

SERVICE MANUAL

SERVICE MANUAL SECTION

**3200, 4200, 4300, 4400, 7300, 7400, 7500, 7600, 8500, 8600 SERIES Built
October 1, 2002 and After — ELECTRICAL CIRCUIT DIAGRAMS**

**Truck Model: 3200
Start Date: 03/01/2002**

**Truck Model: 4200
Start Date: 10/01/2002**

**Truck Model: 4300
Start Date: 10/01/2002**

**Truck Model: 4400
Start Date: 10/01/2002**

**Truck Model: 7300
Start Date: 10/01/2002**

**Truck Model: 7400
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**Truck Model: 7500
Start Date: 10/01/2002**

**Truck Model: 7600
Start Date: 12/01/2001**

**Truck Model: 8500
Start Date: 10/01/2002**

**Truck Model: 8600
Start Date: 10/01/2002**

S082852a

10/01/2002

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1. INSTRUCTIONS AND CHARTS (CHAPTER 1)

1.1. CIRCUIT NUMBER IDENTIFICATION AND LOCATION CHART, P. 1

| | | | | | | |
|--|--|---|-----|-----------|-------------|---|
| 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. | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1 INTERNATIONAL CIRCUIT NUMBER IDENTIFICATION AND LOCATION | | | | |
| PREFIX DESIGNATIONS | | | | | | |
| 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 RR Xmbr) | | | | | |
| P | Chassis/Wheel Base Section | | | | | |
| R | Chassis/Suspension/Rear Axle/Axles | | | | | |
| S | Chassis/AF Section/Stop/Tail/Turn Lights | | | | | |
| CIRCUIT NUMBER AND IDENTIFICATIONS | | | | | | |
| CIRCUIT NUMBER | COLOR | DESCRIPTION | | | | |
| 1 | LTBL | ALTERNATOR - FIELD | | | | |
| 2 | RD | ALTERNATOR - CHARGE | | | | |
| 3 | DKBL GY | 1708 DATA LINK, SWITCH DATA LINK (+) 1708 DATA LINK, SWITCH DATA LINK (-) | | | | |
| 4 | | SERIAL/DATA COMMUNICATION J1922 | | | | |
| 5 | YL GN | DRIVE TRAIN J1939 DATA LINK (+) DRIVE TRAIN J1939 DATA LINK (-) | | | | |
| 6 | GY | LOW VOLTAGE ELECTRONIC FEED (< 9 VOLTS) | | | | |
| 7 | RD | ALTERNATOR - RESISTANCE | | | | |
| 8 | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | J00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS |
| | | | | | RELEASE NO. | DATE |
| | | | | | P52778H | 09AUG00 |
| | | | | | | PART NO. |
| | | | | | | AE08-52365 |
| | | | | | | SHEET |
| | | | | | | 01 |

Figure 1 Circuit Number Identification and Location Chart

1.2. CIRCUIT NUMBER IDENTIFICATION AND LOCATION CHART, P. 2

| | | | | | | | | |
|--|----------|---|-----|---|-------------|---|------------|-------|
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| CIRCUIT NUMBER AND IDENTIFICATIONS (CONT.) | | | | | | | | |
| CIRCUIT NUMBER | COLOR | DESCRIPTION | | | | | | |
| 9 | GY | ZERO VOLT REFERENCE (ZVR) | | | | | | |
| 10 | WH | CHASSIS/ENGINE GROUND | | | | | | |
| 11 | WH | CAB/SLEEPER GROUND | | | | | | |
| 12 | LTBL | ACCESSORY FEED | | | | | | |
| 13 | PK BK | IGNITION FEED 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 | | | | | | | | |
| 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 | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00JXP9 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | |
| | | | | | RELEASE NO. | DATE | PART NO. | SHEET |
| | | | | | P52778H | 09AUG00 | AE08-52365 | 02 |

Figure 2 Circuit Number Identification and Location Chart (Cont.)

1.3. CIRCUIT NUMBER IDENTIFICATION AND LOCATION CHART, P. 3

| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | ELECTRICAL CIRCUIT DIAGRAM | | CHAPTER 1 | | | | |
|--|---------|--|-----|-----------|-------------|---|------------|-------|
| 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. | | INTERNATIONAL CIRCUIT NUMBER IDENTIFICATION AND LOCATION (CONT.) | | | | | | |
| CIRCUIT NUMBER AND IDENTIFICATIONS (CONT.) | | | | | | | | |
| CIRCUIT NUMBER | COLOR | DESCRIPTION | | | | | | |
| 33 | TN | ENGINE OIL LEVEL | | | | | | |
| 34 | TN | COOLANT LEVEL | | | | | | |
| 35 | TN | ENGINE OIL PRESSURE | | | | | | |
| 36 | TN | FUEL LEVEL | | | | | | |
| 37 | TN | FUEL PUMP | | | | | | |
| 38 | | | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| | LT GN | TURN SIGNAL LIGHTS - RIGHT (BODY BUILDER CONNECTION) | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | |
| | | | | | RELEASE NO. | DATE | PART NO. | SHEET |
| | | | | | P52778H | 15 MAY 00 | AE08-52365 | 03 |

Figure 3 Circuit Number Identification and Location Chart (Cont.)

1.4. CIRCUIT NUMBER IDENTIFICATION AND LOCATION CHART, P. 4

| 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. | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1 INTERNATIONAL CIRCUIT NUMBER IDENTIFICATION AND LOCATION (CONT.) | | | | |
|--|------------|--|-----|--|-------------|---|------------|-------|
| CIRCUIT NUMBER AND IDENTIFICATIONS (CONT.) | | | | | | | | |
| CIRCUIT NUMBER | COLOR | DESCRIPTION | | | | | | |
| 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 LIGHT | | | | | | |
| 66 | YL | DAYTIME RUNNING LIGHTS | | | | | | |
| 67 | | | | | | | | |
| 68 | BN | TAIL LIGHTS | | | | | | |
| 69 | BN | LICENSE PLATE LIGHT | | | | | | |
| 70 | OR RD | STOP LIGHTS STOP LIGHTS (BODY BUILDER CONNECTION) | | | | | | |
| 71 | OR LTBL | BACK - UP LIGHTS 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 | | | | | | |
| 81 | LTGN | POWER DOOR LOCKS | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | |
| | | | | | RELEASE NO. | DATE | PART NO. | SHEET |
| | | | | | P52778H | 15MAY00 | AE08-52365 | 04 |

Figure 4 Circuit Number Identification and Location Chart (Cont.)

1.5. CIRCUIT NUMBER IDENTIFICATION AND LOCATION CHART, P. 5

| 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. | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1 INTERNATIONAL CIRCUIT NUMBER IDENTIFICATION AND LOCATION (CONT.) | | | |
|--|---------|---------------------------------------|-----|--|------------------|---|--|
| CIRCUIT NUMBER AND IDENTIFICATIONS (CONT.) | | | | | | | |
| CIRCUIT NUMBER | COLOR | DESCRIPTION | | | | | |
| 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 | INTERCOMMUNICATIONS | | | | | |
| 92 | TN | TRANSMISSION CONTROLS - ELECTRONIC | | | | | |
| 93 | TN | AXLE SHIFT CONTROL | | | | | |
| 94 | GY | ANTILOCK BRAKE SYSTEM | | | | | |
| 95 | TN | EXHAUST EMISSION | | | | | |
| 96 | YL | SNOW PLOW LIGHTS/CRUISE CONTROL | | | | | |
| 97 | VT | ENGINE CONTROLS - ELECTRONIC | | | | | |
| 98 | BK | DATALINK AND DIAGNOSTICS | | | | | |
| 99 | VT | ACCELERATOR POSITION SENSOR (APS) | | | | | |
| 100 | | AIR HORN (ELECTRIC SOLENOID ACTUATED) | | | | | |
| 101 | | BRAKE APPLICATION AIR | | | | | |
| 102 | | FLASH TO PASS | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | |
| PEC | 18JUN01 | ADDED CLOCK TO #86. | B | P54634F | RELEASE NO. DATE | PART NO. SHEET | |
| | | | | | P52778H 15MAY00 | AE08-52365 05 | |

Figure 5 Circuit Number Identification and Location Chart (Cont.)

1.6. NAVPAK/ECM I6 ENGINE CONTROLLER CONNECTOR PIN NUMBER IDENTIFICATION, P. 6

| 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. | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1 INTERNATIONAL NAVPAK/ECM I6 ENGINE CONTROLLER CONNECTOR PIN NUMBER IDENTIFICATION | | |
|--|----------|----------------------------------|-----------|---|------------------------------------|---|
| ECM PIN # | TERM | DESCRIPTION | ECM PIN # | TERM | DESCRIPTION | |
| 12 | AAT | AMBIENT AIR TEMP. SENSOR | 27 | IVS | IDLE VALIDATION SWITCH | |
| 33 | ACD | A/C DEMAND | 54 | OWL | OIL/WATER WARNING LIGHT | |
| 8 | APS | ACCELERATOR POS. SENSOR | 25 | PWR RLY | CEC MAIN POWER RELAY SIGNAL | |
| 16 | ATA(+) | J1708 DATALINK (+) | 31 | RAS | RESUME/ACCELERATE | |
| 17 | ATA(-) | J1708 DATALINK (-) | 37 | RPRF | PRESET SPEED | |
| 29 | BAP | BAROMETRIC AIR PRESS. SENSOR | 30 | RPS | REMOTE ACCELERATOR POS. SENS. SIG. | |
| 43 | BN01 | BRAKE STATUS #1 | 6 | RPS_RTN | REMOTE ACCELERATOR POS. SENS RTN. | |
| 44 | BN02 | BRAKE STATUS #2 | 36 | RVAR | VARIBLE SPEED SWITCH | |
| 18 | CAN SHLD | DRIVETRAIN J1939 DATALINK SHLD | 32 | SCS | SET/COAST | |
| 19 | CAN(+) | DRIVETRAIN J1939 DATALINK (+) | 45 | SIL | SERVICE INTERVAL LIGHT | |
| 20 | CAN(-) | DRIVETRAIN J1939 DATALINK (-) | 34 | STI | SELF TEST INPUT | |
| 15 | CBE_SEL1 | RETARDER/EXHAUST BRAKE REQUEST | 48 | SUL | SHIFT UP LIGHT | |
| 10 | CLS | COOLANT LEVEL SENSOR | 59 | TACA | TACHOMETER A | |
| 35 | COD | CRUISE ON/OFF | 60 | TACB | TACHOMETER B | |
| 21 | DC (+) | POWER | 38 | TCSS | TORQUE CURVE SELECTION INPUT | |
| 22 | DC (+) | POWER | 28 | TSA | TWO SPEED AXLE | |
| 1 | DC (-) | GROUND | 3 | VBREF(5V) | ACCELERATOR SENSOR SUPPLY | |
| 2 | DC (-) | GROUND | 11 | VBREF GND | ACCELERATOR SENSOR GROUND | |
| 26 | DDS | DRIVELINE DISENGAUGED INPUT | 5 | VCREF(5V) | REMOTE ACCELERATOR SENS. SUPPLY | |
| 42 | DPS | GROUND | 7 | VCREF GND | REMOTE ACCELERATOR SENSOR GND | |
| 46 | ECI | ENGINE CRANK INHIBIT | 24 | VIGN | IGNITION FEED | |
| 56 | EDL | TRANSMISSION KICKDOWN | 47 | VRE | RETARDER/EXHAUST BRAKE ENABLE | |
| 53 | GPL | GLOW PLUG LIGHT | 39 | VSS(+) | VEHICLE SPEED SENSOR (+) | |
| 4 | HGE | HYD. PRESS GOVERNOR ENABLE | 40 | VSS(-) | VEHICLE SPEED SENSOR (-) | |
| 49 | HMI | HYDRAULIC PRESS GOVERNOR IND. LT | 58 | VSSCALA | SPEEDOMETER SIGNAL A | |
| 13 | HPS | HYDRAULIC PRESSURE SENSOR | 57 | VSSCALB | SPEEDOMETER SIGNAL B | |
| 41 | HSO (+) | POWER | 55 | WARN | ENGINE WARNING LIGHT | |
| 23 | HSO (-) | GROUND | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00JXP9 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS |
| | | | | | RELEASE NO. | DATE |
| | | | | | P52778H | 09AUG00 |
| | | | | | | PART NO. |
| | | | | | | AE08-52365 |
| | | | | | | SHEET |
| | | | | | | 06 |

Figure 6 NAVPAK/ECM I6 Engine Controller Connector Pin Number Identification

1.7. CIRCUIT DIAGRAM INSTRUCTIONS, P. 7


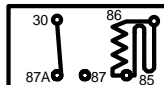


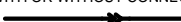
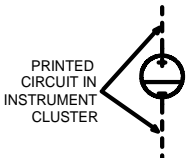
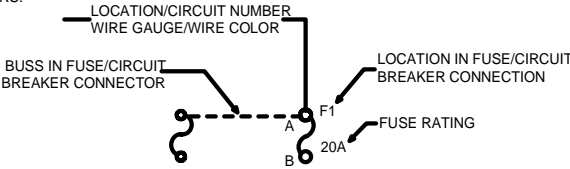
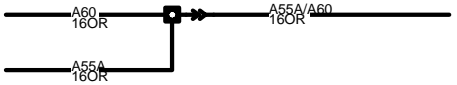
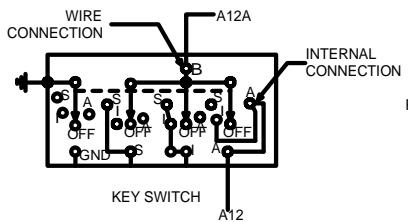
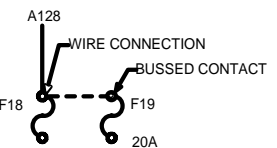
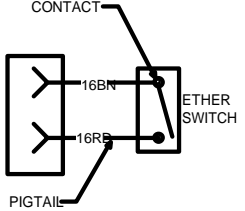
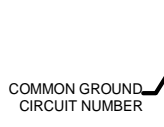
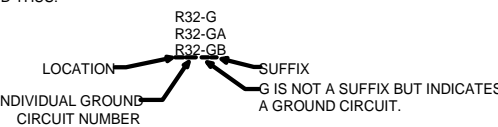
| <p>INTERNATIONAL TRUCK AND ENGINE CORPORATION</p> <p>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</p> | <p>ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1</p> <p>CIRCUIT DIAGRAM INSTRUCTIONS</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---------------------|------|-----------|-------------|---|-------|------|-----|---------|---------------------|---|---------|---------|---|--|--|--|--|--|-------------|------|--|--|--|--|--|---------|---------|--|--|--|--|--|--|----------|--|--|--|--|--|--|------------|--|--|--|--|--|--|-------|--|--|--|--|--|--|----|
| <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; align-items: flex-start;"> <div style="text-align: center;">  <p>SWITCH: MANUAL/MECHANICAL</p> </div> <div style="text-align: center;">  <p>RELAY - SUPPRESSED</p> </div> <div style="text-align: center;">  <p>INDICATES CASE MAGNETIC GROUND SUPPRESSED</p> </div> </div> | <p>B - MULTIPLE CONNECTIONS ARE DISPLAYED ON SCHEMATIC AS SHOWN. REFER TO CONNECTOR COMPOSITE WITH APPLICABLE NUMBER FOR MORE COMPLETE INFORMATION.</p> <div style="text-align: center;">  <p>12 AND/OR 12</p> <p>SINGLE IN-LINE CONNECTORS DISPLAYED AS SHOWN WITH OR WITHOUT CONNECTOR NUMBER.</p>  </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>C - PHANTOM LINES INDICATE PRINTED CIRCUITS OR BUSSED CIRCUITS. THESE CIRCUITS EXIST IN THE INSTRUMENT CLUSTERS 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> <p>VOLTMETER</p> </div> <div style="text-align: center;">  <p>LOCATION/CIRCUIT NUMBER WIRE GAUGE/WIRE COLOR</p> <p>BUSS IN FUSE/CIRCUIT BREAKER CONNECTOR</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 WIRE DISTRIBUTING CURRENT TO TWO CIRCUITS.</p> <div style="text-align: center;">  <p>A60 16OR, A55A 16OR, A55A/A60 16OR</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>WIRE CONNECTION</p> <p>INTERNAL CONNECTION</p> <p>KEY SWITCH</p> </div> <div style="text-align: center;">  <p>WIRE CONNECTION</p> <p>BUSSED CONTACT</p> </div> <div style="text-align: center;">  <p>CONTACT</p> <p>ETHER SWITCH</p> <p>PIGTAIL</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. (E.G CIRCUIT 97 CRUISE CONTROL, IS IDENTIFIED PER EXAMPLE).</p> <p>NOTE: FOR CIRCUIT DESCRIPTION OTHER THAN GROUNDS, NEITHER THE LETTER "G" NOR THE COLOR WHITE SHALL BE USED.</p> <p style="text-align: center;">GROUND CIRCUITS ARE DESCRIBED THIS:</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>COMMON GROUND CIRCUIT NUMBER</p> <p>SUFFIX G IS NOT A SUFFIX BUT INDICATES A GROUND CIRCUIT.</p> </div> <div style="text-align: center;">  <p>INDIVIDUAL GROUND CIRCUIT NUMBER</p> <p>SUFFIX G IS NOT A SUFFIX BUT INDICATES A GROUND CIRCUIT.</p> </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CHK</th> <th>DATE</th> <th>CHANGE</th> <th>REV</th> <th>REFERENCE</th> <th>DRAWN</th> <th>NAME</th> </tr> <tr> <td>PEC</td> <td>16JAN01</td> <td>PRODUCTION RELEASE.</td> <td>A</td> <td>P54304U</td> <td>U00DLCK</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>P52778H</td> <td>15MAY00</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PART NO.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>AE08-52365</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SHEET</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>07</td> </tr> </table> | | CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | RELEASE NO. | DATE | | | | | | P52778H | 15MAY00 | | | | | | | PART NO. | | | | | | | AE08-52365 | | | | | | | SHEET | | | | | | | 07 |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | RELEASE NO. | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | P52778H | 15MAY00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | PART NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | AE08-52365 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | SHEET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 7 Circuit Diagram Instructions

1.8. CIRCUIT DIAGRAM INSTRUCTIONS, P. 8

| | | | | | | | |
|---|---|---|--|---|---|---|--|
| 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. | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1 CIRCUIT DIAGRAM INSTRUCTIONS | | | | | |
| <p>G - ABBREVIATIONS: COLOR, NOUN AND ENGINE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <p>COLOR ABBREVIATION</p> <p>AQ - AQUA BK - BLACK BL - BLUE BN - BROWN DK GN - DARK GREEN GD - GOLD GY - GRAY GN - GREEN LT BL - LIGHT BLUE</p> </td> <td style="width: 33%; vertical-align: top;"> <p>NOUN ABBREVIATION</p> <p>LT GN - LIGHT GREEN OR - ORANGE PK - PINK PL - PURPLE RD - RED SIL - SILVER TN - TAN VT - VIOLET WH - WHITE YL - YELLOW</p> </td> <td style="width: 33%; vertical-align: top;"> <p>NOUN ABBREVIATION</p> <p>A ACCESSORY ACC AIR CONDITIONER AC - AIR CONDITIONER AUX - AUXILIARY AWG - AMERICAN WIRE GAUGE B BATTERY BAT CONNECTION OR CONNECTOR CONN- CONNECTION OR CONNECTOR DRL - DAYTIME RUNNING LIGHTS ENG - ENGINE FWD - FORWARD GA - GAUGE</p> </td> <td style="width: 33%; vertical-align: top;"> <p>G GROUND GND I IGNITION IGN IND - INDICATOR L - LEFT LT - LIGHT W/O - WITHOUT DRL - DAYTIME RUNNING LIGHTS OPT - OPTIONAL R - RIGHT S - START OR SENDER THERMO - THERMOSTAT W/ - WITH</p> </td> </tr> </table> <p>ENGINE ABBREVIATION</p> <p>ISM - MFG (CUMMINS) 10.8 LITER ELECTRONIC ENGINE CONTROL</p> <p>N14E PLUS - MFG (CUMMINS) 14 LITER ELECTRONIC ENGINE CONTROL</p> <p>C-10,C-12 - MFG (CATERPILLAR) 10.3 LITER ELECTRONIC ENGINE CONTROL</p> <p>V8-AVNT - MFG (INTERNATIONAL) V8 6.0 LITER ELECTRONIC ENGINE CONTROL</p> <p>I6-HEUI - MFG (INTERNATIONAL) NGD I6 DT466 & DT/HT530 ELECTRONIC ENGINE CONTROL</p> | | | | <p>COLOR ABBREVIATION</p> <p>AQ - AQUA BK - BLACK BL - BLUE BN - BROWN DK GN - DARK GREEN GD - GOLD GY - GRAY GN - GREEN LT BL - LIGHT BLUE</p> | <p>NOUN ABBREVIATION</p> <p>LT GN - LIGHT GREEN OR - ORANGE PK - PINK PL - PURPLE RD - RED SIL - SILVER TN - TAN VT - VIOLET WH - WHITE YL - YELLOW</p> | <p>NOUN ABBREVIATION</p> <p>A ACCESSORY ACC AIR CONDITIONER AC - AIR CONDITIONER AUX - AUXILIARY AWG - AMERICAN WIRE GAUGE B BATTERY BAT CONNECTION OR CONNECTOR CONN- CONNECTION OR CONNECTOR DRL - DAYTIME RUNNING LIGHTS ENG - ENGINE FWD - FORWARD GA - GAUGE</p> | <p>G GROUND GND I IGNITION IGN IND - INDICATOR L - LEFT LT - LIGHT W/O - WITHOUT DRL - DAYTIME RUNNING LIGHTS OPT - OPTIONAL R - RIGHT S - START OR SENDER THERMO - THERMOSTAT W/ - WITH</p> |
| <p>COLOR ABBREVIATION</p> <p>AQ - AQUA BK - BLACK BL - BLUE BN - BROWN DK GN - DARK GREEN GD - GOLD GY - GRAY GN - GREEN LT BL - LIGHT BLUE</p> | <p>NOUN ABBREVIATION</p> <p>LT GN - LIGHT GREEN OR - ORANGE PK - PINK PL - PURPLE RD - RED SIL - SILVER TN - TAN VT - VIOLET WH - WHITE YL - YELLOW</p> | <p>NOUN ABBREVIATION</p> <p>A ACCESSORY ACC AIR CONDITIONER AC - AIR CONDITIONER AUX - AUXILIARY AWG - AMERICAN WIRE GAUGE B BATTERY BAT CONNECTION OR CONNECTOR CONN- CONNECTION OR CONNECTOR DRL - DAYTIME RUNNING LIGHTS ENG - ENGINE FWD - FORWARD GA - GAUGE</p> | <p>G GROUND GND I IGNITION IGN IND - INDICATOR L - LEFT LT - LIGHT W/O - WITHOUT DRL - DAYTIME RUNNING LIGHTS OPT - OPTIONAL R - RIGHT S - START OR SENDER THERMO - THERMOSTAT W/ - WITH</p> | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00JXP9 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | |
| | | | | | P52778H | DATE | PART NO. |
| | | | | | | 10AUG00 | AE08-52365 |
| | | | | | | | SHEET |
| | | | | | | | 08 |

Figure 8 Circuit Diagram Instructions (Cont.)

