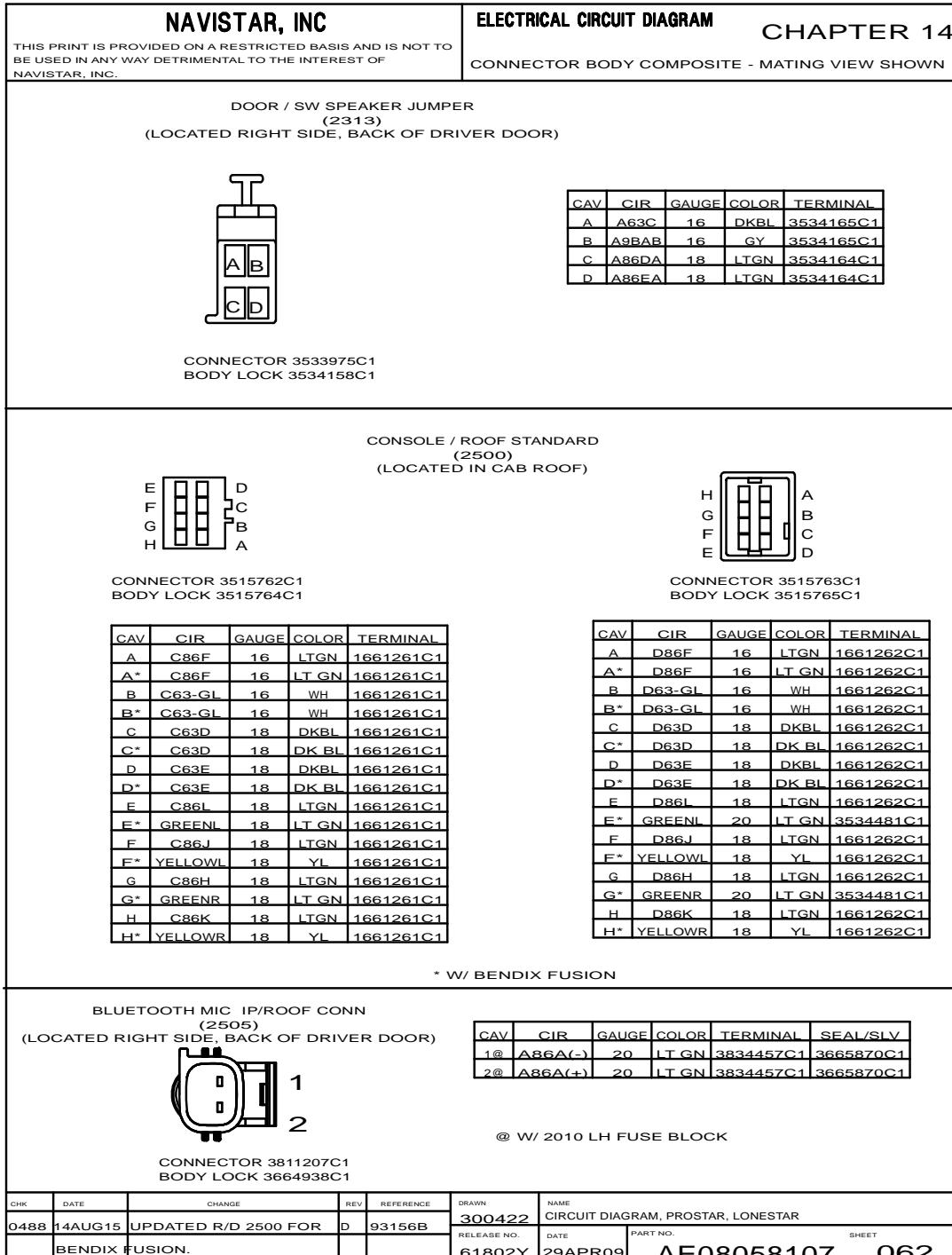


Figure 532 Connector Body Composite (2313), (2500), (2505)

14.114. CONNECTOR BODY COMPOSITE (3000), (3003M), (3100), (3100M), P. 63

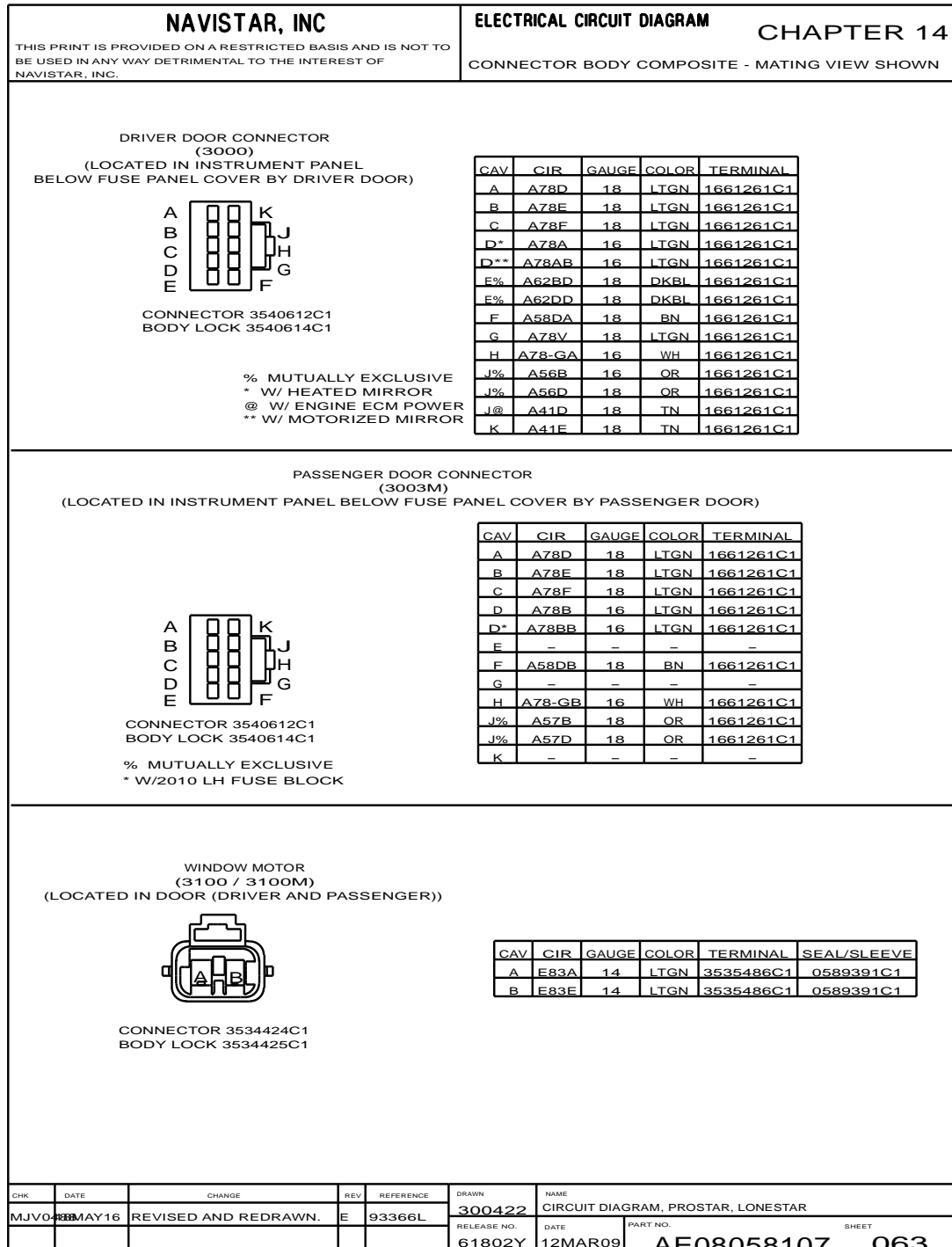


Figure 533 Connector Body Composite (3000), (3003M), (3100), (3100M)

14.115. CONNECTOR BODY COMPOSITE (3200), (3200F), (3201), (3201M), (3202M), (3203), P. 64

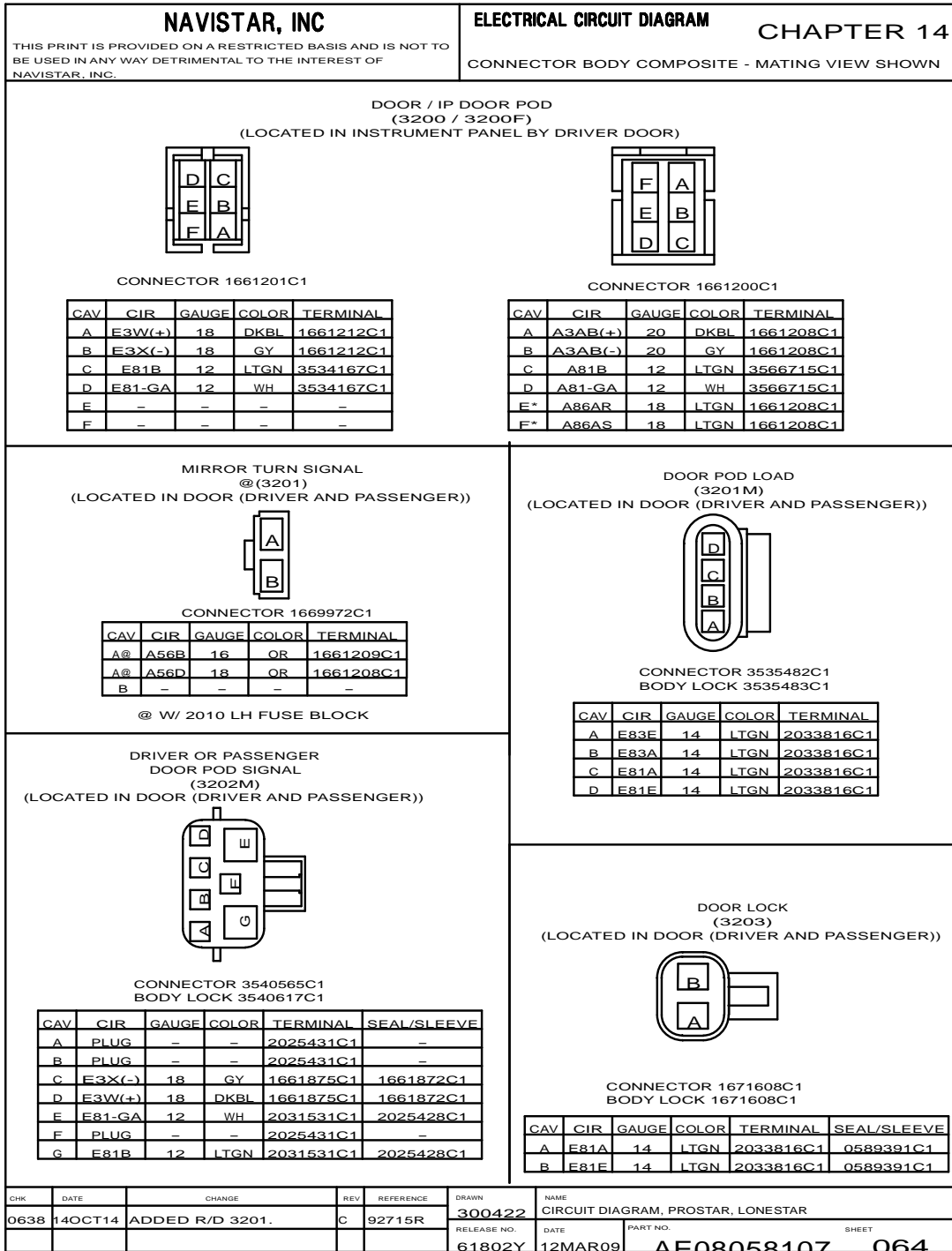


Figure 534 Connector Body Composite (3200), (3200F), (3201), (3201M), (3202M), (3203)

14.116. CONNECTOR BODY COMPOSITE (3204), (3204M), (3205M), (3205F), (3206M), (3300), (3400), (3410), P. 65

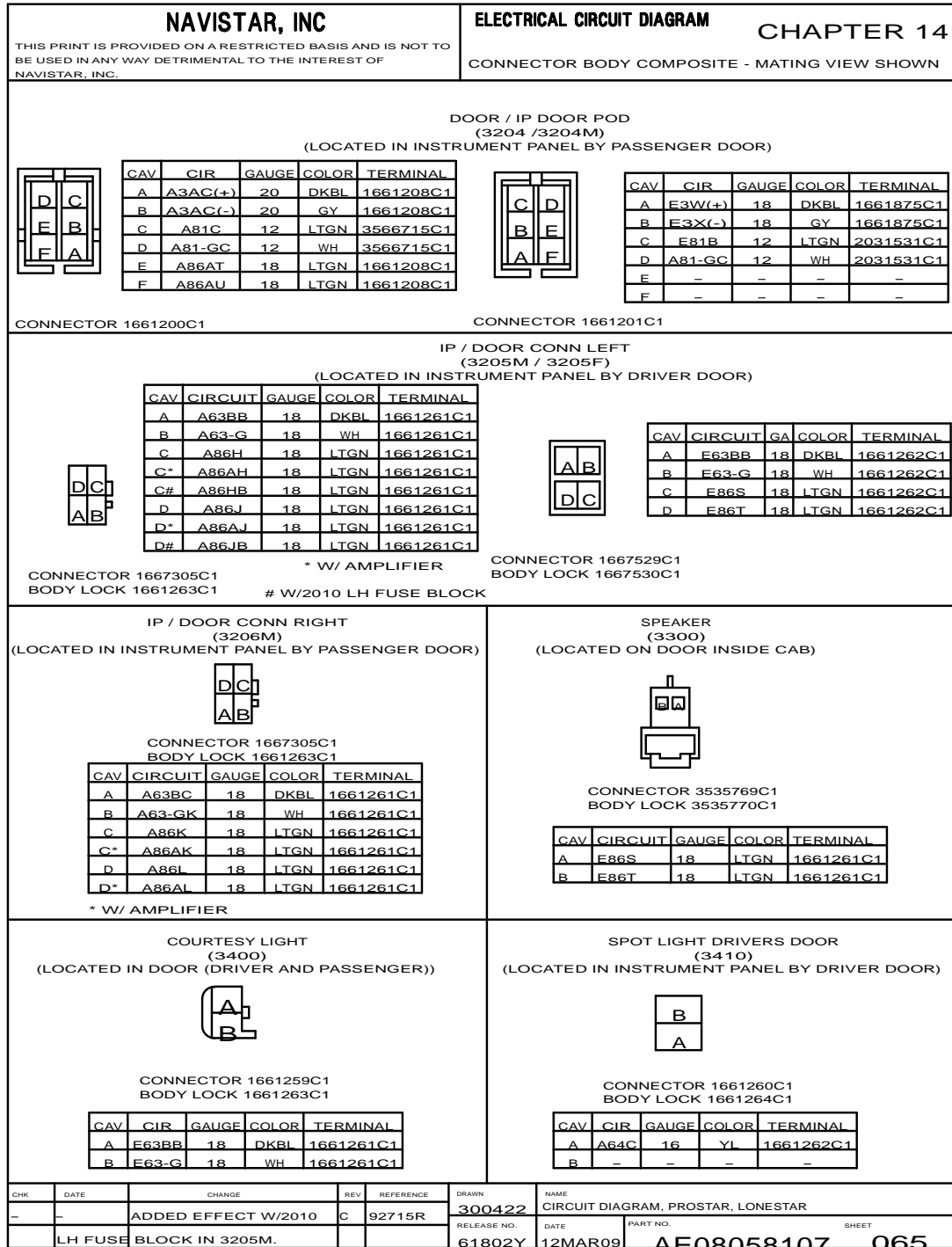


Figure 535 Connector Body Composite (3204), (3204M), (3205M), (3205F), (3206M), (3300), (3400), (3410)

14.117. CONNECTOR BODY COMPOSITE (4004), (4101), (4111), (4204), P. 66

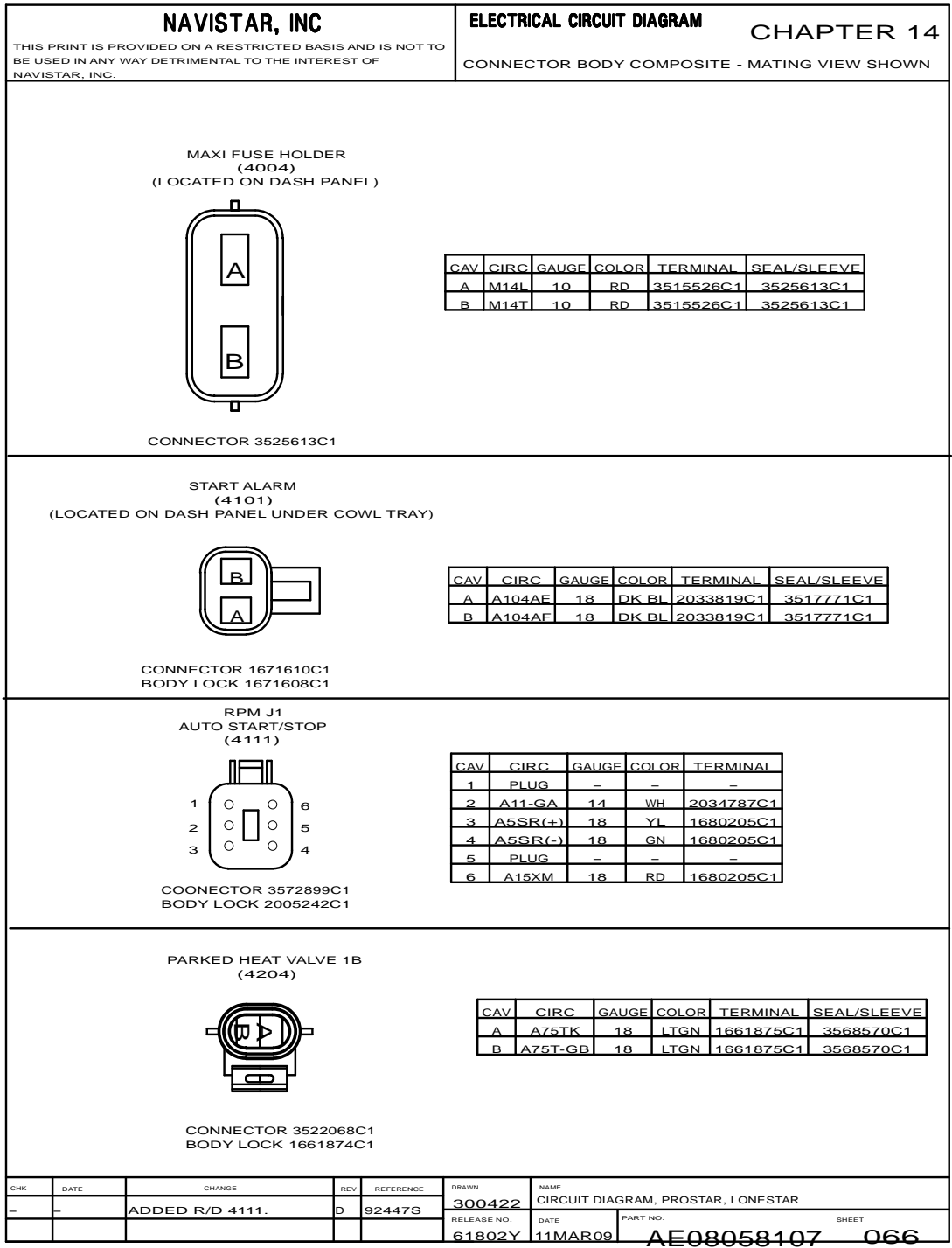


Figure 536 Connector Body Composite (4004), (4101), (4111), (4204)

14.118. CONNECTOR BODY COMPOSITE (4113), (4114), (4115), (4450BF), P. 66A

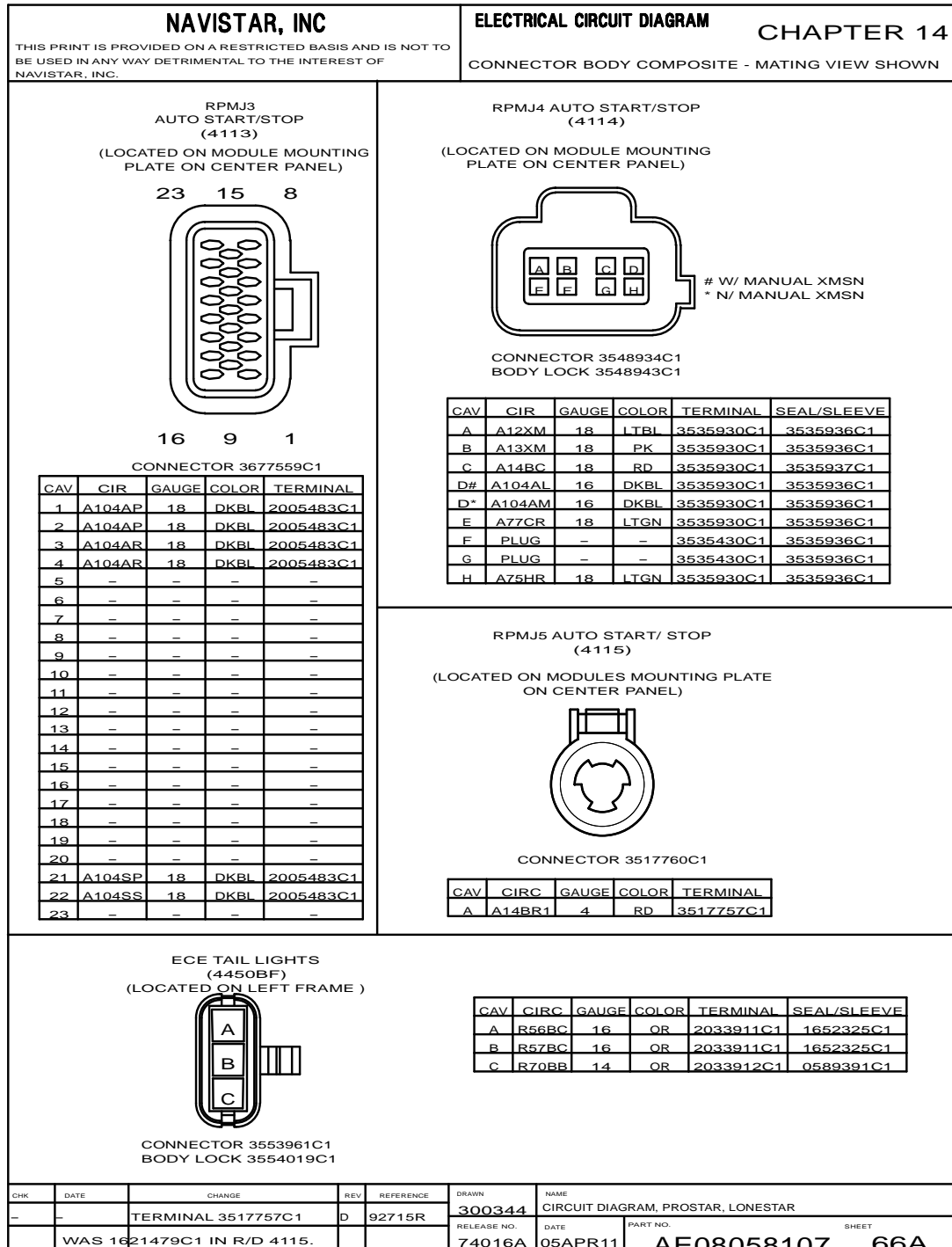


Figure 537 Connector Body Composite (4113), (4114), (4115), (4450BF)

14.119. CONNECTOR BODY COMPOSITE (4204), (4328), P. 66B

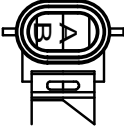

<p style="text-align: center;"><b>NAVISTAR, INC</b></p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p style="text-align: center;">ELECTRICAL CIRCUIT DIAGRAM      <b>CHAPTER 14</b></p> <p style="text-align: center;">CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN</p>																																			
<p>PARKED HEAT VALVE 1B (4204)</p>  <p>CONNECTOR 3522068C1 BODY LOCK 1661874C1</p> <table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A75TK</td> <td>18</td> <td>LTGN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>A75T-GB</td> <td>18</td> <td>LTGN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table>		CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A75TK	18	LTGN	1661875C1	3568570C1	B	A75T-GB	18	LTGN	1661875C1	3568570C1																	
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<p>ENGINE DIAGNOSTICS CONNECTOR (4328) (LOCATED ON LEFT SIDE OF ENGINE)</p>  <p>CONNECTOR 3602454C1 BODY LOCK 1655705C1</p> <table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K98YL</td> <td>18</td> <td>YL</td> <td>1680206C1</td> </tr> <tr> <td>A&amp;</td> <td>K98YL</td> <td>20</td> <td>YL</td> <td>1651987C1</td> </tr> <tr> <td>B</td> <td>K98GN</td> <td>18</td> <td>LTGN</td> <td>1680206C1</td> </tr> <tr> <td>B&amp;</td> <td>K98GN</td> <td>20</td> <td>GN</td> <td>1651987C1</td> </tr> <tr> <td>C</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>0453133C1</td> </tr> </tbody> </table> <p style="text-align: center;">&amp; W/ 2010 SCR 13L ENG</p>		CAV	CIRC	GAUGE	COLOR	TERMINAL	A	K98YL	18	YL	1680206C1	A&	K98YL	20	YL	1651987C1	B	K98GN	18	LTGN	1680206C1	B&	K98GN	20	GN	1651987C1	C	PLUG	-	-	0453133C1					
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Figure 538 Connector Body Composite (4204), (4328)



14.120. CONNECTOR BODY COMPOSITE (4450AM), (4450BM), (4450M), (4460BF), P. 67

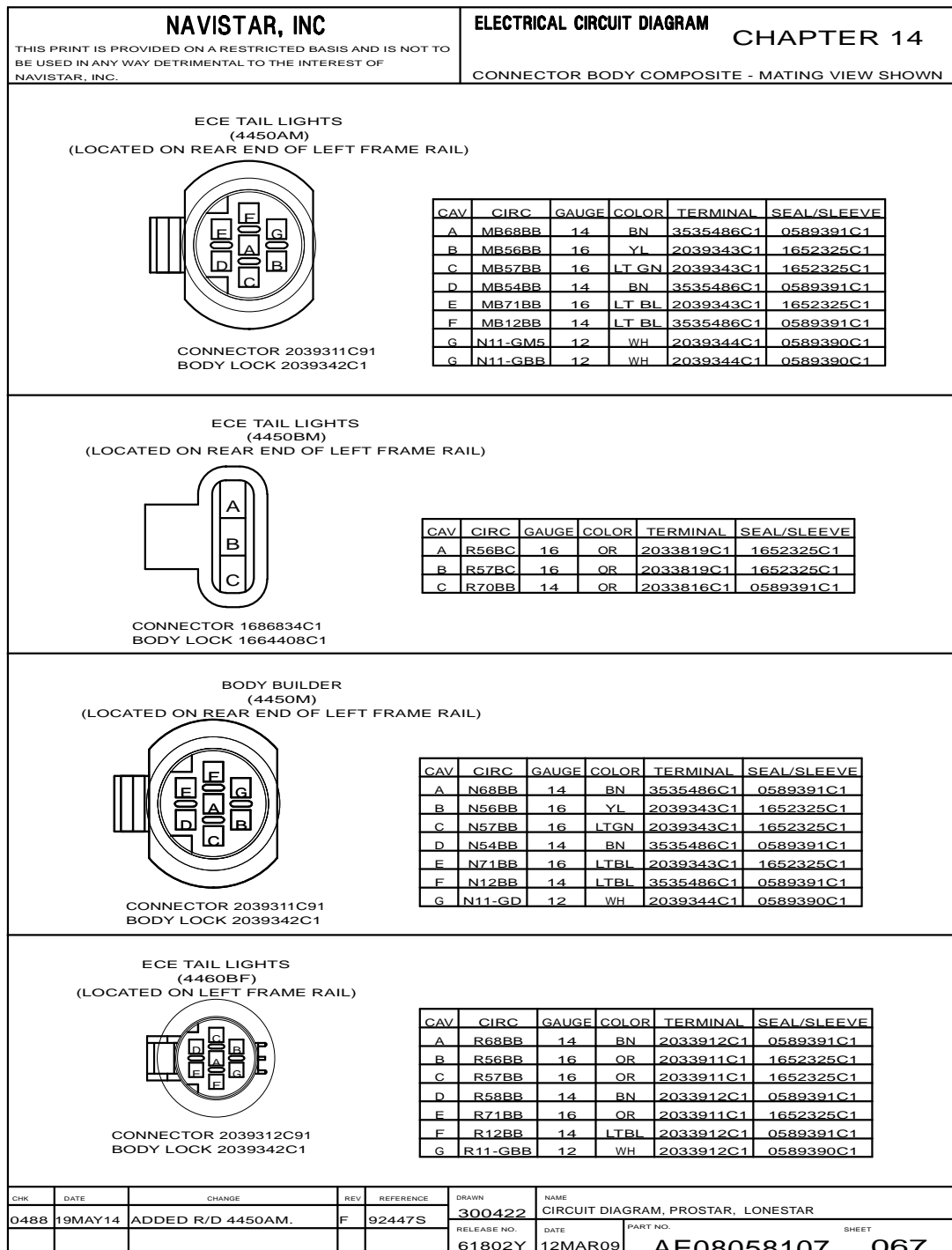


Figure 539 Connector Body Composite (4450BF), (4450BM), (4450M), (4460BF)

14.121. CONNECTOR BODY COMPOSITE (4460M), (4460AM), (4460BM), (4470BM), P. 67A

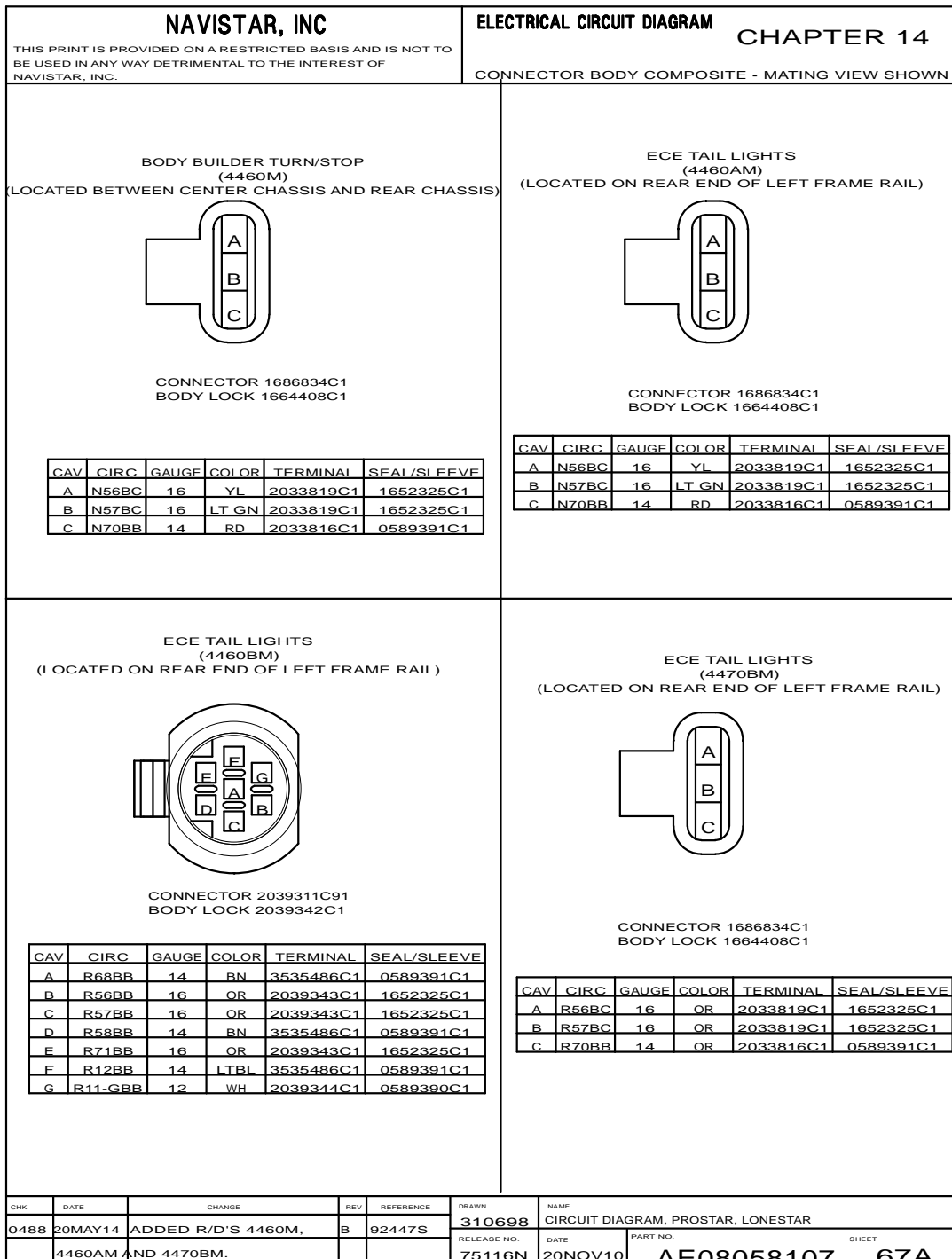


Figure 540 Connector Body Composite (4460M), (4460AM), (4460BM), (4470BM)

14.122. CONNECTOR BODY COMPOSITE (4480BM), (4500), (4705), P. 67B

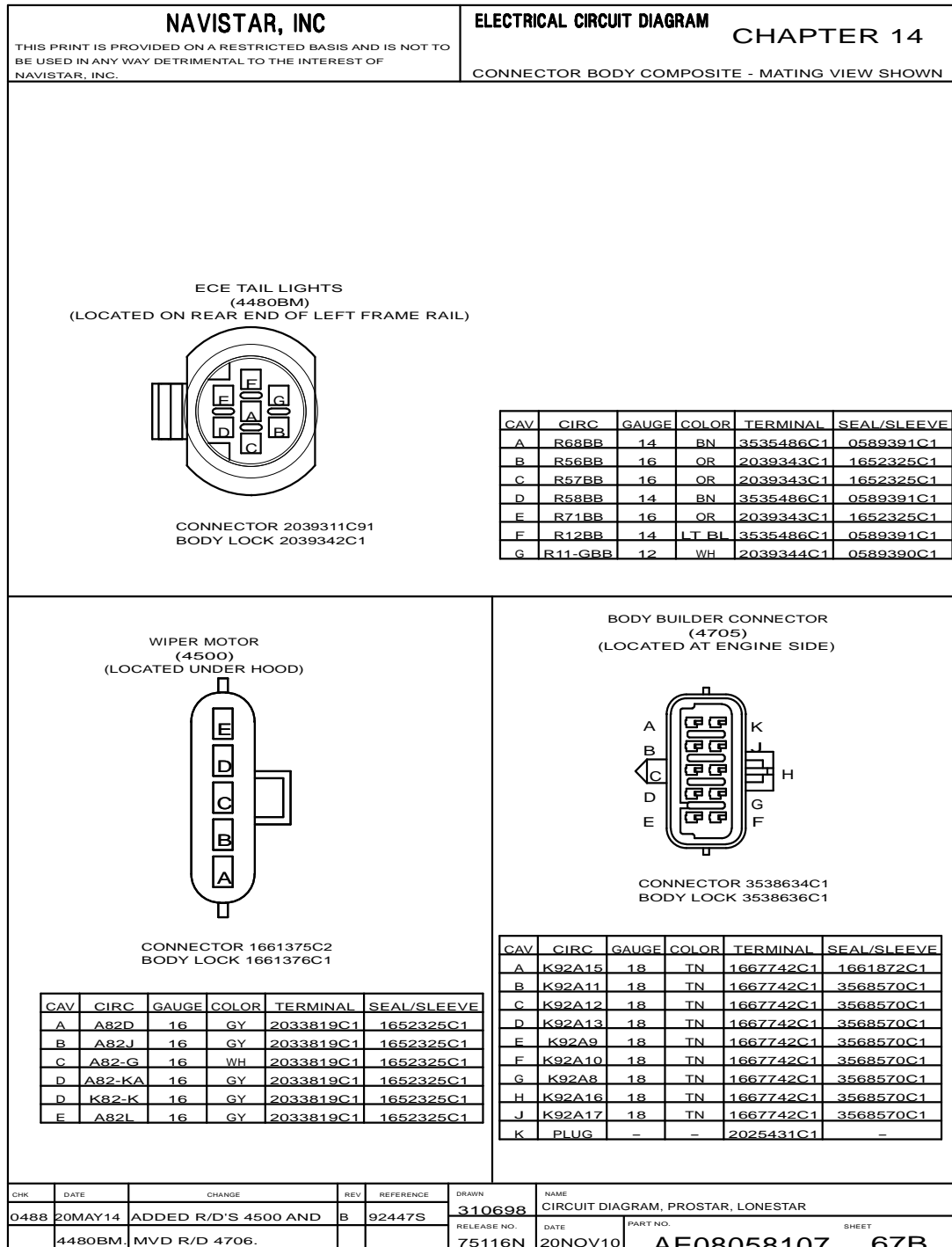


Figure 541 Connector Body Composite (4480BM), (4500), (4705)

14.123. CONNECTOR BODY COMPOSITE (5000 / 5000A), P. 68

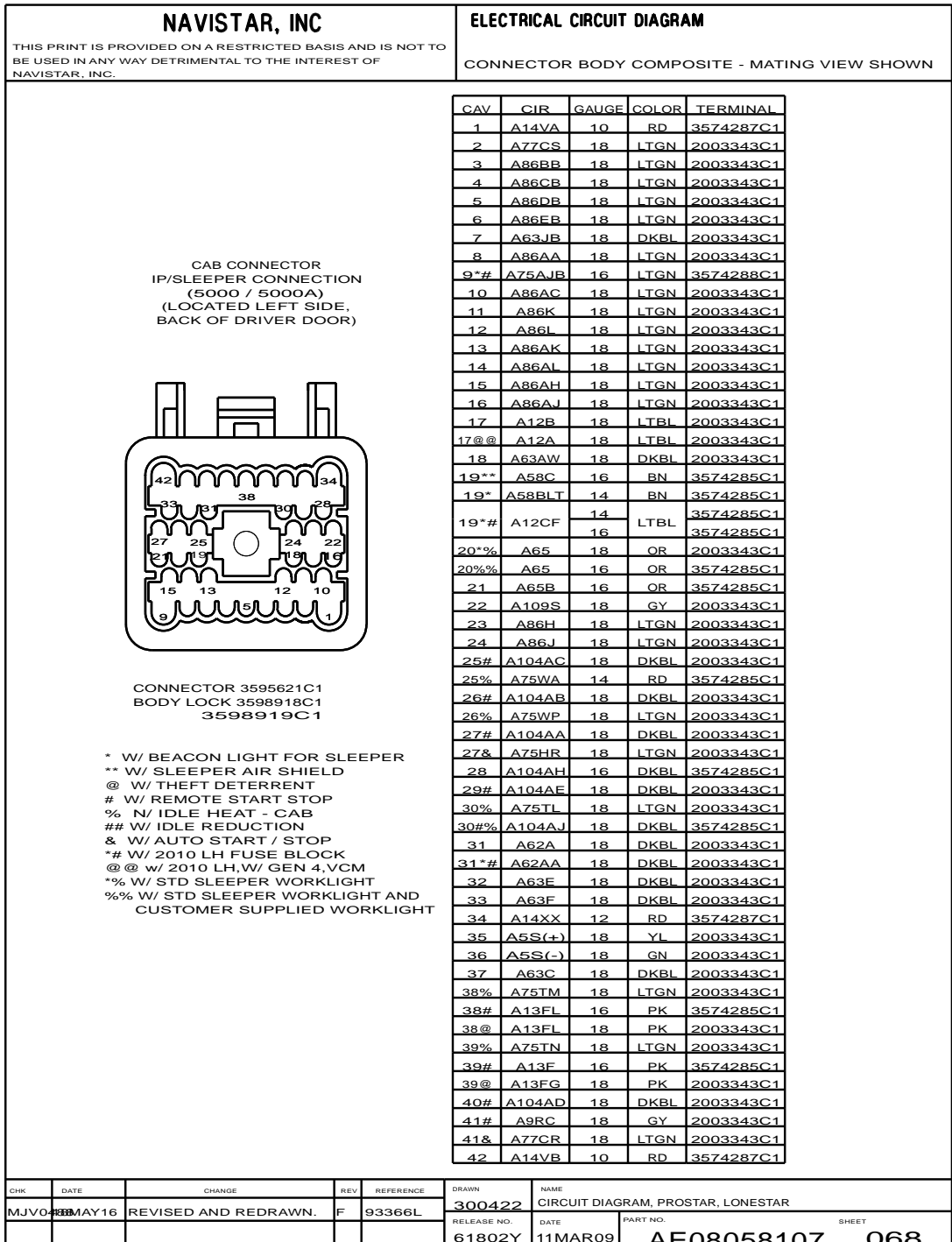


Figure 542 Connector Body Composite (5000 / 5000A)

14.124. CONNECTOR BODY COMPOSITE (5000), P. 69

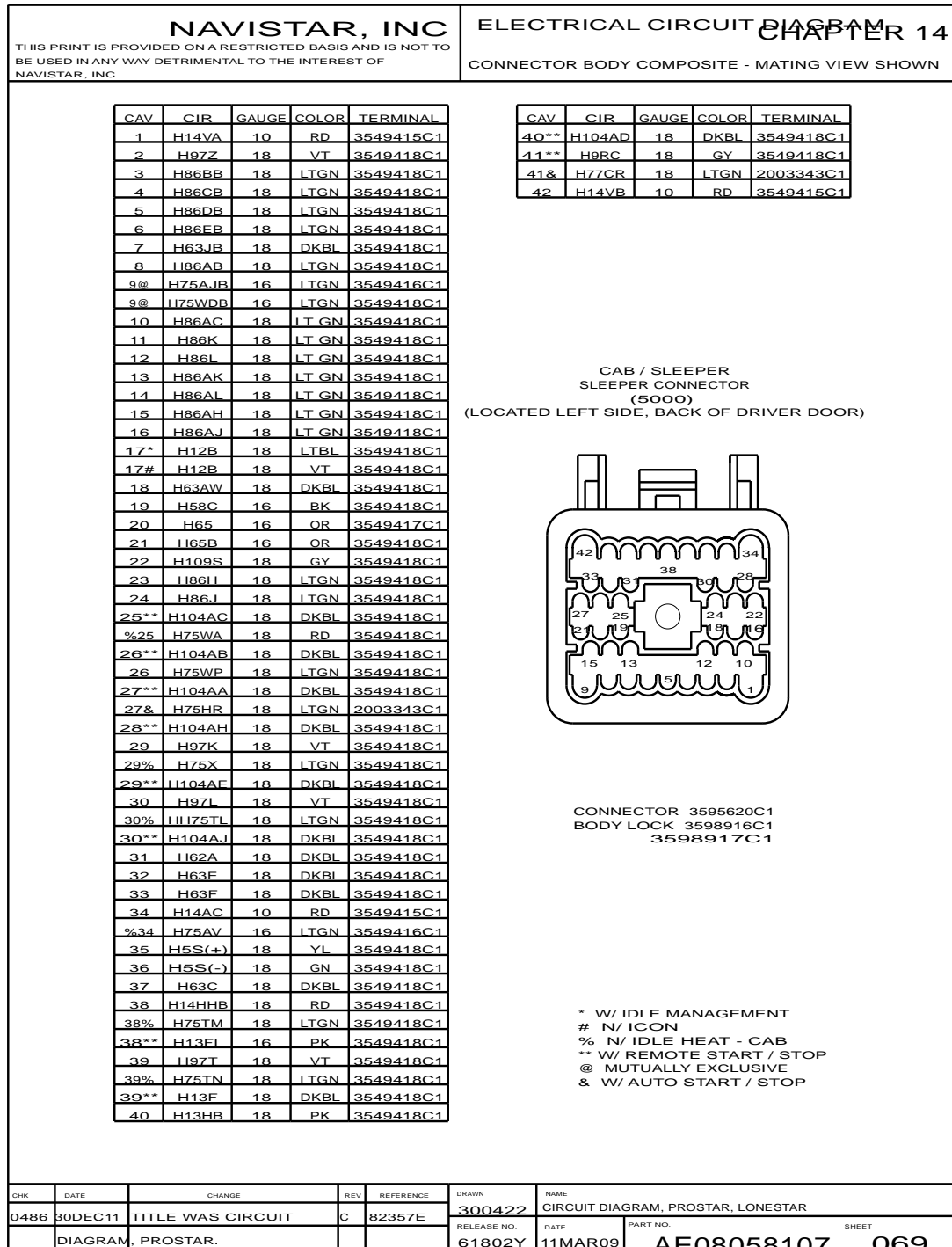


Figure 543 Connector Body Composite (5000)

14.125. CONNECTOR BODY COMPOSITE (5001), P. 70

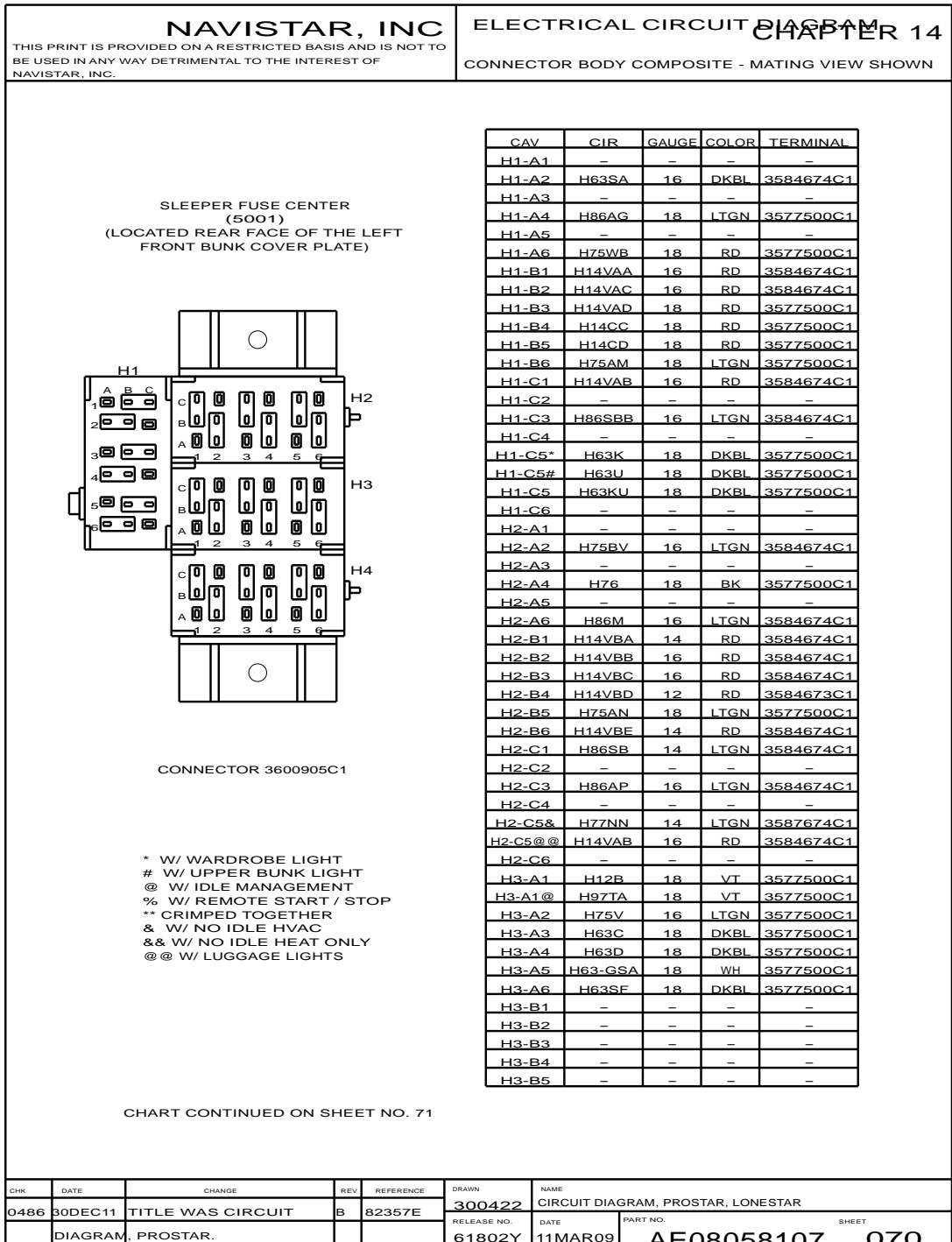


Figure 544 Connector Body Composite (5001)

14.126. CONNECTOR BODY COMPOSITE (5001), (5002), P. 71

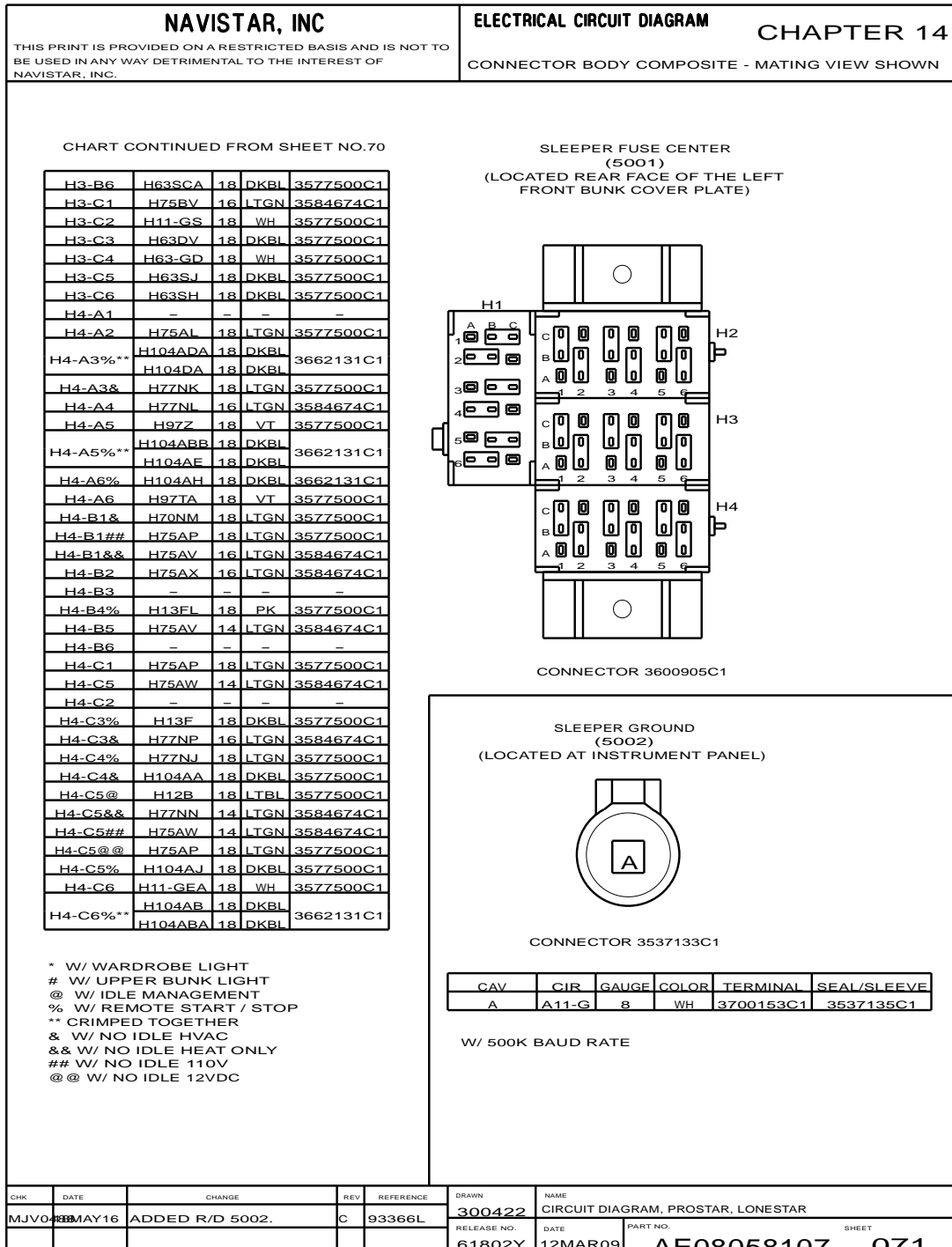


Figure 545 Connector Body Composite (5001), (5002)

