

SERVICE MANUAL

SERVICE MANUAL SECTION

**3200, 4100, 4300, 4400, 7300, 7400, 7500, 7600, 7700, 8500, RXT
Models Built March 1, 2007 to March 18, 2008 — ELECTRICAL CIRCUIT
DIAGRAMS**

Model: 3200

Start Date: 03/01/2007 End Date: 03/18/2008

Model: 4100

Start Date: 03/01/2007 End Date: 03/18/2008

Model: 4300

Start Date: 03/01/2007 End Date: 03/18/2008

Model: 4400

Start Date: 03/01/2007 End Date: 03/18/2008

Model: 7300

Start Date: 03/01/2007 End Date: 03/18/2008

Model: 7400

Start Date: 03/01/2007 End Date: 03/18/2008

Model: 7500

Start Date: 03/01/2007 End Date: 03/18/2008

Model: 7600

Start Date: 03/01/2007 End Date: 03/18/2008

Model: 7700

Start Date: 03/01/2007 End Date: 03/18/2008

Model: 8500

Start Date: 03/01/2007 End Date: 03/18/2008

Model: 8600

Start Date: 03/01/2007 End Date: 03/18/2008

Model: RXT

Start Date: 03/01/2007 End Date: 03/18/2008

S08322

03/25/2009

Table of Contents

1. TABLE OF CONTENTS (CHAPTER 1).....	1
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, P. 5.....	5
2.6. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 6.....	6
2.7. LAMP BULB CHART, P. 7.....	7
2.8. RELAY FUNCTION AND WIRING GUIDE, P. 8.....	8
2.9. SCHEMATIC SYMBOL CHART, P. 9.....	9
2.10. SCHEMATIC SYMBOL CHART, P. 10.....	10
2.11. SCHEMATIC SYMBOL CHART, P. 11.....	11
2.12. SCHEMATIC SYMBOL CHART, P.12.....	12
3. 12 VOLT POWER DISTRIBUTION, GROUNDS, DATA BUS AND ELECTRICAL SYSTEM CONTROLLER (CHAPTER 3).....	13
3.1. BATTERY FEED, P. 1.....	13
3.2. BATTERY FEED, P. 2.....	14
3.3. BATTERY FEED, P. 3.....	15
3.4. ACCESSORY FEED, P. 4.....	16
3.5. IGNITION FEED — STANDARD, THEFT DETERRENT, REMOTE START/STOP, P. 5.....	17
3.6. IGNITION FEED RELAY 1, P. 6.....	18
3.7. IGNITION FEED RELAY 2, P. 7.....	19
3.8. IGNITION FEED RELAY 3, P. 8.....	20
3.9. J1708 DATA LINK — PUBLIC EFFECTS, P. 9.....	21
3.10. J1708 DATA LINK — PUBLIC EFFECTS, P. 10.....	22
3.11. J1708 DATA LINK — PRIVATE WITH POWER WINDOW AND LOCK, P. 11.....	23
3.12. J1939 DATA LINK, P. 12.....	24
3.13. J1939 DATA LINK WITH OPTIONS, P. 13.....	25
3.14. J1939 DATA LINK WITH OPTIONS, P. 14.....	26
3.15. J1939 DATA LINK — ISM 2007 ENGINE, P. 15.....	27
3.16. J1939 DATA LINK — I6 2007 ENGINE, P. 16.....	28
3.17. J1939 DATA LINK — C11/C13 2007 ENGINE, P. 17.....	29
3.18. GROUND — IP, P. 18.....	30
3.19. GROUND — IP, P. 19.....	31
3.20. GROUND — IP, P. 20.....	32
3.21. GROUND — IP, P. 21.....	33
3.22. ENGINE GROUND, P. 22.....	34
3.23. ENGINE GROUND, P. 23.....	35
3.24. GROUND — CHASSIS, P. 24.....	36
3.25. GROUND — CHASSIS WITH HEAVY DUTY DIESEL, P. 25.....	37
3.26. GROUND — CHASSIS, P. 26.....	38
3.27. ZERO VOLT REFERENCE, P. 27.....	39
3.28. ZERO VOLT REFERENCE, P. 28.....	40
3.29. GROUND — CHASSIS, P. 29.....	41

3.30. J1939 DATA LINK WITH V8 ENGINE, P. 30.....	42
4. CAB ACCESSORIES (CHAPTER 4).....	43
4.1. CIGAR LIGHTER AND POWER FEED, P. 1.....	43
4.2. CIGAR LIGHTER AND POWER FEED, P. 2.....	44
4.3. CB POWER RADIO, P. 3.....	45
4.4. COMPASS AND TEMPERATURE DISPLAY, P. 4.....	46
4.5. FRONT DOOR WINDOWS AND LOCKS (POWER), P. 5.....	47
4.6. FRONT DOOR WINDOWS AND LOCKS (POWER) FOR CREW, P. 6.....	48
4.7. HORN, ELECTRIC AND AIR, P. 7.....	49
4.8. HORN, ELECTRIC AND AIR, P. 8.....	50
4.9. MIRRORS (HEATED, LIGHTED AND POWER), P. 9.....	51
4.10. MIRRORS (HEATED, LIGHTED AND POWER), P. 9A.....	52
4.11. DUAL HEATED MOTORIZED MIRRORS WITH HEATED WINDSHIELD, P. 9B.....	53
4.12. RADIO (ENTERTAINMENT), SPEAKERS WITH 12 WAY CONN, P. 10.....	54
4.13. RADIO (ENTERTAINMENT), SPEAKERS WITH 16 WAY CONN, P. 11.....	55
4.14. 2-WAY RADIO, P. 12.....	56
4.15. WINDSHIELD WIPER, P. 13.....	57
4.16. WASHER PUMP, P. 14.....	58
4.17. SWITCH PACK OPTIONAL GAUGE PACK, P. 15.....	59
4.18. ROOF AUXILIARY LOAD, P. 16.....	60
4.19. SATELLITE COMMUNICATION — QUALCOMM IMCT, P. 17.....	61
4.20. SATELLITE COMMUNICATION — TRIPMASTER, P. 18.....	62
4.21. COMPUTER PREWIRED — XATA SYSTEM, P. 19.....	63
4.22. CADEC GPS SYSTEM, P. 20.....	64
4.23. SATELLITE COMMUNICATION — MOBILEMAX, P. 21.....	65
4.24. SELF CONTAINED AIR SEAT, P. 22.....	66
4.25. HEATED SEATS, P. 23.....	67
4.26. TELEMATICS SYSTEM, P. 24.....	68
4.27. EATON VORAD COLLISION AVOIDANCE SYSTEM, P. 25.....	69
4.28. EATON VORAD COLLISION AVOIDANCE SYSTEM, P. 26.....	70
4.29. DRIVER DISPLAY, P. 27.....	71
4.30. BACK-UP CAMERA, P. 28.....	72
4.31. SATELLITE COMMUNICATION — QUALCOMM MCT, P. 29.....	73
4.32. SATELLITE COMMUNICATION — QUALCOMM MCT WITH MVPC KEYBOARD, P. 30.....	74
4.33. SATELLITE COMMUNICATION — QUALCOMM TMCT, P. 31.....	75
4.34. SATELLITE COMMUNICATION — QUALCOMM TMCT, P. 32.....	76
4.35. AIR SHIELD LIGHT, P. 33.....	77
5. 12V CHARGING + CRANKING SYSTEM (CHAPTER 5).....	78
5.1. I6 / V8 ENGINES WITH MANUAL TRANSMISSION, P. 1.....	78
5.2. CAT — CUMMINS ENGINES WITH MANUAL TRANSMISSION, P. 2.....	79
5.3. I6 / V8 ENGINES WITH ALLISON TRANSMISSION, P. 3.....	80
5.4. CAT — CUMMINS ENGINES WITH ALLISON TRANSMISSION, P. 4.....	81
5.5. I6 ENGINE WITH AUTOSHIFT, ULTRASHIFT AND EATON HYBRID TRANSMISSION, P. 5.....	82
5.6. CAT — CUMMINS ENGINES WITH AUTOSHIFT AND ULTRASHIFT TRANSMISSION, P. 6.....	83
5.7. I6 POWER PACK, P. 7.....	84
5.8. ROCKER START, P. 8.....	85
6. FANS AND ENGINE ACCESSORIES (CHAPTER 6).....	86
6.1. FAN WIRING, I6 / V8 2007 ENGINES, P. 1.....	86
6.2. FAN WIRING, ISM, C11-C13 2007 ENGINES, P. 2.....	87
6.3. STARTING AID — ETHER START, P. 3.....	88

6.4. SNOW VALVE, P. 4.....	89
7. ELECTRONIC ENGINES (CHAPTER 7).....	90
7.1. ELECTRONIC ENGINE CONTROLS, CAT ENGINES, P. 1.....	90
7.2. ELECTRONIC ENGINE CONTROLS, CAT ENGINES, P. 2.....	91
7.3. ENGINE BODY BUILDER — REMOTE ENGINE CONTROL (CAT/IBBE ENGINE), P. 3.....	92
7.4. ELECTRONIC ENGINE CONTROLS, ISM ENGINES, P. 4.....	93
7.5. ELECTRONIC ENGINE CONTROLS, ISM ENGINES, P. 5.....	94
7.6. ELECTRONIC ENGINE CONTROLS, ISM ENGINES, P. 6.....	95
7.7. ELECTRONIC ENGINE CONTROLS, I6 ENGINES, P. 7.....	96
7.8. ELECTRONIC ENGINE CONTROLS, I6 ENGINES, P. 8.....	97
7.9. ELECTRONIC ENGINE CONTROLS, I6 ENGINES, P. 9.....	98
7.10. ELECTRONIC ENGINE CONTROLS, I6 ENGINES, P. 10.....	99
7.11. ELECTRONIC ENGINE CONTROLS, I6 ENGINES, P. 11.....	100
7.12. ELECTRONIC ENGINE CONTROLS — V8 ENGINES, P. 12.....	101
7.13. ELECTRONIC ENGINE CONTROLS — V8 ENGINES, P. 13.....	102
7.14. ELECTRONIC ENGINE CONTROLS — V8 ENGINES, P. 14.....	103
7.15. CRUISE CONTROL, P. 15.....	104
8. GAUGES WITH AND WITHOUT INTERNAL WARNING LIGHT (CHAPTER 8).....	105
8.1. IP/GAUGES, P. 1.....	105
8.2. WARNING LIGHT LIST, P. 2.....	106
8.3. WARNING LIGHTS CONTROLLED BY ENGINE, TRANSMISSION, ABS CONTROLLER, P. 3.....	107
8.4. ENGINE OIL PRESSURE AND TEMP, SPEEDOMETER, TACHOMETER, VOLTMETER AND WATER TEMP GAUGE CIRCUITS, P. 4.....	108
8.5. IP/GAUGES AND WARNING LIGHTS — GAUGE CLUSTER, P. 5.....	109
8.6. AIR PRESSURE INPUT CIRCUIT, P. 6.....	110
8.7. AXLE TEMPERATURE, GAUGE INPUT CIRCUIT, P. 7.....	111
8.8. FUEL GAUGE CIRCUITRY (SINGLE TANK), P. 8.....	112
8.9. DIFFERENTIAL LOCK WARNING LAMPS, P. 9.....	113
8.10. AIR PARK BRAKE AND MANUAL TRANSMISSION OIL TEMP GAUGE, P. 10.....	114
8.11. GAUGES AND WARNING LIGHTS — AMMETER, P. 11.....	115
8.12. ENGINE OIL TEMPERATURE GAUGE WITH CATERPILLAR, P. 12.....	116
8.13. FRONT AXLE ENGAGEMENT LAMP, P. 13.....	117
8.14. WARNING LIGHTS — OPTIONAL, P. 14.....	118
8.15. WARNING LIGHTS — OPTIONAL, P. 15.....	119
8.16. LOAD MONITORING, P. 16.....	120
9. LIGHTS (CHAPTER 9).....	121
9.1. BACKUP LIGHTS N/ ALLISON TRANSMISSION, P. 1.....	121
9.2. BACKUP LIGHTS W/ ALLISON TRANSMISSION, P. 2.....	122
9.3. LIGHT SYSTEMS — CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LIGHTS, P. 3.....	123
9.4. LIGHT SYSTEMS — CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LIGHTS (CONT.), P. 4.....	124
9.5. LIGHT SYSTEMS — CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LIGHTS (CONT.), P. 5.....	125
9.6. LIGHT SYSTEMS — CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LIGHTS (CONT.), P. 6.....	126
9.7. LIGHT SYSTEMS — TURN SIGNAL AND STOP SWITCHES, P. 7.....	127
9.8. DOME LIGHT, MAP LIGHT, P. 8.....	128
9.9. DOME LIGHT, MAP LIGHT (CONT.), P. 9.....	129

9.10. DOME LIGHT, MAP LIGHT (CONT.), P. 10.....	130
9.11. FOG LIGHT AND WORK LIGHT, P. 11.....	131
9.12. HEADLIGHTS, P. 12.....	132
9.13. AUX. HEADLIGHTS, SNOW PLOW LIGHTS, P. 13.....	133
9.14. AUX. HEADLIGHTS, SNOW PLOW LIGHTS (CONT), P. 14.....	134
9.15. PANEL LIGHTS, P. 15.....	135
10. CHASSIS ACCESSORIES (CHAPTER 10).....	136
10.1. ABS — BENDIX AIR, P. 1.....	136
10.2. ABS — BENDIX AIR, P. 2.....	137
10.3. ABS — BENDIX AIR, P. 3.....	138
10.4. ABS — WABCO AIR, P. 4.....	139
10.5. ABS — WABCO AIR, P. 5.....	140
10.6. WABCO FULL POWER BRAKES, P. 6.....	141
10.7. WABCO FULL POWER BRAKES, P. 7.....	142
10.8. WABCO FULL POWER BRAKES, P. 8.....	143
10.9. BODY BUILDER AND TRAILER — TURN, MARKERS AND STOP, P. 9.....	144
10.10. BODY BUILDER AND TRAILER — TURN, MARKERS AND STOP, P. 10.....	145
10.11. TRAILER SOCKET — SOC AND EOF, P. 11.....	146
10.12. BODY BUILDER AND TRAILER SOCKET — SOC AND EOF, P. 12.....	147
10.13. BODY BUILDER CONNECTIONS, P. 13.....	148
10.14. REMOTE START / STOP, P. 14.....	149
10.15. AUX TRAILER CIRCUIT, P. 15.....	150
10.16. TWO SPEED AXLE SWITCH, P. 16.....	151
10.17. AIR SOLENOID, P. 17.....	152
10.18. AIR SOLENOID, P. 18.....	153
10.19. REMOTE POWER UNITS, SOLENOID PACKS, REMOTE ENGINE SPEED CONTROLLER, P. 19.....	154
10.20. BLANK PAGE, P. 20.....	155
10.21. AUX AND POWER SOURCE, P. 21.....	156
10.22. AIR DRYER AND HEATED DRAIN VALVE, P. 22.....	157
10.23. FUEL / WATER SEPARATOR, P. 23.....	158
10.24. ELECTRIC TRAILER BRAKE, P. 24.....	159
10.25. LECTRASHIFT ACCOMMODATION, P. 25.....	160
10.26. HOUR METER — PTO, P. 26.....	161
10.27. AUX INPUTS AND DRIVERS, P. 27.....	162
10.28. FUEL TRANSFER PUMP, P. 28.....	163
10.29. BLANK PAGE, P. 29.....	164
10.30. TELEMATICS AWARE — BODY BUILDER, P. 30.....	165
10.31. PRESSURE SWITCH, P. 31.....	166
10.32. LIFT GATE, P. 32.....	167
10.33. WHEELCHAIR LIFT INTERLOCK, P. 33.....	168
10.34. LIFT AXLE WITH CONTROLS FOR ONE LIFT AXLE, P. 34.....	169
10.35. LIFT AXLE (NON-STEERABLE), P. 35.....	170
10.36. LIFT AXLE (STEERABLE), P. 36.....	171
10.37. LIFT AXLES, P. 37.....	172
10.38. LIFT AXLES, P. 37A.....	173
10.39. ABS — BENDIX AIR 6S/6M, P. 38.....	174
10.40. ABS — BENDIX AIR 6S/6M, P. 39.....	175
10.41. LIFT AXLE WITH CONTROLS FOR TWO LIFT AXLES, P. 40.....	176
10.42. LIFT AXLE WITH CONTROLS FOR THREE LIFT AXLES, P. 41.....	177
10.43. LIFT AXLE WITH CONTROLS FOR FOUR LIFT AXLES, P. 42.....	178
10.44. ABS ESP / RSP, P. 43.....	179

10.45. ABS ESP / RSP, P. 44.....	180
11. TRANSMISSIONS (CHAPTER 11).....	181
11.1. ALLISON GEN 4 1/2000 TRANSMISSION WITH I6 AND WITH V8 ENGINE, P. 1.....	181
11.2. ALLISON GEN 4 1/2000 TRANSMISSION WITH I6 AND WITH V8 ENGINE, P. 2.....	182
11.3. ALLISON GEN 4 1/2000 TRANSMISSION W/ I6, CAT, ISM ENGINE, P. 3.....	183
11.4. TRANSMISSION, ALLISON MD WITH I6 AND WITH V8 ENGINE, P. 4.....	184
11.5. TRANSMISSION, ALLISON MD 3/4000 WITH I6 AND WITH V8 ENGINE, P. 5.....	185
11.6. TRANSMISSION, ALLISON MD/HD (WTEC) WITH I6 AND WITH V8 ENGINE, P. 6.....	186
11.7. TRANSMISSION, ALLISON MD/HD (WTEC) WITH I6 AND WITH V8 ENGINE (CONT.), P. 7.....	187
11.8. TRANSMISSION, ALLISON MD (WTEC), P. 8.....	188
11.9. TRANSMISSION, ALLISON MD (WTEC), P. 8A.....	189
11.10. TRANSMISSION, ALLISON MD (WTEC) (ISM ENGINE), P. 9.....	190
11.11. TRANSMISSION, ALLISON MD (WTEC) (ISM ENGINE), P. 10.....	191
11.12. EATON AUTOSHIFT TRANSMISSION W/ I6 ENGINE, P. 11.....	192
11.13. EATON AUTOSHIFT TRANSMISSION, P. 12.....	193
11.14. TRANSMISSION ALLISON MD (WTEC) W/ CAT ENGINE, P. 13.....	194
11.15. TRANSMISSION ALLISON MD (WTEC) W/ CAT ENGINE, P. 14.....	195
11.16. TRANSMISSION RETARDER CONTROLS WIRING WITH MD TRANSMISSION HARD WIRED EFFECTS, P. 15.....	196
11.17. EATON AUTO AND ULTRASHIFT GEN 3 TRANSMISSION W/ CAT AND W/ ISM ENGINE, P. 16.....	197
11.18. ALLISON TRANSMISSION 3/4000 GEN 4 WITH AUTO NEUTRAL, P. 17.....	198
11.19. EATON ULTRASHIFT GEN 3 / MERITOR — G — MANUAL TRANSMISSION, P. 18.....	199
11.20. EATON HYBRID TRANSMISSION, P. 19.....	200
11.21. EATON HYBRID TRANSMISSION, P. 20.....	201
11.22. EATON HYBRID TRANSMISSION, P. 21.....	202
11.23. EATON HYBRID TRANSMISSION, P. 22.....	203
11.24. EATON HYBRID TRANSMISSION, P. 23.....	204
11.25. TRANSMISSION ALLISON MD (WTEC) WITH CAT ENGINE, P. 24.....	205
11.26. FREEDOMLINE TRANSMISSION WITH CAT AND ISM ENGINE, P. 25.....	206
12. AIR CONDITIONING (CHAPTER 12).....	207
12.1. AIR CONDITIONING, P. 1.....	207
12.2. AIR CONDITIONING, P. 2.....	208
12.3. HVAC SYSTEM, P. 3.....	209
12.4. HVAC SYSTEM, P. 4.....	210
12.5. HVAC SYSTEM, P. 5.....	211
12.6. AUTOTHERM SYSTEM, P. 6.....	212
13. CONNECTOR COMPOSITES (CHAPTER 13).....	213
13.1. CONNECTOR COMPOSITES (1J), (2J), (71), P. 1.....	213
13.2. CONNECTOR COMPOSITES (72), (254F), (254M), (345), (400), P. 2.....	214
13.3. CONNECTOR COMPOSITES (421), (422), (422F), (423), (424), (425), P. 3.....	215
13.4. CONNECTOR COMPOSITES (520), (521), (522), (523), (524), (827), P. 4.....	216
13.5. CONNECTOR COMPOSITES (830), (1002), (1003), (1006), P. 5.....	217
13.6. CONNECTOR COMPOSITES (1008), (1009), P. 6.....	218
13.7. CONNECTOR COMPOSITE (1010), P. 7.....	219
13.8. CONNECTOR COMPOSITE (1011), P. 8.....	220
13.9. CONNECTOR COMPOSITE (1012), P. 9.....	221
13.10. CONNECTOR COMPOSITE (1013), P. 10.....	222
13.11. CONNECTOR COMPOSITE (1014), P. 11.....	223

13.12. CONNECTOR COMPOSITE (1015), P. 12.....	224
13.13. CONNECTOR COMPOSITE (1016), P. 13.....	225
13.14. CONNECTOR COMPOSITE (1017), P. 14.....	226
13.15. CONNECTOR COMPOSITE (1018), P. 15.....	227
13.16. CONNECTOR COMPOSITE (1019), P. 16.....	228
13.17. CONNECTOR COMPOSITES (1020), P. 17.....	229
13.18. CONNECTOR COMPOSITES (1021), (1022), (1023A), (1023B), P. 18.....	230
13.19. CONNECTOR COMPOSITES (1023C), (1023D), (1024), (1025), P. 18A.....	231
13.20. CONNECTOR COMPOSITES (1025), (1026), (1029), P. 19.....	232
13.21. CONNECTOR COMPOSITES (1100), (1100MA), (1101), (1101A), P. 20.....	233
13.22. CONNECTOR COMPOSITES (1105), (1106), (1107), (1108), P. 21.....	234
13.23. CONNECTOR COMPOSITES (1109), (1110), (1200), P. 22.....	235
13.24. CONNECTOR COMPOSITES (1210), (1227), (1227M), (1228), P. 23.....	236
13.25. CONNECTOR COMPOSITES (1229), (1230F), (1231), (1240F), P. 24.....	237
13.26. CONNECTOR COMPOSITES (1242), (1243), (1300), (1301), (1338), P. 25.....	238
13.27. CONNECTOR COMPOSITES (1378), (1400), (1401), (1402), P. 26.....	239
13.28. CONNECTOR COMPOSITES (1403), (1410), P. 26A.....	240
13.29. CONNECTOR COMPOSITES (1420), (1421), (1500), P. 27.....	241
13.30. CONNECTOR COMPOSITES (1501), (1510), (1511), (1512), P. 28.....	242
13.31. CONNECTOR COMPOSITES (1556), (1557), (1558), (1600), P. 29.....	243
13.32. CONNECTOR COMPOSITE (1601), P. 30.....	244
13.33. CONNECTOR COMPOSITE (1602), P. 31.....	245
13.34. CONNECTOR COMPOSITES (1603), (1604), (1620), (1623), P. 32.....	246
13.35. CONNECTOR COMPOSITES (1625), (1626), (1650), (1657), P. 33.....	247
13.36. CONNECTOR COMPOSITES (1660), (1661), P. 34.....	248
13.37. CONNECTOR COMPOSITE (1700), P. 35.....	249
13.38. CONNECTOR COMPOSITE (1700), P. 36.....	250
13.39. CONNECTOR COMPOSITE (1700), P. 37.....	251
13.40. CONNECTOR COMPOSITE (1701), P. 38.....	252
13.41. CONNECTOR COMPOSITE (1701), P. 39.....	253
13.42. CONNECTOR COMPOSITE (1701), P. 40.....	254
13.43. CONNECTOR COMPOSITE (1702), P. 41.....	255
13.44. CONNECTOR COMPOSITE (1702), P. 42.....	256
13.45. CONNECTOR COMPOSITE (1702), P. 43.....	257
13.46. CONNECTOR COMPOSITE (1702), P. 44.....	258
13.47. CONNECTOR COMPOSITES (1800), P. 45.....	259
13.48. CONNECTOR COMPOSITES (1804), (1807), (1808), P. 46.....	260
13.49. CONNECTOR COMPOSITES (1809), (1810), (1811), (1812), (1813), (1815), (1822), P. 47.....	261
13.50. CONNECTOR COMPOSITES (1820), (1821), P. 47A.....	262
13.51. CONNECTOR COMPOSITES (1823), (1824), (1825), (1826), (1827), P. 48.....	263
13.52. CONNECTOR COMPOSITES (1828), (1852), (1860), P. 48A.....	264
13.53. CONNECTOR COMPOSITES (1861), (1872), (1873), (1874), (1875), (1900), P. 49.....	265
13.54. CONNECTOR COMPOSITES (1901), (1902), (1910), (1912), (1916), P. 50.....	266
13.55. CONNECTOR COMPOSITES (1918), (1923), (1927), (1929), (1935), (2000), P. 51.....	267
13.56. CONNECTOR COMPOSITES (2000), (2002), (2003), (2004), (2005), (2006), P. 52.....	268
13.57. CONNECTOR COMPOSITES (2020), (2021), (2022), (2115), (2116), (2116M), (2117), (2117M), P. 53.....	269
13.58. CONNECTOR COMPOSITES (2301), (2302), (2303), (2304), (2305), (2502), P. 54.....	270
13.59. CONNECTOR COMPOSITES (2503), (2600), (2601), (2602), P. 55.....	271
13.60. CONNECTOR COMPOSITES (2700), (2700M), P. 56.....	272
13.61. CONNECTOR COMPOSITES (2701), (2701F), (2701G), (2702), P. 57.....	273
13.62. CONNECTOR COMPOSITES (2703), (3000), (3002), (3003), P. 58.....	274

13.63. CONNECTOR COMPOSITES (3100), (3200), (3201), P. 59.....	275
13.64. CONNECTOR COMPOSITES (3202), (3203), (3204), (3208), P. 60.....	276
13.65. CONNECTOR COMPOSITES (3209), (3210), (3211), (3400), (4003), (4004), P. 61.....	277
13.66. CONNECTOR COMPOSITES (4017), (4018), (4019), (4021), (4022), (4037), (4038), (4070), (4071), P. 62.....	278
13.67. CONNECTOR COMPOSITES (4087), (4087A), (4111M), (4120), (4320), P. 63.....	279
13.68. CONNECTOR COMPOSITES (4321), (4322), (4323), (4410D), (4410E), (4410F), P. 64.....	280
13.69. CONNECTOR COMPOSITES (4410H), (4410K), (4410L), (4410M), P. 65.....	281
13.70. CONNECTOR COMPOSITES (4450AM), (4450M), (4460AM), (4460BF), P. 66.....	282
13.71. CONNECTOR COMPOSITES (4460BM), (4460M), (4500), (4905), P. 67.....	283
13.72. CONNECTOR COMPOSITES (4906), (4950), (4951), (5117), P. 68.....	284
13.73. CONNECTOR COMPOSITES (6000), (6001), P. 69.....	285
13.74. CONNECTOR COMPOSITES (6010), (6011), P. 70.....	286
13.75. CONNECTOR COMPOSITES (6020M), P. 71.....	287
13.76. CONNECTOR COMPOSITES (6020), P. 72.....	288
13.77. CONNECTOR COMPOSITES (6022), (6023), P. 73.....	289
13.78. CONNECTOR COMPOSITES (6200), (6201), (6259), (6260), P. 74.....	290
13.79. CONNECTOR COMPOSITES (6261), (6262), (6263), (6304), (6323), P. 75.....	291
13.80. CONNECTOR COMPOSITES (6334), (6400), (6401), P. 76.....	292
13.81. CONNECTOR COMPOSITES (6402), (6403), (6406M), P. 77.....	293
13.82. CONNECTOR COMPOSITES (6407M), (6550), (6650), (6701), P. 77A.....	294
13.83. CONNECTOR COMPOSITES (6702), (6703), (6703M), (6704), P. 78.....	295
13.84. CONNECTOR COMPOSITES (6704M), (6712), (6714), (6747), P. 79.....	296
13.85. CONNECTOR COMPOSITES (6900), (6901), (7103), (7103M), (7104), P. 80.....	297
13.86. CONNECTOR COMPOSITES (7104), (7105), P. 81.....	298
13.87. CONNECTOR COMPOSITES (7110), (7111), P. 82.....	299
13.88. CONNECTOR COMPOSITES (7150), P. 83.....	300
13.89. CONNECTOR COMPOSITES (7150F), P. 84.....	301
13.90. CONNECTOR COMPOSITES (7151), P. 85.....	302
13.91. CONNECTOR COMPOSITES (7205M), (7206F), P. 86.....	303
13.92. CONNECTOR COMPOSITES (7210), (7211), (7212), (7213), P. 87.....	304
13.93. CONNECTOR COMPOSITES (7250), (7251), (7350), P. 88.....	305
13.94. CONNECTOR COMPOSITES (7500), (7502M), (7600), (7601), (7601M), P. 89.....	306
13.95. CONNECTOR COMPOSITES (7602), (7603), (7604), (7605), (7607), (7608), (7609), (7611), P. 90.....	307
13.96. CONNECTOR COMPOSITES (7615), (7700), (7702), (7703), (7801), P. 91.....	308
13.97. CONNECTOR COMPOSITES (7801M), (7802), P. 92.....	309
13.98. CONNECTOR COMPOSITES (7905), (7909), P. 93.....	310
13.99. CONNECTOR COMPOSITES (7910), (7911), P. 93A.....	311
13.100. CONNECTOR COMPOSITES (8000), (8001), (8102), (8103), (8150), (8151), P. 94.....	312
13.101. CONNECTOR COMPOSITES (8200), (8201), (8301), (8303), (8305), (8310), (8311), P. 95.....	313
13.102. CONNECTOR COMPOSITES (8312), (8500), (8501), (8502), (8502A), (8503), (8503A), P. 96.....	314
13.103. CONNECTOR COMPOSITES (8505), (8506), (8507), (8508), (8509), (8601), (8602), P. 97.....	315
13.104. CONNECTOR COMPOSITES (8700), (8701), (8750), P. 97A.....	316
13.105. CONNECTOR COMPOSITES (8800), (8801), (8802), (8803), P. 98.....	317
13.106. CONNECTOR COMPOSITES (8803), (8805), (8806), P. 99.....	318
13.107. CONNECTOR COMPOSITES (8807), (8809), (8900), (9001), P. 100.....	319
13.108. CONNECTOR COMPOSITES (9100), (9101), (9102), (9103), (9108), (9255), (9260), (9261), (9280), P. 101.....	320
13.109. CONNECTOR COMPOSITES (9300), (9303), P. 102.....	321

13.110. CONNECTOR COMPOSITES (9310), (9311), (9315), (9316), (9501), (9502), (9503), (9504), P. 103.....	322
13.111. CONNECTOR COMPOSITES (9506), (9510), (9510A), (9510B), (9510F), (9510M), P. 104.....	323
13.112. CONNECTOR COMPOSITE (9511), P. 105.....	324
13.113. CONNECTOR COMPOSITES (9512), (9513), (9514), P. 106.....	325
13.114. CONNECTOR COMPOSITES (9516), (9517), (9518), (9519), (9520), (9521), (9522), (9523), (9524), P. 107.....	326
13.115. CONNECTOR COMPOSITES (9524), (9530), P. 108.....	327
13.116. CONNECTOR COMPOSITES (9715), (9716), P. 109.....	328
13.117. CONNECTOR COMPOSITES (9718), (9719M), (9720), (9736), (9737), P. 110.....	329
13.118. CONNECTOR COMPOSITE (9740), P. 111.....	330
13.119. CONNECTOR COMPOSITES (9740), (9745), (9746), (9747), (9748), P. 112.....	331
13.120. CONNECTOR COMPOSITES (9751), (9752), (9753), (9753A), (9754), P. 113.....	332
13.121. CONNECTOR COMPOSITES (9758), (9759), (9760), P. 114.....	333
13.122. CONNECTOR COMPOSITE (9761), P. 115.....	334
13.123. CONNECTOR COMPOSITES (9761F), (9762), (9763), (9764), (9765), (9766), P. 116.....	335
13.124. CONNECTOR COMPOSITES (9775), (9777), (9777A), (9778), P. 117.....	336
13.125. CONNECTOR COMPOSITES (9779F), (9780M), (9781M), (9782F), P. 118.....	337
13.126. CONNECTOR COMPOSITES (9800), P. 119.....	338
13.127. CONNECTOR COMPOSITES (9811), (9812), (9814), (9815), (9820M), P. 120.....	339
13.128. CONNECTOR COMPOSITES (9830), (9832), (9900), (9900E), P. 121.....	340
13.129. CONNECTOR COMPOSITES (9913B), (9915), (9920), (9921), (9994), (9999), P. 122.....	341

1. TABLE OF CONTENTS (CHAPTER 1)

2. INSTRUCTIONS AND CHARTS (CHAPTER 2)

2.1. ABBREVIATIONS, P. 1

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

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
RAW6	04DEC07	DELETED AC & RR FROM	B	61000T	U00K640	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
	ABBREVIATIONS LIST				RELEASE NO.	DATE
					59974G	12SEP06
					PART NO.	SHEET
					AE08056608	001

Figure 1 Abbreviations

2.2. ACRONYMS, P. 2

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2																																																																																																																																																																																					
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">DESCRIPTION</th> <th style="width: 50%;">ACRONYM</th> <th style="width: 50%;">DESCRIPTION</th> <th style="width: 50%;">ACRONYM</th> </tr> </thead> <tbody> <tr><td>ANTILOCK BRAKING SYSTEM</td><td>ABS</td><td>HEAVY DUTY DIESEL</td><td>HDD</td></tr> <tr><td>ANTENNA COMMUNICATION UNIT</td><td>ACU</td><td>HIGH PERFORMANCE TRUCK</td><td>HPT</td></tr> <tr><td>ALTERNATING CURRENT</td><td>AC</td><td>HIGH SIDE DRIVER</td><td>HSD</td></tr> <tr><td>AXLE TO BACK OF CAB</td><td>AC</td><td>HEATING, VENTILATION, AND AIR CONDITIONING</td><td>HVAC</td></tr> <tr><td>AXLE TO FRAME</td><td>AF</td><td>INJECTOR DRIVE MODULE</td><td>IDM</td></tr> <tr><td>ACCELERATOR PEDAL MODULE</td><td>APM</td><td>INPUT/OUTPUT</td><td>I/O</td></tr> <tr><td>ACCELERATOR POSITION SENSOR</td><td>APS</td><td>INTEGRATED MOBILE COMMUNICATION TERMINAL</td><td>IMCT</td></tr> <tr><td>AUXILIARY POWER UNIT</td><td>APU</td><td>INSTRUMENT PANEL</td><td>I/P</td></tr> <tr><td>AMERICAN TRUCKING ASSOCIATION</td><td>ATA</td><td>INDEPENDENT POWER TAKE-OFF</td><td>IPTO</td></tr> <tr><td>AUTOMATIC TRACTION CONTROL</td><td>ATC</td><td>INPUT SPEED SENSOR</td><td>ISS</td></tr> <tr><td>AUDIO VIDEO INTERFACE</td><td>AVI</td><td>LIGHT COMMERCIAL TRANSMISSION</td><td>LCT</td></tr> <tr><td>BAROMETRIC ATMOSPHERE PRESSURE</td><td>BAP</td><td>LOW PRESSURE MODULE</td><td>LPM</td></tr> <tr><td>BRAKE HORSEPOWER</td><td>BHP</td><td>LOW SIDE DRIVE</td><td>LSD</td></tr> <tr><td>BACK OF CAB</td><td>BOC</td><td>MEDIUM DUTY</td><td>MD</td></tr> <tr><td>CITIZEN BAND</td><td>CB</td><td>MOMENTARY ENGINE IGNITION INTERRUPT RELAY</td><td>MEIIR</td></tr> <tr><td>COLD CRANKING AMPERES</td><td>CCA</td><td>MAJFUNCTION INDICATION LAMP</td><td>MIL</td></tr> <tr><td>CLEAN POWER ELECTRICAL CONNECTOR</td><td>CEC</td><td>MULTIPLY SWITCH MODULE</td><td>MSM</td></tr> <tr><td>CENTRAL JUNCTION BOX</td><td>CJB</td><td>OUTPUT SPEED 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HEAVY DUTY	HD																																																																																																																																																																																						
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Figure 2 Acronyms

2.3. CIRCUIT DIAGRAM INSTRUCTIONS, P. 3

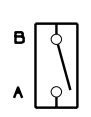
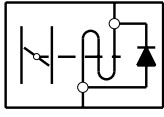
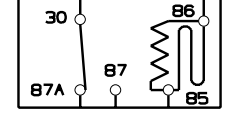
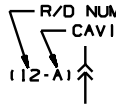
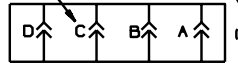

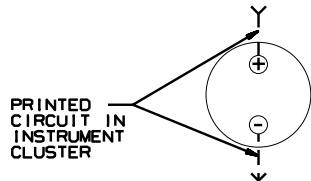

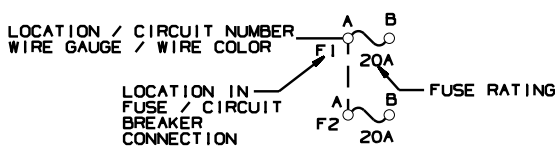
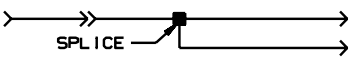
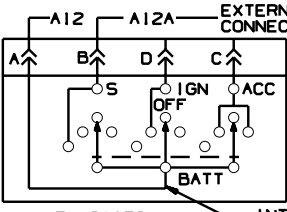
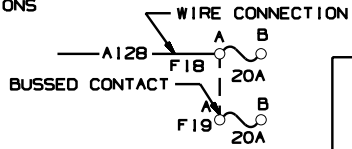
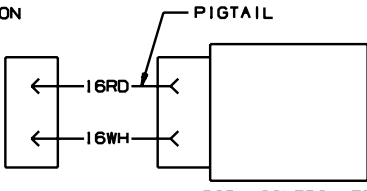

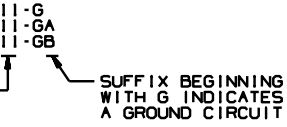
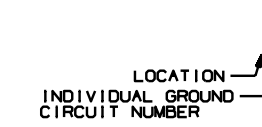
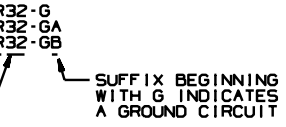
<p>INTERNATIONAL TRUCK AND ENGINE CORPORATION THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p>	<p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2 CIRCUIT DIAGRAM INSTRUCTIONS</p>																																										
<p>A - SWITCH AND RELAY POSITIONS AS SHOWN ON CIRCUIT DIAGRAMS INDICATE NORMAL POSITION WITH IGNITION OFF UNLESS OTHERWISE NOTED.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>SWITCH, MECHANICAL</p> </div> <div style="text-align: center;">  <p>SOLENOID</p> </div> <div style="text-align: center;">  <p>RELAY - SUPPRESSED</p> </div> </div>	<p>B - MULTIPLE CONNECTIONS ARE DISPLAYED ON SCHEMATIC AS SHOWN WITH R/D NUMBER & CAVITY NUMBER. REFER TO CONNECTOR COMPOSITE FOR MORE INFORMATION</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>R/D NUMBER CAVITY NUMBER</p> </div> <div style="text-align: center;">  <p>CAVITY NUMBER R/D NUMBER</p> </div> </div> <p>AND/OR</p> <div style="text-align: center;">  <p>SINGLE IN-LINE CONNECTORS DISPLAYED AS SHOWN BELOW WITHOUT R/D NUMBER</p> </div>																																										
<p>C - PHANTOM LINES INDICATE PRINTED CIRCUITS OR BUSSED CIRCUITS. THESE CIRCUITS EXIST IN THE INSTRUMENT CLUSTER AND FUSE / CIRCUIT BREAKER CONNECTORS.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>PRINTED CIRCUIT IN INSTRUMENT CLUSTER</p> </div> <div style="text-align: center;">  <p>VOLTMETER</p> </div> <div style="text-align: center;">  <p>LOCATION / CIRCUIT NUMBER WIRE GAUGE / WIRE COLOR</p> <p>LOCATION IN FUSE / CIRCUIT BREAKER CONNECTION</p> <p>FUSE RATING</p> </div> </div>																																											
<p>D - MULTIPLE CIRCUIT NUMBERS ON A LINE INDICATE ONE CIRCUIT DISTRIBUTING CURRENT TO TWO CIRCUITS.</p> <div style="text-align: center;">  <p>SPLICE</p> </div>																																											
<p>E - SWITCHES, RELAYS AND COMPONENTS INDICATE EXTERNAL WIRE CONNECTIONS AND / OR INTERNAL CONNECTIONS OR CONTACTS.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>KEY SWITCH (1101M)</p> </div> <div style="text-align: center;">  <p>EXTERNAL WIRE CONNECTIONS</p> <p>WIRE CONNECTION</p> <p>BUSSED CONTACT</p> </div> <div style="text-align: center;">  <p>PIGTAIL</p> <p>16RD</p> <p>16WH</p> <p>BODY CONTROLLER (1602)</p> </div> </div>																																											
<p>F - CIRCUIT "11" DENOTES ANY COMMON GROUND (MORE THAN ONE CIRCUIT). ANY INDIVIDUAL GROUND CIRCUIT IS IDENTIFIED WITH THAT PARTICULAR CIRCUIT NUMBER. I.E.G. CIRCUIT 32 CRUISE CONTROL IS IDENTIFIED AS PER EXAMPLE)</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>COMMON GROUND CIRCUIT NUMBER</p> </div> <div style="text-align: center;">  <p>SUFFIX BEGINNING WITH G INDICATES A GROUND CIRCUIT</p> </div> <div style="text-align: center;">  <p>INDIVIDUAL GROUND CIRCUIT NUMBER</p> </div> <div style="text-align: center;">  <p>SUFFIX BEGINNING WITH G INDICATES A GROUND CIRCUIT</p> </div> </div> <p style="text-align: center; margin-top: 10px;">NOTE: FOR CIRCUIT DESCRIPTION OTHER THAN GROUNDS NEITHER THE LETTER "G" NOR THE COLOR WHITE SHALL BE USED</p>																																											
<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>CHK</td> <td>DATE</td> <td>CHANGE</td> <td>REV</td> <td>REFERENCE</td> <td>DRAWN</td> <td>NAME</td> </tr> <tr> <td>CNA</td> <td>05MAY07</td> <td>REVISED & REDRAWN</td> <td>A</td> <td>60782A</td> <td>U00K640</td> <td>42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>59974G</td> <td>20APR06</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PART NO.</td> <td>SHEET</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>AE08-56608</td> <td>03</td> </tr> </table>		CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA	05MAY07	REVISED & REDRAWN	A	60782A	U00K640	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS						RELEASE NO.	DATE						59974G	20APR06						PART NO.	SHEET						AE08-56608	03
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Figure 3 Circuit Diagram Instructions

2.4. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 4

INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2 CIRCUIT NUMBER IDENTIFICATION AND COLOR																																																																																																																																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">CIRCUIT NUMBER</th> <th style="width:10%;">COLOR</th> <th style="width:80%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>1</td><td>LTBL</td><td>ALTERNATOR - FIELD</td></tr> <tr><td>2</td><td>RD</td><td>ALTERNATOR - CHARGE</td></tr> <tr><td rowspan="2">3</td><td>DKBL</td><td>SERIAL / DATA COMMUNICATION J1587 / J1708 (+)</td></tr> <tr><td>GY</td><td>SERIAL / DATA COMMUNICATION J1587 / J1708 (-)</td></tr> <tr><td rowspan="2">4</td><td>DKBL</td><td>SERIAL / DATA COMMUNICATION J1922 (+)</td></tr> <tr><td>GY</td><td>SERIAL / DATA COMMUNICATION J1922 (-)</td></tr> <tr><td rowspan="2">5</td><td>YL</td><td>SERIAL / DATA COMMUNICATION J1939 /11 / J1939/15 (+)</td></tr> <tr><td>GN</td><td>SERIAL / DATA COMMUNICATION J1939 /11 / J1939/15 (-)</td></tr> <tr><td>6</td><td>GY</td><td>LOW VOLTAGE ELECTRONIC FEED (LESS THAN 9 VOLTS)</td></tr> <tr><td>7</td><td>RD</td><td>ALTERNATOR - RESISTANCE</td></tr> <tr><td>8</td><td></td><td></td></tr> <tr><td>9</td><td>GY</td><td>LOW VOLTAGE ELECTRONIC GROUND</td></tr> <tr><td>10</td><td>WH</td><td>CHASSIS / ENGINE GROUND</td></tr> <tr><td>11</td><td>WH</td><td>CAB / SLEEPER GROUND</td></tr> <tr><td>12</td><td>LTBL</td><td>ACCESSORY FEED</td></tr> <tr><td rowspan="2">13</td><td>PK</td><td>IGNITION FEED</td></tr> <tr><td>BK</td><td>IGNITION FEED (BODY BUILDER CONNECTOR)</td></tr> <tr><td>14</td><td>RD</td><td>BATTERY FEED</td></tr> <tr><td>15</td><td>RD</td><td>KEY SWITCH FEED</td></tr> <tr><td>16</td><td></td><td></td></tr> <tr><td>17</td><td>PK</td><td>STARTER CONTROL</td></tr> <tr><td>18</td><td>PK</td><td>GLOW PLUG / PRE-HEATER</td></tr> <tr><td>19</td><td>GY</td><td>ENGINE SHUTDOWN</td></tr> <tr><td>20</td><td>LTGN</td><td>REMOTE POWER MODULE</td></tr> <tr><td>21</td><td>TN</td><td>COLD START CONTROLS (ETHER)</td></tr> <tr><td>22</td><td>TN</td><td>TIRE PRESSURE MONITORING / CONTROL</td></tr> <tr><td>23</td><td>TN</td><td>ENGINE FAN / SHUTTERS</td></tr> <tr><td>24</td><td>GY</td><td>ENGINE EXHAUST BRAKE</td></tr> <tr><td>25</td><td>TN</td><td>PYROMETER</td></tr> <tr><td>26</td><td>TN</td><td>AMMETER</td></tr> <tr><td>27</td><td>TN</td><td>VOLTMETER</td></tr> <tr><td>28</td><td>TN</td><td>INSTRUMENTS AND GAUGES</td></tr> <tr><td>29</td><td>TN</td><td>ENGINE WATER TEMPERATURE</td></tr> <tr><td>30</td><td>TN</td><td>ENGINE OIL TEMPERATURE</td></tr> <tr><td>31</td><td>TN</td><td>TRANSMISSION OIL TEMPERATURE</td></tr> <tr><td>32</td><td>TN</td><td>AXLE OIL TEMPERATURE</td></tr> <tr><td>33</td><td>TN</td><td>ENGINE OIL LEVEL</td></tr> <tr><td>34</td><td>TN</td><td>COOLANT LEVEL</td></tr> <tr><td>35</td><td>TN</td><td>ENGINE OIL PRESSURE</td></tr> <tr><td>36</td><td>TN</td><td>FUEL LEVEL</td></tr> <tr><td>37</td><td>TN</td><td>FUEL PUMP</td></tr> <tr><td>38</td><td>GY</td><td>LIFT AXLE</td></tr> <tr><td>39</td><td>GY</td><td>AIR DRYER HEATER</td></tr> <tr><td>40</td><td>GY</td><td>LOW AIR PRESSURE WARNING</td></tr> <tr><td>41</td><td>TN</td><td>AIR TEMPERATURE</td></tr> <tr><td>42</td><td>GY</td><td>FRONT AXLE ENGAGED</td></tr> <tr><td>43</td><td>GY</td><td>POWER DIVIDER LOCK (PDL) WARNING</td></tr> <tr><td>44</td><td>GY</td><td>PARK BRAKE WARNING</td></tr> <tr><td>45</td><td>LTGN</td><td>ANTI-THEFT WARNING</td></tr> </tbody> </table>				CIRCUIT NUMBER	COLOR	DESCRIPTION	1	LTBL	ALTERNATOR - FIELD	2	RD	ALTERNATOR - CHARGE	3	DKBL	SERIAL / DATA COMMUNICATION J1587 / J1708 (+)	GY	SERIAL / DATA COMMUNICATION J1587 / J1708 (-)	4	DKBL	SERIAL / DATA COMMUNICATION J1922 (+)	GY	SERIAL / DATA COMMUNICATION J1922 (-)	5	YL	SERIAL / DATA COMMUNICATION J1939 /11 / J1939/15 (+)	GN	SERIAL / DATA COMMUNICATION J1939 /11 / J1939/15 (-)	6	GY	LOW VOLTAGE ELECTRONIC FEED (LESS THAN 9 VOLTS)	7	RD	ALTERNATOR - RESISTANCE	8			9	GY	LOW VOLTAGE ELECTRONIC GROUND	10	WH	CHASSIS / ENGINE GROUND	11	WH	CAB / SLEEPER GROUND	12	LTBL	ACCESSORY FEED	13	PK	IGNITION FEED	BK	IGNITION FEED (BODY BUILDER CONNECTOR)	14	RD	BATTERY FEED	15	RD	KEY SWITCH FEED	16			17	PK	STARTER CONTROL	18	PK	GLOW PLUG / PRE-HEATER	19	GY	ENGINE SHUTDOWN	20	LTGN	REMOTE POWER MODULE	21	TN	COLD START CONTROLS (ETHER)	22	TN	TIRE PRESSURE MONITORING / CONTROL	23	TN	ENGINE FAN / SHUTTERS	24	GY	ENGINE EXHAUST BRAKE	25	TN	PYROMETER	26	TN	AMMETER	27	TN	VOLTMETER	28	TN	INSTRUMENTS AND GAUGES	29	TN	ENGINE WATER TEMPERATURE	30	TN	ENGINE OIL TEMPERATURE	31	TN	TRANSMISSION OIL TEMPERATURE	32	TN	AXLE OIL TEMPERATURE	33	TN	ENGINE OIL LEVEL	34	TN	COOLANT LEVEL	35	TN	ENGINE OIL PRESSURE	36	TN	FUEL LEVEL	37	TN	FUEL PUMP	38	GY	LIFT AXLE	39	GY	AIR DRYER HEATER	40	GY	LOW AIR PRESSURE WARNING	41	TN	AIR TEMPERATURE	42	GY	FRONT AXLE ENGAGED	43	GY	POWER DIVIDER LOCK (PDL) WARNING	44	GY	PARK BRAKE WARNING	45	LTGN	ANTI-THEFT WARNING
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Figure 4 Circuit Number Identification and Color

2.5. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 5

CIRCUIT NUMBER	COLOR	DESCRIPTION
46	GY	POWER TAKE-OFF 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 RECIRCULATION 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
81	LTGN	POWER DOOR LOCKS
82	GY	WINDSHIELD WIPER
83	LTGN	POWER WINDOWS
84	LTGN	CIGAR LIGHTER
85	GY	HORN

CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME
RAW6	04DEC07	REVISED AND REDRAWN	B	61000T	U00K640	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500
					RELEASE NO.	DATE
					59974G	12SEP06
						PART NO.
						AE08056608
						SHEET
						005

Figure 5 Circuit Number Identification and Color (Cont.)

2.6. CIRCUIT NUMBER IDENTIFICATION AND COLOR, P. 6

INTERNATIONAL TRUCK AND ENGINE CORPORATION		ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2																																																																																																																													
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Figure 6 Circuit Number Identification and Color (Cont.)