1.9. SCHEMATIC SYMBOL CHART, P. 9

| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1 | | | |
|--|---------------------------------|--|--|--|--------|--|--|
| 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 | | | |
| SYMBOL | DESCRIPTION | | | DESCRIPTION | SYMBOL | | |
| | MALE/FEMALE IN-LINE CONNECTION | | | HORN | | | |
| | FEMALE TERMINAL | | | SPEAKER - SOUND SYSTEM | | | |
| | MALE TERMINAL | | | MAGNETIC SWITCH | | | |
| | GROUND | | | LIGHT - SINGLE FILAMENT | | | |
| | FUSE | | | LIGHT - DOUBLE FILAMENT | | | |
| | LIGHT EMITTING DIODE | | | SENDER - OIL, WATER, FUEL, TEMPERATURE | | | |
| | RESISTOR | | | | | | |
| | SWITCH CONTACT, NORMALLY OPEN | | | | | | |
| | SWITCH CONTACT, NORMALLY CLOSED | | | | | | |
| | JUNCTION POINT | | | | | | |
| | SPLICE | | | | | | |
| | SWITCH-PRESSURE | | | | | | |
| | SWITCH-MANUAL/MECHANICAL | | | | | | |
| | RELAY-SUPPRESSED | | | | | | |
| | SOLENOID - GENERAL USAGE | | | | | | |
| | MOTOR - ELECTRIC | | | | | | |
| | CIGAR LIGHTER | | | | | | |

| | | | | | | | | |
|-----|---------|---------------------|-----|-----------|-------------|---|------------|-------|
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | |
| | | | | | RELEASE NO. | DATE | PART NO. | SHEET |
| | | | | | P52778H | 19MAY00 | AE08-52365 | 09 |

Figure 9 Schematic Symbol Chart

1.10. RELAY FUNCTIONS, P. 10

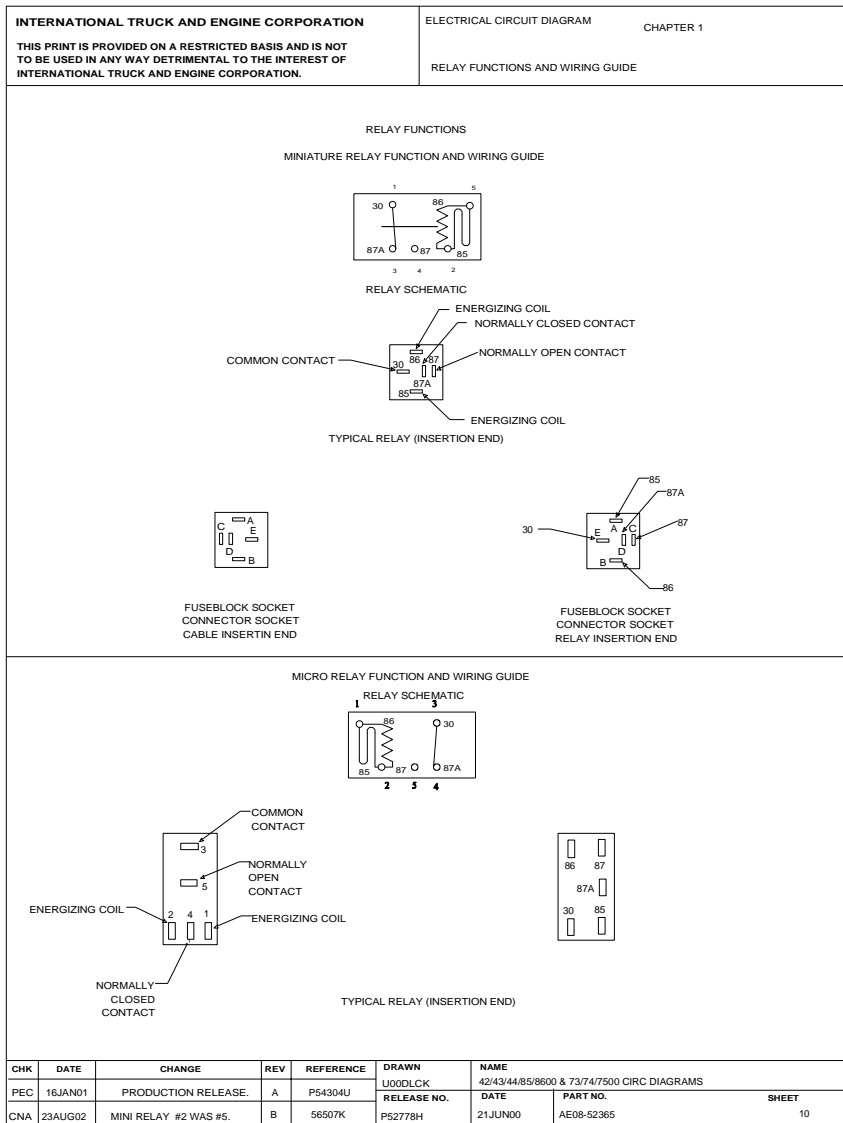


Figure 10 Relay Functions

1.11. LAMP BULB CHART, P. 11

| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | | 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 INTERNATIONAL TRUCK AND ENGINE CORPORATION. | | | | CHAPTER 1 | | |
| | | | | LAMP BULB CHART | | |
| BULB APPLICATION | CANDLEPOWER OR WATTS | | BULB TRADE NUMBER | | | |
| BACK-UP LIGHTS | 32 CANDLEPOWER | | GE1156 | | | |
| CLEARANCE & IDENTIFICATION | 3 CANDLEPOWER | | GE193 | | | |
| COURTESY LIGHT | 3 CANDLEPOWER | | GE168 | | | |
| DOVE LIGHTS | 12 CANDLEPOWER | | GE561 | | | |
| FOG LIGHTS | 55 CANDLEPOWER | | VH550 | | | |
| HEAD LIGHTS: | | | | | | |
| LOW BEAMS | 65 WATTS | | GE9007 | | | |
| HIGH BEAMS | 65 WATTS | | GE9007 | | | |
| INSTRUMENT CLUSTER: | | | | | | |
| GAUGE BACK LIGHT | | | 082S270538-3 | | | |
| GAUGE WARNING LED (RED) | | | 082S272109-3 | | | |
| RANGE INHIBIT LED (YELLOW) | | | 082S272109-4 | | | |
| COLD AMBIENT PROTECTION LED (YELLOW) | | | 082S272109-4 | | | |
| FUEL FILTER LED (YELLOW) | | | 082S272109-4 | | | |
| WARN ENGINE LED (YELLOW) | | | 082S272109-4 | | | |
| STOP ENGINE LED (RED) | | | 082S272109-3 | | | |
| BRAKE PRESSURE LED (RED) | | | 082S272109-3 | | | |
| BRAKE FLUID LED (RED) | | | 082S272109-3 | | | |
| WAIT TO START LED (YELLOW) | | | 082S272109-4 | | | |
| CHECK TRANSMISSION LED (YELLOW) | | | 082S272109-4 | | | |
| TRAILER ABS LED (YELLOW) | | | 082S272109-4 | | | |
| WASHER FLUID LED (YELLOW) | | | 082S272109-4 | | | |
| LEFT TURN SIGNAL LED (GREEN) | | | 082S272109-2 | | | |
| TRACTION CONTROL LED (GREEN) | | | 082S272109-2 | | | |
| WATER IN FUEL LED (YELLOW) | | | 082S272109-4 | | | |
| PARK FLUID LED LIGHT (RED) | | | 082S272109-3 | | | |
| CHECK ELECTRICAL SYSTEMS LED (YELLOW) | | | 082S272109-4 | | | |
| PARK BRAKE LED (RED) | | | 082S272109-3 | | | |
| CRUISE CTRL ACTIVE LED (GREEN) | | | 082S272109-2 | | | |
| ANTILOCK BRAKING SYSTEM LED (YELLOW) | | | 082S272109-4 | | | |
| RIGHT TURN LED (GREEN) | | | 082S272109-2 | | | |
| COOLANT LEVEL LED (RED) | | | 082S272109-3 | | | |
| SEAT BELT LED (RED) | | | 082S272109-3 | | | |
| HIGH BEAM ICON LED (BLUE) | | | 082S272109-5 | | | |
| CHECK AIR CONDITIONER LED (YELLOW) | | | 082S272109-4 | | | |
| RETARD OVER HEAT LED (RED) | | | 082S272109-3 | | | |
| PTO/THROTTLE LED (RED) | | | 082S272109-3 | | | |
| MAP LIGHT | 3 CANDLEPOWER | | 1816 | | | |
| SIDE MARKER | | | 2458 | | | |
| STOP & TURN/TAIL & LICENSE PLATE | 32/3 CANDLEPOWER | | 1157 | | | |
| TURN SIGNAL/MARKER (FENDER) | | | 3157 | | | |
| TURN SIGNAL & MARKER LIGHT | | | 2356 | | | |
| WORK (TRAILER HOOK-UP) LIGHT | | | 4411 | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME |
| PEC | 16JAN01 | PRODUCTION RELEASE | A | P54304U | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS |
| PEC | 18JUN01 | REVISED DRWG SHEET. | B | P54634F | RELEASE NO. | DATE |
| | | | | | P52778H | 20JUN00 |
| | | | | | | PART NO. |
| | | | | | | AE08-52365 |
| | | | | | | SHEET |
| | | | | | | 11 |

Figure 11 Lamp Bulb Chart

1.12. NAVPAK/ECM V8–AVNT CONTROLLER CONNECTORS X3 AND X4 PIN NUMBER IDENTIFICATION, P.12

| | | | | | | | |
|--|-----------|----------------------------------|-----|---|-------------|---|------------|
| 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. | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1 INTERNATIONAL NAVPAK/ECM V8-AVNT CONTROLLER CONNECTORS X3 & X4 PIN NUMBER IDENTIFICATION | | | |
| CONNECTOR (X3) | | | | CONNECTOR (X4) | | | |
| ECM PIN # | TERM | DESCRIPTION | | ECM PIN # | TERM | DESCRIPTION | |
| 1 | FPM | FUEL PUMP MONITOR | | 1 | KL.87 | BATTERY POWER | |
| 2 | FLI | FUEL LEVEL INDICATOR | | 2 | KL.87 | BATTERY POWER | |
| 3 | KL.15 | IGNITION FEED | | 3 | | NOT POPULATED | |
| 4 | ECL | ENGINE COOLANT LEVEL | | 4 | VBREF | SENSOR REFERENCE VOLTAGE | |
| 5 | MPR | MAIN POWER RELAY | | 5 | | NOT POPULATED | |
| 6 | KL.31 | GROUND | | 6 | LSI_SPARE2 | LOW SPEED INOUT 2 | |
| 7 | KL.31 | GROUND | | 7 | | NOT POPULATED | |
| 8 | DDS | DRIVELINE DISENAGE SWITCH | | 8 | | NOT POPULATED | |
| 9 | FPC | FUEL PUMP CONTROL | | 9 | VSS- | VEHICLE SPEED SENSOR- | |
| 10 | TCSS | TORQUE CURVE SELECT SWITCH | | 10 | VSS+ | VEHICLE SPEED SENSOR+ | |
| 11 | TACH | TACHOMETER CONTROL | | 11 | | NOT POPULATED | |
| 12 | CAN1+ | DRIVETRAIN J1939 DATALINK + | | 12 | IVS | IDLE VALIDATION SWITCH | |
| 13 | CAN1- | DRIVETRAIN J1939 DATALINK - | | 13 | | NOT POPULATED | |
| 14 | RAS | RESUME/ACCELERATE | | 14 | EFAN | ELECTRIC FAN CONTROL | |
| 15 | CAN1-SHLD | DRIVETRAIN 1939 DATALINK SHLD | | 15 | LSO_SPARE4 | LOW SIDE OUTPUT 4 | |
| 16 | | NOT POPULATED | | 16 | | NOT POPULATED | |
| 17 | VSS_CAL | VEHICLE SPEED SENSOR CALIBRATION | | 17 | | NOT POPULATED | |
| 18 | VRE | VEHICLE RETARDER ENABLE | | 18 | APS | ACCELERATION POSITION SENSOR | |
| 19 | RPRE | REMOTE PRESET PTO ENABLE | | 19 | | NOT POPULATED | |
| 20 | RVAR | REMOTE VARIABLE PTO ENABLE | | 20 | ATA+ | J1708 DATALINK + | |
| 21 | SCS | SET/COAST | | 21 | ATA- | J1708 DATALINK - | |
| 22 | ESHTR | ELECTRONIC SHUTTER RELAY | | 22 | | NOT POPULATED | |
| 23 | ECI | ENGINE CRANK INHIBIT | | 23 | GSC | GENSET SPEED CONTROL | |
| 24 | BAP | BAROMETRIC AIR PRESSURE | | 24 | KL.31B | SENSOR REFERENCE GROUND | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | |
| | | | | | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | |
| | | | | | RELEASE NO. | DATE | PART NO. |
| | | | | | P54304U | 16JAN01 | AE08-52365 |
| | | | | | | | SHEET 12 |

Figure 12 NAVPAK/ECM V8–AVNT Controller Connectors X3 and X4 Pin Number Identification

2. 12 VOLT POWER DISTRIBUTION CIRCUIT DIAGRAMS (CHAPTER 2)

