
Electrical Circuit Diagrams

TerraStar®

Navistar, Inc.

2701 Navistar Drive, Lisle, IL 60532 USA

TABLE OF CONTENTS

2. INSTRUCTIONS AND CHARTS (CHAPTER 2).....	1
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 DIAGRAM, 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
 3. 12 VOLT POWER DISTRIBUTION, GROUNDS, DATA BUS AND ELECTRICAL SYSTEM CONTROLLER (CHAPTER 3).....	 13
3.1. BATTERY FEED, DUAL, P. 1.....	13
3.2. IGNITION FEED – STANDARD, THEFT DETERRENT, REMOTE START / STOP, P. 2.....	14
3.3. J708 DATA LINK – PUBLIC EFFECTS, P. 3.....	15
3.4. J1708 DATA LINK – PRIVATE WITH POWER WINDOW AND LOCK, P. 4.....	16
3.5. J1939 DATA LINK, P. 5.....	17
3.6. GROUND – IP, P. 6.....	18
3.7. ZERO VOLT REFERENCE, P. 7.....	19
3.8. BATTERY FEED, SINGLE, P. 8.....	20
3.9. J1939 DATA LINK – V8 ENGINE, P. 9.....	21
3.10. J1939 DATA LINK – V8 ENGINE WITH ALLISON WTEC, P. 9A.....	22
3.11. J1939 DATA LINK – V8 ENGINE WITH ALLISON LCT WITH IN-CAB TCM, P. 9B.....	23
3.12. ACCESSORY FEED, P. 10.....	24
3.13. J1939 DATA LINK – WITH OPTIONS, P. 11.....	25
3.14. IGNITION FEED – RELAY 1, P. 12.....	26
3.15. INTENTIONALLY LEFT BLANK, P. 13.....	27
3.16. IGNITION FEED – RELAY 3, P. 14.....	28
3.17. BATTERY FEED, DUAL, P. 15.....	29
3.18. BATTERY FEED, DUAL (CONT.), P. 16.....	30
3.19. BATTERY FEED, SINGLE, P. 17.....	31
3.20. INTENTIONALLY LEFT BLANK, P. 18.....	32
3.21. GROUND – SEAT AND SEAT BELT SENSOR, P. 19.....	33
3.22. GROUND – IP, P. 20.....	34
3.23. GROUND – IP (CONT.), P. 21.....	35
3.24. GROUND – IP (CONT.), P. 22.....	36
3.25. GROUND – CHASSIS, P. 23.....	37
3.26. GROUND – IP, P. 24.....	38
3.27. GROUND – IP (CONT.), P. 25.....	39
3.28. GROUND – CHASSIS, P. 26.....	40
3.29. INTENTIONALLY LEFT BLANK, P. 27.....	41
3.30. GROUND – TRAILER SOCKET AND FUEL PUMP, P. 28.....	42
 4. CAB ACCESSORIES (CHAPTER 4).....	 43
4.1. CIGAR LIGHTER AND POWER FEED, P. 1.....	43
4.2. CIGAR LIGHTER AND POWER FEED (CONT.), P. 2.....	44
4.3. COMPASS DISPLAY, P. 3.....	45

TABLE OF CONTENTS (CONT.)

4.4.	FRONT DOOR WINDOWS AND LOCKS (POWER), P. 4.....	46
4.5.	FRONT DOOR WINDOWS AND LOCKS (POWER) FOR CREW, P. 5.....	47
4.6.	HORN – ELECTRIC AND AIR, P. 6.....	48
4.7.	MIRRORS (HEATED, LIGHTED & POWER), P. 7.....	49
4.8.	2 – WAY RADIO, P. 8.....	50
4.9.	INTENTIONALLY LEFT BLANK, P. 9.....	51
4.10.	SELF CONTAINED AIR SEAT, P. 10.....	52
4.11.	RADIO (ENTERTAINMENT) SPEAKERS – WITH 16 WAY CONNECTOR, P. 11.....	53
4.12.	RADIO (ENTERTAINMENT) SPEAKERS – WITH 12 WAY CONNECTOR, P. 11A.....	54
4.13.	RADIO (ENTERTAINMENT), SPEAKERS – WITH 16 WAY CONNECTOR (CONT.), P. 12.....	55
4.14.	INTENTIONALLY LEFT BLANK, P. 13.....	56
4.15.	INTENTIONALLY LEFT BLANK, P. 14.....	57
4.16.	INTENTIONALLY LEFT BLANK, P. 15.....	58
4.17.	INTENTIONALLY LEFT BLANK, P. 16.....	59
4.18.	ROOF AUX LOAD, P. 17.....	60
4.19.	INTENTIONALLY LEFT BLANK, P. 18.....	61
4.20.	INTENTIONALLY LEFT BLANK, P. 19.....	62
4.21.	INTENTIONALLY LEFT BLANK, P. 20.....	63
4.22.	MIRRORS (HEATED, LIGHTED & POWER) , P. 21.....	64
4.23.	CB POWER RADIO, P. 22.....	65
4.24.	BACK-UP CAMERA, P. 23.....	66
4.25.	HEATED SEATS, P. 24.....	67
4.26.	SWITCH PACK OPTIONAL GAUGE PACK, P. 25.....	68
4.27.	WINDSHIELD WIPER, P. 26.....	69
4.28.	SEAT BELT AND SEAT SENSOR, P. 27.....	70
4.29.	SEAT BELT AND SEAT SENSOR (CONT.), P. 28.....	71
4.30.	SEAT BELT AND SEAT SENSOR (CONT.), P. 29.....	72
4.31.	SEAT BELT AND SEAT SENSOR (CONT.), P. 30.....	73
5.	12V CHARGING AND CRANKING SYSTEM (CHAPTER 5).....	74
5.1.	STARTING AND CRANKING ENGINE WITH ALLISON TRANSMISSION, P. 1.....	74
5.2.	ROCKER START, P. 2.....	75
6.	FANS AND ENGINE ACCESSORIES (CHAPTER 6).....	76
6.1.	FAN WIRING – V8 ENGINE, P. 1.....	76
6.2.	SNOW VALVE, P. 2.....	77
7.	ELECTRONIC ENGINES (CHAPTER 7).....	78
7.1.	ELECTRONIC ENGINE CONTROLS – V8 ENGINE, P. 1.....	78
7.2.	ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 2.....	79
7.3.	ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 3.....	80
7.4.	ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 3.....	81
7.5.	ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 4.....	82
7.6.	ELECTRONIC ENGINE CONTROLS – V8 ENGINE CRUISE CONTROLS, P. 5.....	83
8.	GAUGES WITH AND WITHOUT INTERNAL WARNING LIGHT (CHAPTER 8).....	84
8.1.	BRAKE SWITCH AND PARK BRAKE SWITCH, P. 1.....	84
8.2.	GAUGES AND WARNING LIGHTS – AMMETER, P. 2.....	85
8.3.	INTENTIONALLY LEFT BLANK, P. 3.....	86
8.4.	AIR PRESSURE INPUT CIRCUIT, P. 4.....	87
8.5.	IP GAUGES AND WARNING LIGHTS – GAUGE CLUSTER, P. 5.....	88

TABLE OF CONTENTS (CONT.)

8.6.	IP / GAUGES, P. 6.....	89
8.7.	WARNING LIGHTS LIST, P. 7.....	90
8.8.	WARNING LIGHTS CONTROLLING BY ENGINE, TRANSMISSION, ABS CONTROLLER, P. 8.....	91
8.9.	ENGINE OIL PRESS & TEMP, SPEEDOMETER, TACH, VOLTMETER & WATER TEMP GAUGE CIRCUITS, P. 9.....	92
8.10.	FUEL GAUGE CIRCUITRY (SINGLE TANK AND DUAL TANK), P. 10.....	93
9.	LIGHTS (CHAPTER 9).....	94
9.1.	BACK-UP – WITH ALLISON TRANSMISSION, P. 1.....	94
9.2.	LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS, P. 2.....	95
9.3.	LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS (CONT.), P. 3.....	96
9.4.	LIGHT SYSTEM, FOG LIGHT, P. 4.....	97
9.5.	HEADLIGHTS, P. 5.....	98
9.6.	PANEL LIGHTS, P. 6.....	99
9.7.	INTENTIONALLY LEFT BLANK, P. 7.....	100
9.8.	LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS (CONT.), P. 8.....	101
9.9.	LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS (CONT.), P. 9.....	102
9.10.	AUX HEADLIGHTS, SNOWPLOW LIGHTS, P. 10.....	103
9.11.	AUX HEADLIGHTS, SNOWPLOW LIGHTS (CONT.), P. 11.....	104
9.12.	DOMELIGHT SYSTEM, P. 12.....	105
9.13.	CLEARANCE AND MARKER LIGHT, P. 13.....	106
10.	CHASSIS ACCESSORIES (CHAPTER 10).....	107
10.1.	TRW ABS BRAKES, P. 1.....	107
10.2.	TRW ABS BRAKES (CONT.), P. 2.....	108
10.3.	TRW ABS BRAKES (CONT.), P. 3.....	109
10.4.	BODY BUILDER AND TRAILER – TURN, MARKERS AND STOP , P. 4.....	110
10.5.	BODY BUILDER AND TRAILER – TURN, MARKERS AND STOP (CONT.), P. 5.....	111
10.6.	BODY BUILDER ACC FEED WIRING, P. 6.....	112
10.7.	BODY BUILDER CONNECTIONS, P. 7.....	113
10.8.	INTENTIONALLY LEFT BLANK, P. 8.....	114
10.9.	REMOTE POWER MODULE – CAB MOUNTED, P. 9.....	115
10.10.	REMOTE POWER MODULE – CAB MOUNTED (CONT.), P. 9A.....	116
10.11.	FUEL / HEATER RELAY, P. 10.....	117
10.12.	ELECTRIC TRAILER BRAKE, P. 11.....	118
10.13.	HOUR METER – PTO, P. 12.....	119
10.14.	AIR DRYER AND HEATED DRAIN VALVE, P. 13.....	120
10.15.	REMOTE START / STOP, P. 14.....	121
10.16.	INTENTIONALLY LEFT BLANK, P. 15.....	122
10.17.	WHEELCHAIR LIFT INTERLOCK, P. 16.....	123
10.18.	WHEELCHAIR LIFT INTERLOCK (CONT.), P. 16A.....	124
10.19.	AUX INPUTS AND DRIVERS, P. 17.....	125
10.20.	AUX AND POWER SOURCE, P. 17A.....	126
10.21.	INTENTIONALLY LEFT BLANK, P. 18.....	127
10.22.	FUEL TRANSFER PUMP, P. 19.....	128
10.23.	TRAILER SOCKET – EOF, P. 20.....	129
10.24.	BODY BUILDER & TRAILER SOCKET – BOC & EOF, P. 21.....	130

TABLE OF CONTENTS (CONT.)

10.25. AUX TRAILER CIRCUIT, P. 22.....	131
10.26. TRANSFER CASE, P. 23.....	132
10.27. TRANSFER CASE (CONT.), P. 24.....	133
10.28. INTENTIONALLY LEFT BLANK, P. 25.....	134
10.29. INTENTIONALLY LEFT BLANK, P. 26.....	135
10.30. AIR HORN, P. 27.....	136
10.31. AIR SOLENOID 4-PACK, P. 28.....	137
10.32. AIR SOLENOID 8-PACK, P. 29.....	138
 11. TRANSMISSION (CHAPTER 11).....	 139
11.1. ALLISON GEN 4 1/2000 TRANSMISSION, P. 1.....	139
11.2. ALLISON GEN 4 1/2000 TRANSMISSION (CONT.), P. 2.....	140
11.3. ALLISON GEN 1/2000 TRANSMISSION, P. 3.....	141
11.4. TRANSMISSION ALLISON MD (WTEC), P. 4.....	142
11.5. ALLISON TRANSMISSION 1/2000 WITH IN-CAB TCM, P. 5.....	143
11.6. SHIFTER INTERLOCK EFFECTS, P. 6.....	144
11.7. SHIFTER INTERLOCK EFFECT (CONT.), P. 7.....	145
11.8. ALLISON WTEC TRANSMISSION GEN 8, P. 8.....	146
11.9. WTEC GEN 4 TRANSMISSION, P. 9.....	147
11.10. WTEC GEN 4 TRANSMISSION (CONT.), P. 10.....	148
11.11. TRANSMISSION RETARDER CONTROLS WIRING WITH MD TRANSMISSION HARD WIRED EFFECTS, P. 11.....	149
 12. AIR CONDITIONING (CHAPTER 12).....	 150
12.1. HVAC SYSTEM, P. 1.....	150
12.2. HVAC SYSTEM (CONT.), P. 2.....	151
12.3. AIR CONDITIONING, P. 3.....	152
12.4. AIR CONDITIONING (CONT.), P. 4.....	153
 13. CONNECTOR BODY COMPOSITES (CHAPTER 13).....	 154
13.1. CONNECTOR BODY COMPOSITES (71 / 72 / 254F / 254M / 400), P. 1.....	154
13.2. CONNECTOR BODY COMPOSITES (421 / 422 / 422F / 423), P. 2.....	155
13.3. CONNECTOR BODY COMPOSITES (424 / 828 / 1008FA), P. 2A.....	156
13.4. CONNECTOR BODY COMPOSITES (1010), P. 3.....	157
13.5. CONNECTOR BODY COMPOSITES (1011), P. 4.....	158
13.6. CONNECTOR BODY COMPOSITES (1012), P. 5.....	159
13.7. CONNECTOR BODY COMPOSITES (1013), P. 6.....	160
13.8. CONNECTOR BODY COMPOSITES (1014), P. 7.....	161
13.9. CONNECTOR BODY COMPOSITES (1015), P. 8.....	162
13.10. CONNECTOR BODY COMPOSITES (1016), P. 9.....	163
13.11. CONNECTOR BODY COMPOSITES (1017), P. 10.....	164
13.12. CONNECTOR BODY COMPOSITES (1018), P. 11.....	165
13.13. CONNECTOR BODY COMPOSITES (1019), P. 12.....	166
13.14. CONNECTOR BODY COMPOSITES (1020), P. 13.....	167
13.15. CONNECTOR BODY COMPOSITES (1025 / 1026), P. 14.....	168
13.16. CONNECTOR BODY COMPOSITES (1100 / 1100MA / 1101 / 1101A), P. 15.....	169
13.17. CONNECTOR BODY COMPOSITES (1106 / 1107), P. 16.....	170
13.18. CONNECTOR BODY COMPOSITES (1110 / 1200 / 1210 / 1220), P. 17.....	171
13.19. CONNECTOR BODY COMPOSITES (1300 / 1301 / 1500 / 1501), P. 18.....	172
13.20. CONNECTOR BODY COMPOSITES (1501 / 1502 / 1503), P. 18A.....	173
13.21. CONNECTOR BODY COMPOSITES (1512 / 1600), P. 19.....	174

TABLE OF CONTENTS (CONT.)

13.22. CONNECTOR BODY COMPOSITES (1601), P. 20.....	175
13.23. CONNECTOR BODY COMPOSITES (1602), P. 21.....	176
13.24. CONNECTOR BODY COMPOSITES (1603 / 1604 / 1623 / 1625), P. 22.....	177
13.25. CONNECTOR BODY COMPOSITES (1626 / 1657 / 1650 / 1660 / 1661), P. 23.....	178
13.26. CONNECTOR BODY COMPOSITES (1700), P. 24.....	179
13.27. CONNECTOR BODY COMPOSITES (1700), P. 25.....	180
13.28. CONNECTOR BODY COMPOSITES (1700), P. 26.....	181
13.29. CONNECTOR BODY COMPOSITES (1700), P. 27.....	182
13.30. CONNECTOR BODY COMPOSITES (1701), P. 28.....	183
13.31. CONNECTOR BODY COMPOSITES (1701), P. 29.....	184
13.32. CONNECTOR BODY COMPOSITES (1701F), P. 30.....	185
13.33. CONNECTOR BODY COMPOSITES (1701F), P. 31.....	186
13.34. CONNECTOR BODY COMPOSITES (1702), P. 32.....	187
13.35. CONNECTOR BODY COMPOSITES (1702), P. 33.....	188
13.36. CONNECTOR BODY COMPOSITES (1800 / 1800F), P. 34.....	189
13.37. CONNECTOR BODY COMPOSITES (1800FA / 1804 / 1807 / 1809 / 1810), P. 35.....	190
13.38. CONNECTOR BODY COMPOSITES (1814A / 1814B / 1815 / 1815A / 1828 / 1861 / 1872 / 1873), P. 36.....	191
13.39. CONNECTOR BODY COMPOSITES (1873W / 1873X / 1873Y / 1873Z / 1900 / 1936M), P. 36A.....	192
13.40. CONNECTOR BODY COMPOSITES (1901 / 1912 / 1918 / 1927 / 1929 / 1935), P. 37.....	193
13.41. CONNECTOR BODY COMPOSITES (2000 / 2000F / 2002M / 2003M / 2004M / 2005M), P. 37A.....	194
13.42. CONNECTOR BODY COMPOSITES (2006M / 2115M / 2116F / 2117F / 2021 / 2301M), P. 37B.....	195
13.43. CONNECTOR BODY COMPOSITES (2302M / 2304M / 2305M / 2502M), P. 37C.....	196
13.44. CONNECTOR BODY COMPOSITES (2503 / 2600 / 2601M / 2602M), P. 38.....	197
13.45. CONNECTOR BODY COMPOSITES (3000 / 3001 / 3003 / 3100M / 3200), P. 39.....	198
13.46. CONNECTOR BODY COMPOSITES (3201M / 3202M / 3203M / 3205M / 3206 / 3209M), P. 39A.....	199
13.47. CONNECTOR BODY COMPOSITES (3204 / 4000 / 4001 / 4004 / 4031 / 4032), P. 40.....	200
13.48. CONNECTOR BODY COMPOSITES (4033 / 4040 / 4041 / 4060 / 4087), P. 40A.....	201
13.49. CONNECTOR BODY COMPOSITES (4410A / 4410B / 4410D / 4411F / 4411M / 4412F), P. 40B.....	202
13.50. CONNECTOR BODY COMPOSITES (4412F1 / 4450AM / 4450BM / 4450M / 4060), P. 41....	203
13.51. CONNECTOR BODY COMPOSITES (4460AM / 4460BF / 4460BM / 4450BF / 4460M / 4500 / 4906), P. 42.....	204
13.52. CONNECTOR BODY COMPOSITES (6011 / 6020M), P. 43.....	205
13.53. CONNECTOR BODY COMPOSITES (6020M), P. 44.....	206
13.54. CONNECTOR BODY COMPOSITES (6022 / 6022A / 6200 / 6260HL / 6620HR / 6620T / 6260UC / 6260T / 6261 / 6261T / 6261NV), P. 45.....	207
13.55. CONNECTOR BODY COMPOSITES (6262 / 6262NV / 6262T / 6263 / 6263NV / 6263T / 6322), P. 45A.....	208
13.56. CONNECTOR BODY COMPOSITES (6333 / 6334 / 6400 / 6405 / 6561 / 6704M), P. 46.....	209
13.57. CONNECTOR BODY COMPOSITES (6747 / 6900 / 7100 / 7103M), P. 47.....	210
13.58. CONNECTOR BODY COMPOSITES (7150), P. 47A.....	211
13.59. CONNECTOR BODY COMPOSITES (7150), P. 47B.....	212
13.60. CONNECTOR BODY COMPOSITES (7151), P. 48.....	213
13.61. CONNECTOR BODY COMPOSITES (7205F / 7206F / 7207M / 7207MA), P. 49.....	214
13.62. CONNECTOR BODY COMPOSITES (7208M / 7208A / 7250M / 7350 / 7500M / 7600M), P. 49A.....	215

TABLE OF CONTENTS (CONT.)

13.63. CONNECTOR BODY COMPOSITES (7601M / 7603M / 7604M / 7605M / 7607M / 7611 / 7700M / 7710), P. 50.....	216
13.64. CONNECTOR BODY COMPOSITES (7711 / 7801M / 8000 / 8001), P. 50A.....	217
13.65. CONNECTOR BODY COMPOSITES (8102 / 8150 / 8151 / 8200 / 8201 / 8301), P. 51.....	218
13.66. CONNECTOR BODY COMPOSITES (8502 / 8503 / 8505A / 8600 / 8602 / 8800), P. 52.....	219
13.67. CONNECTOR BODY COMPOSITES (8805 / 8807 / 8881 / 8882), P. 53.....	220
13.68. CONNECTOR BODY COMPOSITES (8883 / 8884A / 8884C), P. 53A.....	221
13.69. CONNECTOR BODY COMPOSITES (8995 / 8996), P. 53B.....	222
13.70. CONNECTOR BODY COMPOSITES (8997 / 8998 / 8999 / 9001), P. 54.....	223
13.71. CONNECTOR BODY COMPOSITES (9100 / 9101 / 9101A / 9102 / 9260 / 9261), P. 55.....	224
13.72. CONNECTOR BODY COMPOSITES (9511A / 9521 / 9522 / 9530), P. 56.....	225
13.73. CONNECTOR BODY COMPOSITES (9715 / 9715F / 9716 / 9716M / 9717), P. 57.....	226
13.74. CONNECTOR BODY COMPOSITES (9717 / 9717F / 9736 / 9737 / 9740), P. 58.....	227
13.75. CONNECTOR BODY COMPOSITES (9778 / 9778F / 9779F / 9780M), P. 58A.....	228
13.76. CONNECTOR BODY COMPOSITES (9745 / 9746 / 9800), P. 59.....	229
13.77. CONNECTOR BODY COMPOSITES (9812 / 9900 / 9913B / 9915), P. 60.....	230
13.78. CONNECTOR BODY COMPOSITES (9916 / 9930 / 9994), P. 60A.....	231

INSTRUCTIONS AND CHARTS (CHAPTER 2)

2.1. ABBREVIATIONS, P. 1

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	
				ABBREVIATIONS	
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
ACCESS	ACCESSORY	CRUS	CRUISE	PWR	POWER
ACCUM	ACCUMULATOR	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
ACCEL	ACCELERATOR	DEG	DEGREE	RES	RESISTOR
AC	ALTERNATING CURRENT	DIAG	DIAGRAM	REGEN	REGENERATE
AFTR	AFTERTREATMENT	DSL	DIESEL	R	RIGHT
AMM	AMMETER	DIFF	DIFFERENTIAL	RTR	ROTOR
AMP	AMPERE	DIMR	DIMMER	SNSR	SENSOR
AMP HR	AMPERE HOUR	ELEC	ELECTRICAL	SHLD	SHIELD
AMPL	AMPLIFIER	ELEX	ELECTRONICS	SHFT	SHIFTER
ARM	ARMATURE	ENG	ENGINE	SLPR	SLEEPER
ARSR	ARRESTER	EXH	EXHAUST	SLV	SLEEVE
ASSY	ASSEMBLY	FL	FLUID	SPKR	SPEAKER
AUX	AUXILIARY	FWD	FORWARD	SPR	SPRING
B/U	BACK-UP	FR	FRONT	STD	STANDARD
BTRY	BATTERY	FREQ	FREQUENCY	STRG	STEERING
BM	BENCHMARKING	GA	GAUGE	STLITE	SATELLITE
BLK	BLOCK	GEN	GENERATOR	SUNSH	SUNSHADE
BOOS	BOOSTER	GND	GROUND	SW	SWITCH
BOT	BOTTOM	HARN	HARNESS	SYS	SYSTEM
BK	BRAKE	HDLP	HEADLAMP	TACH	TACHOMETER
BRKR	BREAKER	HTD	HEATED	TEMP	TEMPERATURE
BRTHR	BREATHING	HT TR	HEAT TREAT	TERM	TERMINAL
BRI	BRIGHT	HTR	HEATER	THROT	THROTTLE
BUZ	Buzzer	HP	HORSEPOWER	THRU	THROUGH
CA	CABLE	HYD	HYDRAULIC	TRAC	TRACTION
CD	CANDELA	ID	IDENTIFICATION	TRLR	TRAILER
CP	CANDLEPOWER	IGN	IGNITION	XDCR	TRANSDUCER
CAP	CAPACITOR	ILLUM	ILLUMINATION	XFER	TRANSFER
CAT	CATERPILLAR	IND	INDICATOR	XFMR	TRANSFORMER
CHAS	CHASSIS	INST	INSTRUMENT	XSTR	TRANSISTOR
CH	CHOKE	INT	INTERMITTENT	XMSN	TRANSMISSION
CIRC	CIRCUIT	L	LEFT	XMTR	TRANSMITTER
CLK	CLOCK	LT	LIGHT	TRK	TRUCK
CW	CLOCKWISE	LTR	LIGHTER	UPR	UPPER
CLSTR	CLUSTER	LWR	LOWER	VLV	VALVE
CL	CLUTCH	MAG	MAGNET	VERT	VERTICAL
COL	COLUMN	MOD	MODULATOR	VM	VOLTMETER
COMM	COMMUTATOR	MDL	MODULE	VOL	VOLUME
CMPT	COMPONENT	MOT	MOTOR	WSHR	WASHER
CPRS	COMPRESSOR	MTD	MOUNTED	WHL	WHEEL
CONN	CONNECTOR	NEG	NEGATIVE	WDO	WINDOW
CONT	CONTINUED	N/	NOT WITH	WSHLD	WINDSHIELD
CSL	CONSOLE	NO.	NUMBER	WPR	WIPER
CONT	CONTACT	PASS	PASSENGER	W/	WITH
CONT	CONTROL	POSN	POSITION	W/O	WITHOUT
CONV	CONVERTER	POS	POSITIVE		
CLR	COOLER	POT	POTENTIOMETER		
CTSY	COURTESY				

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	11NOV10	INITIAL RELEASE.	A	67696A	U01A133	CIRCUIT DIAGRAM, TERRASTAR
					RELEASE NO.	DATE
					67696A	04AUG10
						PART NO.
						AE08064593
						SHEET
						001

Figure 1 Abbreviations

2.2. ACRONYMS, P. 2

NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

ACRONYMS

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
AMERICAN TRUCKING ASSOCIATION	ATA
AUTOMATIC TRACTION CONTROL	ATC
AUDIO VIDEO INTERFACE	AVI
BAROMETRIC ATMOSPHERE PRESSURE	BAP
BRAKE HORSEPOWER	BHP
BACK OF CAB	BOC
CITIZEN BAND	CB
COLD CRANKING AMPERES	CCA
CLEAN POWER ELECTRICAL CONNECTOR	CEC
CENTRAL PROCESSING UNIT	CPU
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 PARTICULATE FILTER DELTA PRESSURE	DPFDP
DIESEL PARTICULATE FILTER TEMPERATURE	DPFT
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 INTEFFERENCE	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

DESCRIPTION	ACRONYM
HEAVY DUTY DIESEL	HDD
HIGH PERFORMANCE TRUCK	HPT
HEATING, VENTILATION, AND AIR CONDITIONING	HVAC
INJECTOR DRIVE MODULE	IDM
INPUT/OUTPUT	I/O
INTEGRATED MOBILE COMMUNICATION TERMINAL	IMCT
INSTRUMENT PANEL	I/P
INDEPENDENT POWER TAKE-OFF	IPTO
INTERNATIONAL BIG BORE ENGINE	IBBE
LIGHT COMMERCIAL TRANSMISSION	LCT
LOW PRESSURE MODULE	LPM
MEDIUM DUTY	MD
MALFUNCTION INDICATION LAMP	MIL
MULTIPLEX SWITCH MODULE	MSM
PYROMETER AMMETER MODULE	PAM
POWER DISTRIBUTION CENTER	PDC
PROGRAMMABLE LOGIC CONTROLLER	PLC
POWER TAKE-OFF	PTO
PULSE WIDTH MODULATION	PWM
REAR AXLE	RA
RADIO FREQUENCY	RF
ROLL STABILITY PROGRAM	RSP
SEVERE SERVICE	SS
TRANSMISSION CONTROL MODULE	TCM
TERRESTRIAL COMMUNICATION UNIT	TCU
TERRESTRIAL MOBILE COMMUNICATION TERMINAL	TMCT
THERMAL OVERCRANK PROTECTION	TOCP
THROTTLE POSITION SENSOR	TPS
WORLD TRANSMISSION ELECTRONIC CONTROLS	WTEC
VEHICLE SPEED OUTPUT	VSO
VEHICLE SPEED SENSOR	VSS
ZERO VOLT REFERENCE	ZVR
VEHICLE SPEED OUTPUT	VSO
VEHICLE SPEED SENSOR	VSS
ZERO VOLT REFERENCE	ZVR

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	11NOV10	INITIAL RELEASE.	A	67696A	U01A133	CIRCUIT DIAGRAM, TERRASTAR
					RELEASE NO.	DATE
					67696A	04AUG10
						PART NO.
						AE08064593
						SHEET
						002

Figure 2 Acronyms

2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3

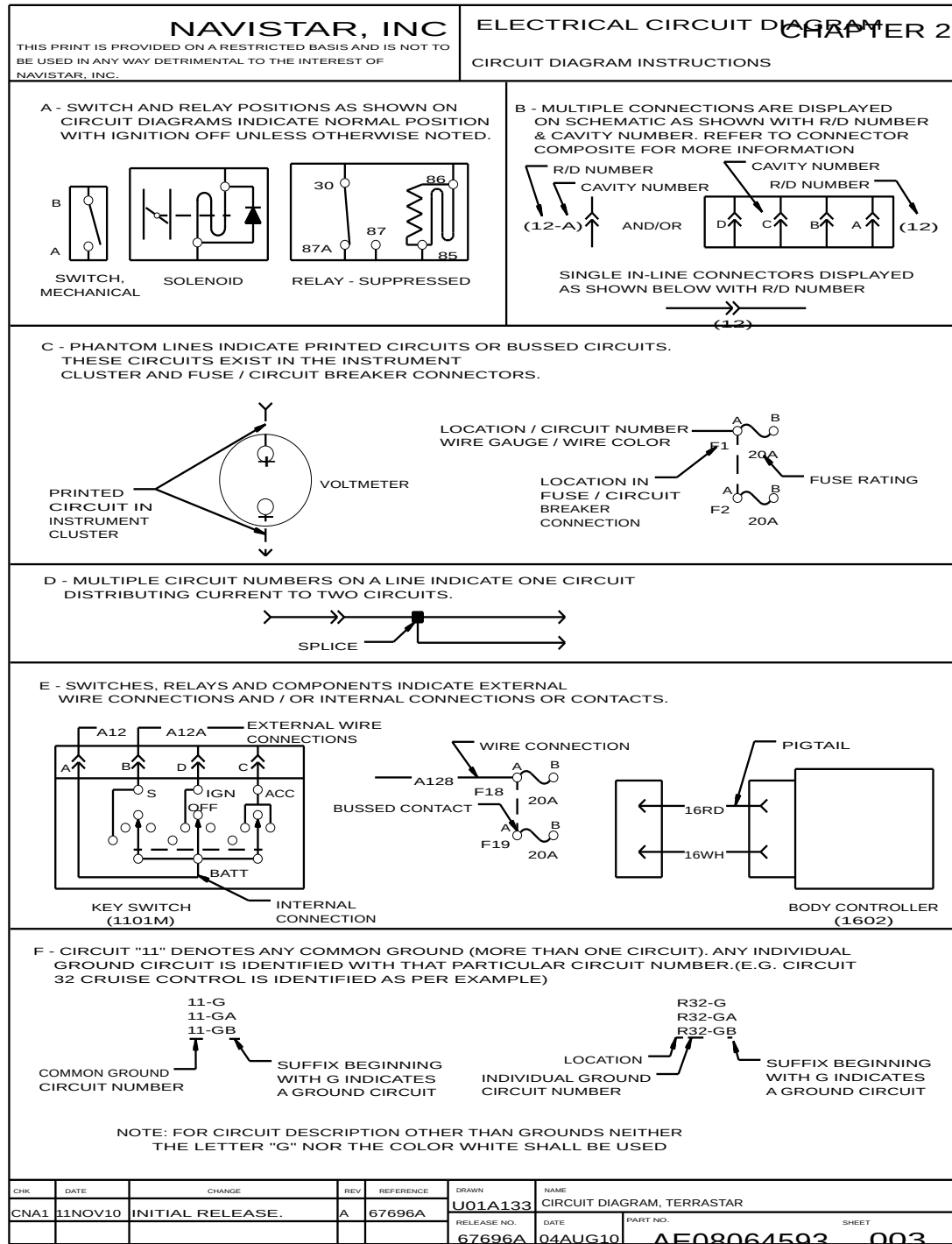


Figure 3 Circuit Diagram Instructions

2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4

NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

CHAPTER 2

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	ZERO VOLT REFERENCE (ZVR)
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	INSTRUMENT & 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
CNA1	11NOV10	INITIAL RELEASE.	A	67696A	U01A133	CIRCUIT DIAGRAM, TERRASTAR
					RELEASE NO.	DATE
					67696A	04AUG10
						PART NO.
						AE08064593
						SHEET
						004

Figure 4 Circuit Number Identification and Color

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

NAVISTAR, INC

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ELECTRICAL CIRCUIT DIAGRAM

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)
57	OR	TURN SIGNAL LIGHTS - RIGHT
	LTGN	TURN SIGNAL LIGHTS - RIGHT (BODY BUILDER CONNECTION)
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 LIGHTS
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)
71	OR	BACK-UP LIGHTS
	LTBL	BACK-UP LIGHTS (BODY BUILDER CONNECTION)
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
CNA1	11NOV10	INITIAL RELEASE.	A	67696A	U01A133	CIRCUIT DIAGRAM, TERRASTAR
					RELEASE NO.	DATE
					67696A	04AUG10
						PART NO.
						AE08064593
						SHEET
						005

Figure 5 Circuit Number Identification and Color (Cont.)

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

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM			
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				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
CNA1	11NOV10	INITIAL RELEASE.	A	67696A	U01A133	CIRCUIT DIAGRAM, TERRASTAR
					RELEASE NO.	DATE
					67696A	04AUG10
					PART NO.	SHEET
					AE08064593	006

Figure 6 Circuit Number Identification and Color (Cont.)

2.7. LAMP BULB CHART, P. 7

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 LAMP BULB CHART																																																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 55%;">BULB APPLICATION</th> <th style="width: 25%;">CANDLEPOWER OR WATT</th> <th style="width: 20%;">BULB TRADE NUMBER</th> </tr> </thead> <tbody> <tr><td>BACK-UP LIGHTS</td><td>32 CP</td><td>GE1156</td></tr> <tr><td>CLEARANCE & IDENTIFICATION SMALL</td><td>3 CP</td><td>GE168</td></tr> <tr><td>COURTESY LIGHT</td><td>21 CP</td><td>1142</td></tr> <tr><td>DOVE LIGHTS</td><td>21 CP</td><td>1142</td></tr> <tr><td>FOG LIGHTS</td><td>100 WATT</td><td>4921 - 1</td></tr> <tr><td>LOW BEAMS</td><td>55 WATT</td><td>GE9007</td></tr> <tr><td>HIGH BEAMS</td><td>60 WATT</td><td>GE9007</td></tr> <tr><td>CIGAR LIGHTER</td><td>1 CP</td><td>1455</td></tr> <tr><td>MAP LIGHT</td><td>3 CP</td><td>1816</td></tr> <tr><td>SIDE MARKER</td><td></td><td>2548</td></tr> <tr><td>STOP & TURN / TAIL & LICENSE PLATE</td><td>32 / 3 CP</td><td>3157</td></tr> <tr><td>TURN SIGNAL / MARKER (FENDER)</td><td>32 / 3 CP</td><td>3157</td></tr> <tr><td>TURN SIGNAL & MARKER LIGHT</td><td></td><td>2356</td></tr> <tr><td>WORK (TRAILER HOOK)</td><td>35 WATT</td><td>4411</td></tr> <tr><td>BACK-UP LIGHTS UPPER AND LOWER BUNK READING LIGHT</td><td>15 CP</td><td>1003</td></tr> <tr><td>CABINET / WARDROBE LIGHT</td><td>5W</td><td>7575</td></tr> <tr><td>UNDER BUNK LIGHT</td><td>21 CP / 2(12 CP)</td><td>577 / 211</td></tr> <tr><td>ACCENT LIGHT</td><td>2 (12 CP)</td><td>211</td></tr> <tr><td>DOVE LIGHT LAMP</td><td>15 WATT</td><td>F15T8 - CW</td></tr> <tr><td>SLEEPER FLOOR LIGHT</td><td>4 CP</td><td>W5W</td></tr> <tr><td>HEATER AND AIR CONDITIONER CONTROL</td><td>3 CP</td><td>168</td></tr> <tr><td>LUGGAGE COMPARTMENT LIGHT</td><td>6 CP</td><td>99</td></tr> <tr><td>READING LIGHT</td><td>15 CP</td><td>1003</td></tr> </tbody> </table>								BULB APPLICATION	CANDLEPOWER OR WATT	BULB TRADE NUMBER	BACK-UP LIGHTS	32 CP	GE1156	CLEARANCE & IDENTIFICATION SMALL	3 CP	GE168	COURTESY LIGHT	21 CP	1142	DOVE LIGHTS	21 CP	1142	FOG LIGHTS	100 WATT	4921 - 1	LOW BEAMS	55 WATT	GE9007	HIGH BEAMS	60 WATT	GE9007	CIGAR LIGHTER	1 CP	1455	MAP LIGHT	3 CP	1816	SIDE MARKER		2548	STOP & TURN / TAIL & LICENSE PLATE	32 / 3 CP	3157	TURN SIGNAL / MARKER (FENDER)	32 / 3 CP	3157	TURN SIGNAL & MARKER LIGHT		2356	WORK (TRAILER HOOK)	35 WATT	4411	BACK-UP LIGHTS UPPER AND LOWER BUNK READING LIGHT	15 CP	1003	CABINET / WARDROBE LIGHT	5W	7575	UNDER BUNK LIGHT	21 CP / 2(12 CP)	577 / 211	ACCENT LIGHT	2 (12 CP)	211	DOVE LIGHT LAMP	15 WATT	F15T8 - CW	SLEEPER FLOOR LIGHT	4 CP	W5W	HEATER AND AIR CONDITIONER CONTROL	3 CP	168	LUGGAGE COMPARTMENT LIGHT	6 CP	99	READING LIGHT	15 CP	1003
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CNA1	11NOV10	INITIAL RELEASE.	A	67696A	U01A133	CIRCUIT DIAGRAM, TERRASTAR																																																																									
					RELEASE NO.	DATE	PART NO. SHEET																																																																								
					67696A	04AUG10	AE08064593 007																																																																								

Figure 7 Lamp Bulb Chart

2.8. RELAY FUNCTION AND WIRING DIAGRAM, P. 8

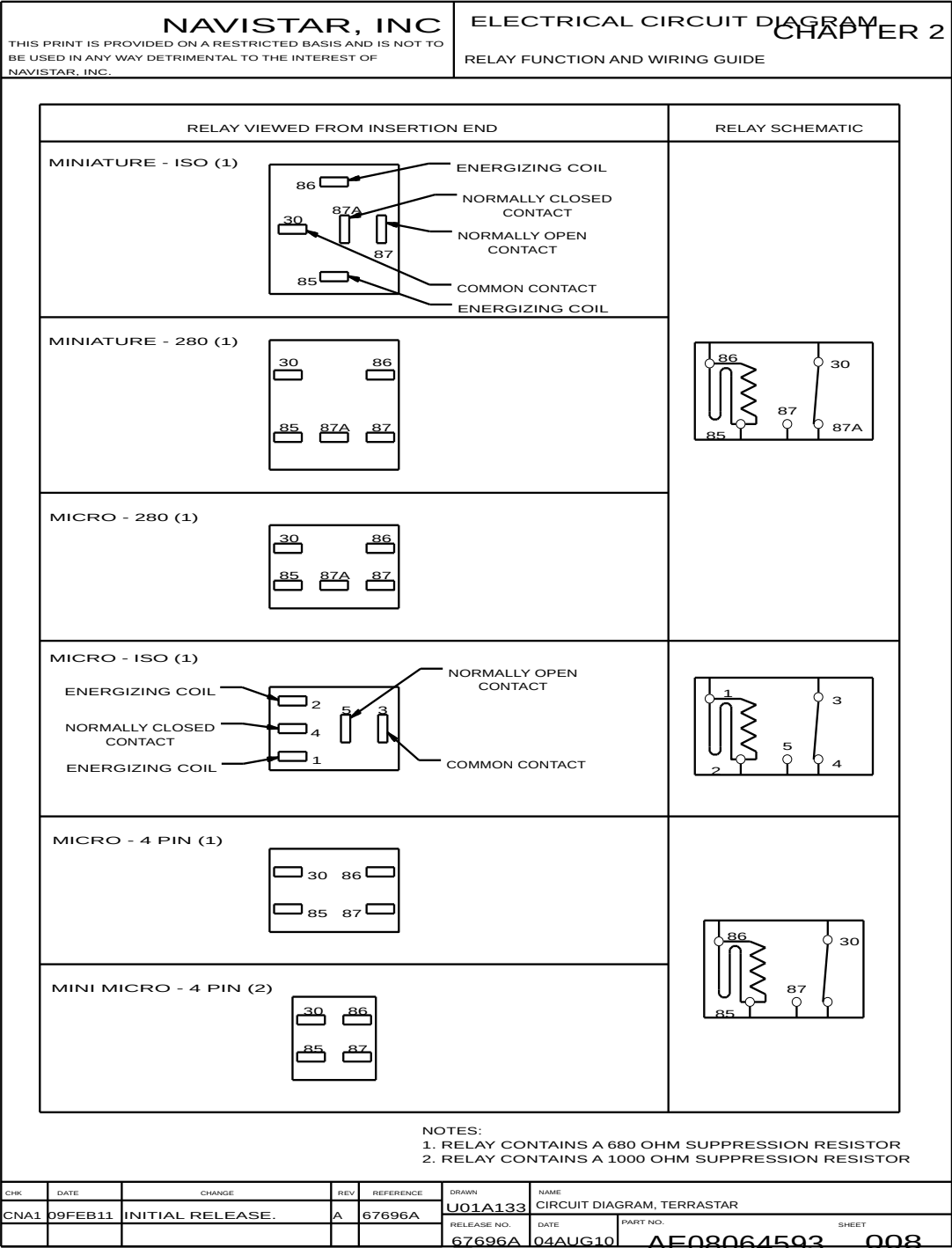


Figure 8 Relay Function and Wiring Diagram

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	
		AIR DRYER				CIGAR LIGHTER	
		ALARM		TYPE 1 TYPE 2 OR 3 		CIRCUIT BREAKER	
		ALTERNATOR				DIODE	
		AMMETER				DIODE, LIGHT EMITTING	
		BATTERY				FAN SOLENOID	
		BLUNT CUT CIRCUIT				FEMALE TERMINAL	
		BUSBAR				FUSE	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	11NOV10	INITIAL RELEASE.	A	67696A	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	04AUG10	AE08064593
							009

Figure 9 Schematic Symbol Chart

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

NAVISTAR, INC.					ELECTRICAL CIRCUIT DIAGRAM				
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SYMBOL		DESCRIPTION			SYMBOL		DESCRIPTION		
		FUSES W/ BUSBAR					HORN		
		FUSIBLE LINK					KEY SWITCH		
		GROUND N/ STUD					KEY SWITCH, COMPLEX		
		GROUND W/ STUD					LIGHT W/ SWITCH		
		HEATER					LIGHT, DOUBLE FILAMENT		
		HOLDER, FUSE W/ BUSBAR					LIGHT, SINGLE FILAMENT		
		BRACE							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
CNA1	11NOV10	INITIAL RELEASE.	A	67696A	U01A133	CIRCUIT DIAGRAM, TERRASTAR			
					RELEASE NO.	DATE	PART NO.	SHEET	
					67696A	04AUG10	AE08064593	010	

Figure 10 Schematic Symbol Chart (Cont.)

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

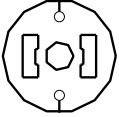
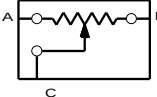
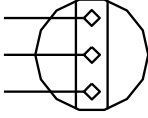
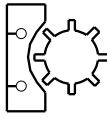
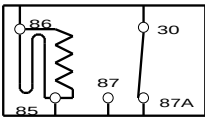
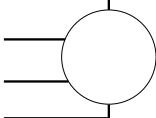
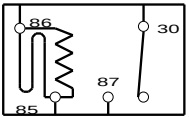
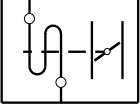
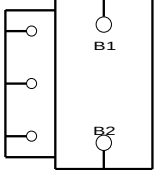
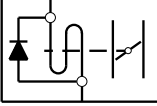
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CHAPTER 2				
					SCHEMATIC SYMBOL CHART (CONT)				
SYMBOL		DESCRIPTION			SYMBOL		DESCRIPTION		
		MALE TERMINAL					RESISTOR		
		MOTOR					SENDER - FUEL, OIL, 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			
CNA1	11NOV10	INITIAL RELEASE.	A	67696A	U01A133	CIRCUIT DIAGRAM, TERRASTAR			
					RELEASE NO.	DATE	PART NO.	SHEET	
					67696A	04AUG10	AE08064593	011	

Figure 11 Schematic Symbol Chart (Cont.)

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

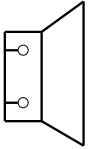
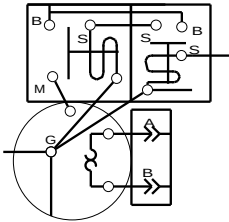
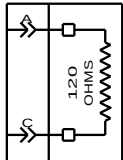
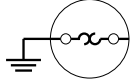
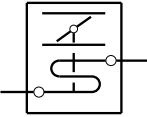
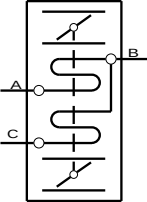
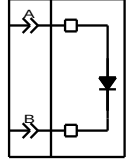
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2				
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					SCHEMATIC SYMBOL CHART (CONT)				
SYMBOL					DESCRIPTION				
					SPEAKER				
					SPLICE				
					STUD				
					START MOTOR W/ TOCP				
					SWITCH, MECHANICAL (NORMALLY OPEN)				
					SWITCH, MECHANICAL (NORMALLY CLOSED)				
SYMBOL					DESCRIPTION				
					SWITCH, PUSH BUTTON				
					TERMINATING RESISTOR				
					THERMOSTAT				
					VALVE, ETHER BOTTLE				
					VALVE, MODULATOR				
					DIODE ASSEMBLY				
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME			
CNA1	11NOV10	INITIAL RELEASE.	A	67696A	U01A133	CIRCUIT DIAGRAM, TERRASTAR			
					RELEASE NO.	DATE	PART NO.	SHEET	
					67696A	04AUG10	AE08064593	012	

Figure 12 Schematic Symbol Chart (Cont.)

12 VOLT POWER DISTRIBUTION, GROUNDS, DATA BUS AND ELECTRICAL SYSTEM CONTROLLER (CHAPTER 3)

3.1. BATTERY FEED, DUAL, P. 1

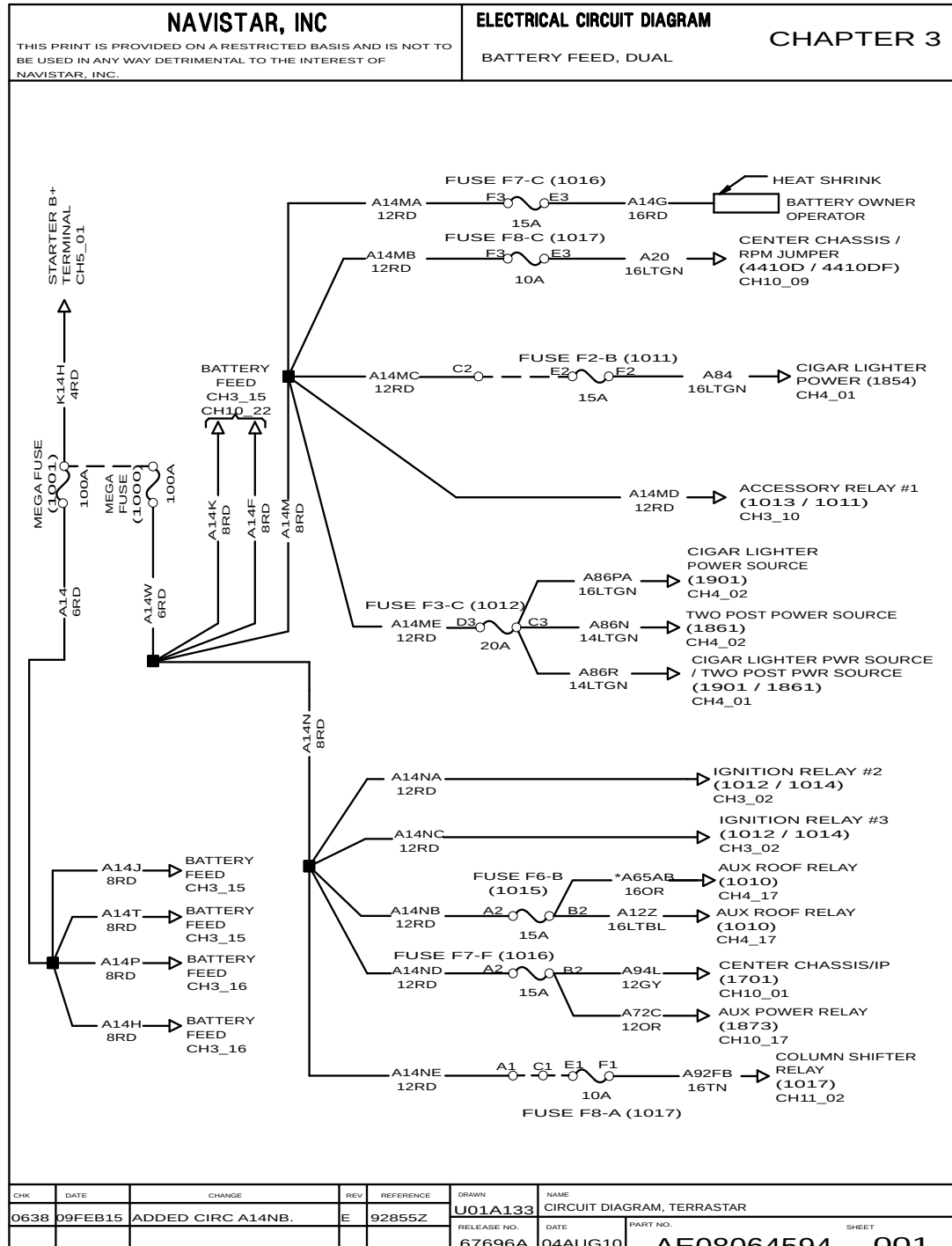


Figure 13 Battery Feed, Dual

3.2. IGNITION FEED – STANDARD, THEFT DETERRENT, REMOTE START / STOP, P. 2

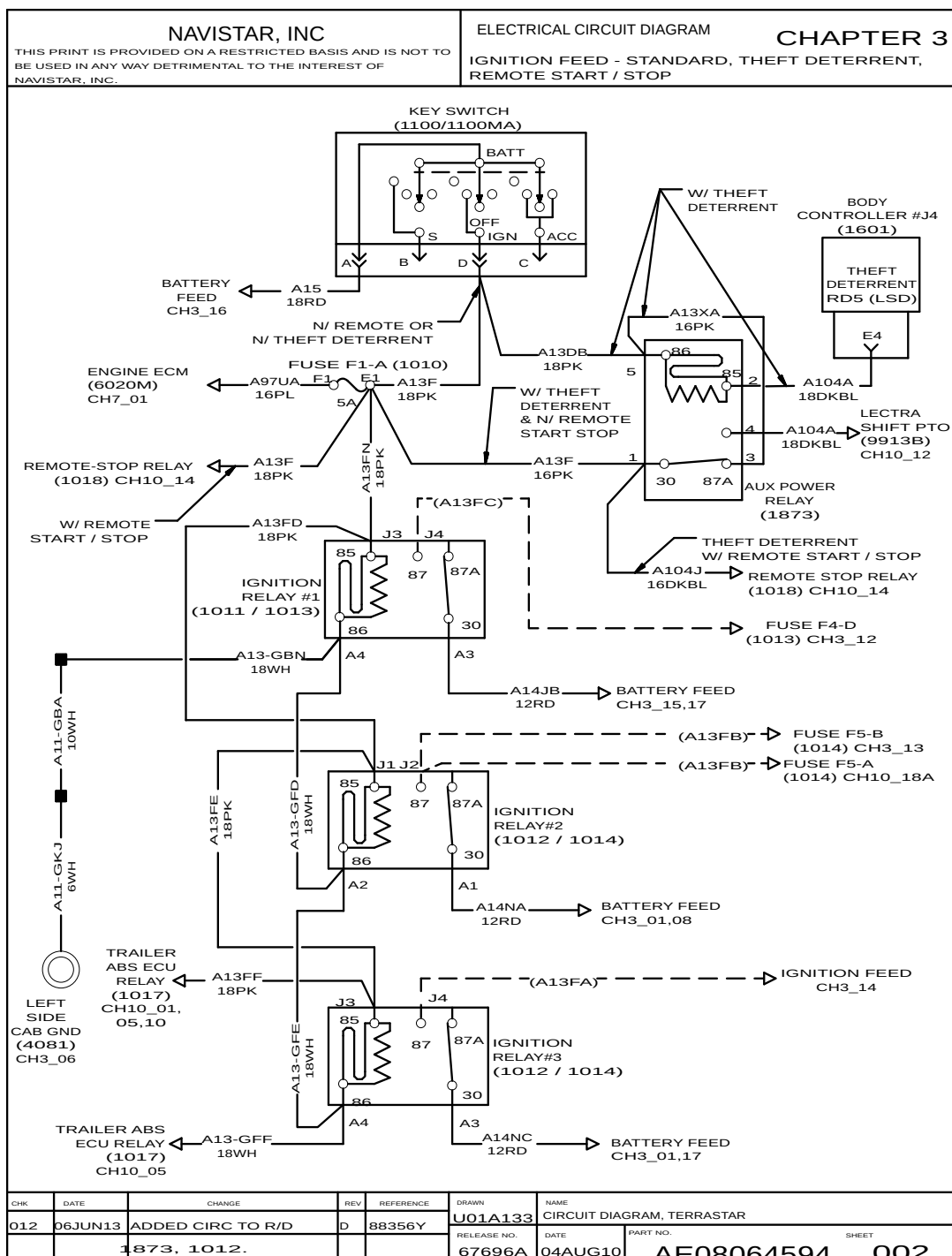


Figure 14 Ignition Feed – Standard, Theft Deterrent, Remote Start / Stop

3.3. J708 DATA LINK – PUBLIC EFFECTS, P. 3

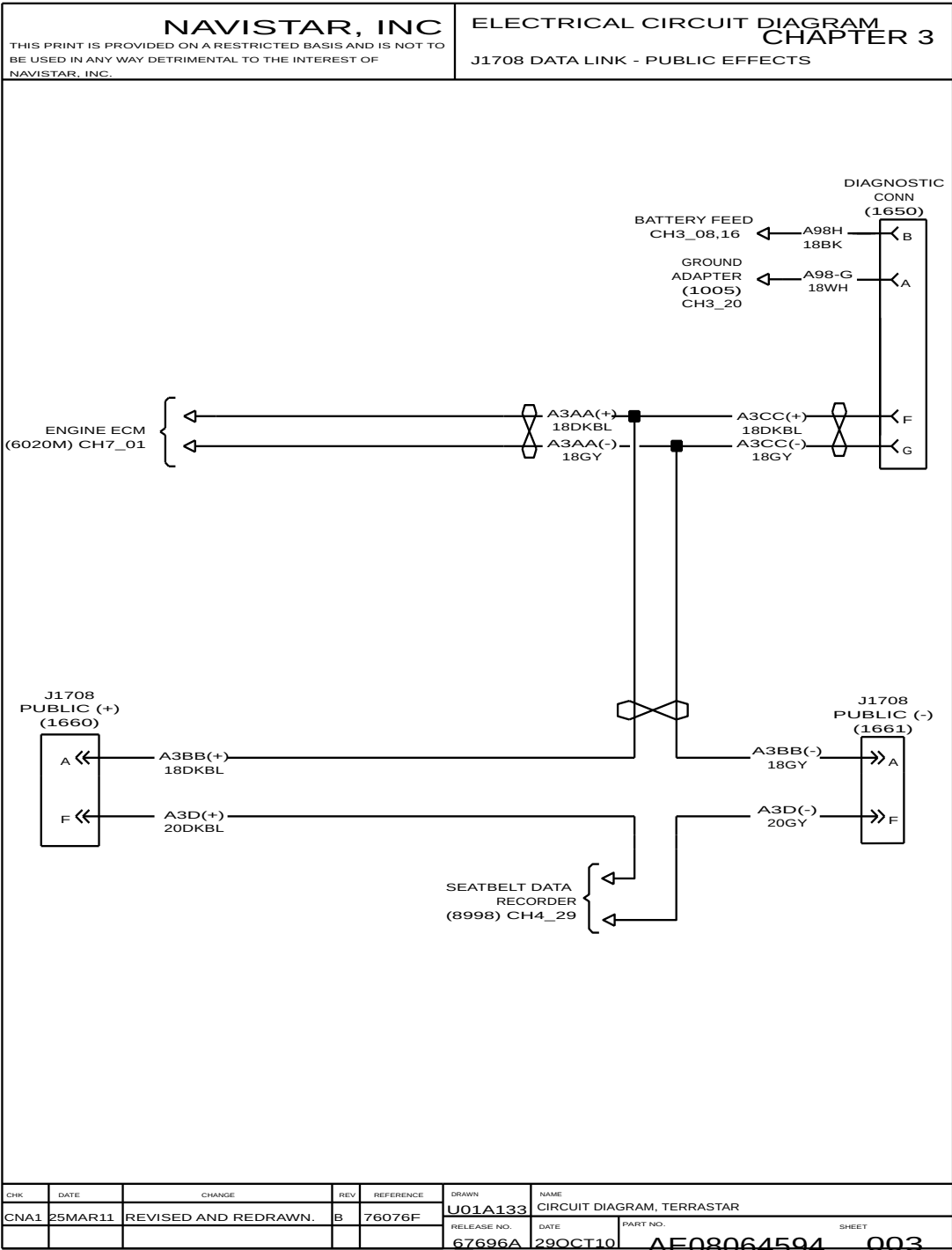


Figure 15 J708 Data Link – Public Effects

3.4. J1708 DATA LINK – PRIVATE WITH POWER WINDOW AND LOCK, P. 4

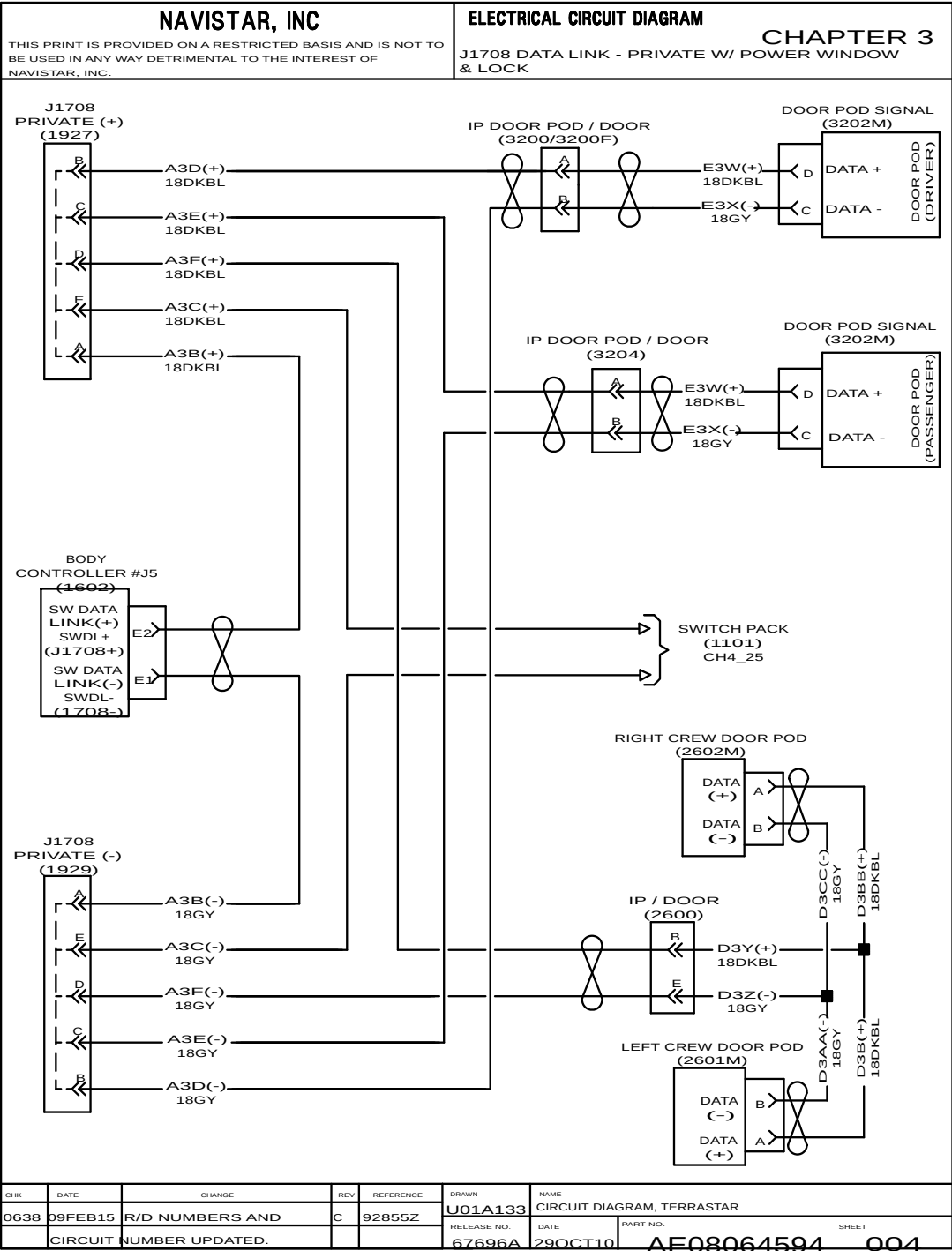


Figure 16 J1708 Data Link – Private with Power Window and Lock

3.5. J1939 DATA LINK, P. 5

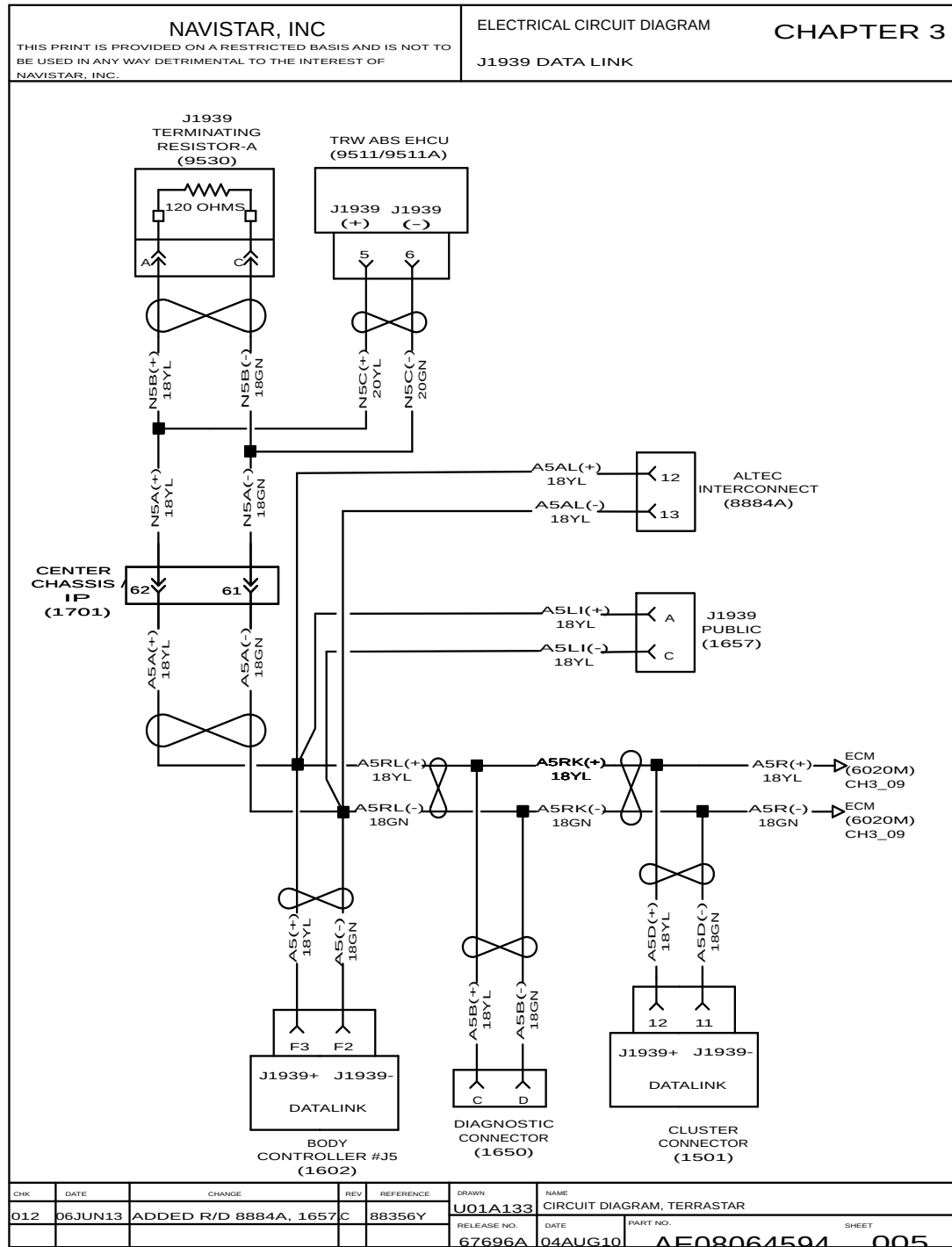


Figure 17 J1939 Data Link

3.6. GROUND – IP, P. 6

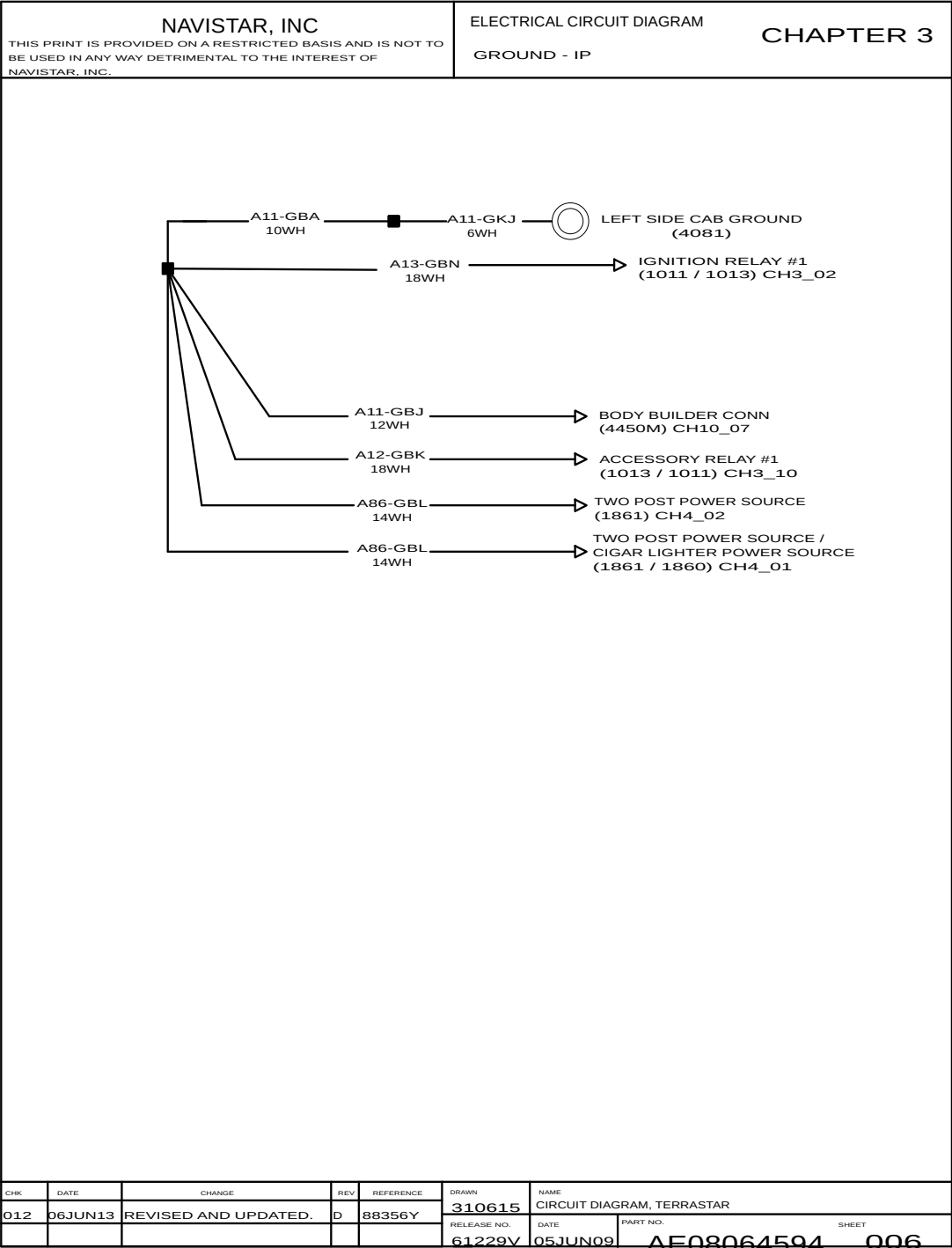


Figure 18 Ground – IP

3.7. ZERO VOLT REFERENCE, P. 7

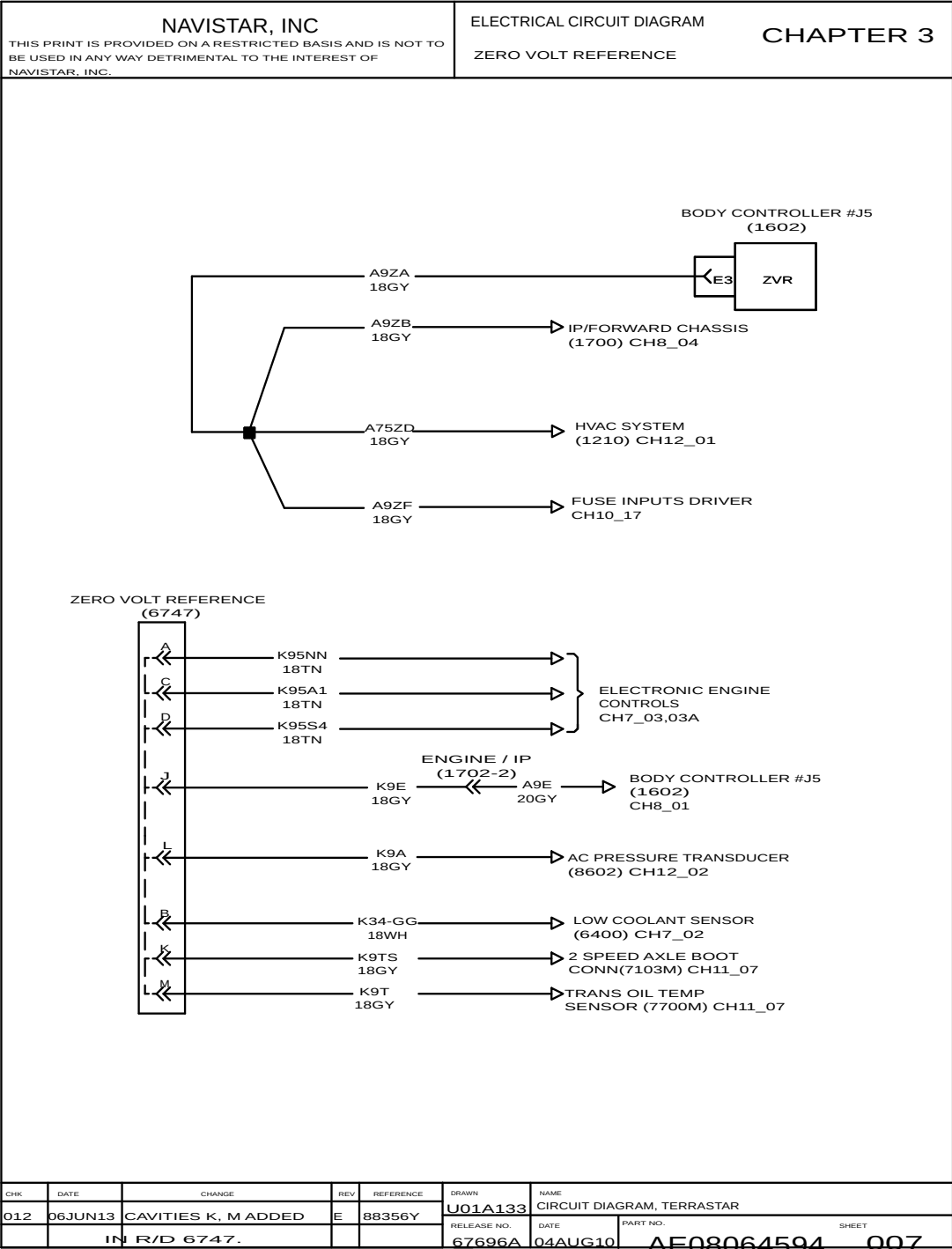


Figure 19 Zero Volt Reference

3.8. BATTERY FEED, SINGLE, P. 8

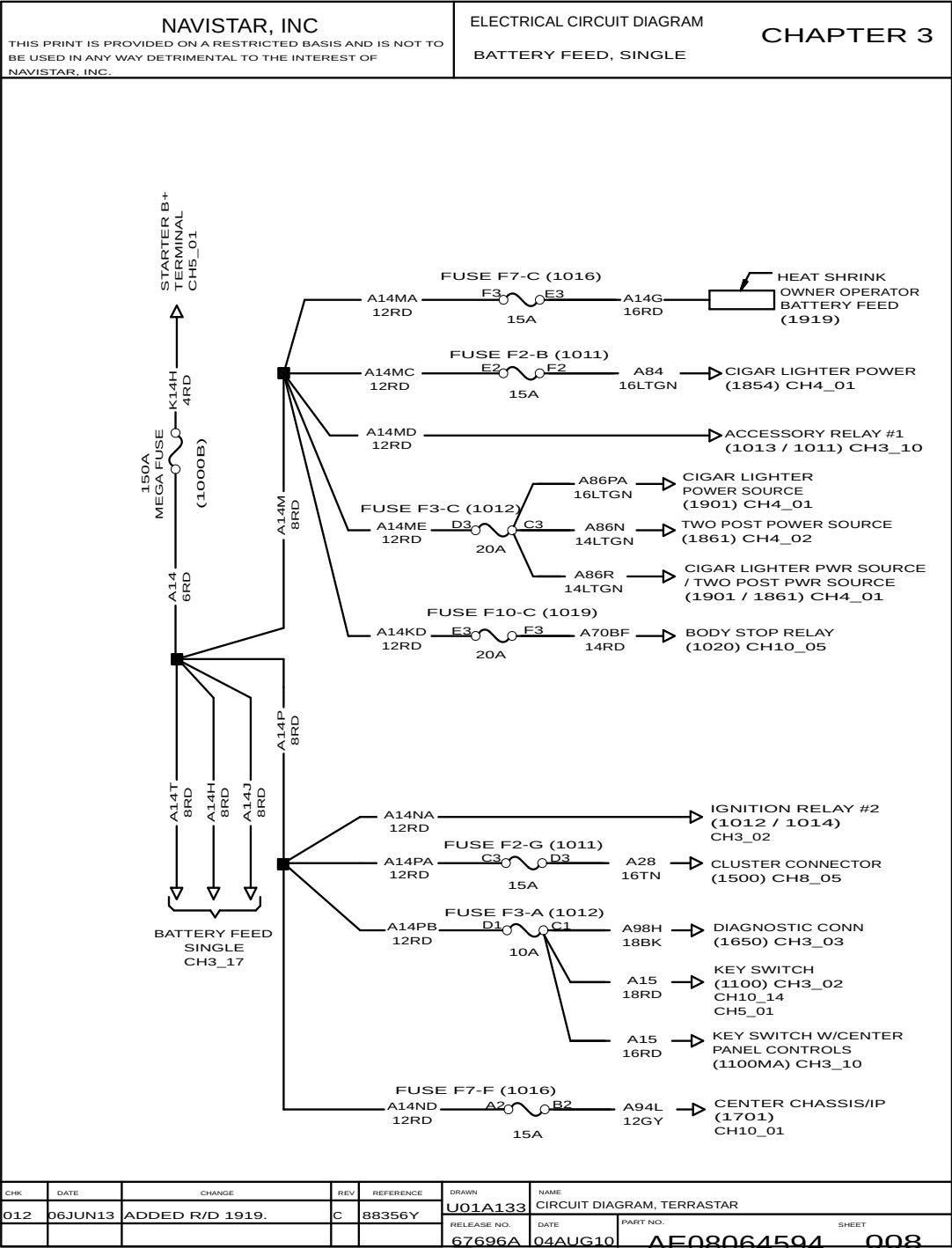


Figure 20 Battery Feed, Single

3.9. J1939 DATA LINK – V8 ENGINE, P. 9

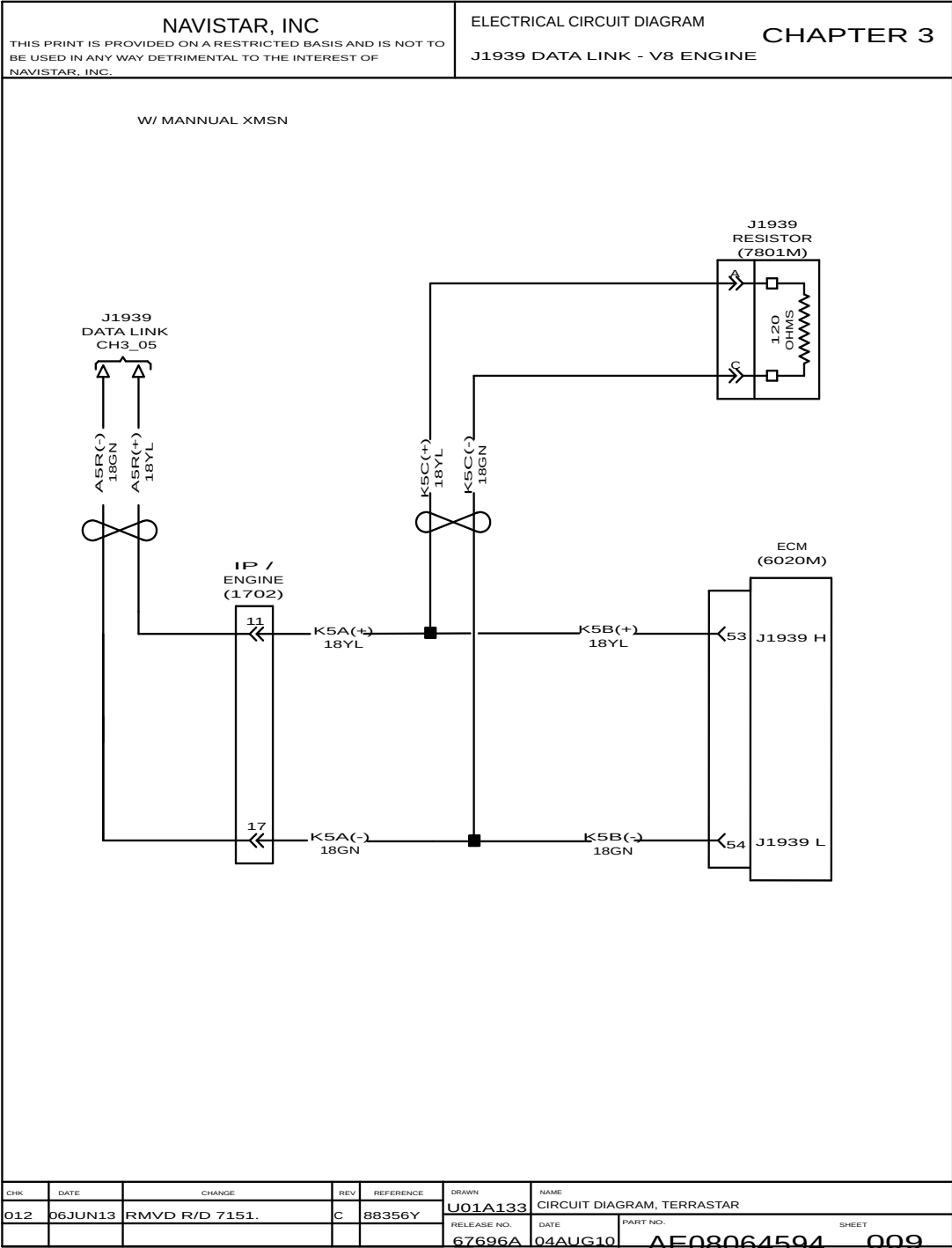


Figure 21 J1939 Data Link – V8 Engine

3.10. J1939 DATA LINK – V8 ENGINE WITH ALLISON WTEC, P. 9A

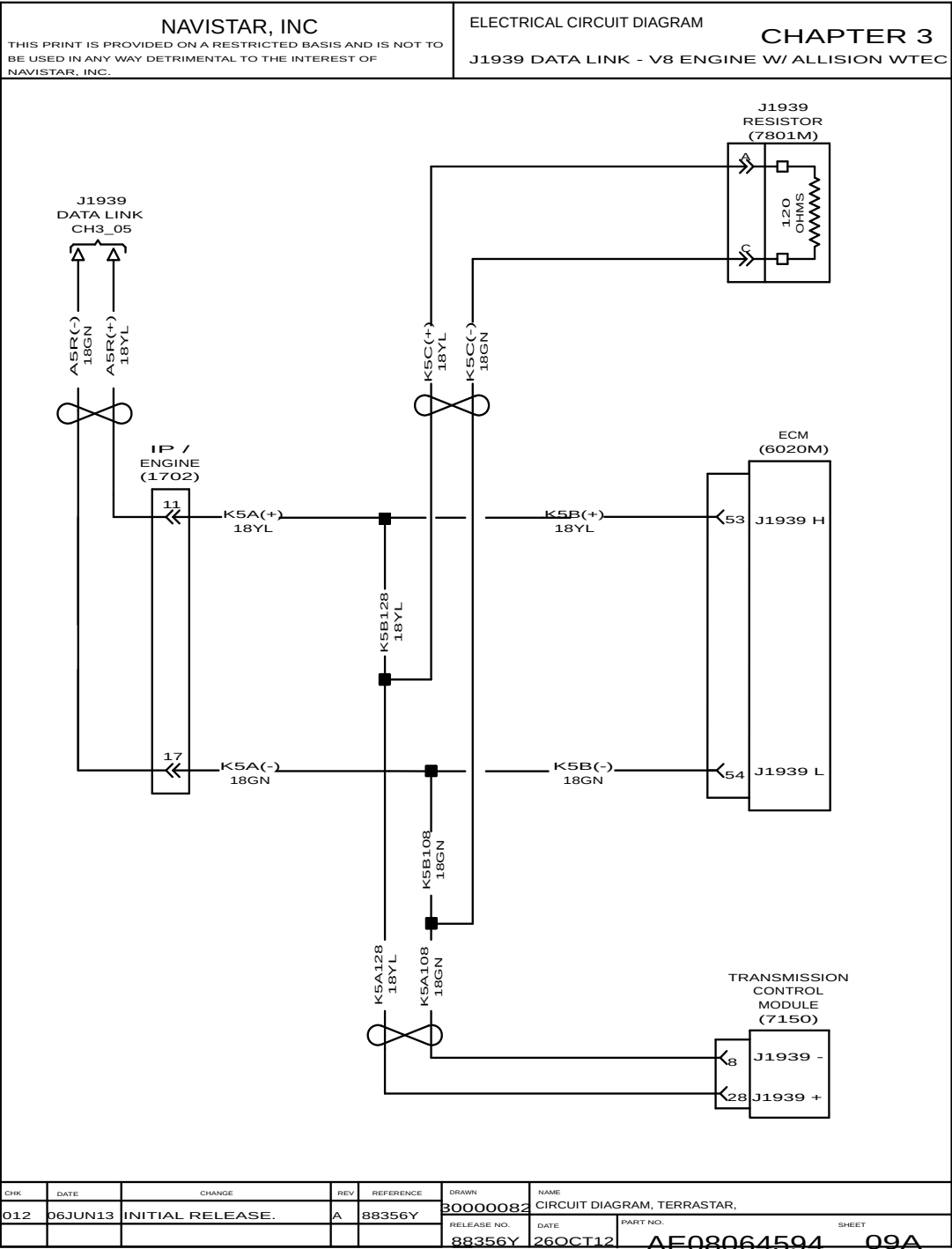


Figure 22 J1939 Data Link – V8 Engine with Allison WTEC

3.11. J1939 DATA LINK – V8 ENGINE WITH ALLISON LCT WITH IN-CAB TCM, P. 9B

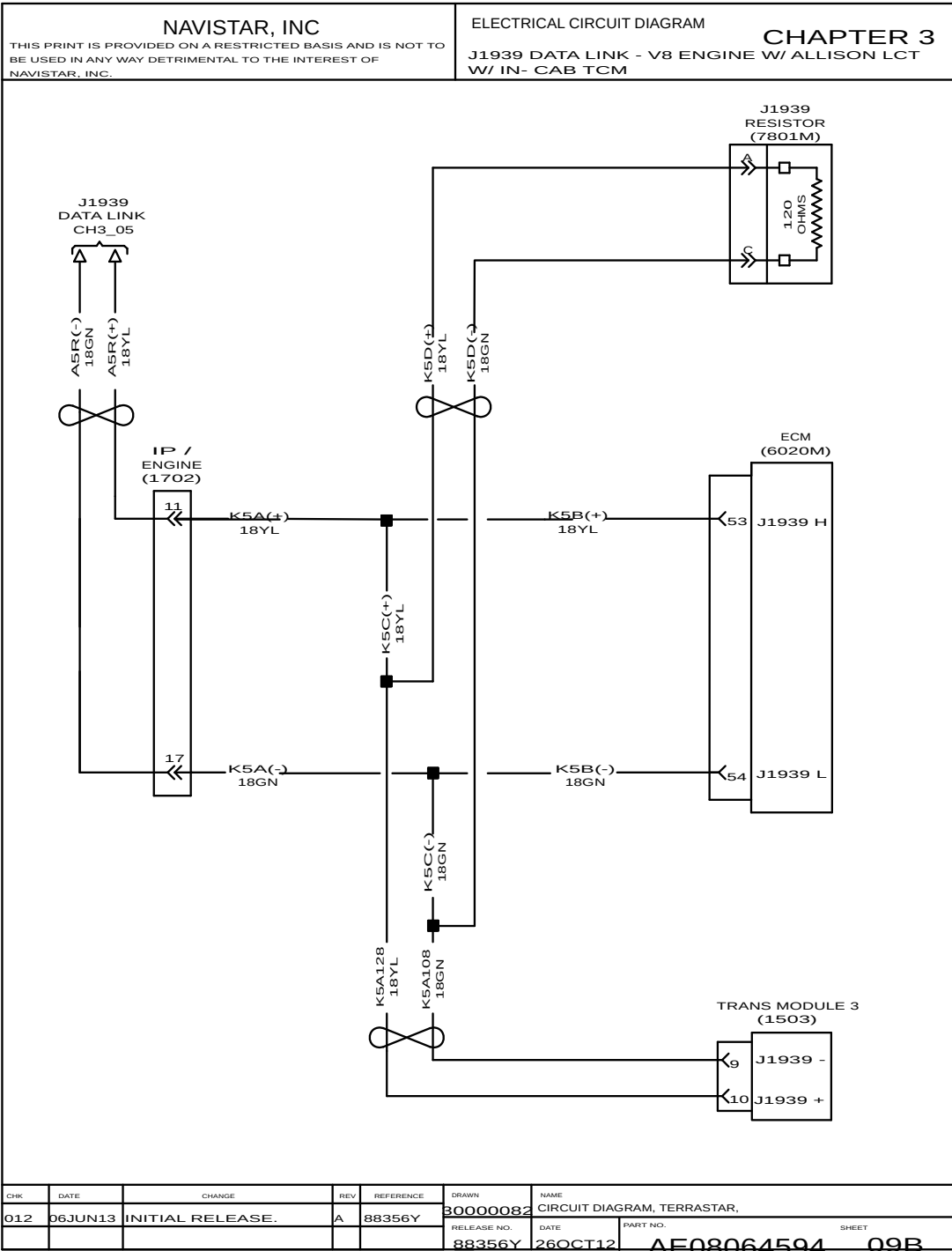


Figure 23 J1939 Data Link – V8 Engine with Allison LCT with In-Cab TCM

3.12. ACCESSORY FEED, P. 10

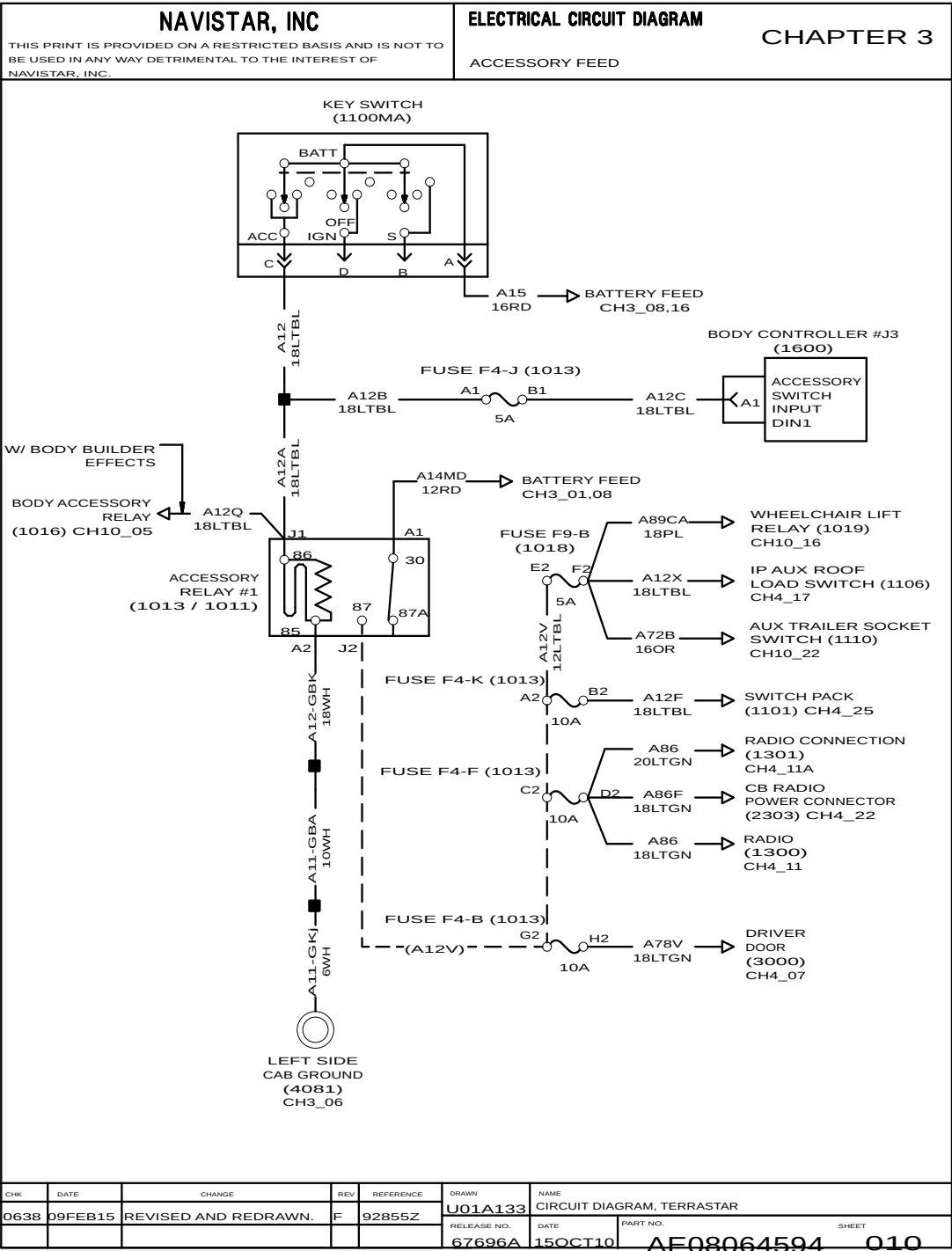


Figure 24 Accessory Feed

3.13. J1939 DATA LINK – WITH OPTIONS, P. 11

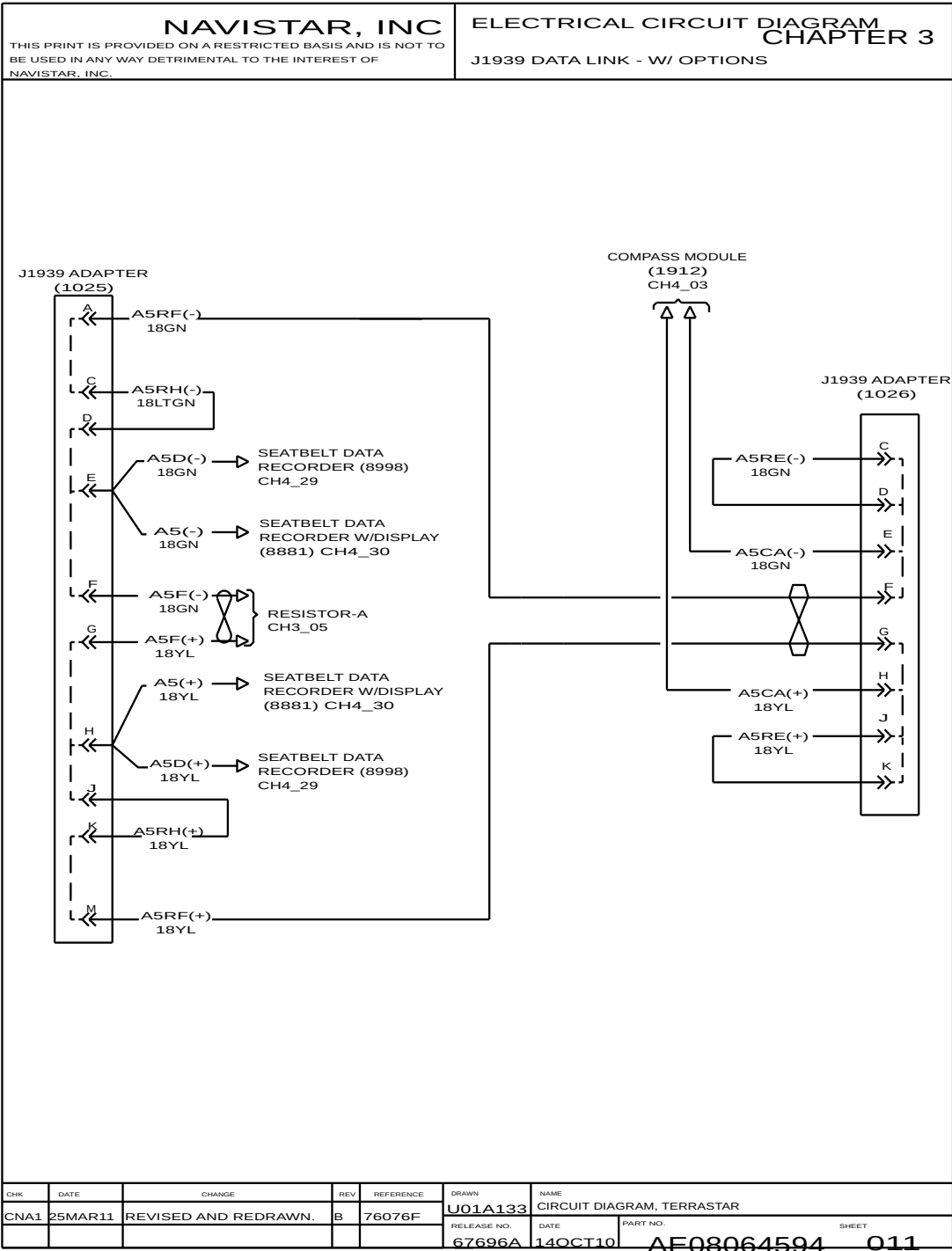


Figure 25 J1939 Data Link – with Options

3.14. IGNITION FEED - RELAY 1, P. 12

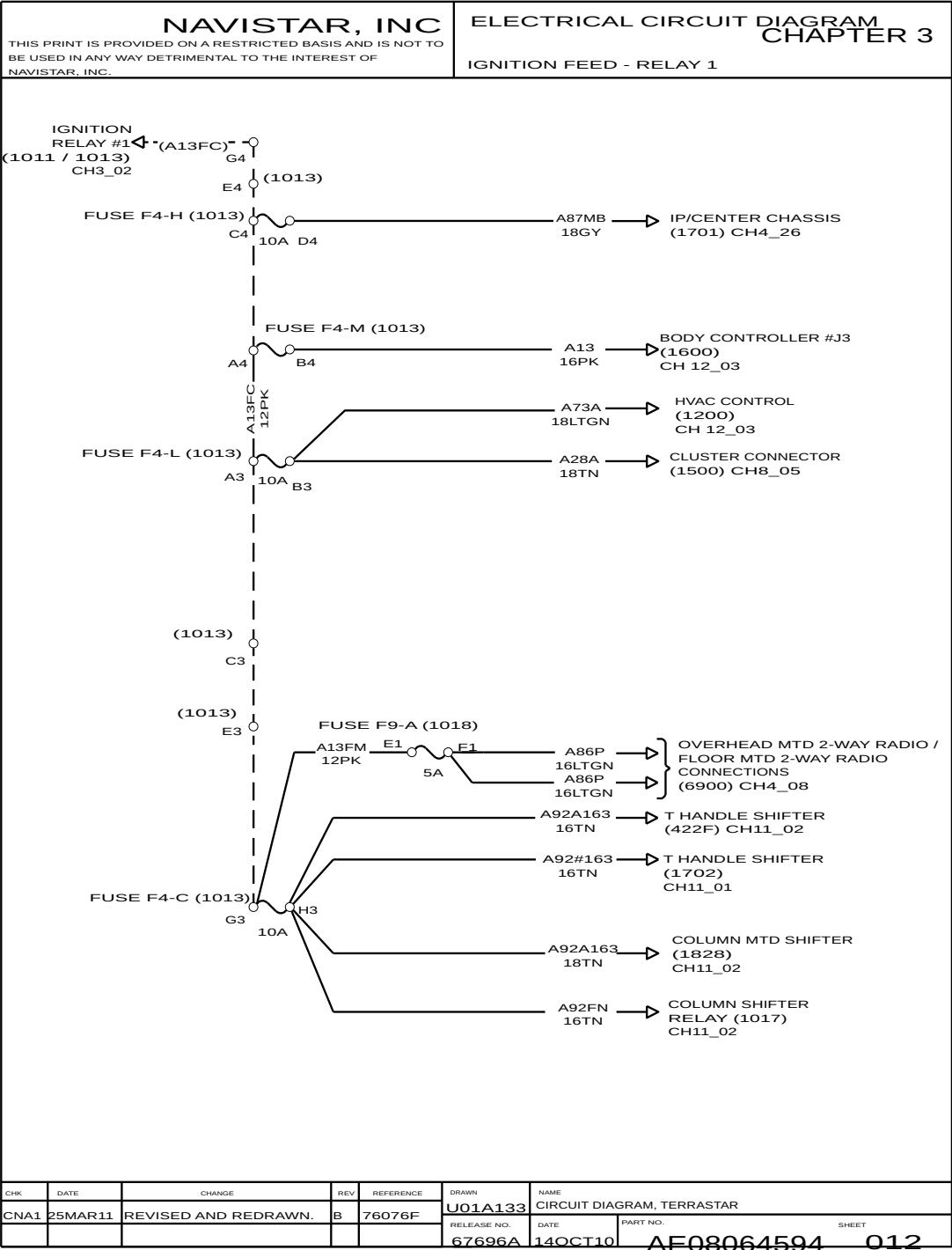


Figure 26 Ignition Feed - Relay 1

3.15. INTENTIONALLY LEFT BLANK, P. 13

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 3 IGNITION FEED - RELAY 2			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	15OCT10	AE08064594
						SHEET	013