2.7. LAMP BULB CHART, P. 7

INTERNATIONAL TRUCK AND ENGINE CORPORATION				ELECTRICAL CIRCUIT DIAGRAM		CHAPTER 2																																								
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					59974G	20APR06	AF08-56608 07																																							

Figure 7 Lamp Bulb Chart

2.8. RELAY FUNCTION AND WIRING GUIDE, P. 8

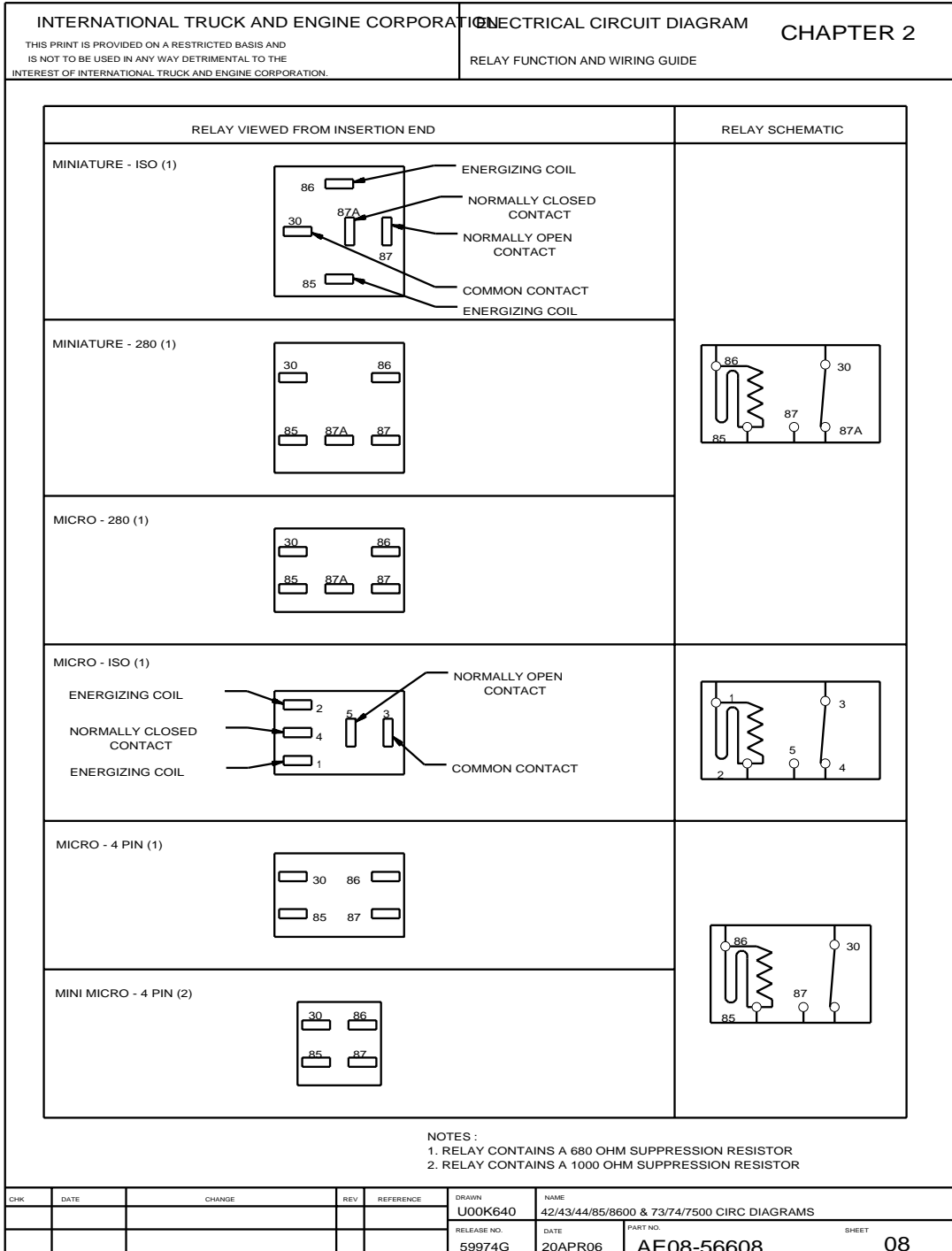


Figure 8 Relay Function and Wiring Guide

2.9. SCHEMATIC SYMBOL CHART, P. 9

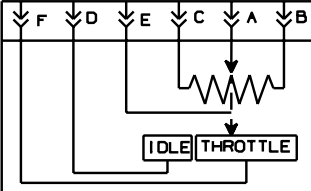
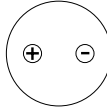
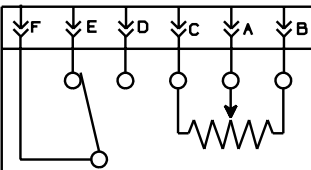
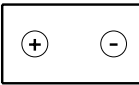
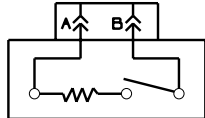
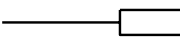
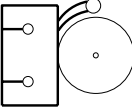
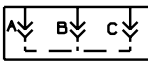
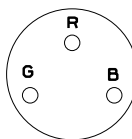
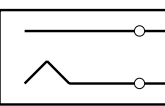



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SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION																					
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	ACCEL PEDAL POSN SENSOR		BATTERY																					
	AIR DRYER		BLUNT CUT CIRCUIT																					
	ALARM		BUSBAR																					
	ALTERNATOR		CIGAR LIGHTER																					
		TYPE 1  TYPE 2 OR 3 	CIRCUIT BREAKER																					
			DIODE																					
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Figure 9 Schematic Symbol Chart

2.10. SCHEMATIC SYMBOL CHART, P. 10


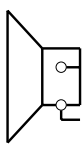
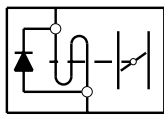

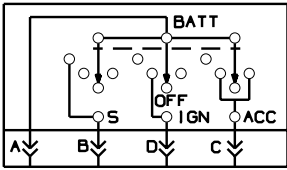


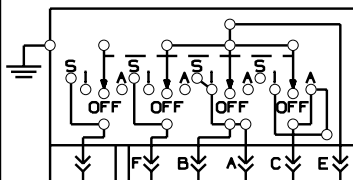
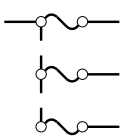

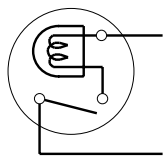

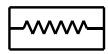
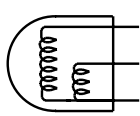
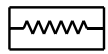
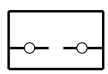

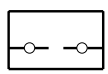
INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2 SCHEMATIC SYMBOL CHART (CONT)																																											
	DIODE, LIGHT EMITTING		HORN		FAN SOLENOID																																										
	FEMALE TERMINAL		KEY SWITCH		FUSE																																										
	FUSIBLE LINK		KEY SWITCH, COMPLEX		FUSES W/ BUSBAR																																										
	GROUND N/ STUD		LIGHT W/ SWITCH		GROUND N/ STUD																																										
	HEATER		LIGHT, DOUBLE FILAMENT		HEATER																																										
	HOLDER, FUSE W/ BUSBAR		LIGHT, SINGLE FILAMENT		HOLDER, FUSE W/ BUSBAR																																										
<table border="1"> <tr> <th>CHR</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>CNA</td> <td>0MAY07</td> <td>REVISED & REDRAWN</td> <td>A</td> <td>60782A</td> <td>U00K640</td> <td>42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>RELEASE NO.</td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>59974G</td> <td>12SEP06</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PART NO.</td> <td>SHEET</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>AE08-56608</td> <td>10</td> </tr> </table>	CHR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	CNA	0MAY07	REVISED & REDRAWN	A	60782A	U00K640	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS						RELEASE NO.	DATE						59974G	12SEP06						PART NO.	SHEET						AE08-56608	10					
CHR	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME																																									
CNA	0MAY07	REVISED & REDRAWN	A	60782A	U00K640	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS																																									
					RELEASE NO.	DATE																																									
					59974G	12SEP06																																									
					PART NO.	SHEET																																									
					AE08-56608	10																																									

Figure 10 Schematic Symbol Chart (Cont.)

2.11. SCHEMATIC SYMBOL CHART, P. 11

INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small>				ELECTRICAL CIRCUIT DIAGRAM CHAPTER 2 SCHEMATIC SYMBOL CHART (CONT.)	
	SYMBOL	DESCRIPTION		SYMBOL	DESCRIPTION
→		MALE TERMINAL	——		RESISTOR
		MOTOR			SENDER - FUEL, OIL, TEMP, WATER
		PASS THRU CONNECTION			SENSOR, PRESSURE, ABS 6
		PRESSURE SWITCH			SENSOR, MAGNETIC
		RELAY, FIVE TERMINAL			SENSOR, YAW
		RELAY, FOUR TERMINAL			SOLENOID
		RELAY, LATCHING			SOLENOID W/ DIODE

CHR	DATE	CHANGE	REV	REFERENCE	DWRN	NAME
CNA	9MAY07	REVISED & REDRAWN	A	60782A	U00K640	42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
					RELEASE NO.	DATE
					59974G	20APR06
					PART NO.	SHEET
					AE08-56608	11

Figure 11 Schematic Symbol Chart (Cont.)

2.12. SCHEMATIC SYMBOL CHART, P.12

INTERNATIONAL TRUCK AND ENGINE CORPORATION				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 INTERNATIONAL TRUCK AND ENGINE CORPORATION.				SCHEMATIC SYMBOL CHART (CONT)			
SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION	
		SPEAKER				SWITCH, PUSH BUTTON	
		SPLICE				TERMINATING RESISTOR	
		STUD				THERMISTOR	
		START MOTOR W/ TOCP				THERMOSTAT	
		SWITCH, MECHANICAL (NORMALLY OPEN)				VALVE, ETHER BOTTLE	
		SWITCH, MECHANICAL (NORMALLY CLOSED)				VALVE, MODULATOR	
CHK	DATE	CHANGE	REV	REFERENCE	DRAWN	NAME	
RAW6	04DEC07	REVISED START MOTOR	B	61000T	U00K640	CIRCUIT DIAGRAM, 42/43/44/85/8600 & 73/74/7500	
	SYMBOL				RELEASE NO.	DATE	PART NO.
					59974G	20APR06	AE08056608
						SHEET	012

Figure 12 Schematic Symbol Chart (Cont.)

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

3.1. BATTERY FEED, P. 1

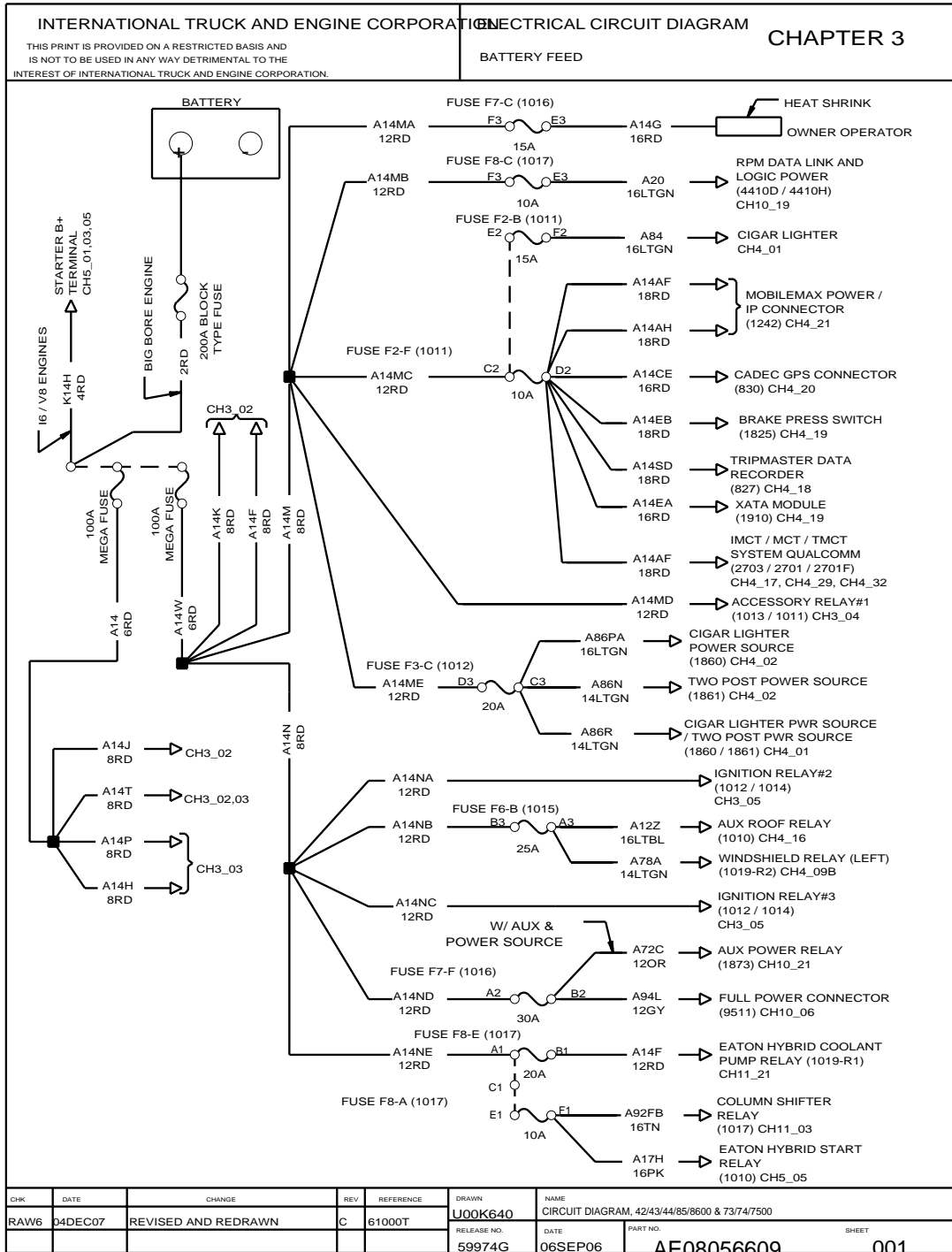


Figure 13 Battery Feed

3.2. BATTERY FEED, P. 2

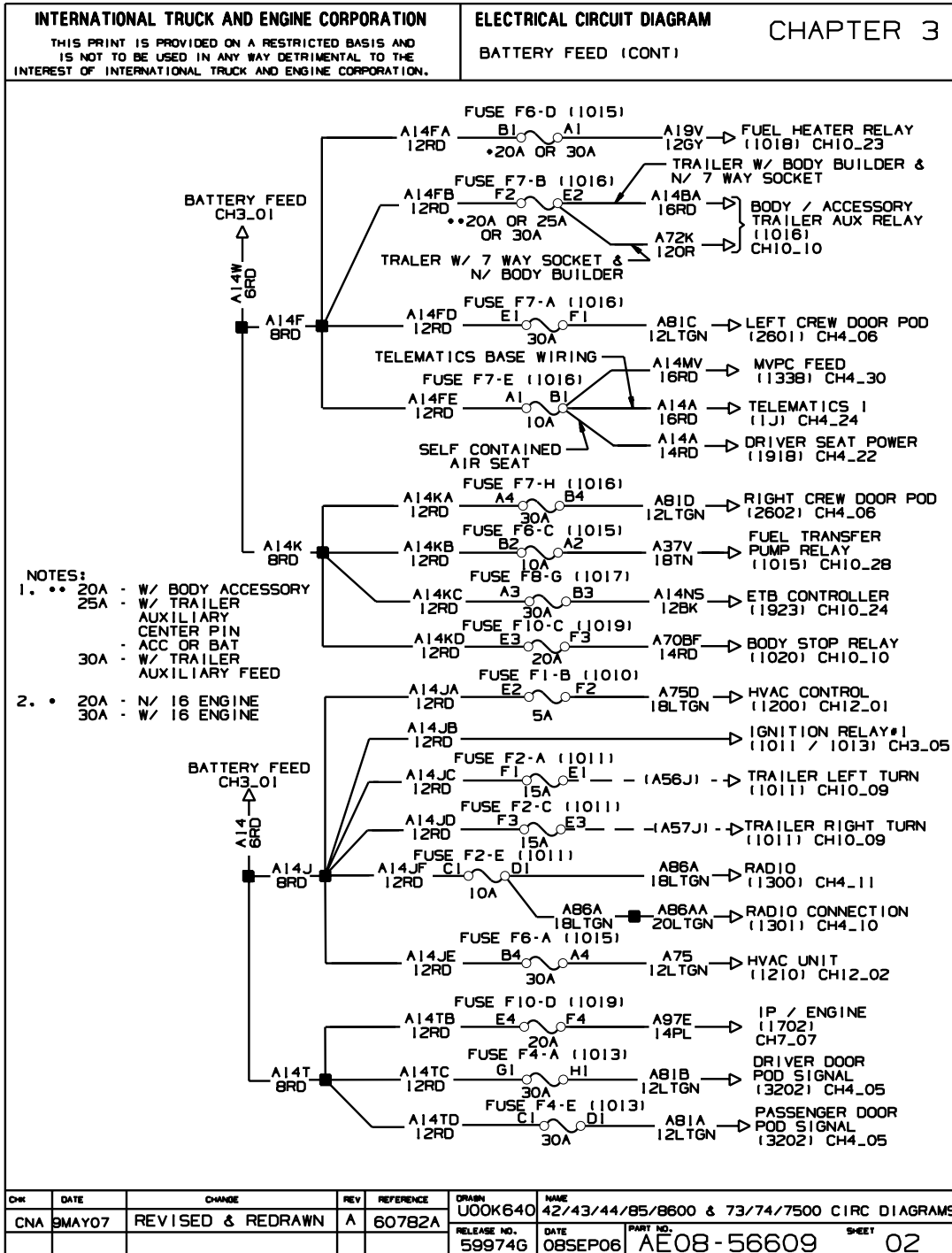


Figure 14 Battery Feeds (Cont.)

3.3. BATTERY FEED, P. 3

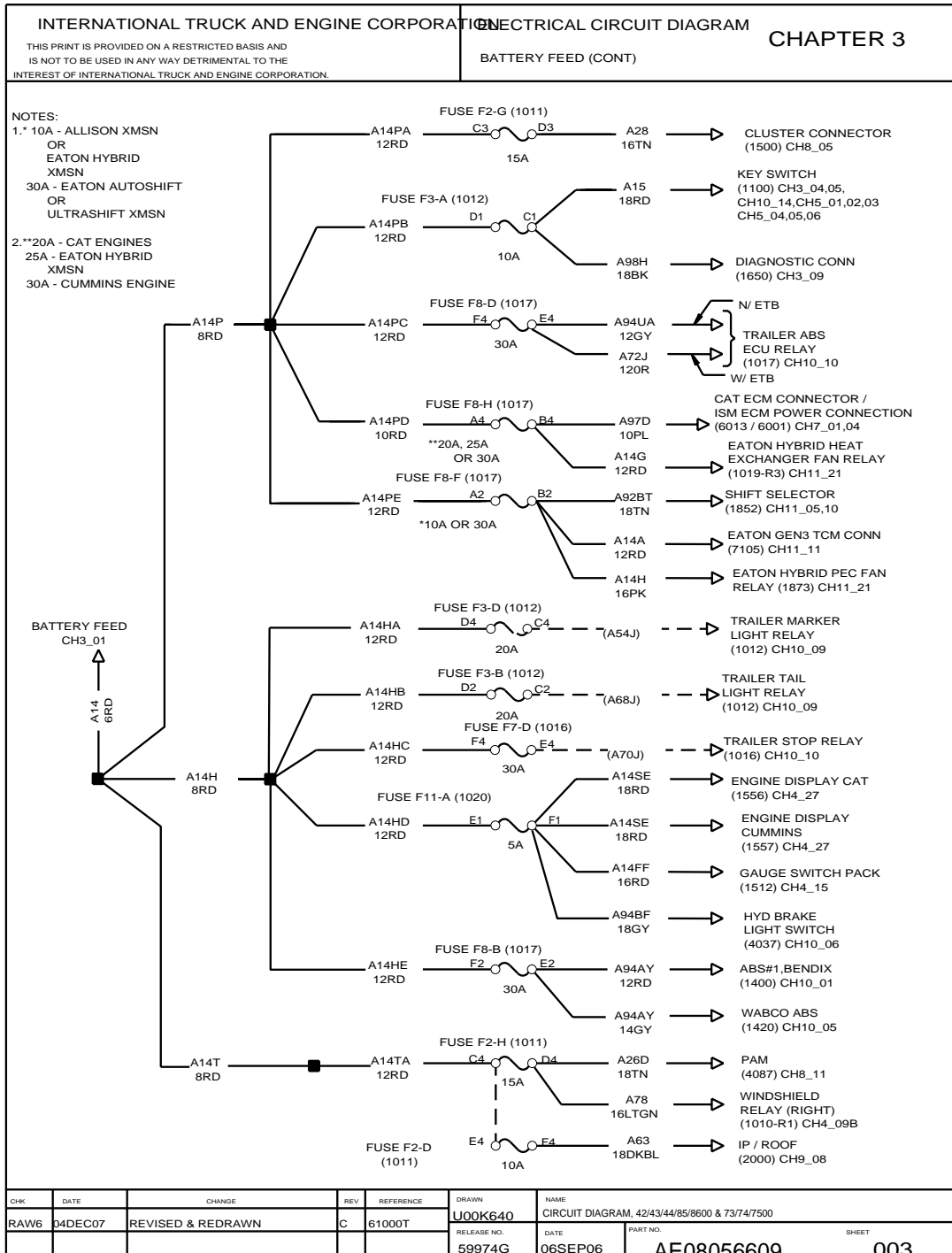


Figure 15 Battery Feed (Cont.)

3.4. ACCESSORY FEED, P. 4

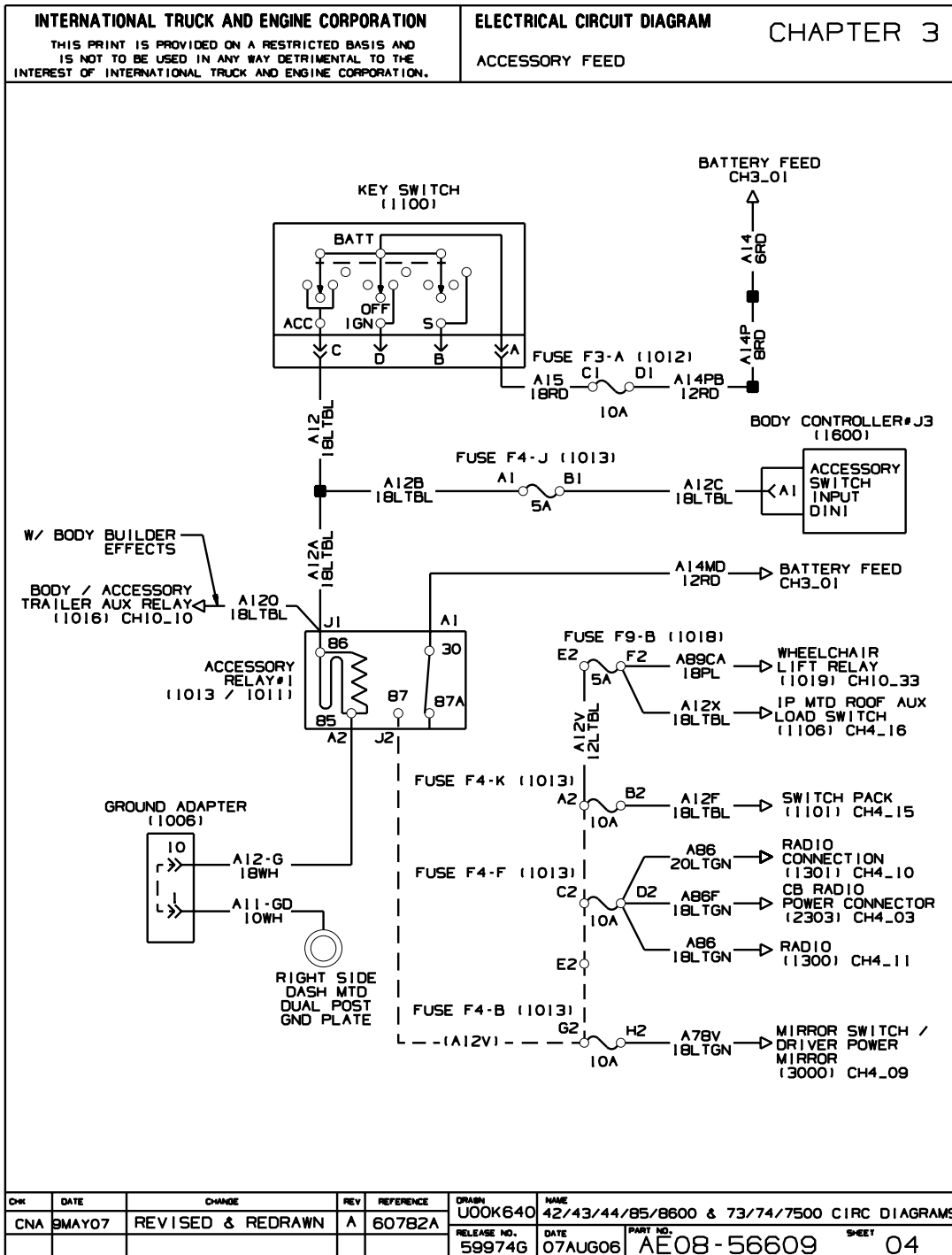


Figure 16 Accessory Feed

3.5. IGNITION FEED — STANDARD, THEFT DETERRENT, REMOTE START/STOP, P. 5

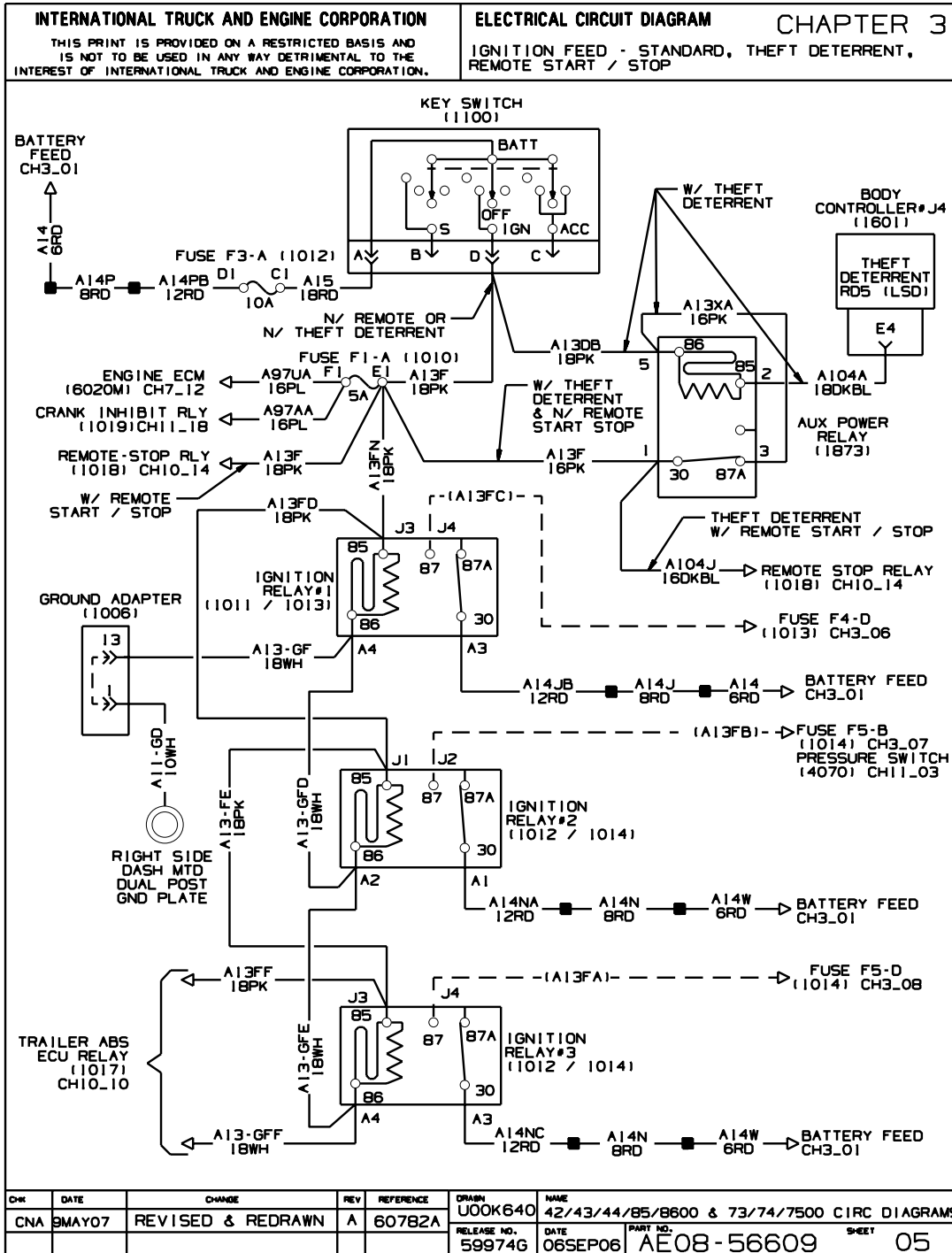


Figure 17 Ignition Feed — Standard, Theft Deterrent, Remote Start/Stop

3.6. IGNITION FEED RELAY 1, P. 6

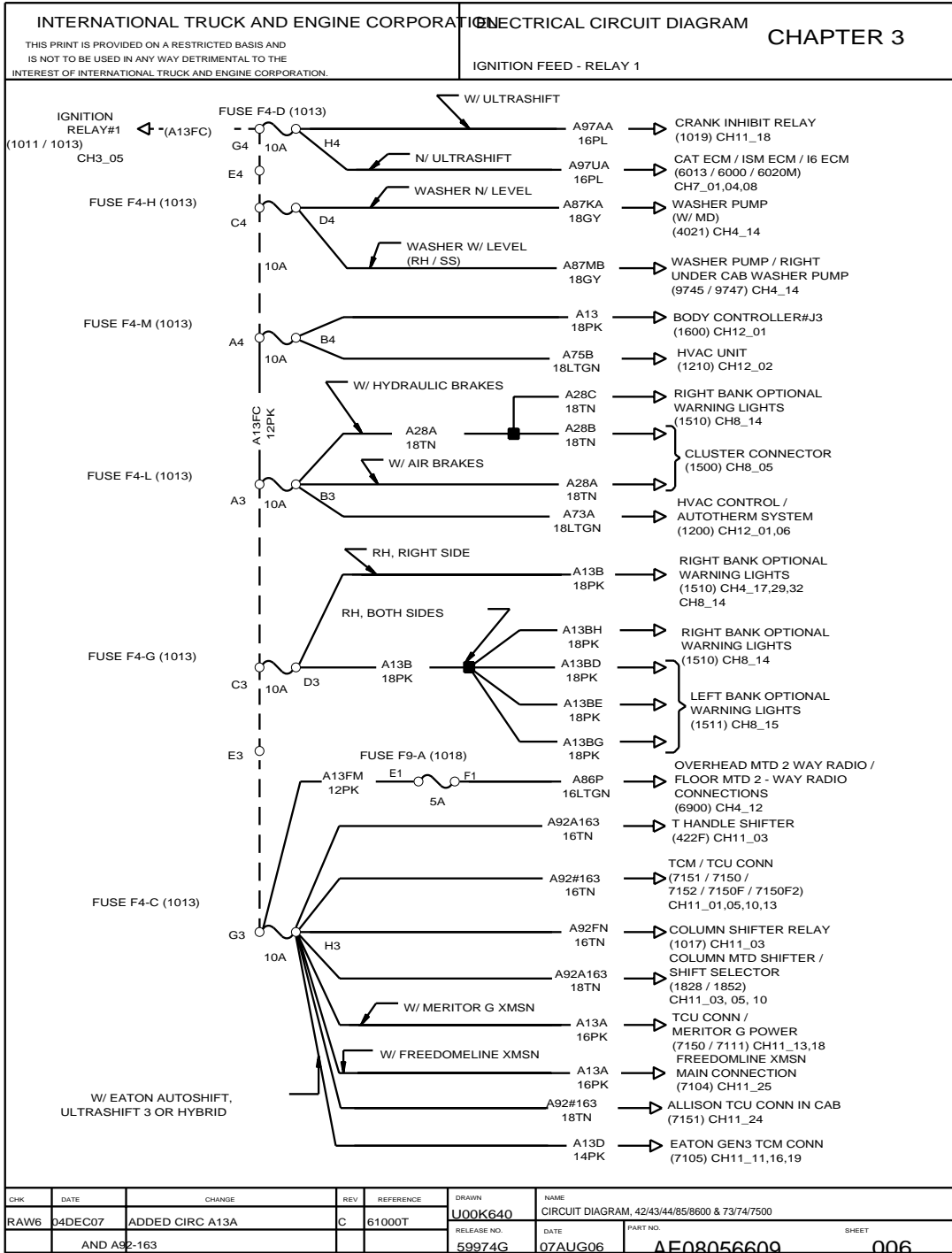


Figure 18 Ignition Feed Relay 1

3.7. IGNITION FEED RELAY 2, P. 7

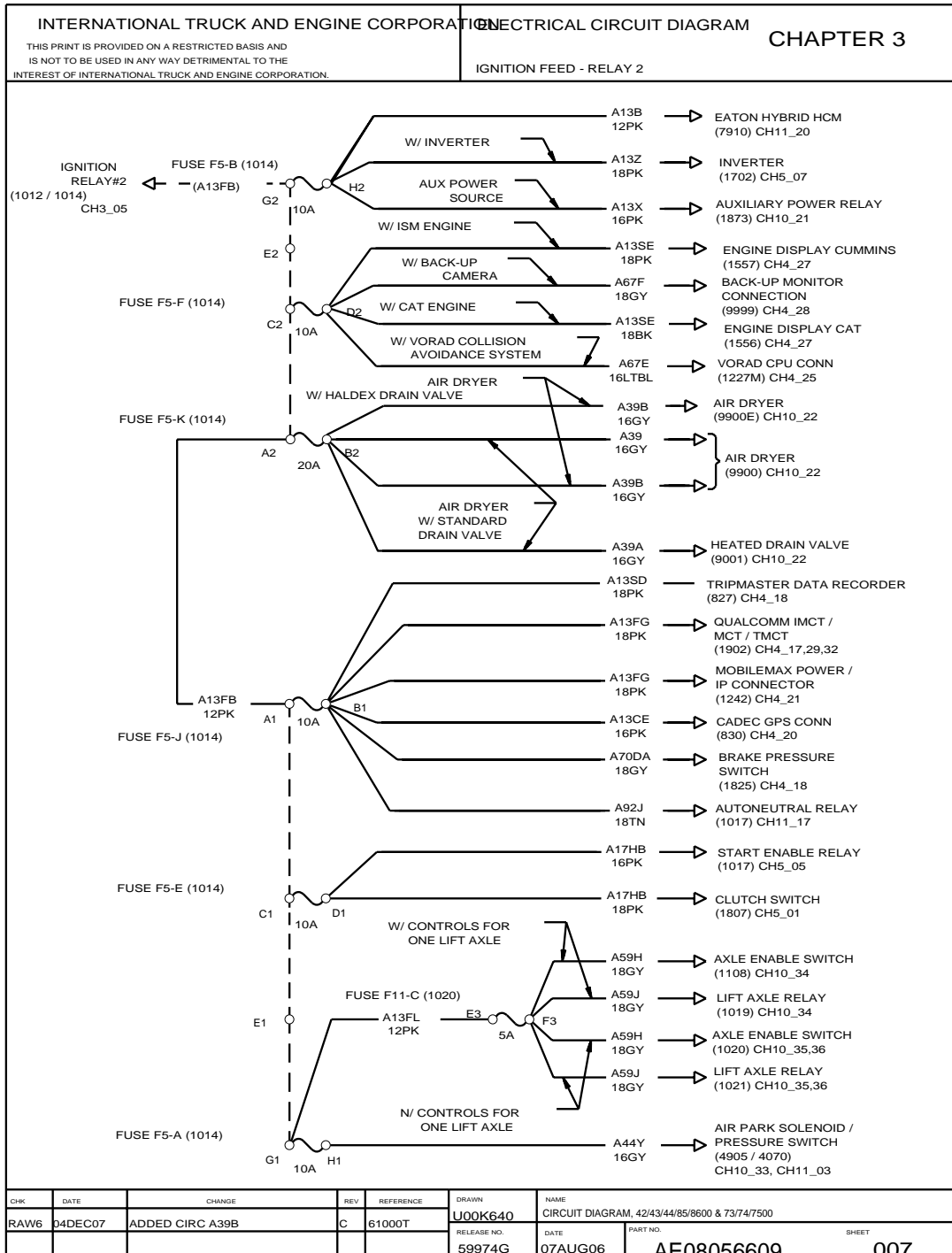


Figure 19 Ignition Feed Relay 2

3.8. IGNITION FEED RELAY 3, P. 8

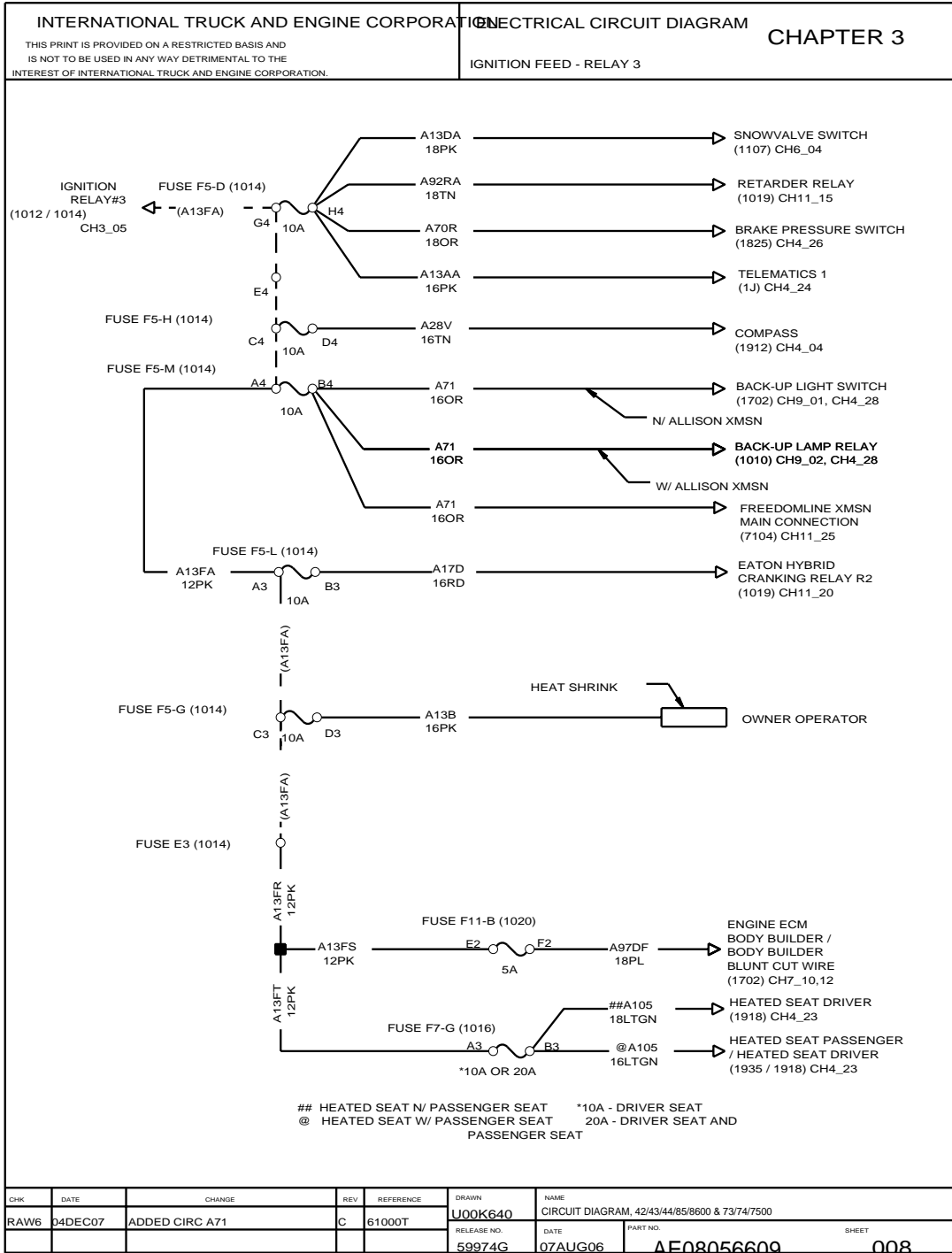


Figure 20 Ignition Feed Relay 3

3.9. J1708 DATA LINK — PUBLIC EFFECTS, P. 9

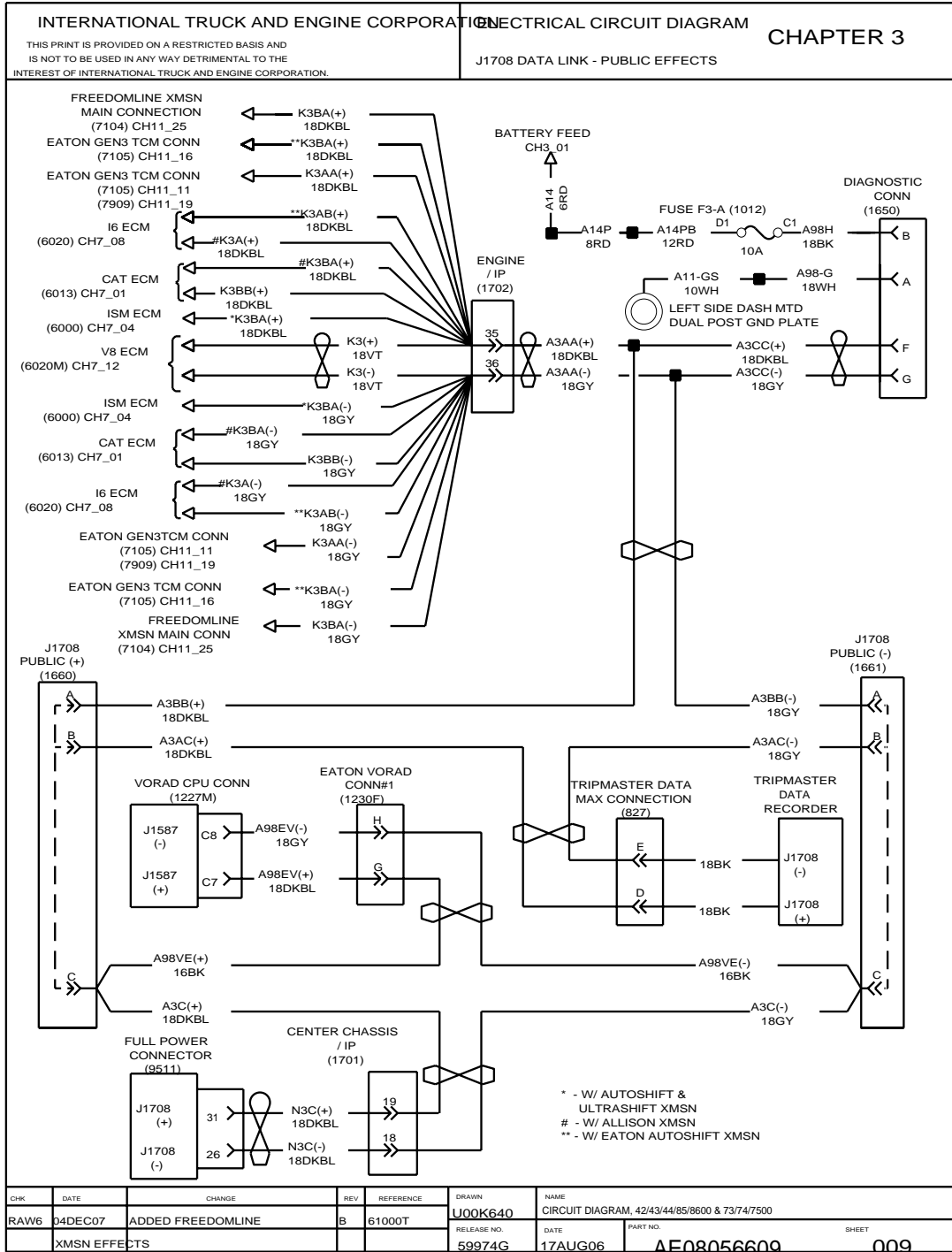


Figure 21 J1708 Data Link — Public Effects

3.10. J1708 DATA LINK — PUBLIC EFFECTS, P. 10

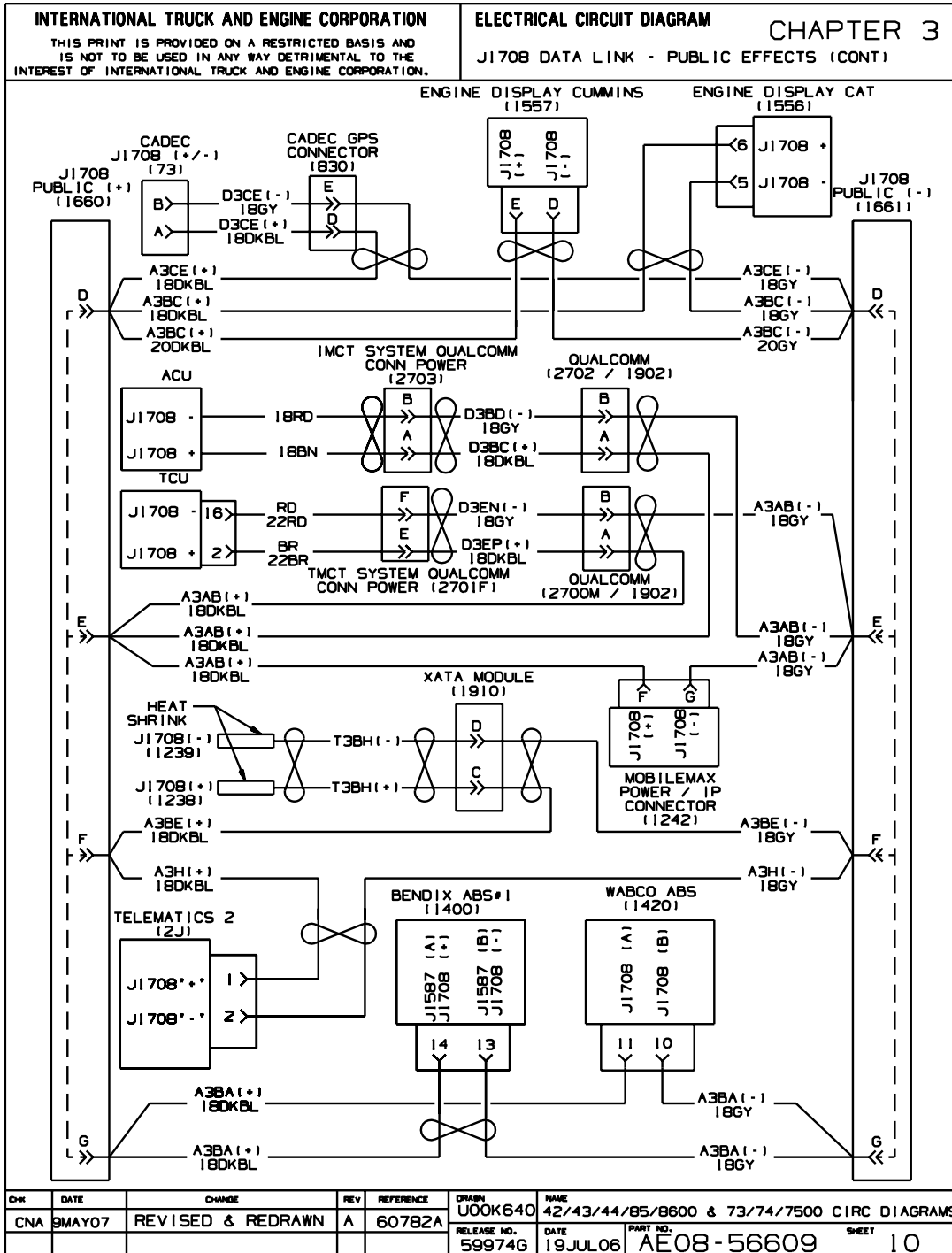


Figure 22 J1708 Data Link — Public Effects (Cont.)