2.1. ACCESSORY, P. 1

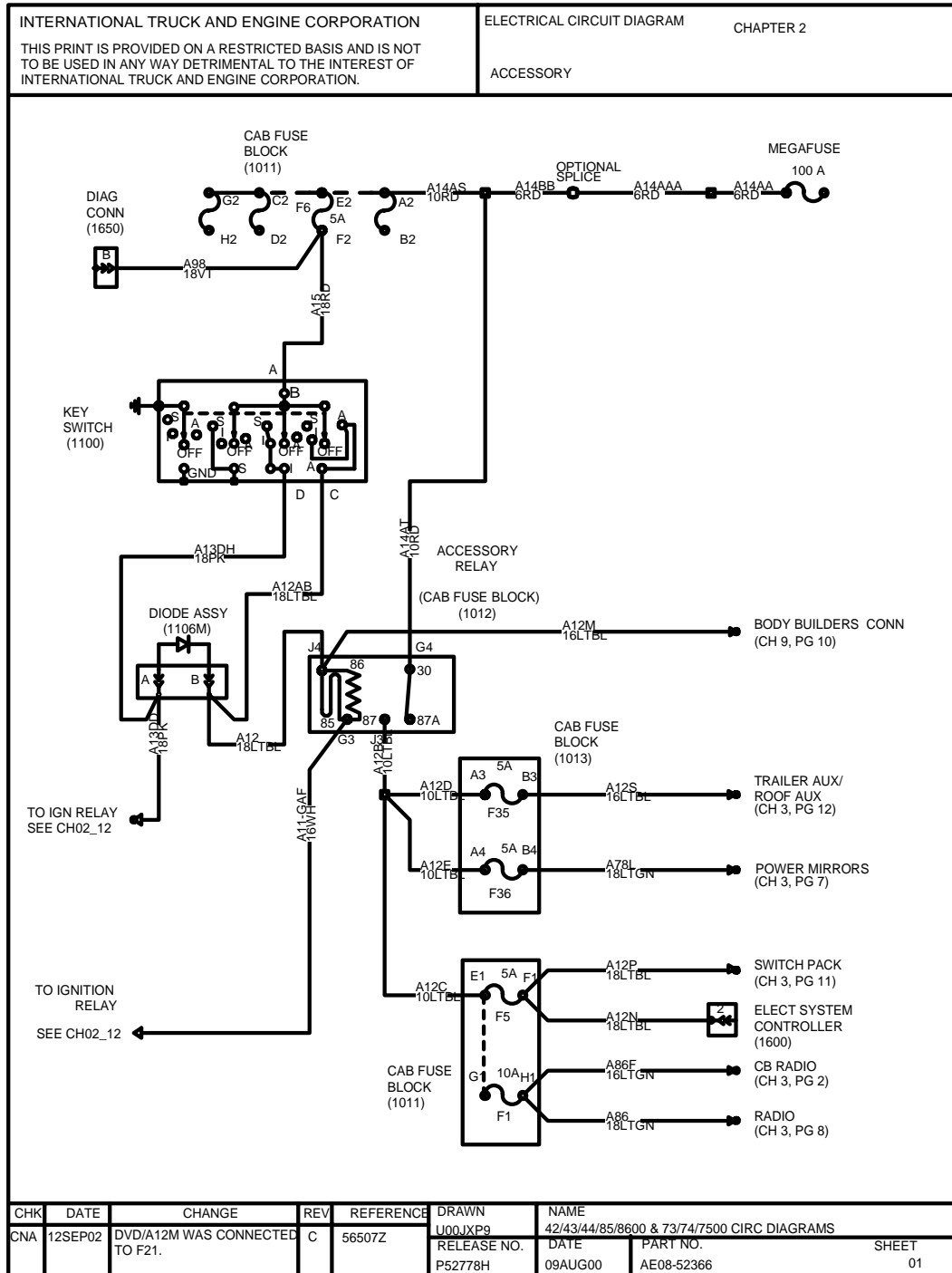


Figure 13 Accessory

2.3. BATTERY, P. 3

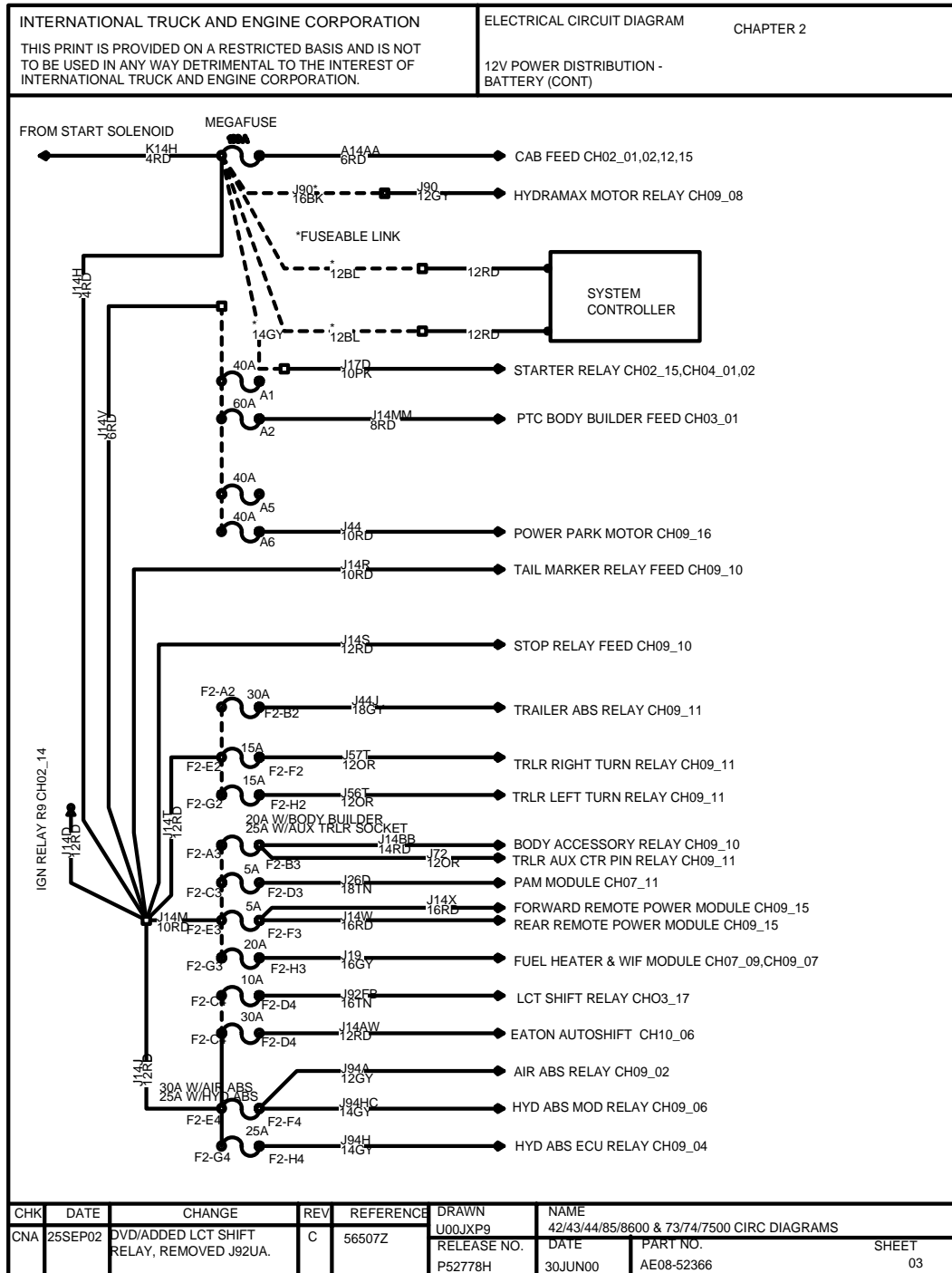


Figure 15 Battery

2.4. 1708 DATA LINK, P. 4

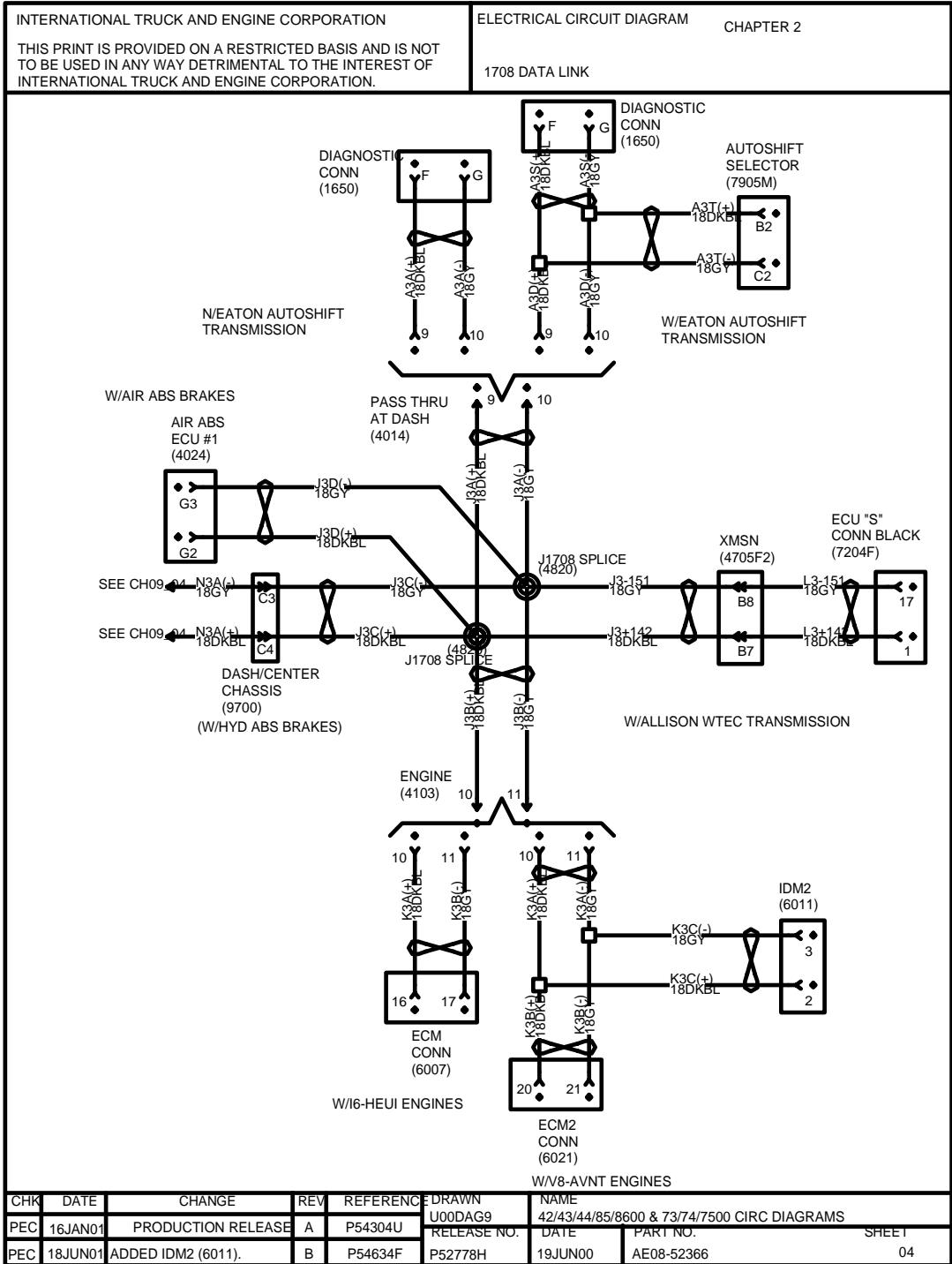


Figure 16 1708 Data Link

2.5. SWITCH DATA LINK, P. 5

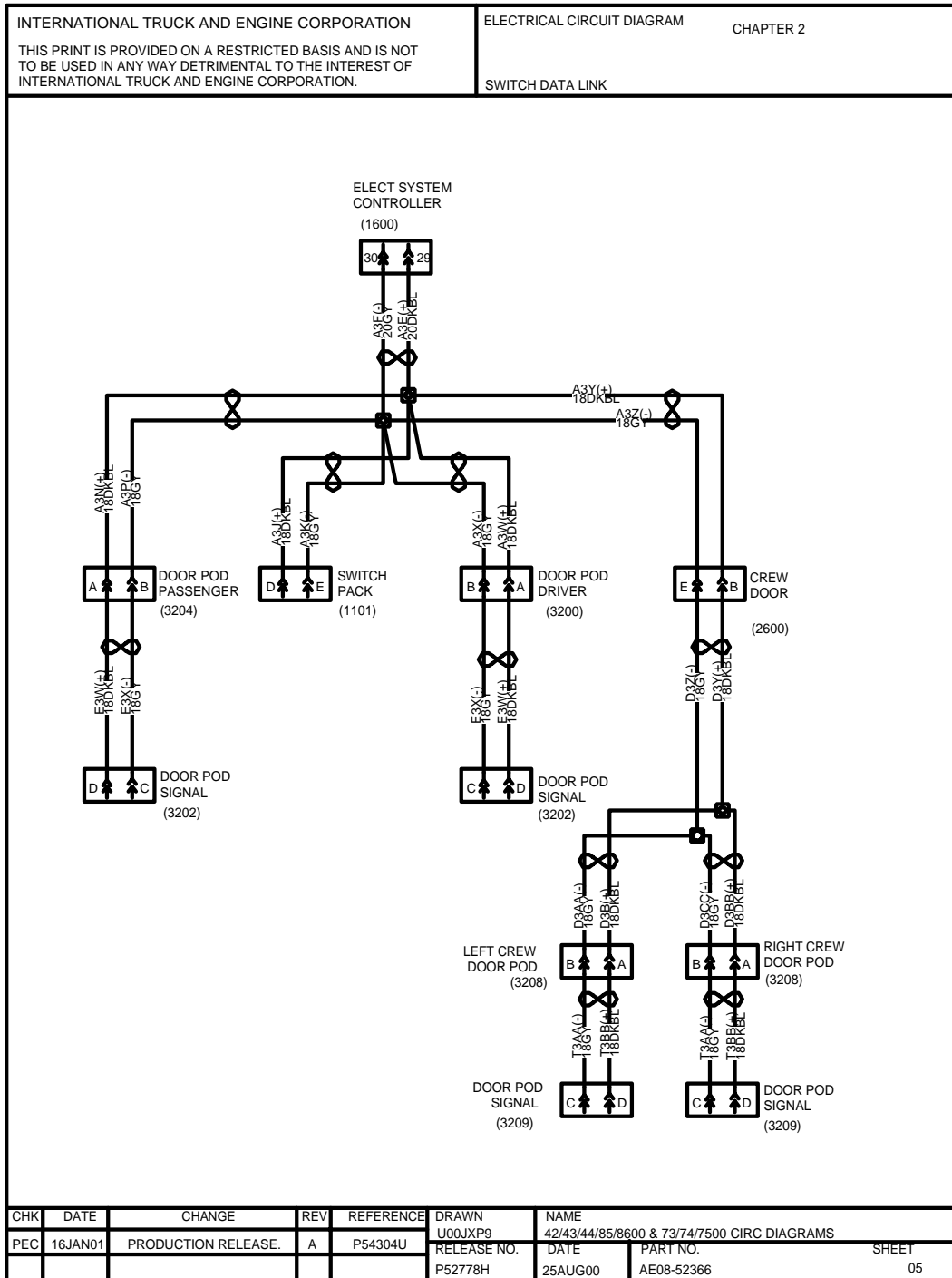
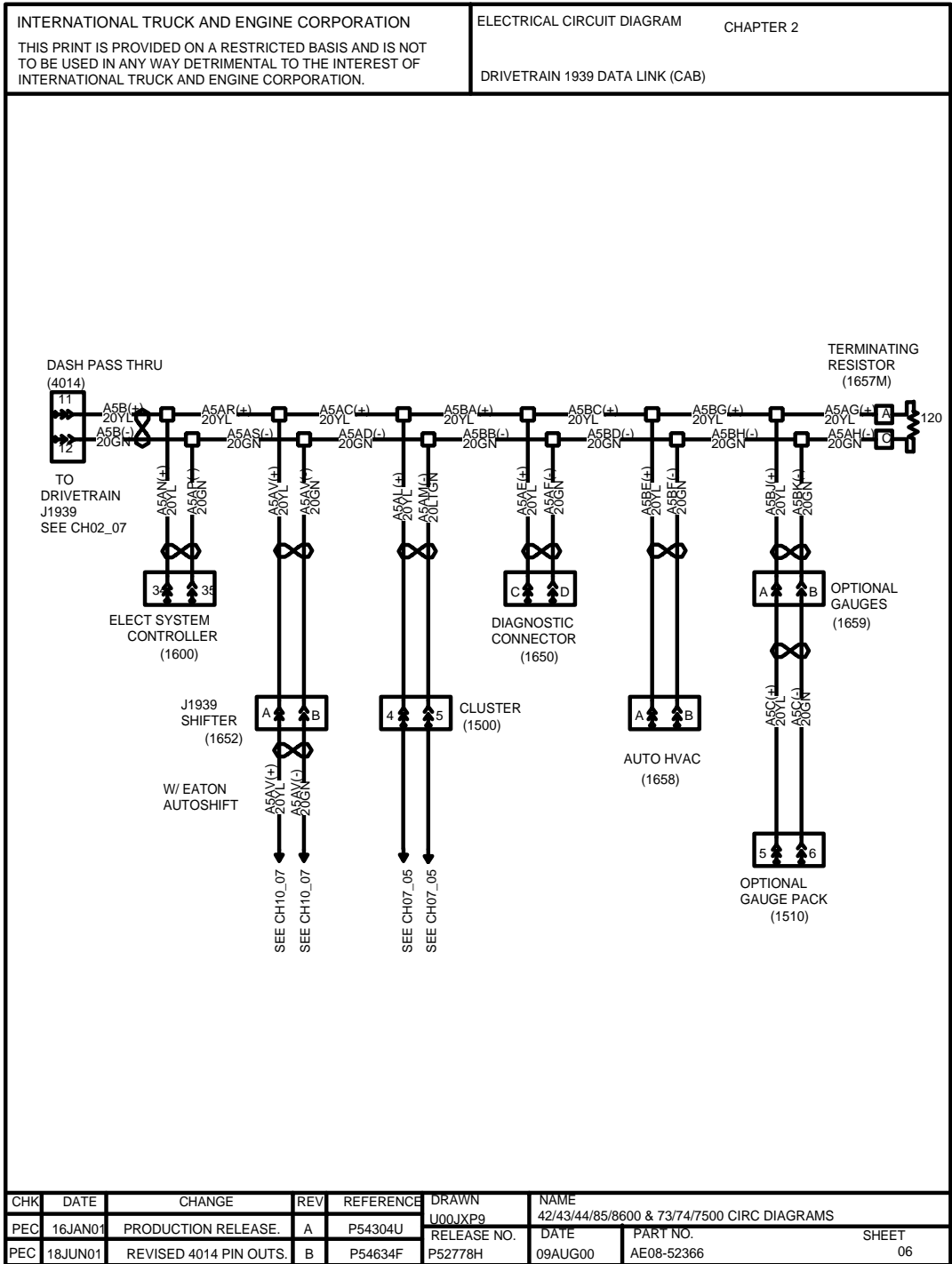


Figure 17 Switch Data Link

2.6. DRIVETRAIN 1939 DATA LINK (CAB), P. 6



2.7. DRIVETRAIN 1939 DATA LINK (CHASSIS), P. 7

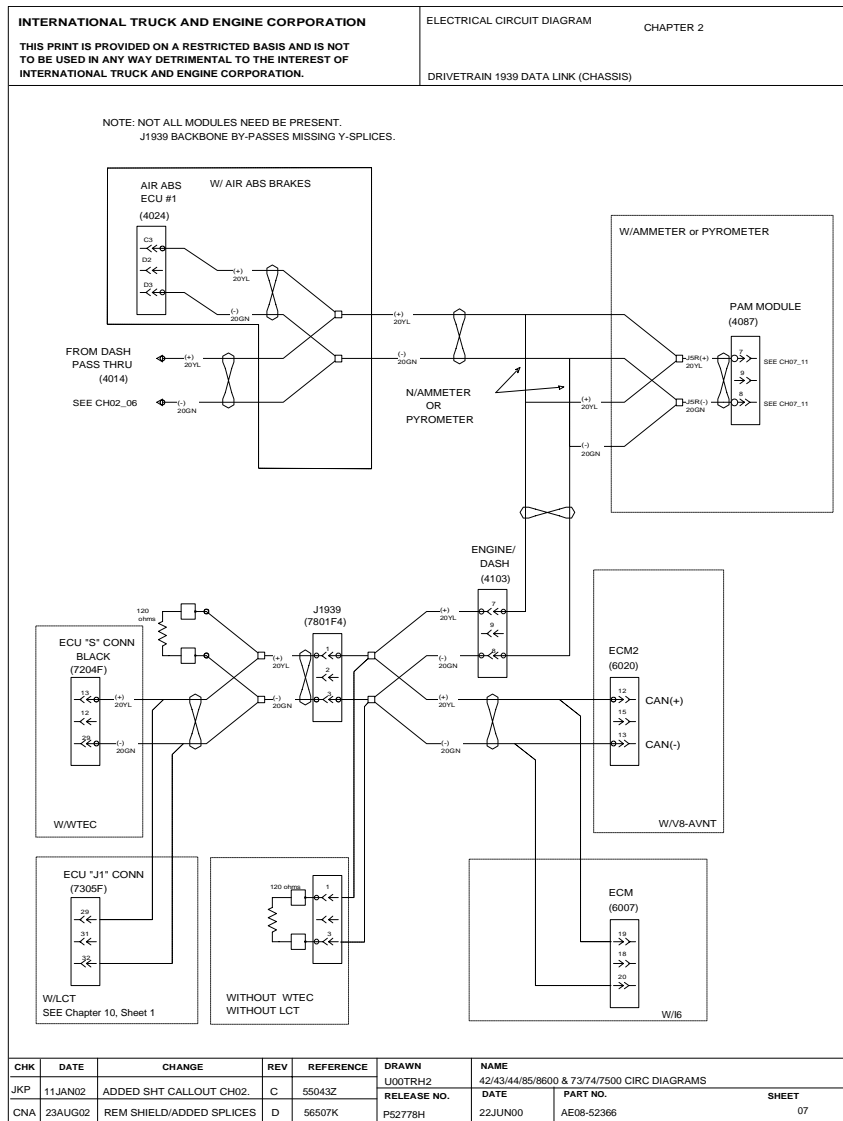


Figure 19 Drivetrain 1939 Data Link (Chassis)

2.8. GROUNDS CHASSIS, P. 8

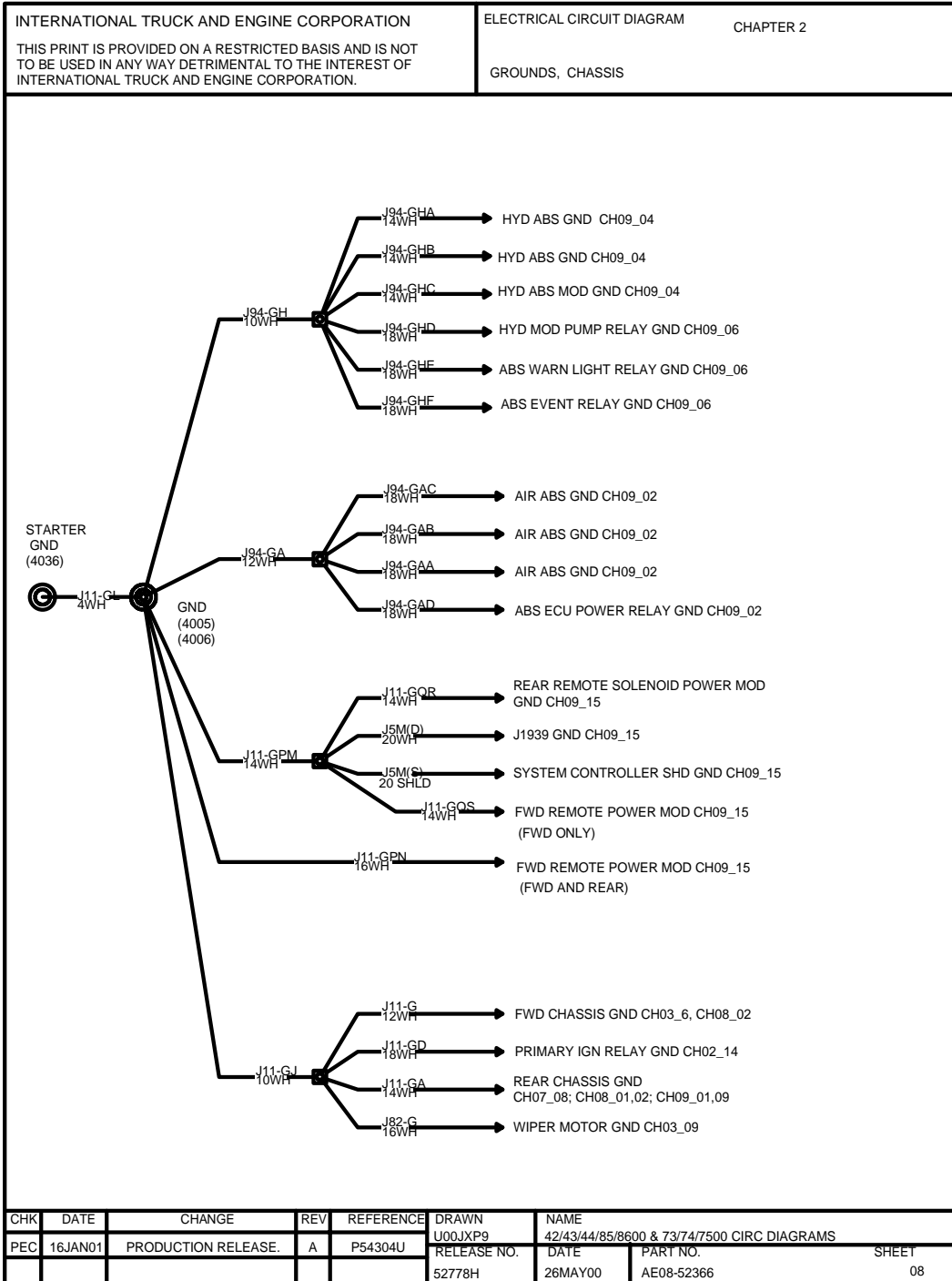


Figure 20 Grounds Chassis

2.9. GROUNDS CHASSIS, P. 9

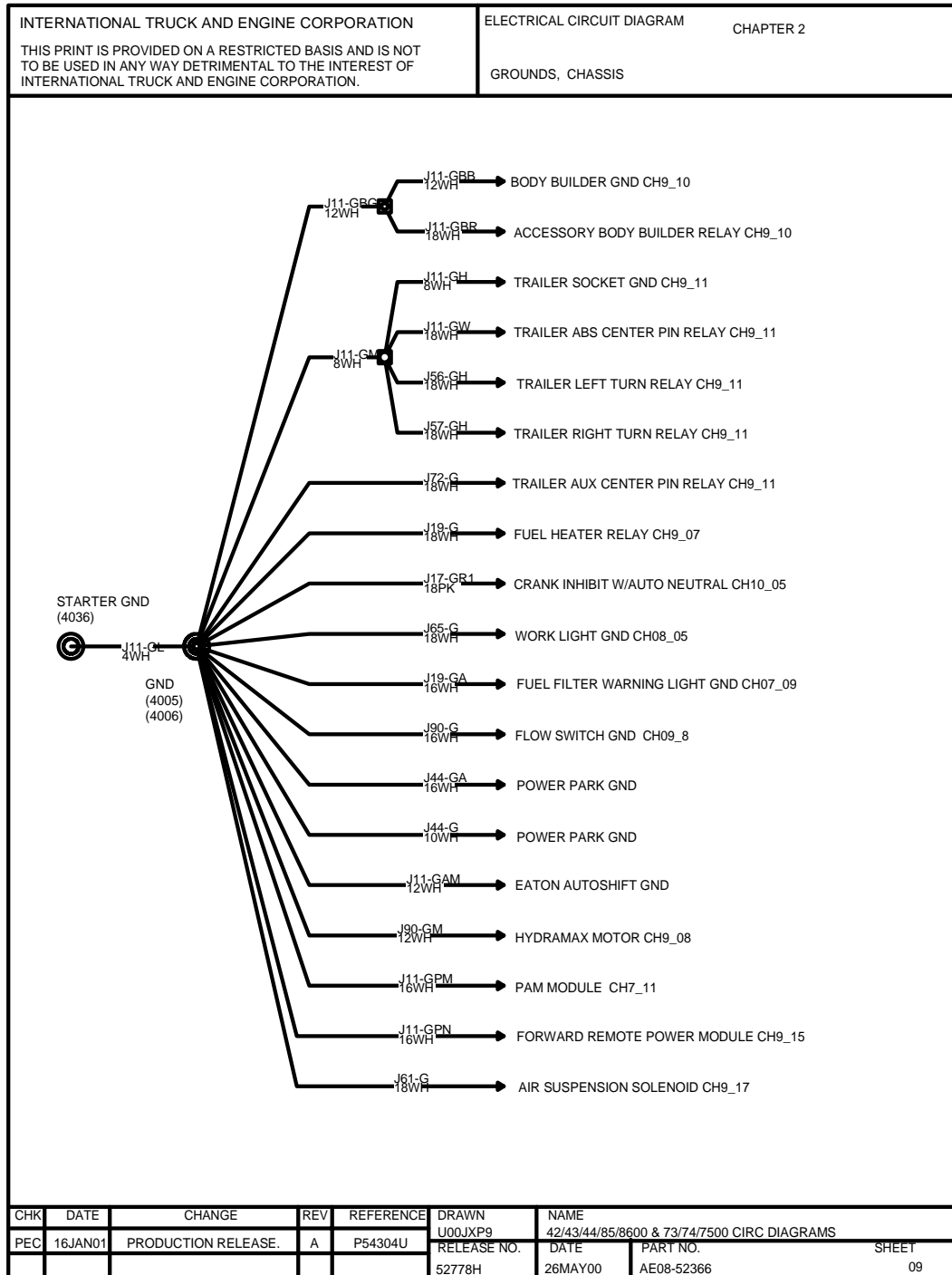


Figure 21 Grounds Chassis (Cont.)