Figure 27 Intentionally Left Blank

3.16. IGNITION FEED – RELAY 3, P. 14

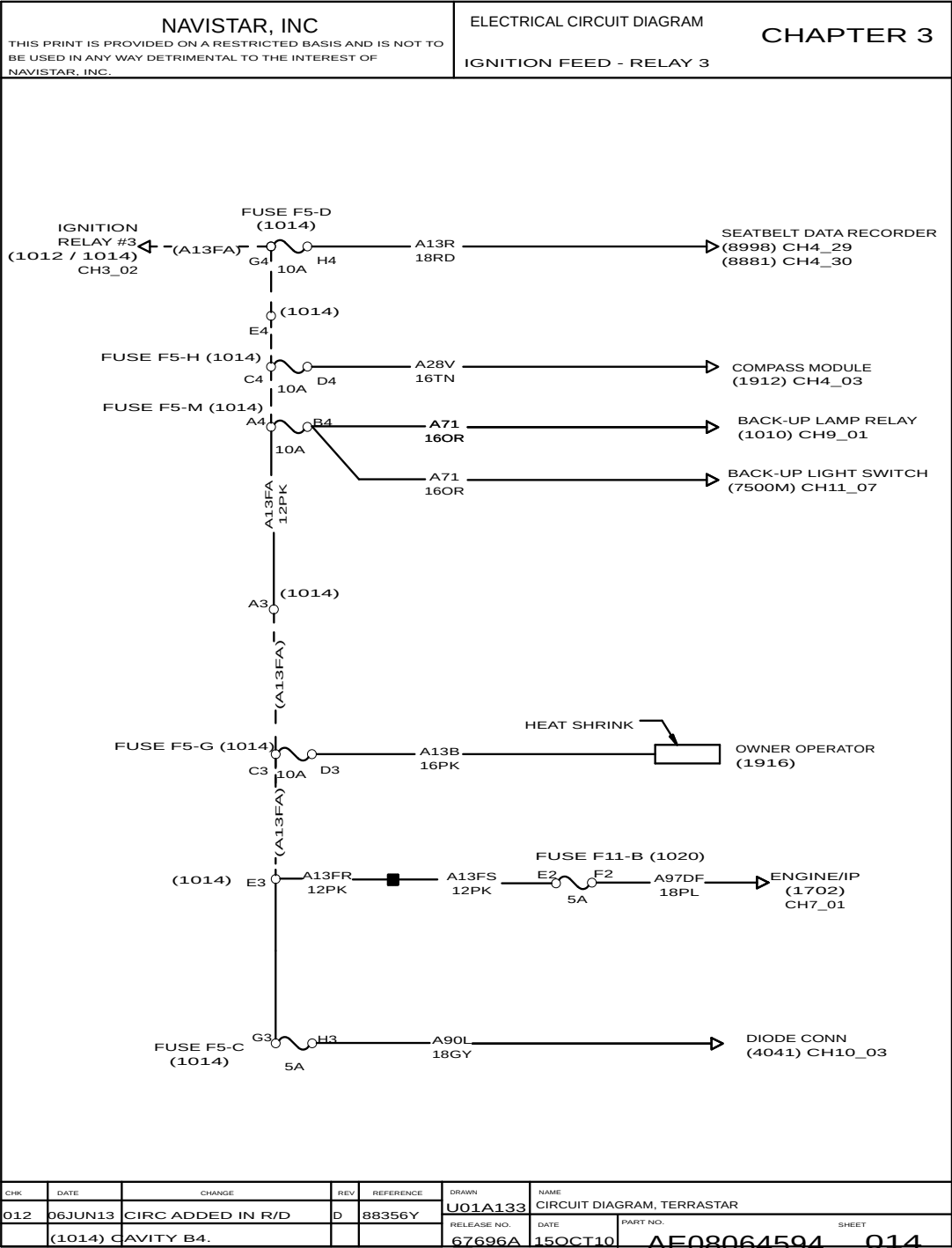


Figure 28 Ignition Feed – Relay 3

3.17. BATTERY FEED, DUAL, P. 15

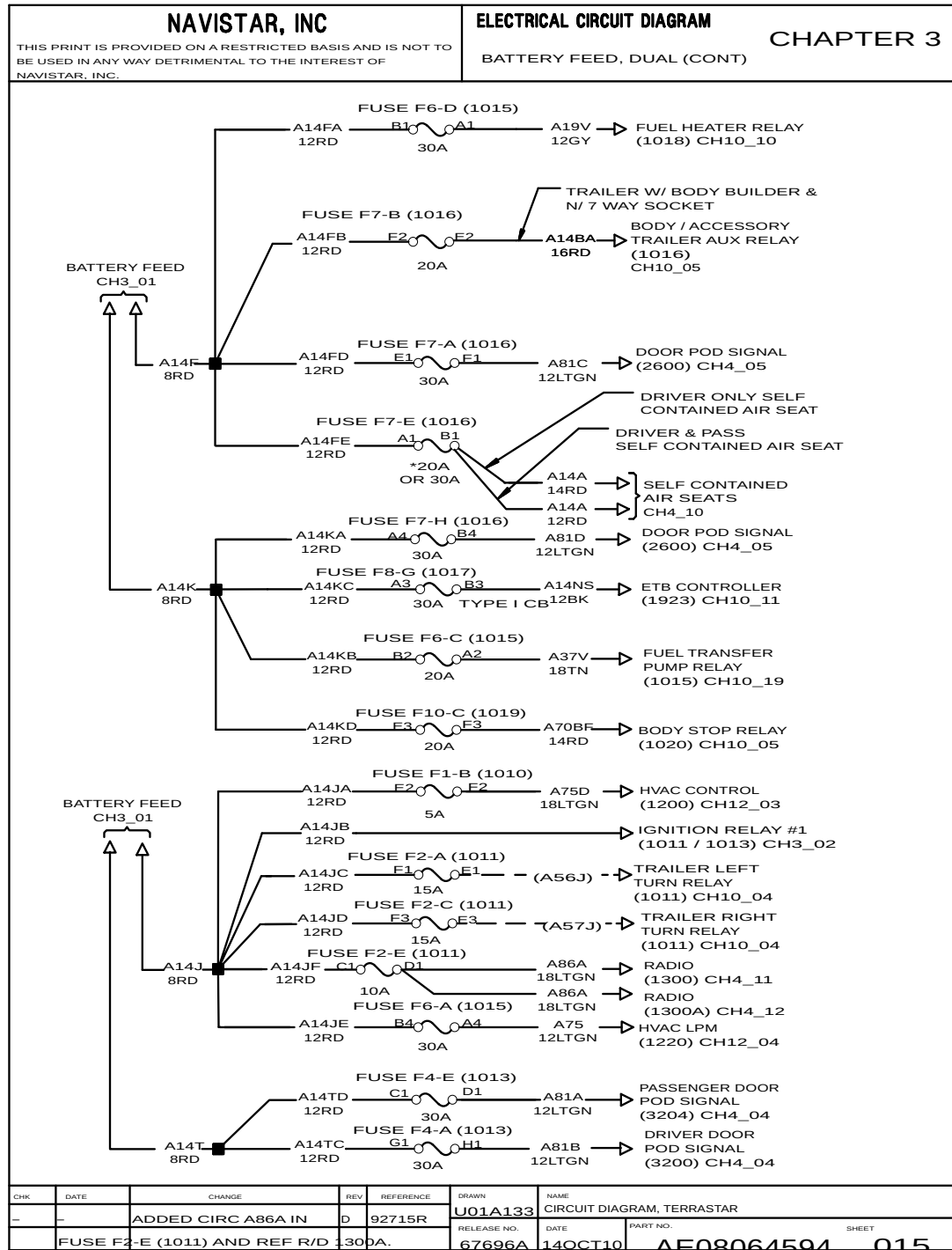


Figure 29 Battery Feed, Dual

3.18. BATTERY FEED, DUAL (CONT.), P. 16

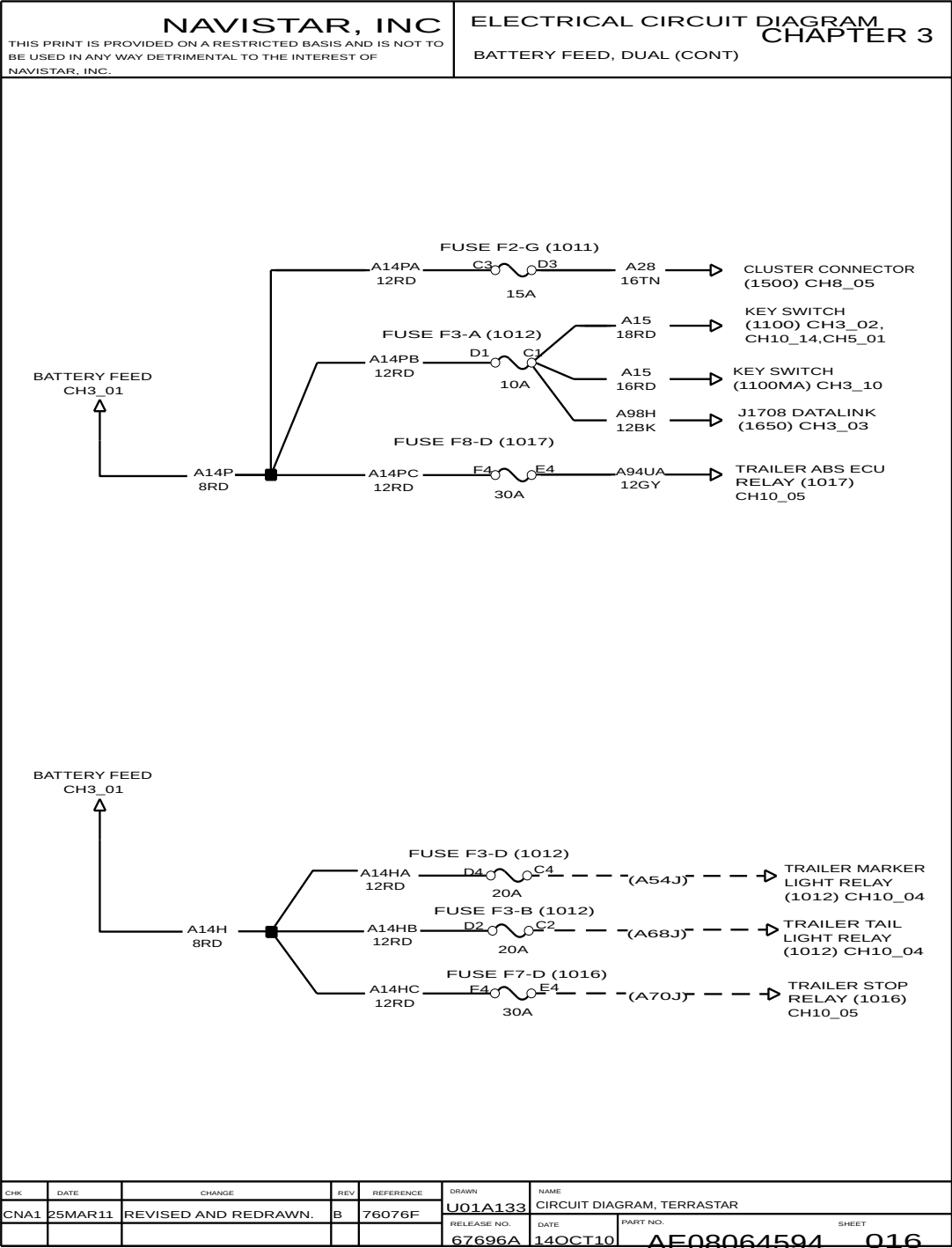
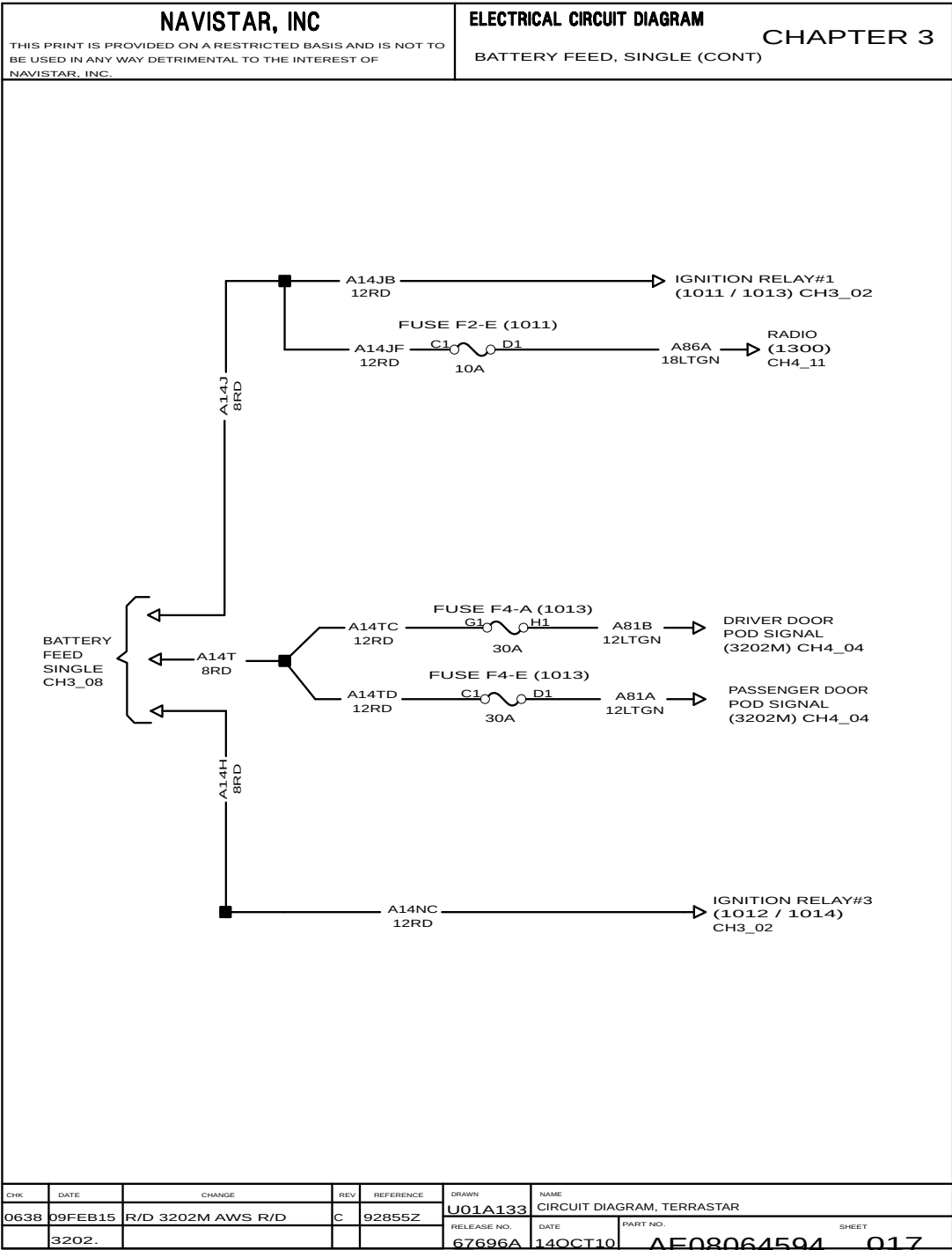


Figure 30 Battery Feed, Dual (Cont.)

3.19. BATTERY FEED, SINGLE, P. 17



3.20. INTENTIONALLY LEFT BLANK, P. 18

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 3 LATCHING RELAY			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	01NOV10	AE08064594
						SHEET	
						018	

Figure 32 Intentionally Left Blank

3.21. GROUND – SEAT AND SEAT BELT SENSOR, P. 19

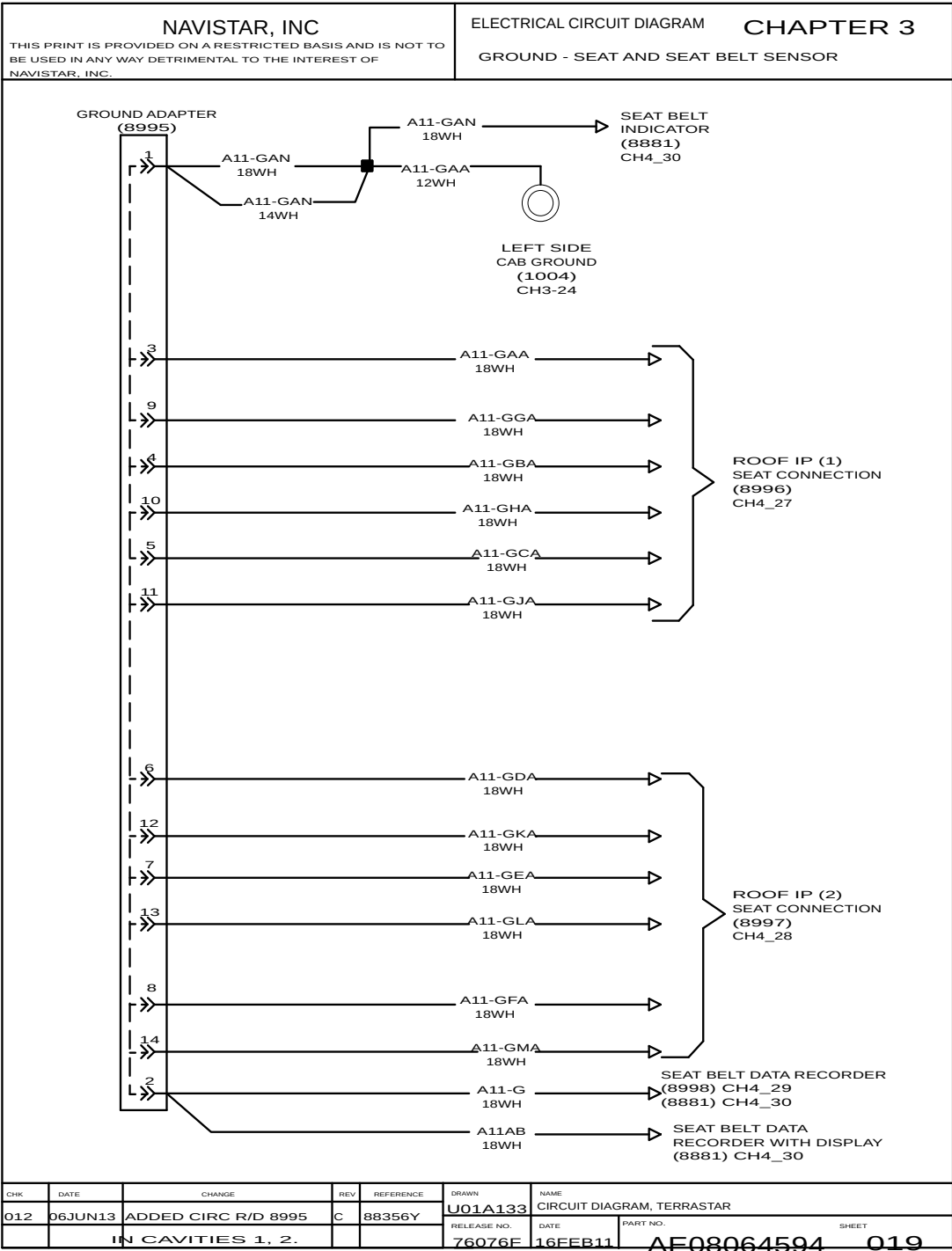


Figure 33 Ground – Seat and Seat Belt Sensor



3.23. GROUND – IP (CONT.), P. 21

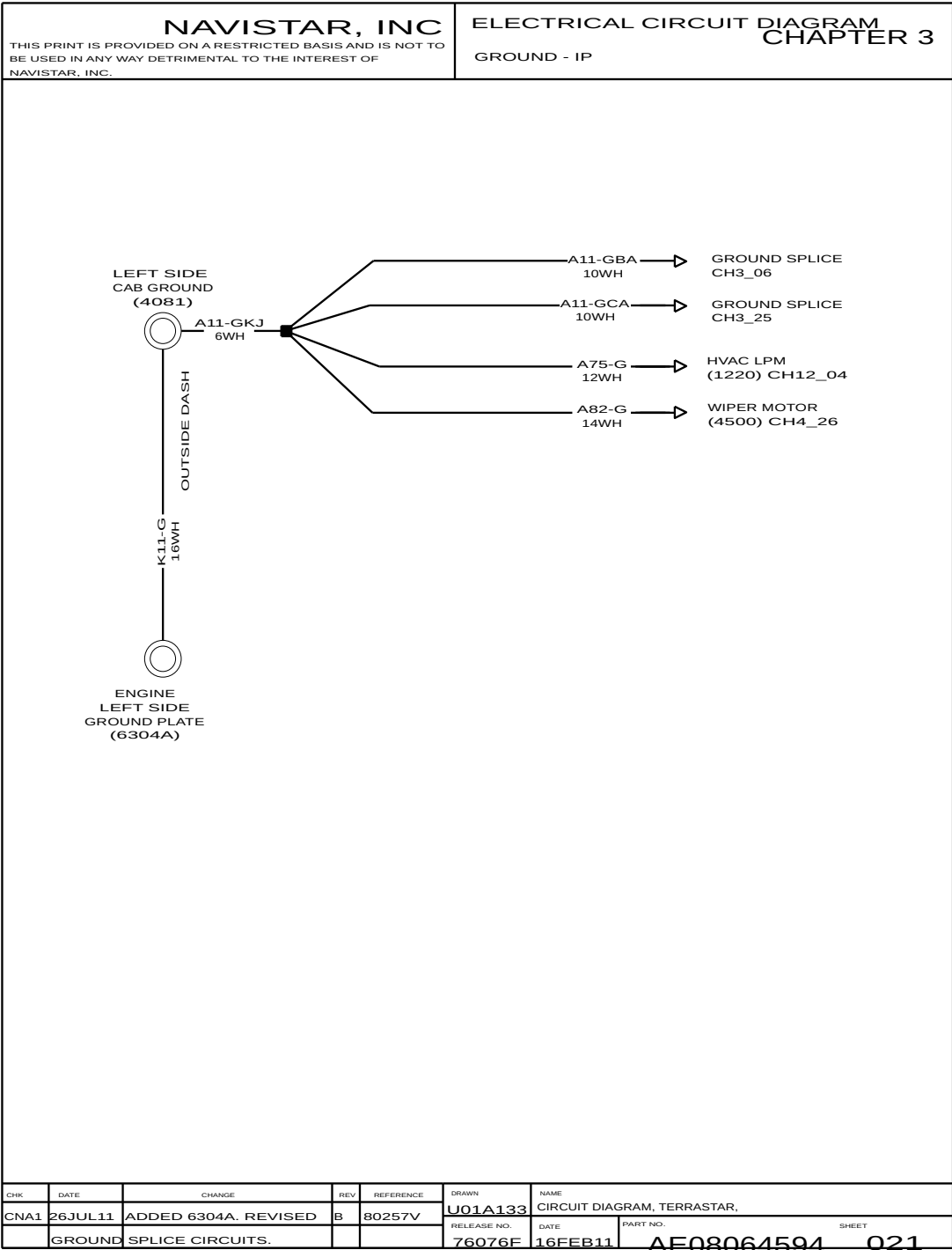


Figure 35 Ground – IP (Cont.)

3.24. GROUND – IP (CONT.), P. 22

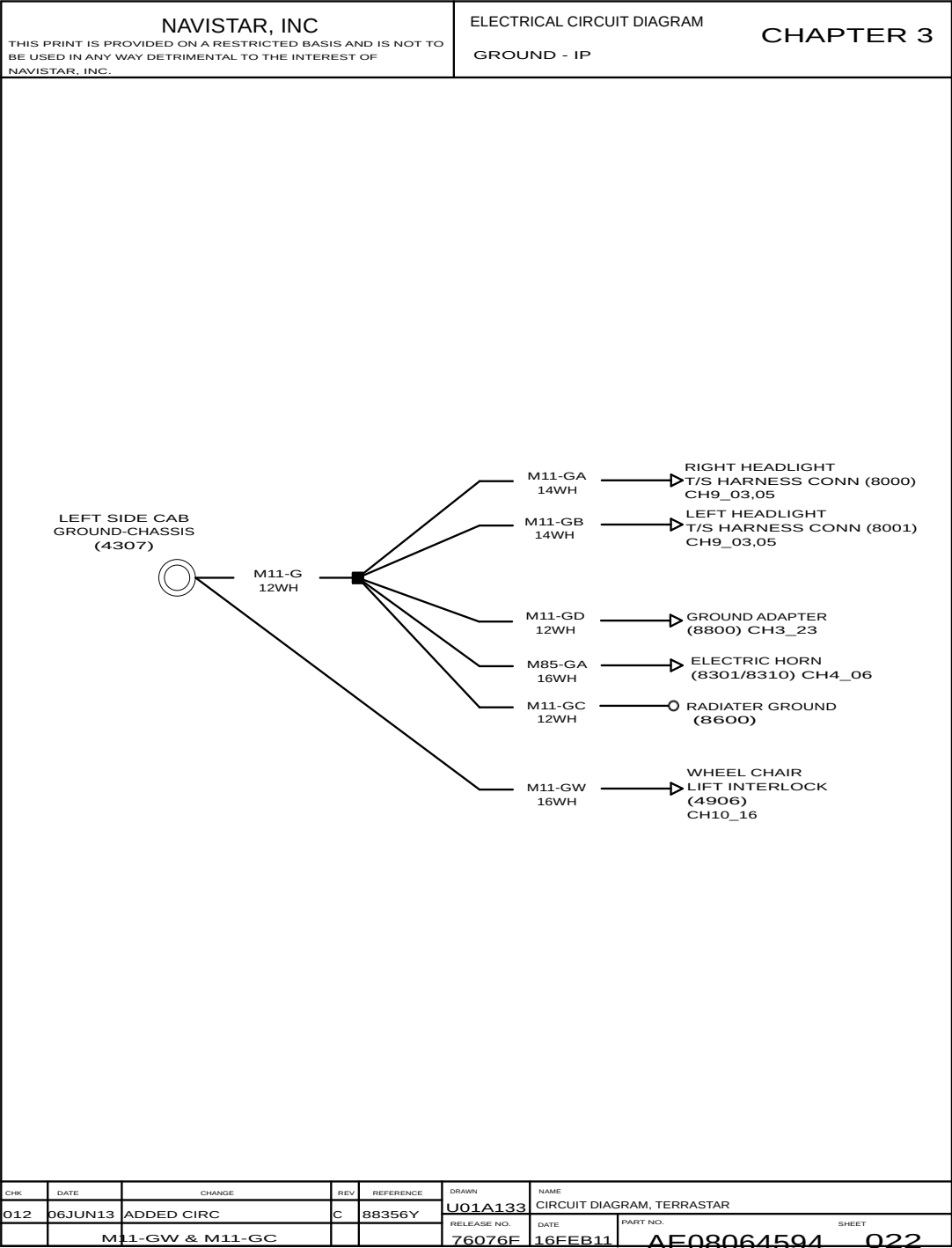
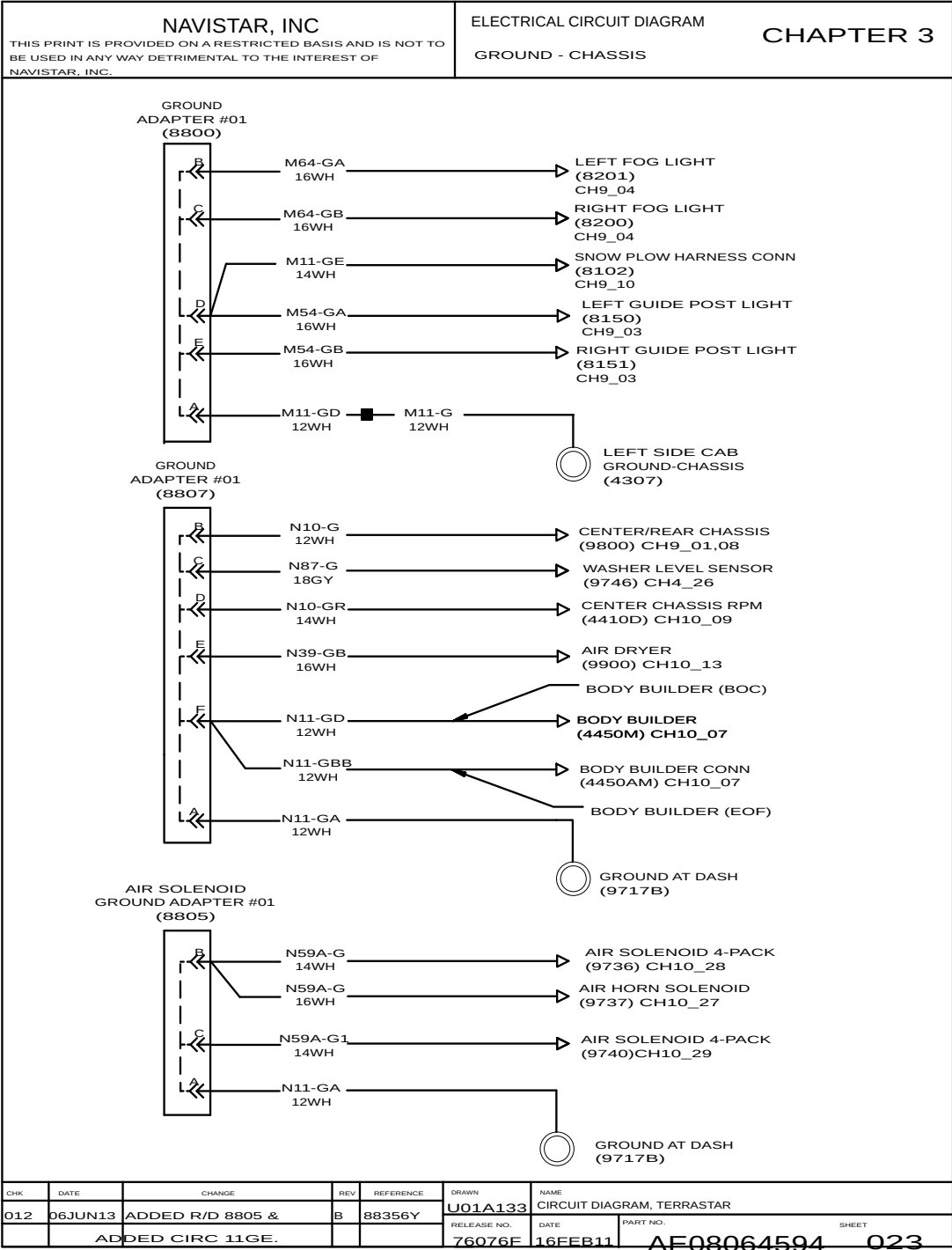


Figure 36 Ground – IP (Cont.)

3.25. GROUND – CHASSIS, P. 23



3.26. GROUND – IP, P. 24

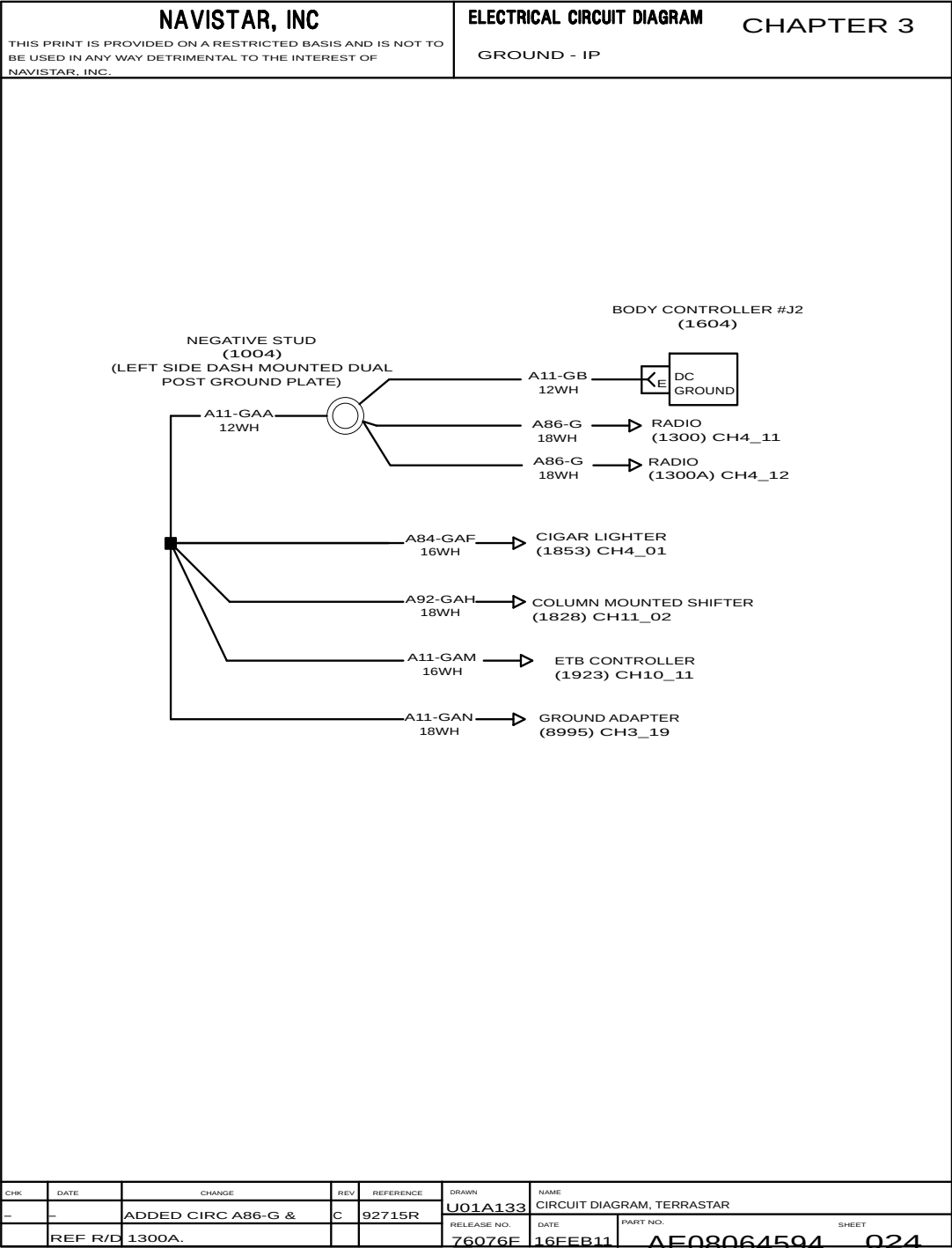


Figure 38 Ground – IP (Cont.)

3.27. GROUND – IP (CONT.), P. 25

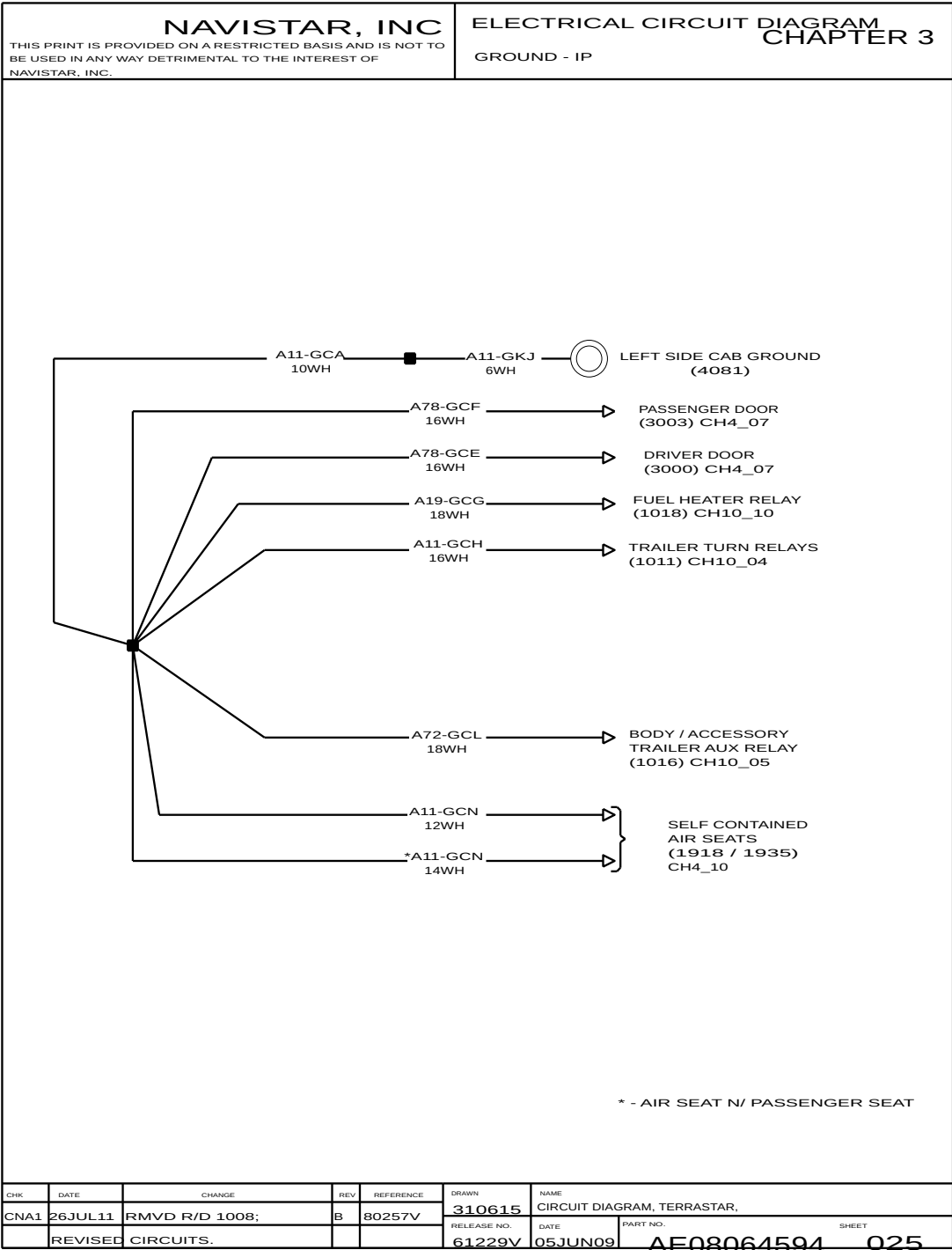


Figure 39 Ground – IP (Cont.)

3.28. GROUND – CHASSIS, P. 26

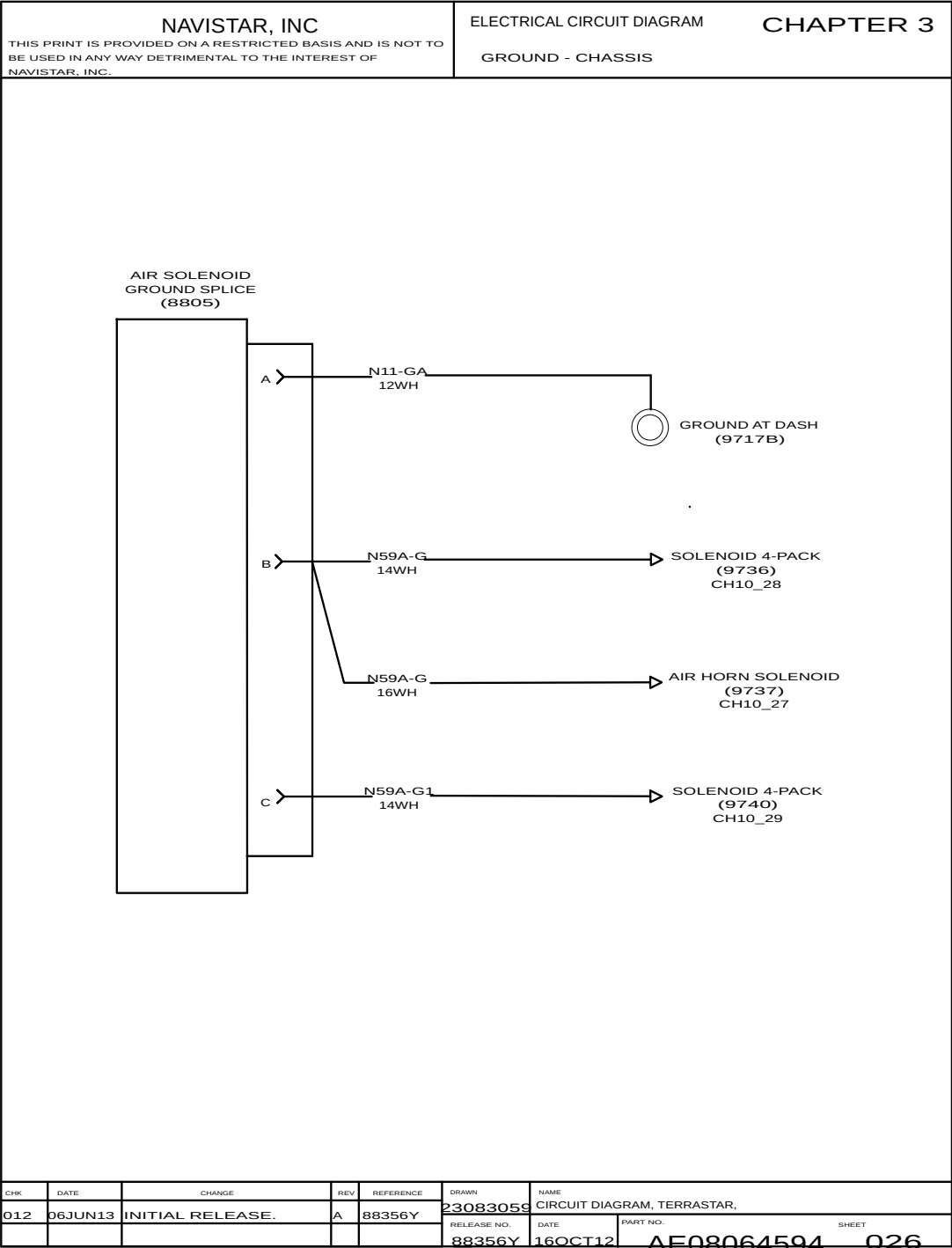


Figure 40 Ground – Chassis

3.29. INTENTIONALLY LEFT BLANK, P. 27

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 3 INTENTIONALLY LEFT BLANK			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
0610	07AUG13	INITIAL RELEASE.	A	92246F	MJV0088	CIRCUIT DIAGRAM, TERRASTAR.	
					RELEASE NO.	DATE	PART NO.
					92246F	29JUL13	AE08064594
						SHEET	
						027	

Figure 41 Intentionally Left Blank

3.30. GROUND – TRAILER SOCKET AND FUEL PUMP, P. 28

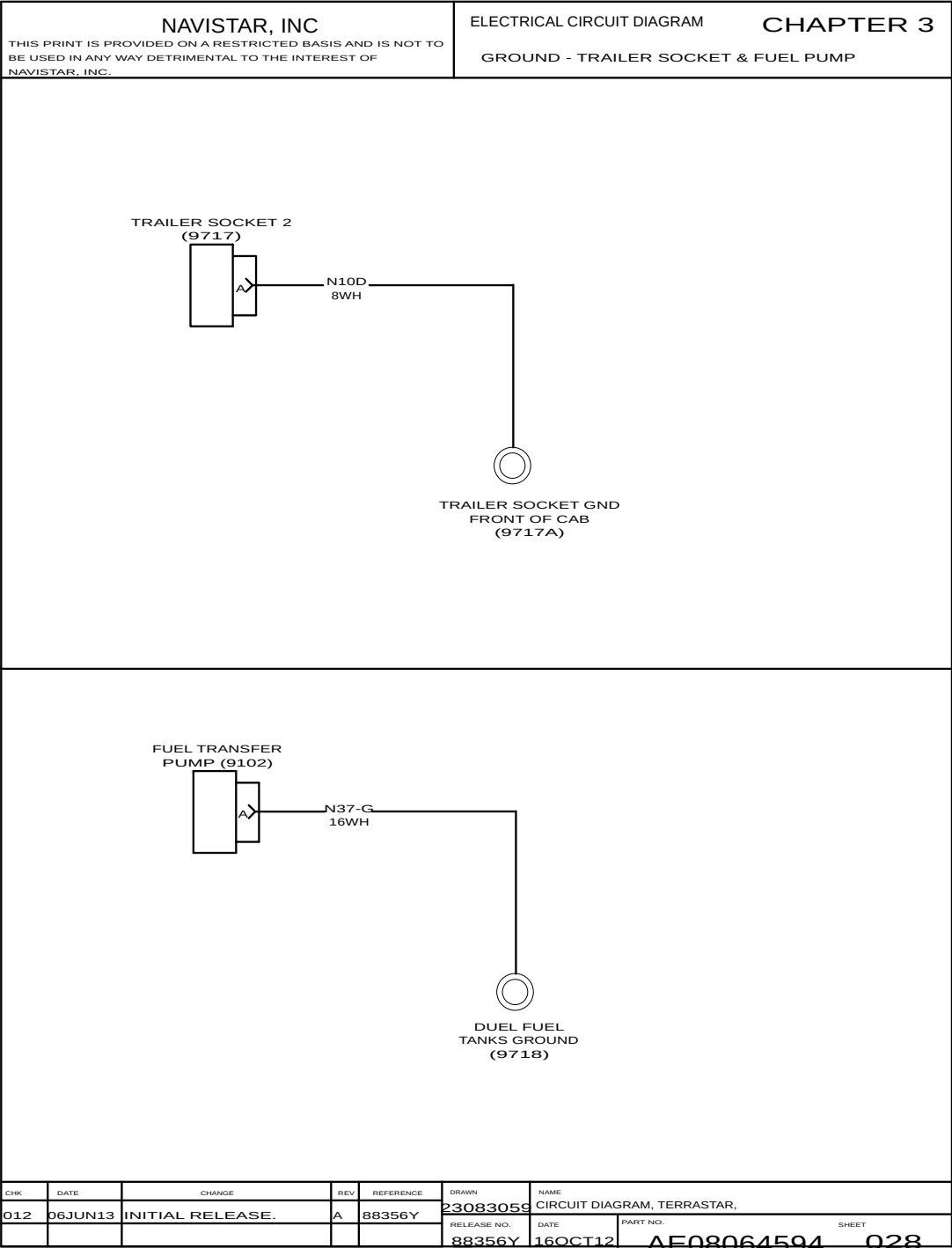


Figure 42 Ground – Trailer Socket and Fuel Pump

CAB ACCESSORIES (CHAPTER 4)

4.1. CIGAR LIGHTER AND POWER FEED, P. 1

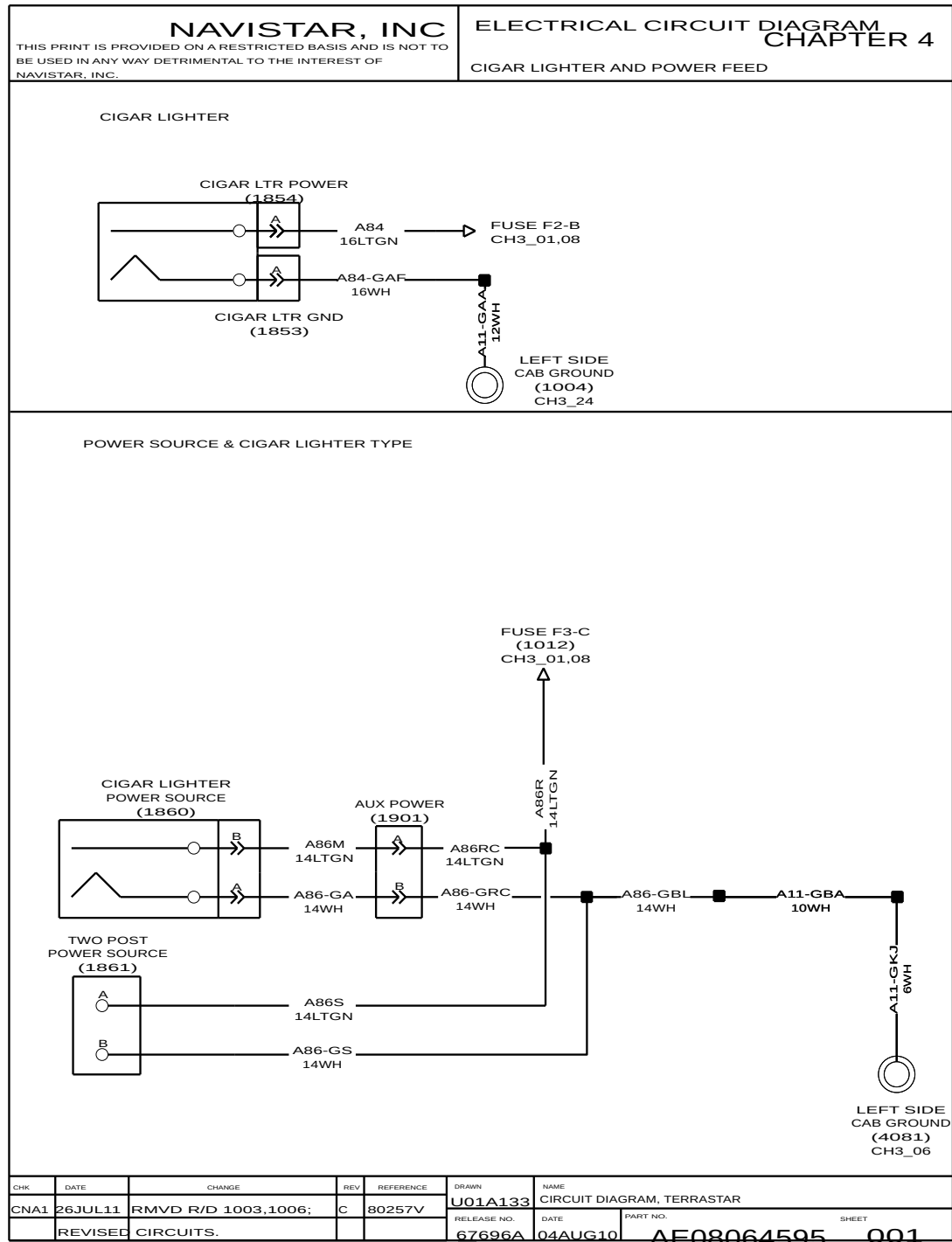


Figure 43 Cigar Lighter and Power Feed

4.2. CIGAR LIGHTER AND POWER FEED (CONT.), P. 2

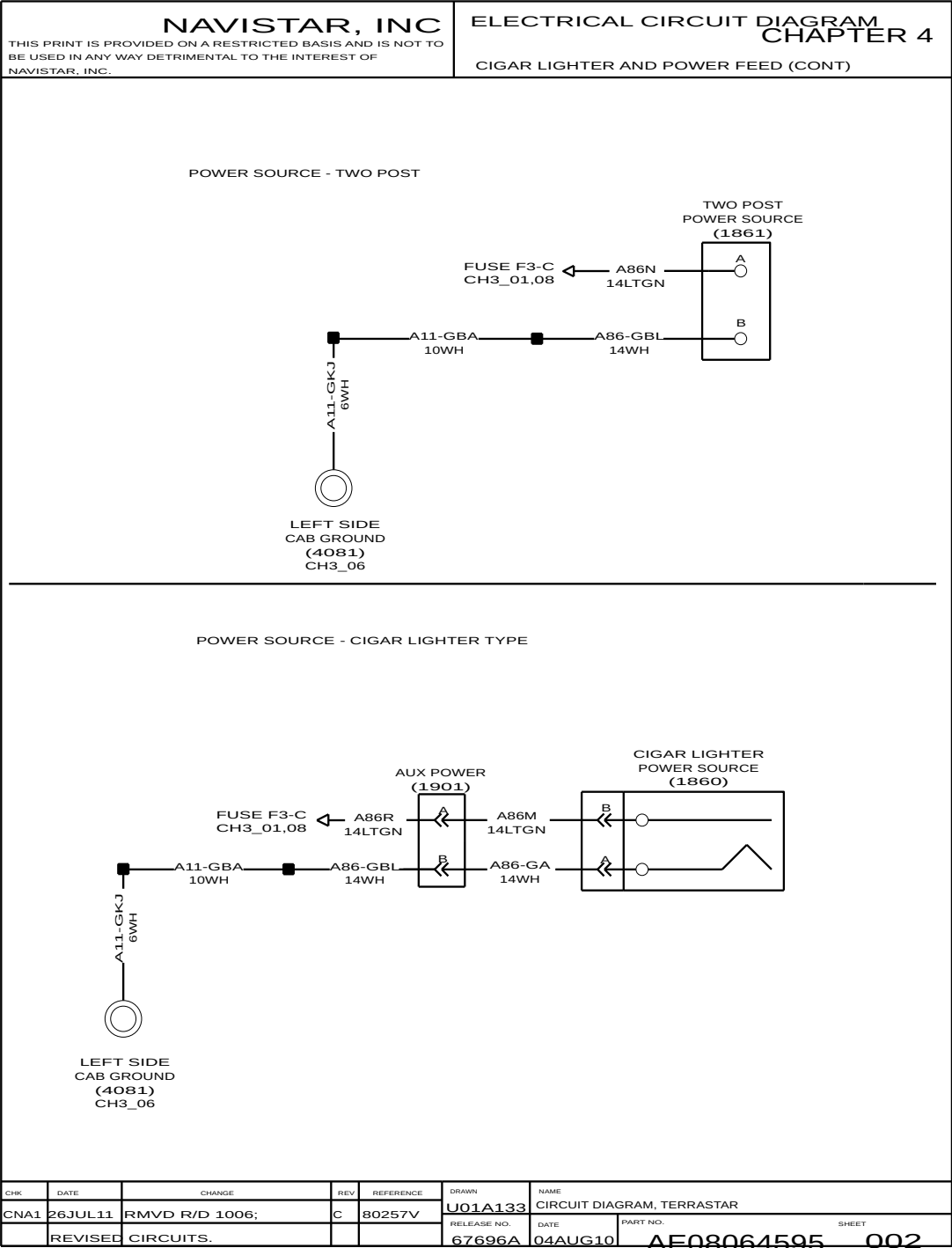


Figure 44 Cigar Lighter and Power Feed (Cont.)

4.3. COMPASS DISPLAY, P. 3

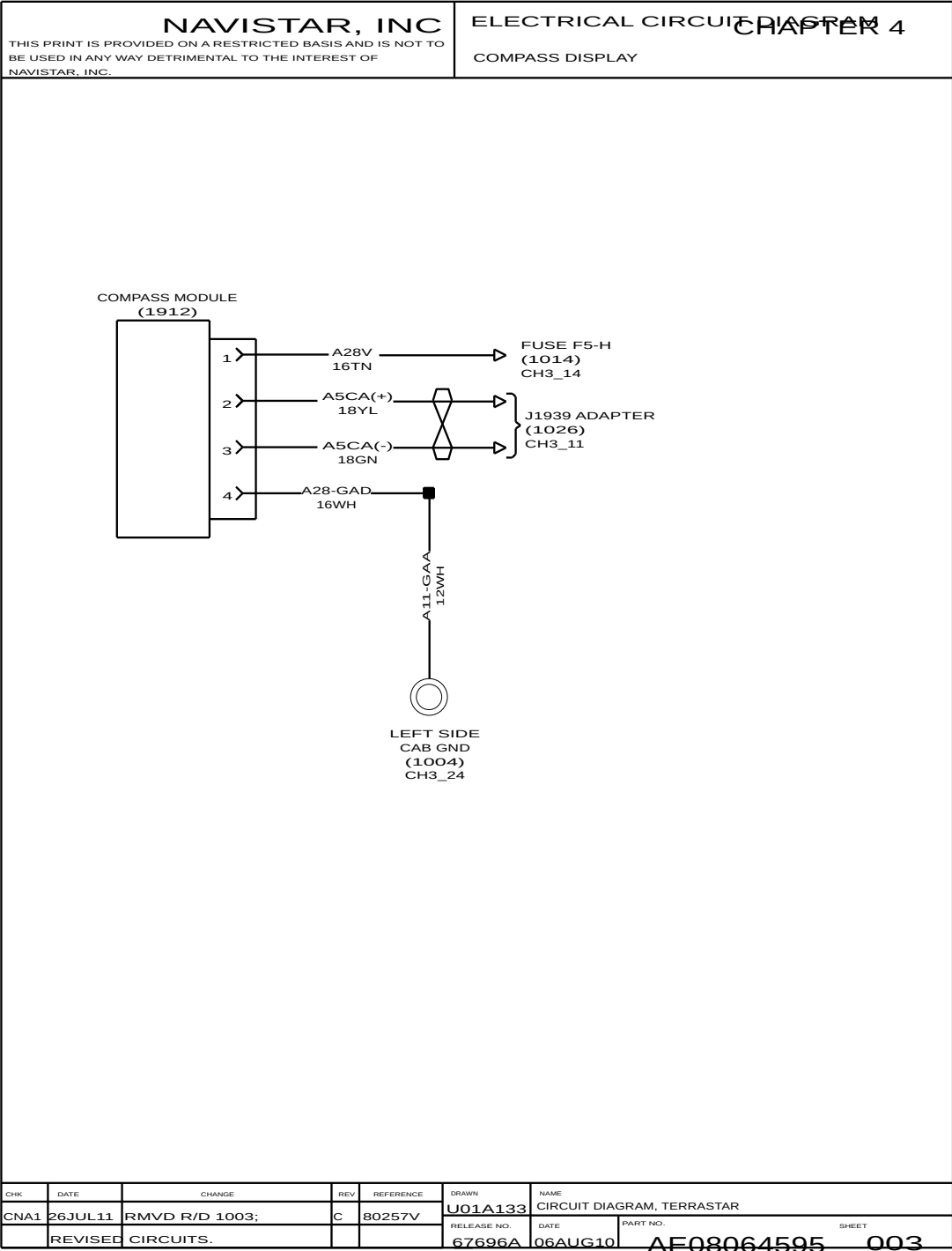


Figure 45 Compass Display

4.4. FRONT DOOR WINDOWS AND LOCKS (POWER), P. 4

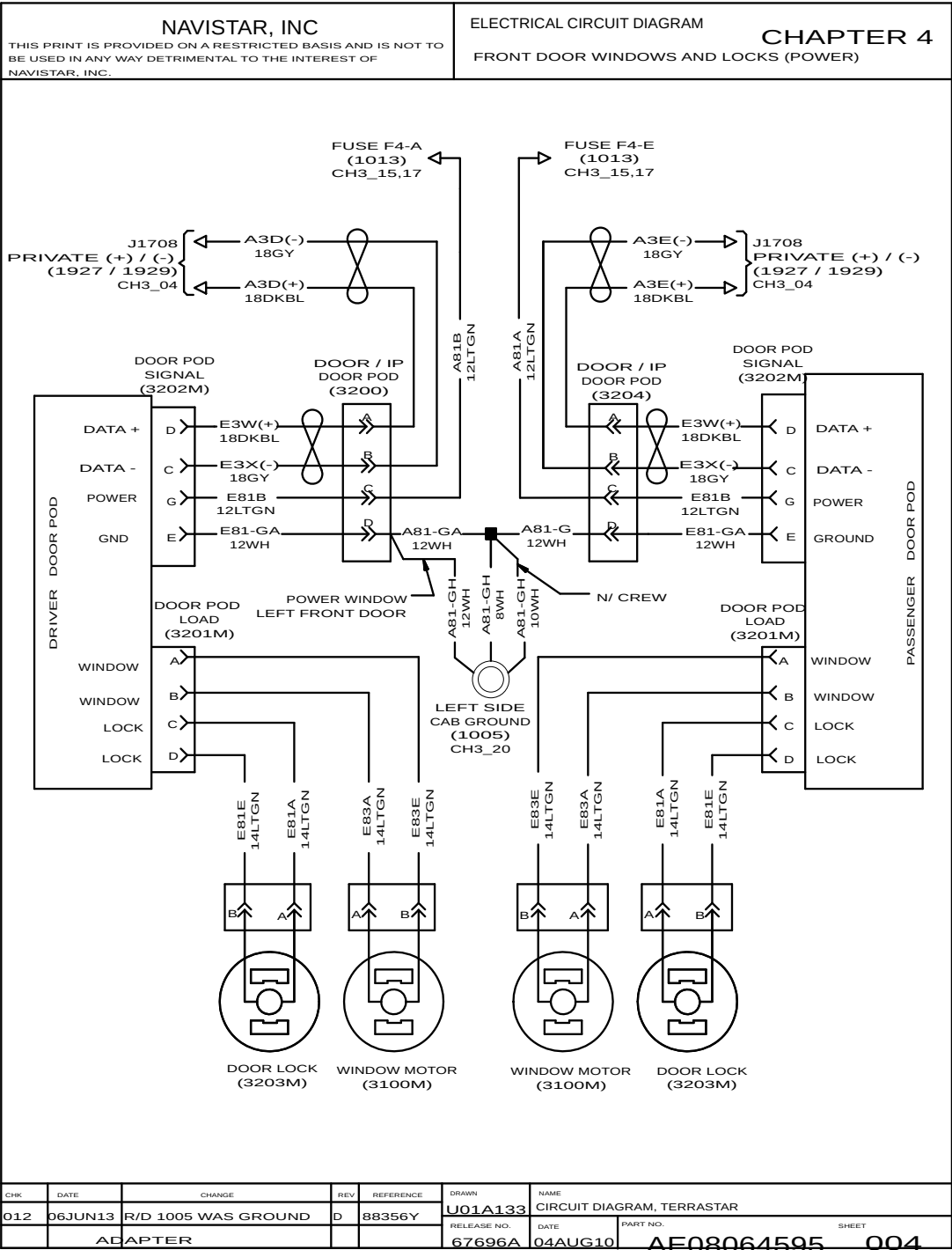


Figure 46 Front Door Windows and Locks (Power)

4.5. FRONT DOOR WINDOWS AND LOCKS (POWER) FOR CREW, P. 5

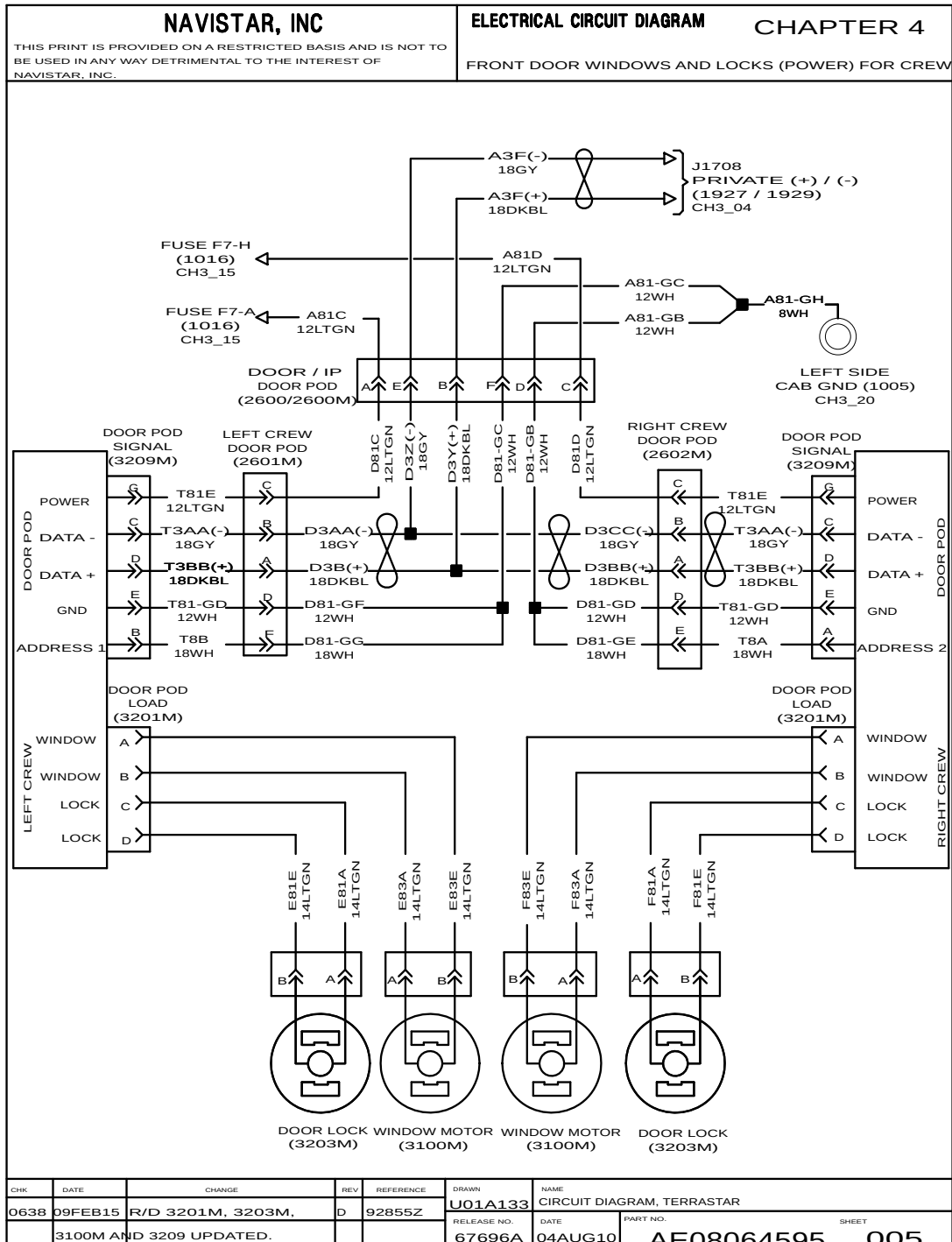


Figure 47 Front Door Windows and Locks (Power) For Crew

4.6. HORN – ELECTRIC AND AIR, P. 6

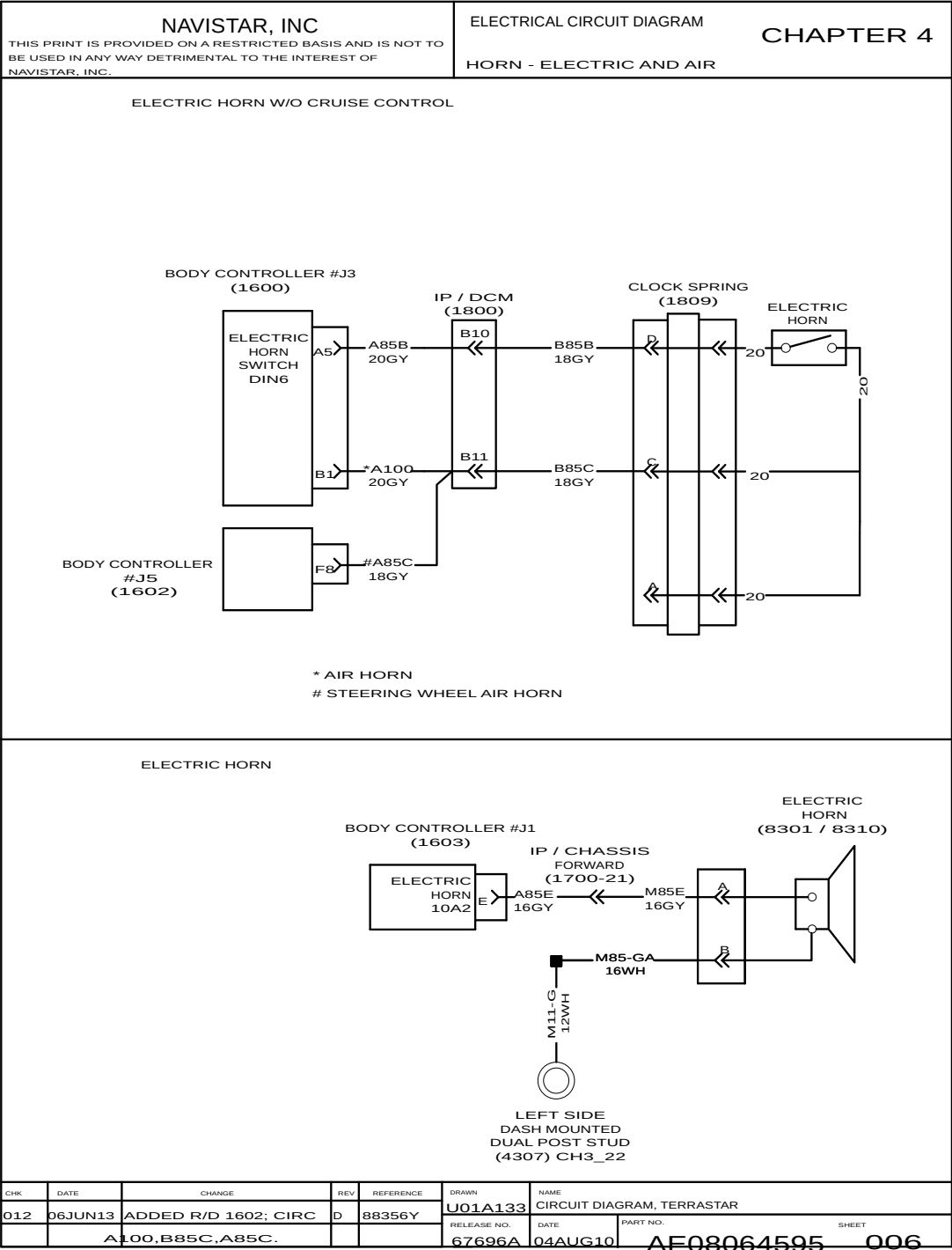


Figure 48 Horn – Electric and Air

4.8. 2 – WAY RADIO, P. 8

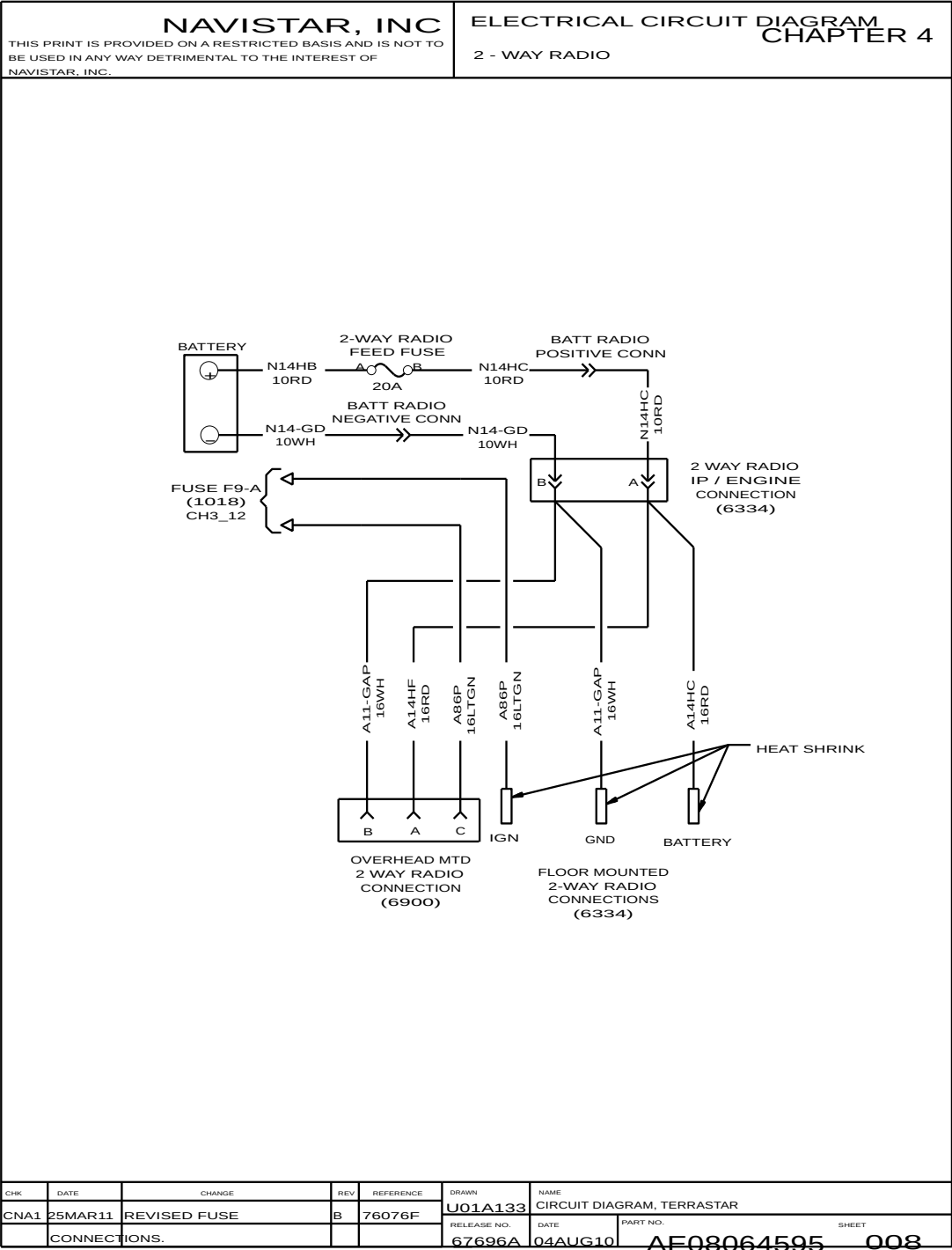


Figure 50 2 – Way Radio

4.9. INTENTIONALLY LEFT BLANK, P. 9

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 4 WASHER PUMP			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO. SHEET
					67696A	04AUG10	AE08064595 009

Figure 51 Intentionally Left Blank

4.10. SELF CONTAINED AIR SEAT, P. 10

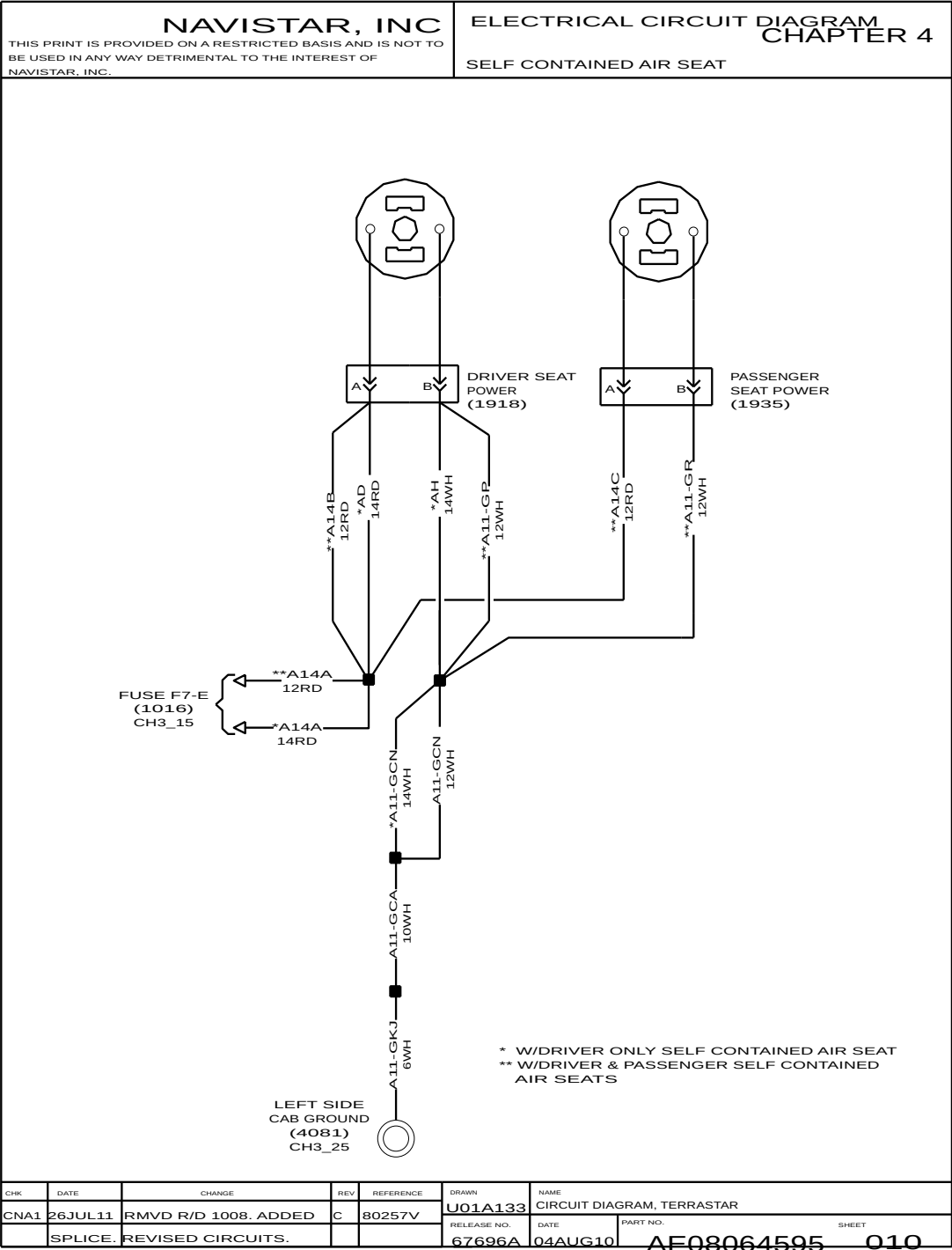


Figure 52 Self Contained Air Seat

4.11. RADIO (ENTERTAINMENT) SPEAKERS – WITH 16 WAY CONNECTOR, P. 11

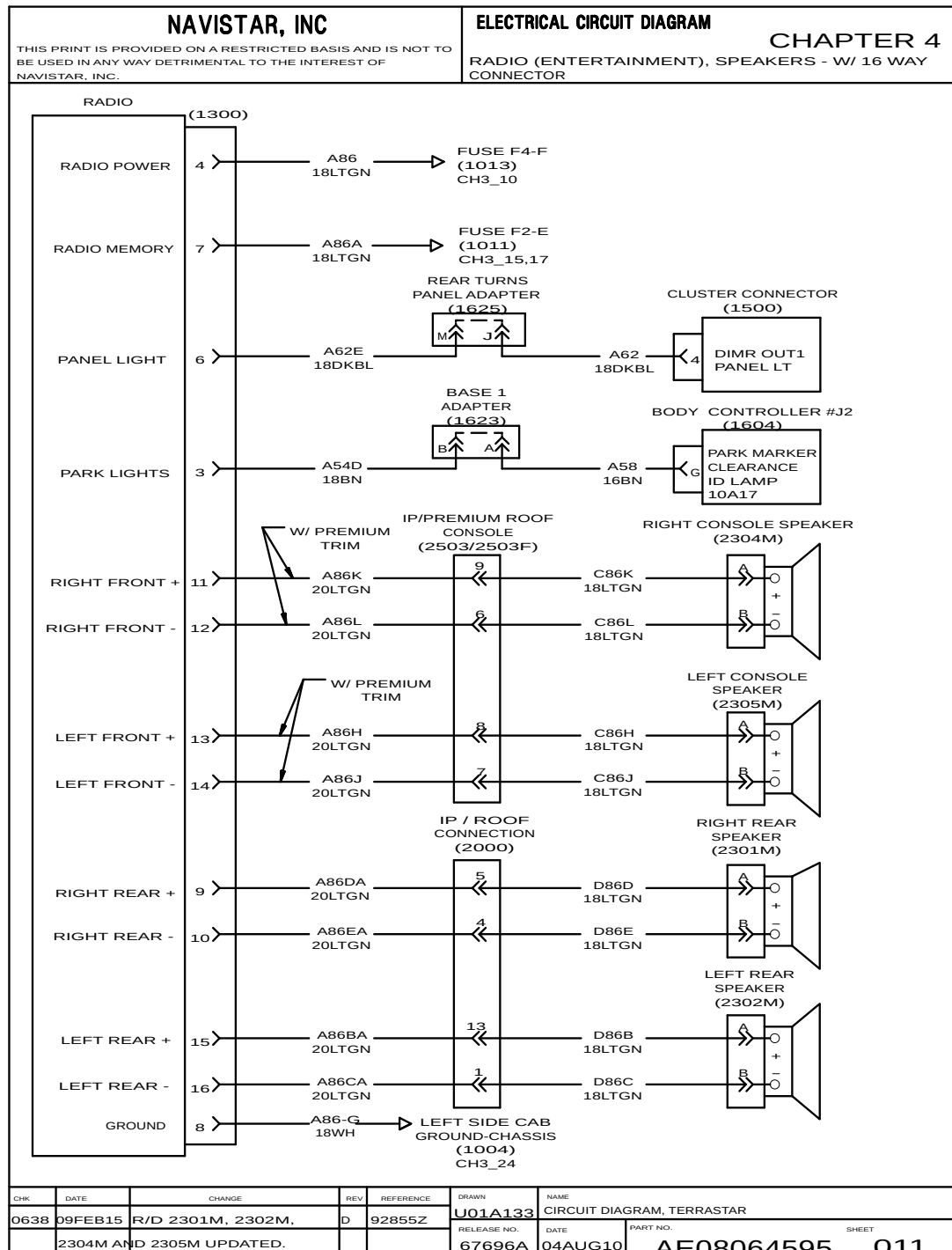


Figure 53 Radio (Entertainment) Speakers – with 16 Way Connector

4.12. RADIO (ENTERTAINMENT) SPEAKERS – WITH 12 WAY CONNECTOR, P. 11A

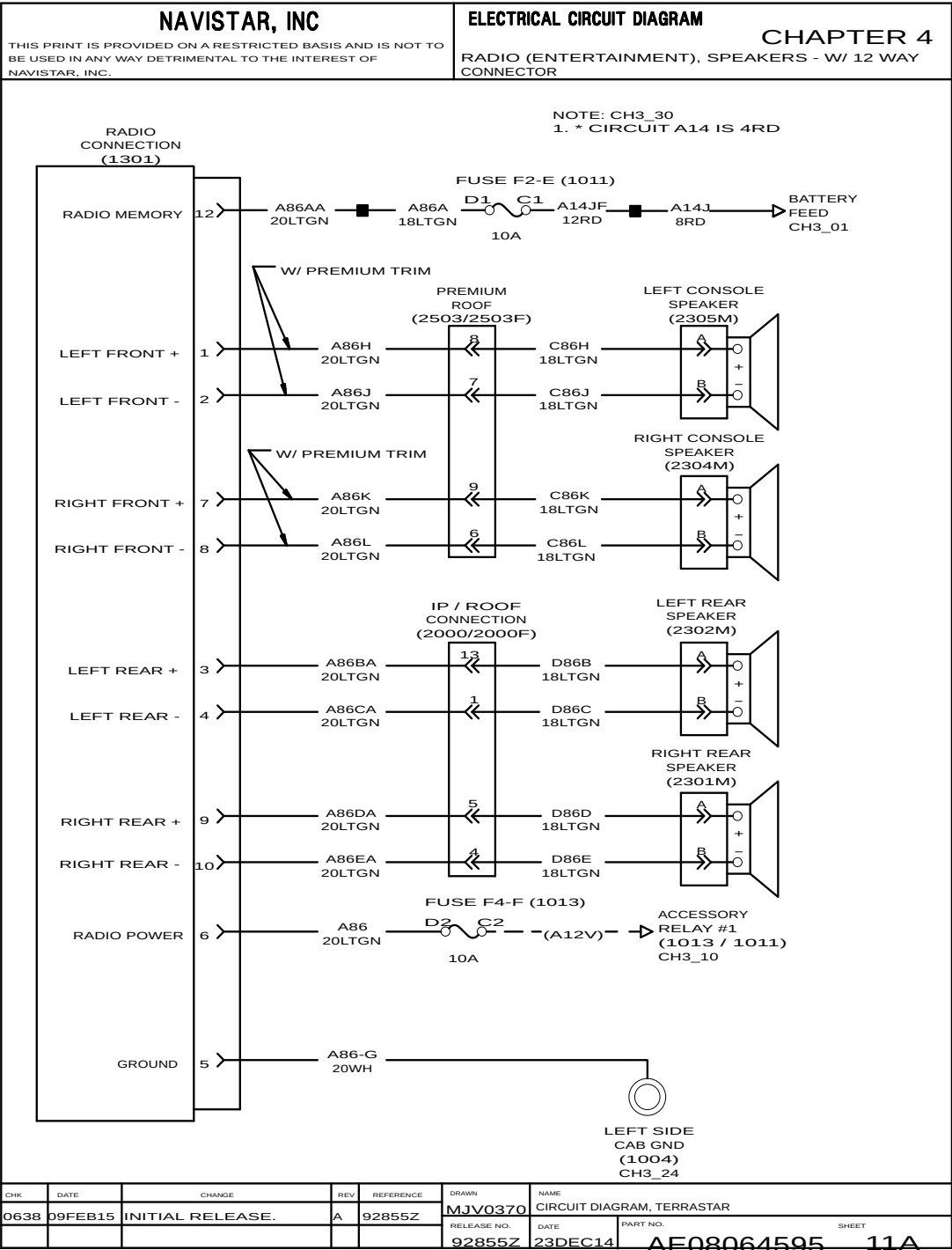


Figure 54 Radio (Entertainment) Speakers – with 12 Way Connector

4.13. RADIO (ENTERTAINMENT), SPEAKERS – WITH 16 WAY CONNECTOR (CONT.),
P. 12

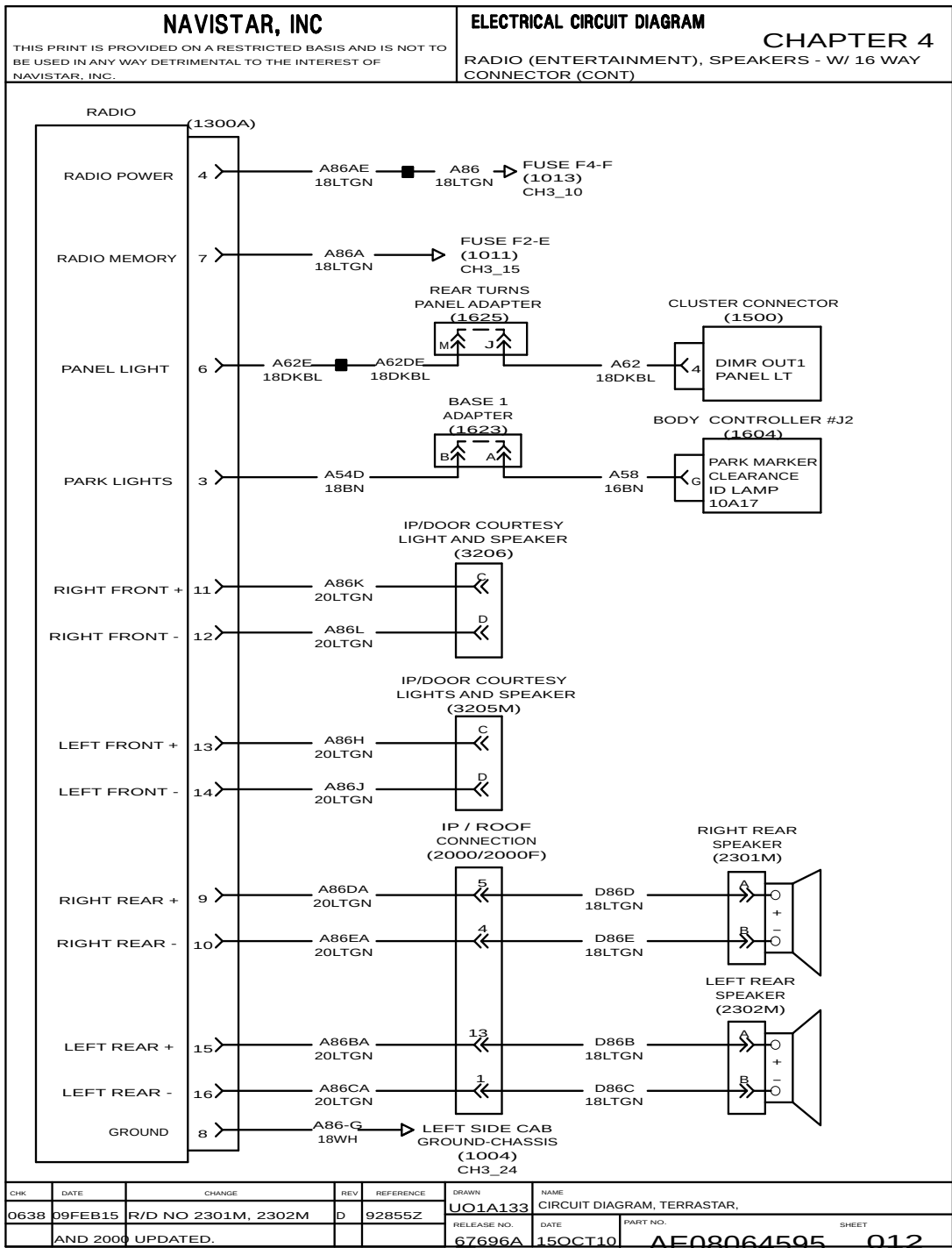


Figure 55 Radio (Entertainment), Speakers – with 16 Way Connector (Cont.)