3.11. J1708 DATA LINK — PRIVATE WITH POWER WINDOW AND LOCK, P. 11

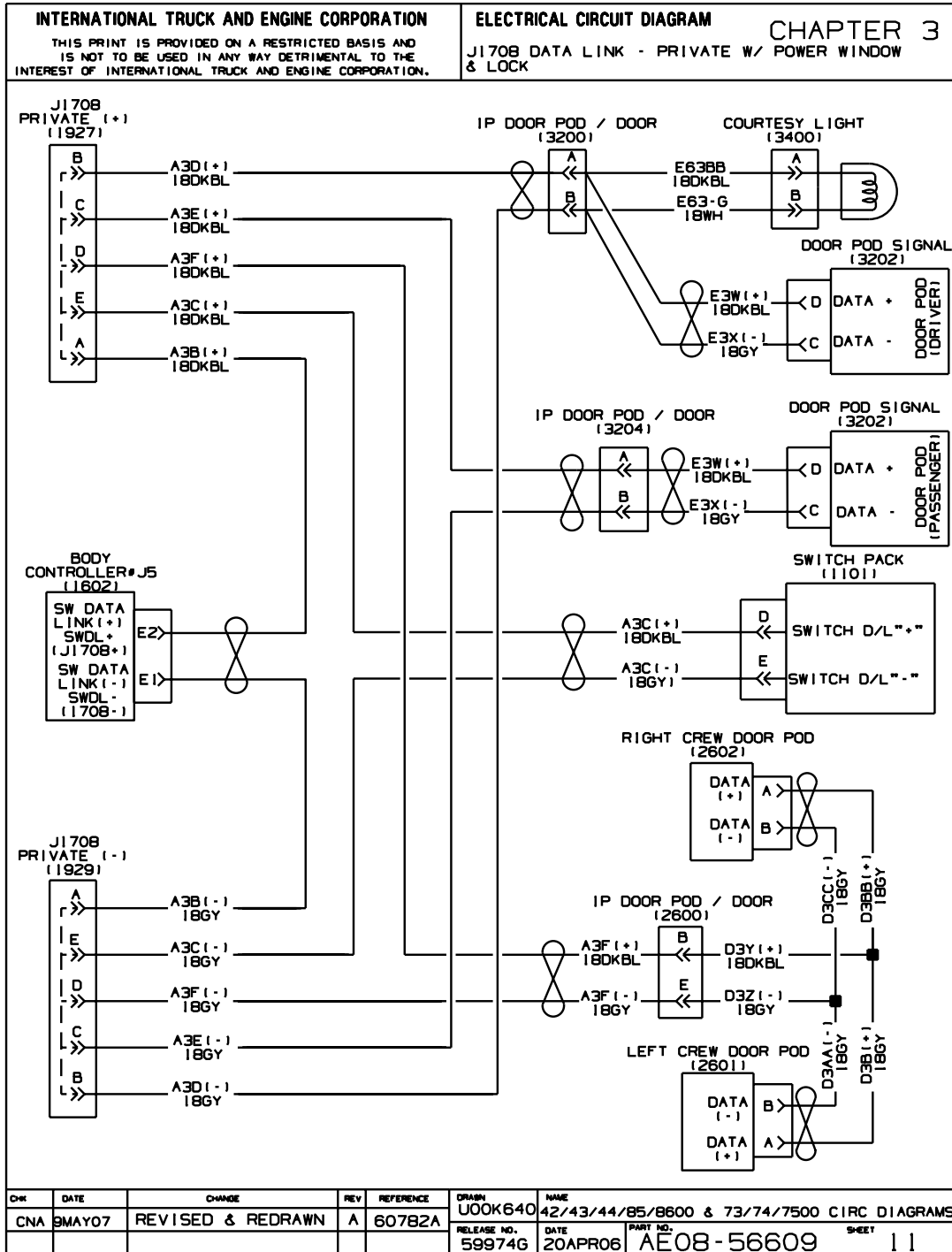


Figure 23 J1708 Data Link — Private with Power Window and Lock

3.12. J1939 DATA LINK, P. 12

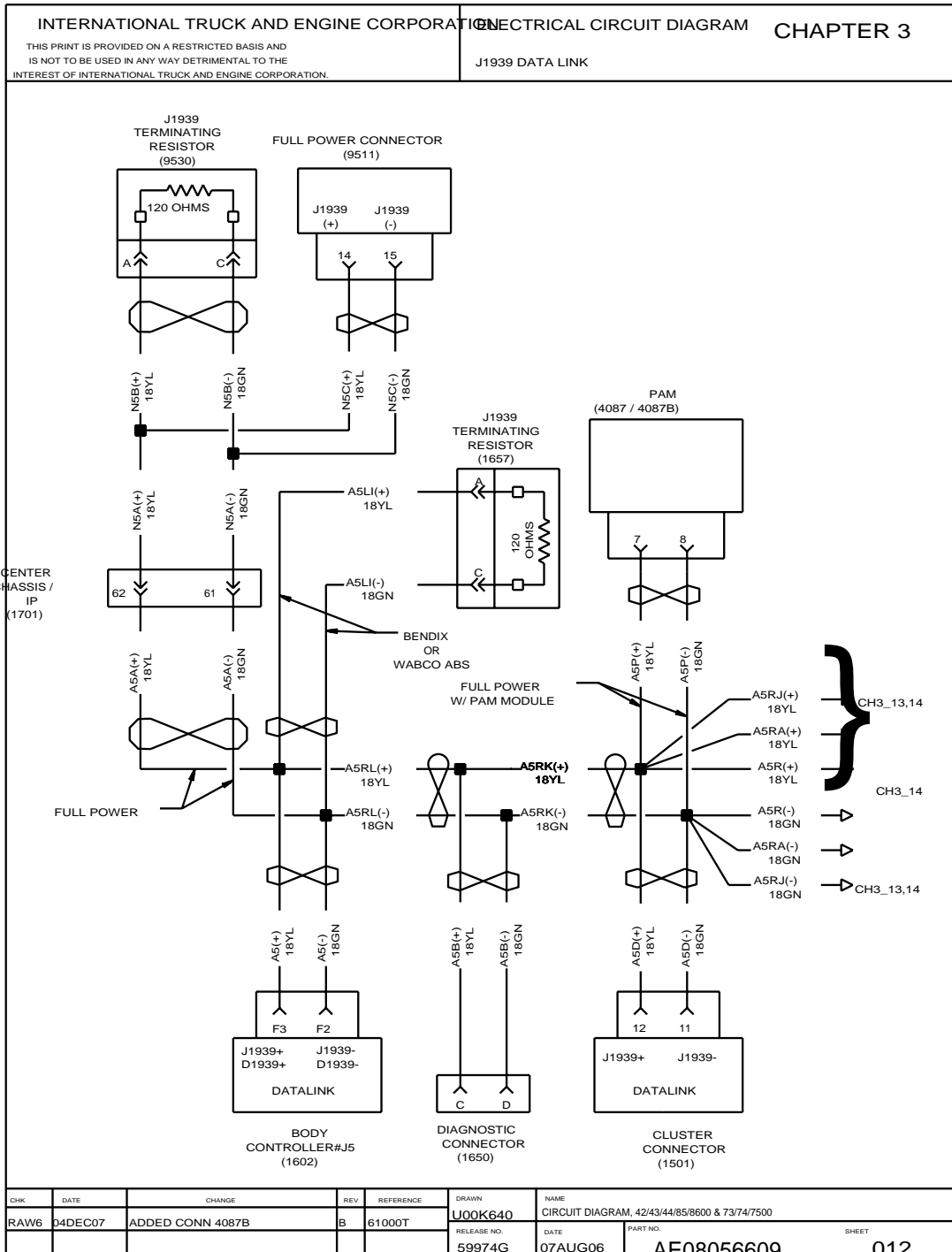


Figure 24 J1939 Data Link

3.13. J1939 DATA LINK WITH OPTIONS, P. 13

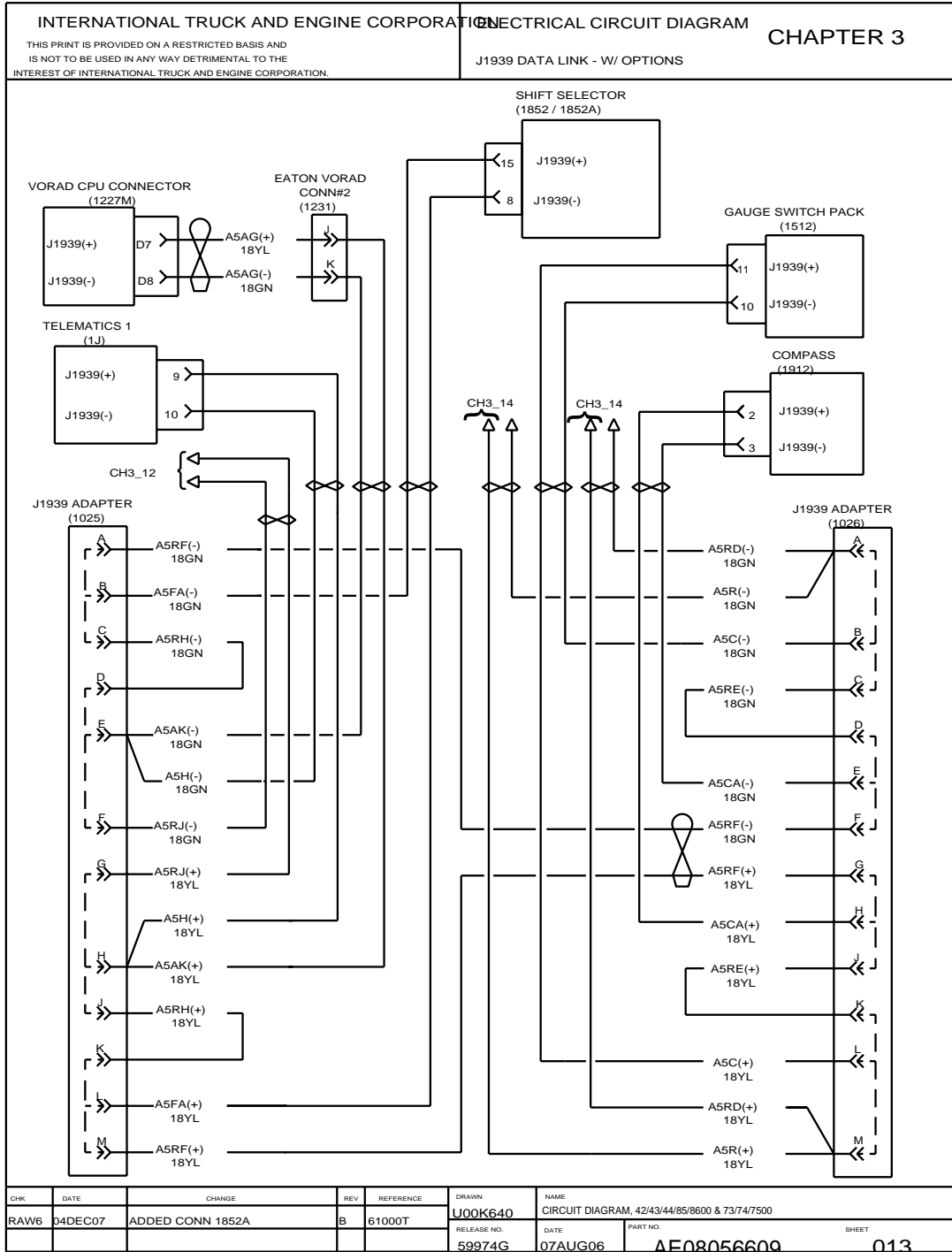


Figure 25 J1939 Data Link with Options

3.14. J1939 DATA LINK WITH OPTIONS, P. 14

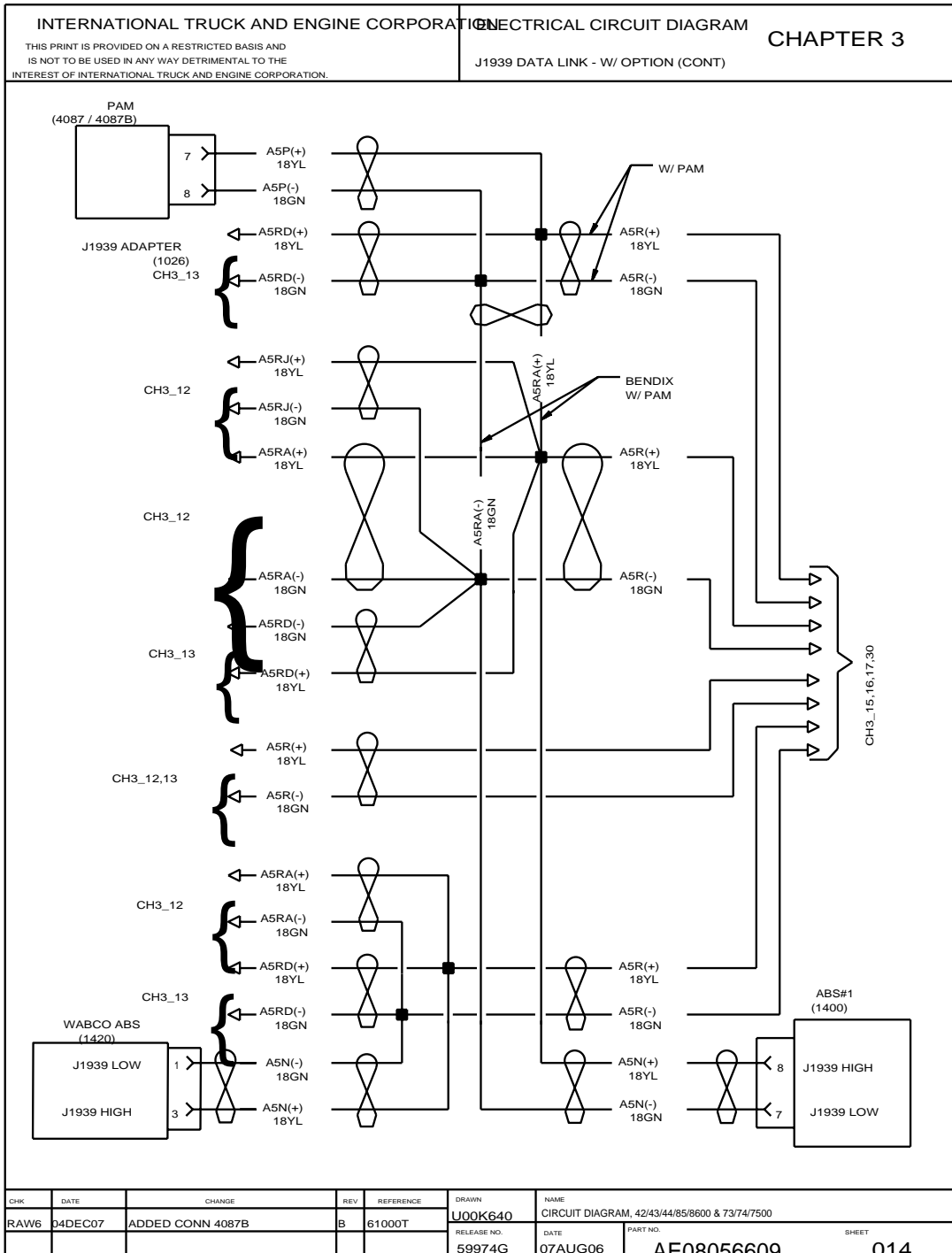


Figure 26 J1939 Data Link with Options

3.15. J1939 DATA LINK — ISM 2007 ENGINE, P. 15

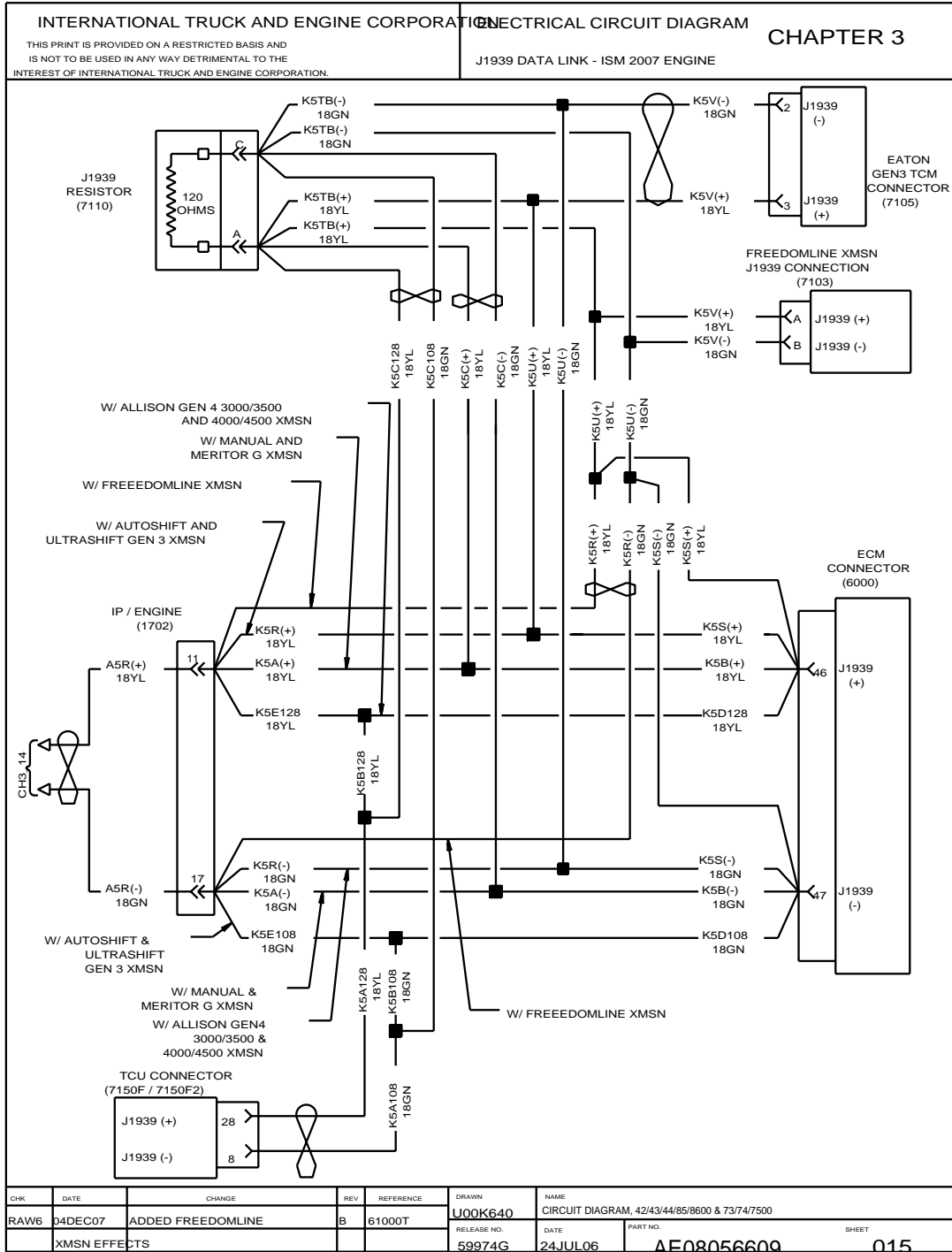


Figure 27 J1939 Data Link — ISM 2007 Engine

3.16. J1939 DATA LINK — I6 2007 ENGINE, P. 16

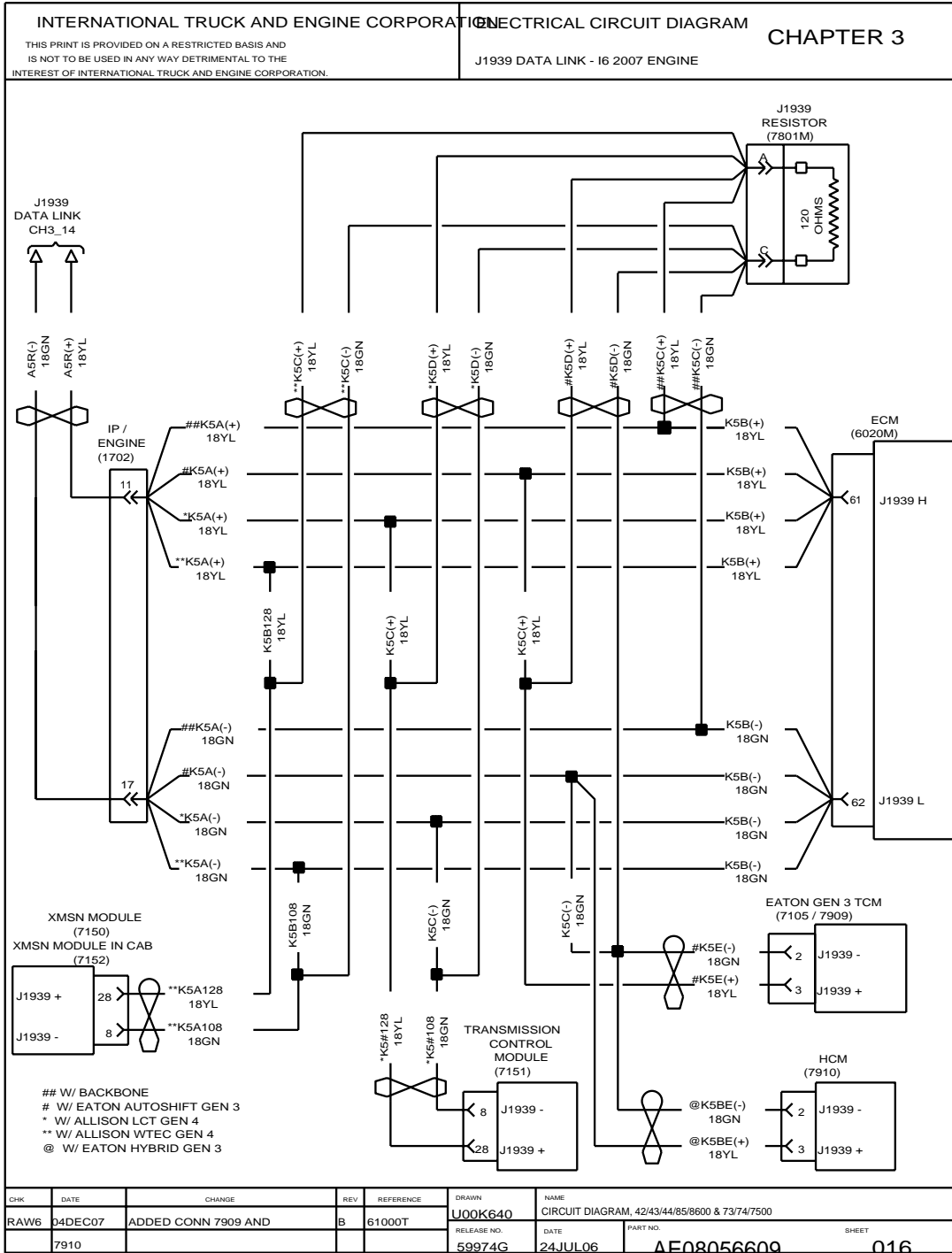


Figure 28 J1939 Data Link — I6 2007 Engine

3.17. J1939 DATA LINK — C11/C13 2007 ENGINE, P. 17

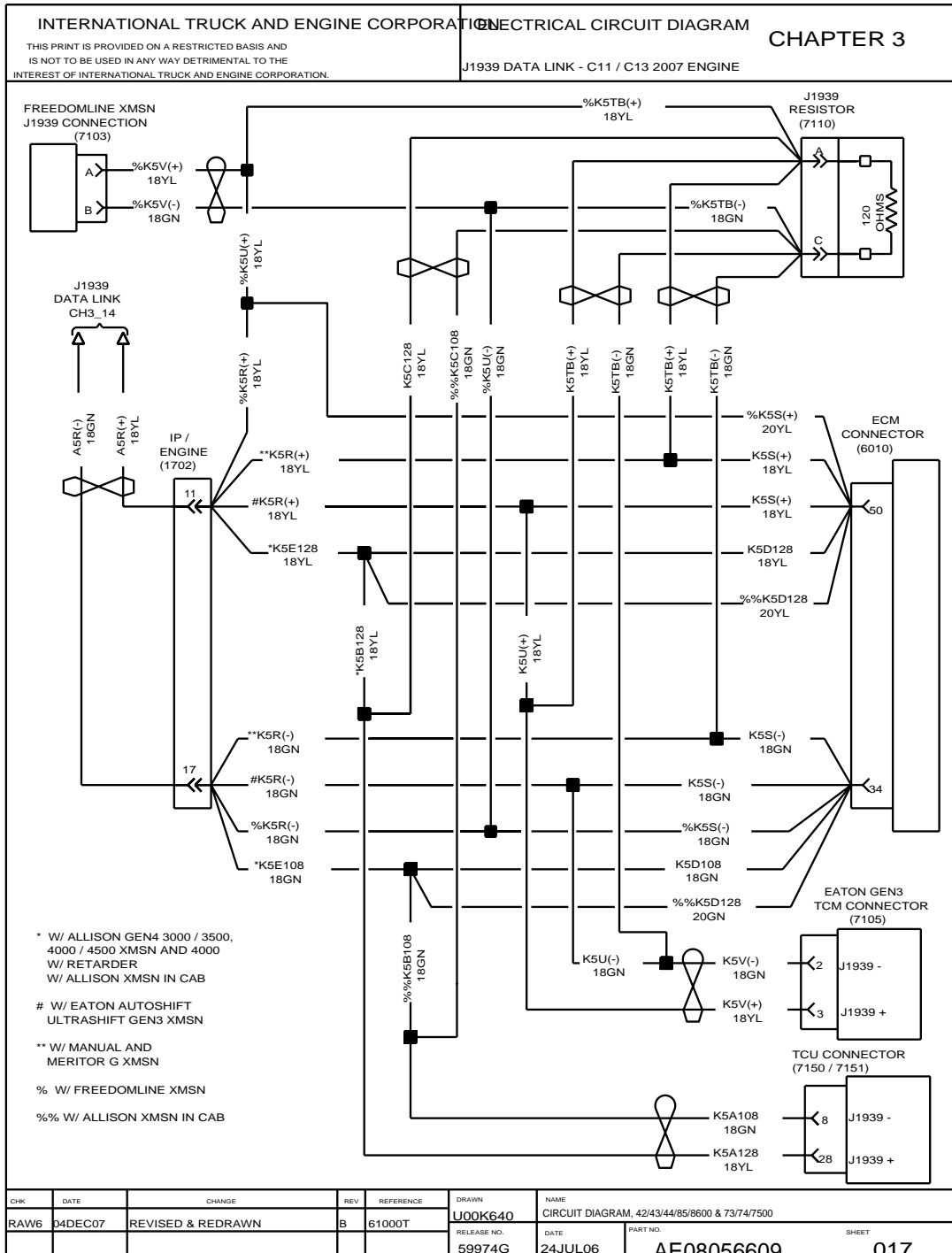


Figure 29 J1939 Data Link — C11/C13 2007 Engine

3.18. GROUND — IP, P. 18

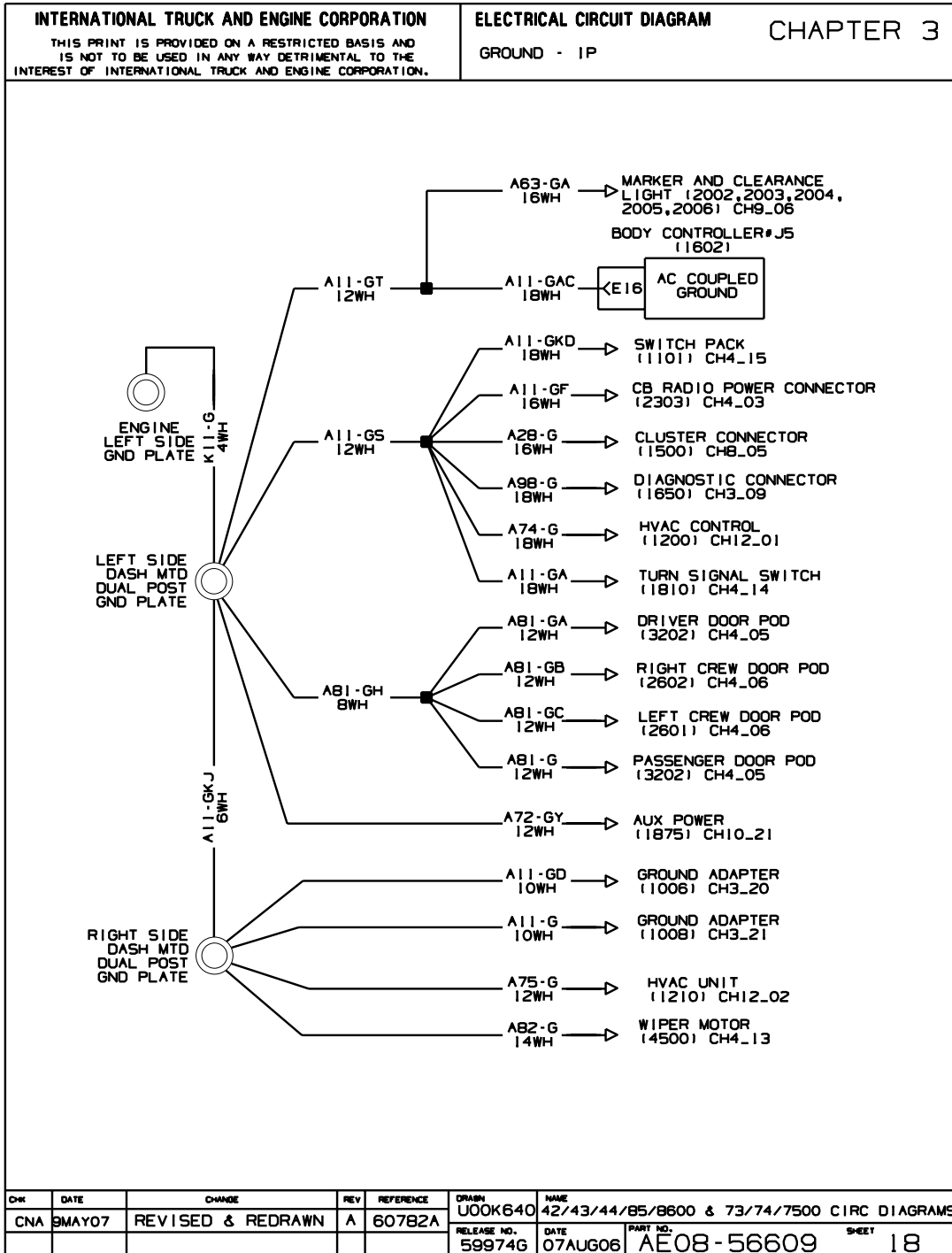


Figure 30 Ground — IP

3.19. GROUND — IP, P. 19

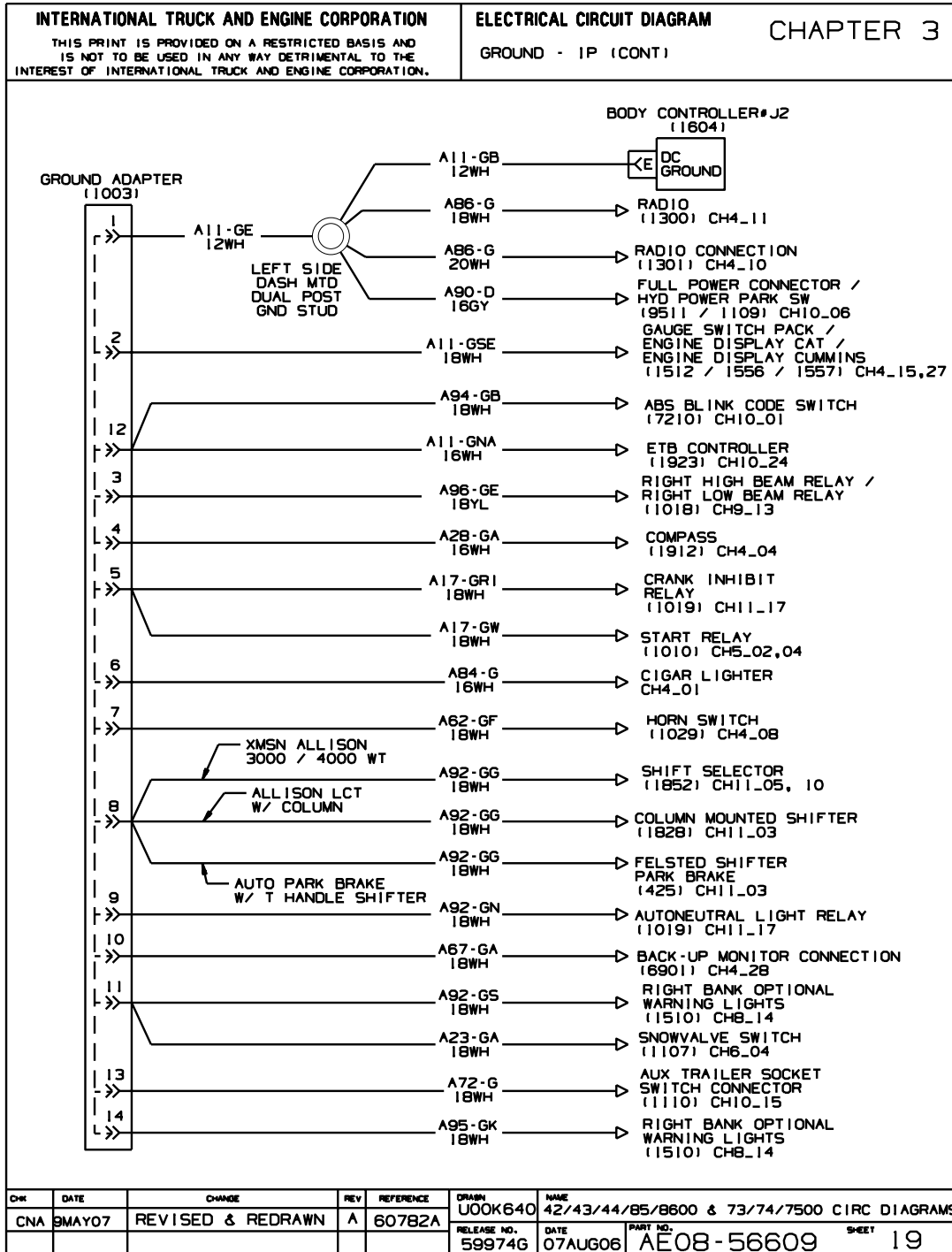


Figure 31 Ground — IP (Cont.)

3.20. GROUND — IP, P. 20

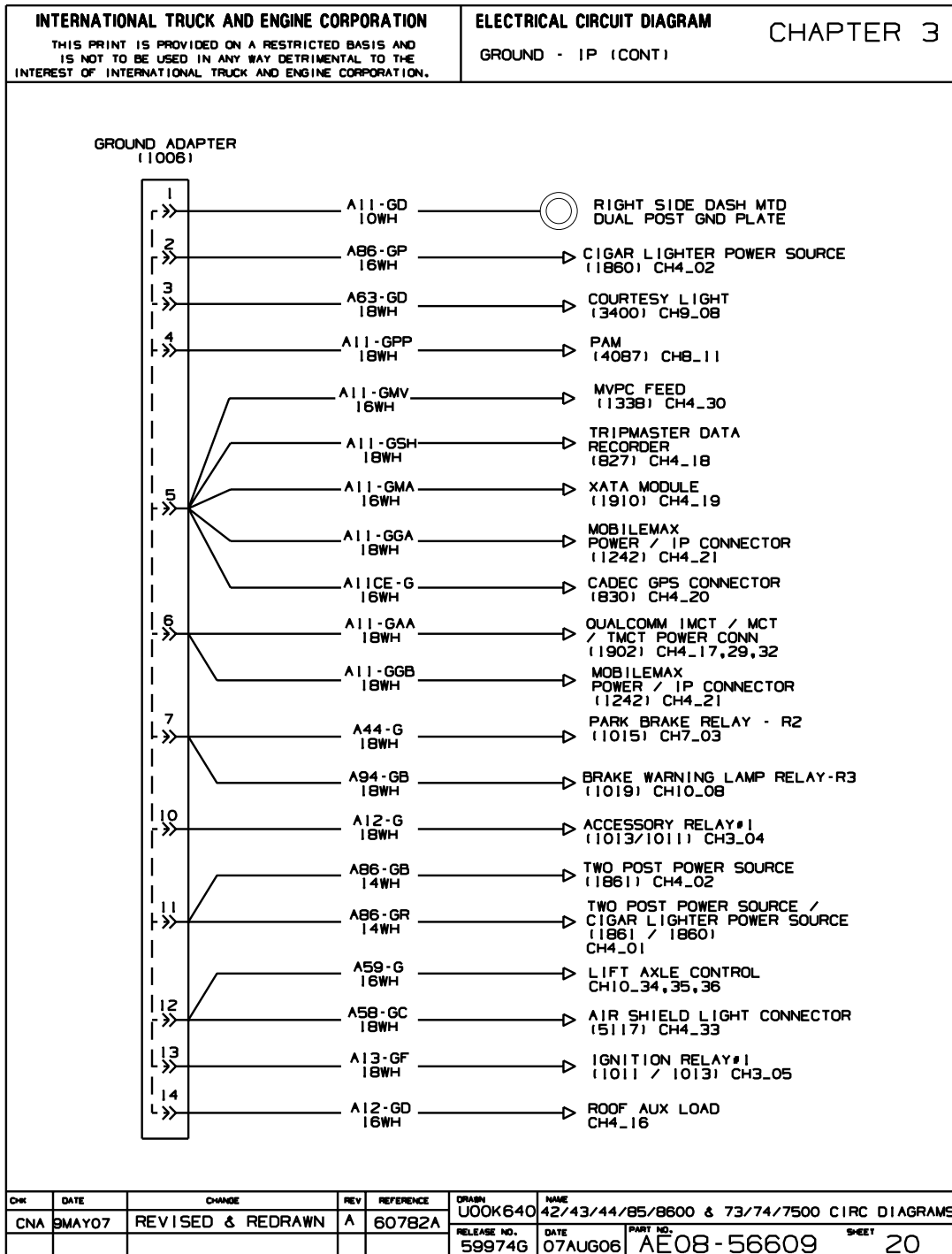


Figure 32 Ground — IP (Cont.)

3.21. GROUND — IP, P. 21

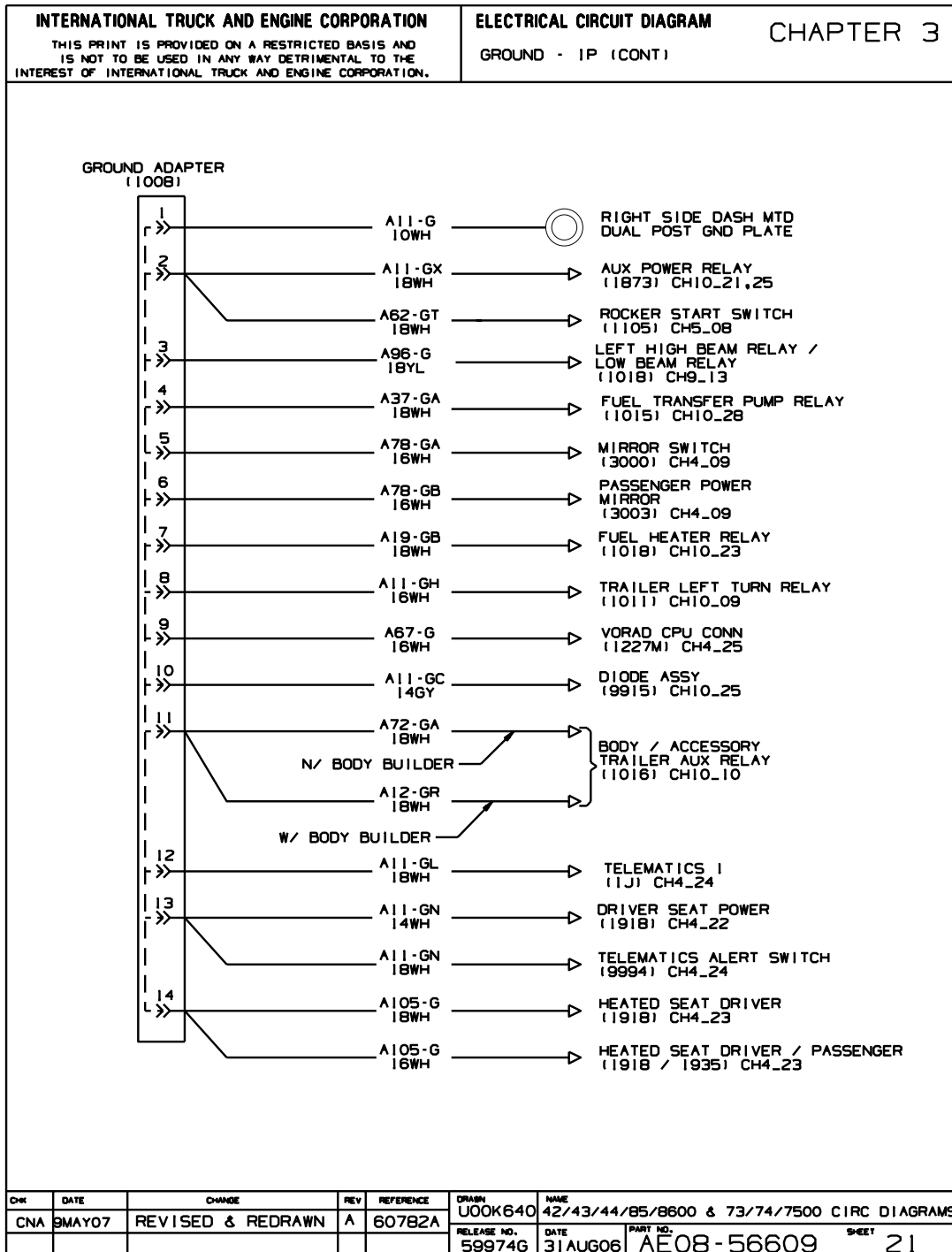


Figure 33 Ground — IP (Cont.)

3.22. ENGINE GROUND, P. 22

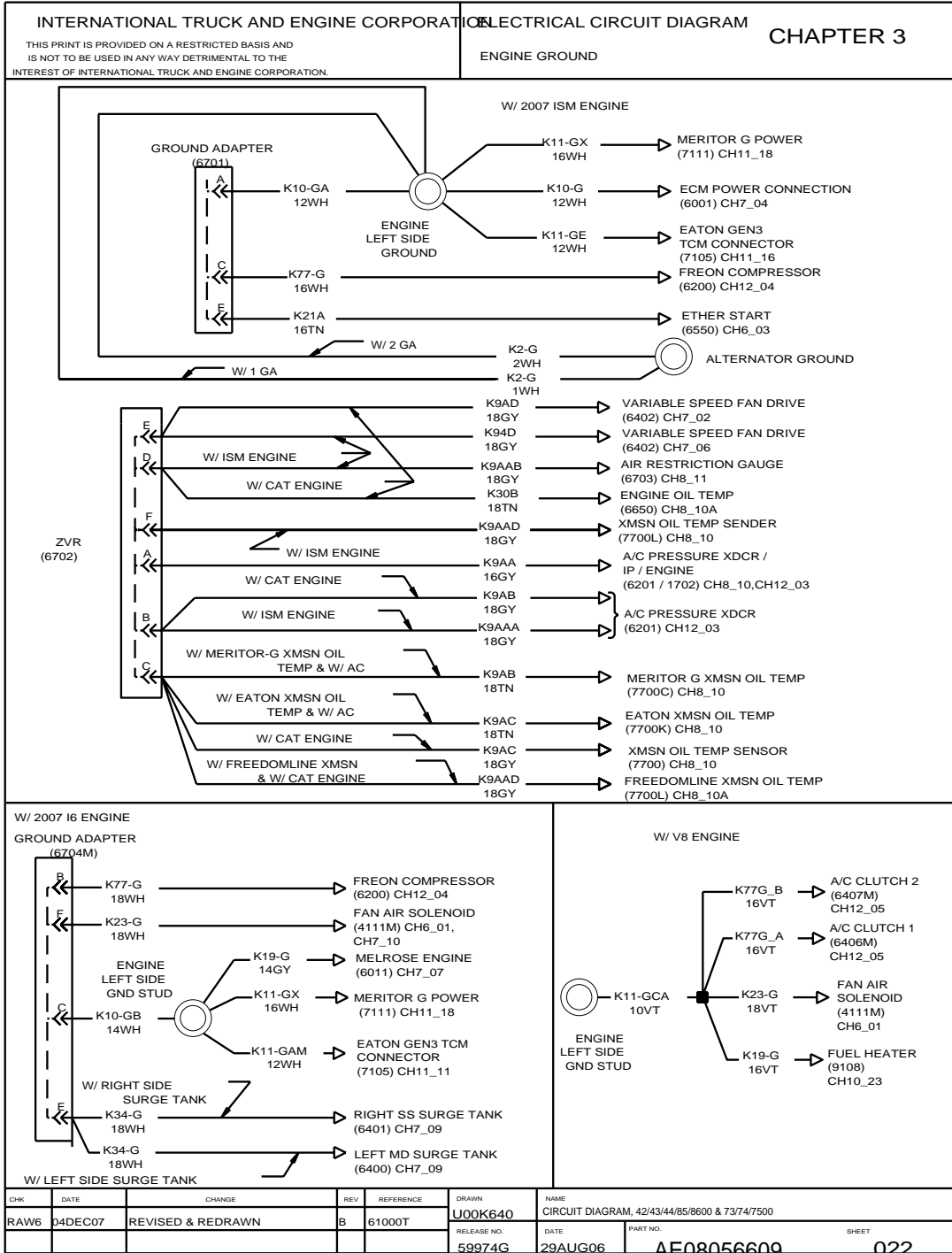


Figure 34 Engine Ground

3.23. ENGINE GROUND, P. 23

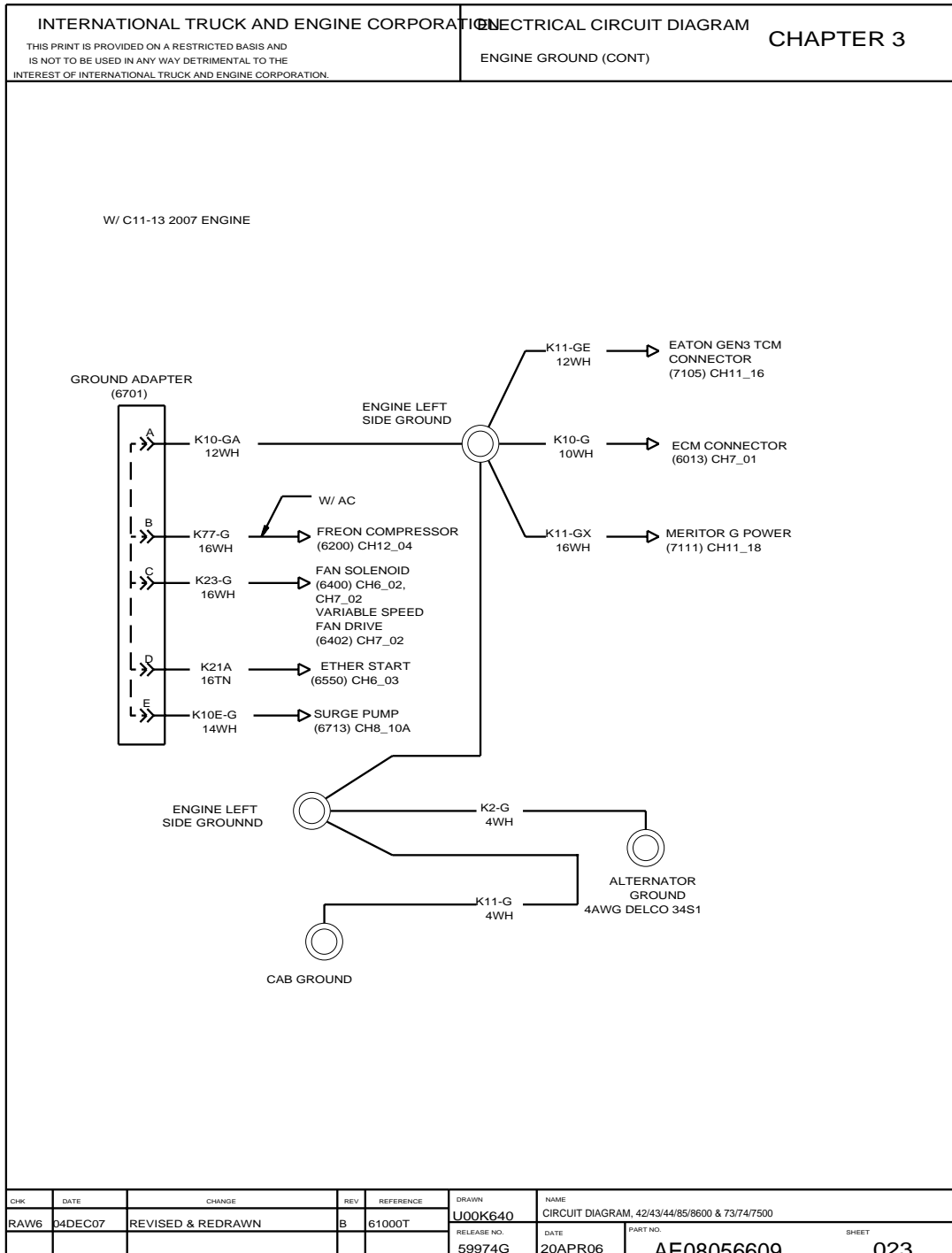


Figure 35 Engine Ground (Cont.)