2.10. GROUNDS IP, P. 10

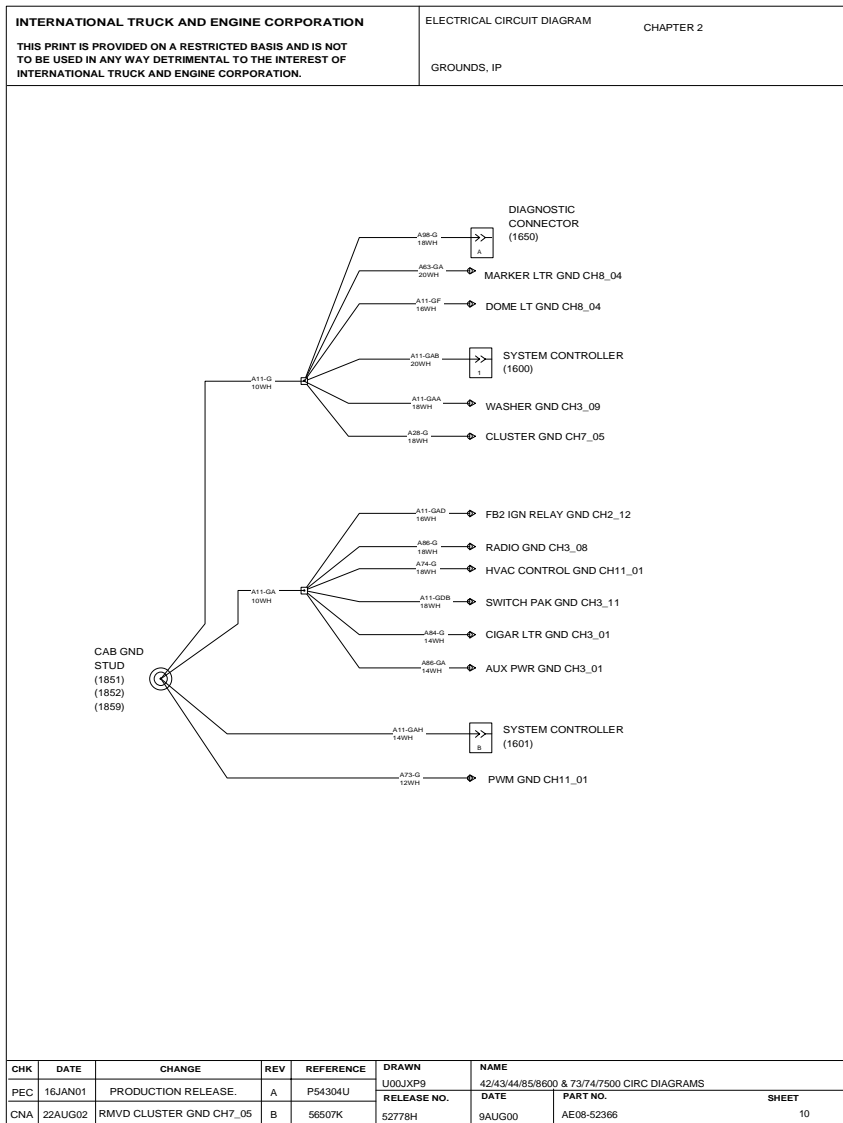


Figure 22 Grounds IP

2.11. GROUNDS IP, P. 11

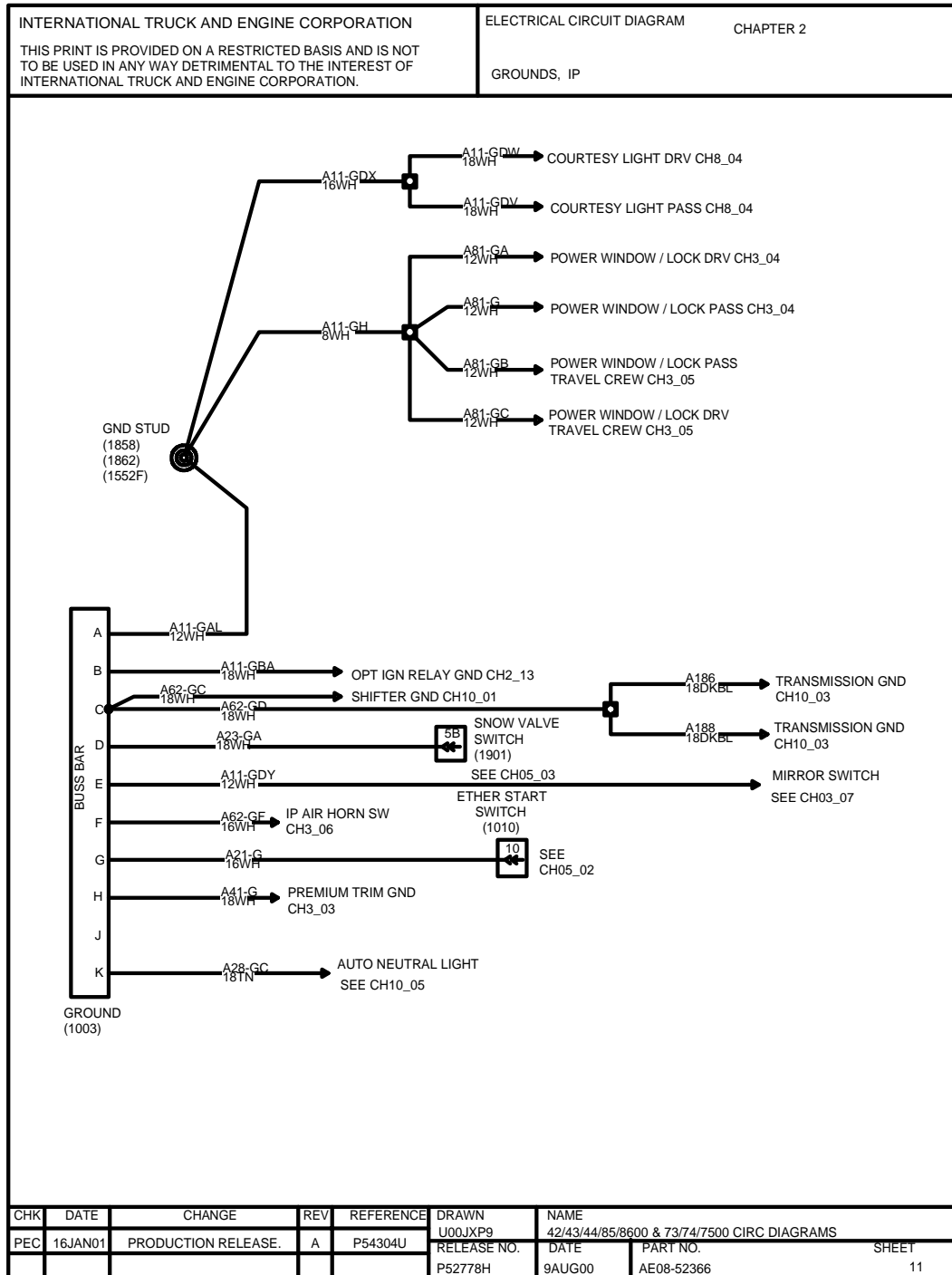


Figure 23 Grounds IP

2.12. IGNITION CAB, P. 12

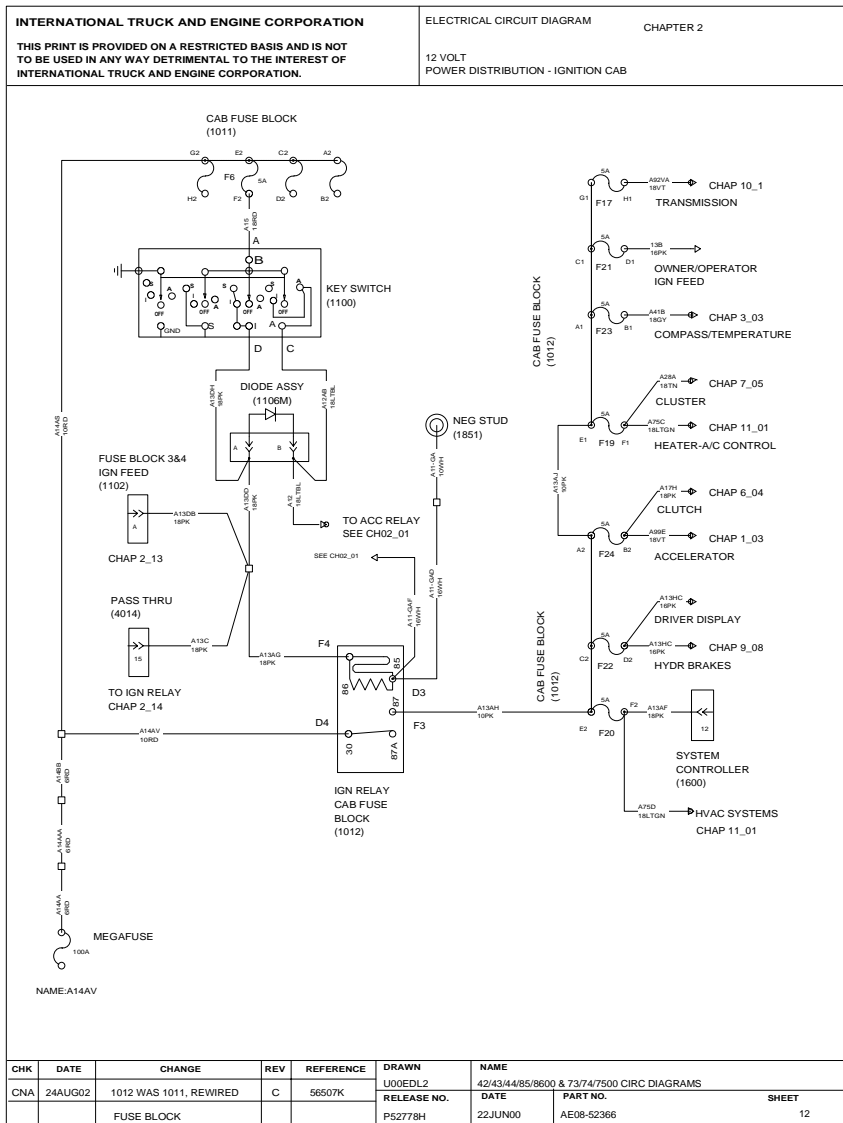


Figure 24 Ignition Cab

2.13. IGNITION CAB, P. 13

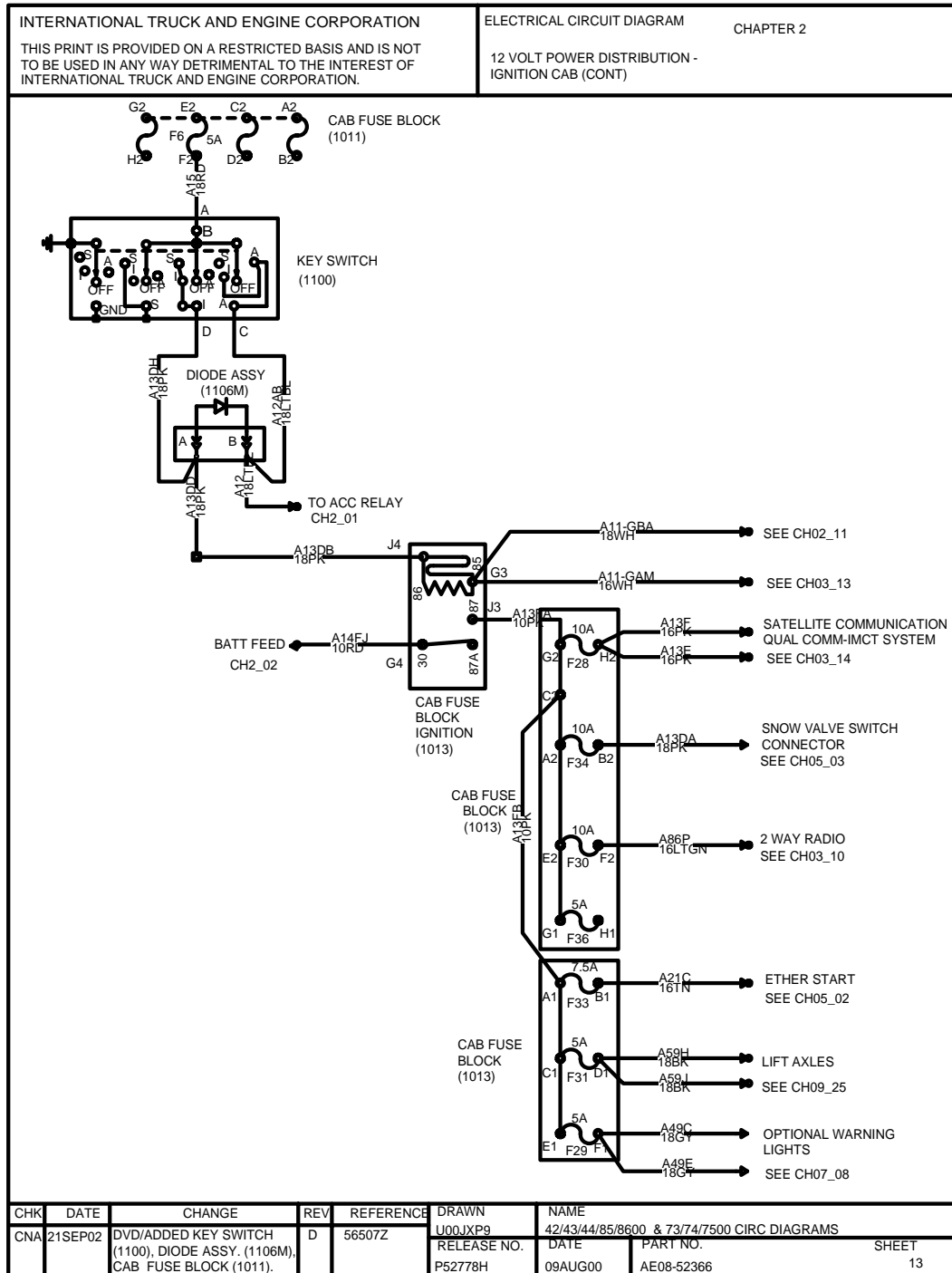


Figure 25 Ignition Cab (Cont.)