4.14. INTENTIONALLY LEFT BLANK, P. 13

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 4 COMPUTER PREWIRED - XATA SYSTEM			
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					RELEASE NO.	DATE	PART NO.
					67696A	15OCT10	AE08064595
							SHEET
							013

Figure 56 Intentionally Left Blank

4.15. INTENTIONALLY LEFT BLANK, P. 14

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 4 CADEC GPS SYSTEM			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
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					RELEASE NO.	DATE	PART NO.
					67696A	15OCT10	AE08064595
						SHEET	
						014	

Figure 57 Intentionally Left Blank

4.16. INTENTIONALLY LEFT BLANK, P. 15

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 4 SATELLITE COMMUNICATION - TRIPMASTER			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
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						SHEET	
						015	

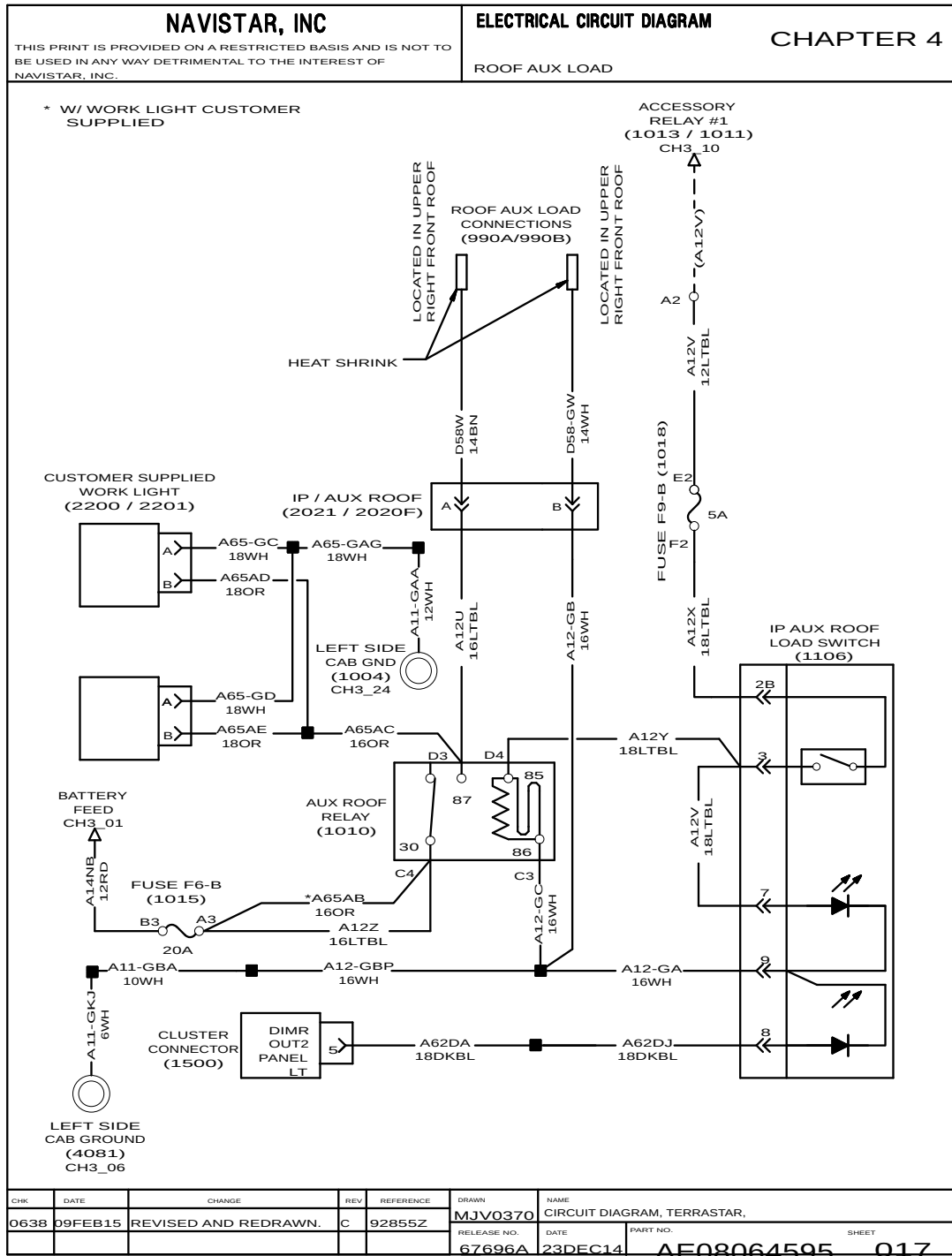
Figure 58 Intentionally Left Blank

4.17. INTENTIONALLY LEFT BLANK, P. 16

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 4			
SATELLITE COMMUNICATION - QUALCOMM IMCT							
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	15OCT10	AE08064595
						SHEET	
						016	

Figure 59 Intentionally Left Blank

4.18. ROOF AUX LOAD, P. 17



4.19. INTENTIONALLY LEFT BLANK, P. 18

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 4 MIRRORS (HEATED, LIGHTED & POWER) (CONT)			
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					RELEASE NO.	DATE	PART NO.
					67696A	15OCT10	AE08064595
						SHEET	
						018	

Figure 61 Intentionally Left Blank

4.20. INTENTIONALLY LEFT BLANK, P. 19

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 4 SATELLITE COMMUNICATION - QUALCOMM IMCT W/ MVPC KEYBOARD			
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	15OCT10	AE08064595
						SHEET	
						019	

Figure 62 Intentionally Left Blank

4.21. INTENTIONALLY LEFT BLANK, P. 20

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 4 SATELLITE COMMUNICATION - QUALCOMM OMNIVISION			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO. SHEET
					67696A	15OCT10	AE08064595 020

Figure 63 Intentionally Left Blank

4.22. MIRRORS (HEATED, LIGHTED & POWER) , P. 21

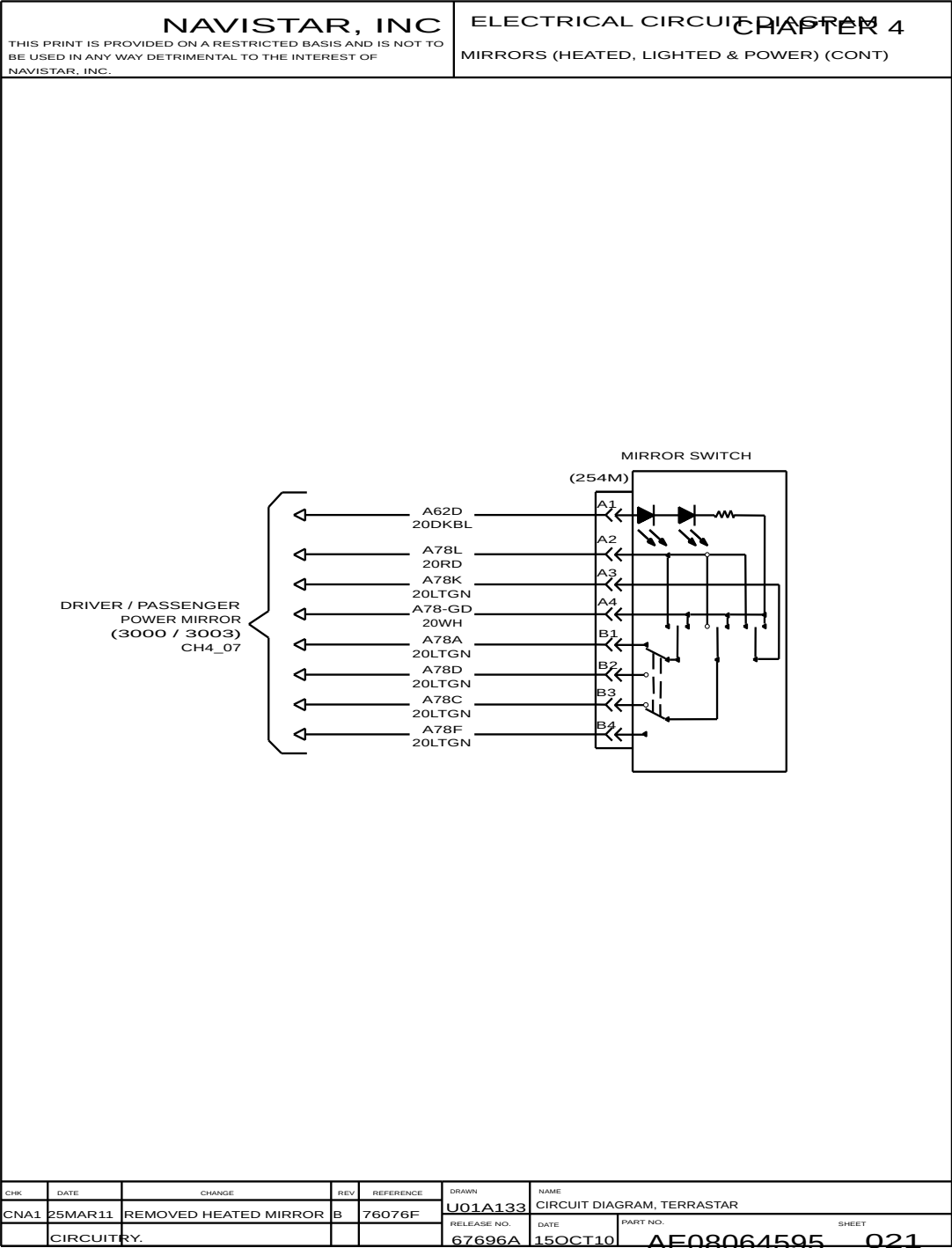


Figure 64 Mirrors (Heated, Lighted & Power)

4.23. CB POWER RADIO, P. 22

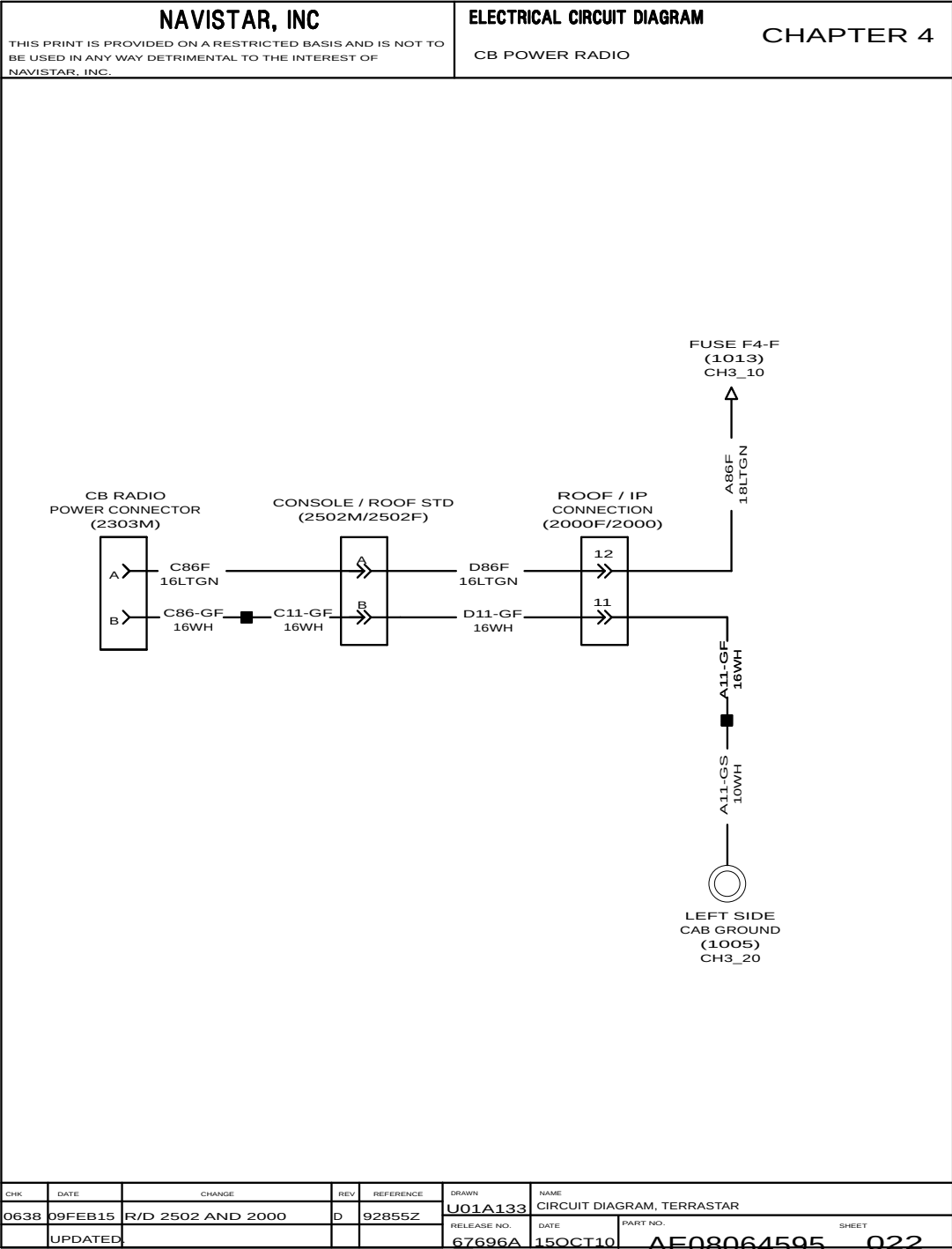


Figure 65 CB Power Radio

4.24. BACK-UP CAMERA, P. 23

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 4 BACK-UP CAMERA			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	15OCT10	AE08064595
						SHEET	
						023	

Figure 66 Back-Up Camera

4.25. HEATED SEATS, P. 24

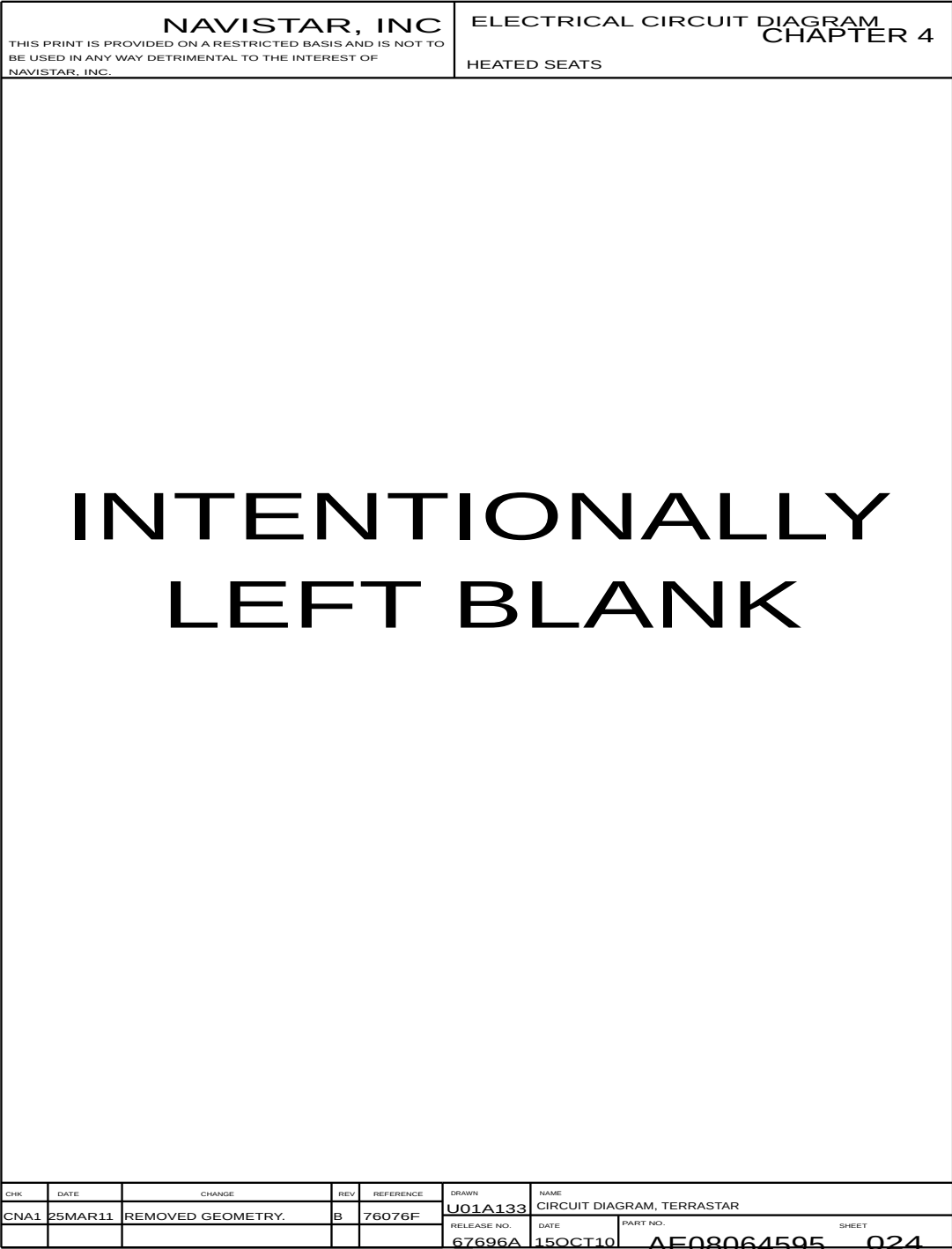


Figure 67 Heated Seats

4.26. SWITCH PACK OPTIONAL GAUGE PACK, P. 25

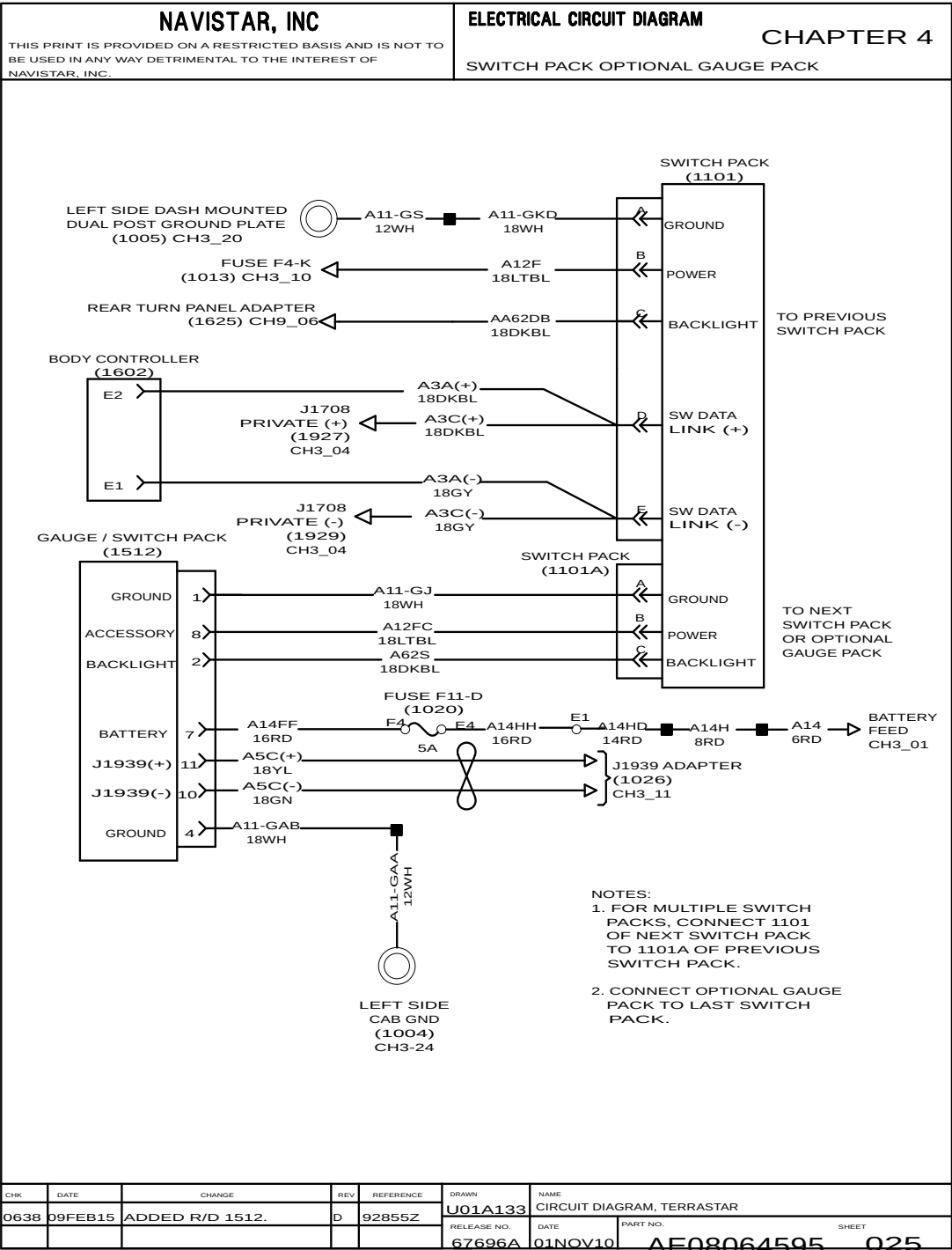


Figure 68 Switch Pack Optional Gauge Pack

4.28. SEAT BELT AND SEAT SENSOR, P. 27

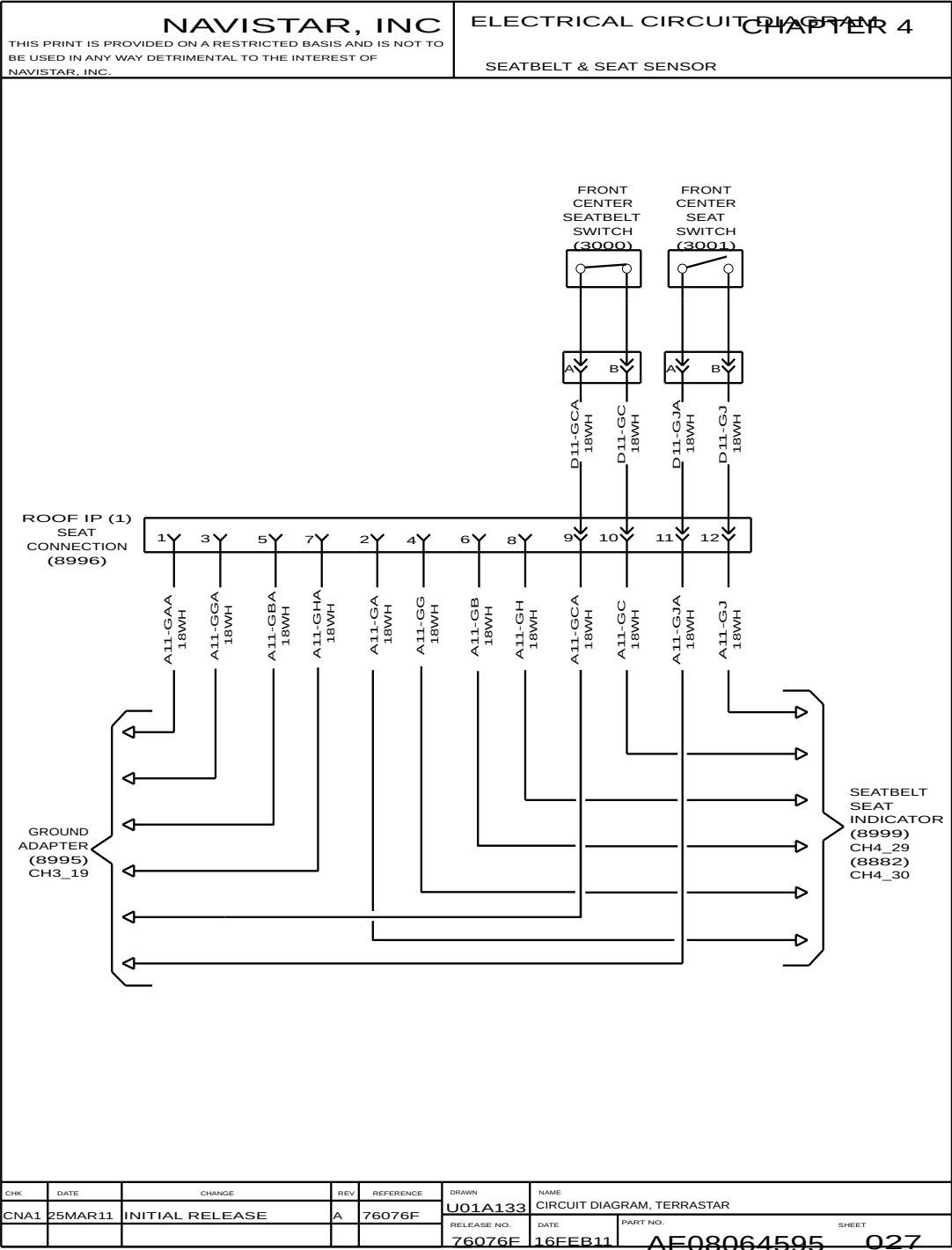


Figure 70 Seat Belt and Seat Sensor

4.29. SEAT BELT AND SEAT SENSOR (CONT.), P. 28

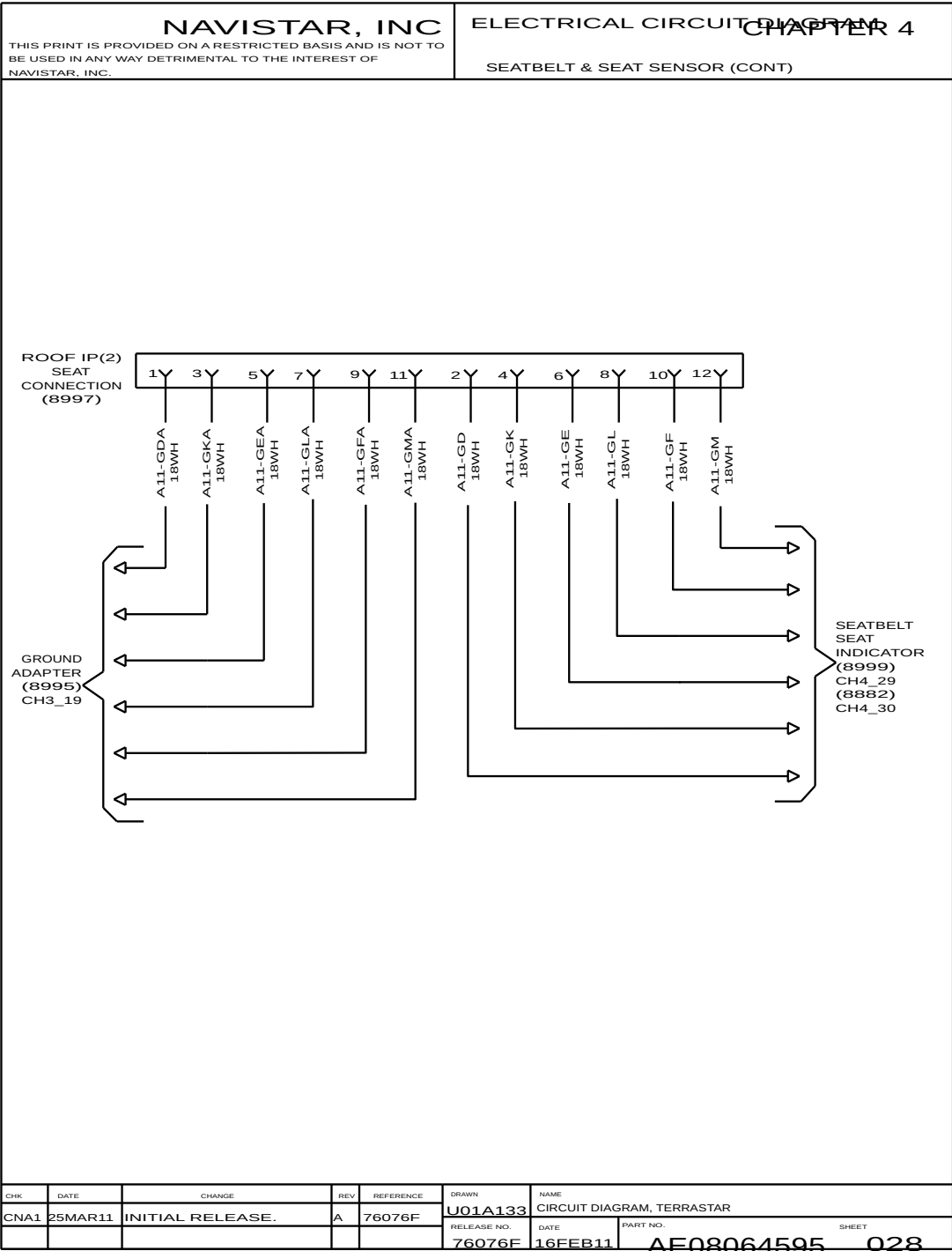
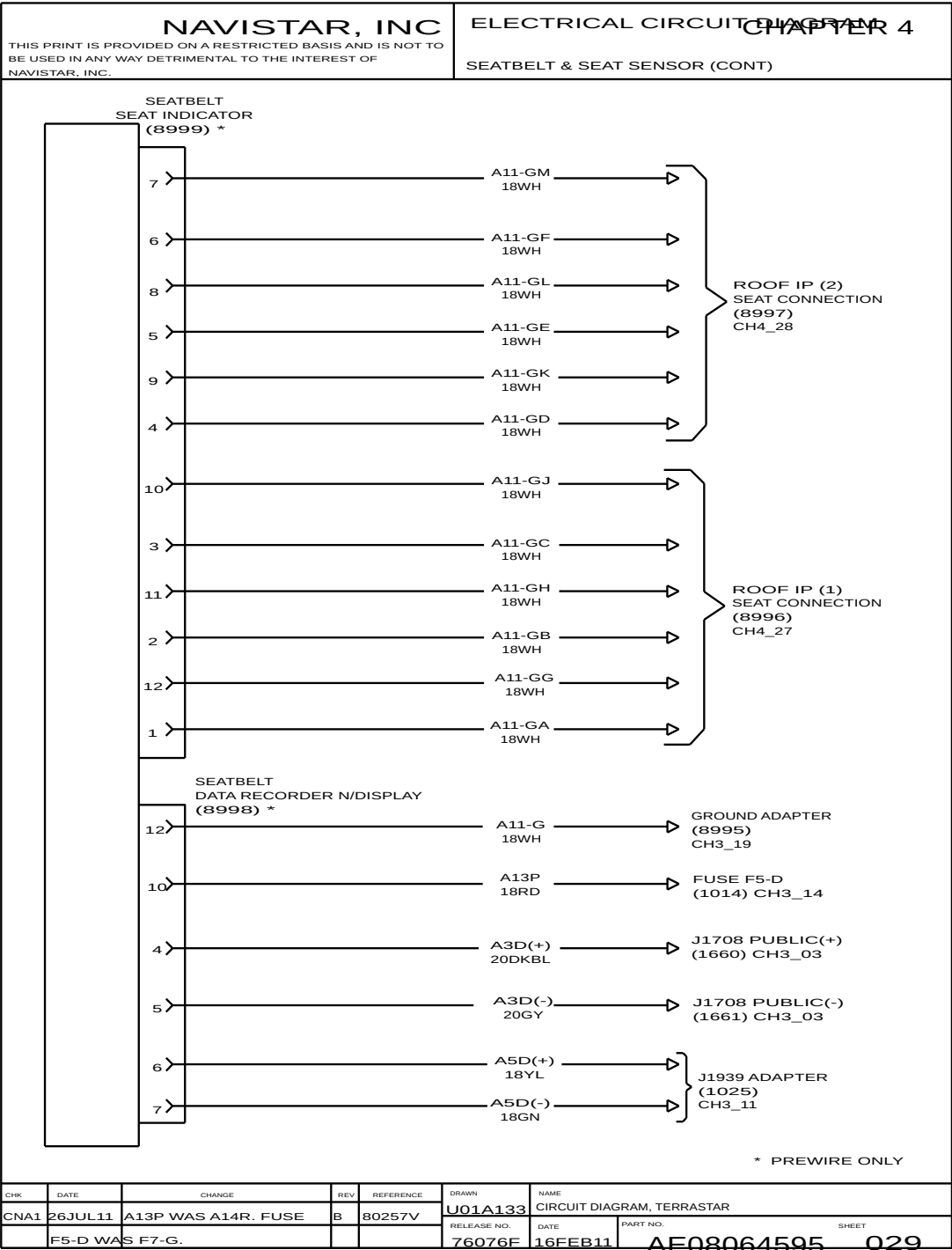


Figure 71 Seat Belt and Seat Sensor (Cont.)

4.30. SEAT BELT AND SEAT SENSOR (CONT.), P. 29



4.31. SEAT BELT AND SEAT SENSOR (CONT.), P. 30

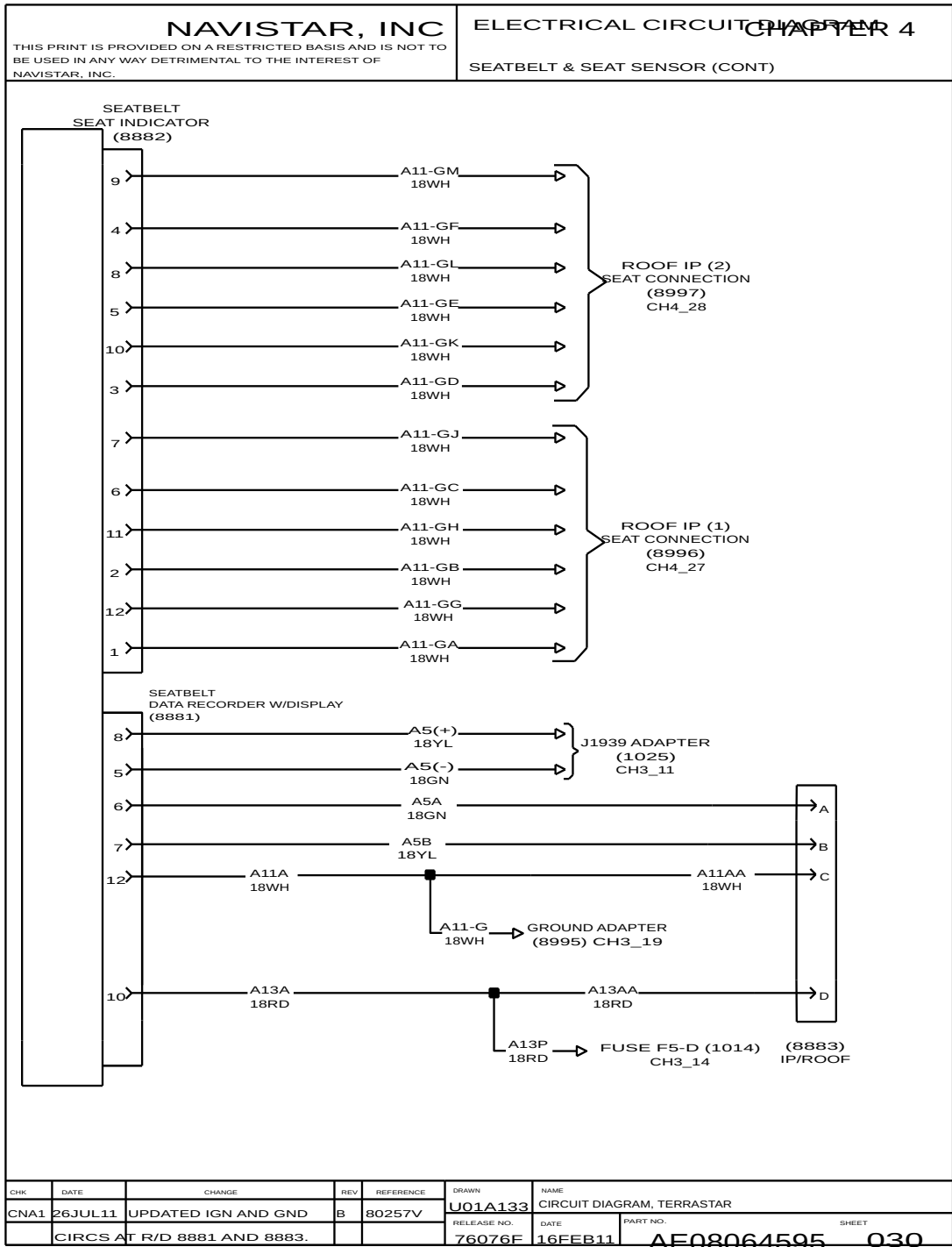


Figure 73 Seat Belt and Seat Sensor (Cont.)

12V CHARGING AND CRANKING SYSTEM (CHAPTER 5)

5.1. STARTING AND CRANKING ENGINE WITH ALLISON TRANSMISSION, P. 1

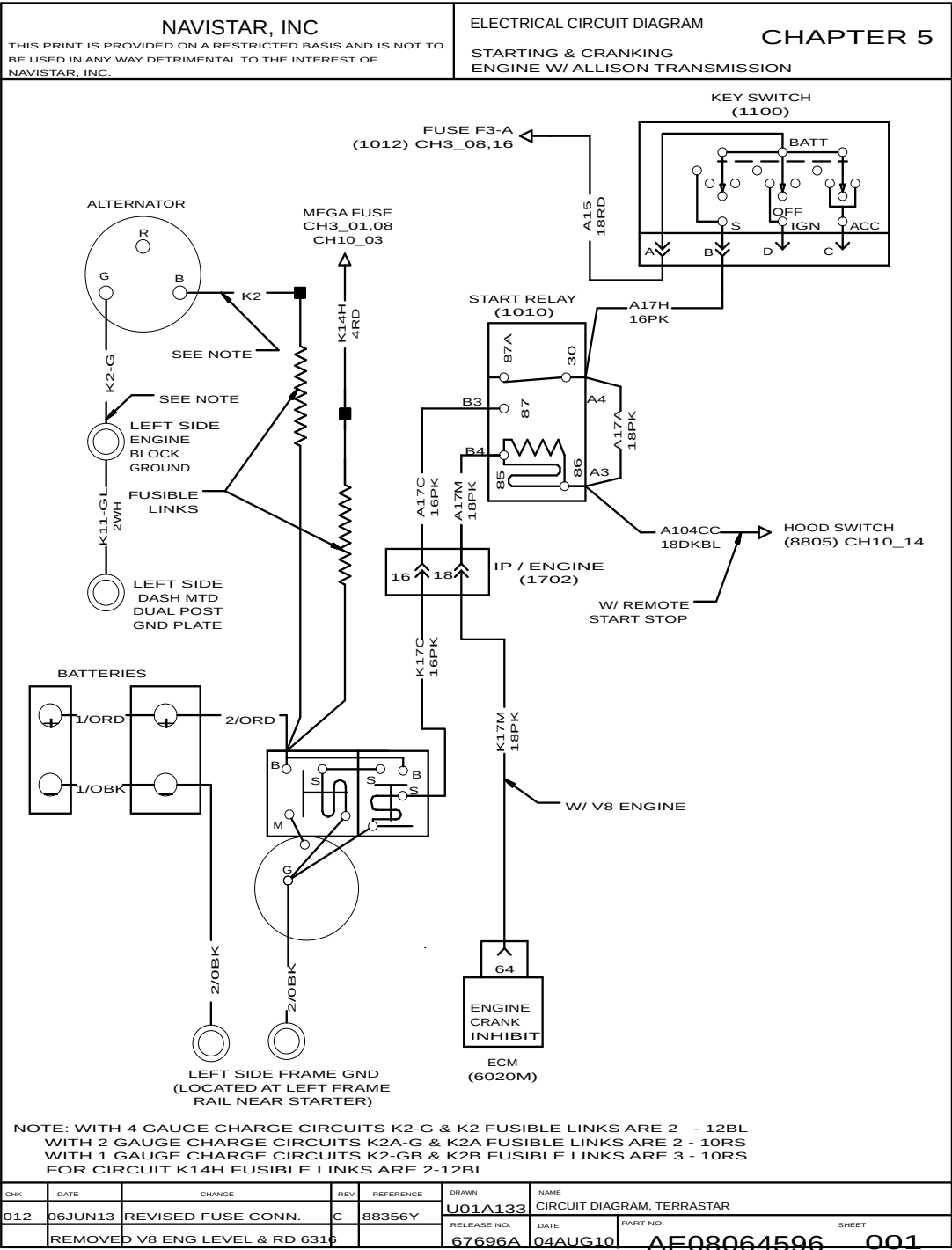


Figure 74 Starting and Cranking Engine with Allison Transmission

5.2. ROCKER START, P. 2

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 5 CHAPTER 5 ROCKER START			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	15OCT10	AE08064596
						SHEET	
						002	

Figure 75 Rocker Start

FANS AND ENGINE ACCESSORIES (CHAPTER 6)

6.1. FAN WIRING – V8 ENGINE, P. 1

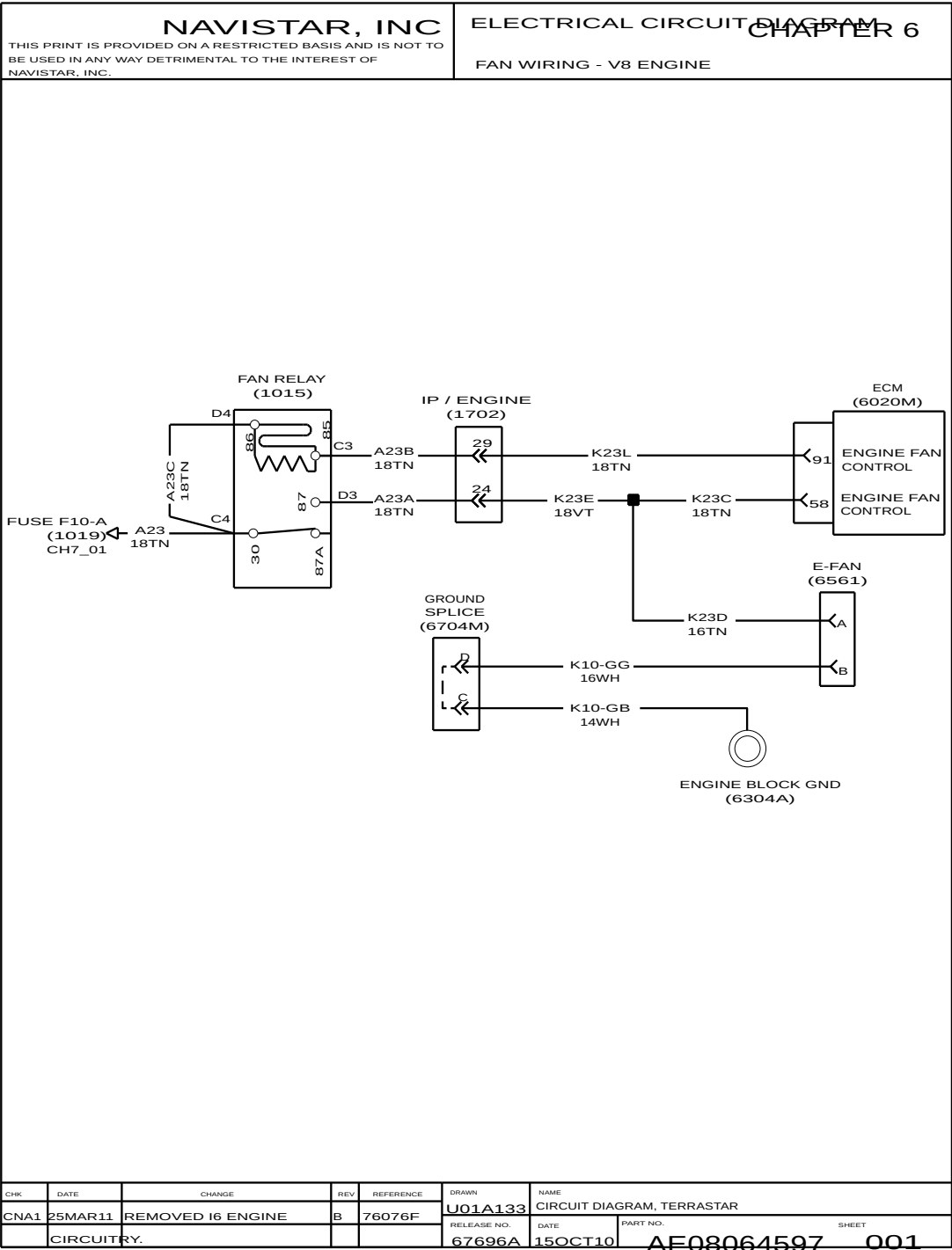


Figure 76 Fan Wiring – V8 Engine

6.2. SNOW VALVE, P. 2

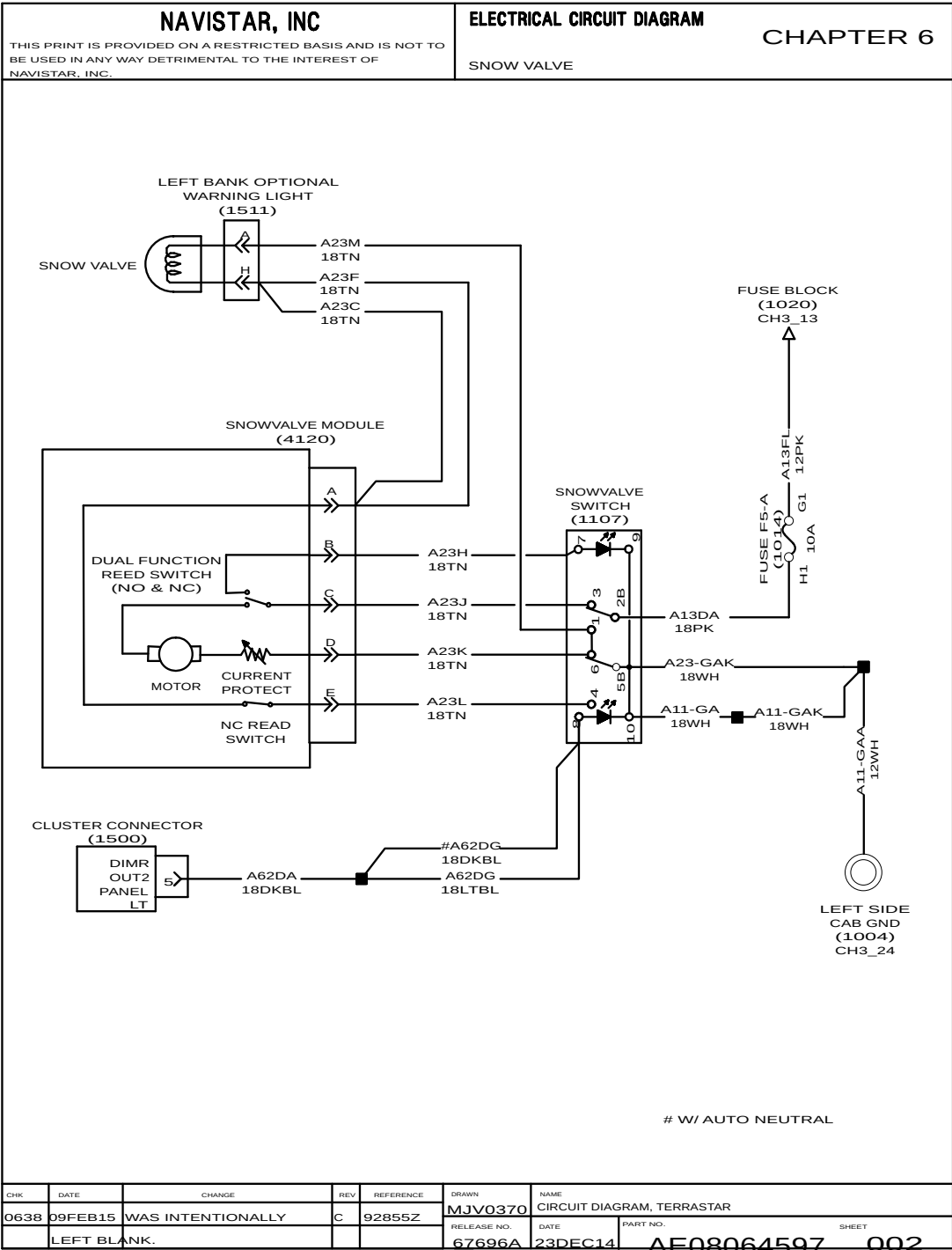


Figure 77 Snow Valve

ELECTRONIC ENGINES (CHAPTER 7)

7.1. ELECTRONIC ENGINE CONTROLS – V8 ENGINE, P. 1

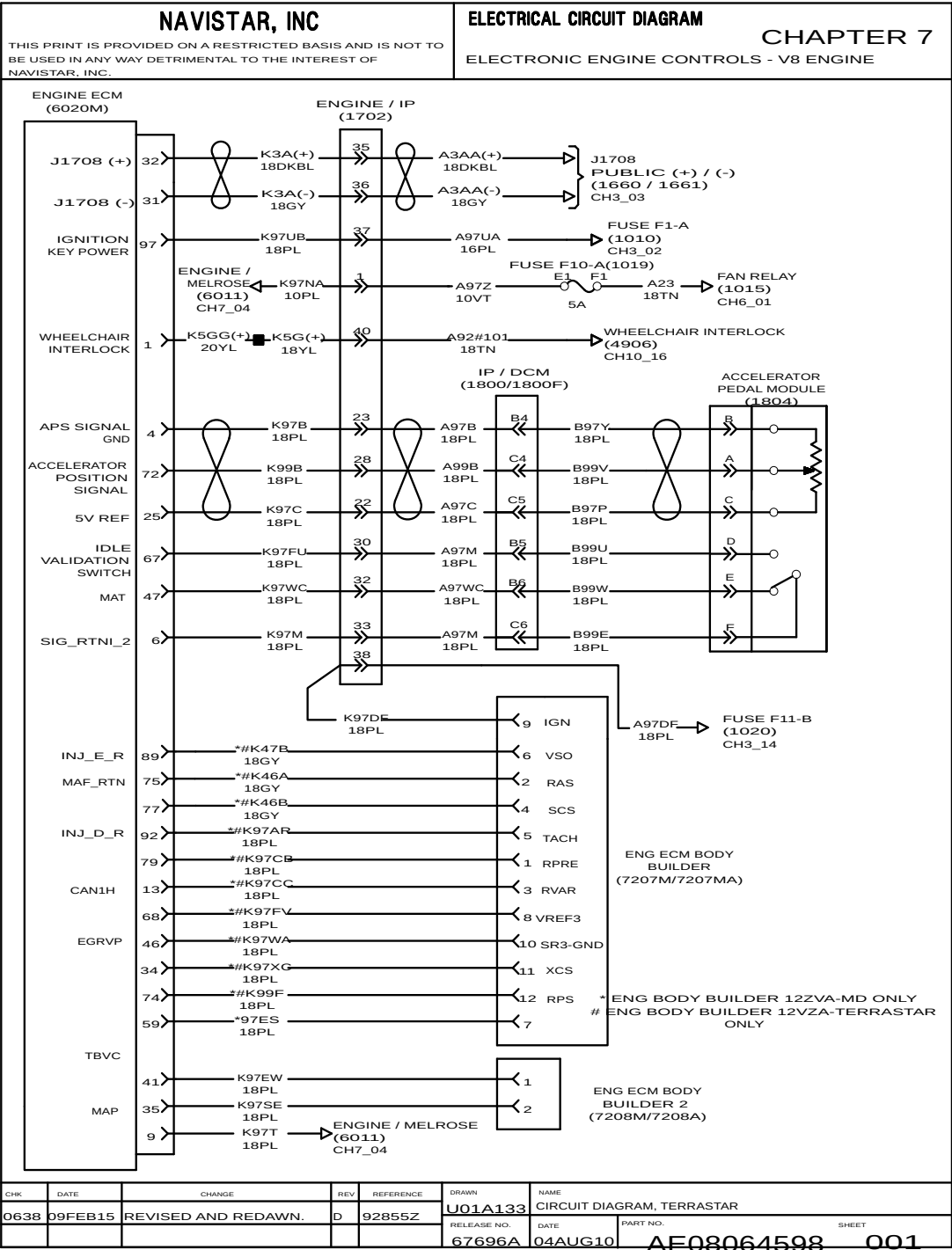


Figure 78 Electronic Engine Controls – V8 Engine

7.2. ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 2

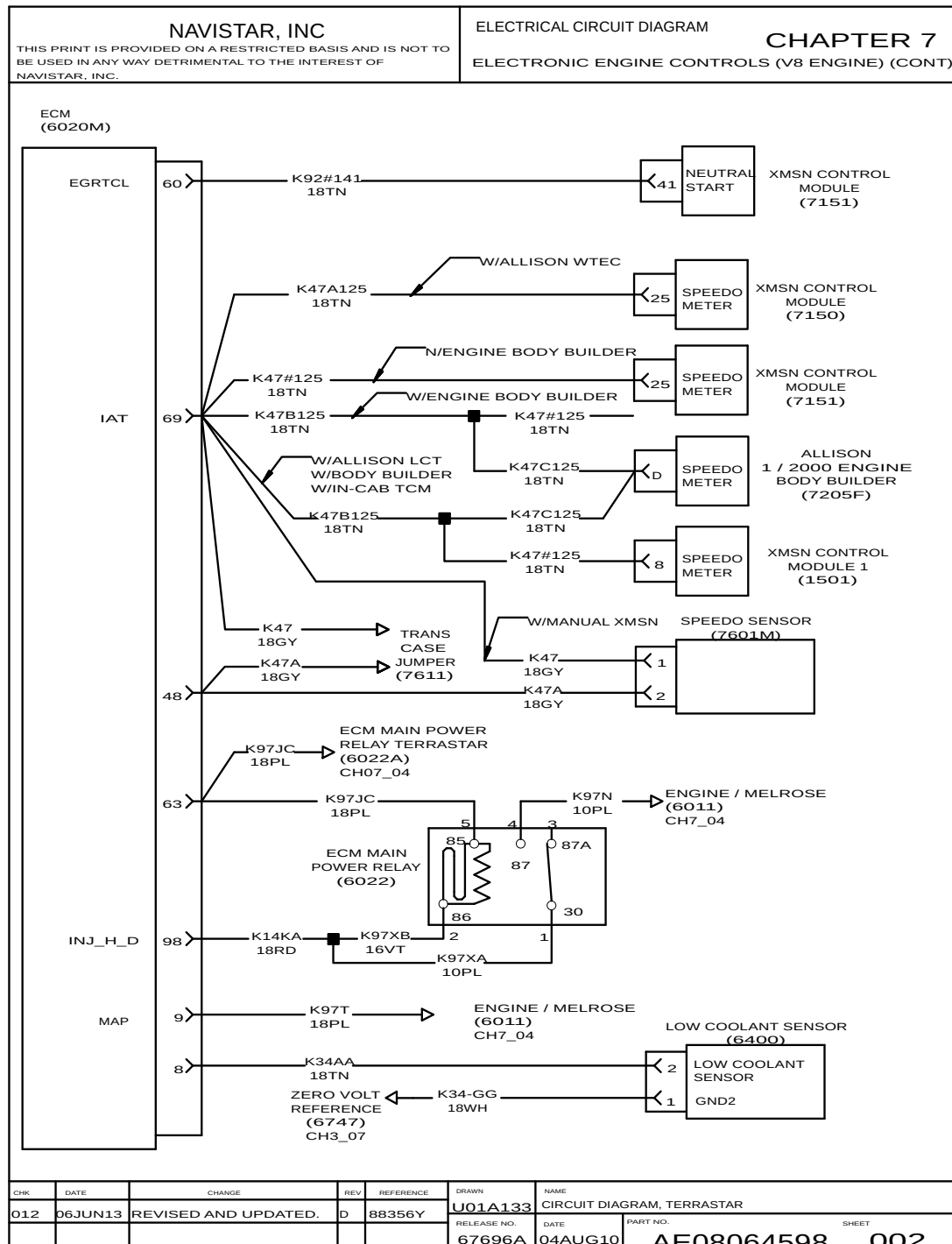


Figure 79 Electronic Engine Controls – V8 Engine (Cont.)

7.3. ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 3

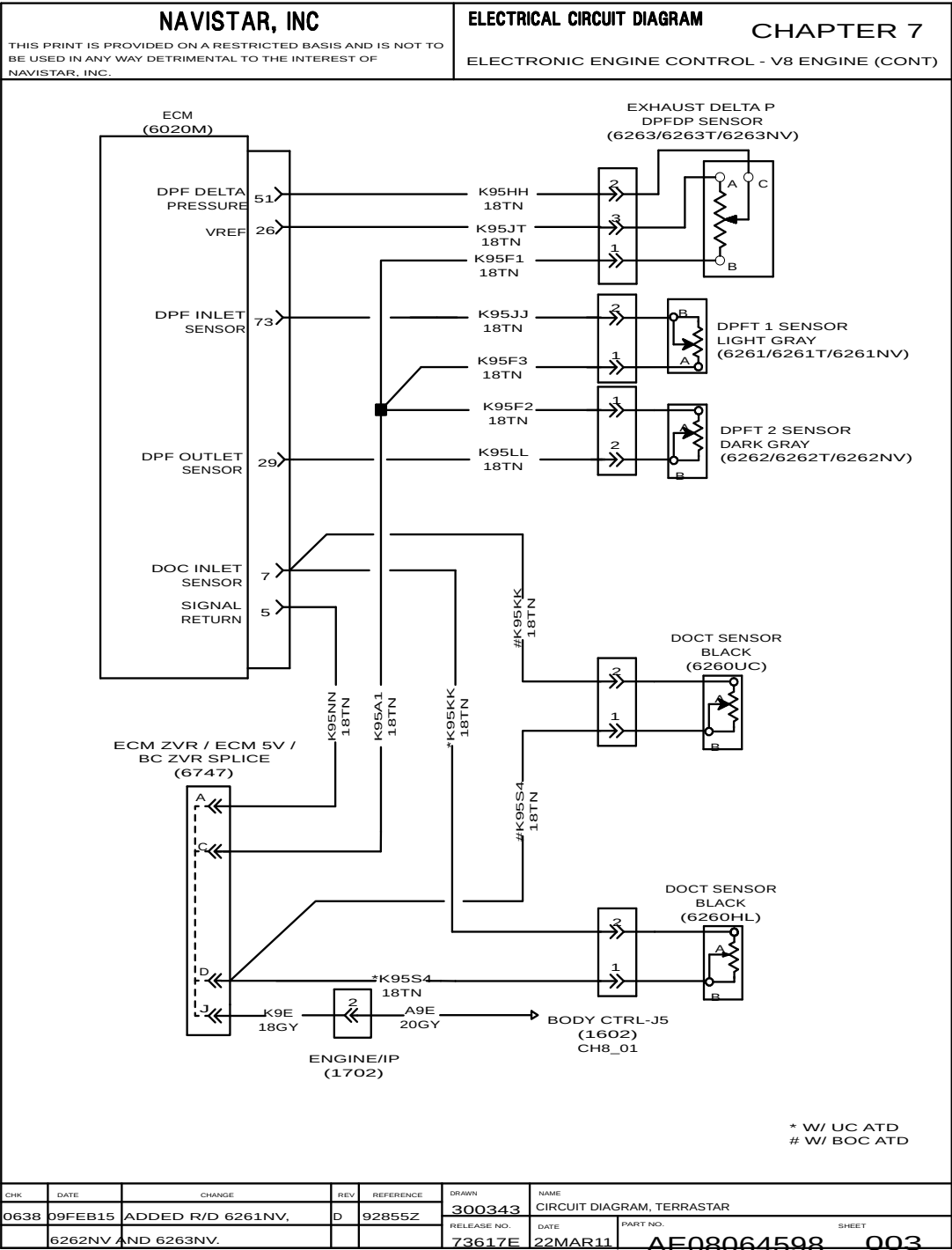


Figure 80 Electronic Engine Controls – V8 Engine (Cont.)

7.4. ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 3

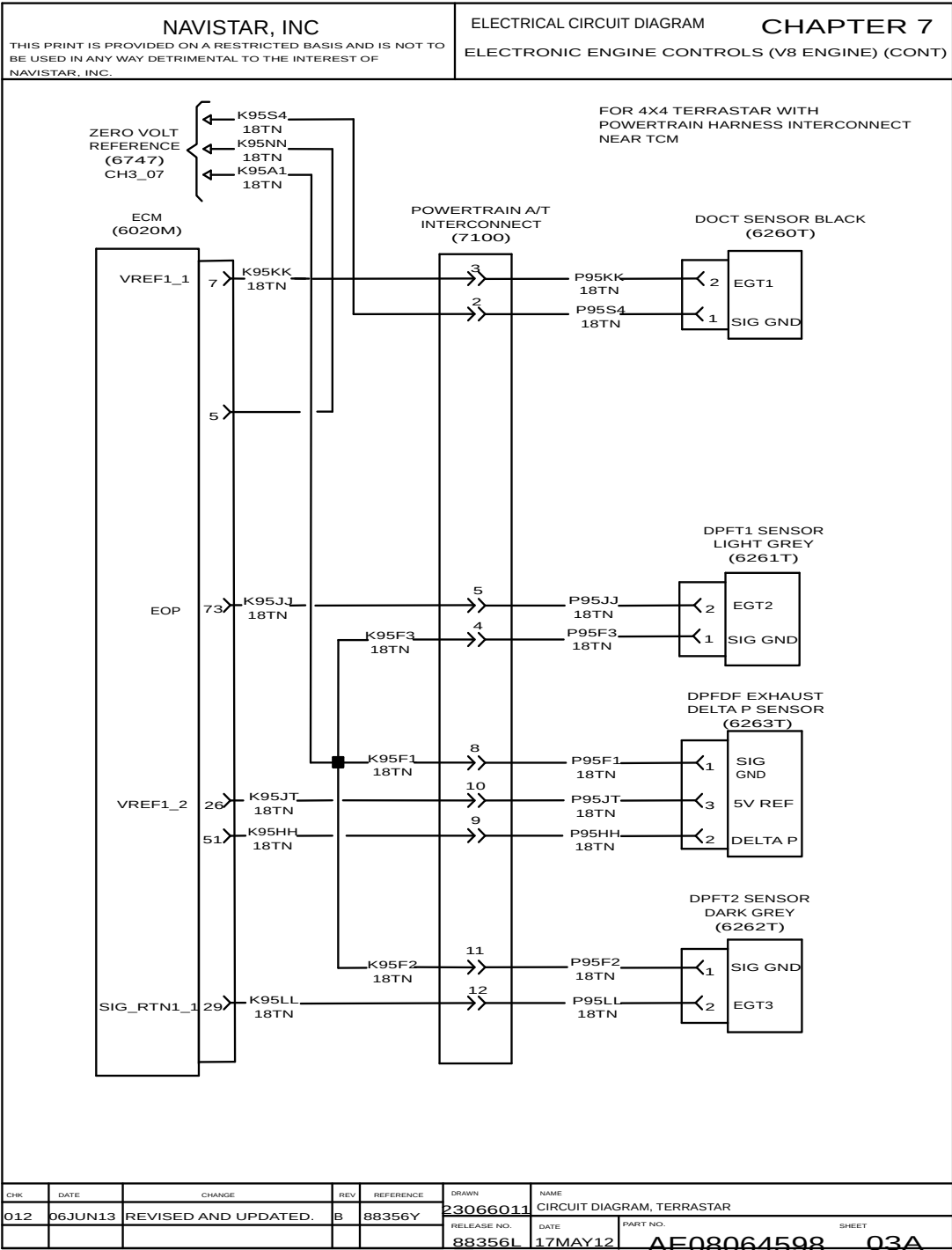


Figure 81 Electronic Engine Controls – V8 Engine (Cont.)

7.5. ELECTRONIC ENGINE CONTROLS – V8 ENGINE (CONT.), P. 4

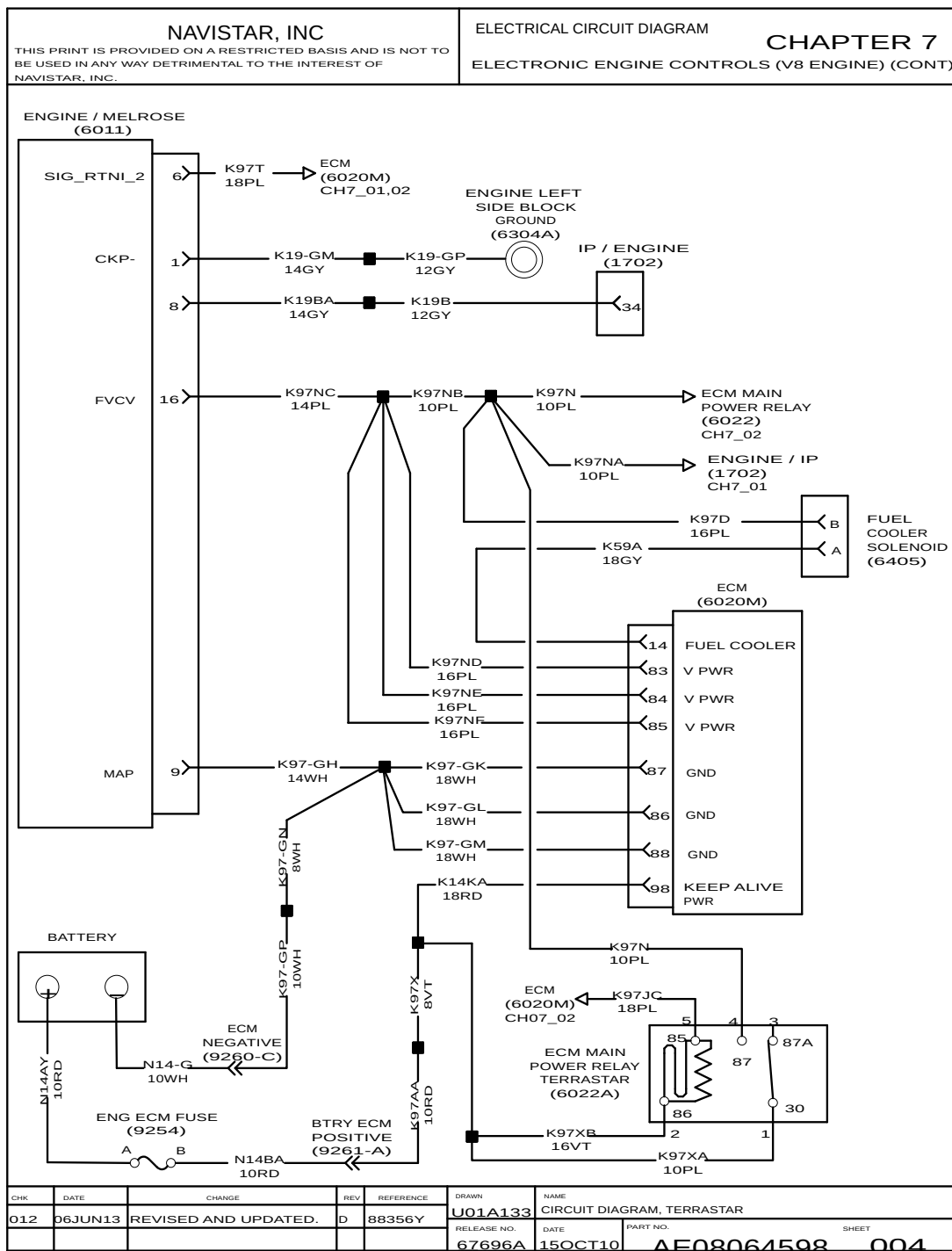


Figure 82 Electronic Engine Controls – V8 Engine (Cont.)

GAUGES WITH AND WITHOUT INTERNAL WARNING LIGHT (CHAPTER 8)

8.1. BRAKE SWITCH AND PARK BRAKE SWITCH, P. 1

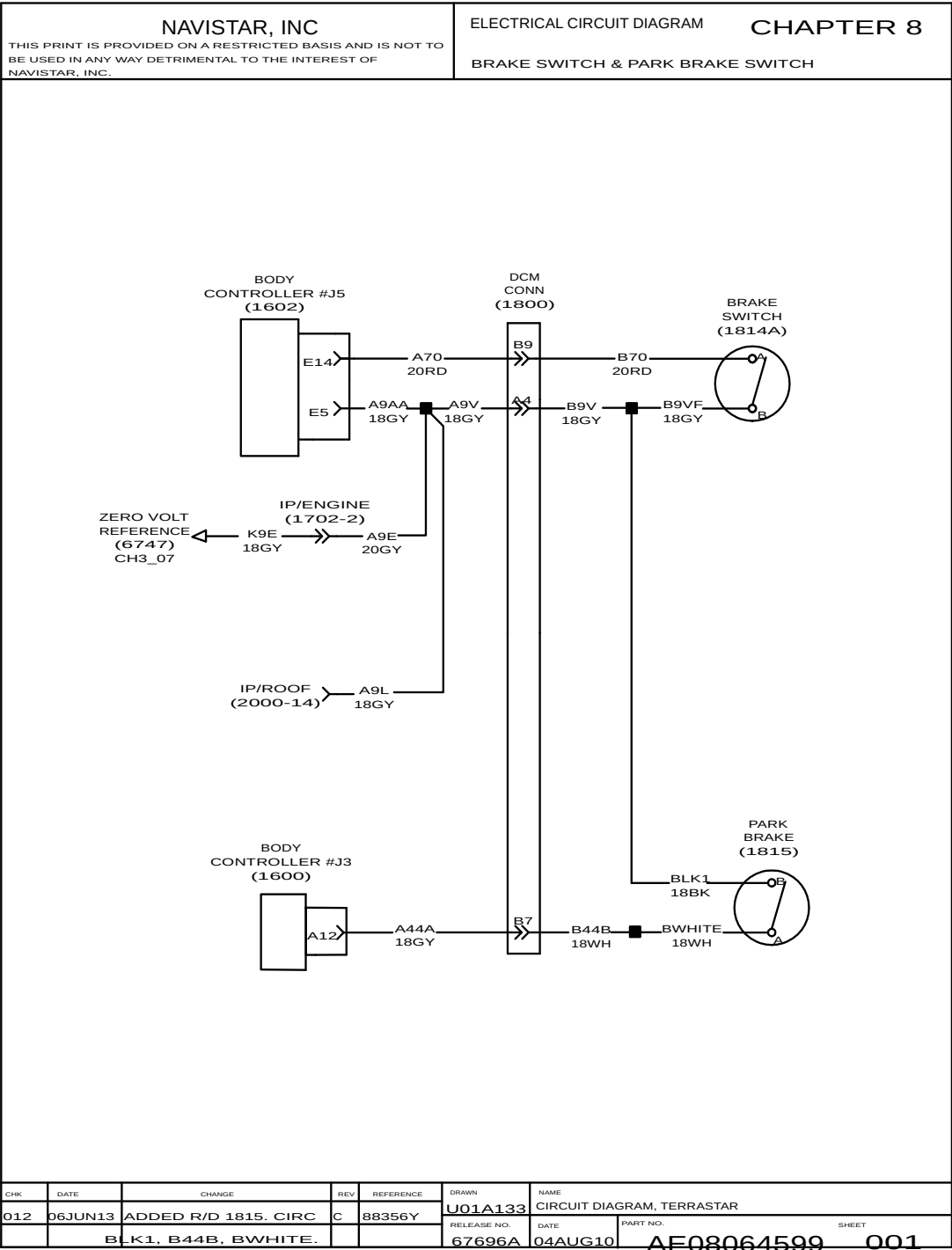


Figure 84 Brake Switch and Park Brake Switch

8.2. GAUGES AND WARNING LIGHTS – AMMETER, P. 2

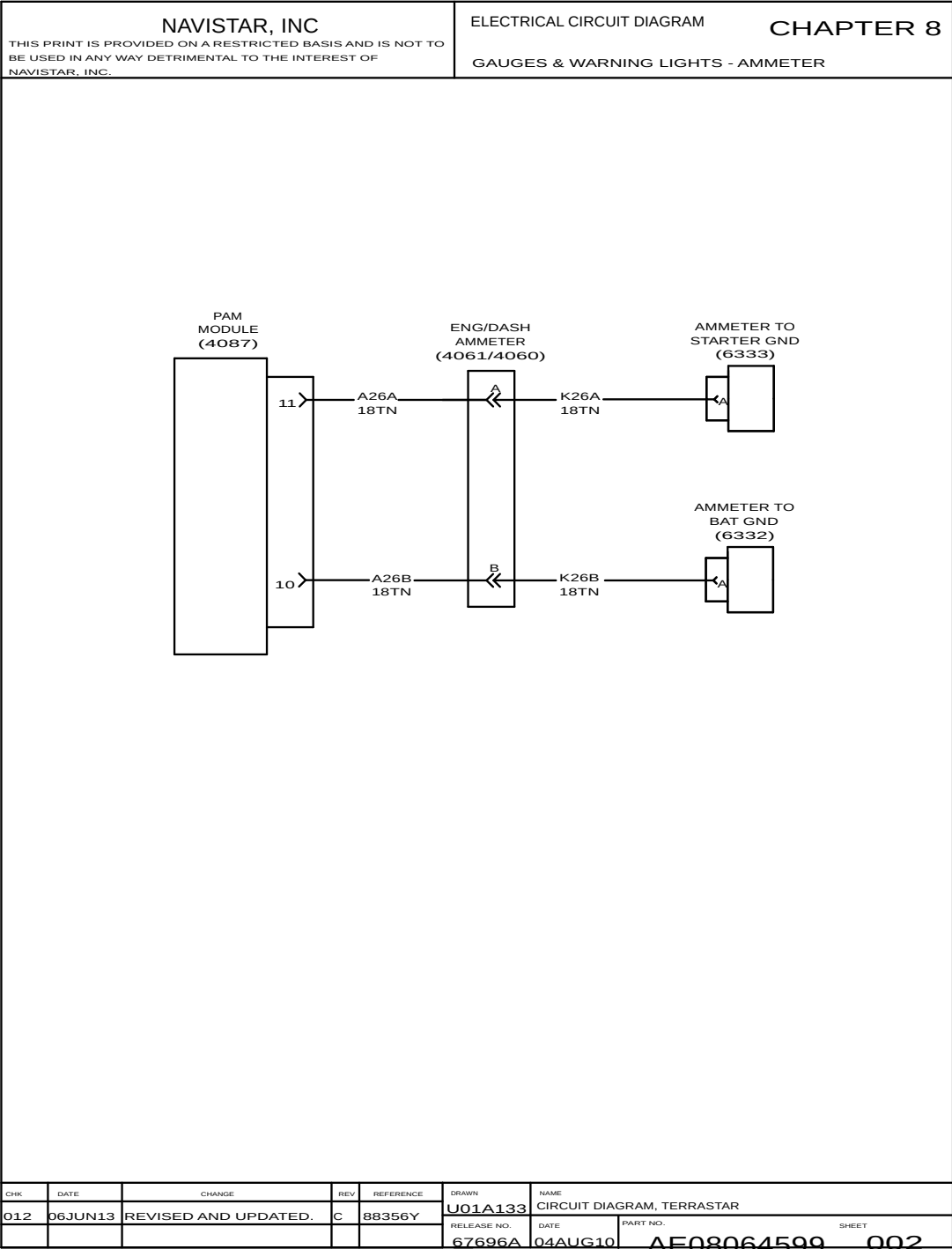


Figure 85 Gauges and Warning Lights – Ammeter

8.3. INTENTIONALLY LEFT BLANK, 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 8 AIR PARK BRAKE			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	04AUG10	AE08064599
						SHEET	
						003	

Figure 86 Intentionally Left Blank

8.4. AIR PRESSURE INPUT CIRCUIT, P. 4

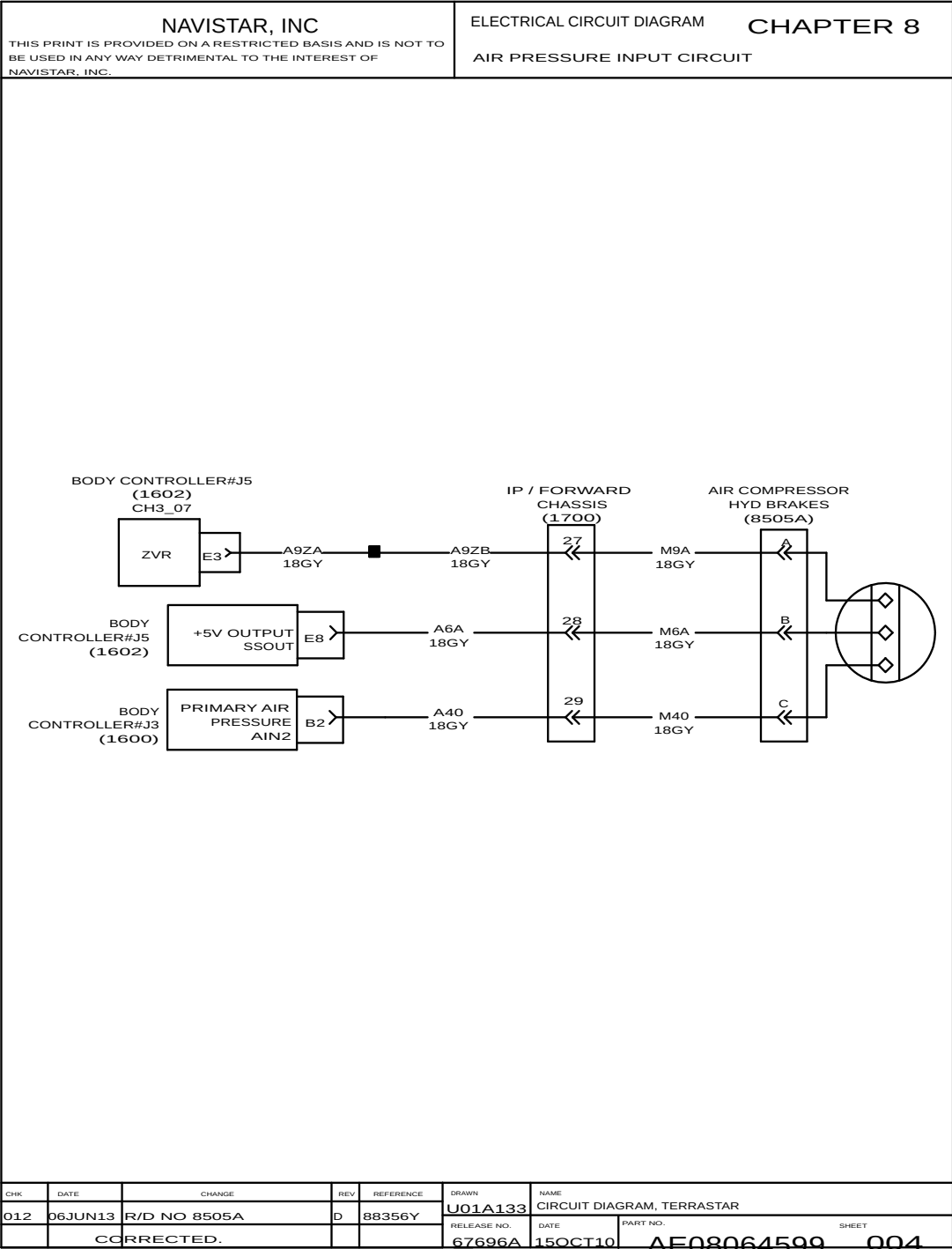


Figure 87 Air Pressure Input Circuit

8.5. IP GAUGES AND WARNING LIGHTS – GAUGE CLUSTER, P. 5

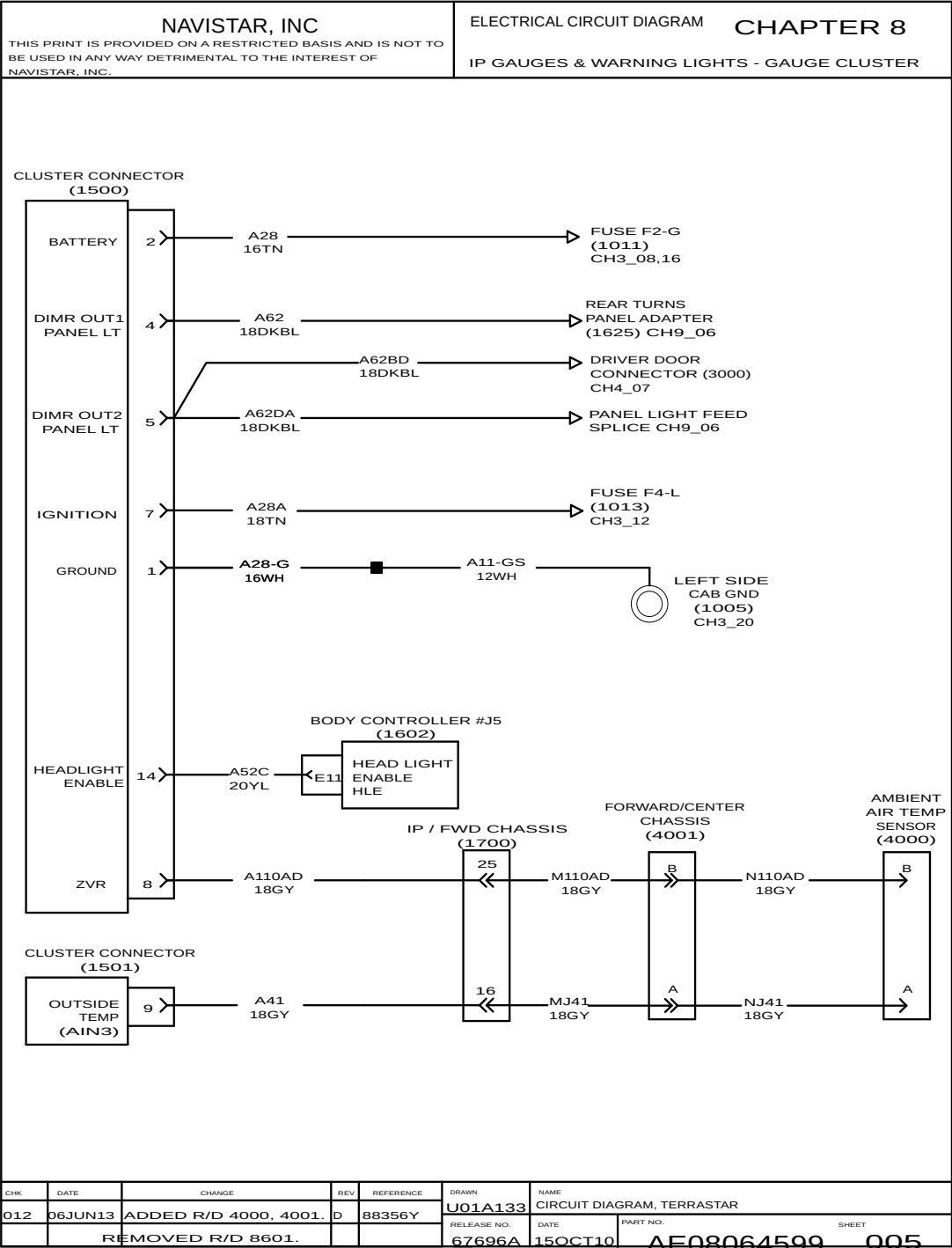


Figure 88 IP Gauges and Warning Lights – Gauge Cluster

8.6. IP / GAUGES, 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 8																																																					
				IP / GAUGES																																																					
INSTRUMENT PANEL GAUGES																																																									
<table border="1"><thead><tr><th>GAUGE</th><th>WARN LIGHT</th><th>SIGNAL PATH</th><th>SENSOR LOCATION</th></tr></thead><tbody><tr><td>RPM (TACH)</td><td>NO</td><td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td><td>ENGINE</td></tr><tr><td>MPH/KPH (SPD)</td><td>NO</td><td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td><td>TRANSMISSION</td></tr><tr><td>FUEL</td><td>YES</td><td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td><td>FUEL TANK</td></tr><tr><td>VOLT</td><td>YES</td><td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td><td>-</td></tr><tr><td>AIR 1 (PRES)</td><td>YES</td><td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td><td>INSIDE CAB-DASH PNL</td></tr><tr><td>AIR 2 (PRES)</td><td>YES</td><td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td><td>STEERING COL AREA</td></tr><tr><td>WATER (TEMP)</td><td>YES</td><td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td><td>ENGINE</td></tr><tr><td>ENG OIL (TEMP)</td><td>YES</td><td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td><td>ENGINE</td></tr><tr><td>OIL (PRES)</td><td>YES</td><td>ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER</td><td>ENGINE</td></tr><tr><td>TRANS (TEMP)</td><td>YES</td><td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td><td>TRANSMISSION</td></tr><tr><td>AIR APPLICATION</td><td>NO</td><td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td><td>FWD CHASSIS</td></tr><tr><td>REAR AXLE TEMP</td><td>YES</td><td>SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER</td><td>AXLE</td></tr></tbody></table>						GAUGE	WARN LIGHT	SIGNAL PATH	SENSOR LOCATION	RPM (TACH)	NO	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE	MPH/KPH (SPD)	NO	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION	FUEL	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	FUEL TANK	VOLT	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	-	AIR 1 (PRES)	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	INSIDE CAB-DASH PNL	AIR 2 (PRES)	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	STEERING COL AREA	WATER (TEMP)	YES	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE	ENG OIL (TEMP)	YES	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE	OIL (PRES)	YES	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE	TRANS (TEMP)	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION	AIR APPLICATION	NO	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	FWD CHASSIS	REAR AXLE TEMP	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	AXLE
GAUGE	WARN LIGHT	SIGNAL PATH	SENSOR LOCATION																																																						
RPM (TACH)	NO	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE																																																						
MPH/KPH (SPD)	NO	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION																																																						
FUEL	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	FUEL TANK																																																						
VOLT	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	-																																																						
AIR 1 (PRES)	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	INSIDE CAB-DASH PNL																																																						
AIR 2 (PRES)	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	STEERING COL AREA																																																						
WATER (TEMP)	YES	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE																																																						
ENG OIL (TEMP)	YES	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE																																																						
OIL (PRES)	YES	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	ENGINE																																																						
TRANS (TEMP)	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION																																																						
AIR APPLICATION	NO	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	FWD CHASSIS																																																						
REAR AXLE TEMP	YES	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	AXLE																																																						
NOTES: 1. WARNING LIGHTS ARE PART OF THE GAUGES AND ARE LOCATED IN THE GAUGE																																																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																			
CNA1	26JUL11	INITIAL RELEASE.	A	80257V	U00KDD2	CIRCUIT DIAGRAM, TERRASTAR																																																			
					RELEASE NO.	DATE																																																			
					80257V	24JUN11																																																			
						PART NO.																																																			
						AE08064599																																																			
						SHEET																																																			
						006																																																			

Figure 89 IP / Gauges

8.7. WARNING LIGHTS LIST, P. 7

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ELECTRICAL CIRCUIT DIAGRAM 8

WARNING LIGHTS LIST

IP WARNING LIGHTS

WARNING LIGHT TITLE	SIGNAL PATH	SENSOR LOCATION
RANGE INHIBITED	TRANS CTRLR / DRIVE TRAIN J1939 / CLUSTER	
FUEL FILTER	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	FUEL FILTER
ENGINE (YELLOW LED)	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	
ENGINE (RED LED)	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	
BRAKE PRESSURE (O)	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	SWITCH
BRAKE FLUID	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	BRK RESERVOIR
TRAC CTRL	TRUCK ABS CTRLR / DRIVE TRAIN J1939 / CLUSTER	
CHECK TRANS	TRANS CTRLR / DRIVE TRAIN J1939 / CLUSTER	
TRAILER ABS	TRLR ABS CTRLR / DRIVE TRAIN J1939 / CLUSTER	
WASHER FLUID	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	WASHER BOTTLE
(LEFT TURN)	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	TURN SIG SW
AIR BAG	DISCRETE NOT ON DATA BUS	
WATER IN FUEL	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	FUEL FILTER
COOLANT LEVEL	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	SURGE TANK
CHECK ELECT SYS	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	
PARK (P)	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	SWITCH
CRUISE	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	
ABS	TRUCK CTRLR / DRIVE TRAIN J1939 / CLUSTER	
(RIGHT TURN)	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	
WAIT TO START	ENGINE CTRLR / DRIVE TRAIN J1939 / CLUSTER	
FASTEN BELTS	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	
(HIGH BEAM IND)	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	
COLD AMB PROT	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	
RETARD OVERHEAT	TRANS CTRLR / DRIVE TRAIN J1939 / CLUSTER	TRANSMISSION
CHECK AC	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	
AUTO NEUTRAL	DISCRETE NOT ON DATA BUS	SWITCH
ALTERNATOR	DISCRETE NOT ON DATA BUS	
PTO/THROTTLE	SYSTEM CTRLR / DRIVE TRAIN J1939 / CLUSTER	
OPTIMIZED IDLE	DISCRETE NOT ON DATA BUS	
SNOW VALVE	DISCRETE NOT ON DATA BUS	SNOW VALVE
FR AXLE DIFF LOCK	DISCRETE NOT ON DATA BUS	FWD RR AXLE
RR AXLE DIFF LOCK	DISCRETE NOT ON DATA BUS	RR RR AXLE
MESSAGE WAIT	DISCRETE NOT ON DATA BUS	
PTO	DISCRETE NOT ON DATA BUS	
CONVERTER TEMP	DISCRETE NOT ON DATA BUS	
TOUCH LOC RELEASE	DISCRETE NOT ON DATA BUS	
PARK FLUID	SYSTEM CTRLR/DRIVE TRAIN	
FR AXLE ENGAGED	DISCRETE NOT ON DATA BUS	TRANSFER CASE

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	26JUL11	INITIAL RELEASE.	A	80257V	U00KDD2	CIRCUIT DIAGRAM, TERRASTAR
					RELEASE NO.	DATE
					80257V	24JUN11
					PART NO.	SHEET
					AE08064599	007

Figure 90 Warning Lights List

8.8. WARNING LIGHTS CONTROLLING BY ENGINE, TRANSMISSION, ABS CONTROLLER, P. 8

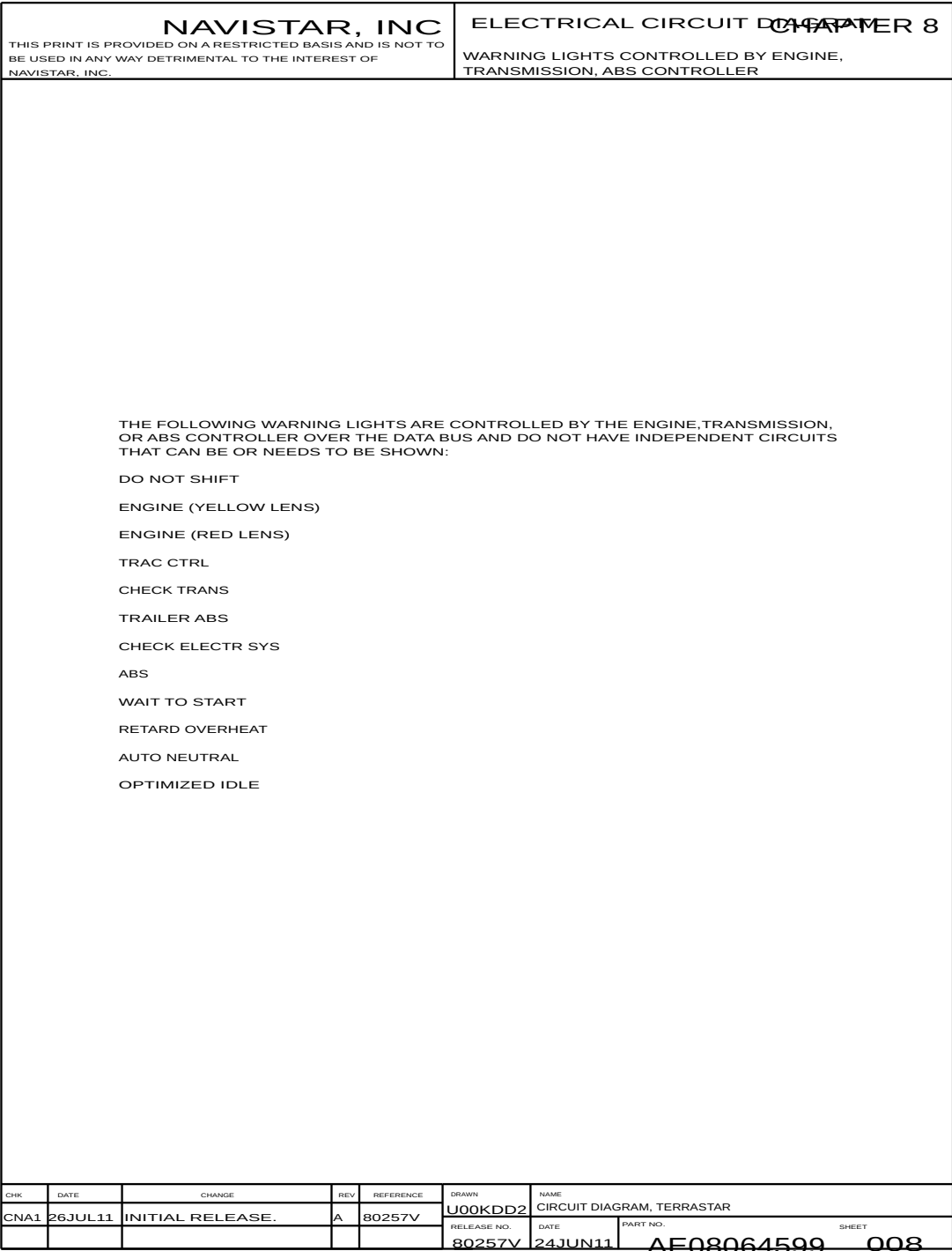


Figure 91 Warning Lights Controlling by Engine, Transmission, ABS Controller

8.9. ENGINE OIL PRESS & TEMP, SPEEDOMETER, TACH, VOLTMETER & WATER TEMP GAUGE CIRCUITS, P. 9

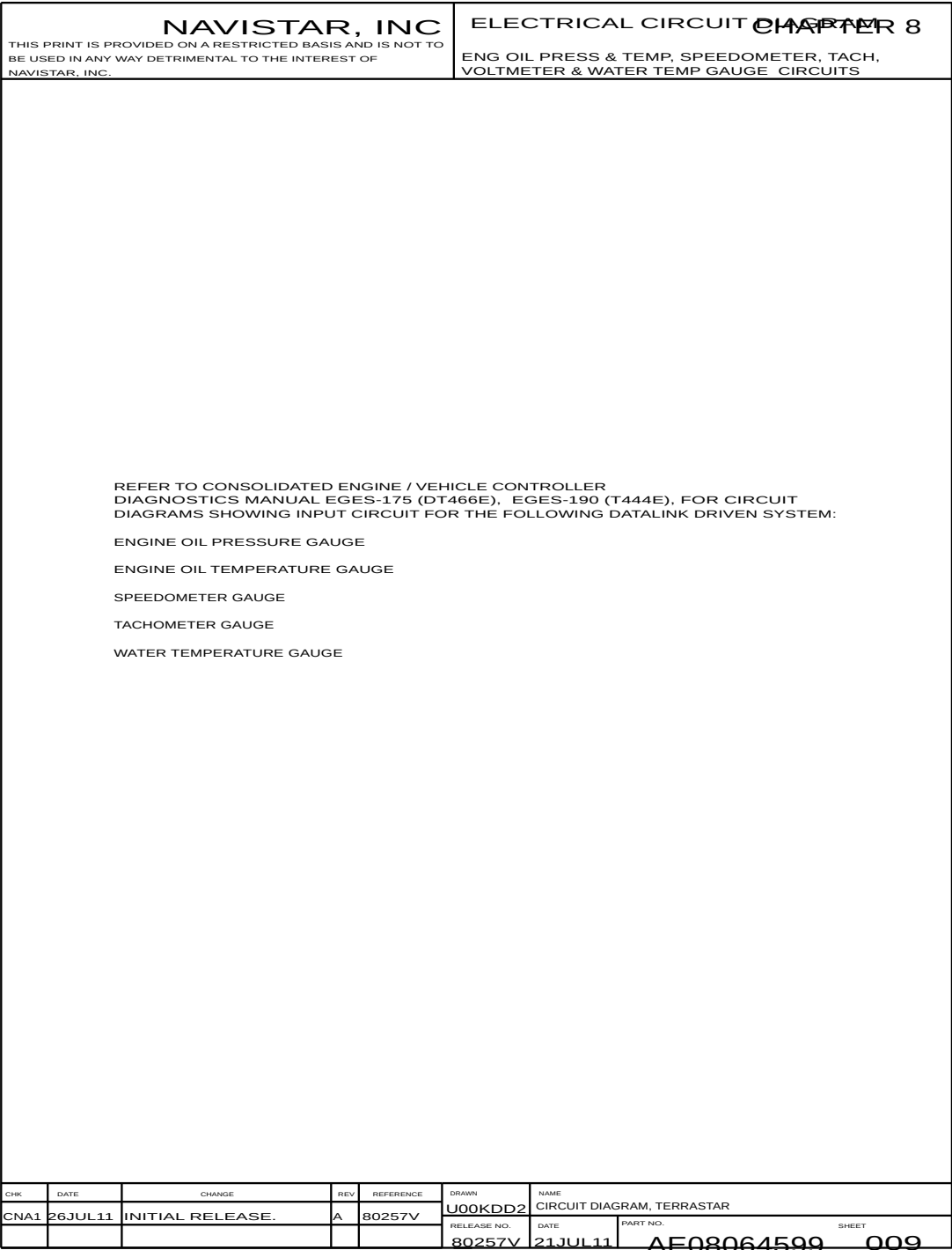


Figure 92 Engine Oil Press & Temp, Speedometer, Tach, Voltmeter & Water Temp Gauge Circuits

8.10. FUEL GAUGE CIRCUITRY (SINGLE TANK AND DUAL TANK), P. 10

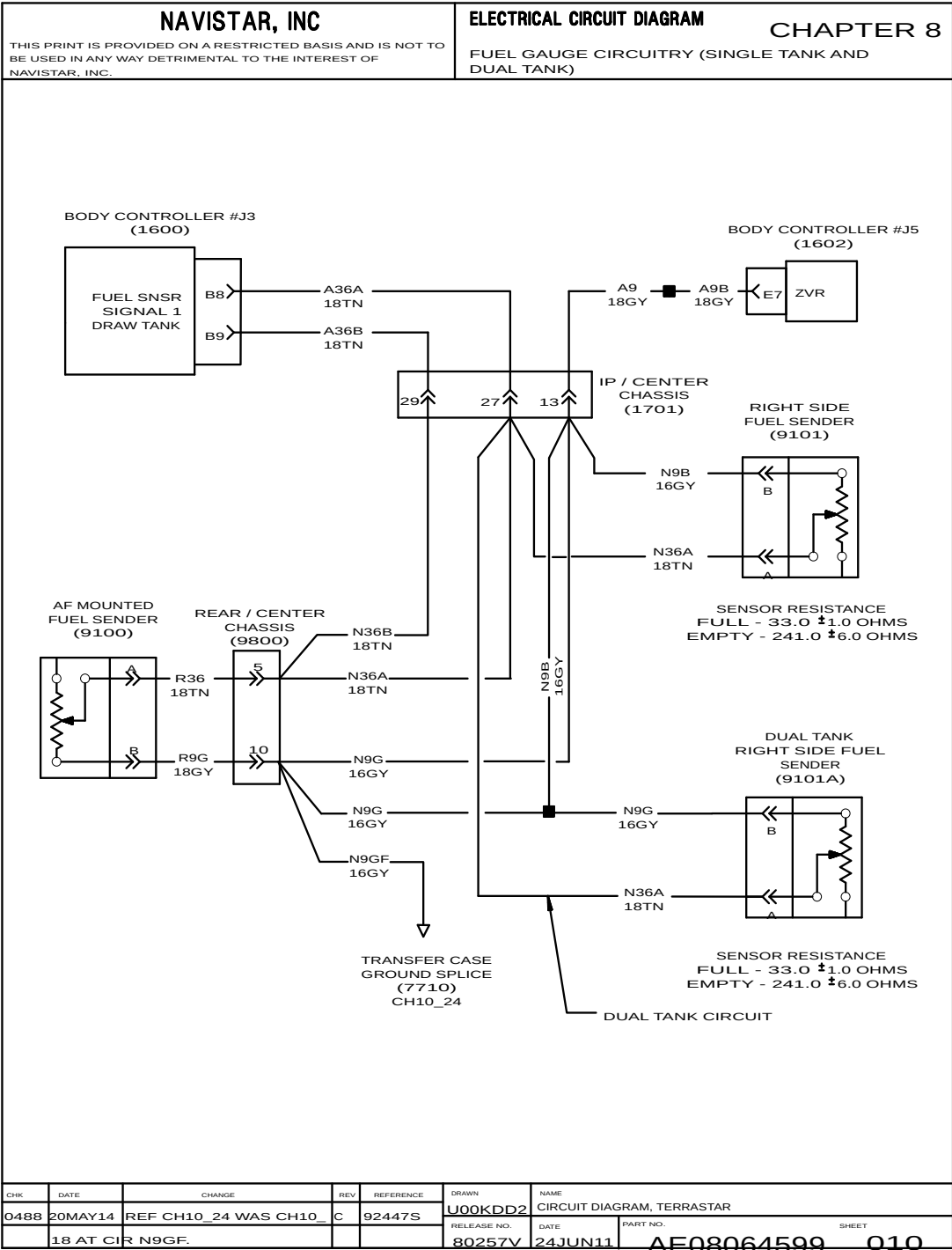


Figure 93 Fuel Gauge Circuitry (Single Tank and Dual Tank)

LIGHTS (CHAPTER 9)

9.1. BACK-UP – WITH ALLISON TRANSMISSION, P. 1

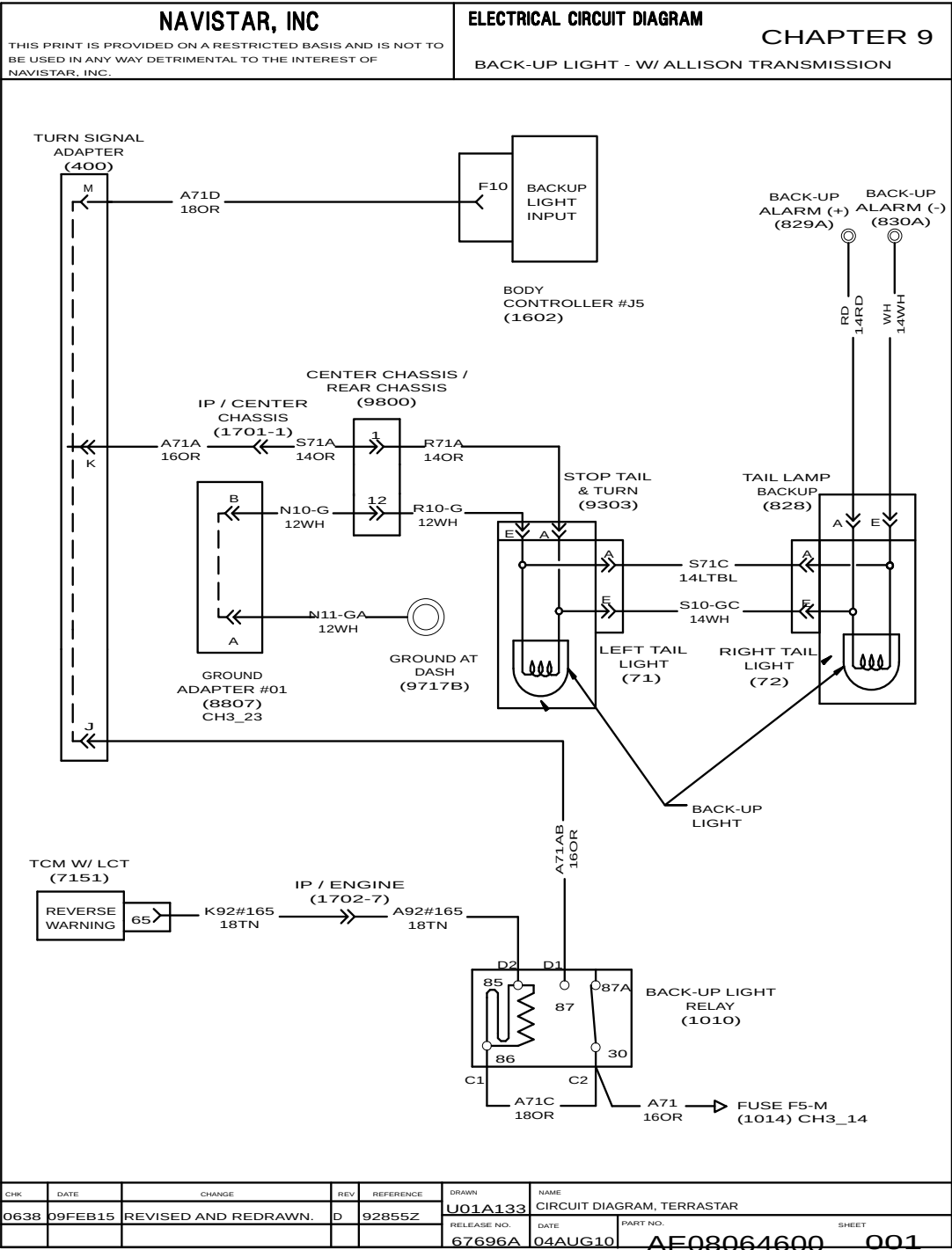


Figure 94 Back-Up – with Allison Transmission

9.2. LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS, P. 2

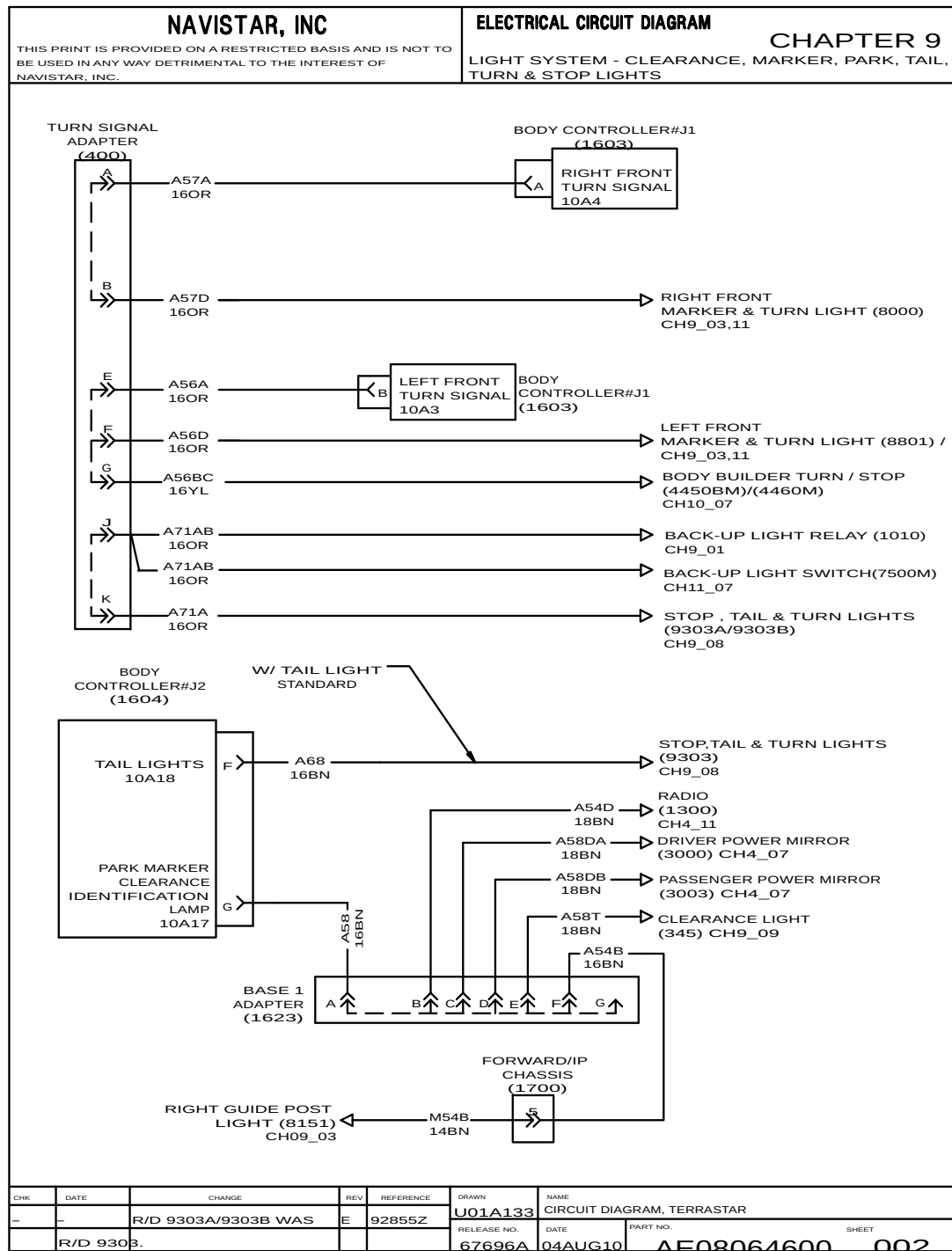


Figure 95 Light System – Clearance, Marker, Park, Tail, Turn & Stop Lights

9.3. LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS (CONT.), P. 3

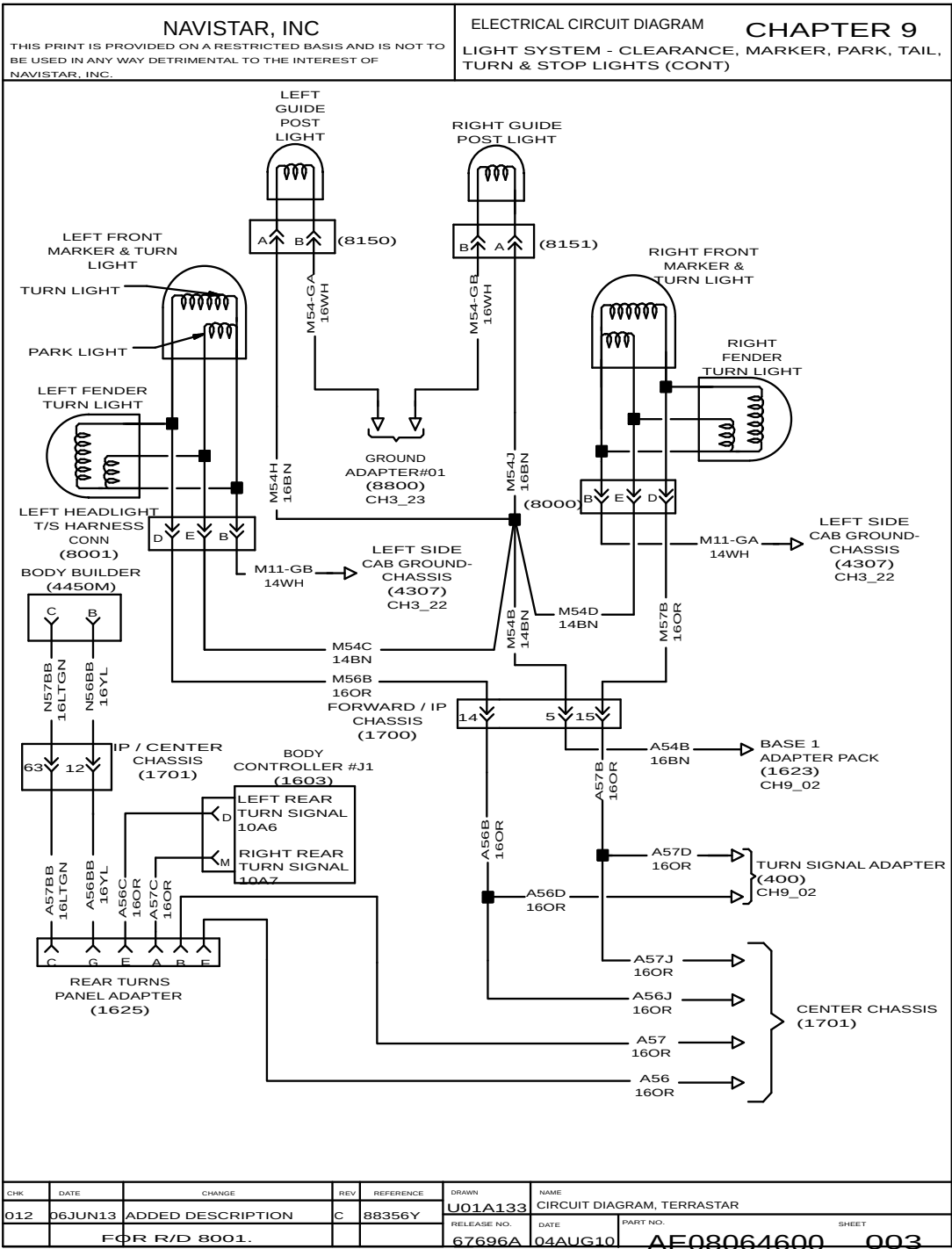


Figure 96 Light System – Clearance, Marker, Park, Tail, Turn & Stop Lights (Cont.)