3.24. GROUND — CHASSIS, P. 24

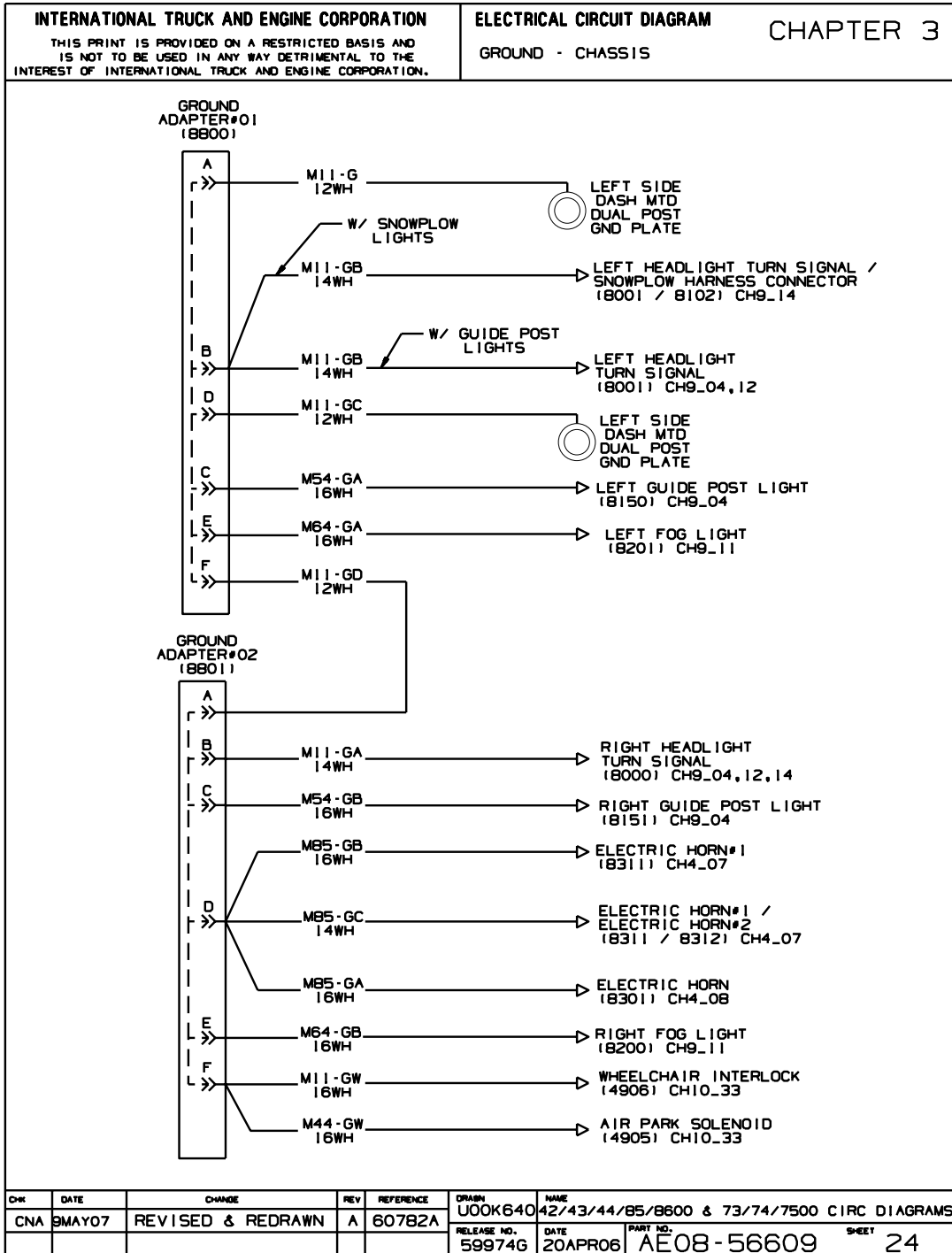


Figure 36 Ground — Chassis

3.25. GROUND — CHASSIS WITH HEAVY DUTY DIESEL, P. 25

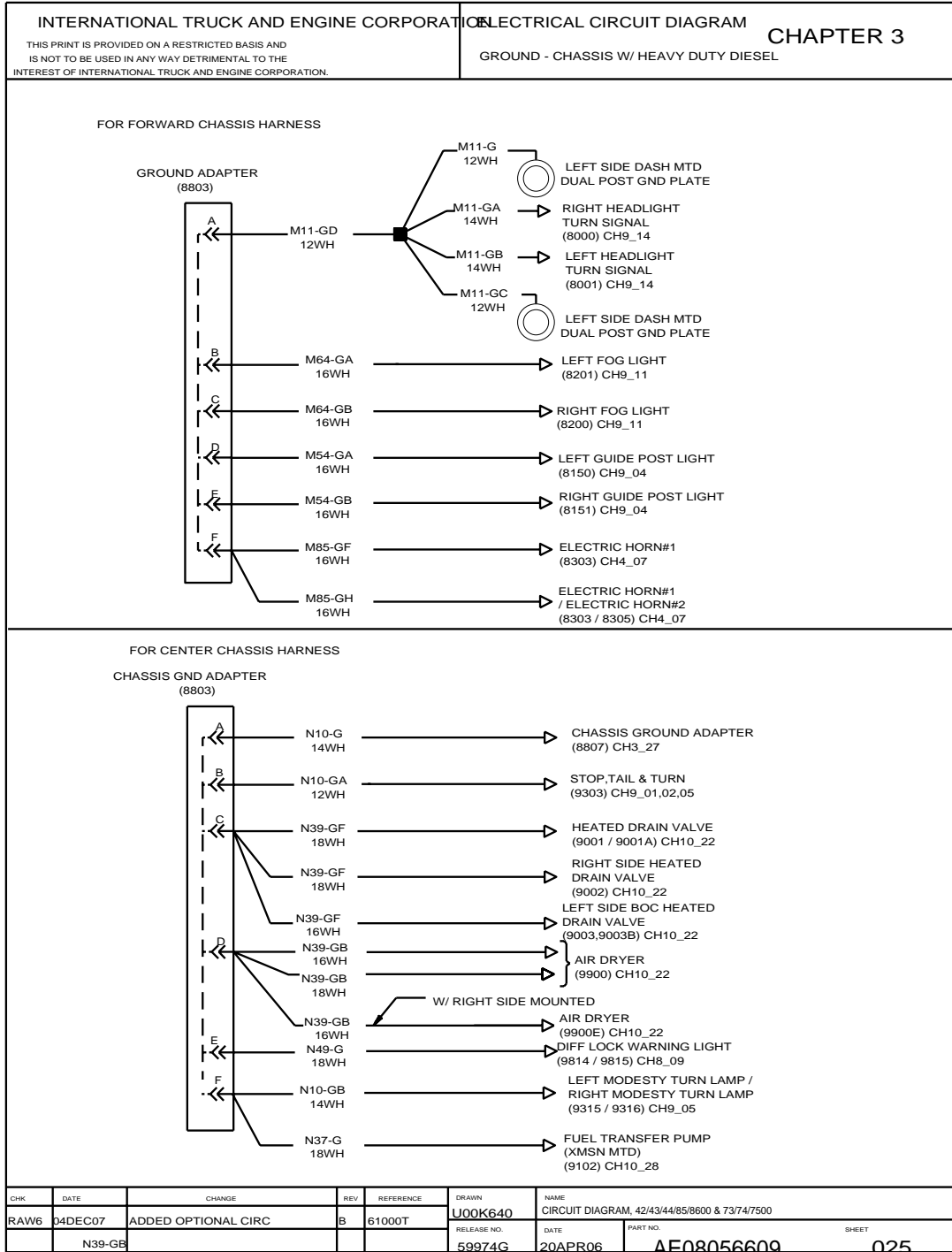


Figure 37 Ground — Chassis with Heavy Duty Diesel

3.26. GROUND — CHASSIS, P. 26

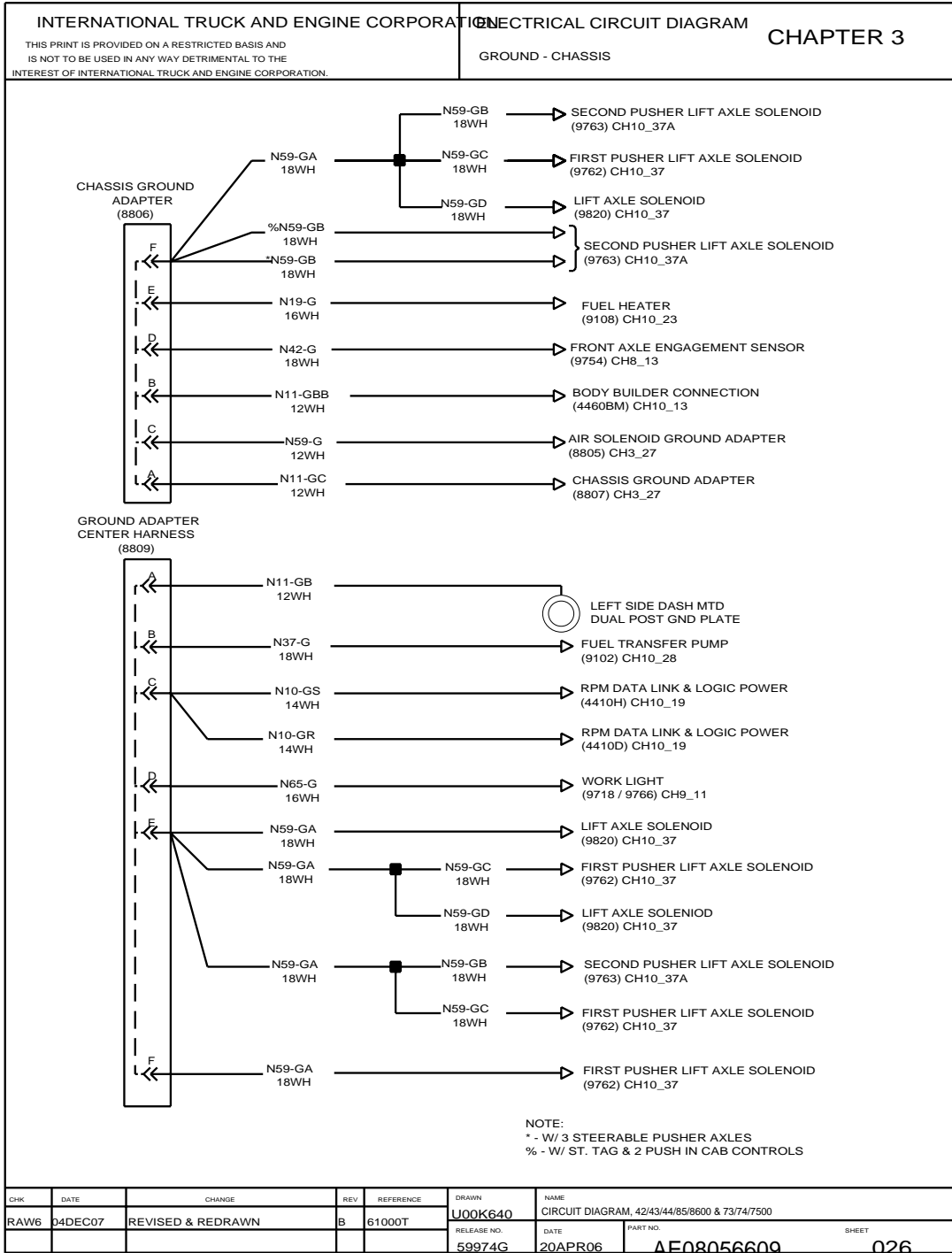


Figure 38 Ground — Chassis

3.27. ZERO VOLT REFERENCE, P. 27

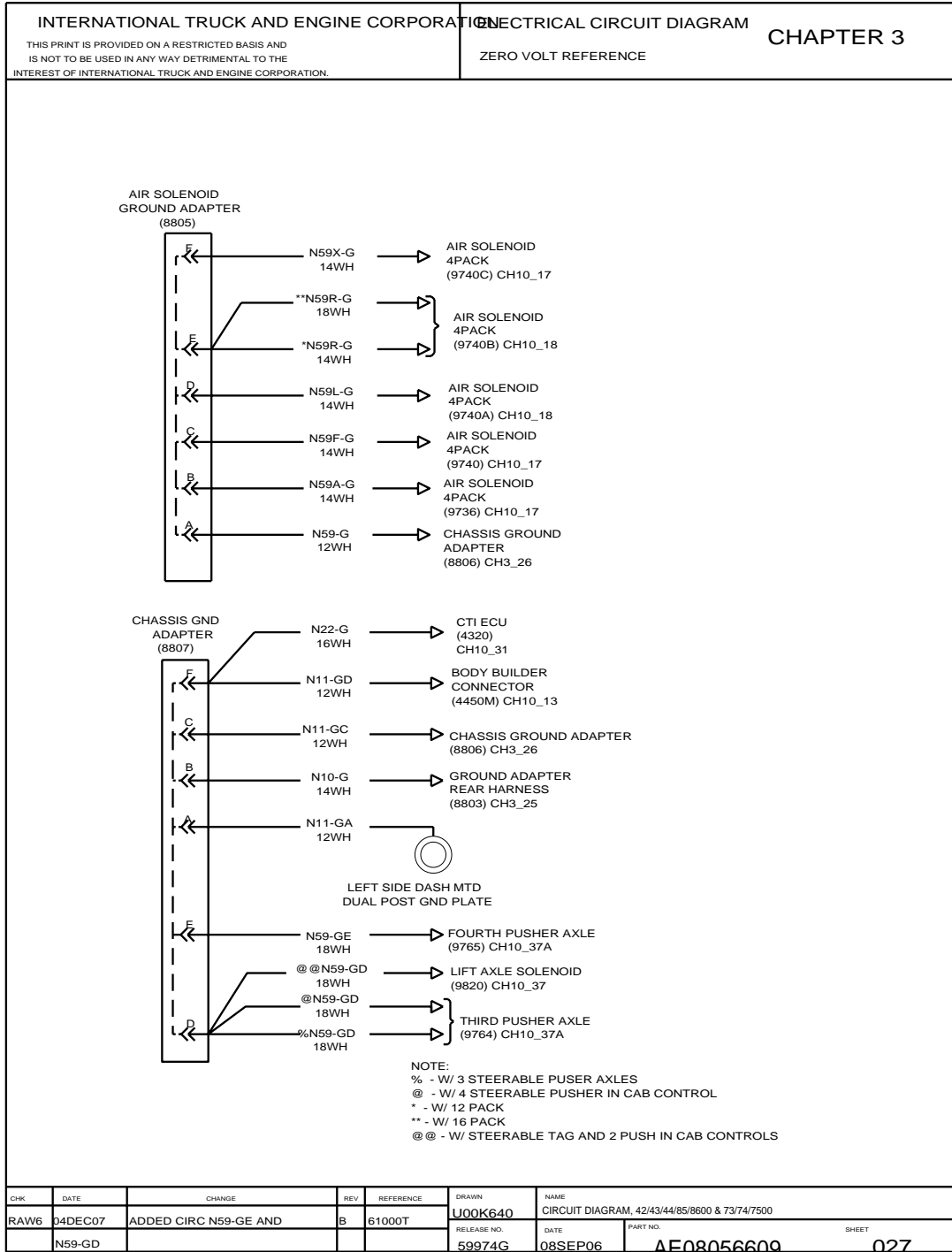


Figure 39 Zero Volt Reference

3.28. ZERO VOLT REFERENCE, P. 28

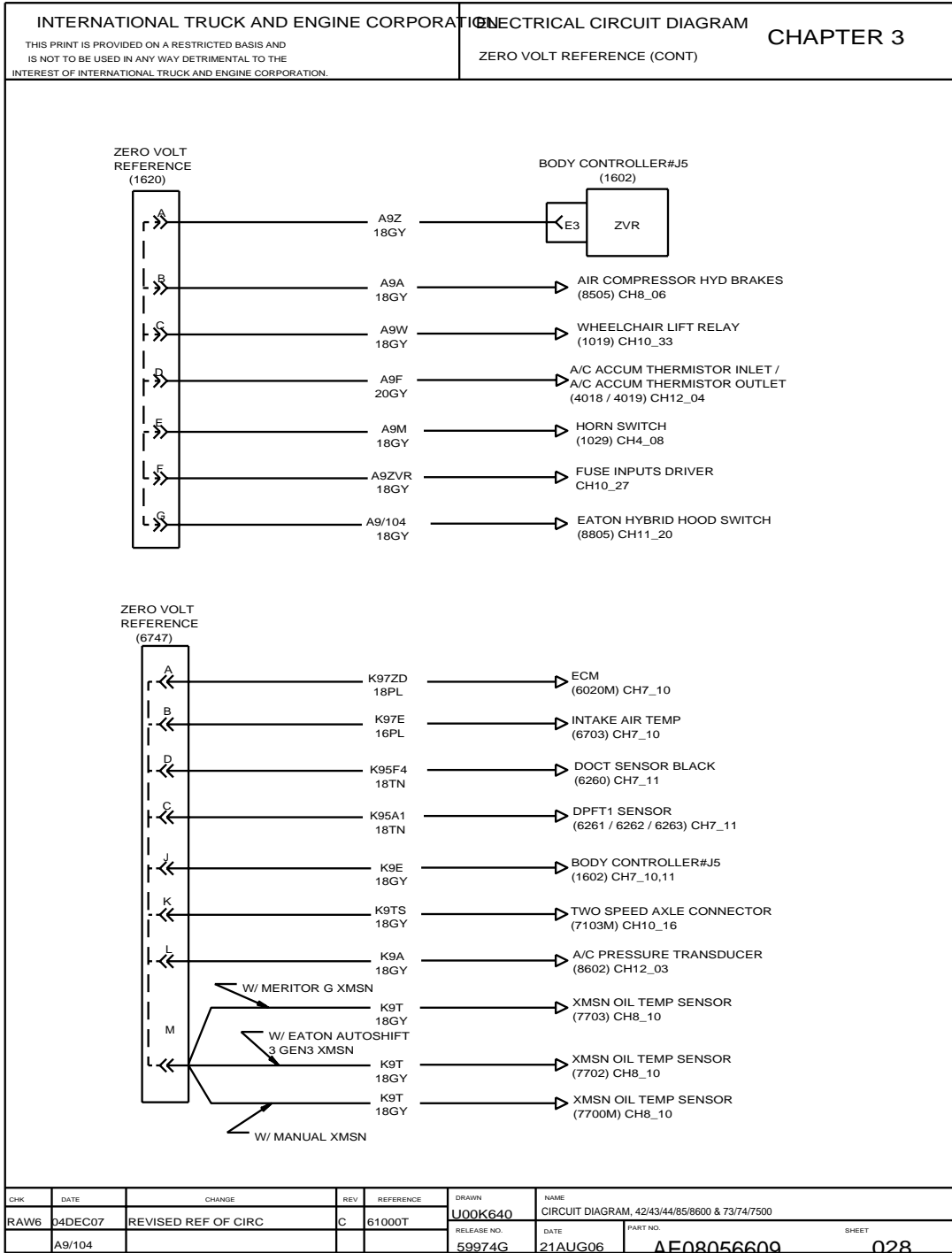


Figure 40 Zero Volt Reference

3.29. GROUND — CHASSIS, P. 29

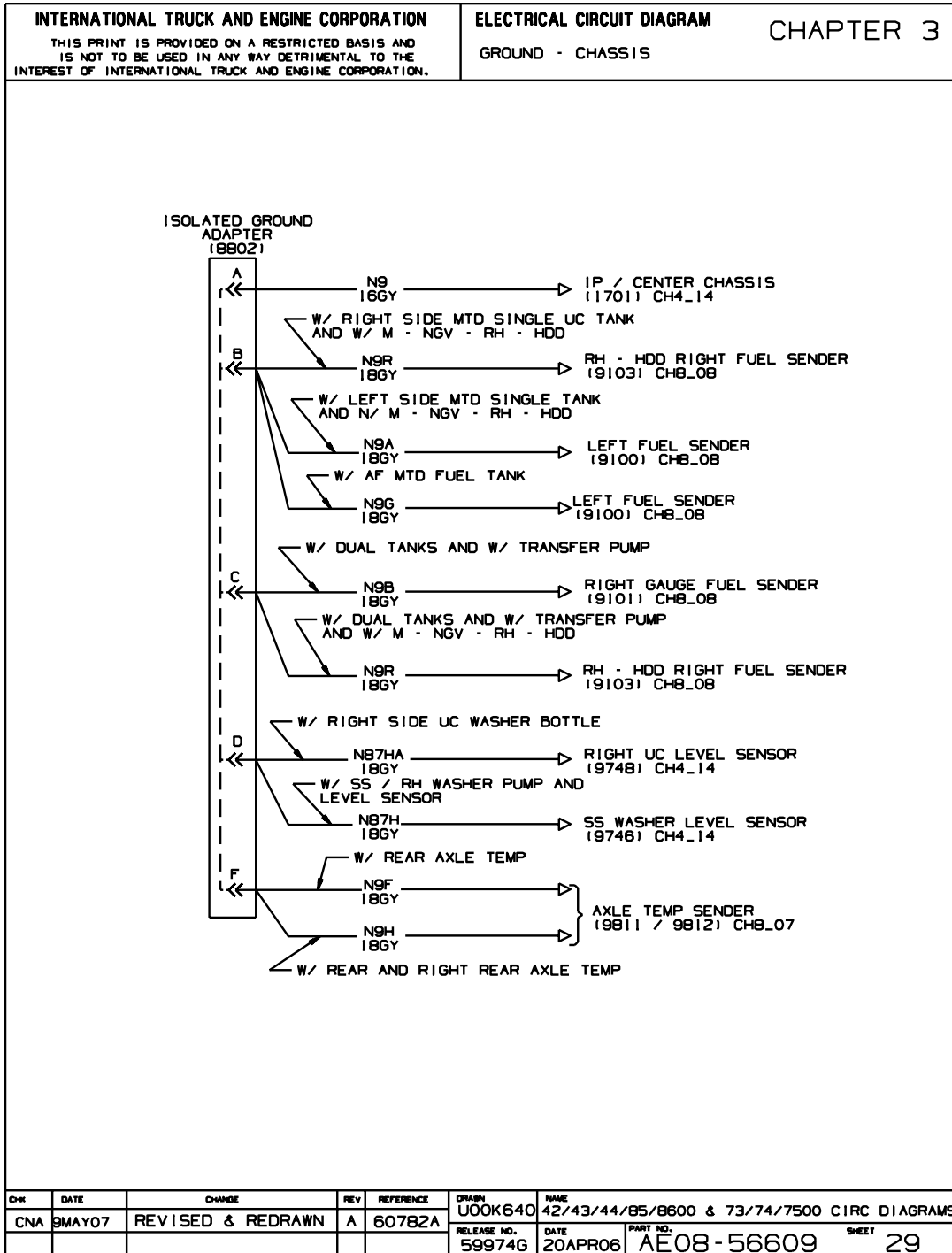


Figure 41 Ground — Chassis

3.30. J1939 DATA LINK WITH V8 ENGINE, P. 30

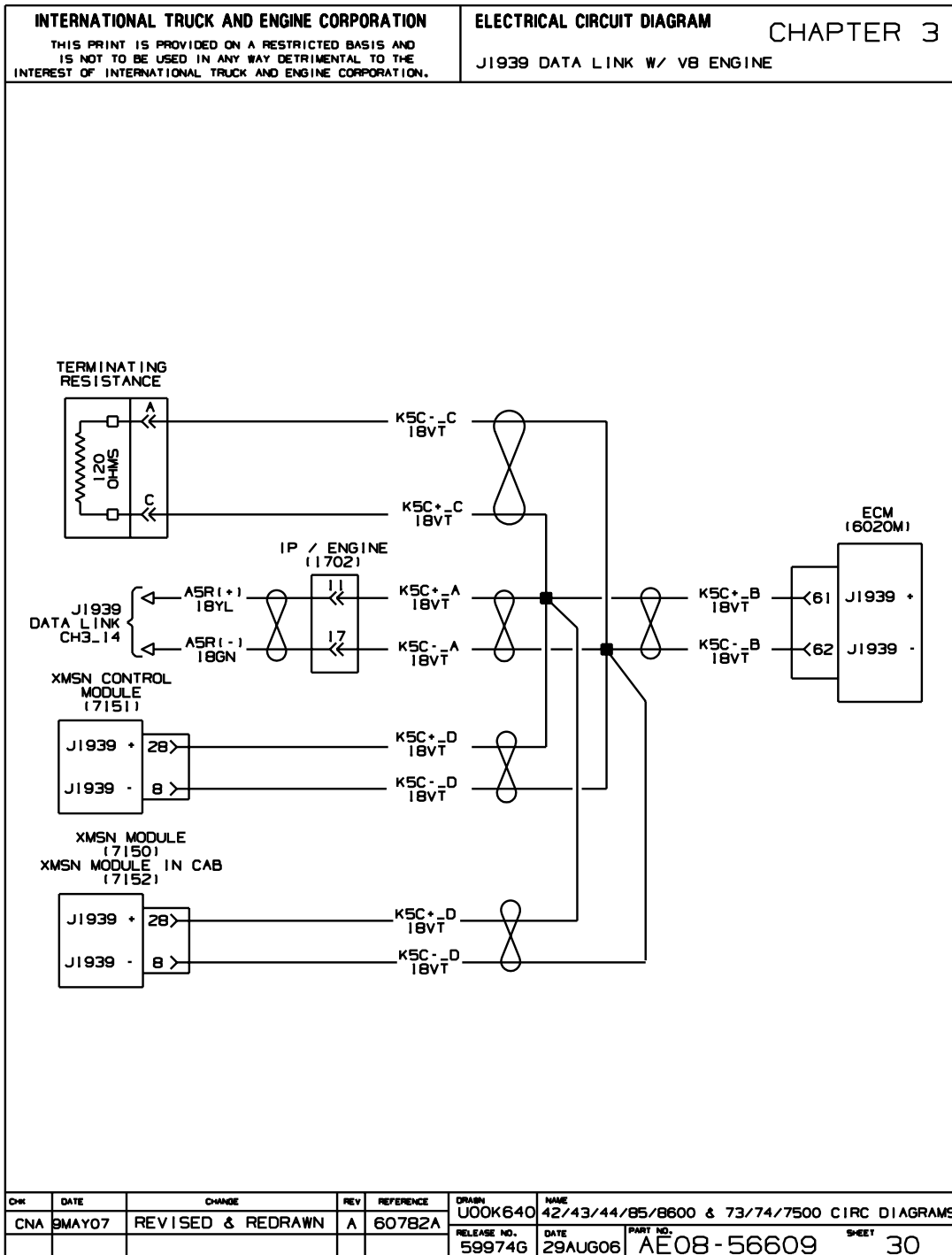


Figure 42 J1939 Data Link with V8 Engine

4. CAB ACCESSORIES (CHAPTER 4)

4.1. CIGAR LIGHTER AND POWER FEED, P. 1

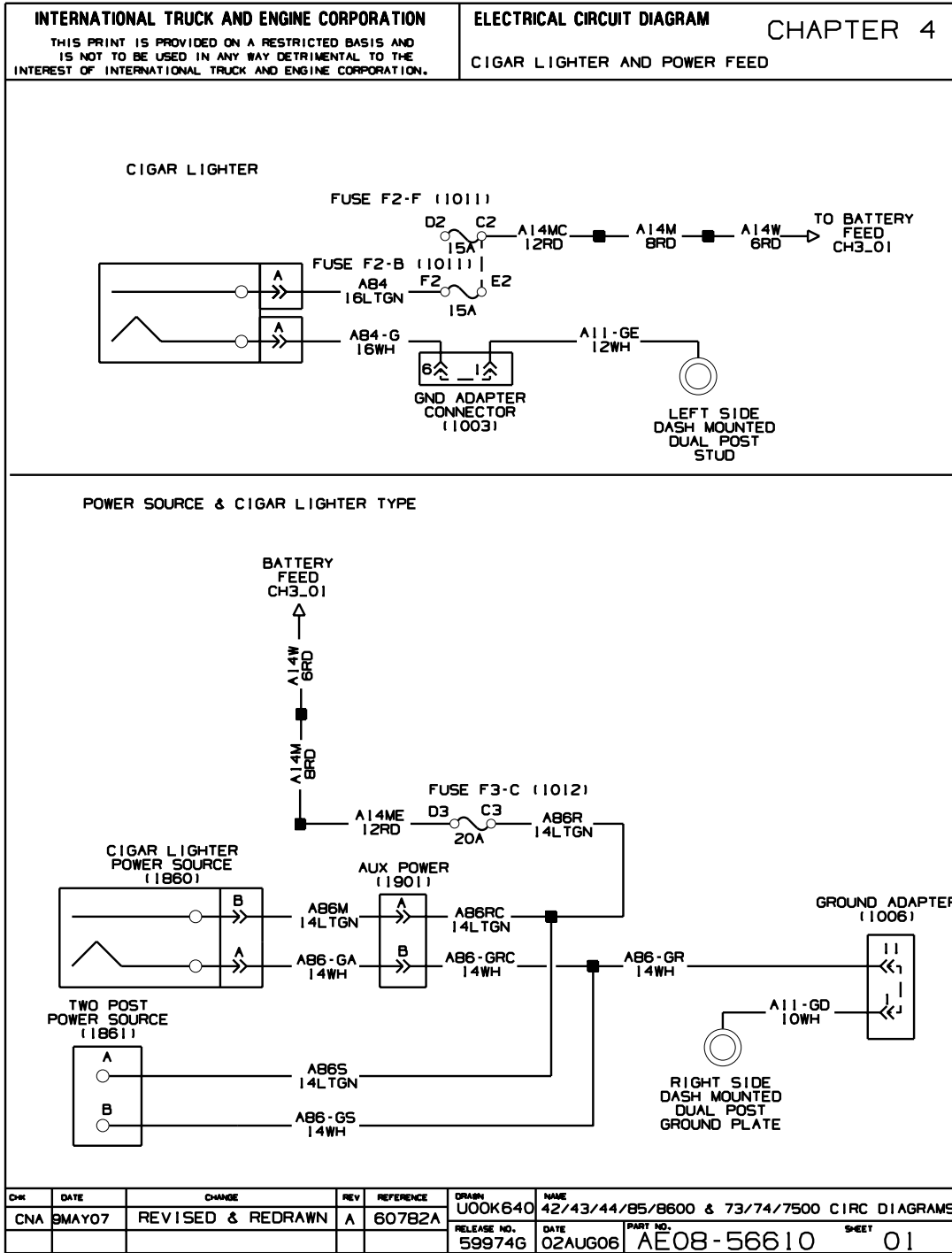


Figure 43 Cigar Lighter and Power Feed

4.2. CIGAR LIGHTER AND POWER FEED, P. 2

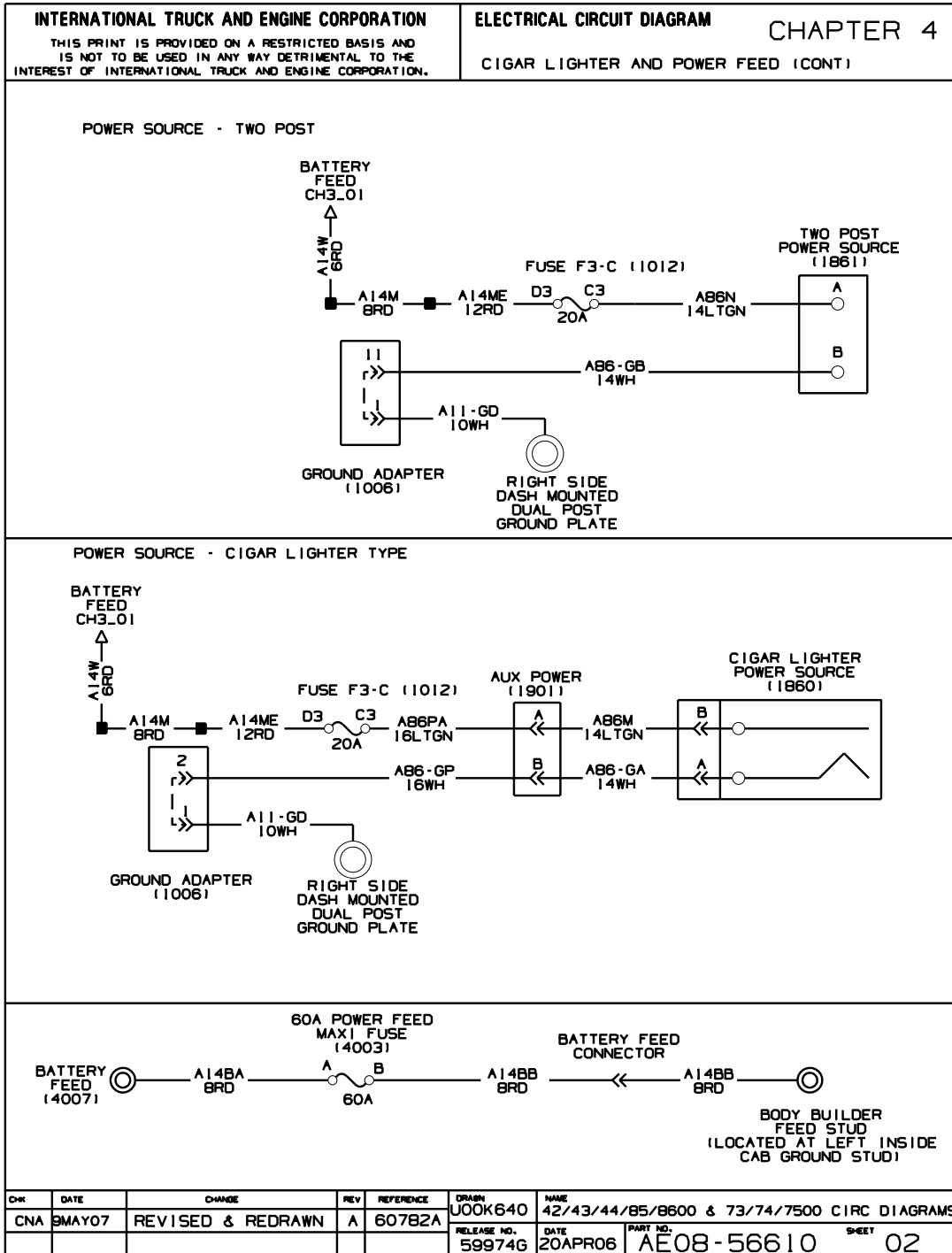


Figure 44 Cigar Lighter and Power Feed

4.3. CB POWER RADIO, P. 3

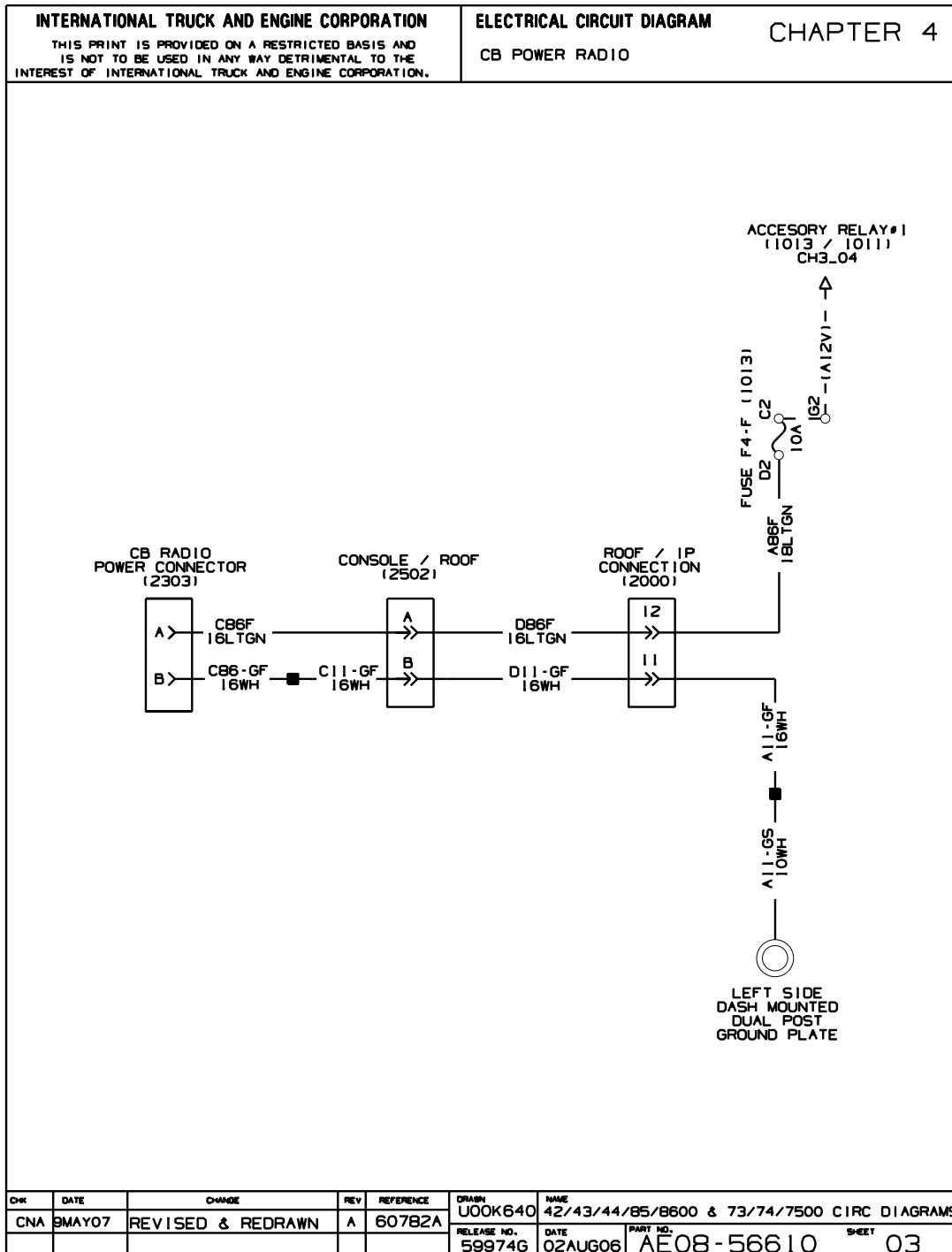


Figure 45 CB Power Radio

4.4. COMPASS AND TEMPERATURE DISPLAY, P. 4

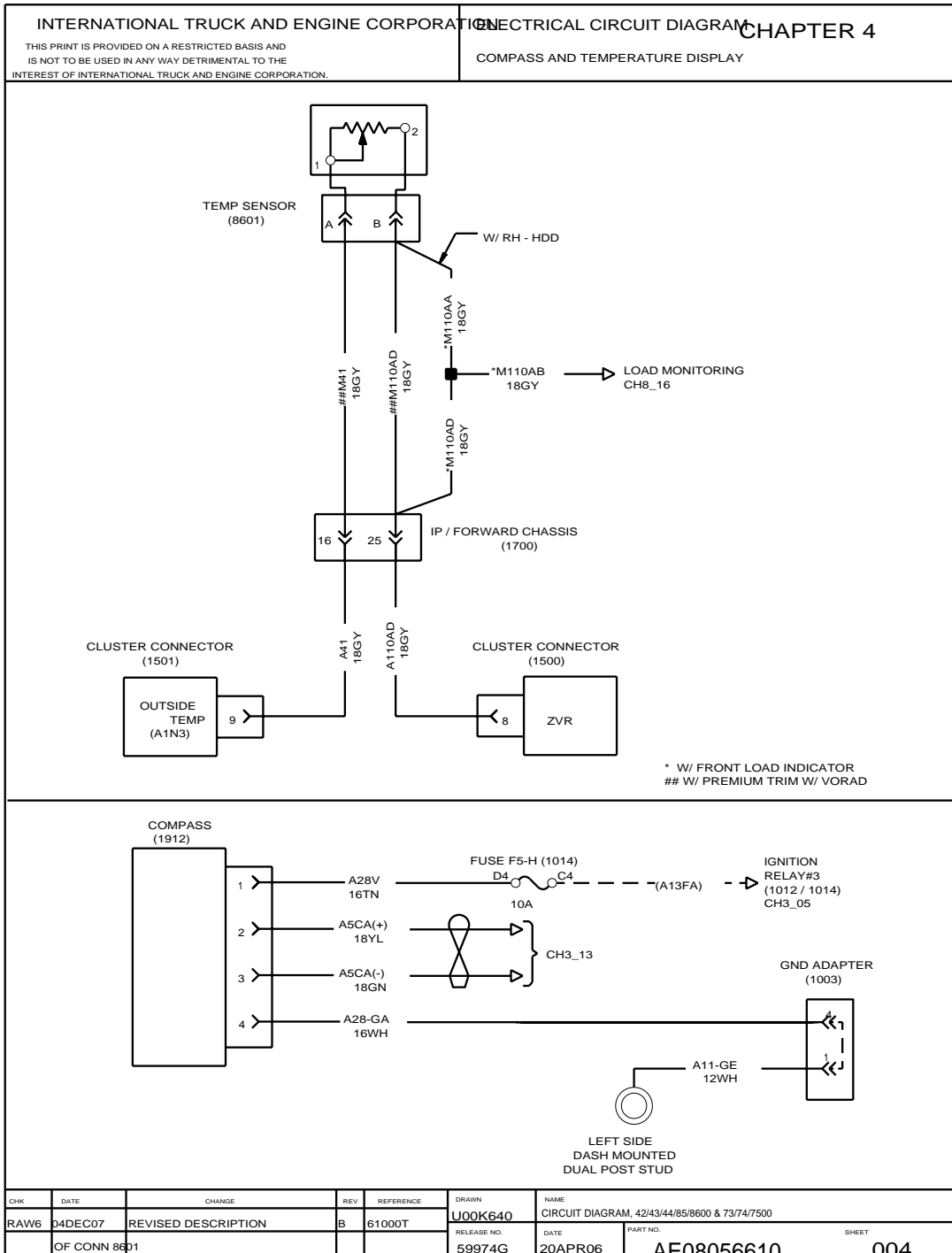


Figure 46 Compass and Temperature Display

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

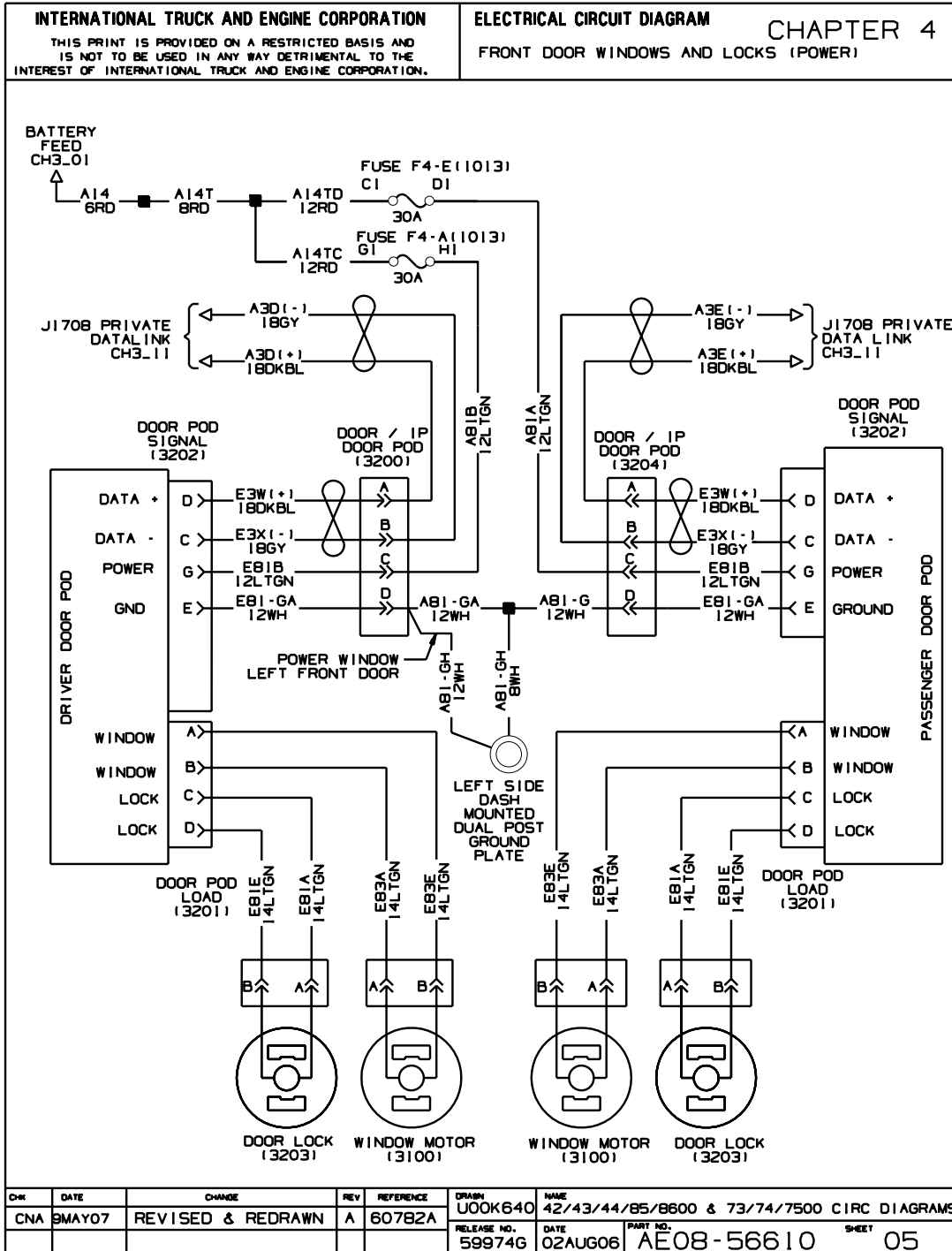


Figure 47 Front Door Windows and Locks (Power)

4.6. FRONT DOOR WINDOWS AND LOCKS (POWER) FOR CREW, P. 6

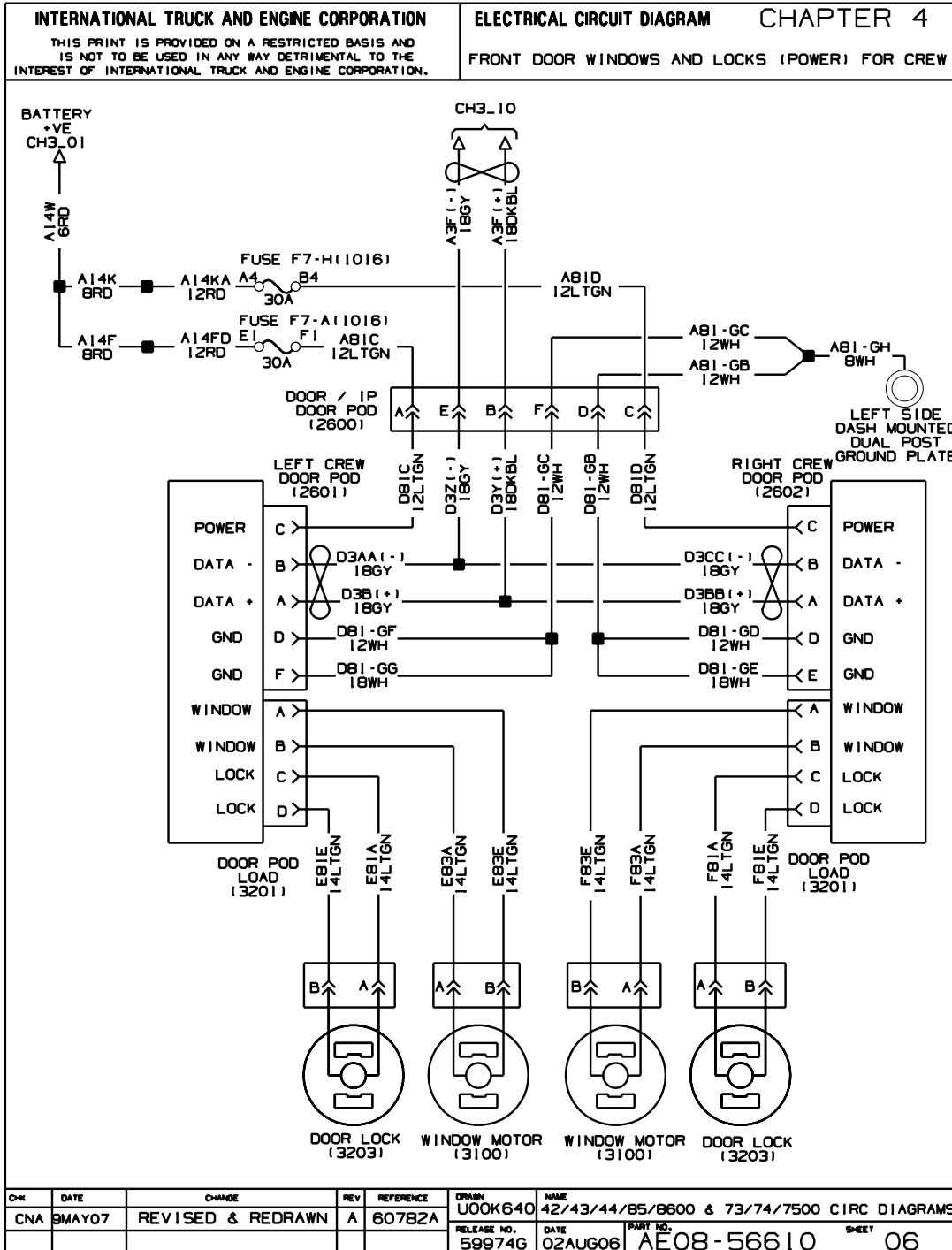


Figure 48 Front Door Windows and Locks (Power) for Crew

4.7. HORN, ELECTRIC AND AIR, P. 7

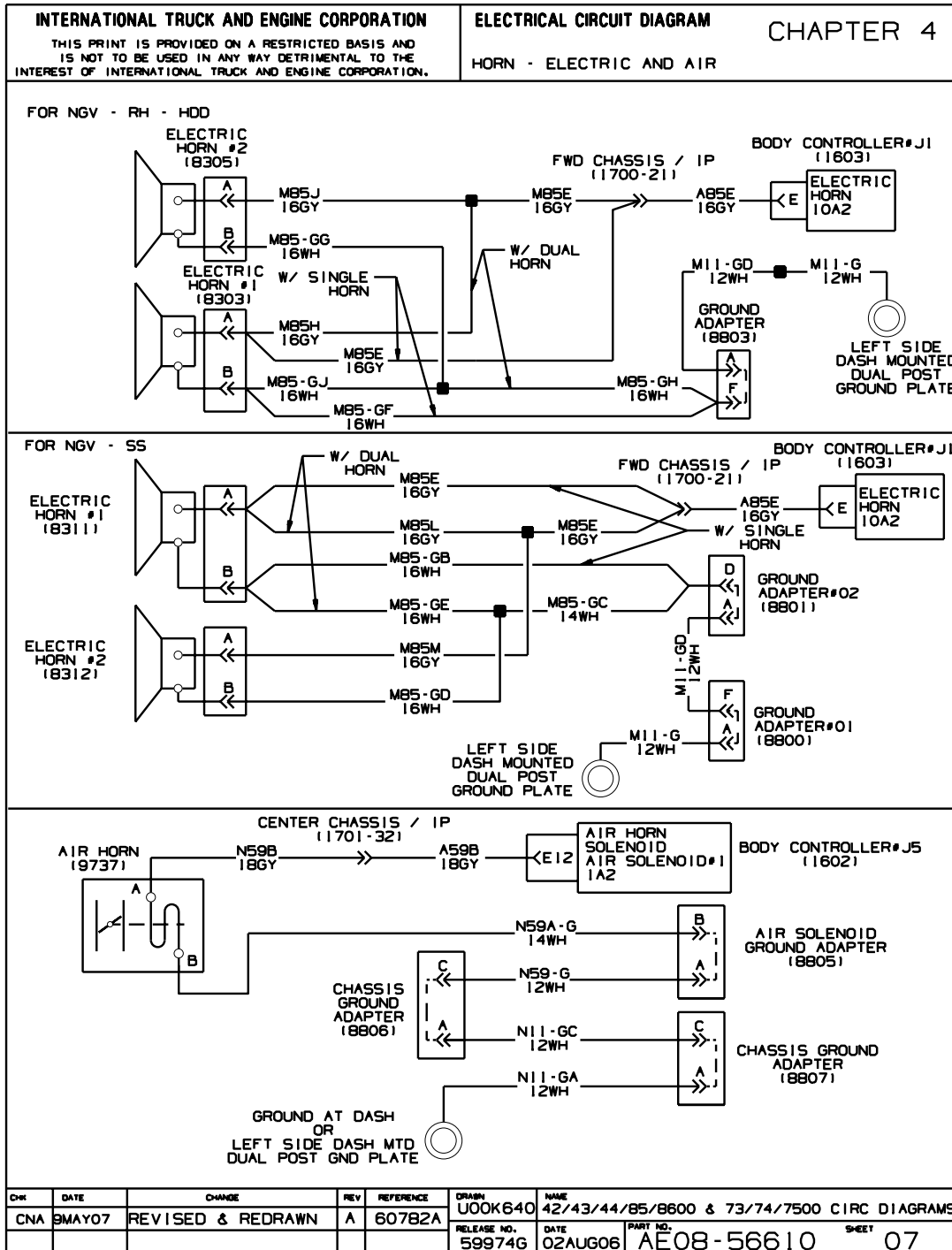


Figure 49 Horn, Electric and Air

4.8. HORN, ELECTRIC AND AIR, P. 8

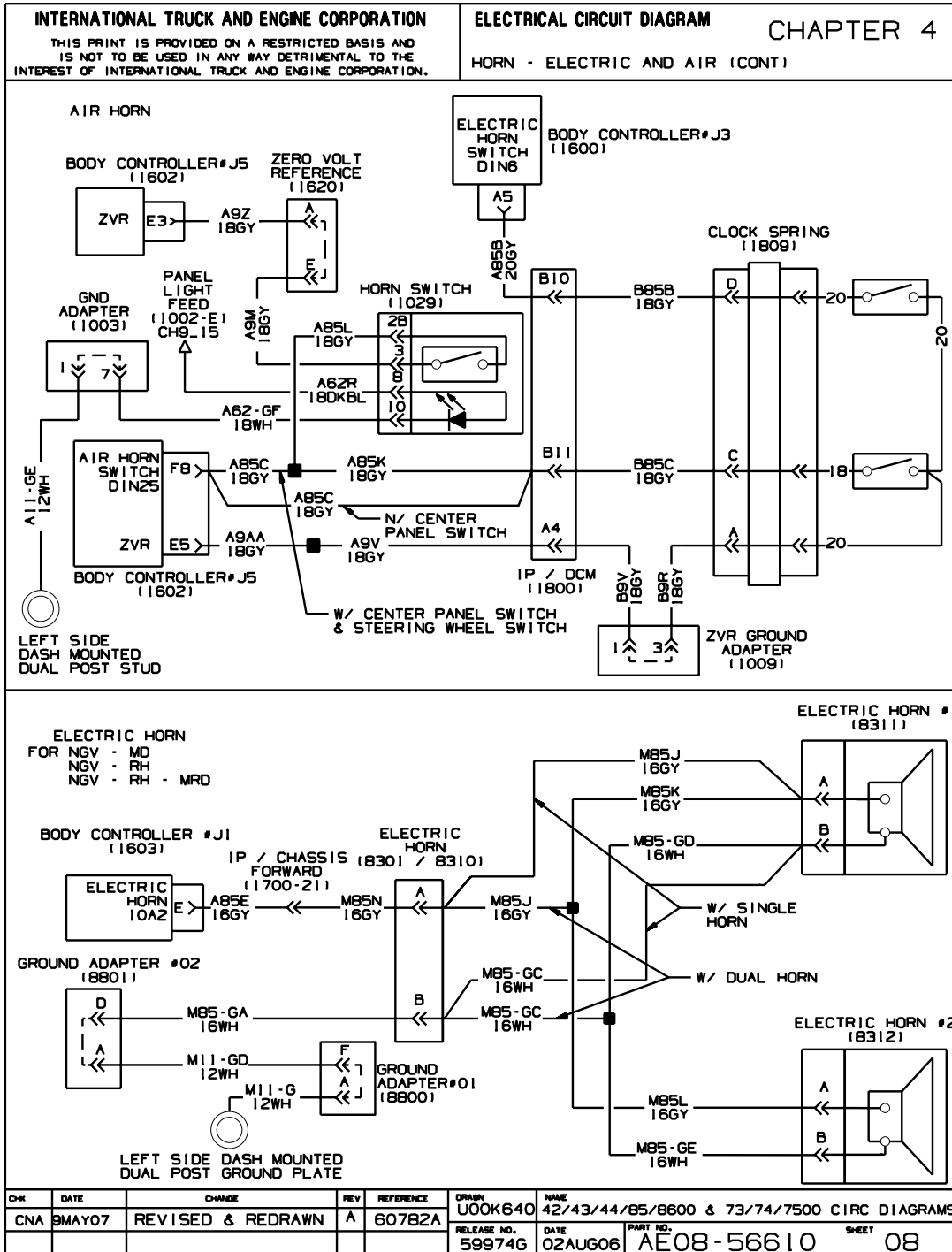


Figure 50 Horn, Electric and Air

4.9. MIRRORS (HEATED, LIGHTED AND POWER), P. 9

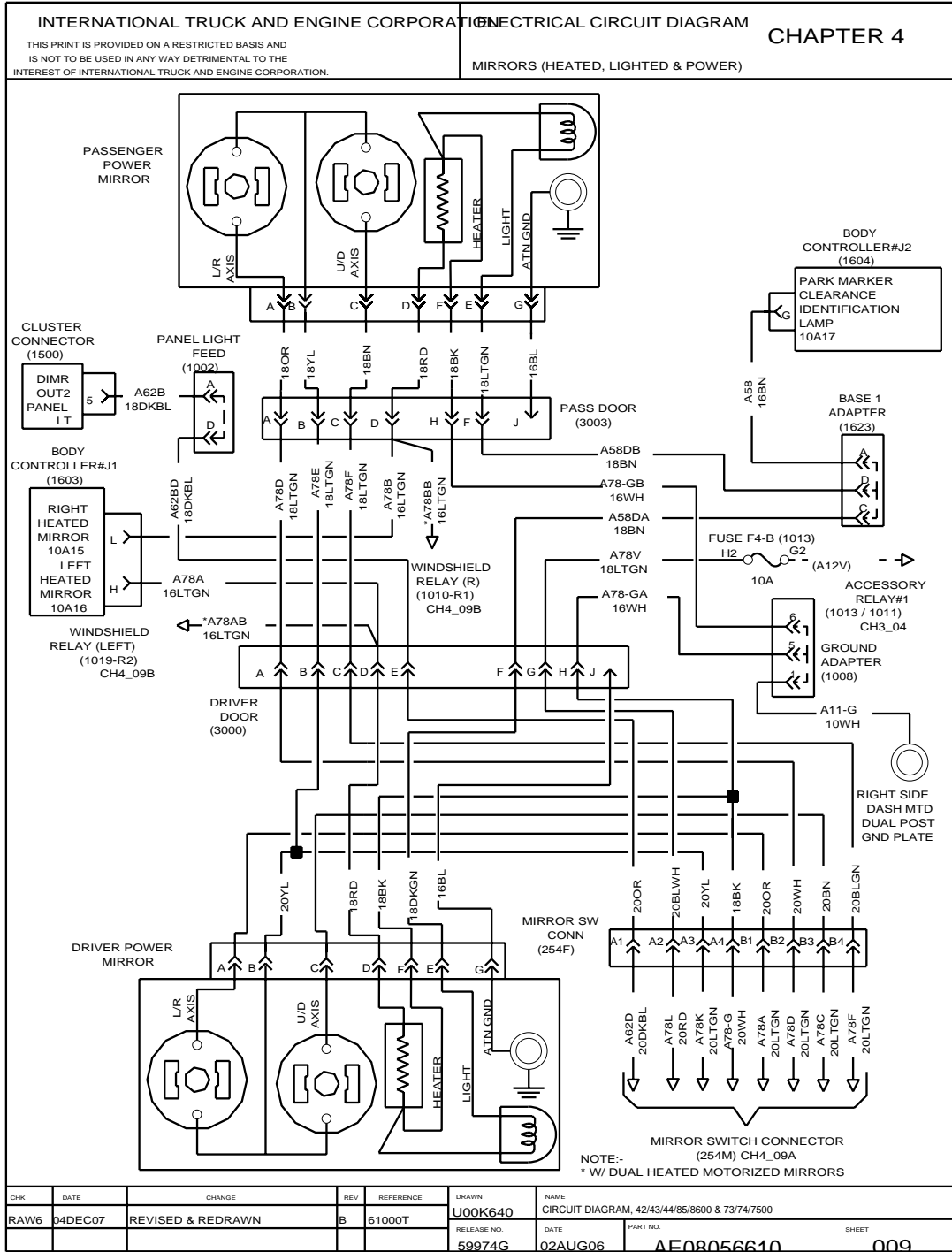


Figure 51 Mirrors (Heated, Lighted and Power)