14.127. CONNECTOR BODY COMPOSITE (5002), (5003), (5005), (5006), (5007), P. 72

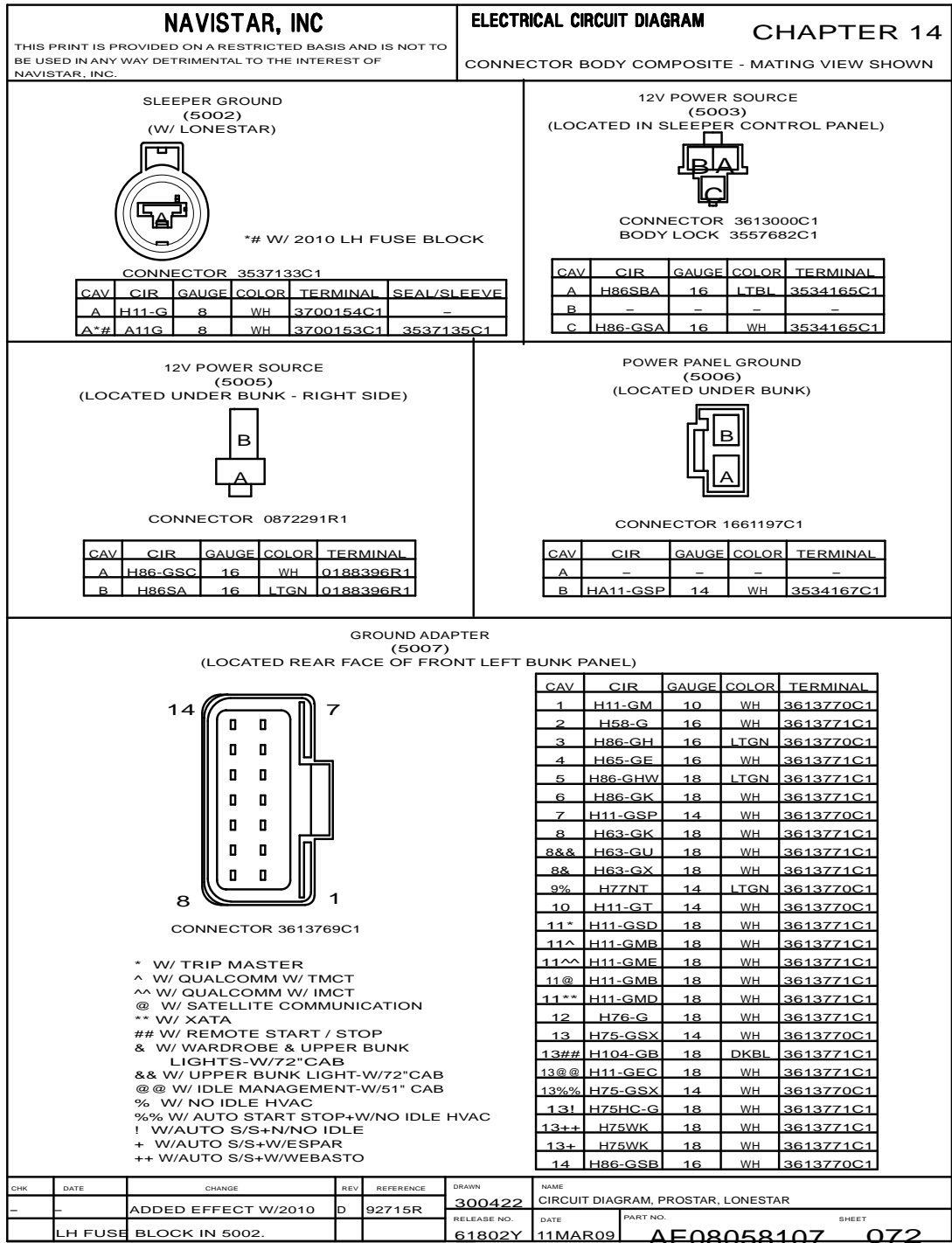


Figure 546 Connector Body Composite (5002), (5003), (5005), (5006), (5007)



14.128. CONNECTOR BODY COMPOSITE (5009), (5010), (5011), (5011M), (5011F), P. 73

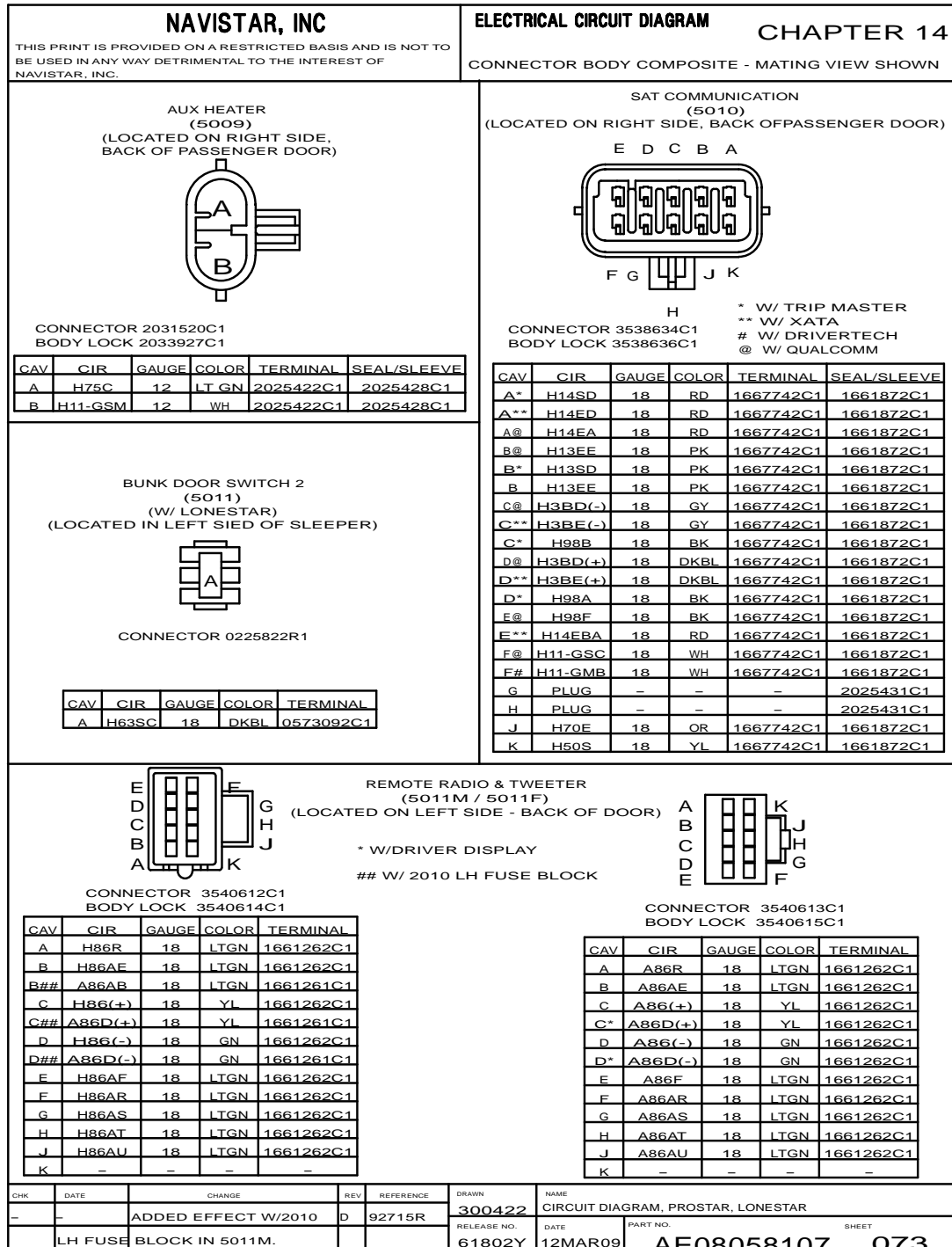


Figure 547 Connector Body Composite (5009), (5010), (5011), (5011M), (5011F)

14.129. CONNECTOR BODY COMPOSITE (5011M), P. 73A

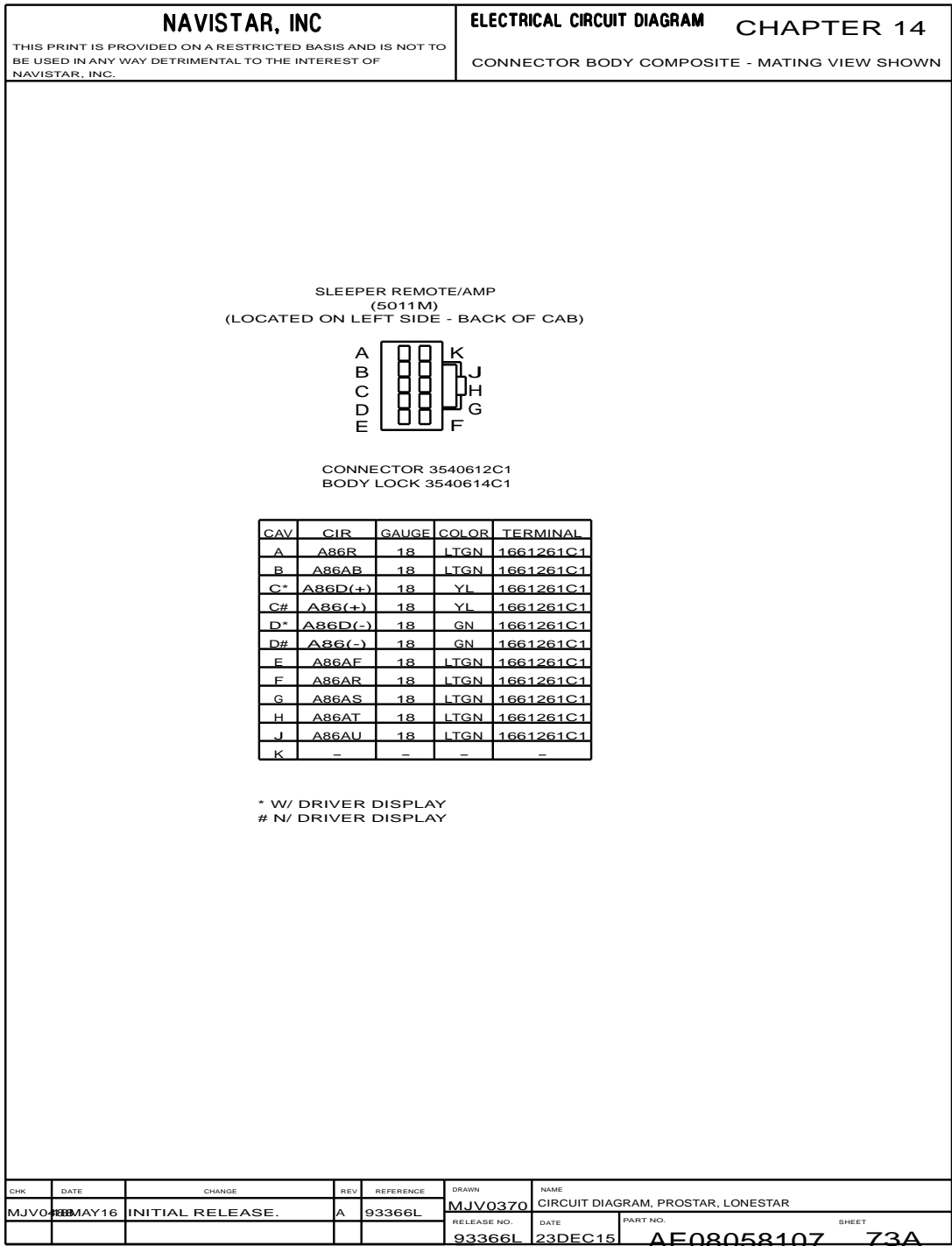


Figure 548 Connector Body Composite (5011M)

14.130. CONNECTOR BODY COMPOSITE (5012), (5013), (5014), (5015), (5020), (5031), P. 74

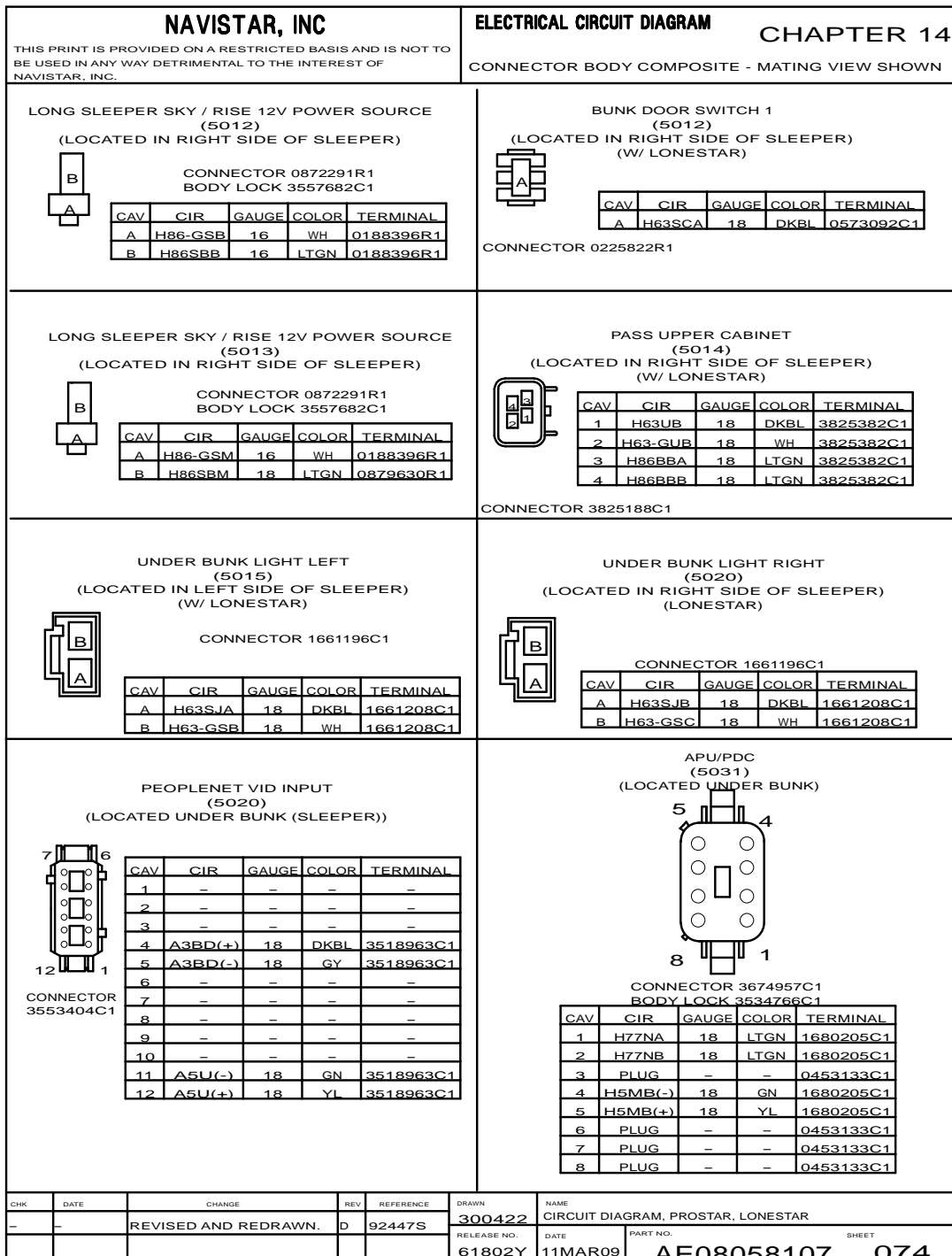


Figure 549 Connector Body Composite (5012), (5013), (5014), (5015), (5020), (5031)

14.131. CONNECTOR BODY COMPOSITE (5034), (5035), (5035A), (5036), (5037), (5038), P. 74A

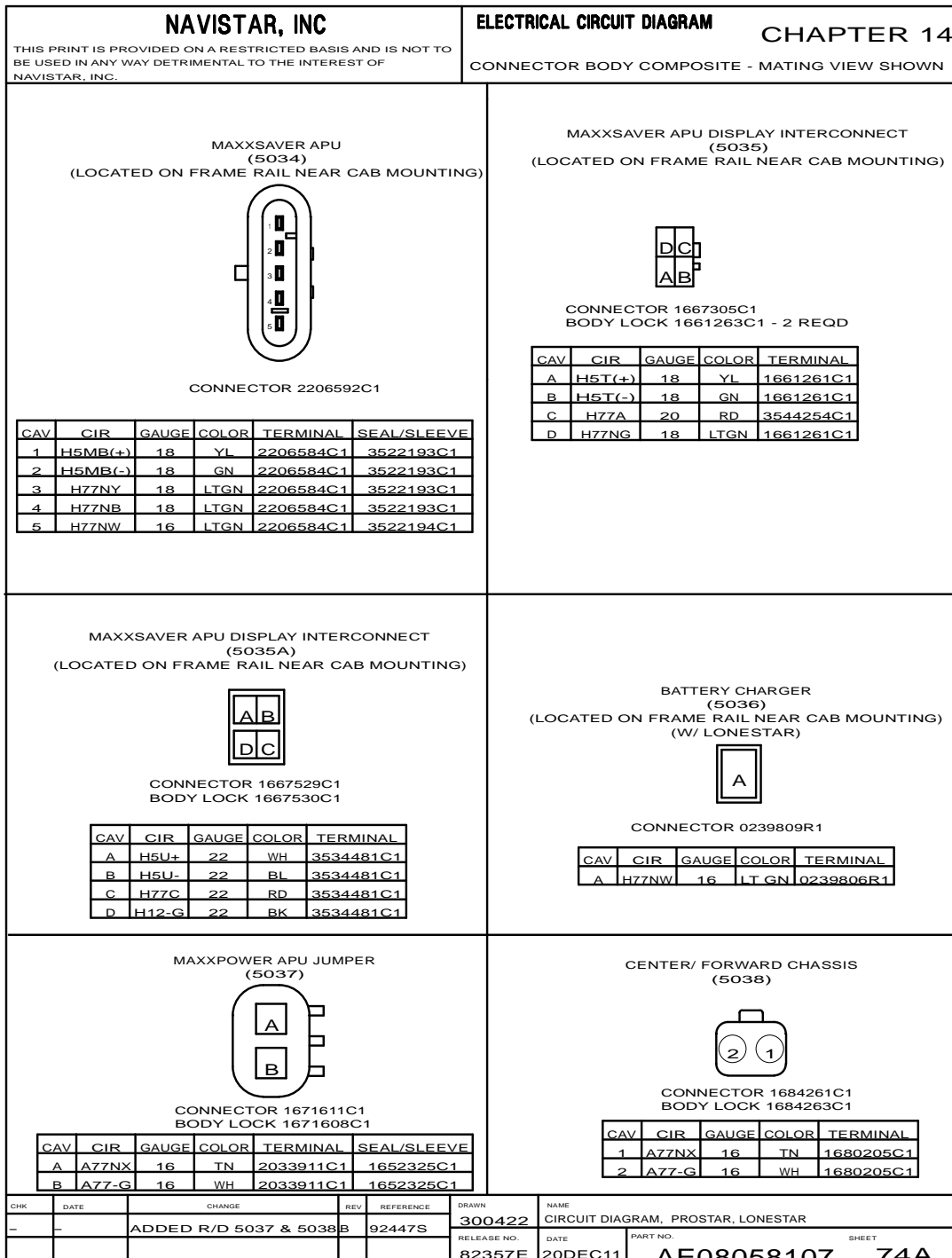


Figure 550 Connector Body Composite (5034), (5035), (5035A), (5036), (5037), (5038)

14.132. CONNECTOR BODY COMPOSITE (5100), (5101), (5102), (5103), P. 75

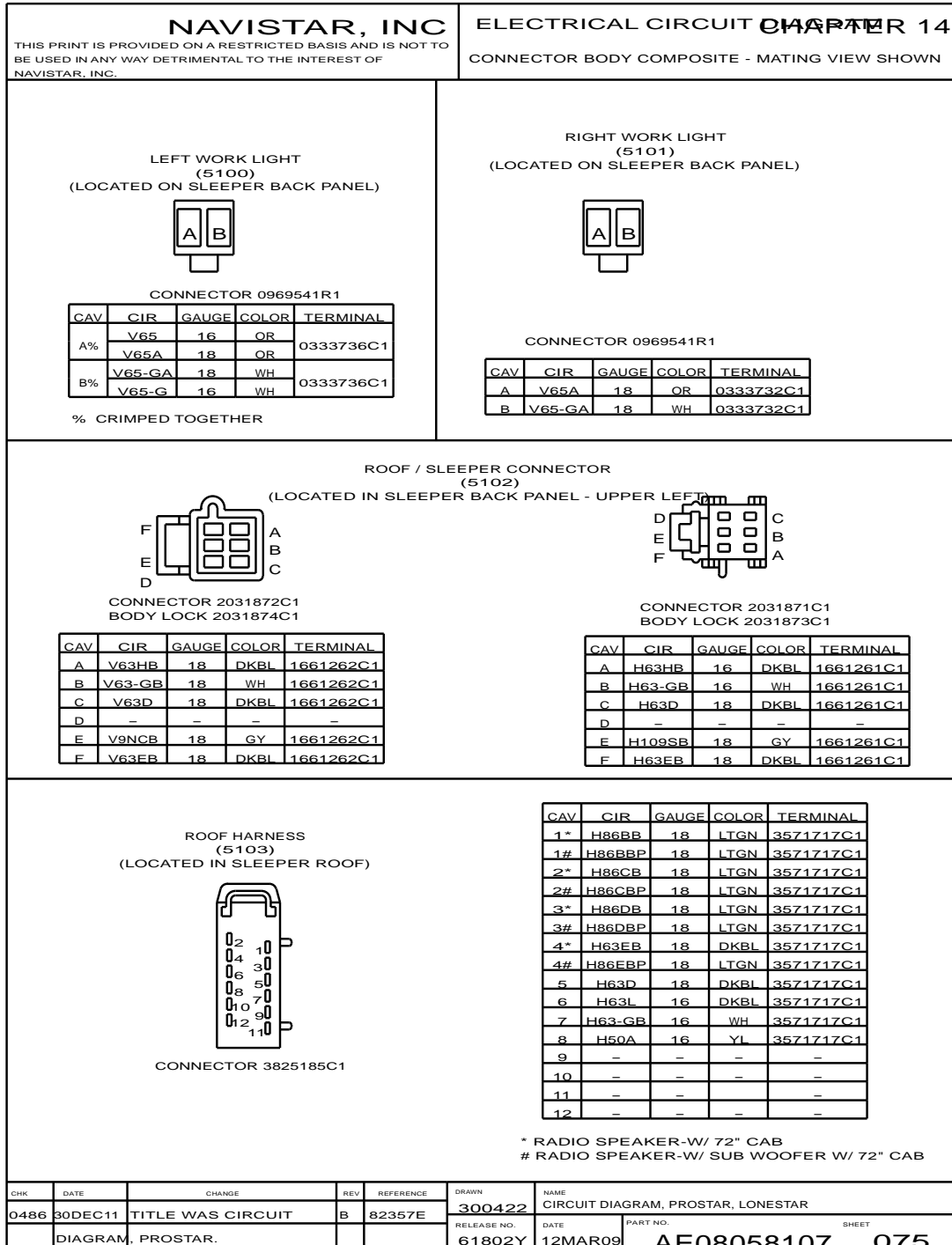


Figure 551 Connector Body Composite (5100), (5101), (5102), (5103)

14.133. CONNECTOR BODY COMPOSITE (5103), (5104), (5105), (5106), (5107), (5109), (5110), (5111), P. 76

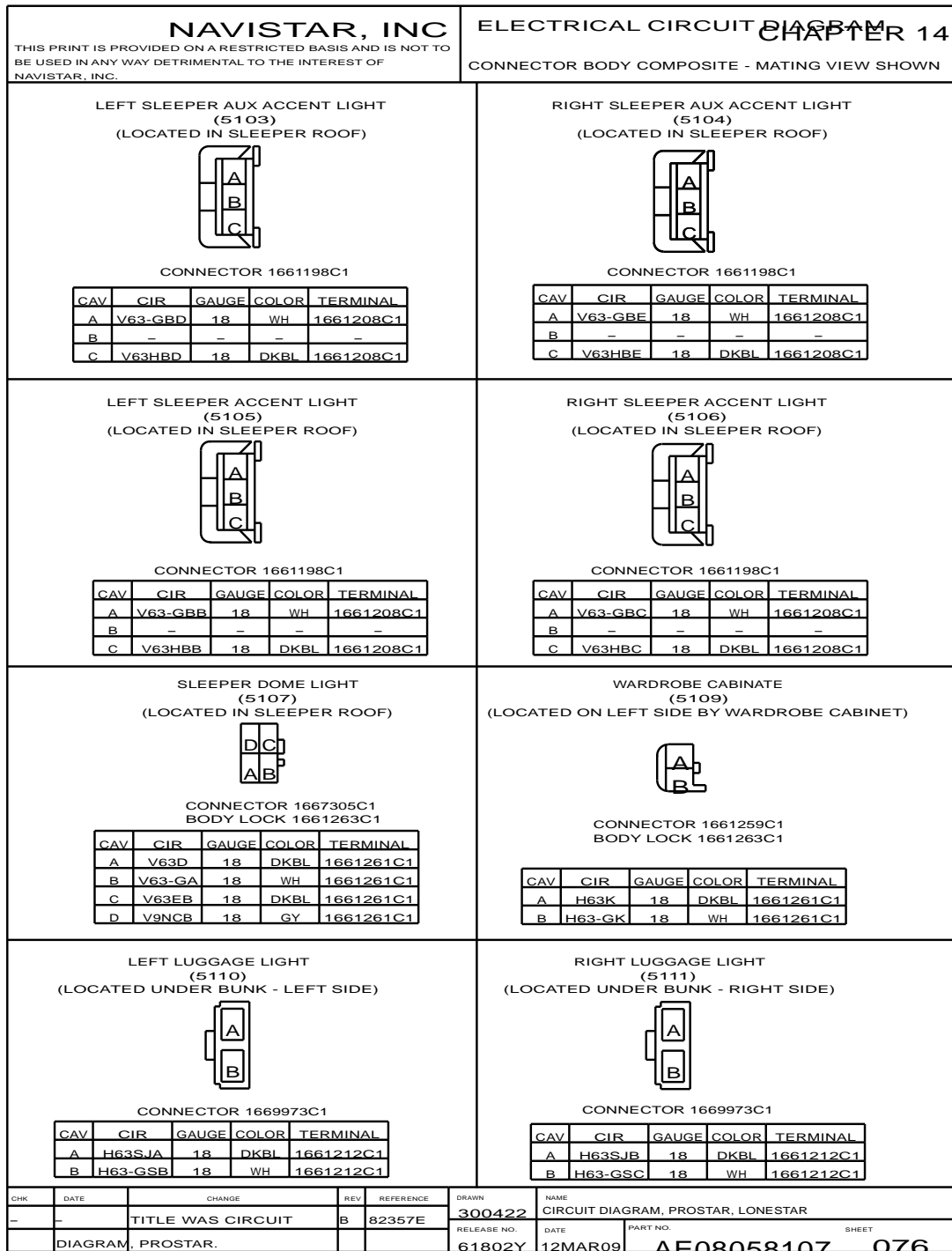


Figure 552 Connector Body Composite (5103), (5104), (5105), (5106), (5107), (5109), (5110), (5111)

14.134. CONNECTOR BODY COMPOSITE (5112), (5113), (5114), (5115), P. 76A

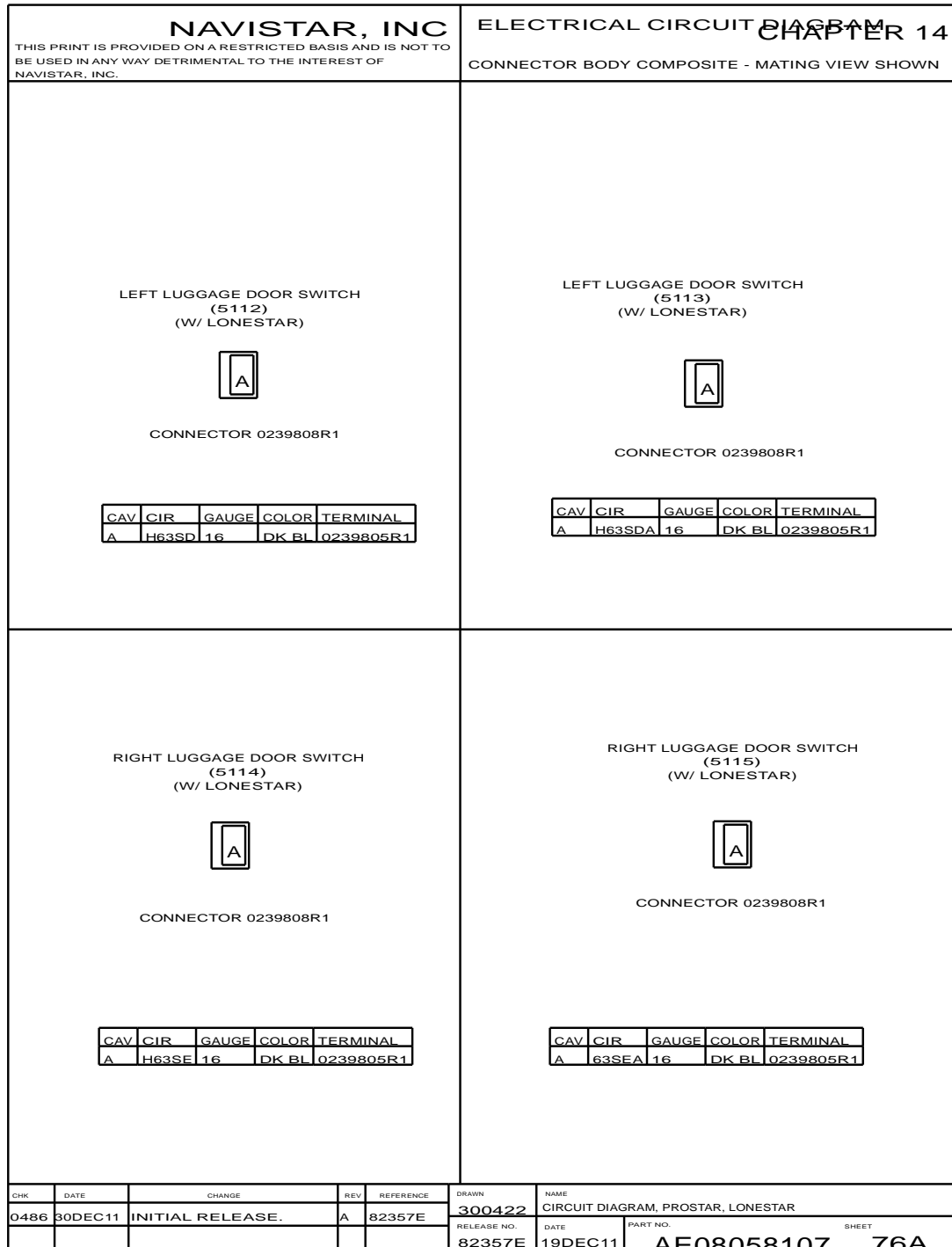


Figure 553 Connector Body Composite (5112), (5113), (5114), (5115)

14.135. CONNECTOR BODY COMPOSITE (5117), (5118), (5119), P. 77

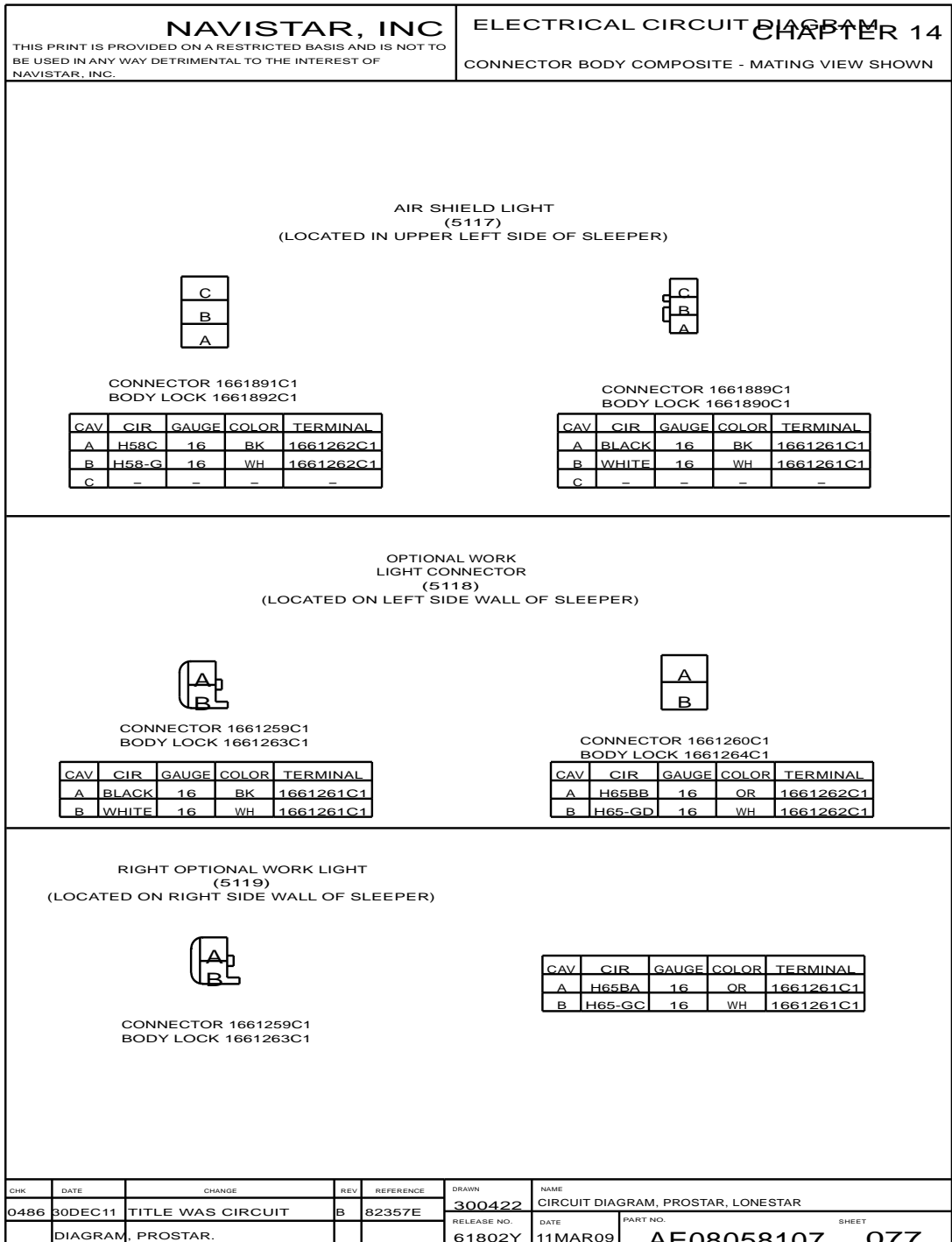


Figure 554 Connector Body Composite (5117), (5118), (5119)



14.136. CONNECTOR BODY COMPOSITE (5123), (5124), (5125), (5126), P. 78

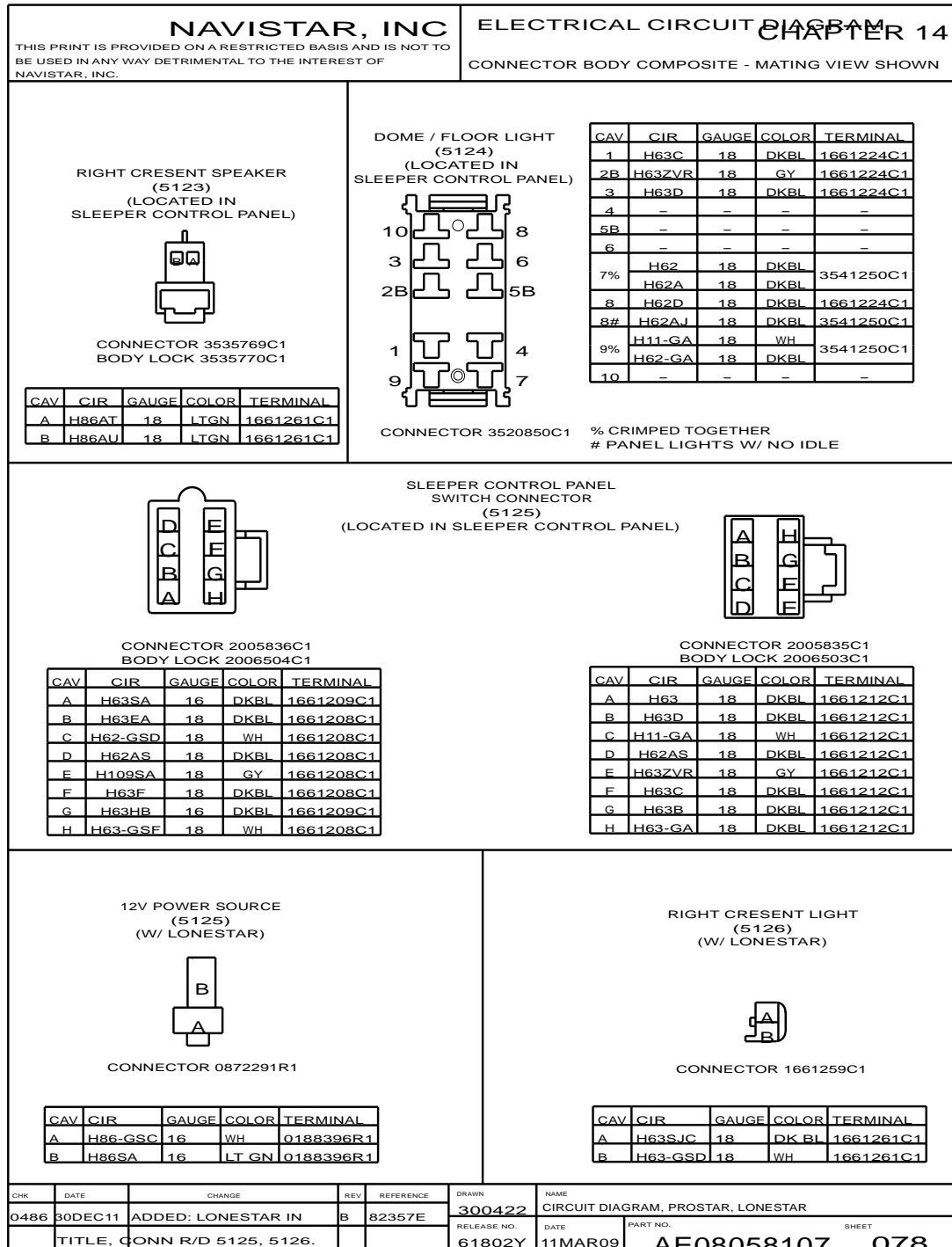


Figure 555 Connector Body Composite (5123), (5124), (5125), (5126)

14.137. CONNECTOR BODY COMPOSITE (5126), (5127), (5128), (5129), (5130), P. 79

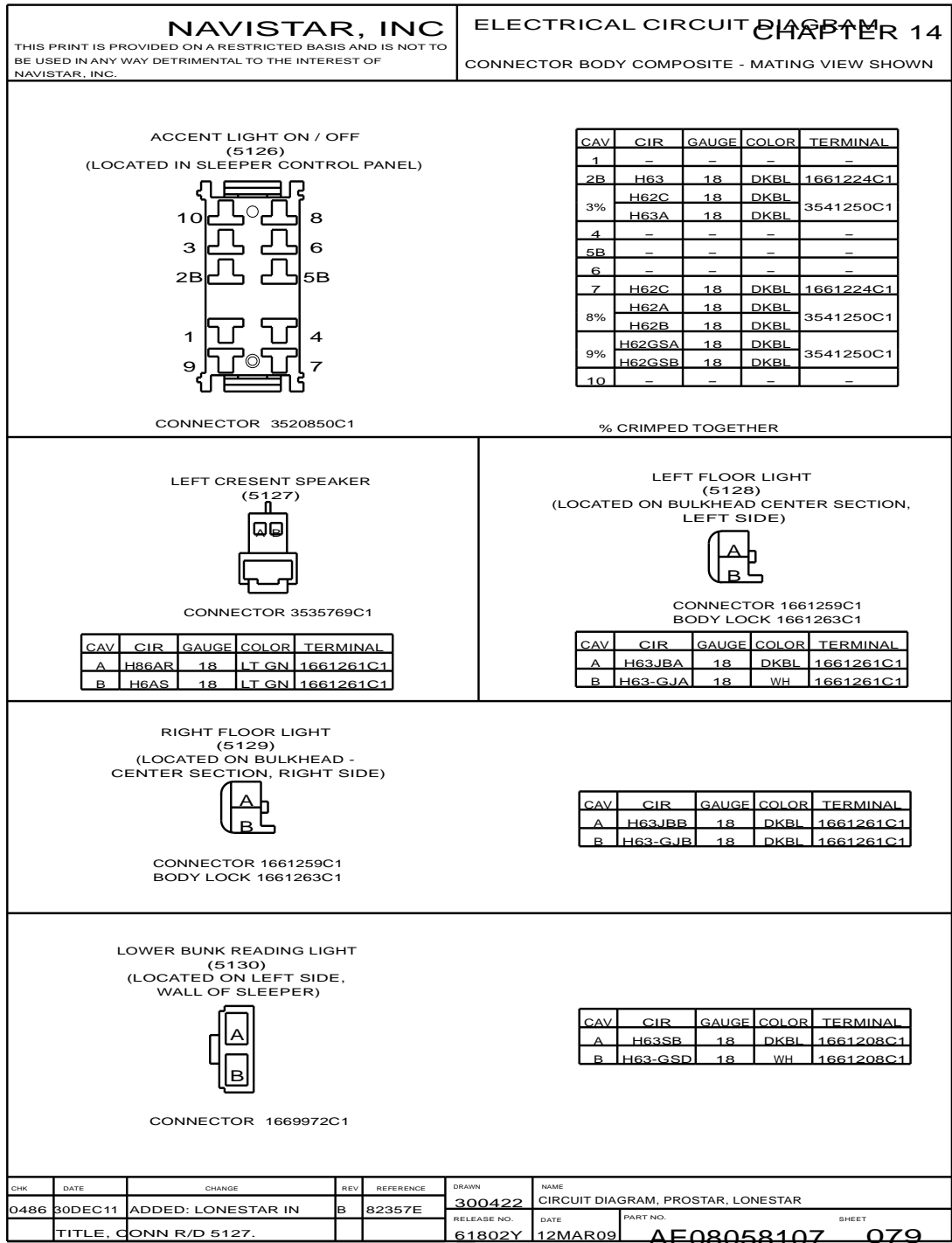


Figure 556 Connector Body Composite (5126), (5127), (5128), (5129), (5130)

14.138. CONNECTOR BODY COMPOSITE (5130), (5131), (5134), P. 79A

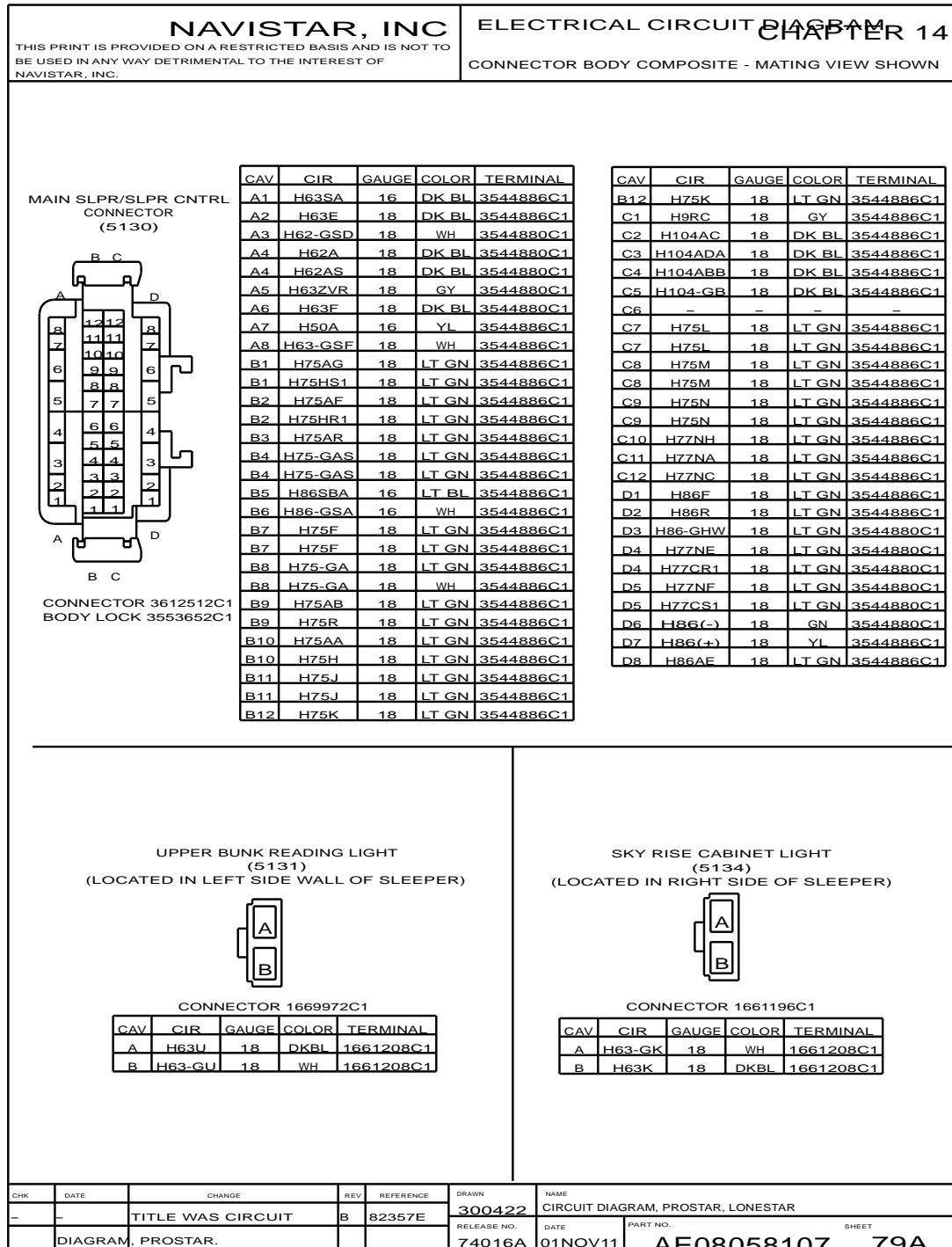


Figure 557 Connector Body Composite (5130), (5131), (5134)

14.139. CONNECTOR BODY COMPOSITE (5134), (5134F), (5135), P. 80

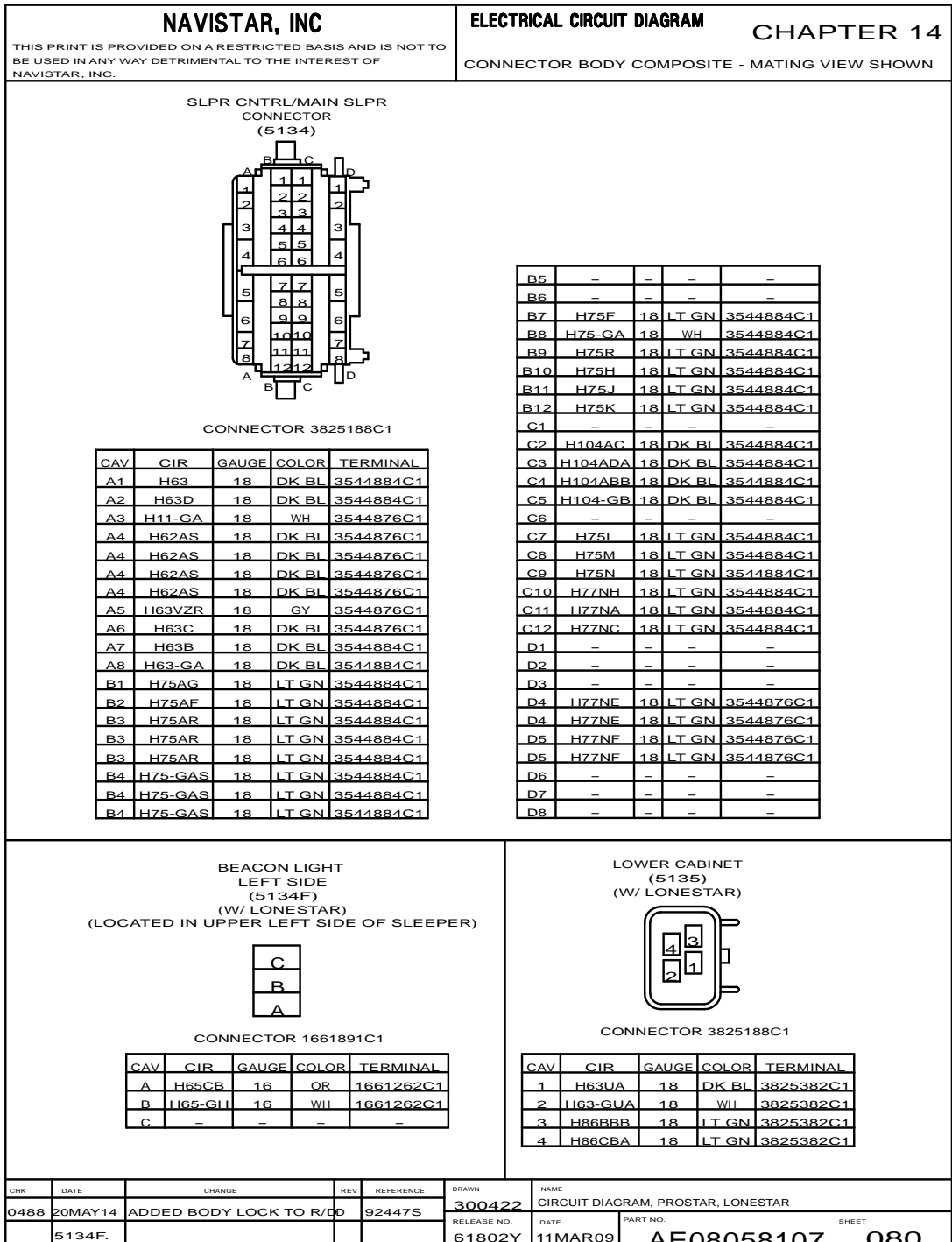


Figure 558 Connector Body Composite (5134), (5134F), (5135)

14.140. CONNECTOR BODY COMPOSITE (5135F), (5136), (5200), (5202), (5205), P. 81

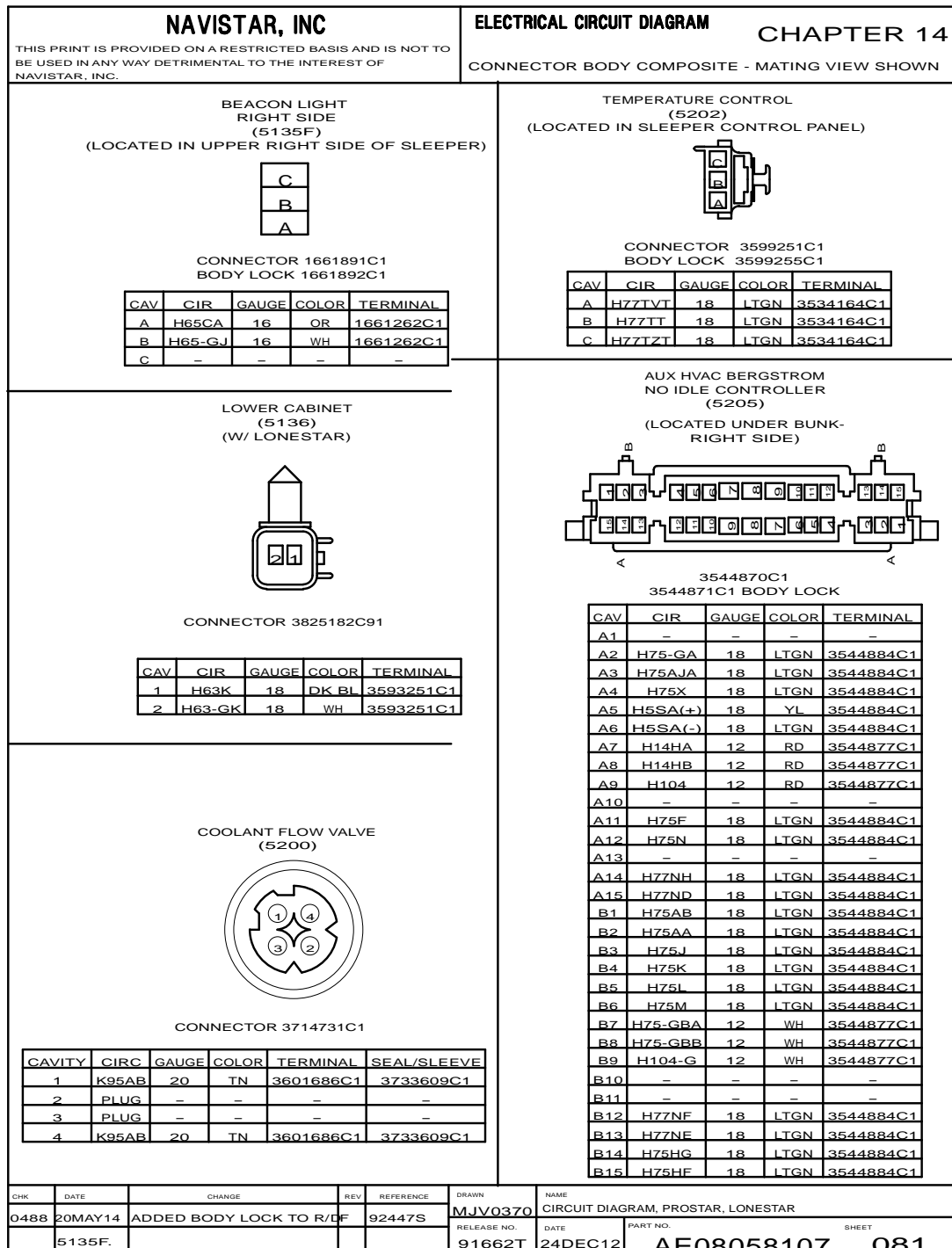


Figure 559 Connector Body Composite (5135F), (5136), (5200), (5202), (5205)