2.14. IGNITION FEEDS, CHASSIS, P. 14

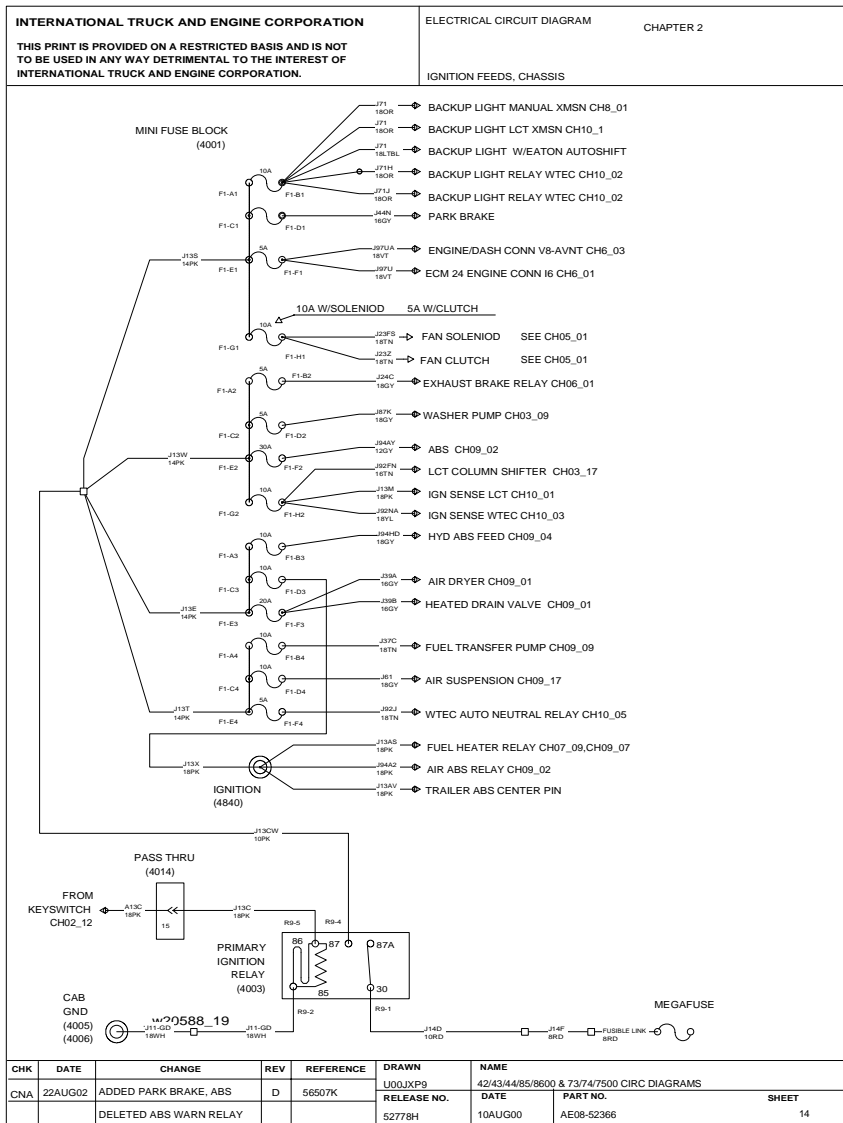


Figure 26 Ignition Feeds, Chassis

2.15. START, P. 15

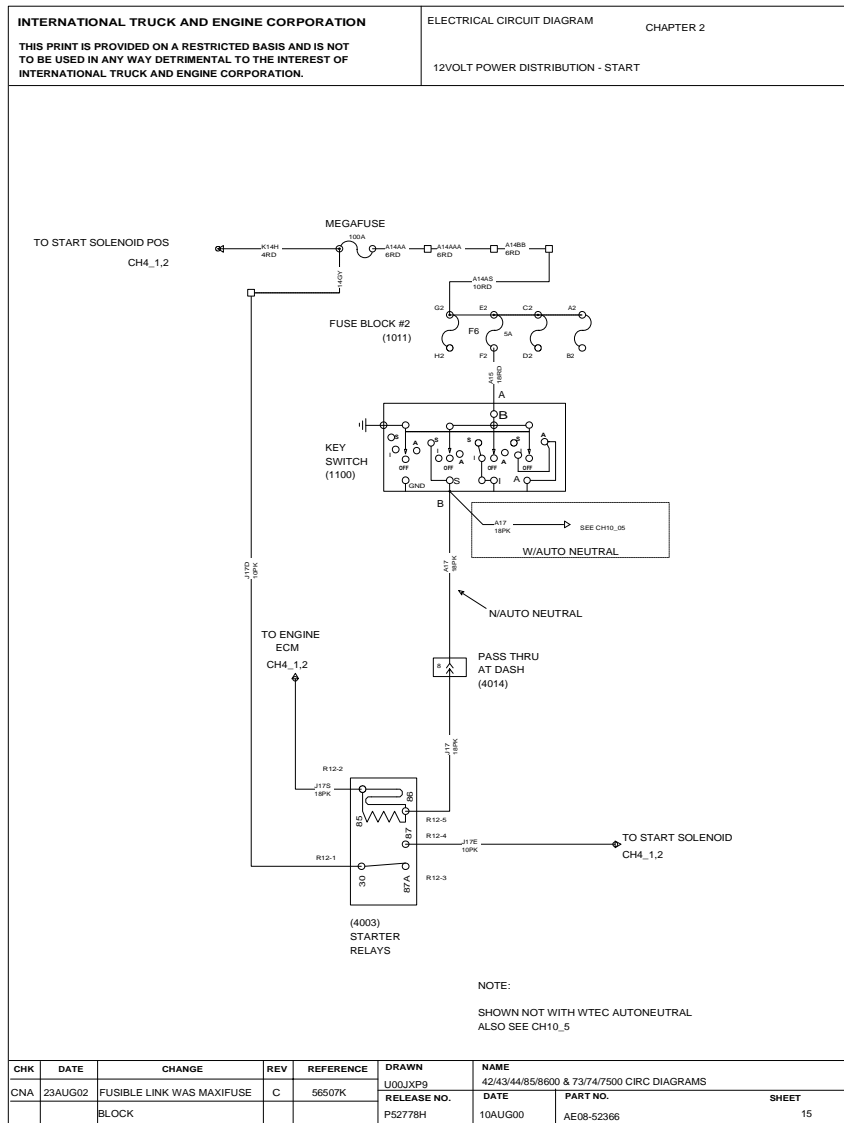


Figure 27 Start

3. CAB ACCESSORIES (CHAPTER 3)

3.1. CIGAR LIGHTER AND POWER FEEDS, P. 1

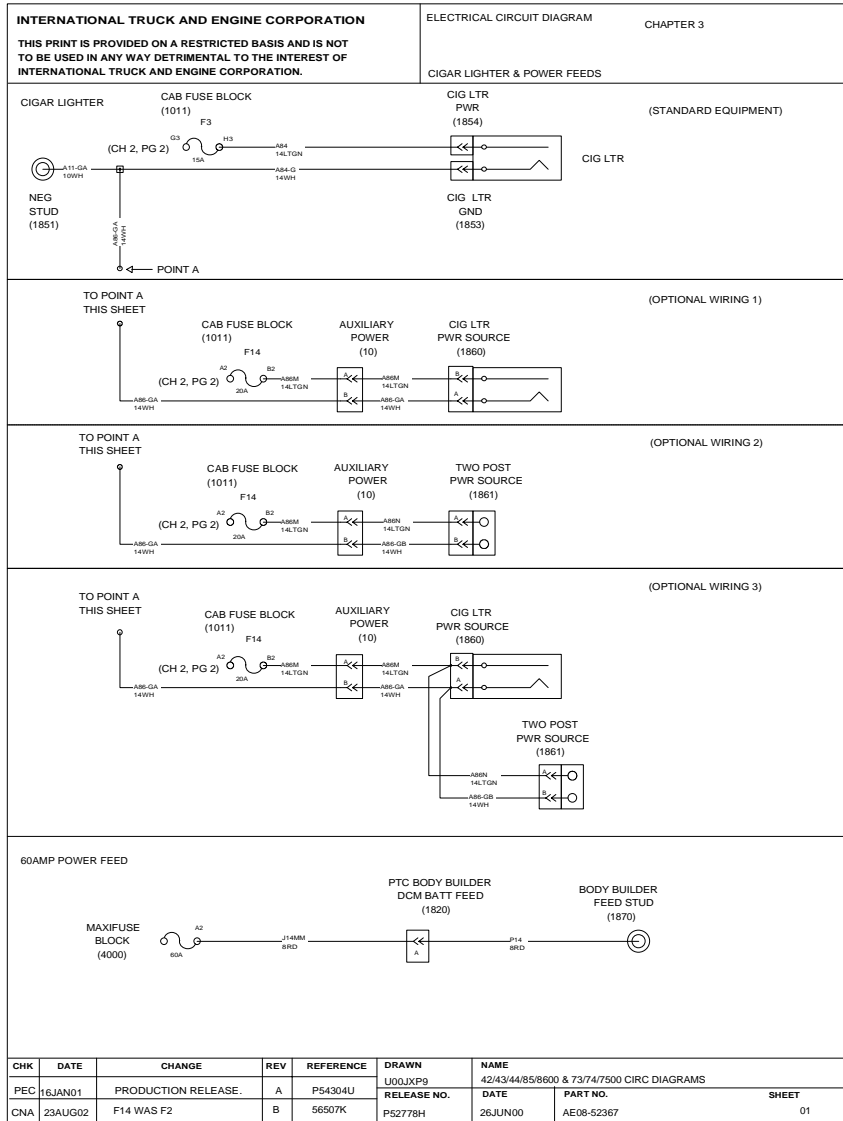


Figure 28 Cigar Lighter and Power Feeds

3.2. CB POWER, P. 2

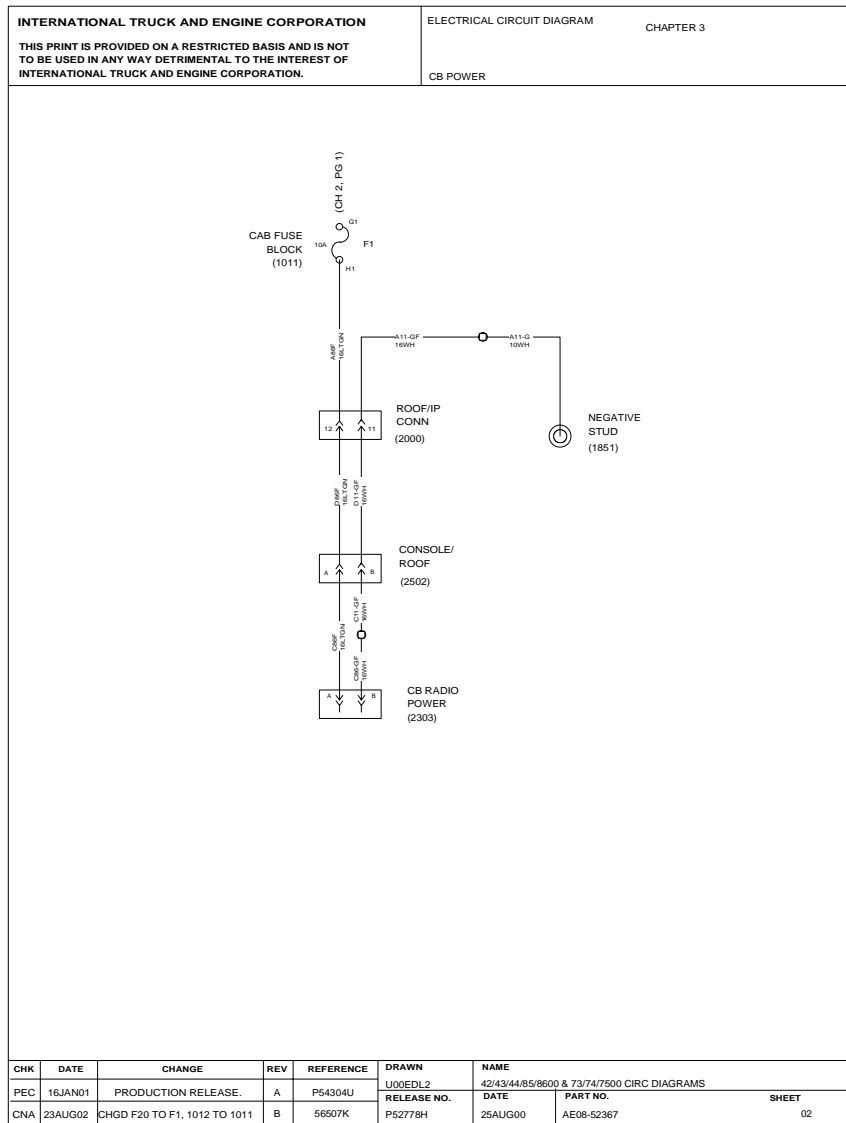


Figure 29 CB Power

3.3. COMPASS AND TEMPERATURE DISPLAY, P. 3

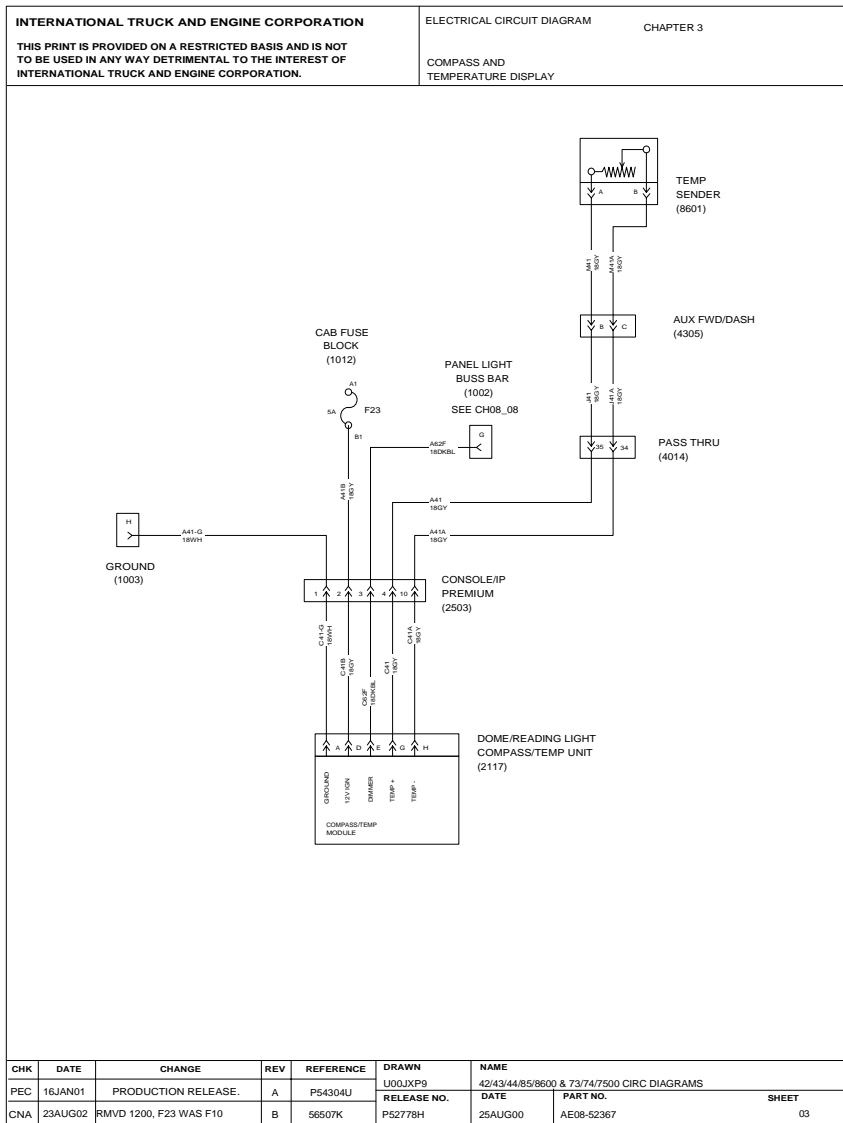


Figure 30 Compass and Temperature Display

3.4. FRONT DOORS WINDOWS AND LOCKS (POWER), P. 4

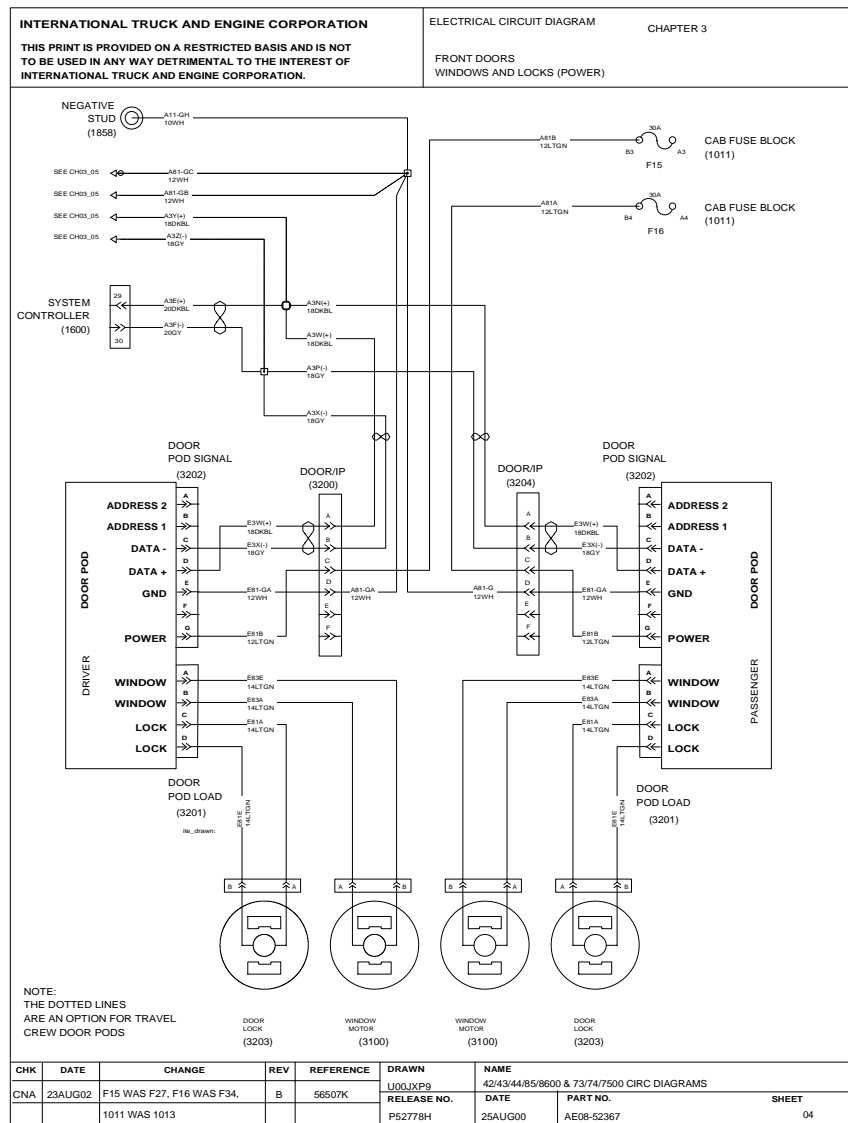


Figure 31 Front Doors Windows and Locks (Power)

3.5. CREW DOORS WINDOWS AND LOCKS (POWER), P. 5

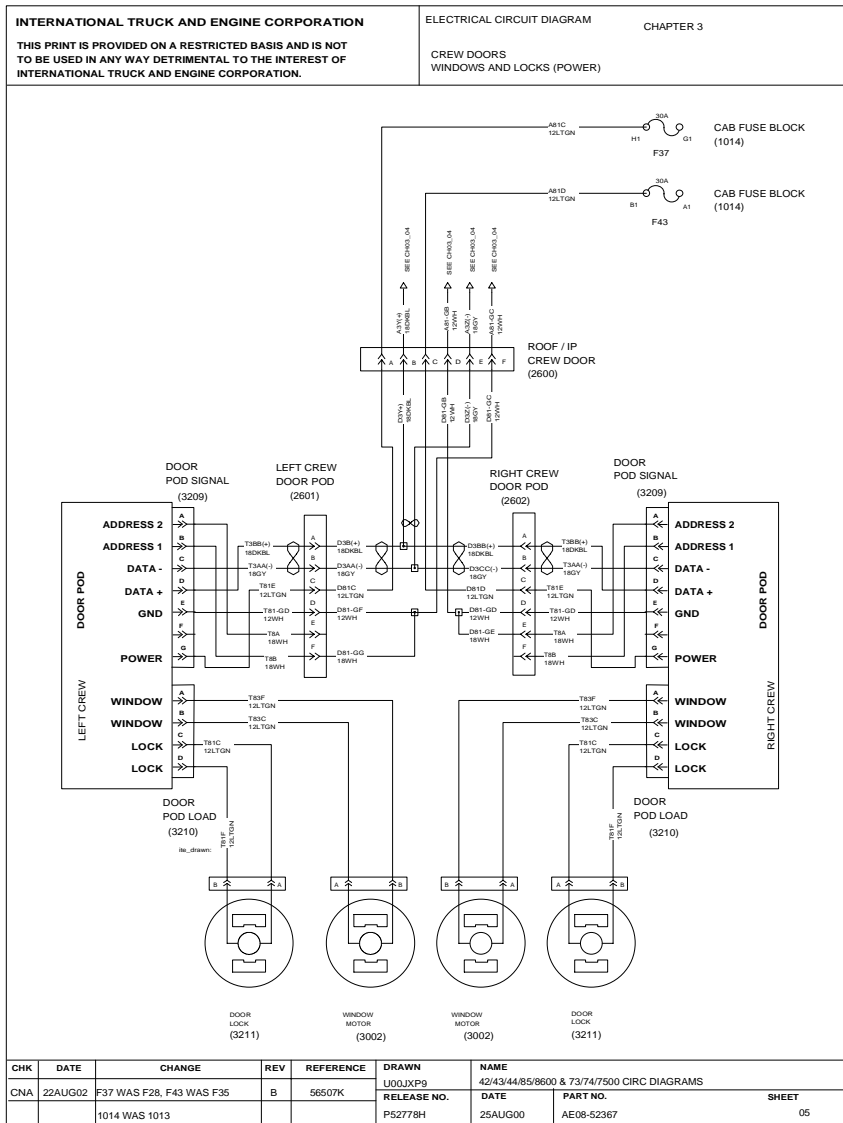


Figure 32 Crew Doors Windows and Locks (Power)

3.7. MIRRORS (HEATED, LIGHTED AND POWER), P. 7

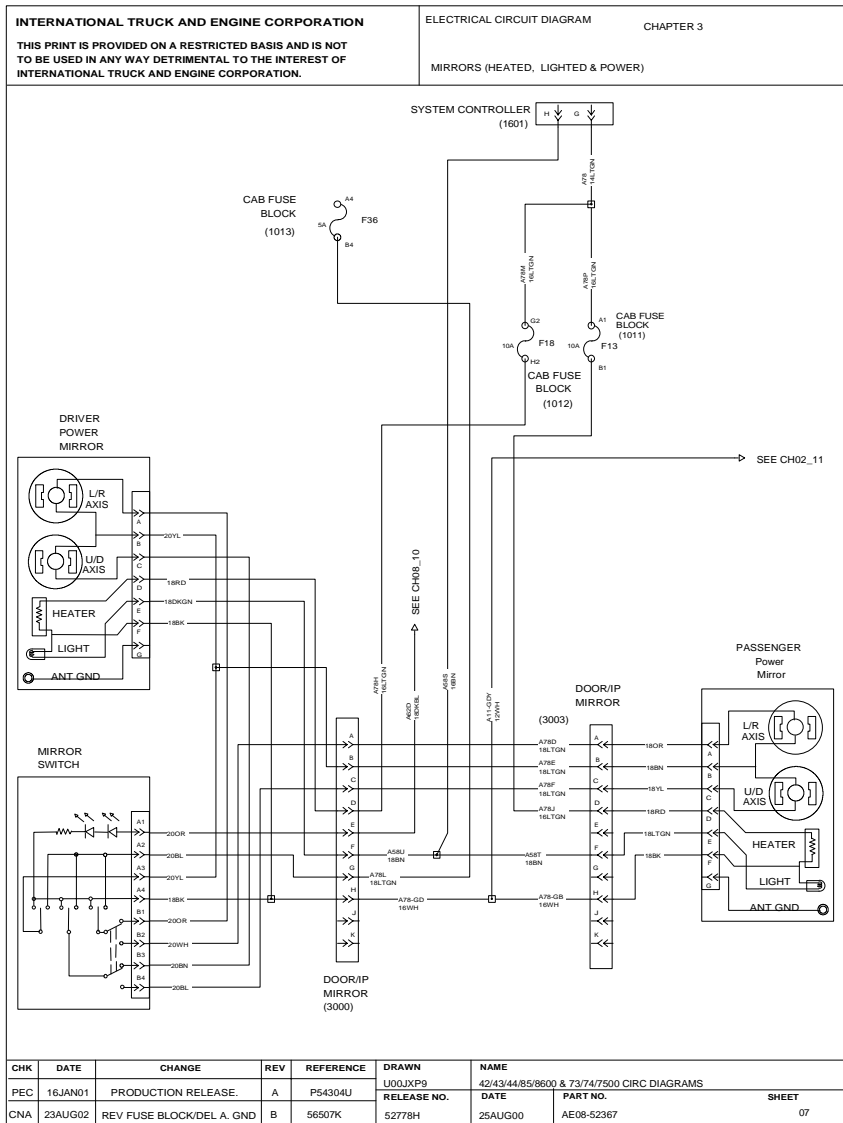


Figure 34 Mirrors (Heated, Lighted and Power)