4.10. MIRRORS (HEATED, LIGHTED AND POWER), P. 9A

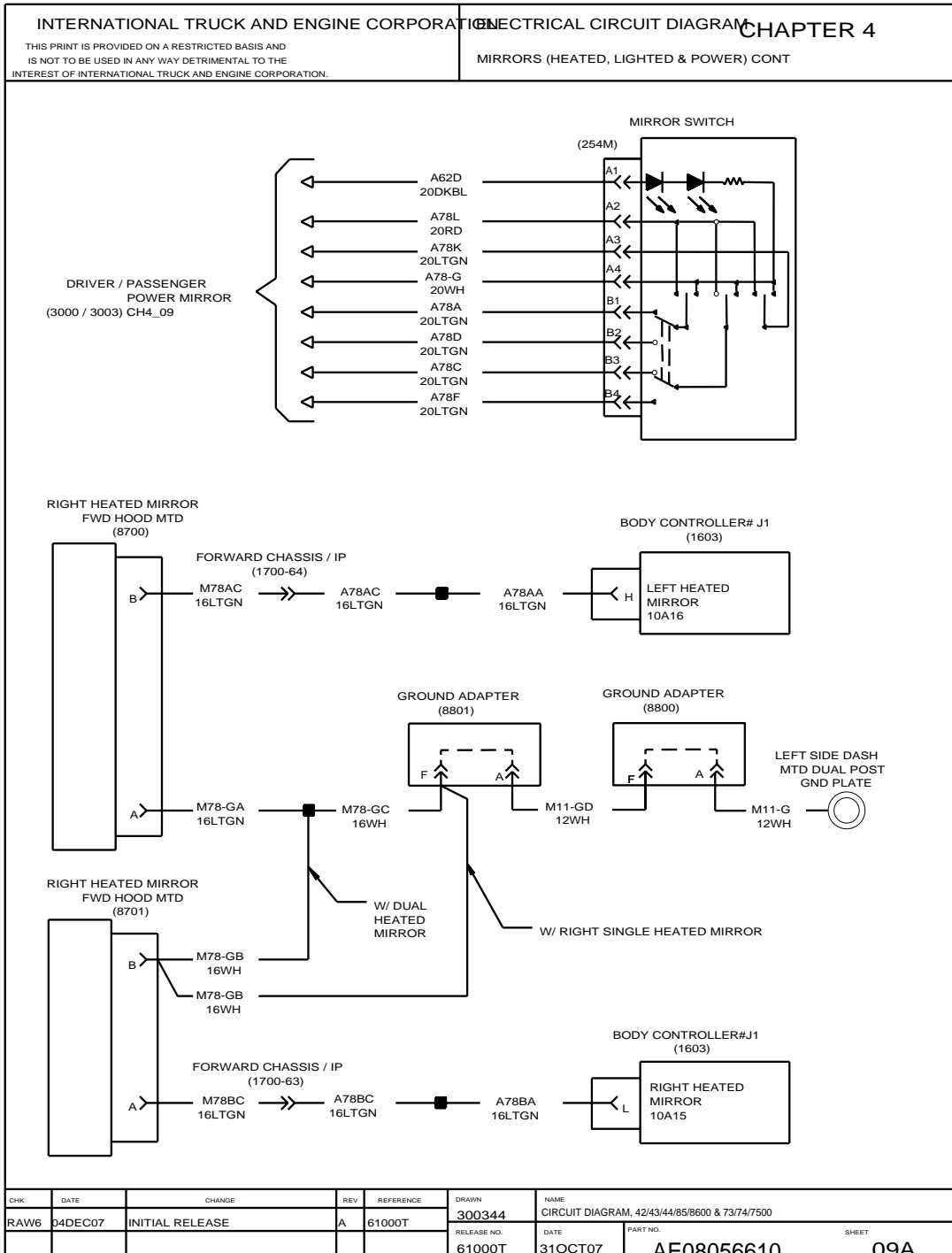


Figure 52 Mirrors (Heated, Lighted and Power)