14.141. CONNECTOR BODY COMPOSITE (5210), (5212), (5213), P. 81A

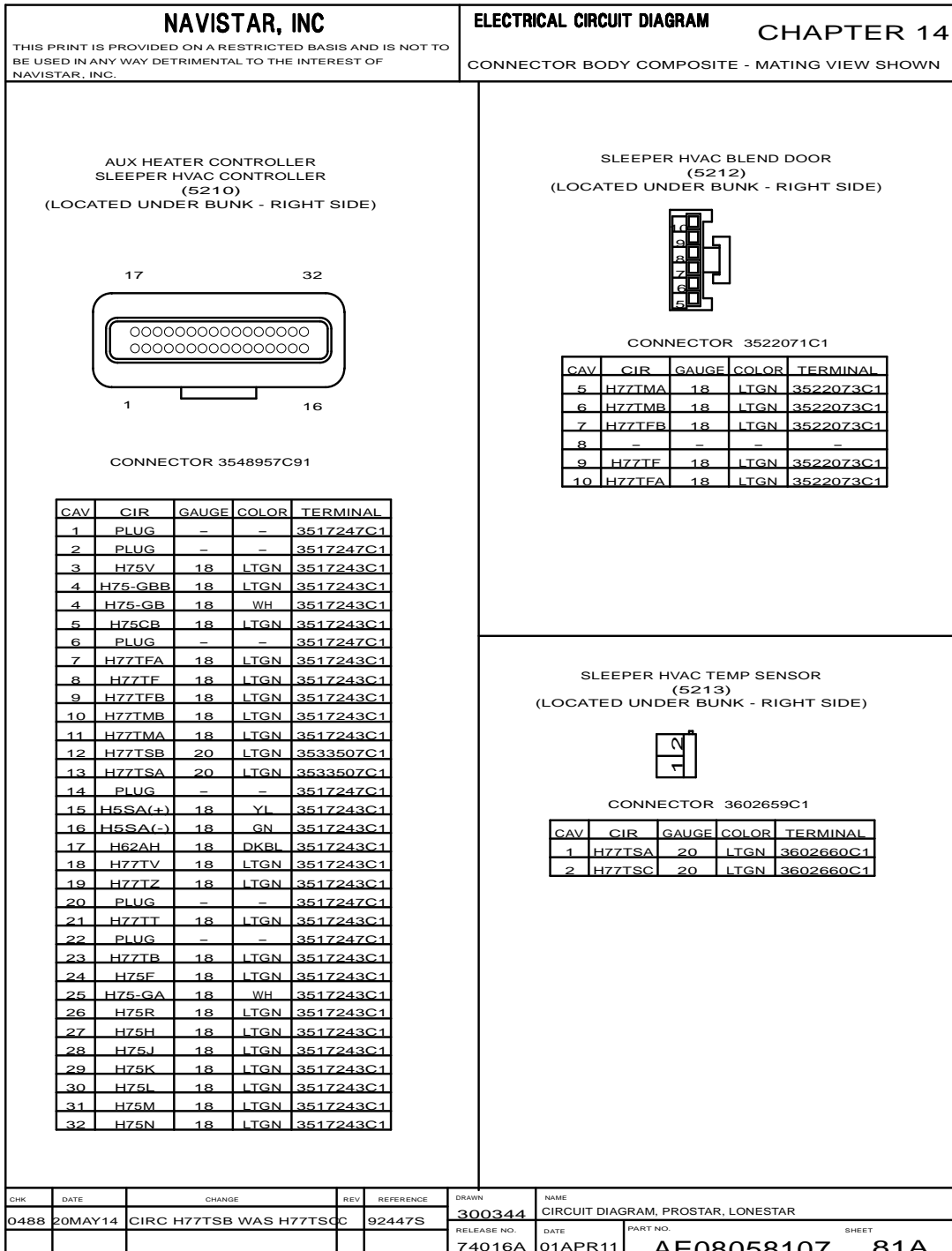


Figure 560 Connector Body Composite (5210), (5212), (5213)

14.142. CONNECTOR BODY COMPOSITE (5214), (5215), (5216), (5217), (5218), (5219), P. 82

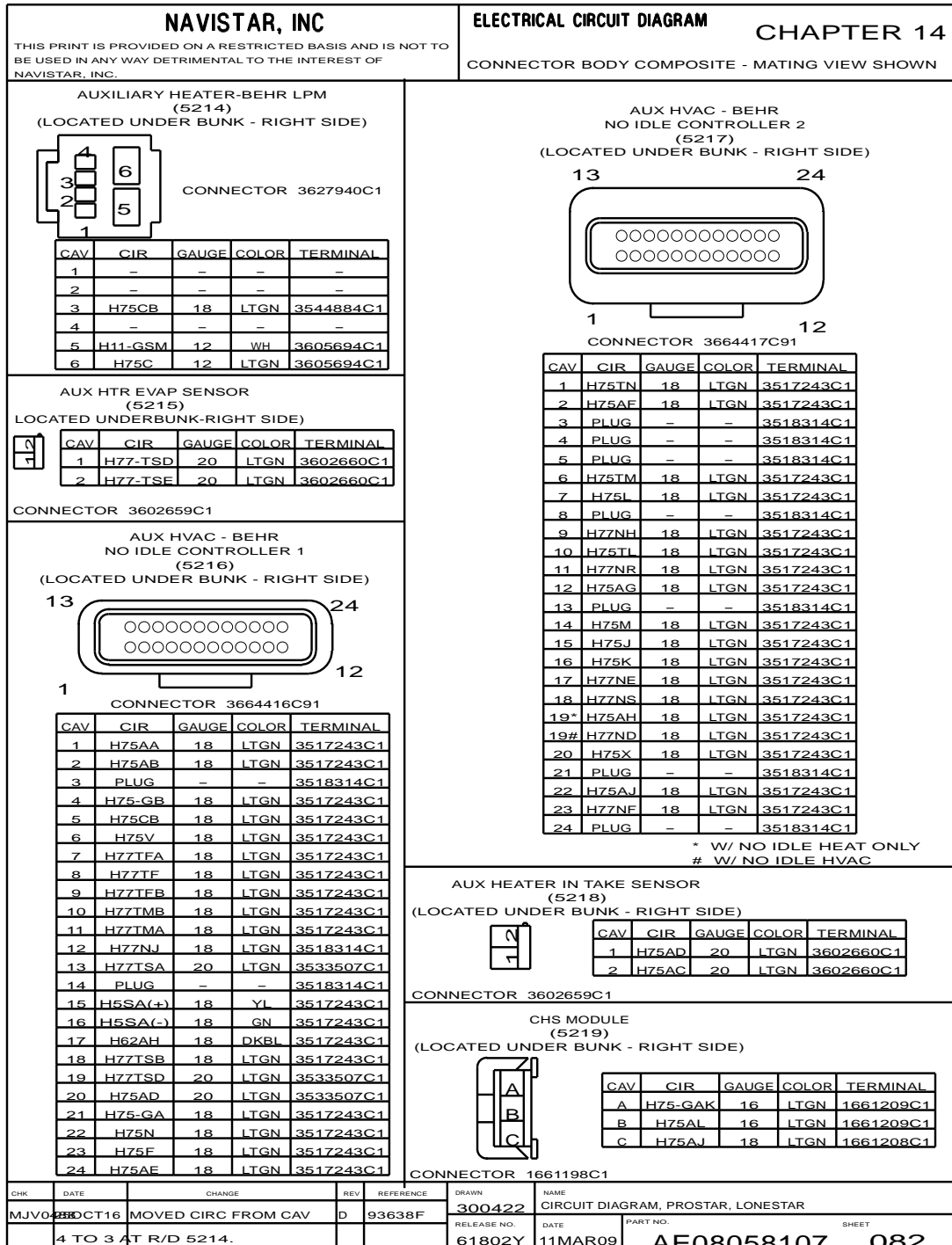


Figure 561 Connector Body Composite (5214), (5215), (5216), (5217), (5218), (5219)

14.143. CONNECTOR BODY COMPOSITE (5220), (5222), (5230), P. 83

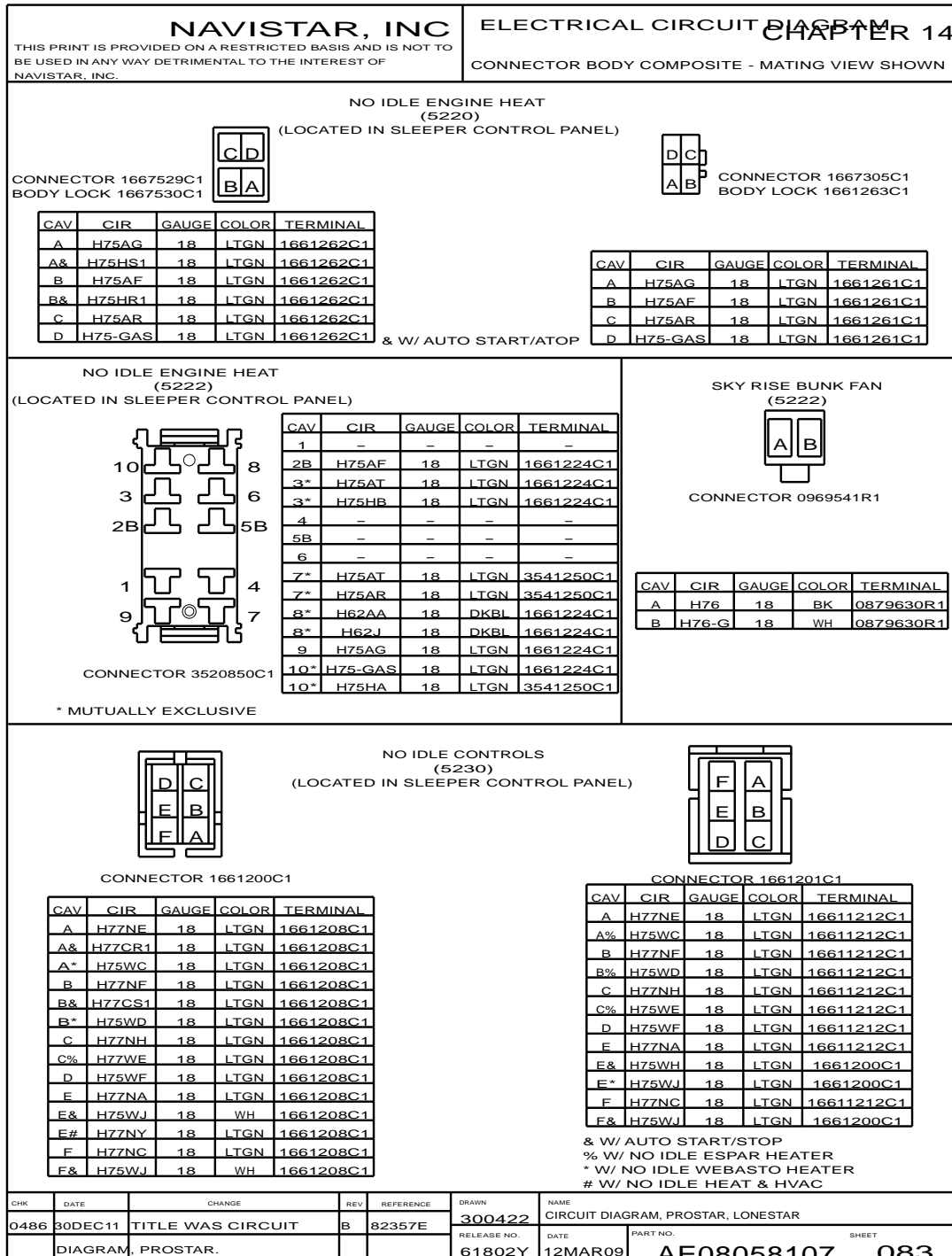


Figure 562 Connector Body Composite (5220), (5222), (5230)



14.144. CONNECTOR BODY COMPOSITE (5232), (5233), (5234), P. 84

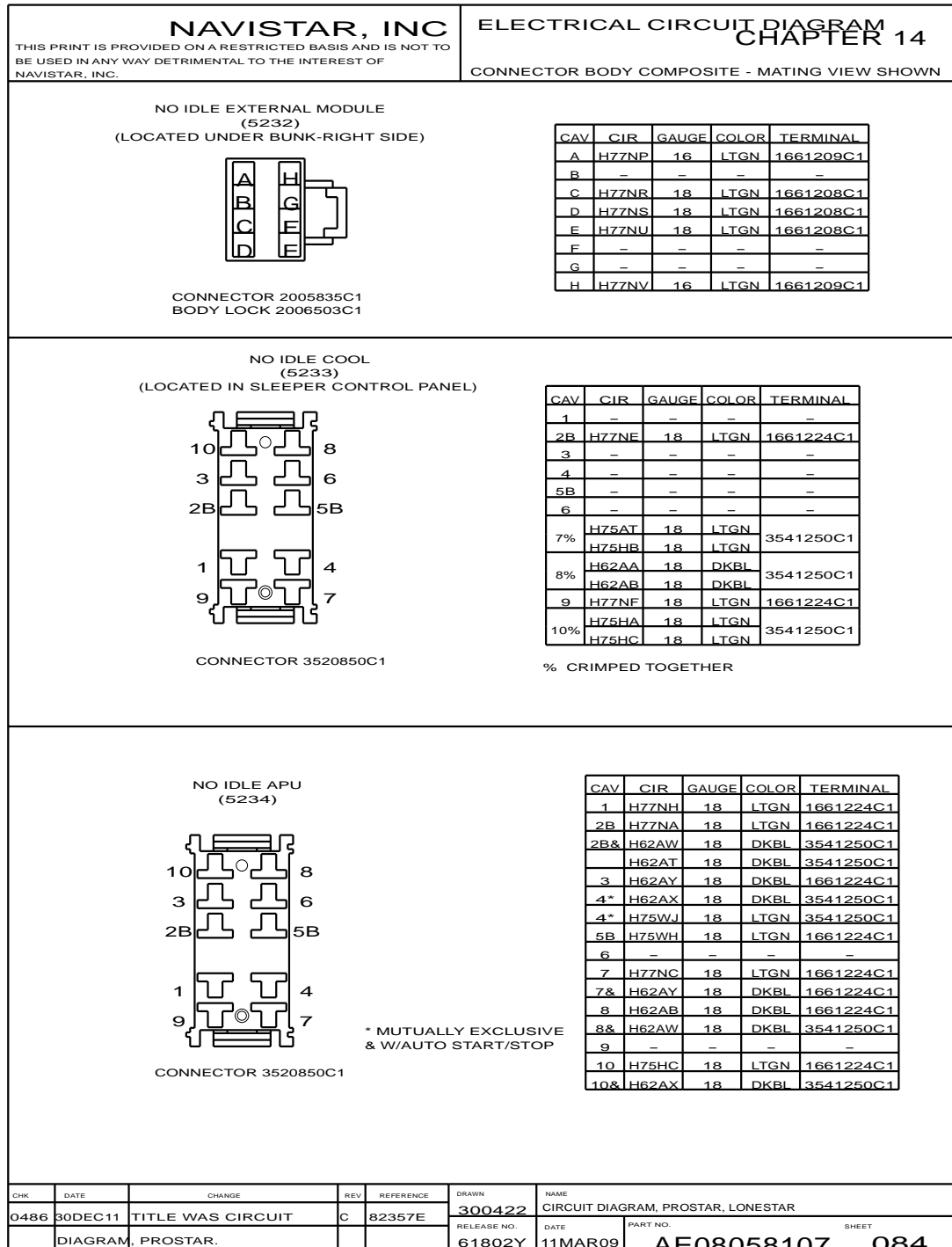


Figure 563 Connector Body Composite (5232), (5233), (5234)

14.145. CONNECTOR BODY COMPOSITE (5235), (5236), (5237), (5238), P. 84A

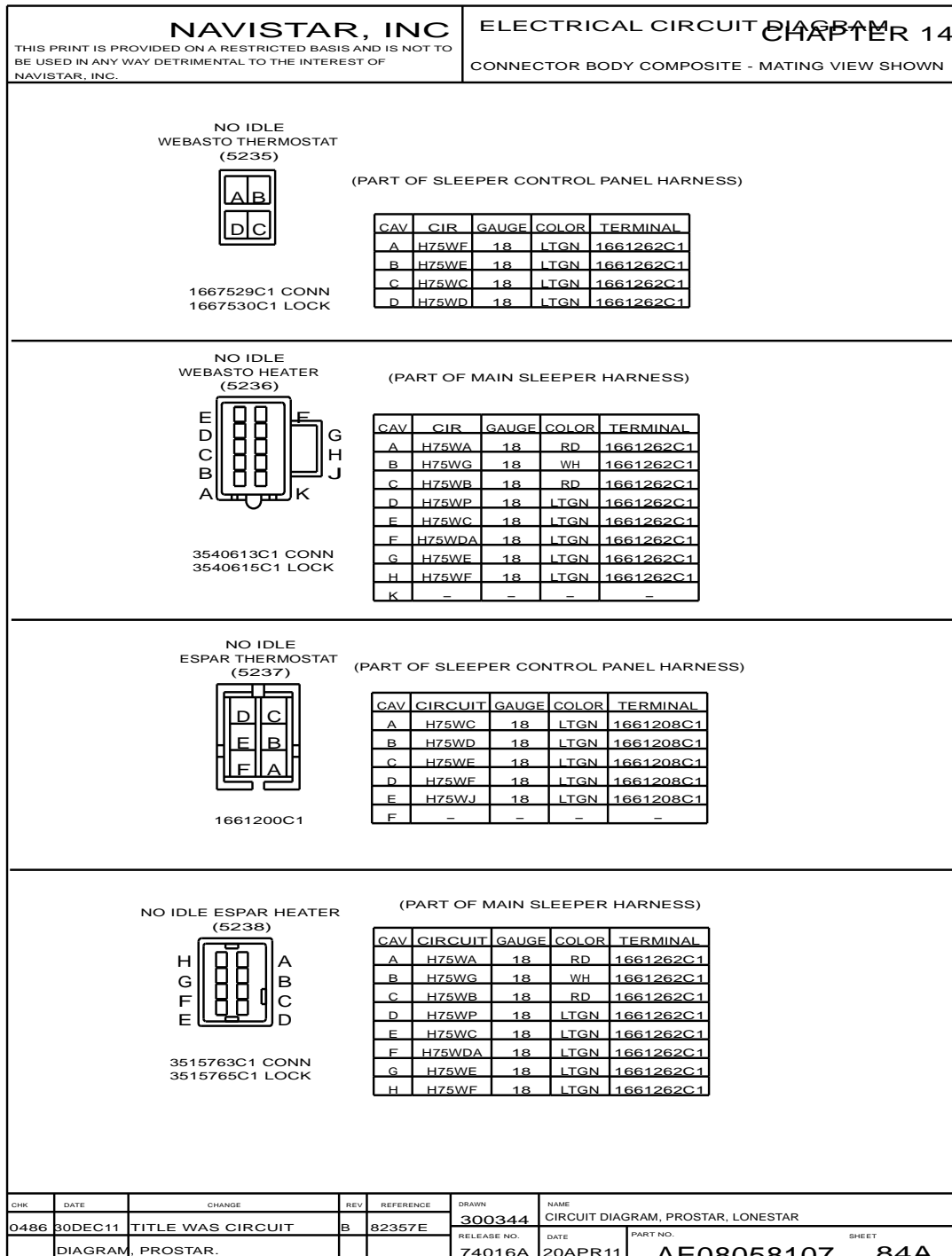


Figure 564 Connector Body Composite (5235), (5236), (5237), (5238)

14.146. CONNECTOR BODY COMPOSITE (5300), (5303), (5312), (5313), P. 85

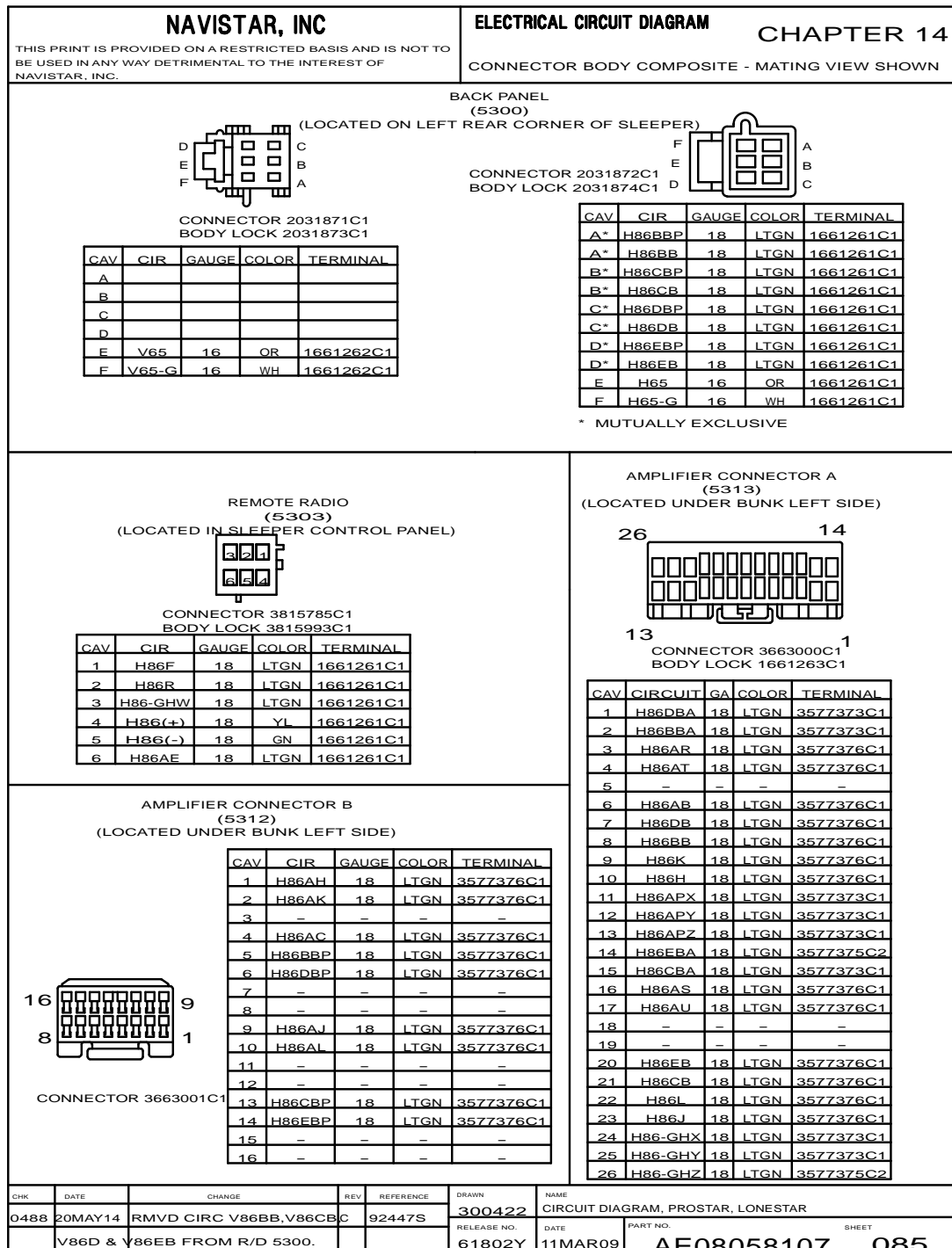


Figure 565 Connector Body Composite (5300), (5303), (5312), (5313)

14.147. CONNECTOR BODY COMPOSITE (5314), (5500), (5501), (5502), (5510), P. 86

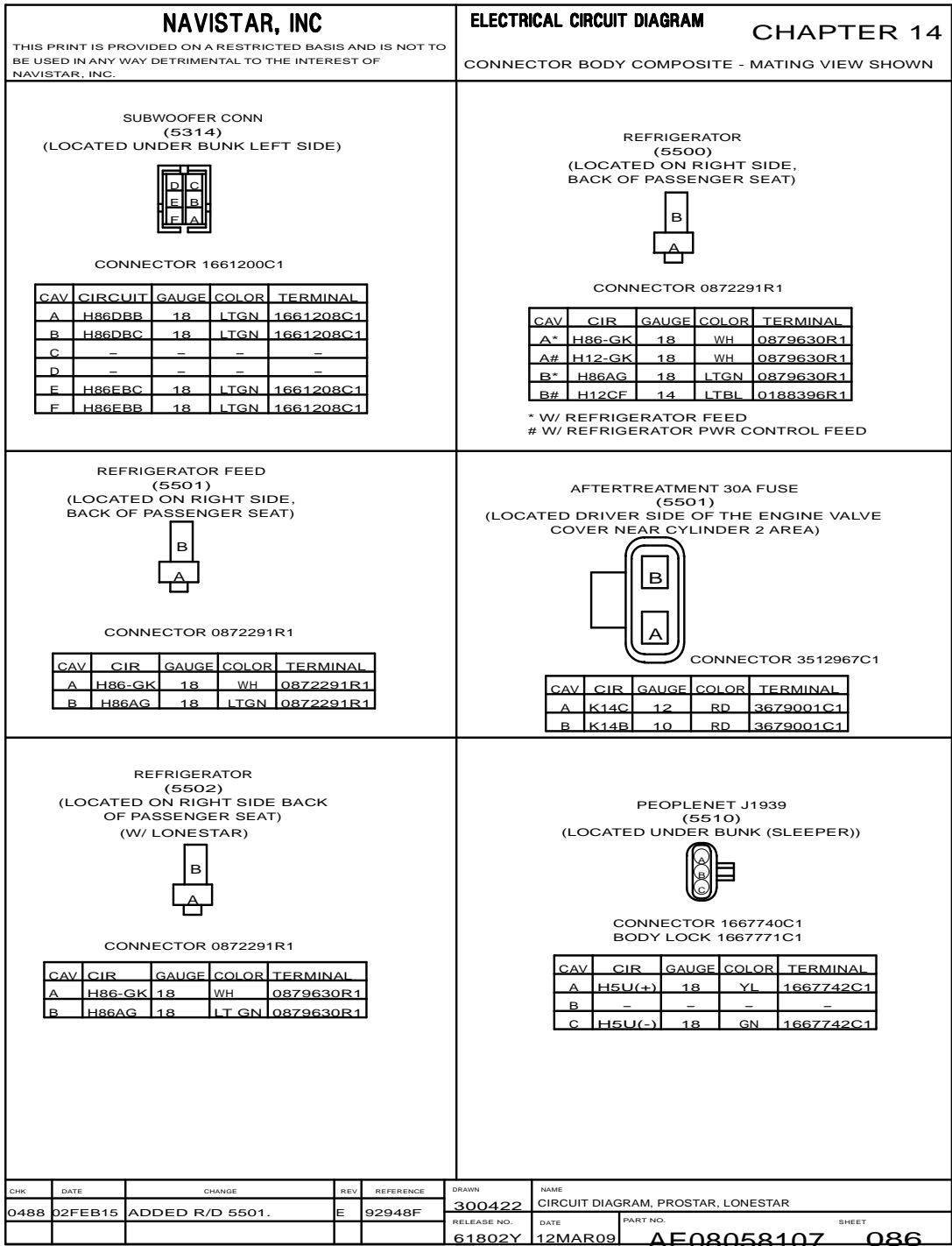


Figure 566 Connector Body Composite (5314), (5500), (5501), (5502), (5510)

14.148. CONNECTOR BODY COMPOSITE (5530), (5600), (5601M), (5602M), (5602F), (5603M), P. 86A

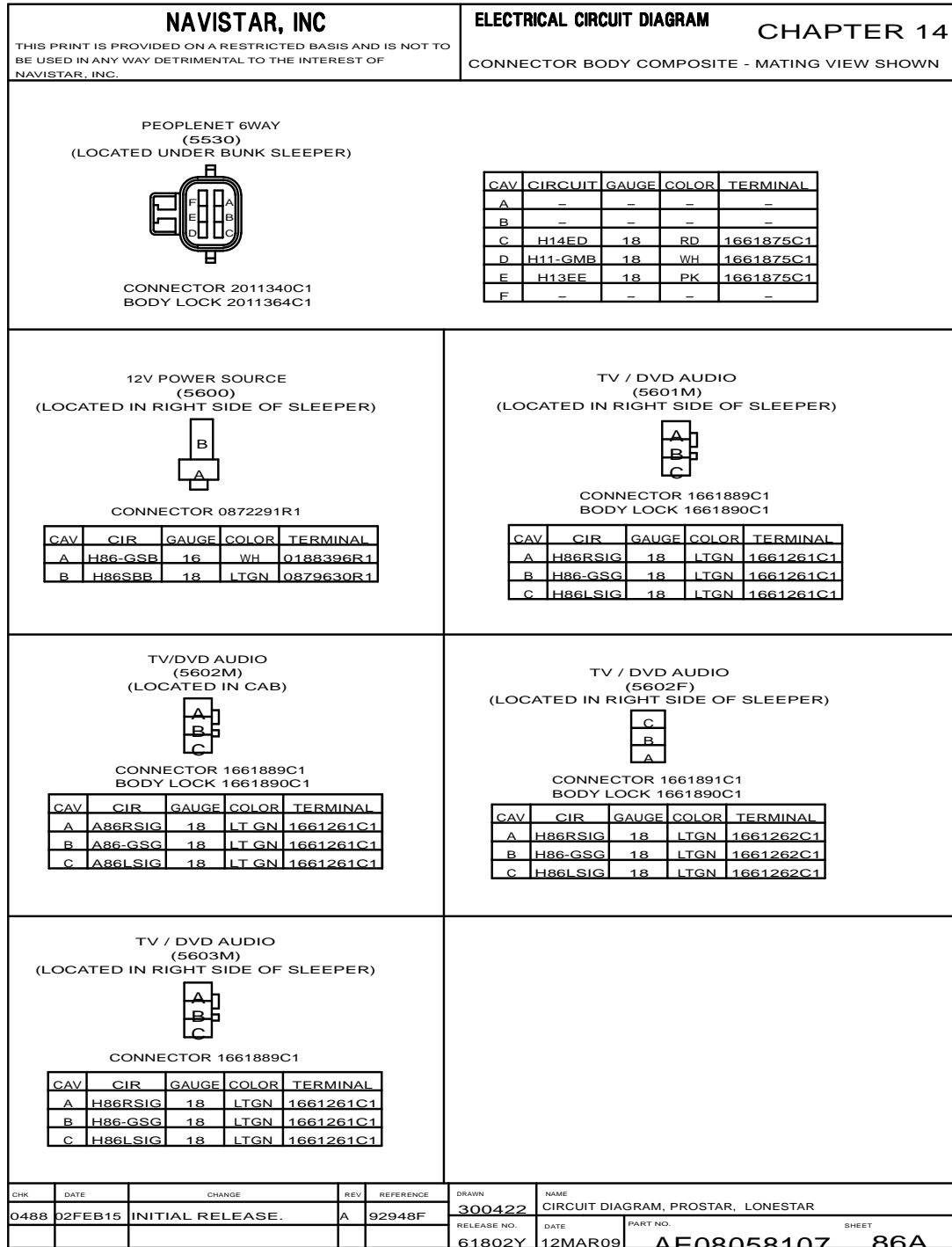


Figure 567 Connector Body Composite (5530), (5600), (5601M), (5602M), (5602F), (5603M)

14.149. CONNECTOR BODY COMPOSITE (5700), (5701), (5702), (5754), P. 87

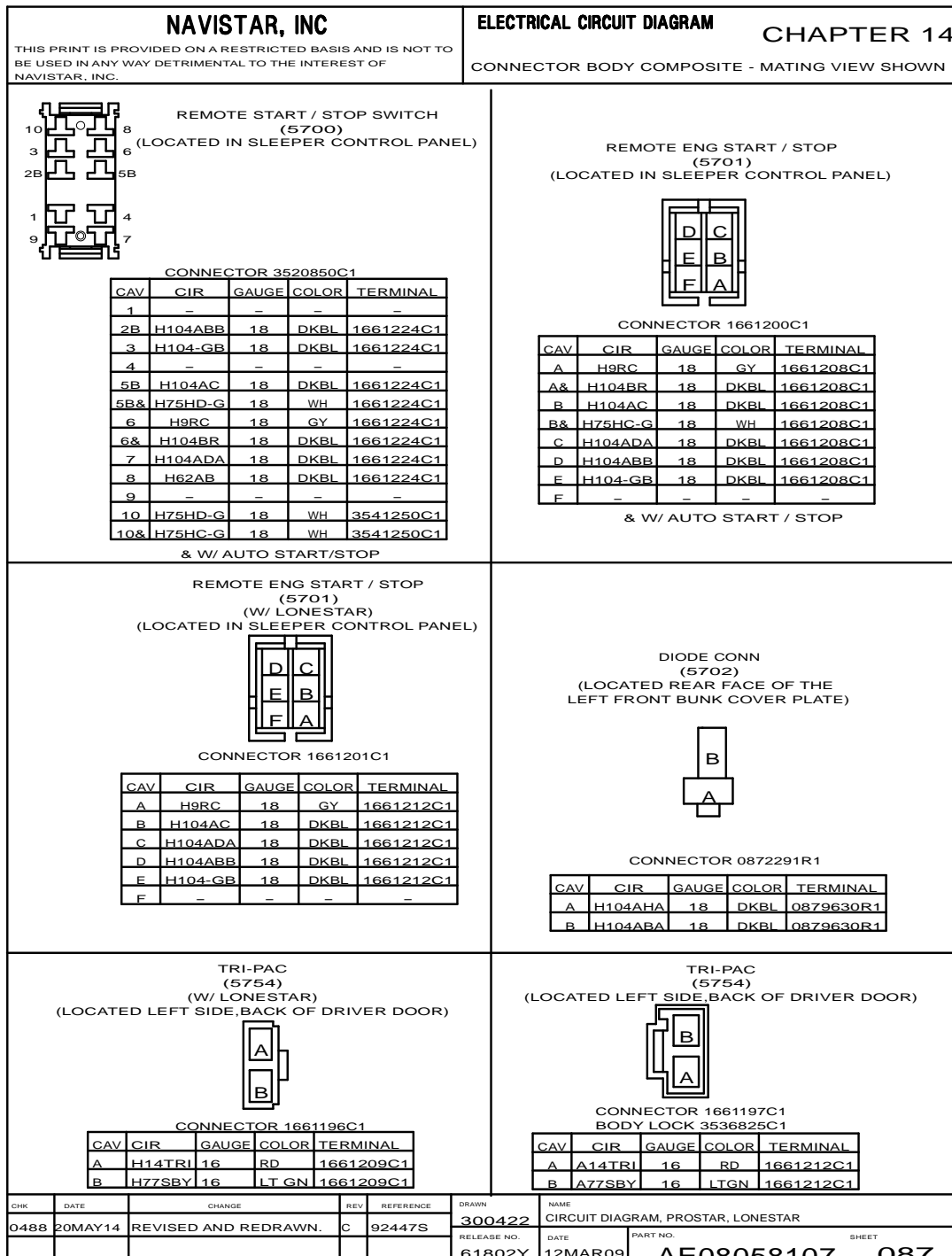


Figure 568 Connector Body Composite (5700), (5701), (5702), (5754)

14.150. CONNECTOR BODY COMPOSITE (5757), (5758), (5758F), (5759F), (5760), (5761), (5803), P. 88

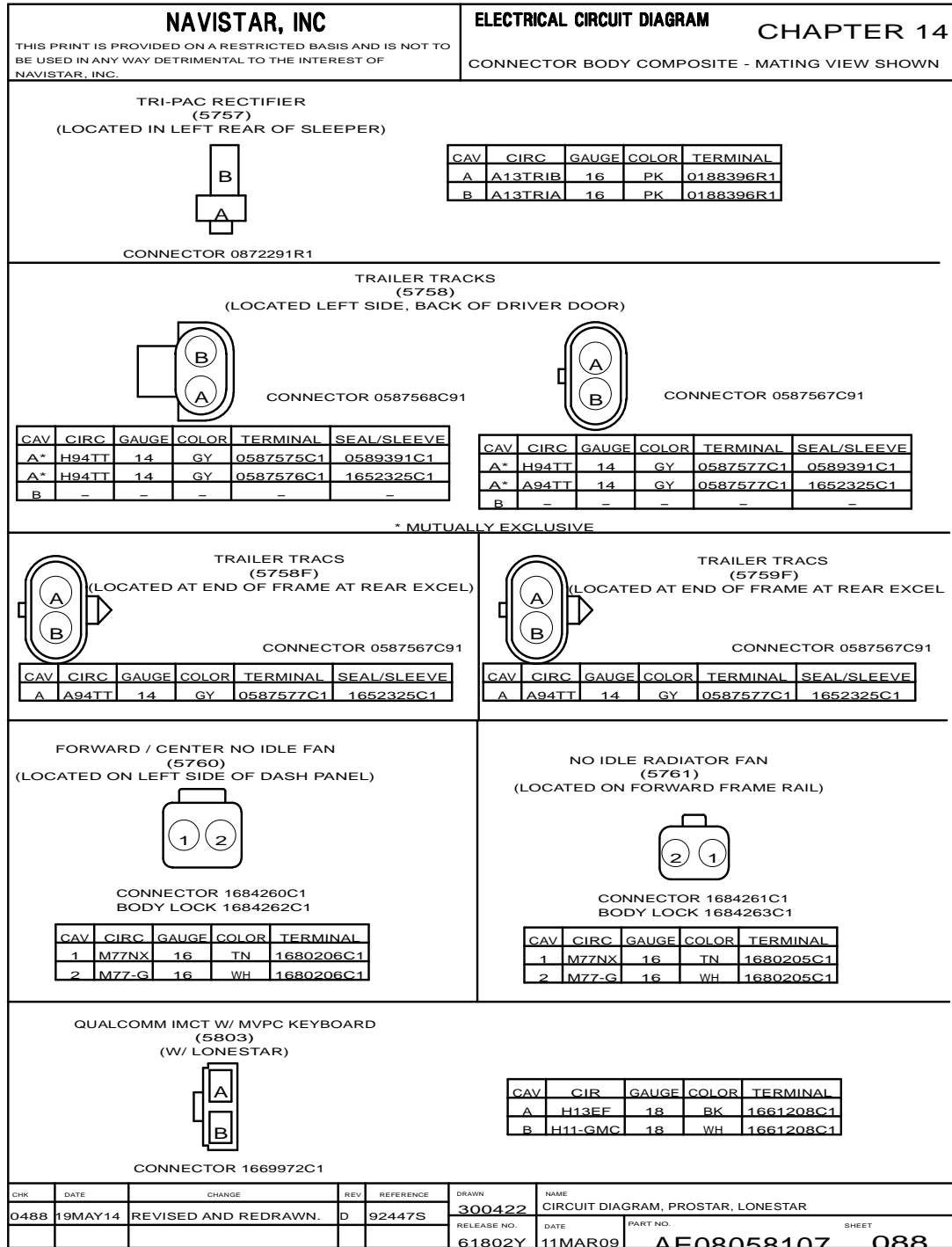


Figure 569 Connector Body Composite (5757), (5758), (5758F), (5759F), (5760), (5761), (5803)

14.151. CONNECTOR BODY COMPOSITE (5803), (5822), (5899), (5899A), (5899B), (5900), (5901), P. 88A

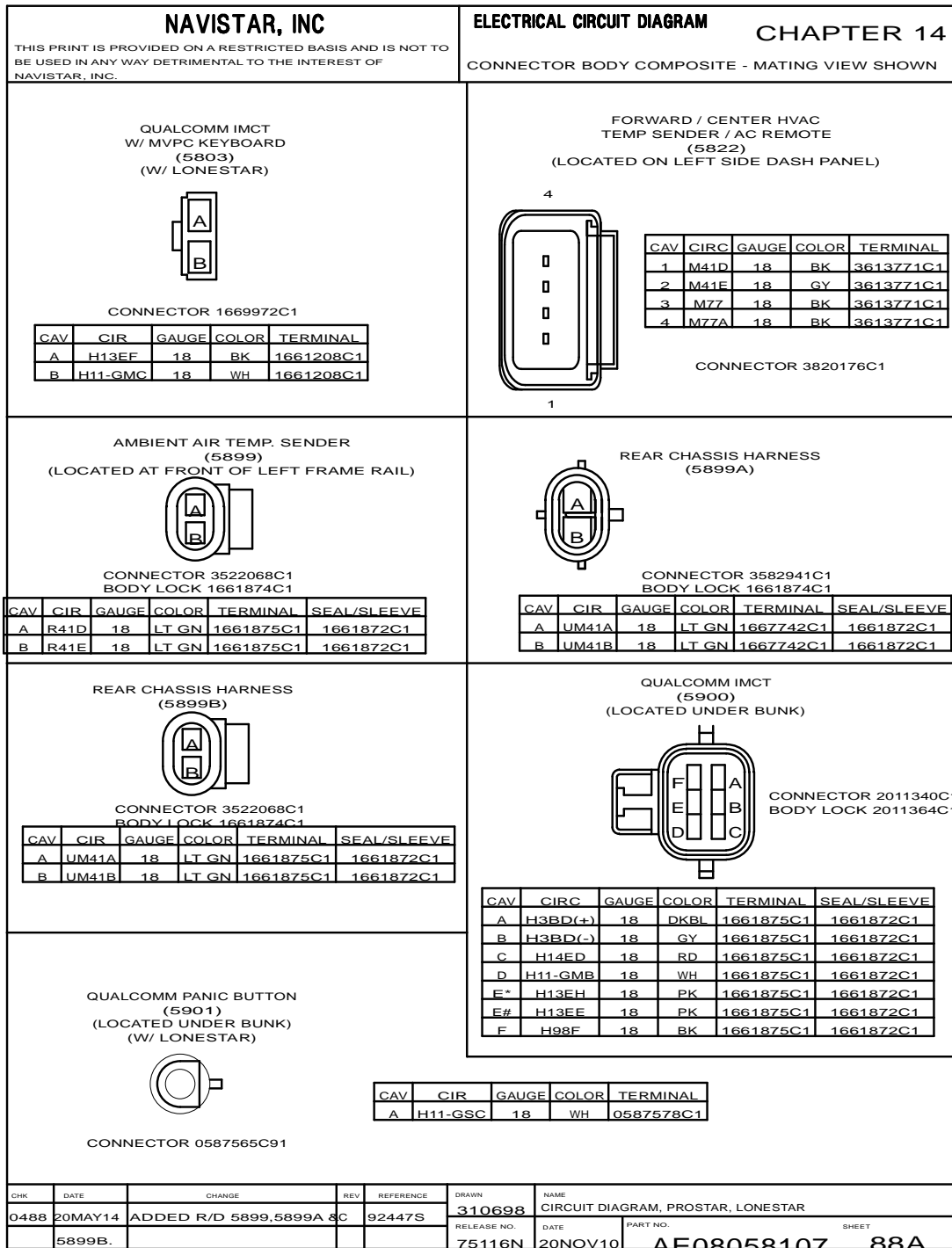


Figure 570 Connector Body Composite (5803), (5822), (5899), (5899A), (5899B), (5900), (5901)



14.152. CONNECTOR BODY COMPOSITE (5902), (5903), P. 88B

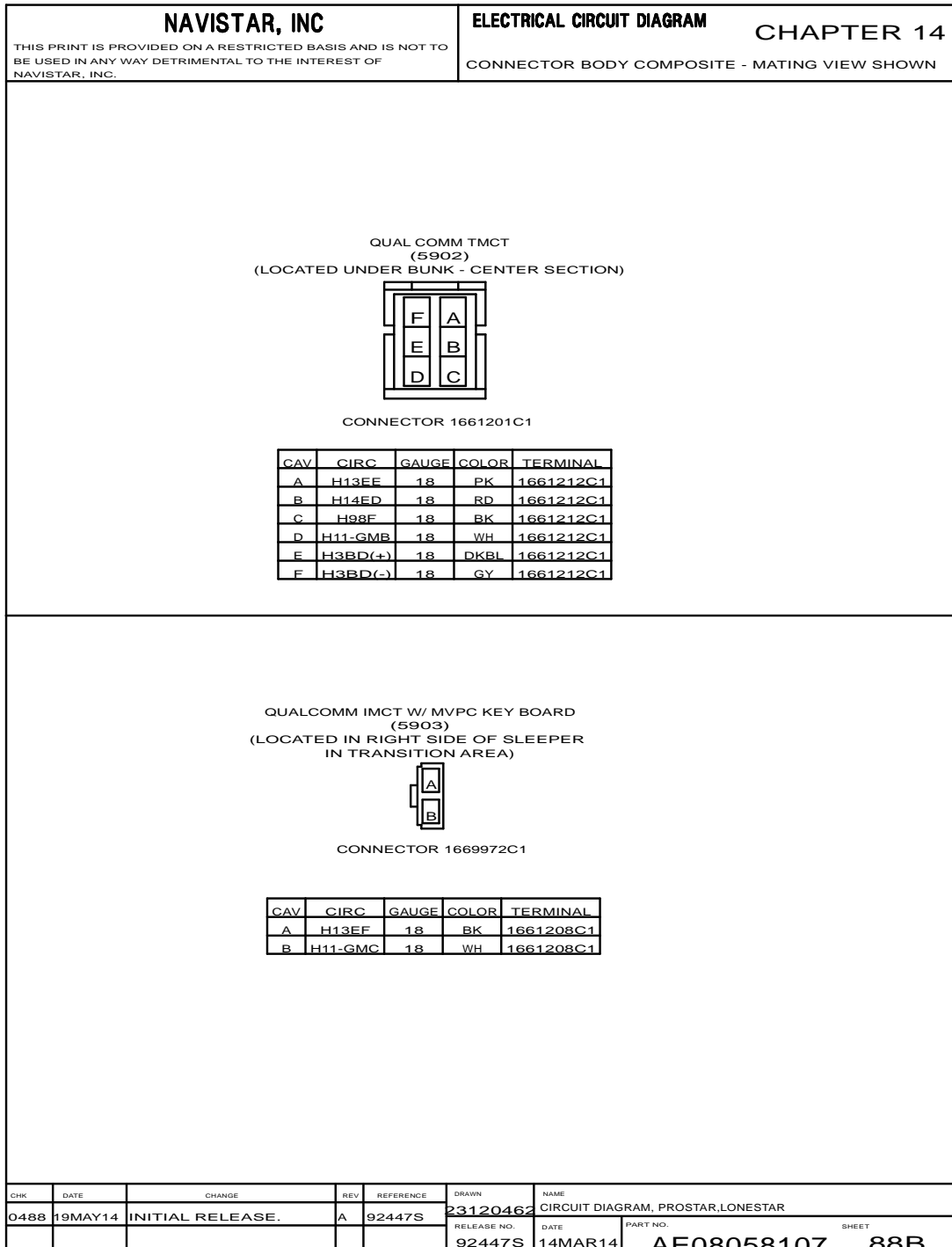


Figure 571 Connector Body Composite (5902), (5903)

14.153. CONNECTOR BODY COMPOSITE (5904), (5904M), (5905), (5905F), P. 89

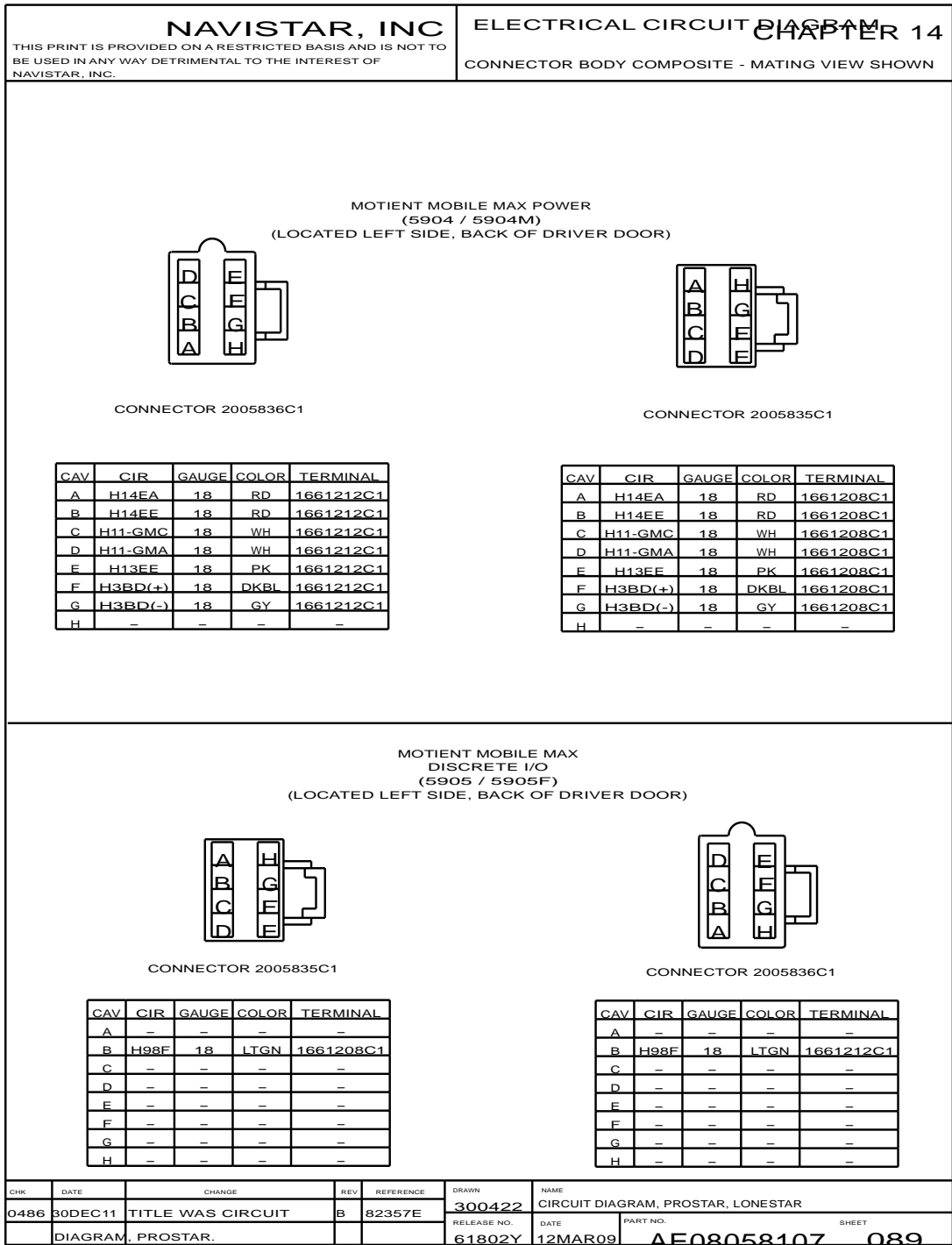


Figure 572 Connector Body Composite (5904), (5904M), (5905), (5905F)

14.154. CONNECTOR BODY COMPOSITE (5906), (5907), P. 90

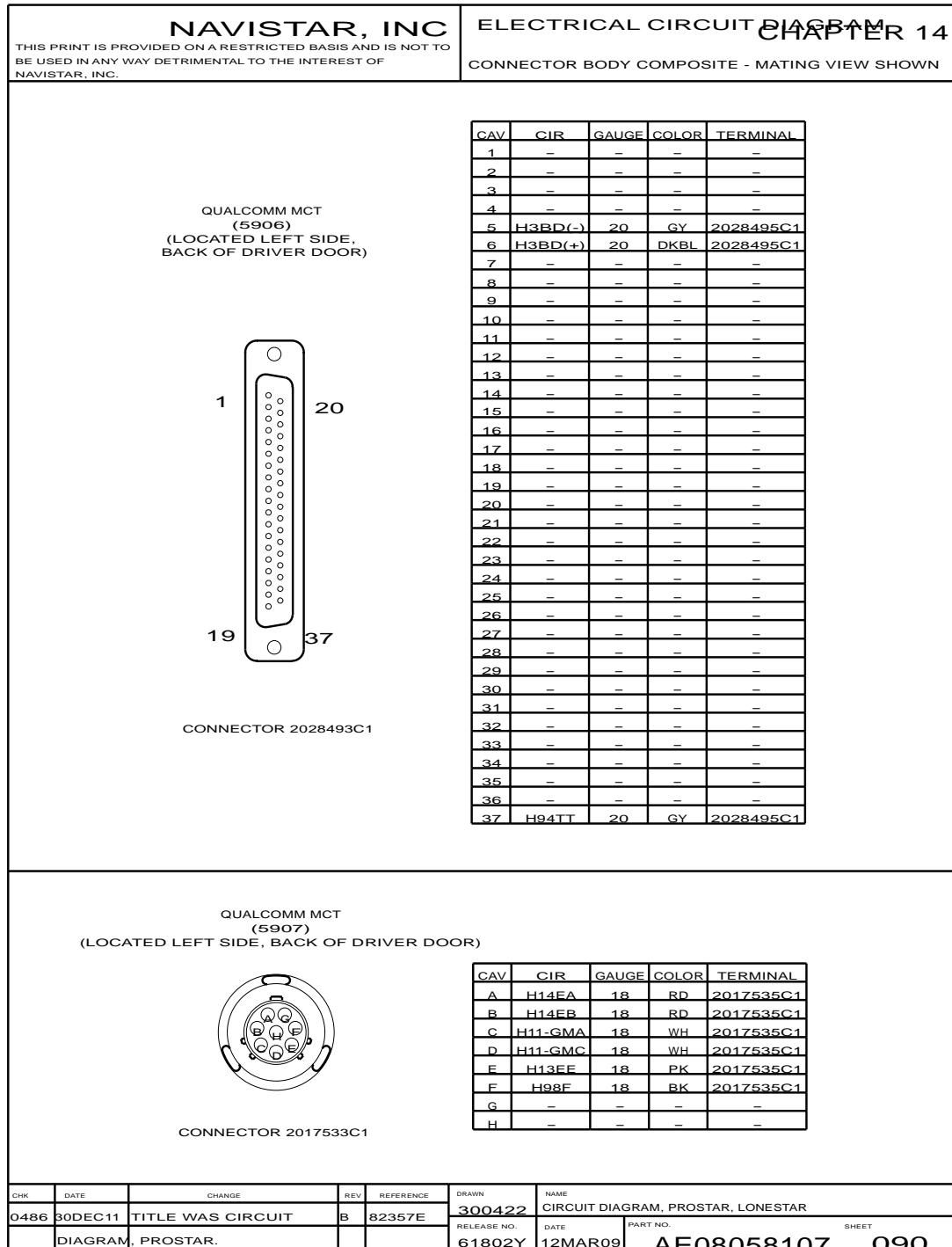


Figure 573 Connector Body Composite (5906), (5907)