3.8. RADIO (ENTERTAINMENT), SPEAKERS, P. 8

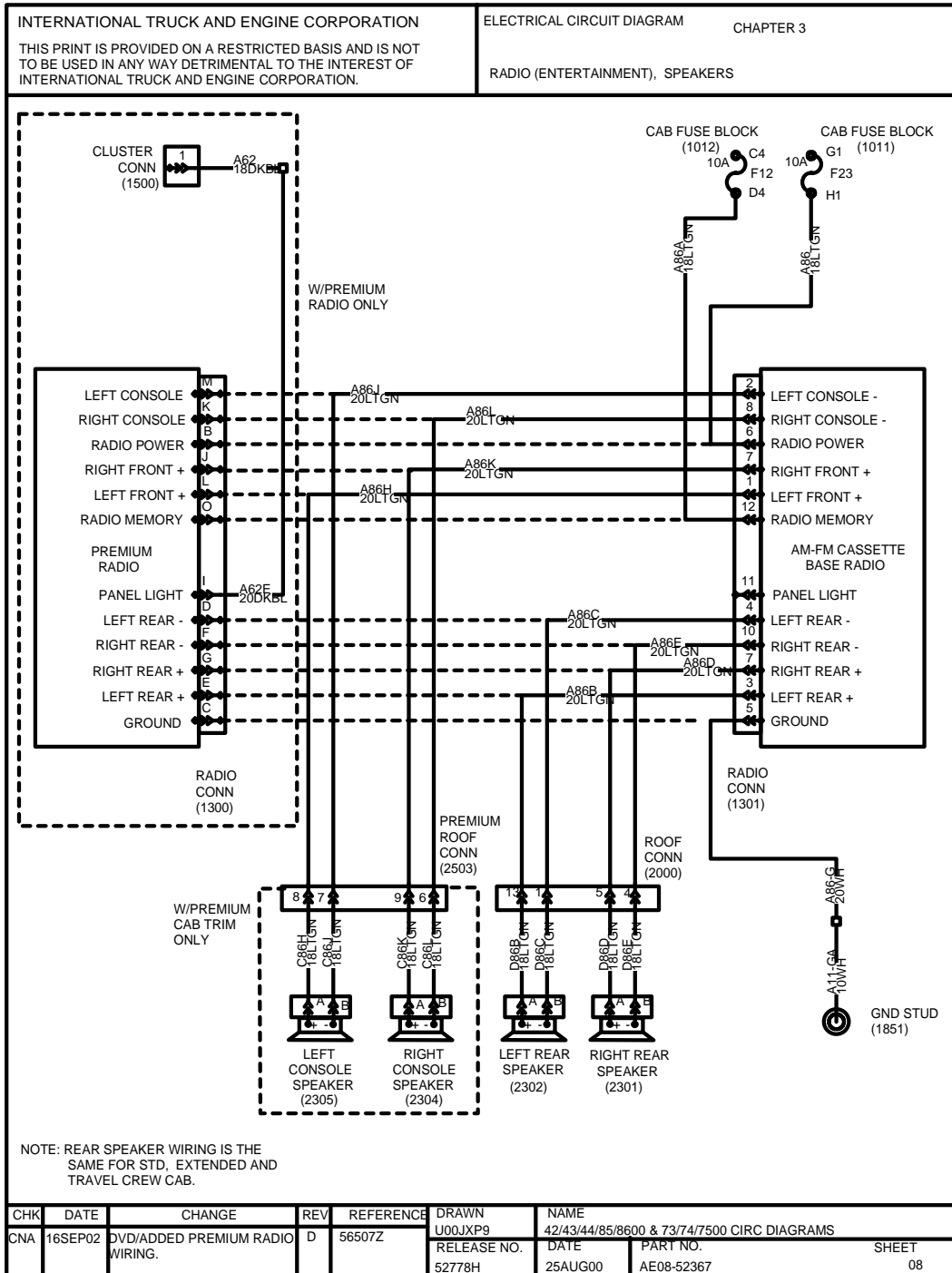


Figure 35 Radio (Entertainment), Speakers

3.9. WINDSHIELD WIPER AND WASHER PUMP, P. 9

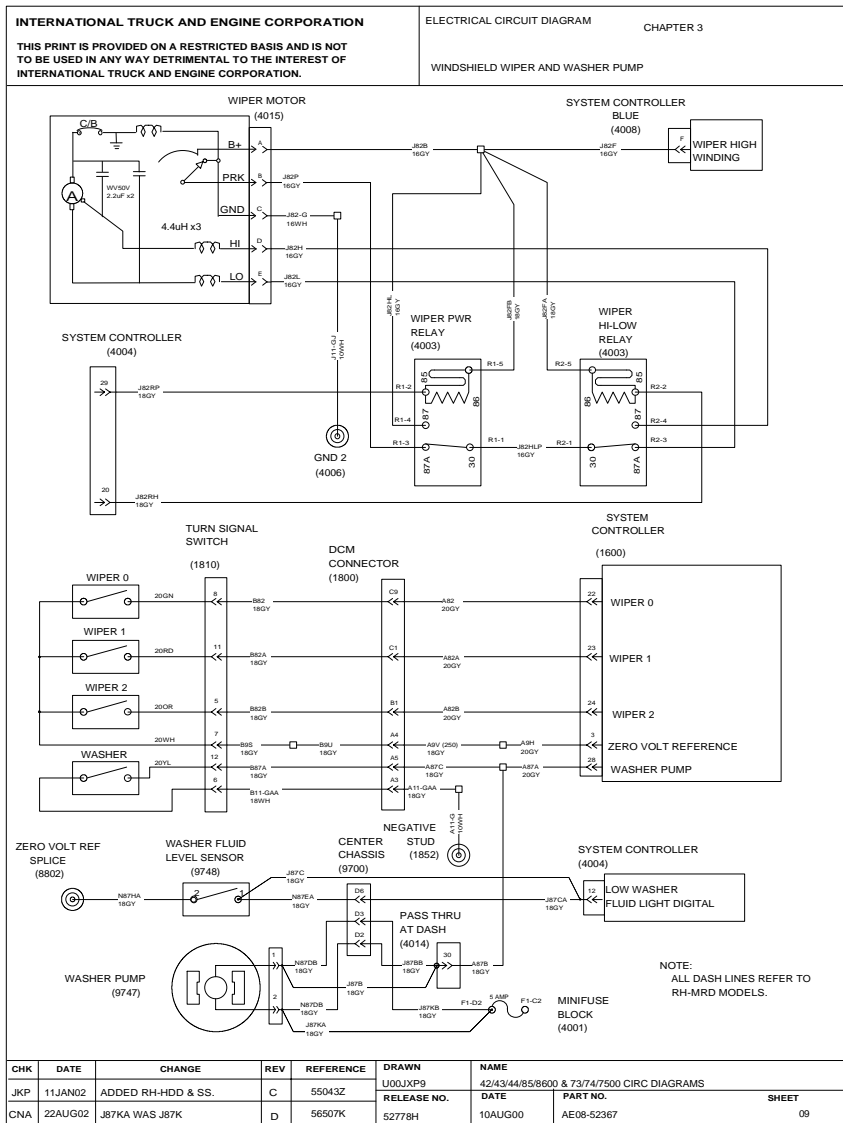


Figure 36 Windshield Wiper and Washer Pump

3.10. 2-WAY RADIO, P. 10

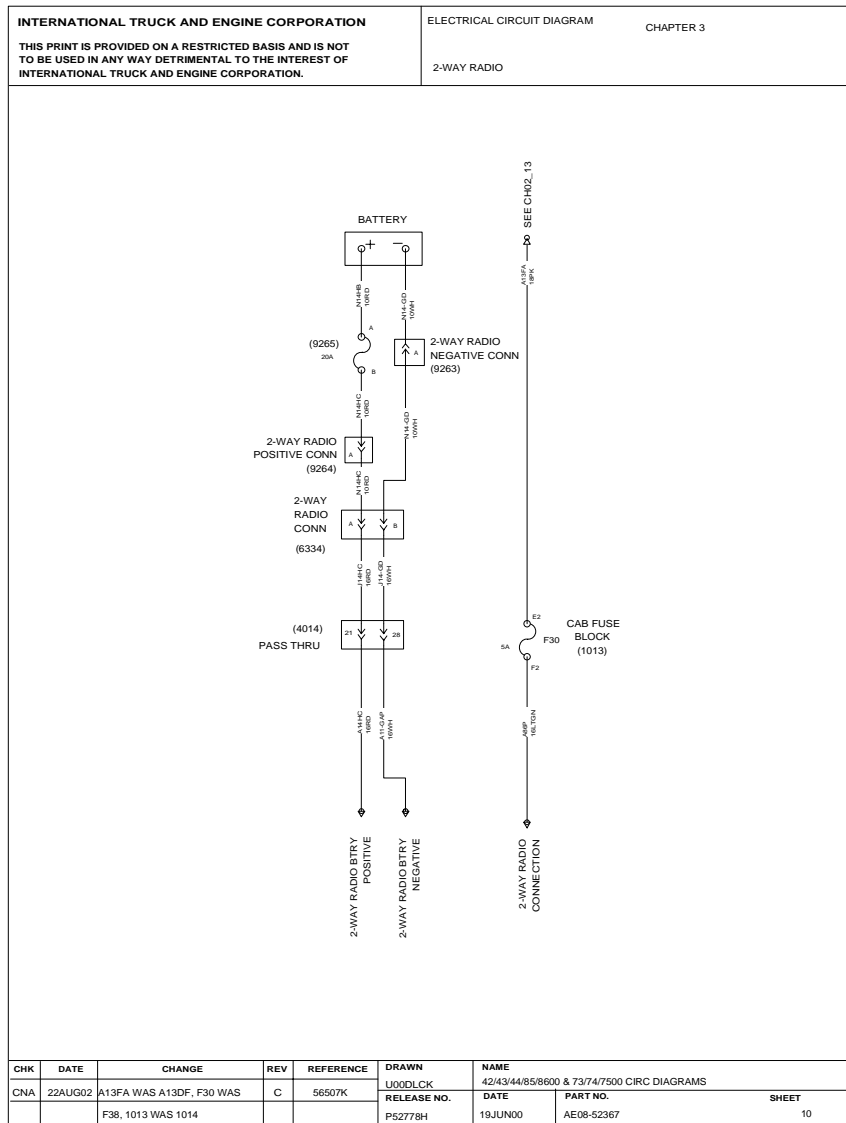


Figure 37 2-Way Radio

3.11. SWITCH PACK, OPTIONAL GAUGE PACK, P. 11

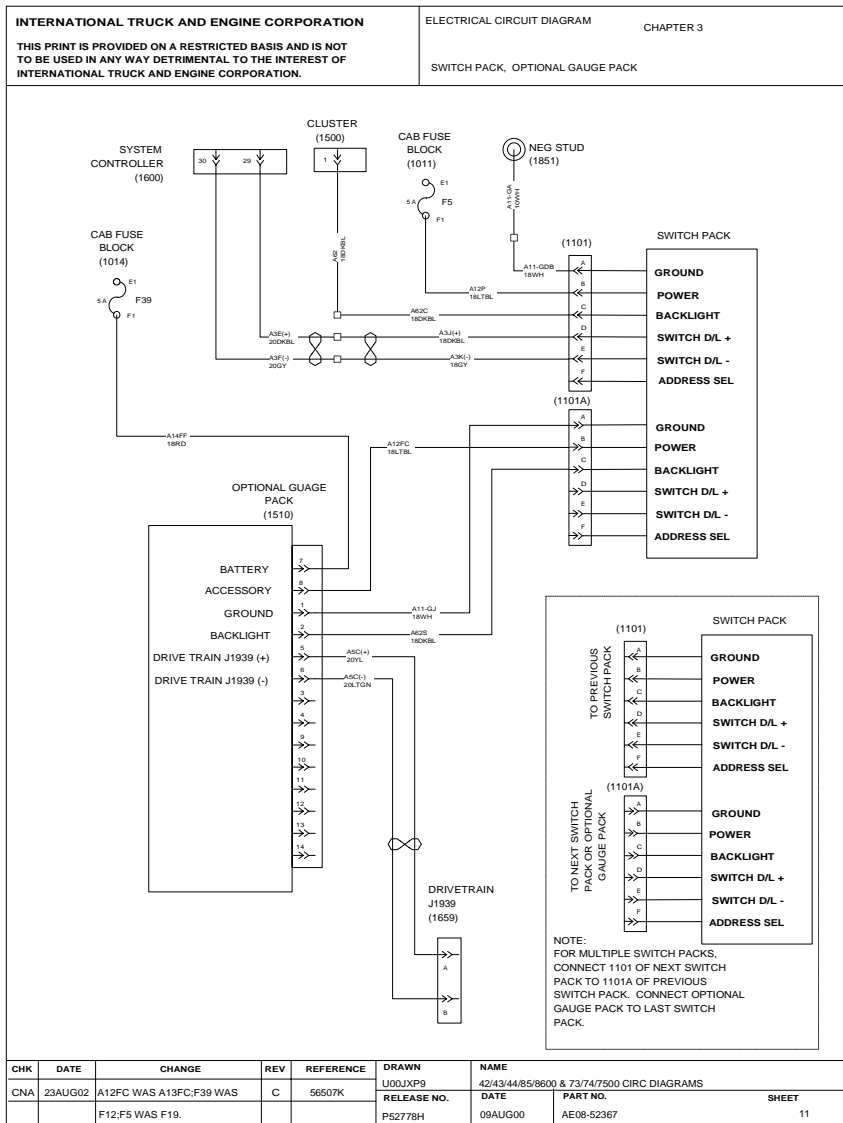


Figure 38 Switch Pack, Optional Gauge Pack

3.12. LIGHTED AIR SHIELD, P. 12

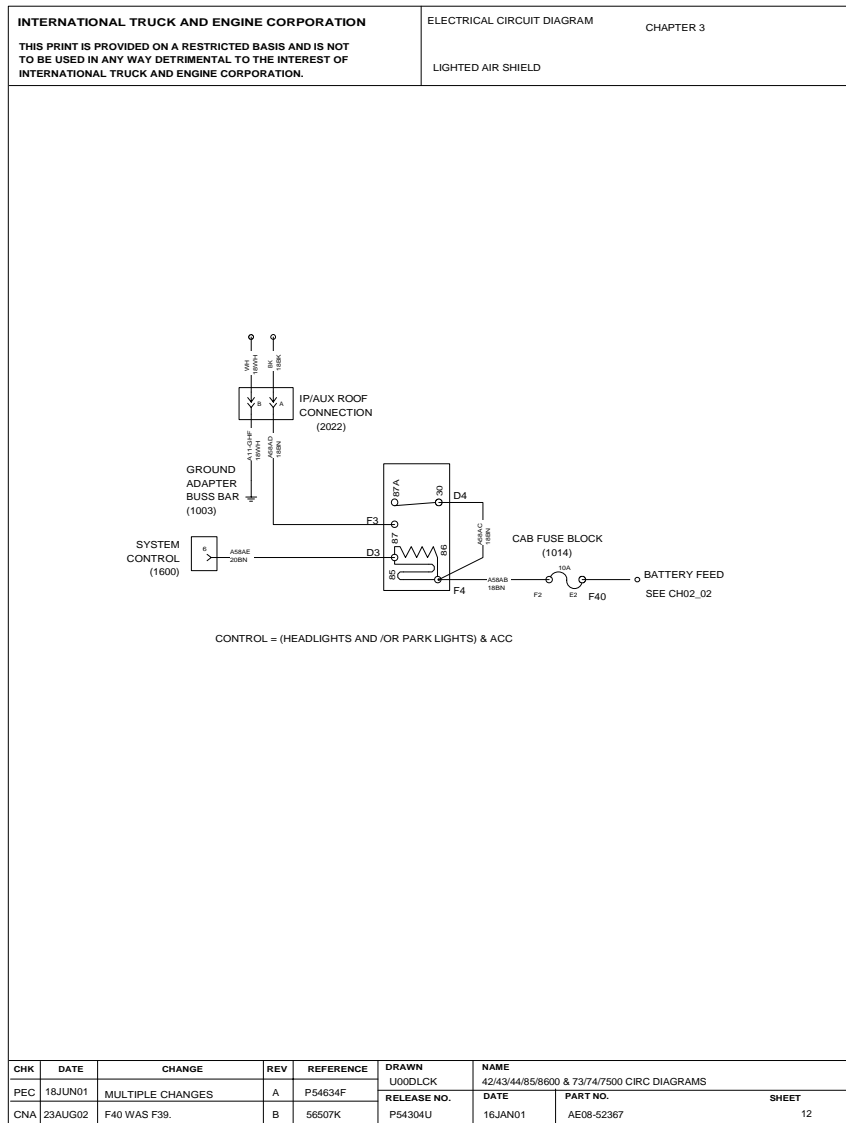


Figure 39 Lighted Air Shield

3.14. SATELLITE COMMUNICATION QUALCOMM-MCT AND IMCT SYSTEMS, P. 14

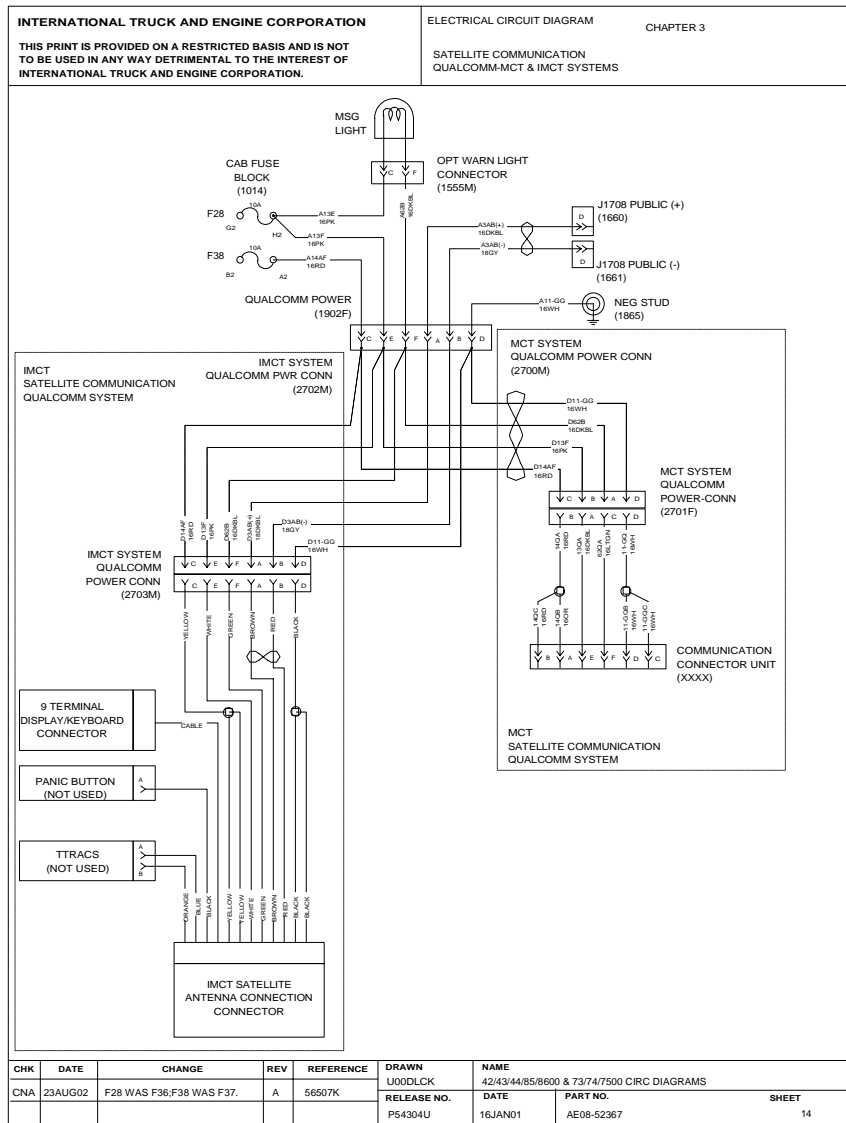


Figure 41 Satellite Communication Qualcomm-MCT and IMCT Systems

3.15. SELF CONTAINED AIR SEAT, P. 15

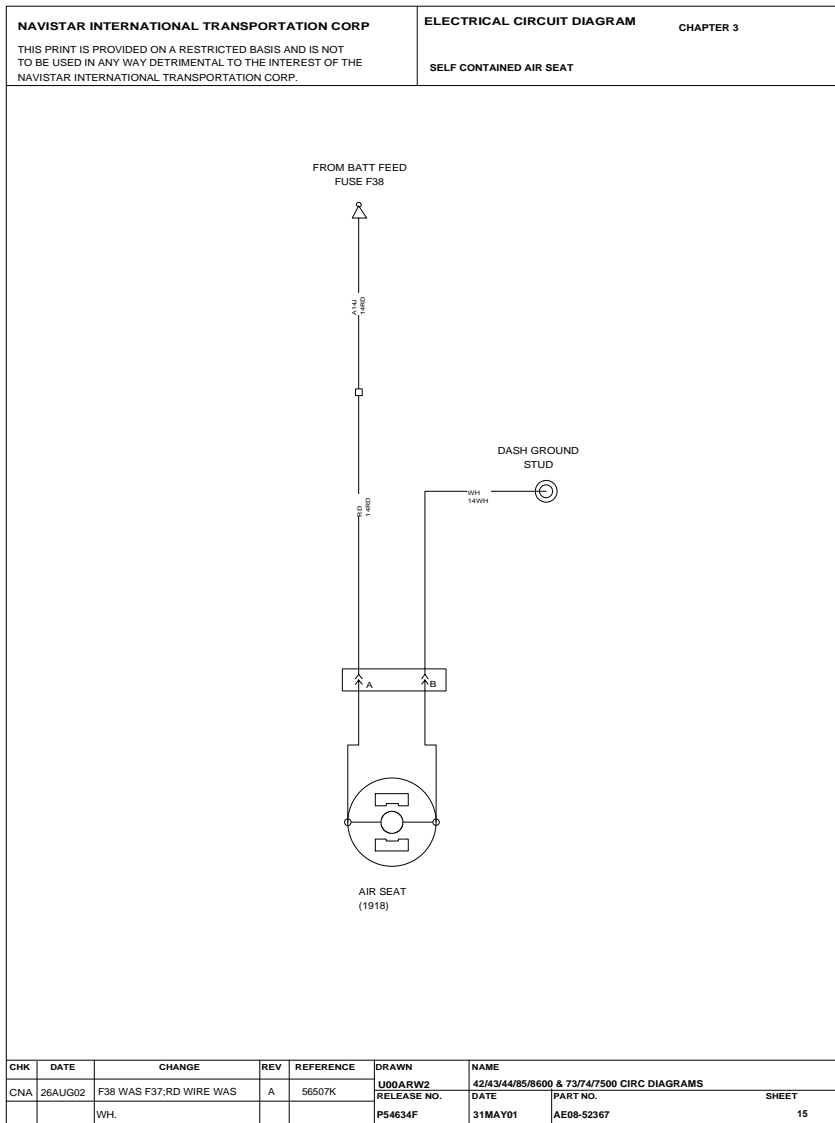


Figure 42 Self Contained Air Seat

3.16. DIGITAL CLOCK PTC, P. 16

| | | | | | | | |
|--|---------|-----------------------|-----|-----------|--|---|-------------|
| NAVISTAR INTERNATIONAL TRANSPORTATION CORP THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE NAVISTAR INTERNATIONAL TRANSPORTATION CORP. | | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 3 DIGITAL CLOCK PTC | | |
| GEOMETRY WAS REMOVED | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | |
| CNA | 26AUG02 | GEOMETRY WAS REMOVED. | A | 56507K | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | |
| | | | | | RELEASE NO. | DATE | PART NO. |
| | | | | | P54634F | 05MAY01 | AE08-52367 |
| | | | | | | | SHEET 16 |

Figure 43 Digital Clock PTC

3.17. TRANSMISSION ALLISON LCT COLUMN SHIFTER, P. 17

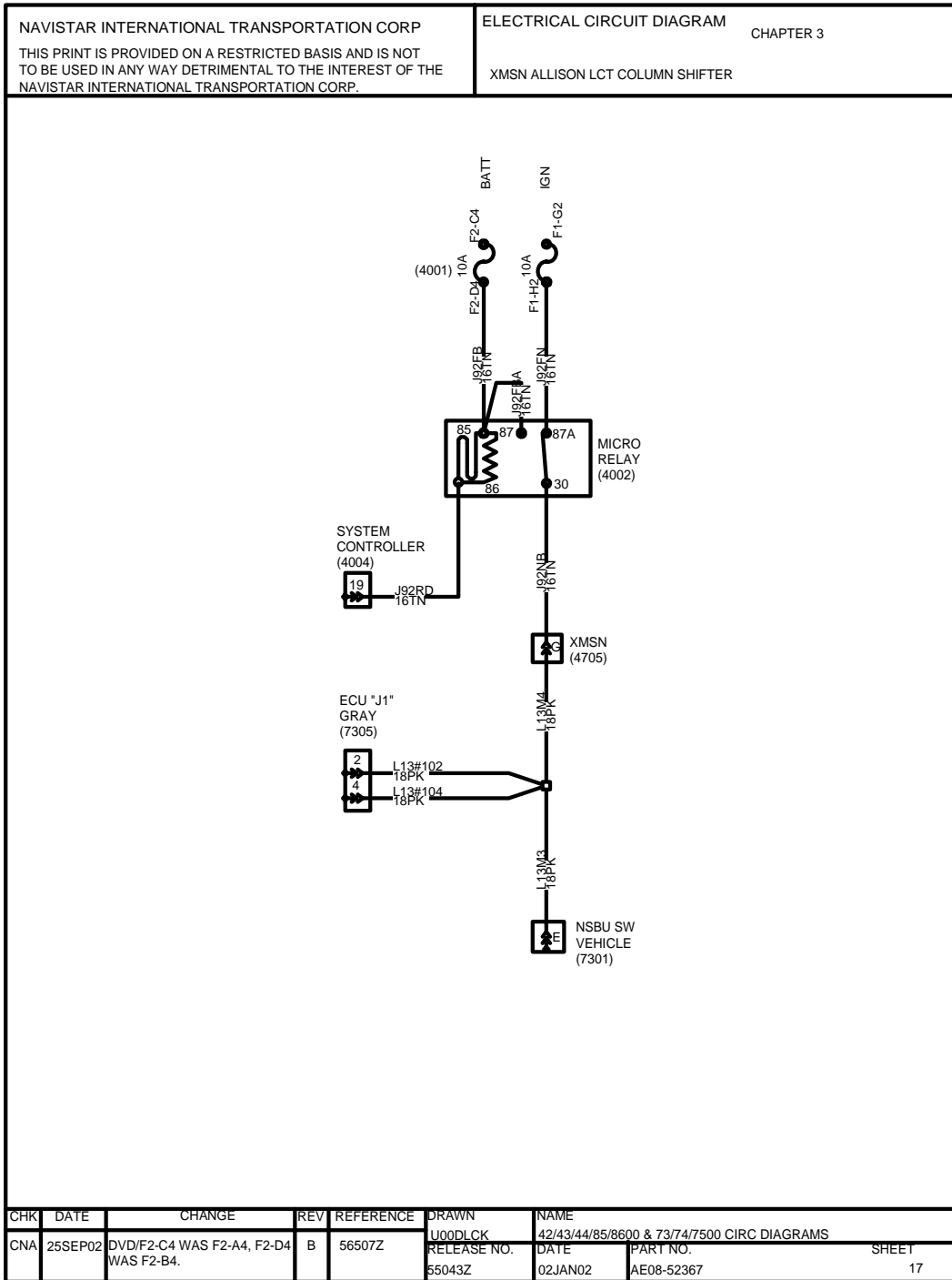


Figure 44 Transmission Allison LCT Column Shifter

4. 12V CHARGING + CRANKING SYSTEM (CHAPTER 4)