4.11. DUAL HEATED MOTORIZED MIRRORS WITH HEATED WINDSHIELD, P. 9B

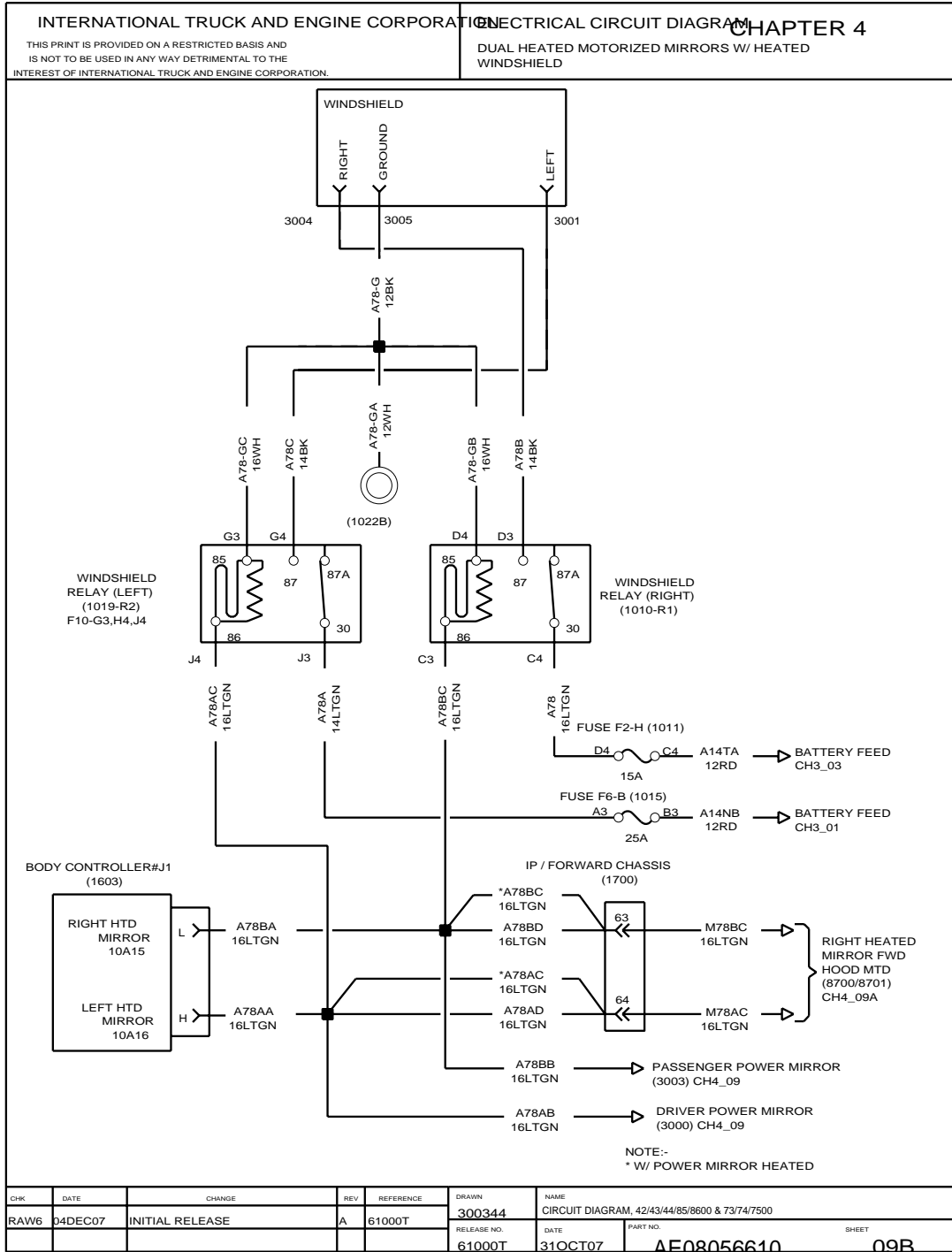


Figure 53 Dual Heated Motorized Mirrors with Heated Windshield

4.12. RADIO (ENTERTAINMENT), SPEAKERS WITH 12 WAY CONN, P. 10

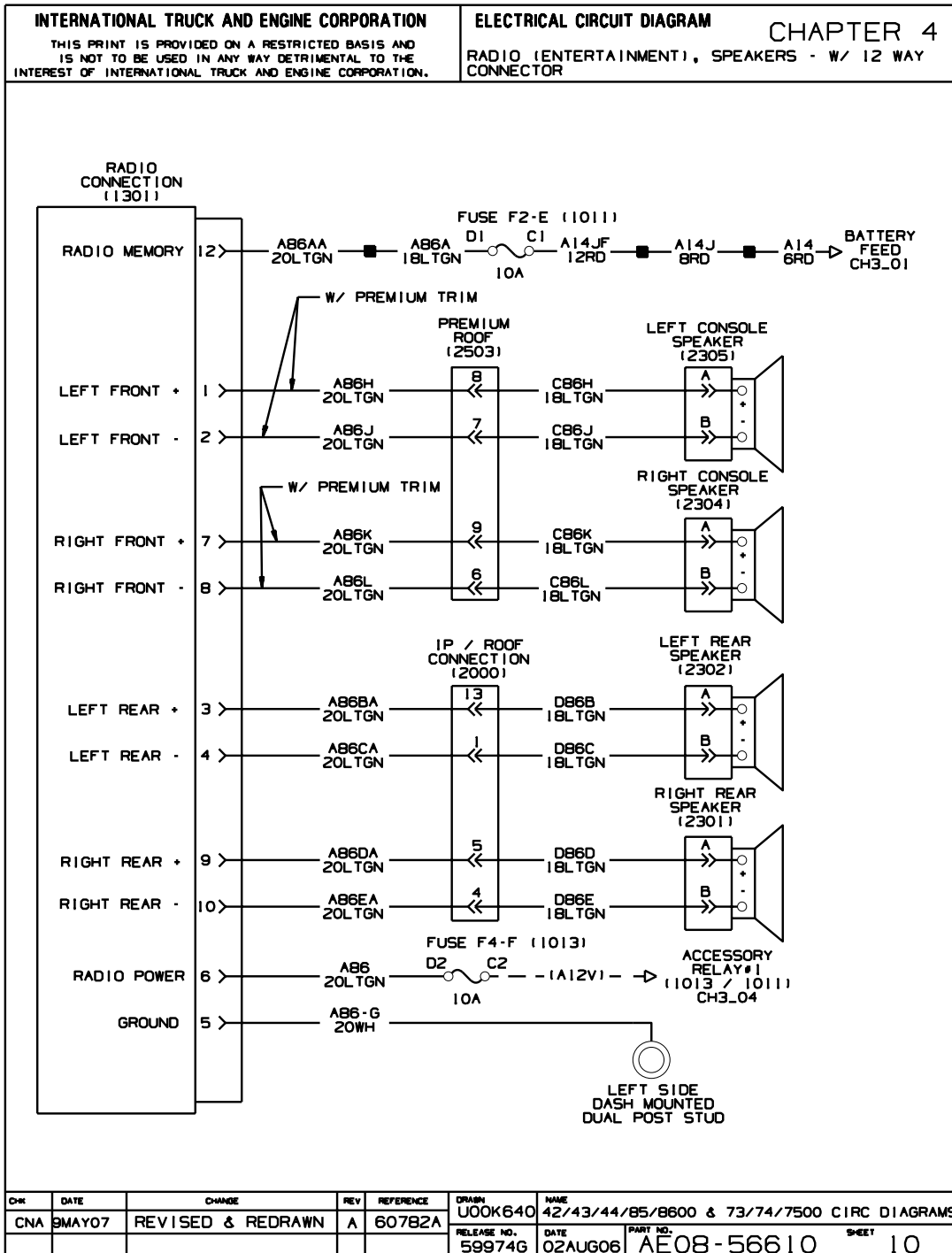


Figure 54 Radio (Entertainment), Speakers with 12 Way Conn

4.13. RADIO (ENTERTAINMENT), SPEAKERS WITH 16 WAY CONN, P. 11

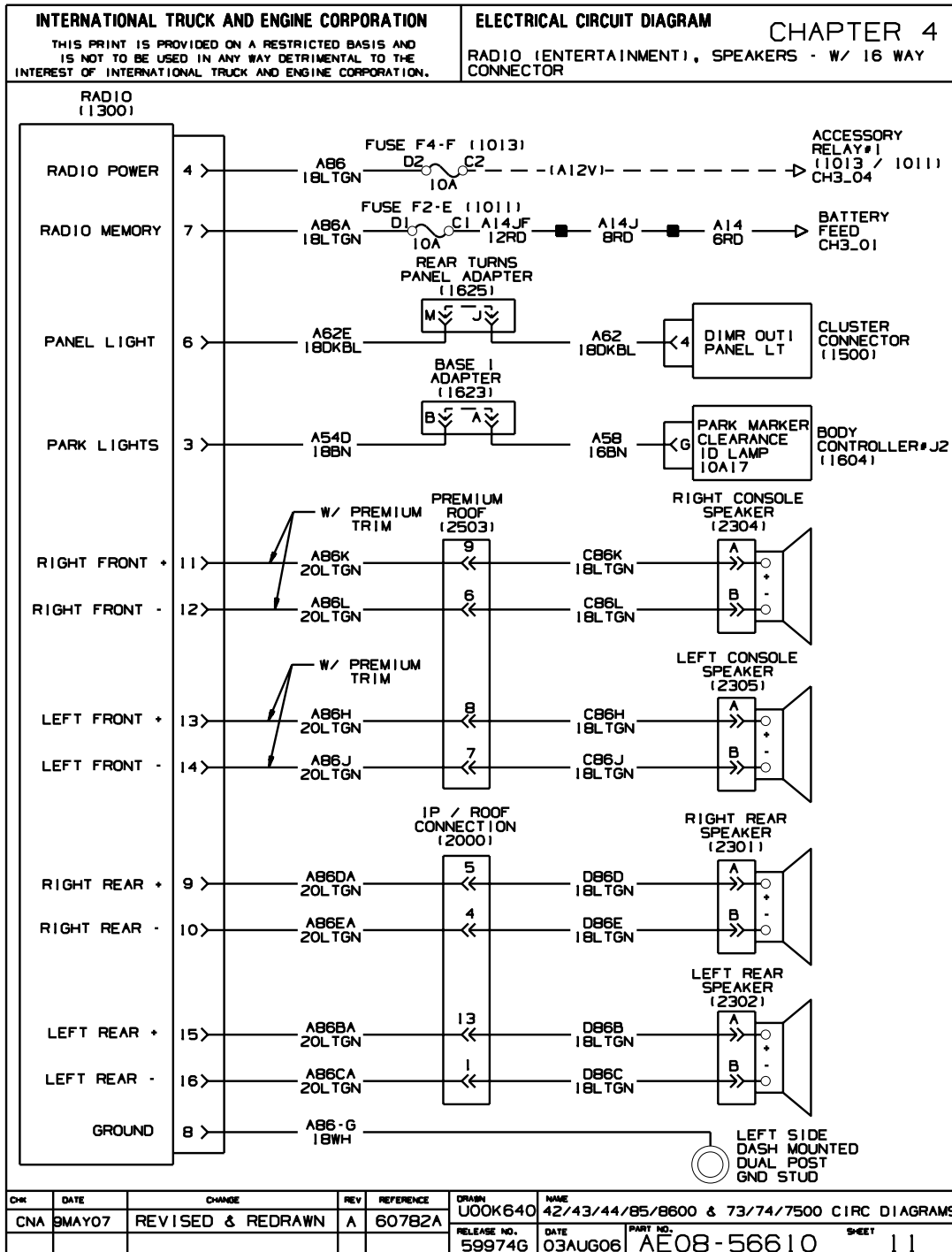


Figure 55 Radio (Entertainment), Speakers with 16 Way Connector

4.14. 2-WAY RADIO, P. 12

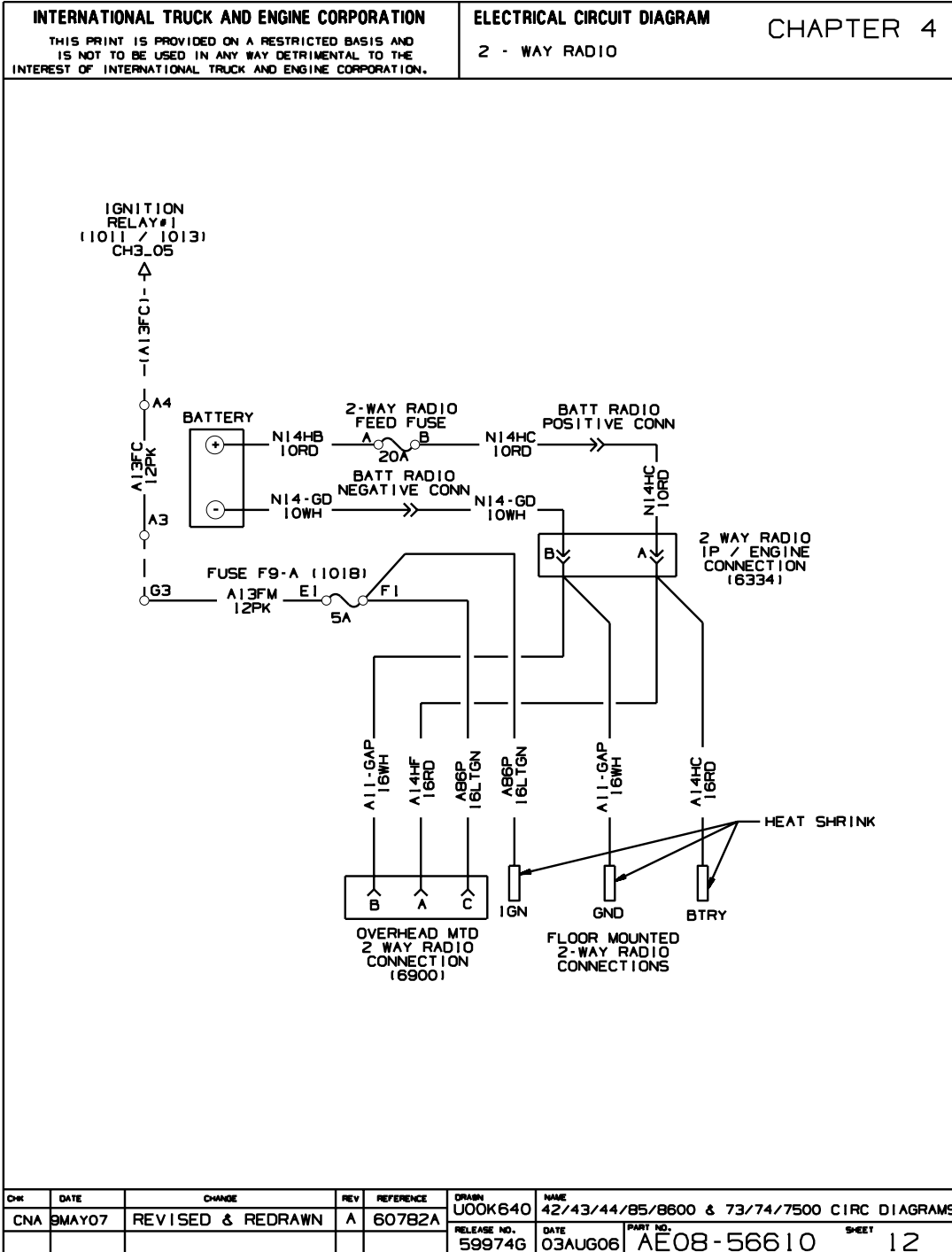


Figure 56 2-Way Radio

4.15. WINDSHIELD WIPER, P. 13

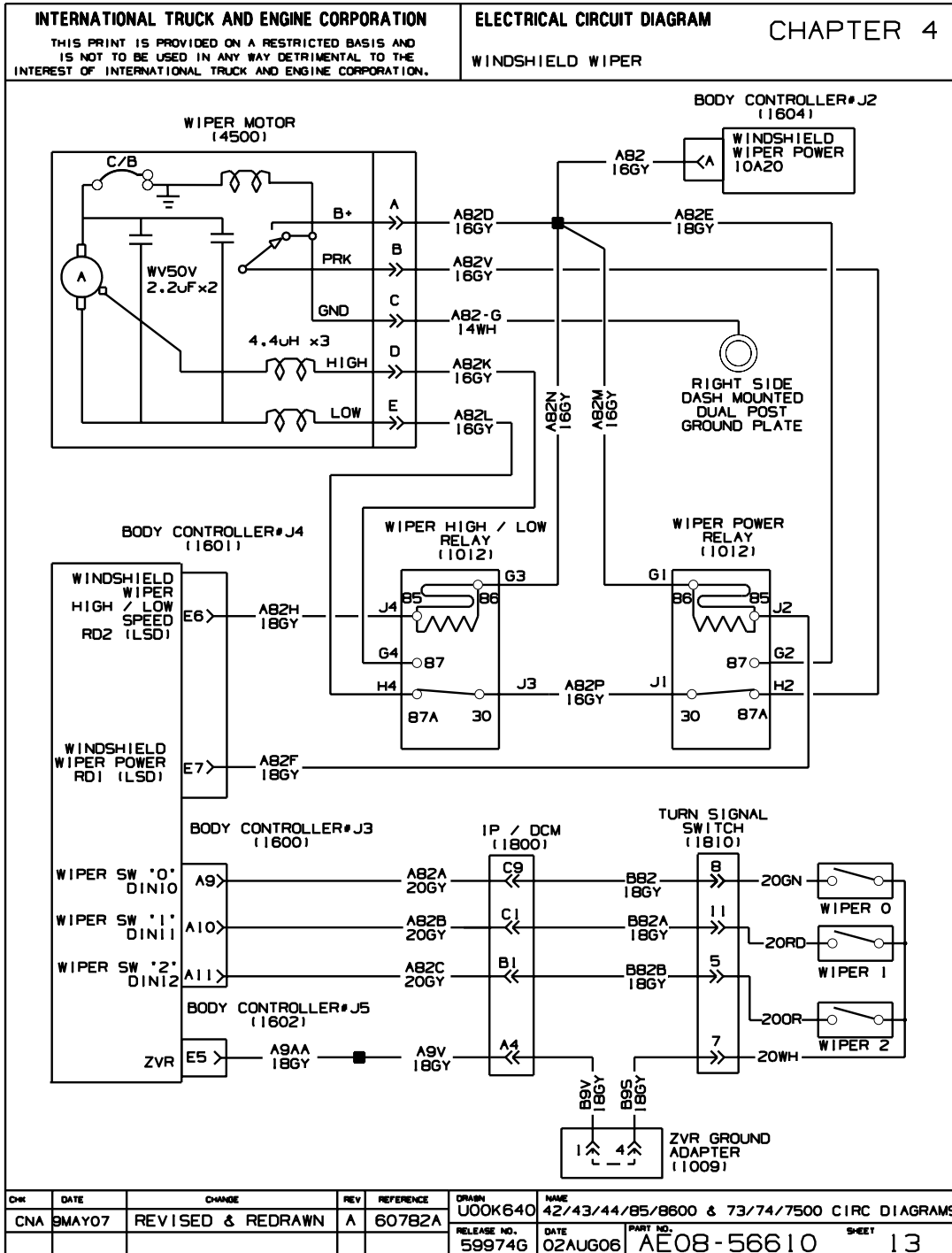


Figure 57 Windshield Wiper

4.16. WASHER PUMP, P. 14

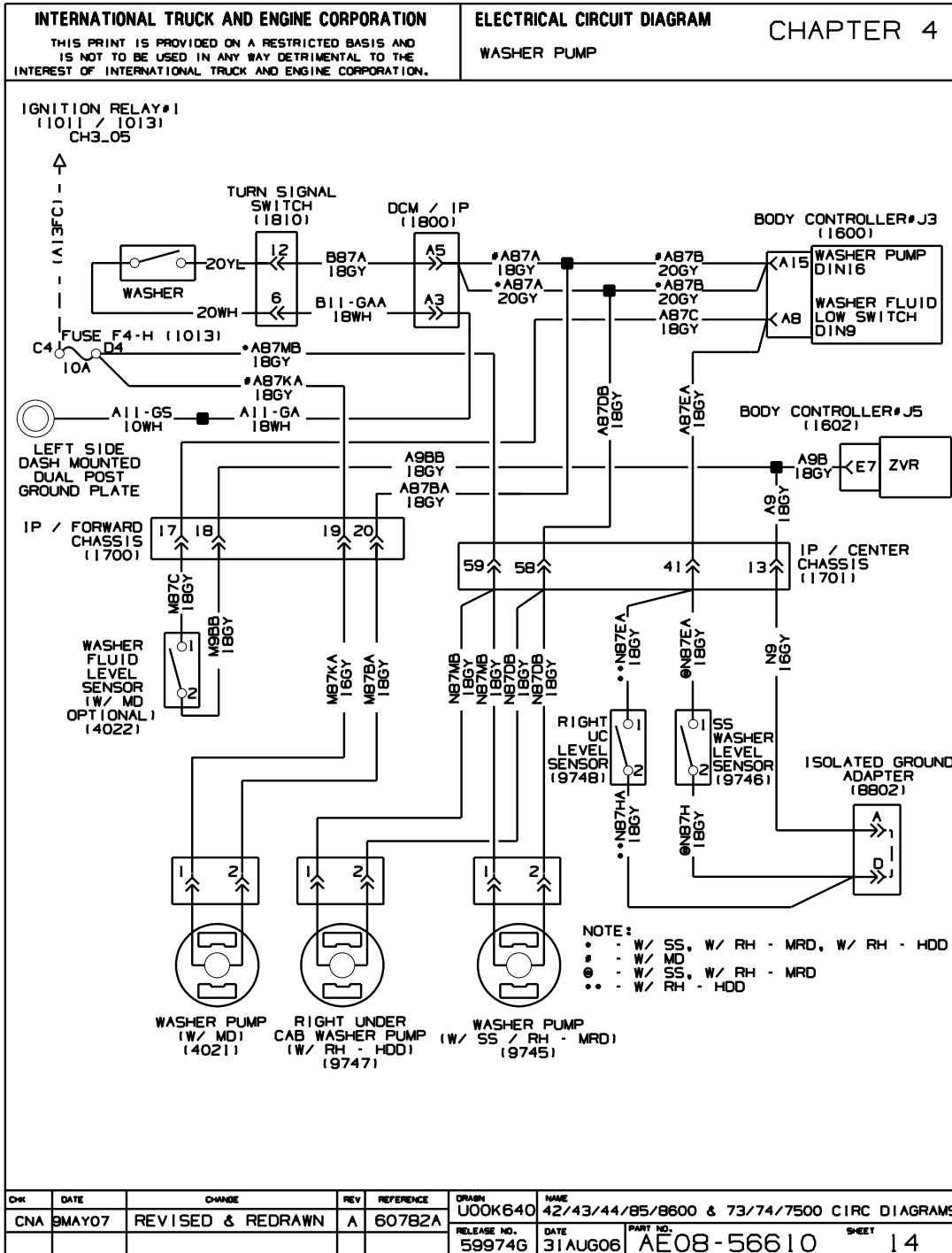


Figure 58 Washer Pump

4.17. SWITCH PACK OPTIONAL GAUGE PACK, P. 15

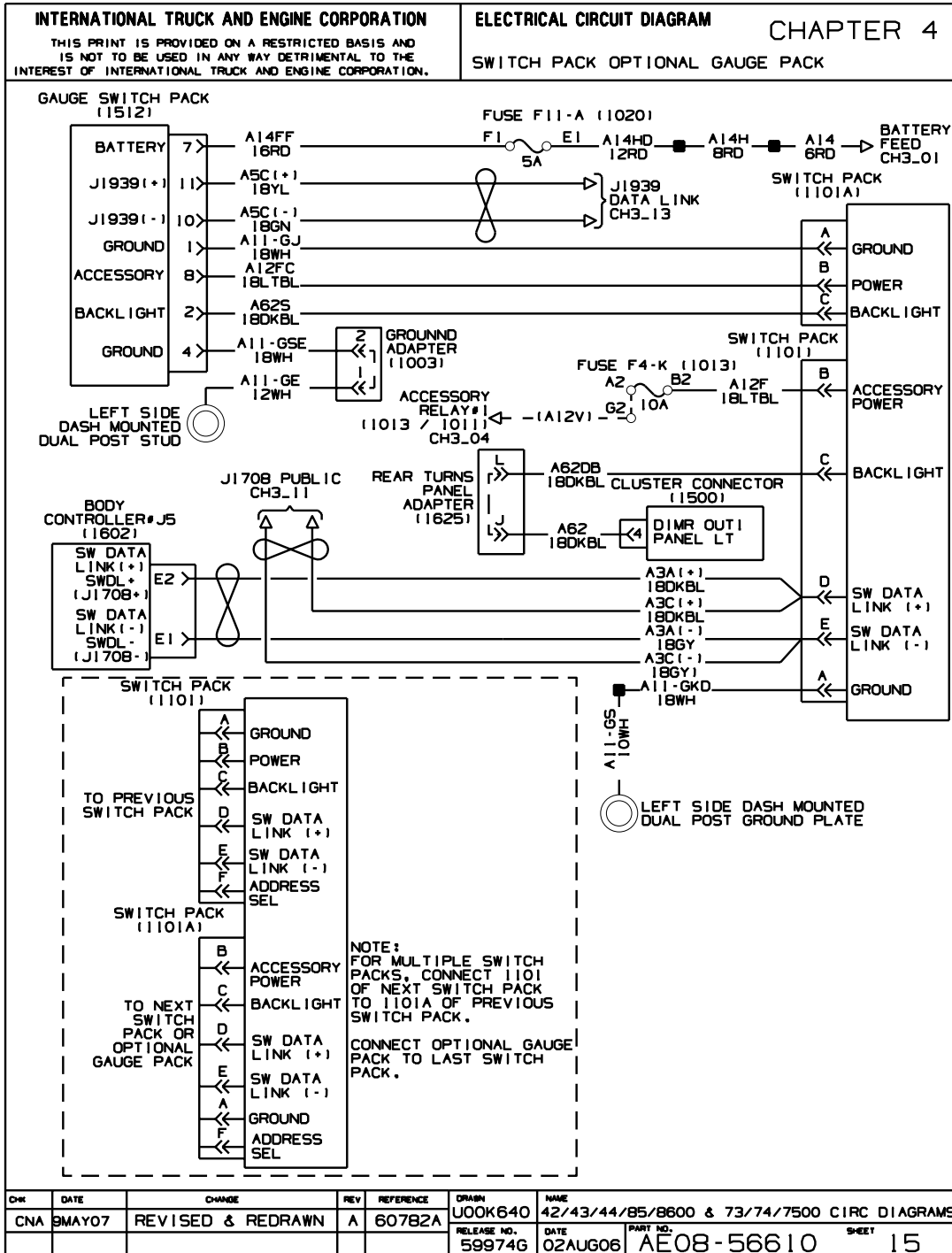


Figure 59 Switch Pack Optional Gauge Pack

4.18. ROOF AUXILIARY LOAD, P. 16

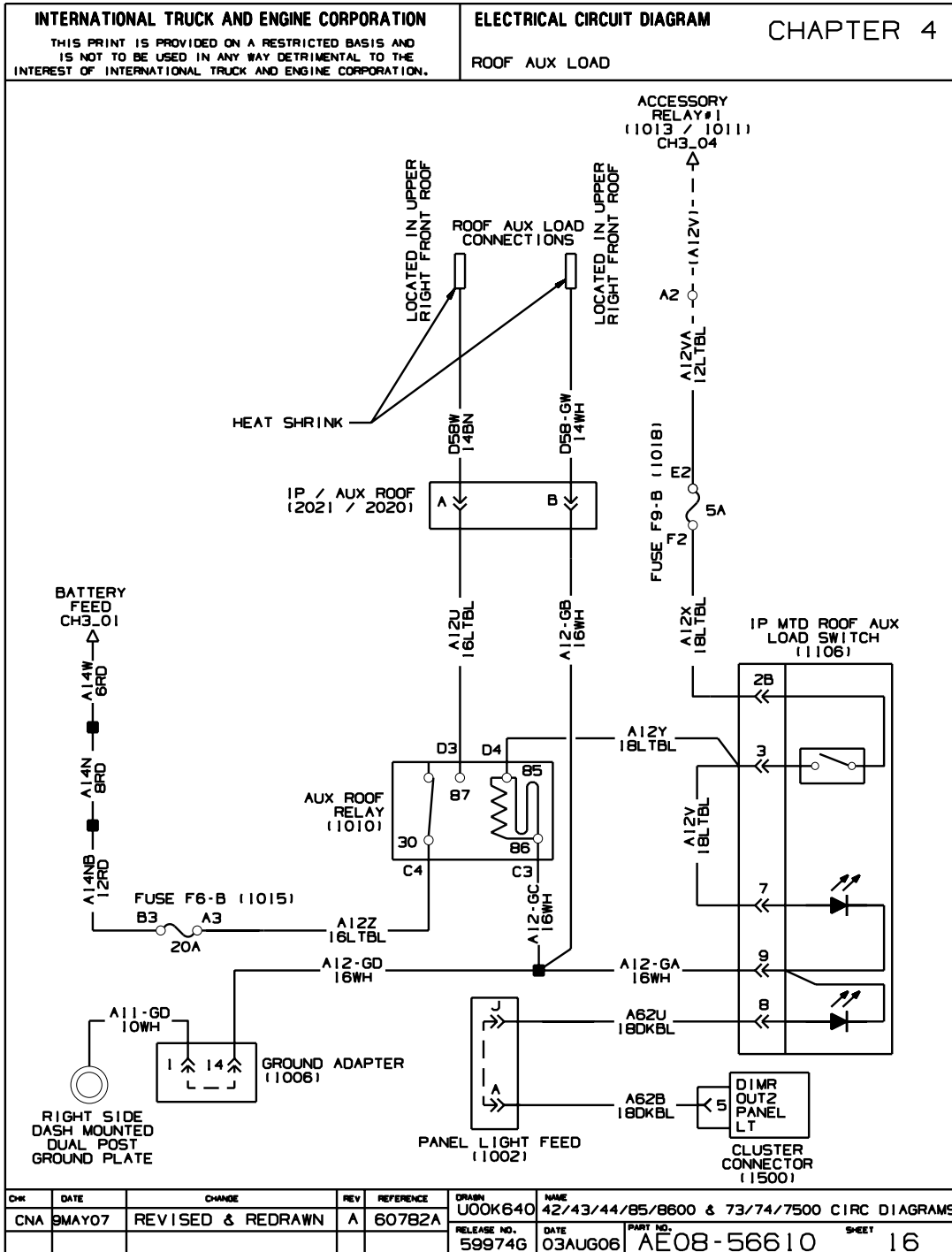


Figure 60 Roof Auxiliary Load

4.19. SATELLITE COMMUNICATION — QUALCOMM IMCT, P. 17

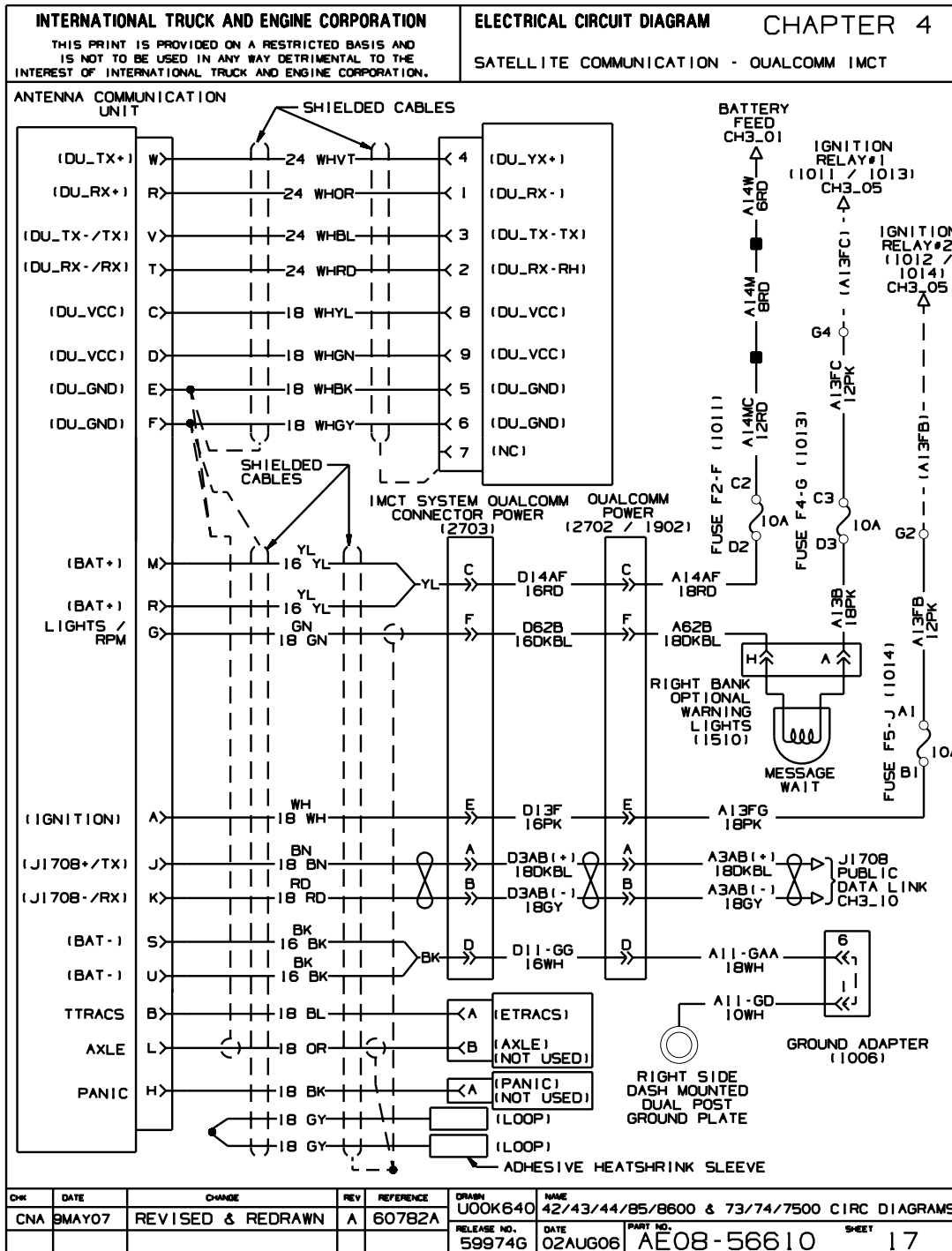


Figure 61 Satellite Communication — Qualcomm IMCT

4.20. SATELLITE COMMUNICATION — TRIPMASTER, P. 18

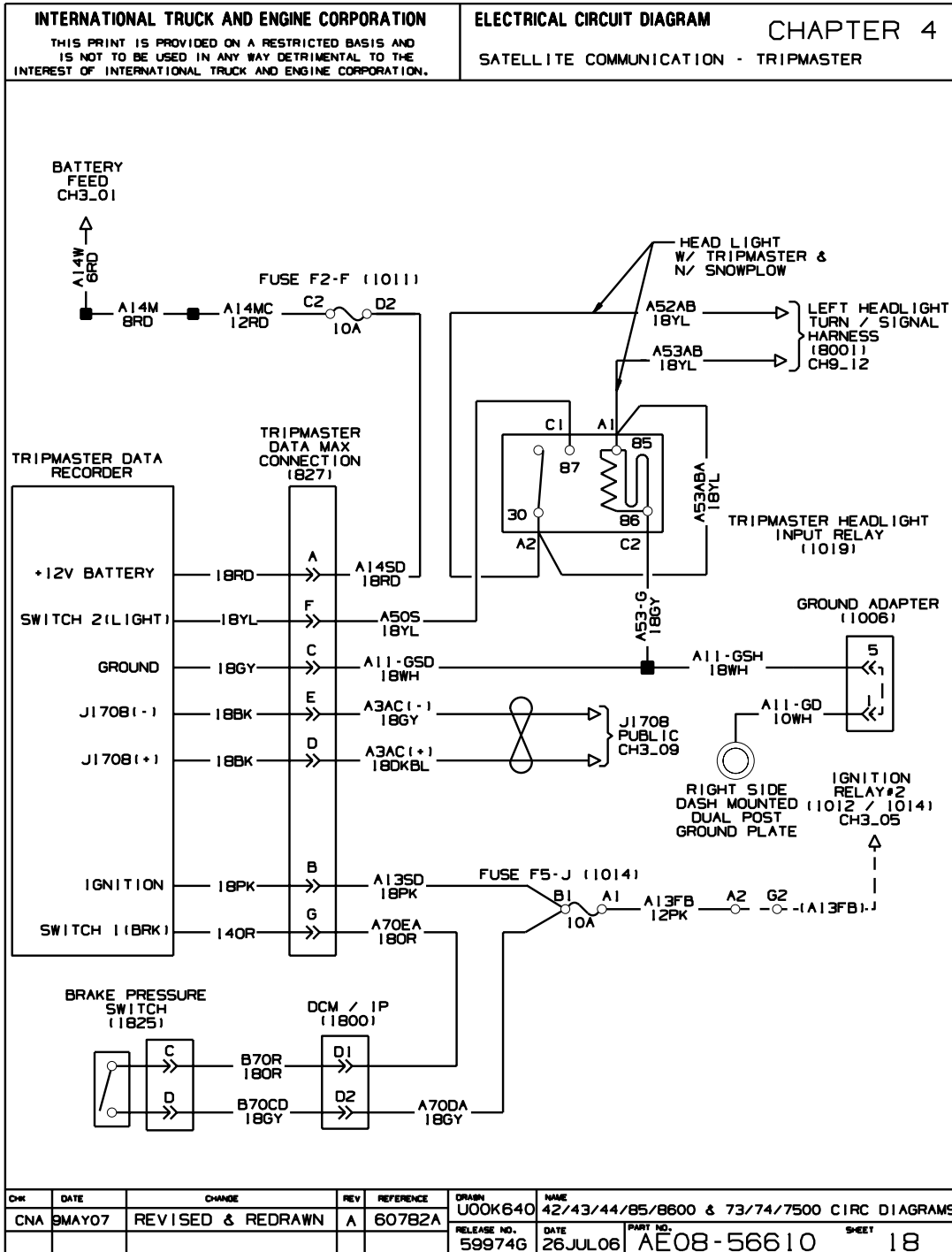


Figure 62 Satellite Communication — Tripmaster

4.21. COMPUTER PREWIRED — XATA SYSTEM, P. 19

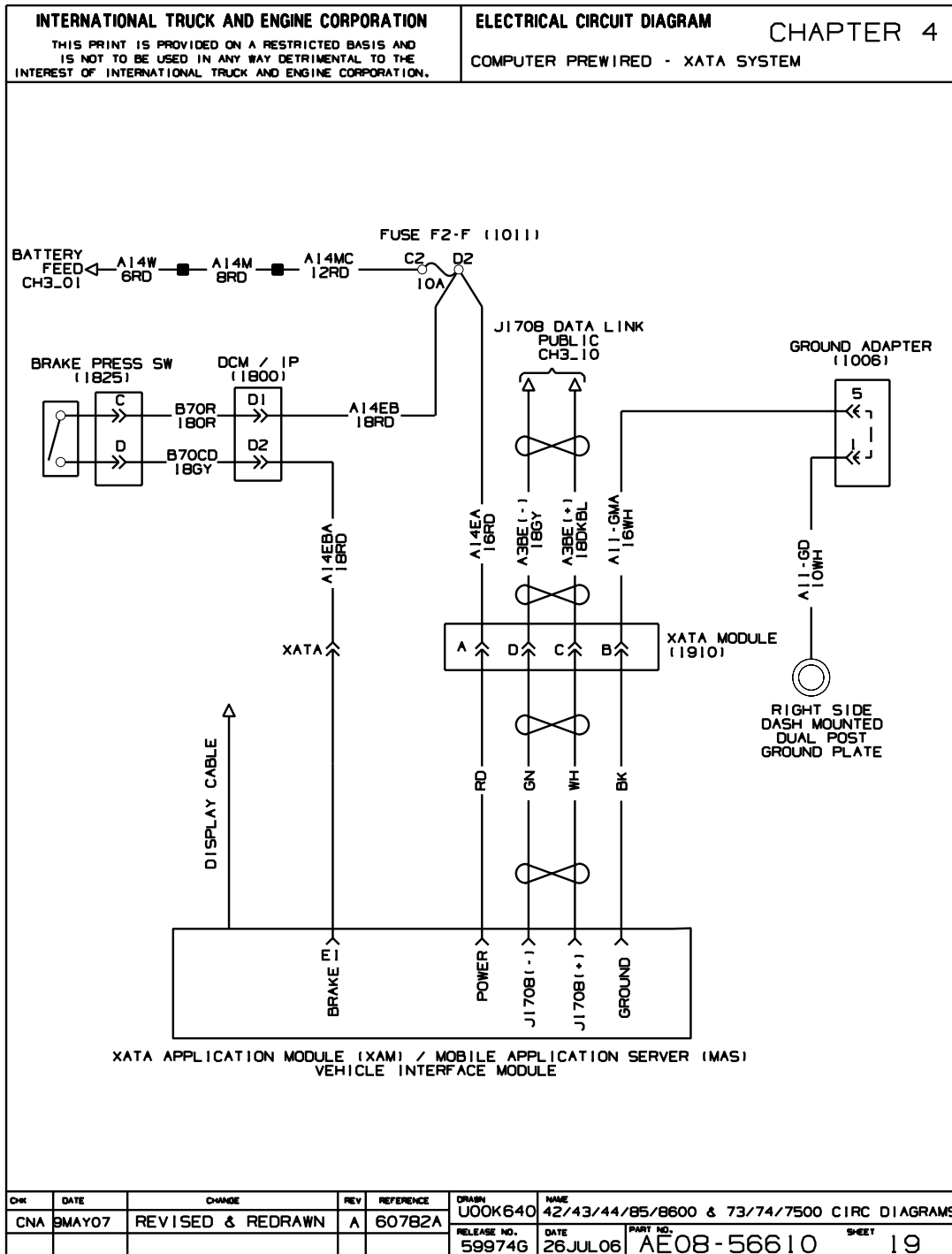


Figure 63 Computer Prewired — XATA System

4.22. CADEC GPS SYSTEM, P. 20

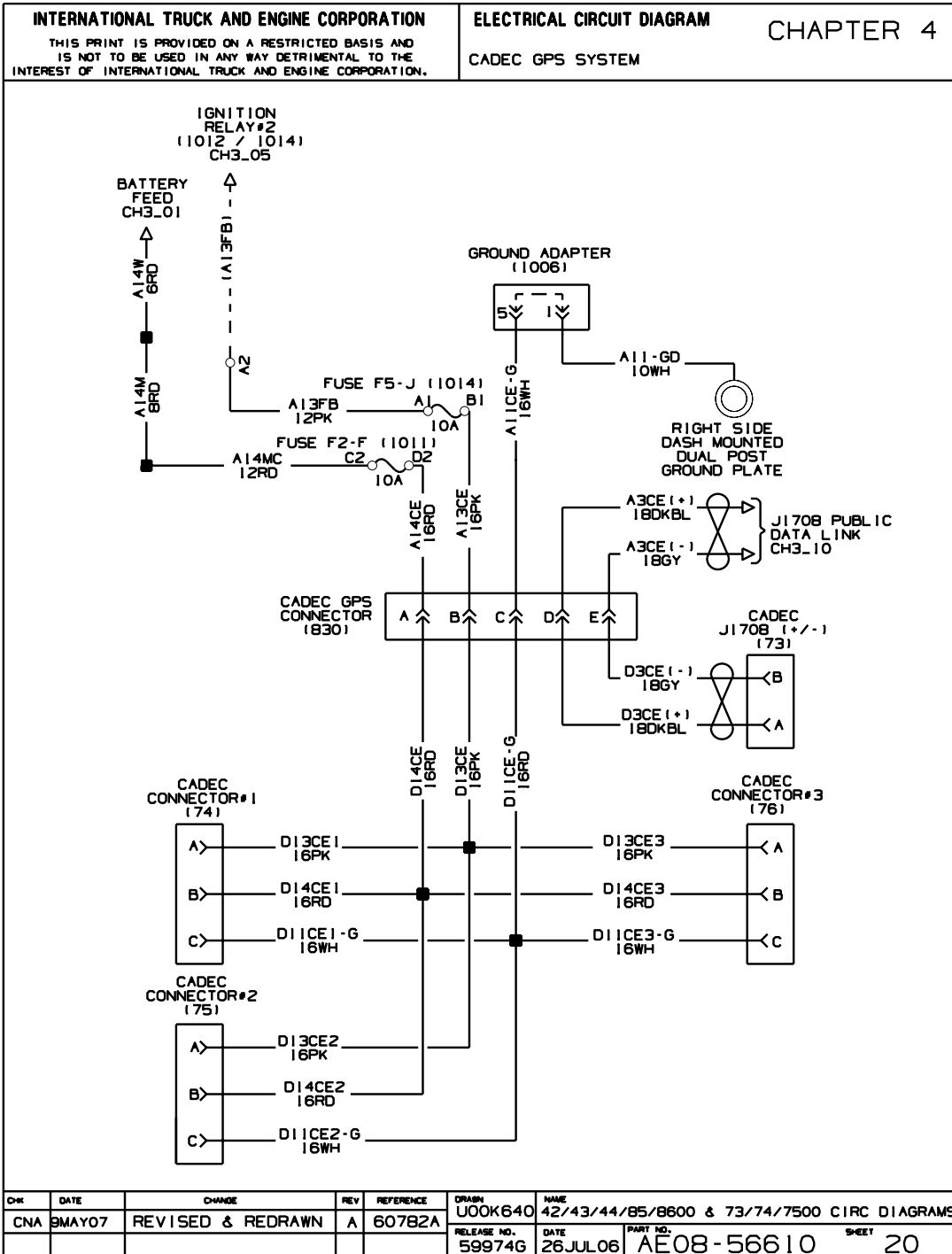


Figure 64 Cadec GPS System

4.23. SATELLITE COMMUNICATION — MOBILEMAX, P. 21

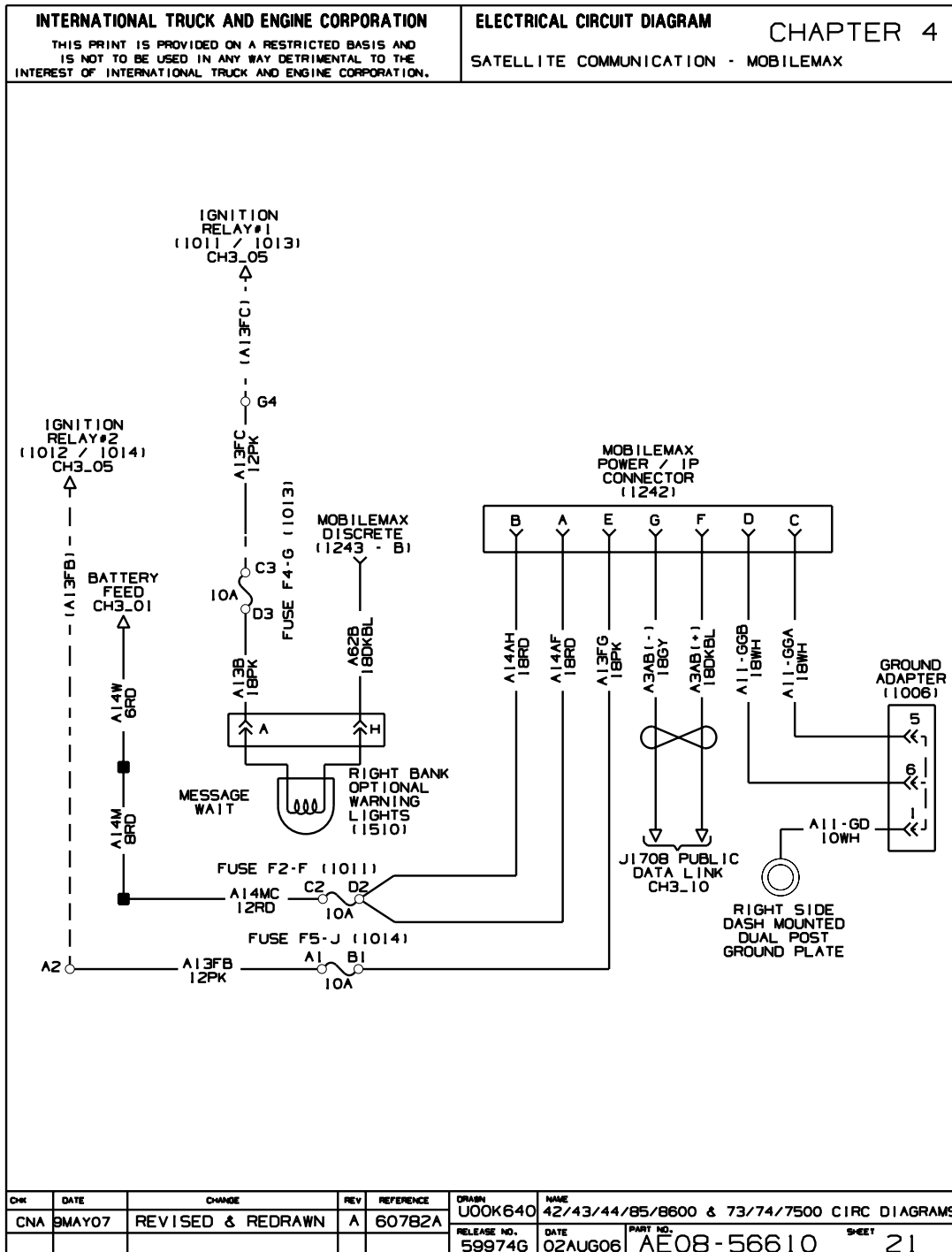


Figure 65 Satellite Communication — MobileMax

4.24. SELF CONTAINED AIR SEAT, P. 22

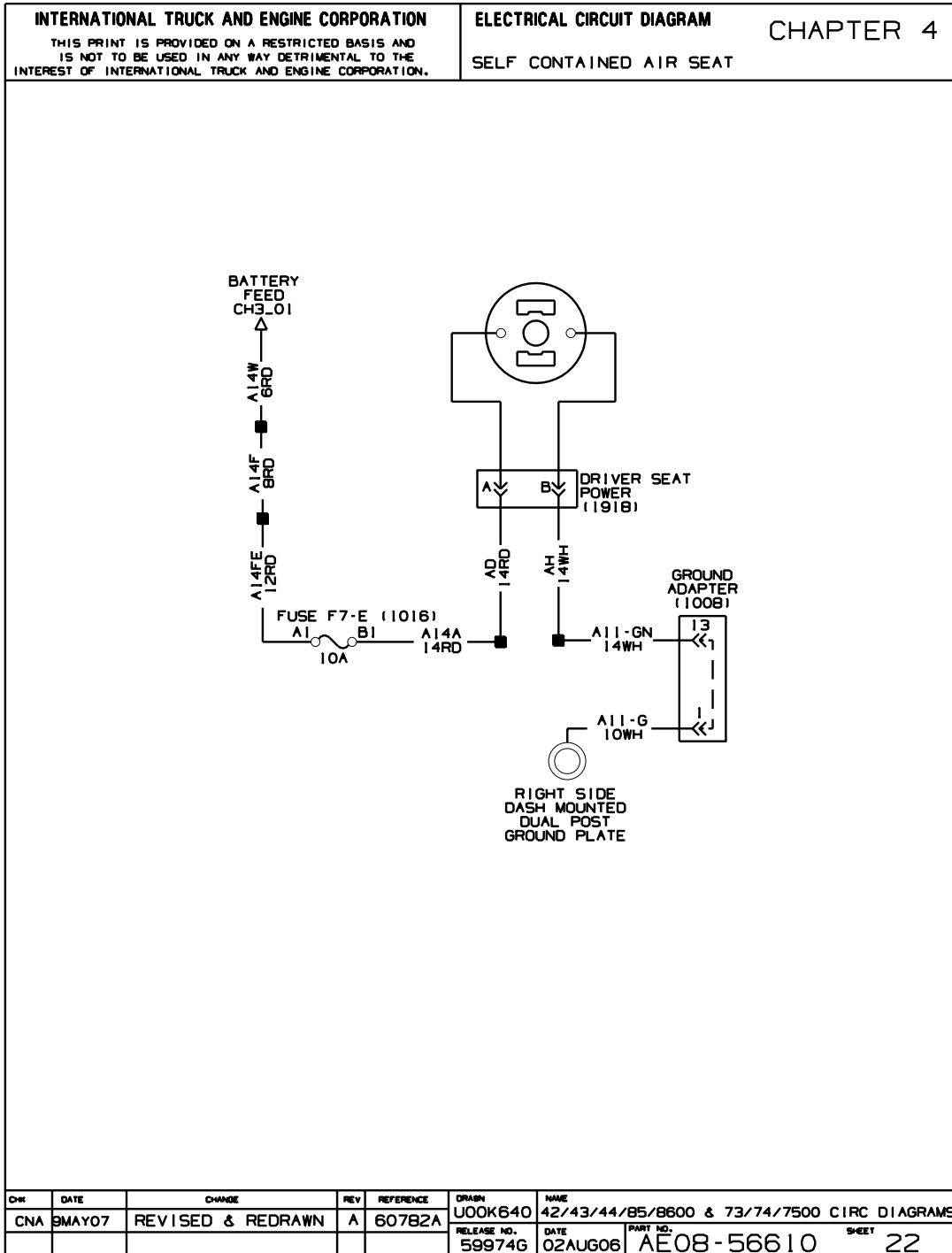


Figure 66 Self Contained Air Seat

4.25. HEATED SEATS, P. 23

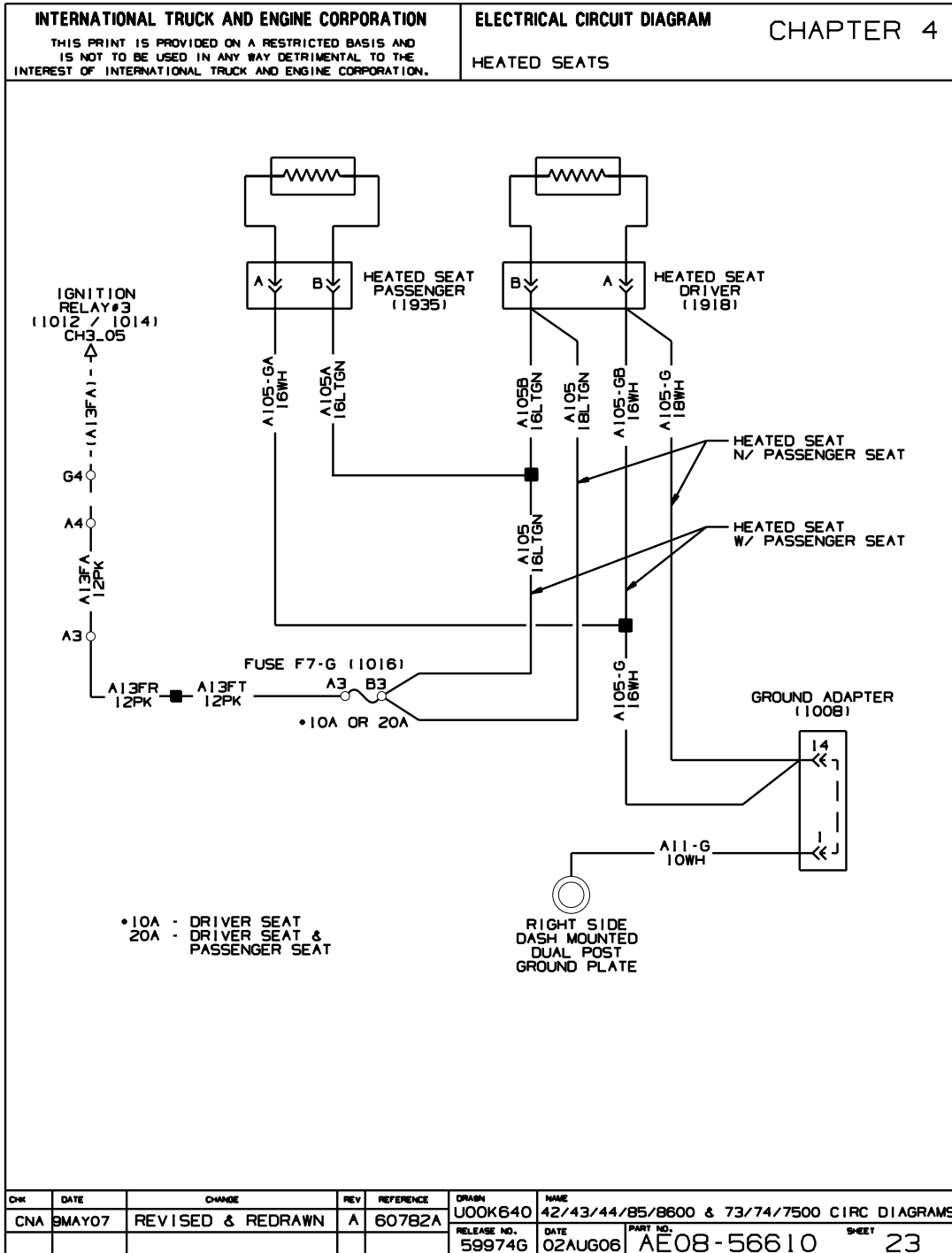


Figure 67 Heated Seats

4.26. TELEMATICS SYSTEM, P. 24

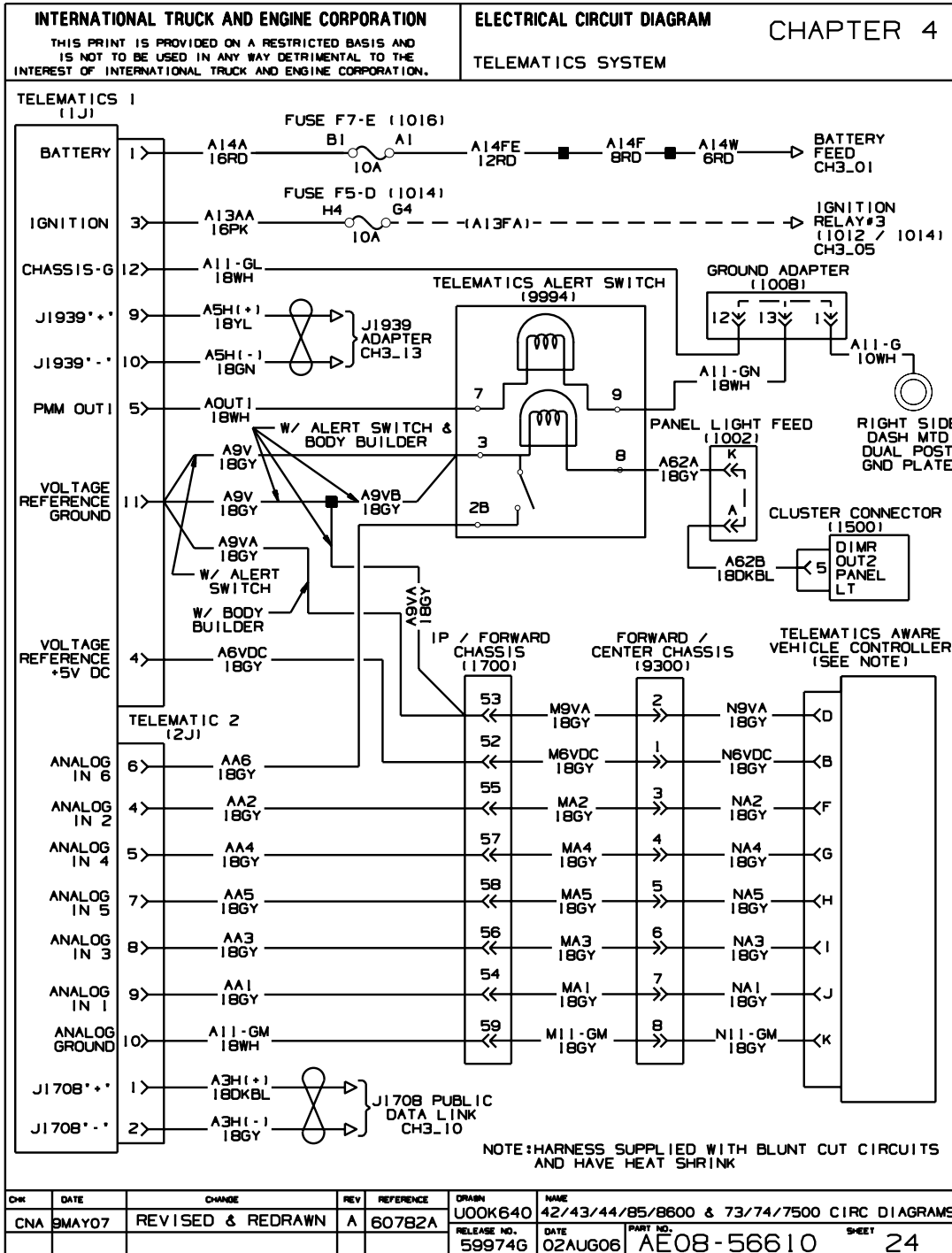


Figure 68 Telematics System

4.27. EATON VORAD COLLISION AVOIDANCE SYSTEM, P. 25

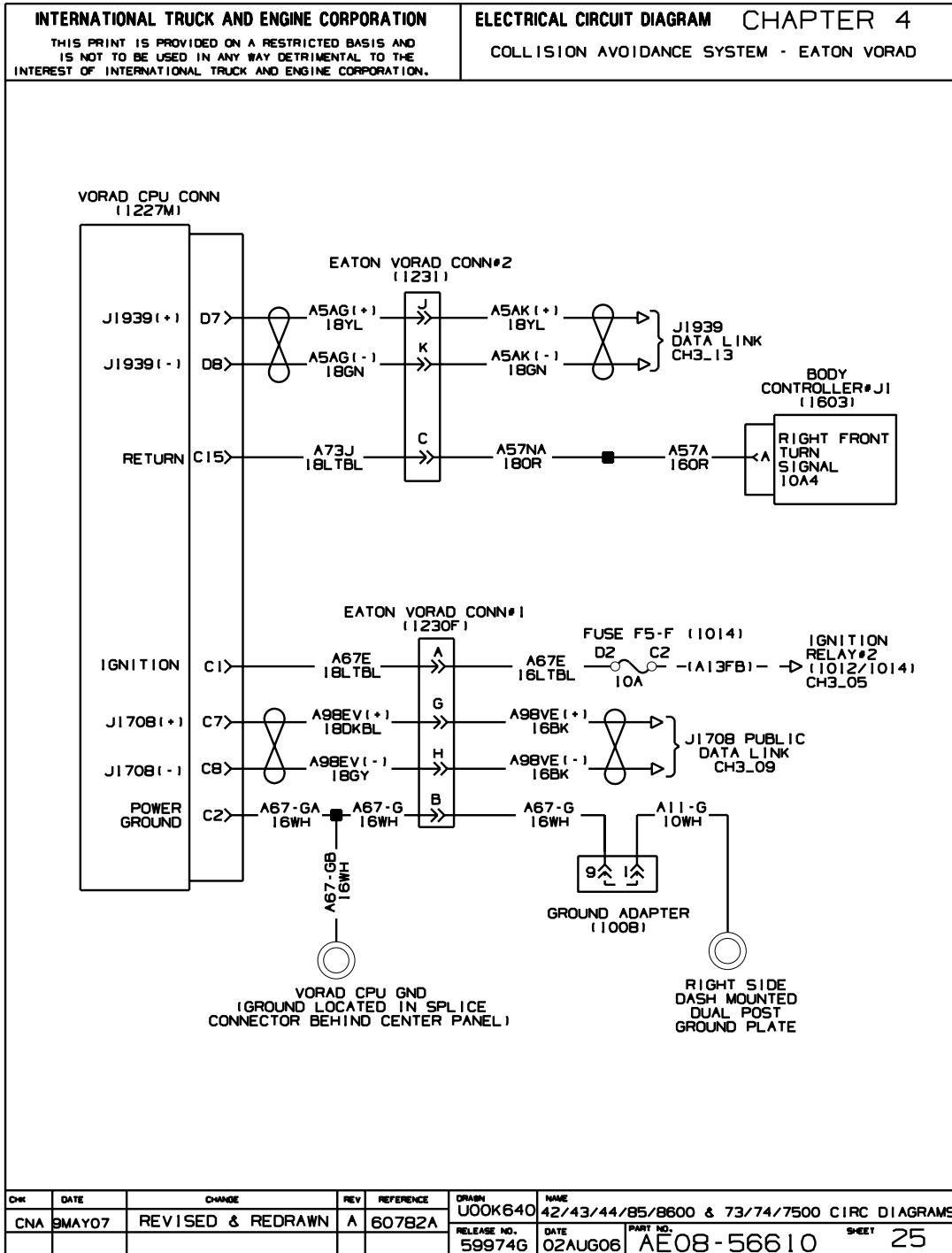


Figure 69 Eaton Vorad Collision Avoidance System

4.28. EATON VORAD COLLISION AVOIDANCE SYSTEM, P. 26

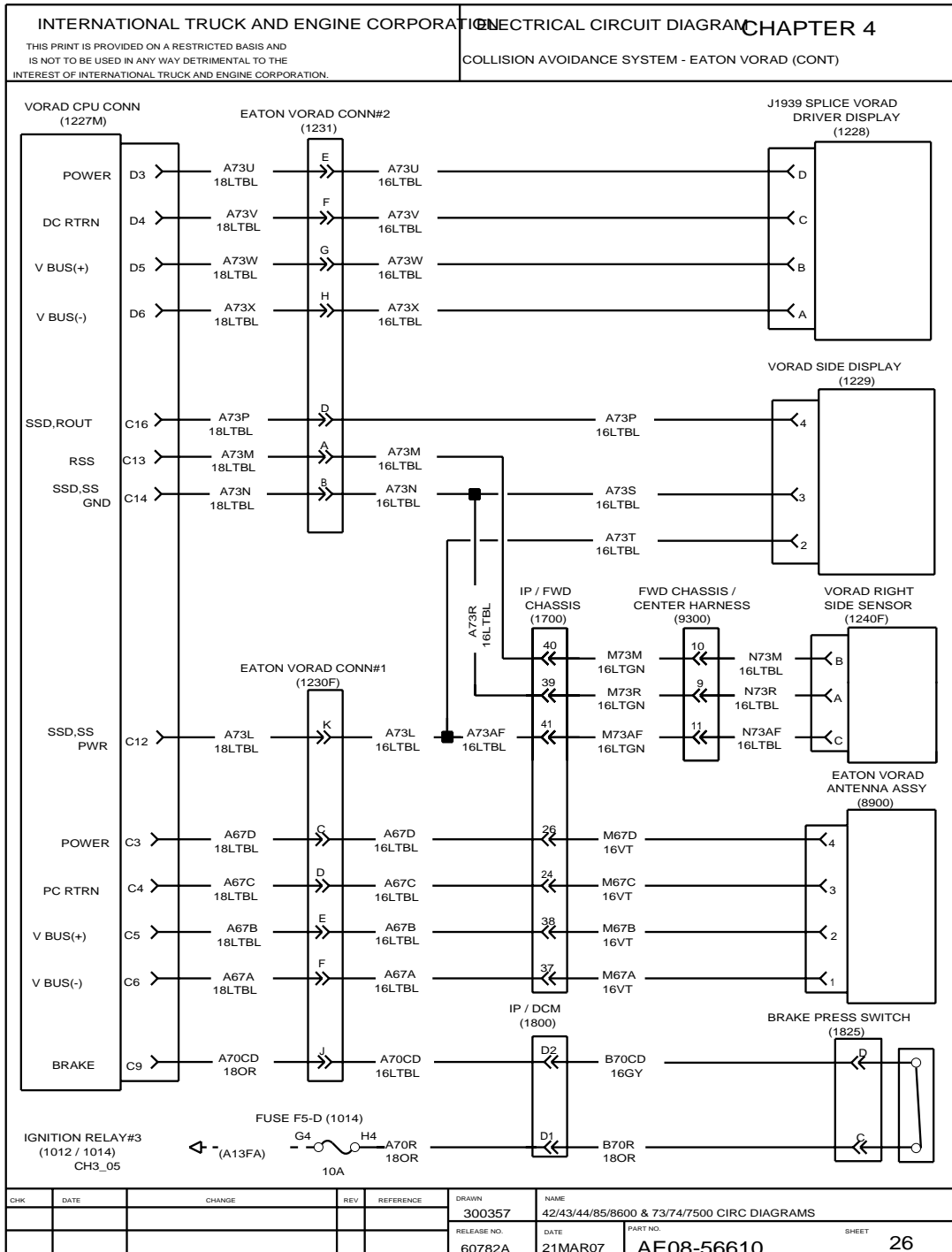


Figure 70 Eaton Vorad Collision Avoidance System

4.29. DRIVER DISPLAY, P. 27

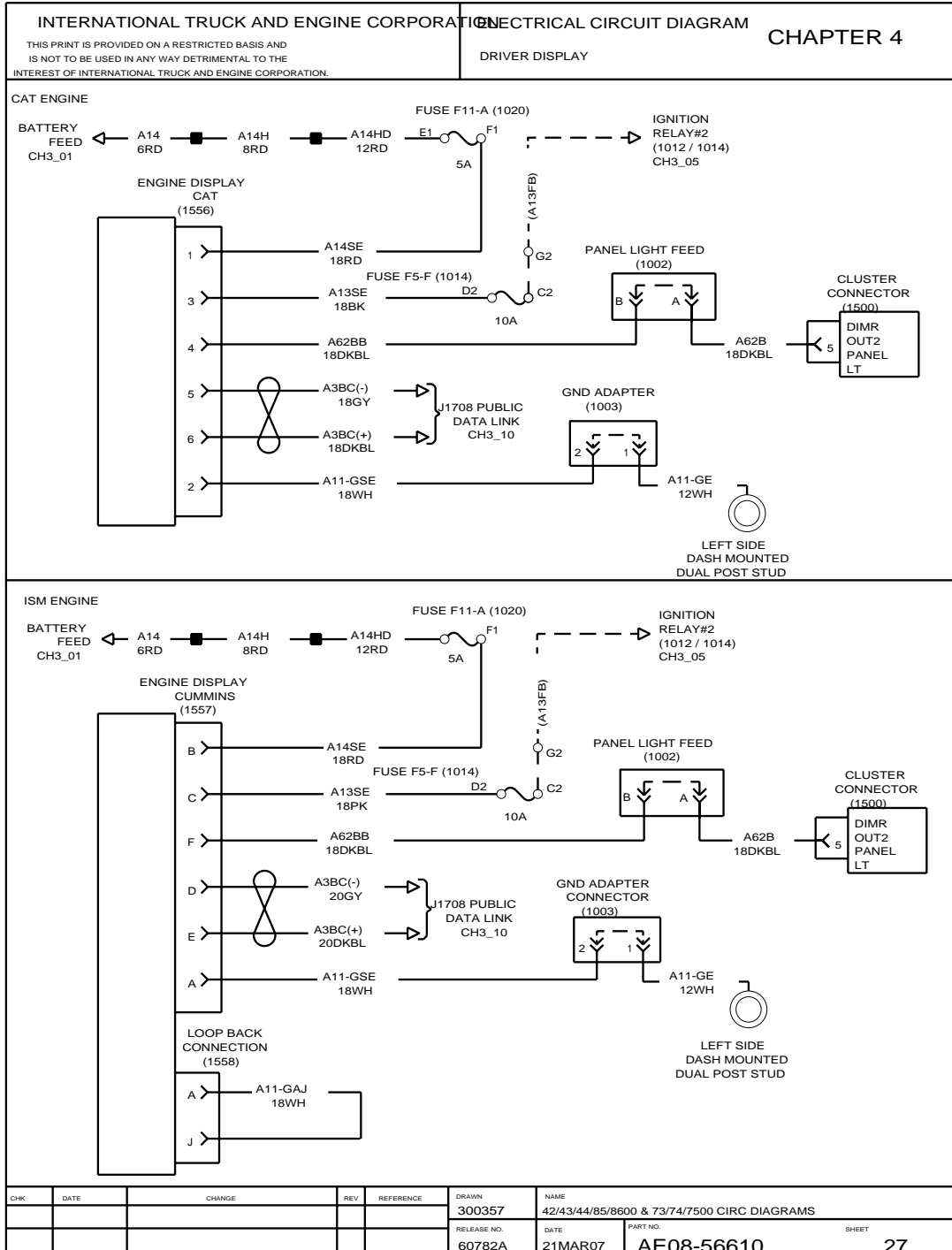


Figure 71 Driver Display

4.30. BACK-UP CAMERA, P. 28

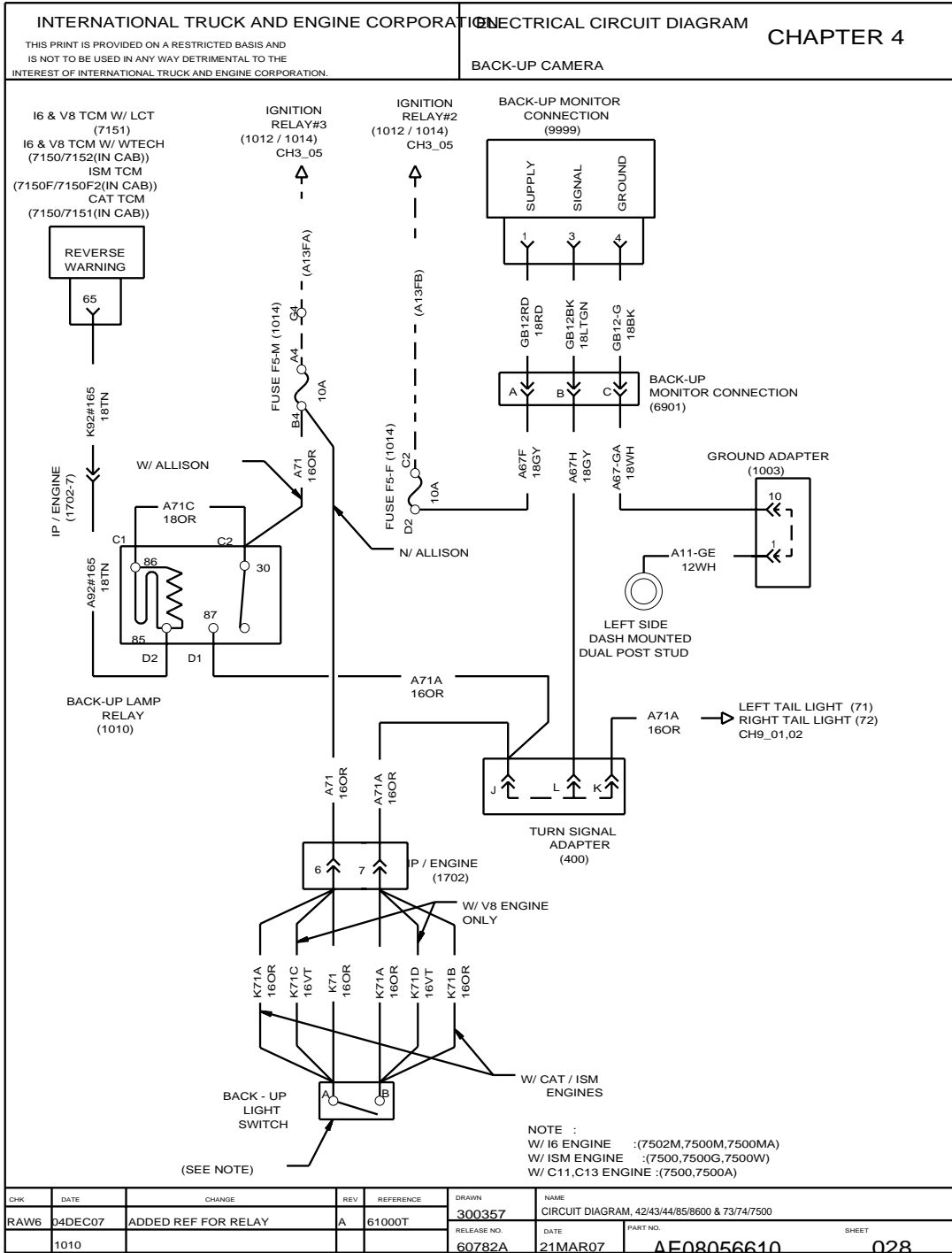


Figure 72 Back-Up Camera

4.31. SATELLITE COMMUNICATION — QUALCOMM MCT, P. 29

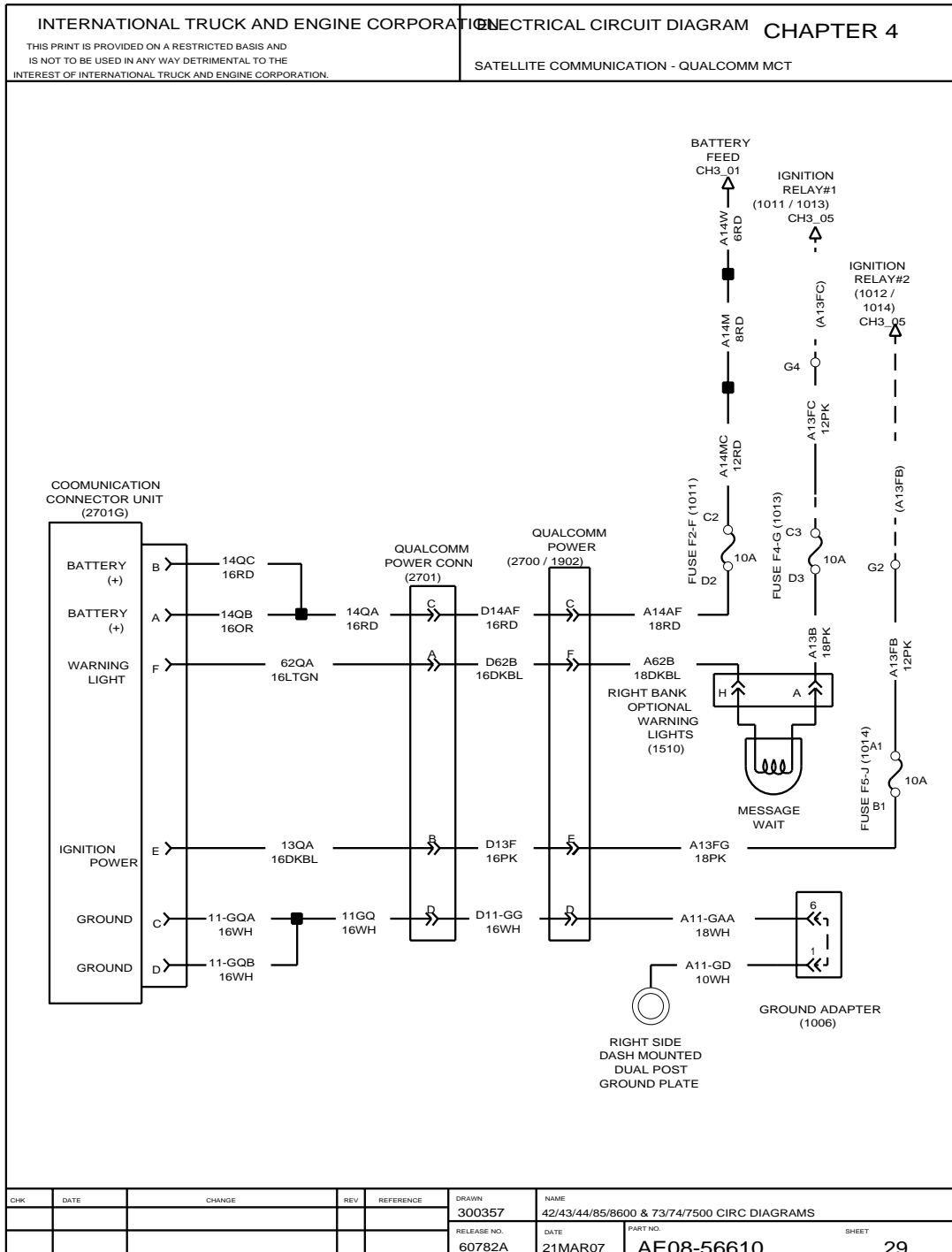


Figure 73 Satellite Communication — Qualcomm MCT

**4.32. SATELLITE COMMUNICATION — QUALCOMM MCT WITH MVPC KEYBOARD,
 P. 30**

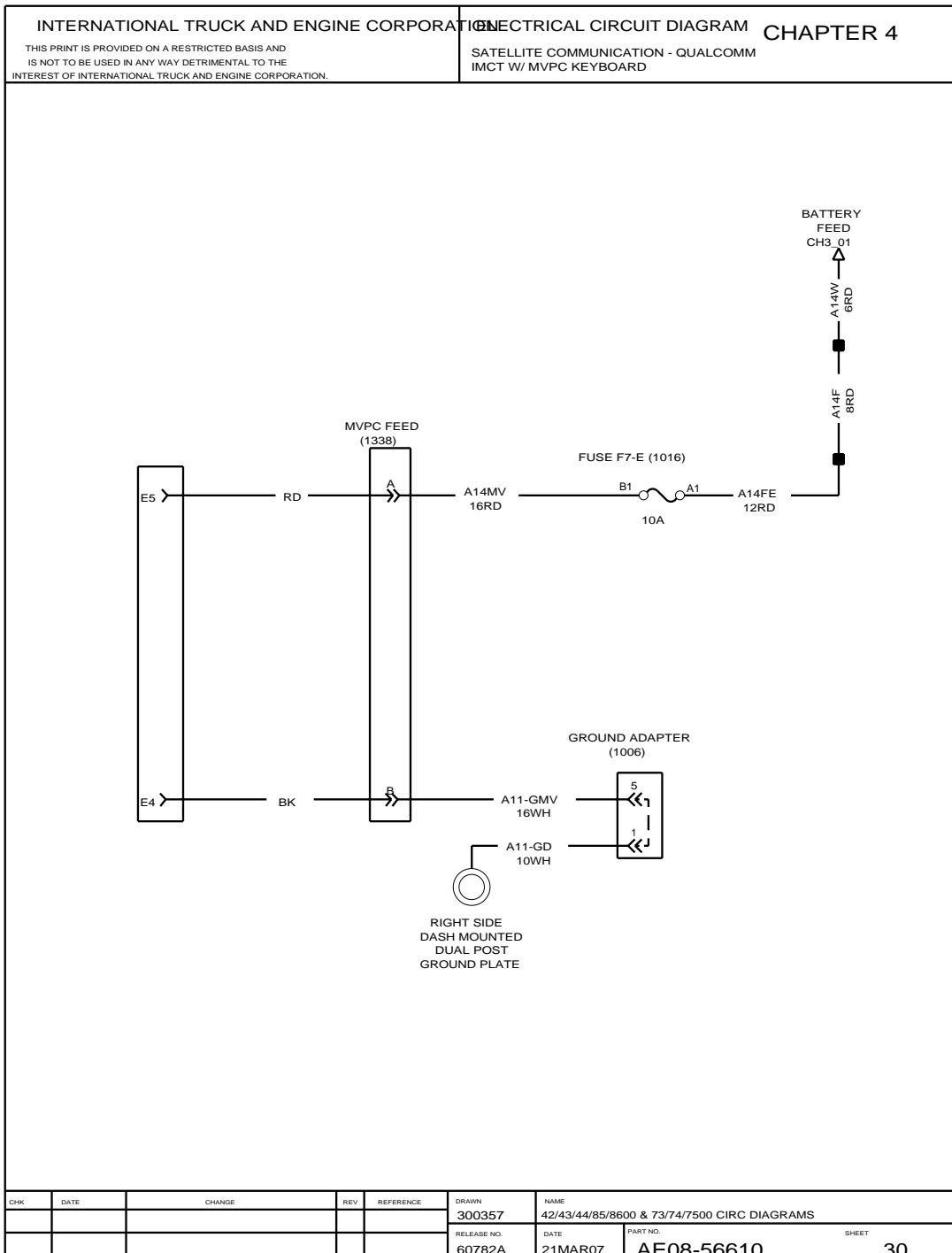


Figure 74 Satellite Communication — Qualcomm MCT with MVPC Keyboard

4.33. SATELLITE COMMUNICATION — QUALCOMM TMCT, P. 31

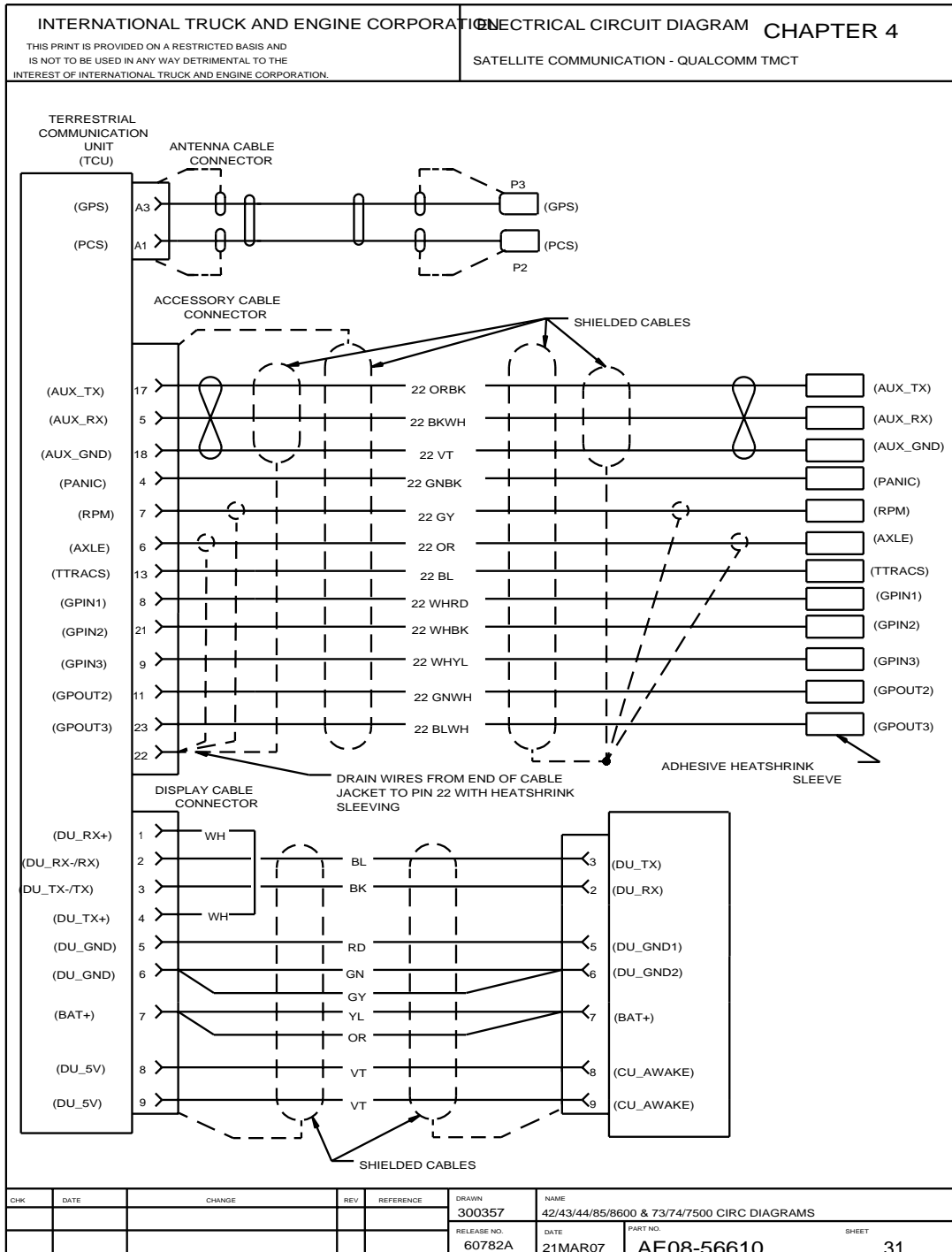


Figure 75 Satellite Communication — Qualcomm TMCT

4.34. SATELLITE COMMUNICATION — QUALCOMM TMCT, P. 32

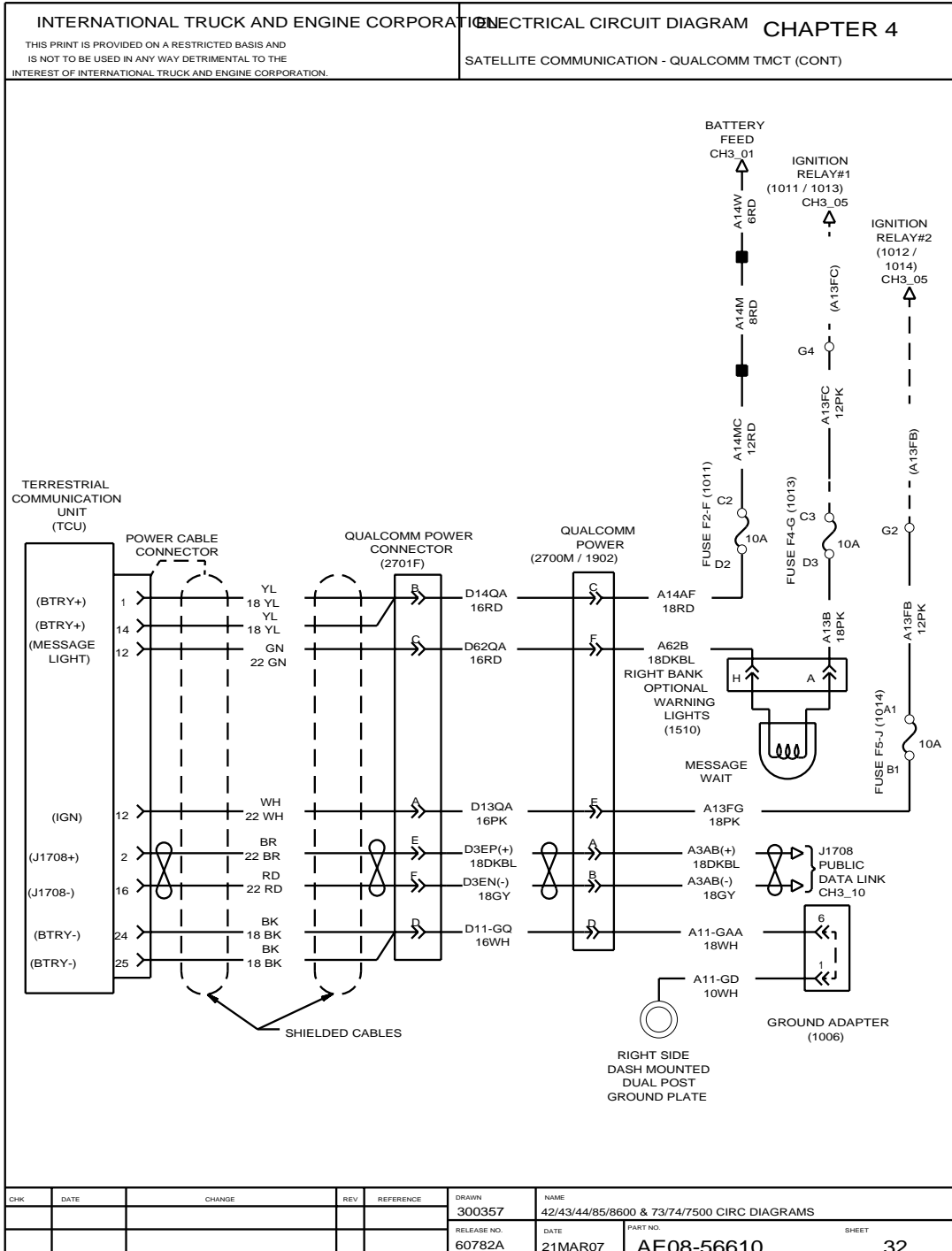


Figure 76 Satellite Communication — Qualcomm TMCT

4.35. AIR SHIELD LIGHT, P. 33

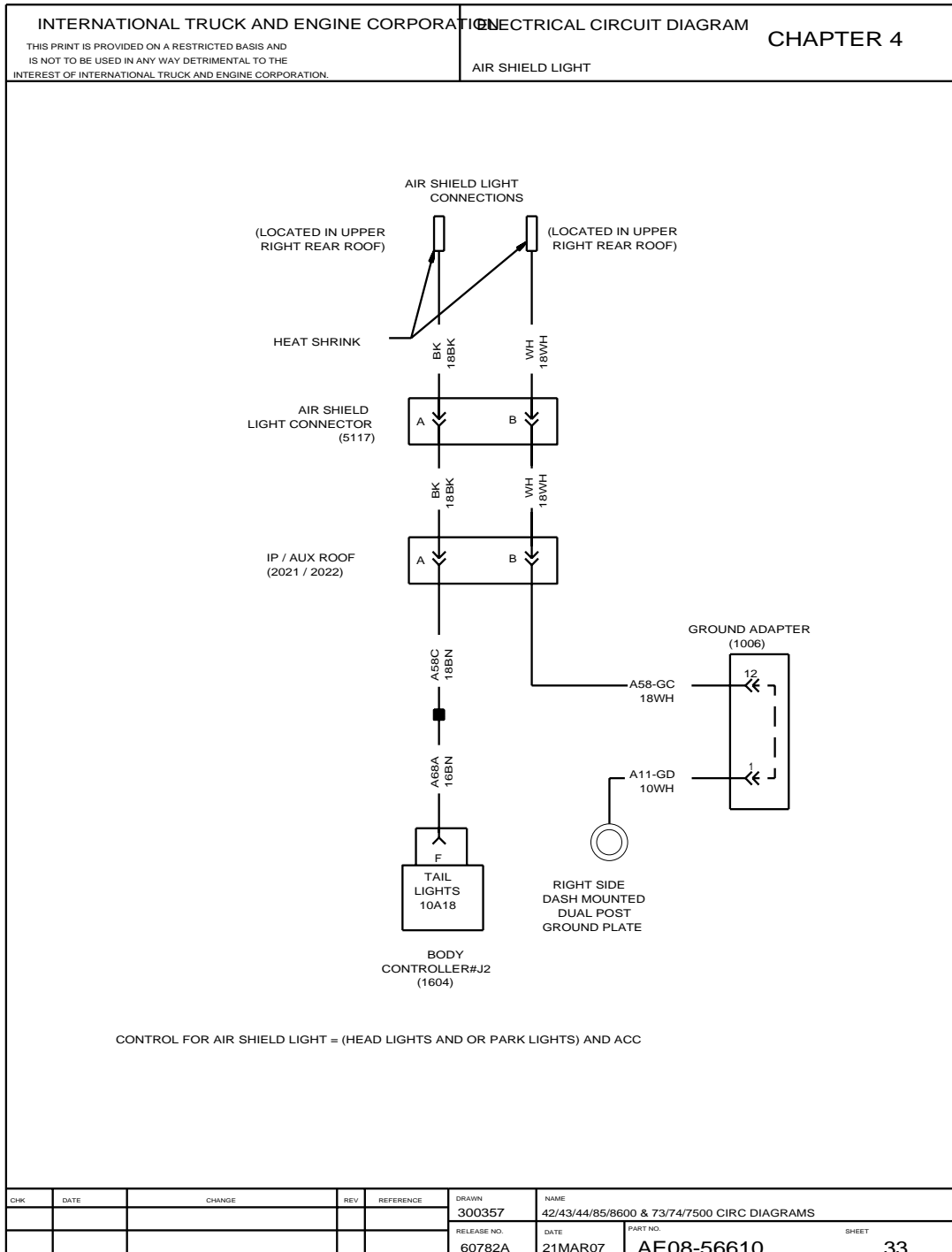


Figure 77 Air Shield Light

5. 12V CHARGING + CRANKING SYSTEM (CHAPTER 5)