14.155. CONNECTOR BODY COMPOSITE (5909), (5925), (5926), (5927), (5930M), (5940), P. 91

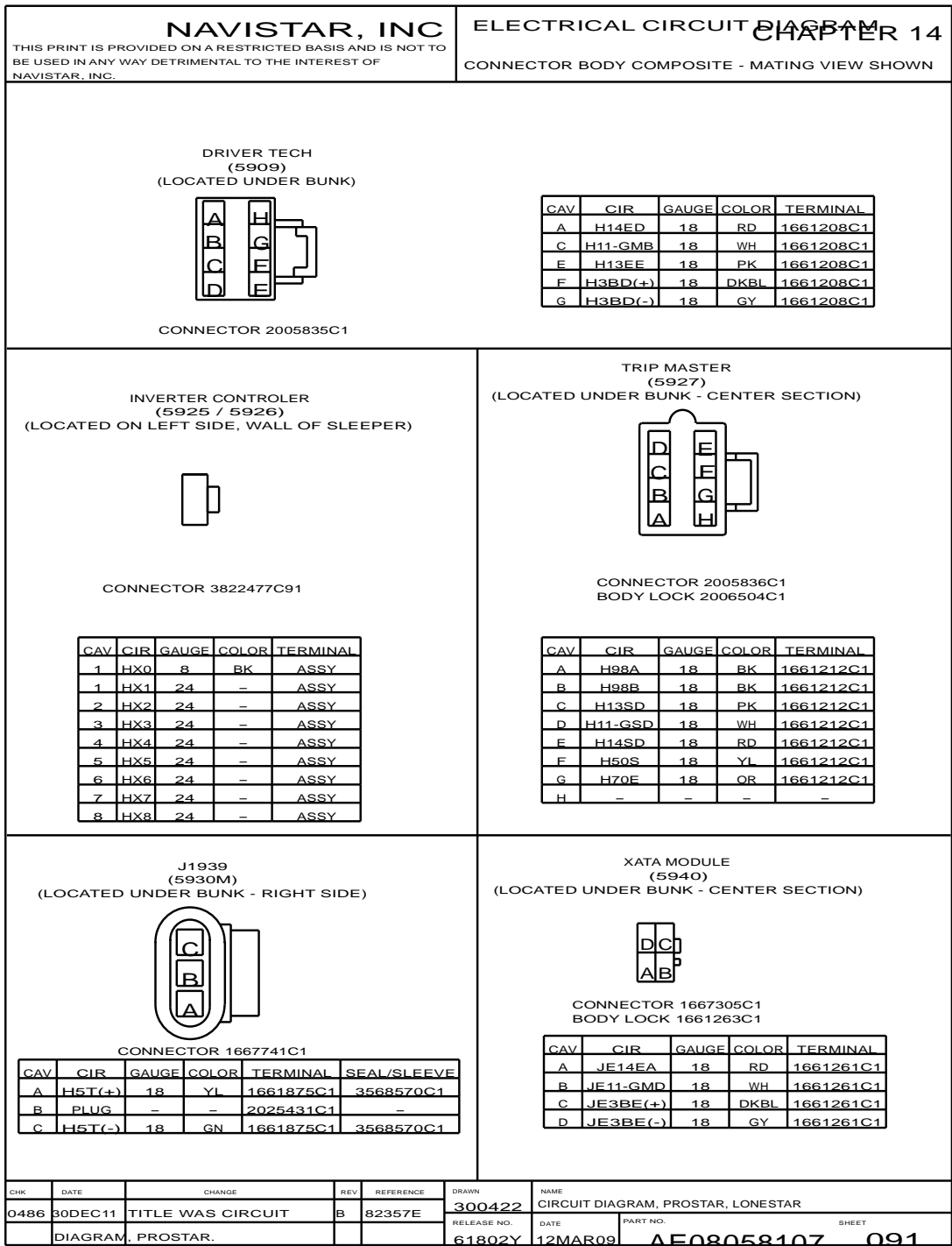


Figure 574 Connector Body Composite (5909), (5925), (5926), (5927), (5930M), (5940)

14.156. CONNECTOR BODY COMPOSITE (6000), P. 91A

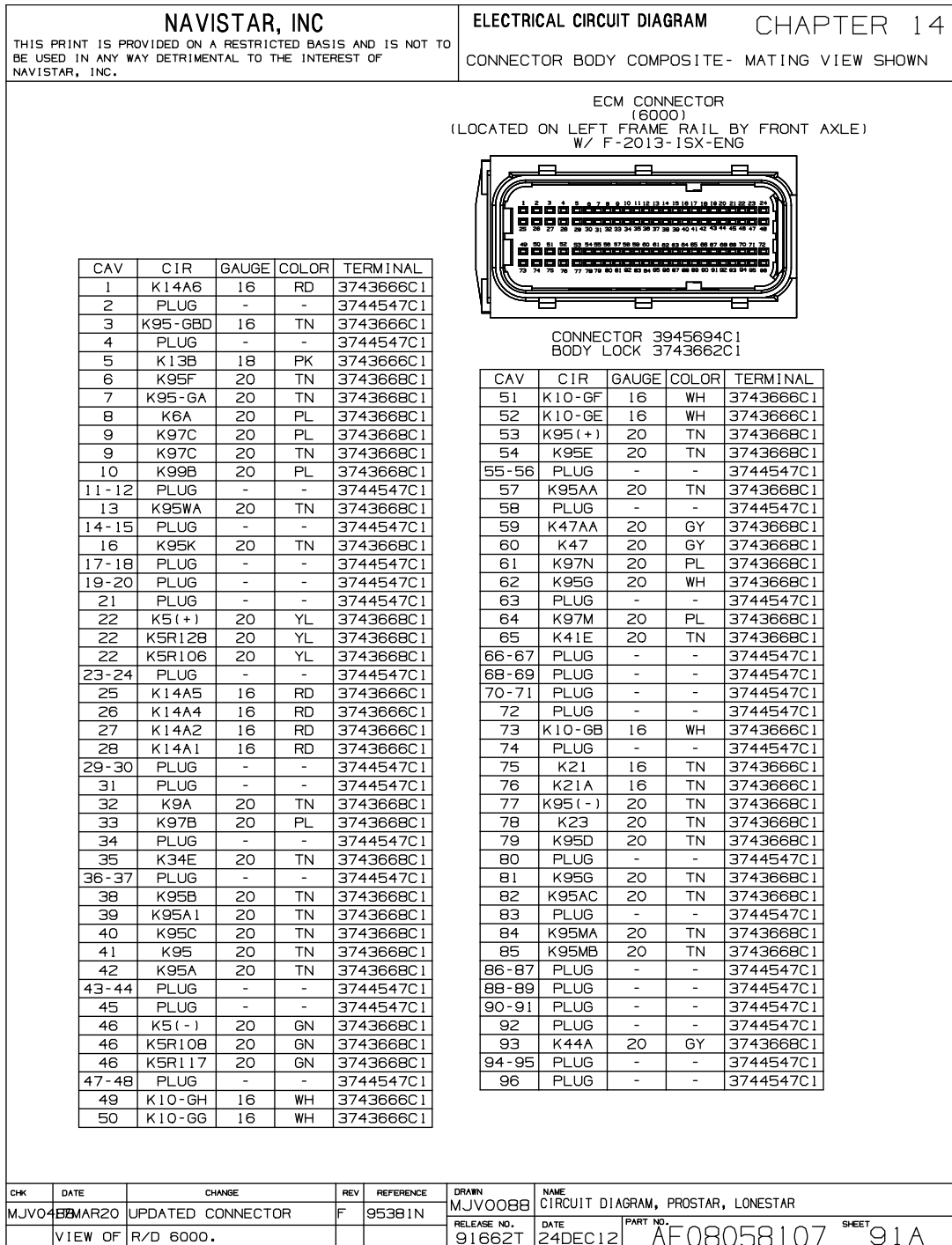


Figure 575 Connector Body Composite (6000)

14.157. CONNECTOR BODY COMPOSITE (6000), P. 91B

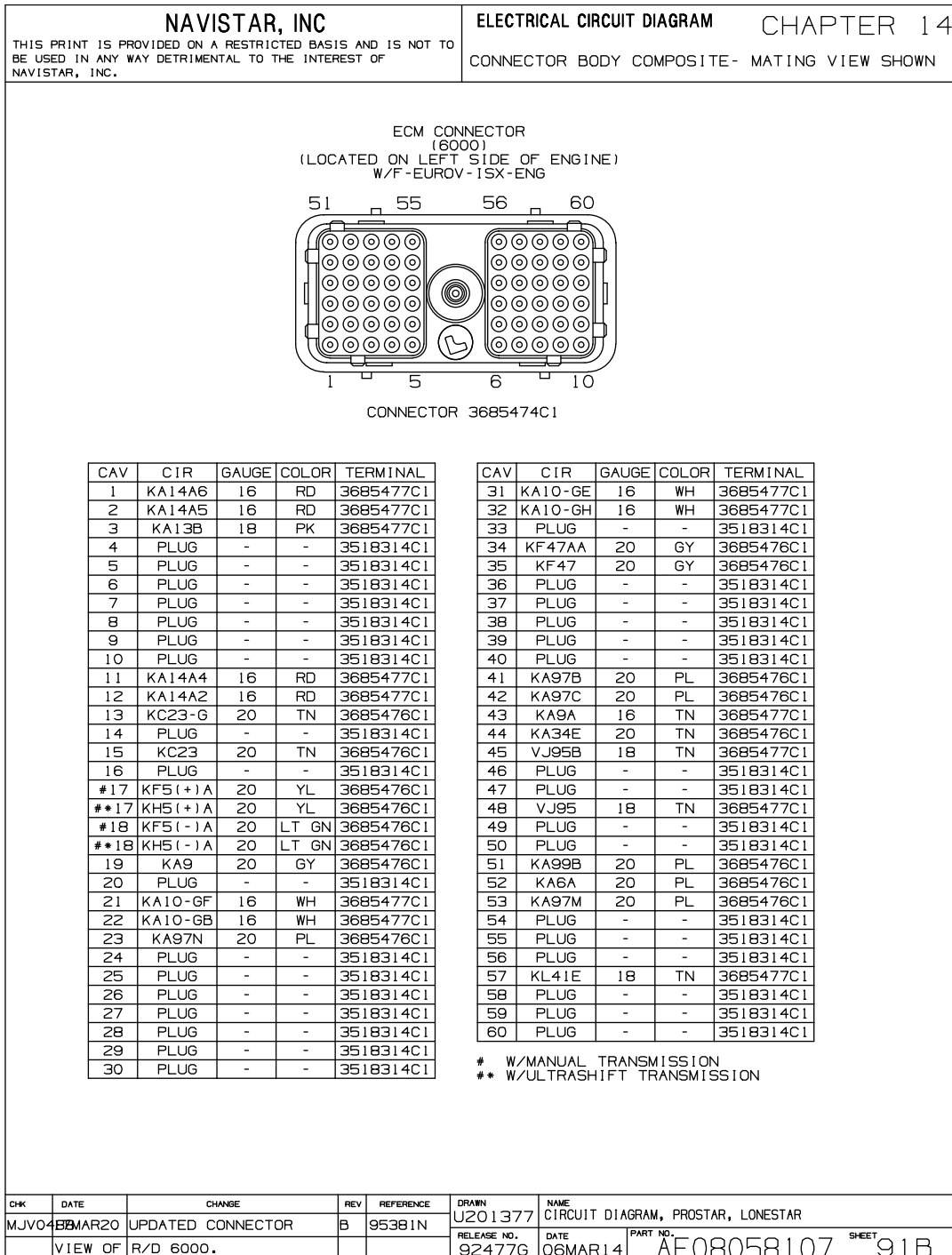


Figure 576 Connector Body Composite (6000)

14.158. CONNECTOR BODY COMPOSITE (6018), P. 92

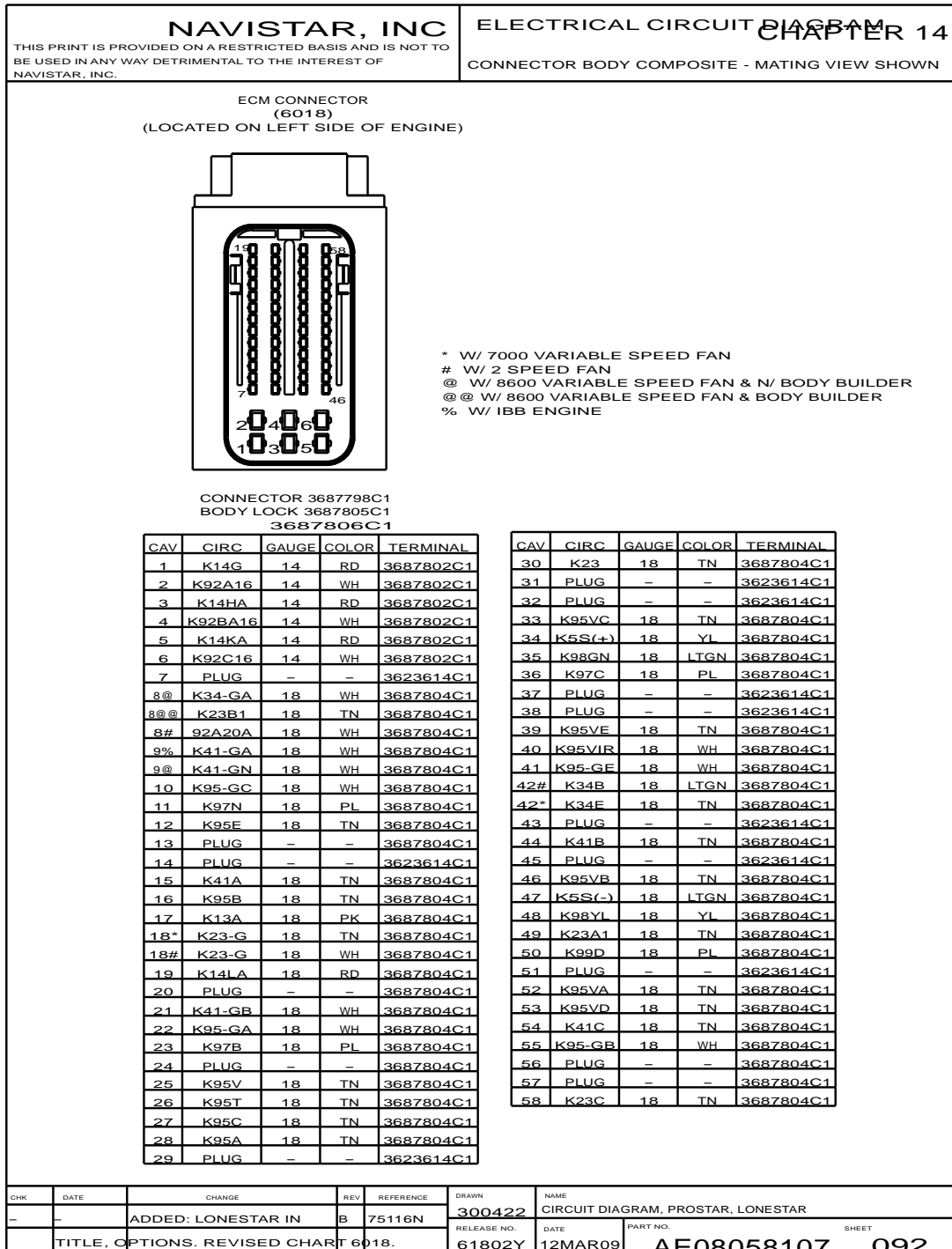


Figure 577 Connector Body Composite (6018)

14.159. CONNECTOR BODY COMPOSITE (6018), P. 92A

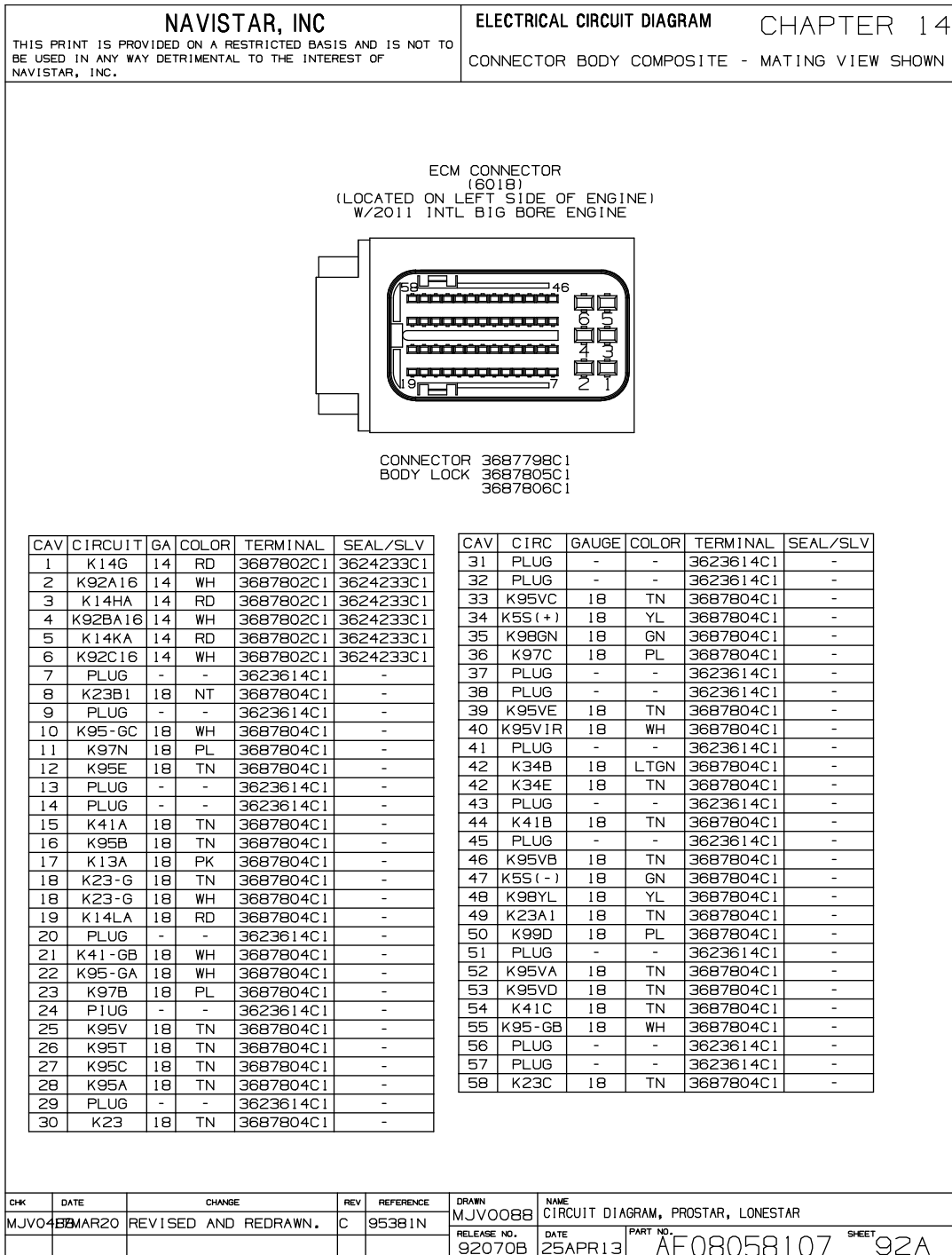


Figure 578 Connector Body Composite (6018)



14.160. CONNECTOR BODY COMPOSITE (6019), P. 93

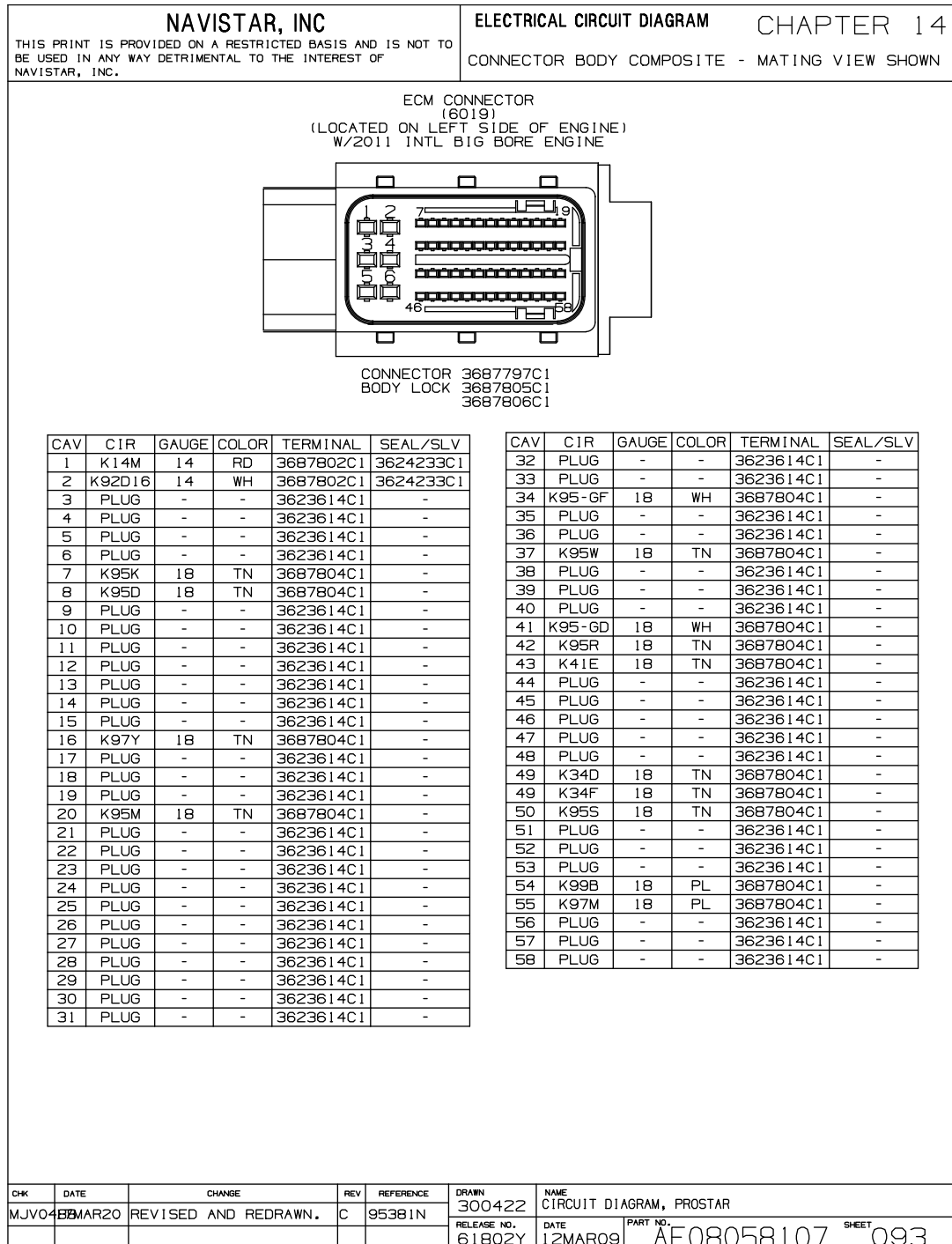


Figure 579 Connector Body Composite (6019)

14.161. CONNECTOR BODY COMPOSITE (6019), P. 93A

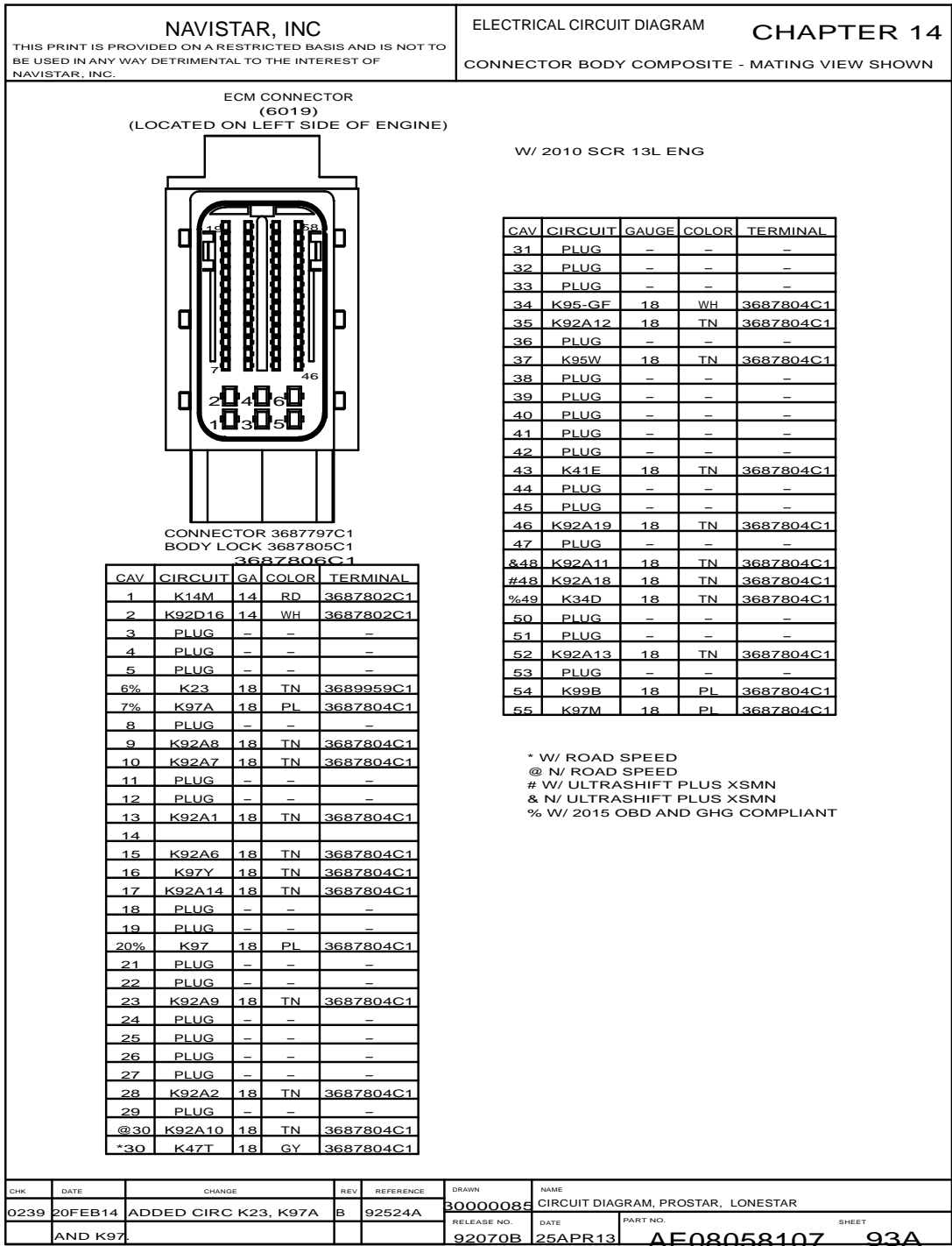


Figure 580 Connector Body Composite (6019)

14.162. CONNECTOR BODY COMPOSITE (6033), P. 94

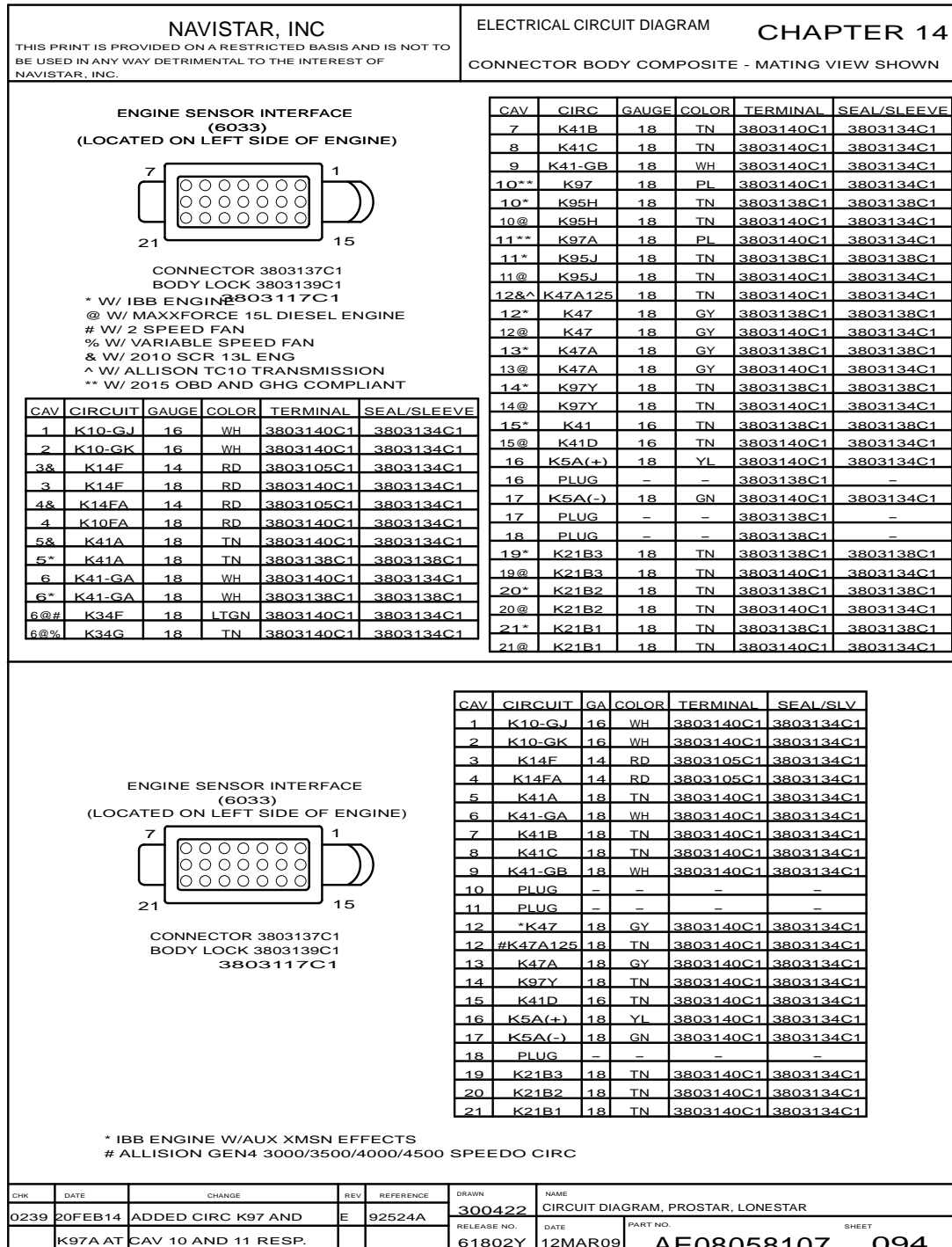


Figure 581 Connector Body Composite (6033)

14.163. CONNECTOR BODY COMPOSITE (6200), (6201), (6201A), (6201P), P. 94A

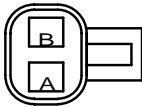
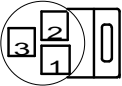
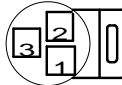
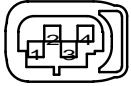
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<p>FREON COMPRESSOR (6200) (LOCATED ON AC COMPRESSOR FRONT RIGHT OF ENGINE)</p>  <p>CONNECTOR 1671610C1 BODY LOCK 1671608C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K77-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K77</td> <td>16</td> <td>LTGN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table>								CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K77-G	16	WH	2033819C1	1652325C1	B	K77	16	LTGN	2033819C1	1652325C1																																										
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<p>AC PRESSURE TRANSDUCER (6201) (LOCATED ON AC COMPRESSOR DISCHARGE HOSE FORWARD OF ENGINE) W/ 3 POLE AC PRESSURE TRANSDUCER</p>  <p>CONNECTOR 3662921C1 BODY LOCK 3662879C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1*</td> <td>K9AA</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>1#</td> <td>K9AAA</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>2</td> <td>K6DB</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>3</td> <td>K77B</td> <td>18</td> <td>LTGN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table> <p>* N/ OIL TEMPERATURE OR AIR RESTRICTION GAUGE # W/ OIL TEMPERATURE OR AIR RESTRICTION GAUGE</p>				CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1*	K9AA	18	GY	3554322C1	3554318C1	1#	K9AAA	18	GY	3554322C1	3554318C1	2	K6DB	18	GY	3554322C1	3554318C1	3	K77B	18	LTGN	3554322C1	3554318C1	<p>A/C PRESS TRANSDUCER (6201A) A/C PRESS TRANSDUCER L/S (6201B) W/ 3 POLE AC PRESSURE TRANSDUCER (LOCATED ON AC COMPRESSOR DISCHARGE HOSE ENGINE COMPARTMENT)</p>  <p>CONNECTOR 3662921C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1*</td> <td>K9AA</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>1#</td> <td>K9AAA</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>2</td> <td>K6DB</td> <td>18</td> <td>GY</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>3</td> <td>K77B</td> <td>18</td> <td>LTGN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table> <p>* N/ OIL TEMPERATURE OR AIR RESTRICTION GAUGE # W/ OIL TEMPERATURE OR AIR RESTRICTION GAUGE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1*	K9AA	18	GY	3554322C1	3554318C1	1#	K9AAA	18	GY	3554322C1	3554318C1	2	K6DB	18	GY	3554322C1	3554318C1	3	K77B	18	LTGN	3554322C1	3554318C1
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1*	K9AA	18	GY	3554322C1	3554318C1																																																														
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2	K6DB	18	GY	3554322C1	3554318C1																																																														
3	K77B	18	LTGN	3554322C1	3554318C1																																																														
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3	K77B	18	LTGN	3554322C1	3554318C1																																																														
<p>A/C PRESS TRANSDUCER (@6201A/%6201P) W/ 4 POLE AC PRESSURE TRANSDUCER (LOCATED ON AC COMPRESSOR DISCHARGE HOSE)</p>  <p>CONNECTOR 3600324C1</p>				<table border="1"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1*</td> <td>K9AAA</td> <td>20</td> <td>GY</td> <td>3702881C1</td> <td>3600327C1</td> </tr> <tr> <td>1#</td> <td>K9AA</td> <td>20</td> <td>GY</td> <td>3702881C1</td> <td>3600327C1</td> </tr> <tr> <td>2</td> <td>K77B</td> <td>20</td> <td>LTGN</td> <td>3702881C1</td> <td>3600327C1</td> </tr> <tr> <td>3</td> <td>K77C</td> <td>20</td> <td>LTGN</td> <td>3702881C1</td> <td>3600327C1</td> </tr> <tr> <td>4</td> <td>K6DB</td> <td>20</td> <td>GY</td> <td>3702881C1</td> <td>3600327C1</td> </tr> </tbody> </table> <p>* N/ OIL TEMPERATURE OR AIR RESTRICTION GAUGE # W/ OIL TEMPERATURE OR AIR RESTRICTION GAUGE @ W/ISX ENGINE % W/2010 SCR 13L ENGINE</p>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1*	K9AAA	20	GY	3702881C1	3600327C1	1#	K9AA	20	GY	3702881C1	3600327C1	2	K77B	20	LTGN	3702881C1	3600327C1	3	K77C	20	LTGN	3702881C1	3600327C1	4	K6DB	20	GY	3702881C1	3600327C1																								
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4	K6DB	20	GY	3702881C1	3600327C1																																																														
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																													
0638	07MAY15	ADDED R/D 6201A.	E	92948U	310698	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																													
					RELEASE NO.	DATE	PART NO.																																																												
					75116N	20NOV10	AE08058107																																																												
							SHEET <b>94A</b>																																																												

Figure 582 Connector Body Composite (6200), (6201), (6201A), (6201P)

14.164. CONNECTOR BODY COMPOSITE (6260A), (6260F), (6260FP), (6260H), (6300), P. 94B

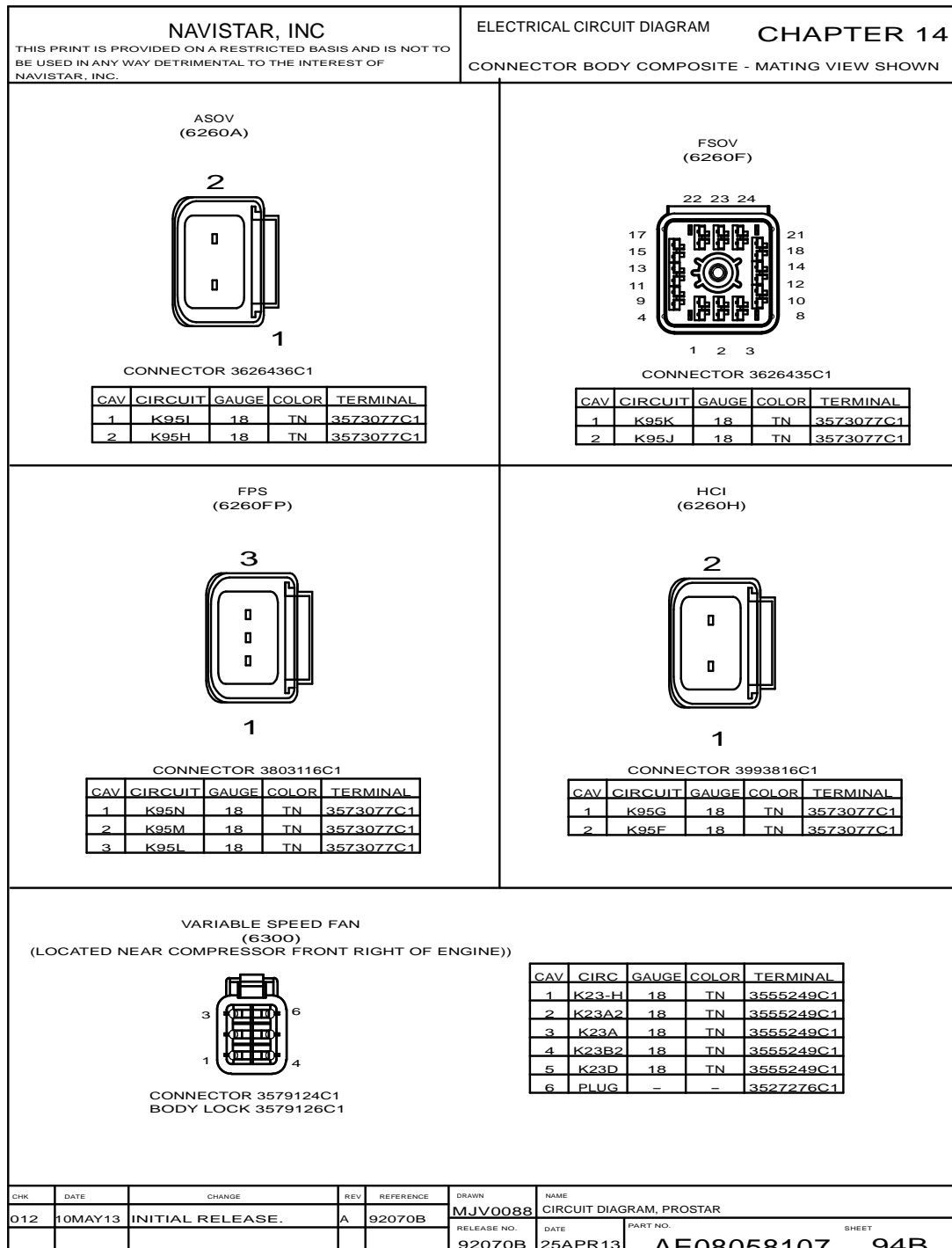


Figure 583 Connector Body Composite (6260A), (6260F), (6260FP), (6260H), (6300)

14.165. CONNECTOR BODY COMPOSITE (6260VH), (6260VL), (6260VM), (6260VN), (6316M), (6400), P. 95

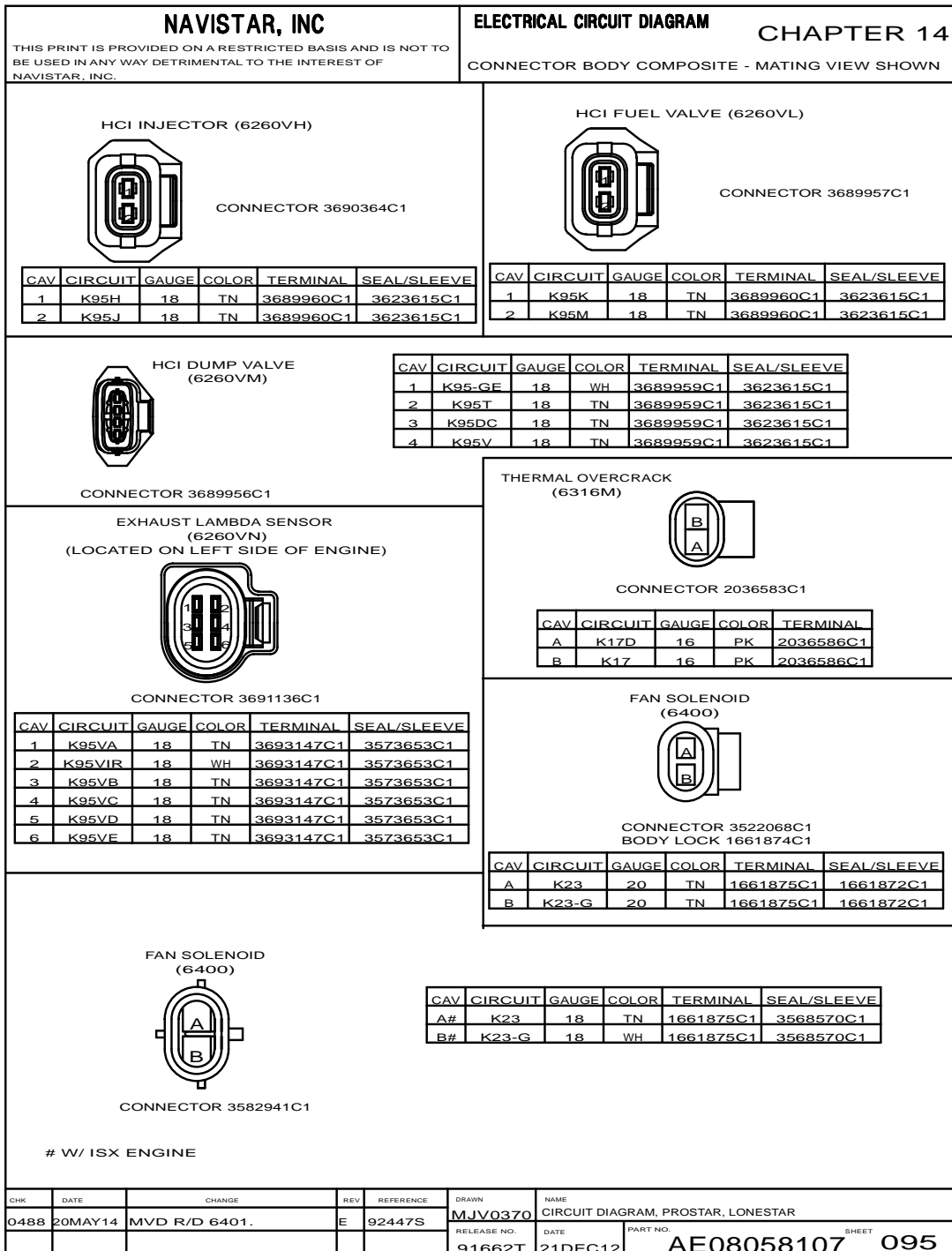


Figure 584 Connector Body Composite (6260VH), (6260VL), (6260VM), (6260VN), (6316M), (6400)

14.166. CONNECTOR BODY COMPOSITE (6400A), (6401), (6408), (6420), (6566), P. 95A

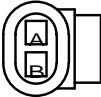
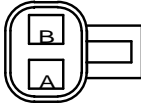
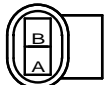

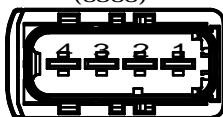
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<p style="text-align: center;">FAN SOLENOID PROSTAR (6400A)</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <table border="1" style="font-size: x-small; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K23</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>3568570C1</td> </tr> <tr> <td>B</td> <td>K23-G</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>3568570C1</td> </tr> </tbody> </table> </div> <p style="text-align: center; font-size: x-small;">CONNECTOR 3522068C1 BODY LOCK 1661874C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K23	18	TN	1661875C1	3568570C1	B	K23-G	18	WH	1661875C1	3568570C1																																																
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A	K23	18	TN	1661875C1	3568570C1																																																																				
B	K23-G	18	WH	1661875C1	3568570C1																																																																				
<p style="text-align: center;">COOLANT LEVEL SENSOR (6401)</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <table border="1" style="font-size: x-small; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A#</td> <td>K34</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B#</td> <td>K34A</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> </div> <p style="text-align: center; font-size: x-small;">CONNECTOR 1671610C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A#	K34	16	TN	2033819C1	1652325C1	B#	K34A	16	TN	2033819C1	1652325C1																																																
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B#	K34A	16	TN	2033819C1	1652325C1																																																																				
<p style="text-align: center;">LOW COOLANT SENDER L/S (6408)</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <table border="1" style="font-size: x-small; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K34D</td> <td>18</td> <td>TN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K34B</td> <td>18</td> <td>TN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table> </div> <p style="text-align: center; font-size: x-small;">CONNECTOR 3662425C1 BODY LOCK 3662518C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K34D	18	TN	3554322C1	3554318C1	B	K34B	18	TN	3554322C1	3554318C1																																																
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																				
A	K34D	18	TN	3554322C1	3554318C1																																																																				
B	K34B	18	TN	3554322C1	3554318C1																																																																				
<p style="text-align: center;">VARIABLE SPEED FAN (6420)</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <table border="1" style="font-size: x-small; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>K23-G</td><td>18</td><td>TN</td><td>3518963C1</td><td></td></tr> <tr><td>1</td><td>K23-G</td><td>18</td><td>TN</td><td>3518963C1</td><td></td></tr> <tr><td>2</td><td>K23A1</td><td>18</td><td>TN</td><td>3518963C1</td><td></td></tr> <tr><td>2</td><td>K23A1</td><td>18</td><td>TN</td><td>3518963C1</td><td></td></tr> <tr><td>3</td><td>KB23</td><td>18</td><td>TN</td><td>3518963C1</td><td></td></tr> <tr><td>3</td><td>K23</td><td>18</td><td>TN</td><td>3518963C1</td><td></td></tr> <tr><td>4</td><td>K23B1</td><td>18</td><td>WH</td><td>3518963C1</td><td></td></tr> <tr><td>4</td><td>K23B1</td><td>18</td><td>WH</td><td>3518963C1</td><td></td></tr> <tr><td>5</td><td>K23C</td><td>18</td><td>TN</td><td>3518963C1</td><td></td></tr> <tr><td>5</td><td>K23C</td><td>18</td><td>TN</td><td>3518963C1</td><td></td></tr> </tbody> </table> </div> <p style="text-align: center; font-size: x-small;">CONNECTOR 3579124C1 BODY LOCK 3579126C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K23-G	18	TN	3518963C1		1	K23-G	18	TN	3518963C1		2	K23A1	18	TN	3518963C1		2	K23A1	18	TN	3518963C1		3	KB23	18	TN	3518963C1		3	K23	18	TN	3518963C1		4	K23B1	18	WH	3518963C1		4	K23B1	18	WH	3518963C1		5	K23C	18	TN	3518963C1		5	K23C	18	TN	3518963C1	
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5	K23C	18	TN	3518963C1																																																																					
5	K23C	18	TN	3518963C1																																																																					
<p style="text-align: center;">PDM 4WAY (6566)</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <table border="1" style="font-size: x-small; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K14J</td> <td>10</td> <td>RD</td> <td>3752553C1</td> <td>6113347C1</td> </tr> <tr> <td>3</td> <td>K14N</td> <td>10</td> <td>RD</td> <td>3752553C1</td> <td>6113347C1</td> </tr> </tbody> </table> </div> <p style="text-align: center; font-size: x-small;">CONNECTOR 6113338C1</p>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K14J	10	RD	3752553C1	6113347C1	3	K14N	10	RD	3752553C1	6113347C1																																																
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																			
-	-	ADDED R/D 6400A &	D	92447S	-	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																																			
6566.					RELEASE NO.	DATE	PART NO.																																																																		
					-	-	AE08058107 95A																																																																		

Figure 585 Connector Body Composite (6400A), (6401), (6408), (6420), (6566)

14.167. CONNECTOR BODY COMPOSITE (6567), (6568), (6569), P. 95B

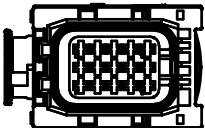

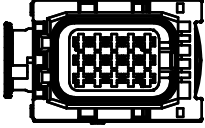
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<p>PDM 15WAY (6567)</p>  <p>CONNECTOR 6113341C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>4</td><td>K95AK2</td><td>12</td><td>TN</td><td>3830799C1</td><td>3575783C1</td></tr> <tr><td>7</td><td>K14A</td><td>12</td><td>RD</td><td>3830799C1</td><td>3575783C1</td></tr> <tr><td>7</td><td>K92A170</td><td>14</td><td>RD</td><td>3830798C1</td><td>3575783C1</td></tr> <tr><td>7</td><td>K92#110</td><td>12</td><td>RD</td><td>3830799C1</td><td>3575783C1</td></tr> <tr><td>10</td><td>K14HC</td><td>14</td><td>RD</td><td>3830798C1</td><td>3509903C1</td></tr> <tr><td>13</td><td>K95AK1</td><td>12</td><td>TN</td><td>3830799C1</td><td>3575783C1</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	4	K95AK2	12	TN	3830799C1	3575783C1	7	K14A	12	RD	3830799C1	3575783C1	7	K92A170	14	RD	3830798C1	3575783C1	7	K92#110	12	RD	3830799C1	3575783C1	10	K14HC	14	RD	3830798C1	3509903C1	13	K95AK1	12	TN	3830799C1	3575783C1
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<p>PDM 4WAY (6568)</p>  <p>CONNECTOR 6113338C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>K14J</td><td>10</td><td>RD</td><td>3752553C1</td><td>6113347C1</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>K14N</td><td>10</td><td>RD</td><td>3752553C1</td><td>6113347C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>								CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	K14J	10	RD	3752553C1	6113347C1	2	-	-	-	-	-	3	K14N	10	RD	3752553C1	6113347C1	4	-	-	-	-	-												
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				92447S	14MAR14	AE08058107	95B																																										

Figure 586 Connector Body Composite (6567), (6568), (6569)



14.168. CONNECTOR BODY COMPOSITE (6702), (6703), (6703A), (6704), P. 96

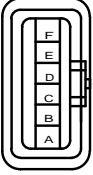
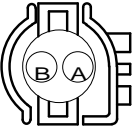
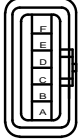

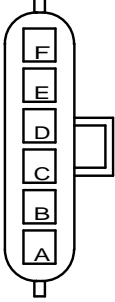
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<p>0V REFERENCE SPLICE (6702) (LOCATED UPPER REAR OF ENGINE)</p>  <p>CONNECTOR 3543729C1 BODY LOCK 3543731C1</p>		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th><th>SEAL/SLEEVE</th></tr> </thead> <tbody> <tr><td>A</td><td>K9AA</td><td>16</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>A%</td><td>K9AAA</td><td>16</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B</td><td>K9AAA</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B%</td><td>K9AA</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C</td><td>K9AAD</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D</td><td>K9AAB</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>D%</td><td>K9AAB</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> <tr><td>E*</td><td>K9AA</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>3535425C1</td><td>-</td></tr> </tbody> </table> <p>* W/ 2010 SCR 13L ENGINE % W/EURO IV ISX ENGINE</p>				CAV	CIR	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K9AA	16	GY	3535303C1	3535424C1	A%	K9AAA	16	GY	3535303C1	3535424C1	B	K9AAA	18	GY	3535303C1	3535424C1	B%	K9AA	18	GY	3535303C1	3535424C1	C	K9AAD	18	GY	3535303C1	3535424C1	D	K9AAB	18	GY	3535303C1	3535424C1	D%	K9AAB	18	GY	3535303C1	3535424C1	E	PLUG	-	-	3535425C1	-	E*	K9AA	18	GY	3535303C1	3535424C1	F	PLUG	-	-	3535425C1	-															
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<p>INTAKE AIR TEMPERATURE (6703) (LOCATED ON AIR FILTER HOUSING)</p>  <p>CONNECTOR 1689462C1 BODY LOCK 1689463C1</p>		<p>ZERO VOLT REFERENCE (6703)</p>  <p>CONNRCATOR 3543729C1 BODY LOCK 3543731C1</p>																																																																																				
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<p>AIR FILTER RESTRICTION GAUGE (6703A)</p>  <p>CONNRCATOR 3522068C1 BODY LOCK 1661874C1</p>		<p>GROUND SPLICE (6704)</p>  <p>CONNRCATOR 3551896C1 BODY LOCK 3551897C1</p>																																																																																				
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		91662T	21DEC12	AE08058107	096																																																																																	

Figure 587 Connector Body Composite (6702), (6703), (6703A), (6704)

14.169. CONNECTOR BODY COMPOSITE (6703A), (6706), P. 96A

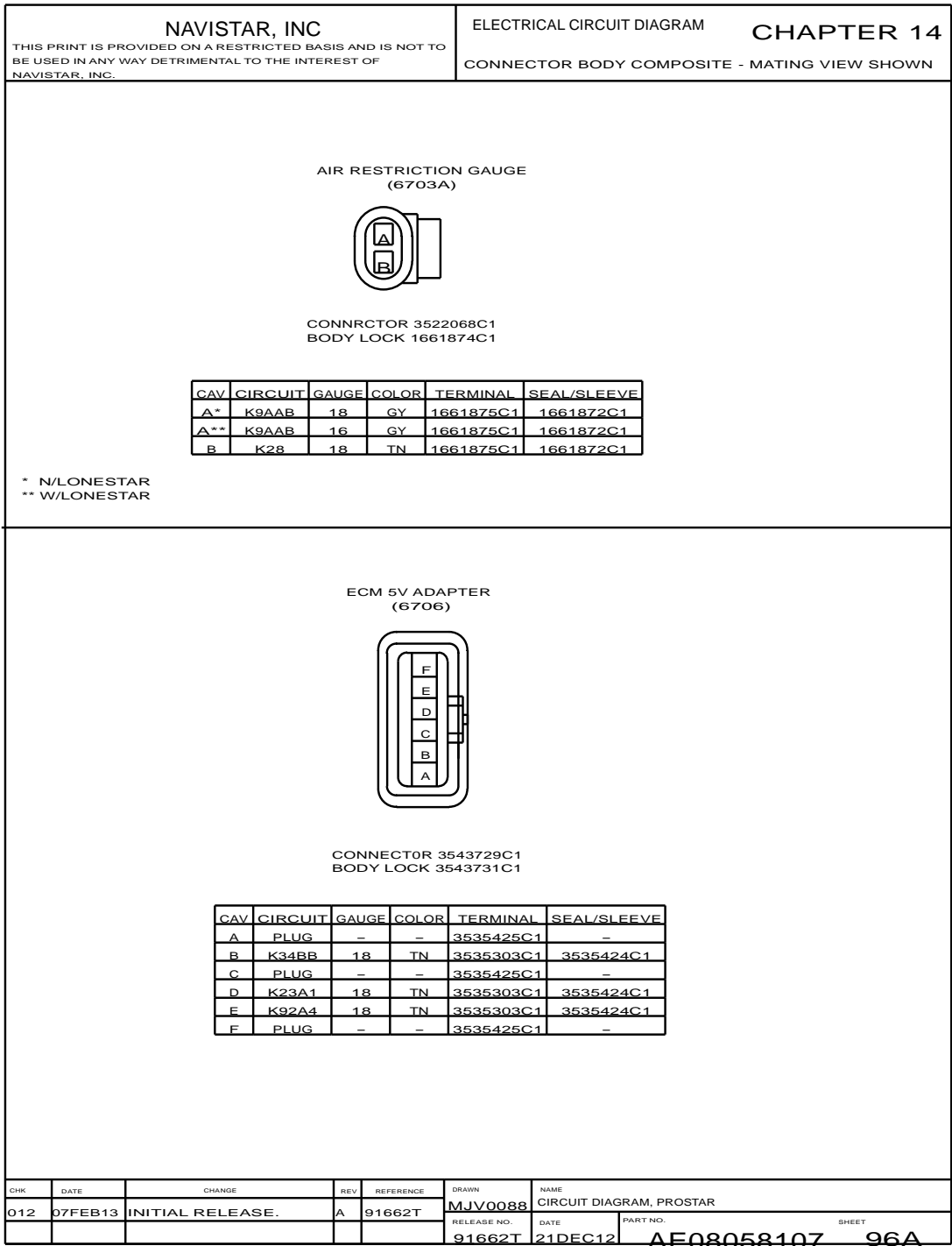


Figure 588 Connector Body Composite (6703A), (6706)