9.4. LIGHT SYSTEM, FOG LIGHT, P. 4

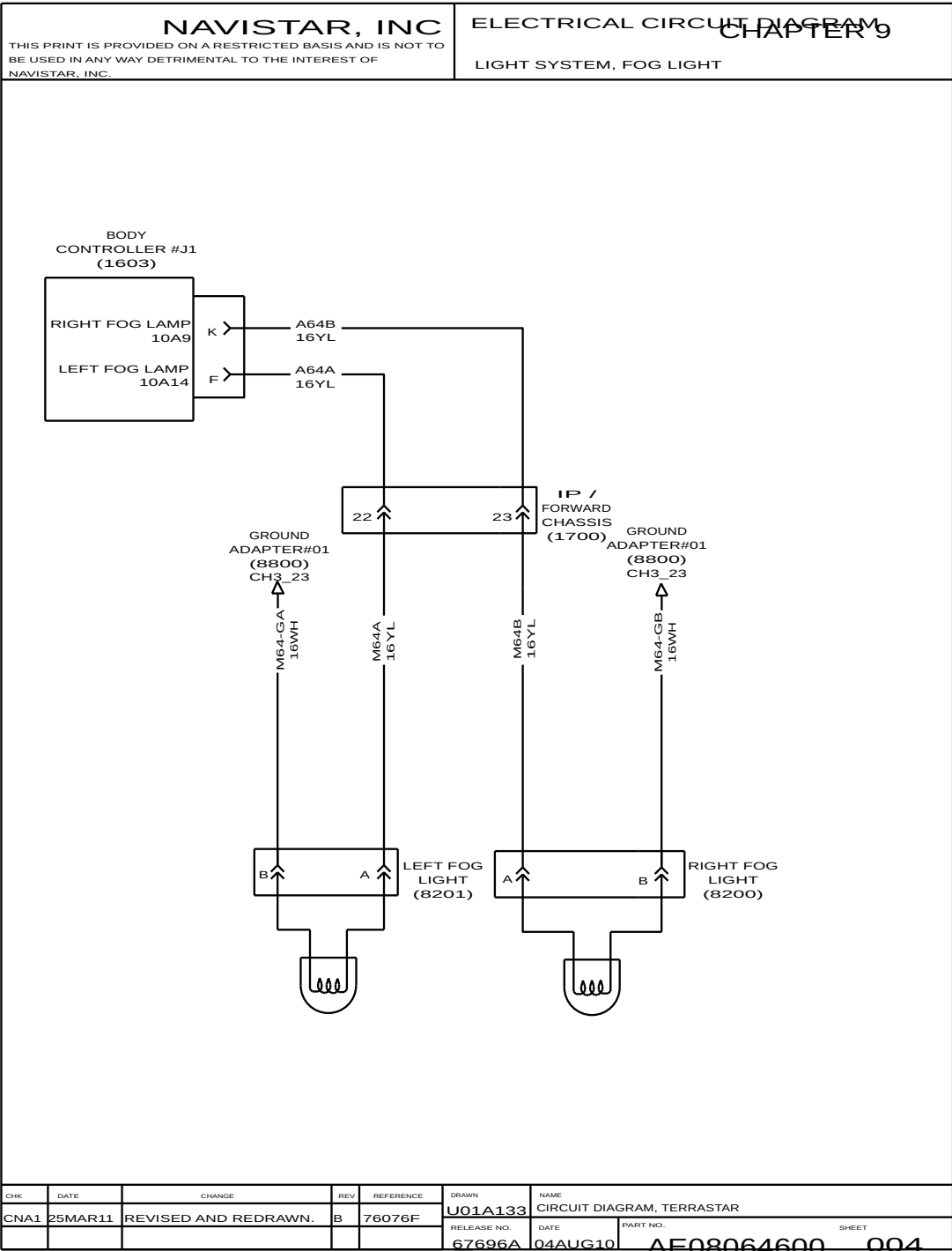


Figure 97 Light System, Fog Light

9.5. HEADLIGHTS, P. 5

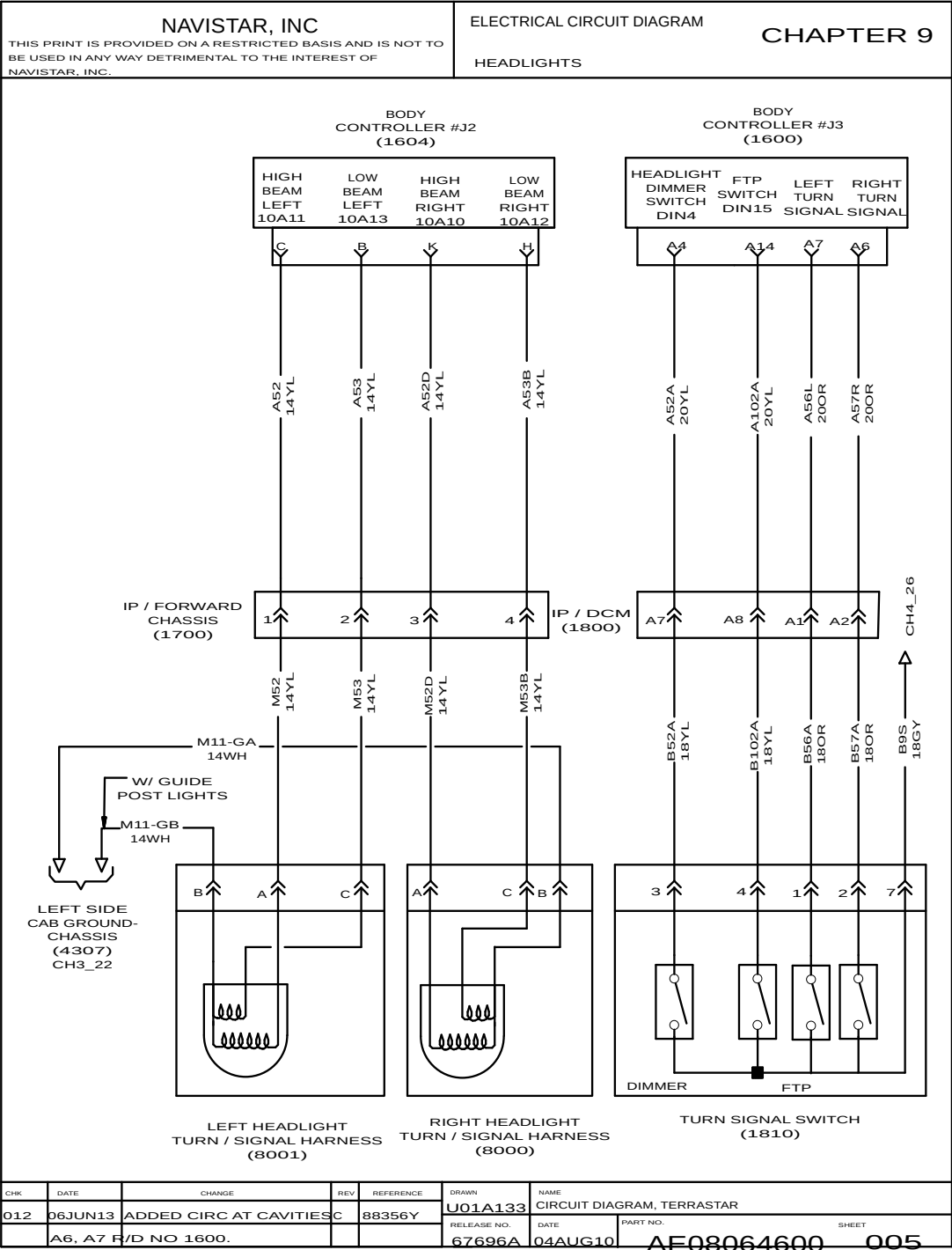
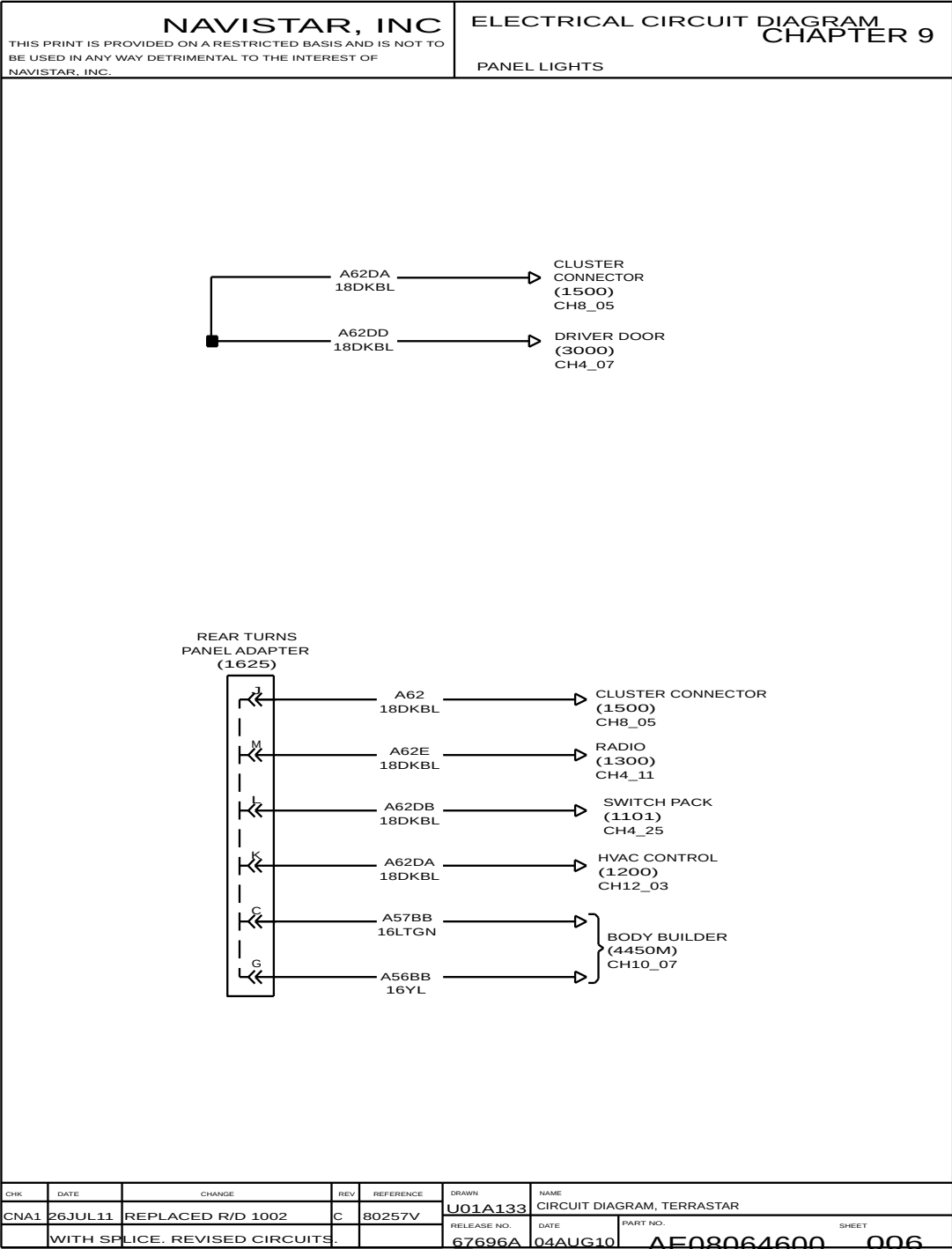


Figure 98 Headlights

9.6. PANEL LIGHTS, P. 6



9.7. INTENTIONALLY LEFT BLANK, P. 7

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INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	15OCT10	AE08064600
						SHEET	
						007	

Figure 100 Intentionally Left Blank

9.8. LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS (CONT.), P. 8

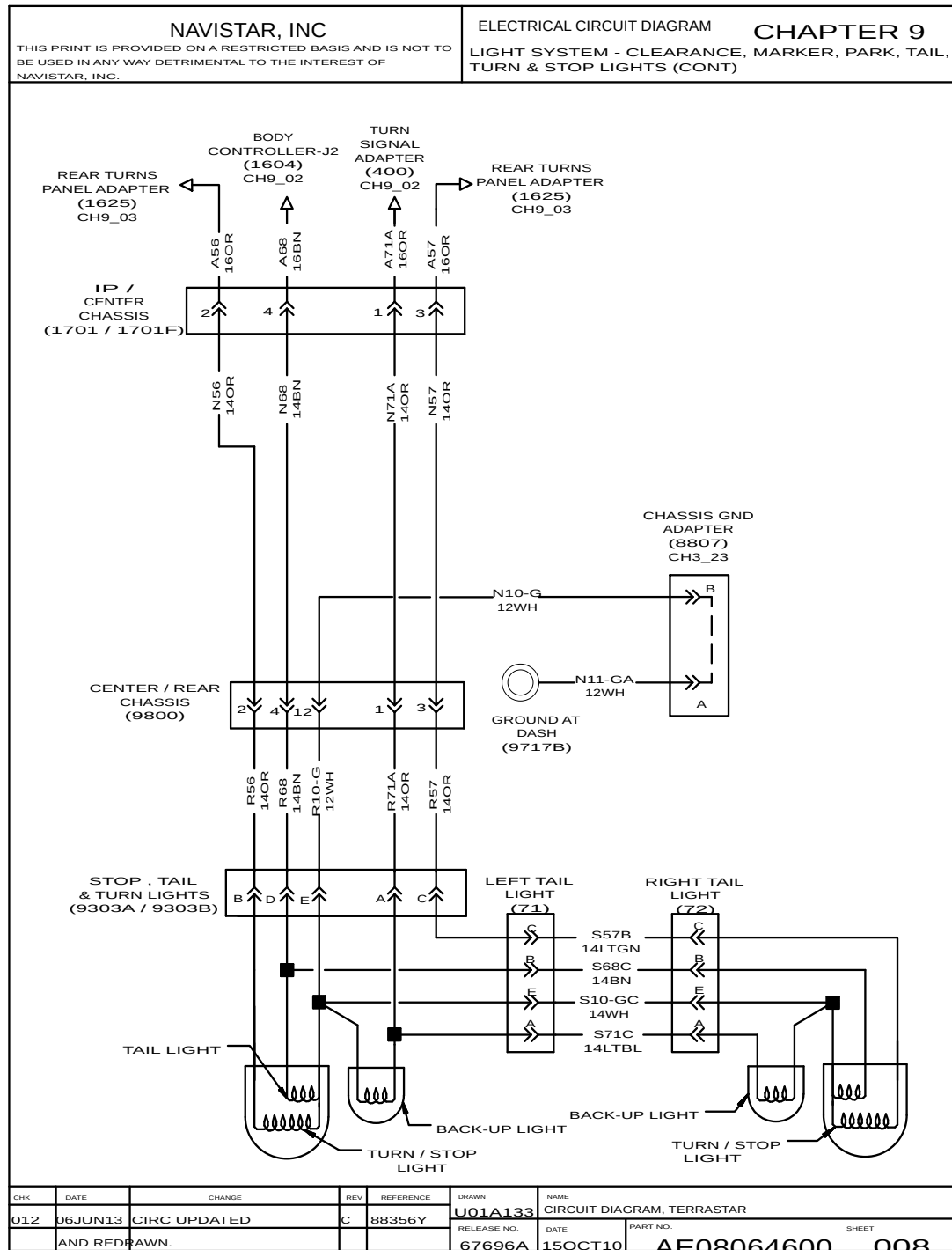


Figure 101 Light System – Clearance, Marker, Park, Tail, Turn & Stop Lights (Cont.)

9.9. LIGHT SYSTEM – CLEARANCE, MARKER, PARK, TAIL, TURN & STOP LIGHTS (CONT.), P. 9

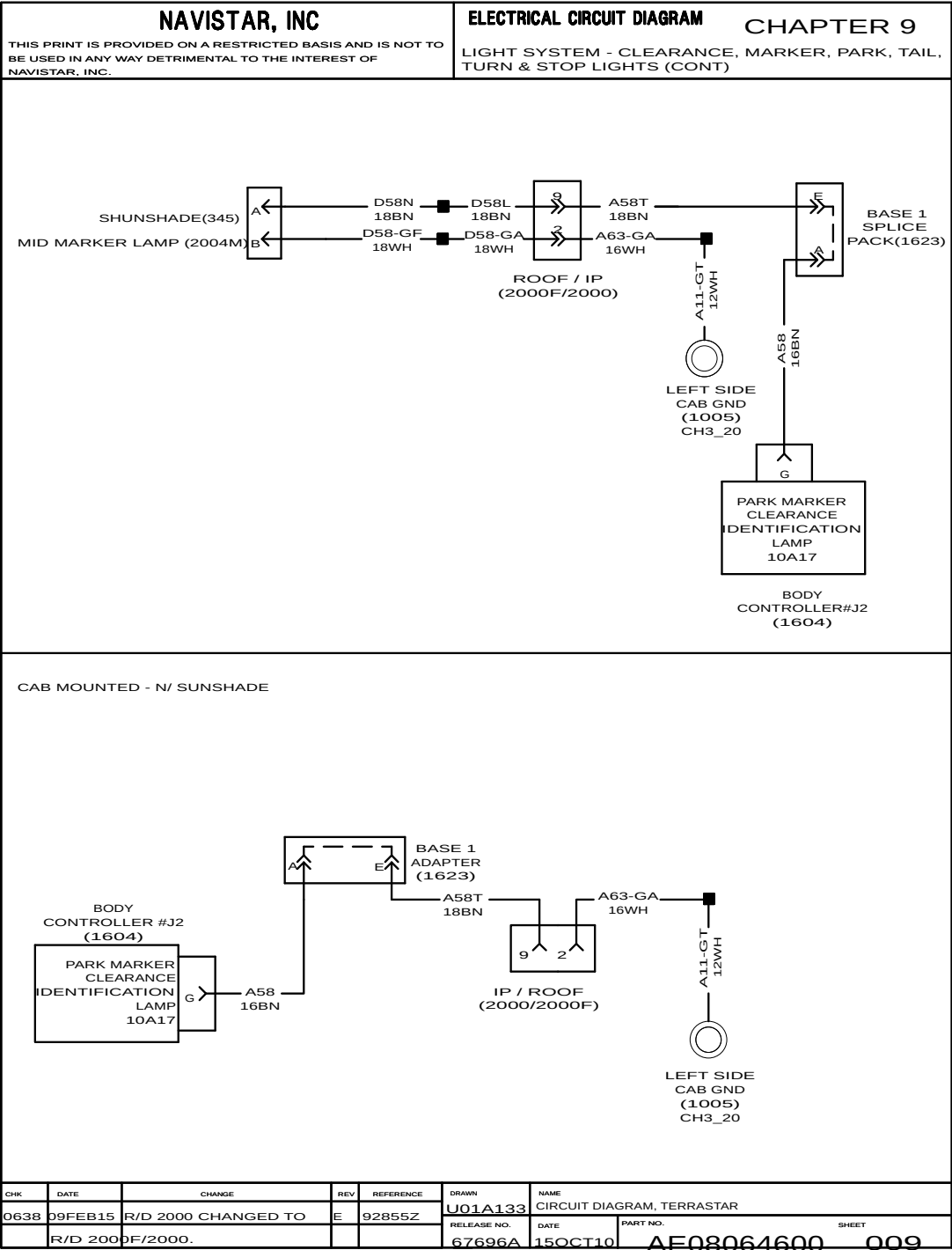


Figure 102 Light System – Clearance, Marker, Park, Tail, Turn & Stop Lights (Cont.)

9.11. AUX HEADLIGHTS, SNOWPLOW LIGHTS (CONT.), P. 11

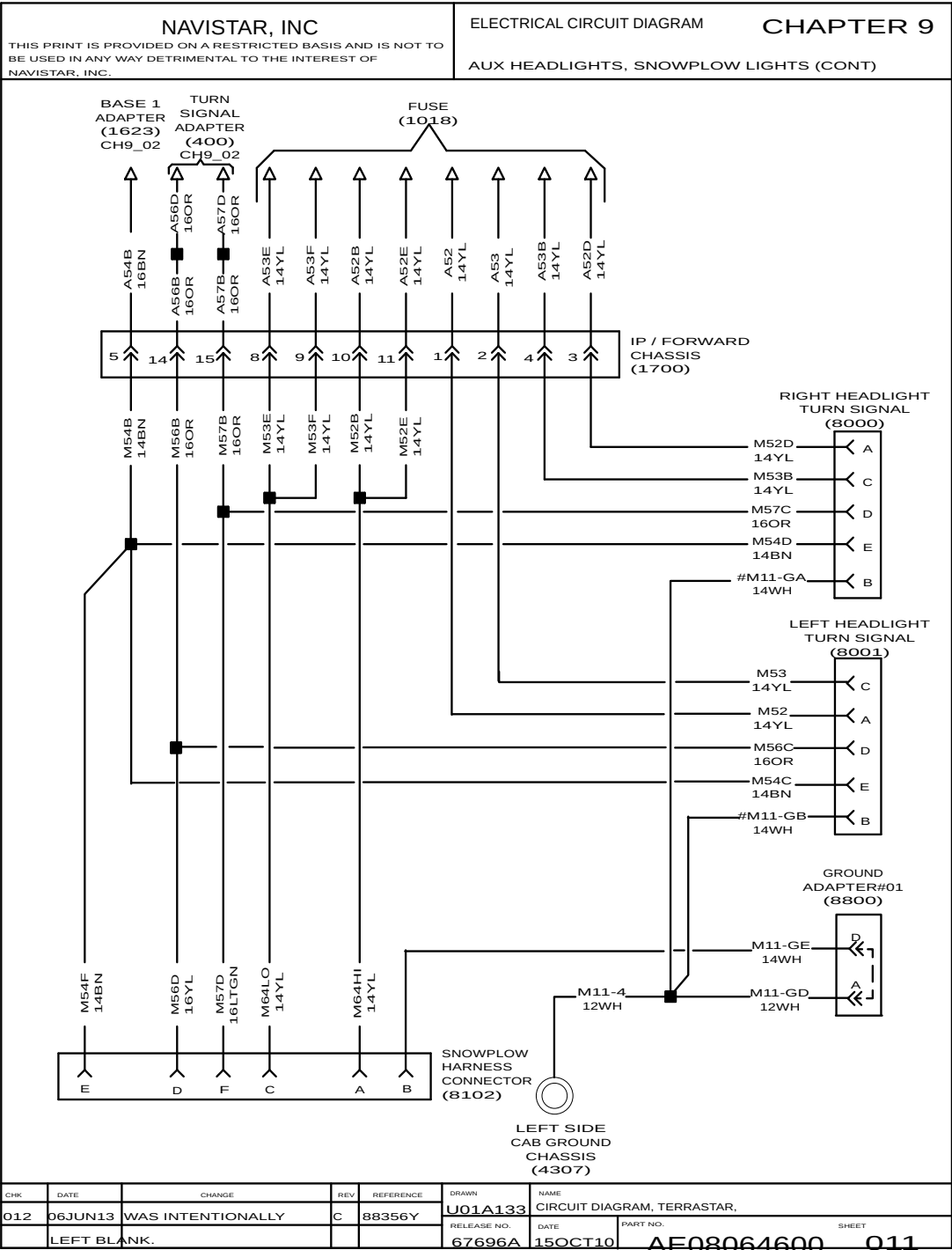


Figure 104 Aux Headlights, Snowplow Lights (Cont.)

9.12. DOME LIGHT SYSTEM, P. 12

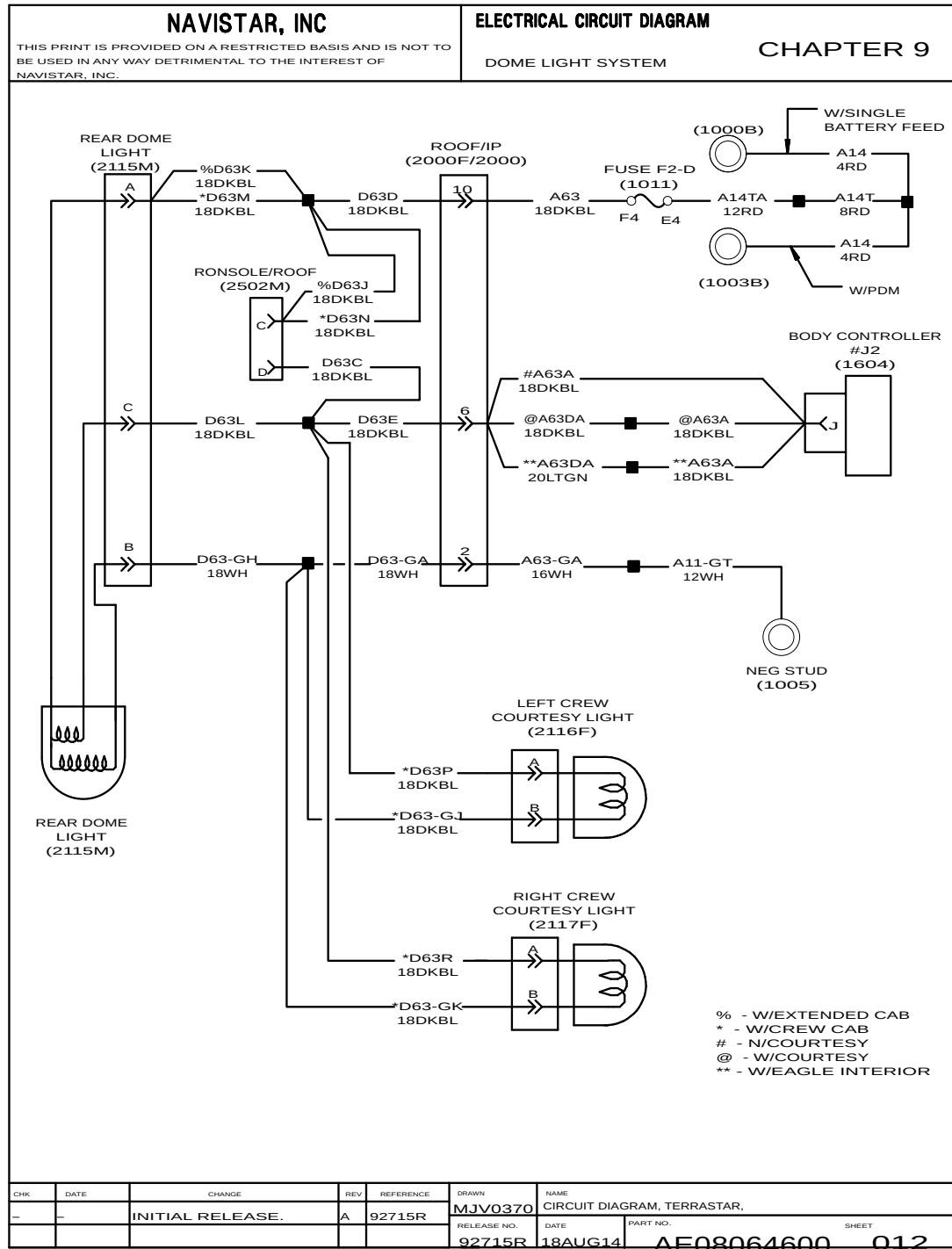


Figure 105 Dome Light System

9.13. CLEARANCE AND MARKER LIGHT, P. 13

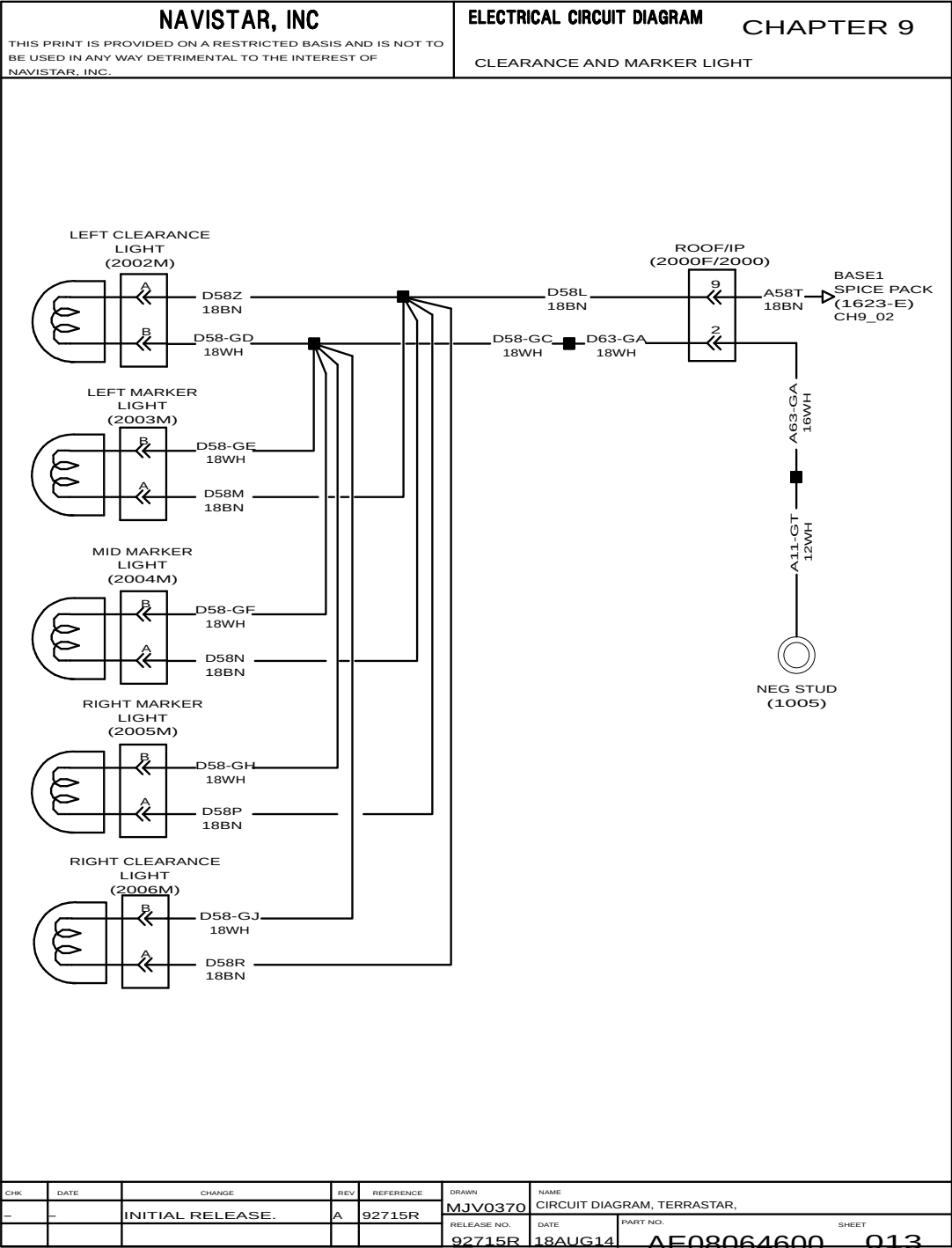


Figure 106 Clearance and Marker Light

CHASSIS ACCESSORIES (CHAPTER 10)

10.1. TRW ABS BRAKES, P. 1

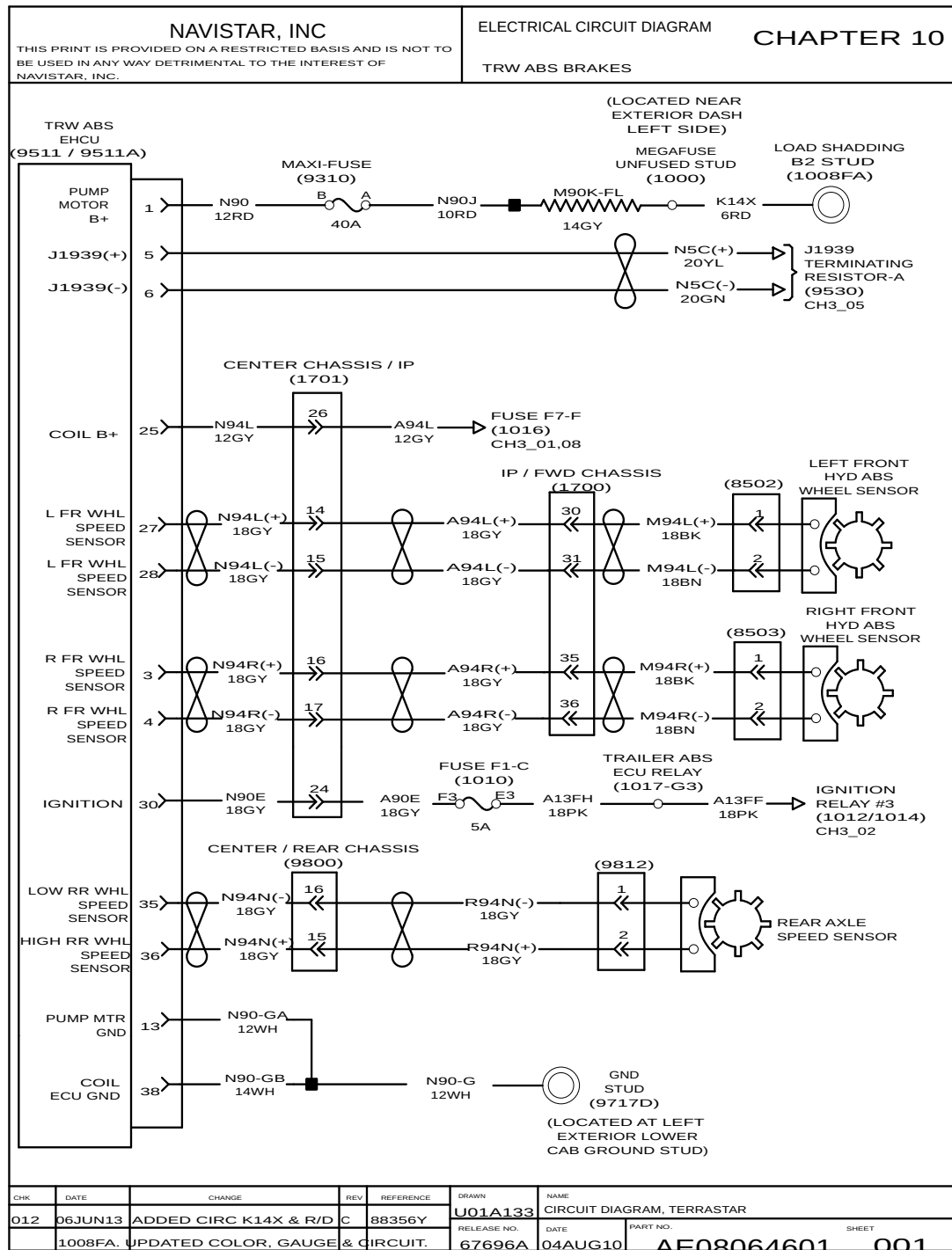


Figure 107 TRW ABS Brakes

10.2. TRW ABS BRAKES (CONT.), P. 2

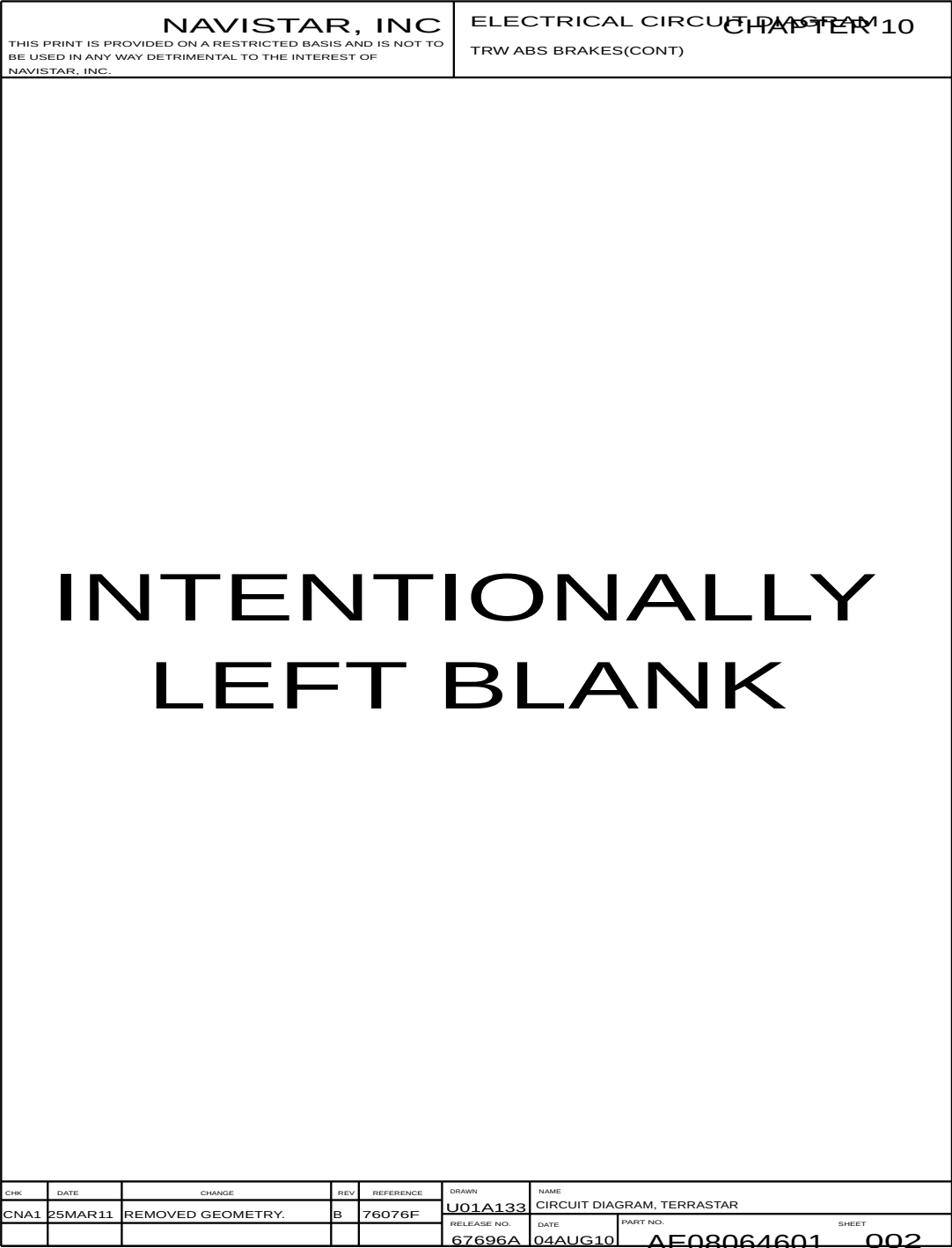


Figure 108 TRW ABS Brakes (Cont.)

10.3. TRW ABS BRAKES (CONT.), P. 3

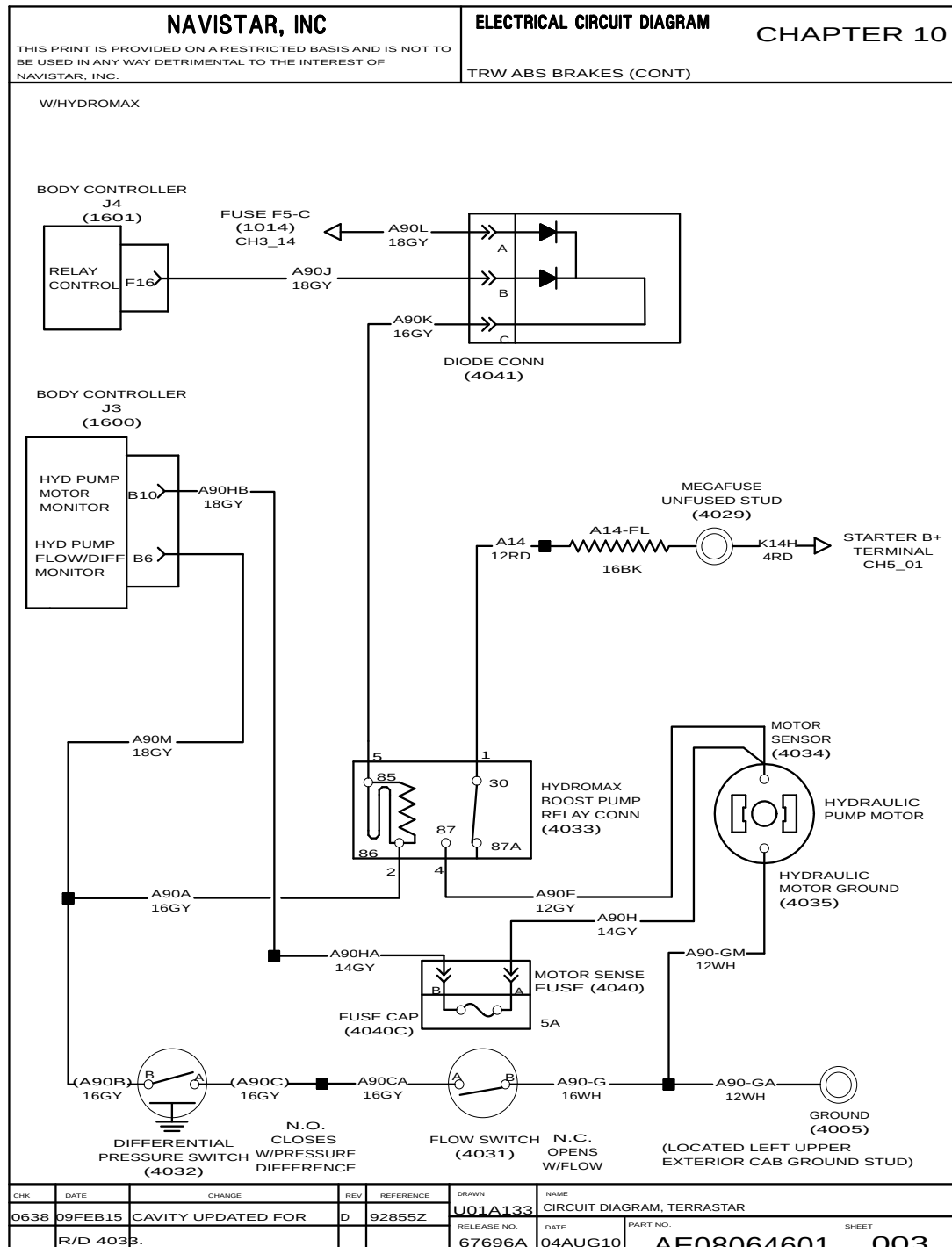


Figure 109 TRW ABS Brakes (Cont.)

10.4. BODY BUILDER AND TRAILER – TURN, MARKERS AND STOP , P. 4

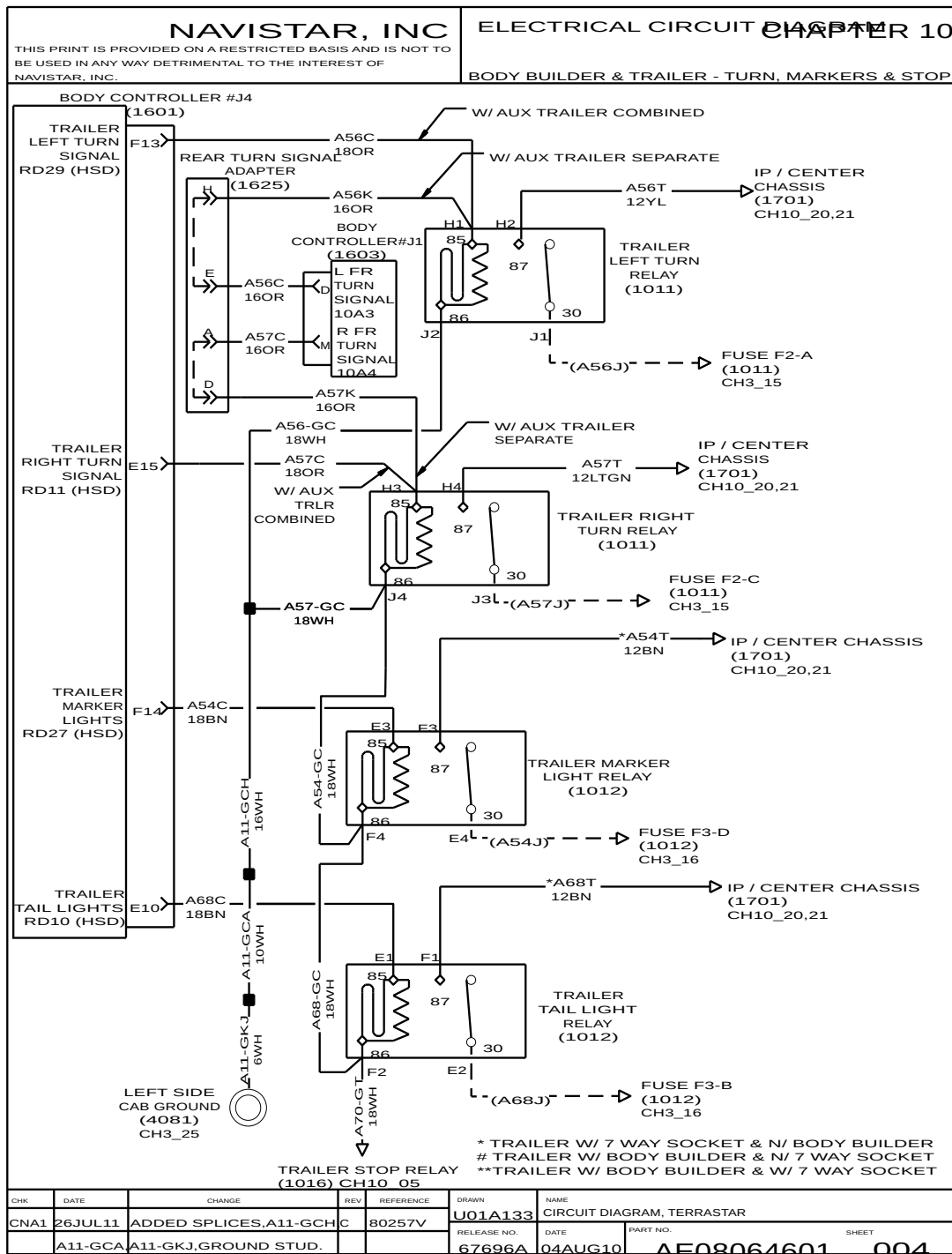


Figure 110 Body Builder and Trailer – Turn, Markers and Stop

10.5. BODY BUILDER AND TRAILER – TURN, MARKERS AND STOP (CONT.), P. 5

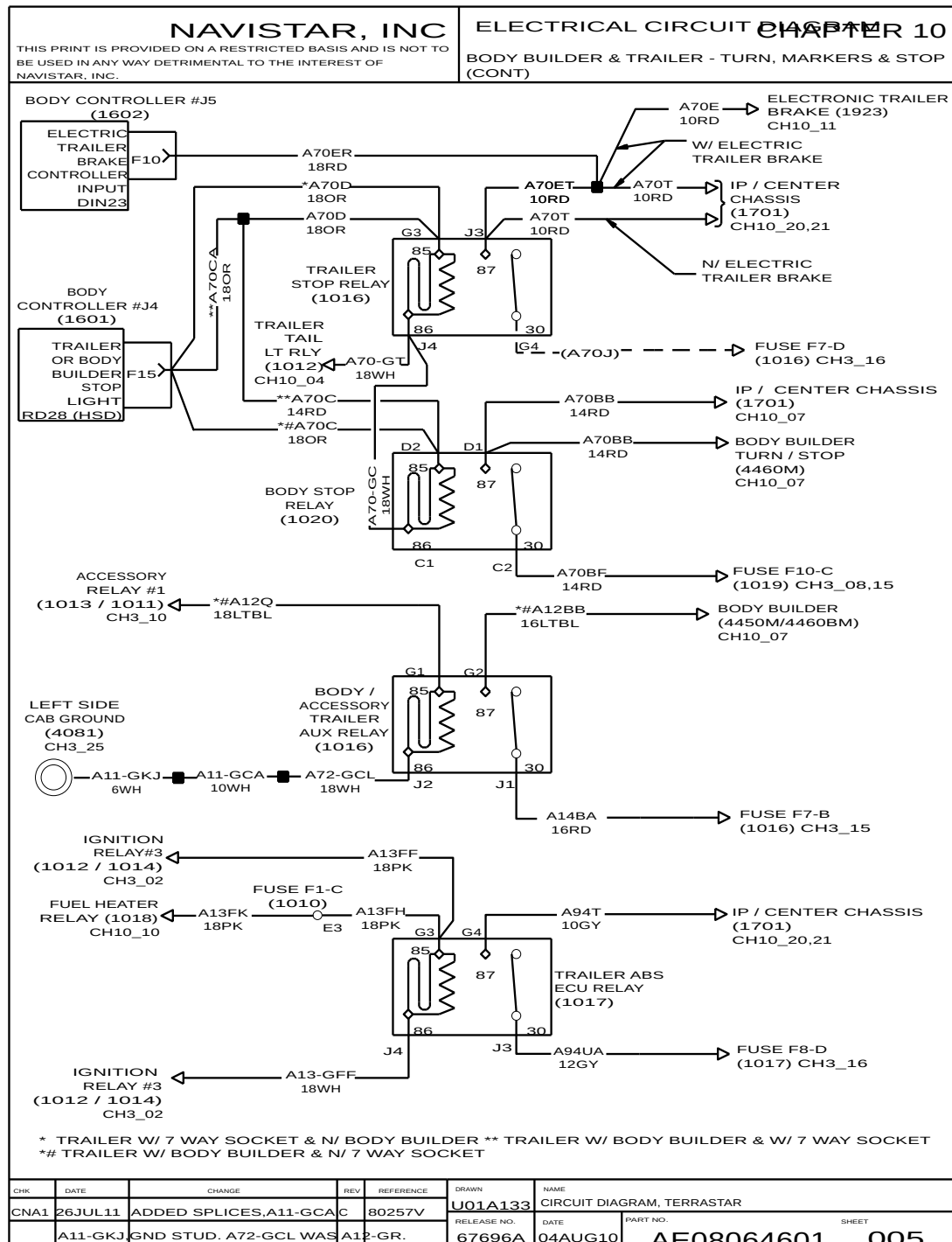


Figure 111 Body Builder & Trailer – Turn, Markers & Stop (Cont.)

10.6. BODY BUILDER ACC FEED WIRING, P. 6

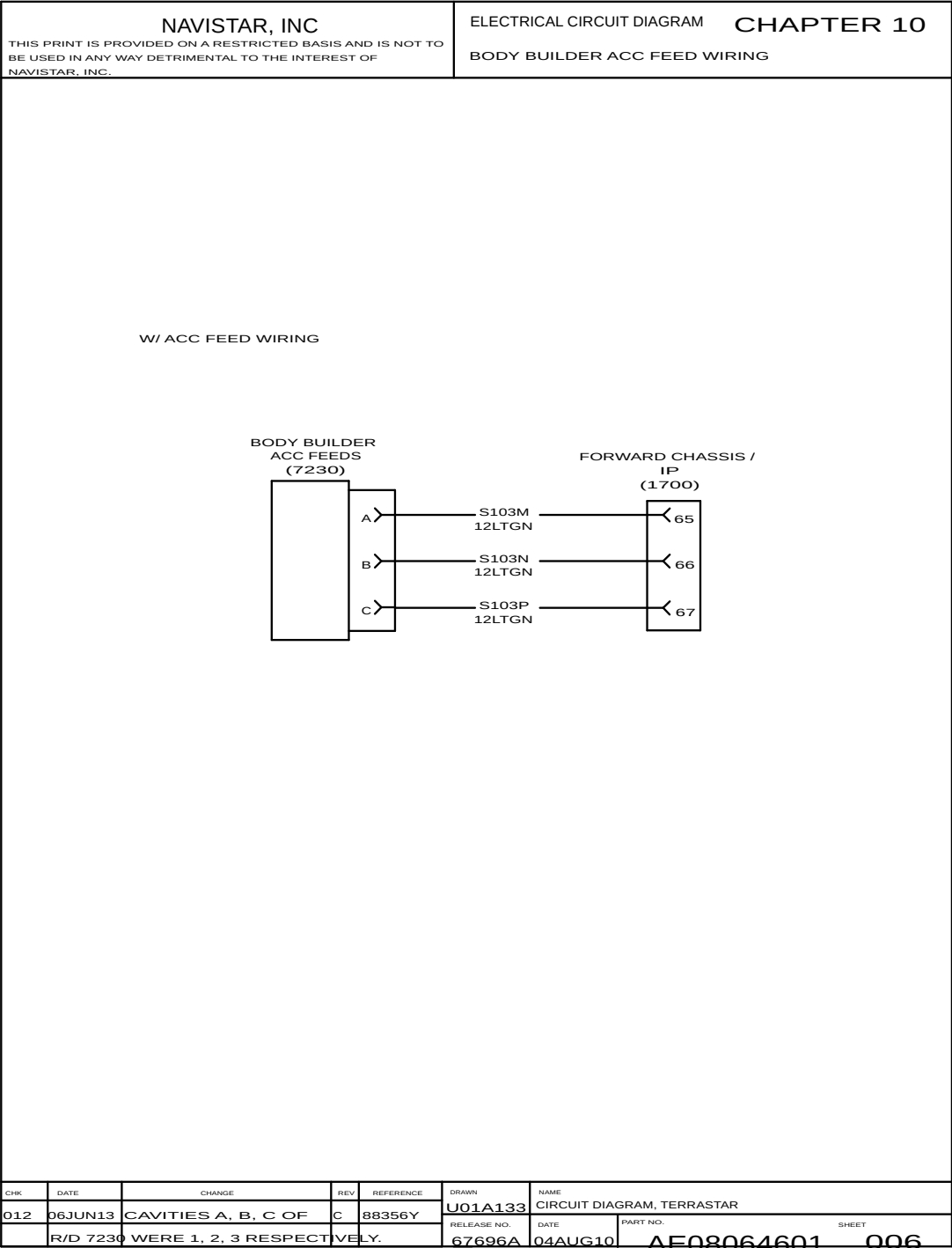


Figure 112 Body Builder ACC Feed Wiring

10.7. BODY BUILDER CONNECTIONS, P. 7

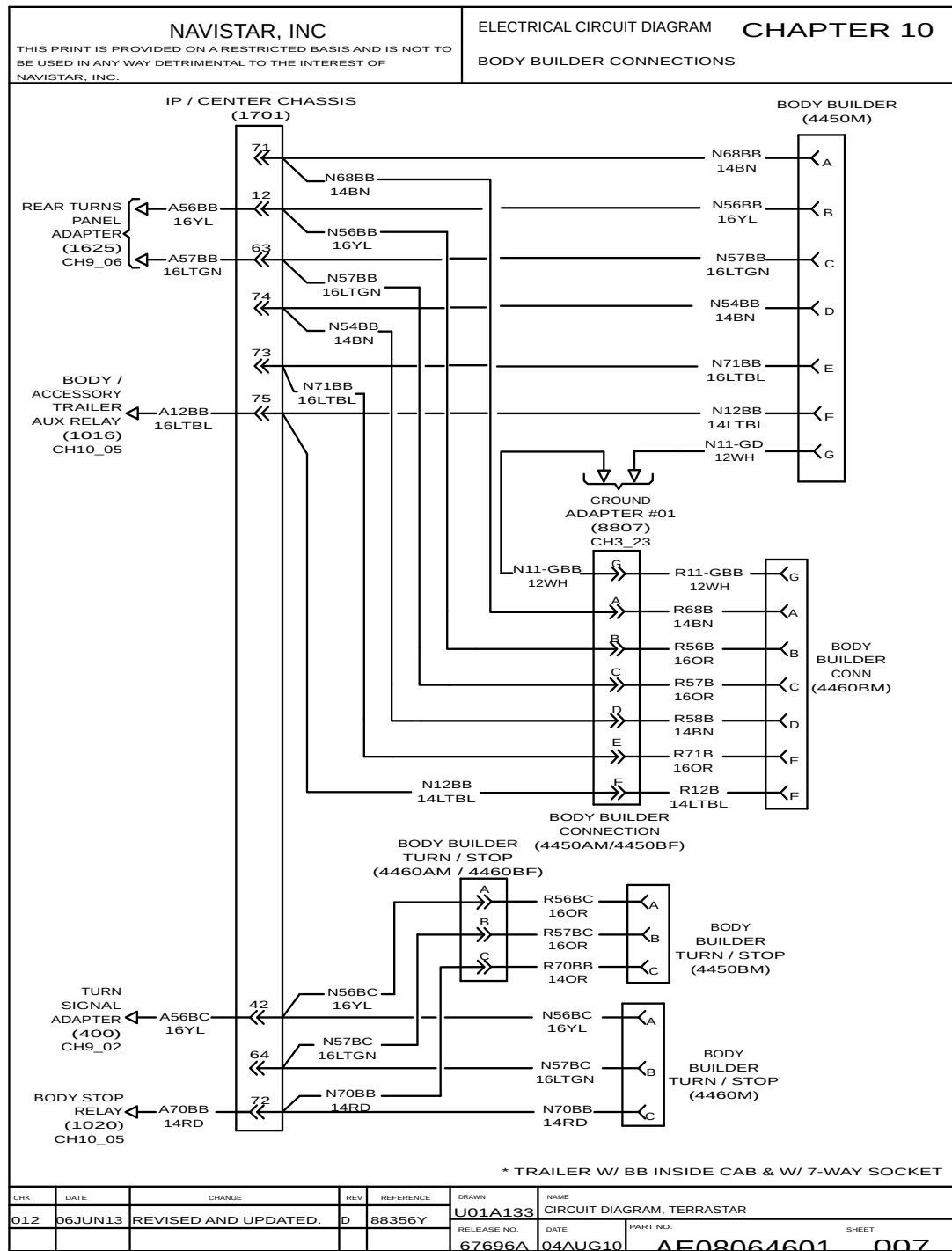


Figure 113 Body Builder Connections

10.8. INTENTIONALLY LEFT BLANK, P. 8

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INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	04AUG10	AE08064601
						SHEET	
						008	

Figure 114 Intentionally Left Blank

10.9. REMOTE POWER MODULE – CAB MOUNTED, P. 9

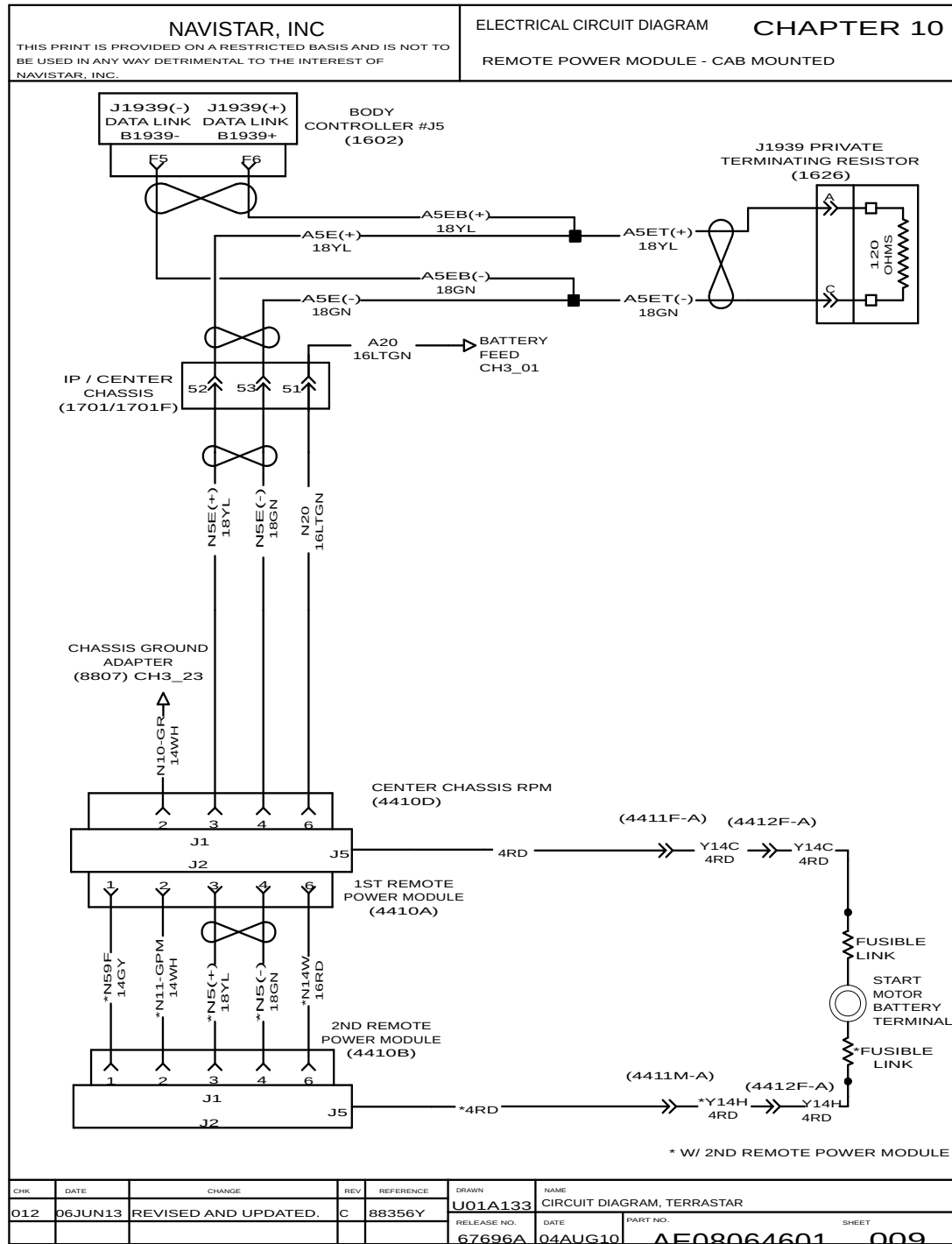


Figure 115 Remote Power Module – Cab Mounted

10.10. REMOTE POWER MODULE – CAB MOUNTED (CONT.), P. 9A

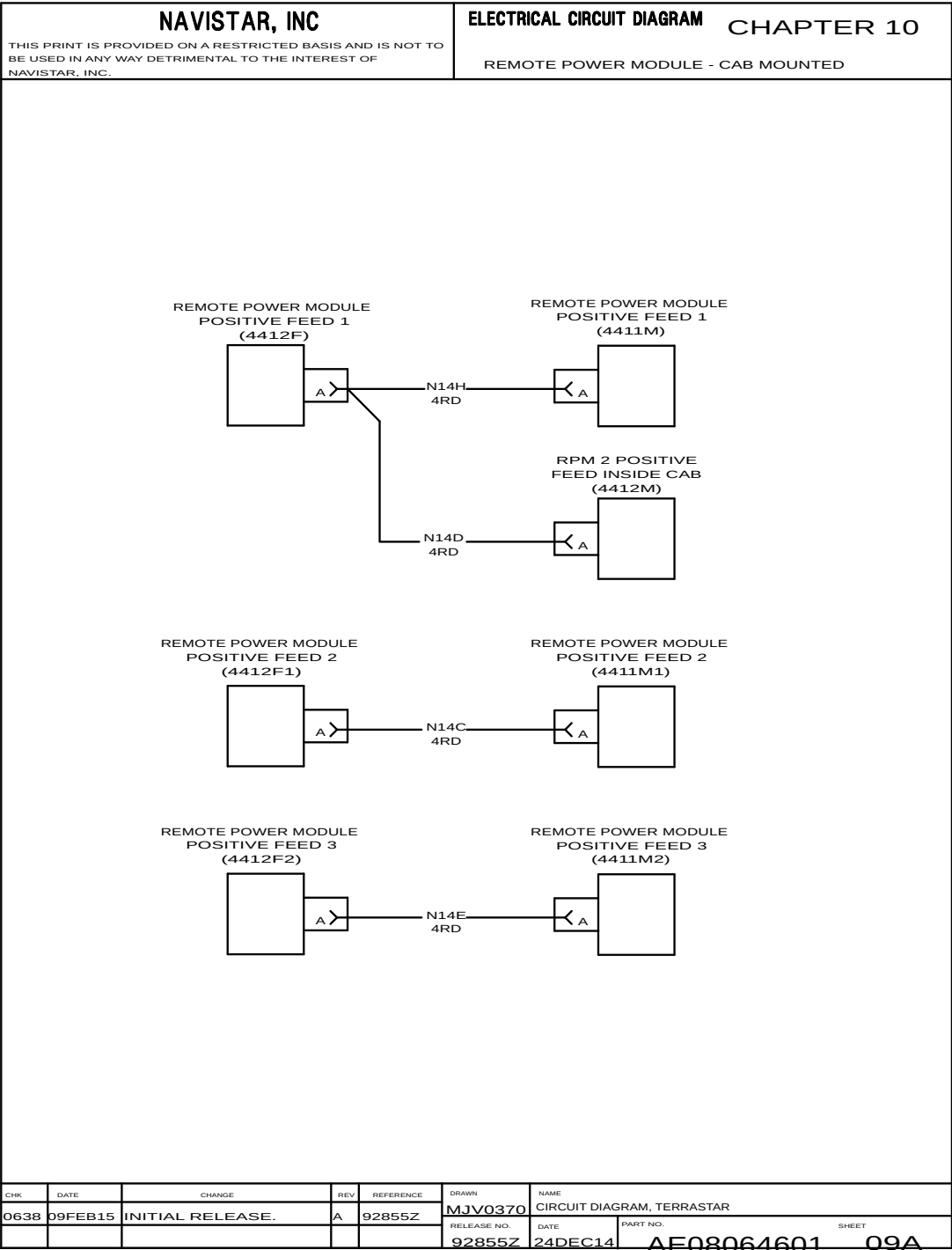


Figure 116 Remote Power Module – Cab Mounted (Cont.)

10.11. FUEL / HEATER RELAY, P. 10

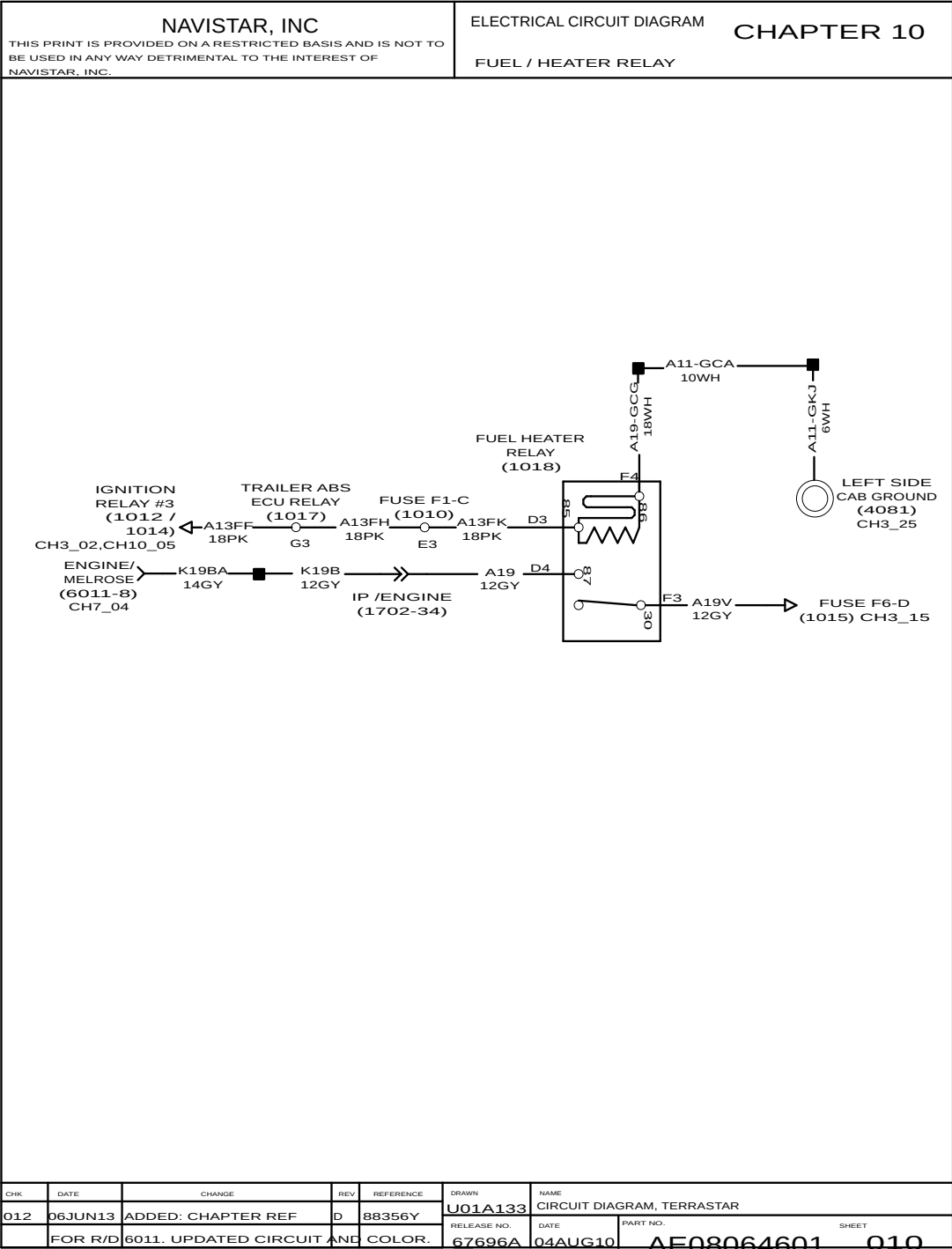


Figure 117 Fuel / Heater Relay

10.12. ELECTRIC TRAILER BRAKE, P. 11

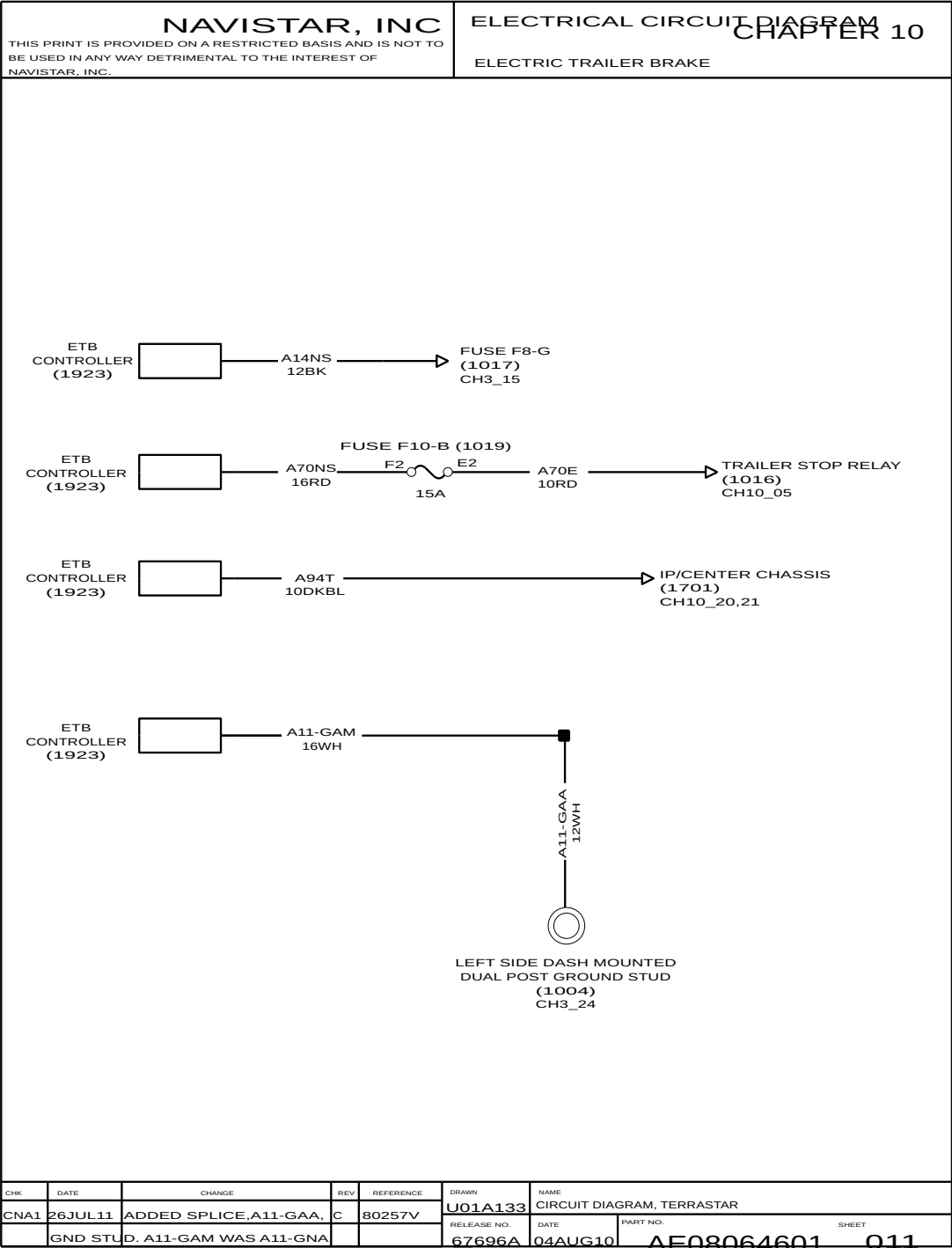


Figure 118 Electric Trailer Brake

10.13. HOUR METER – PTO, P. 12

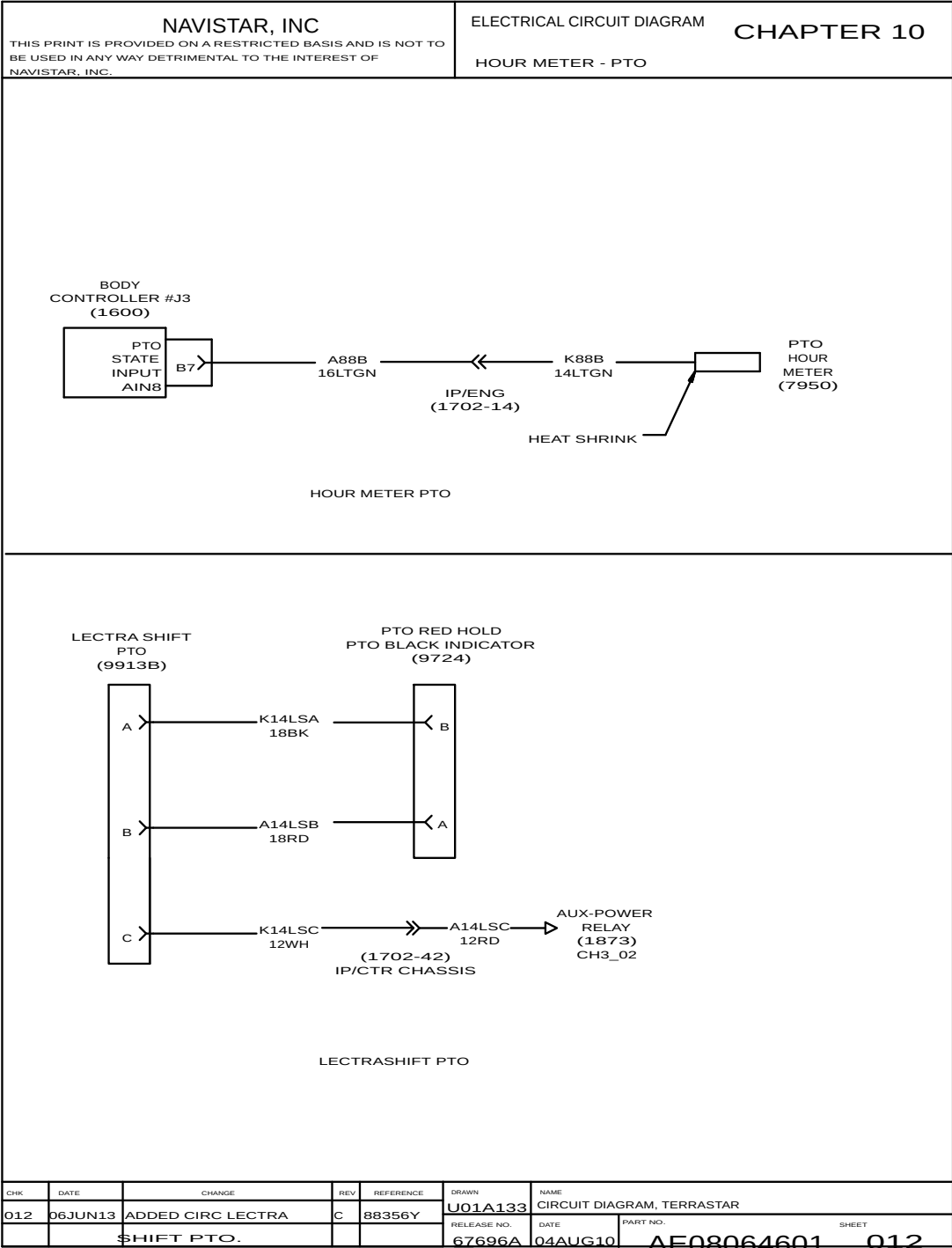


Figure 119 Hour Meter – PTO

10.14. AIR DRYER AND HEATED DRAIN VALVE, P. 13

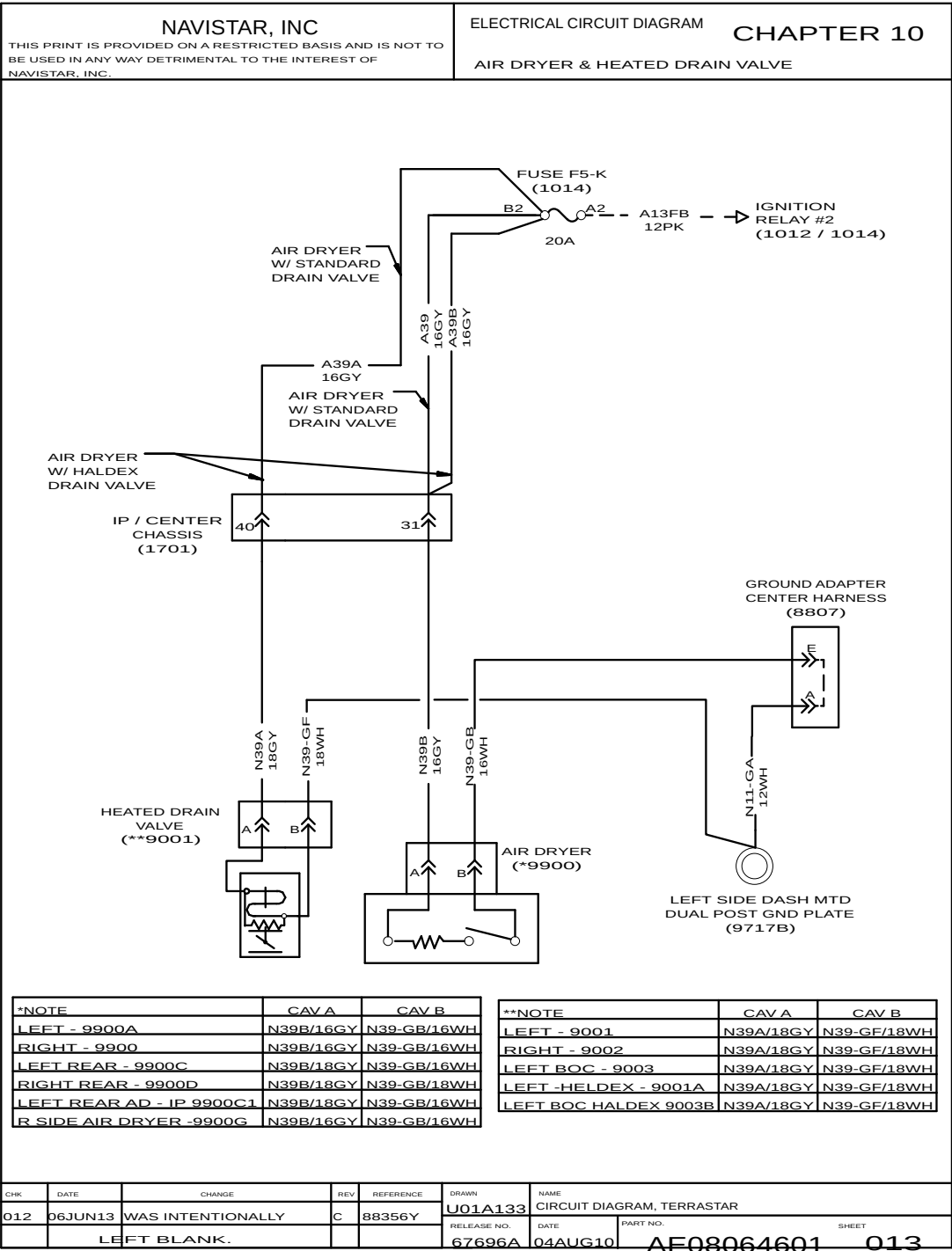


Figure 120 Air dryer and Heated Drain Valve

10.16. INTENTIONALLY LEFT BLANK, P. 15

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 10 AUX & POWER SOURCE			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	15OCT10	AE08064601
						SHEET	
						015	

Figure 122 Intentionally Left Blank

10.17. WHEELCHAIR LIFT INTERLOCK, P. 16

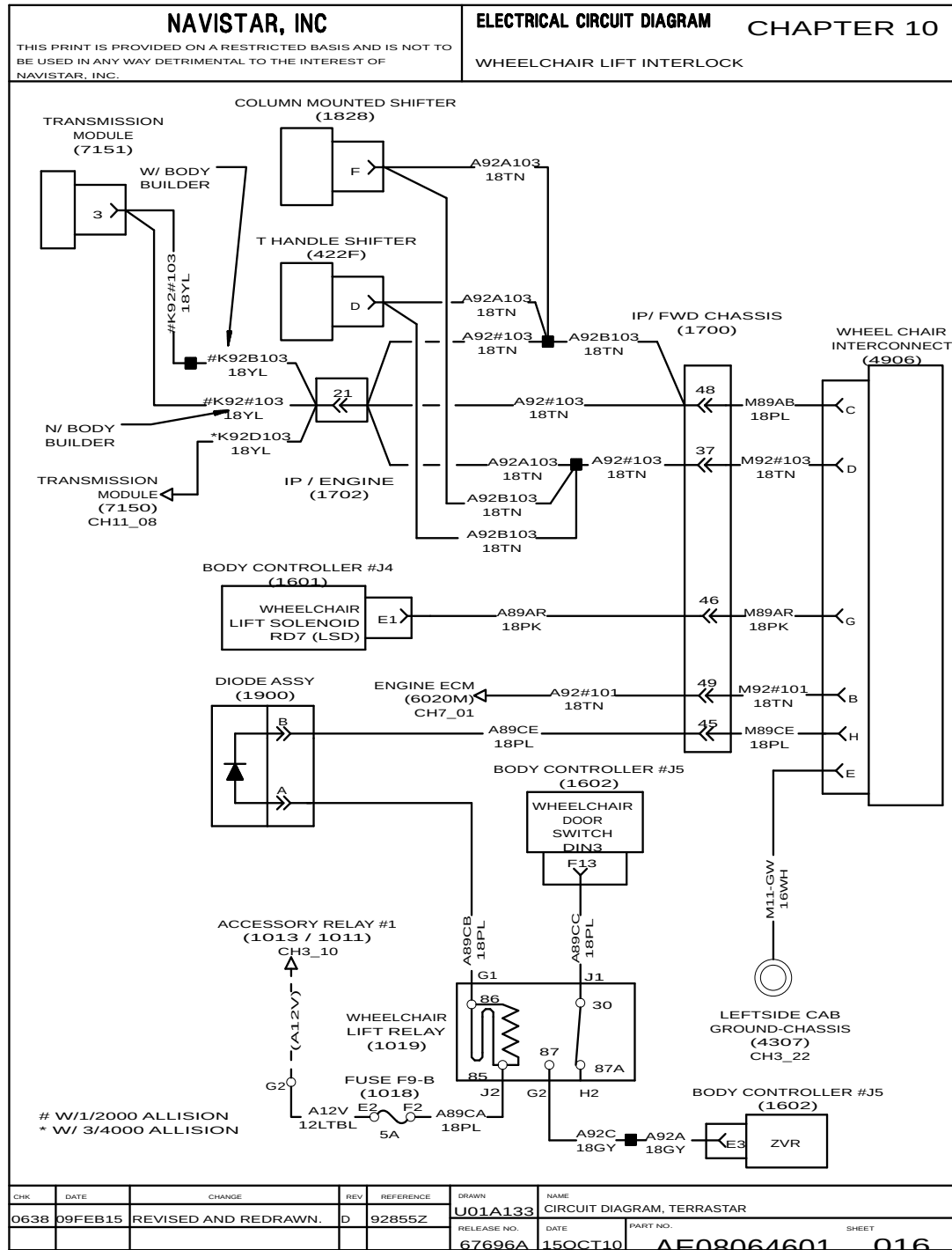


Figure 123 Wheelchair Lift Interlock

10.18. WHEELCHAIR LIFT INTERLOCK (CONT.), P. 16A

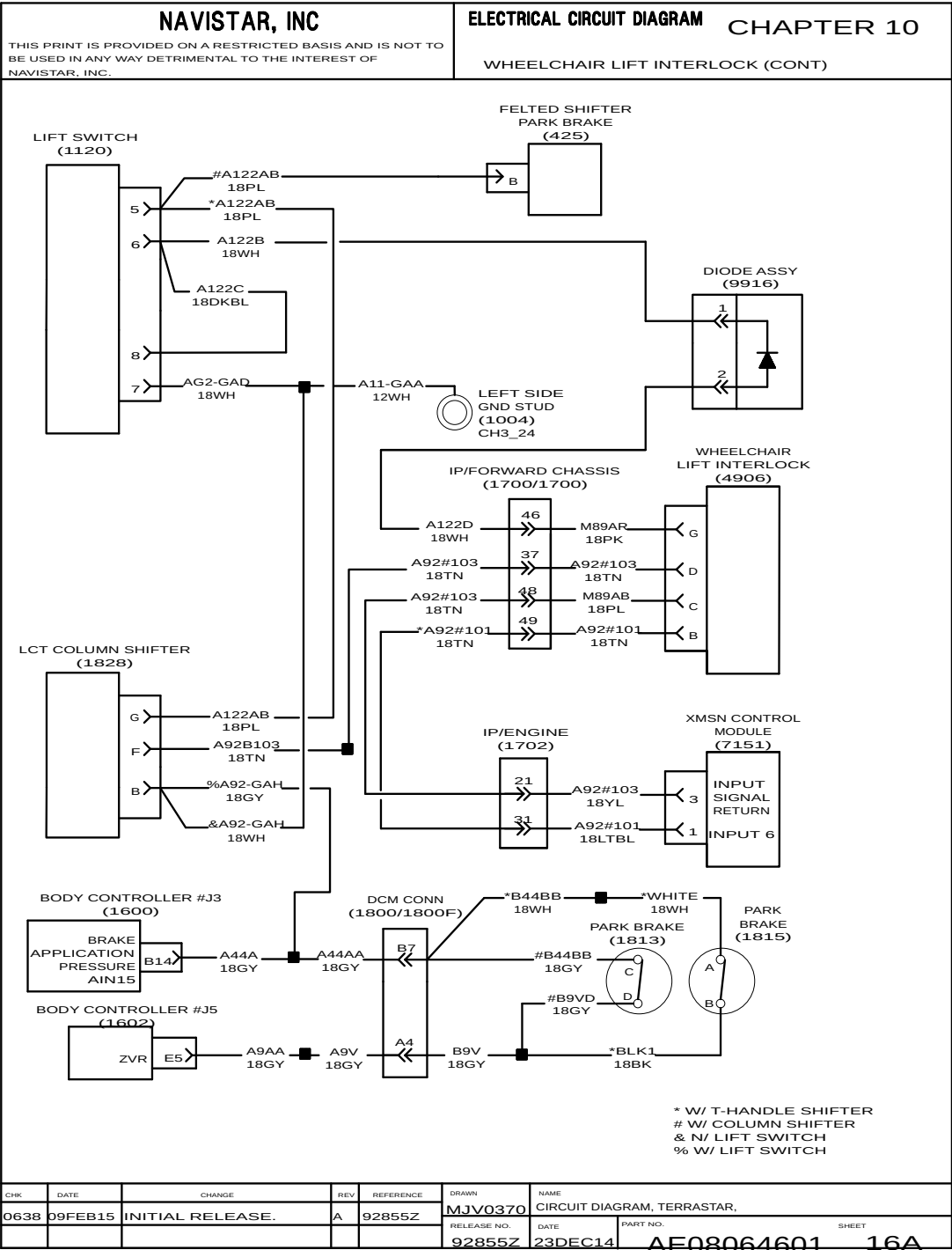


Figure 124 Wheelchair Lift Interlock (Cont.)