4.1. I6 HEUI ENGINES, P. 1

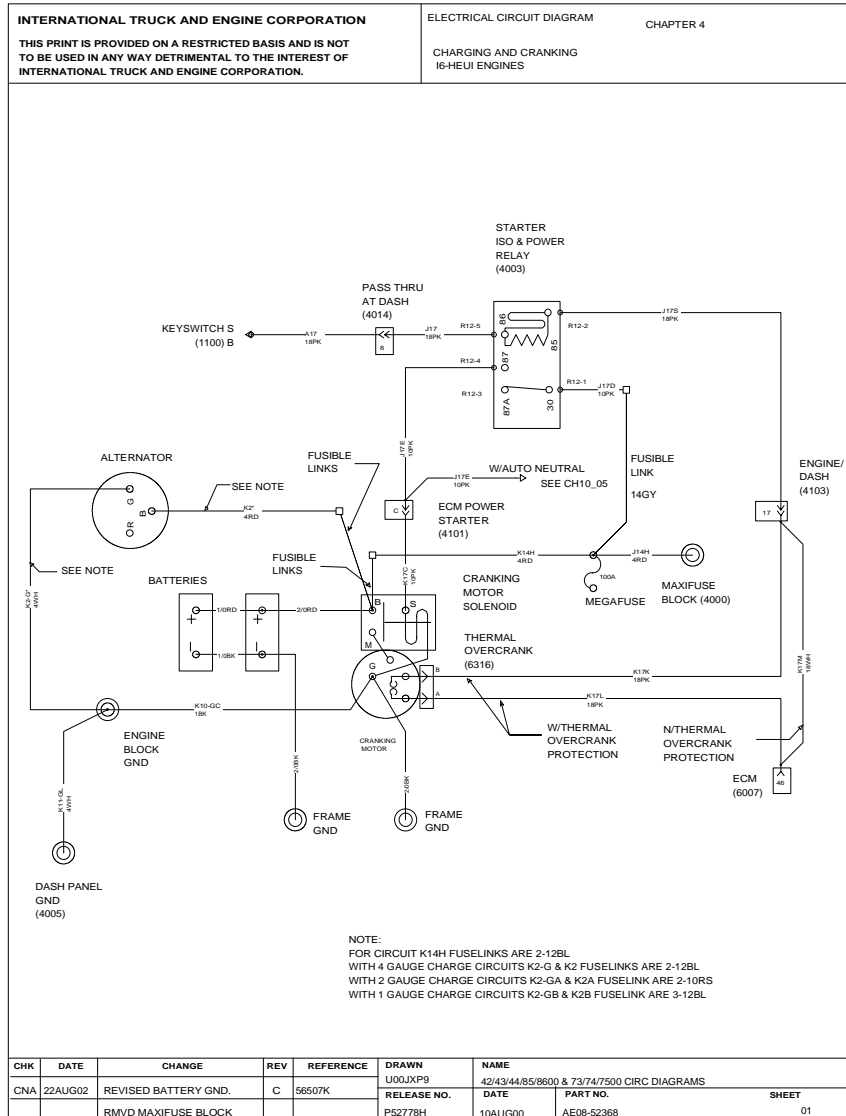


Figure 45 I6 HEUI Engines

4.2. V8 AVNT ENGINES, P. 2

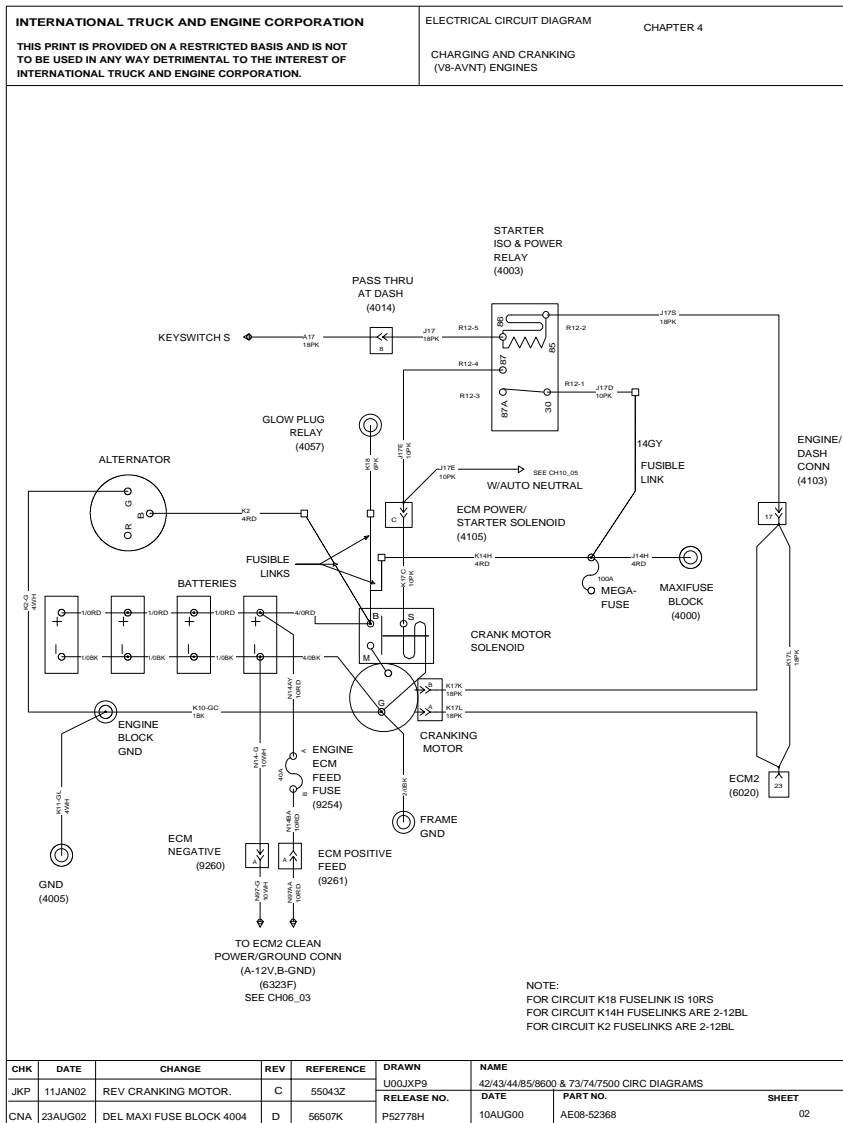


Figure 46 V8 AVNT Engines

4.3. CATERPILLAR ENGINES, P. 3

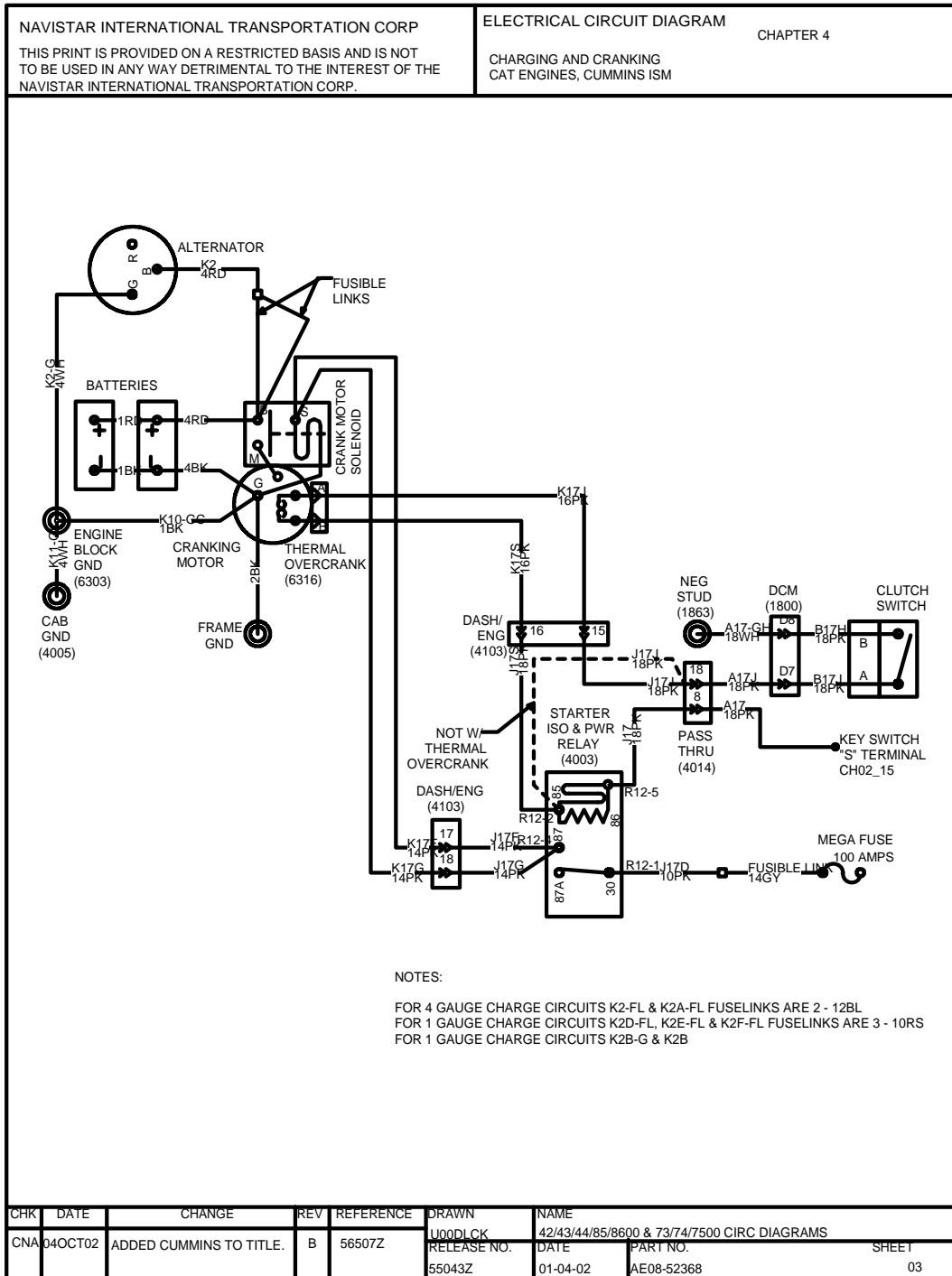


Figure 47 Caterpillar Engines

5. FANS AND ENGINE ACCESSORIES (CHAPTER 5)

5.1. FAN WIRING, P. 1

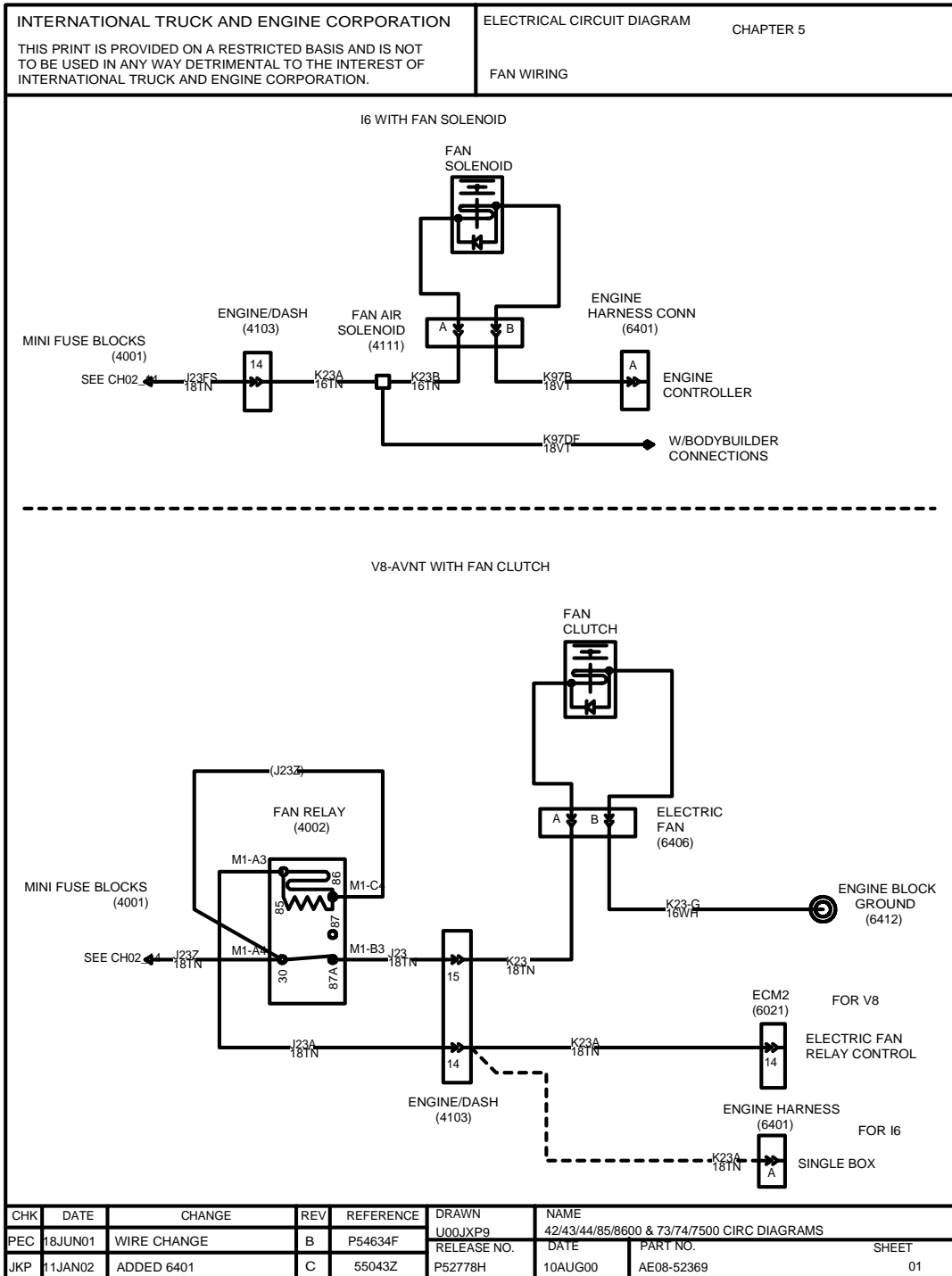


Figure 48 Fan Wiring

5.2. ETHER START, P. 2

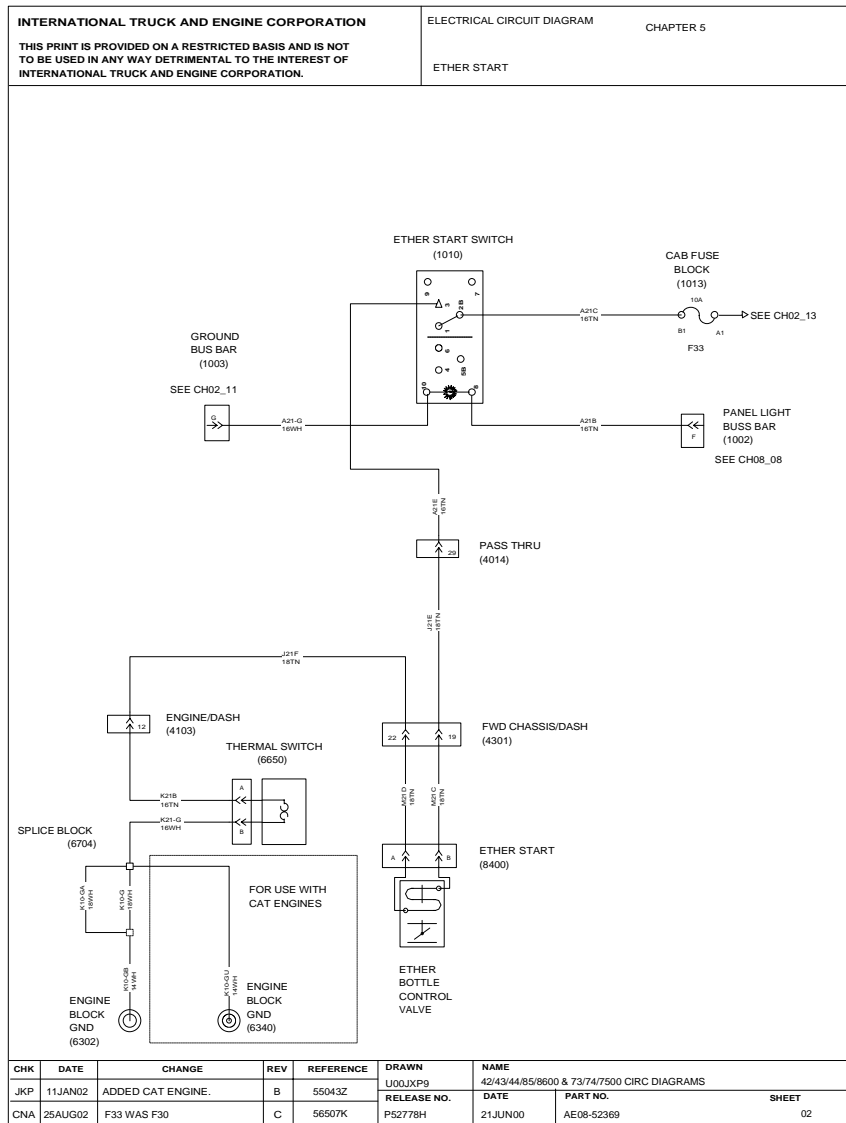


Figure 49 Ether Start

5.3. SNOW VALVE, P. 3

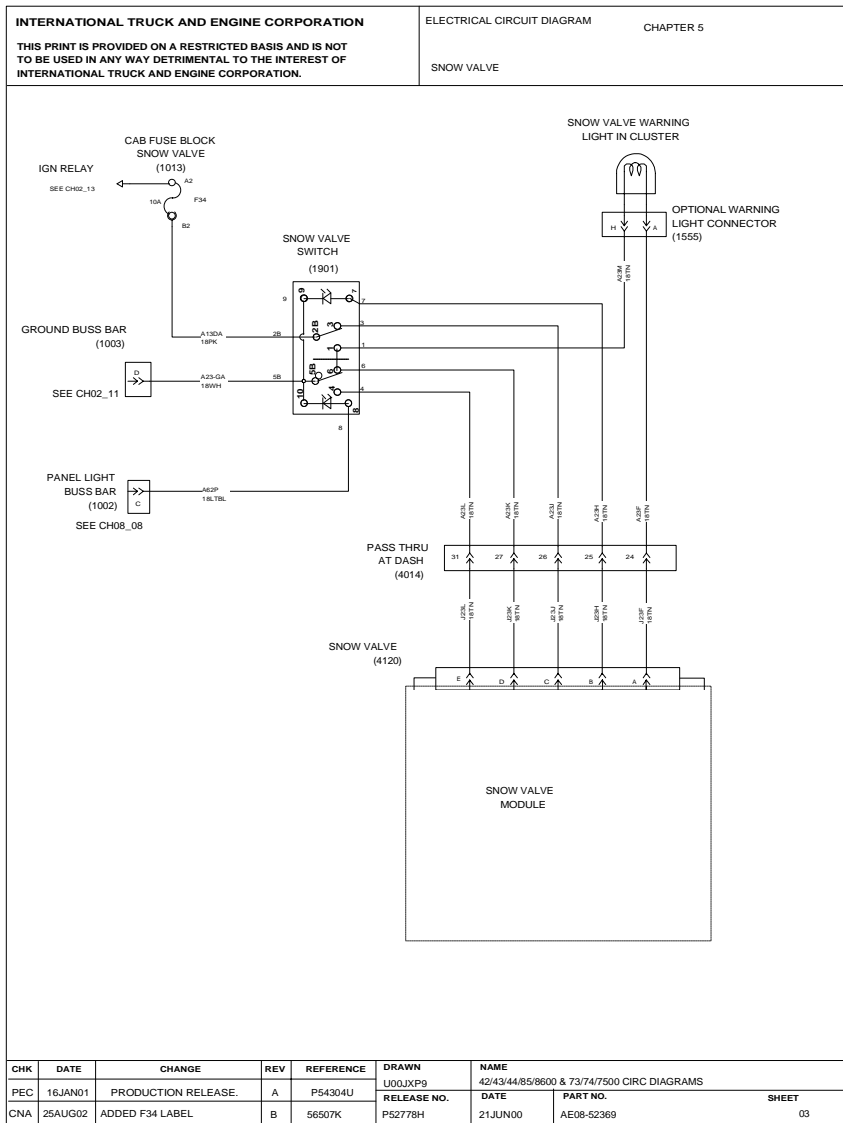


Figure 50 Snow Valve

5.4. FAN WIRING, CATERPILLAR AND CUMMINS, P. 4

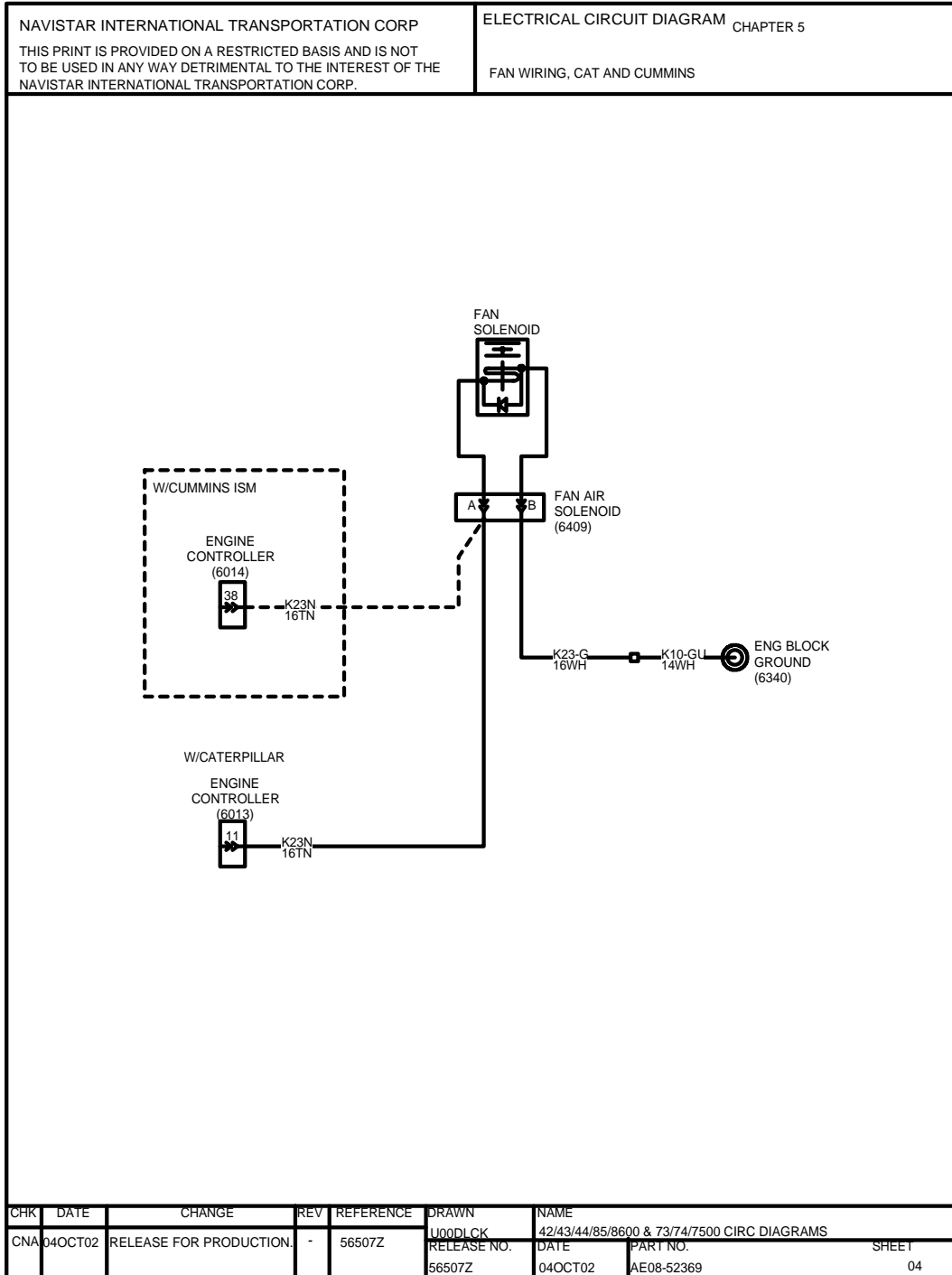


Figure 51 Fan Wiring, Caterpillar and Cummins

6.2. ELECTRONIC ENGINE CONTROLS, I6-HEUI ENGINE CRUISE CONTROL AND BODY BUILDER CONNECTIONS, P. 2

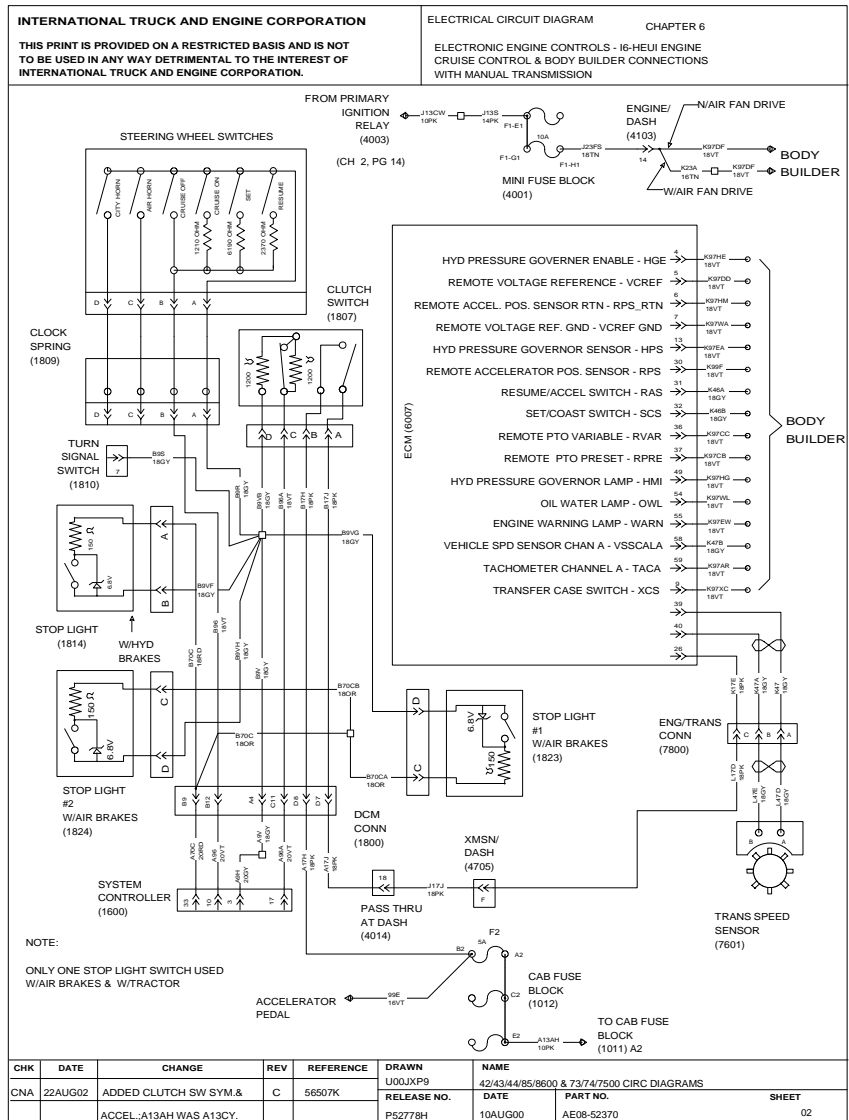


Figure 53 Electronic Engine Controls, I6-HEUI Engine Cruise Control and Body Builder Connections

6.3. ELECTRONIC ENGINE CONTROLS, (V8-AVNT) ENGINES, P. 3

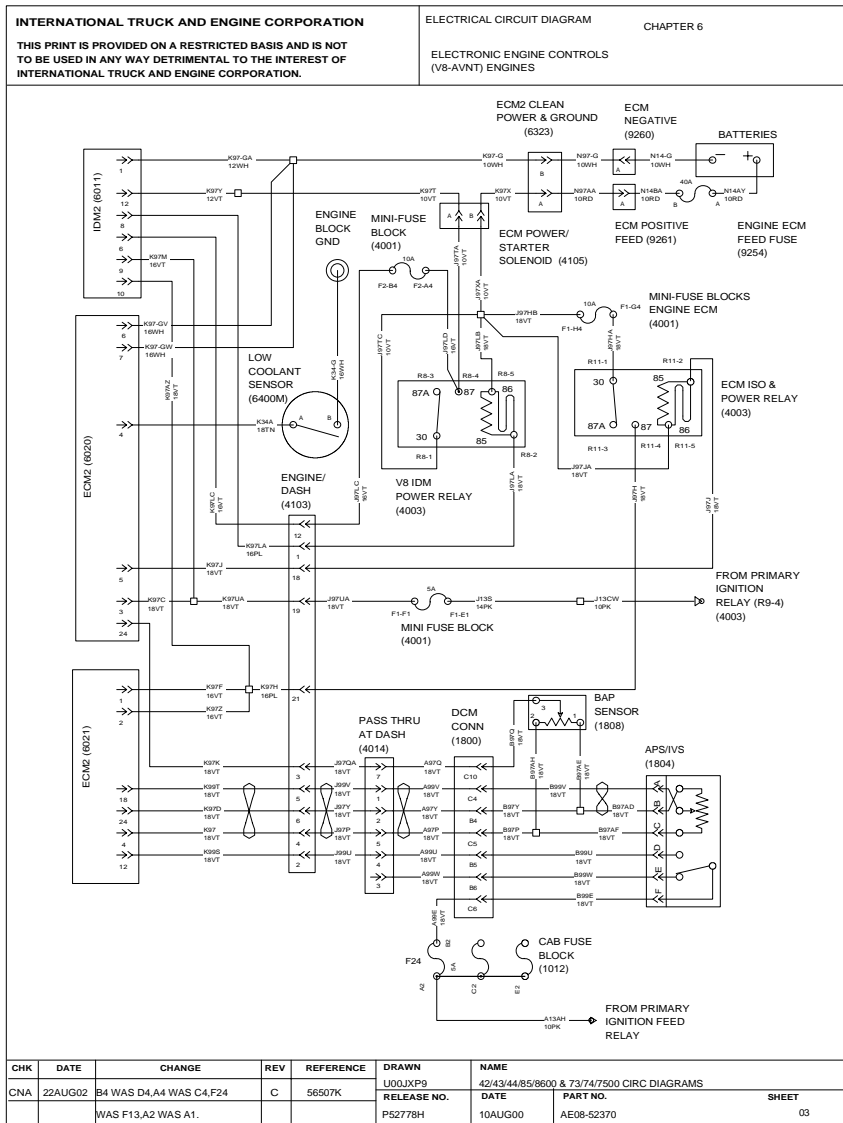


Figure 54 Electronic Engine Controls, (V8-AVNT) Engines