5.1. I6 / V8 ENGINES WITH MANUAL TRANSMISSION, P. 1

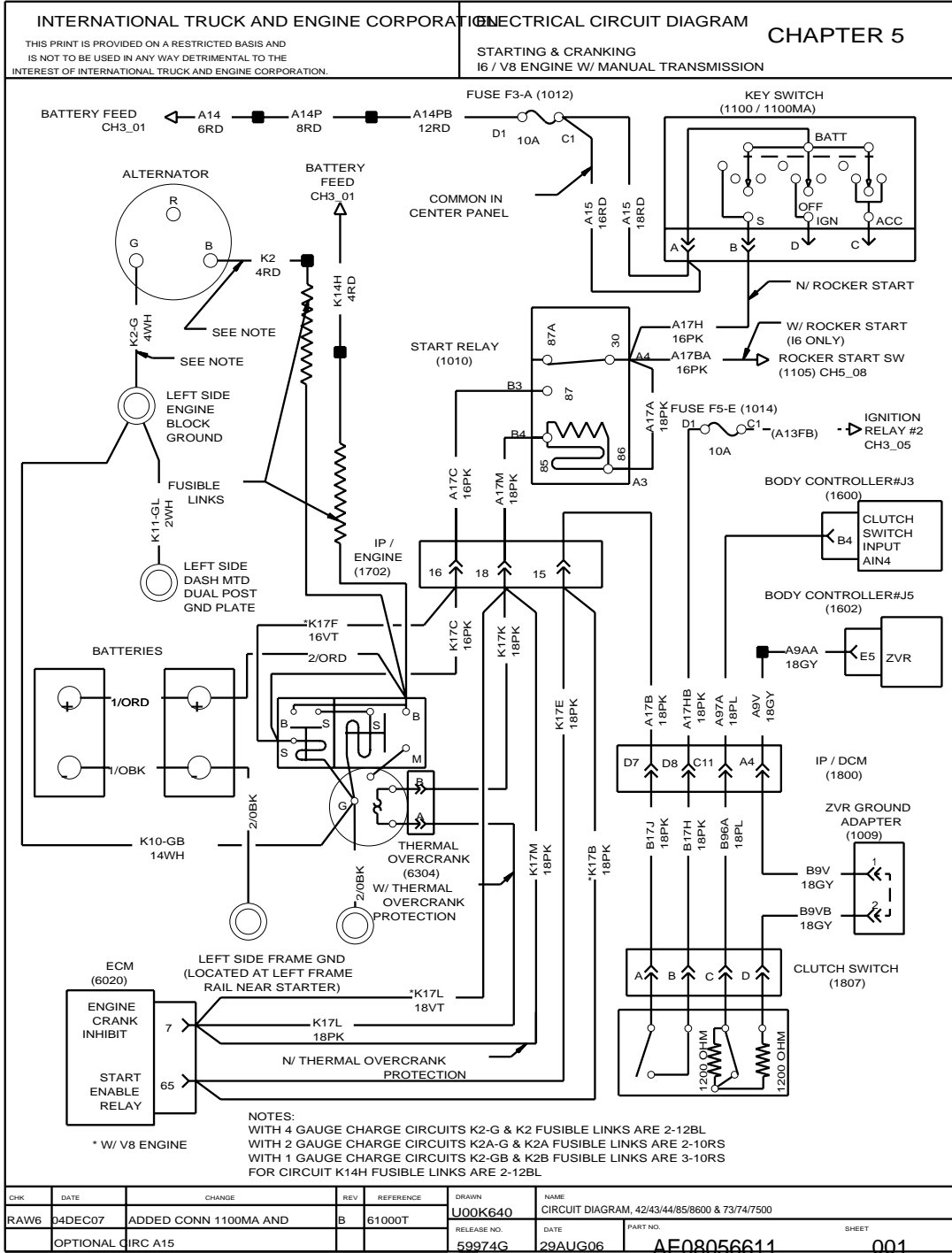


Figure 78 I6 / V8 Engines with Manual Transmission

5.2. CAT — CUMMINS ENGINES WITH MANUAL TRANSMISSION, P. 2

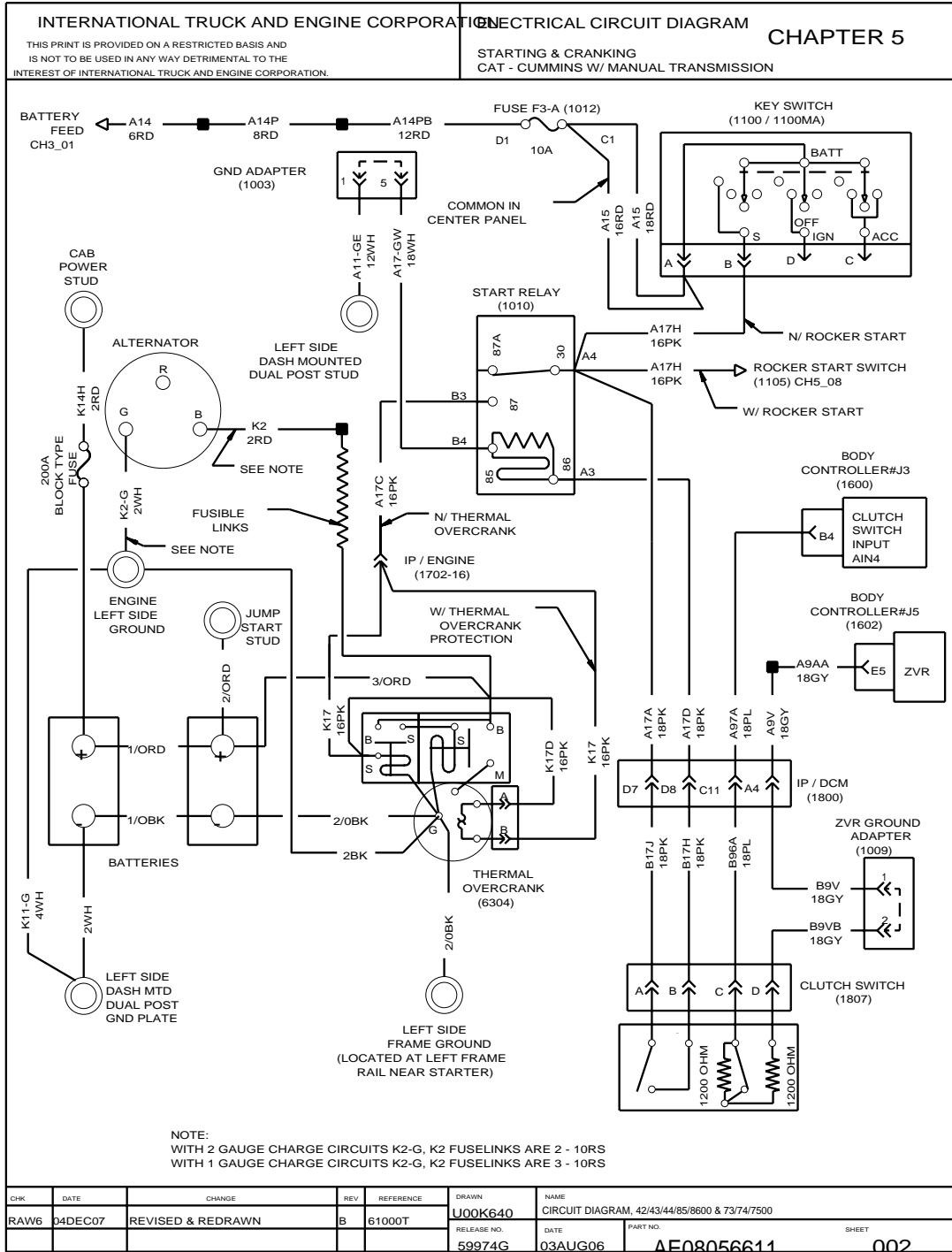


Figure 79 Cat — Cummins Engines with Manual Transmission

5.3. I6 / V8 ENGINES WITH ALLISON TRANSMISSION, P. 3

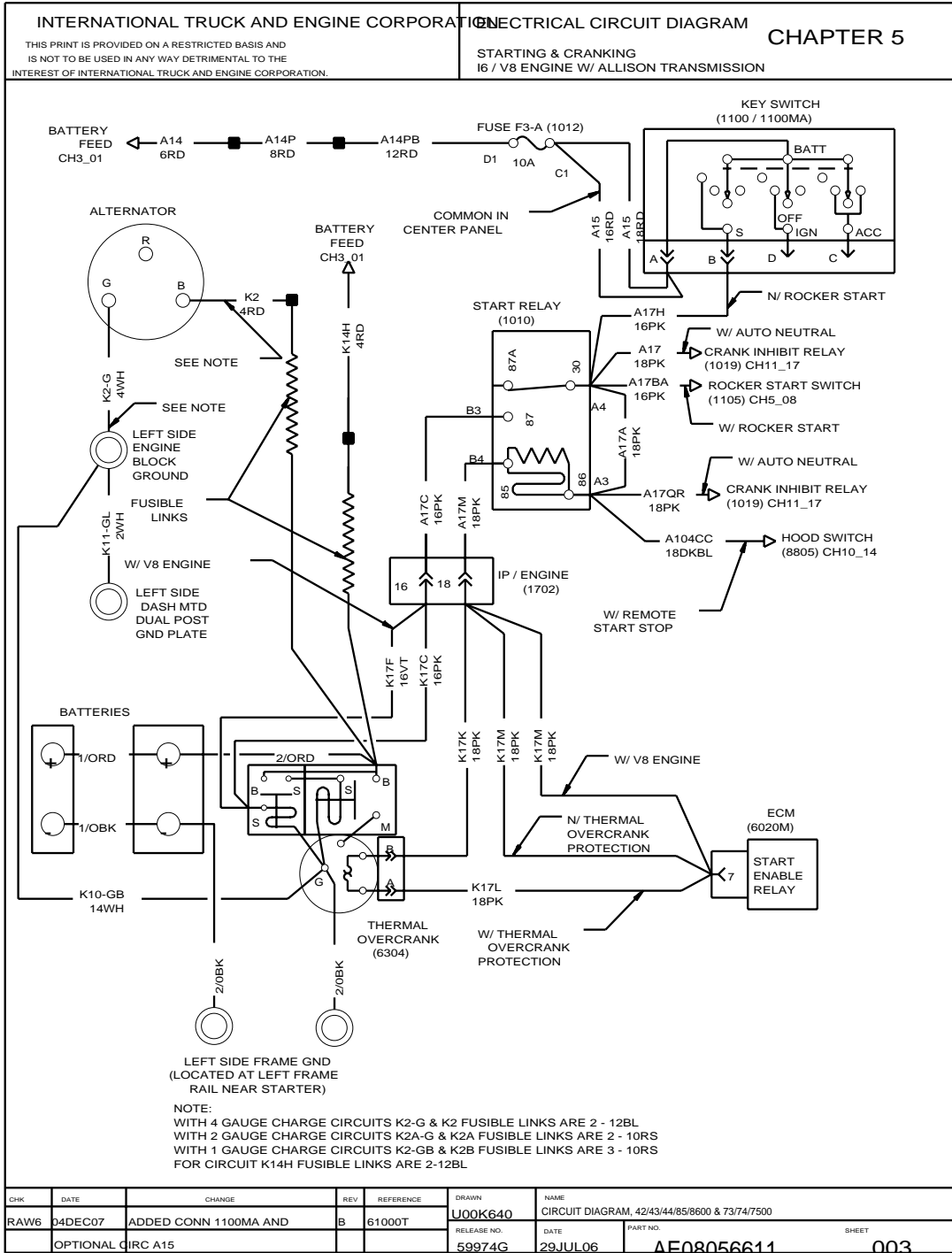


Figure 80 I6 / V8 Engines with Allison Transmission

5.4. CAT — CUMMINS ENGINES WITH ALLISON TRANSMISSION, P. 4

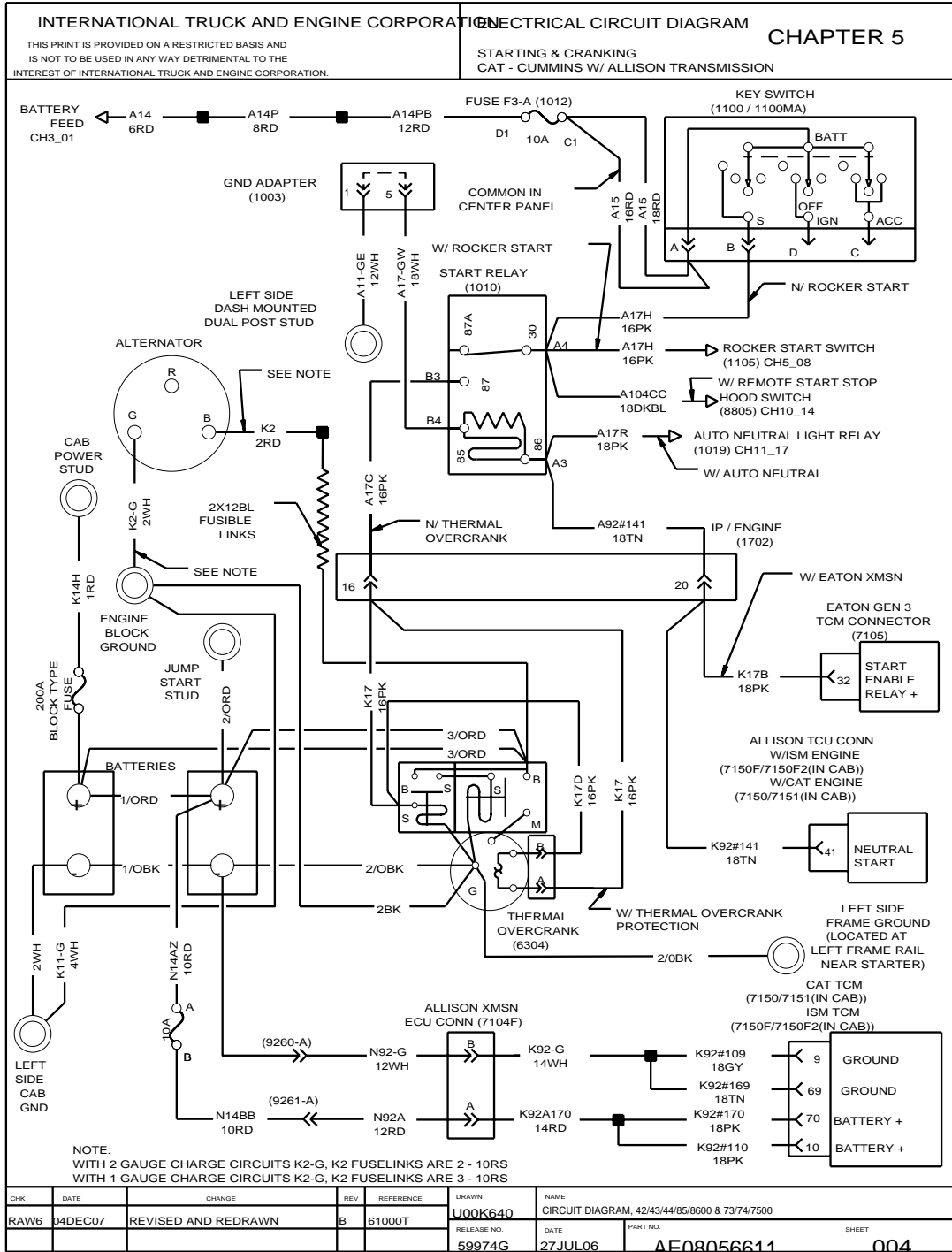


Figure 81 Cat — Cummins Engines with Allison Transmission

5.5. I6 ENGINE WITH AUTOSHIFT, ULTRASHIFT AND EATON HYBRID TRANSMISSION, P. 5

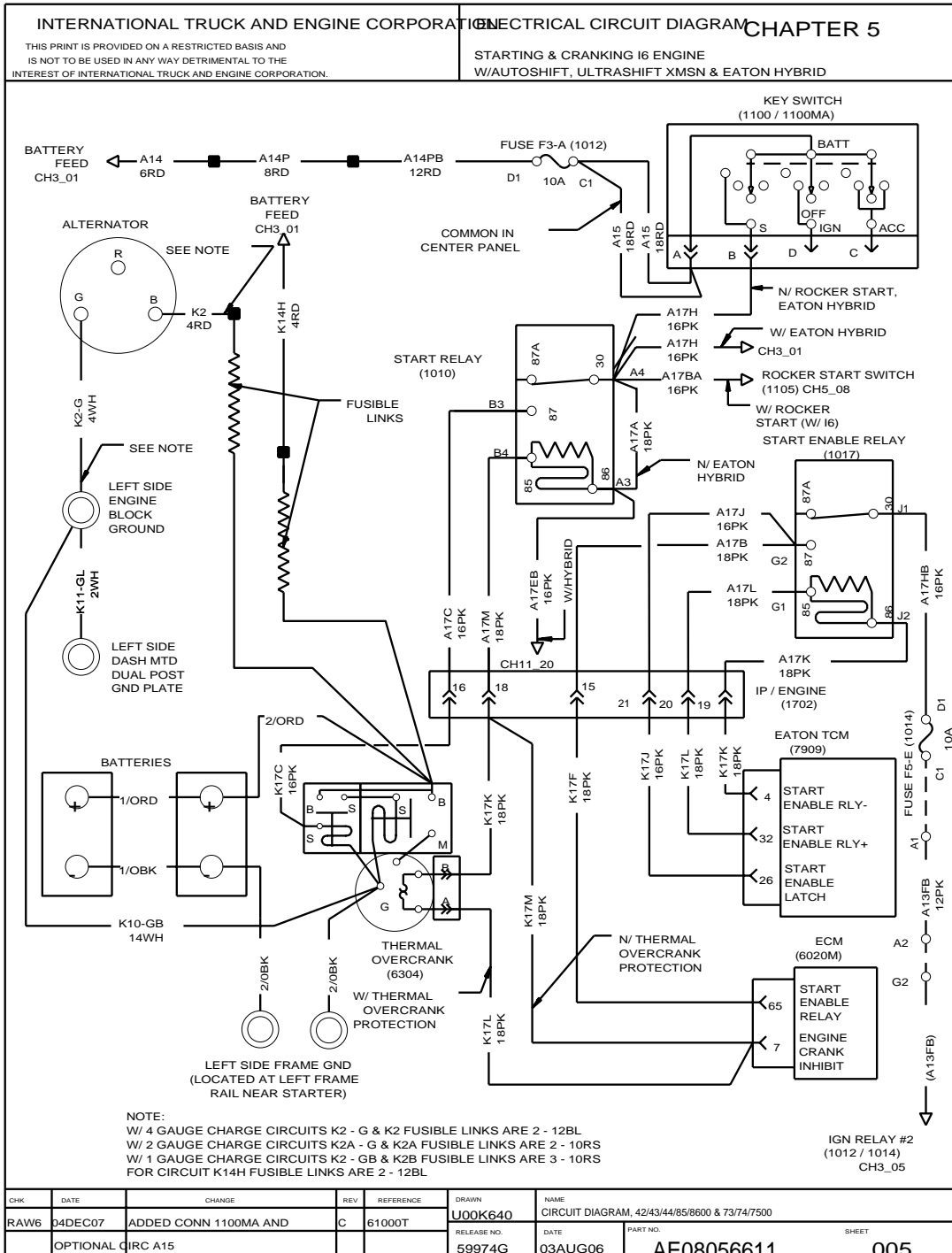


Figure 82 I6 Engine with Autoshift, Ultrashift, and Eaton Hybrid Transmission

5.6. CAT — CUMMINS ENGINES WITH AUTOSHIFT AND ULTRASHIFT TRANSMISSION,
 P. 6

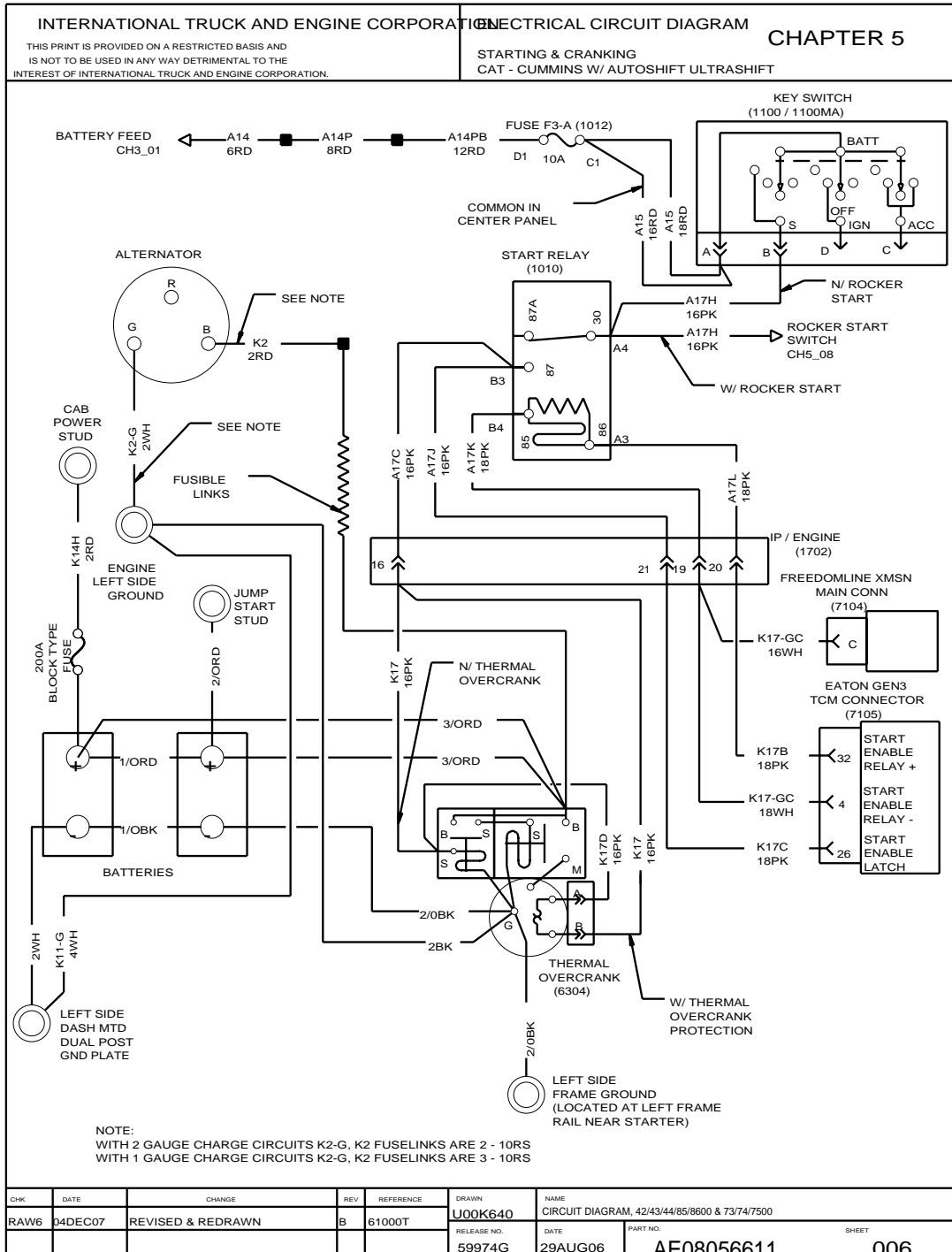


Figure 83 Cat — Cummins Engines with Autoshift and Ultrashift Transmission

5.7. I6 POWER PACK, P. 7

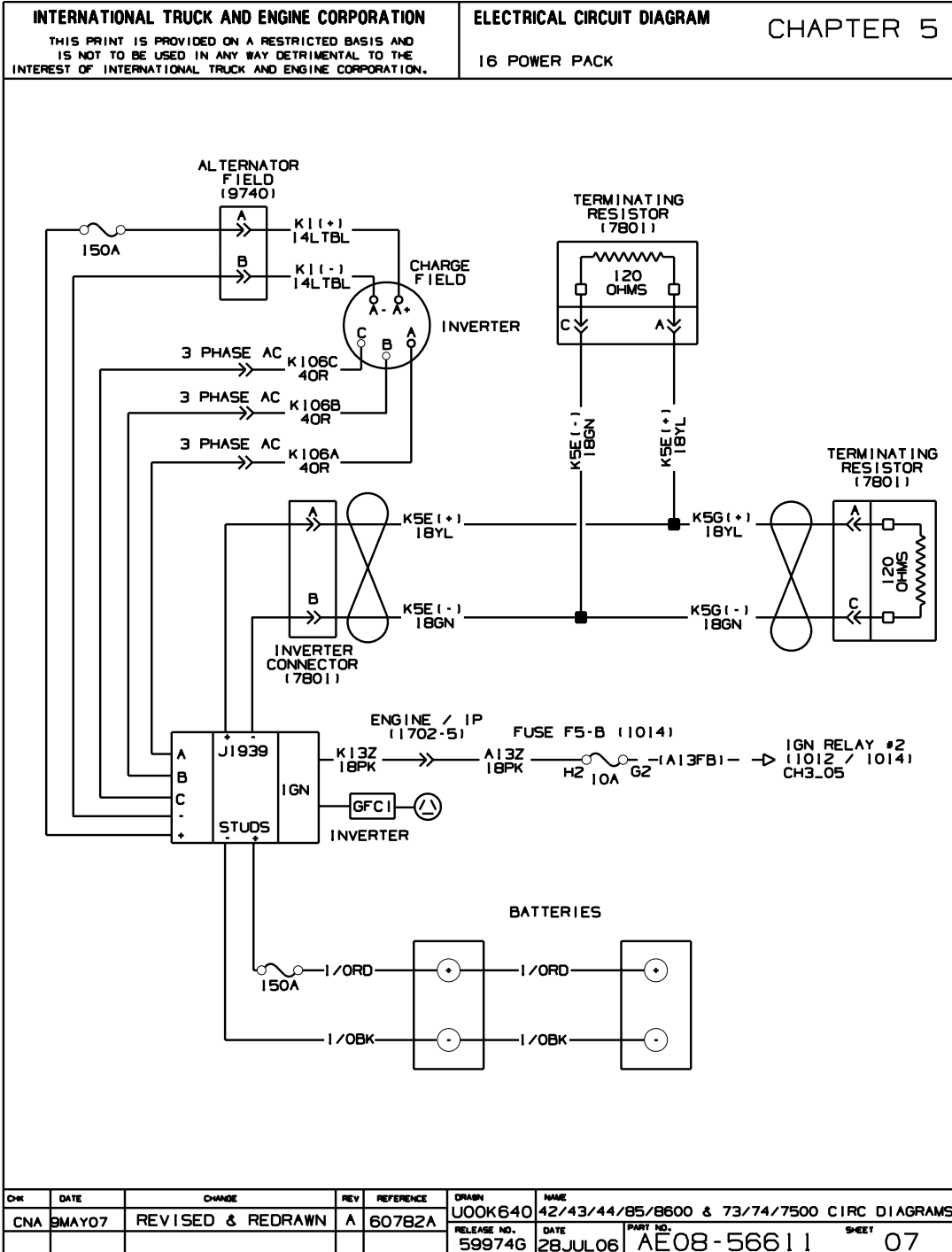


Figure 84 I6 Power Pack

5.8. ROCKER START, P. 8

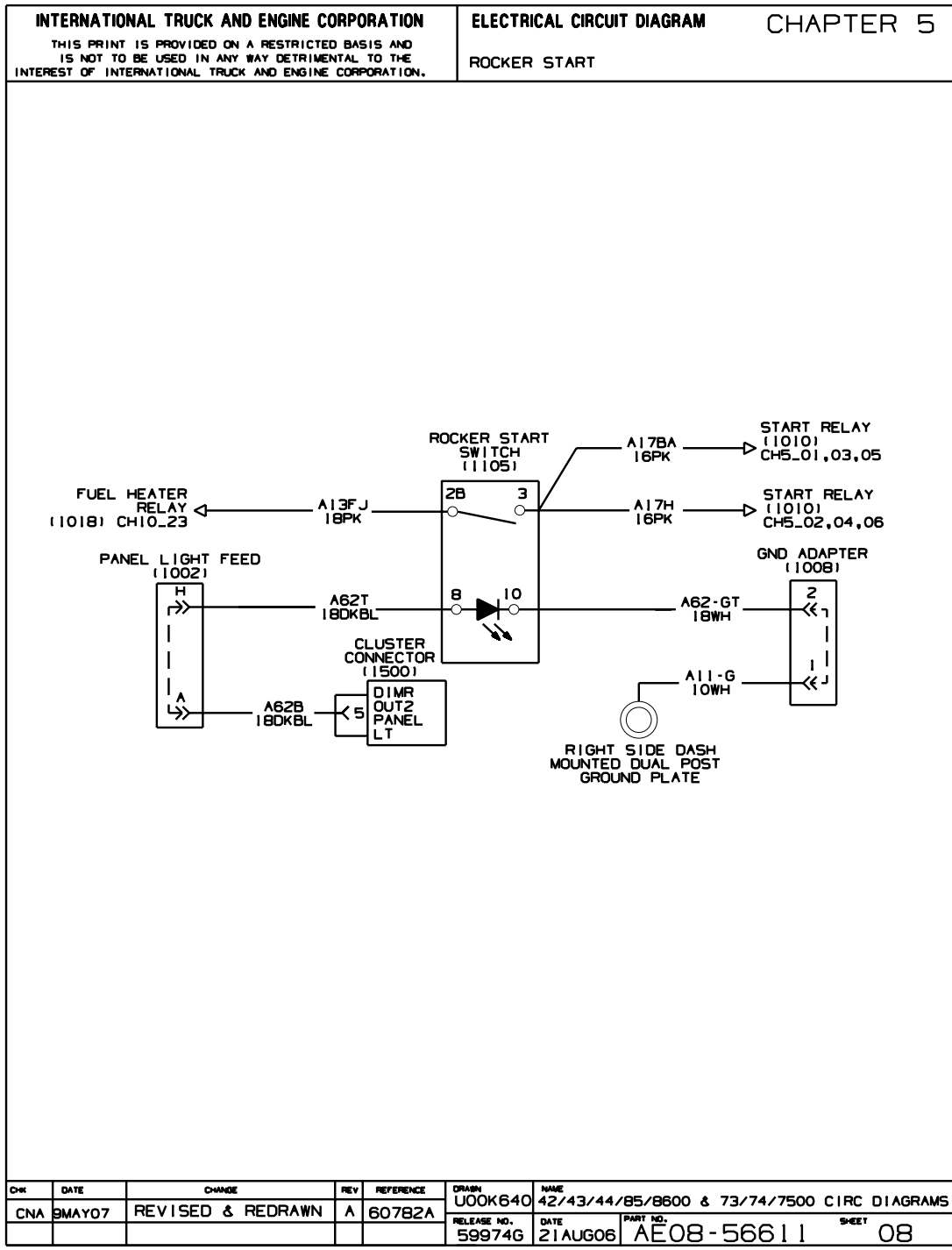


Figure 85 Rocker Start

6. FANS AND ENGINE ACCESSORIES (CHAPTER 6)

6.1. FAN WIRING, I6 / V8 2007 ENGINES, P. 1

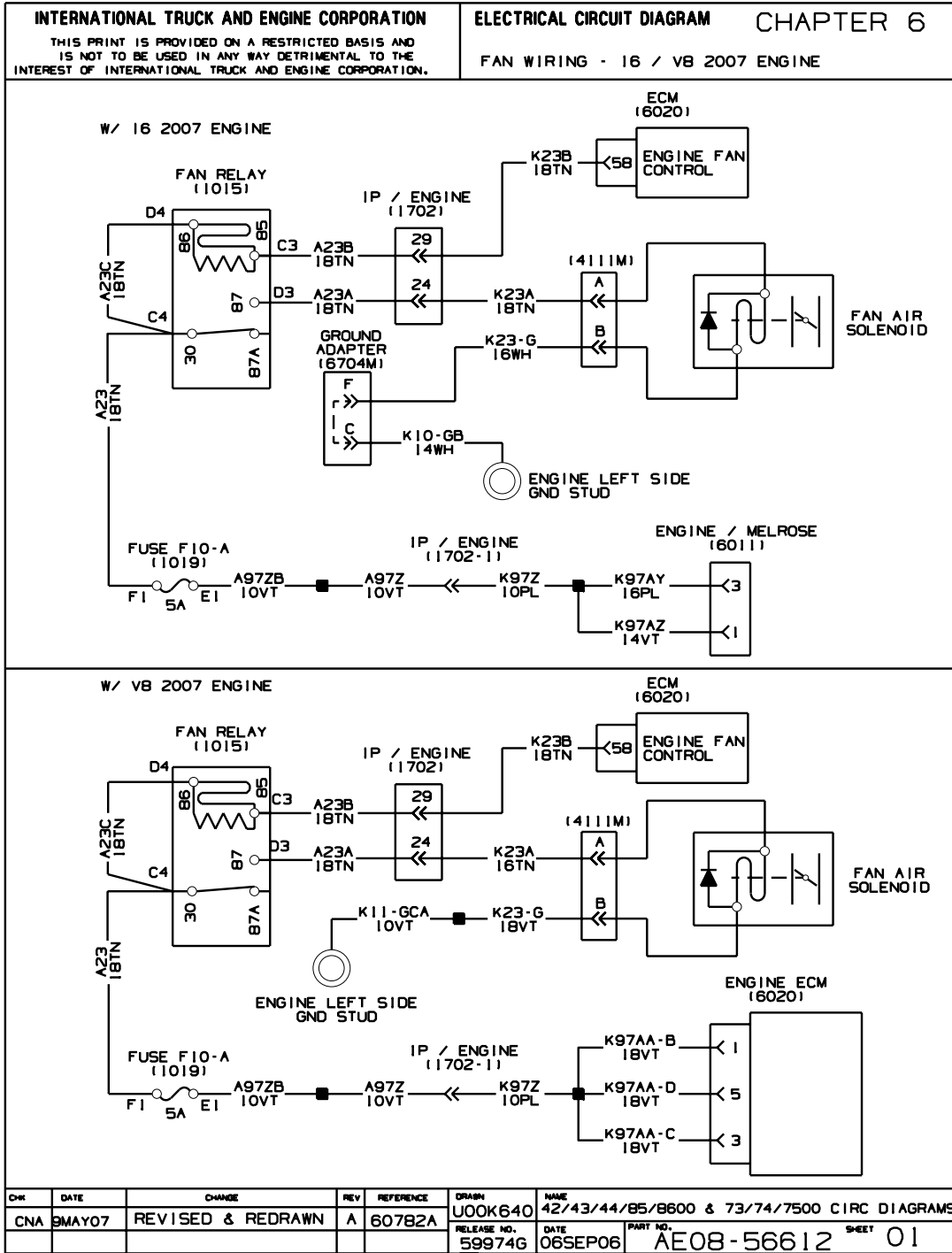


Figure 86 Fan Wiring, I6 / V8 2007 Engines

6.2. FAN WIRING, ISM, C11-C13 2007 ENGINES, P. 2

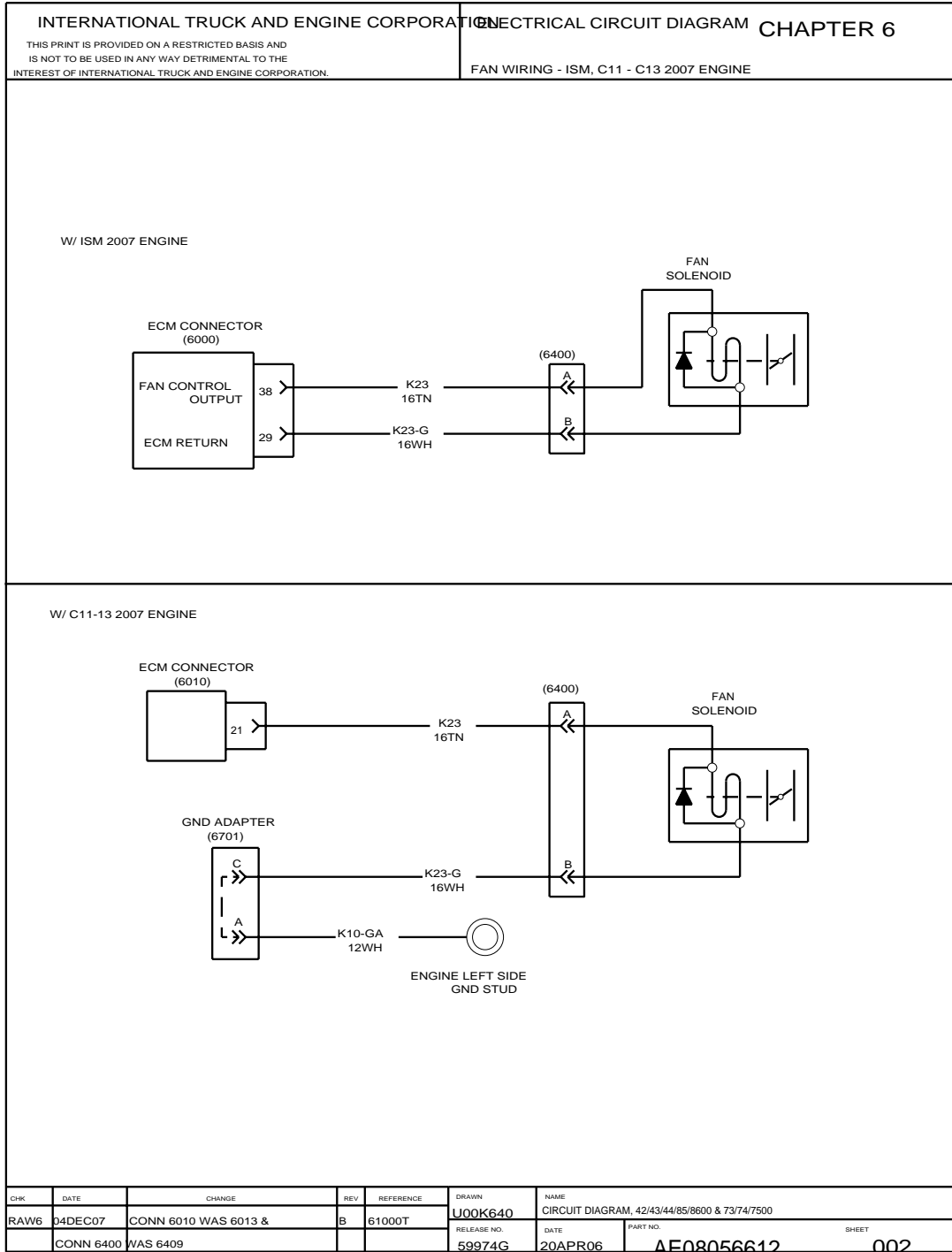


Figure 87 Fan Wiring, ISM, C11-C13 2007 Engines

6.3. STARTING AID — ETHER START, P. 3

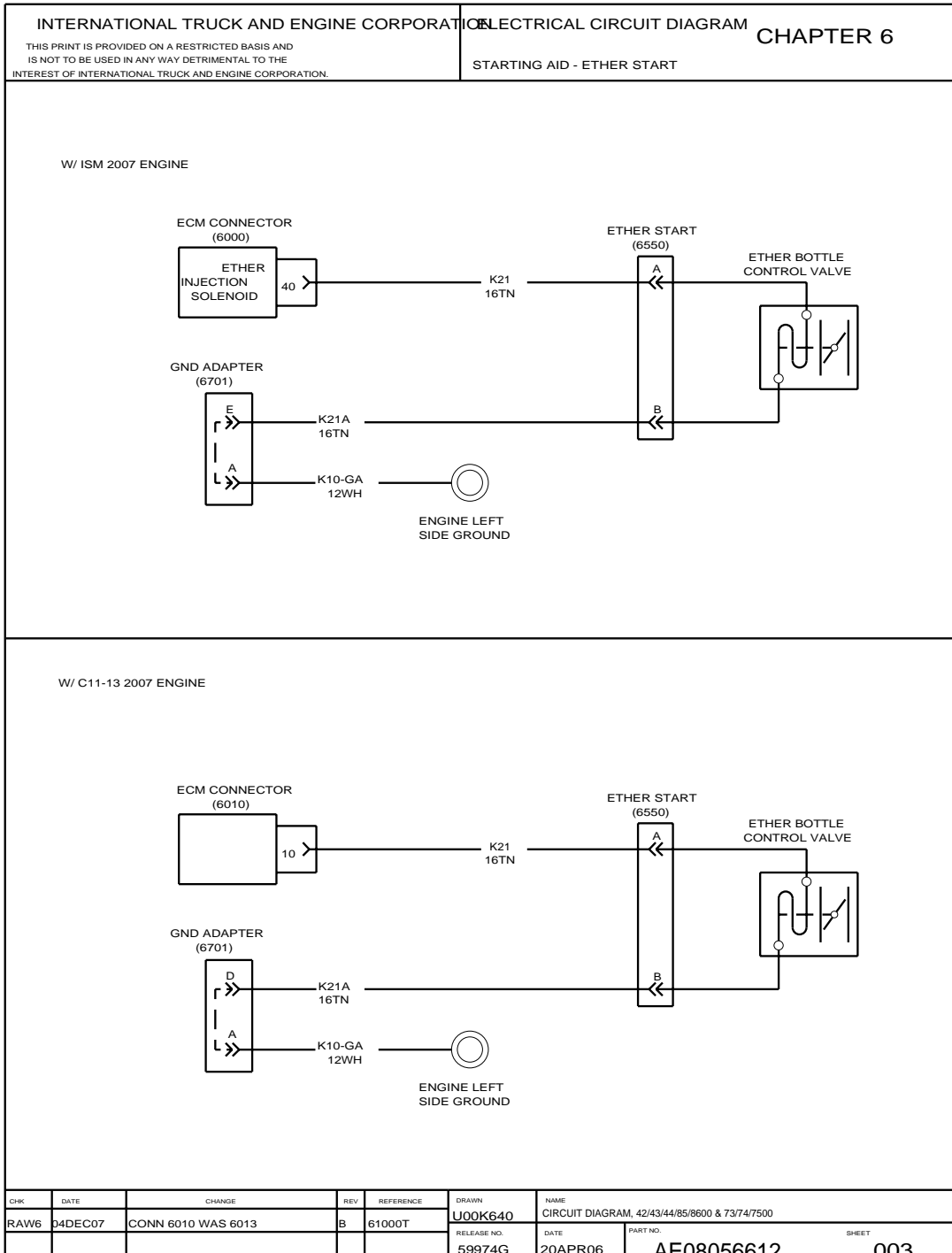


Figure 88 Starting Aid — Ether Start

6.4. SNOW VALVE, P. 4

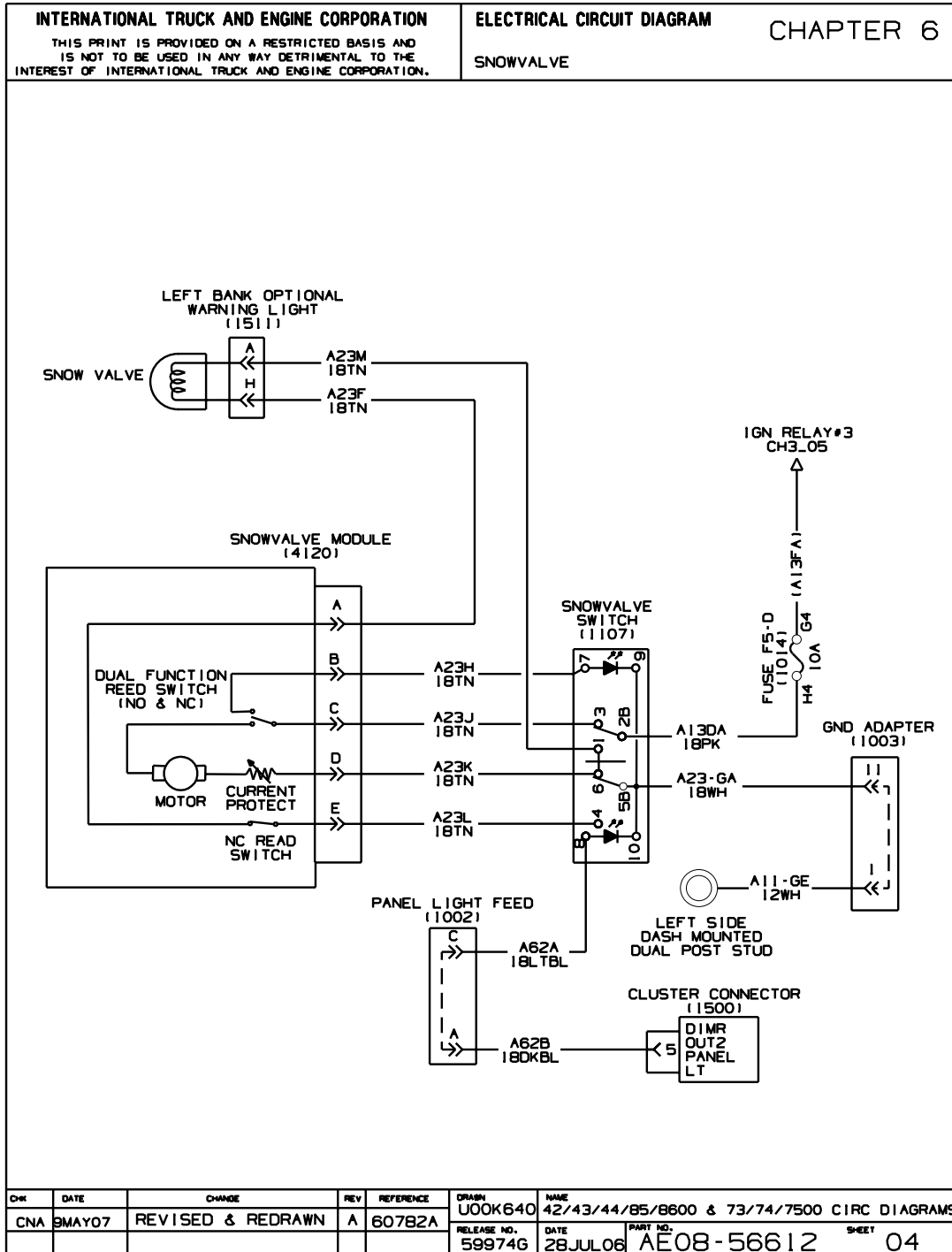


Figure 89 Snow Valve

7. ELECTRONIC ENGINES (CHAPTER 7)

7.1. ELECTRONIC ENGINE CONTROLS, CAT ENGINES, P. 1

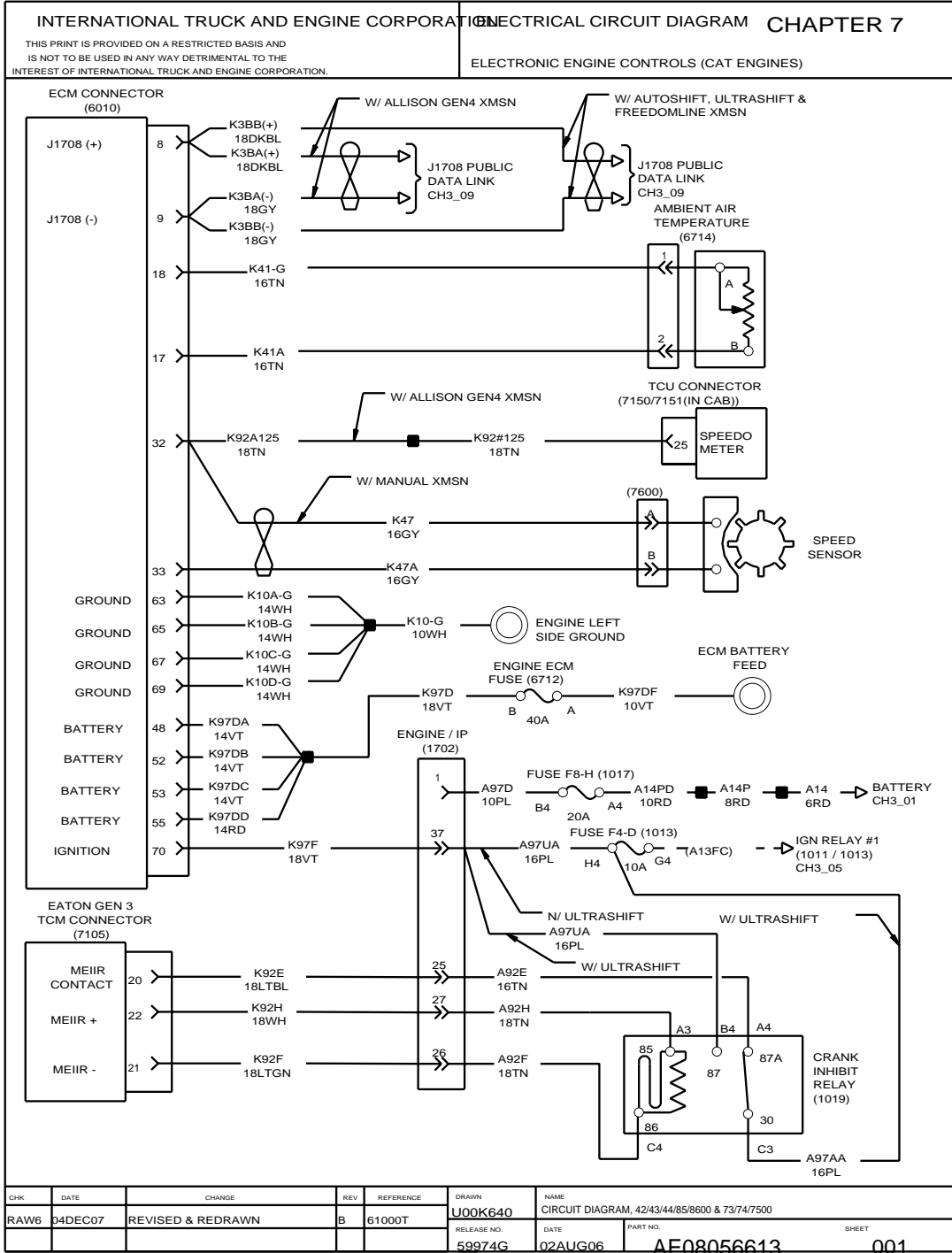


Figure 90 Electronic Engine Controls, Cat Engines

7.2. ELECTRONIC ENGINE CONTROLS, CAT ENGINES, P. 2

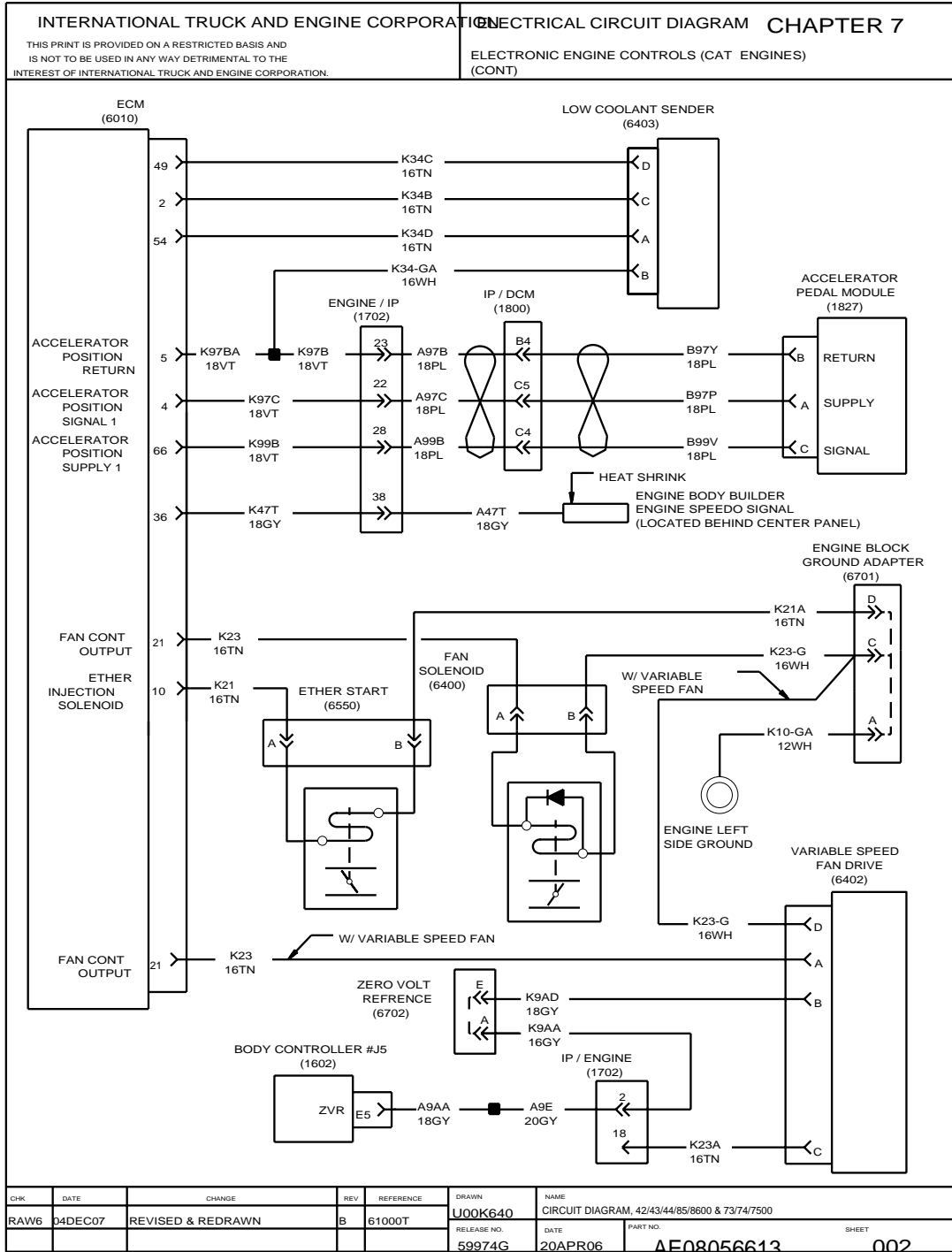


Figure 91 Electronic Engine Controls, Cat Engines (Cont.)