10.19. AUX INPUTS AND DRIVERS, P. 17

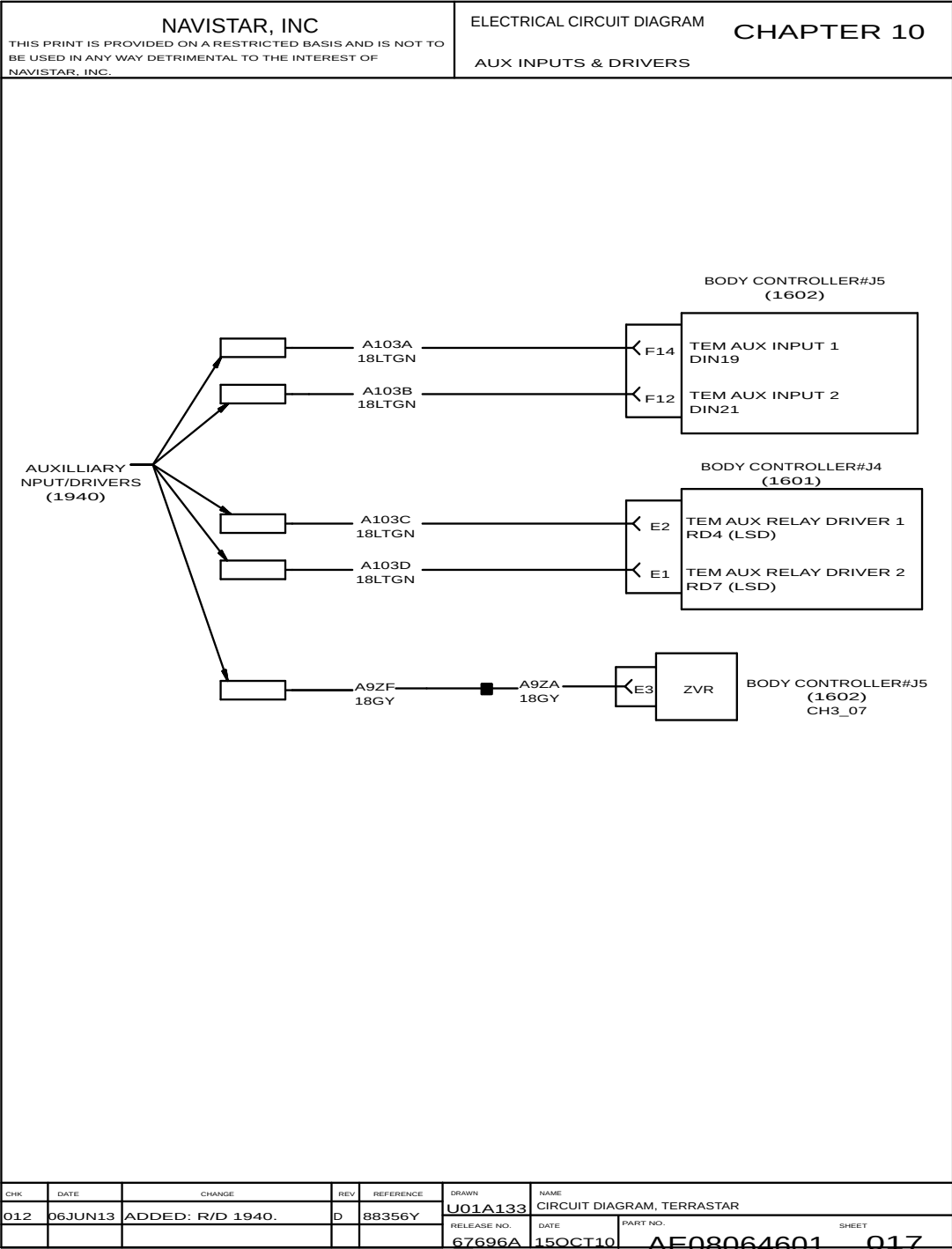


Figure 125 Aux Inputs and Drivers

10.20. AUX AND POWER SOURCE, P. 17A

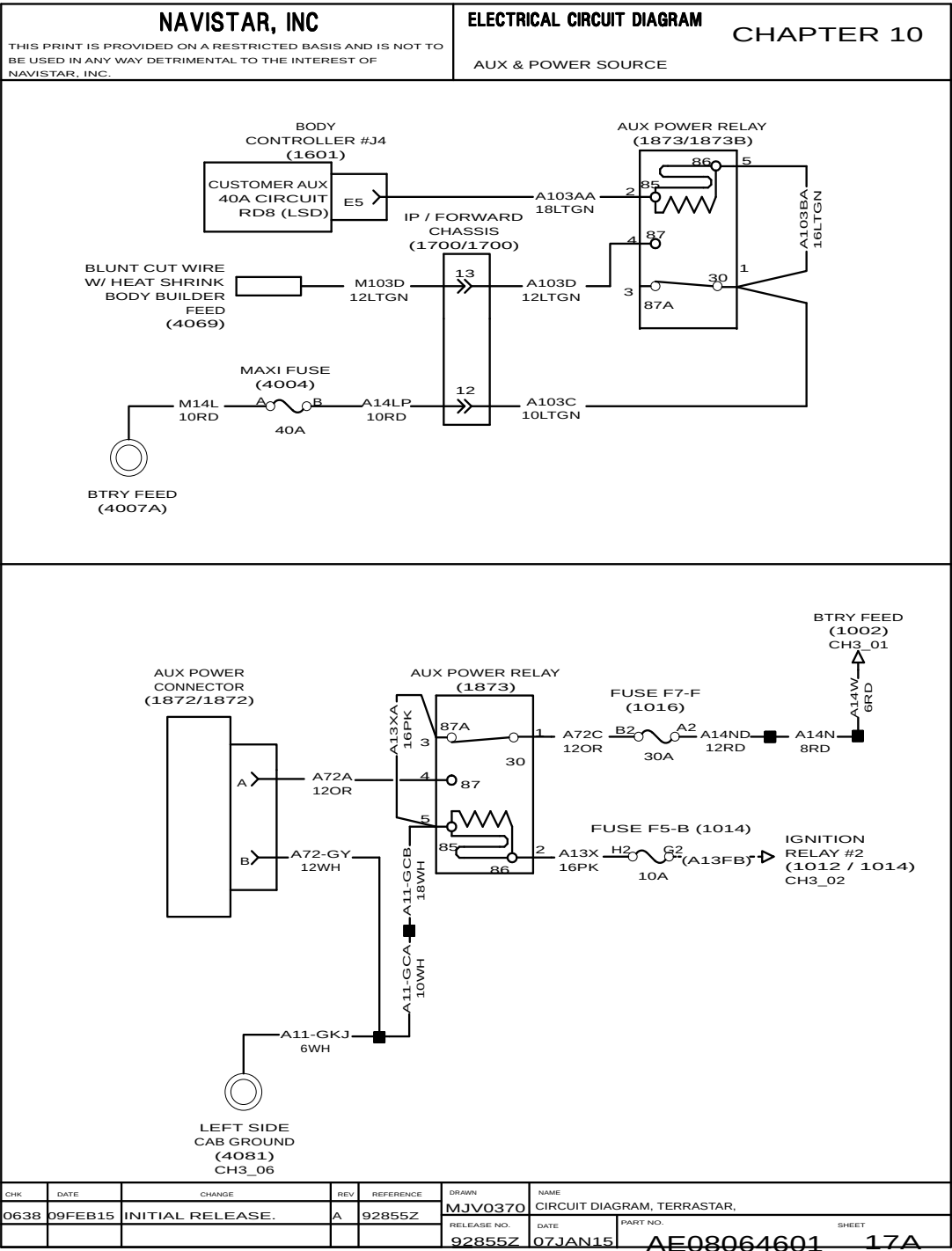


Figure 126 Aux and Power Source

10.21. INTENTIONALLY LEFT BLANK, P. 18

NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 10	
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	
0488	20MAY14	REMOVED GEOMETRY.	D	92447S	300474	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					61229V	07APR09	AE08064601
							SHEET
							018

Figure 127 Intentionally Left Blank

10.22. FUEL TRANSFER PUMP, P. 19

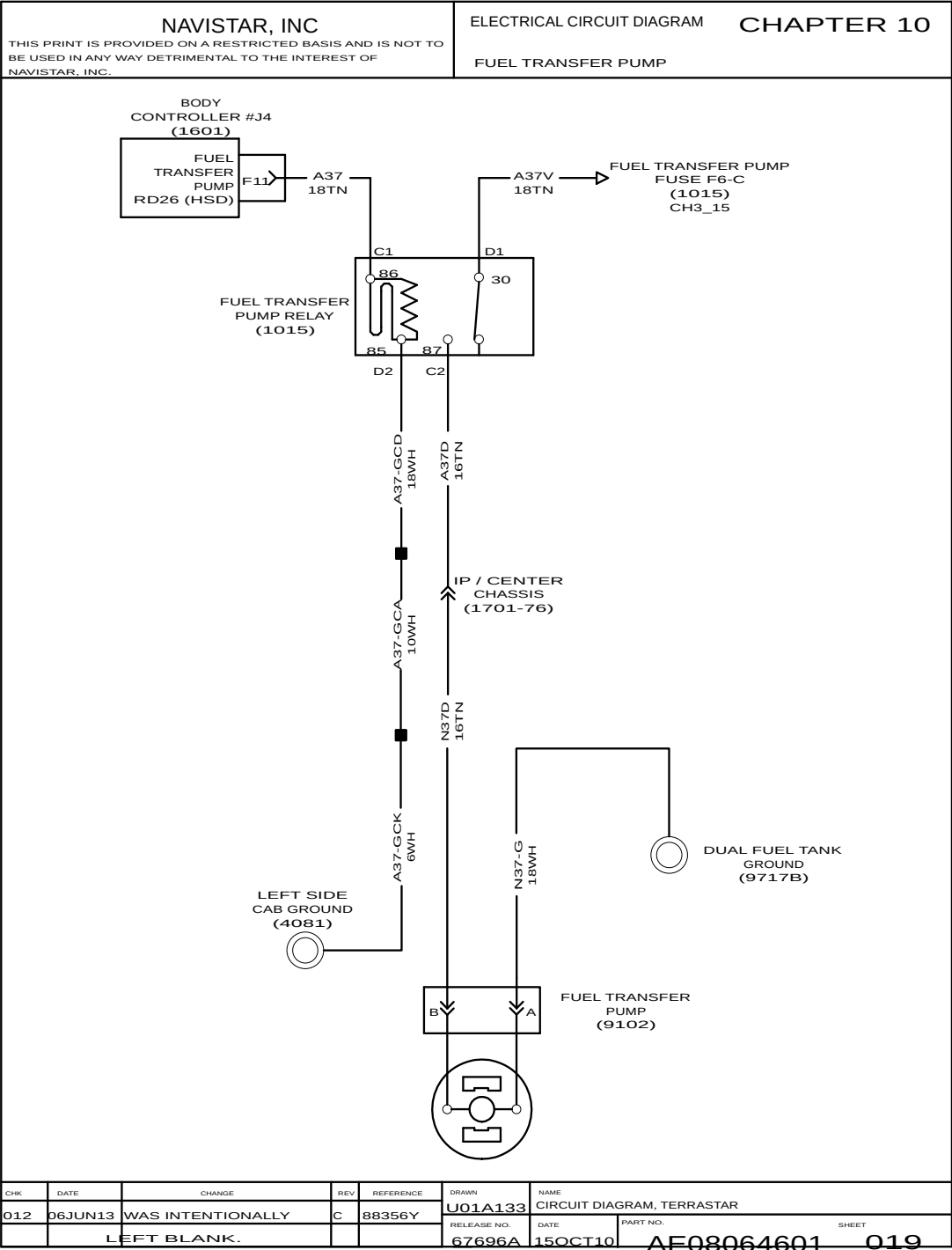


Figure 128 Fuel Transfer Pump

10.24. BODY BUILDER & TRAILER SOCKET – BOC & EOF, P. 21

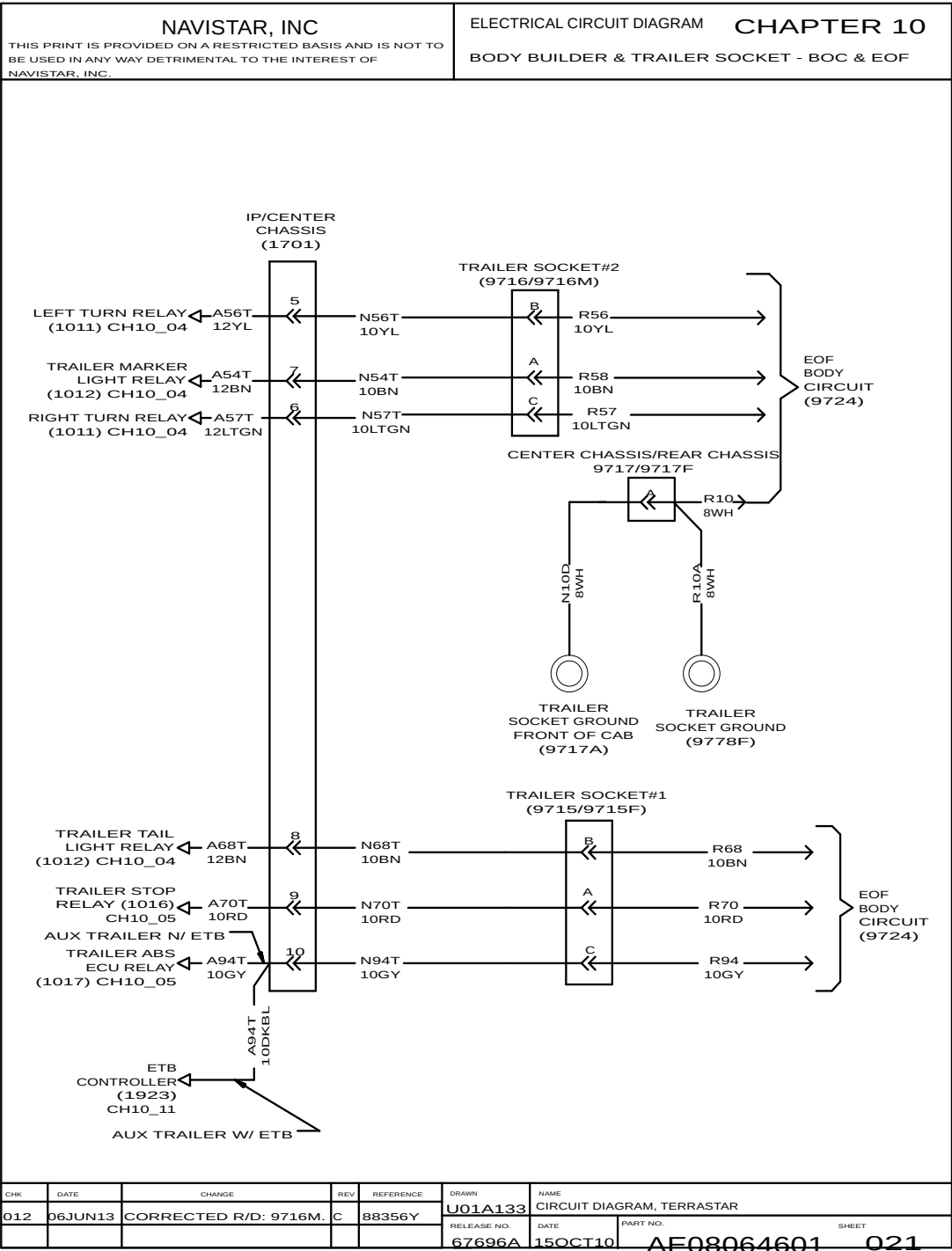


Figure 130 Body Builder & Trailer Socket – BOC & EOF

10.25. AUX TRAILER CIRCUIT, P. 22

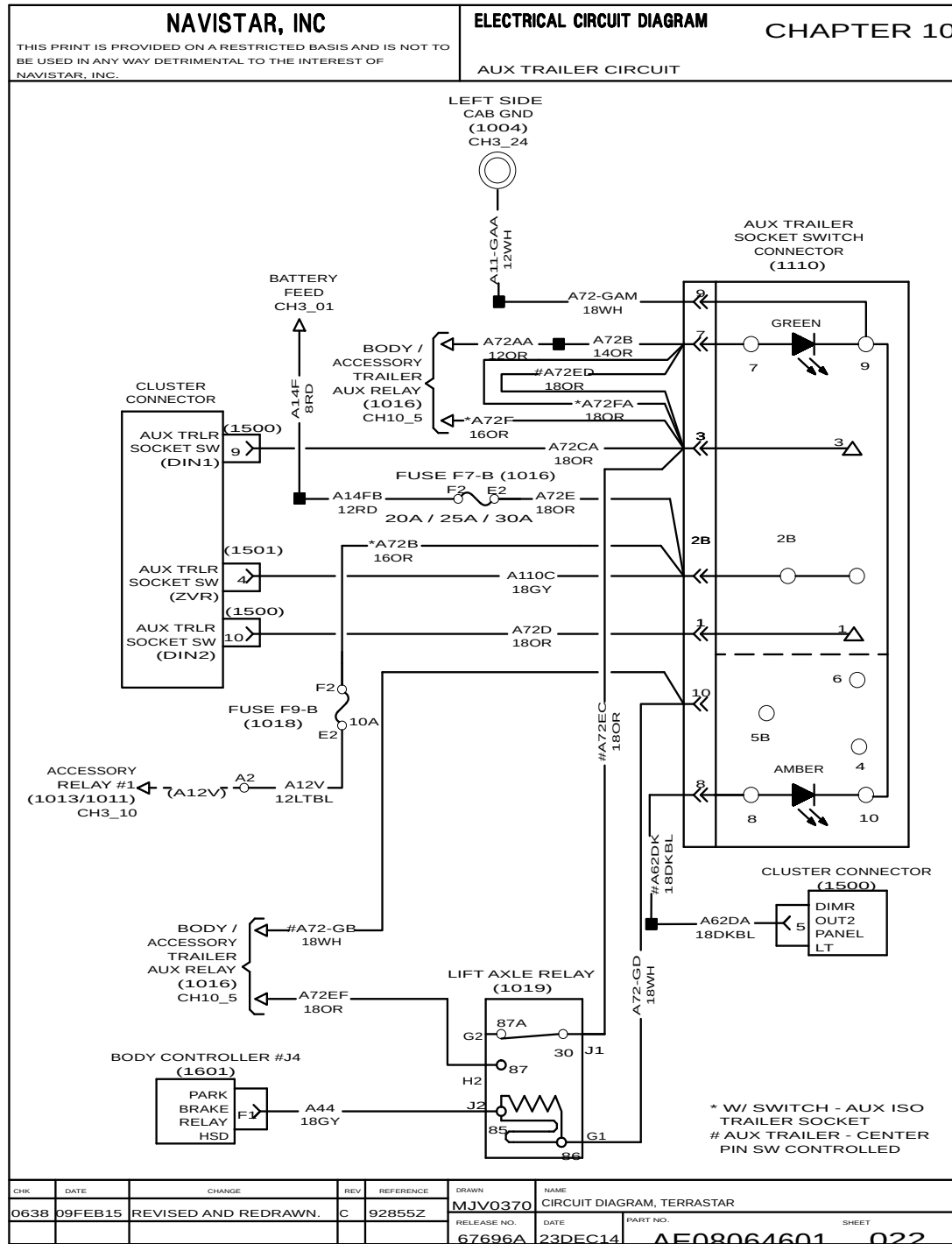


Figure 131 Aux Trailer Circuit

10.26. TRANSFER CASE, P. 23

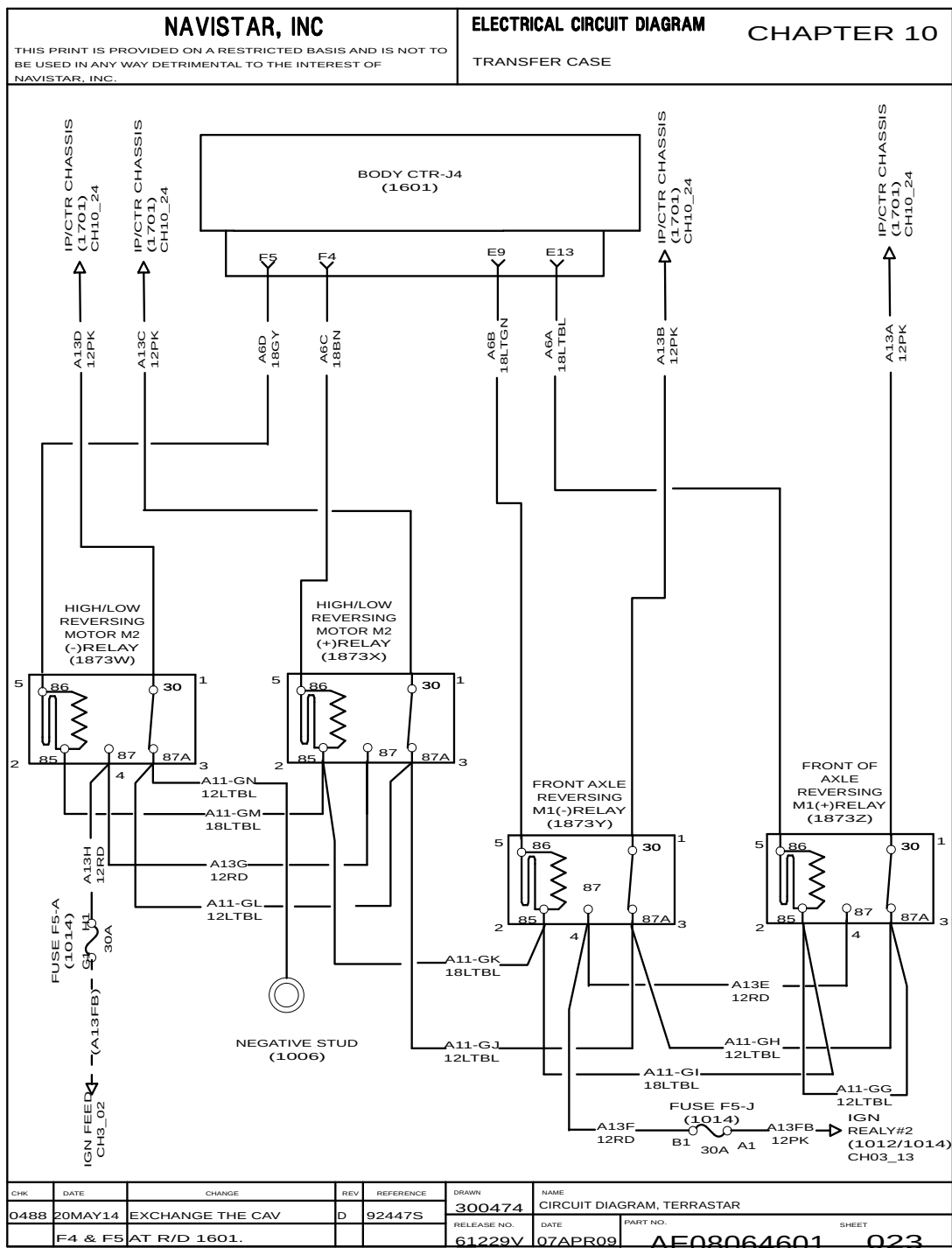


Figure 132 Transfer Case

10.27. TRANSFER CASE (CONT.), P. 24

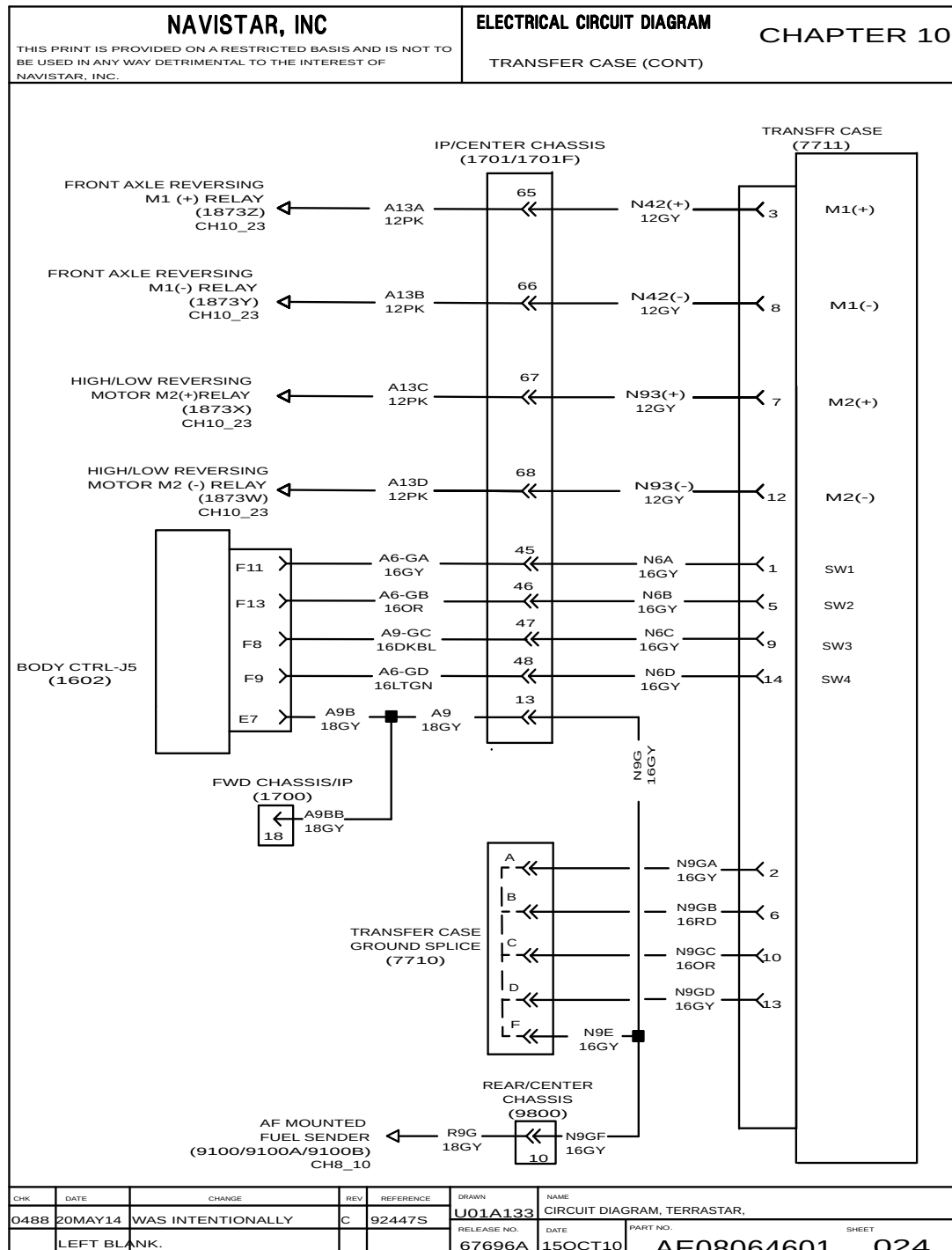


Figure 133 Transfer Case (Cont.)

10.28. INTENTIONALLY LEFT BLANK, P. 25

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, TERRASTAR CHAPTER 10 LIFT AXLE (STEERABLE)			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	15OCT10	AE08064601
						SHEET	
						025	

Figure 134 Intentionally Left Blank

10.29. INTENTIONALLY LEFT BLANK, P. 26

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 10			
				POWER SOURCE, CUSTOMER INSTALLED LIFT GATE			
INTENTIONALLY LEFT BLANK							
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
CNA1	25MAR11	REMOVED GEOMETRY.	B	76076F	U01A133	CIRCUIT DIAGRAM, TERRASTAR	
					RELEASE NO.	DATE	PART NO.
					67696A	15OCT10	AE08064601
						SHEET	
						026	

Figure 135 Intentionally Left Blank

10.30. AIR HORN, P. 27

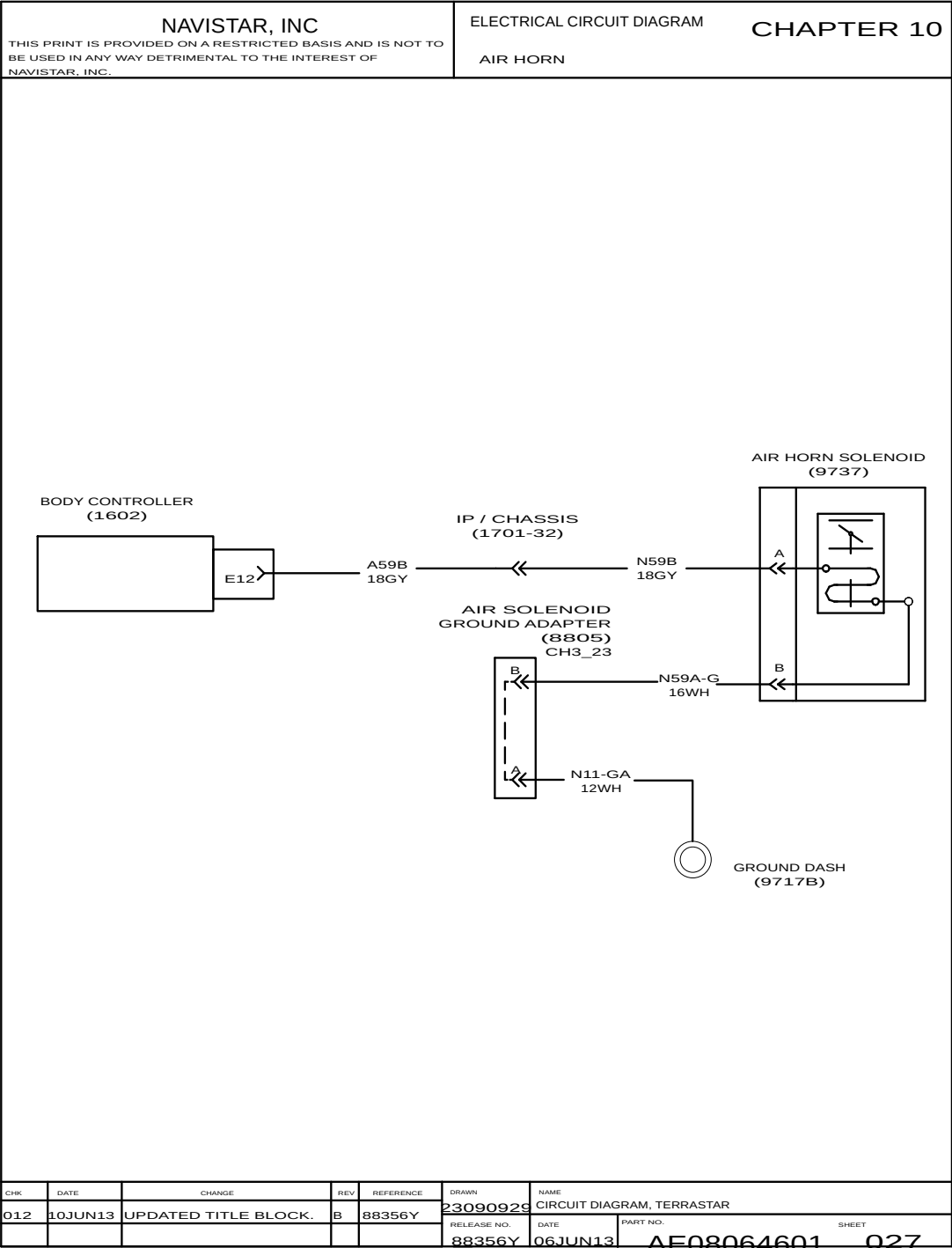


Figure 136 Air Horn

10.31. AIR SOLENOID 4-PACK, P. 28

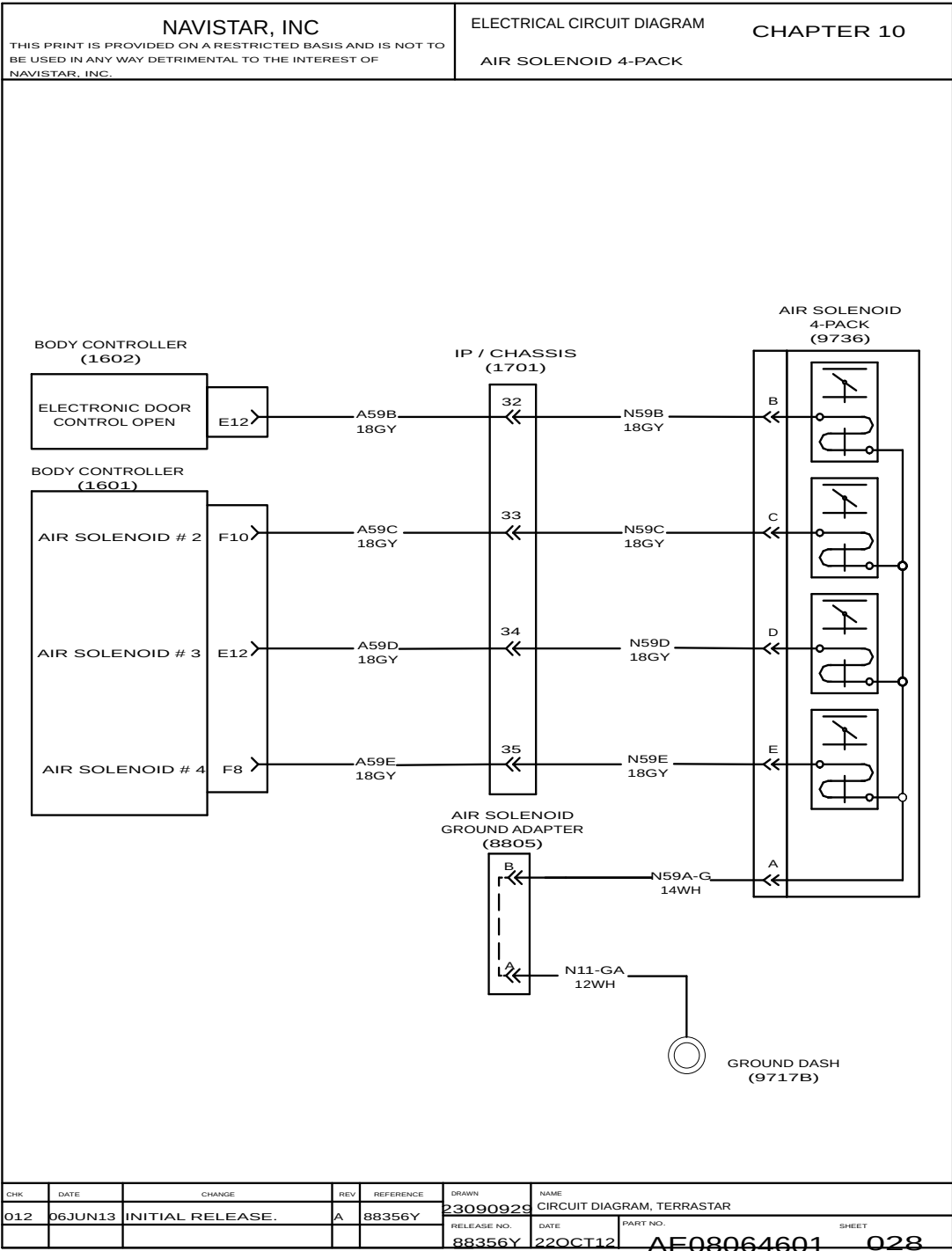


Figure 137 Air Solenoid 4-Pack

10.32. AIR SOLENOID 8-PACK, P. 29

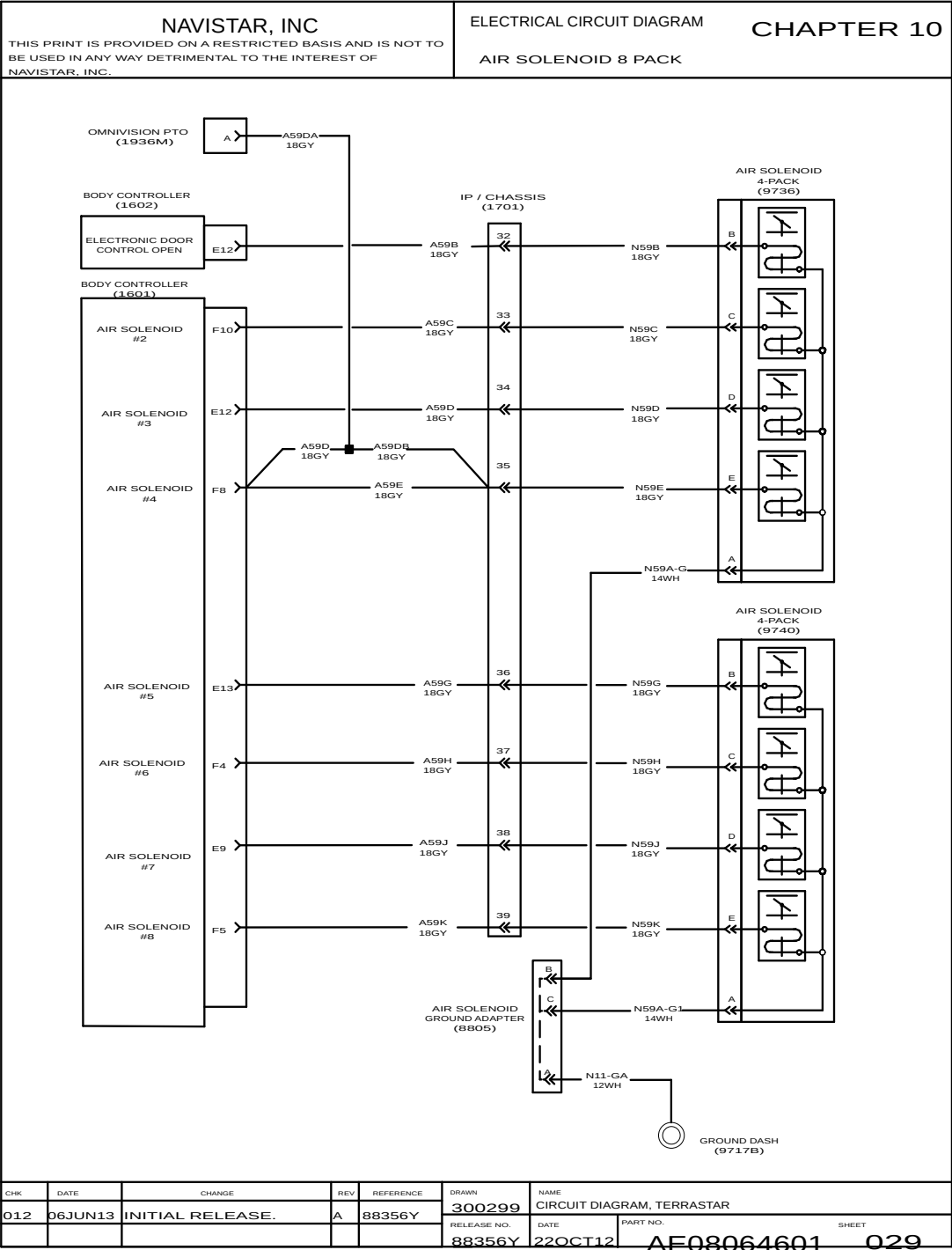


Figure 138 Air Solenoid 8-Pack

TRANSMISSION (CHAPTER 11)

11.1. ALLISON GEN 4 1/2000 TRANSMISSION, P. 1

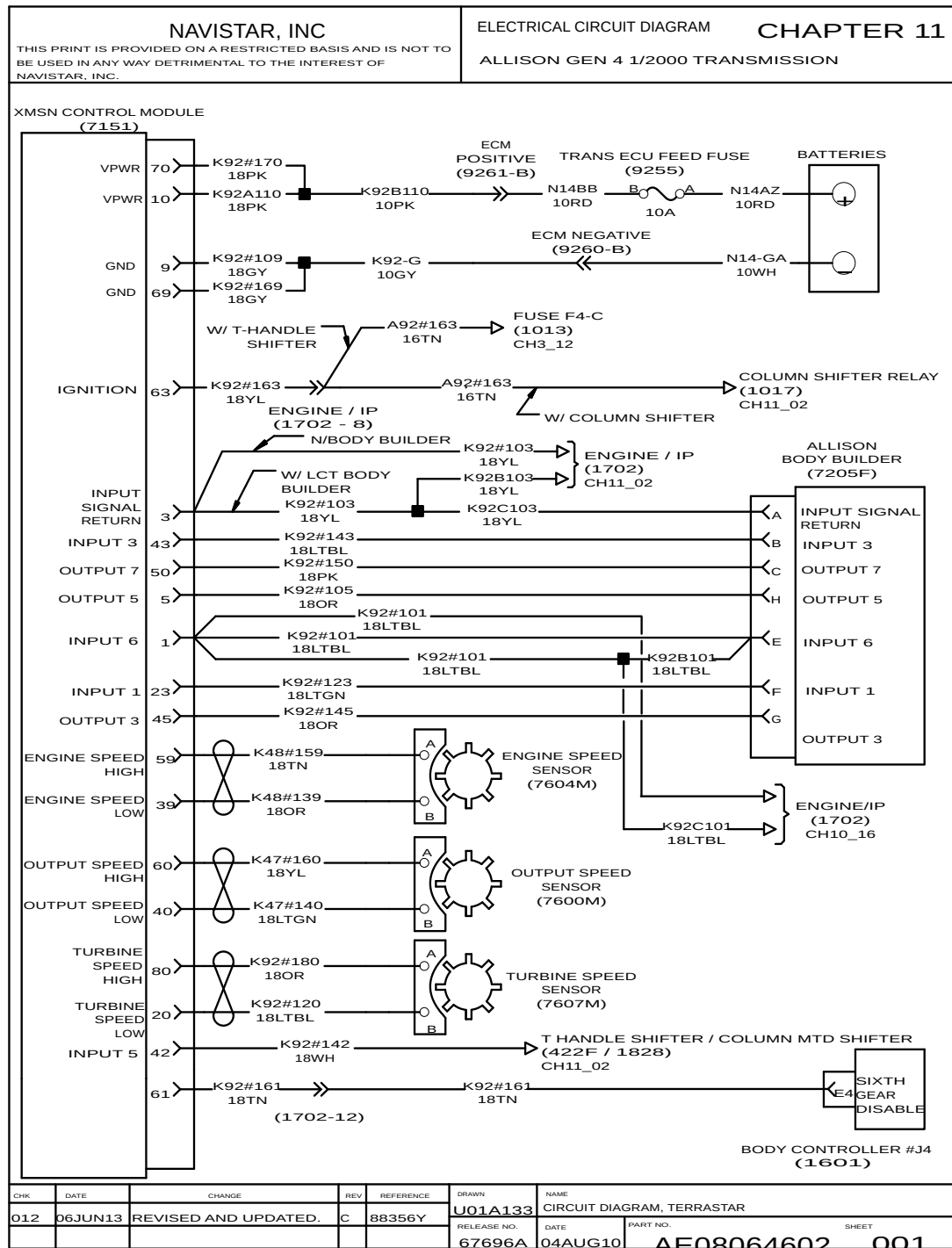


Figure 139 Allison Gen 4 1/2000 Transmission

11.2. ALLISON GEN 4 1/2000 TRANSMISSION (CONT.), P. 2

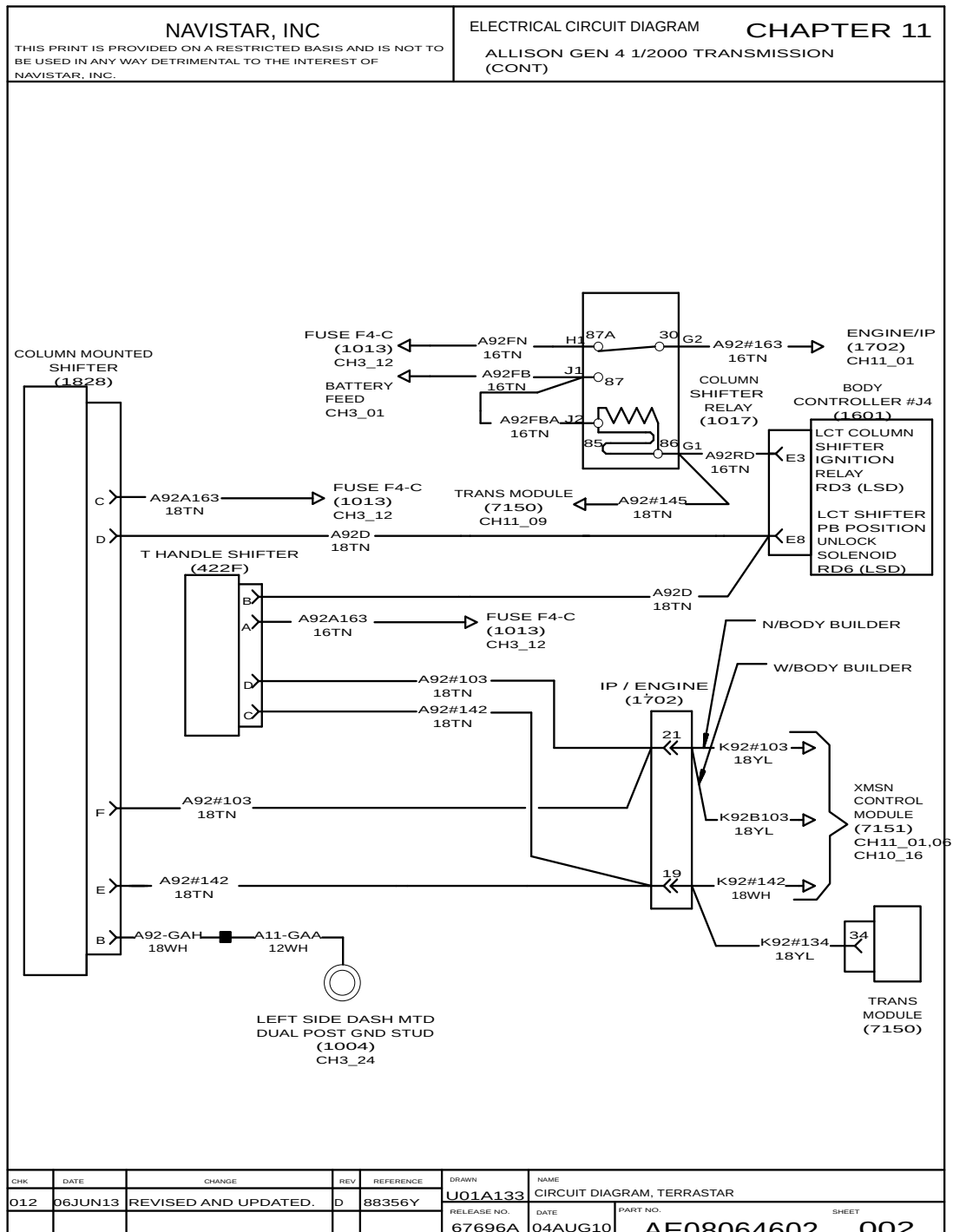


Figure 140 Allison Gen 4 1/2000 Transmission (Cont.)

11.3. ALLISON GEN 1/2000 TRANSMISSION, P. 3

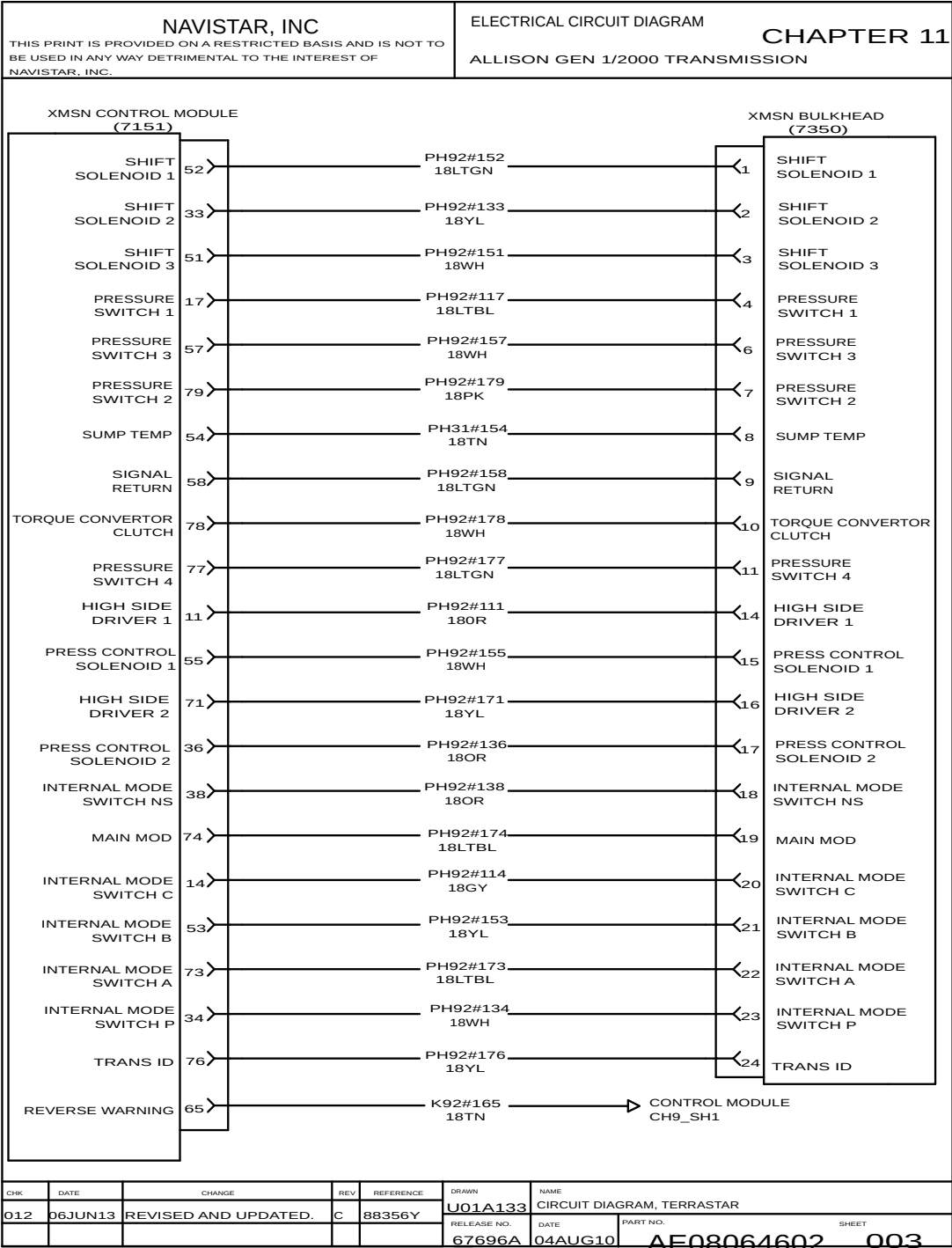


Figure 141 Allison Gen 1/2000 Transmission

11.4. TRANSMISSION ALLISON MD (WTEC), P. 4

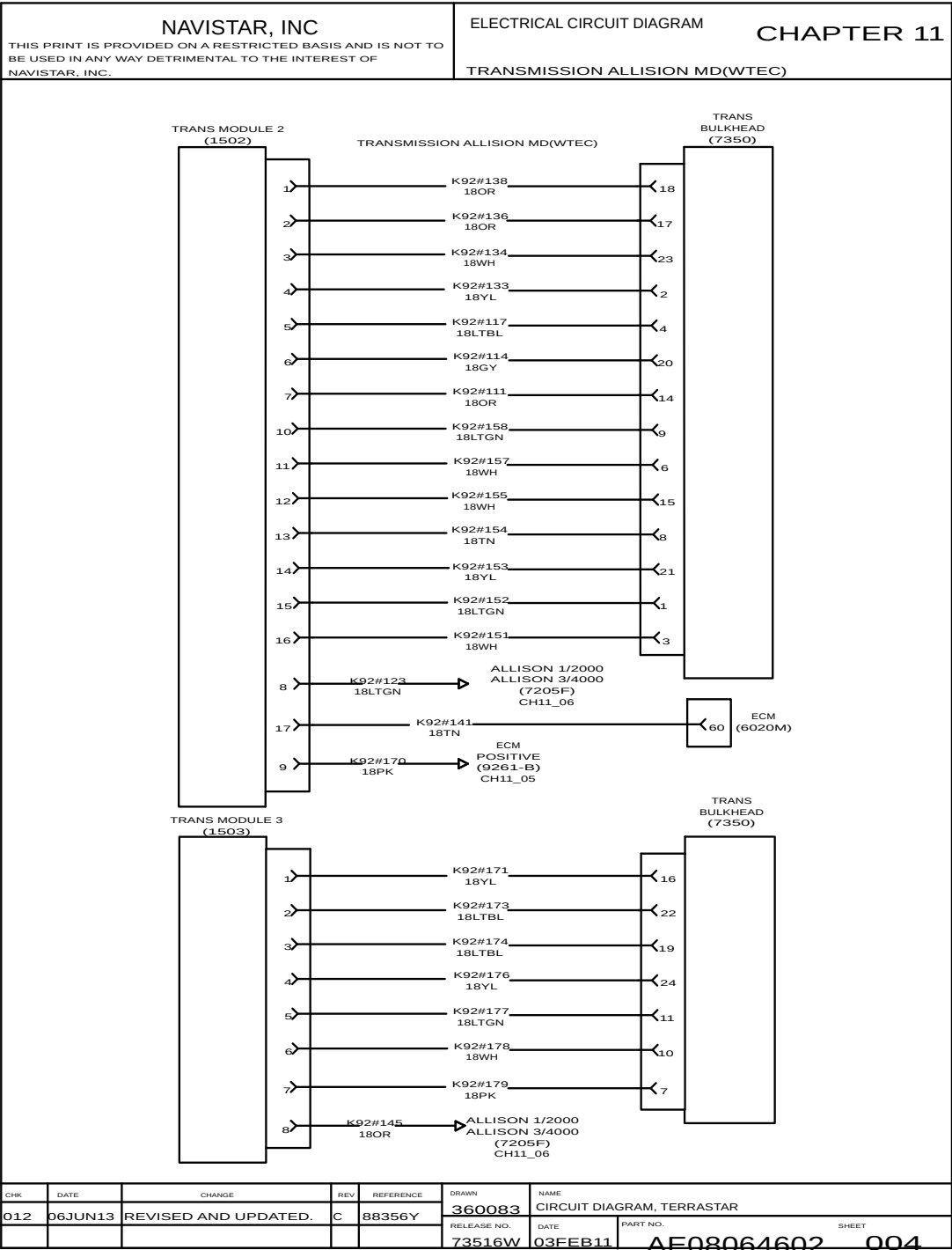


Figure 142 Transmission Allison MD (WTEC)

11.5. ALLISON TRANSMISSION 1/2000 WITH IN-CAB TCM, P. 5

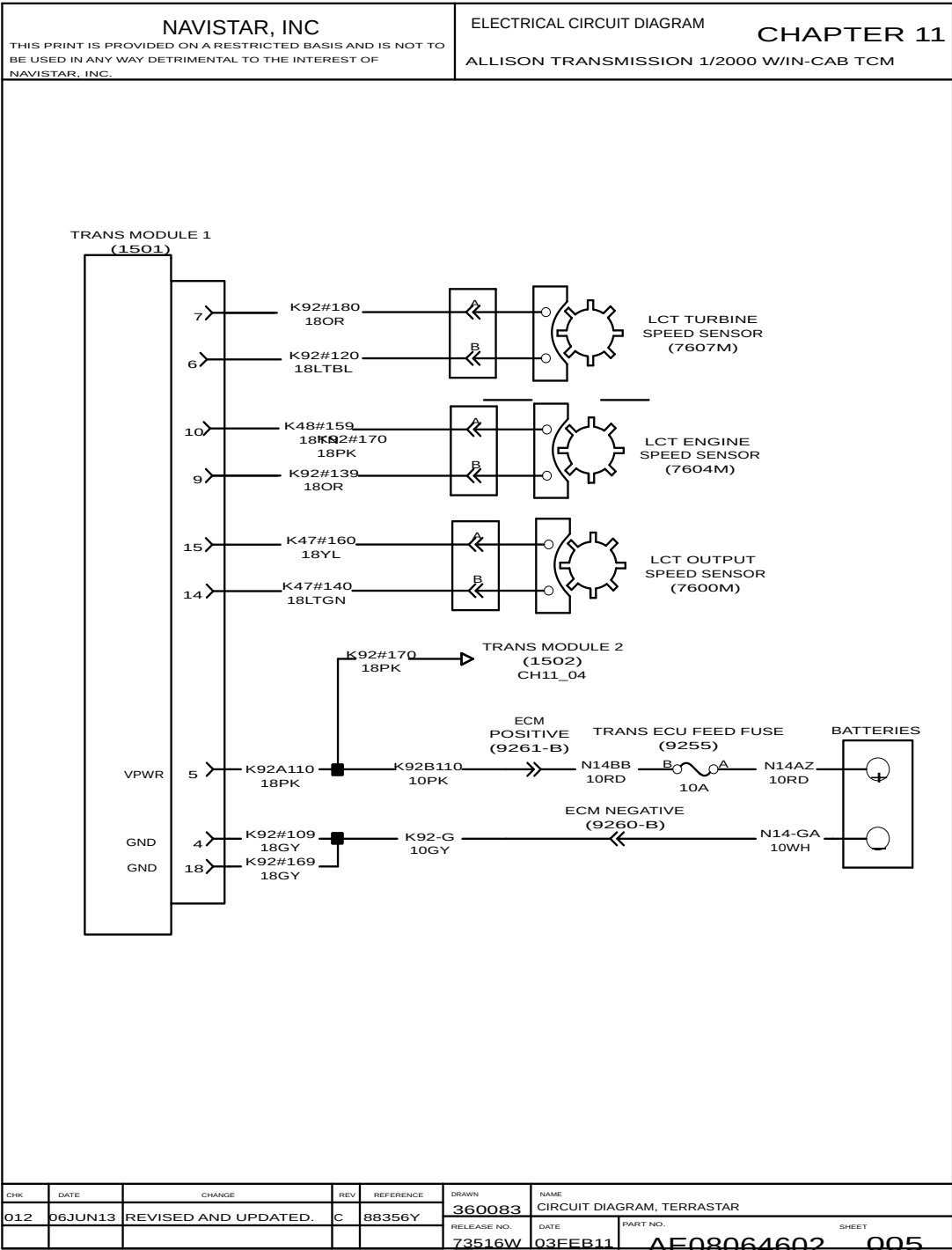


Figure 143 Allison Transmission 1/2000 with In-Cab TCM

11.6. SHIFTER INTERLOCK EFFECTS, P. 6

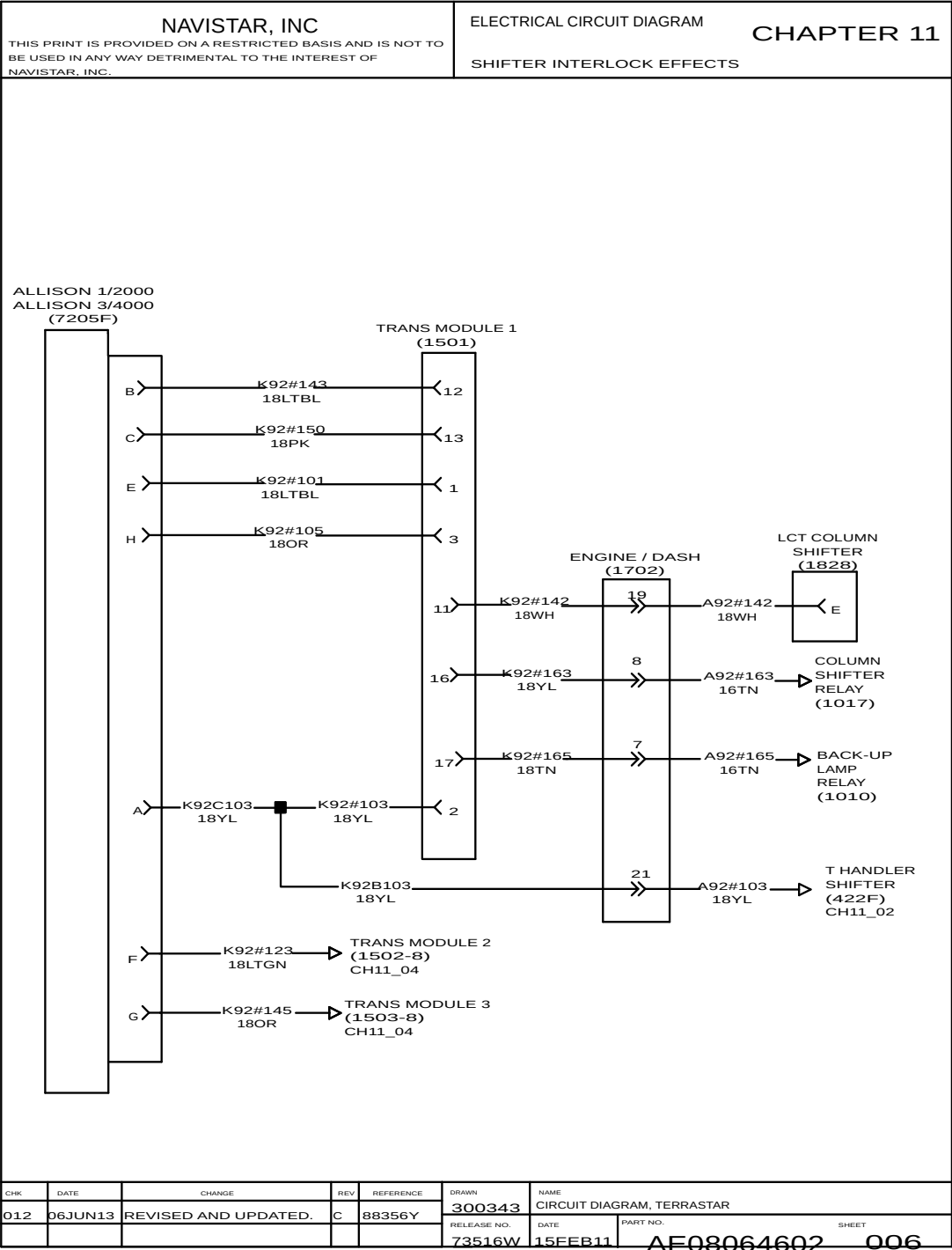


Figure 144 Shifter Interlock Effects

11.8. ALLISON WTEC TRANSMISSION GEN 8, P. 8

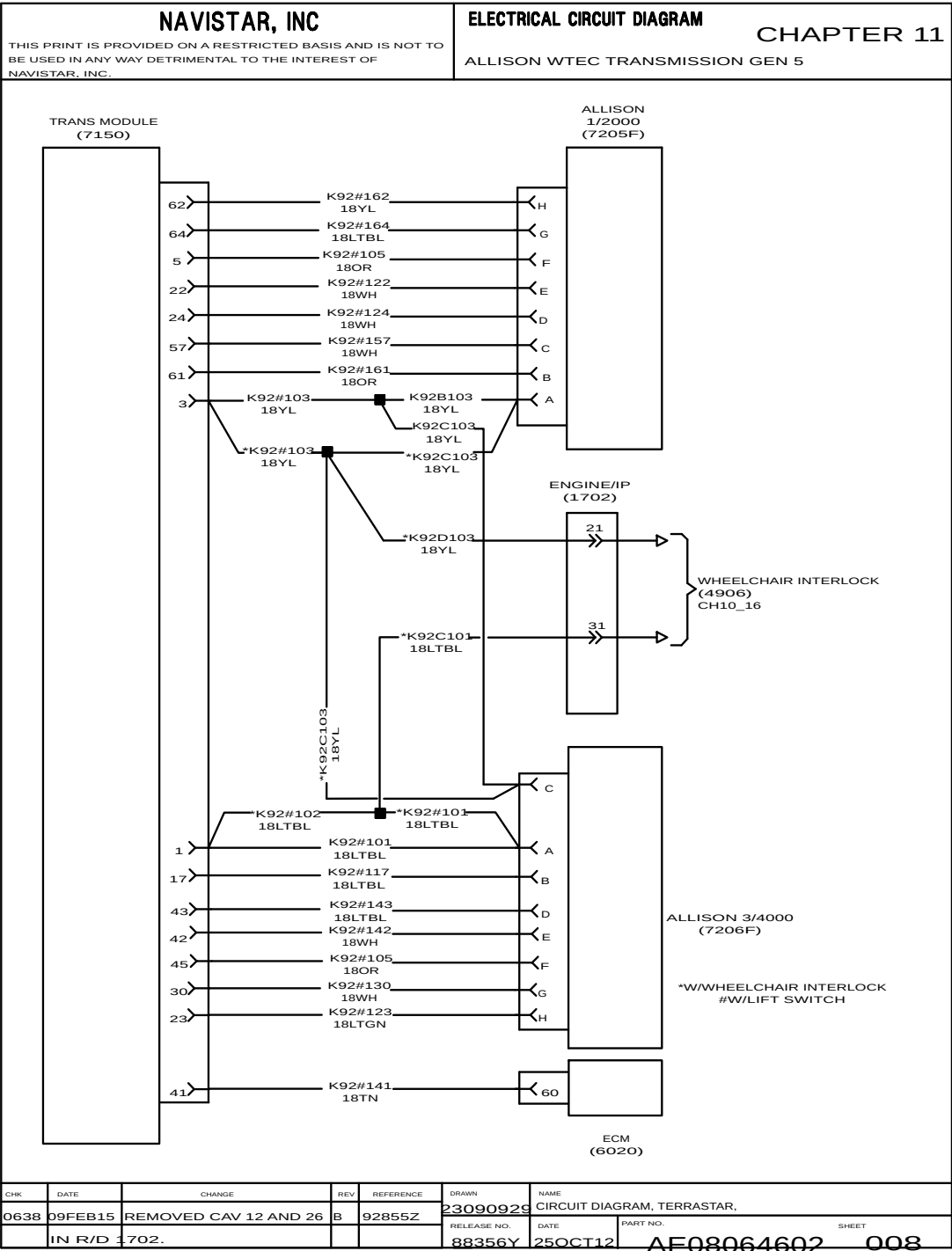


Figure 146 Allison WTEC Transmission Gen 8

11.9. WTEC GEN 4 TRANSMISSION, P. 9

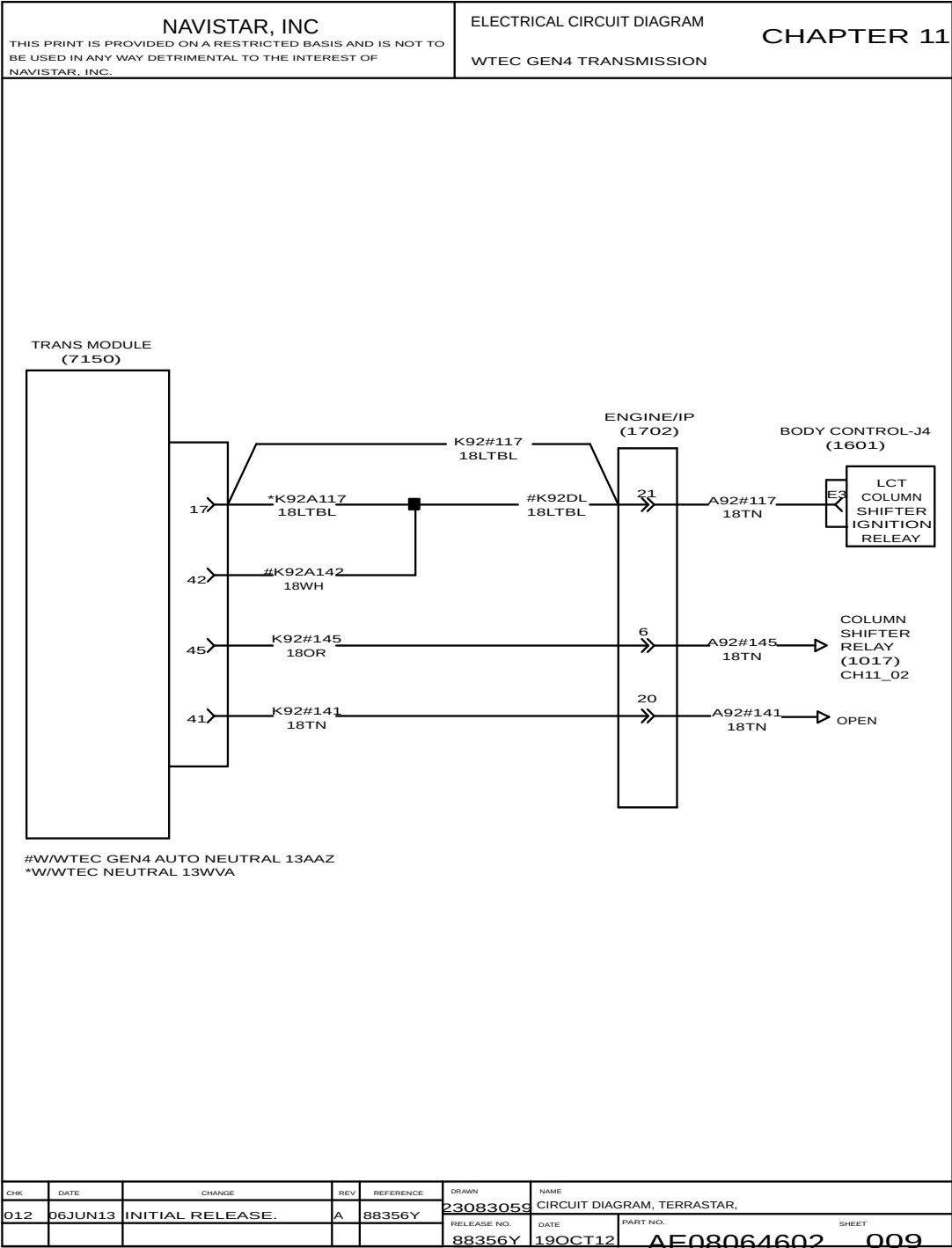


Figure 147 WTEC GEN 4 Transmission

11.10. WTEC GEN 4 TRANSMISSION (CONT.), P. 10

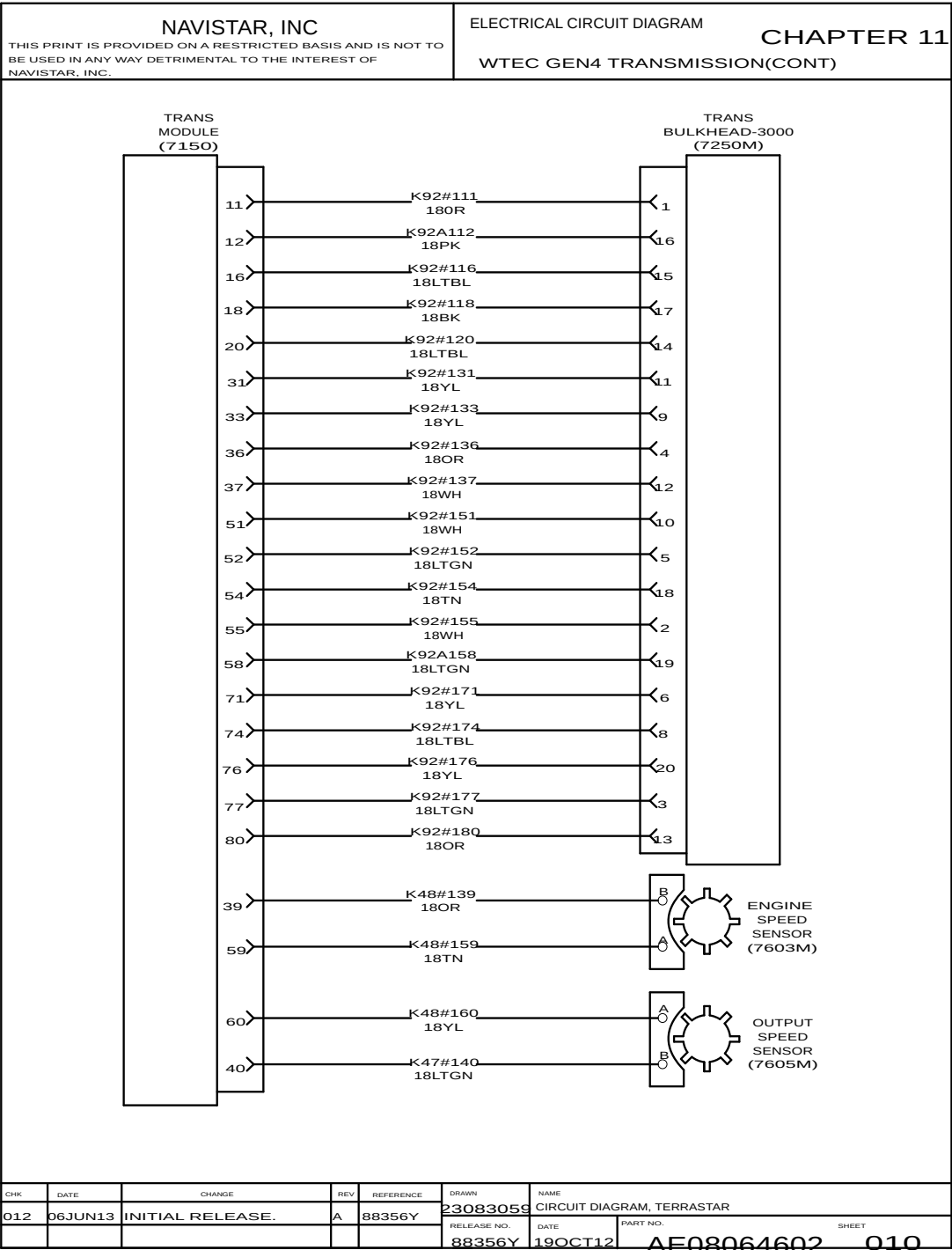


Figure 148 WTEC GEN 4 Transmission (Cont.)

11.11. TRANSMISSION RETARDER CONTROLS WIRING WITH MD TRANSMISSION HARD WIRED EFFECTS, P. 11

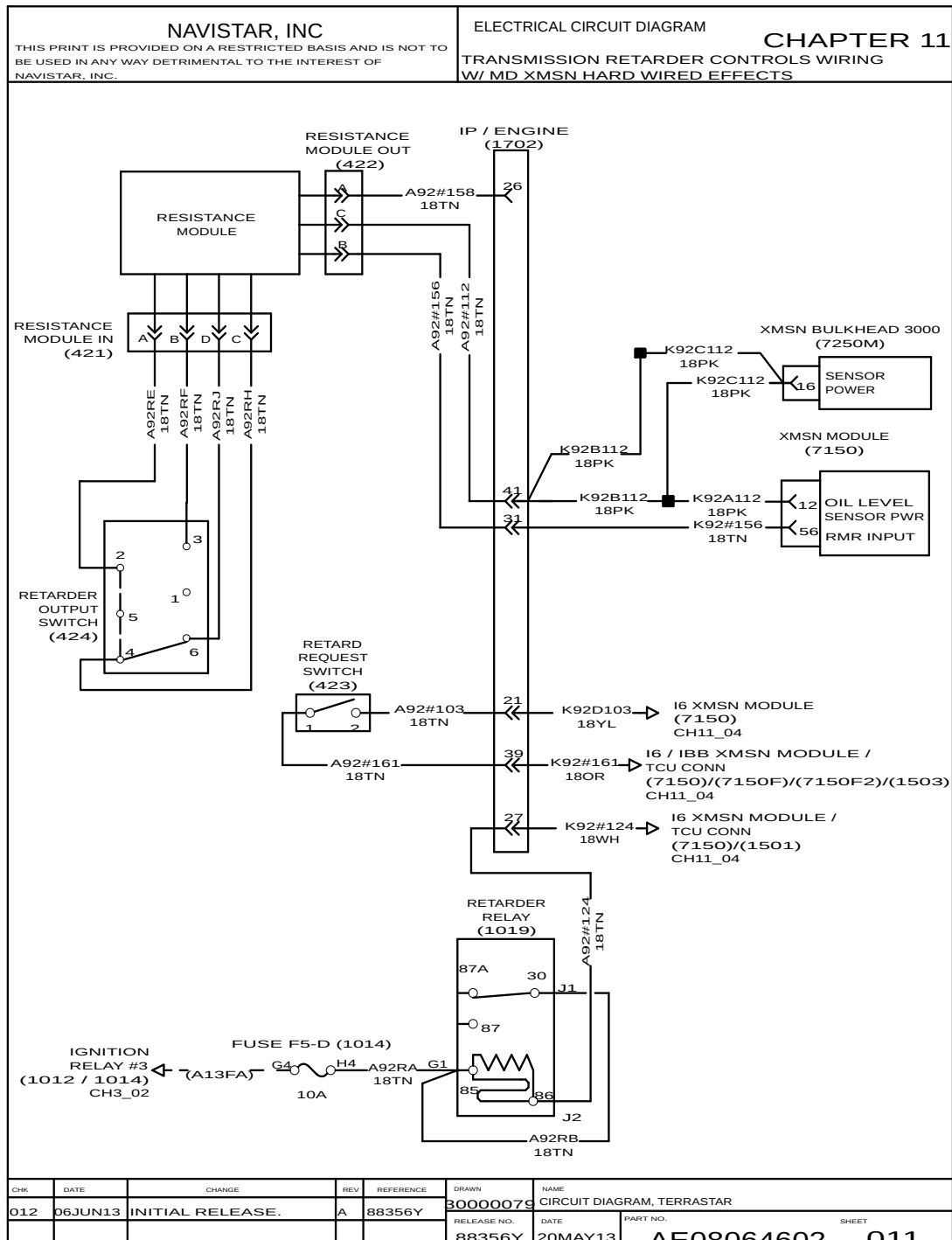


Figure 149 Transmission Retarder Controls Wiring with MD Transmission Hard Wired Effects

AIR CONDITIONING (CHAPTER 12)

12.1. HVAC SYSTEM, P. 1

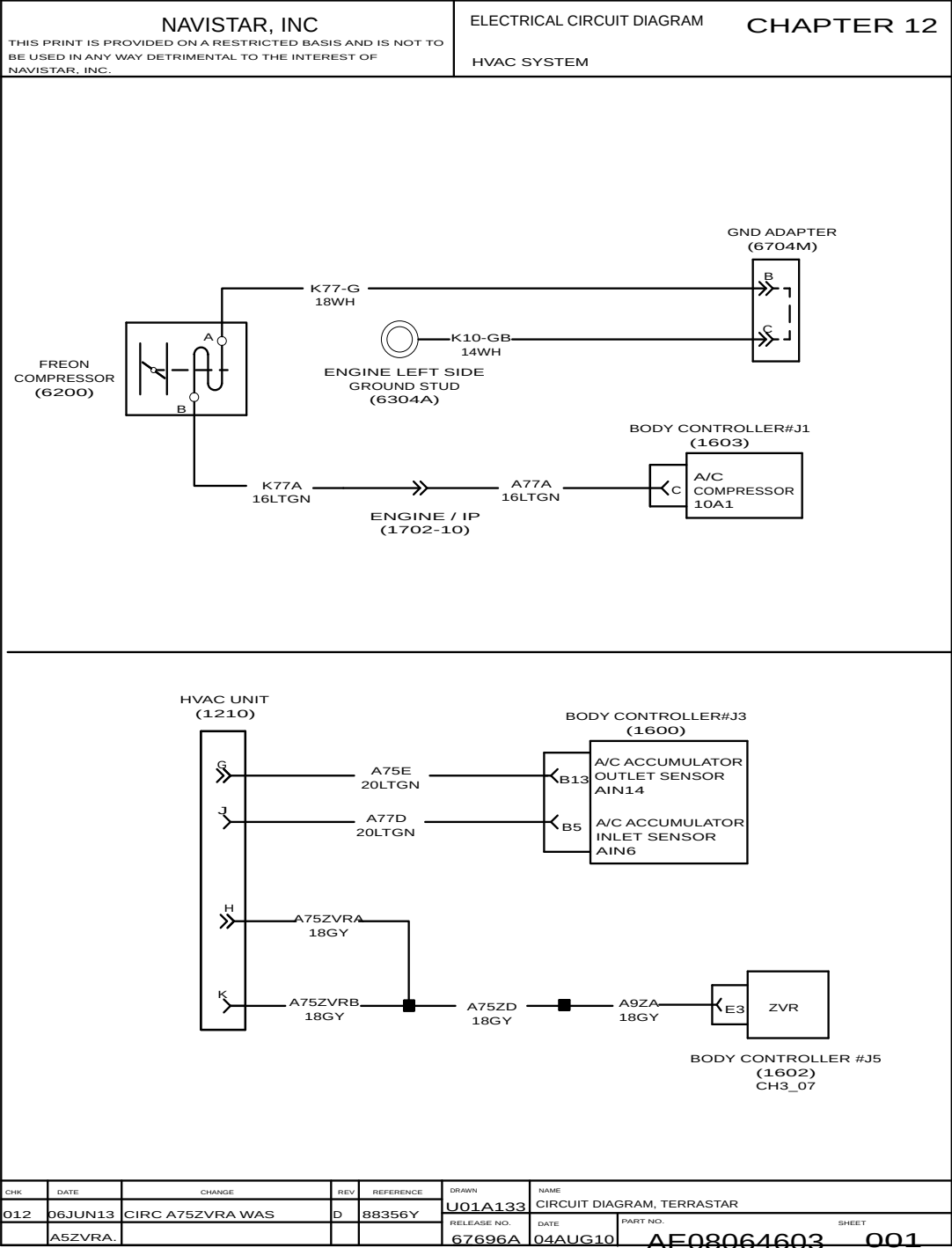


Figure 150 HVAC System

12.2. HVAC SYSTEM (CONT.), P. 2

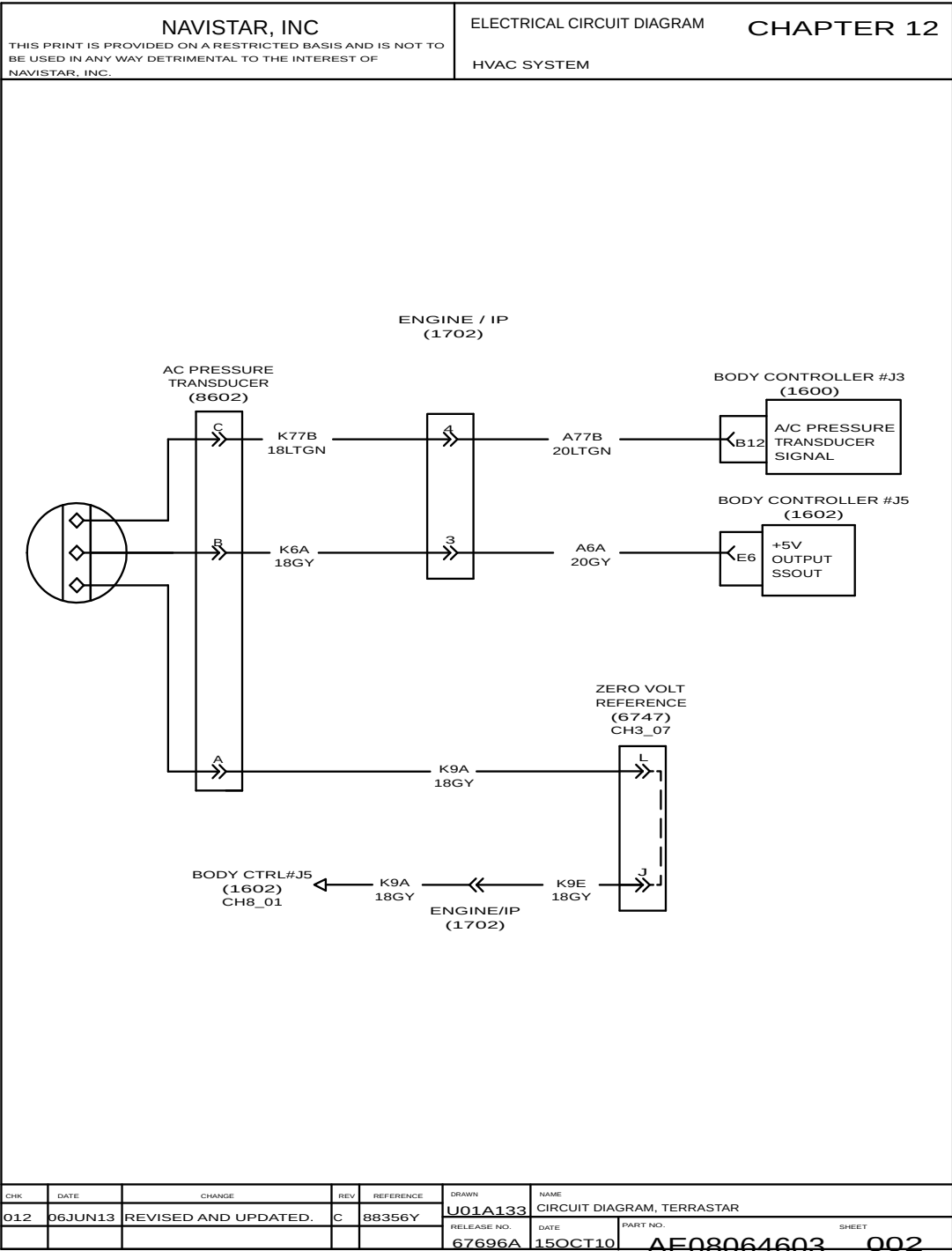


Figure 151 HVAC System

12.3. AIR CONDITIONING, P. 3

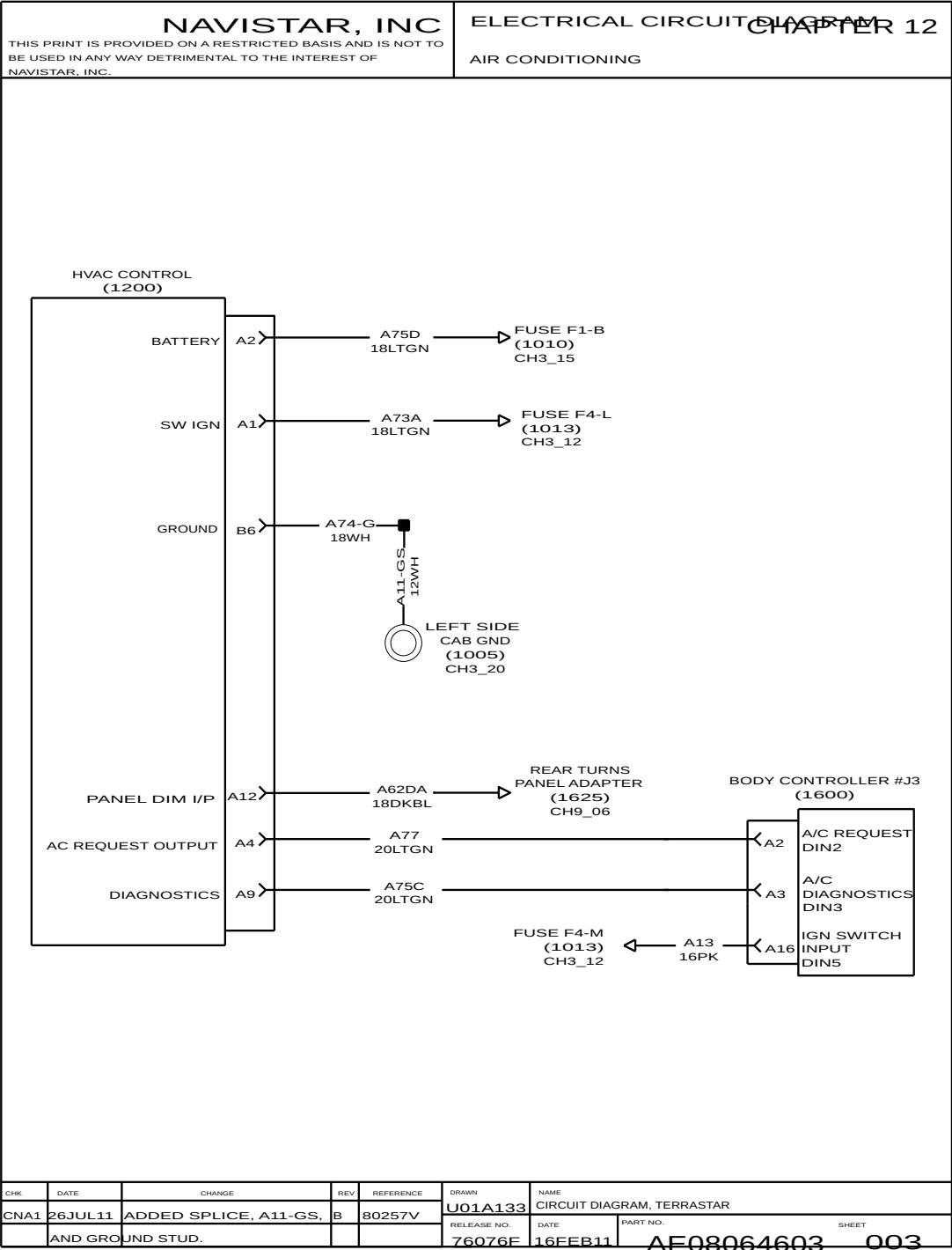


Figure 152 Air Conditioning

12.4. AIR CONDITIONING (CONT.), P. 4

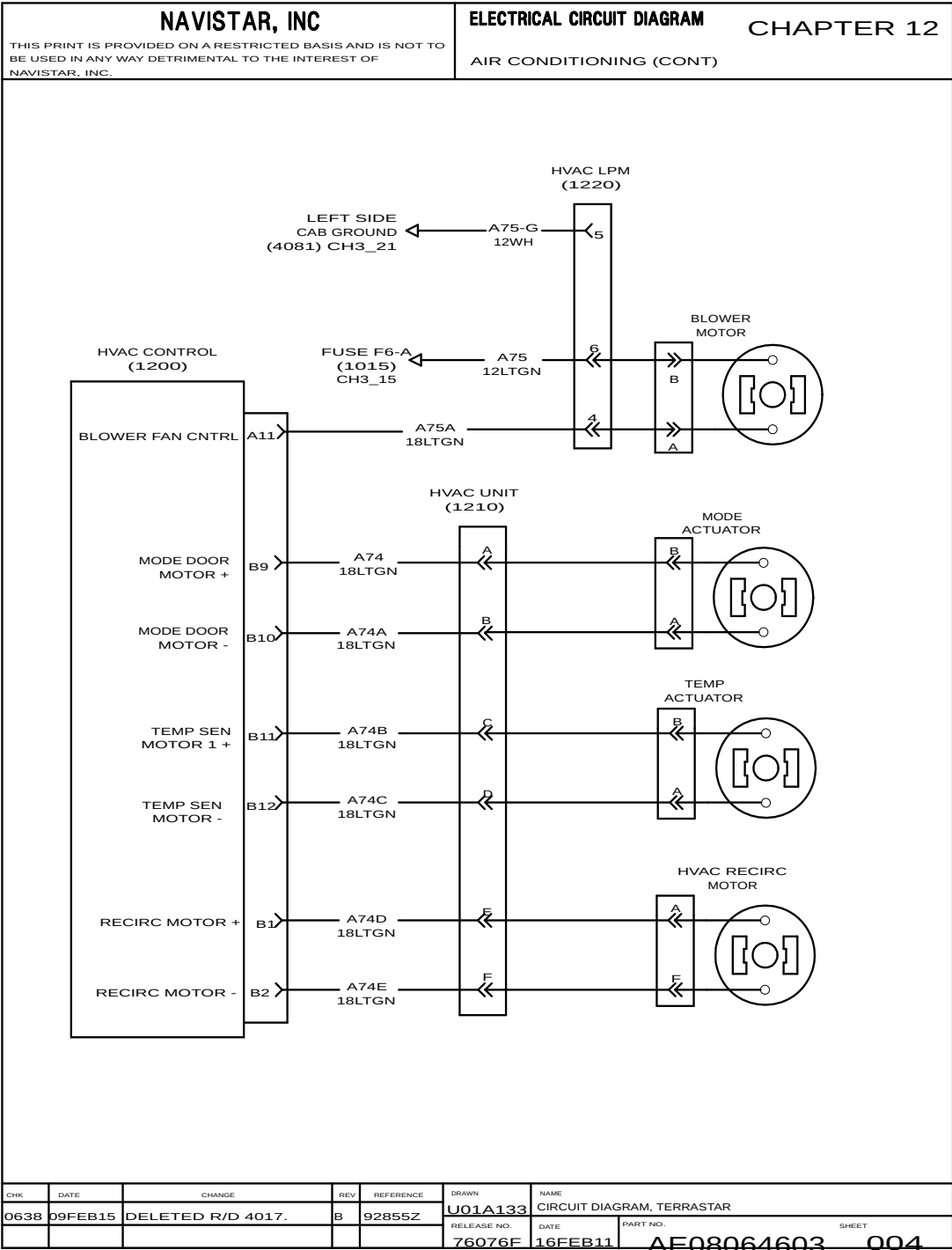


Figure 153 Air Conditioning (Cont.)