14.170. CONNECTOR BODY COMPOSITE (6712), (6720), (6730), (6748), (7104F), P. 97

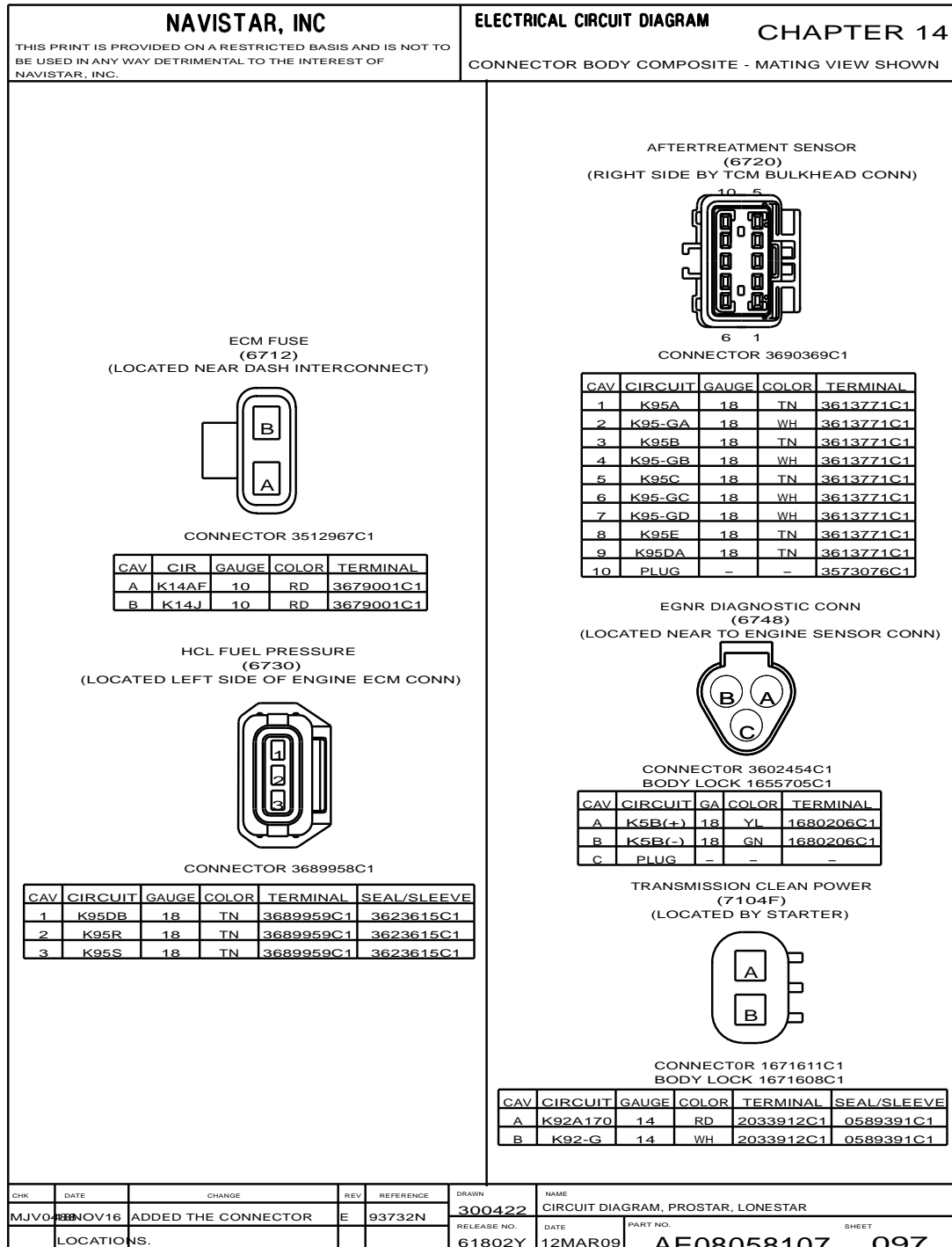


Figure 589 Connector Body Composite (6712), (6720), (6730), (6748), (7104F)

14.171. CONNECTOR BODY COMPOSITE (7150), P. 97A

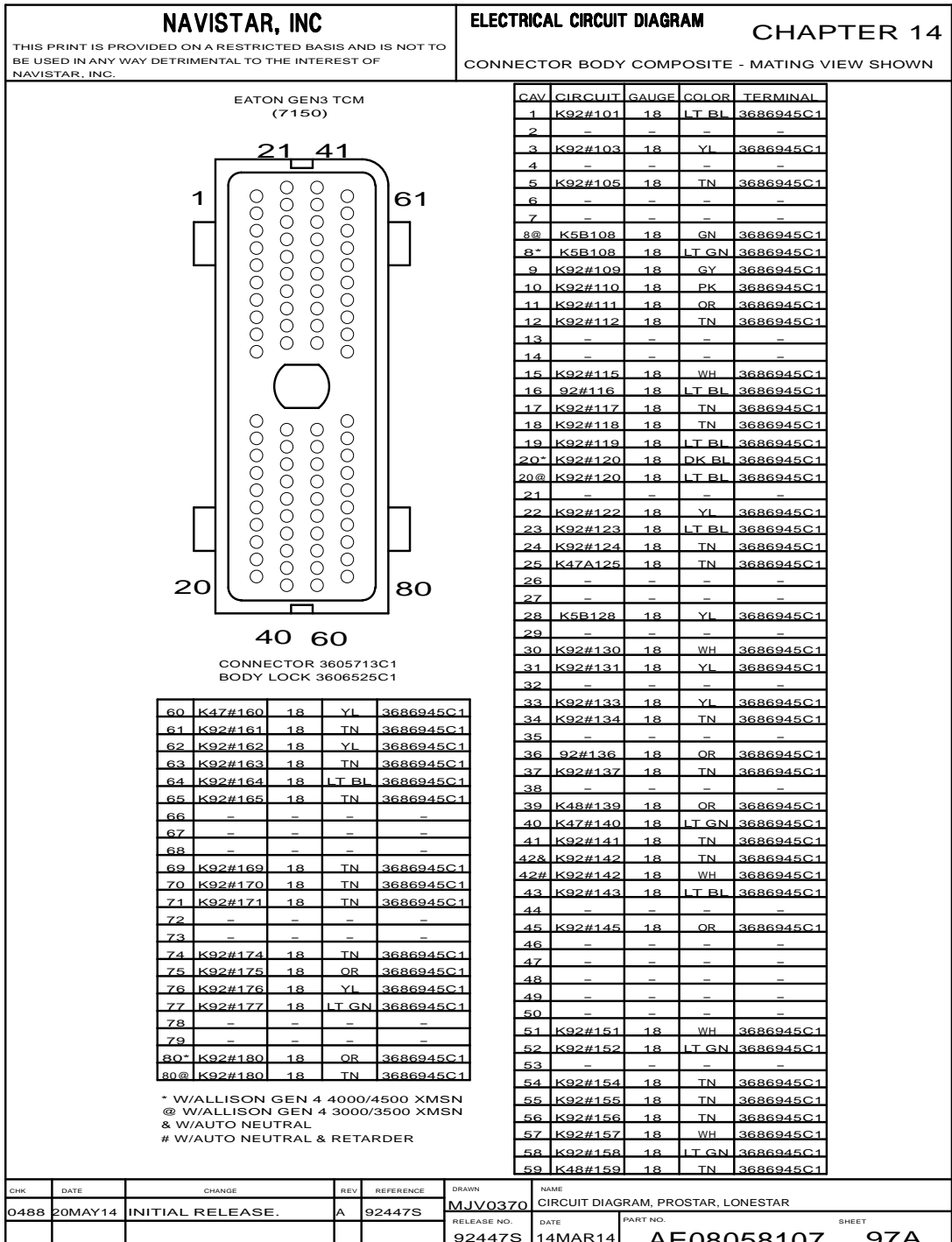


Figure 590 Connector Body Composite (7150)

14.172. CONNECTOR BODY COMPOSITE (7105), (7104B), (7104F), (7110), (7110A), P. 98

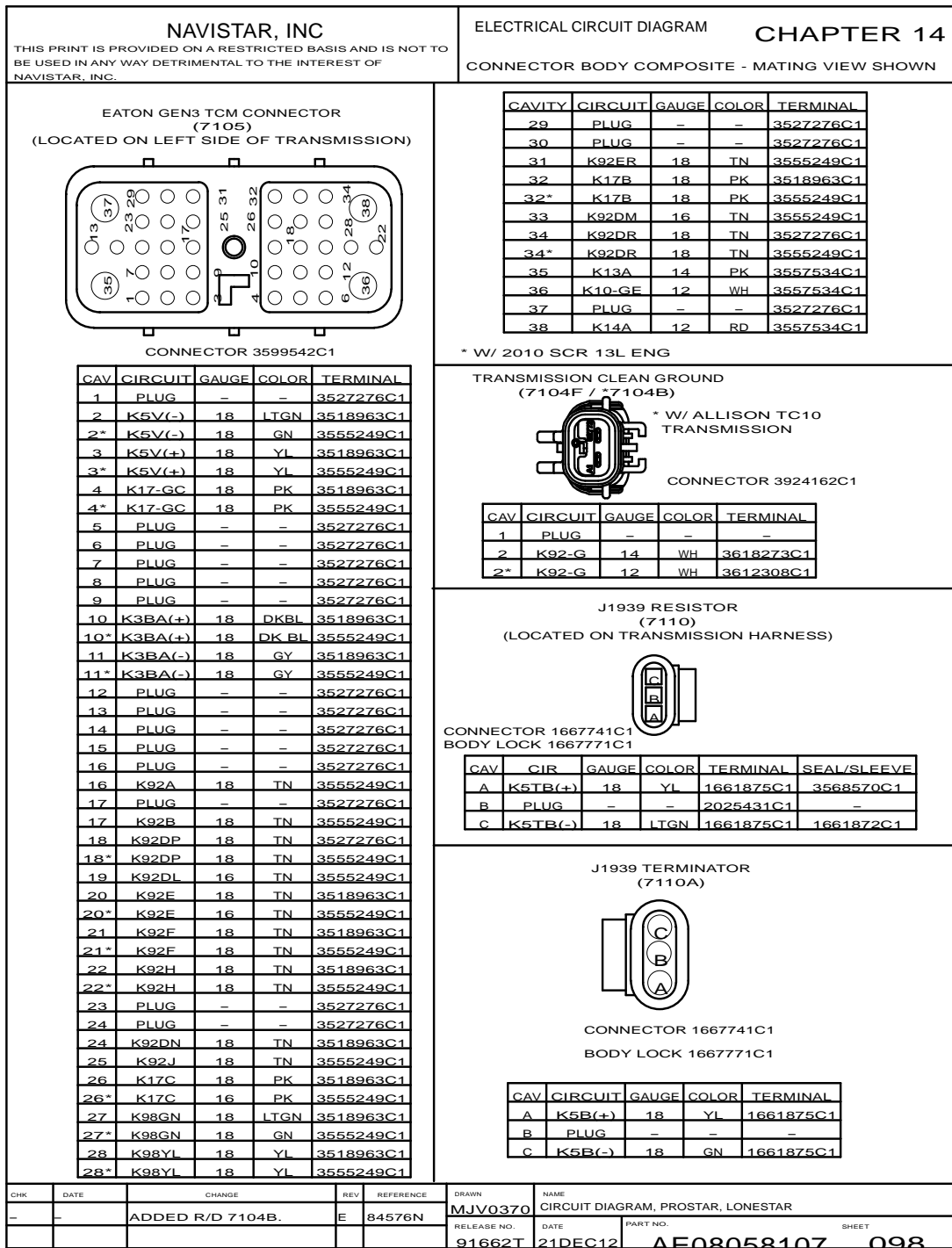


Figure 591 Connector Body Composite (7105), (7104B), (7104F), (7110), (7110A)

14.173. CONNECTOR BODY COMPOSITE (7150), P. 98A

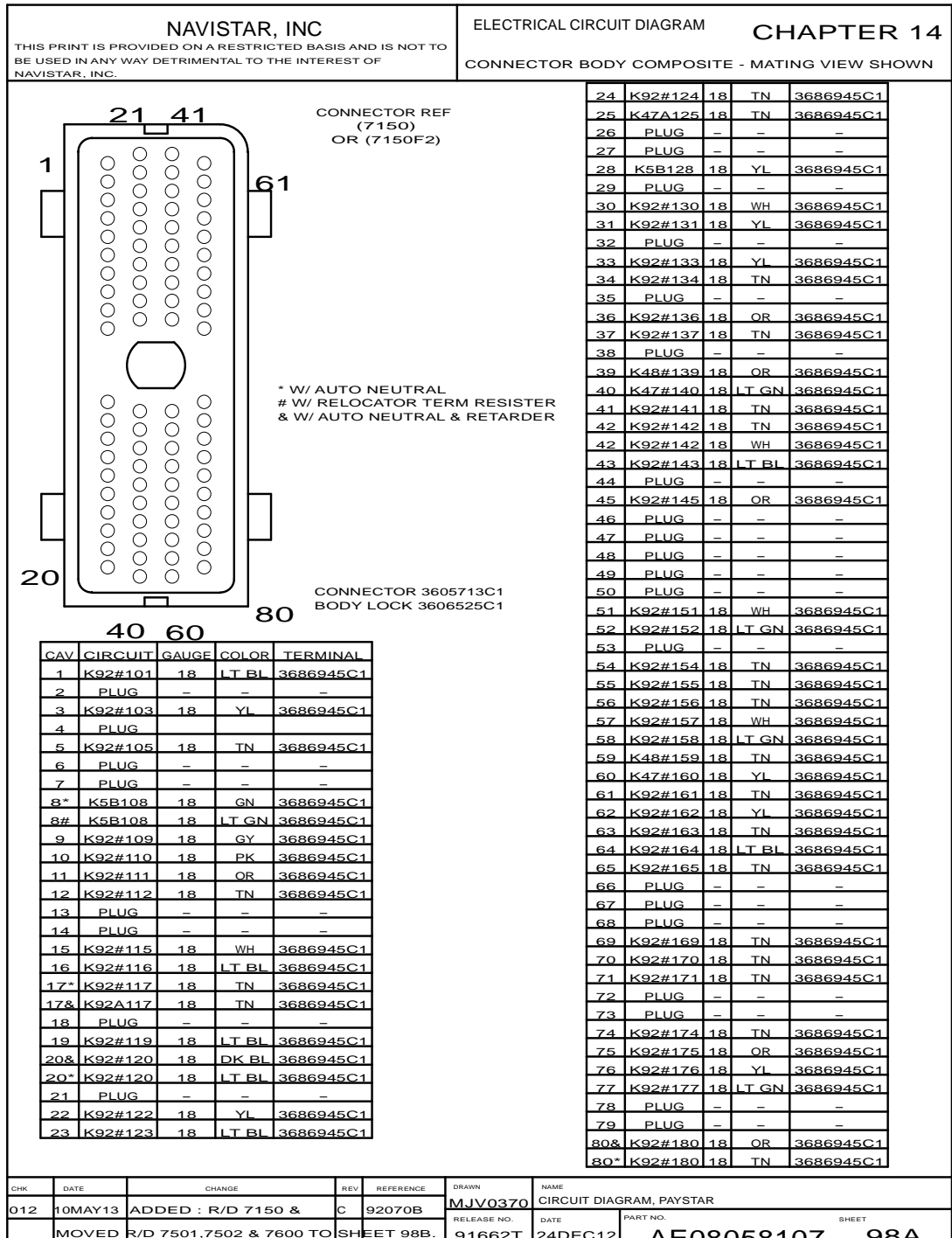


Figure 592 Connector Body Composite (7150)

14.174. CONNECTOR BODY COMPOSITE (7205), (7206), (7211), (7212), (7213), P. 98B

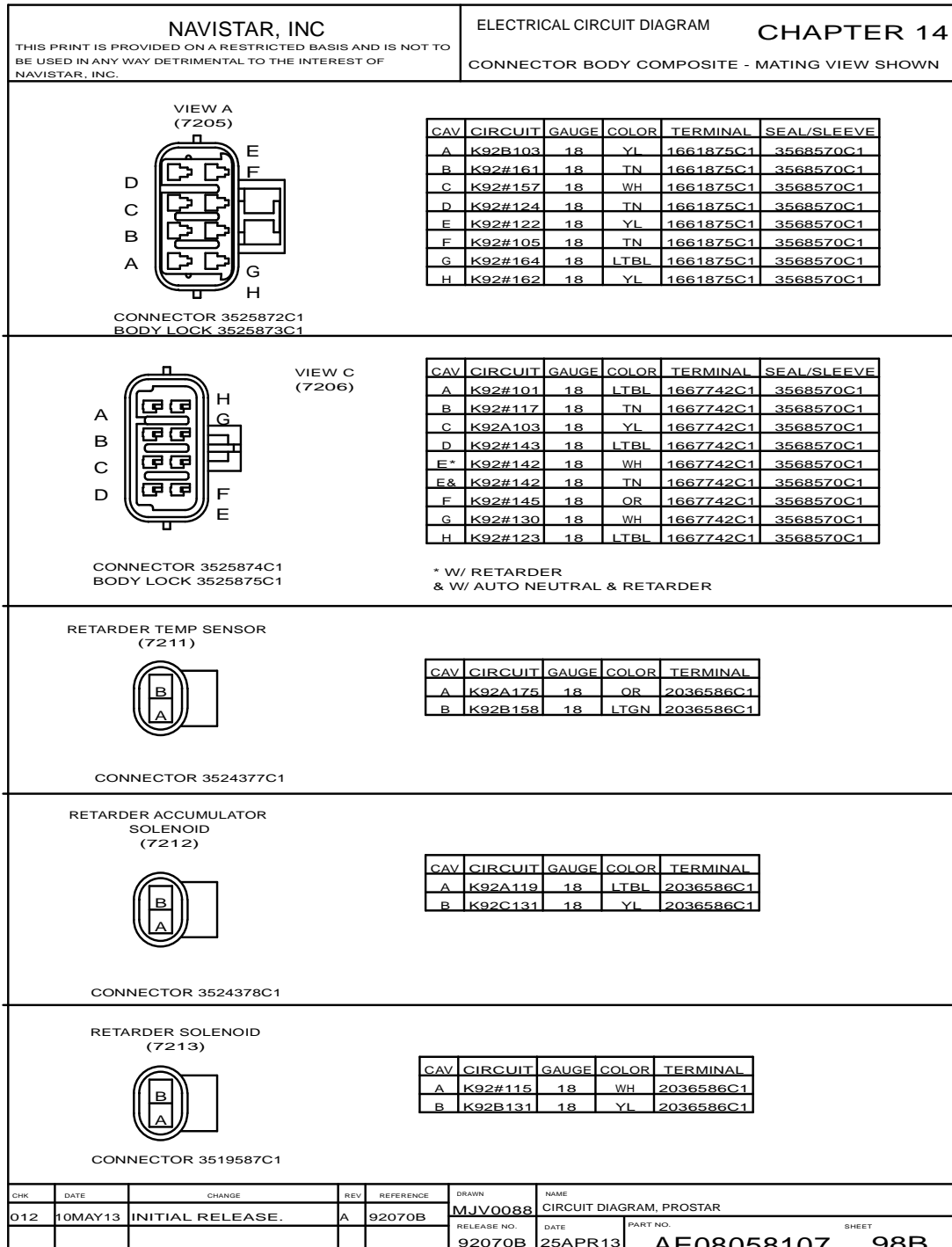


Figure 593 Connector Body Composite (7205), (7206), (7211), (7212), (7213)

14.175. CONNECTOR BODY COMPOSITE (7220), (7250), (7350), P. 98C

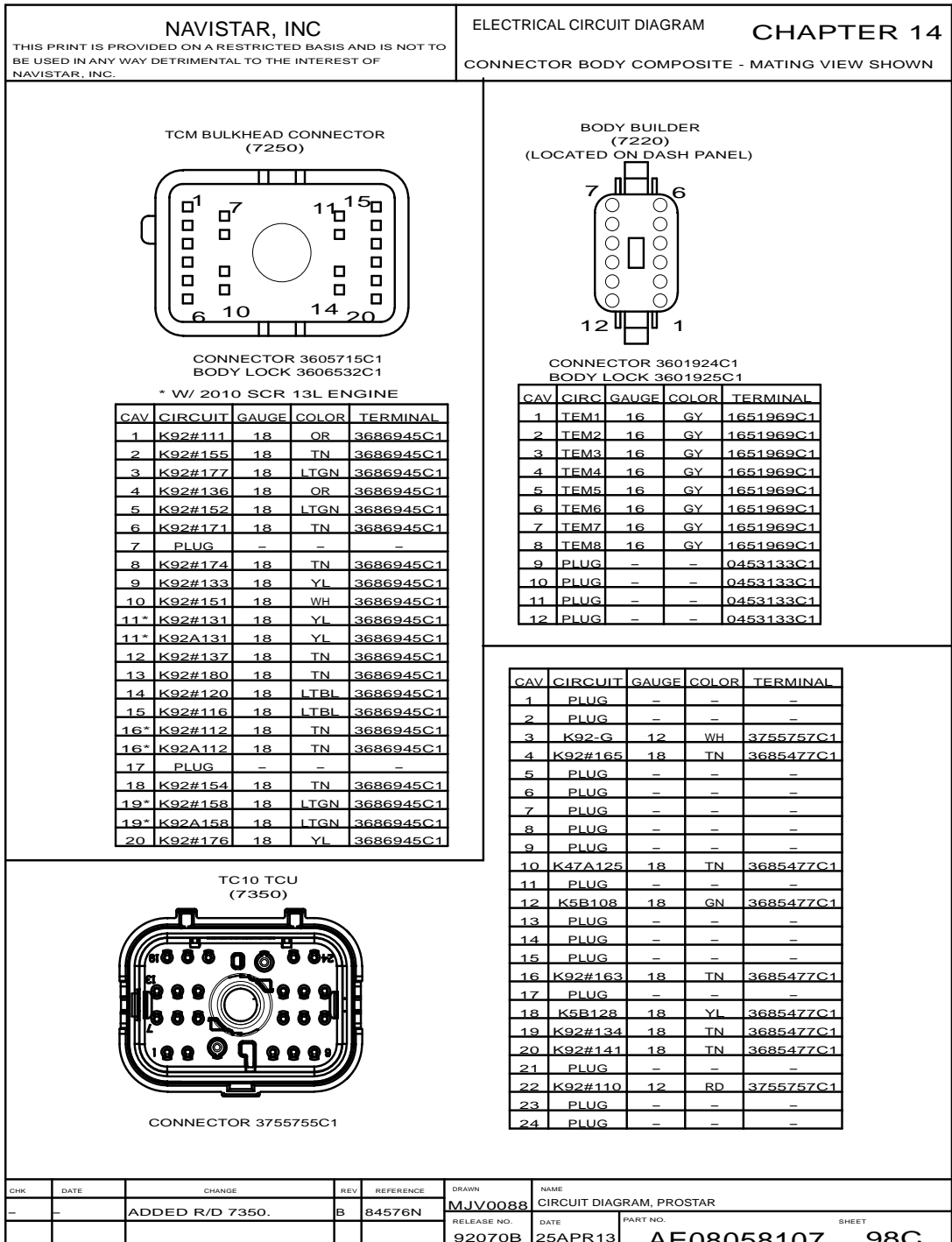


Figure 594 Connector Body Composite (7220), (7250), (7350)



14.176. CONNECTOR BODY COMPOSITE (7500W), (7501), (7502), (7600), (7600A), (7603), P. 98D

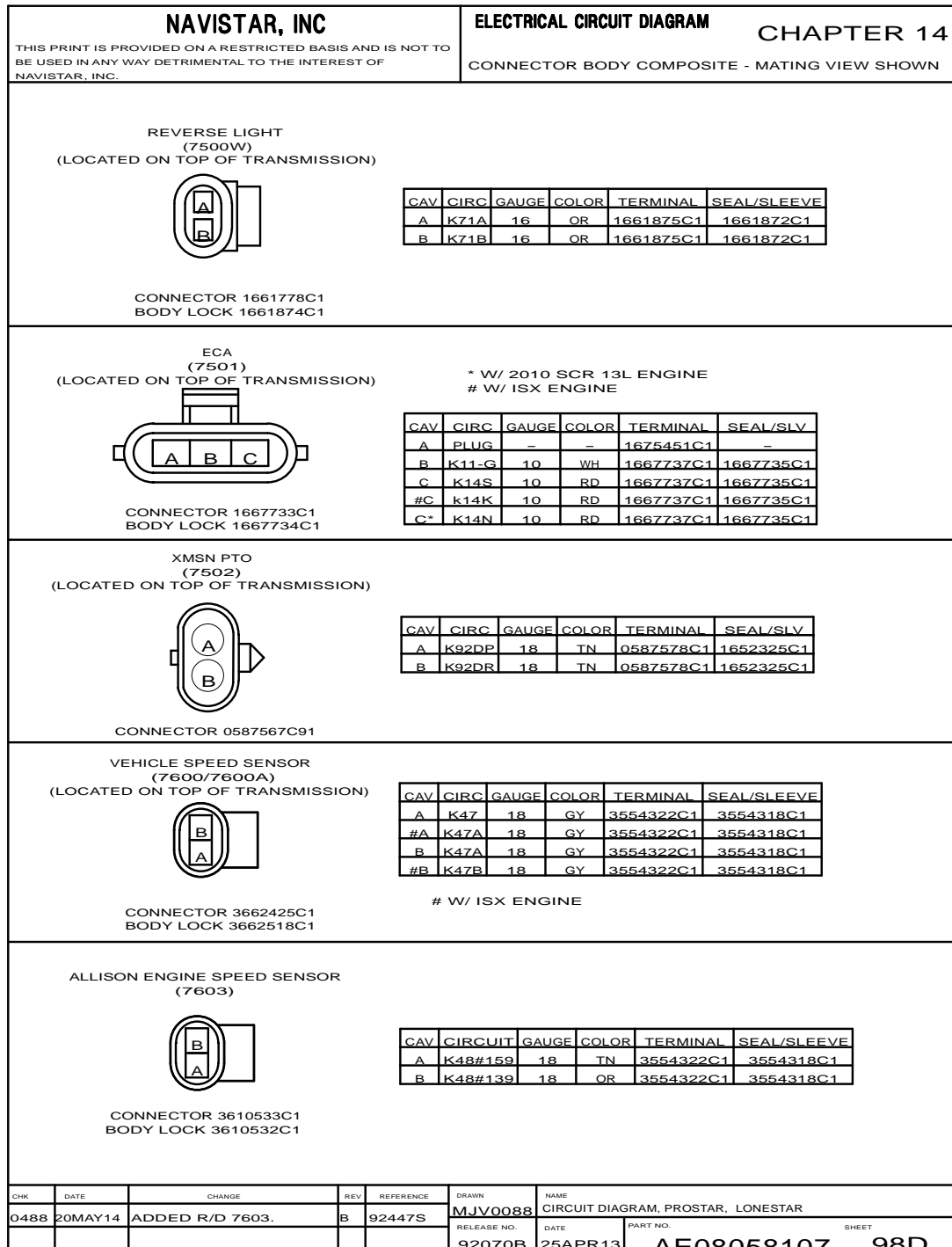


Figure 595 Connector Body Composite (7500W), (7501), (7502), (7600), (7600A), (7603)

14.177. CONNECTOR BODY COMPOSITE (7605), (7615), P. 98E



<b>NAVISTAR, INC</b> <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</small>				ELECTRICAL CIRCUIT DIAGRAM <b>CHAPTER 14</b> CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																										
<p>ALLISON OUTPUT SPEED SENSOR (7605)</p>  <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K47#160</td> <td>18</td> <td>YL</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K47#140</td> <td>18</td> <td>LT GN</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table> <p>CONNECTOR 3610533C1 BODY LOCK 3610532C1</p> <p style="margin-left: 200px;">W/ 2010 SCR 13L ENGINE</p>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K47#160	18	YL	3554322C1	3554318C1	B	K47#140	18	LT GN	3554322C1	3554318C1						
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																									
A	K47#160	18	YL	3554322C1	3554318C1																									
B	K47#140	18	LT GN	3554322C1	3554318C1																									
<p>ALLISON TURBINE SPEED SENSOR (7615)</p>  <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIRCUIT</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K92#180</td> <td>18</td> <td>OR</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K92#120</td> <td>18</td> <td>DK BL</td> <td>3554322C1</td> <td>3554318C1</td> </tr> <tr> <td>B</td> <td>K92#120</td> <td>18</td> <td>LT BL</td> <td>3554322C1</td> <td>3554318C1</td> </tr> </tbody> </table> <p>CONNECTOR 3610533C1 BODY LOCK 3610532C1</p>							CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	K92#180	18	OR	3554322C1	3554318C1	B	K92#120	18	DK BL	3554322C1	3554318C1	B	K92#120	18	LT BL	3554322C1	3554318C1
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B	K92#120	18	DK BL	3554322C1	3554318C1																									
B	K92#120	18	LT BL	3554322C1	3554318C1																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																								
012	10MAY13	INITIAL RELEASE.	A	92070B	MJV0088	CIRCUIT DIAGRAM, PROSTAR																								
					RELEASE NO.	DATE																								
					92070B	25APR13																								
					PART NO.	SHEET																								
					AE08058107	98E																								

Figure 596 Connector Body Composite (7605), (7615)

14.178. CONNECTOR BODY COMPOSITE (7110B), (7700K), (7802), (7905), P. 99

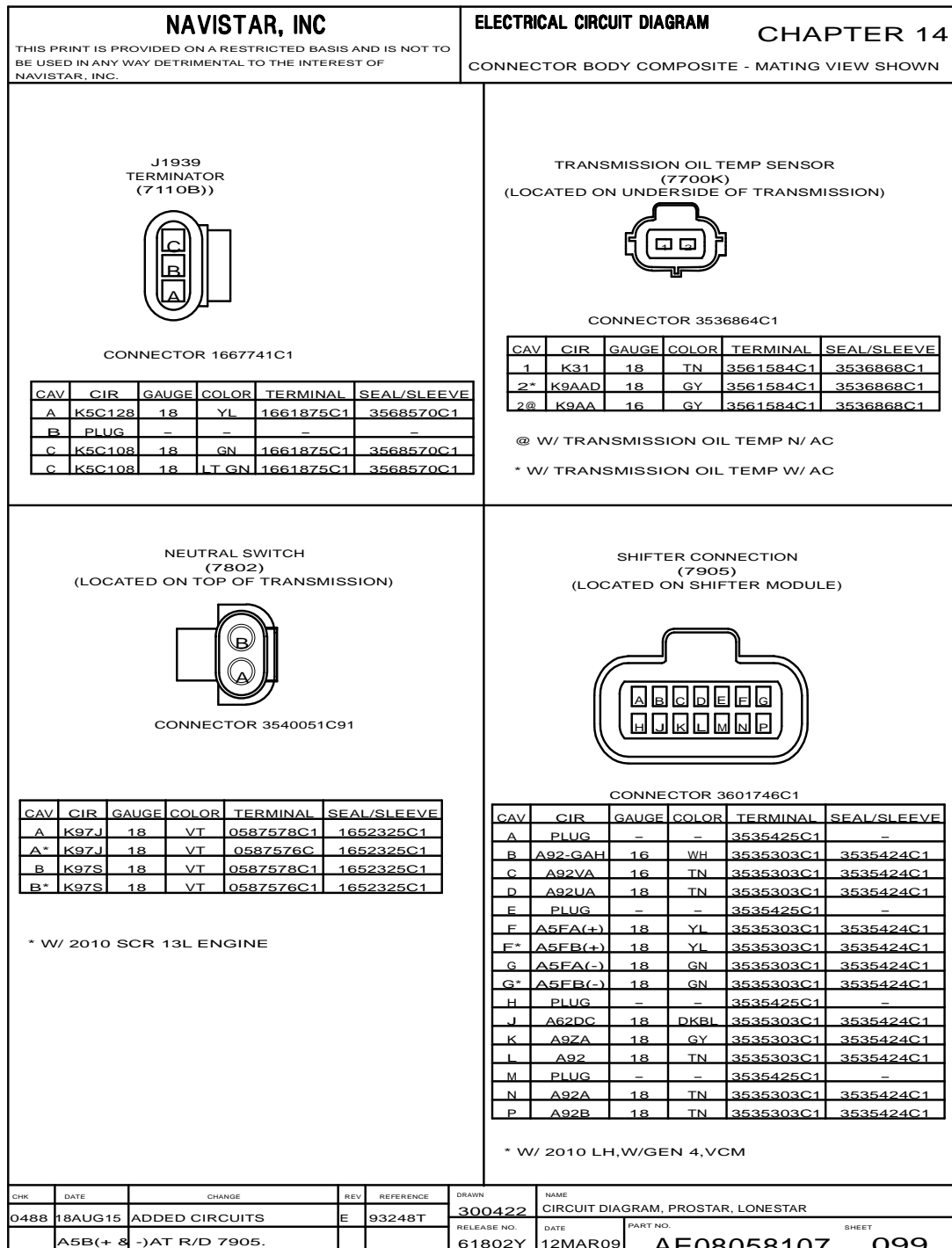


Figure 597 Connector Body Composite (7110B), (7700K), (7802), (7905)

14.179. CONNECTOR BODY COMPOSITE (8000), (8001), P. 99A

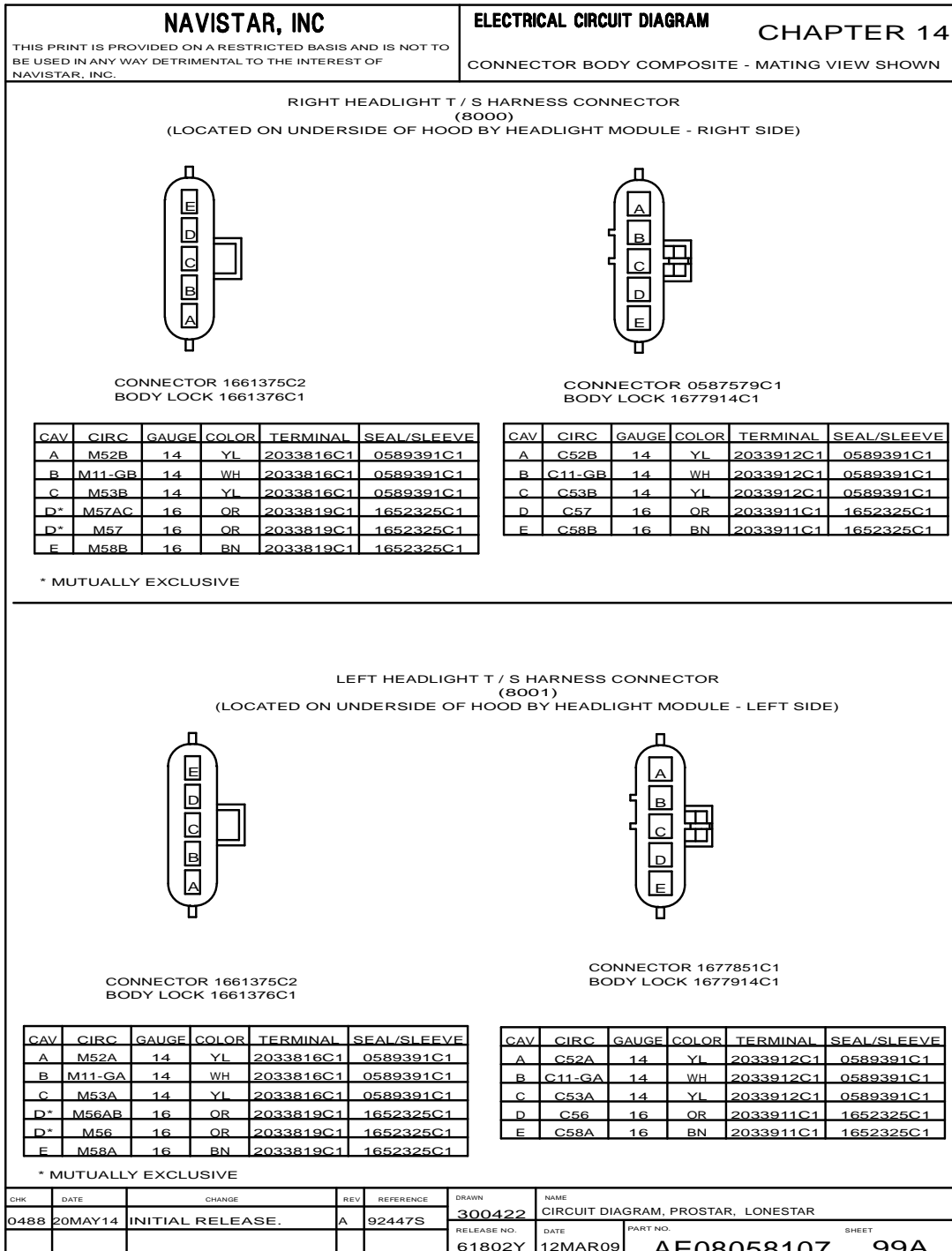


Figure 598 Connector Body Composite (8000), (8001)

14.180. CONNECTOR BODY COMPOSITE (8002), (8003), (8006T), (8006R), (8050), (8051), P. 99B

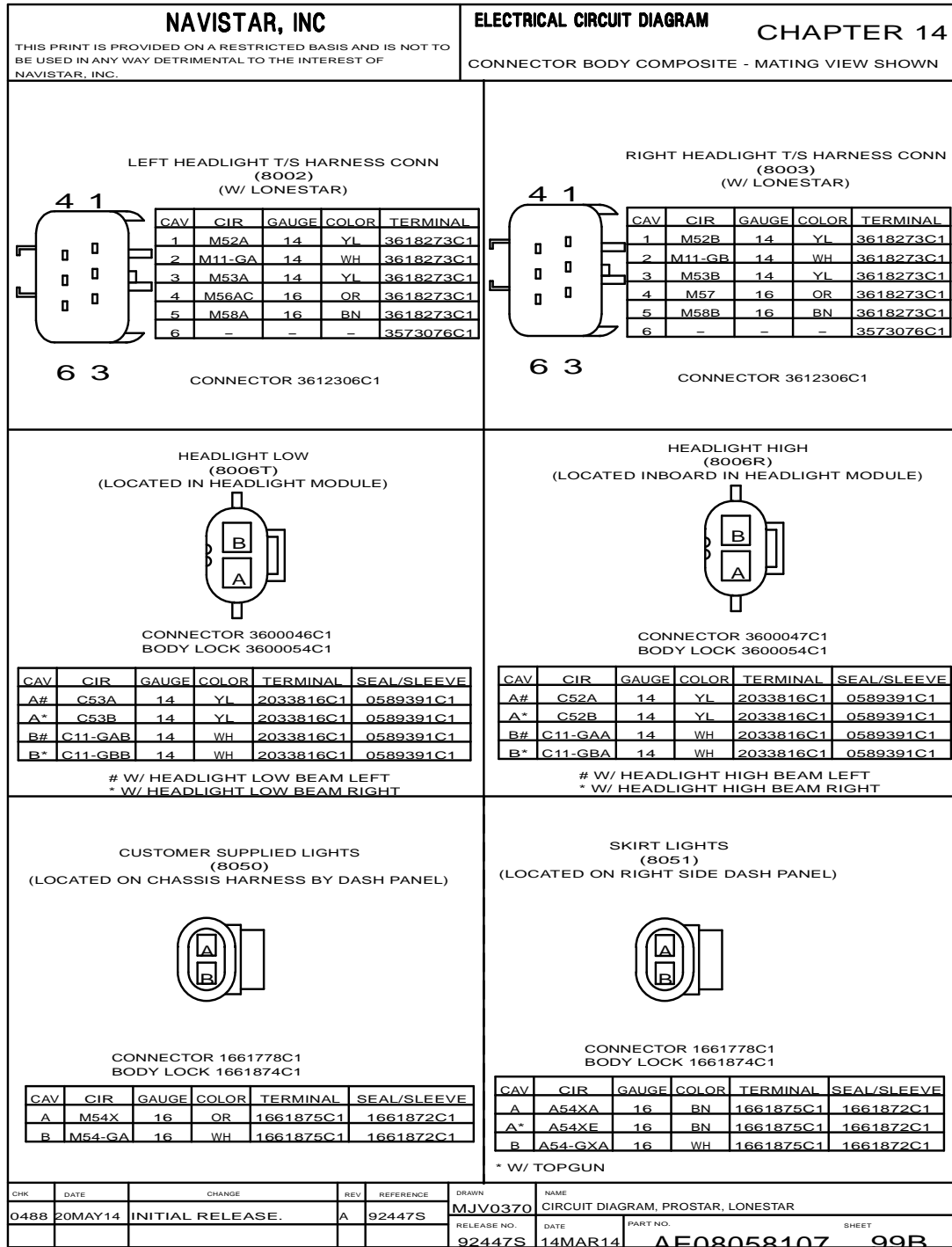


Figure 599 Connector Body Composite (8002), (8003), (8006T), (8006R), (8050), (8051)

14.181. CONNECTOR BODY COMPOSITE (8052), (8053), (8054), (8070), (8071), (8100), (8100A), P. 99C

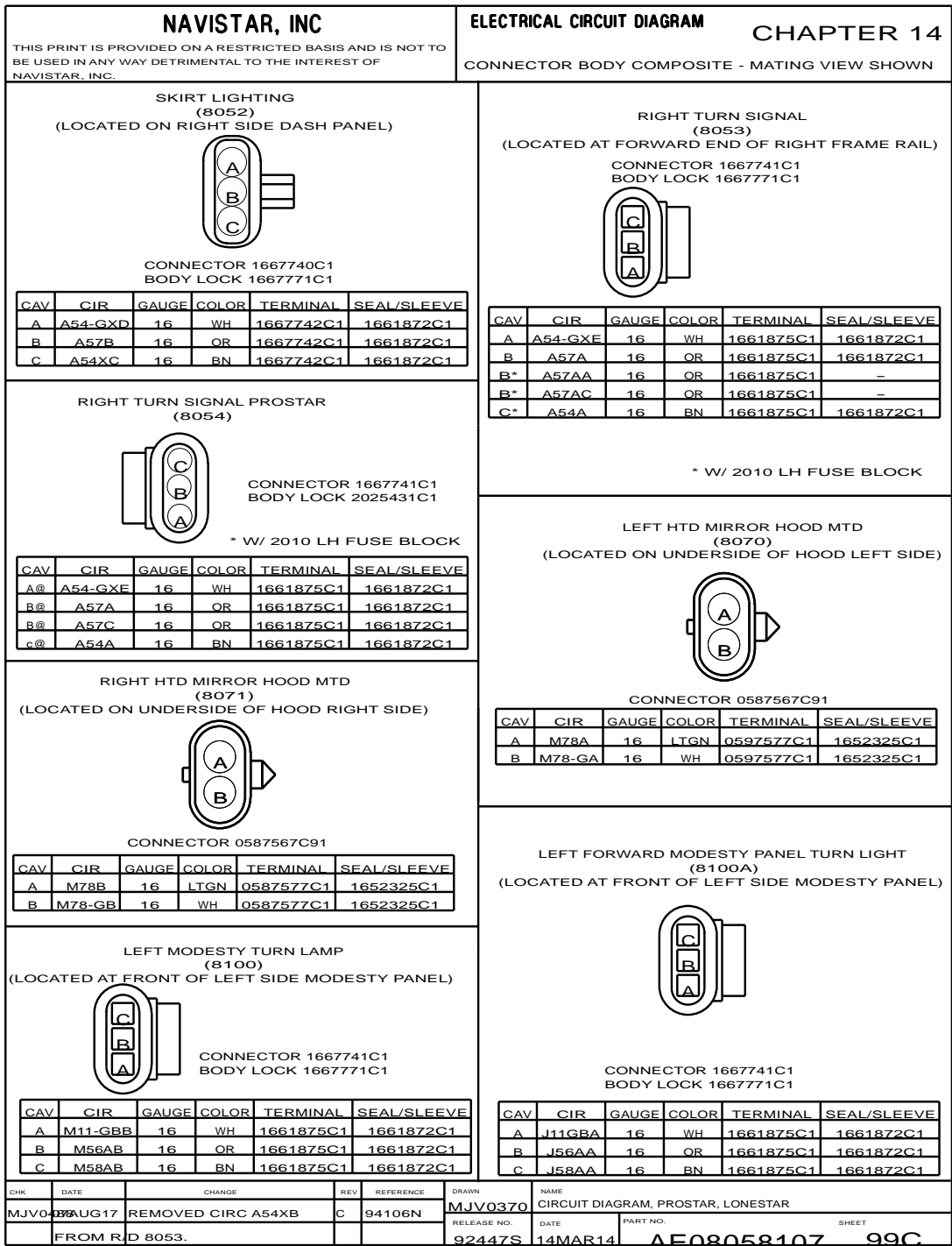


Figure 600 Connector Body Composite (8052), (8053), (8054), (8070), (8071), (8100), (8100A)

14.182. CONNECTOR BODY COMPOSITE (8100B), (8101), (8101A), (8101B), (8102), (8103\* / 8102), (8100A), P. 99D

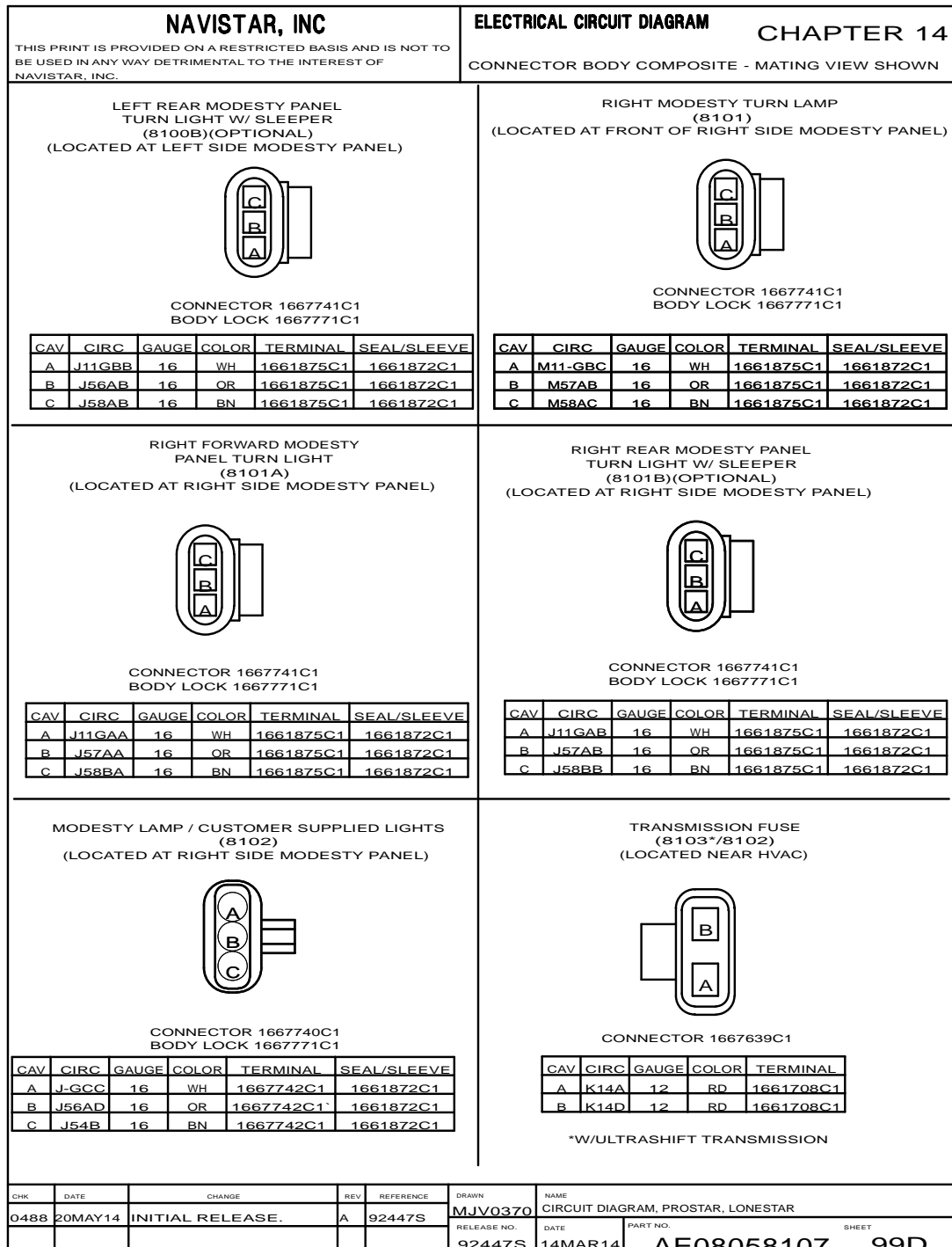


Figure 601 Connector Body Composite (8100B), (8101), (8101A), (8101B), (8102), (8103\* / 8102), (8100A)

14.183. CONNECTOR BODY COMPOSITE (8104), (8106), (8107), (8108), (8109), (8110), (8111), (8165), P. 100

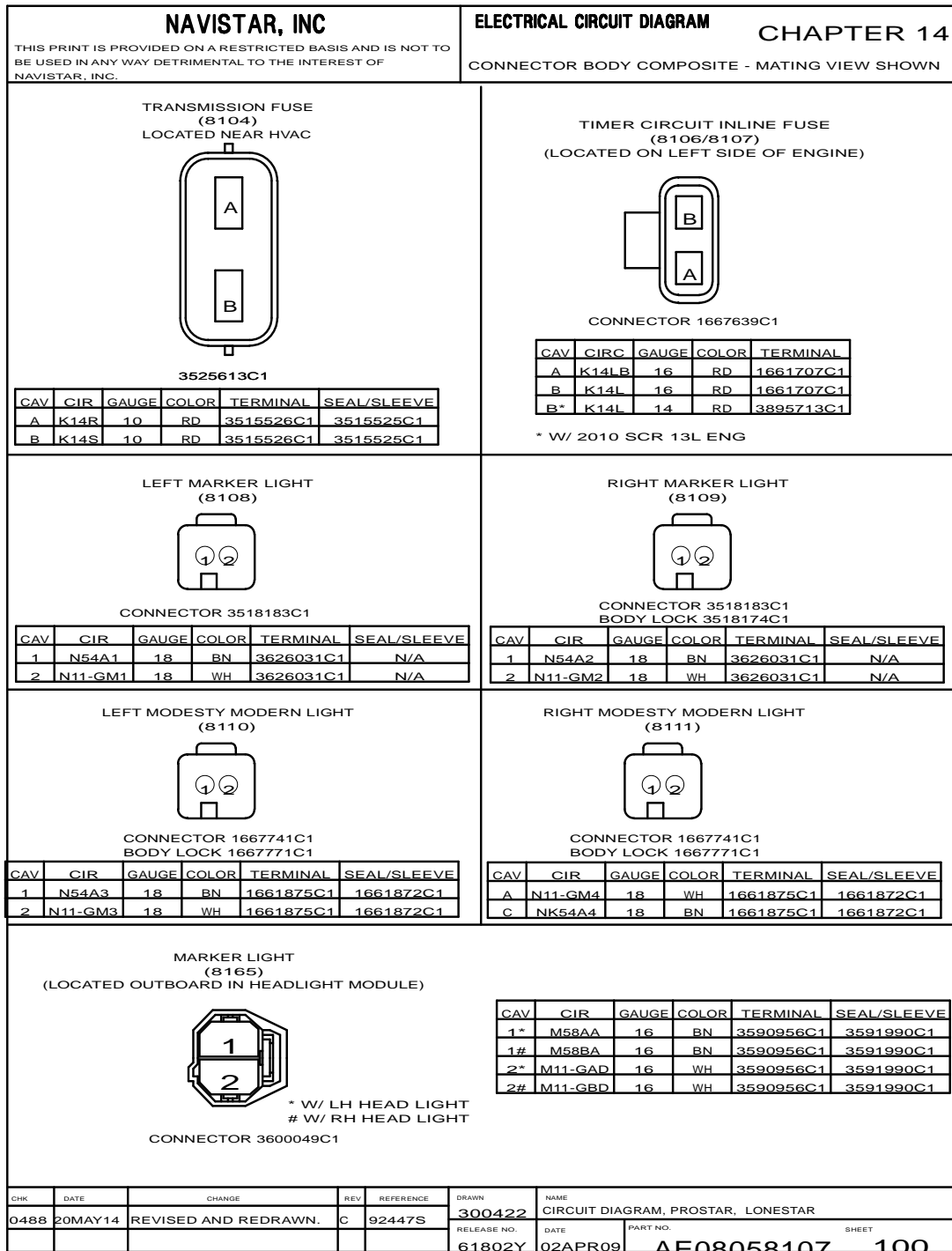


Figure 602 Connector Body Composite (8104), (8106), (8107), (8108), (8109), (8110), (8111), (8165)