7.3. ENGINE BODY BUILDER — REMOTE ENGINE CONTROL (CAT/IBBE ENGINE), P. 3

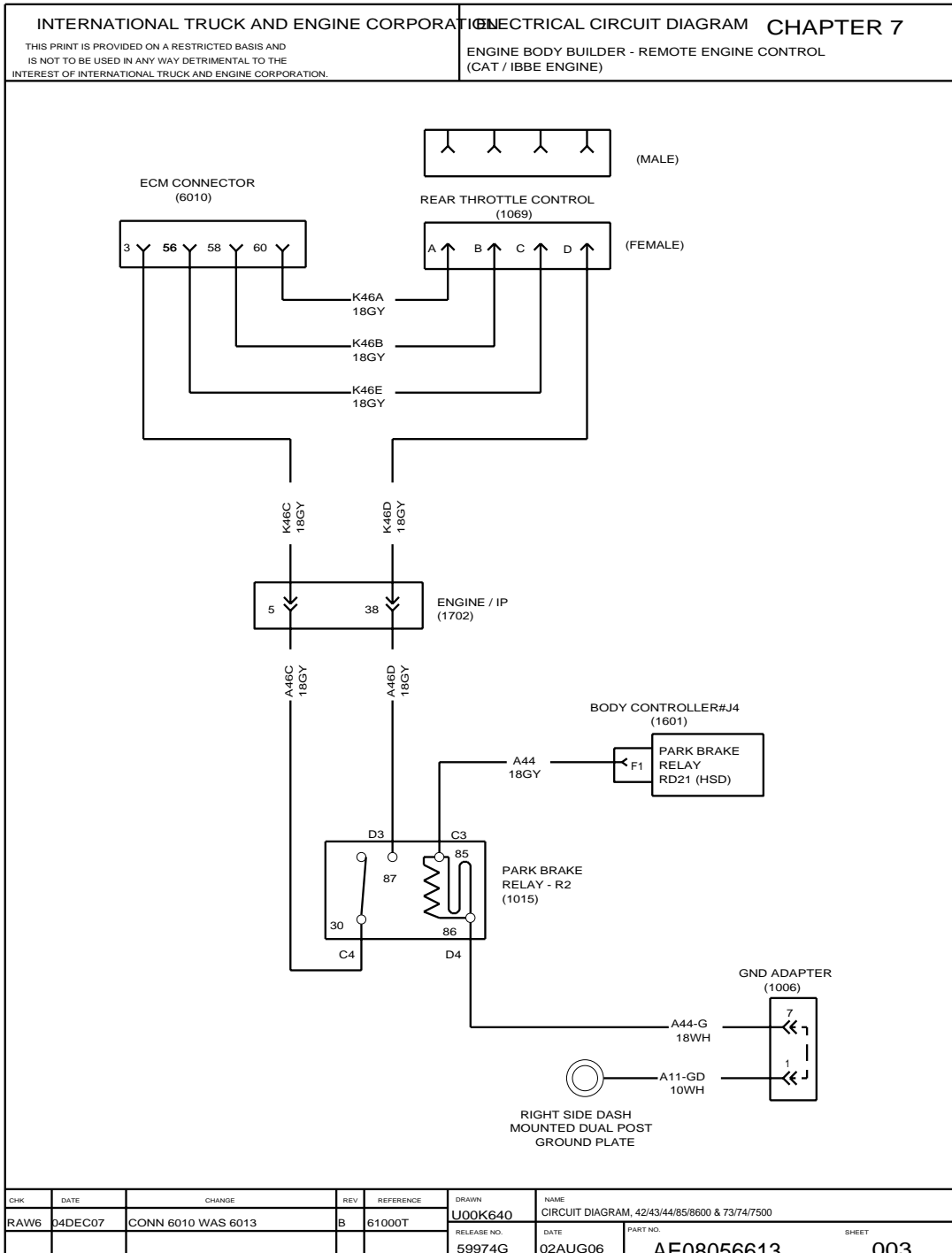


Figure 92 Engine Body Builder — Remote Engine Control (Cat/IBBE Engine)

7.4. ELECTRONIC ENGINE CONTROLS, ISM ENGINES, P. 4

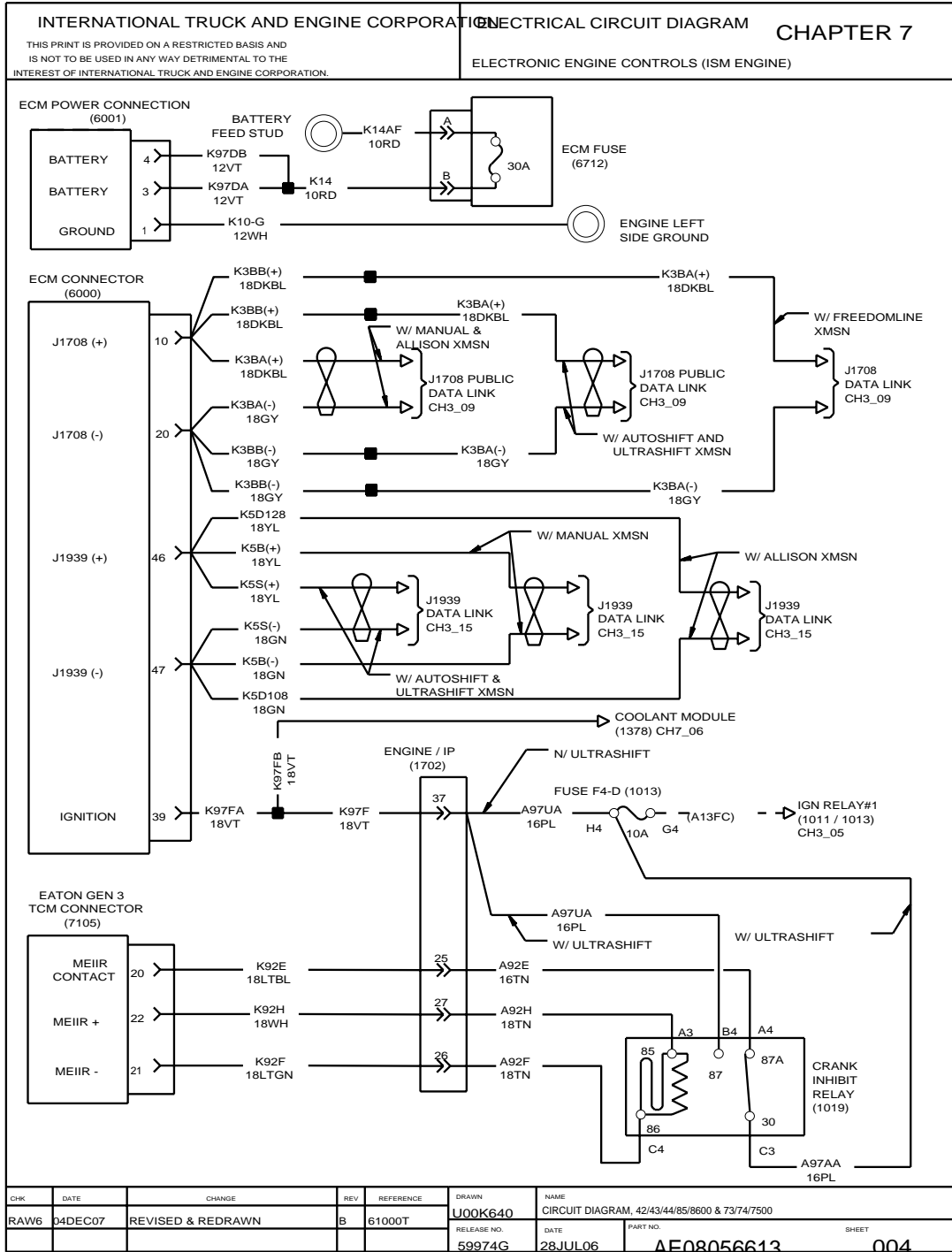


Figure 93 Electronic Engine Controls, ISM Engines

7.5. ELECTRONIC ENGINE CONTROLS, ISM ENGINES, P. 5

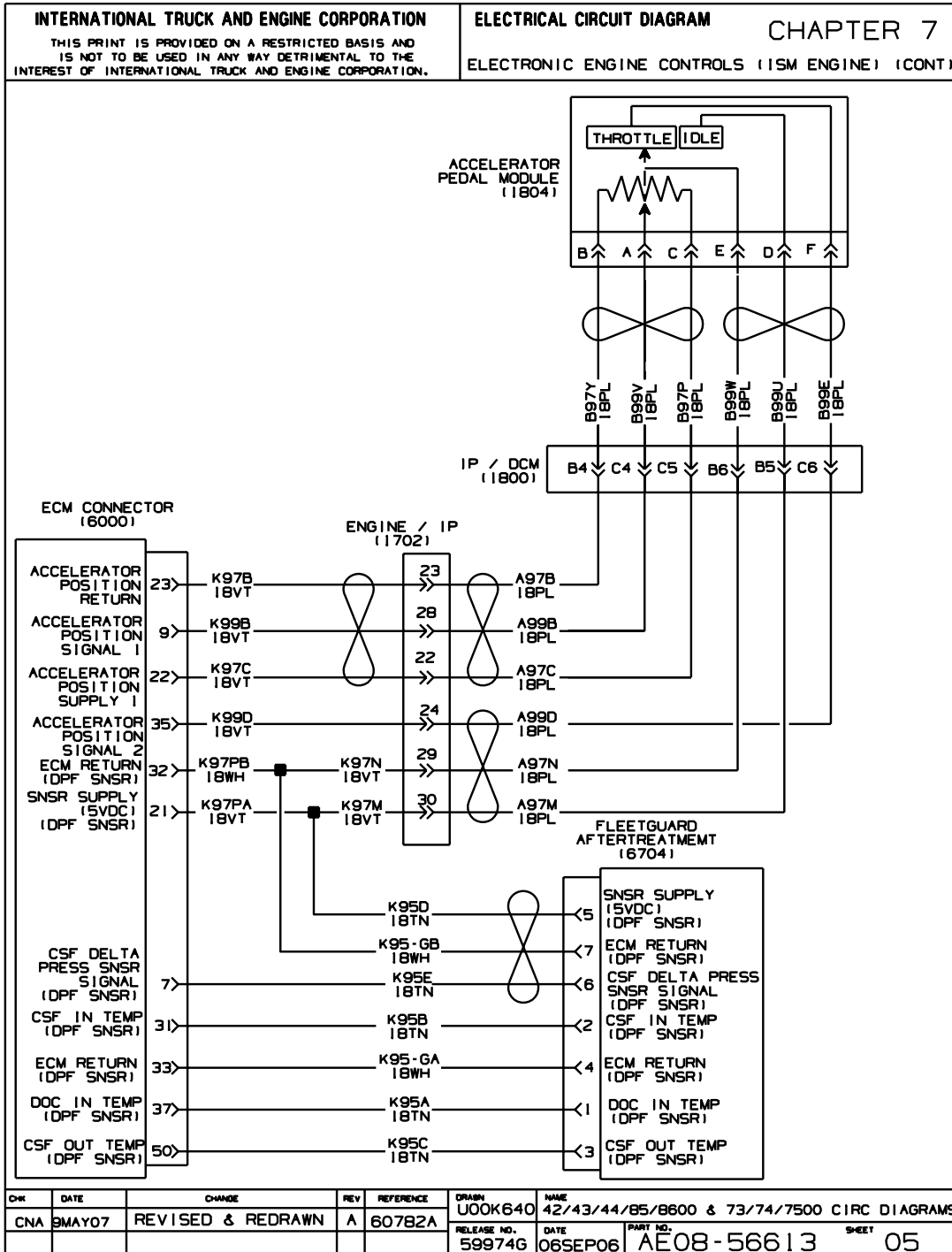


Figure 94 Electronic Engine Controls, ISM Engines (Cont.)

7.6. ELECTRONIC ENGINE CONTROLS, ISM ENGINES, P. 6

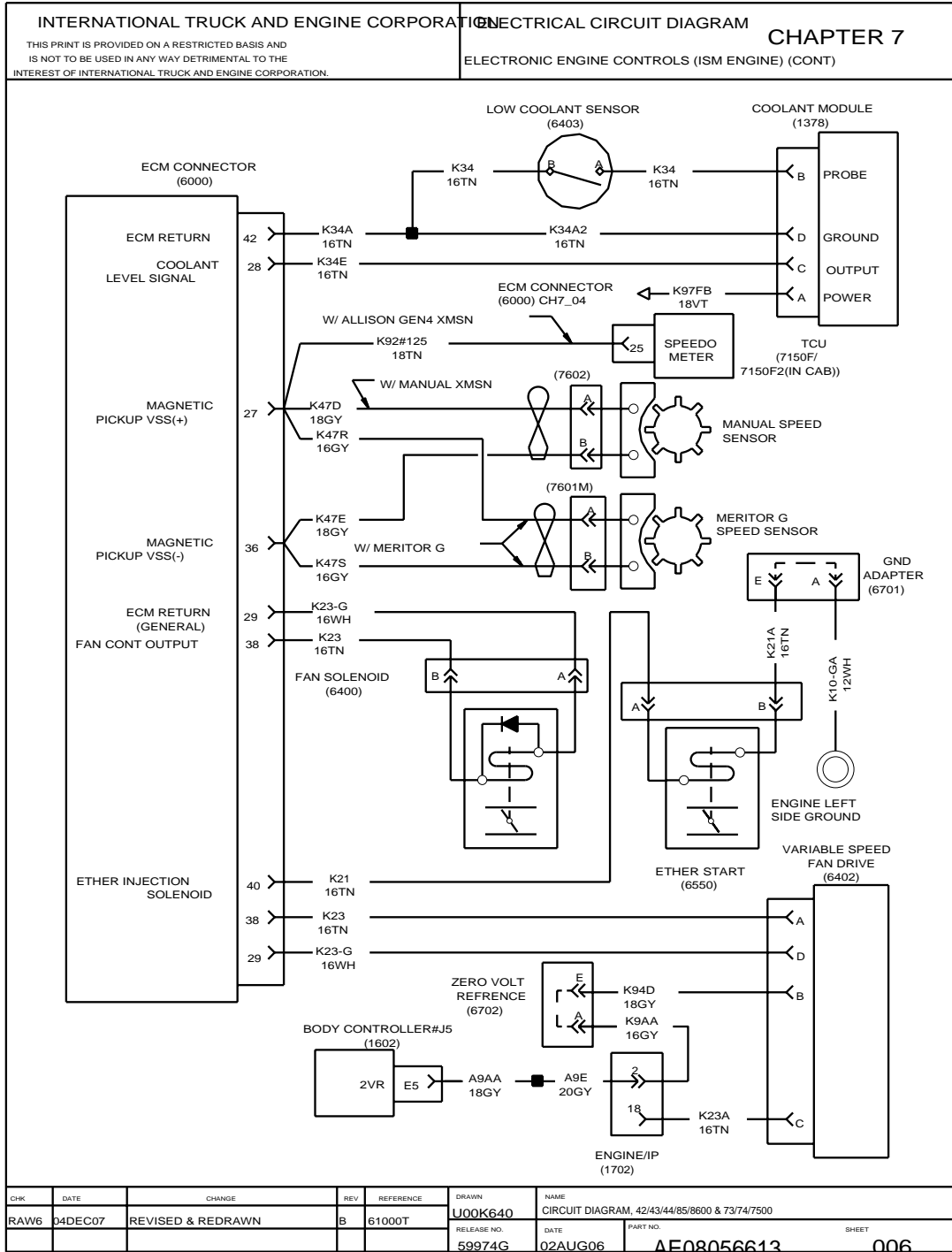


Figure 95 Electronic Engine Controls, ISM Engines (Cont.)

7.7. ELECTRONIC ENGINE CONTROLS, I6 ENGINES, P. 7

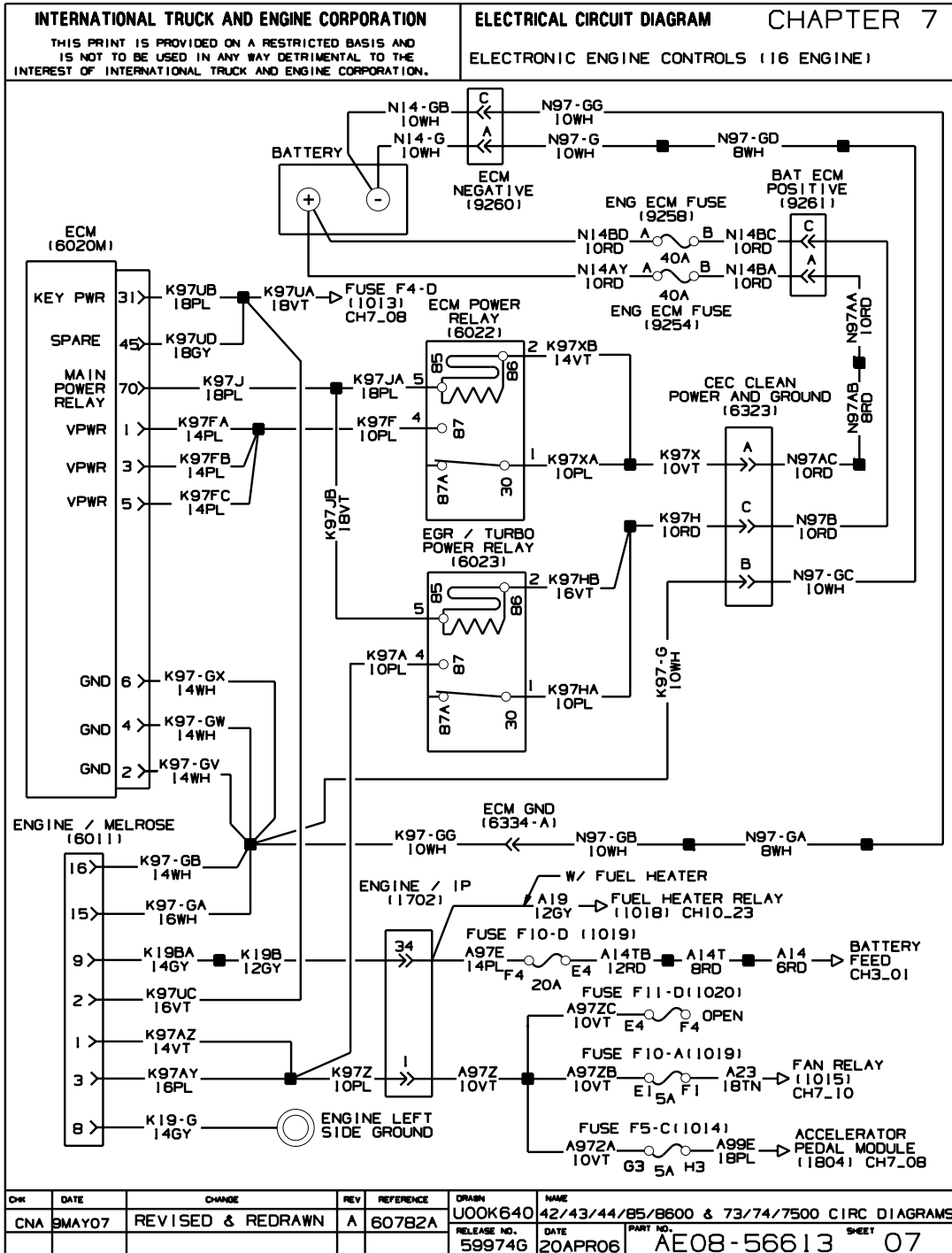


Figure 96 Electronic Engine Controls, I6 Engines

7.8. ELECTRONIC ENGINE CONTROLS, I6 ENGINES, P. 8

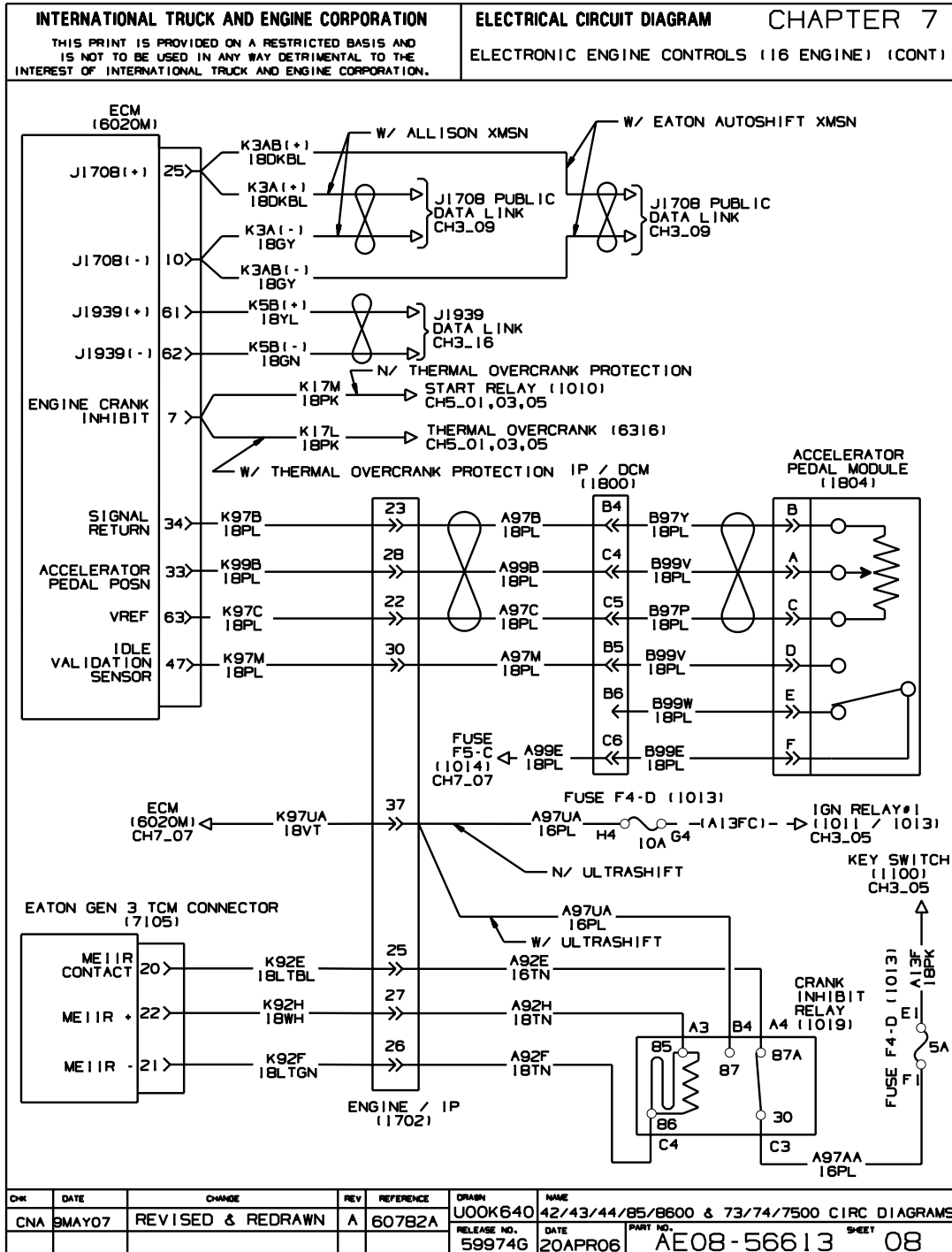


Figure 97 Electronic Engine Controls, I6 Engines (Cont.)

7.9. ELECTRONIC ENGINE CONTROLS, I6 ENGINES, P. 9

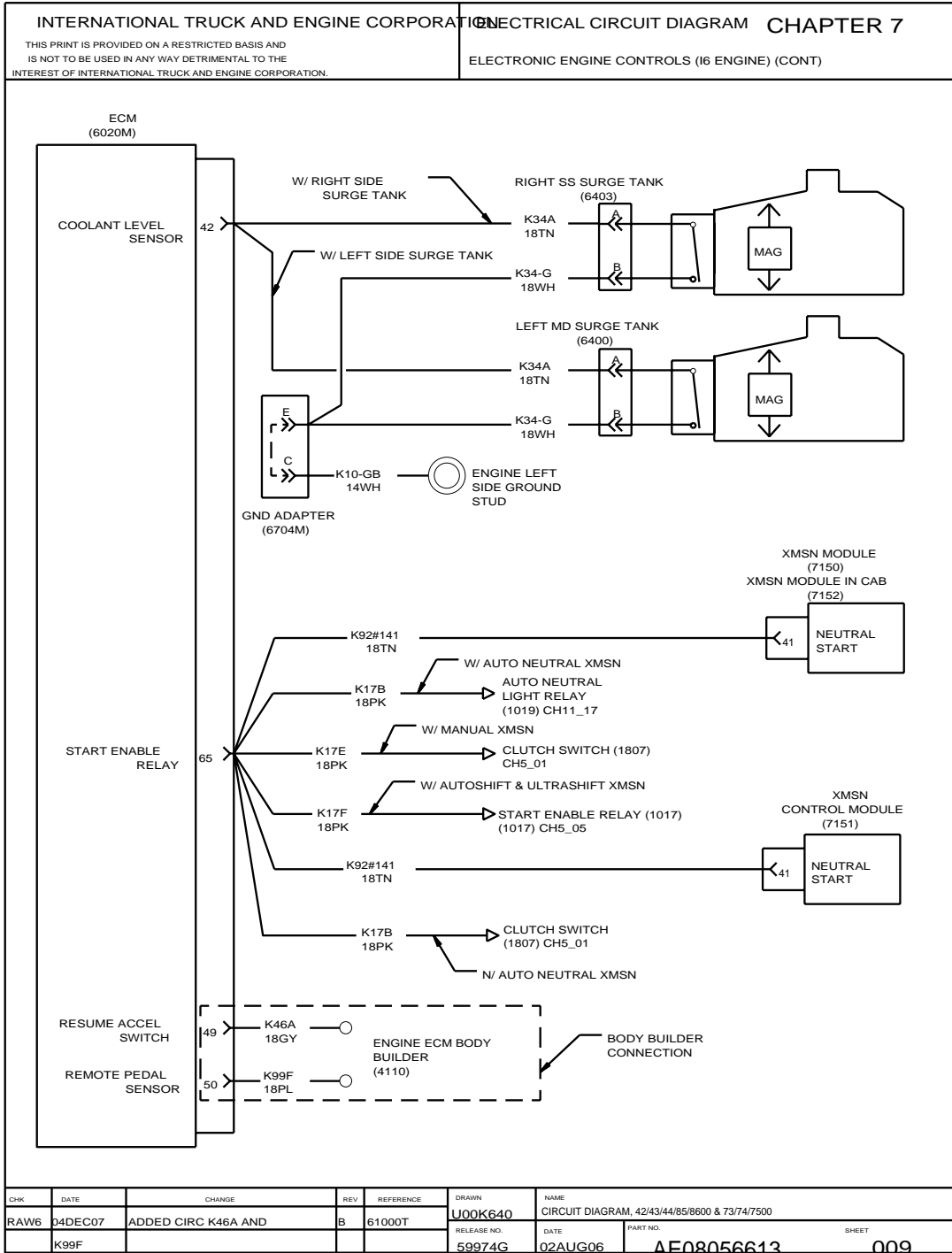


Figure 98 Electronic Engine Controls, I6 Engines (Cont.)

7.10. ELECTRONIC ENGINE CONTROLS, I6 ENGINES, P. 10

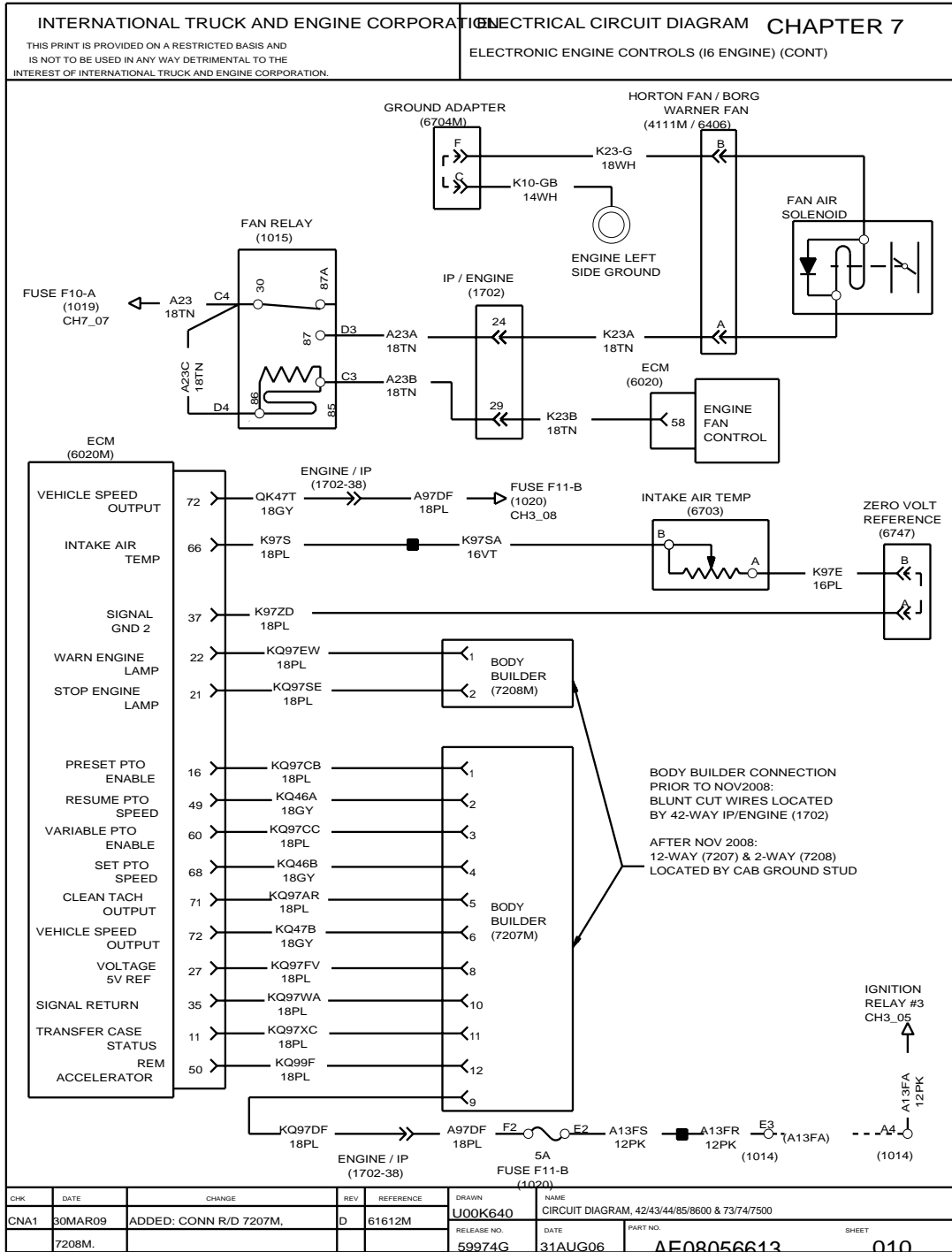


Figure 99 Electronic Engine Controls, I6 Engines (Cont.)

7.11. ELECTRONIC ENGINE CONTROLS, I6 ENGINES, P. 11

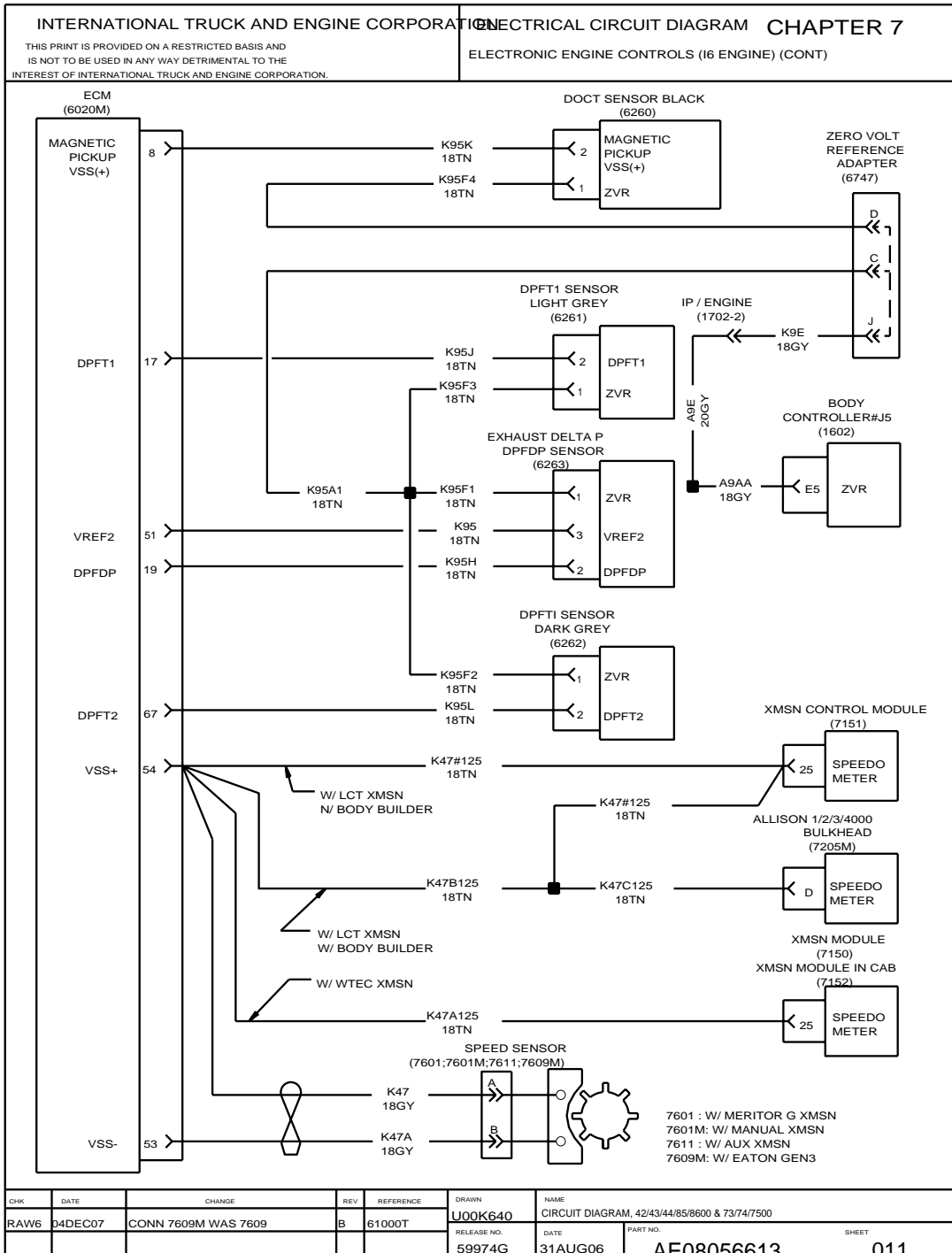


Figure 100 Electronic Engine Controls, I6 Engines (Cont.)

7.12. ELECTRONIC ENGINE CONTROLS — V8 ENGINES, P. 12

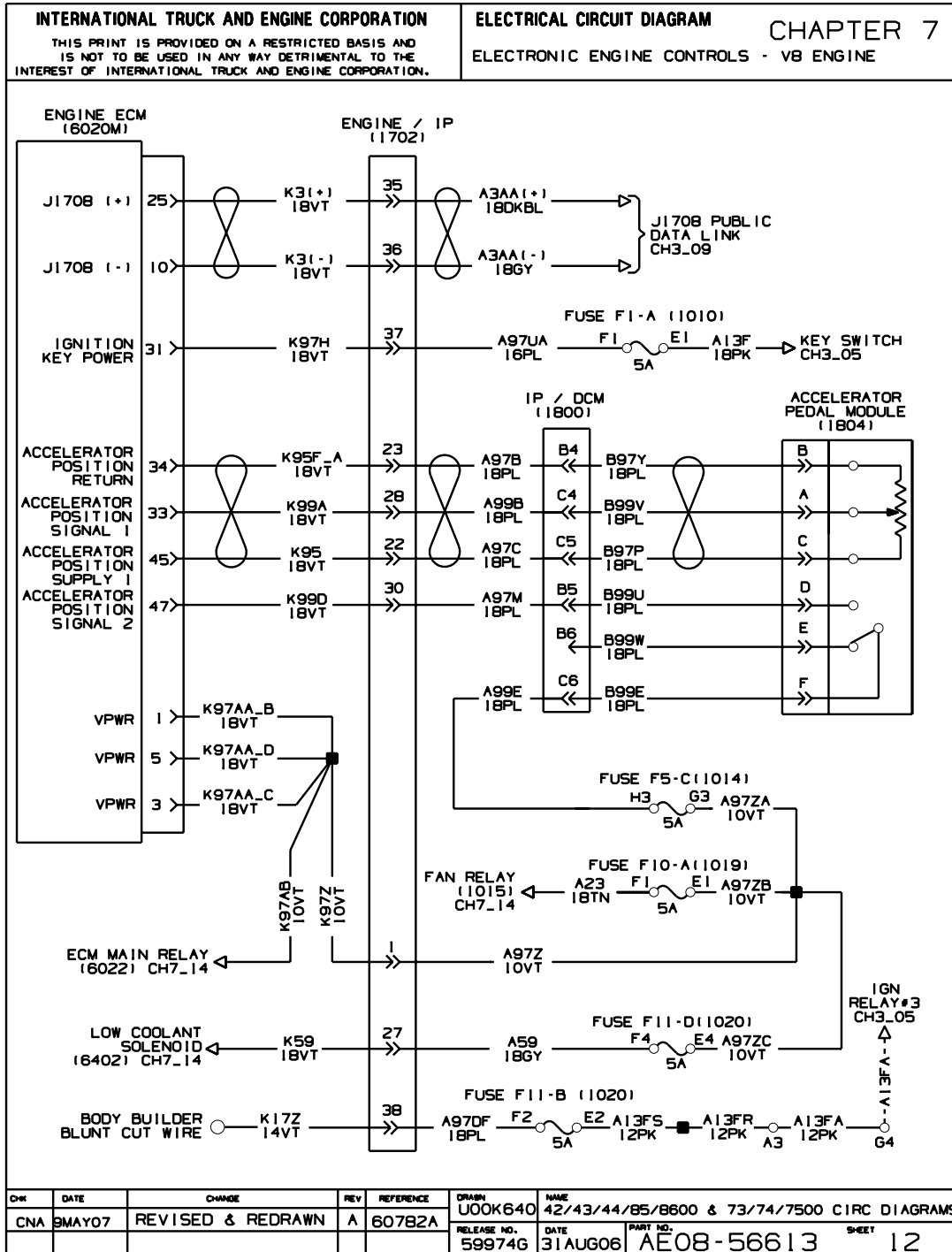


Figure 101 Electronic Engine Controls — V8 Engines

7.13. ELECTRONIC ENGINE CONTROLS — V8 ENGINES, P. 13

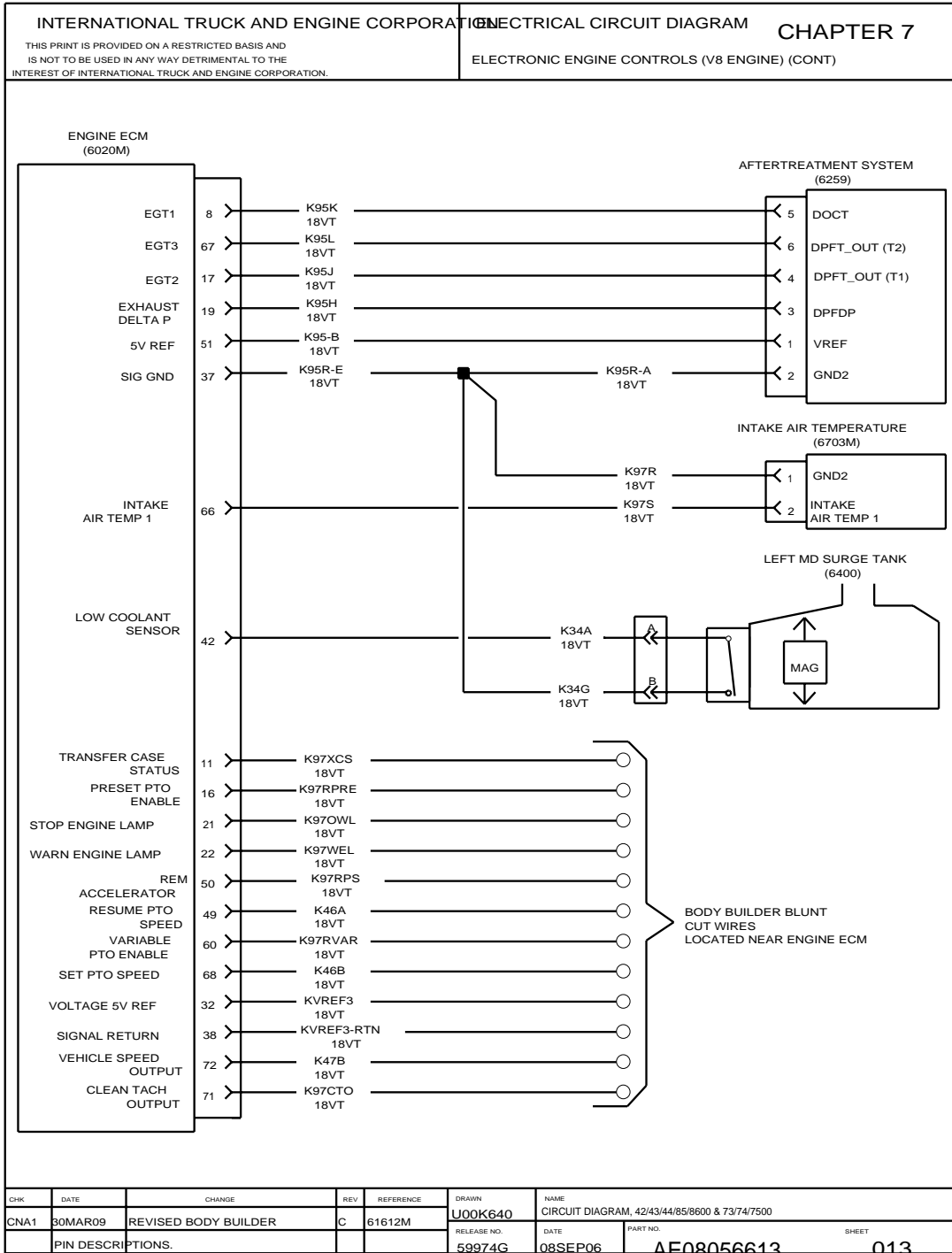


Figure 102 Electronic Engine Controls — V8 Engines

7.14. ELECTRONIC ENGINE CONTROLS — V8 ENGINES, P. 14

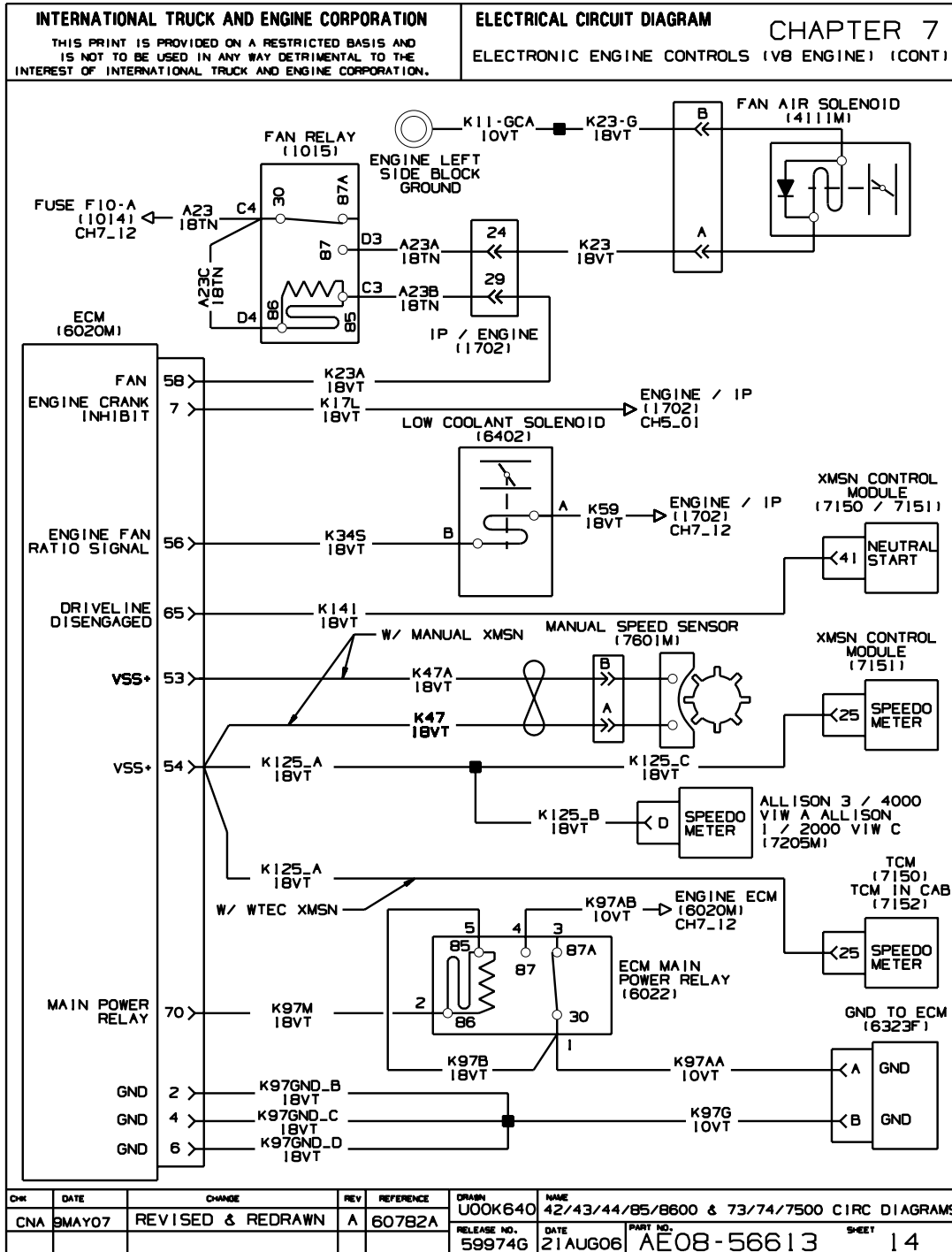


Figure 103 Electronic Engine Controls — V8 Engines

7.15. CRUISE CONTROL, P. 15

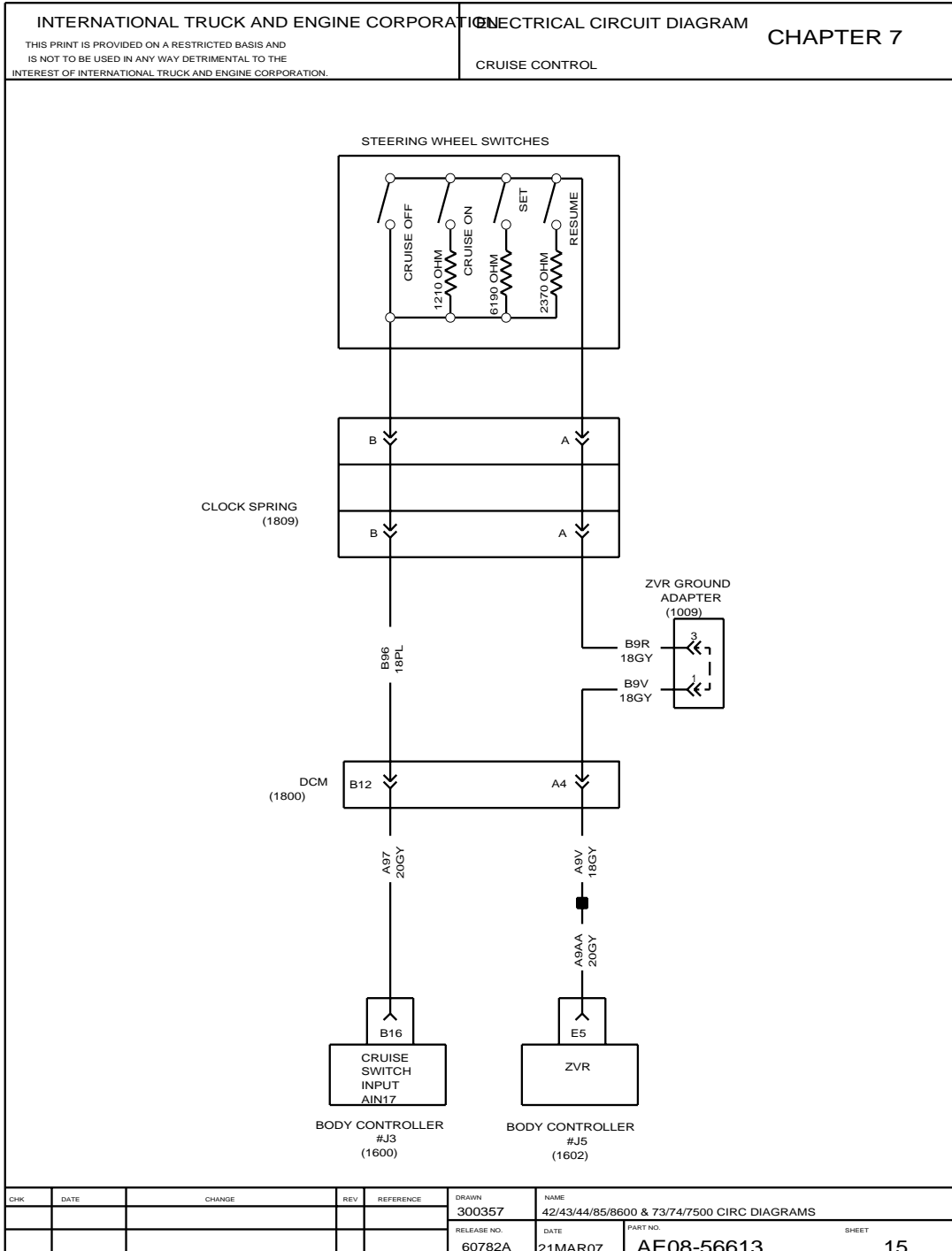


Figure 104 Cruise Control