CONNECTOR BODY COMPOSITES (CHAPTER 13)

13.1. CONNECTOR BODY COMPOSITES (71 / 72 / 254F / 254M / 400), P. 1

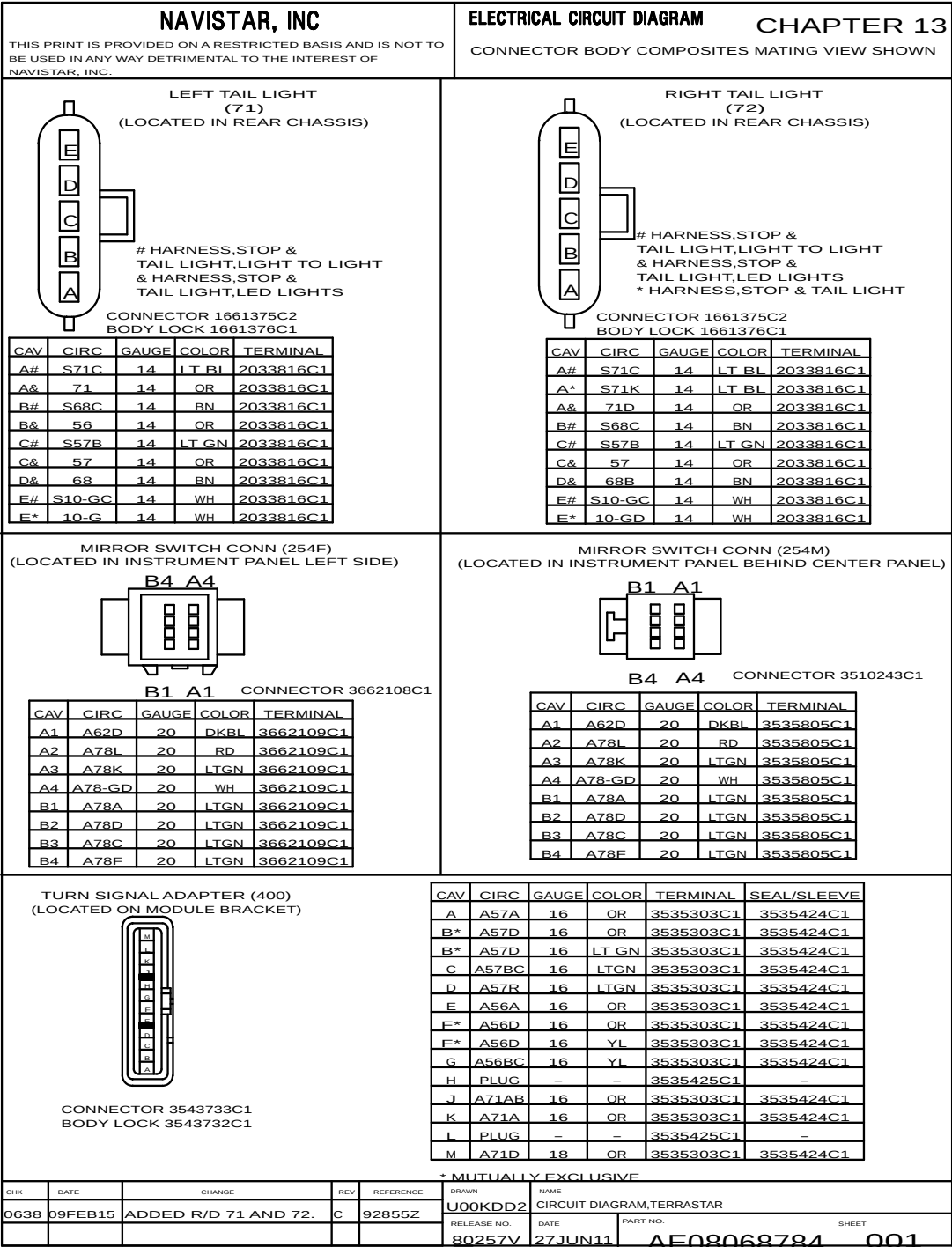


Figure 154 Connector Body Composites (71 / 72 / 254F / 254M / 400)

13.2. CONNECTOR BODY COMPOSITES (421 / 422 / 422F / 423), P. 2

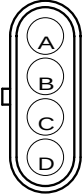
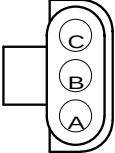
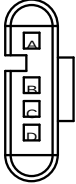
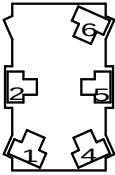
NAVISTAR, INC				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																										
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.				CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																												
RESISTANCE MODULE IN (421) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR 0587571C91 <table border="1" style="font-size: x-small; 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>A92RE</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr><tr><td>B</td><td>A92RF</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr><tr><td>C</td><td>A92RH</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr><tr><td>D</td><td>A92RJ</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr></tbody></table>							CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92RE	18	TN	0587578C1	3517771C1	B	A92RF	18	TN	0587578C1	3517771C1	C	A92RH	18	TN	0587578C1	3517771C1	D	A92RJ	18	TN	0587578C1	3517771C1												
CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																											
A	A92RE	18	TN	0587578C1	3517771C1																																											
B	A92RF	18	TN	0587578C1	3517771C1																																											
C	A92RH	18	TN	0587578C1	3517771C1																																											
D	A92RJ	18	TN	0587578C1	3517771C1																																											
REISSTANCE MODULE OUT (422) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR 3519221C91 <table border="1" style="font-size: x-small; 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>A92#158</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr><tr><td>B</td><td>A92#156</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr><tr><td>C</td><td>A92#112</td><td>18</td><td>TN</td><td>0587578C1</td><td>3517771C1</td></tr></tbody></table>							CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92#158	18	TN	0587578C1	3517771C1	B	A92#156	18	TN	0587578C1	3517771C1	C	A92#112	18	TN	0587578C1	3517771C1																		
CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																											
A	A92#158	18	TN	0587578C1	3517771C1																																											
B	A92#156	18	TN	0587578C1	3517771C1																																											
C	A92#112	18	TN	0587578C1	3517771C1																																											
LCT T HANDLE SHIFTER (422F) (LOCATED IN INSTRUMENT PANEL)  CONNECTOR 3540756C1 BODY LOCK 3540758C1 <table border="1" style="font-size: x-small; 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>A92A163</td><td>16</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>A92D</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>C</td><td>A92#142</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>D*</td><td>A92A103</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>D*</td><td>A92#103</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr><tr><td>D*</td><td>A92B103</td><td>18</td><td>TN</td><td>1661875C1</td><td>3568570C1</td></tr></tbody></table> * MUTUALLY EXCLUSIVE							CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	A92A163	16	TN	1661875C1	1661872C1	B	A92D	18	TN	1661875C1	3568570C1	C	A92#142	18	TN	1661875C1	3568570C1	D*	A92A103	18	TN	1661875C1	3568570C1	D*	A92#103	18	TN	1661875C1	3568570C1	D*	A92B103	18	TN	1661875C1	3568570C1
CAV	CIRC	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																											
A	A92A163	16	TN	1661875C1	1661872C1																																											
B	A92D	18	TN	1661875C1	3568570C1																																											
C	A92#142	18	TN	1661875C1	3568570C1																																											
D*	A92A103	18	TN	1661875C1	3568570C1																																											
D*	A92#103	18	TN	1661875C1	3568570C1																																											
D*	A92B103	18	TN	1661875C1	3568570C1																																											
RETARD REQUEST SWITCH (423) (LOCATED IN INSTRUMENT PANEL CENTER)  CONNECTOR 1673743C1 <table border="1" style="font-size: x-small; 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>1</td><td>A92#161</td><td>18</td><td>TN</td><td>1661224C1</td></tr><tr><td>2</td><td>A92#103</td><td>18</td><td>TN</td><td>1661224C1</td></tr><tr><td>4</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>5</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>6</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>							CAV	CIRC	GAUGE	COLOR	TERMINAL	1	A92#161	18	TN	1661224C1	2	A92#103	18	TN	1661224C1	4	PLUG	-	-	-	5	PLUG	-	-	-	6	PLUG	-	-	-												
CAV	CIRC	GAUGE	COLOR	TERMINAL																																												
1	A92#161	18	TN	1661224C1																																												
2	A92#103	18	TN	1661224C1																																												
4	PLUG	-	-	-																																												
5	PLUG	-	-	-																																												
6	PLUG	-	-	-																																												
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CHK</th><th>DATE</th><th>CHANGE</th><th>REV</th><th>REFERENCE</th><th>DRAWN</th><th>NAME</th></tr></thead><tbody><tr><td>0638</td><td>09FEB15</td><td>ADDED R/D 421, 422</td><td>C</td><td>92855Z</td><td>U00KDD2</td><td>CIRCUIT DIAGRAM, TERRASTAR</td></tr><tr><td></td><td>AND 423</td><td>REMOVED R/D 1800FA.</td><td></td><td></td><td>RELEASE NO. 80257V</td><td>DATE A PART NO. AE08068784 SHEET 002</td></tr></tbody></table>							CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	0638	09FEB15	ADDED R/D 421, 422	C	92855Z	U00KDD2	CIRCUIT DIAGRAM, TERRASTAR		AND 423	REMOVED R/D 1800FA.			RELEASE NO. 80257V	DATE A PART NO. AE08068784 SHEET 002																					
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																										
0638	09FEB15	ADDED R/D 421, 422	C	92855Z	U00KDD2	CIRCUIT DIAGRAM, TERRASTAR																																										
	AND 423	REMOVED R/D 1800FA.			RELEASE NO. 80257V	DATE A PART NO. AE08068784 SHEET 002																																										

Figure 155 Connector Body Composites (421 / 422 / 422F / 423)

13.3. CONNECTOR BODY COMPOSITES (424 / 828 / 1008FA), P. 2A

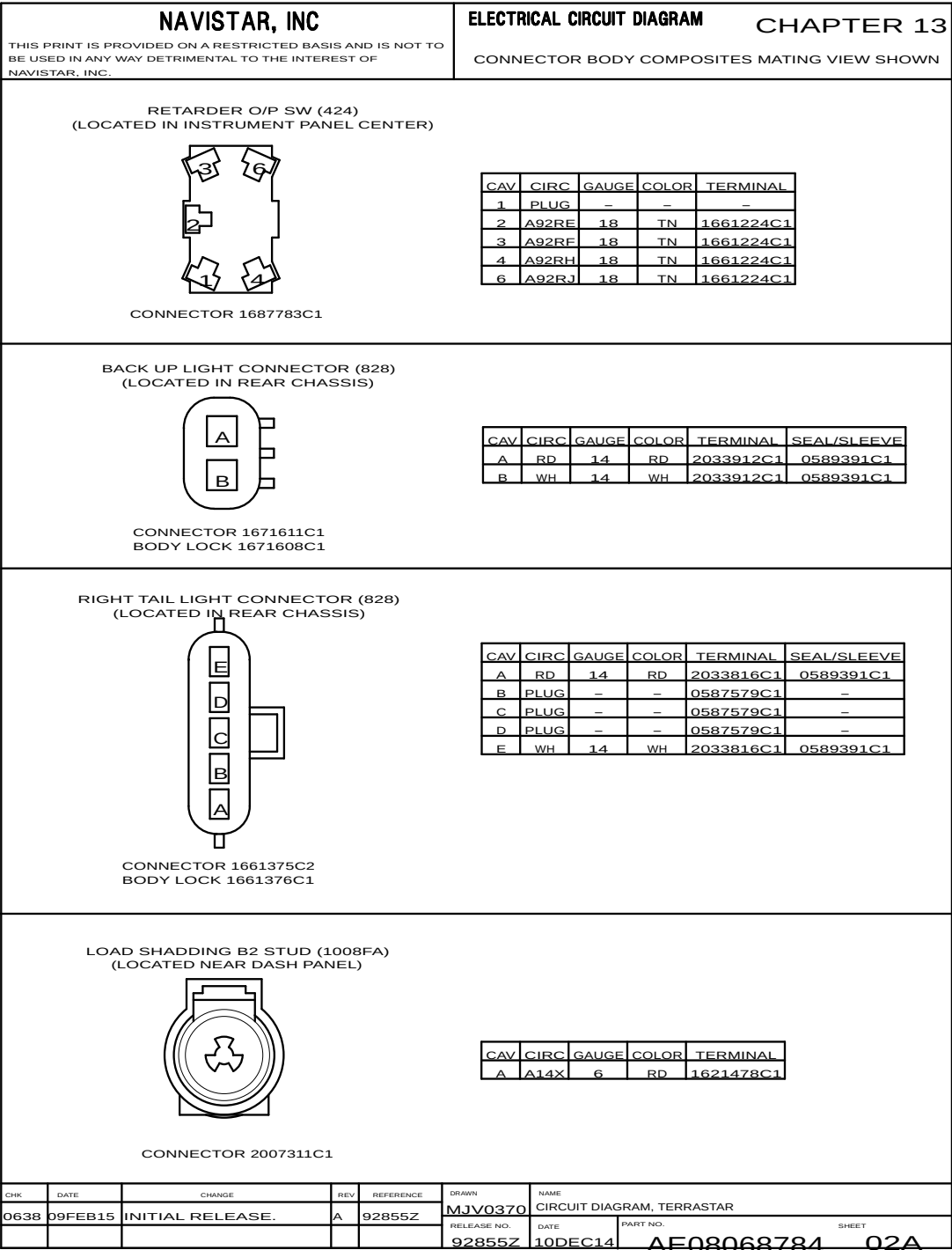


Figure 156 Connector Body Composites (424 / 828 / 1008FA)

13.4. CONNECTOR BODY COMPOSITES (1010), P. 3

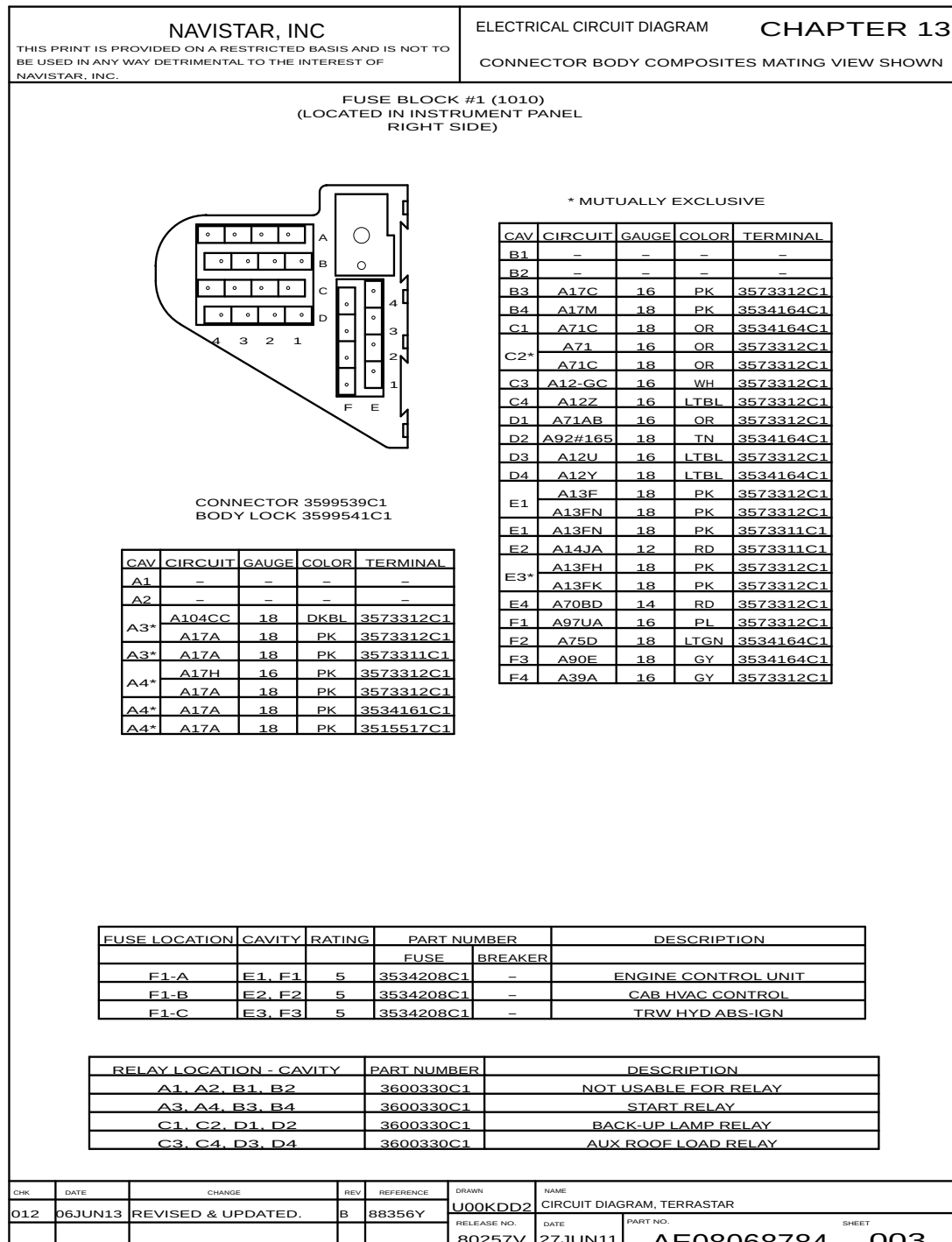


Figure 157 Connector Body Composites (1010)

13.5. CONNECTOR BODY COMPOSITES (1011), P. 4

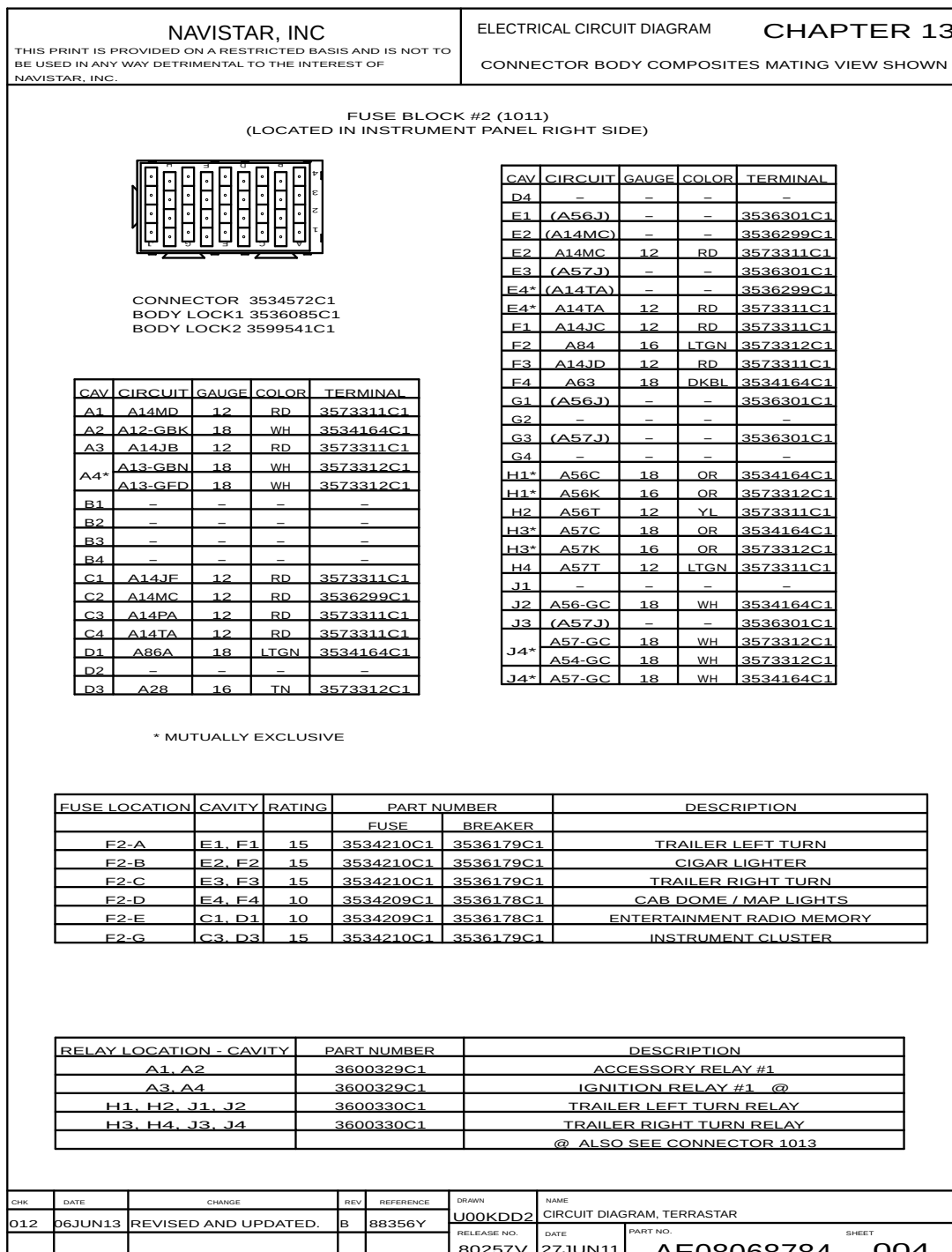
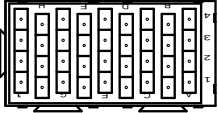


Figure 158 Connector Body Composites (1011)

13.6. CONNECTOR BODY COMPOSITES (1012), P. 5

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FUSE BLOCK #3 (1012)
 (LOCATED IN INSTRUMENT PANEL RIGHT SIDE)



CONNECTOR 3534572C1
 BODY LOCK1 3536085C1
 BODY LOCK2 3599541C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
A1	A14NA	12	RD	3573311C1
A2*	A13-GFD	18	WH	3573312C1
	A13-GFE	18	WH	3573312C1
A3	A14NC	12	RD	3573311C1
A4*	A13-GFE	18	WH	3573312C1
	A13-GFF	18	WH	3573312C1
B1	-	-	-	-
B2	-	-	-	-
B3	-	-	-	-
B4	-	-	-	-
C1*	A15	18	RD	3573312C1
	A98H	18	BK	3573312C1
C1*	A15	16	RD	3573312C1
C2	(A68J)	-	-	3536299C1
C3*	A86N	14	LTGN	3573312C1
C3*	A86R	14	LTGN	3573312C1
C3*	A86PA	16	LTGN	3573312C1
C4	(A54J)	-	-	-
D1	A14PB	12	RD	3573311C1
D2	A14HB	12	RD	3573311C1
D3	A14ME	12	RD	3573311C1
D4	A14HA	12	RD	3573311C1
E1	A68C	18	BN	3534164C1
E2	-	-	-	-
E3	A54C	18	BN	3534164C1
E4	-	-	-	-

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
F1	A68T	12	BN	3573311C1
F2*	A68-GC	18	WH	3573312C1
	A70-GT	18	WH	3573312C1
F3	A54T	12	BN	3573311C1
F4*	A54-GC	18	WH	3573312C1
	A68-GC	18	WH	3573312C1
G1	A82M	16	GY	3573312C1
G2	A82E	16	GY	3573312C1
G3	A82N	16	GY	3573312C1
G4	A82K	16	GY	3573312C1
H1	-	-	-	-
H2	A82V	16	GY	3573312C1
H3	-	-	-	-
H4	A82L	16	GY	3573312C1
J1	A82P	16	GY	3573312C1
J2	A82F	18	GY	3534164C1
J3	A82P	16	GY	3573312C1
J4	A82H	18	GY	3534164C1

* MUTUALLY EXCLUSIVE

FUSE LOCATION	CAVITY	RATING	PART NUMBER		DESCRIPTION
			FUSE	BREAKER	
F3-A	C1, D1	10	3534209C1	3536178C1	KEY SWITCH / DIAGNOSTIC
F3-B	C2, D2	20	3534211C1	3536180C1	TRAILER / BODY TAIL LIGHT
F3-C	C3, D3	20	3534210C1	3536179C1	AUXILIARY POWER SOURCES
F3-D	C4, D4	20	3534211C1	3536180C1	TRAILER / BODY MARKER LIGHT

RELAY LOCATION - CAVITY	PART NUMBER	DESCRIPTION
A1, A2	3600329C1	IGNITION RELAY # 2 @
A3, A4	3600329C1	IGNITION RELAY # 3 @
E1, E2, F1, F2	3600330C1	TRAILER TAIL LIGHT RELAY
E3, E4, F3, F4	3600330C1	TRAILER MARKER LIGHT RELAY
G1, G2, H2, J1, J2	3519350C1	WIPER POWER RELAY
G3, G4, H4, J3, J4	3519350C1	WIPER HI / LO RELAY
		@ ALSO SEE CONNECTOR 1014

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
012	06JUN13	REVISED AND UPDATED.	B	88356Y	U00KDD2	CIRCUIT DIAGRAM, TERRASTAR
					RELEASE NO.	DATE
					80257V	27JUN11
						PART NO.
						AE08068784
						SHEET
						005

Figure 159 Connector Body Composites (1012)

13.7. CONNECTOR BODY COMPOSITES (1013), P. 6

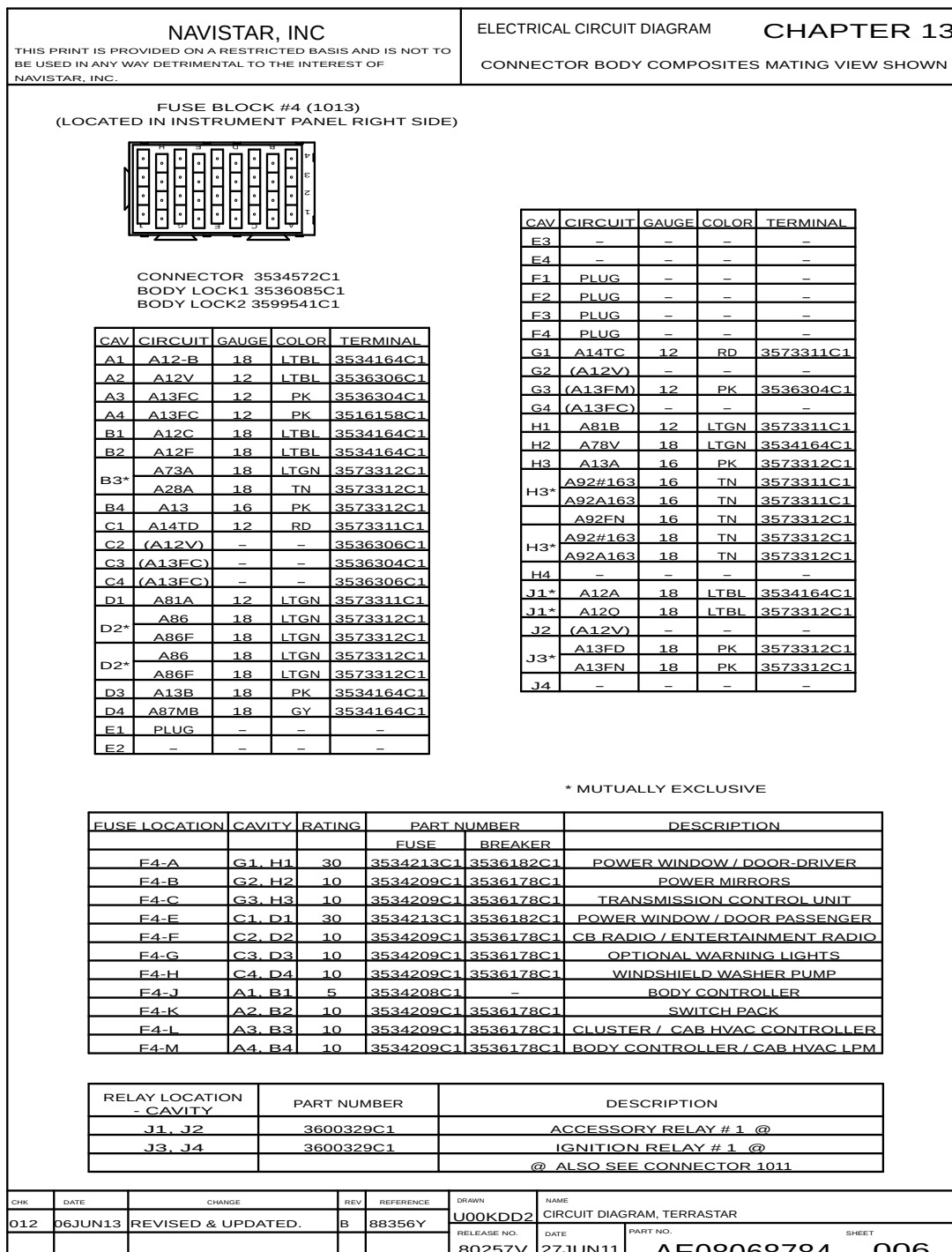


Figure 160 Connector Body Composites (1013)

13.8. CONNECTOR BODY COMPOSITES (1014), P. 7

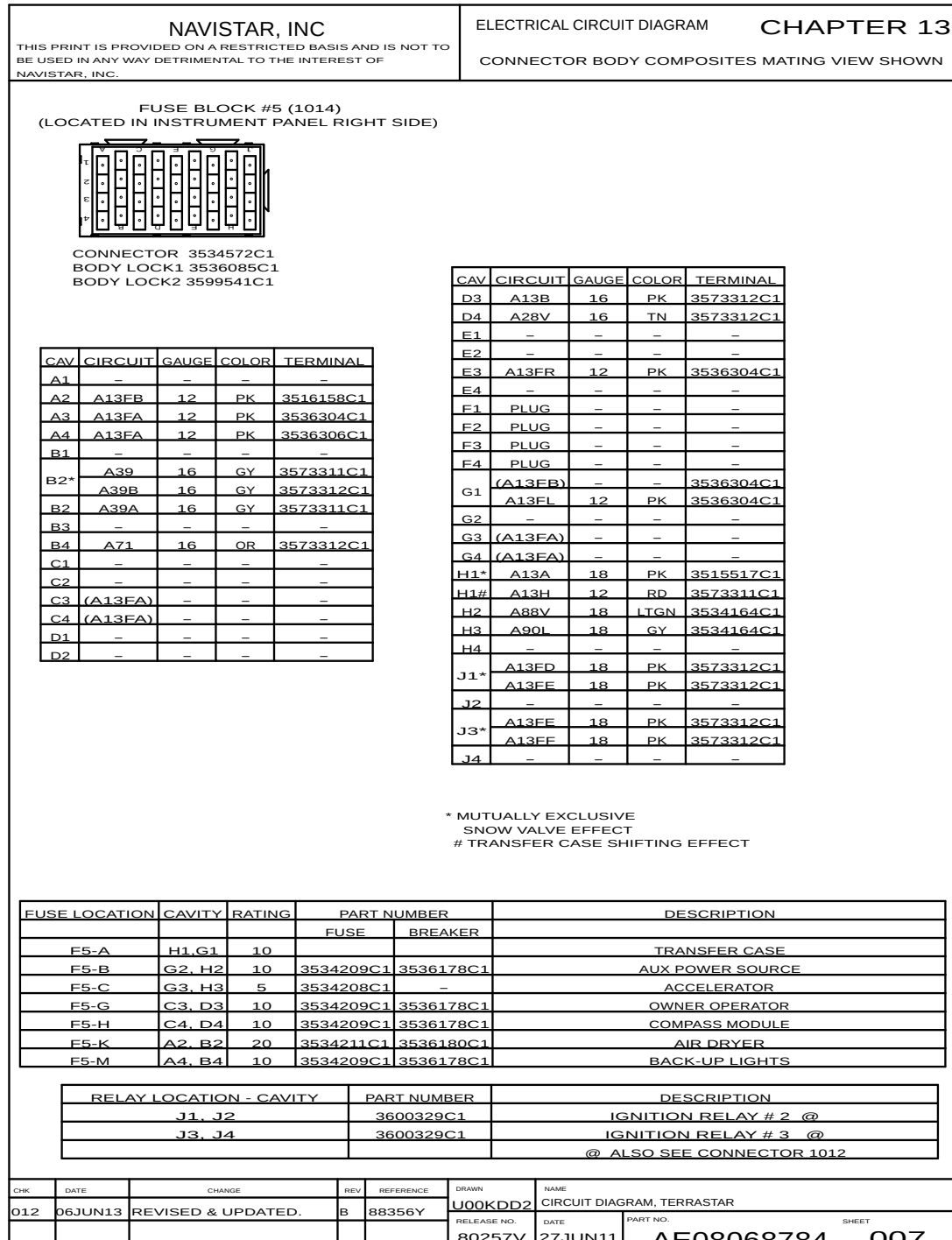


Figure 161 Connector Body Composites (1014)

13.9. CONNECTOR BODY COMPOSITES (1015), P. 8

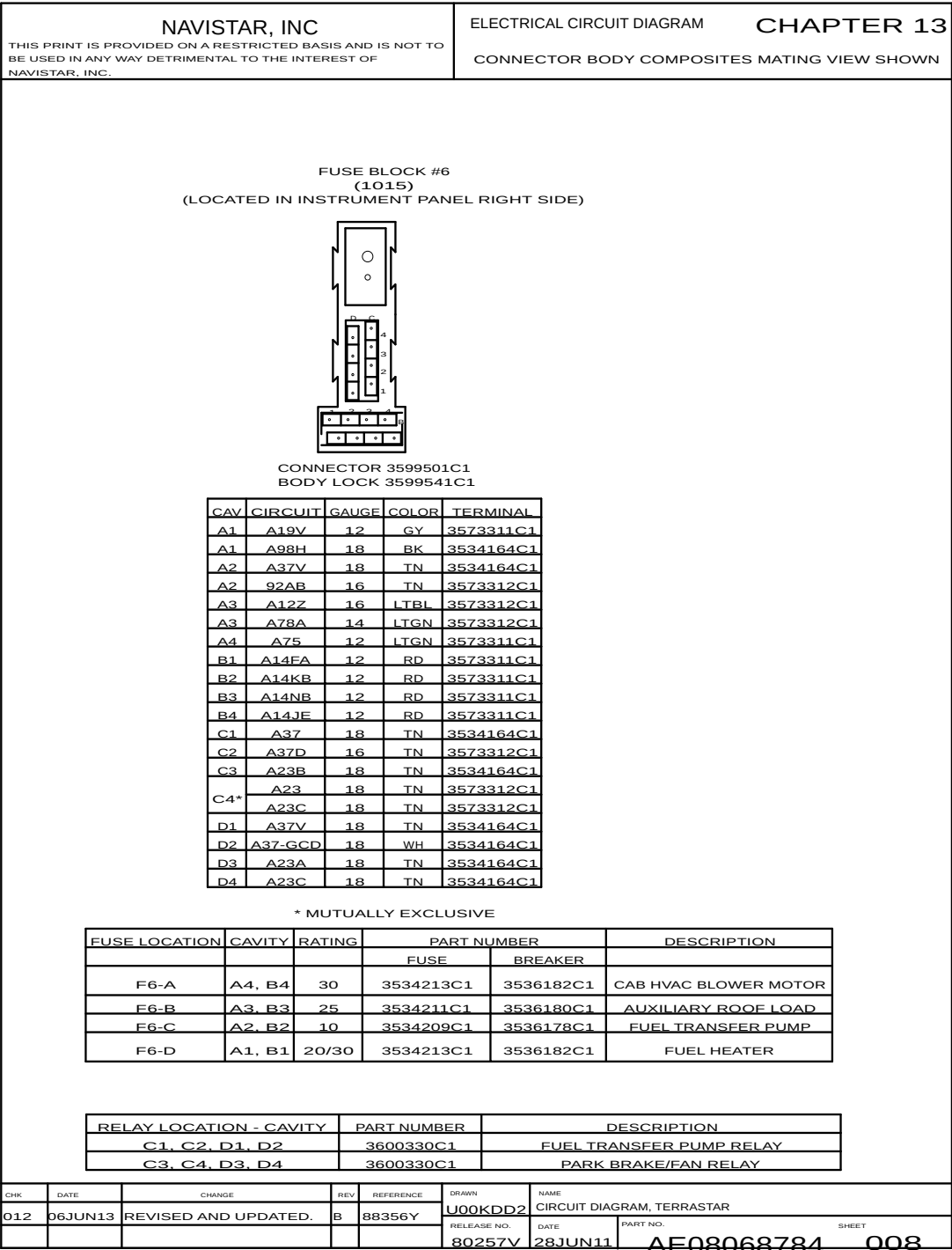


Figure 162 Connector Body Composites (1015)

13.10. CONNECTOR BODY COMPOSITES (1016), P. 9

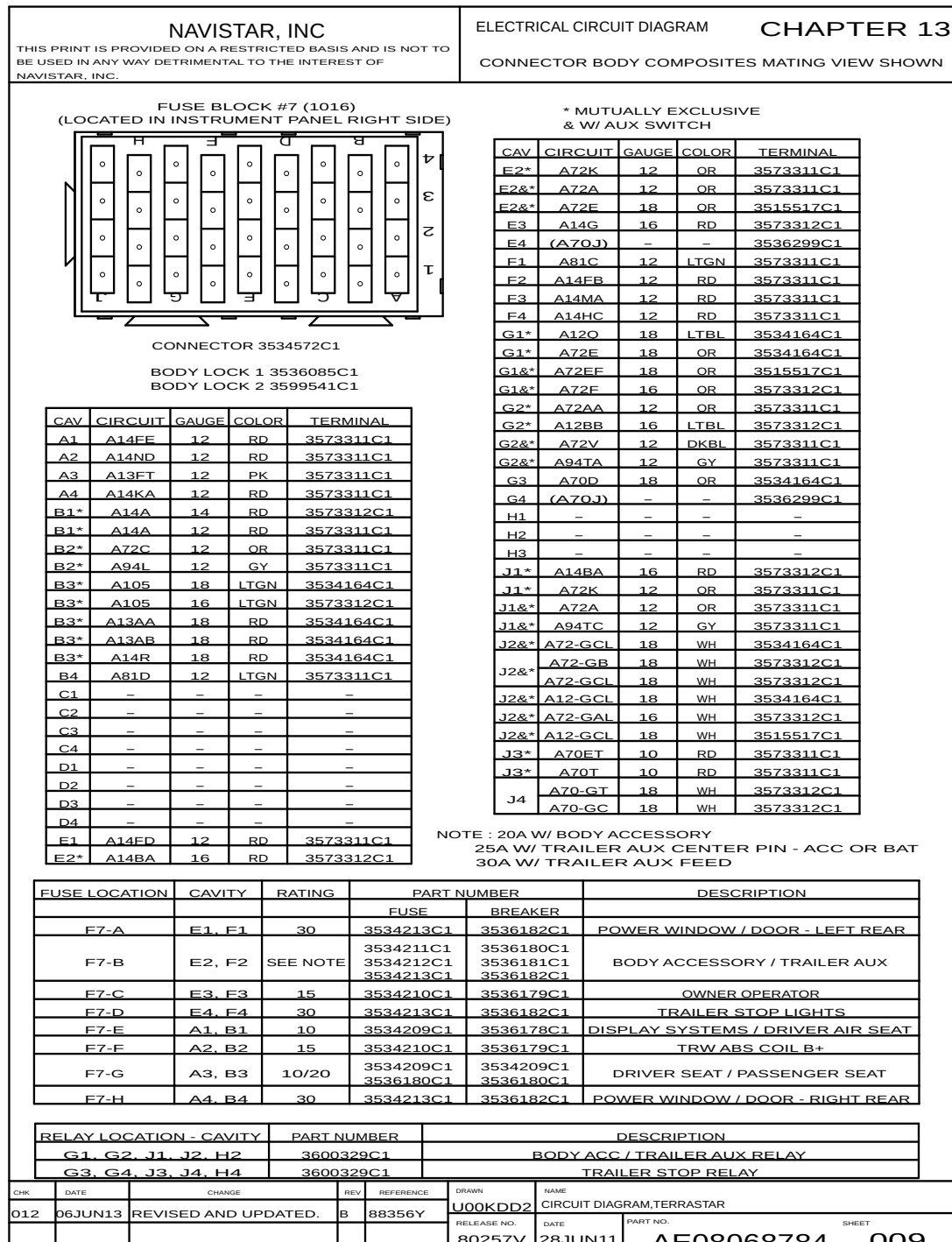


Figure 163 Connector Body Composites (1016)

13.11. CONNECTOR BODY COMPOSITES (1017), P. 10

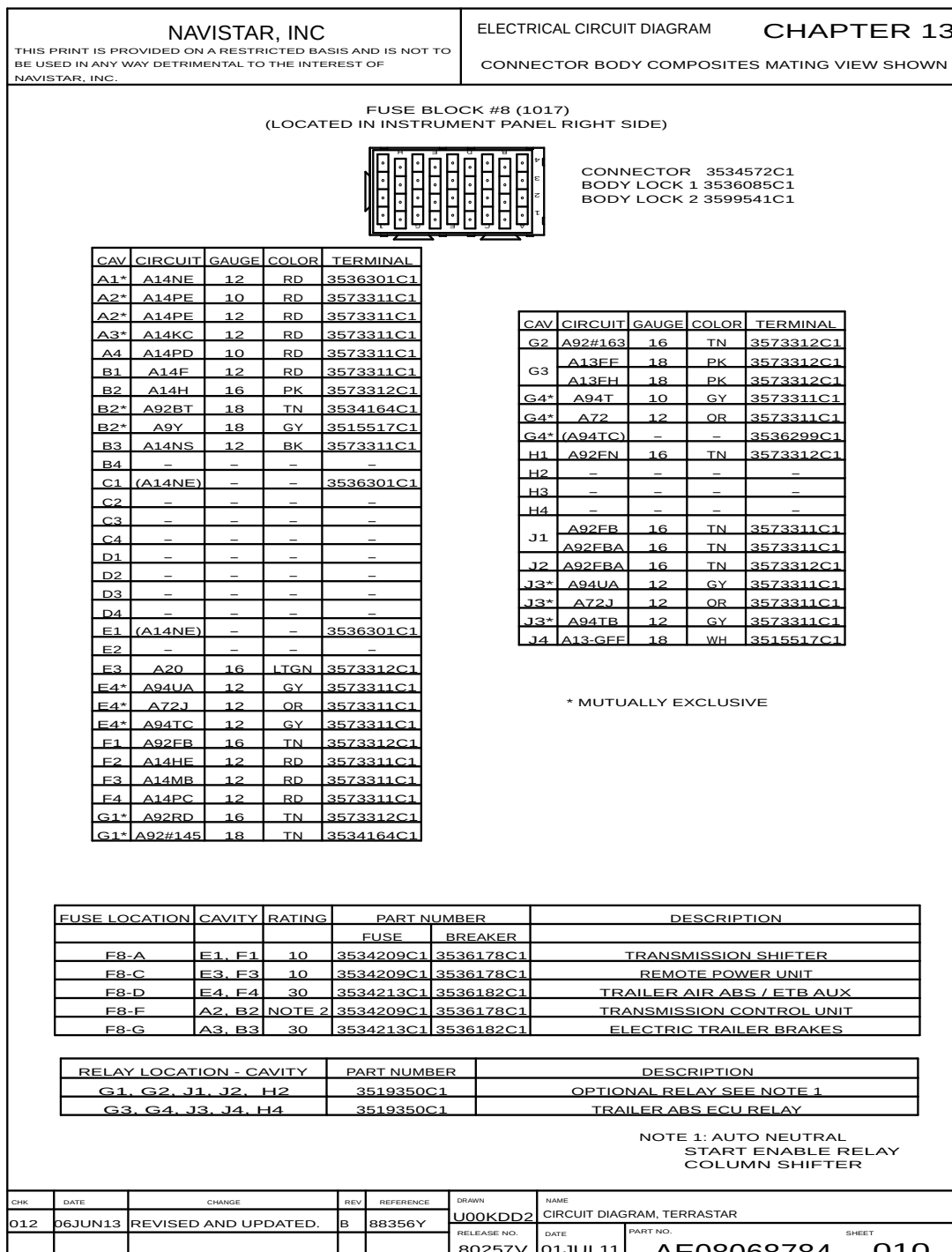


Figure 164 Connector Body Composites (1017)

13.12. CONNECTOR BODY COMPOSITES (1018), P. 11

NAVISTAR, INC

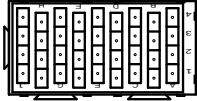
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ELECTRICAL CIRCUIT DIAGRAM

CONNECTOR BODY COMPOSITES MATING VIEW SHOWN

CHAPTER 13

FUSE BLOCK #9 (1018)
(LOCATED IN INSTRUMENT PANEL RIGHT SIDE)



* MUTUALLY EXCLUSIVE

CONNECTOR 3534572C1
BODY LOCK 1 3536085C1
BODY LOCK 2 3599541C1

CAV	CIRCUIT	GAUGE	COLOR	TERMINAL
E2	A12V	12	LTBL	3573311C1
E3	-	-	-	-
E4	-	-	-	-
F1	A86P	16	LTGN	3573312C1
F2	A12X	18	LTBL	3534164C1
F2	A89CA	18	PL	3515517C1
F3	A19V	12	GY	3573311C1
F4	A19-GCG	18	WH	3534164C1
G1*	A96RA	18	YL	3573312C1
	A96RB	18	YL	3573312C1
G1*	A104JC	18	DKBL	3573312C1
	A104JB	18	DKBL	3573312C1
G2*	A53F	14	YL	3573312C1
G2*	A104C	16	DKBL	3573312C1
G3*	A96LB	18	YL	3534164C1
	A104C	16	DKBL	3573312C1
	A104B	18	DKBL	3534164C1
G4*	A104B	18	DKBL	3534164C1
G4*	A53E	14	YL	3573312C1
H2	A53B	14	YL	3573312C1
H3	-	-	-	-
H4*	A53	14	YL	3573312C1
H4*	A13F	18	PK	3534164C1
J1*	A53PA	14	YL	3573312C1
	A104JB	18	DKBL	3573312C1
J1*	A104JA	18	DKBL	3573312C1
	A96-GD	18	YL	3573312C1
J2*	A96-GC	18	YL	3573312C1
	A104H	16	DKBL	3573312C1
J2*	A104J	16	DKBL	3573312C1
J3*	A104JA	18	DKBL	3573312C1
	A53PB	14	YL	3573312C1
J3*	A53PB	14	YL	3573312C1
	A96-GCC	18	YL	3573312C1
J4*	A96-GB	18	YL	3573312C1
J4*	A104AA	18	DKBL	3534164C1

FUSE LOCATION	CAVITY	RATING	PART NUMBER		DESCRIPTION
			FUSE	BREAKER	
F9-A	E1, F1	5	3534208C1	-	2 WAY RADIO
F9-B	E2, F2	5	3534208C1	-	AUX ROOF LOAD

RELAY LOCATION - CAVITY	PART NUMBER	DESCRIPTION
G1, G2, H2, J1, J2	3519350C1	RIGHT LOW BEAM OR SWITCH RELAY
G3, G4, H4, J3, J4	3519350C1	LEFT LOW BEAM OR REMOTE-S RELAY
A1, A2, B2, C1, C2	3519350C1	RIGHT HIGH BEAM OR REMOTE-S RELAY
A3, A4, B4, C3, C4	3519350C1	LEFT HIGH BEAM OR PUMP-I RELAY
D3, D4, E4, F3, F4	3519350C1	FUEL HEATER RELAY

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME		
012	06JUN13	REVISED & UPDATED.	B	88356Y	U00KDD2	CIRCUIT DIAGRAM, TERRASTAR		
					RELEASE NO.	DATE	PART NO.	SHEET
					80257V	01JUL11	AE08068784	011

Figure 165 Connector Body Composites (1018)

13.13. CONNECTOR BODY COMPOSITES (1019), P. 12

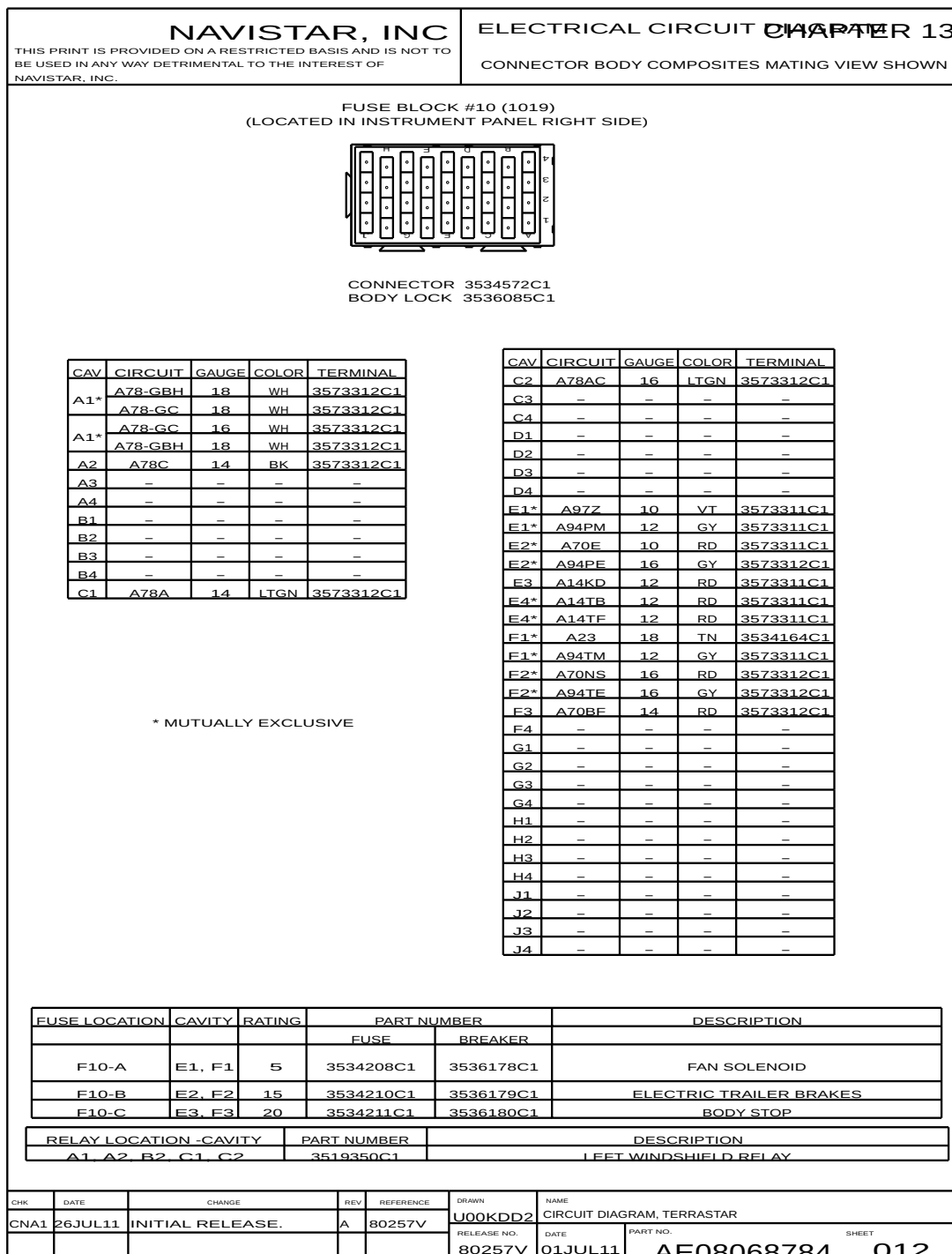


Figure 166 Connector Body Composites (1019)

13.14. CONNECTOR BODY COMPOSITES (1020), P. 13

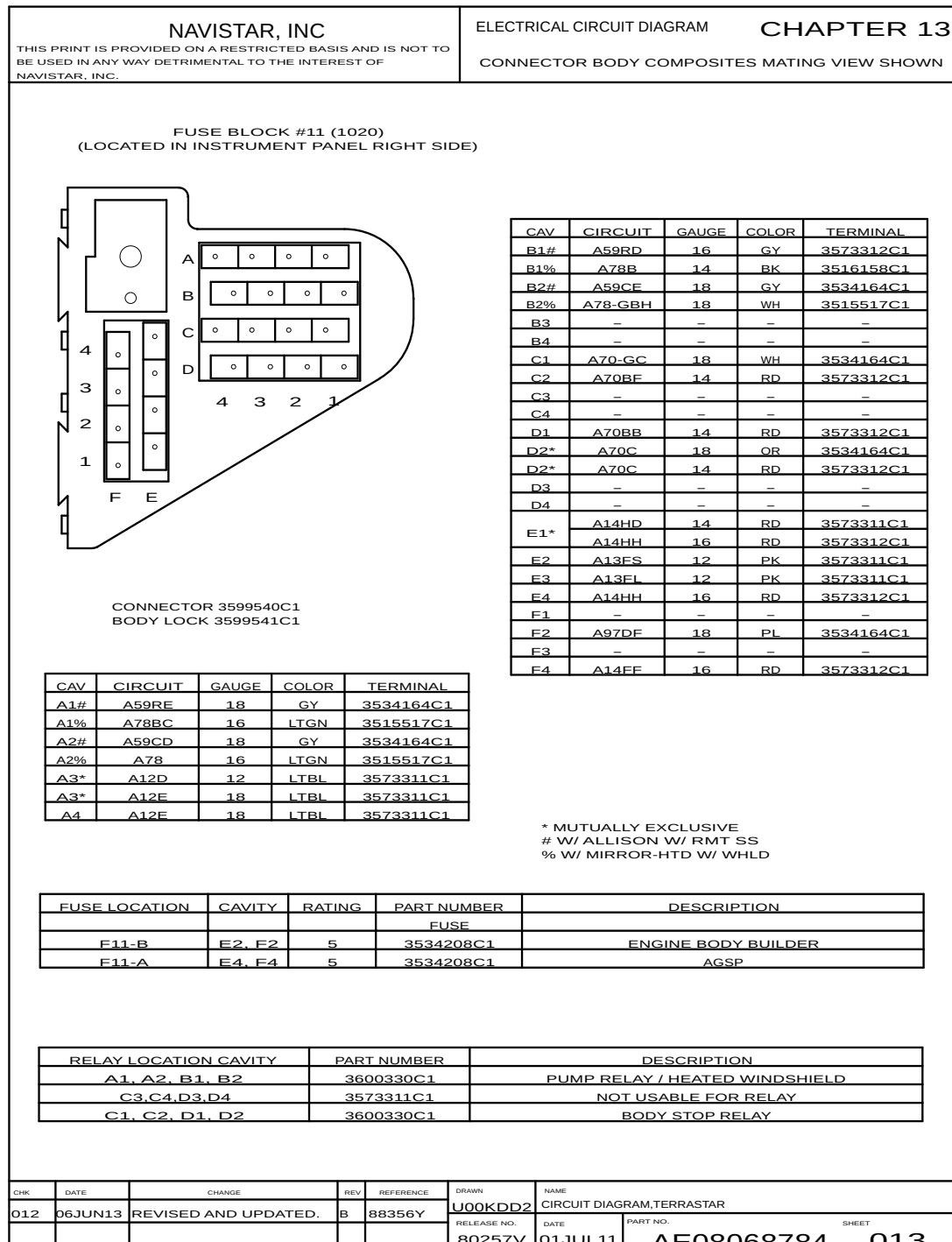


Figure 167 Connector Body Composites (1020)

13.15. CONNECTOR BODY COMPOSITES (1025 / 1026), P. 14

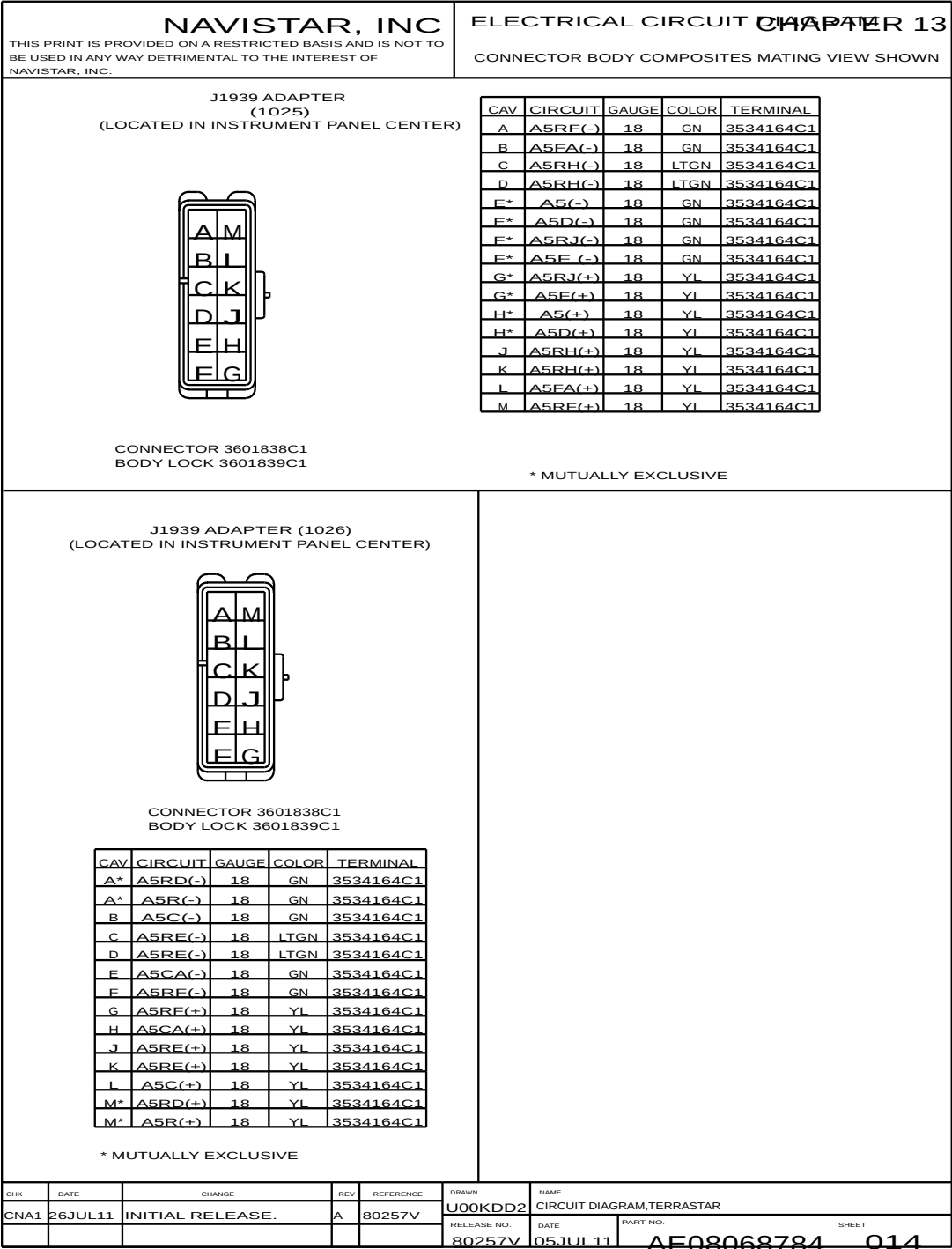


Figure 168 Connector Body Composites (1025 / 1026)

13.16. CONNECTOR BODY COMPOSITES (1100 / 1100MA / 1101 / 1101A), P. 15

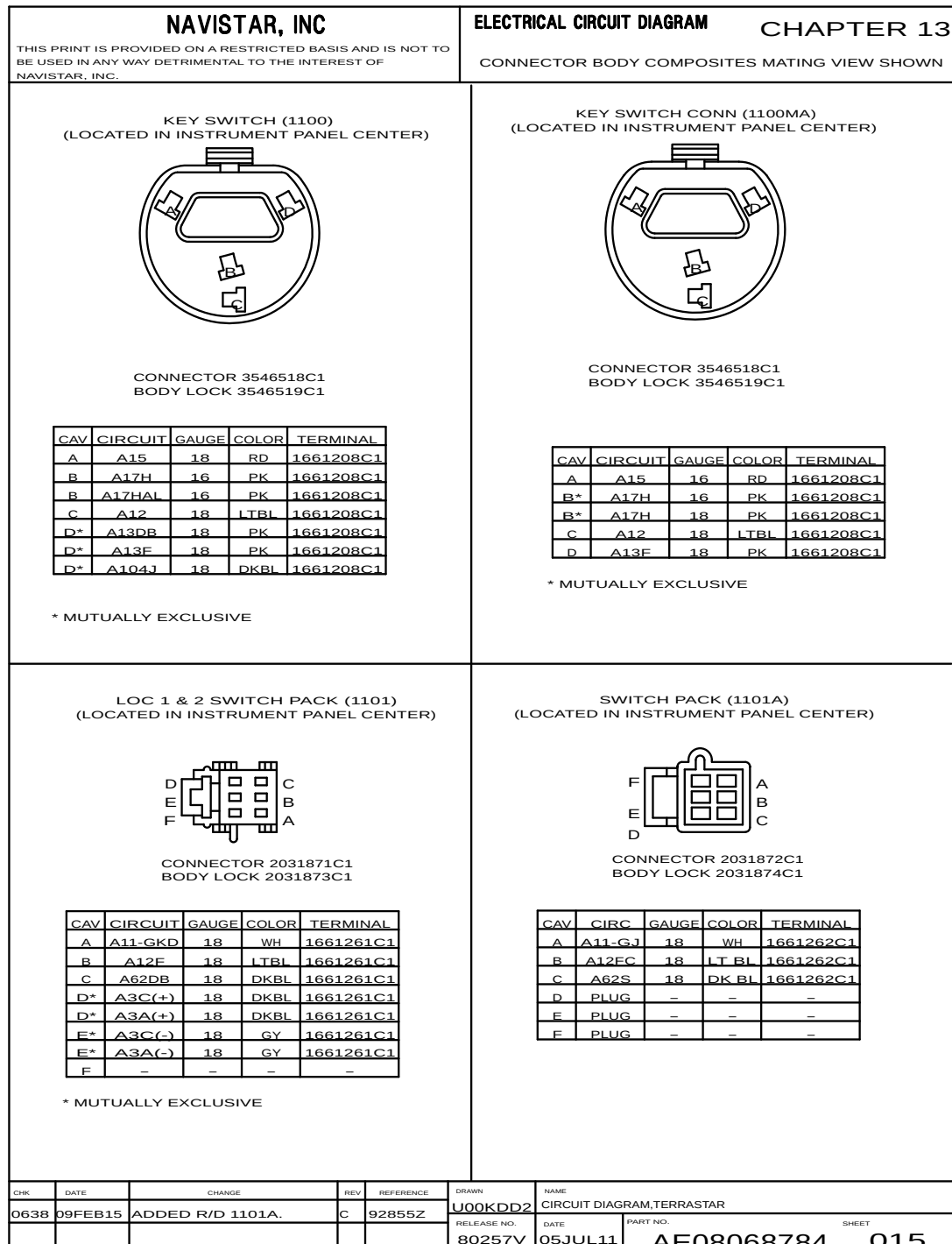


Figure 169 Connector Body Composites (1100 / 1100MA / 1101 / 1101A)

13.17. CONNECTOR BODY COMPOSITES (1106 / 1107), P. 16

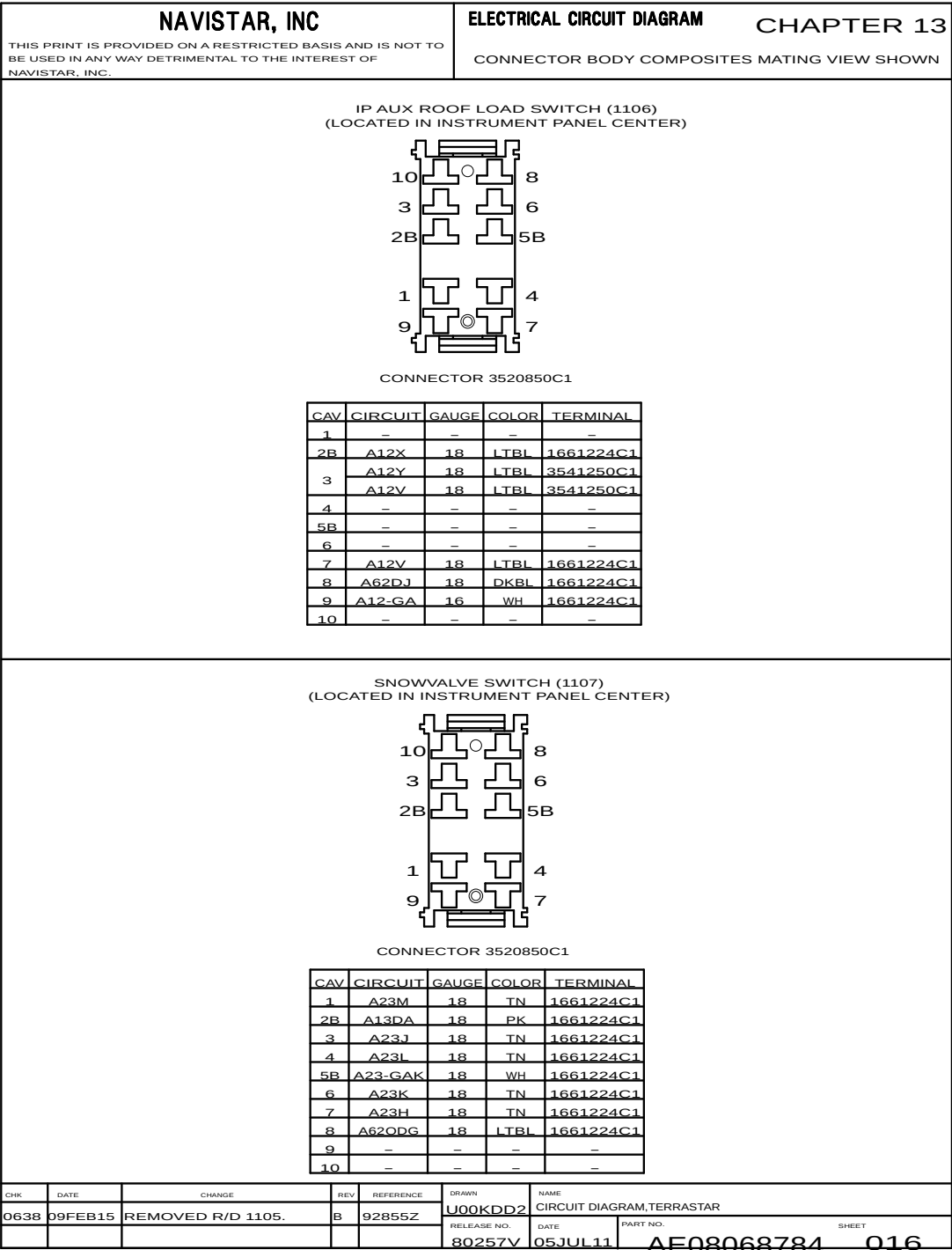


Figure 170 Connector Body Composites (1106 / 1107)

13.18. CONNECTOR BODY COMPOSITES (1110 / 1200 / 1210 / 1220), P. 17

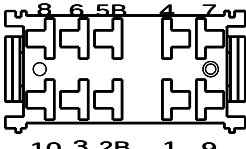
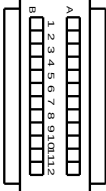
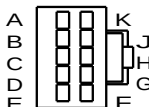
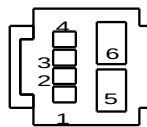
NAVISTAR, INC					ELECTRICAL CIRCUIT CHAPTER 13																																																																																																																																																																																																																								
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AUX TRAILER SOCKET SWITCH (1110) (LOCATED IN INSTRUMENT PANEL CENTER)					HVAC CONTROL (1200) (LOCATED IN INSTRUMENT PANEL CENTER)																																																																																																																																																																																																																								
 CONNECTOR 3520850C1 @ MUTUALLY EXCLUSIVE					 CONNECTOR 3534302C1 BODY LOCK1 3539892C1 BODY LOCK2 3539893C1																																																																																																																																																																																																																								
<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>A72D</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>2B</td><td>A110C</td><td>18</td><td>GY</td><td>1661224C1</td></tr> <tr><td>3@</td><td>A72CA</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>3@</td><td>A72FA</td><td>18</td><td>OR</td><td>1661226C1</td></tr> <tr><td>3@</td><td>A72F</td><td>16</td><td>OR</td><td>1661226C1</td></tr> <tr><td>3@</td><td>A72ED</td><td>18</td><td>OR</td><td>3541250C1</td></tr> <tr><td>3@</td><td>A72EC</td><td>18</td><td>OR</td><td>3541250C1</td></tr> <tr><td>4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>5B</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>A72B</td><td>14</td><td>OR</td><td>1661226C1</td></tr> <tr><td>7@</td><td>A72FA</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>7@</td><td>A72ED</td><td>18</td><td>OR</td><td>1661224C1</td></tr> <tr><td>8</td><td>A62DK</td><td>18</td><td>DKBL</td><td>1661224C1</td></tr> <tr><td>9@</td><td>A72-GAM</td><td>18</td><td>WH</td><td>1661224C1</td></tr> <tr><td>10</td><td>A72-GB</td><td>18</td><td>WH</td><td>3541250C1</td></tr> <tr><td></td><td>A72-GD</td><td>18</td><td>WH</td><td>3541250C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	A72D	18	OR	1661224C1	2B	A110C	18	GY	1661224C1	3@	A72CA	18	OR	1661224C1	3@	A72FA	18	OR	1661226C1	3@	A72F	16	OR	1661226C1	3@	A72ED	18	OR	3541250C1	3@	A72EC	18	OR	3541250C1	4	-	-	-	-	5B	-	-	-	-	6	-	-	-	-	7@	A72B	14	OR	1661226C1	7@	A72FA	18	OR	1661224C1	7@	A72ED	18	OR	1661224C1	8	A62DK	18	DKBL	1661224C1	9@	A72-GAM	18	WH	1661224C1	10	A72-GB	18	WH	3541250C1		A72-GD	18	WH	3541250C1	<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>A1</td><td>A73A</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>A2</td><td>A75D</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>A3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A4</td><td>A77</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr> <tr><td>A5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A9</td><td>A75C</td><td>20</td><td>LTGN</td><td>3534303C1</td></tr> <tr><td>A10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A11</td><td>A75A</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>A12</td><td>A62DA</td><td>18</td><td>DKBL</td><td>3522073C1</td></tr> <tr><td>B1</td><td>A74D</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>B2</td><td>A74E</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>B3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B6</td><td>A74-G</td><td>18</td><td>WH</td><td>3522073C1</td></tr> <tr><td>B7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B9</td><td>A74</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>B10</td><td>A74A</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>B11</td><td>A74B</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> <tr><td>B12</td><td>A74C</td><td>18</td><td>LTGN</td><td>3522073C1</td></tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A1	A73A	18	LTGN	3522073C1	A2	A75D	18	LTGN	3522073C1	A3	-	-	-	-	A4	A77	20	LTGN	3534303C1	A5	-	-	-	-	A6	-	-	-	-	A7	-	-	-	-	A8	-	-	-	-	A9	A75C	20	LTGN	3534303C1	A10	-	-	-	-	A11	A75A	18	LTGN	3522073C1	A12	A62DA	18	DKBL	3522073C1	B1	A74D	18	LTGN	3522073C1	B2	A74E	18	LTGN	3522073C1	B3	-	-	-	-	B4	-	-	-	-	B5	-	-	-	-	B6	A74-G	18	WH	3522073C1	B7	-	-	-	-	B8	-	-	-	-	B9	A74	18	LTGN	3522073C1	B10	A74A	18	LTGN	3522073C1	B11	A74B	18	LTGN	3522073C1	B12	A74C	18	LTGN	3522073C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																																																																																																																									
1	A72D	18	OR	1661224C1																																																																																																																																																																																																																									
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3@	A72EC	18	OR	3541250C1																																																																																																																																																																																																																									
4	-	-	-	-																																																																																																																																																																																																																									
5B	-	-	-	-																																																																																																																																																																																																																									
6	-	-	-	-																																																																																																																																																																																																																									
7@	A72B	14	OR	1661226C1																																																																																																																																																																																																																									
7@	A72FA	18	OR	1661224C1																																																																																																																																																																																																																									
7@	A72ED	18	OR	1661224C1																																																																																																																																																																																																																									
8	A62DK	18	DKBL	1661224C1																																																																																																																																																																																																																									
9@	A72-GAM	18	WH	1661224C1																																																																																																																																																																																																																									
10	A72-GB	18	WH	3541250C1																																																																																																																																																																																																																									
	A72-GD	18	WH	3541250C1																																																																																																																																																																																																																									
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<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>A</td><td>A74</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>B</td><td>A74A</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>C</td><td>A74B</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>D</td><td>A74C</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>E</td><td>A74D</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>F</td><td>A74E</td><td>18</td><td>LTGN</td><td>1661261C1</td></tr> <tr><td>G</td><td>A75E</td><td>20</td><td>LTGN</td><td>3544254C1</td></tr> <tr><td>H</td><td>A75ZVRA</td><td>18</td><td>GY</td><td>1661261C1</td></tr> <tr><td>J</td><td>A77D</td><td>20</td><td>LTGN</td><td>3544254C1</td></tr> <tr><td>K</td><td>A75ZVRB</td><td>18</td><td>GY</td><td>1661261C1</td></tr> </tbody> </table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A74	18	LTGN	1661261C1	B	A74A	18	LTGN	1661261C1	C	A74B	18	LTGN	1661261C1	D	A74C	18	LTGN	1661261C1	E	A74D	18	LTGN	1661261C1	F	A74E	18	LTGN	1661261C1	G	A75E	20	LTGN	3544254C1	H	A75ZVRA	18	GY	1661261C1	J	A77D	20	LTGN	3544254C1	K	A75ZVRB	18	GY	1661261C1	<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>-</td><td>-</td><td>-</td><td>-</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>A75A</td><td>18</td><td>LTGN</td><td>3544884C1</td></tr> <tr><td>5</td><td>A75-G</td><td>12</td><td>WH</td><td>3605694C1</td></tr> <tr><td>6</td><td>A75</td><td>12</td><td>LTGN</td><td>3605694C1</td></tr> </tbody> </table>		CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	A75A	18	LTGN	3544884C1	5	A75-G	12	WH	3605694C1	6	A75	12	LTGN	3605694C1																																																																																																																													
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Figure 171 Connector Body Composites (1110 / 1200 / 1210 / 1220)

13.19. CONNECTOR BODY COMPOSITES (1300 / 1301 / 1500 / 1501), P. 18

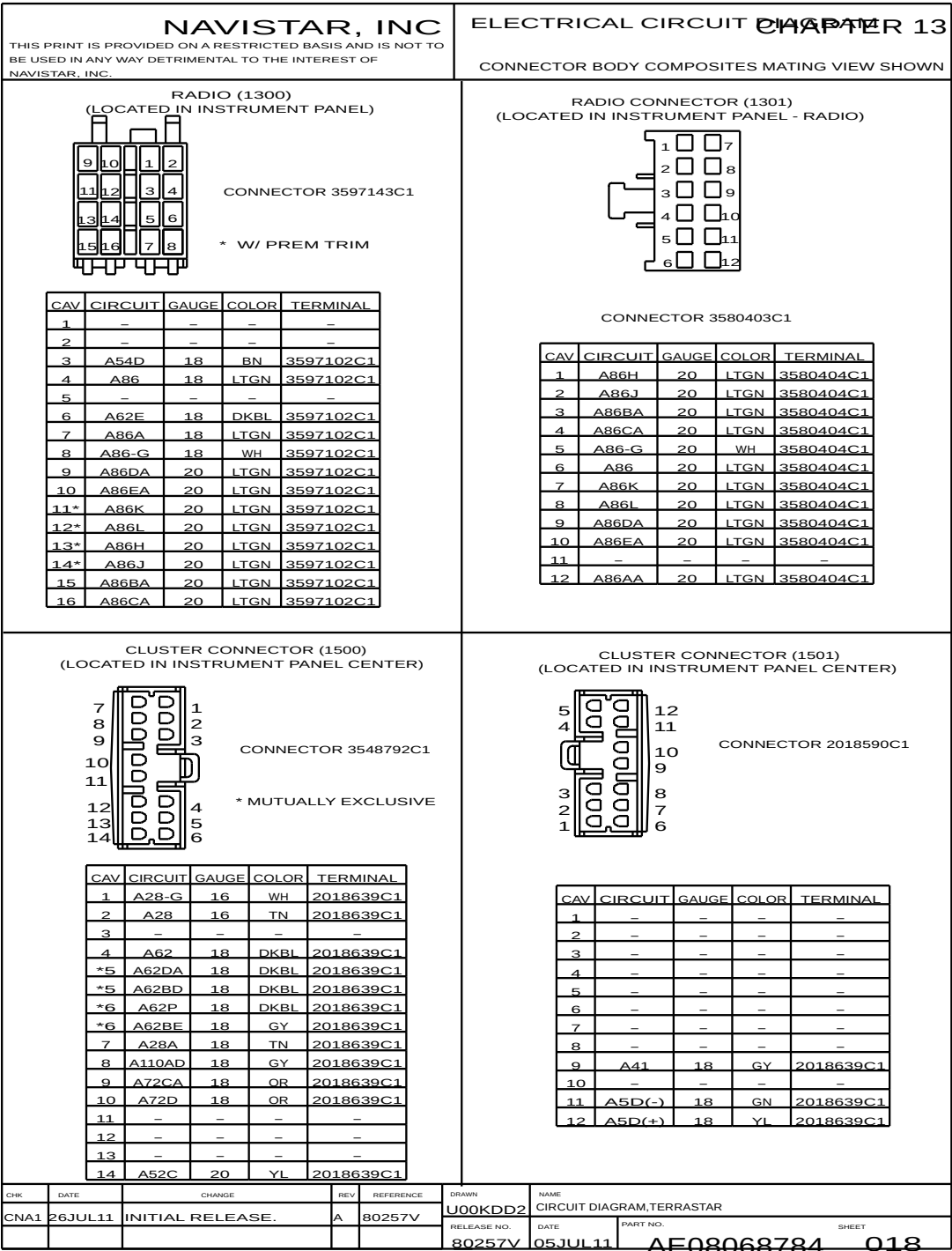


Figure 172 Connector Body Composites (1300 / 1301 / 1500 / 1501)

13.20. CONNECTOR BODY COMPOSITES (1501 / 1502 / 1503), P. 18A

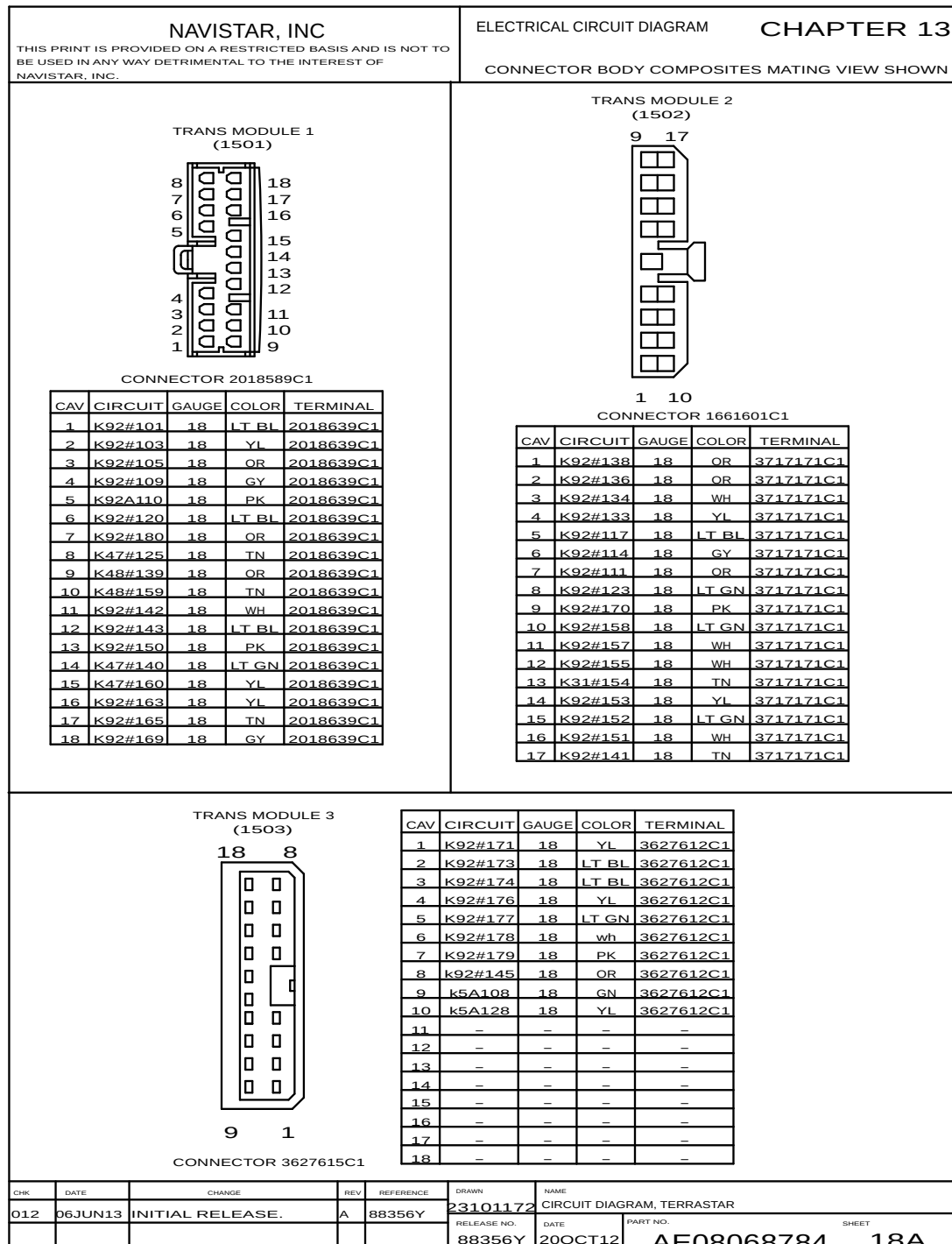


Figure 173 Connector Body Composites (1501 / 1502 / 1503)

13.21. CONNECTOR BODY COMPOSITES (1512 / 1600), P. 19

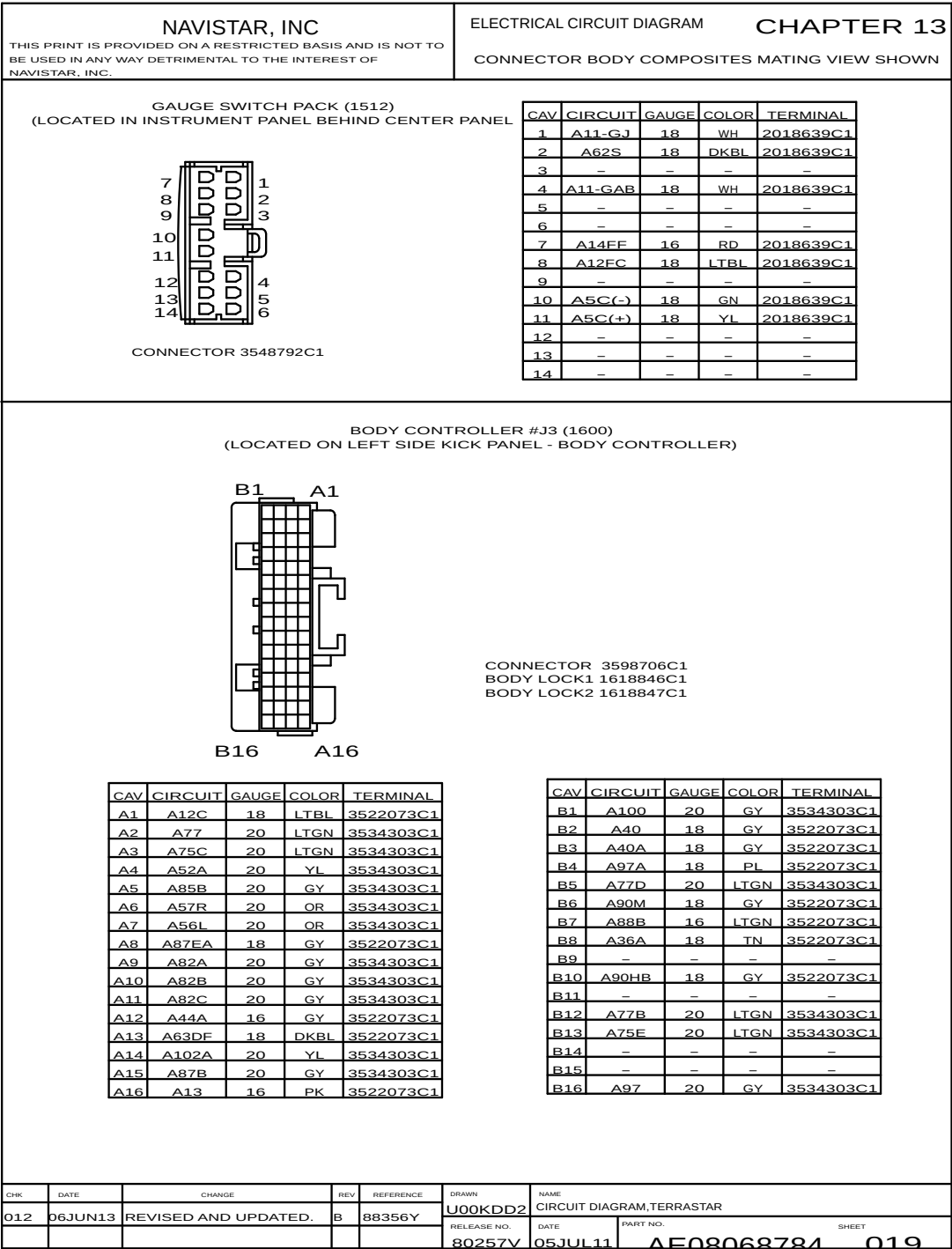


Figure 174 Connector Body Composites (1512 / 1600)

13.22. CONNECTOR BODY COMPOSITES (1601), P. 20

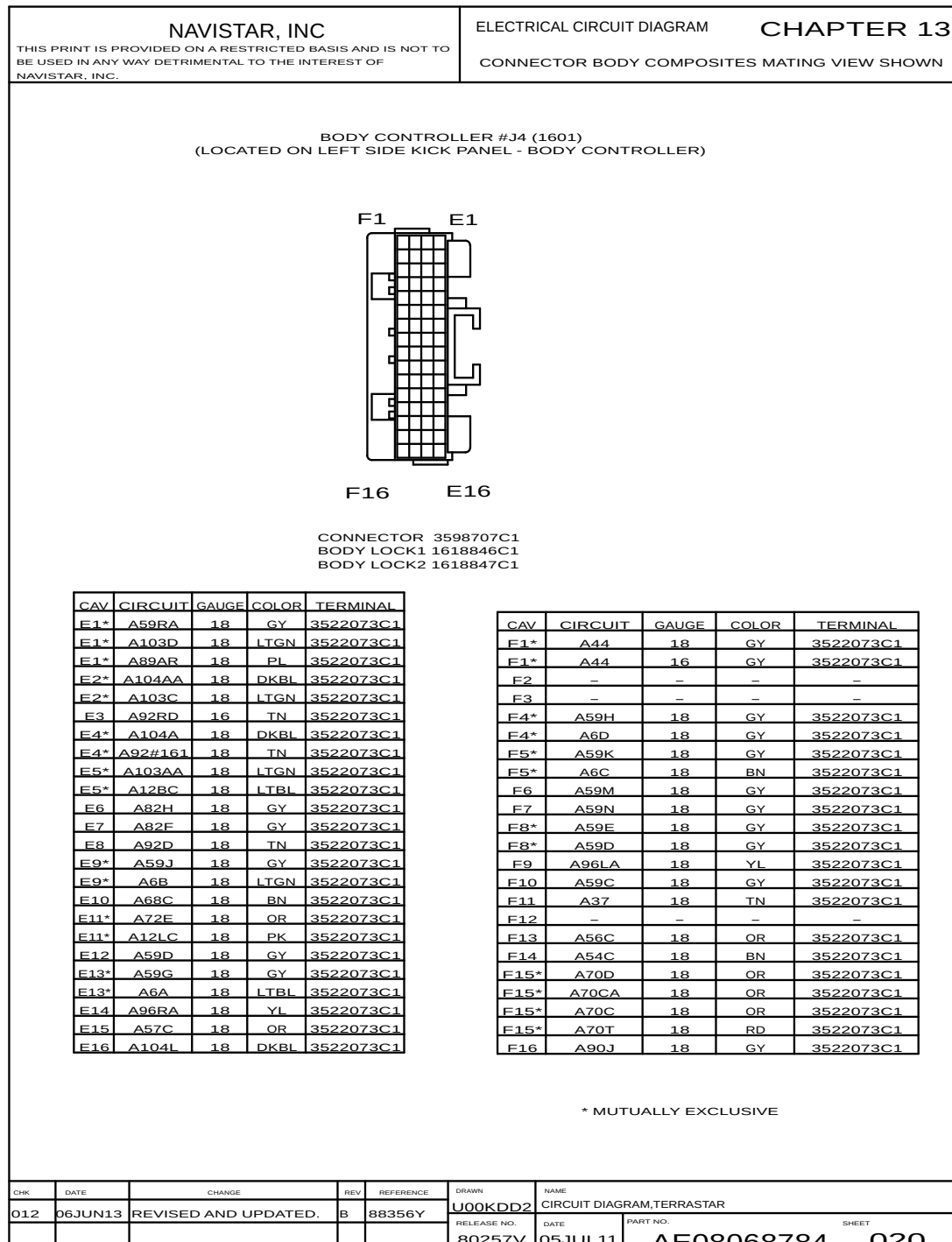


Figure 175 Connector Body Composites (1601)

13.23. CONNECTOR BODY COMPOSITES (1602), P. 21

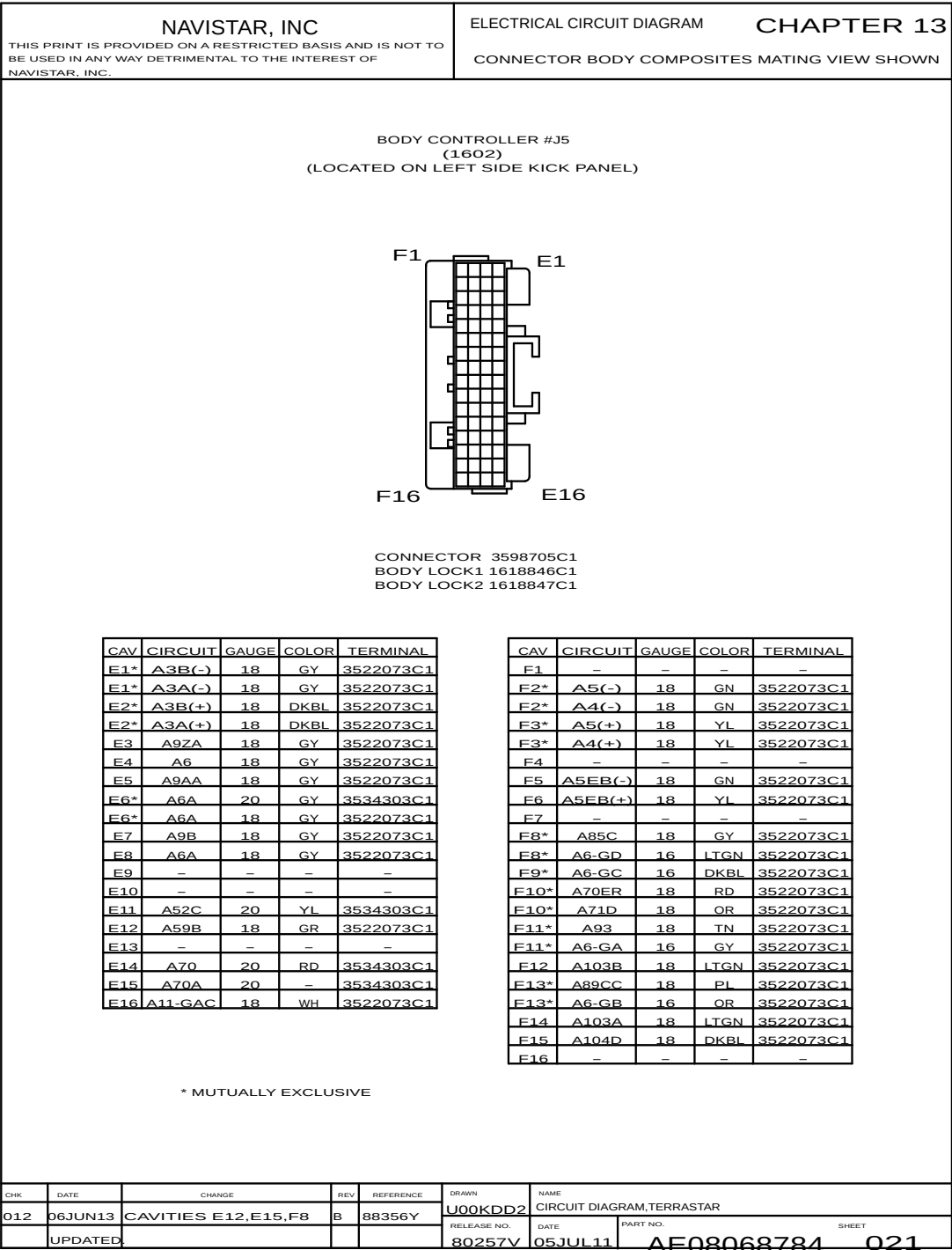
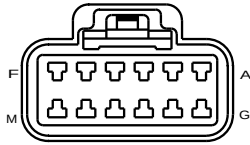
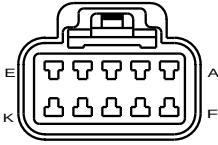
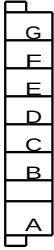


Figure 176 Connector Body Composites (1602)

13.24. CONNECTOR BODY COMPOSITES (1603 / 1604 / 1623 / 1625), P. 22

NAVISTAR, INC					ELECTRICAL CIRCUIT CHAPTER 13					
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 COMPOSITES MATING VIEW SHOWN					
BODY CONTROLLER #J1 (1603) (LOCATED ON LEFT SIDE KICK PANEL)					BODY CONTROLLER #J2 (1604) (LOCATED ON LEFT SIDE KICK PANEL)					
										
CONNECTOR 3598711C1					CONNECTOR 3598710C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	
A	A57A	16	OR	3544876C1	A	A82	16	GY	3544876C1	
B	A56A	16	OR	3544876C1	B*	A53AA	14	YL	3544877C1	
C	A77A	16	LTGN	3544876C1	B*	A53PB	14	YL	3544877C1	
D	A56C	16	OR	3544876C1	B*	A53	14	YL	3544877C1	
E	A85E	16	GY	3544876C1	C*	A52AA	14	YL	3544877C1	
F	A64A	16	YL	3544876C1	C*	A52PC	14	YL	3544877C1	
G	-	-	-	-	C*	A52	14	YL	3544877C1	
H*	A78A	16	LTGN	3544876C1	D	-	-	-	-	
H*	A78AA	16	LTGN	3544876C1	E	A11-GB	12	WH	3544877C1	
J	-	-	-	-	F	A68	16	BN	3544876C1	
K	A64B	16	YL	3544876C1	G	A58	16	BN	3544876C1	
L*	A78B	16	LTGN	3544876C1	H*	A53B	14	YL	3544877C1	
L*	A78BA	16	LTGN	3544876C1	H*	A53PA	14	YL	3544877C1	
M	A57C	16	OR	3544876C1	J	A63A	18	DKBL	3544876C1	
					K*	A52D	14	YL	3544877C1	
					K*	A52PD	14	YL	3544877C1	
* MUTUALLY EXCLUSIVE					* MUTUALLY EXCLUSIVE					
BASE 1 ADAPTER (1623) (LOCATED IN INSTRUMENT PANEL CENTER)					REAR TURNS PANEL ADAPTER (1625) (LOCATED IN INSTRUMENT PANEL CENTER)					
										
CONNECTOR 2006789C1 BODY LOCK 2006792C1					CONNECTOR 3543733C1 BODY LOCK 3543732C1					
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE
A	A58	16	BN	1661208C1	A	A57C	16	OR	3535303C1	3535424C1
B	A54D	18	BN	1661208C1	B	A57	16	OR	3535303C1	3535424C1
C	A58DA	18	BN	1661208C1	C	A57BB	16	LTGN	3535303C1	3535424C1
D	A58DB	18	BN	1661208C1	D	A57K	16	OR	3535303C1	3535424C1
E	A58T	18	BN	1661208C1	E	A56C	16	OR	3535303C1	3535424C1
F	A54B	16	BN	1661208C1	F	A56	16	OR	3535303C1	3535424C1
G	-	-	-	-	G	A56BB	16	YL	3535303C1	3535424C1
					H	A56K	16	OR	3535303C1	3535424C1
					J	A62	18	DKBL	3535303C1	3535424C1
					K	A62DA	18	DKBL	3535303C1	3535424C1
					L	A62DB	18	DKBL	3535303C1	3535424C1
					M	A62E	18	DKBL	3535303C1	3535424C1

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
CNA1	26JUL11	INITIAL RELEASE.	A	80257V	U00KDD2	CIRCUIT DIAGRAM, TERRASTAR
					RELEASE NO.	DATE
					80257V	05JUL11
					PART NO.	SHEET
					AE08068784	022

Figure 177 Connector Body Composites (1603 / 1604 / 1623 / 1625)

13.25. CONNECTOR BODY COMPOSITES (1626 / 1657 / 1650 / 1660 / 1661), P. 23

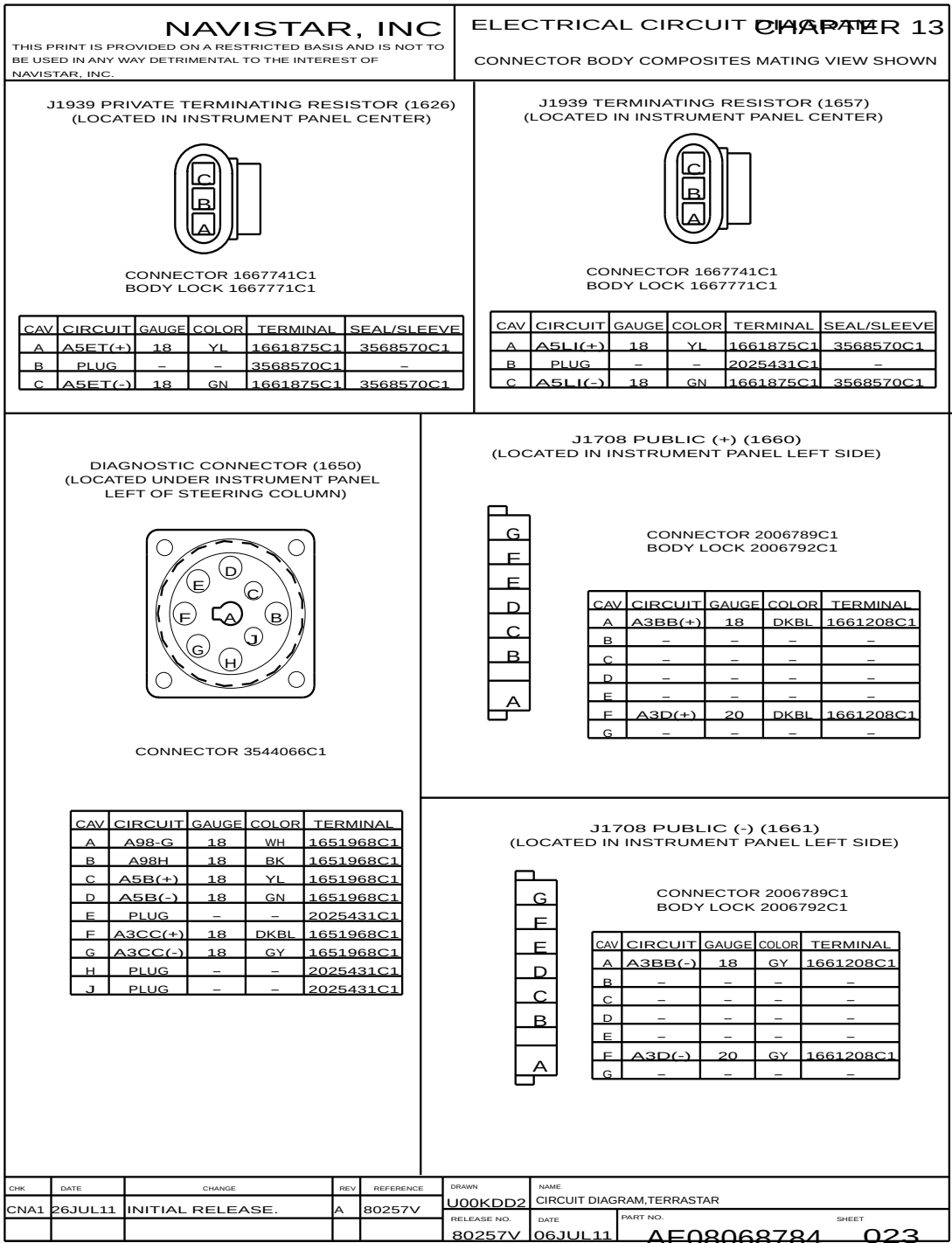


Figure 178 Connector Body Composites (1626 / 1657 / 1650 / 1660 / 1661)

13.26. CONNECTOR BODY COMPOSITES (1700), P. 24

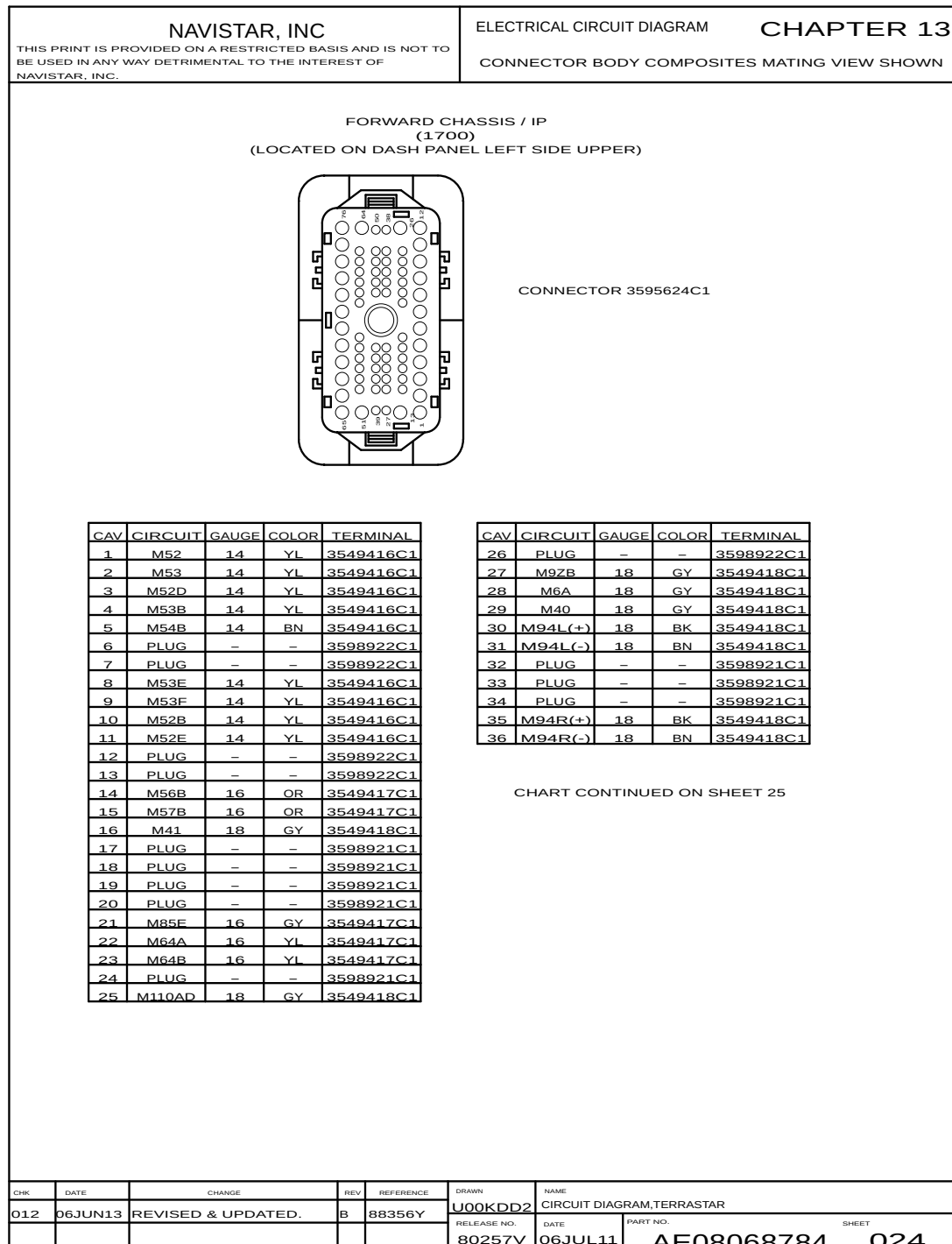


Figure 179 Connector Body Composites (1700)

13.27. CONNECTOR BODY COMPOSITES (1700), P. 25

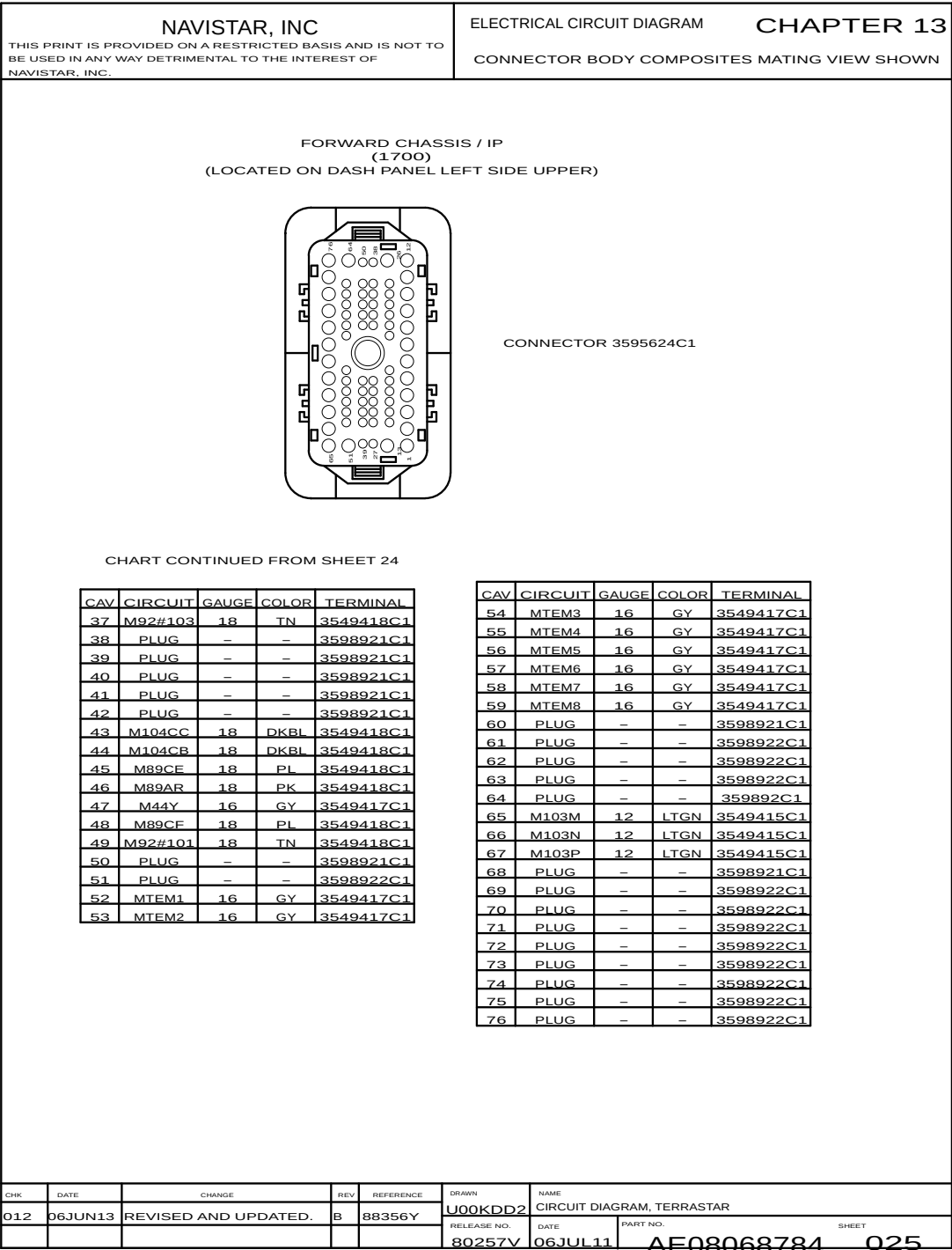


Figure 180 Connector Body Composites (1700)