14.184. CONNECTOR BODY COMPOSITE (8166T), (8203A), (8303A), (8303B), P. 101

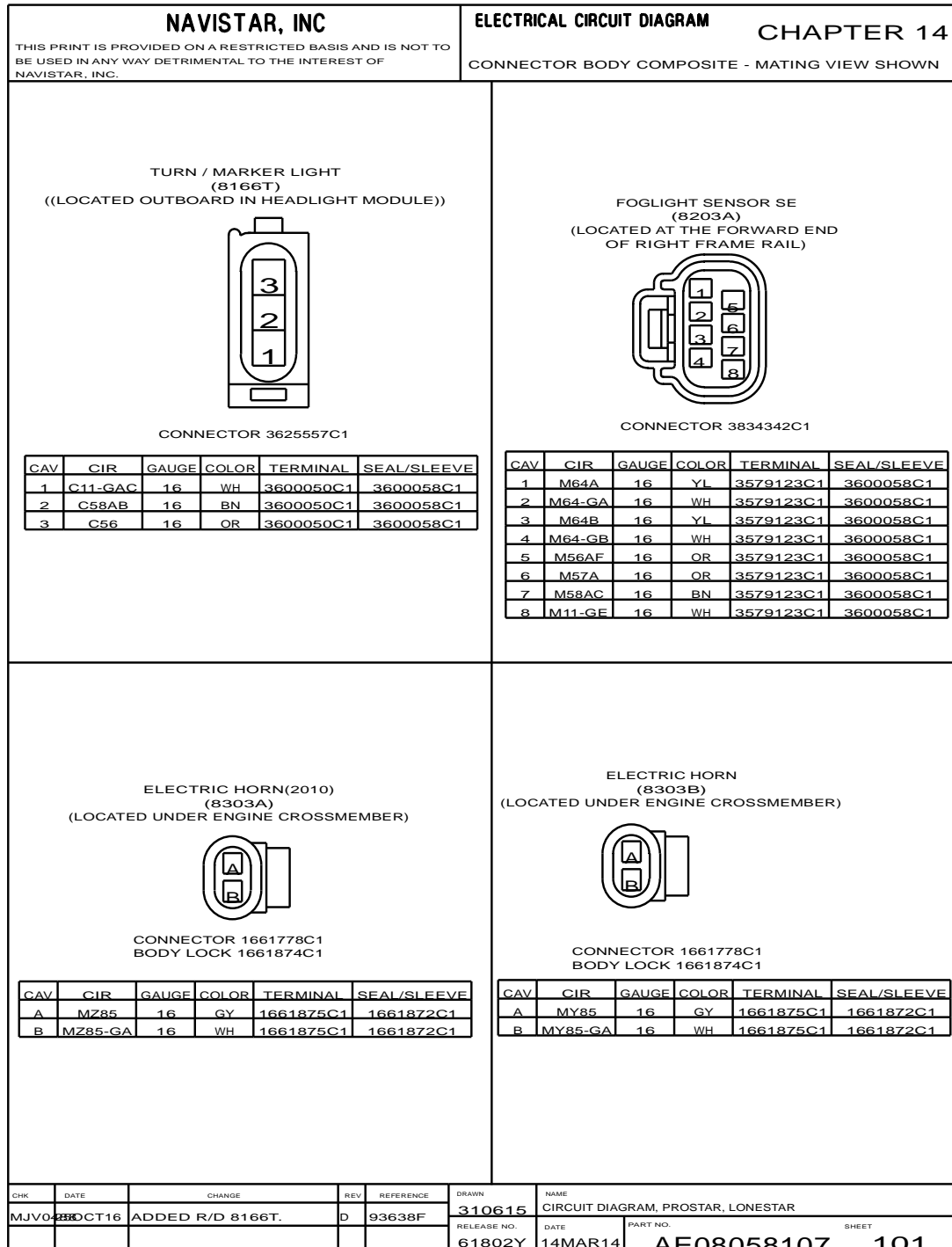


Figure 603 Connector Body Composite (8166T), (8203A), (8303A), (8303B)

14.185. CONNECTOR BODY COMPOSITE (8201), (8203), (8303), (8310), (8311), (8312), (8350), P. 102

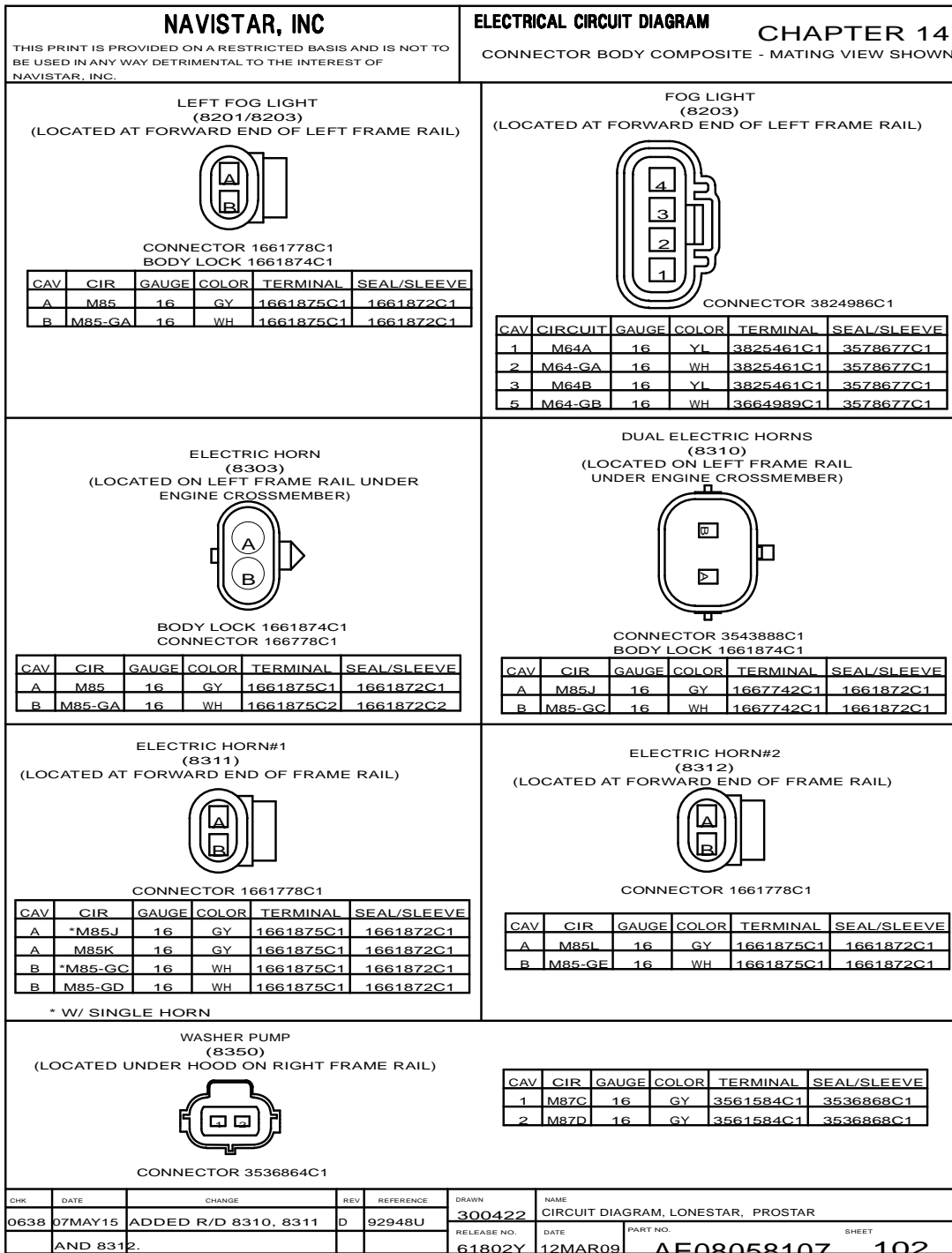


Figure 604 Connector Body Composite (8201), (8203), (8303), (8310), (8311), (8312), (8350)

14.186. INTENTIONALLY LEFT BLANK, P. 103

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INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0488	20MAY14	GEOMETRY REMOVED.	C	92447S	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
					RELEASE NO.	DATE	PART NO.
					61802Y	12MAR09	AE08058107
						SHEET	103

Figure 605 Intentionally Left Blank

14.187. CONNECTOR BODY COMPOSITE (8351), (8352), (8410), (8450), (8450B), P. 104

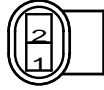

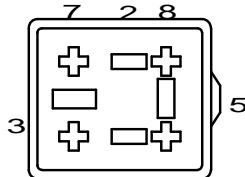
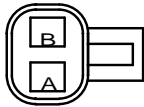
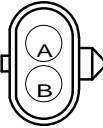
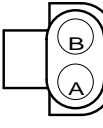
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WASHER FLUID LEVEL SENSOR (8351) (LOCATED UNDER HOOD ON RIGHT FRAME RAIL)																																																																																			
CONNECTOR 3554317C1						WASHER PUMP (8352)																																																																													
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CONNECTOR 3522068C1						BODY LOCK 1661874C1																																																																													
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9	PLUG	-	-	3664989C1	-																																																																														
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CONNECTOR 3664985C1						HOOD SWITCH (8450) (LOCATED ON UNDERSIDE OF HOOD)																																																																													
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CONNECTOR 1671610C1						BODY LOCK 1671608C1																																																																													
START / STOP HOOD SWITCH INTERCONNECT JUMPER HARNESS JUMPER (REFERENCE 3915384C91)																																																																																			
(8450A)- JUMPER TO FWD CHS (8450A)- START / STOP HOOD SWITCH FWD CHASSIS HARNESS (LOCATED IN ENGINE)						(8450B)- JUMPER HARNESS TO HOOD SWITCH																																																																													
																																																																																			
CONNECTOR 0587567C91						CONNECTOR 0587568C91																																																																													
SEAL-1652325C1						SEAL-1652325C1																																																																													
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Figure 606 Connector Body Composite (8351), (8352), (8410), (8450), (8450B)

14.188. CONNECTOR BODY COMPOSITE (8450B), (8451), (8453), (8454), (8455), (8456), (8456A), (8500), P. 105

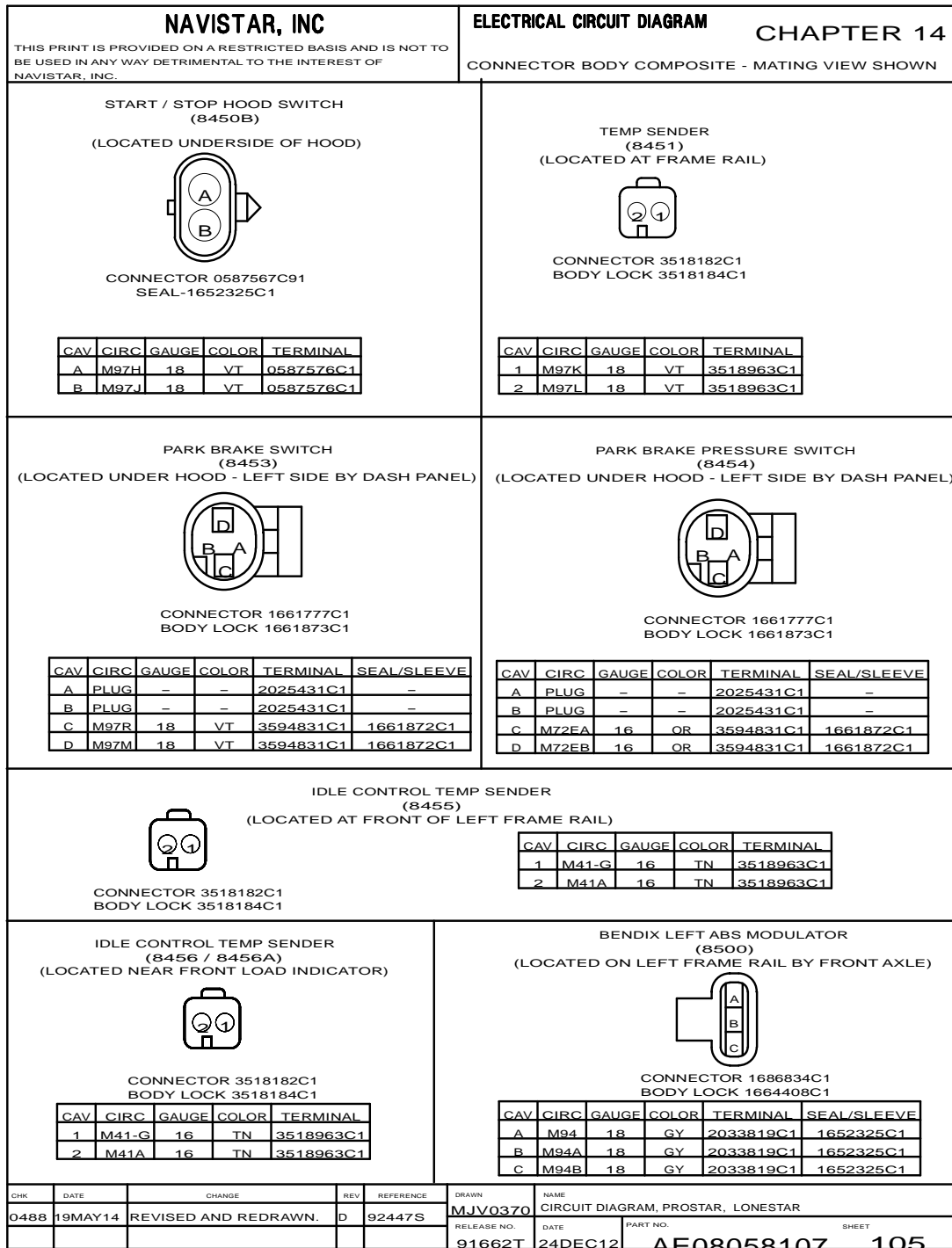


Figure 607 Connector Body Composite (8450B), (8451), (8453), (8454), (8455), (8456), (8456A), (8500)

14.189. CONNECTOR BODY COMPOSITE (8500), (8501), (8502), (8503), (8504), (8504B), (8504C), (8504D), P. 106

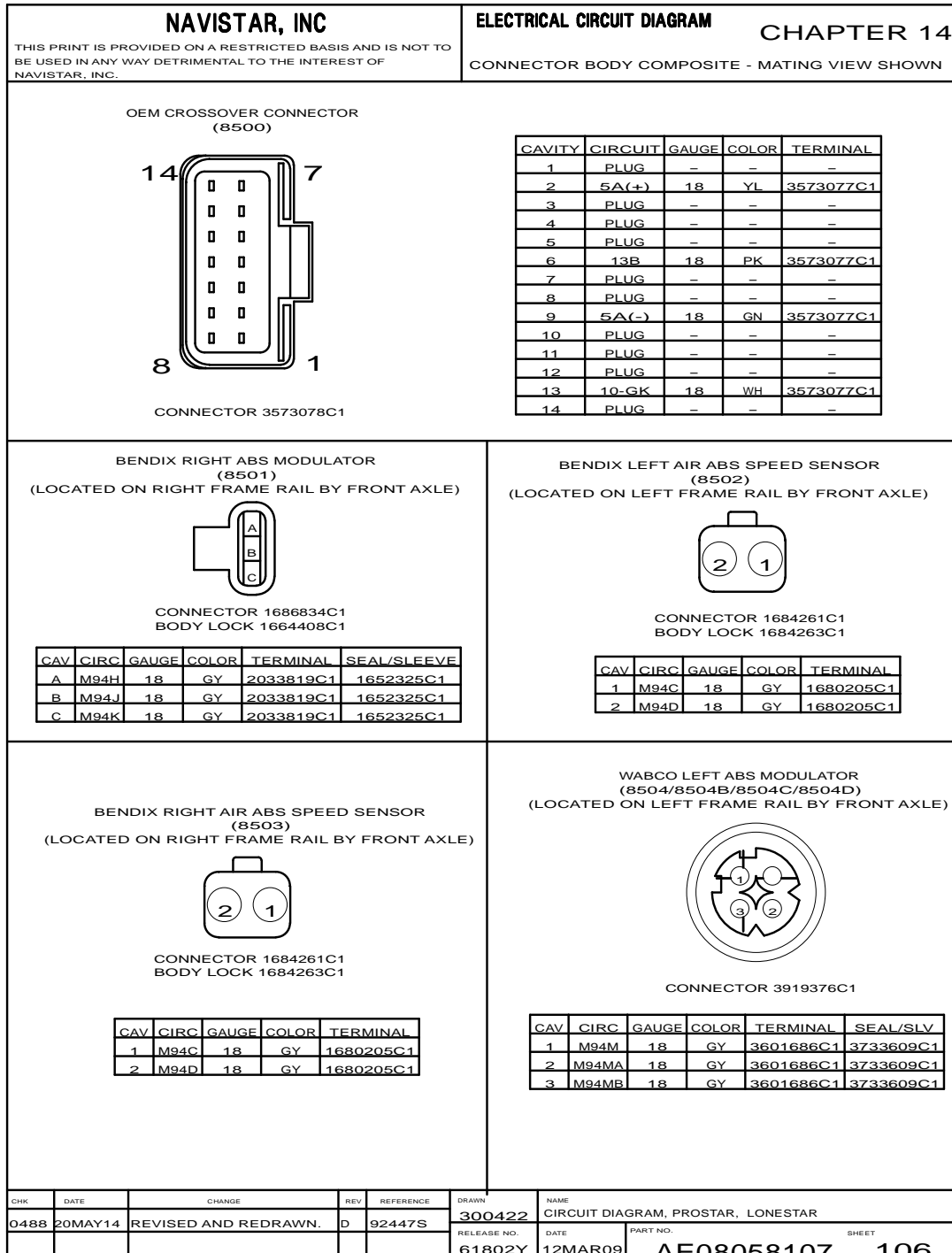


Figure 608 Connector Body Composite (8500), (8501), (8502), (8503), (8504), (8504B), (8504C), (8504D)

14.190. CONNECTOR BODY COMPOSITE (8505), (8505B), (8506), (8507), (8507A), (8507B), P. 107

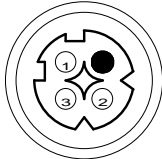
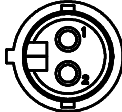

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 14</b>																									
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<p>WABCO RIGHT ABS MODULATOR (8505/8505B) (LOCATED ON RIGHT FRAME RAIL BY FRONT AXLE)</p>  <p>CONNECTOR 3919376C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94MH</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>2</td> <td>M94MJ</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>3</td> <td>M94MK</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3733609C1</td> </tr> </tbody> </table>								CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLV	1	M94MH	18	GY	3601686C1	3733609C1	2	M94MJ	18	GY	3601686C1	3733609C1	3	M94MK	18	GY	3601686C1	3733609C1
CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLV																										
1	M94MH	18	GY	3601686C1	3733609C1																										
2	M94MJ	18	GY	3601686C1	3733609C1																										
3	M94MK	18	GY	3601686C1	3733609C1																										
<p>WABCO LEFT ABS SPEED SENSOR (8506) (LOCATED ON LEFT FRAME RAIL BY FRONT AXLE)</p>  <p>CONNECTOR 6111844C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94MC</td> <td>18</td> <td>GY</td> <td>6111842C1</td> <td>6111843C1</td> </tr> <tr> <td>2</td> <td>M94MD</td> <td>18</td> <td>GY</td> <td>6111842C1</td> <td>6111843C1</td> </tr> </tbody> </table>								CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLV	1	M94MC	18	GY	6111842C1	6111843C1	2	M94MD	18	GY	6111842C1	6111843C1						
CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLV																										
1	M94MC	18	GY	6111842C1	6111843C1																										
2	M94MD	18	GY	6111842C1	6111843C1																										
<p>WABCO RIGHT ABS SPEED SENSOR (8507/8507A/8507B) (LOCATED ON RIGHT FRAME RAIL BY FRONT AXLE)</p>  <p>CONNECTOR 6111844C1</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94ME</td> <td>18</td> <td>GY</td> <td>6111842C1</td> <td>6111843C1</td> </tr> <tr> <td>2</td> <td>M94MF</td> <td>18</td> <td>GY</td> <td>6111842C1</td> <td>6111843C1</td> </tr> </tbody> </table>								CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLV	1	M94ME	18	GY	6111842C1	6111843C1	2	M94MF	18	GY	6111842C1	6111843C1						
CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLV																										
1	M94ME	18	GY	6111842C1	6111843C1																										
2	M94MF	18	GY	6111842C1	6111843C1																										
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																									
0488	20MAY14	REVISED AND REDRAWN.	C	92447S	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																									
					RELEASE NO.	DATE	PART NO.																								
					61802Y	12MAR09	AE08058107																								
						SHEET	107																								

Figure 609 Connector Body Composite (8505), (8505B), (8506), (8507), (8507A), (8507B)

14.191. CONNECTOR BODY COMPOSITE (8500), (8501), (8502), (8503), (8504), (8504B), (8504C), (8504D), P. 108

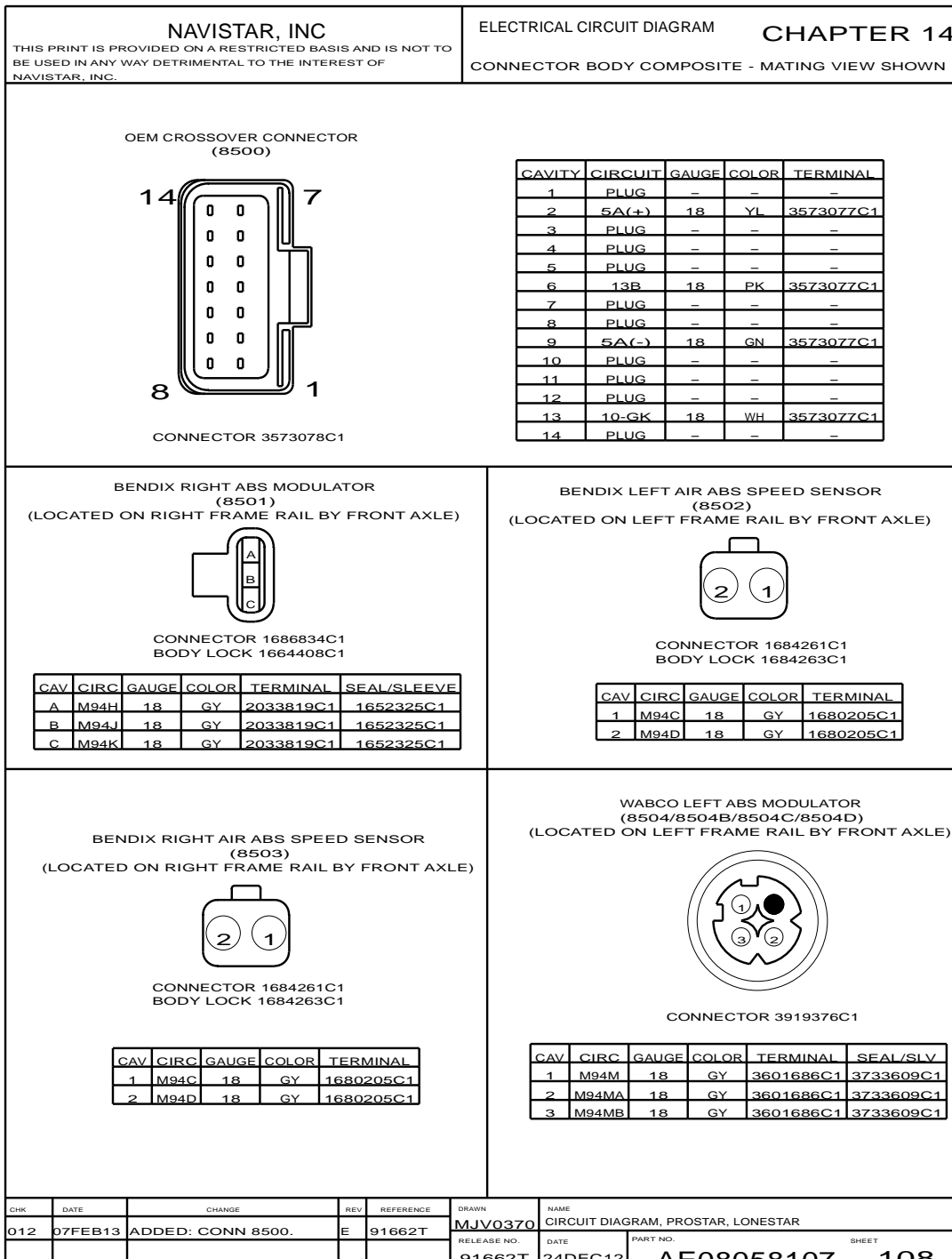


Figure 610 Connector Body Composite (8500), (8501), (8502), (8503), (8504), (8504B), (8504C), (8504D)



14.192. CONNECTOR BODY COMPOSITE (8800), (8802), (8803), (8804), (8805), (8806), (8900), P. 109

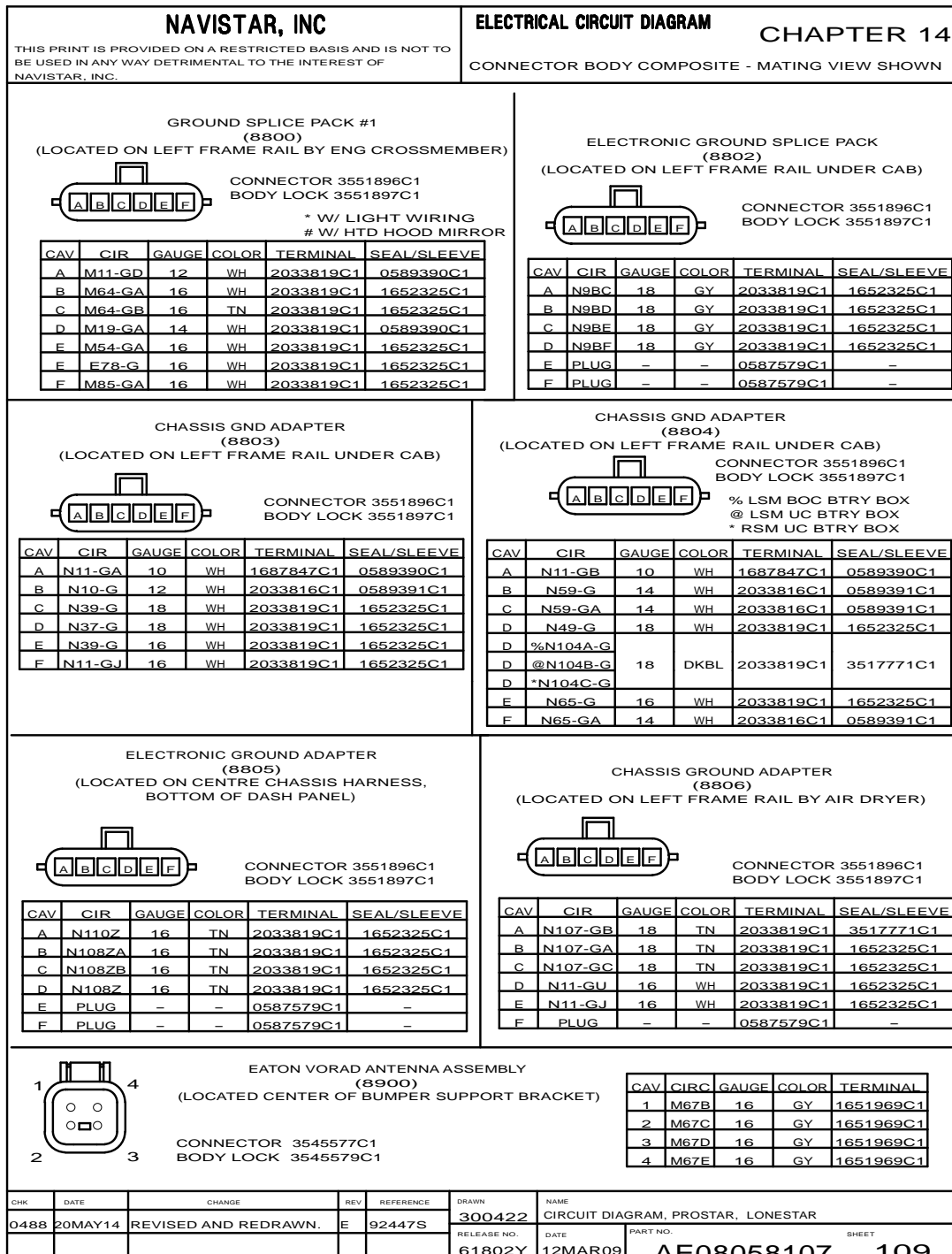


Figure 611 Connector Body Composite (8800), (8802), (8803), (8804), (8805), (8806), (8900)

14.193. CONNECTOR BODY COMPOSITE (8901), (8902), (8903), (8904), P. 110


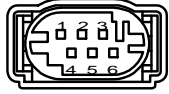
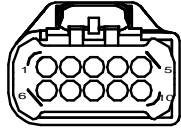
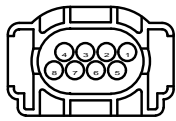
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<p>EATON VORAD VS - 400 FORWARD RADAR (8901) (LOCATED ON FRONT CROSSMEMBER)</p>  <p>CONNECTOR 3673402C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>PLUG</td><td>-</td><td>-</td><td>3577744C1</td><td>-</td></tr> <tr><td>2</td><td>PLUG</td><td>-</td><td>-</td><td>3577744C1</td><td>-</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>3577744C1</td><td>-</td></tr> <tr><td>4</td><td>M5UE(+)</td><td>18</td><td>YL</td><td>3673404C1</td><td>3573653C1</td></tr> <tr><td>5</td><td>M5UE(-)</td><td>18</td><td>GN</td><td>3673404C1</td><td>3573653C1</td></tr> <tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>3577744C1</td><td>-</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>3577744C1</td><td>-</td></tr> <tr><td>8</td><td>PLUG</td><td>-</td><td>-</td><td>3577744C1</td><td>-</td></tr> <tr><td>9</td><td>M67-GY</td><td>18</td><td>WH</td><td>3673404C1</td><td>3573653C1</td></tr> <tr><td>10</td><td>M67Y</td><td>18</td><td>PK</td><td>3673404C1</td><td>3573653C1</td></tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	PLUG	-	-	3577744C1	-	2	PLUG	-	-	3577744C1	-	3	PLUG	-	-	3577744C1	-	4	M5UE(+)	18	YL	3673404C1	3573653C1	5	M5UE(-)	18	GN	3673404C1	3573653C1	6	PLUG	-	-	3577744C1	-	7	PLUG	-	-	3577744C1	-	8	PLUG	-	-	3577744C1	-	9	M67-GY	18	WH	3673404C1	3573653C1	10	M67Y	18	PK	3673404C1	3573653C1												
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6	PLUG	-	-	3577744C1	-																																																																																
7	PLUG	-	-	3577744C1	-																																																																																
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10	M67Y	18	PK	3673404C1	3573653C1																																																																																
<p>WABCO RADAR (8902)</p>  <p>CONNECTOR 3702847C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr><td>1</td><td>M67CA</td><td>20</td><td>PK</td><td>3702881C1</td></tr> <tr><td>2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>M5UF(+)</td><td>20</td><td>YL</td><td>3702881C1</td></tr> <tr><td>5</td><td>M5UF(-)</td><td>20</td><td>LT GN</td><td>3702881C1</td></tr> <tr><td>6</td><td>M67-GA</td><td>20</td><td>WH</td><td>3702881C1</td></tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	1	M67CA	20	PK	3702881C1	2	-	-	-	-	3	-	-	-	-	4	M5UF(+)	20	YL	3702881C1	5	M5UF(-)	20	LT GN	3702881C1	6	M67-GA	20	WH	3702881C1																																											
CAV	CIRC	GAUGE	COLOR	TERMINAL																																																																																	
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2	-	-	-	-																																																																																	
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5	M5UF(-)	20	LT GN	3702881C1																																																																																	
6	M67-GA	20	WH	3702881C1																																																																																	
<p>BENDIX WINGMAN (8903)</p>  <p>CONNECTOR 6111813C1</p> <p>% W/ BENDIX WINGMAN # W/ BENDIX WINGMAN W/ SMARTWAVE TPMS 2010 * W/ BENDIX FUSION</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>%1</td><td>M5B(+)</td><td>20</td><td>YL</td><td>3987168C1</td><td>3987169C1</td></tr> <tr><td>#1</td><td>M5B(+)</td><td>20</td><td>YL</td><td>3987168C1</td><td>3987169C1</td></tr> <tr><td>2</td><td>A5UE(+)</td><td>18</td><td>YL</td><td>3987168C1</td><td>4062195C1</td></tr> <tr><td>3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>M67-GA</td><td>20</td><td>WH</td><td>3987168C1</td><td>3987169C1</td></tr> <tr><td>%6</td><td>M5B(-)</td><td>20</td><td>LT GN</td><td>3987168C1</td><td>3987169C1</td></tr> <tr><td>#6</td><td>M5B(-)</td><td>20</td><td>LT GN</td><td>3987168C1</td><td>3987169C1</td></tr> <tr><td>7</td><td>A5UE(-)</td><td>18</td><td>GN</td><td>3987168C1</td><td>4062195C1</td></tr> <tr><td>8</td><td>M67AA</td><td>20</td><td>PK</td><td>3987168C1</td><td>3987169C1</td></tr> <tr><td>9</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>10</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	%1	M5B(+)	20	YL	3987168C1	3987169C1	#1	M5B(+)	20	YL	3987168C1	3987169C1	2	A5UE(+)	18	YL	3987168C1	4062195C1	3	PLUG	-	-	-	-	4	PLUG	-	-	-	-	5	M67-GA	20	WH	3987168C1	3987169C1	%6	M5B(-)	20	LT GN	3987168C1	3987169C1	#6	M5B(-)	20	LT GN	3987168C1	3987169C1	7	A5UE(-)	18	GN	3987168C1	4062195C1	8	M67AA	20	PK	3987168C1	3987169C1	9	PLUG	-	-	-	-	10	PLUG	-	-	-	-
CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																
%1	M5B(+)	20	YL	3987168C1	3987169C1																																																																																
#1	M5B(+)	20	YL	3987168C1	3987169C1																																																																																
2	A5UE(+)	18	YL	3987168C1	4062195C1																																																																																
3	PLUG	-	-	-	-																																																																																
4	PLUG	-	-	-	-																																																																																
5	M67-GA	20	WH	3987168C1	3987169C1																																																																																
%6	M5B(-)	20	LT GN	3987168C1	3987169C1																																																																																
#6	M5B(-)	20	LT GN	3987168C1	3987169C1																																																																																
7	A5UE(-)	18	GN	3987168C1	4062195C1																																																																																
8	M67AA	20	PK	3987168C1	3987169C1																																																																																
9	PLUG	-	-	-	-																																																																																
10	PLUG	-	-	-	-																																																																																
<p>SUNSHADE (8904)</p>  <p>CONNECTOR 3852527C1</p>				<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr><td>1</td><td>M67YB</td><td>20</td><td>PK</td><td>3702881C1</td><td>3600327C1</td></tr> <tr><td>2</td><td>M67YC</td><td>20</td><td>PK</td><td>3702881C1</td><td>3600327C1</td></tr> <tr><td>3</td><td>M5UF(+)</td><td>20</td><td>YL</td><td>3702881C1</td><td>3600327C1</td></tr> <tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>6</td><td>M5UF(-)</td><td>20</td><td>GN</td><td>3702881C1</td><td>3600327C1</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>M67-G</td><td>20</td><td>WH</td><td>3702881C1</td><td>3600327C1</td></tr> </tbody> </table>				CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	1	M67YB	20	PK	3702881C1	3600327C1	2	M67YC	20	PK	3702881C1	3600327C1	3	M5UF(+)	20	YL	3702881C1	3600327C1	4	PLUG	-	-	-	-	5	PLUG	-	-	-	-	6	M5UF(-)	20	GN	3702881C1	3600327C1	7	PLUG	-	-	-	-	8	M67-G	20	WH	3702881C1	3600327C1																								
CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																																
1	M67YB	20	PK	3702881C1	3600327C1																																																																																
2	M67YC	20	PK	3702881C1	3600327C1																																																																																
3	M5UF(+)	20	YL	3702881C1	3600327C1																																																																																
4	PLUG	-	-	-	-																																																																																
5	PLUG	-	-	-	-																																																																																
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7	PLUG	-	-	-	-																																																																																
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																															
0488	14AUG15	ADDED R/D 8904. MOVED	F	93156B	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																																																															
R/D 8950.					RELEASE NO.	DATE	PART NO.																																																																														
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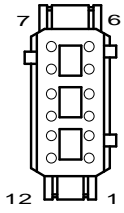
Figure 612 Connector Body Composite (8901), (8902), (8903), (8904)

14.194. CONNECTOR BODY COMPOSITE (8950), (8951), (8952), P. 111

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VEHICLE SENSOR MOD CONNECTOR 1  
(8950)  
(LOCATED ON CAB SUPPORT CROSSMEMBER (DAY CAB)  
OR UNDER CAB CROSSMEMBER (SLEEPER))



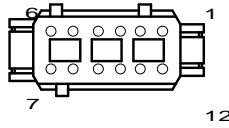
CONNECTOR 3553404C1  
BODY LOCK 3553460C1

CAV	CIRC	GAUGE	COLOR	TERMINAL
1	PLUG	-	-	3527276C1
2	PLUG	-	-	3527276C1
3	PLUG	-	-	3527276C1
4	PLUG	-	-	3527276C1
5	N5UA(+)	18	YL	3518963C1
5*	N5UD(+)	18	YL	3518963C1
6	N5UA(-)	18	GN	3518963C1
6*	N5UD(-)	18	GN	3518963C1
7	N11-GU	16	WH	3518963C1
8	N14U	16	RD	3518963C1
9**	N12UB	16	PK	3518963C1
9	N12U	16	PK	3518963C1
10	N108Z	16	TN	3518963C1
11	N108V	16	TN	3518963C1
12	N110B	18	TN	3518963C1

\* W/ VORAD VS-400 (LONESTAR)  
\*\* W/ FUEL FILTER SENSOR (LONESTAR)

VEHICLE SENSOR MOD CONNECTOR 1  
(8951)  
(LOCATED ON CAB SUPPORT CROSSMEMBER (DAY CAB)  
OR UNDER CAB CROSSMEMBER (SLEEPER))

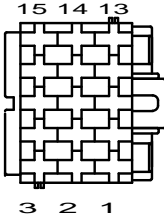


CONNECTOR 3586750C1  
BODY LOCK 3553460C1

CAV	CIRC	GAUGE	COLOR	TERMINAL
1	N107C	18	TN	3518963C1
2	N107B	18	TN	3518963C1
3	N107A	18	TN	3518963C1
4	PLUG	-	-	3527276C1
5	N108A	18	TN	3518963C1
6	N108B	18	TN	3518963C1
7	N108C	18	TN	3518963C1
8	N108D	18	TN	3518963C1
9	N108E	18	TN	3518963C1
10	N108F	18	TN	3518963C1
11	PLUG	-	-	3527276C1
12	PLUG	-	-	3527276C1

TIRE PRESSURE MONITORING  
SYSTEM (TPMS) CONTROLLER  
(8952)  
(LOCATED ON MODULE BRACKET (IN CAM))



BODY LOCK 3596928C1

CAV	CIRC	GAUGE	COLOR	TERMINAL
1	D22-G	18	WH	3598072C1
2	D22E	18	TN	3598072C1
3	D22D	18	TN	3598072C1
4	D22C	18	TN	3598072C1
5	D22B	18	TN	3598072C1
6	D22A	18	TN	3598072C1
7	D22VC	18	TN	3598072C1
8	D22VB	18	TN	3598072C1
9	D22VA	18	TN	3598072C1
10	D22ZA	18	TN	3598072C1
11	D22ZB	18	TN	3598072C1
12	D22ZC	18	TN	3598072C1
13	D5 (+)	18	GN	3598072C1
14	-	-	-	-
15	D5 (-)	18	YL	3598072C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0488	14AUG15	ADDED R/D 8950.	F	93156B	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR	
					RELEASE NO.	DATE	PART NO.
					61802Y	29APR09	AE08058107
							SHEET 111

Figure 613 Connector Body Composite (8950), (8951), (8952)

14.195. CONNECTOR BODY COMPOSITE (8953F), (8953M), (8954), (8954M), (8956), P. 112

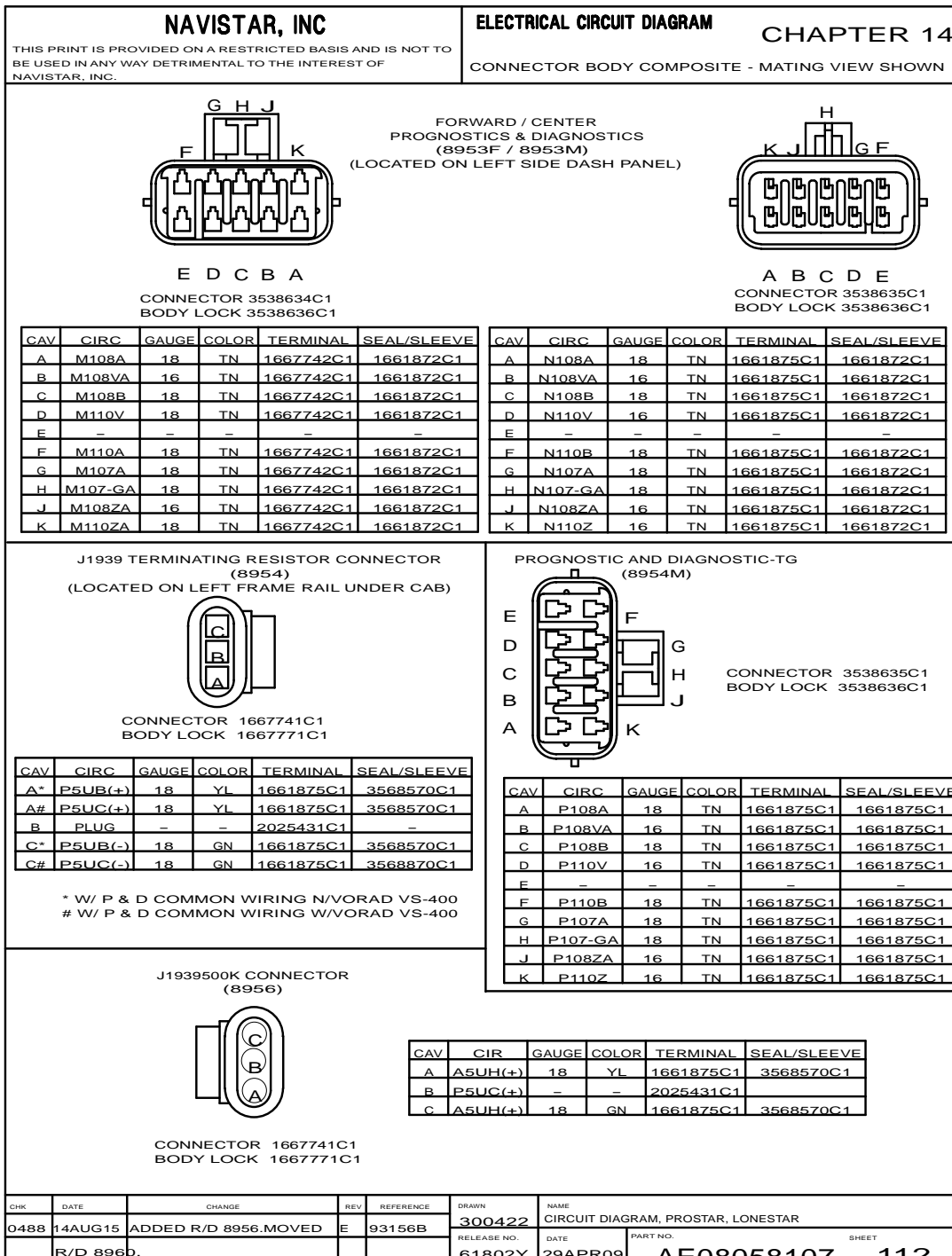


Figure 614 Connector Body Composite (8953F), (8953M), (8954), (8954M), (8956)

14.196. CONNECTOR BODY COMPOSITE (8961), (8962), (8963), (8964), (8965), (8966), (8967), P. 113

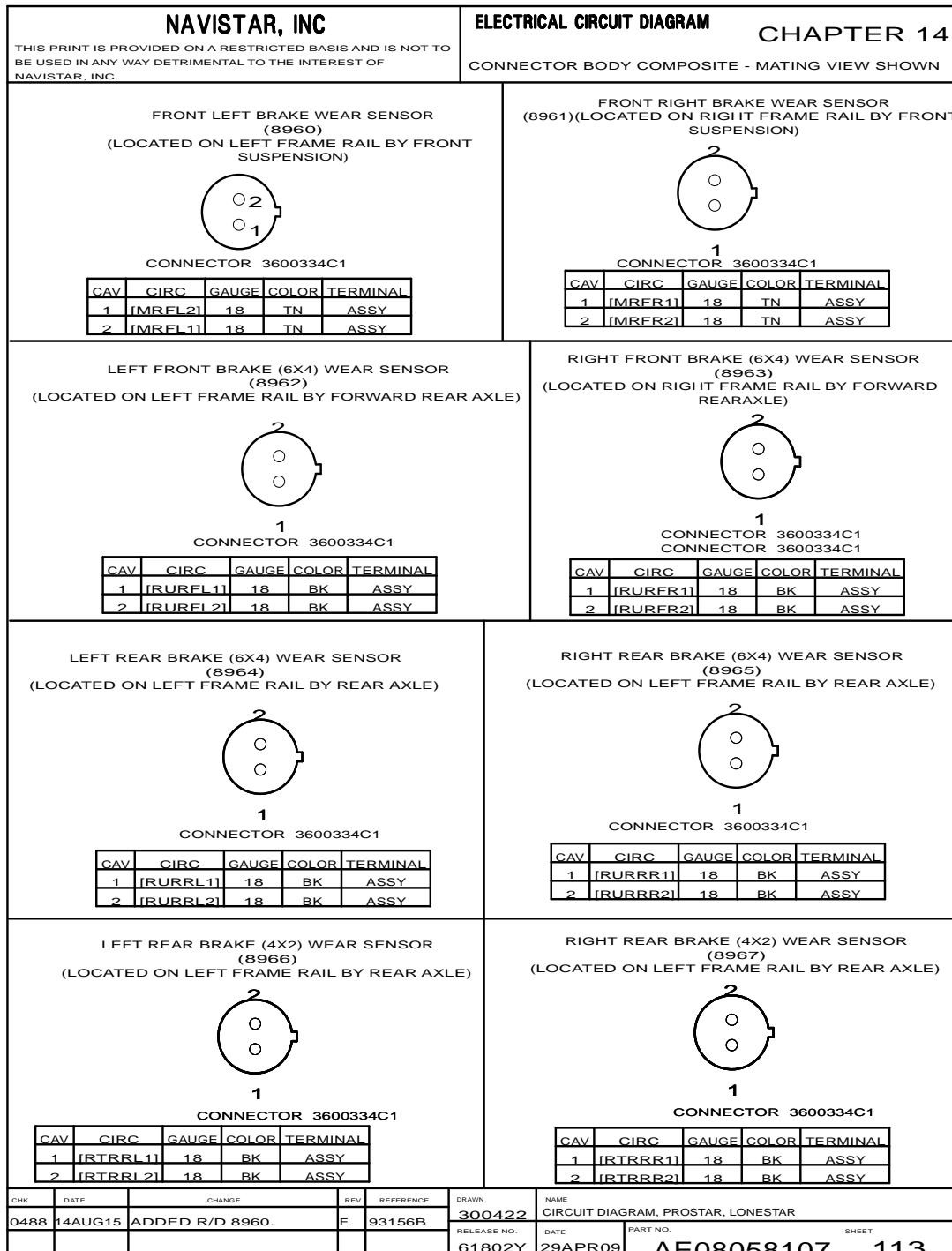


Figure 615 Connector Body Composite (8961), (8962), (8963), (8964), (8965), (8966), (8967)

14.197. CONNECTOR BODY COMPOSITE (8970), (8971), (8972), (8973), P. 114

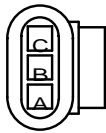



<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>				<b>CHAPTER 14</b>																																			
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<p><b>FRONT LEFT BRAKE STROKE (8970)</b> (LOCATED ON LEFT FRAME RAIL BY FRONT AXLE)</p> 																																											
<p>CONNECTOR 1667741C1 BODY LOCK 1667771C1</p>																																											
			<table border="1" style="font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLEEVE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M108VD</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M108ZD</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>M108A</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table>			CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M108VD	18	TN	1661875C1	1661872C1	B	M108ZD	18	TN	1661875C1	1661872C1	C	M108A	18	TN	1661875C1	1661872C1														
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C	M108A	18	TN	1661875C1	1661872C1																																						
<p><b>FRONT RIGHT BRAKE STROKE (8971)</b> (LOCATED ON RIGHT FRAME RAIL BY FRONT AXLE)</p> 																																											
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B	R108ZE	18	TN	1661875C1	1661872C1																																						
C	R108E	18	TN	1661875C1	1661872C1																																						
<p><b>RIGHT FR BRAKE STROKE(6X4) (8973)</b> (LOCATED ON RIGHT FRAME RAIL BY FORWARD REAR AXLE)</p> 																																											
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C	R108F	18	TN	1661875C1	1661872C1																																						
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					61802Y	12MAR09	AE08058107	114																																			

Figure 616 Connector Body Composite (8970), (8971), (8972), (8973)

14.198. CONNECTOR BODY COMPOSITE (8974), (8975), (8976), (8977), (8980), (8980A), (8981), P. 115

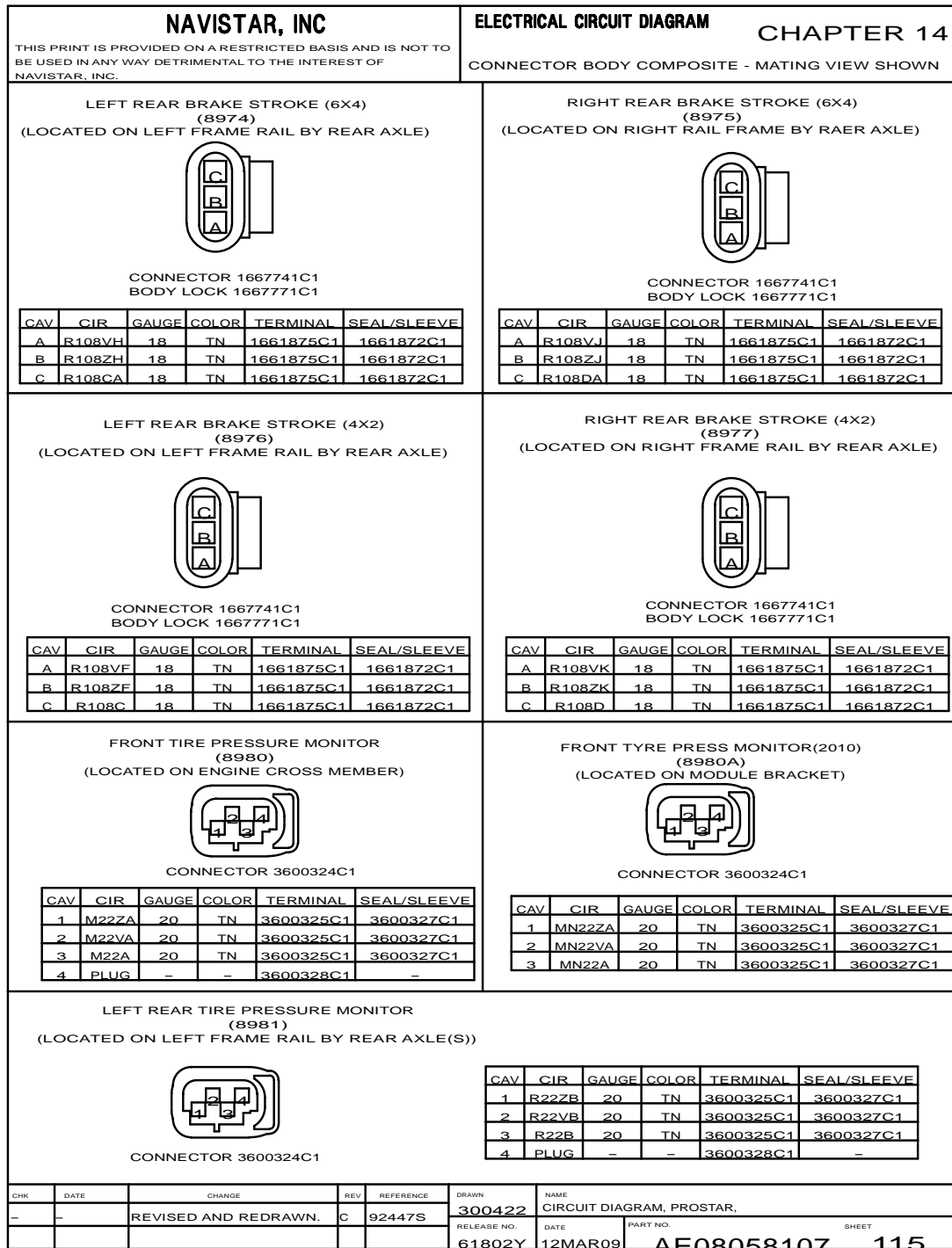


Figure 617 Connector Body Composite (8974), (8975), (8976), (8977), (8980), (8980A), (8981)

14.199. CONNECTOR BODY COMPOSITE (8982), (8983), (8984), (8993F), (8993G), P. 116

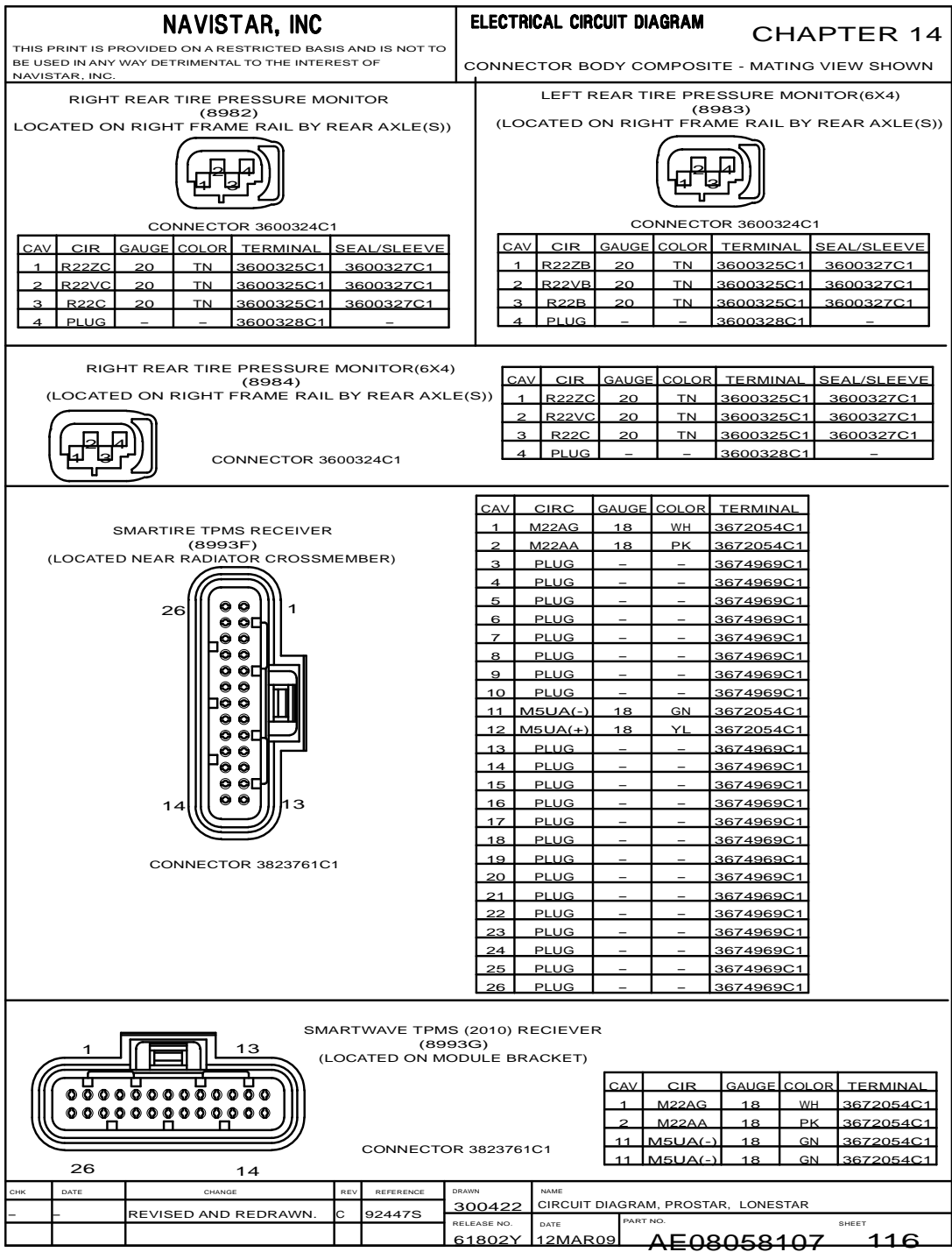


Figure 618 Connector Body Composite (8982), (8983), (8984), (8993F), (8993G)



14.200. CONNECTOR BODY COMPOSITE (9103A), (9253), (9260), (9303), (9303A), (9303B), (9303C), (9303D), P. 117

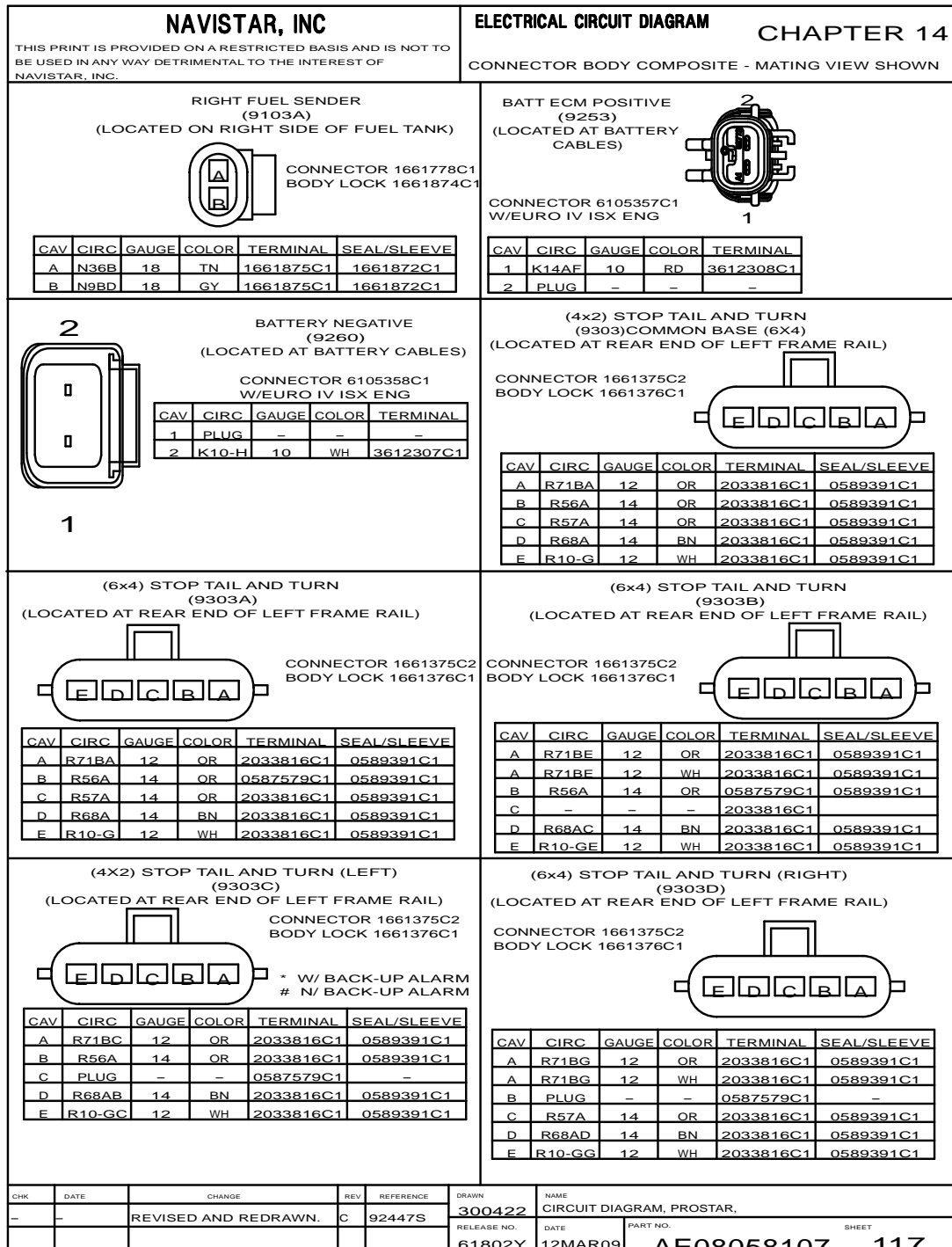


Figure 619 Connector Body Composite (9103A), (9253), (9260), (9303), (9303A), (9303B), (9303C), (9303D)

14.201. CONNECTOR BODY COMPOSITE (9303E), (9303F), (9303G), (9303K), (9303L), (9303M), P. 118

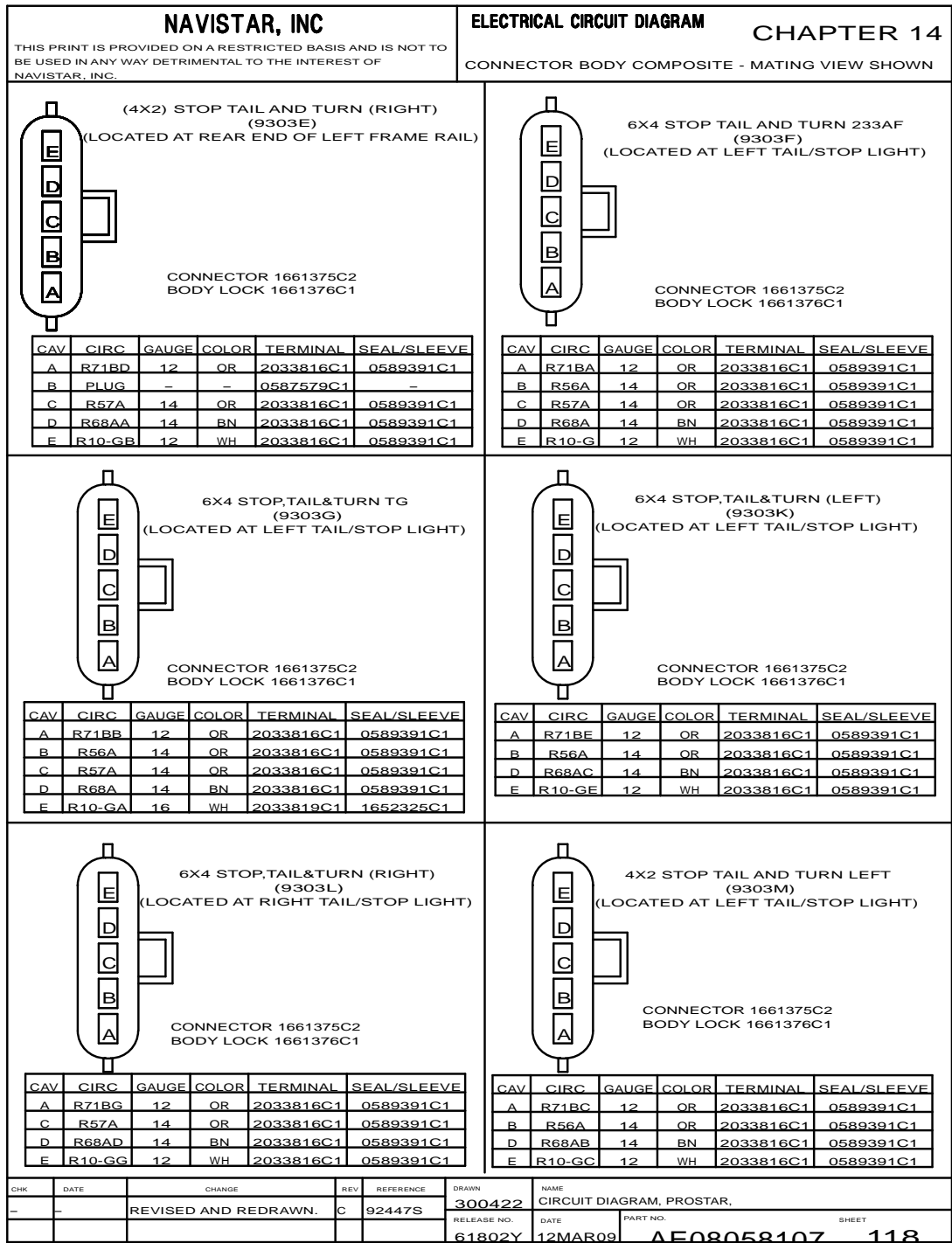


Figure 620 Connector Body Composite (9303E), (9303F), (9303G), (9303K), (9303L), (9303M)

14.202. CONNECTOR BODY COMPOSITE (9304A), (9305), (9305A), (9306), P. 119

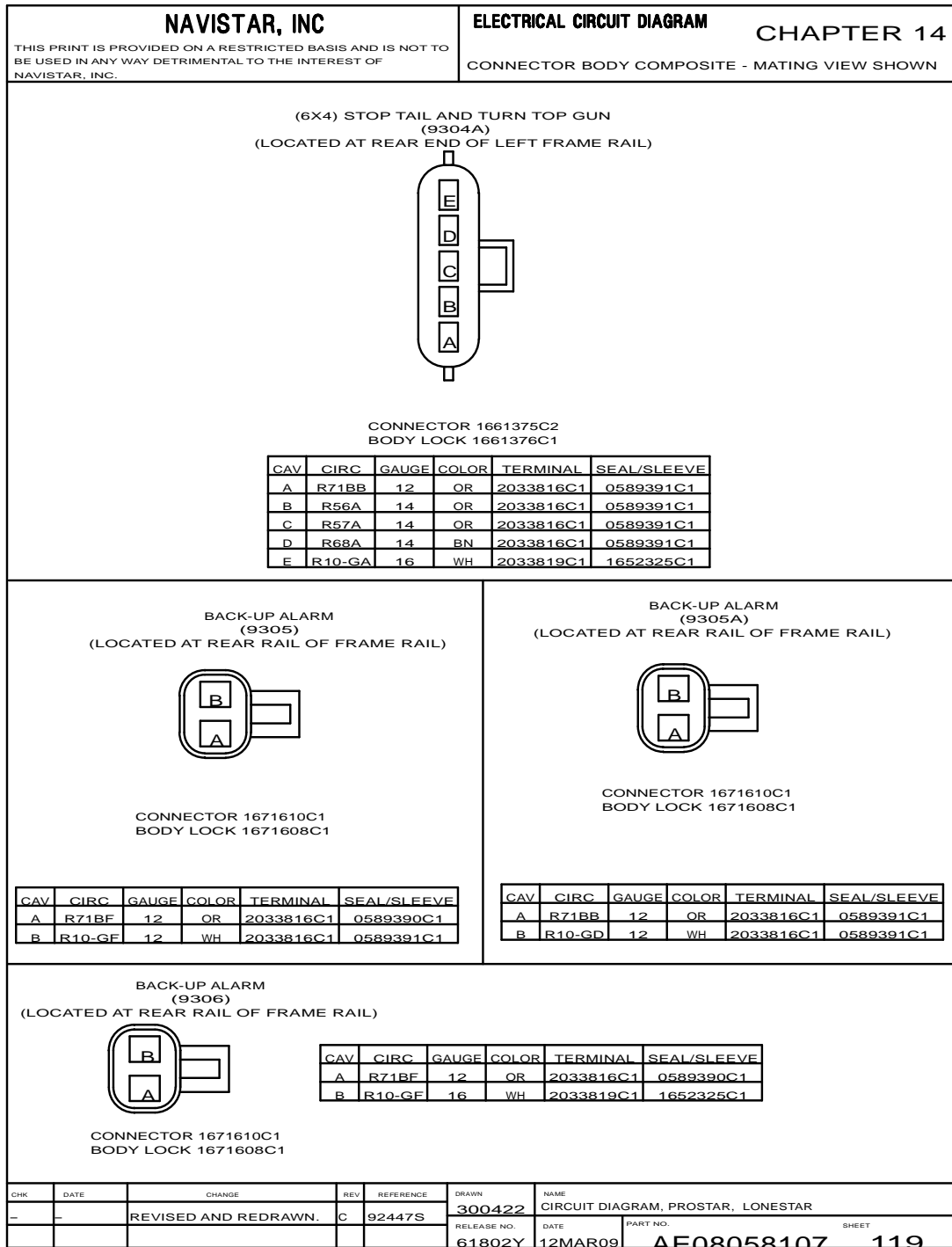


Figure 621 Connector Body Composite (9304A), (9305), (9305A), (9306)

14.203. CONNECTOR BODY COMPOSITE (9501), (9501D), (9501E), (9502), (9502A), (9502B), (9502C), (9502D), (9502E), (9502F), P. 120

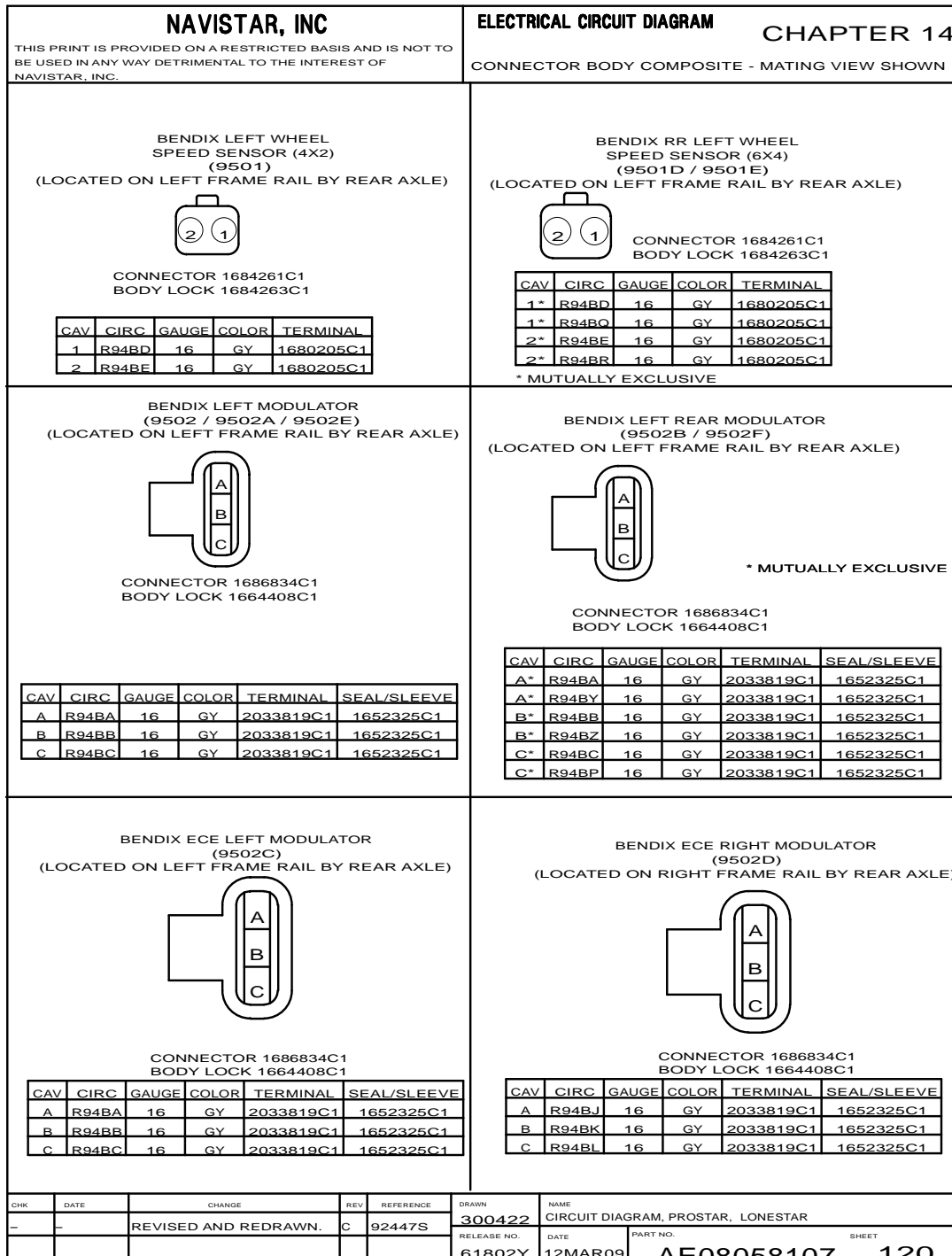


Figure 622 Connector Body Composite (9501), (9501D), (9501E), (9502), (9502A), (9502B), (9502C), (9502D), (9502E), (9502F)

14.204. CONNECTOR BODY COMPOSITE (9503), (9503D), (9503E), (9504), (9504A), (9504B), (9504C), (9504D), P. 121

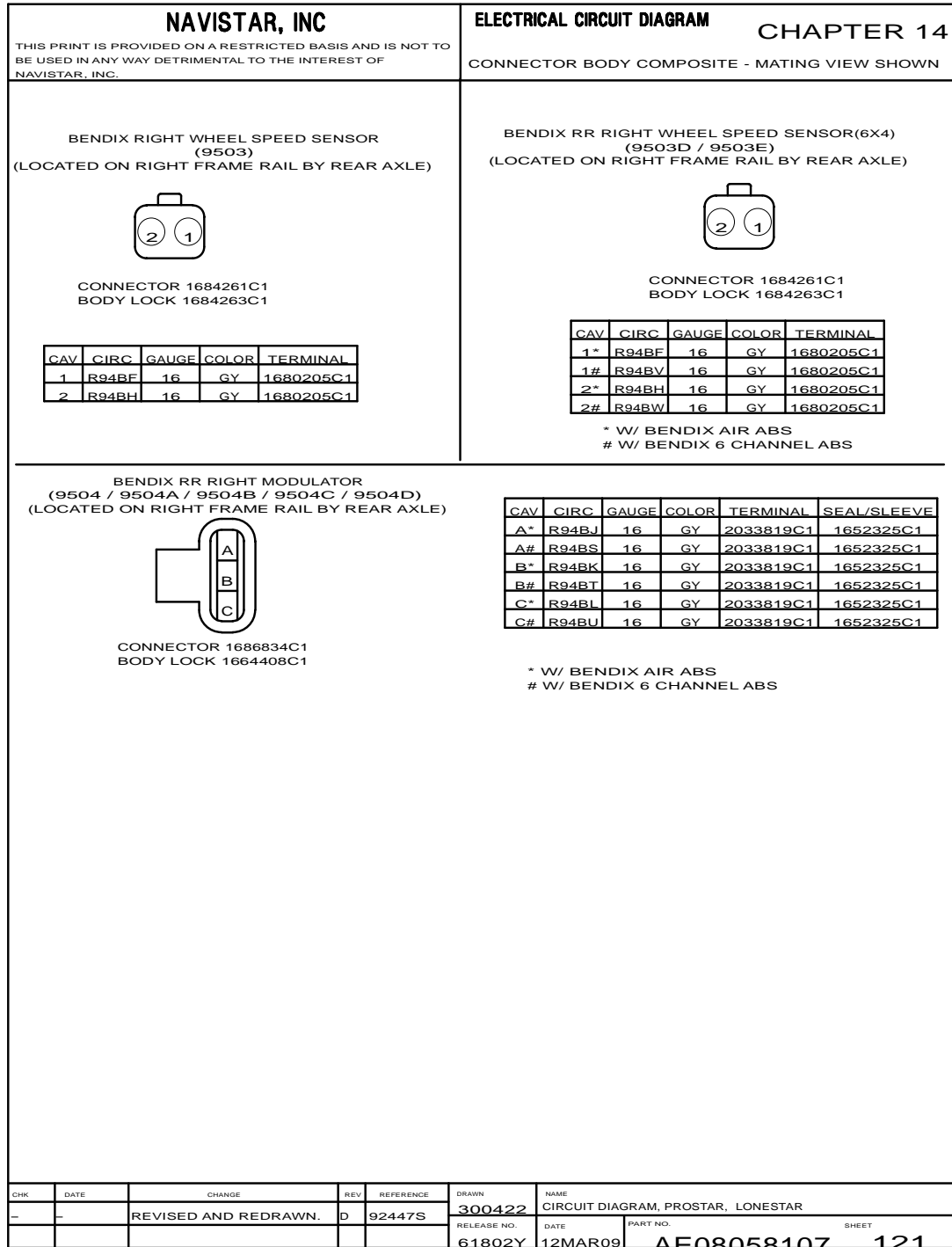


Figure 623 Connector Body Composite (9503), (9503D), (9503E), (9504), (9504A), (9504B), (9504C), (9504D)

14.205. CONNECTOR BODY COMPOSITE (9505), (9505A), (9505D), (9506), (9506D), (9506E), P. 122

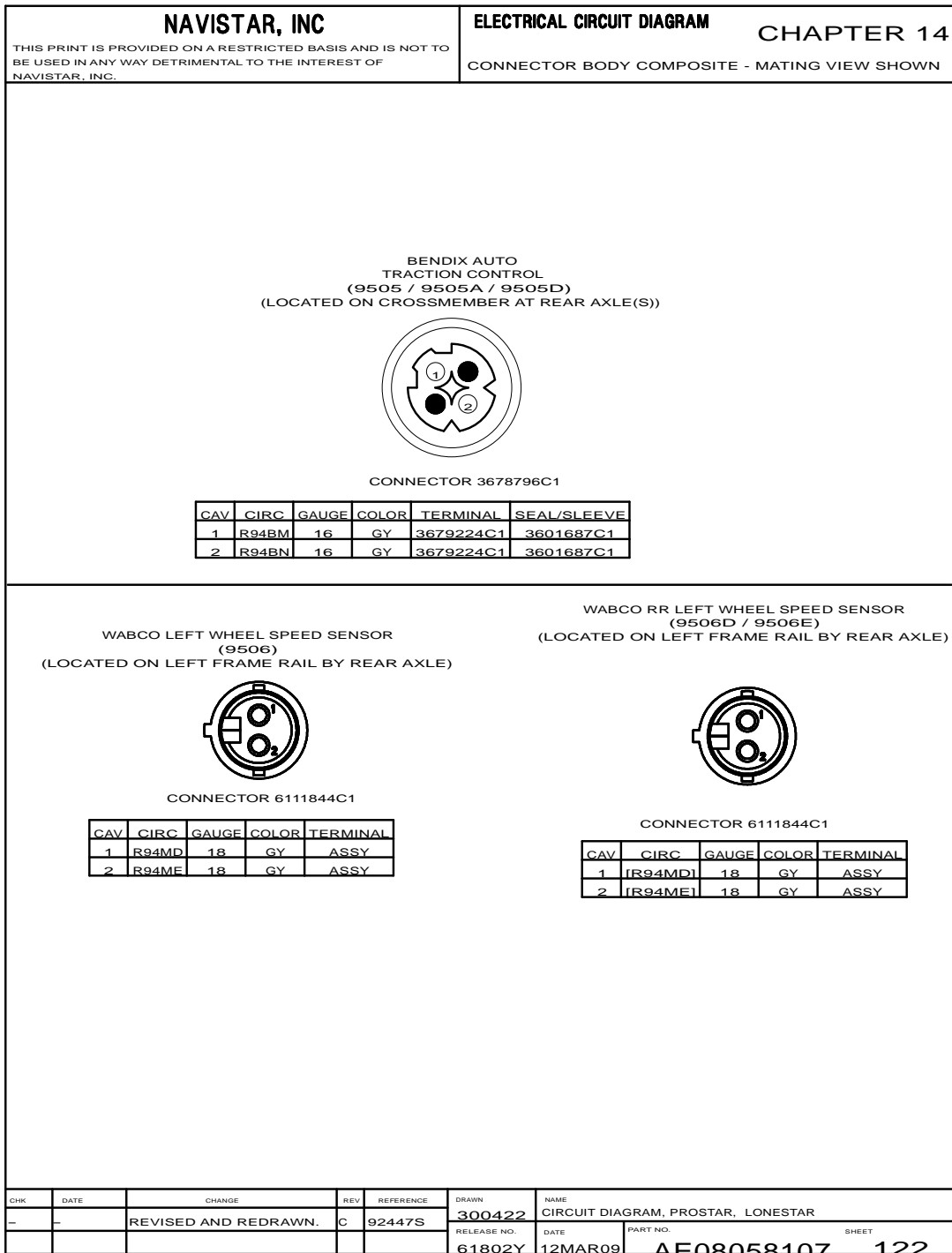


Figure 624 Connector Body Composite (9505), (9505A), (9505D), (9506), (9506D), (9506E)

14.206. CONNECTOR BODY COMPOSITE (9506), (9506D), (9506E), (9506F), (9507), (9507A), (9507C), P. 123



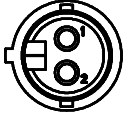
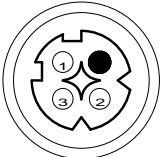
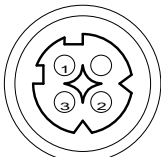
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CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLV																																				
1	M94MD	18	GY	6111842C1	6111843C1																																				
2	M94ME	18	GY	6111842C1	6111843C1																																				
CONNECTOR 6111844C1																																									
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CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLV																																				
1	*M94BQA	18	GY	6111842C1	6111843C1																																				
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2	*M94ME	18	GY	6111842C1	6111843C1																																				
CONNECTOR 6111844C1																																									
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3	R94MC	18	GY	ASSY																																					
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					RELEASE NO.	DATE	PART NO.	SHEET																																	
					61802Y	12MAR09	AE08058107	123																																	

Figure 625 Connector Body Composite (9506), (9506D), (9506E), (9506F), (9507), (9507A), (9507C)

14.207. CONNECTOR BODY COMPOSITE (9507A), (9507B), (9507C), (9507K), (9508), P. 124

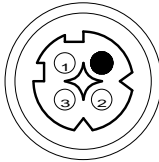
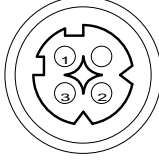
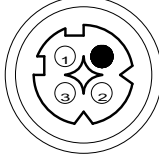
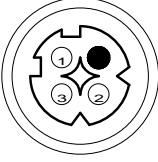

<b>NAVISTAR, INC</b>				<b>ELECTRICAL CIRCUIT DIAGRAM</b>		<b>CHAPTER 14</b>																																											
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN																																													
<p>WABCO LEFT MODULATOR (9507A) (LOCATED ON LEFT FRAME RAIL)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IR94MAI</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>IR94MBI</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>IR94MCI</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 3919376C1</p>								CAV	CIRC	GAUGE	COLOR	TERMINAL	1	IR94MAI	18	GY	ASSY	2	IR94MBI	18	GY	ASSY	3	IR94MCI	18	GY	ASSY																						
CAV	CIRC	GAUGE	COLOR	TERMINAL																																													
1	IR94MAI	18	GY	ASSY																																													
2	IR94MBI	18	GY	ASSY																																													
3	IR94MCI	18	GY	ASSY																																													
<p>WABCO LEFT REAR MODULATOR (6X4 IROS/HTB) (9507B)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> <th>SEAL/SLV</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>*M94MA</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>1</td> <td>*M94BYA</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>2</td> <td>*M94MB</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>2</td> <td>*M94BZA</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>3</td> <td>*M94MC</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3733609C1</td> </tr> <tr> <td>3</td> <td>*M94BPA</td> <td>18</td> <td>GY</td> <td>3601686C1</td> <td>3733609C1</td> </tr> </tbody> </table> <p style="text-align: center;">* MUTUALLY EXCLUSIVE</p> <p style="text-align: center;">CONNECTOR 3919376C1</p>								CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLV	1	*M94MA	18	GY	3601686C1	3733609C1	1	*M94BYA	18	GY	3601686C1	3733609C1	2	*M94MB	18	GY	3601686C1	3733609C1	2	*M94BZA	18	GY	3601686C1	3733609C1	3	*M94MC	18	GY	3601686C1	3733609C1	3	*M94BPA	18	GY	3601686C1	3733609C1
CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLV																																												
1	*M94MA	18	GY	3601686C1	3733609C1																																												
1	*M94BYA	18	GY	3601686C1	3733609C1																																												
2	*M94MB	18	GY	3601686C1	3733609C1																																												
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<p>WABCO LEFT REAR MODULATOR (9507B / 9507K) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IR94MAI</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>IR94MBI</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>IR94MCI</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 3919376C1</p>								CAV	CIRC	GAUGE	COLOR	TERMINAL	1	IR94MAI	18	GY	ASSY	2	IR94MBI	18	GY	ASSY	3	IR94MCI	18	GY	ASSY																						
CAV	CIRC	GAUGE	COLOR	TERMINAL																																													
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2	IR94MBI	18	GY	ASSY																																													
3	IR94MCI	18	GY	ASSY																																													
<p>WABCO LEFT REAR MODULATOR (9507C) (LOCATED ON LEFT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IR94MAI</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>IR94MBI</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>IR94MCI</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 3919376C1</p>								CAV	CIRC	GAUGE	COLOR	TERMINAL	1	IR94MAI	18	GY	ASSY	2	IR94MBI	18	GY	ASSY	3	IR94MCI	18	GY	ASSY																						
CAV	CIRC	GAUGE	COLOR	TERMINAL																																													
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<p>WABCO RIGHT WHEEL SPEED SENSOR (9508) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <table border="1" style="margin-left: auto; margin-right: auto; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94MF</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94MH</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table> <p style="text-align: center;">CONNECTOR 6111844C1</p>								CAV	CIRC	GAUGE	COLOR	TERMINAL	1	R94MF	18	GY	ASSY	2	R94MH	18	GY	ASSY																											
CAV	CIRC	GAUGE	COLOR	TERMINAL																																													
1	R94MF	18	GY	ASSY																																													
2	R94MH	18	GY	ASSY																																													
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																											
-	-	REVISED AND REDRAWN.	D	92447S	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR																																											
					RELEASE NO.	DATE	PART NO.																																										
					61802Y	12MAR09	AE08058107																																										
							SHEET 124																																										

Figure 626 Connector Body Composite (9507A), (9507B), (9507C), (9507K), (9508)



14.208. CONNECTOR BODY COMPOSITE (9508), (9508D), (9508E), (9508F), (9509), (9509A), (9509C), P. 125

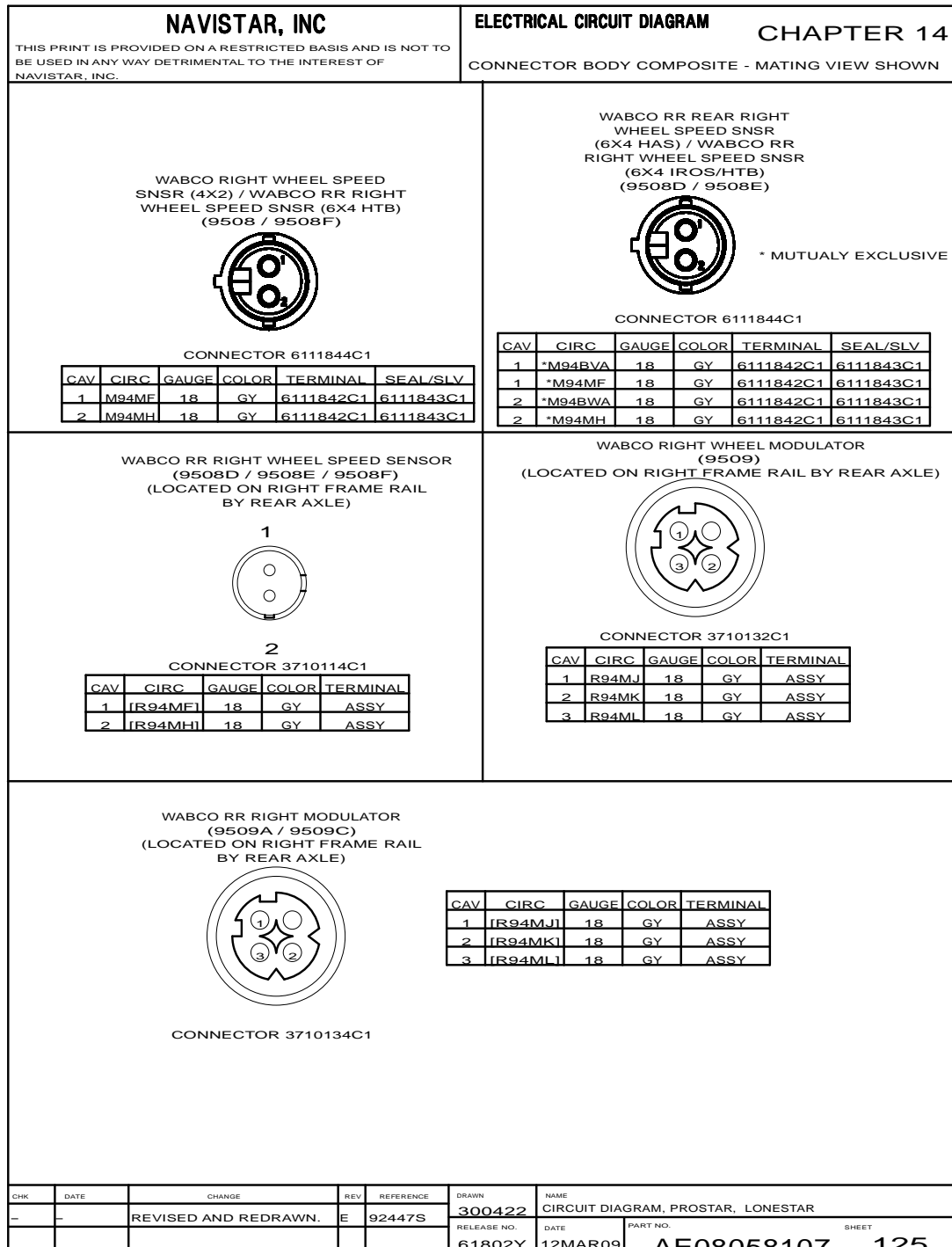


Figure 627 Connector Body Composite (9508), (9508D), (9508E), (9508F), (9509), (9509A), (9509C)

14.209. CONNECTOR BODY COMPOSITE (9509B), (9509P), (9510), (9510A), P. 126

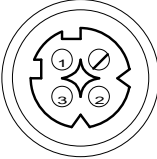
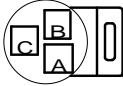
<p style="text-align: center;"><b>NAVISTAR, INC</b></p> <p style="font-size: small;">THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.</p>	<p style="text-align: center;"><b>ELECTRICAL CIRCUIT DIAGRAM</b></p> <p style="text-align: right;"><b>CHAPTER 14</b></p> <p style="text-align: center;">CONNECTOR BODY COMPOSITE - MATING VIEW SHOWN</p>																				
<p>WABCO RR RIGHT MODULATOR (9509B / 9509P) (LOCATED ON RIGHT FRAME RAIL BY REAR AXLE)</p>  <p>CONNECTOR 3710135C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R94MJ1</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>R94MK1</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>R94ML1</td> <td>18</td> <td>GY</td> <td>ASSY</td> </tr> </tbody> </table>		CAV	CIRC	GAUGE	COLOR	TERMINAL	1	R94MJ1	18	GY	ASSY	2	R94MK1	18	GY	ASSY	3	R94ML1	18	GY	ASSY
CAV	CIRC	GAUGE	COLOR	TERMINAL																	
1	R94MJ1	18	GY	ASSY																	
2	R94MK1	18	GY	ASSY																	
3	R94ML1	18	GY	ASSY																	
<p>ABS6 PRESSURE SENSOR (9510 / 9510A) (LOCATED ON REAR SUSPENSION AIR BAG: LEFT SIDE (6X4) RIGHT SIDE (4X2))</p>  <p>CONNECTOR 1678137C1</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>CAV</th> <th>CIRC</th> <th>GAUGE</th> <th>COLOR</th> <th>TERMINAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>R94SZC</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>R94SVC</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>R94SH</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table>		CAV	CIRC	GAUGE	COLOR	TERMINAL	A	R94SZC	18	GY	1651943C1	B	R94SVC	18	GY	1651943C1	C	R94SH	18	GY	1651943C1
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME															
0488	20MAY14	REVISED AND REDRAWN.	D	92447S	300422	CIRCUIT DIAGRAM, PROSTAR, LONESTAR															
					RELEASE NO.	DATE	PART NO.														
					61802Y	12MAR09	AE08058107														
							SHEET 126														

Figure 628 Connector Body Composite (9509B), (9509P), (9510), (9510A)

14.210. CONNECTOR BODY COMPOSITE (9510M), (9511), (9511A), (9512), (9512A), (9513), P. 127

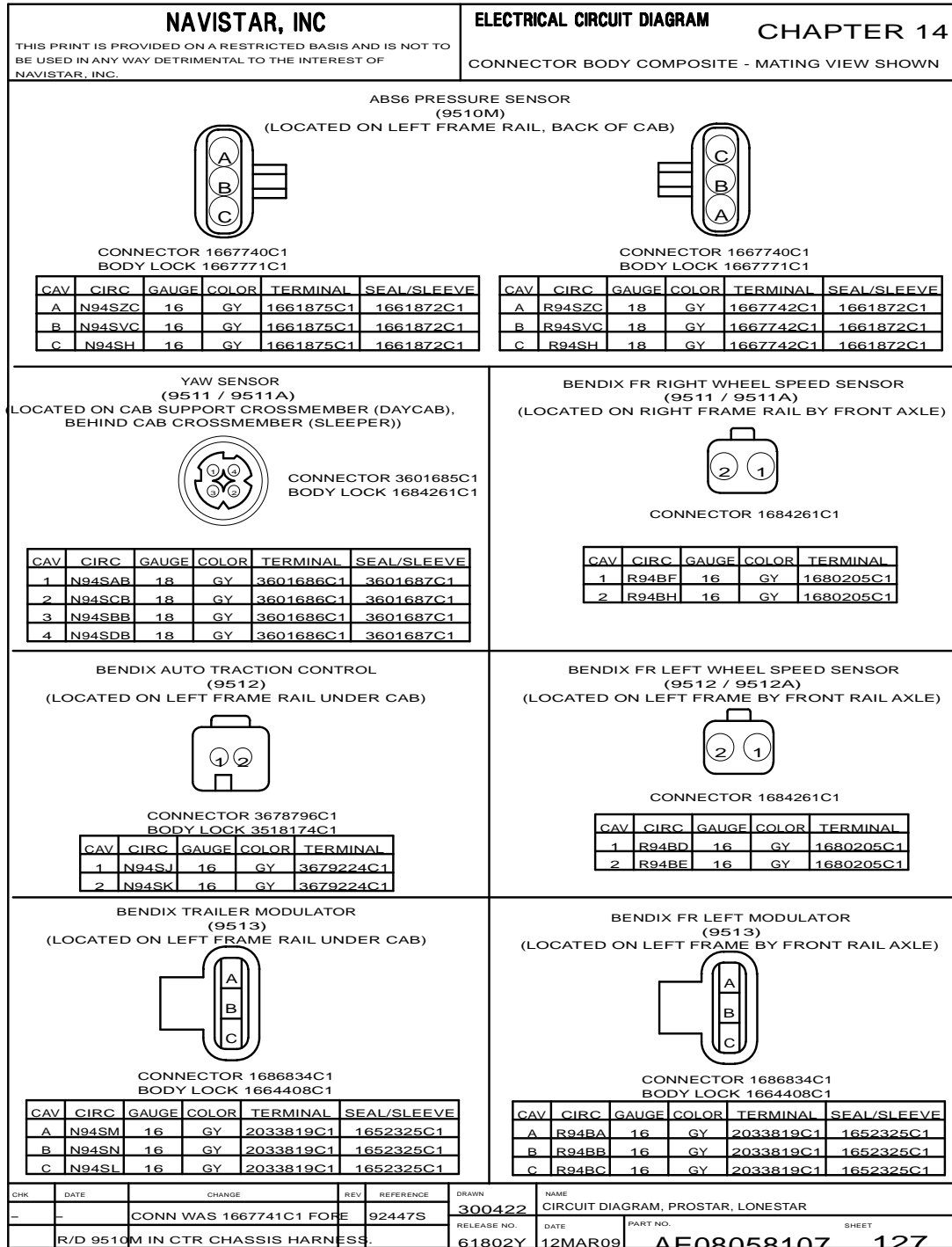


Figure 629 Connector Body Composite (9510M), (9511), (9511A), (9512), (9512A), (9513)

14.211. CONNECTOR BODY COMPOSITE (9514), (9515), (9515C), (9515A), (9515B), (9515D), (9516), P. 128

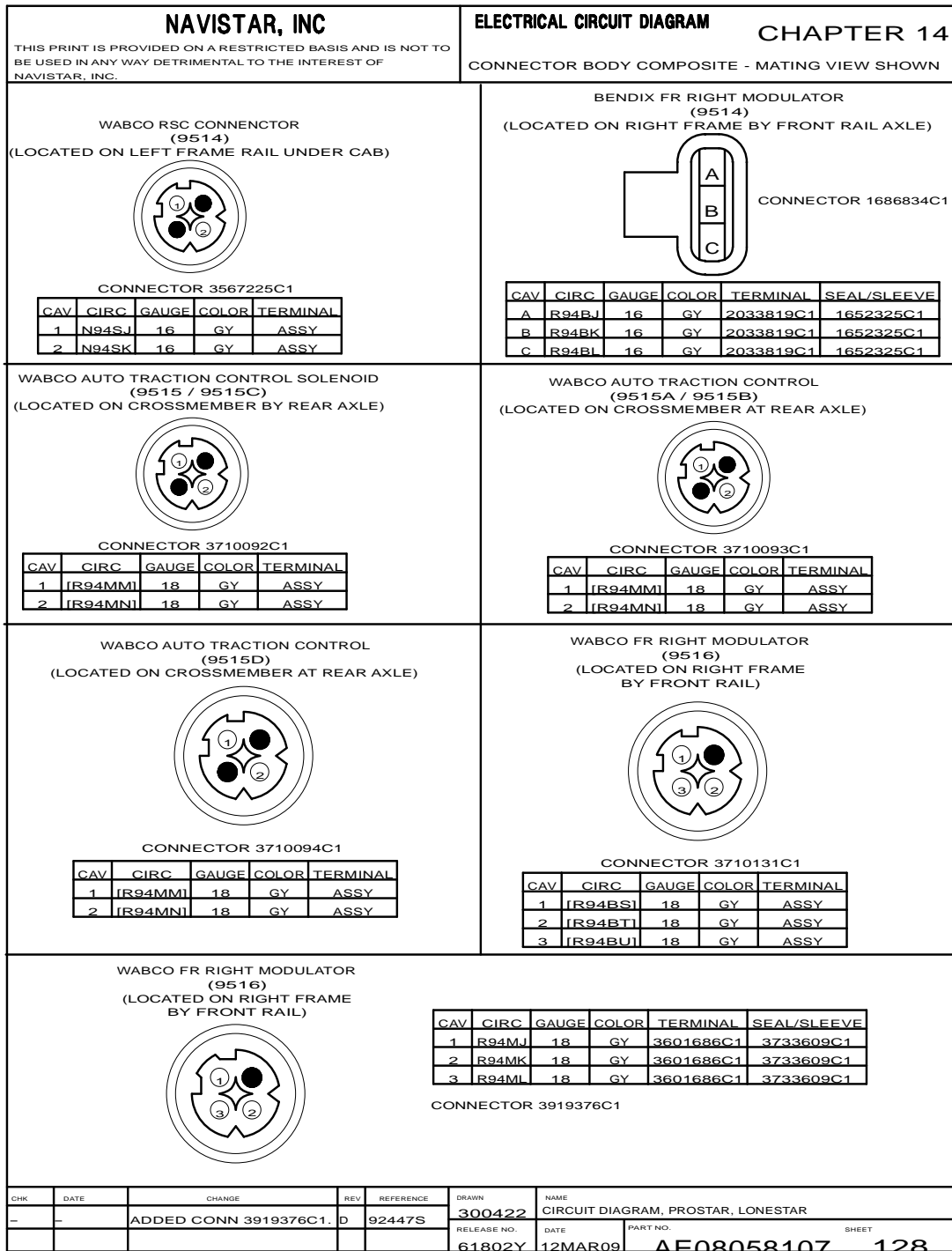


Figure 630 Connector Body Composite (9514), (9515), (9515C), (9515A), (9515B), (9515D), (9516)

14.212. CONNECTOR BODY COMPOSITE (9781F), (9782M), (9783M), (9783F), (9784M), P. 129

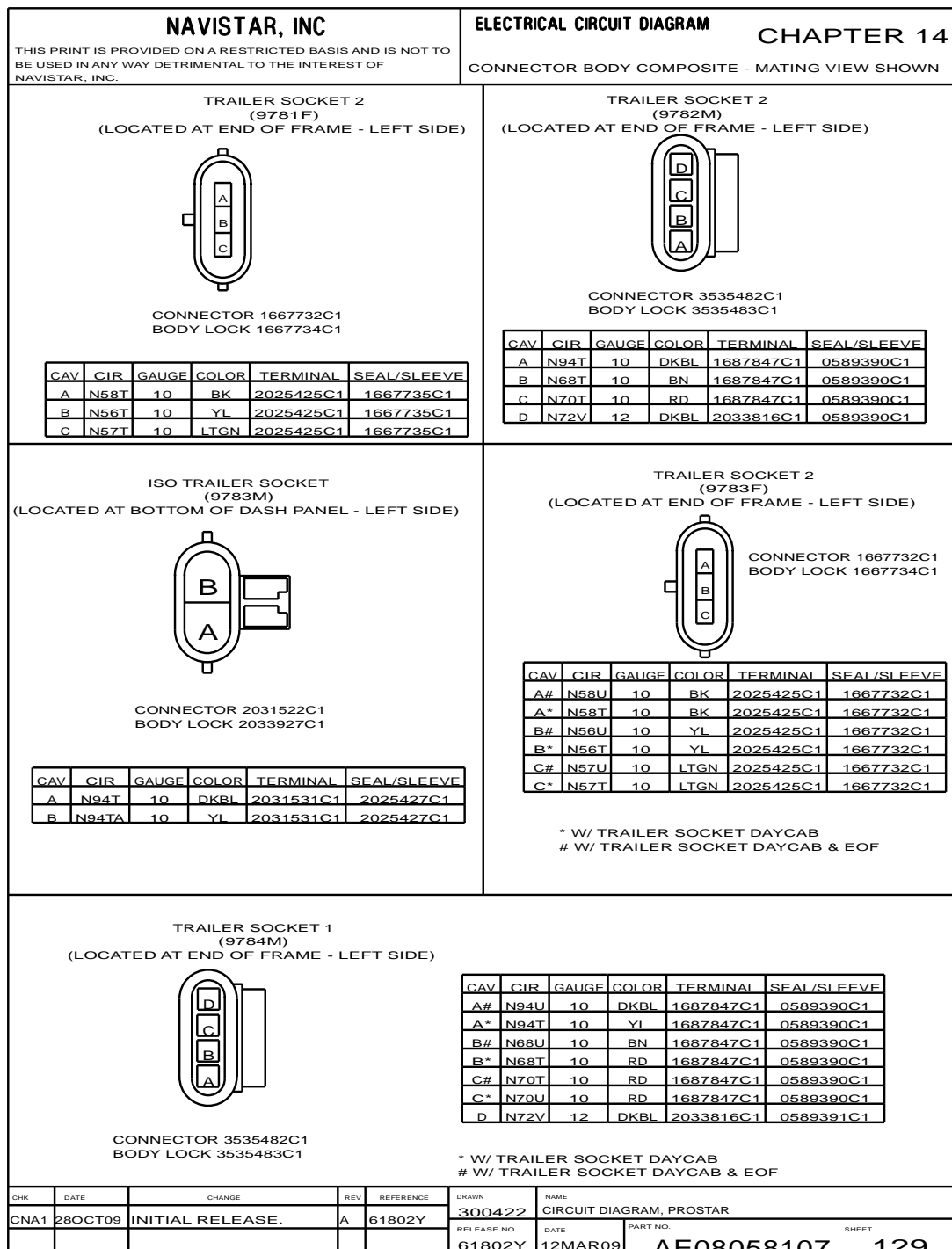


Figure 631 Connector Body Composite (9781F), (9782M), (9783M), (9783F), (9784M)

14.213. CONNECTOR BODY COMPOSITE (9519), (9520), (9521), (9522), (9523), (9524), (9525), (9526), P. 130

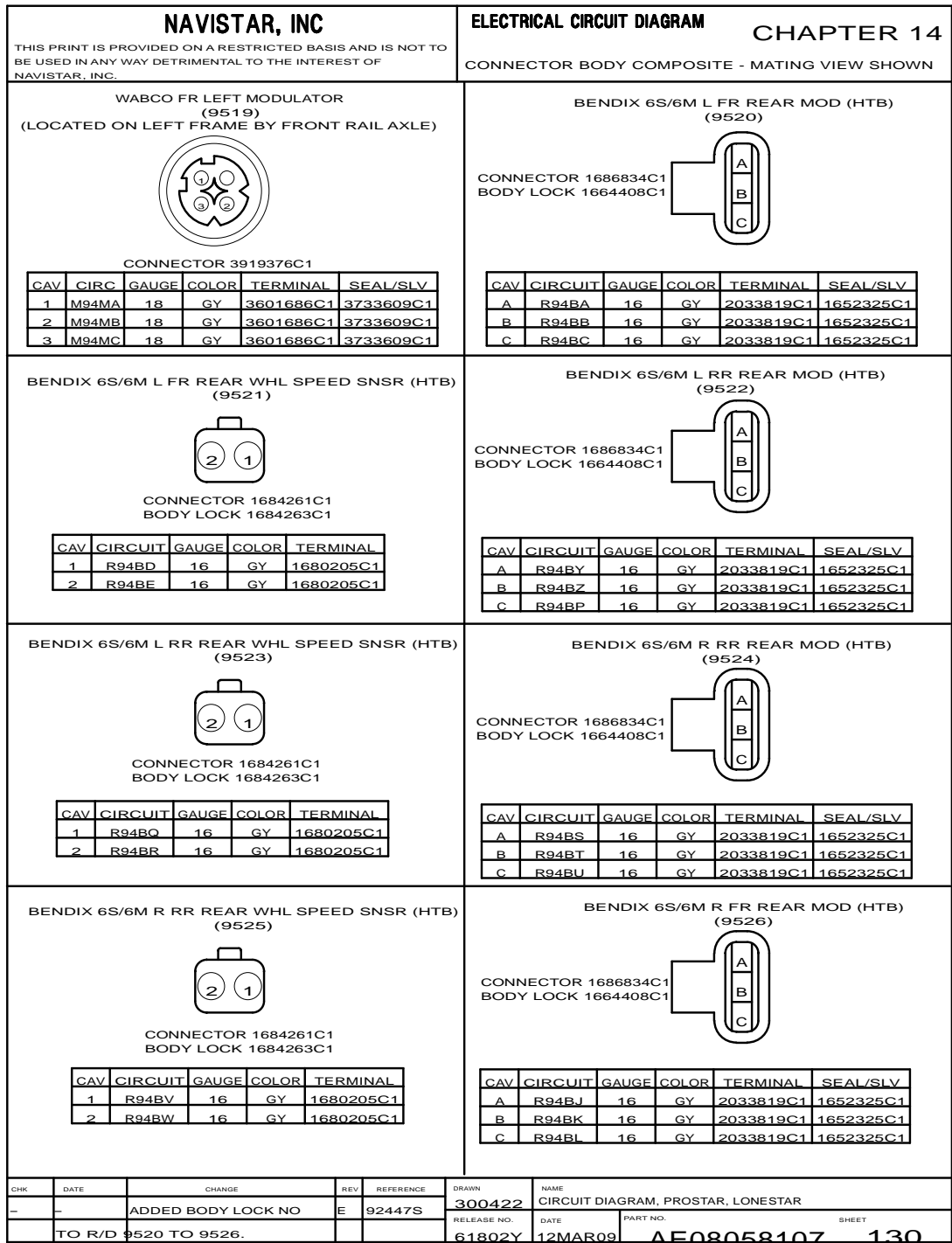


Figure 632 Connector Body Composite (9519), (9520), (9521), (9522), (9523), (9524), (9525), (9526)