13.28. CONNECTOR BODY COMPOSITES (1700), P. 26

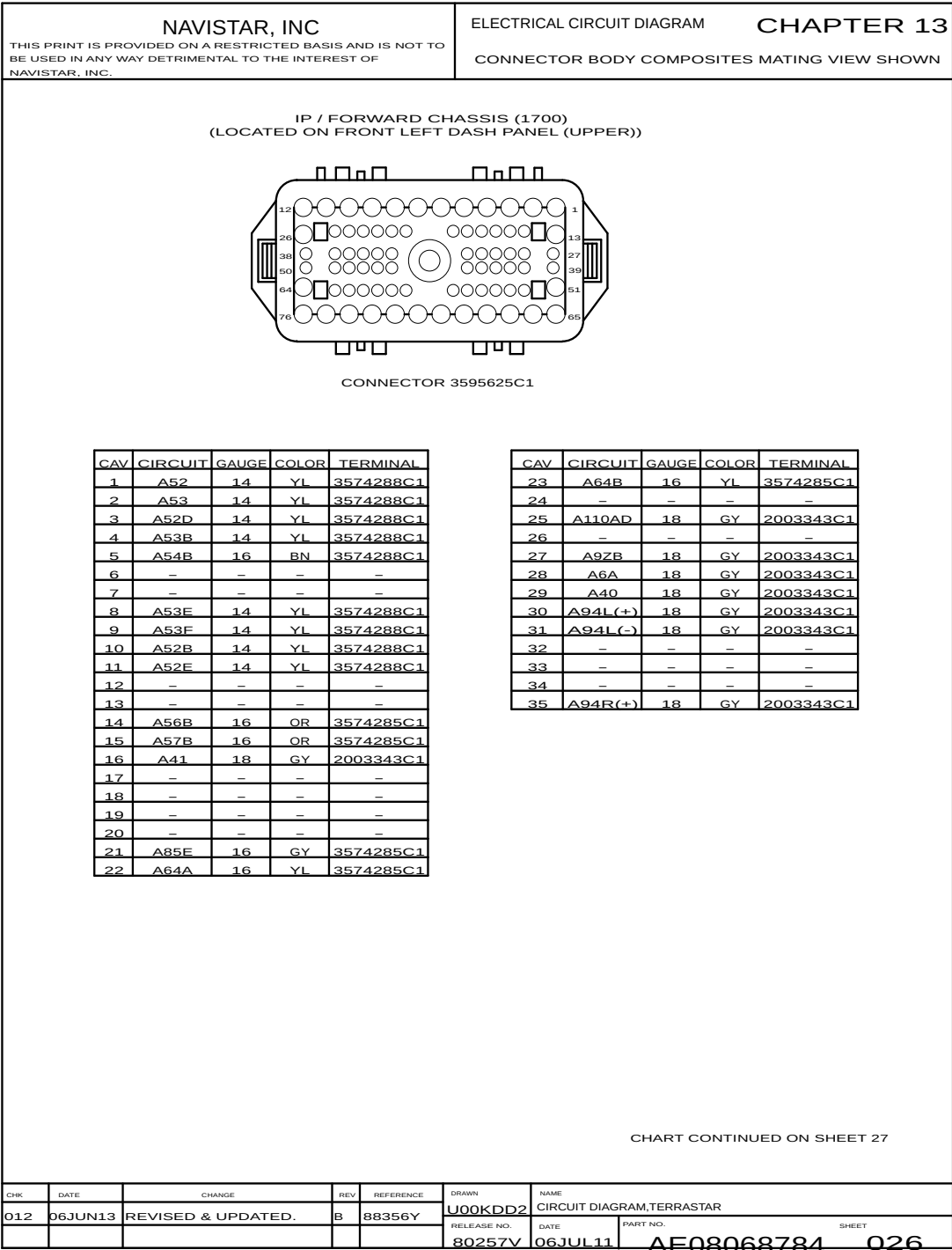


Figure 181 Connector Body Composites (1700)

13.29. CONNECTOR BODY COMPOSITES (1700), P. 27

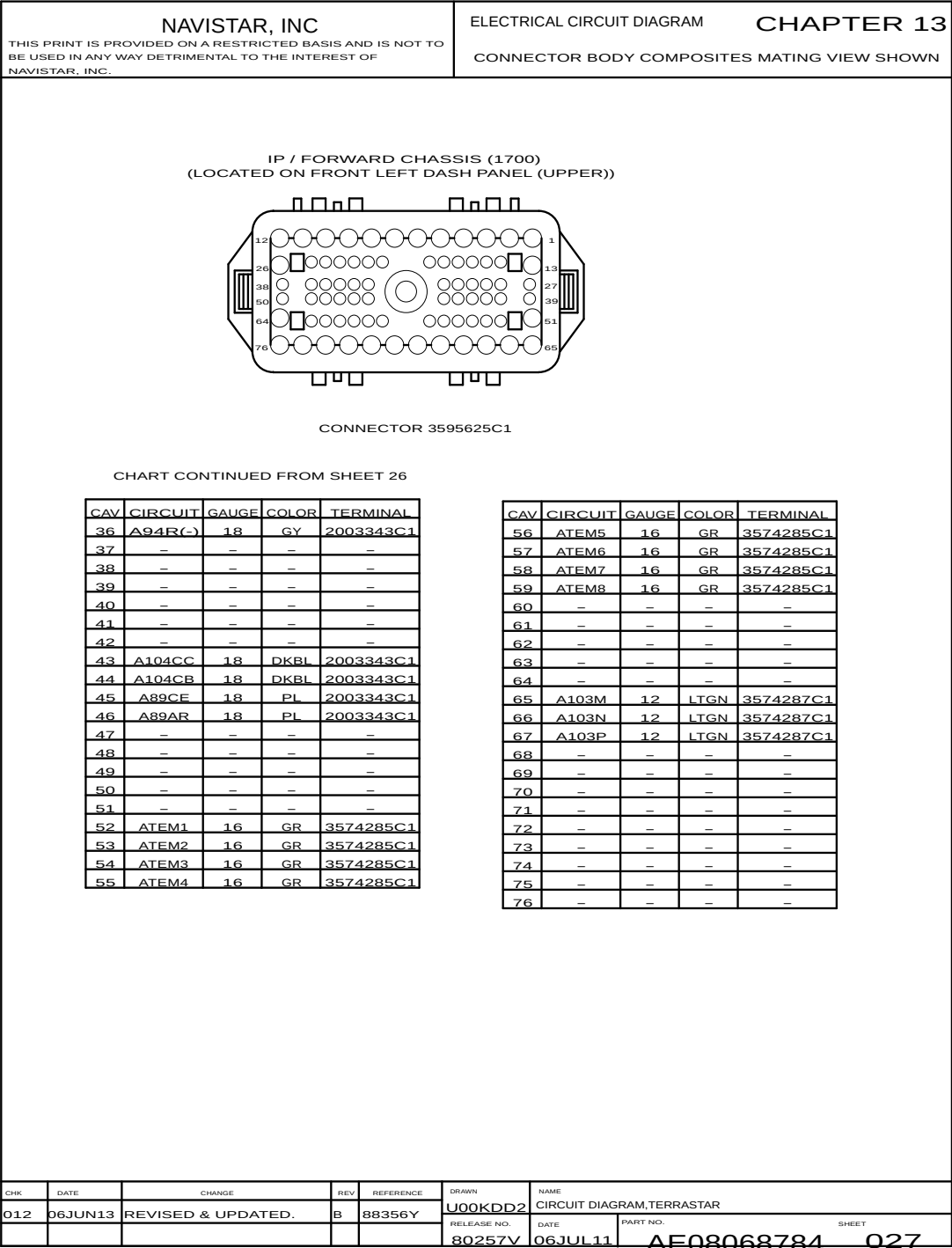


Figure 182 Connector Body Composites (1700)

13.30. CONNECTOR BODY COMPOSITES (1701), P. 28

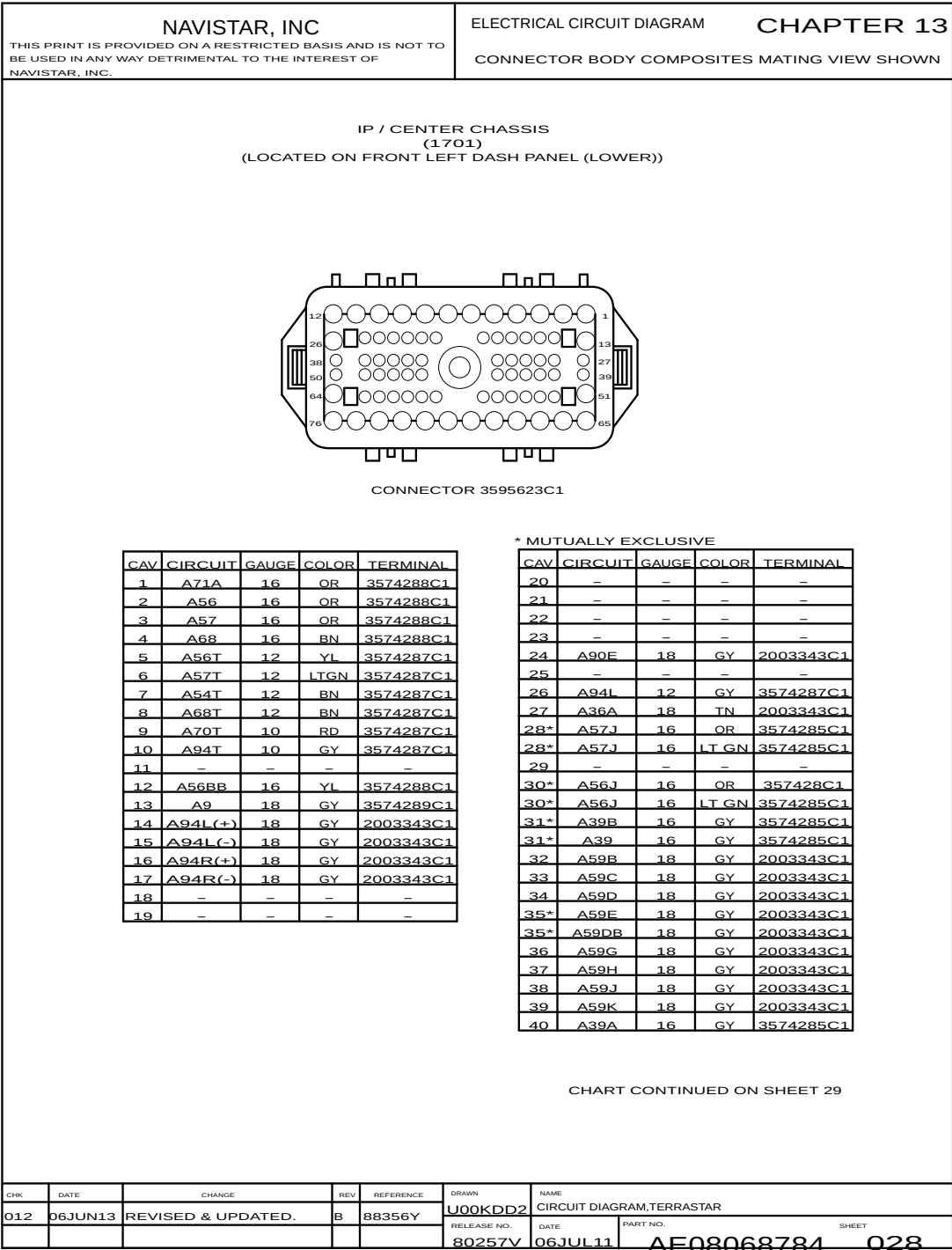


Figure 183 Connector Body Composites (1701)

13.31. CONNECTOR BODY COMPOSITES (1701), P. 29

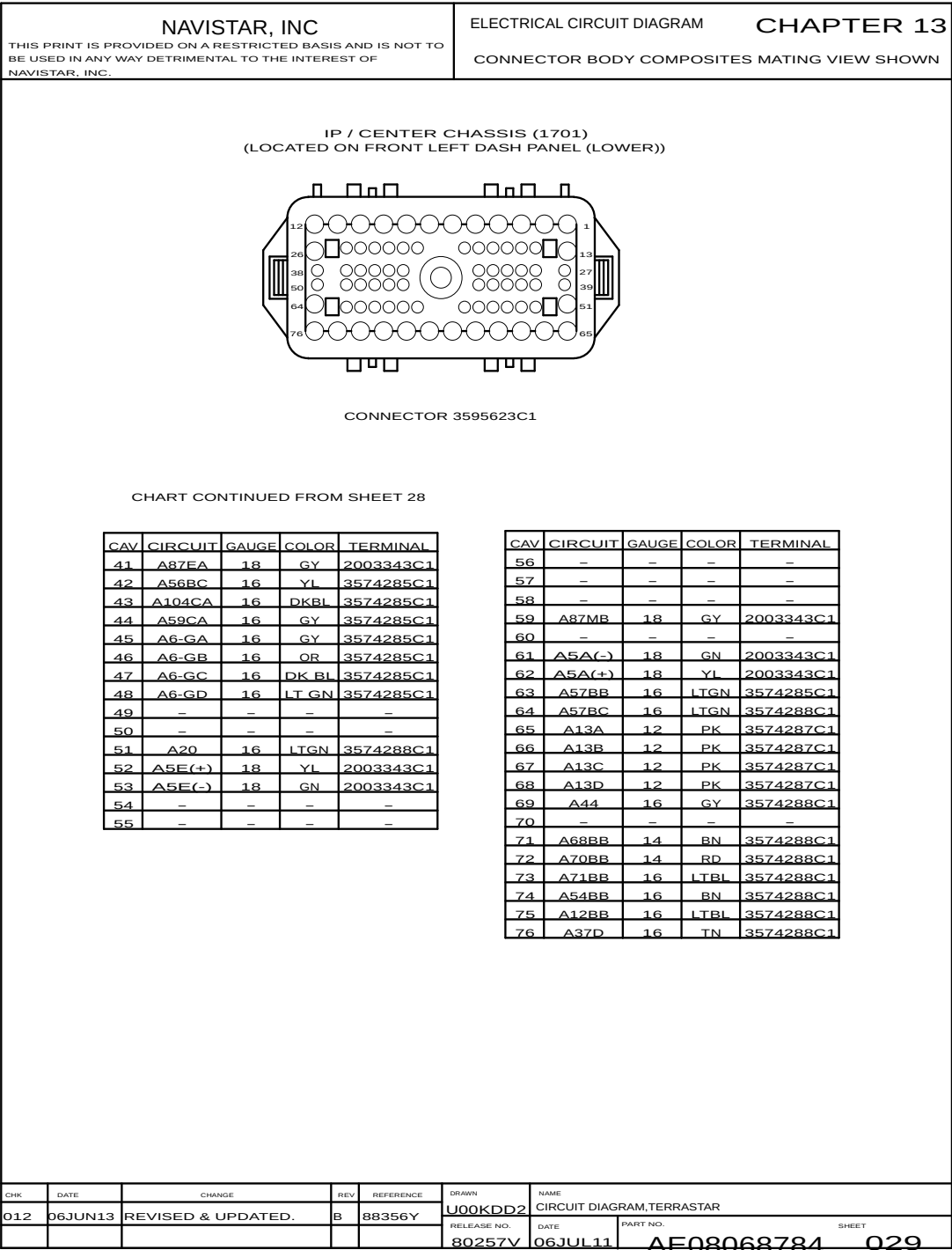


Figure 184 Connector Body Composites (1701)

13.32. CONNECTOR BODY COMPOSITES (1701F), P. 30

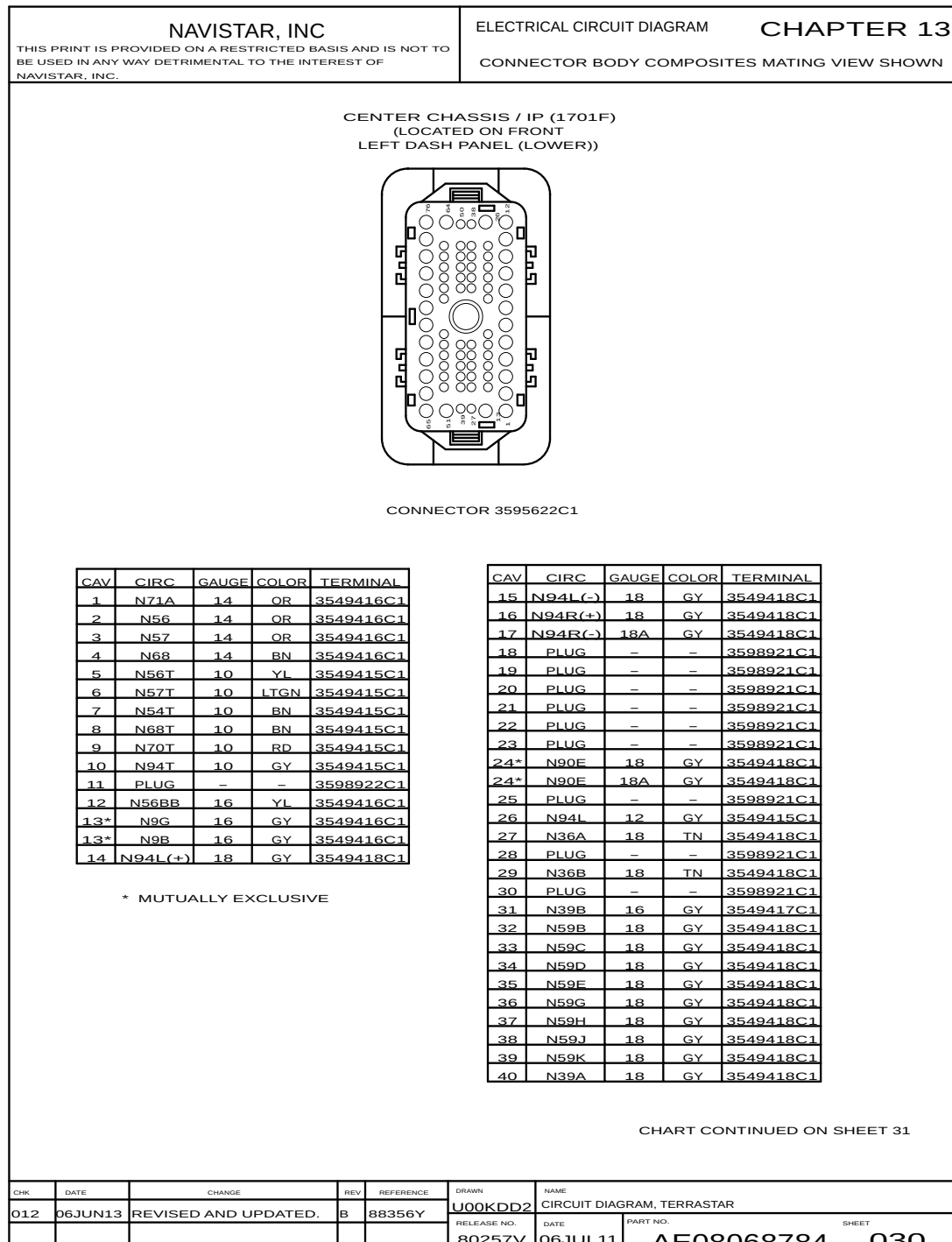


Figure 185 Connector Body Composites (1701F)

13.33. CONNECTOR BODY COMPOSITES (1701F), P. 31

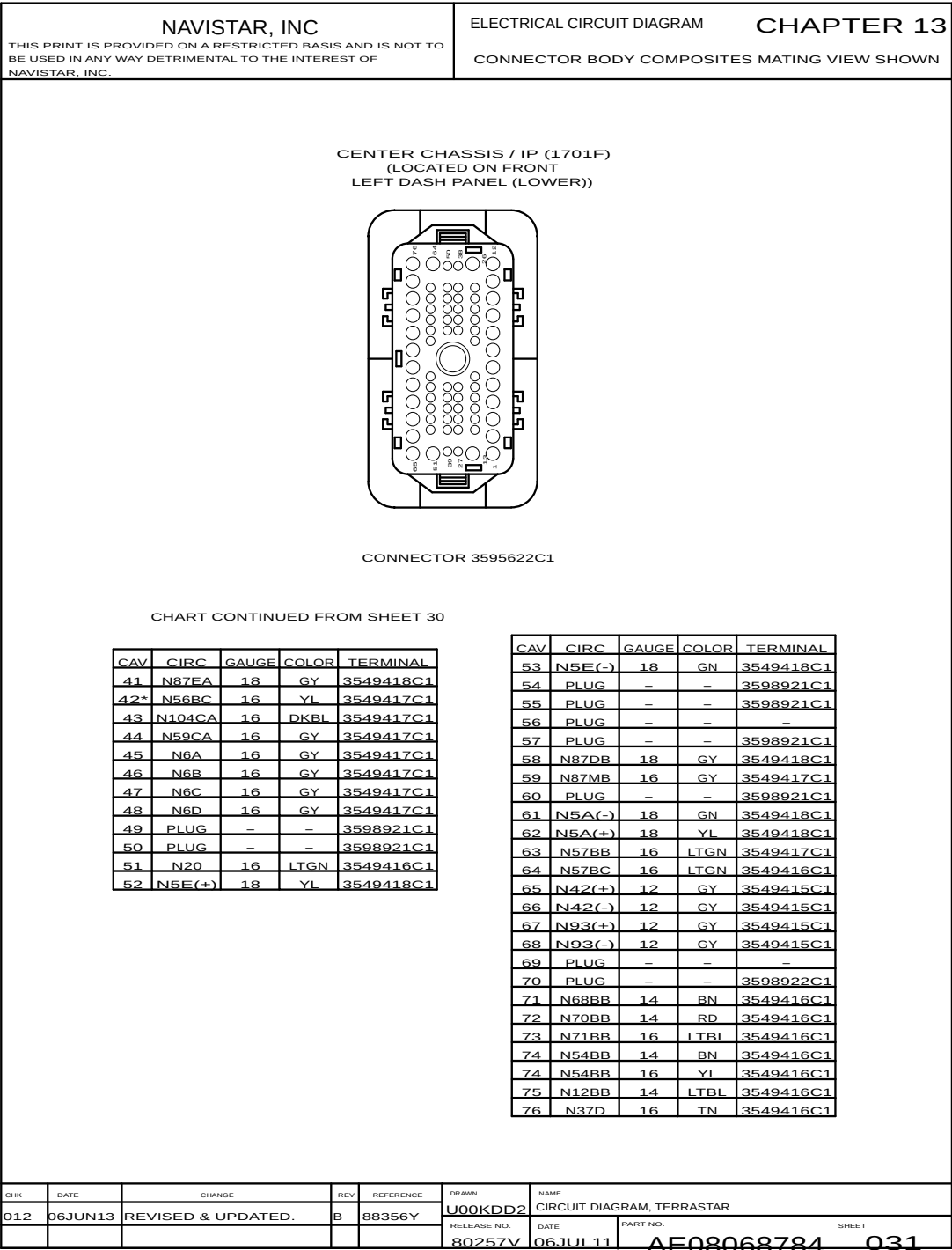


Figure 186 Connector Body Composites (1701F)

13.34. CONNECTOR BODY COMPOSITES (1702), P. 32

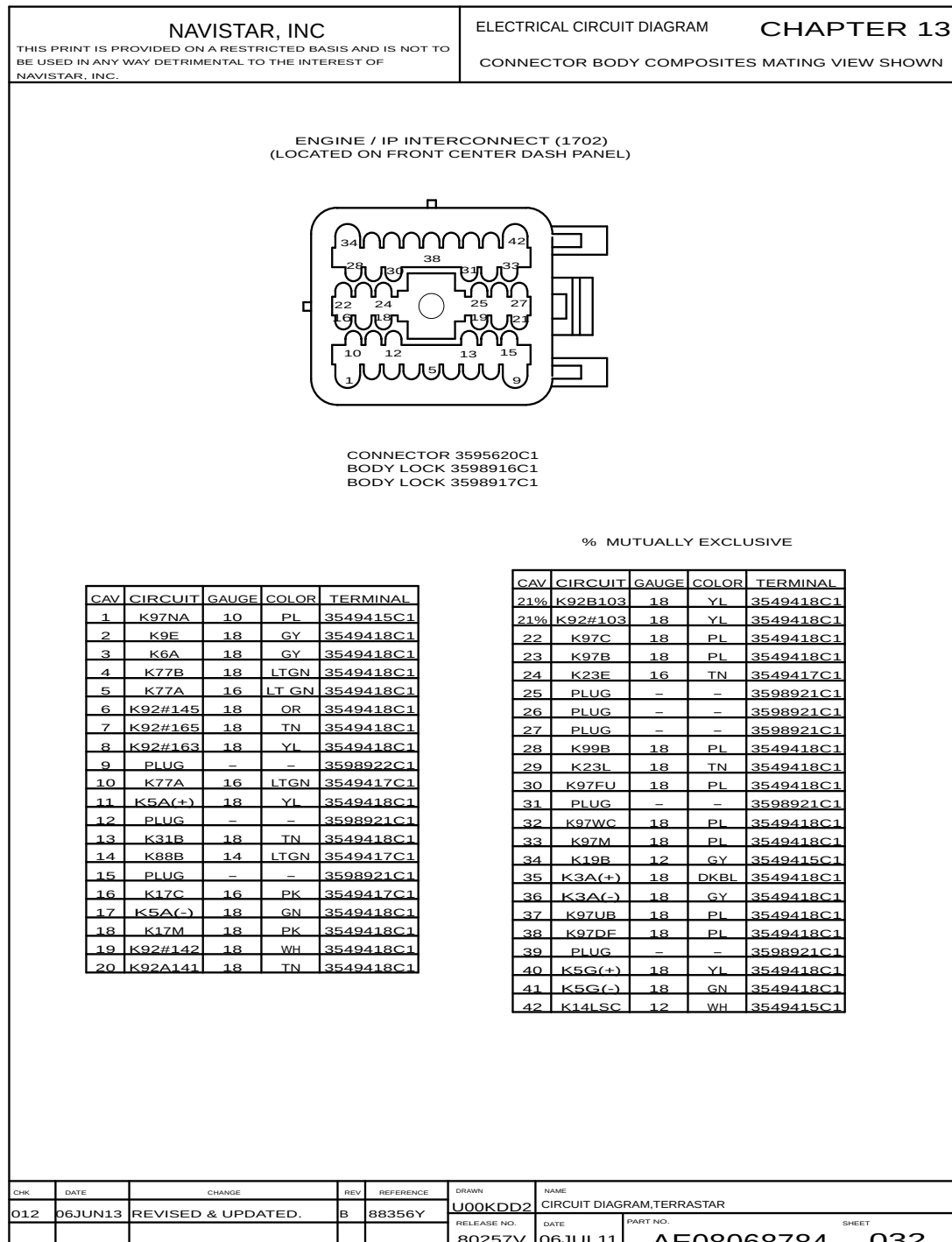


Figure 187 Connector Body Composites (1702)

13.35. CONNECTOR BODY COMPOSITES (1702), P. 33

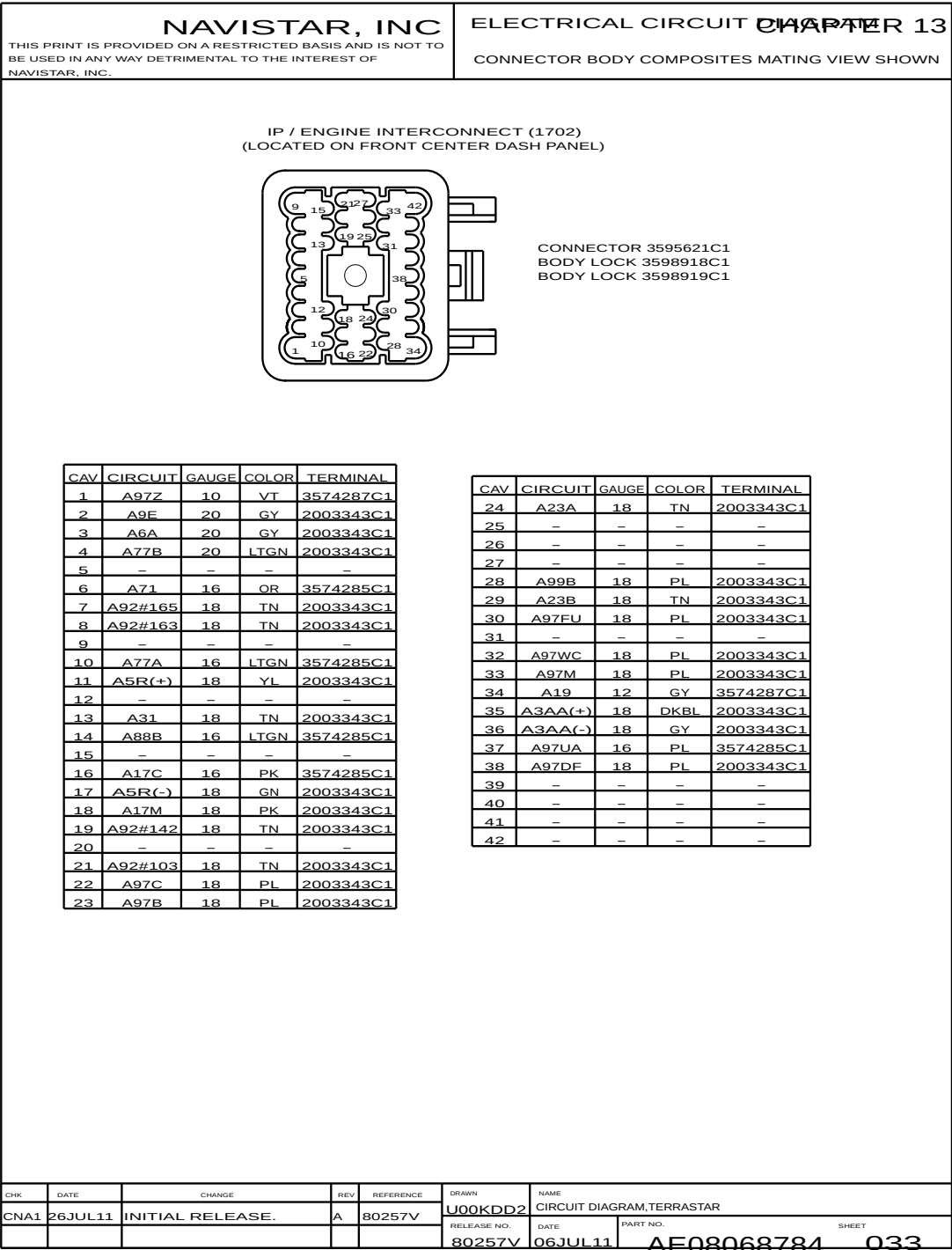


Figure 188 Connector Body Composites (1702)

13.36. CONNECTOR BODY COMPOSITES (1800 / 1800F), P. 34

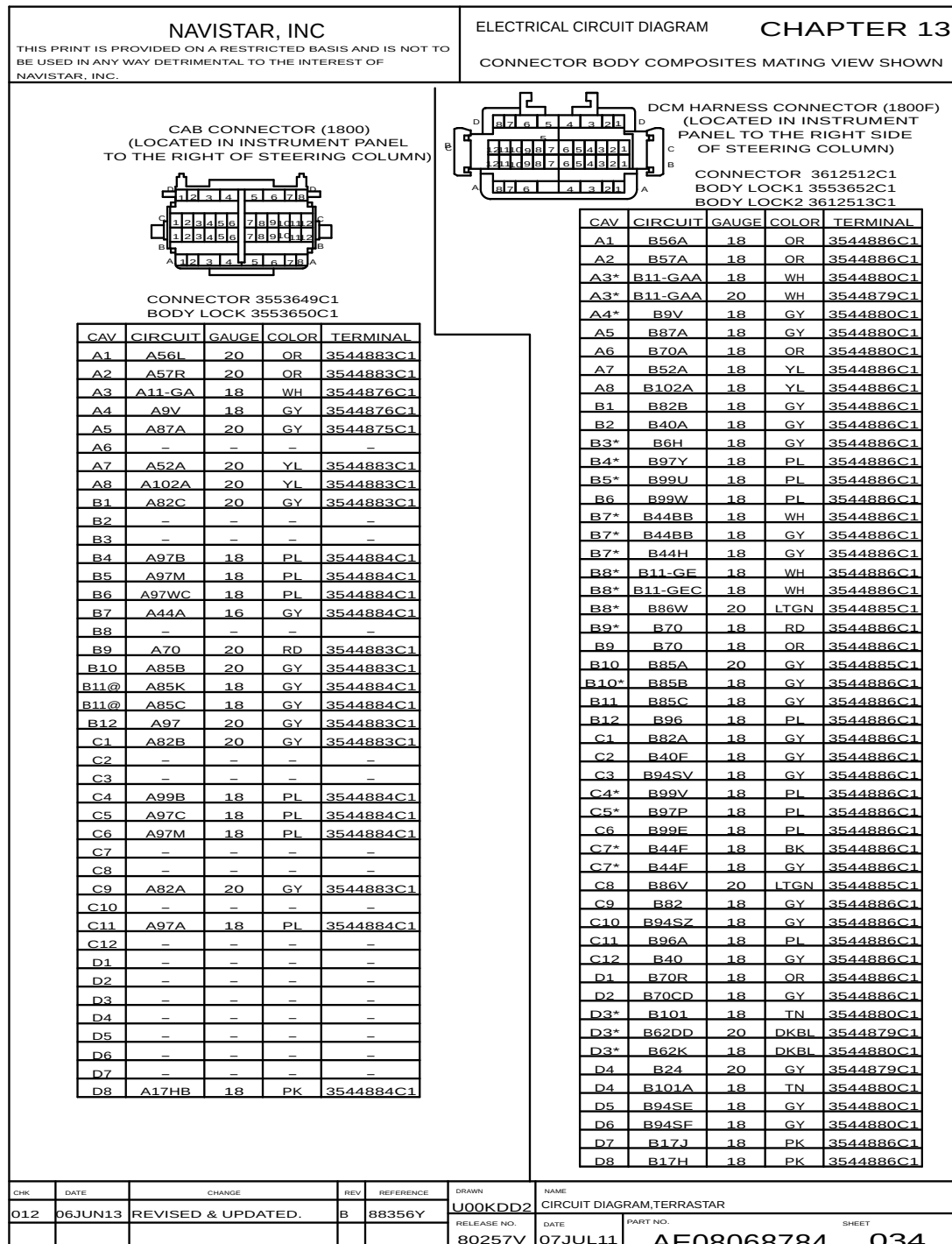


Figure 189 Connector Body Composites (1800 / 1800F)

13.37. CONNECTOR BODY COMPOSITES (1800FA / 1804 / 1807 / 1809 / 1810), P. 35

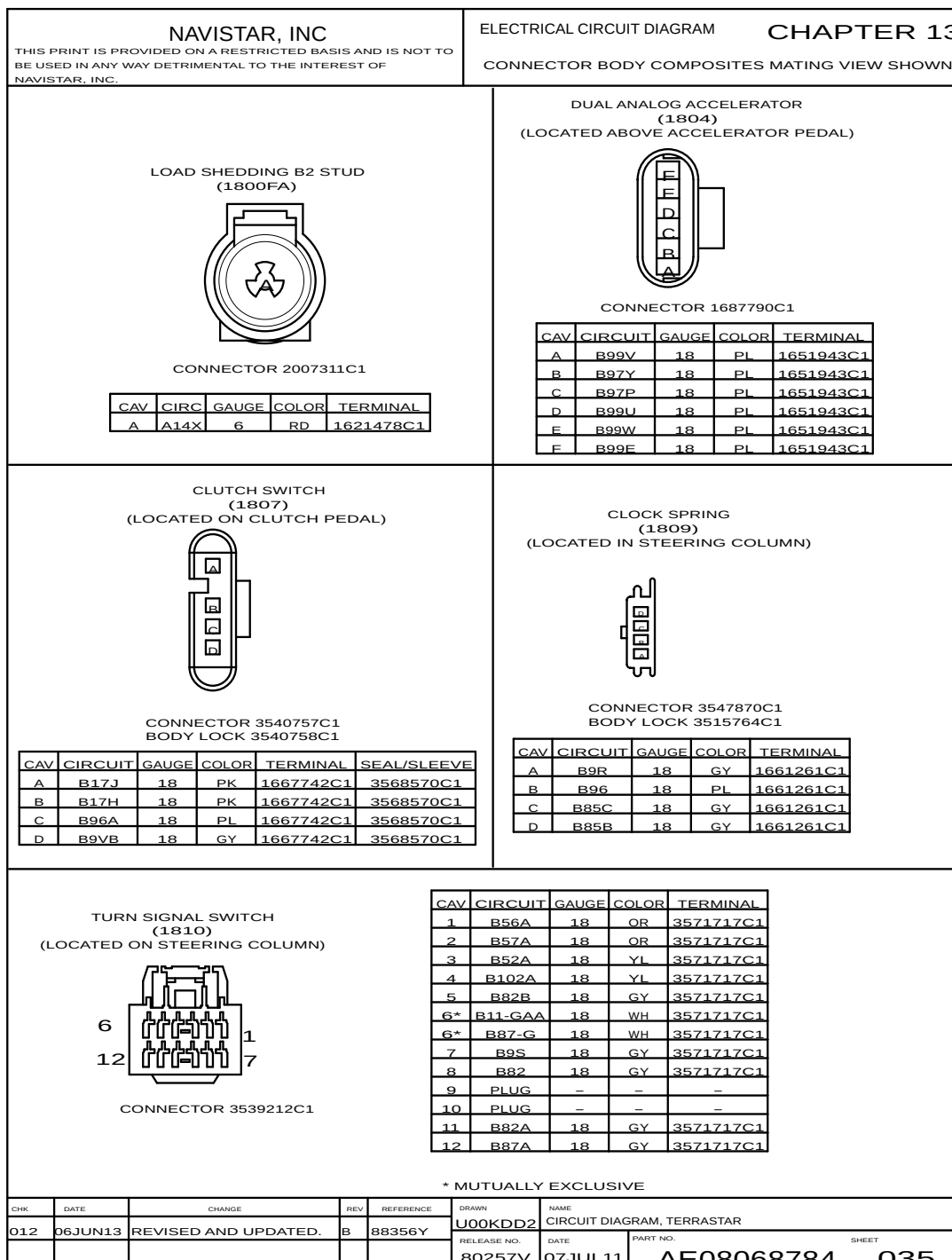


Figure 190 Connector Body Composites (1800FA / 1804 / 1807 / 1809 / 1810)

13.38. CONNECTOR BODY COMPOSITES (1814A / 1814B / 1815 / 1815A / 1828 / 1861 / 1872 / 1873), P. 36

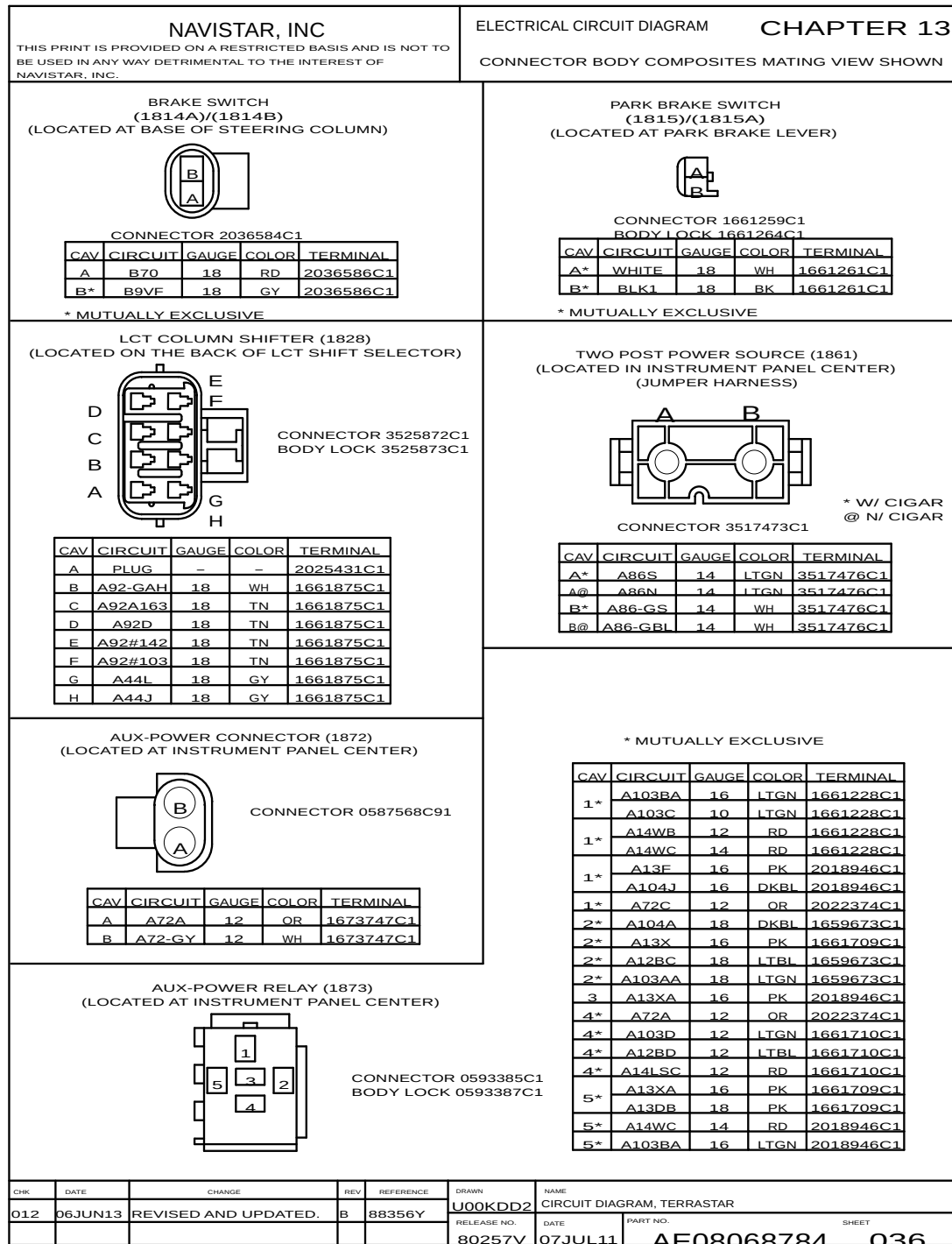


Figure 191 Connector Body Composites (1814A / 1814B / 1815 / 1815A / 1828 / 1861 / 1872 / 1873)

13.39. CONNECTOR BODY COMPOSITES (1873W / 1873X / 1873Y / 1873Z / 1900 / 1936M), P. 36A

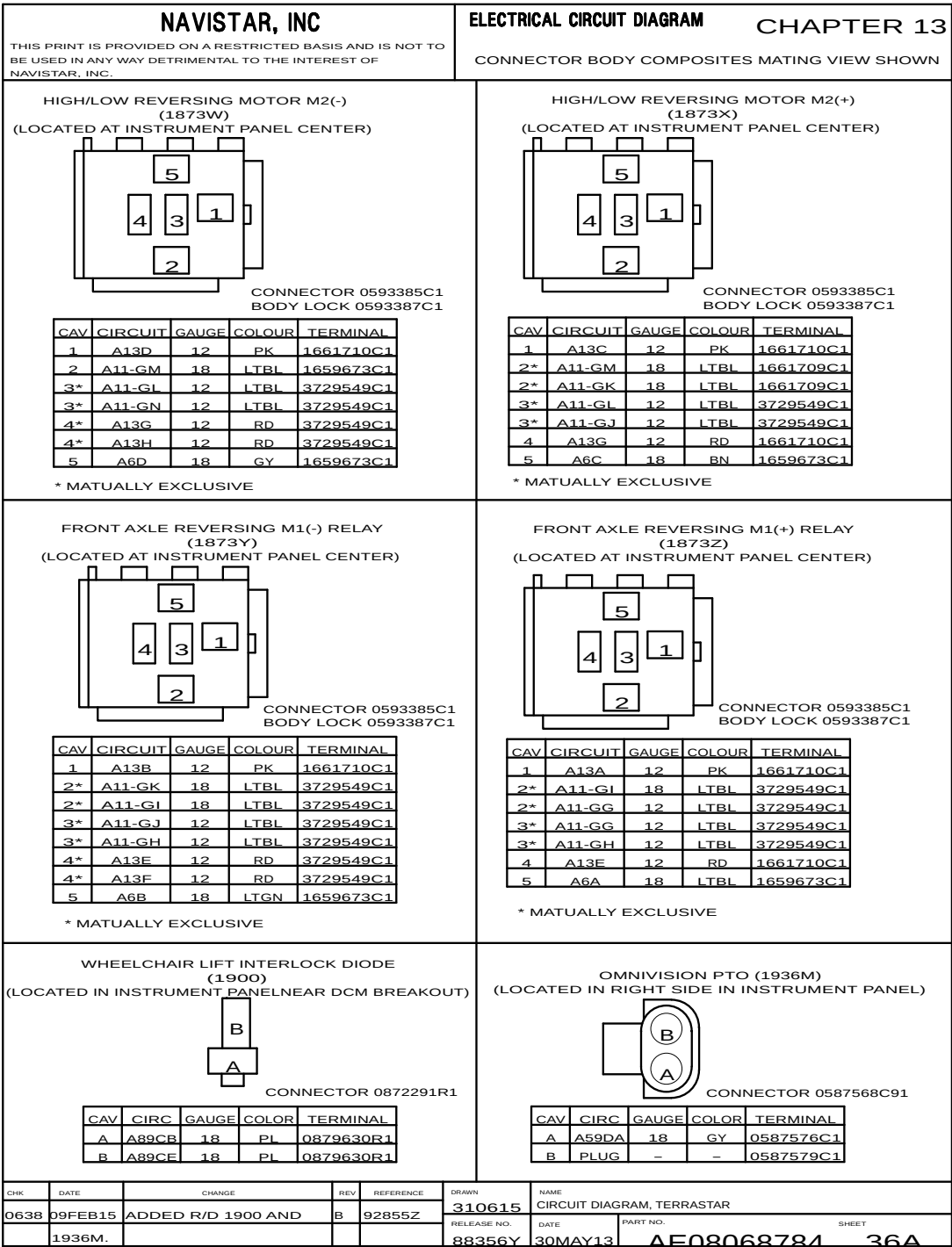


Figure 192 Connector Body Composites (1873W / 1873X / 1873Y / 1873Z / 1900 / 1936M)

13.40. CONNECTOR BODY COMPOSITES (1901 / 1912 / 1918 / 1927 / 1929 / 1935), P. 37

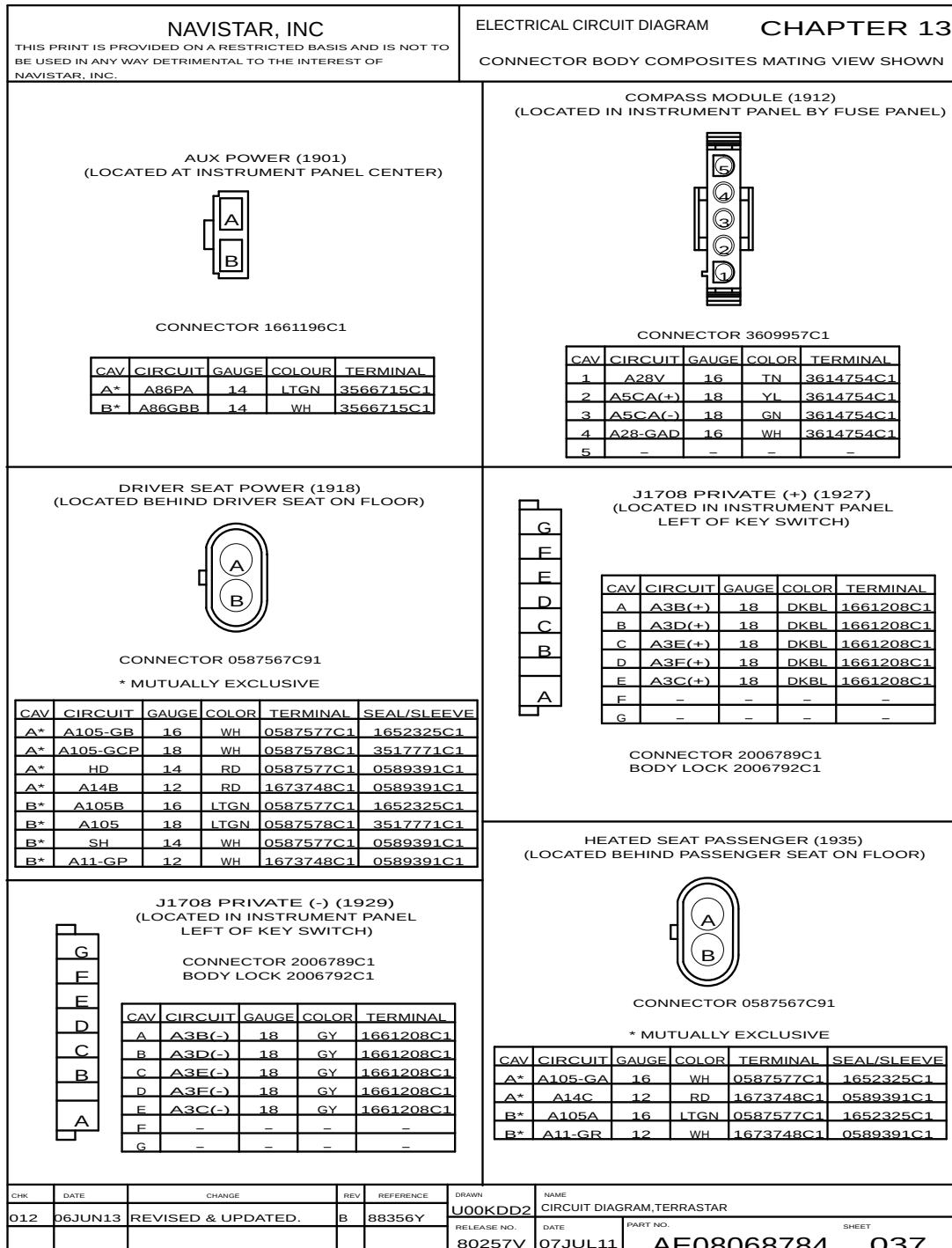


Figure 193 Connector Body Composites (1901 / 1912 / 1918 / 1927 / 1929 / 1935)

13.41. CONNECTOR BODY COMPOSITES (2000 / 2000F / 2002M / 2003M / 2004M / 2005M), P. 37A

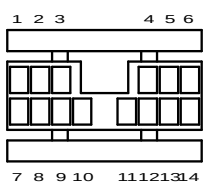
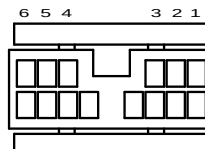
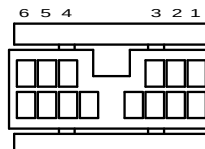
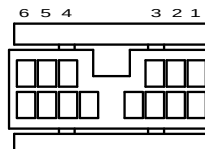
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Figure 194 Connector Body Composites (2000 / 2000F / 2002M / 2003M / 2004M / 2005M)

13.42. CONNECTOR BODY COMPOSITES (2006M / 2115M / 2116F / 2117F / 2021 / 2301M), P. 37B

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IP / AUX ROOF (2006M) (LOCATED IN INSTRUMENT PANEL RIGHT SIDE)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A58R</td><td>18</td><td>BN</td><td>1661261C1</td></tr><tr><td>B</td><td>A58-GJ</td><td>18</td><td>WH</td><td>1661261C1</td></tr></tbody></table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A58R	18	BN	1661261C1	B	A58-GJ	18	WH	1661261C1	IP / AUX ROOF (2115M) (LOCATED IN INSTRUMENT PANEL RIGHT SIDE)  CONNECTOR 1661889C1 BODY LOCK 1661890C1 <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A63K</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr><tr><td>A</td><td>A63M</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr><tr><td>B</td><td>A63-GH</td><td>18</td><td>WH</td><td>1661261C1</td></tr><tr><td>C</td><td>A63L</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr></tbody></table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A63K	18	DKBL	1661261C1	A	A63M	18	DKBL	1661261C1	B	A63-GH	18	WH	1661261C1	C	A63L	18	DKBL	1661261C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																							
A	A58R	18	BN	1661261C1																																																							
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B	A63-GH	18	WH	1661261C1																																																							
C	A63L	18	DKBL	1661261C1																																																							
IP / AUX ROOF (2116F) (LOCATED IN INSTRUMENT PANEL RIGHT SIDE)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A63P</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr><tr><td>B</td><td>A63-GJ</td><td>18</td><td>DKBL</td><td>1661261C1</td></tr></tbody></table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A63P	18	DKBL	1661261C1	B	A63-GJ	18	DKBL	1661261C1	IP / AUX ROOF (2117F) (LOCATED IN INSTRUMENT PANEL RIGHT SIDE)  CONNECTOR 1661259C1 BODY LOCK 1661263C1 <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A63R</td><td>18</td><td>DK BL</td><td>1661261C1</td></tr><tr><td>B</td><td>A63-GK</td><td>18</td><td>DK BL</td><td>1661261C1</td></tr></tbody></table>										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A63R	18	DK BL	1661261C1	B	A63-GK	18	DK BL	1661261C1										
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																							
A	A63P	18	DKBL	1661261C1																																																							
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A	A63R	18	DK BL	1661261C1																																																							
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IP / AUX ROOF (2021) (LOCATED IN INSTRUMENT PANEL RIGHT SIDE)  CONNECTOR 3554817C1 BODY LOCK 3554820C1 <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>*A</td><td>A12U</td><td>16</td><td>LTBL</td><td>3534165C1</td></tr><tr><td>@A</td><td>A58C</td><td>18</td><td>BN</td><td>3534164C1</td></tr><tr><td>*B</td><td>A12-GB</td><td>16</td><td>WH</td><td>3534165C1</td></tr><tr><td>@B</td><td>A58-GBM</td><td>18</td><td>WH</td><td>3534164C1</td></tr></tbody></table> * - W/ ROOF AUXILLARY LOAD @ - W/ AIR SHILD										CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	*A	A12U	16	LTBL	3534165C1	@A	A58C	18	BN	3534164C1	*B	A12-GB	16	WH	3534165C1	@B	A58-GBM	18	WH	3534164C1	RIGHT REAR SPEAKER (2301M) (LOCATED IN REAR PANEL)  CONNECTOR 3535769C1 BODY LOCK 1661263C1 <table border="1"><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>D86D</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr><tr><td>B</td><td>D86E</td><td>18</td><td>LT GN</td><td>1661261C1</td></tr></tbody></table>										CAV	CIRC	GAUGE	COLOR	TERMINAL	A	D86D	18	LT GN	1661261C1	B	D86E	18	LT GN	1661261C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																							
*A	A12U	16	LTBL	3534165C1																																																							
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A	D86D	18	LT GN	1661261C1																																																							
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																					
0638	09FEB15	REVISED AND REDRAWN.	B	92855Z	MJV0370	CIRCUIT DIAGRAM, TERRASTAR																																																					
					RELEASE NO.	DATE	PART NO.		SHEET																																																		
					92715R	18AUG14	AE08068784		37B																																																		

Figure 195 Connector Body Composites (2006M / 2115M / 2116F / 2117F / 2021 / 2301M)

13.43. CONNECTOR BODY COMPOSITES (2302M / 2304M / 2305M / 2502M), P. 37C

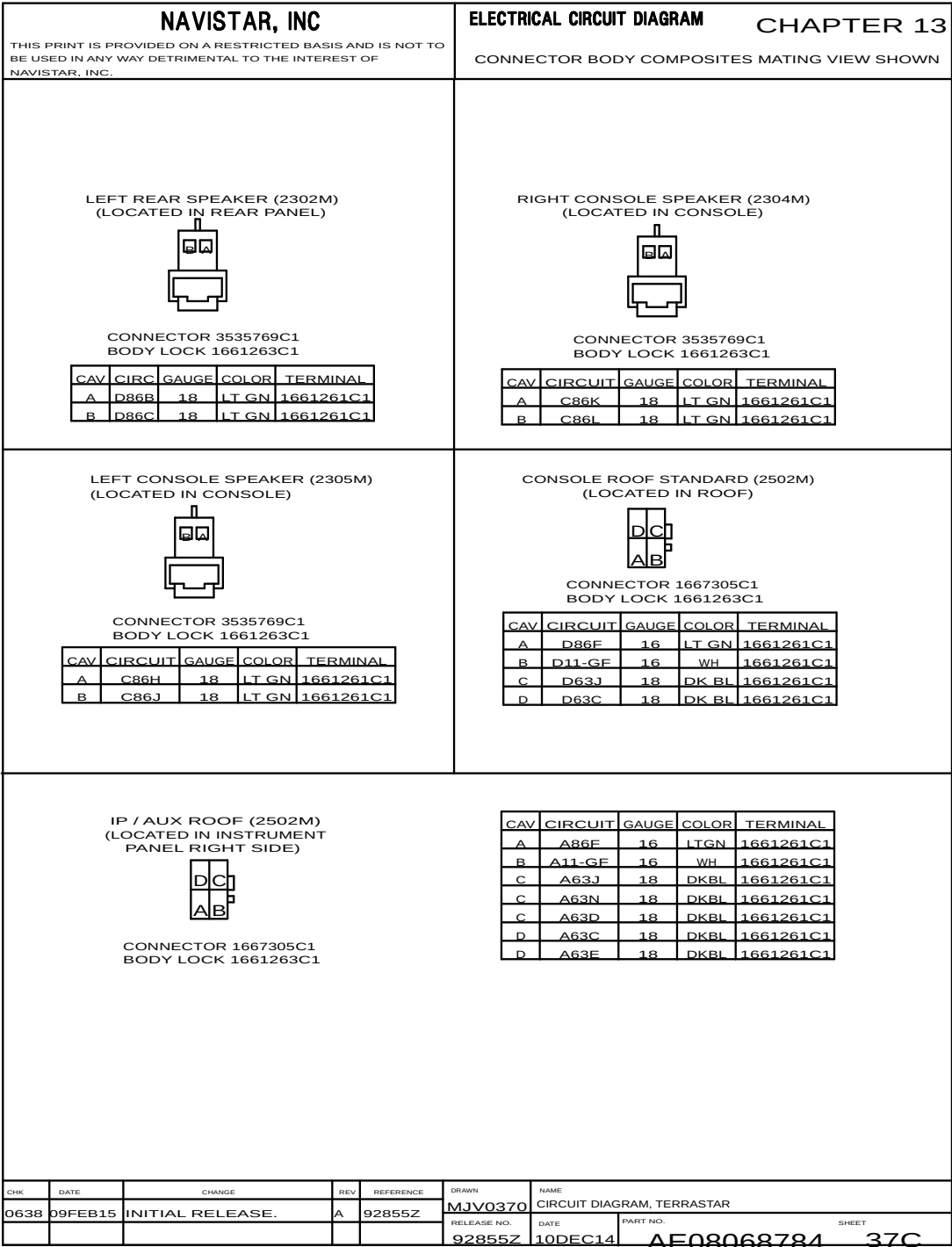


Figure 196 Connector Body Composites (2302M / 2304M / 2305M / 2502M)

13.44. CONNECTOR BODY COMPOSITES (2503 / 2600 / 2601M / 2602M), P. 38

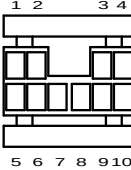
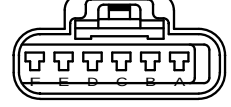
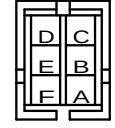
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																
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IP / PREMIUM ROOF (2503) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)  CONNECTOR 3544688C1 <table border="1"><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>-</td><td>-</td><td>-</td><td>-</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>-</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>A86L</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr><tr><td>6&</td><td>A86L</td><td>18</td><td>LTGN</td><td>3544692C1</td></tr><tr><td>7#</td><td>A86J</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr><tr><td>7&</td><td>A86J</td><td>18</td><td>LTGN</td><td>3544692C1</td></tr><tr><td>8#</td><td>A86H</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr><tr><td>8&</td><td>A86H</td><td>18</td><td>LTGN</td><td>3544692C1</td></tr><tr><td>9#</td><td>A86K</td><td>20</td><td>LTGN</td><td>3544692C1</td></tr><tr><td>9&</td><td>A86K</td><td>18</td><td>LTGN</td><td>3544692C1</td></tr><tr><td>10</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></tbody></table> # W/ 12 WAY W/ PREM TRIM & W/ 16 WAY W/ PREM TRIM					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	-	-	-	-	2	-	-	-	-	3	-	-	-	-	4	-	-	-	-	5	-	-	-	-	6#	A86L	20	LTGN	3544692C1	6&	A86L	18	LTGN	3544692C1	7#	A86J	20	LTGN	3544692C1	7&	A86J	18	LTGN	3544692C1	8#	A86H	20	LTGN	3544692C1	8&	A86H	18	LTGN	3544692C1	9#	A86K	20	LTGN	3544692C1	9&	A86K	18	LTGN	3544692C1	10	-	-	-	-	ROOF / IP CREW ROOF (2600) (LOCATED IN INSTRUMENT PANEL LEFT SIDE)  CONNECTOR 3550639C1 <table border="1"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A81C</td><td>12</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>B</td><td>A3F(+)</td><td>18</td><td>DKBL</td><td>3544876C1</td></tr><tr><td>C</td><td>A81D</td><td>12</td><td>LTGN</td><td>3544877C1</td></tr><tr><td>D</td><td>A81-GB</td><td>12</td><td>WH</td><td>3544877C1</td></tr><tr><td>E</td><td>A3F(-)</td><td>18</td><td>GY</td><td>3544876C1</td></tr><tr><td>F</td><td>A81-GC</td><td>12</td><td>WH</td><td>3544877C1</td></tr></tbody></table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A81C	12	LTGN	3544877C1	B	A3F(+)	18	DKBL	3544876C1	C	A81D	12	LTGN	3544877C1	D	A81-GB	12	WH	3544877C1	E	A3F(-)	18	GY	3544876C1	F	A81-GC	12	WH	3544877C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																																																																																			
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7#	A86J	20	LTGN	3544692C1																																																																																																																			
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F	A81-GC	12	WH	3544877C1																																																																																																																			
LEFT CREW DOOR POD (2601M) (LOCATED IN DOOR)  CONNECTOR 1661200C1 <table border="1"><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>D3B(+)</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr><tr><td>B</td><td>D3AA(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>C</td><td>D81C</td><td>12</td><td>LT GN</td><td>3566715C1</td></tr><tr><td>D</td><td>D81-GF</td><td>12</td><td>WH</td><td>3566715C1</td></tr><tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr><tr><td>F</td><td>D81-GG</td><td>18</td><td>WH</td><td>1661208C1</td></tr></tbody></table>					CAV	CIRC	GAUGE	COLOR	TERMINAL	A	D3B(+)	18	DK BL	1661208C1	B	D3AA(-)	18	GY	1661208C1	C	D81C	12	LT GN	3566715C1	D	D81-GF	12	WH	3566715C1	E	PLUG	-	-	-	F	D81-GG	18	WH	1661208C1	RIGHT CREW DOOR POD (2602M) (LOCATED IN DOOR)  CONNECTOR 1661200C1 <table border="1"><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>D3BB(+)</td><td>18</td><td>DK BL</td><td>1661208C1</td></tr><tr><td>B</td><td>D3CC(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>C</td><td>D81D</td><td>12</td><td>LT GN</td><td>3566715C1</td></tr><tr><td>D</td><td>D81-GD</td><td>12</td><td>WH</td><td>3566715C1</td></tr><tr><td>E</td><td>D81-GE</td><td>18</td><td>WH</td><td>1661208C1</td></tr><tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr></tbody></table>					CAV	CIRC	GAUGE	COLOR	TERMINAL	A	D3BB(+)	18	DK BL	1661208C1	B	D3CC(-)	18	GY	1661208C1	C	D81D	12	LT GN	3566715C1	D	D81-GD	12	WH	3566715C1	E	D81-GE	18	WH	1661208C1	F	PLUG	-	-	-																																								
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Figure 197 Connector Body Composites (2503 / 2600 / 2601M / 2602M)

13.45. CONNECTOR BODY COMPOSITES (3000 / 3001 / 3003 / 3100M / 3200), P. 39

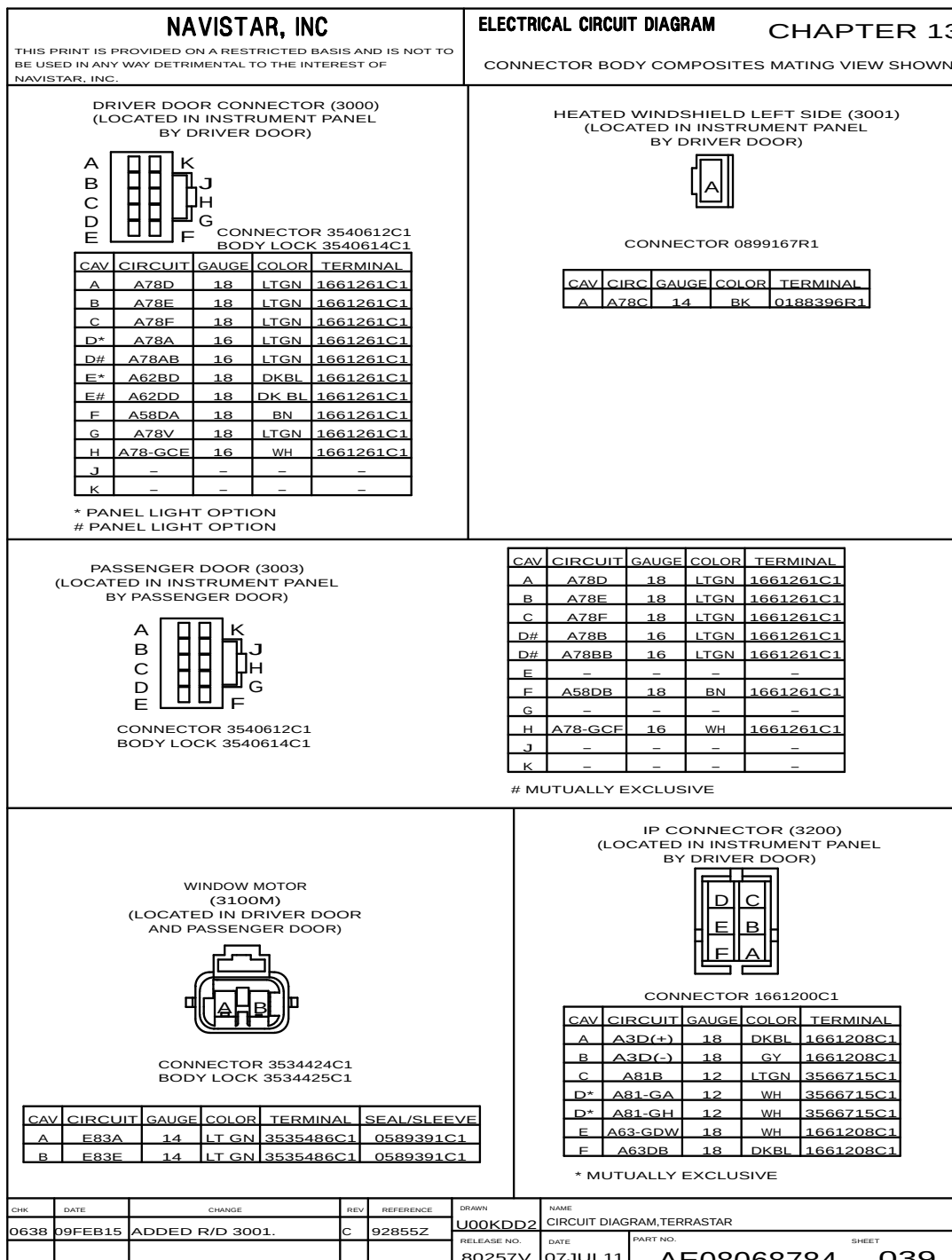


Figure 198 Connector Body Composites (3000 / 3001 / 3003 / 3100M / 3200)

13.46. CONNECTOR BODY COMPOSITES (3201M / 3202M / 3203M / 3205M / 3206 / 3209M), P. 39A

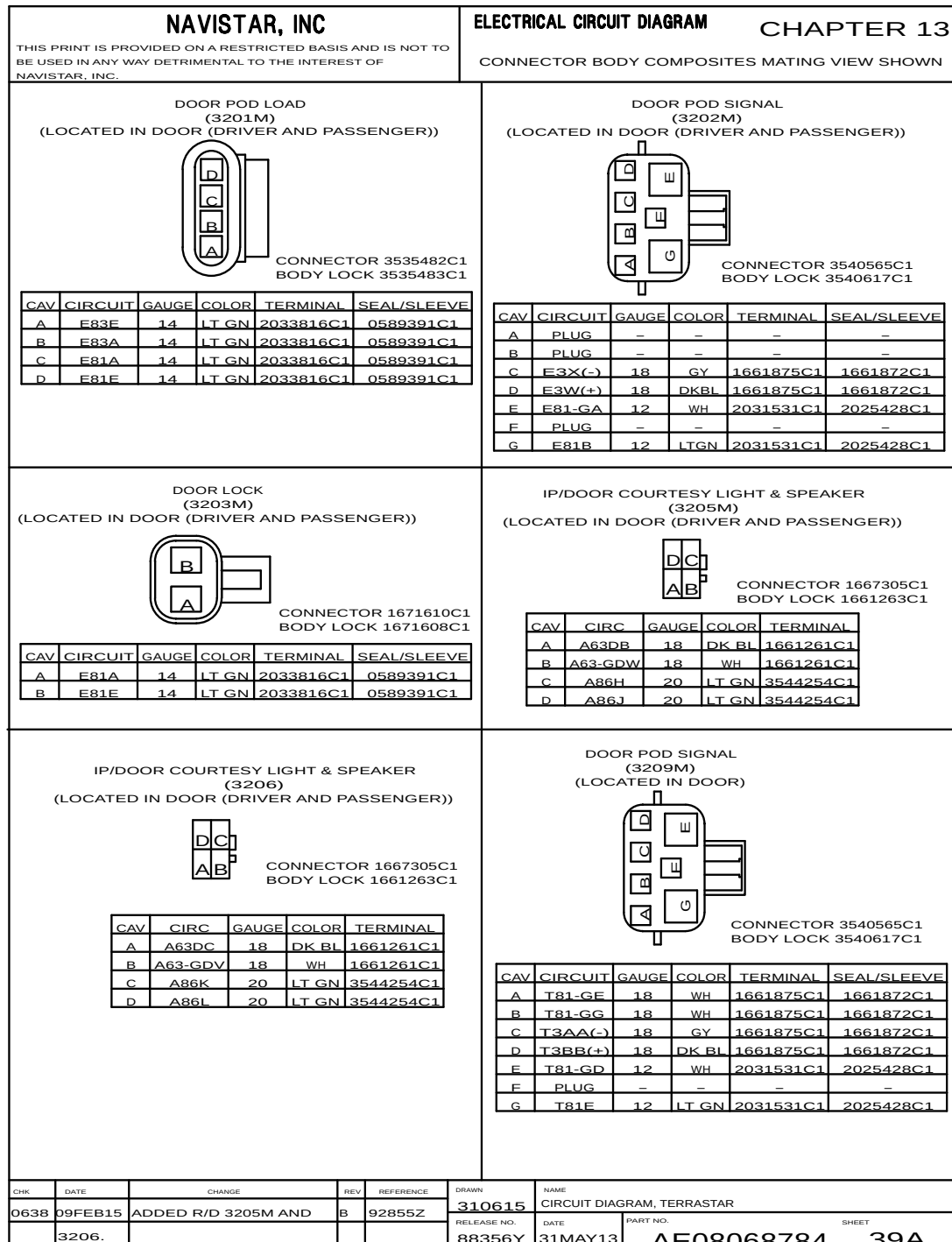


Figure 199 Connector Body Composites (3201M / 3202M / 3203M / 3205M / 3206 / 3209M)

13.47. CONNECTOR BODY COMPOSITES (3204 / 4000 / 4001 / 4004 / 4031 / 4032), P. 40

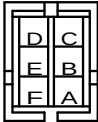
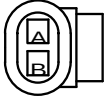
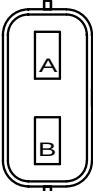
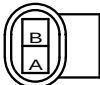
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																						
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DOOR / IP DOOR POD (3204) (LOCATED IN INSTRUMENT PANEL BY PASSENGER DOOR)  CONNECTOR 1661200C1 <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A3E(+)</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr><tr><td>B</td><td>A3E(-)</td><td>18</td><td>GY</td><td>1661208C1</td></tr><tr><td>C</td><td>A81A</td><td>12</td><td>LTGN</td><td>3566715C1</td></tr><tr><td>D</td><td>A81-G</td><td>12</td><td>WH</td><td>3566715C1</td></tr><tr><td>E</td><td>A63-GDV</td><td>18</td><td>WH</td><td>1661208C1</td></tr><tr><td>F</td><td>A63DC</td><td>18</td><td>DKBL</td><td>1661208C1</td></tr></tbody></table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A3E(+)	18	DKBL	1661208C1	B	A3E(-)	18	GY	1661208C1	C	A81A	12	LTGN	3566715C1	D	A81-G	12	WH	3566715C1	E	A63-GDV	18	WH	1661208C1	F	A63DC	18	DKBL	1661208C1	AMBIENT AIR TEMP SENSOR (4000)  CONNECTOR 3522068C1 <table border="1" style="width: 100%; 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>N41</td><td>18</td><td>LT</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>N110AD</td><td>18</td><td>LT</td><td>1661875C1</td><td>1661872C1</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	N41	18	LT	1661875C1	1661872C1	B	N110AD	18	LT	1661875C1	1661872C1
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																									
A	A3E(+)	18	DKBL	1661208C1																																																									
B	A3E(-)	18	GY	1661208C1																																																									
C	A81A	12	LTGN	3566715C1																																																									
D	A81-G	12	WH	3566715C1																																																									
E	A63-GDV	18	WH	1661208C1																																																									
F	A63DC	18	DKBL	1661208C1																																																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																								
A	N41	18	LT	1661875C1	1661872C1																																																								
B	N110AD	18	LT	1661875C1	1661872C1																																																								
CENTER / FORWARD INTERCONNECTOR (4001)  CONNECTOR 1684261C1 <table border="1" style="width: 100%; border-collapse: collapse;"><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>N41</td><td>18</td><td>LT</td><td>1680205C1</td></tr><tr><td>2</td><td>N110AD</td><td>18</td><td>LT</td><td>1680205C1</td></tr></tbody></table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	1	N41	18	LT	1680205C1	2	N110AD	18	LT	1680205C1	MAXI FUSE HOLDER (4004)  * MUTUALLY EXCLUSIVE & W/ 40A AUX CIRCUIT # W/ 30A AUX CIRCUIT CONNECTOR 3525613C1 <table border="1" style="width: 100%; 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>M14L</td><td>10</td><td>RD</td><td>3515526C1</td><td>3515525C1</td></tr><tr><td>A*</td><td>M14L</td><td>12</td><td>RD</td><td>3614762C1</td><td>3541256C1</td></tr><tr><td>B&</td><td>M103C</td><td>12</td><td>LTGN</td><td>3614762C1</td><td>3541256C1</td></tr><tr><td>B#</td><td>M14WB</td><td>12</td><td>RD</td><td>3614762C1</td><td>3541256C1</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A*	M14L	10	RD	3515526C1	3515525C1	A*	M14L	12	RD	3614762C1	3541256C1	B&	M103C	12	LTGN	3614762C1	3541256C1	B#	M14WB	12	RD	3614762C1	3541256C1								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																									
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2	N110AD	18	LT	1680205C1																																																									
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A*	M14L	12	RD	3614762C1	3541256C1																																																								
B&	M103C	12	LTGN	3614762C1	3541256C1																																																								
B#	M14WB	12	RD	3614762C1	3541256C1																																																								
HYDROMAX FLOW SWITCH (4031) (LOCATED ON HYDROMAX UNIT ON LEFT SIDE OF DASH)  CONNECTOR 2036584C1 <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A90CA</td><td>16</td><td>GY</td><td>2036586C1</td></tr><tr><td>B</td><td>A90-G</td><td>16</td><td>WH</td><td>2036586C1</td></tr></tbody></table>					CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A90CA	16	GY	2036586C1	B	A90-G	16	WH	2036586C1	HYDROMAX DIFFERENTIAL PRESSURE SWITCH (4032) (LOCATED ON HYDROMAX UNIT ON LEFT SIDE OF DASH)  CONNECTOR 3518873C91 <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>CAV</th><th>CIRCUIT</th><th>GAUGE</th><th>COLOR</th><th>TERMINAL</th></tr></thead><tbody><tr><td>A</td><td>A90C</td><td>16</td><td>GY</td><td>ASSY</td></tr><tr><td>B</td><td>A90B</td><td>16</td><td>GY</td><td>ASSY</td></tr></tbody></table>				CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	A	A90C	16	GY	ASSY	B	A90B	16	GY	ASSY																							
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																									
A	A90CA	16	GY	2036586C1																																																									
B	A90-G	16	WH	2036586C1																																																									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL																																																									
A	A90C	16	GY	ASSY																																																									
B	A90B	16	GY	ASSY																																																									
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																							
012	06JUN13	REVISED AND UPDATED.	B	88356Y	U00KDD2	CIRCUIT DIAGRAM, TERRASTAR																																																							
					RELEASE NO.	DATE	PART NO.	SHEET																																																					
					80257V	07JUL11	AE08068784	040																																																					

Figure 200 Connector Body Composites (3204 / 4000 / 4001 / 4004 / 4031 / 4032)

13.48. CONNECTOR BODY COMPOSITES (4033 / 4040 / 4041 / 4060 / 4087), P. 40A

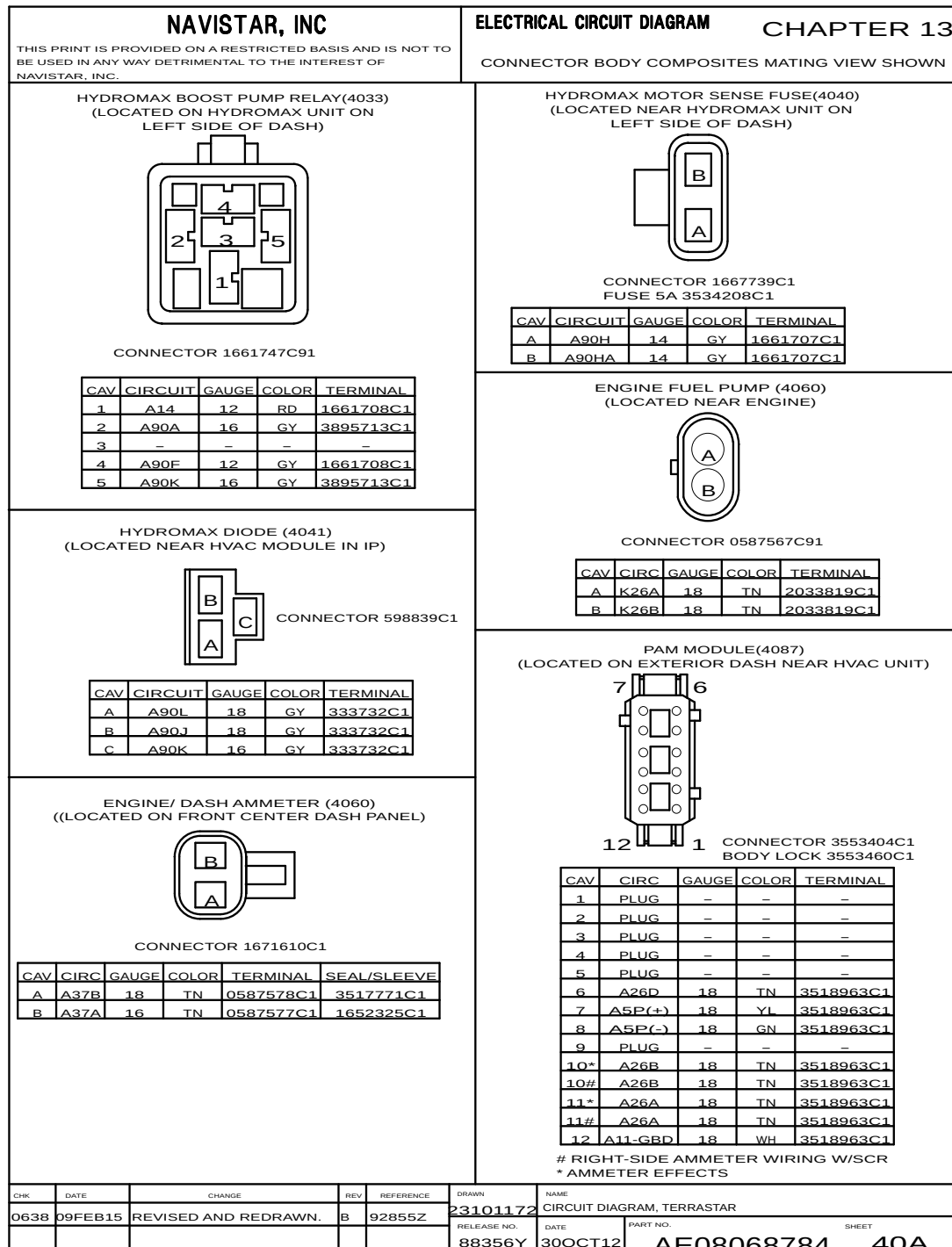


Figure 201 Connector Body Composites (4033 / 4040 / 4041 / 4060 / 4087)

13.49. CONNECTOR BODY COMPOSITES (4410A / 4410B / 4410D / 4411F / 4411M / 4412F), P. 40B

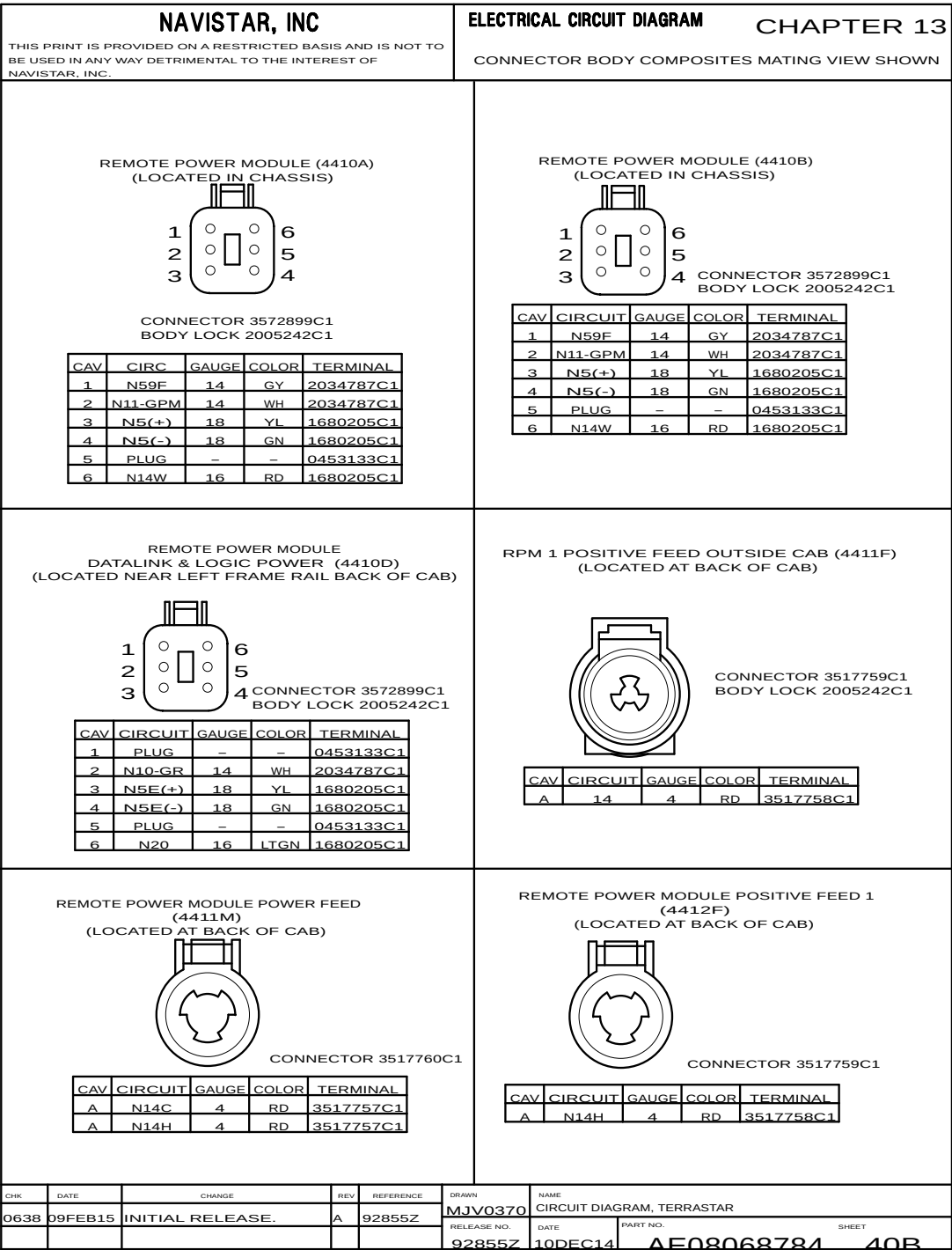
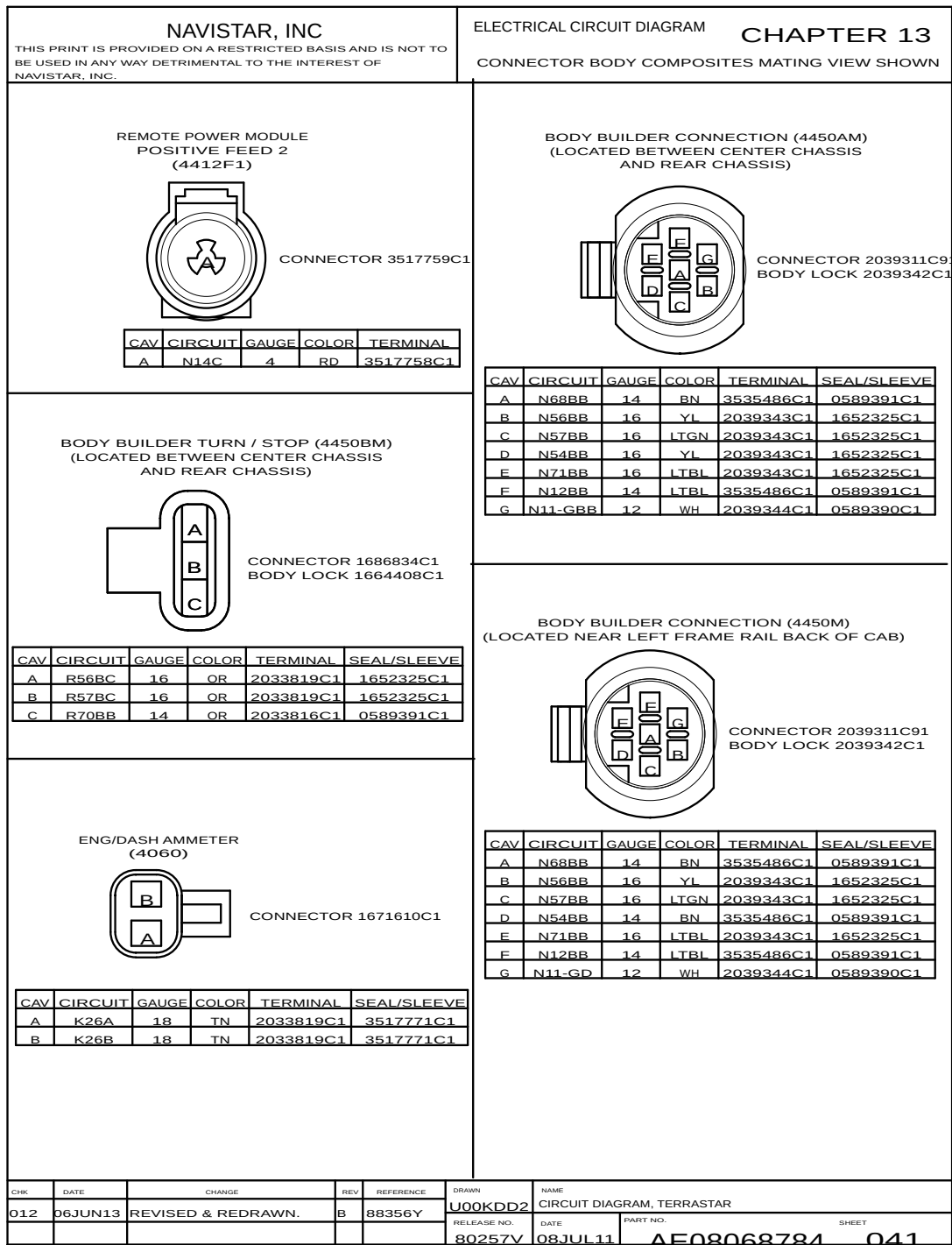
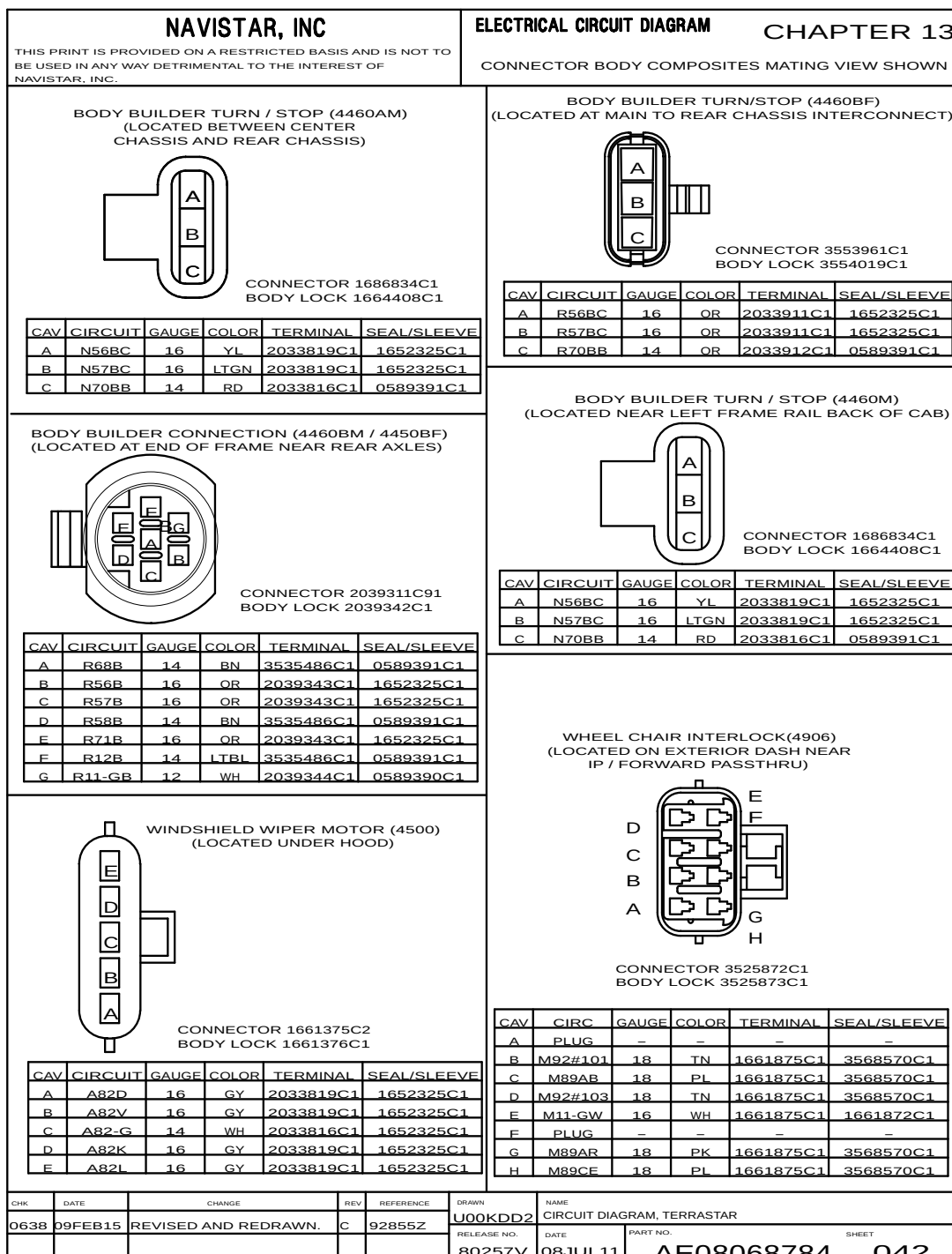


Figure 202 Connector Body Composites (4410A / 4410B / 4410D / 4411F / 4411M / 4412F)

**13.50. CONNECTOR BODY COMPOSITES (4412F1 / 4450AM / 4450BM / 4450M / 4060),
P. 41****Figure 203 Connector Body Composites (4412F1 / 4450AM / 4450BM / 4450M / 4060)**

13.51. CONNECTOR BODY COMPOSITES (4460AM / 4460BF / 4460BM / 4450BF / 4460M / 4500 / 4906), P. 42**Figure 204 Connector Body Composites (4460AM / 4460BF / 4460BM / 4450BF / 4460M / 4500 / 4906)**

13.52. CONNECTOR BODY COMPOSITES (6011 / 6020M), P. 43

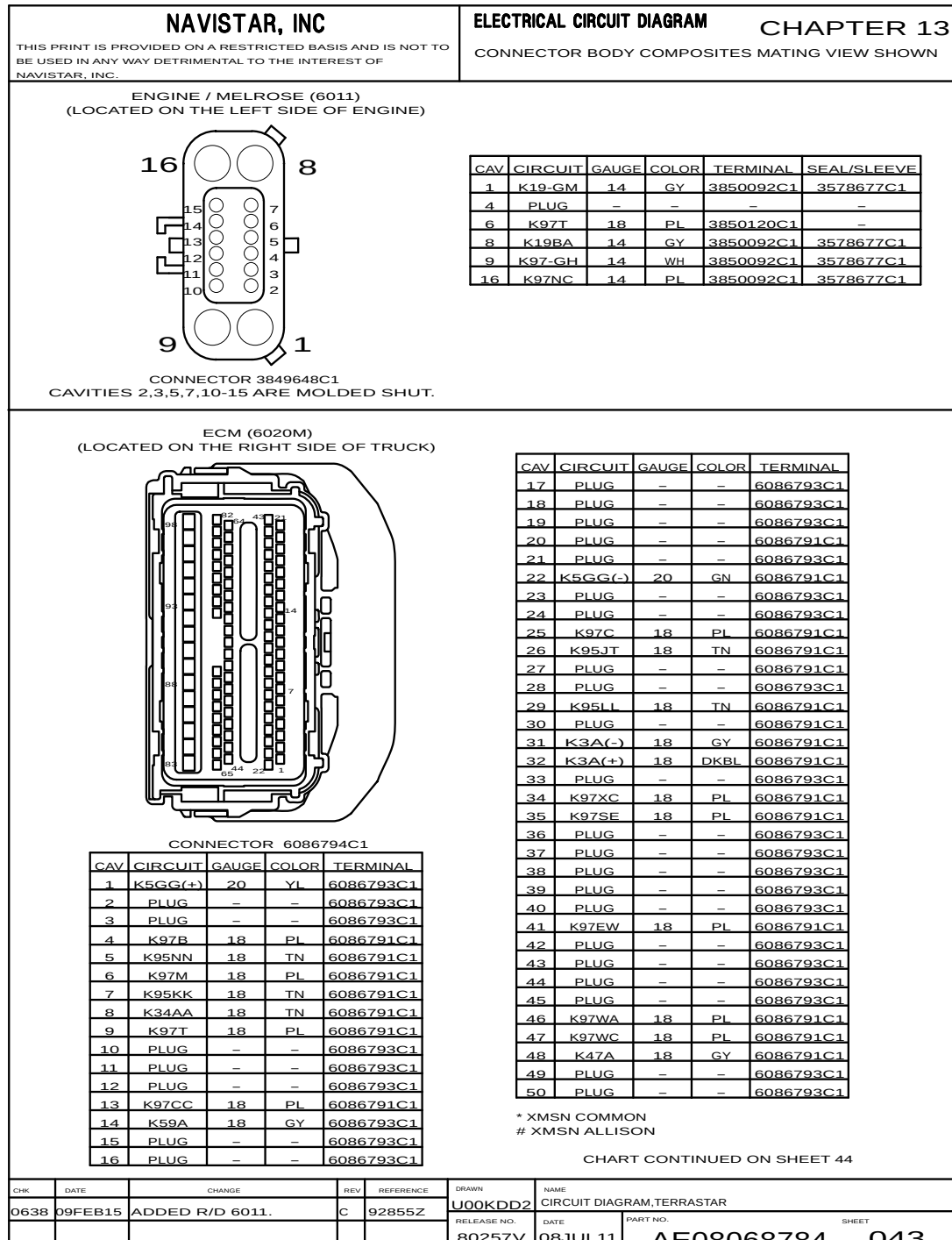
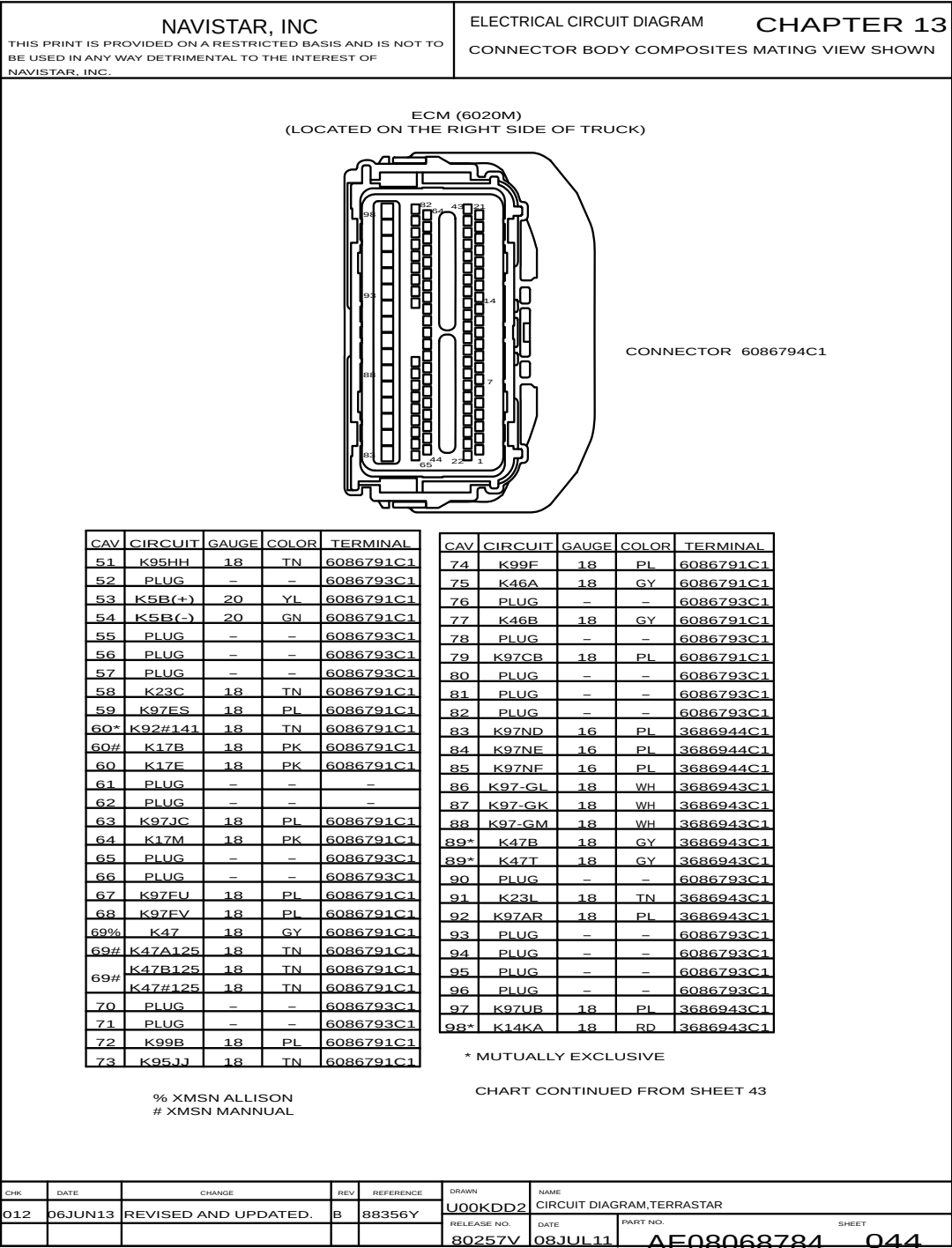


Figure 205 Connector Body Composites (6011 / 6020M)

13.53. CONNECTOR BODY COMPOSITES (6020M), P. 44



CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
012	06JUN13	REVISED AND UPDATED.	B	88356Y	U00KDD2	CIRCUIT DIAGRAM,TERRASTAR
					RELEASE NO.	DATE
					80257V	08JUL11
						PART NO.
						AE08068784
						SHEET
						044

Figure 206 Connector Body Composites (6020M)

13.54. CONNECTOR BODY COMPOSITES (6022 / 6022A / 6200 / 6260HL / 6620HR / 6620T / 6260UC / 6260T / 6261 / 6261T / 6261NV), P. 45

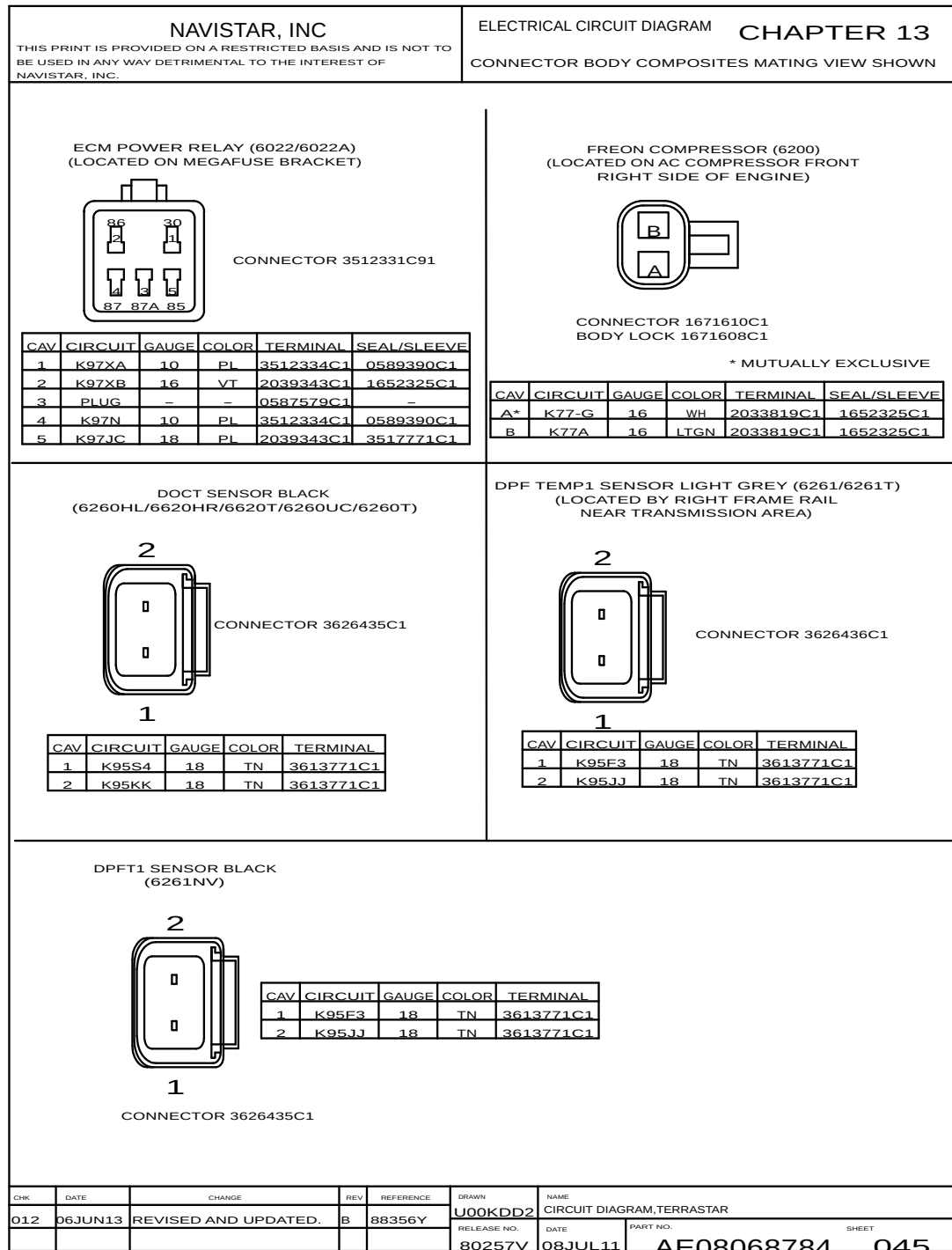


Figure 207 Connector Body Composites (6022 / 6022A / 6200 / 6260HL / 6620HR / 6620T / 6260UC / 6260T / 6261 / 6261T / 6261NV)

13.55. CONNECTOR BODY COMPOSITES (6262 / 6262NV / 6262T / 6263 / 6263NV / 6263T / 6322), P. 45A

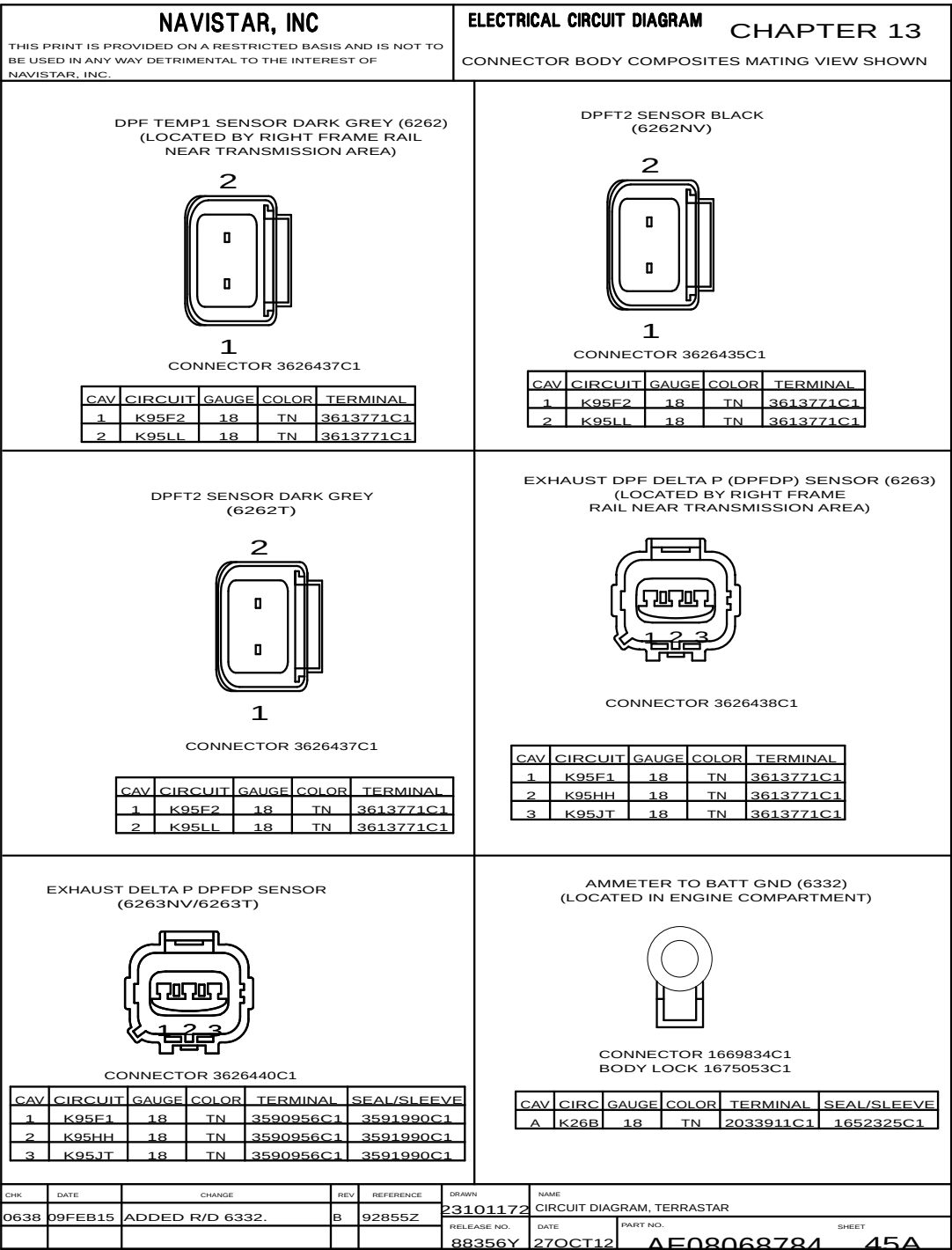


Figure 208 Connector Body Composites (6262 / 6262NV / 6262T / 6263 / 6263NV / 6263T / 6322)

**13.56. CONNECTOR BODY COMPOSITES (6333 / 6334 / 6400 / 6405 / 6561 / 6704M),
P. 46**

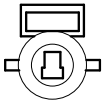
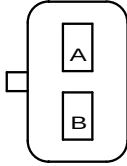
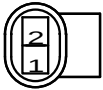
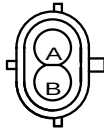
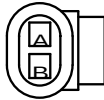
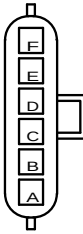
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13							
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN									
AMMETER TO BATT GND (6333) (LOCATED IN ENGINE COMPARTMENT)					2-WAY RADIO BATTERY POWER (6334) (LOCATED IN ENGINE AREA NEAR IP / ENGINE INTERCONNECT)									
														
CONNECTOR 1664531C1 BODY LOCK 1675053C1					* MUTUALLY EXCLUSIVE CONNECTOR 1671610C1 BODY LOCK 1671608C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
A	K26A	18	TN	2033819C1	0589391C1	A*	A14HC	16	RD	2033819C1	1652325C1			
						A*	A14HF	16	RD	2033819C1	1652325C1			
						B*	A11-GAP	16	WH	2033819C1	1652325C1			
						B*	A11-GAP	16	WH	2033819C1	1652325C1			
COOLANT LEVEL SENSOR (6400) (LOCATED ON SURGE TANK)					FUEL COOLER SOLENOID (6405) (LOCATED ON LEFT SIDE OF RADIATOR)									
														
CONNECTOR 3554317C1					CONNECTOR 3582941C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
1	K34-GG	18	WH	3554322C1	3554318C1	A	K59A	18	GY	1667742C1	3568570C1			
2	K34AA	18	TN	3554322C1	3554318C1	B*	K97D	16	PL	1667742C1	1661872C1			
					* MUTUALLY EXCLUSIVE									
E-FAN(6561) (LOCATED AT ENGINE FAN)					GROUND ADAPTER (6704M) (LOCATED NEAR THE ENGINE ECM CONNECTION)									
														
CONNECTOR 3522068C1 BODY LOCK 1661874C1					CONNECTOR 3551896C1 BODY LOCK 3551897C1									
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE			
A	K23D	16	TN	1661875C1	1661872C1	A	PLUG	-	-	0587579C1	-			
B	K10-GG	16	WH	1661875C1	1661872C1	B	K77-G	16	WH	2033819C1	1652325C1			
* MUTUALLY EXCLUSIVE									C	K10-GB	14	WH	2033816C1	0589391C1
									D	K10-GG	16	WH	2033819C1	1652325C1
									E	K77-G	16	WH	2033819C1	1652325C1
									F	K77-GA	16	WH	2033819C1	1652325C1
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME								
0638	09FEB15	ADDED R/D 6333.	C	92855Z	U00KDD2	CIRCUIT DIAGRAM, TERRASTAR								
					RELEASE NO.	DATE	PART NO.	SHEET						
					80257V	08JUL11	AE08068784	046						

Figure 209 Connector Body Composites (6333 / 6334 / 6400 / 6405 / 6561 / 6704M)

13.57. CONNECTOR BODY COMPOSITES (6747 / 6900 / 7100 / 7103M), P. 47

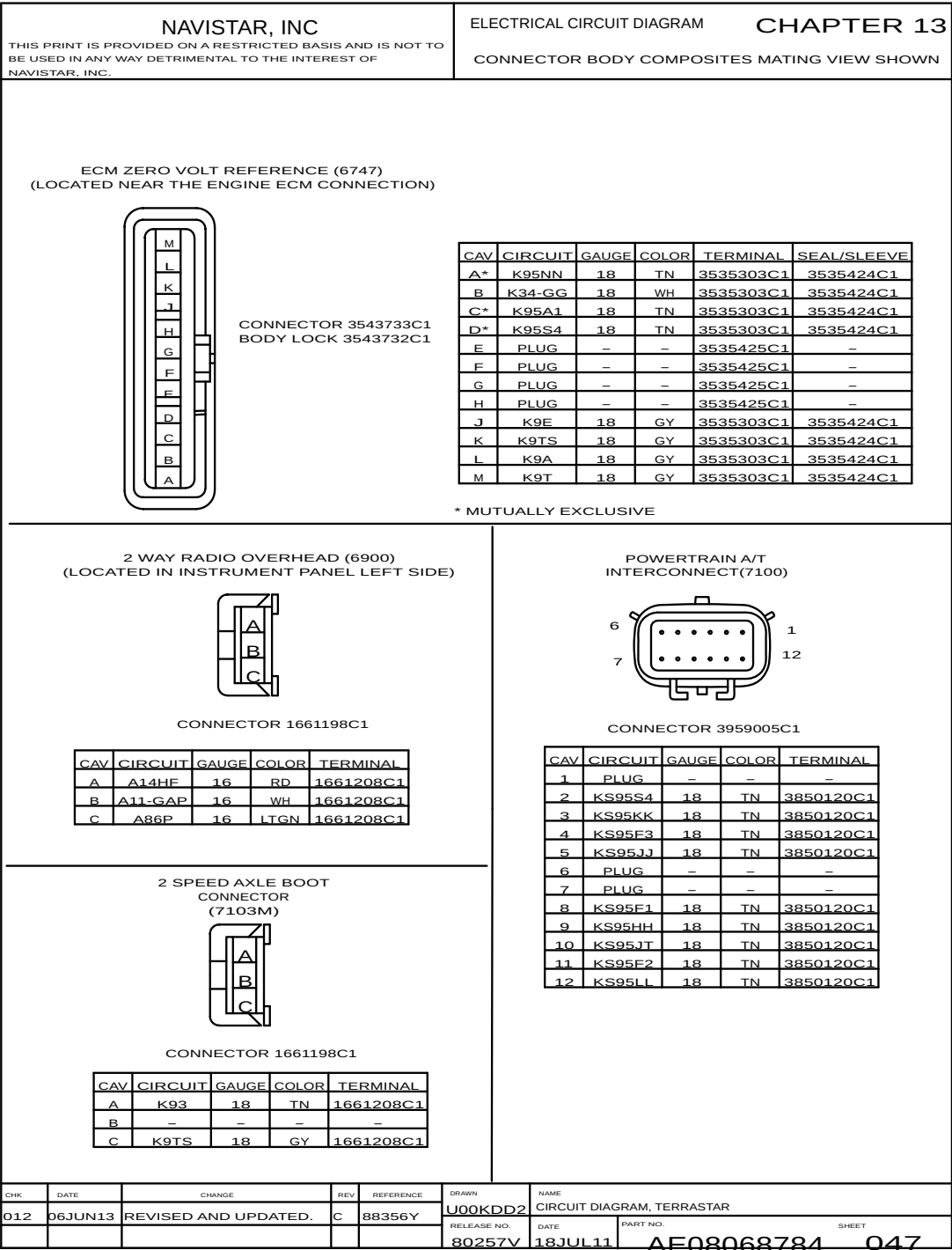


Figure 210 Connector Body Composites (6747 / 6900 / 7100 / 7103M)

13.58. CONNECTOR BODY COMPOSITES (7150), P. 47A

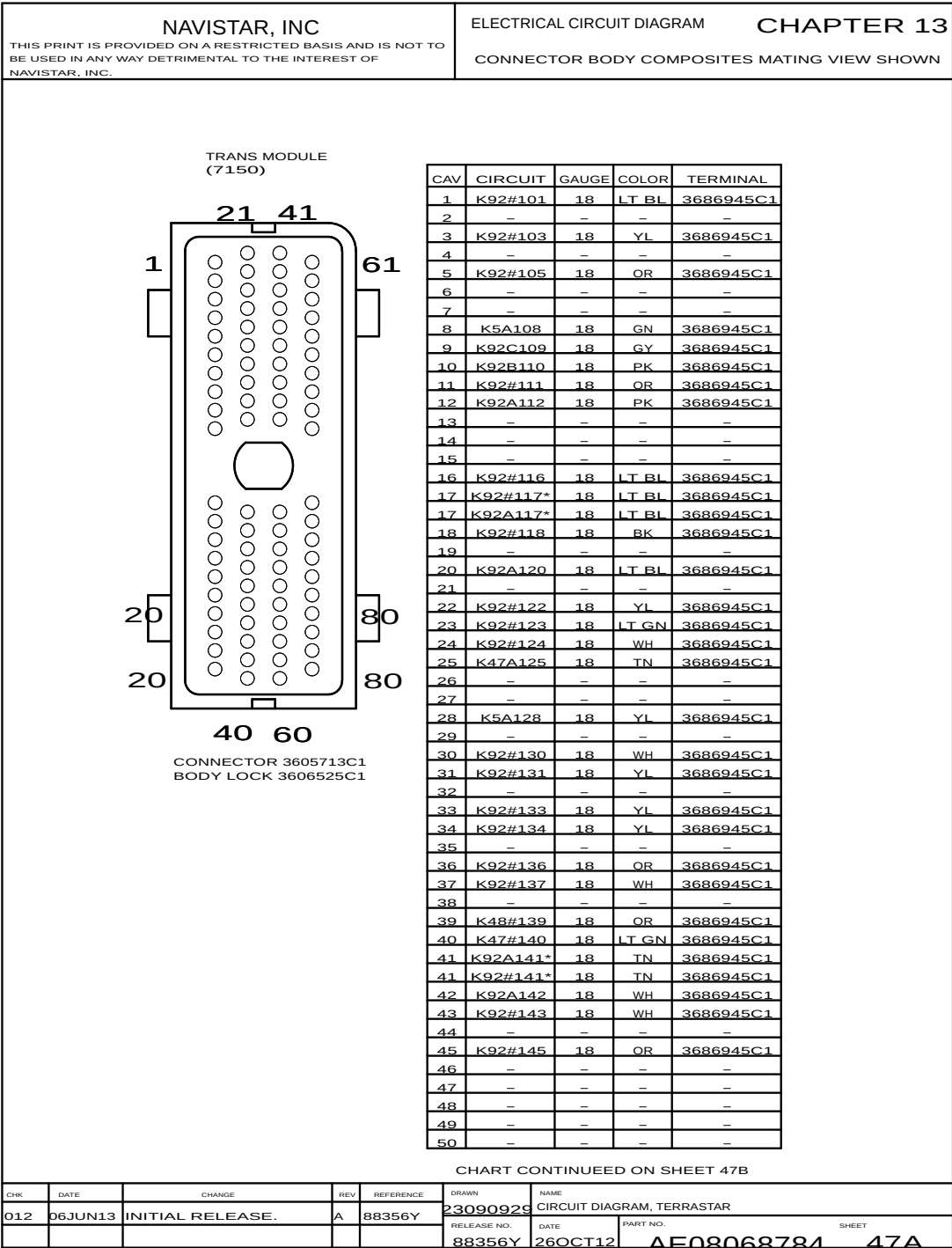


Figure 211 Connector Body Composites (7150)

13.59. CONNECTOR BODY COMPOSITES (7150), P. 47B

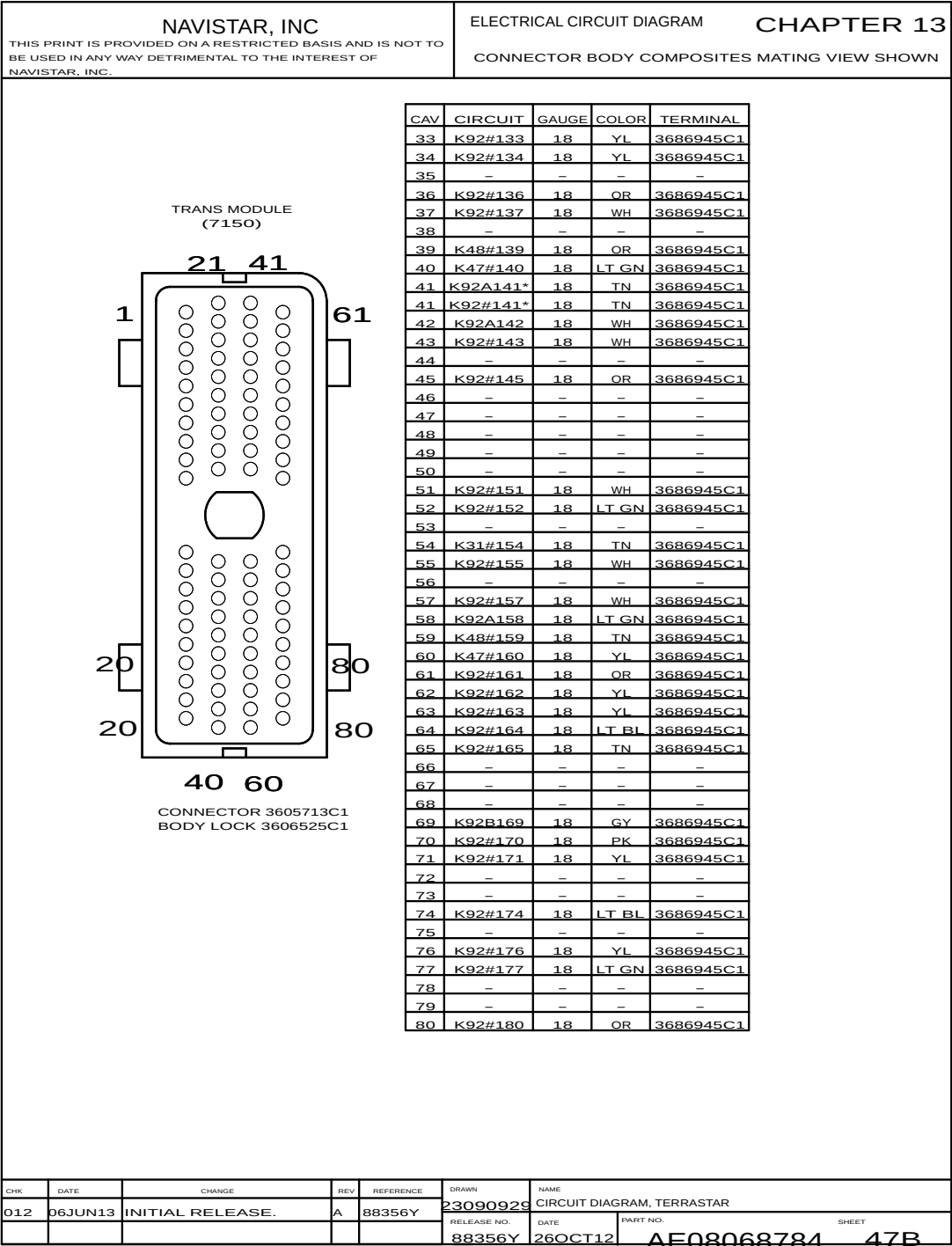


Figure 212 Connector Body Composites (7150)

13.60. CONNECTOR BODY COMPOSITES (7151), P. 48

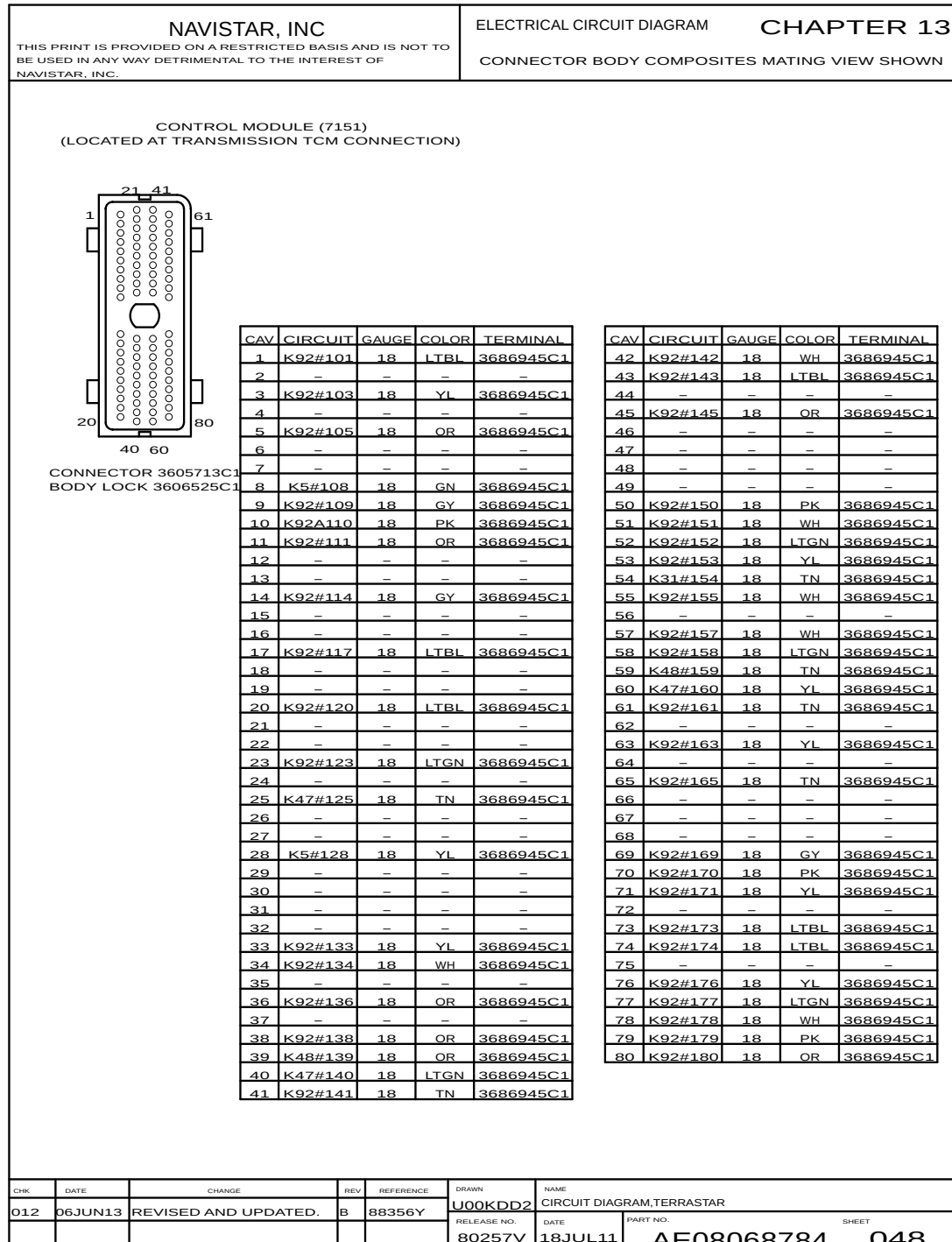


Figure 213 Connector Body Composites (7151)

13.61. CONNECTOR BODY COMPOSITES (7205F / 7206F / 7207M / 7207MA), P. 49

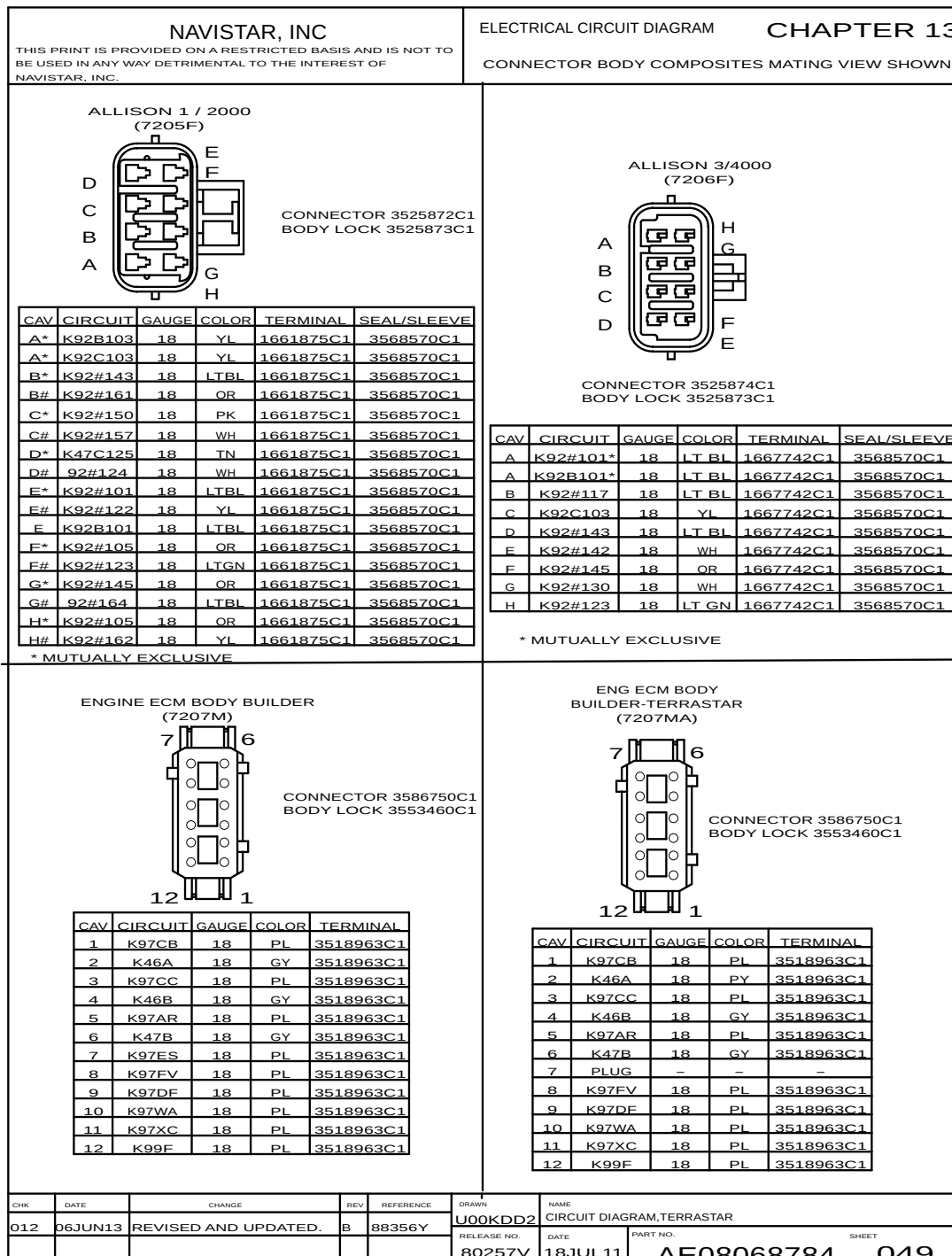


Figure 214 Connector Body Composites (7205F / 7206F / 7207M / 7207MA)

13.62. CONNECTOR BODY COMPOSITES (7208M / 7208A / 7250M / 7350 / 7500M / 7600M), P. 49A

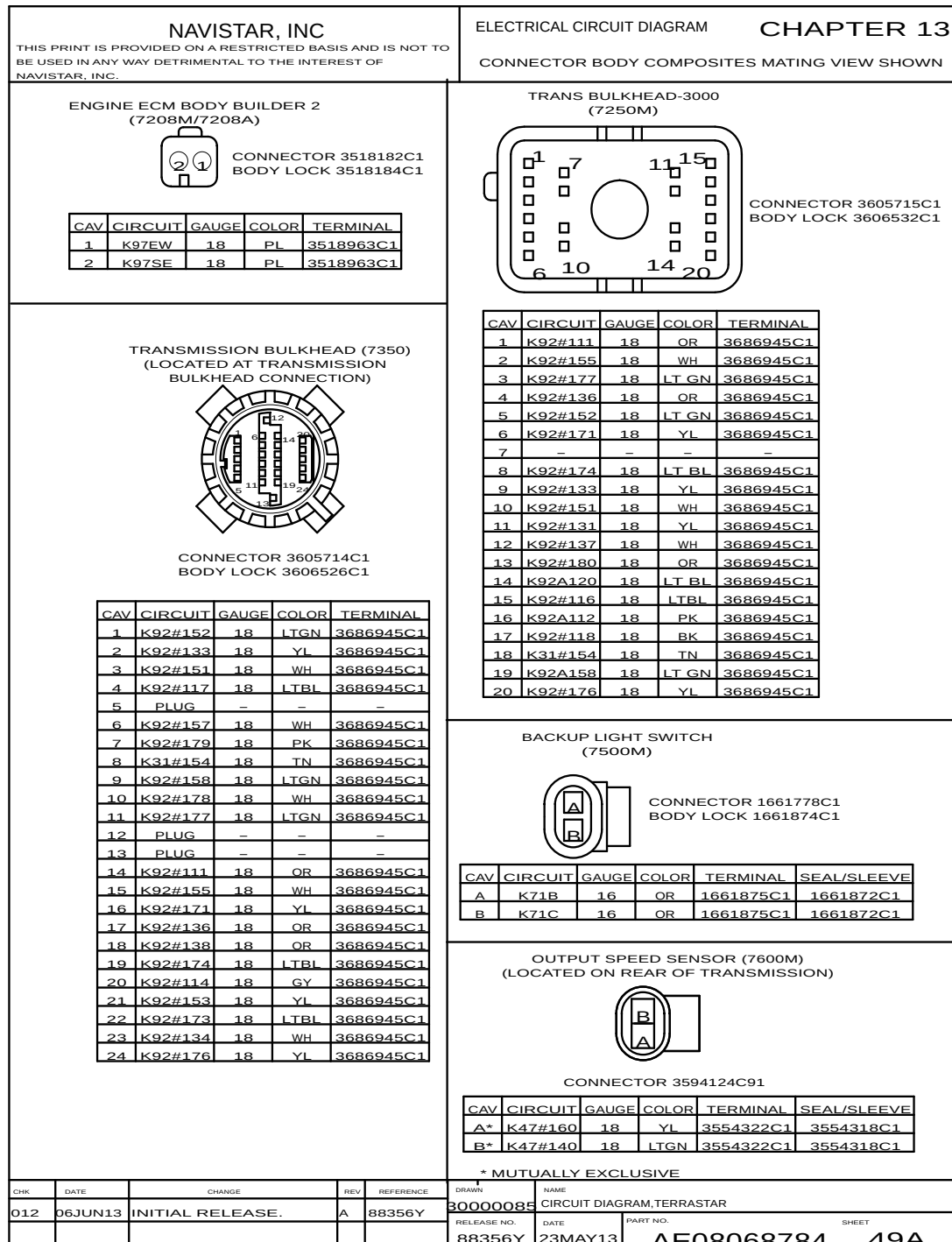


Figure 215 Connector Body Composites (7208M / 7208A / 7250M / 7350 / 7500M / 7600M)

13.63. CONNECTOR BODY COMPOSITES (7601M / 7603M / 7604M / 7605M / 7607M / 7611 / 7700M / 7710), P. 50

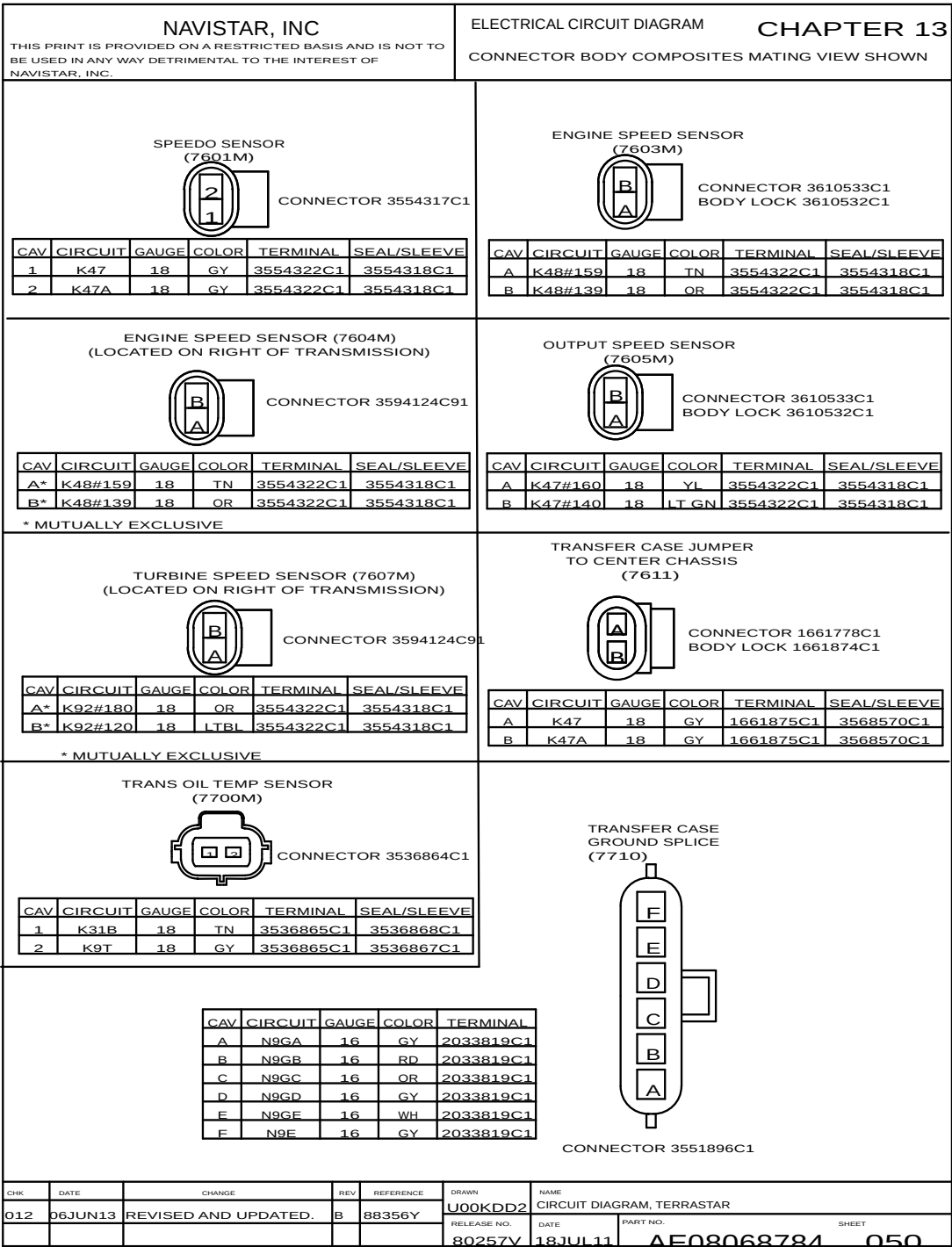


Figure 216 Connector Body Composites (7601M / 7603M / 7604M / 7605M / 7607M / 7611 / 7700M / 7710)

13.64. CONNECTOR BODY COMPOSITES (7711 / 7801M / 8000 / 8001), P. 50A

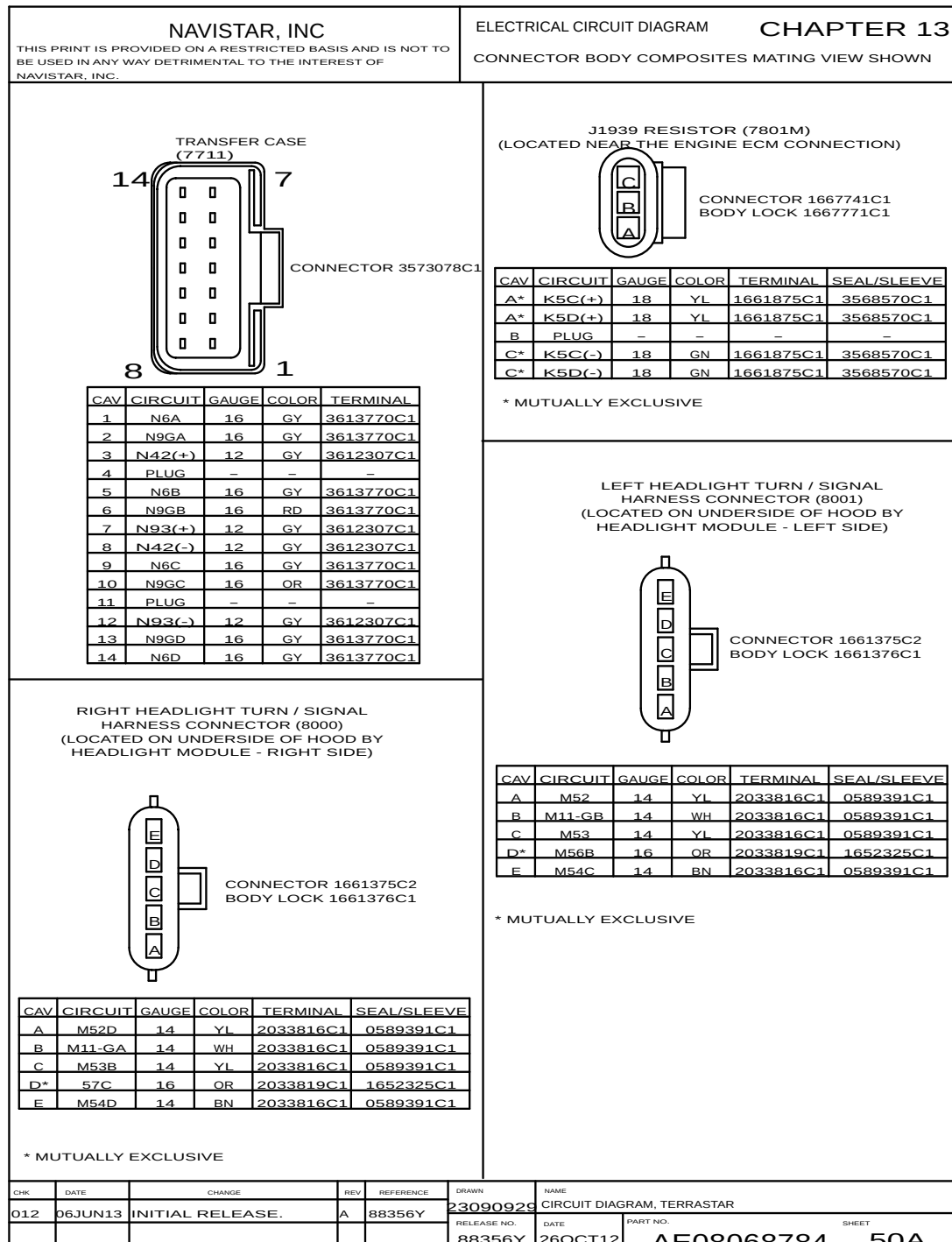


Figure 217 Connector Body Composites (7711 / 7801M / 8000 / 8001)

13.65. CONNECTOR BODY COMPOSITES (8102 / 8150 / 8151 / 8200 / 8201 / 8301), P. 51

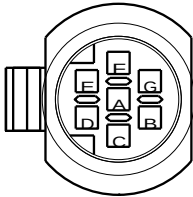
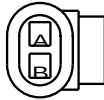
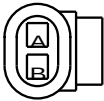
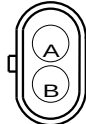
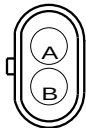
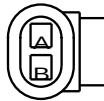
NAVISTAR, INC						ELECTRICAL CIRCUIT CHAPTER 13																																																																							
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SNOWPLOW HARNESS CONNECTOR (8102) (LOCATED BY LEFT FRAME RAIL NEAR HOOD)  CONNECTOR 2039311C91 BODY LOCK 2039342C1 <table border="1"><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>A</td><td>M64HI</td><td>14</td><td>YL</td><td>3535486C1</td><td>0589391C1</td></tr><tr><td>B</td><td>M11-GE</td><td>14</td><td>WH</td><td>3535486C1</td><td>0589391C1</td></tr><tr><td>C</td><td>M64LO</td><td>14</td><td>YL</td><td>3535486C1</td><td>0589391C1</td></tr><tr><td>D</td><td>M56D</td><td>16</td><td>YL</td><td>2039343C1</td><td>1652325C1</td></tr><tr><td>E</td><td>M54F</td><td>14</td><td>BN</td><td>3535486C1</td><td>0589391C1</td></tr><tr><td>F</td><td>M57D</td><td>16</td><td>LTGN</td><td>2039343C1</td><td>1652325C1</td></tr><tr><td>G</td><td>PLUG</td><td>-</td><td>-</td><td>0587579C1</td><td>-</td></tr></tbody></table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M64HI	14	YL	3535486C1	0589391C1	B	M11-GE	14	WH	3535486C1	0589391C1	C	M64LO	14	YL	3535486C1	0589391C1	D	M56D	16	YL	2039343C1	1652325C1	E	M54F	14	BN	3535486C1	0589391C1	F	M57D	16	LTGN	2039343C1	1652325C1	G	PLUG	-	-	0587579C1	-	LEFT GUIDE POST LIGHT (8150) (LOCATED ON HOOD LEFT SIDE)  CONNECTOR 1661778C1 BODY LOCK 1661874C1 <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>A</td><td>M54H</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>M54-GA</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr></tbody></table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M54H	16	BN	1661875C1	1661872C1	B	M54-GA	16	WH	1661875C1	1661872C1
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C	M64LO	14	YL	3535486C1	0589391C1																																																																								
D	M56D	16	YL	2039343C1	1652325C1																																																																								
E	M54F	14	BN	3535486C1	0589391C1																																																																								
F	M57D	16	LTGN	2039343C1	1652325C1																																																																								
G	PLUG	-	-	0587579C1	-																																																																								
CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE																																																																								
A	M54H	16	BN	1661875C1	1661872C1																																																																								
B	M54-GA	16	WH	1661875C1	1661872C1																																																																								
RIGHT GUIDE POST LIGHT (8151) (LOCATED ON HOOD RIGHT SIDE)  CONNECTOR 1661778C1 BODY LOCK 1661874C1 <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>A</td><td>M54J</td><td>16</td><td>BN</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>M54-GB</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr></tbody></table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M54J	16	BN	1661875C1	1661872C1	B	M54-GB	16	WH	1661875C1	1661872C1	RIGHT FOG LIGHT (8200) (LOCATED AT THE FORWARD END OF RIGHT FRAME RAIL)  CONNECTOR 0587567C91 <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>A</td><td>M64B</td><td>16</td><td>YL</td><td>0587577C1</td><td>1652325C1</td></tr><tr><td>B</td><td>M64-GB</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr></tbody></table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M64B	16	YL	0587577C1	1652325C1	B	M64-GB	16	WH	0587577C1	1652325C1																														
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LEFT FOG LIGHT (8201) (LOCATED AT THE FORWARD END OF LEFT FRAME RAIL)  CONNECTOR 0587567C91 <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>A</td><td>M64A</td><td>16</td><td>YL</td><td>0587577C1</td><td>1652325C1</td></tr><tr><td>B</td><td>M64-GA</td><td>16</td><td>WH</td><td>0587577C1</td><td>1652325C1</td></tr></tbody></table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M64A	16	YL	0587577C1	1652325C1	B	M64-GA	16	WH	0587577C1	1652325C1	ELECTRIC HORN (8301) (LOCATED UNDER ENGINE CROSSMEMBER)  CONNECTOR 1661778C1 BODY LOCK 1661874C1 <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>A</td><td>M85E</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr><tr><td>B</td><td>M85-GA</td><td>16</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr></tbody></table>						CAV	CIRCUIT	GAUGE	COLOR	TERMINAL	SEAL/SLEEVE	A	M85E	16	GY	1661875C1	1661872C1	B	M85-GA	16	WH	1661875C1	1661872C1																														
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CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																																																							
CNA1	26JUL11	INITIAL RELEASE.	A	80257V	U00KDD2	CIRCUIT DIAGRAM, TERRASTAR																																																																							
					RELEASE NO.	DATE	PART NO.	SHEET																																																																					
					80257V	18JUL11	AE08068784	051																																																																					

Figure 218 Connector Body Composites (8102 / 8150 / 8151 / 8200 / 8201 / 8301)

13.66. CONNECTOR BODY COMPOSITES (8502 / 8503 / 8505A / 8600 / 8602 / 8800), P. 52

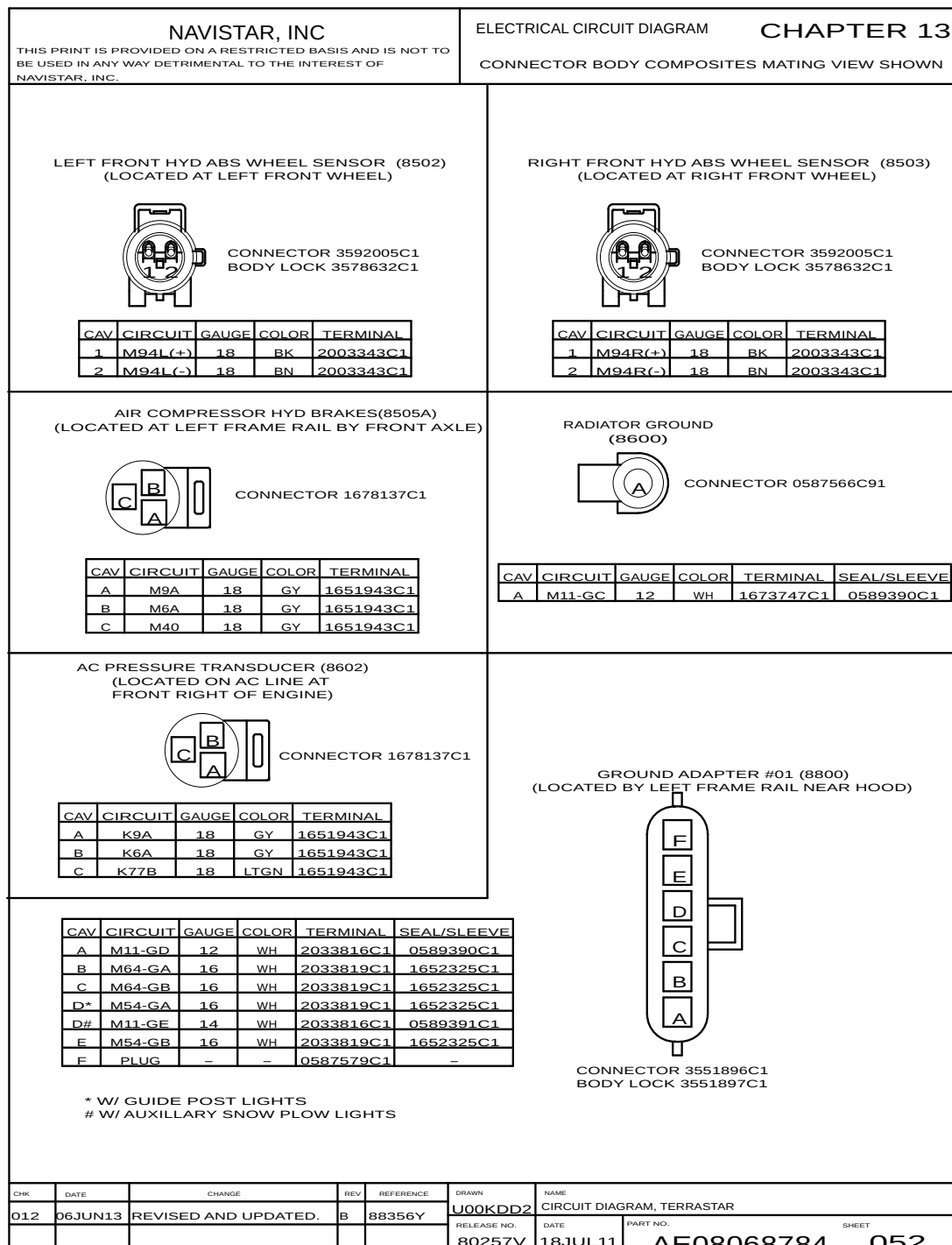


Figure 219 Connector Body Composites (8502 / 8503 / 8505A / 8600 / 8602 / 8800)

13.67. CONNECTOR BODY COMPOSITES (8805 / 8807 / 8881 / 8882), P. 53

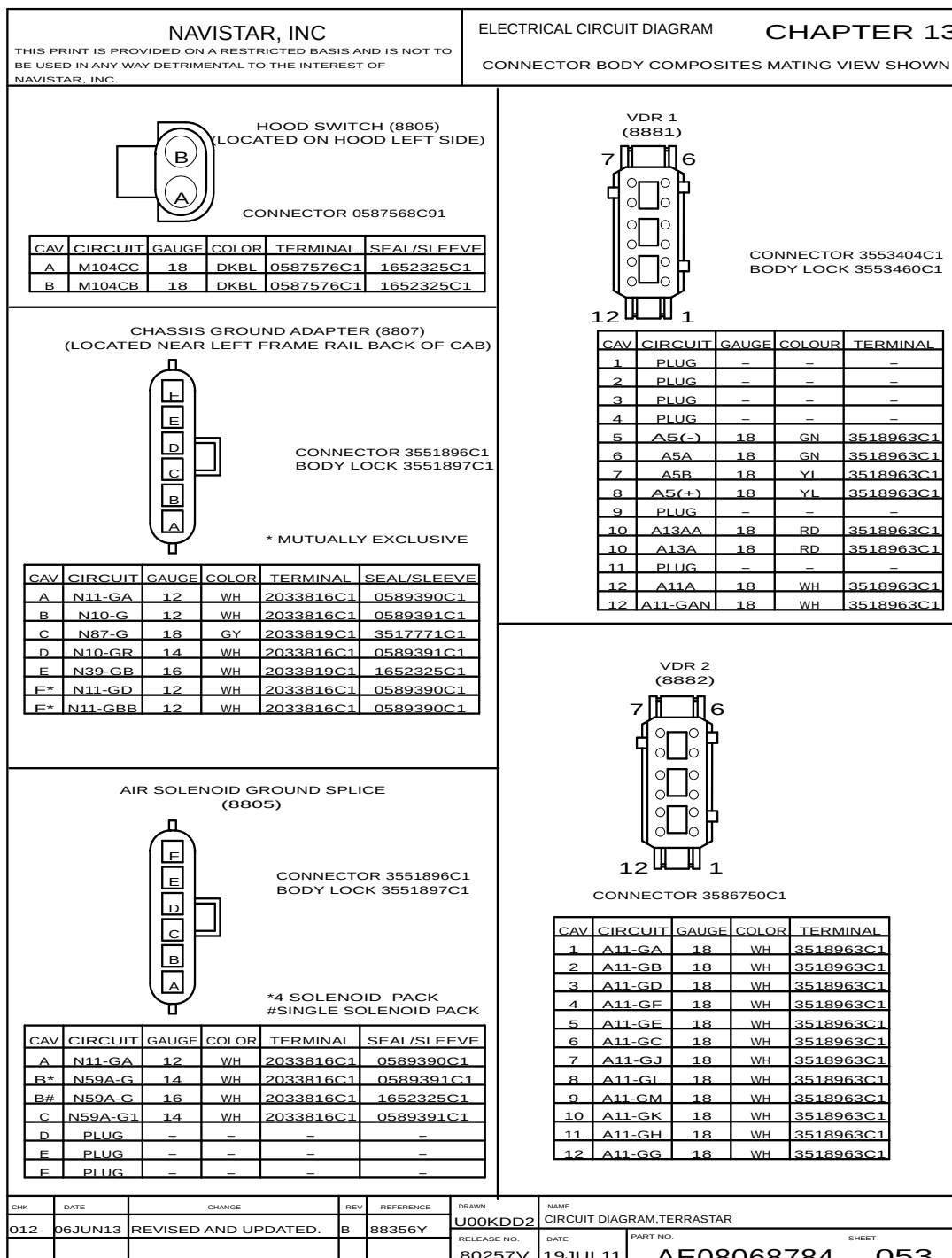


Figure 220 Connector Body Composites (8805 / 8807 / 8881 / 8882)

13.68. CONNECTOR BODY COMPOSITES (8883 / 8884A / 8884C), P. 53A

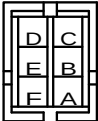
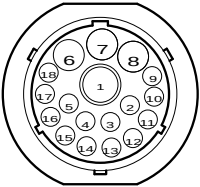
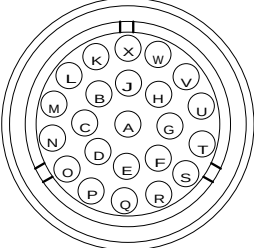
NAVISTAR, INC					ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 13																																																																																																																									
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NAVISTAR, INC.					CONNECTOR BODY COMPOSITES MATING VIEW SHOWN																																																																																																																											
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Figure 221 Connector Body Composites (8883 / 8884A / 8884C)

13.69. CONNECTOR BODY COMPOSITES (8995 / 8996), P. 53B

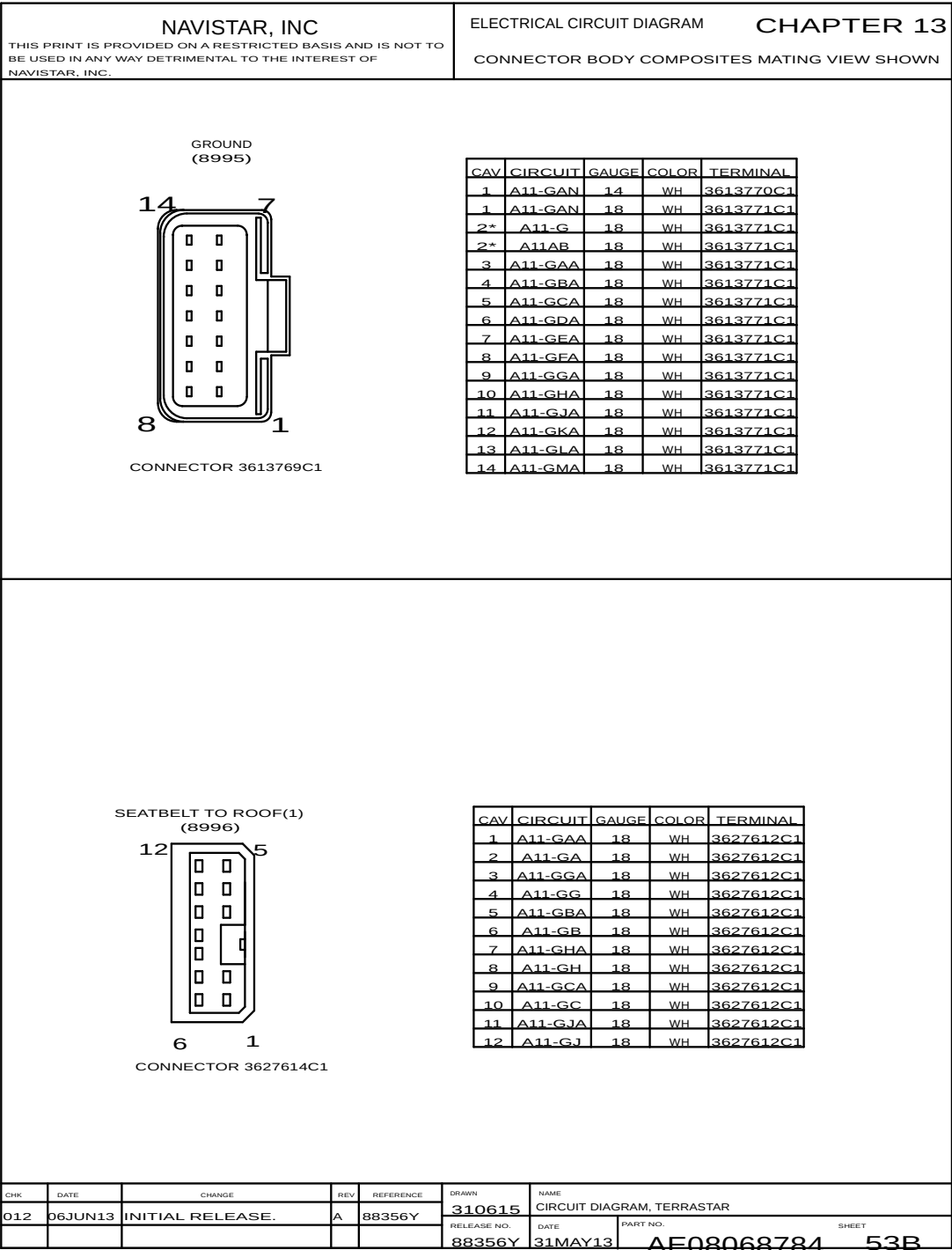


Figure 222 Connector Body Composites (8995 / 8996)

13.70. CONNECTOR BODY COMPOSITES (8997 / 8998 / 8999 / 9001), P. 54

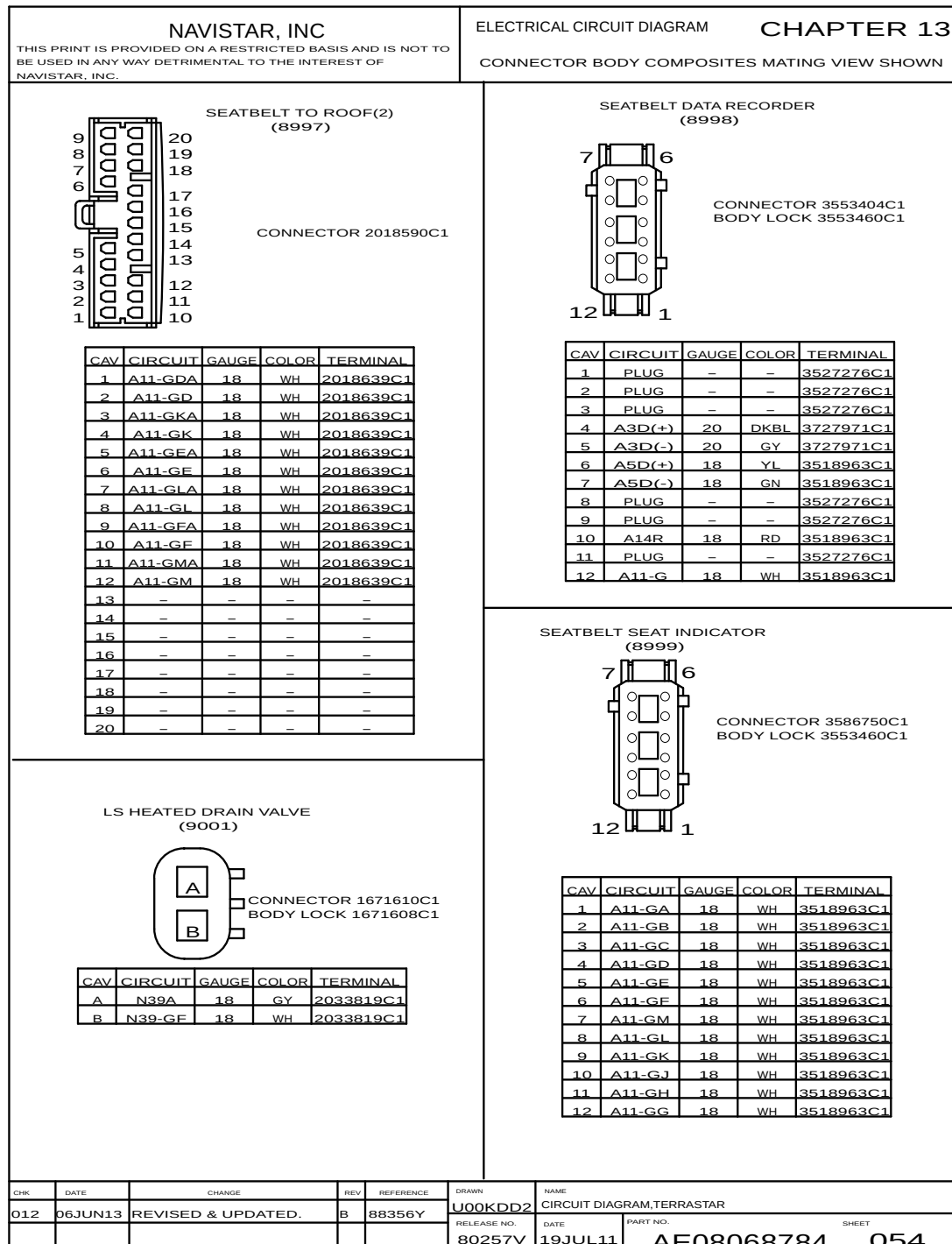


Figure 223 Connector Body Composites (8997 / 8998 / 8999 / 9001)

13.71. CONNECTOR BODY COMPOSITES (9100 / 9101 / 9101A / 9102 / 9260 / 9261),
P. 55

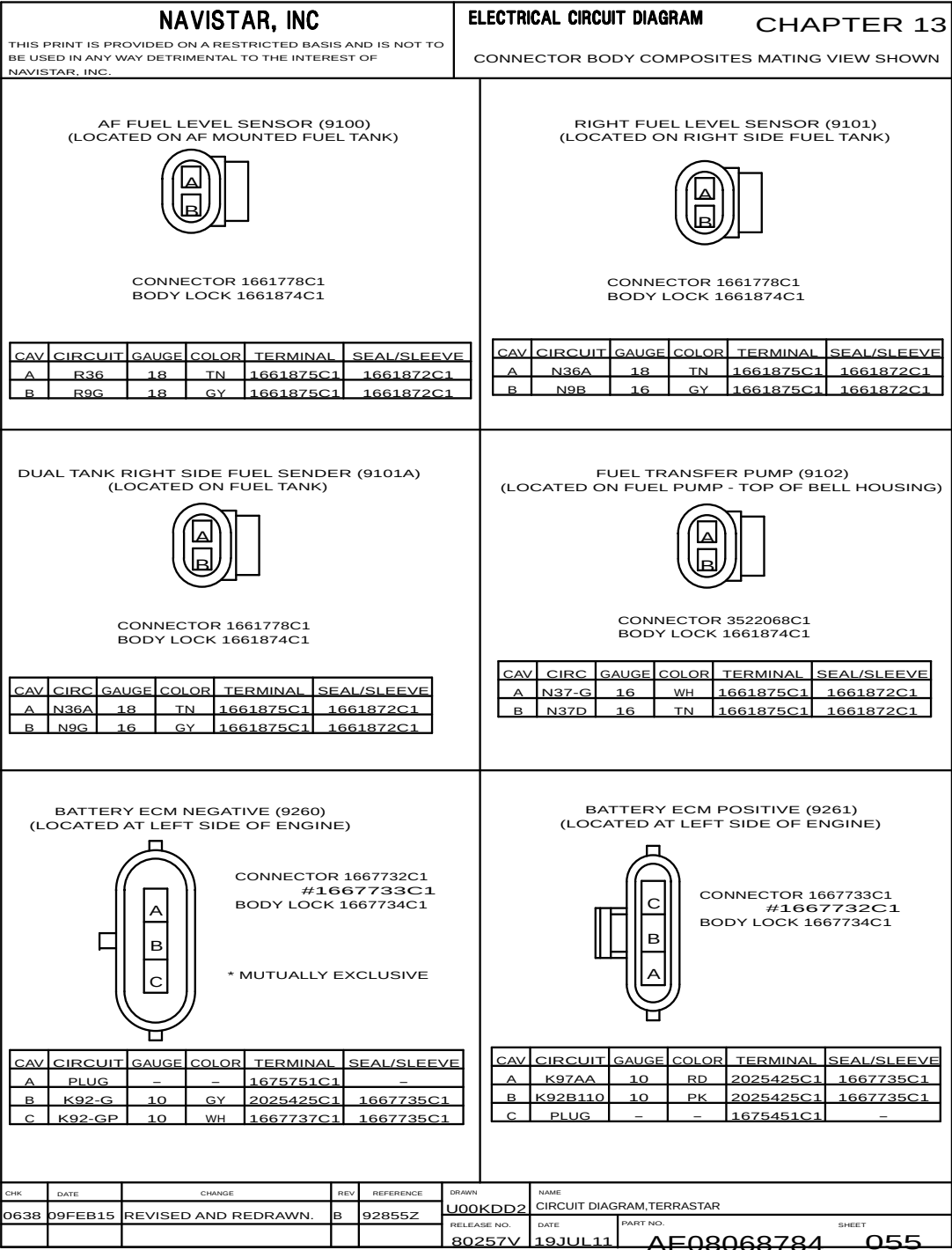
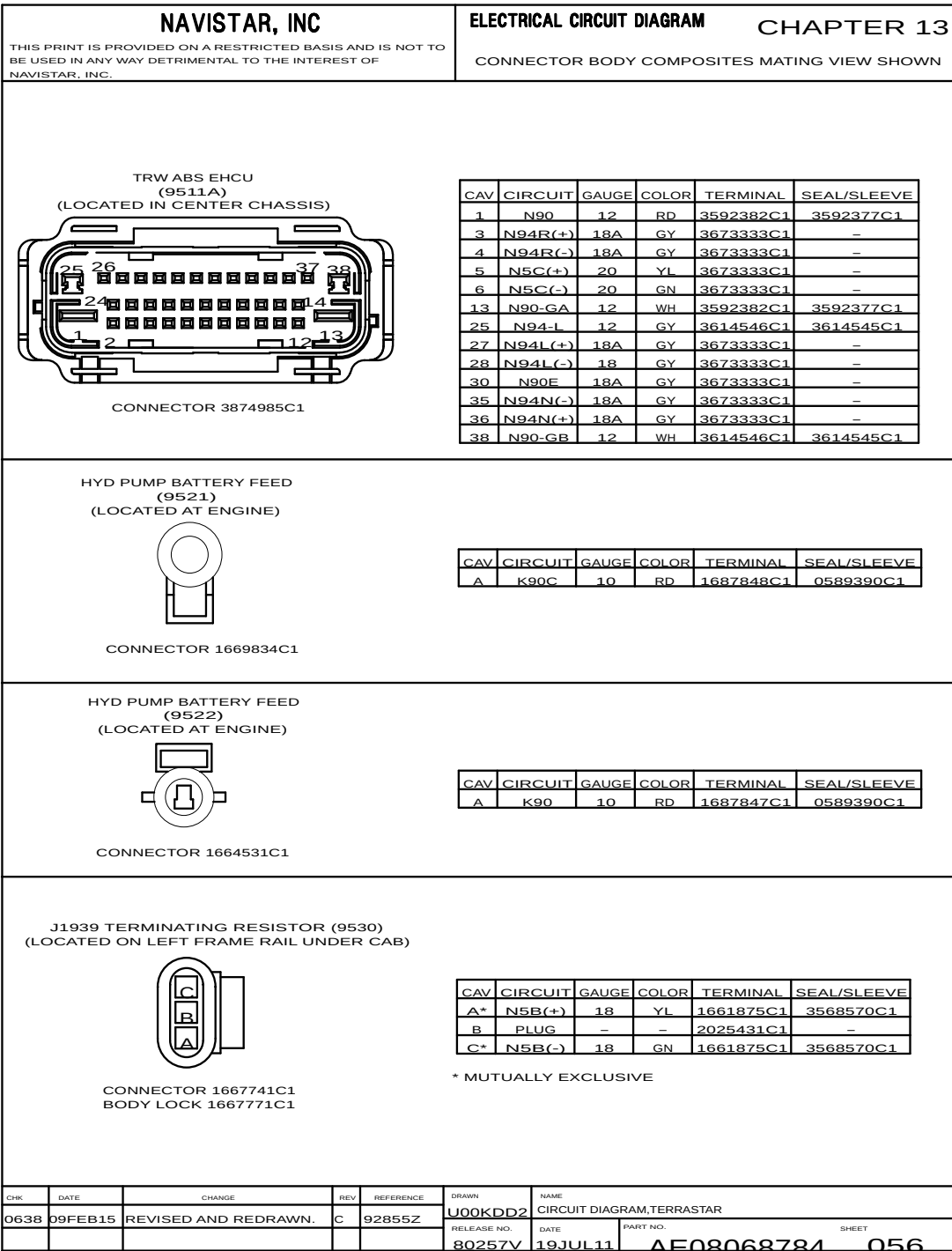


Figure 224 Connector Body Composites (9100 / 9101 / 9101A / 9102 / 9260 / 9261)

13.72. CONNECTOR BODY COMPOSITES (9511A / 9521 / 9522 / 9530), P. 56**Figure 225 Connector Body Composites (9511A / 9521 / 9522 / 9530)**

13.73. CONNECTOR BODY COMPOSITES (9715 / 9715F / 9716 / 9716M / 9717), P. 57

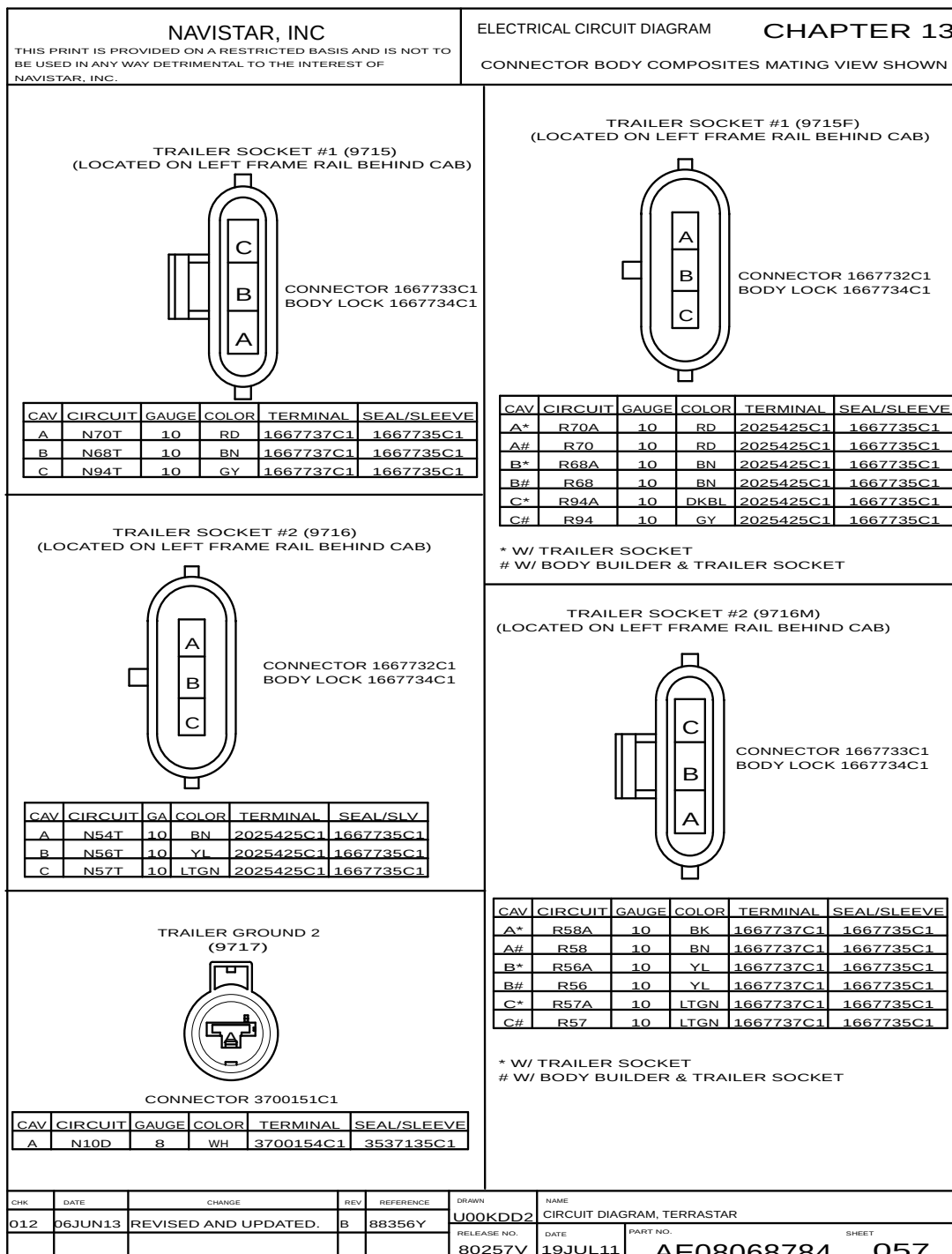


Figure 226 Connector Body Composites (9715 / 9715F / 9716 / 9716M / 9717)

13.74. CONNECTOR BODY COMPOSITES (9717 / 9717F / 9736 / 9737 / 9740), P. 58

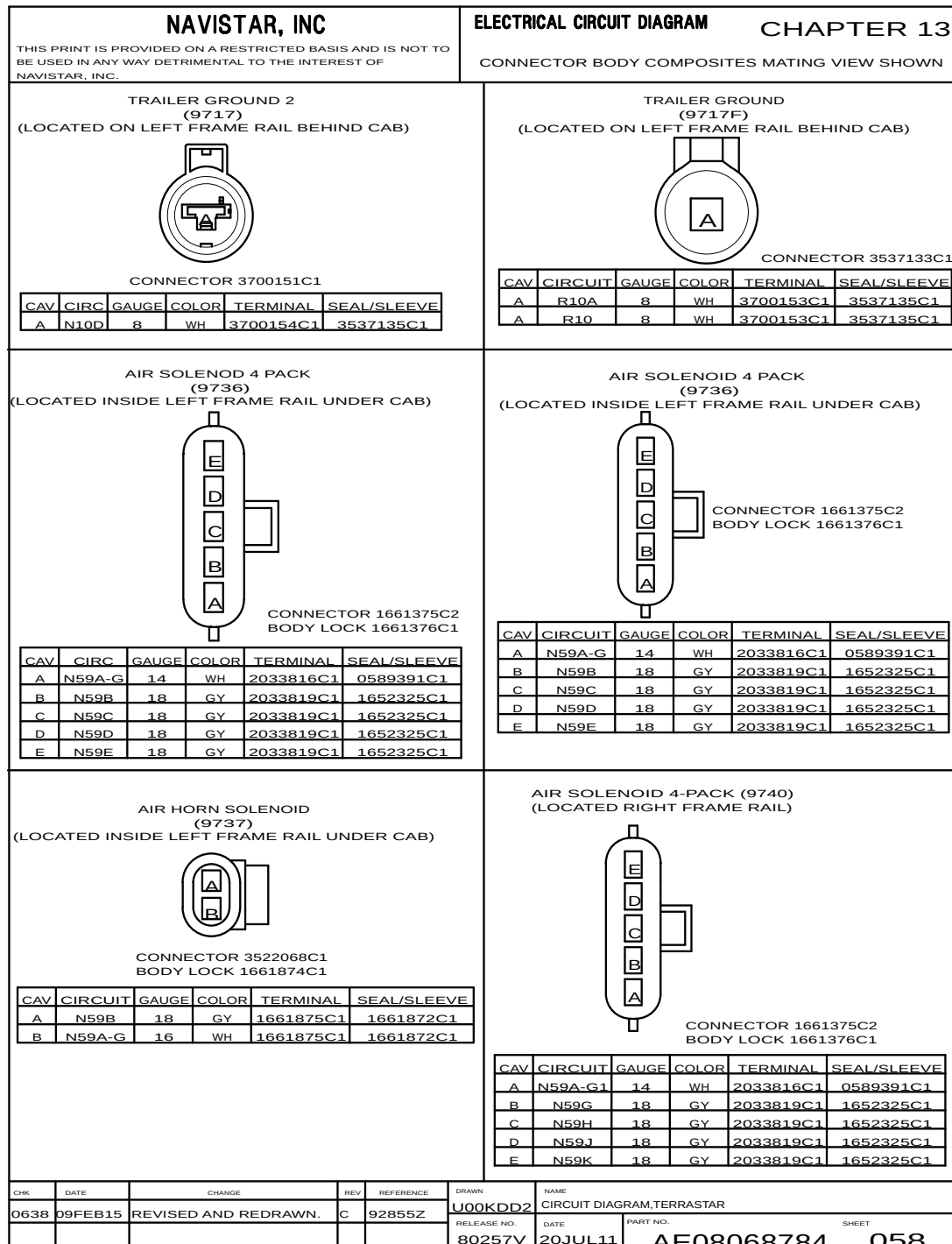


Figure 227 Connector Body Composites (9717 / 9717F / 9736 / 9737 / 9740)

13.75. CONNECTOR BODY COMPOSITES (9778 / 9778F / 9779F / 9780M), P. 58A

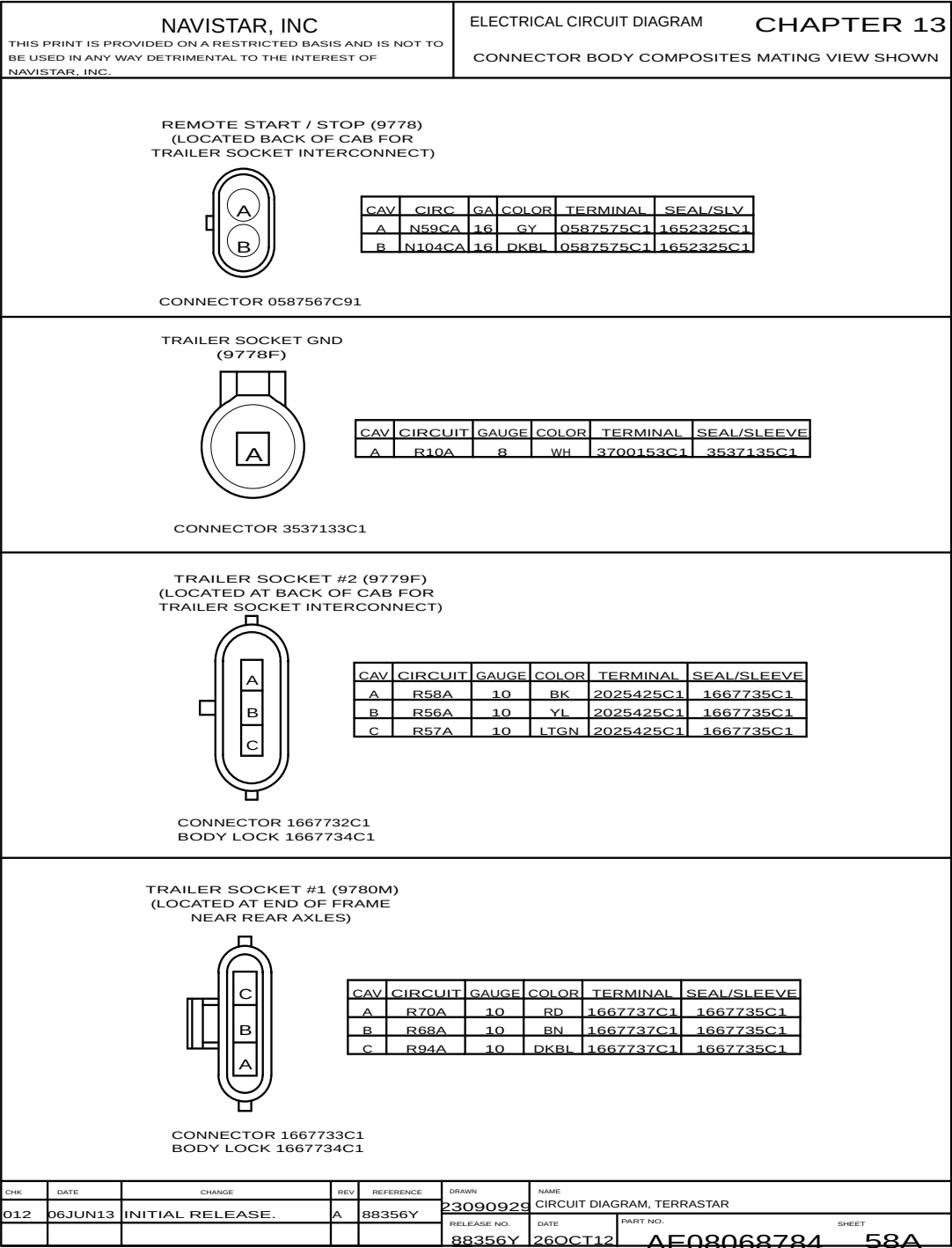


Figure 228 Connector Body Composites (9778 / 9778F / 9779F / 9780M)

13.76. CONNECTOR BODY COMPOSITES (9745 / 9746 / 9800), P. 59

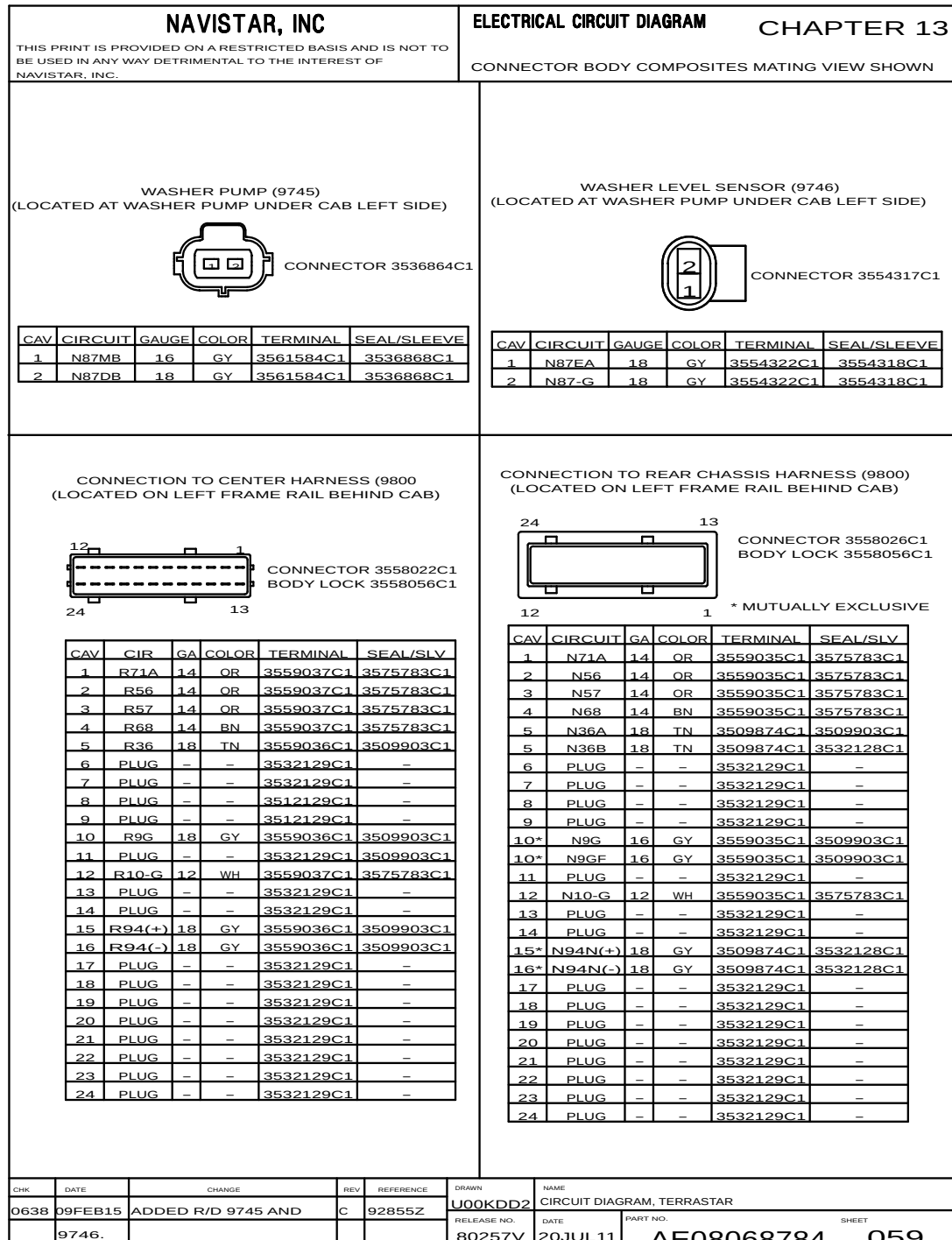


Figure 229 Connector Body Composites (9745 / 9746 / 9800)

13.77. CONNECTOR BODY COMPOSITES (9812 / 9900 / 9913B / 9915), P. 60

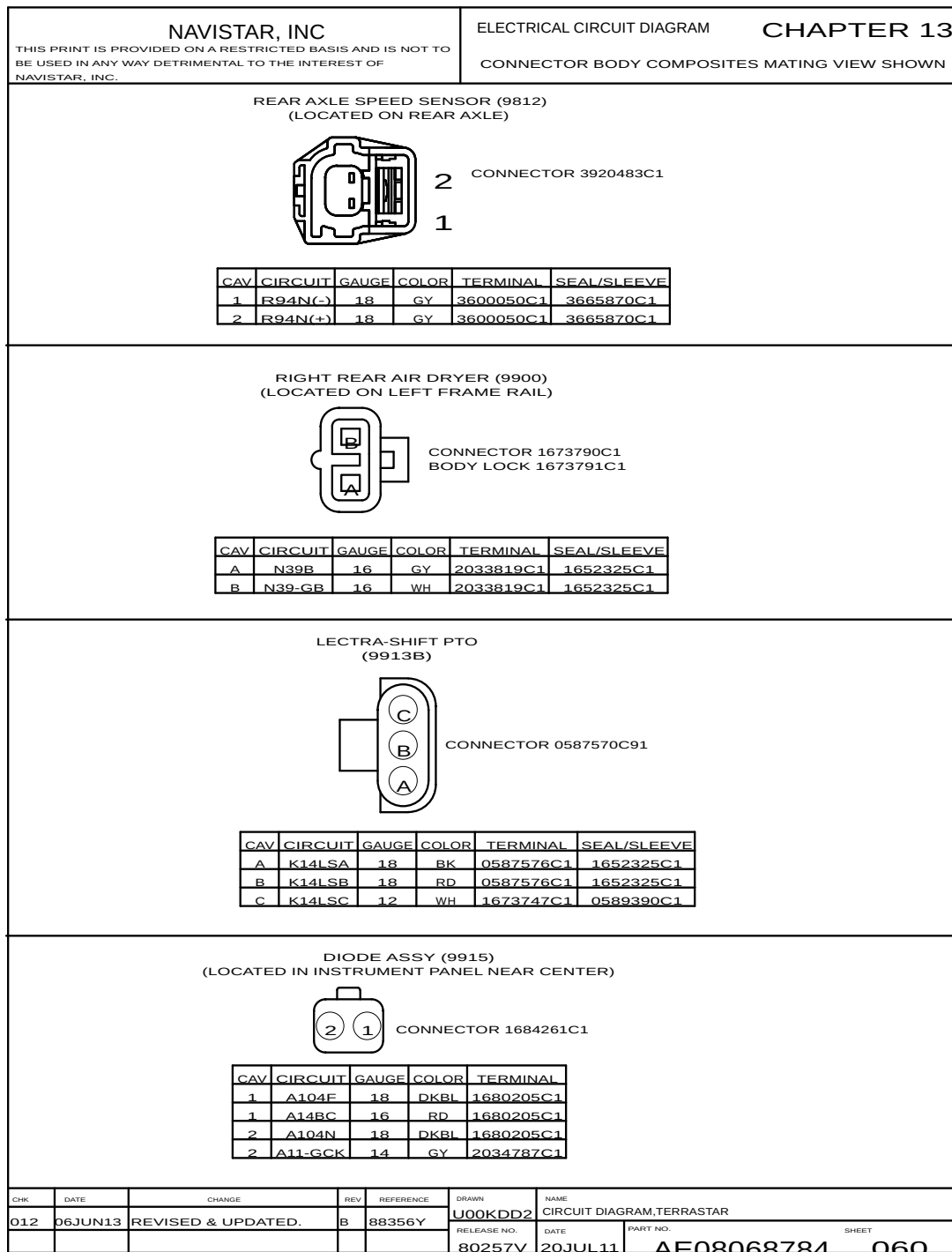


Figure 230 Connector Body Composites (9812 / 9900 / 9913B / 9915)

13.78. CONNECTOR BODY COMPOSITES (9916 / 9930 / 9994), P. 60A

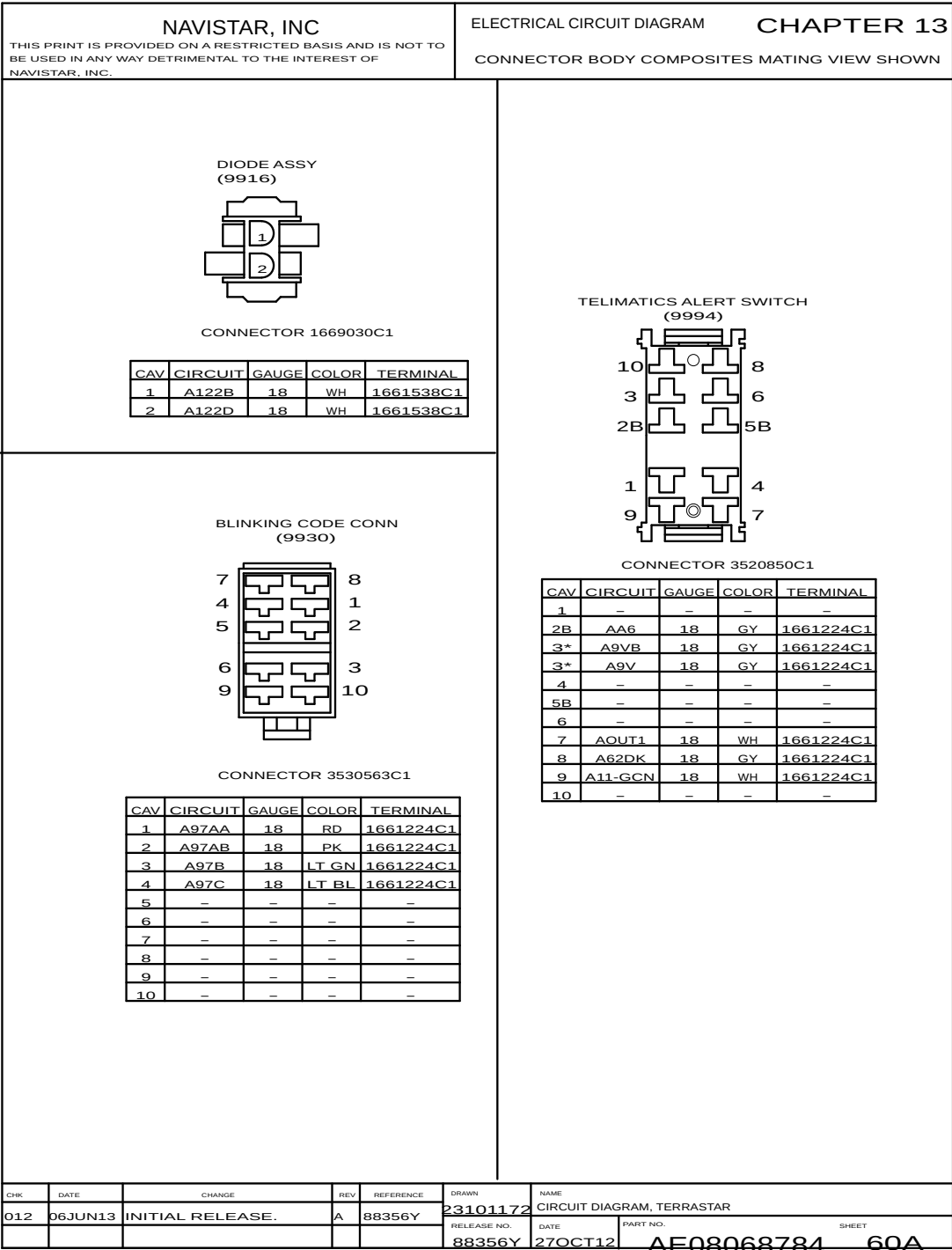


Figure 231 Connector Body Composites (9916 / 9930 / 9994)