14.214. CONNECTOR BODY COMPOSITE (9527), (9528), (9529), (9532), (9534), (9535), (9536), (9537), P. 131

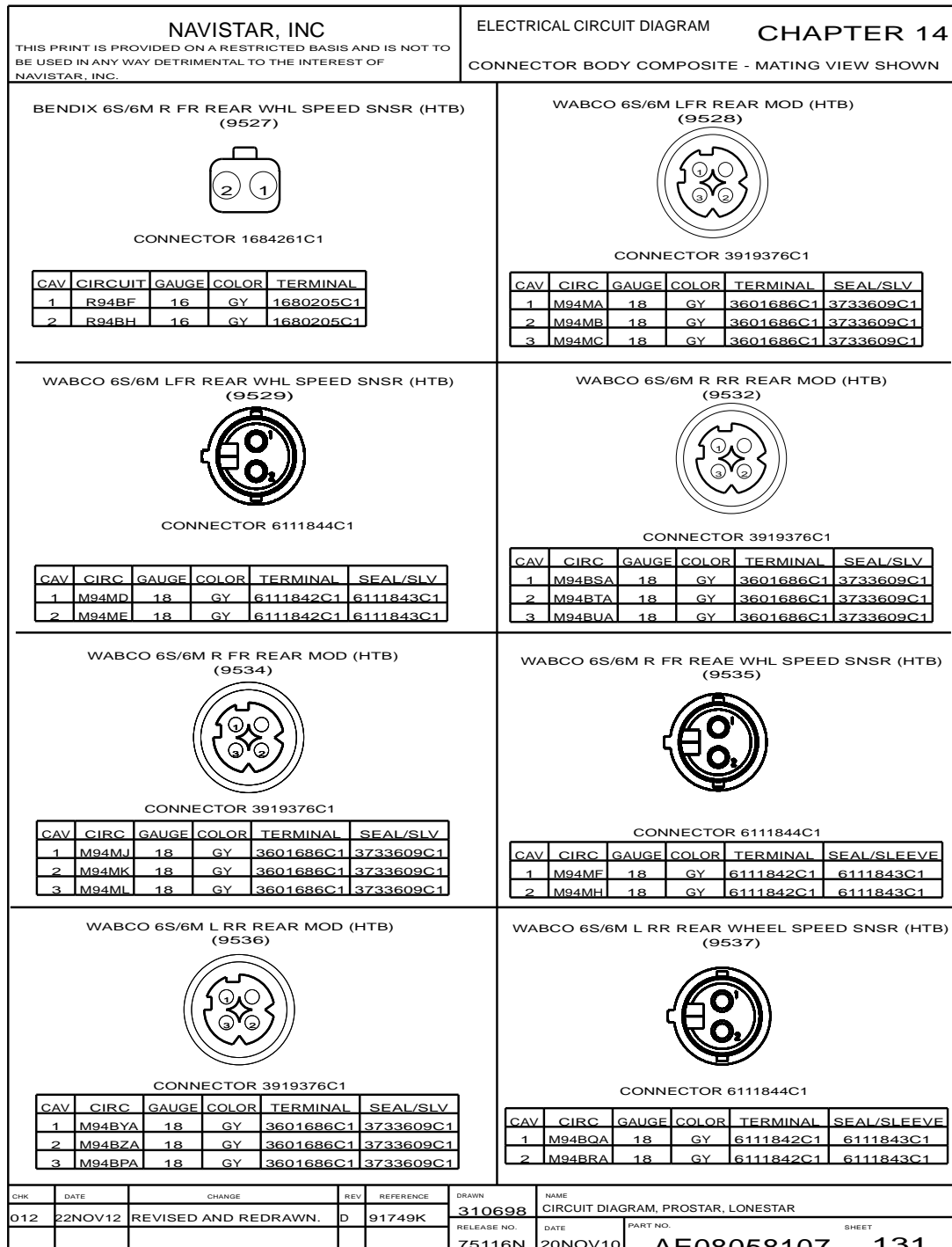


Figure 633 Connector Body Composite (9527), (9528), (9529), (9532), (9534), (9535), (9536), (9537)

14.215. CONNECTOR BODY COMPOSITE (9538), (9601D), (9602B), (9603D), (9604A), (9611), (9612), (9613), P. 132

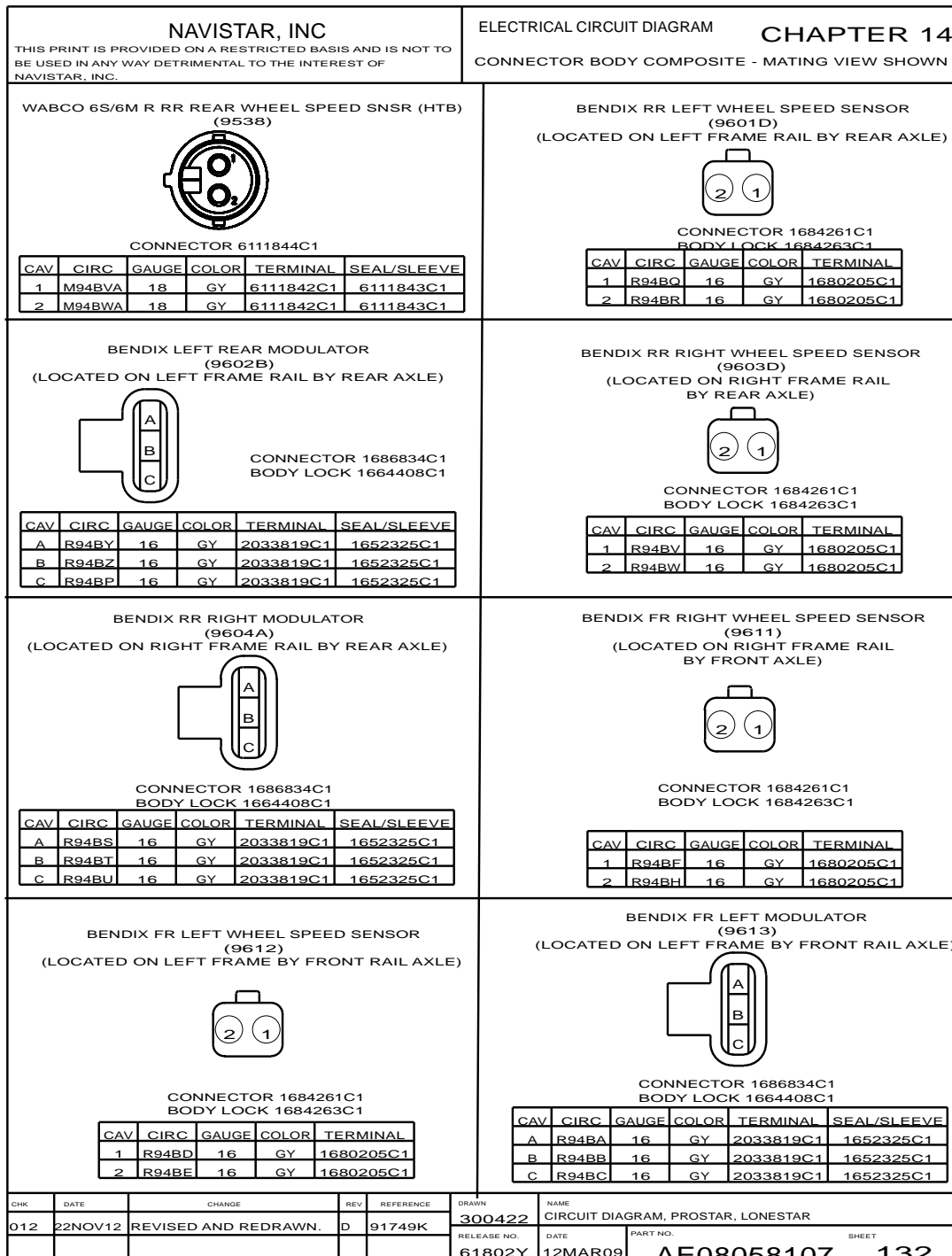


Figure 634 Connector Body Composite (9538), (9601D), (9602B), (9603D), (9604A), (9611), (9612), (9613)



14.216. CONNECTOR BODY COMPOSITE (9614), (9635), (9715F), (9715M), (9716M), (9716F), P. 133

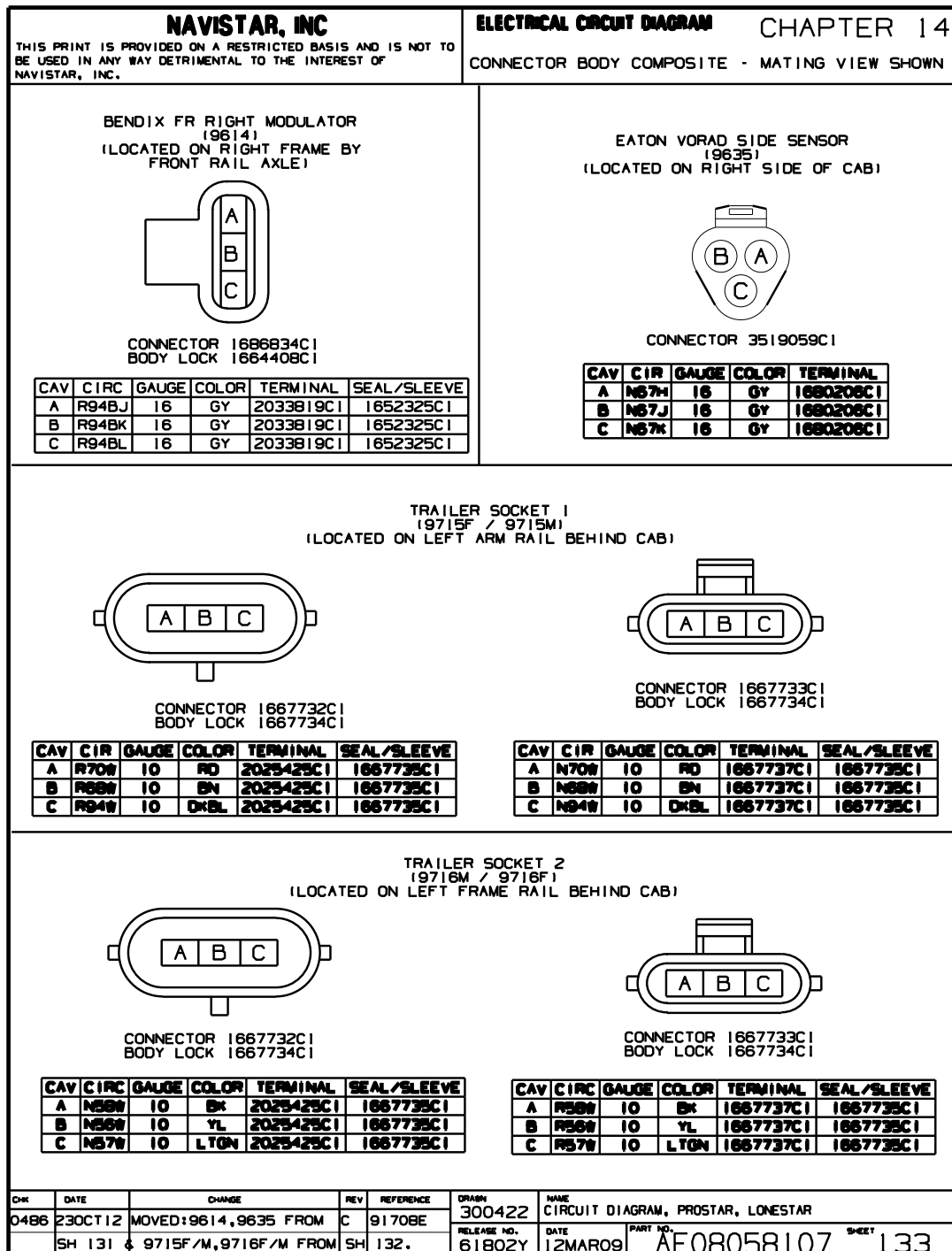


Figure 635 Connector Body Composite (9614), (9635), (9715F), (9715M), (9716M), (9716F)

14.217. CONNECTOR BODY COMPOSITE (9718), (9736), (9737), (9737A), (9768), (9769M), P. 134

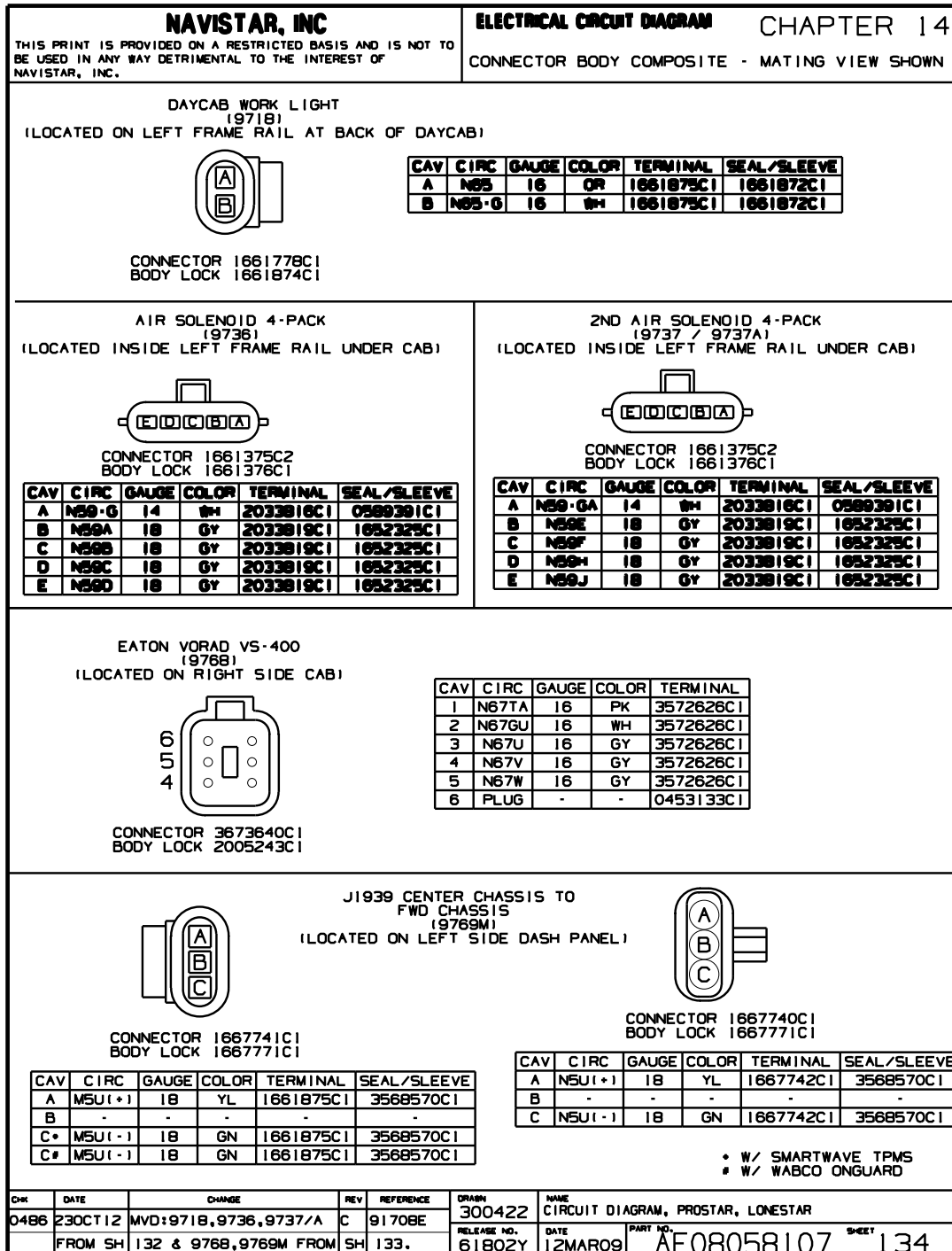


Figure 636 Connector Body Composite (9718), (9736), (9737), (9737A), (9768), (9769M)

14.218. CONNECTOR BODY COMPOSITE (9770M), (9770F), (9773), (9773A), (9773B), (9779F), (9779F1), P. 135

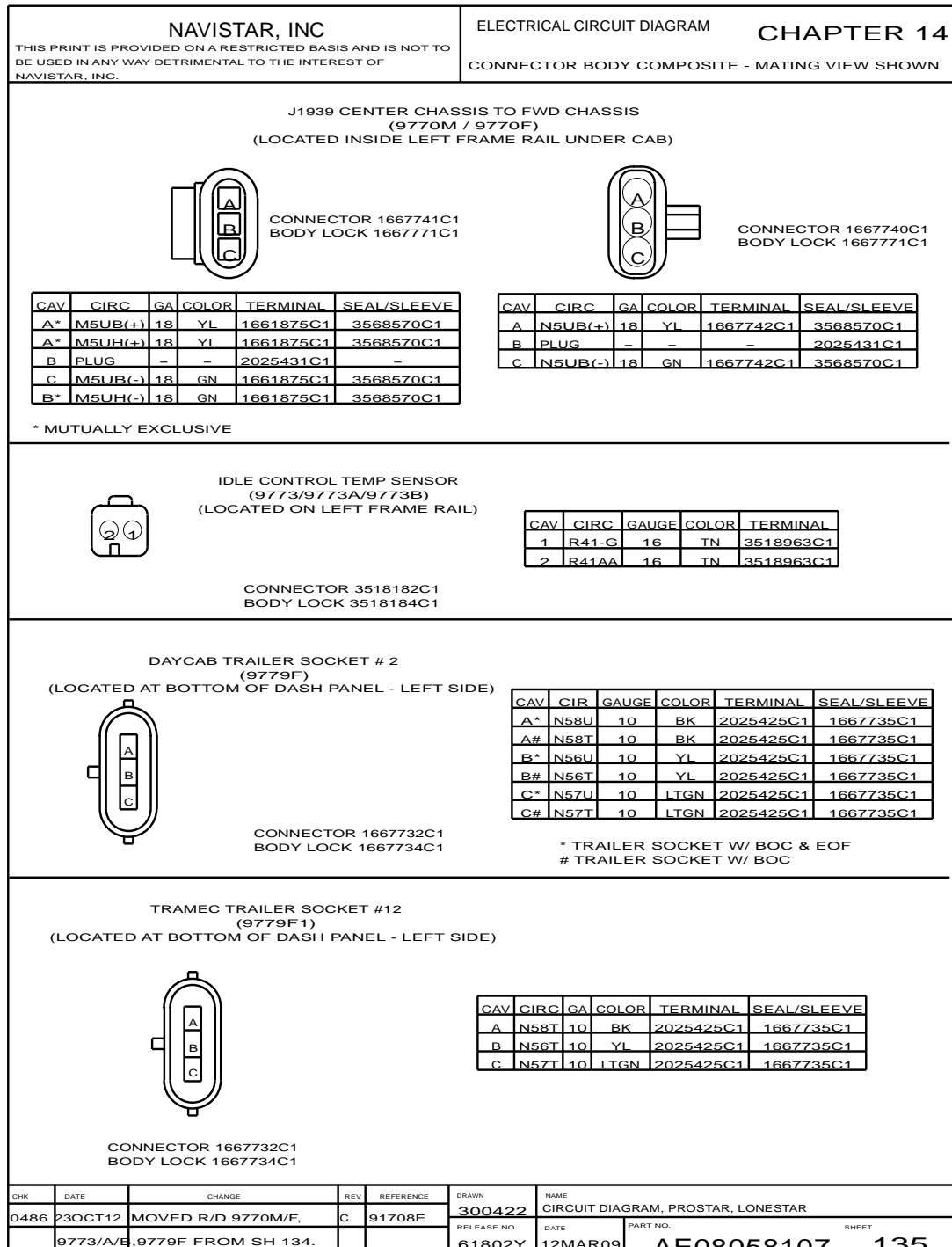


Figure 637 Connector Body Composite (9770M), (9770F), (9773), (9773A), (9773B), (9779F), (9779F1)

14.219. CONNECTOR BODY COMPOSITE (9780), (9780M) (9780M1), (9781F), (9782M), (9783M), (9783F), P. 136

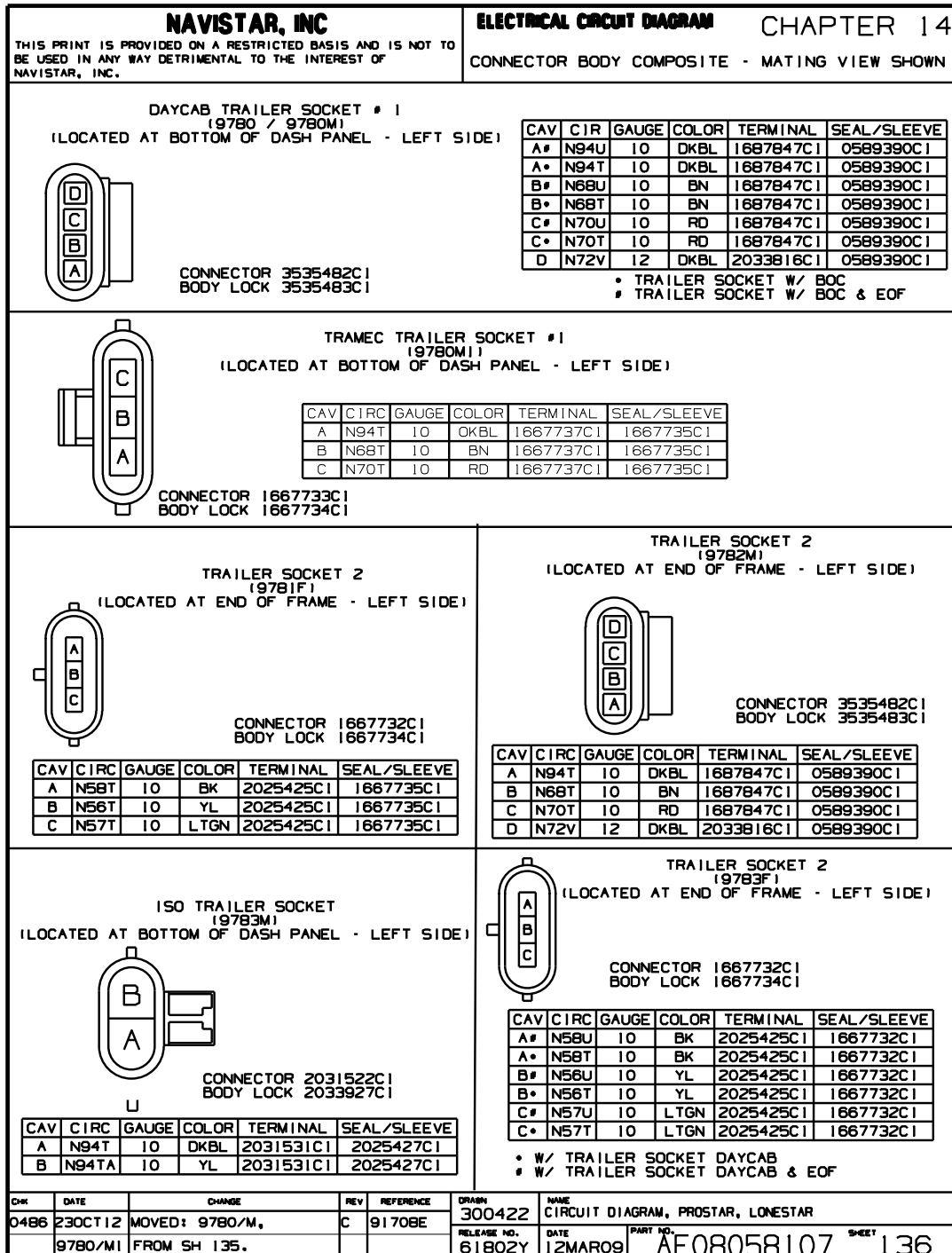


Figure 638 Connector Body Composite (9780), (9780M) (9780M1), (9781F), (9782M), (9783M), (9783F)

14.220. CONNECTOR BODY COMPOSITE (9784M), (9789F), (9789FA), (9790M), (9790MA), P. 137

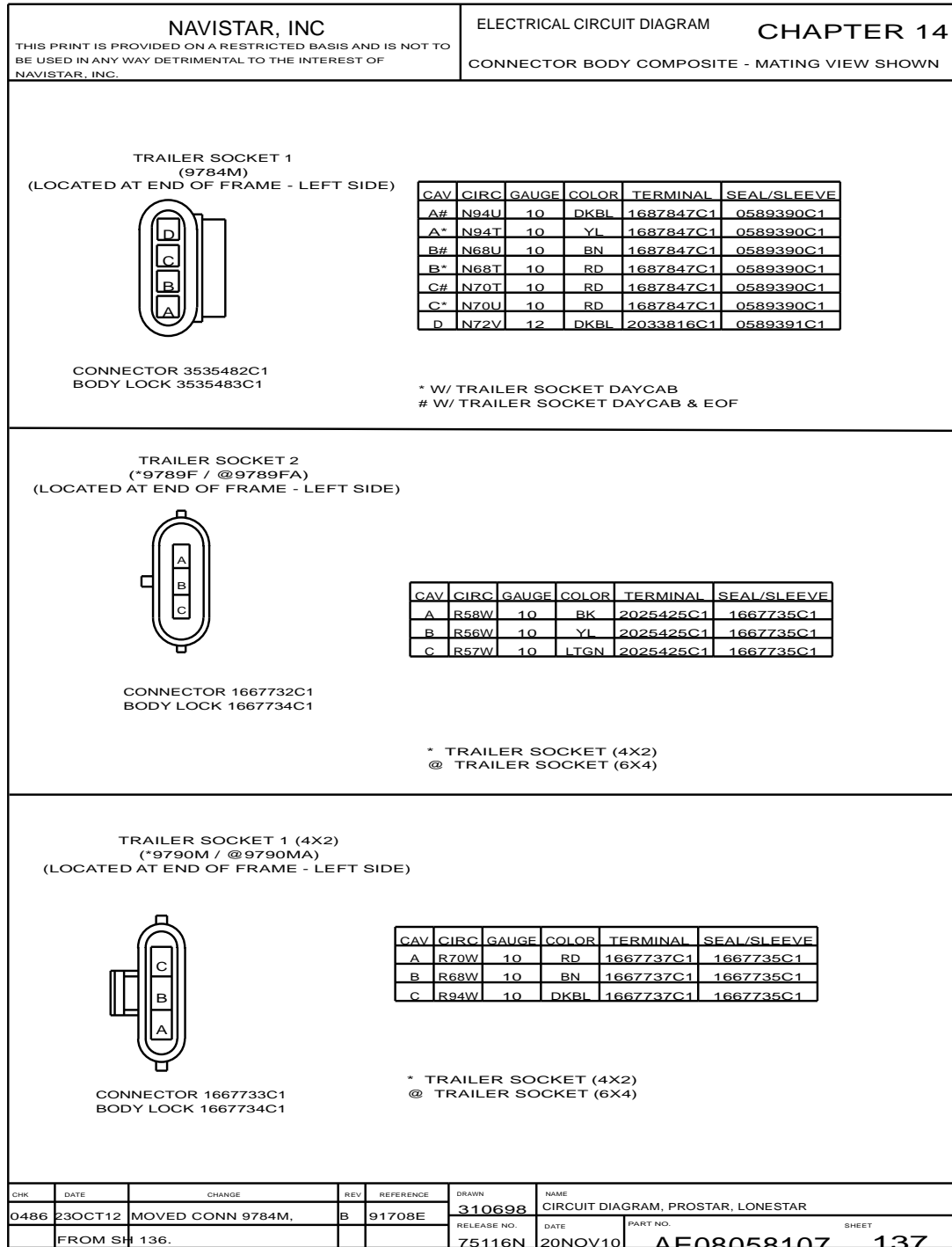


Figure 639 Connector Body Composite (9784M), (9789F), (9789FA), (9790M), (9790MA)

14.221. CONNECTOR BODY COMPOSITE (9800F), (9800M), P. 138

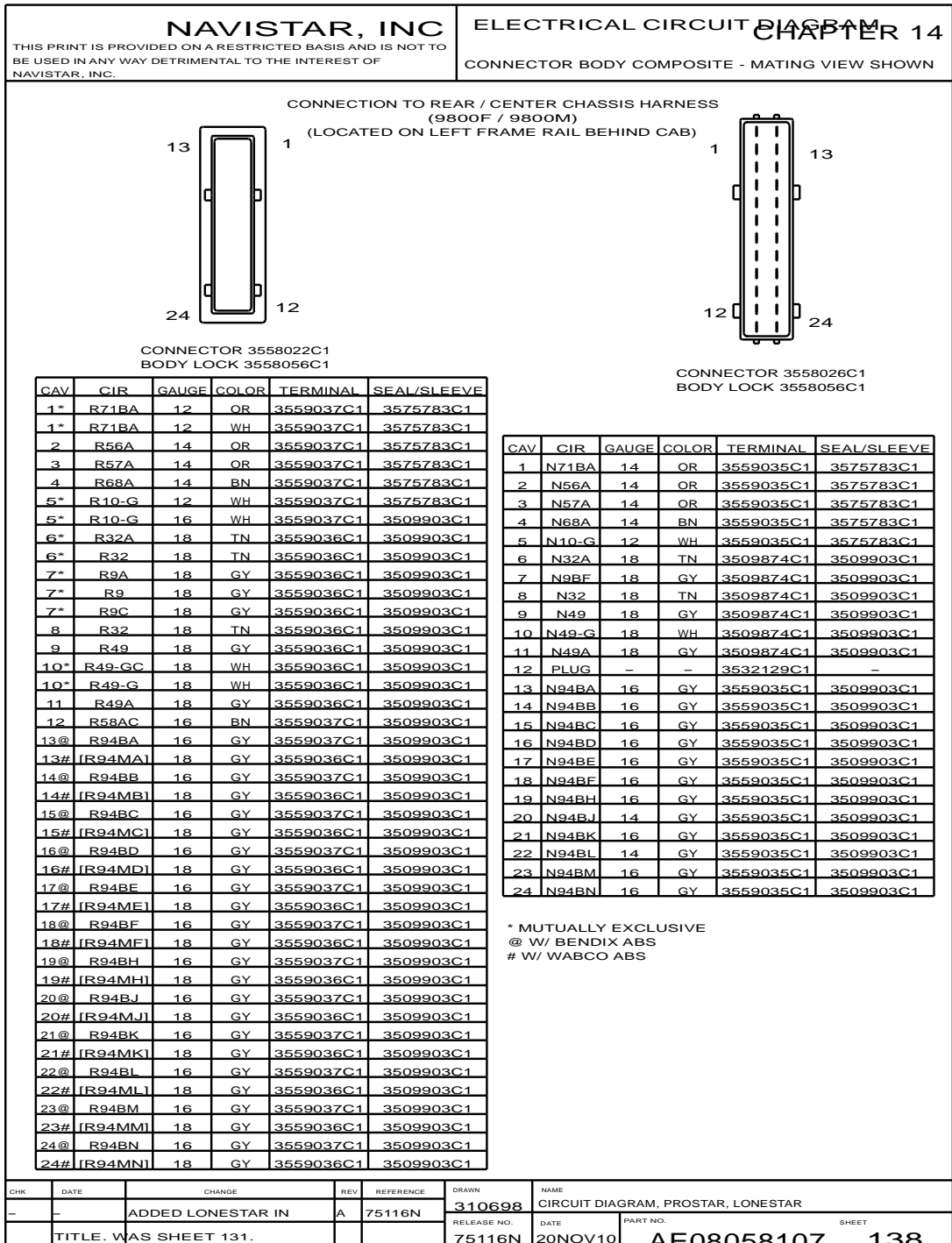


Figure 640 Connector Body Composite (9800F), (9800M)

14.222. CONNECTOR BODY COMPOSITE (9801M), (9801F), P. 139

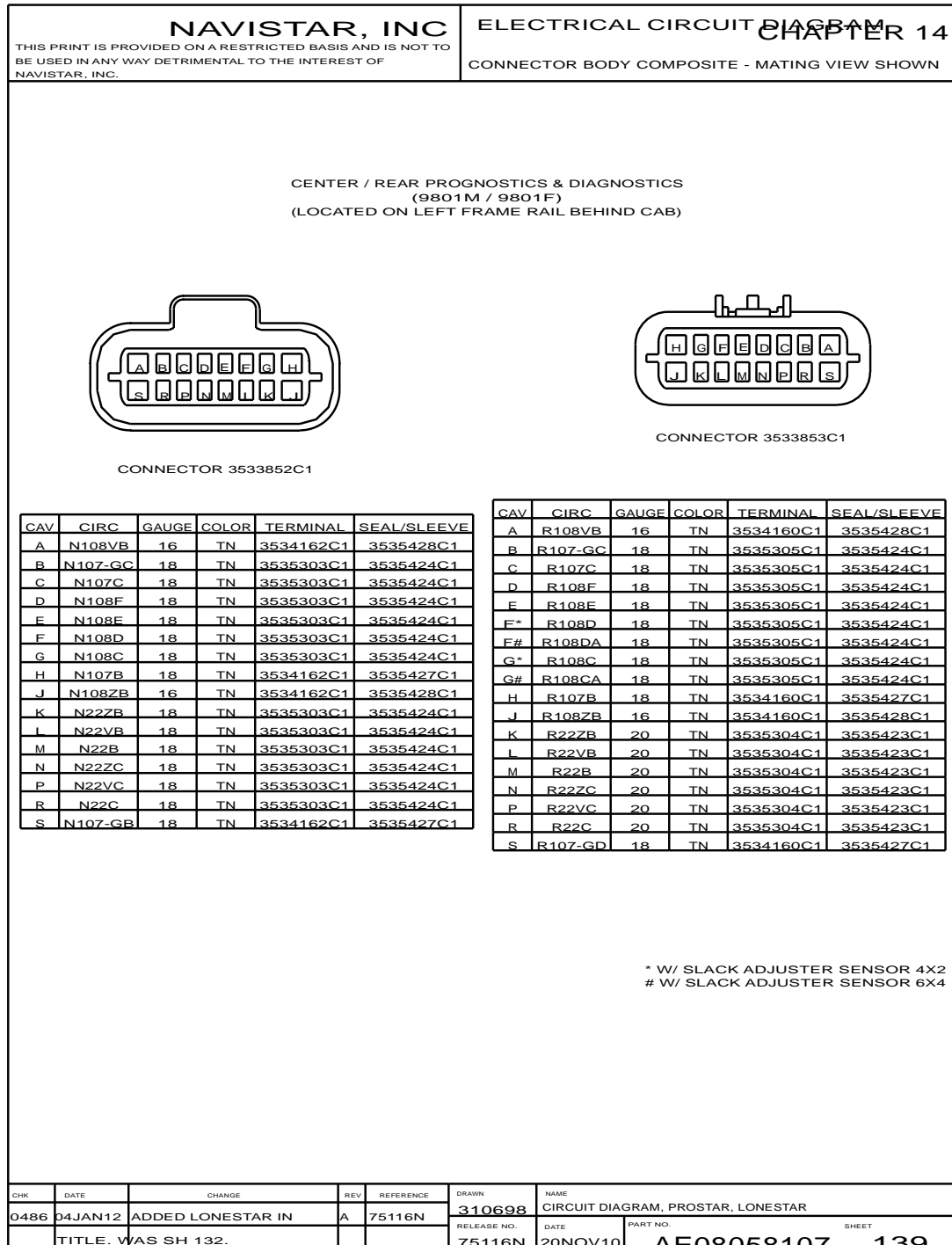


Figure 641 Connector Body Composite (9801M), (9801F)

14.223. CONNECTOR BODY COMPOSITE (9811), (9812), (9813), P. 140

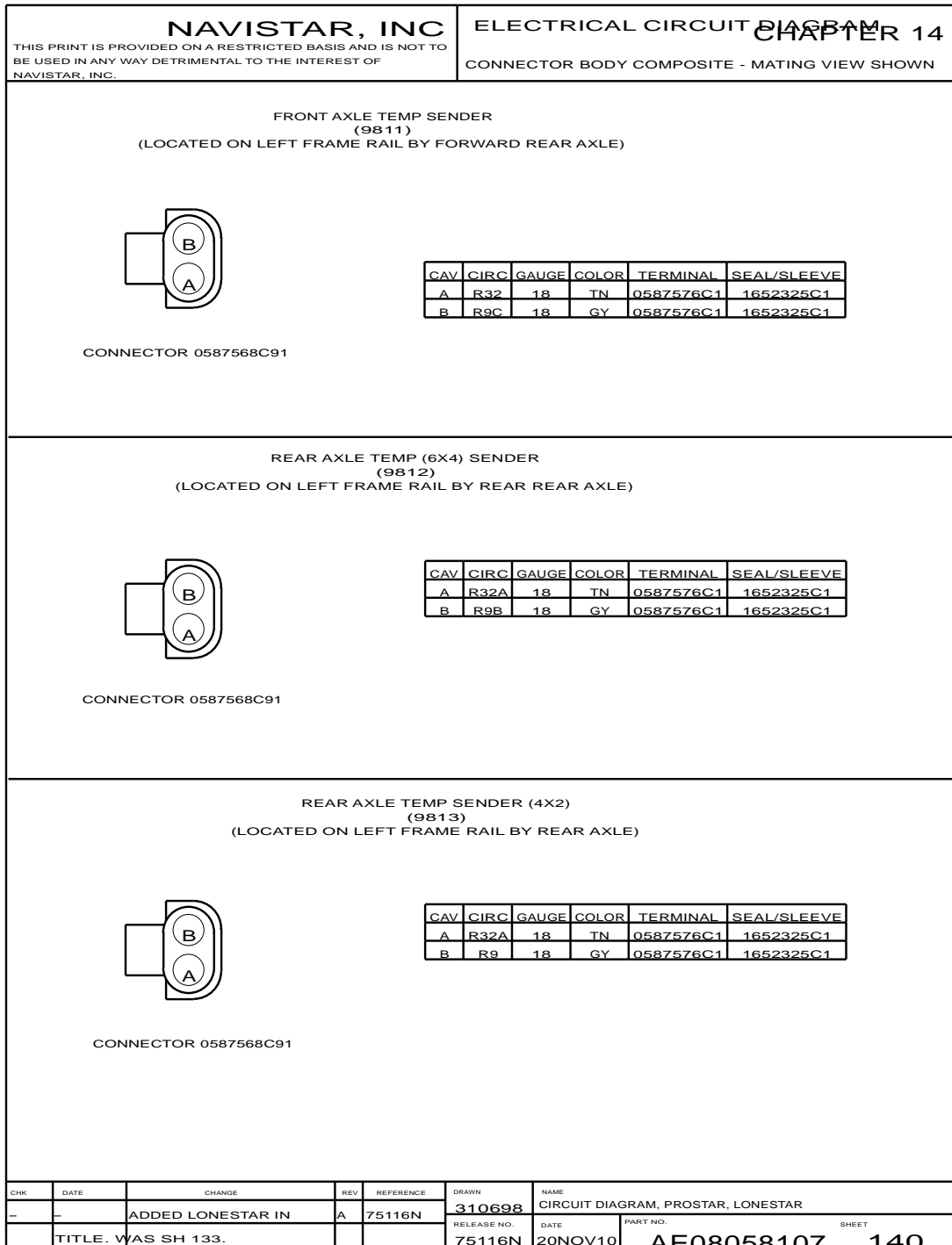


Figure 642 Connector Body Composite (9811), (9812), (9813)



14.224. CONNECTOR BODY COMPOSITE (9814), (9815), (9816), P. 141

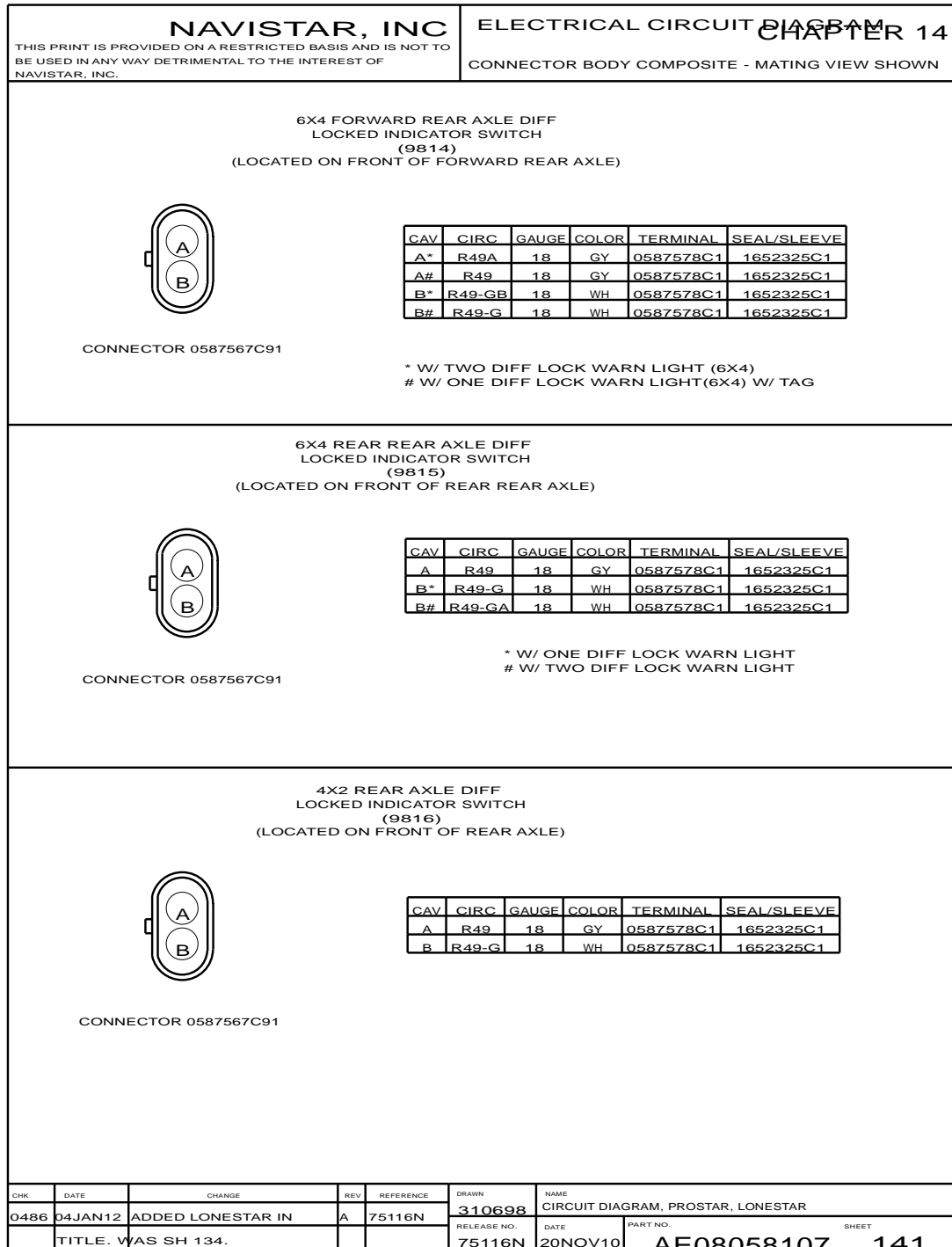


Figure 643 Connector Body Composite (9814), (9815), (9816)

14.225. CONNECTOR BODY COMPOSITE (9830), (9832), (9865F), (9865M), P. 142

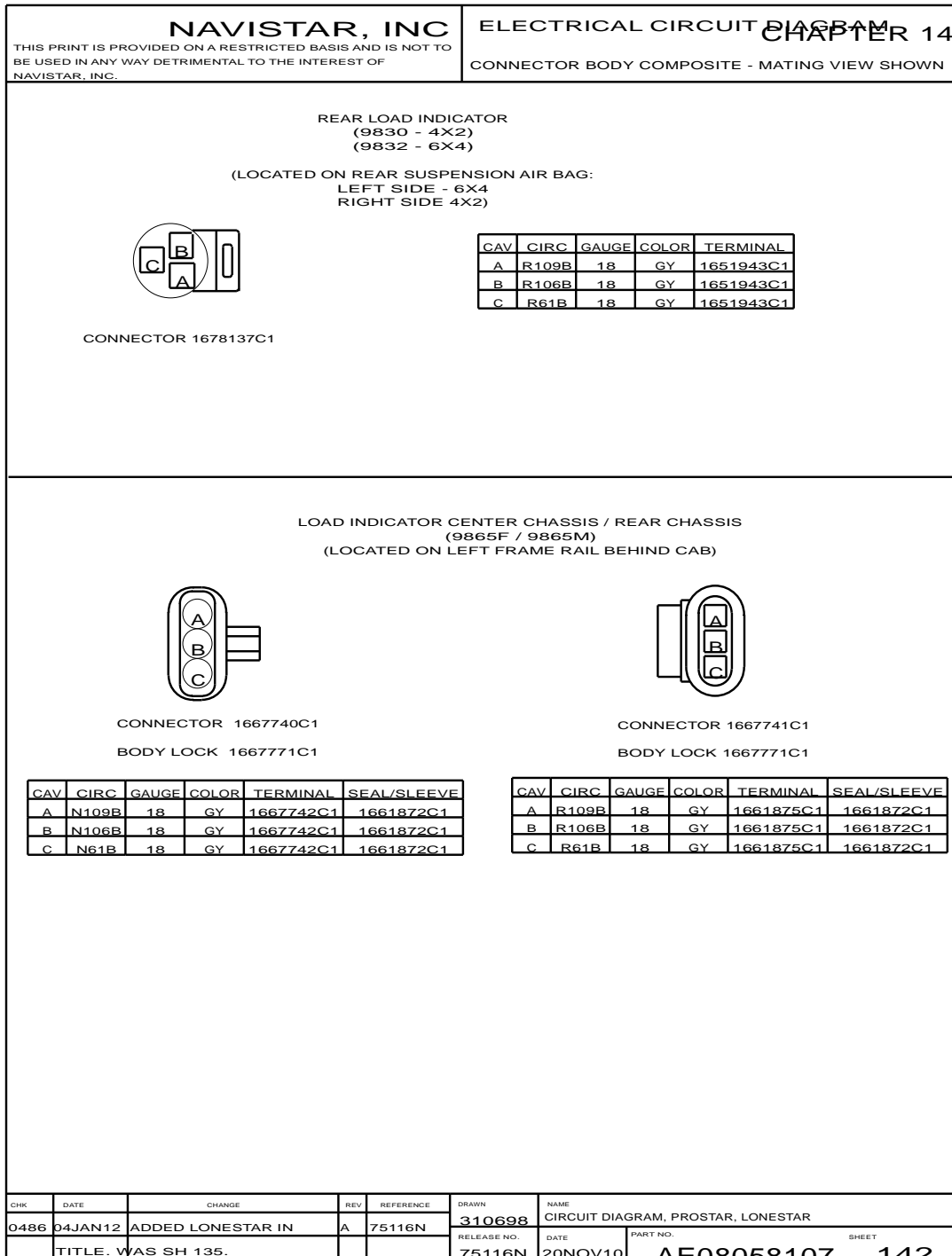


Figure 644 Connector Body Composite (9830), (9832), (9865F), (9865M)

14.226. CONNECTOR BODY COMPOSITE (9900), (9901), (9902), P. 143

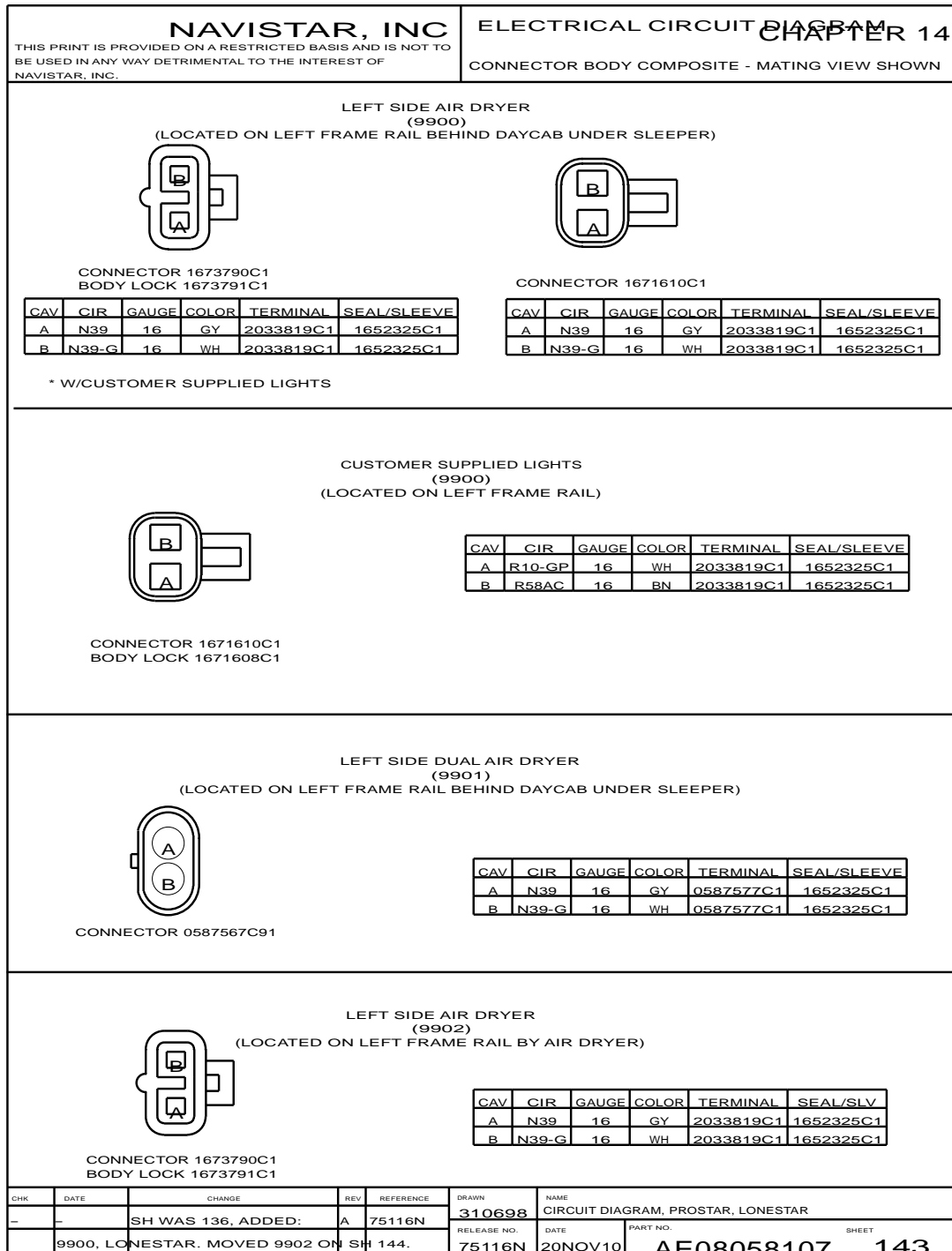


Figure 645 Connector Body Composite (9900), (9901), (9902)

14.227. CONNECTOR BODY COMPOSITE (9902), (9911), (9912), P. 144

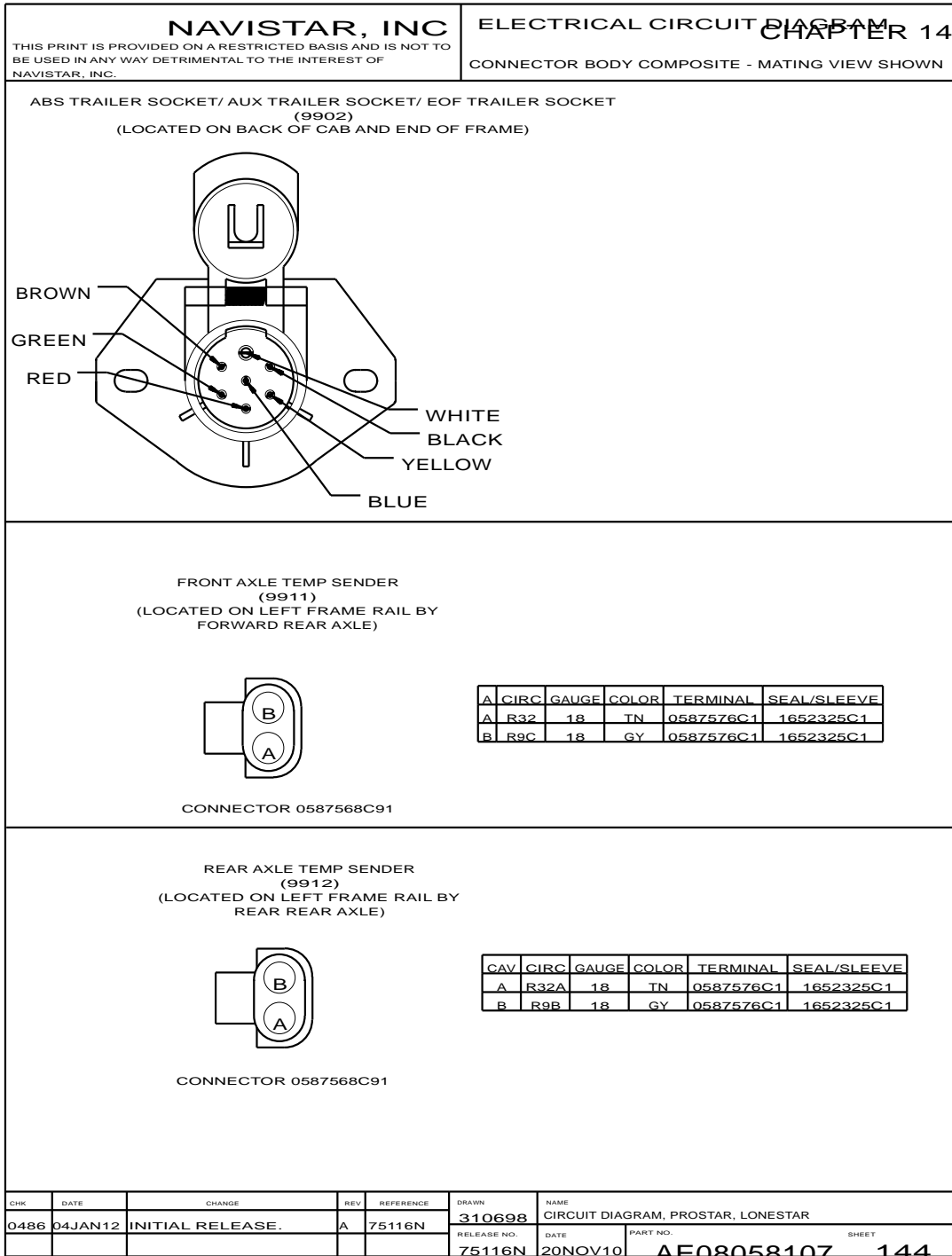


Figure 646 Connector Body Composite (9902), (9911), (9912)