6.4. ELECTRONIC ENGINE CONTROLS, V8-AVNT ENGINE CRUISE CONTROL AND BODY BUILDER CONNECTIONS, P. 4

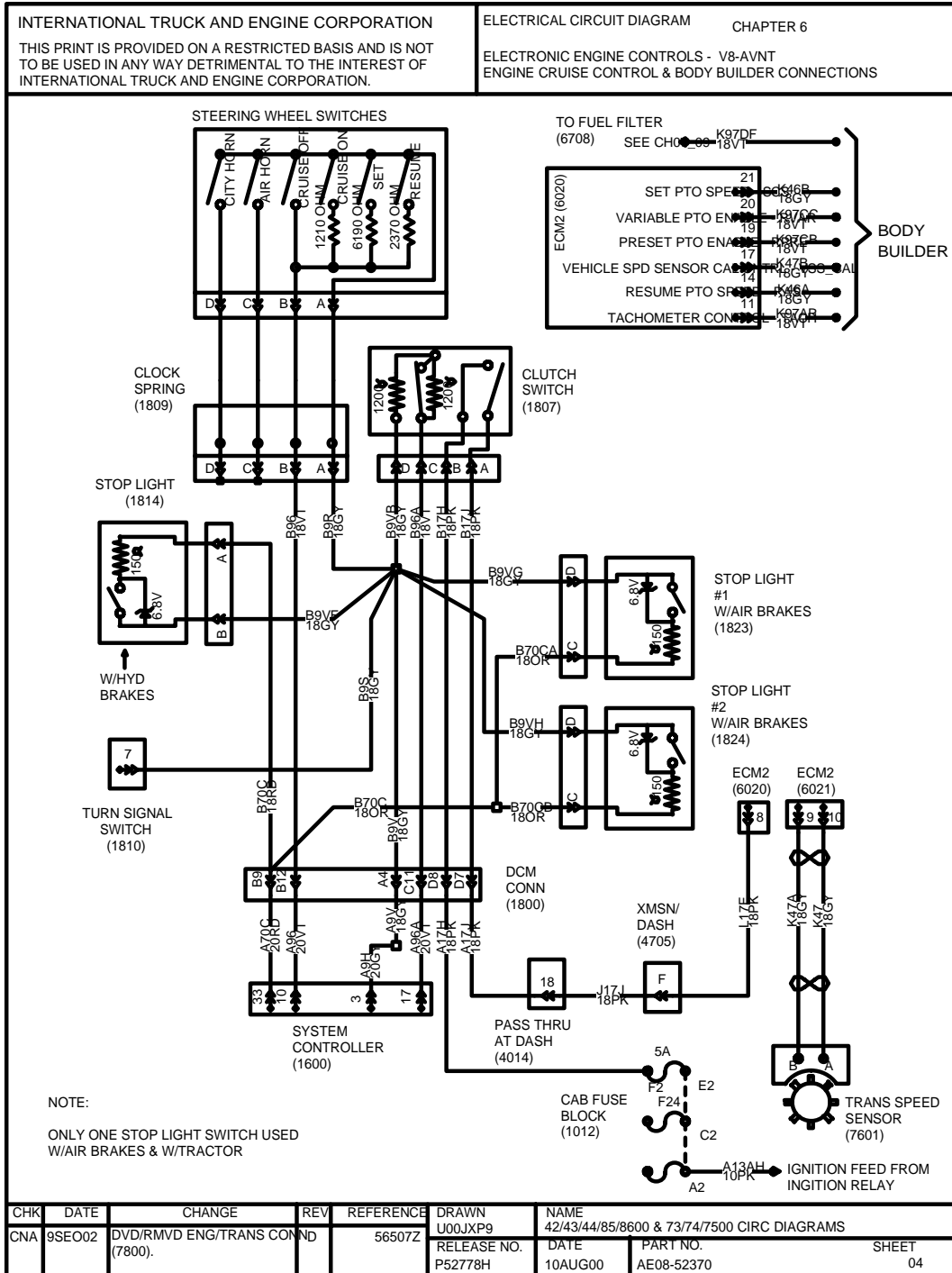


Figure 55 Electronic Engine Controls, V8-AVNT Engine Cruise Control and Body Builder Connections

6.5. CATERPILLAR C10 AND C12 ENGINES, P. 5

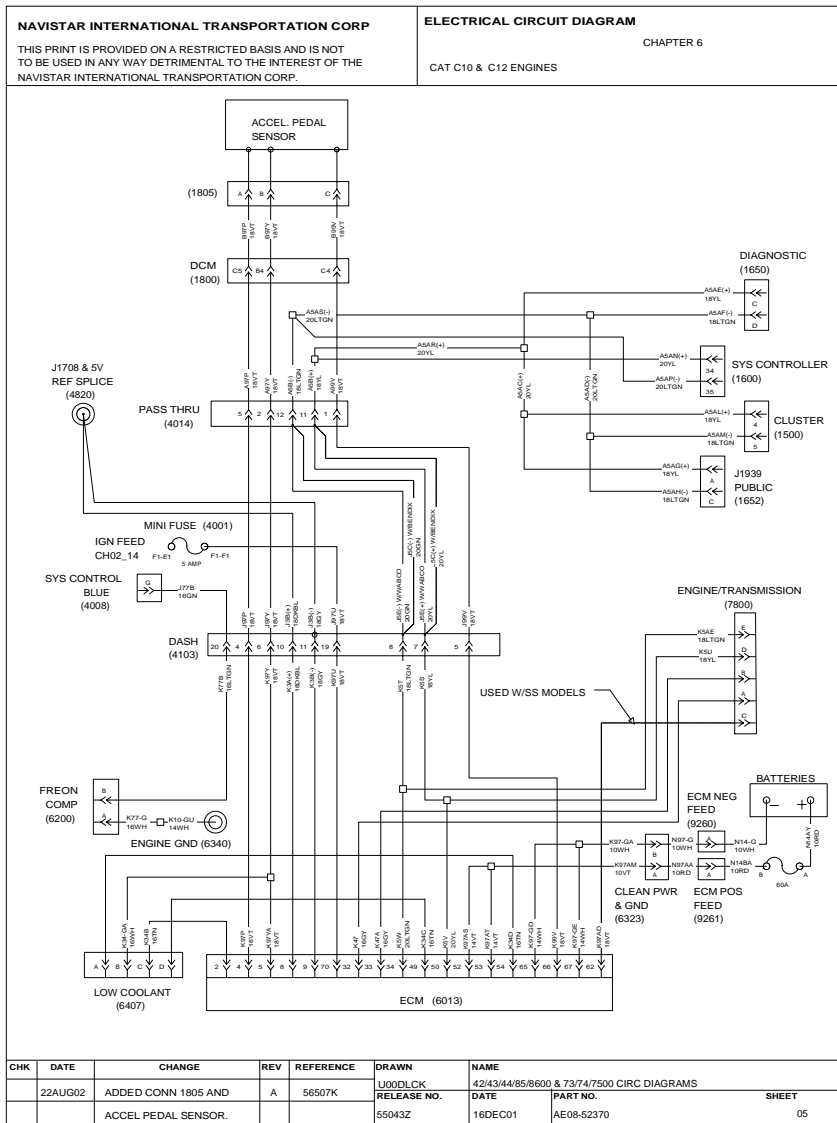


Figure 56 Caterpillar C10 and C12 Engines

6.6. CUMMINS ISM ENGINE, P. 6

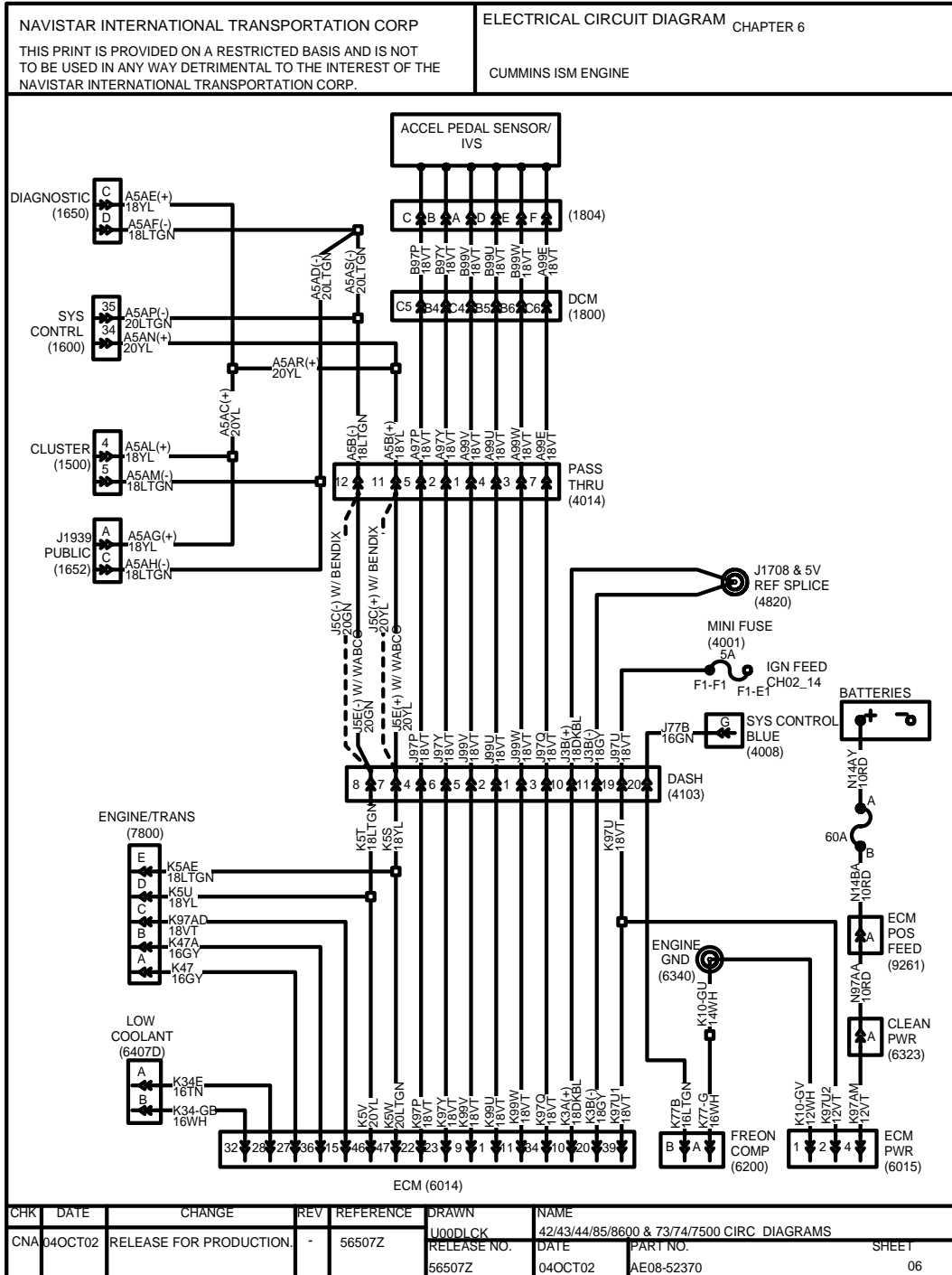


Figure 57 Cummins Engine

7.2. WARNING LIGHT LIST, P. 2

| 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. | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 7 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 (P) | SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER | SWITCH | |
| BRAKE FLUID | SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER | BRK RESEVOIR | |
| 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 PROTEC | 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 | | |
| TOUCHLOC RELEASE | DISCRETE NOT ON DATA BUS | | |
| PARK FLUID | SYSTEM CTRLR/DRIVE TRAIN | | |
| CHK | DATE | CHANGE | REV |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A |
| | | | |
| REFERENCE | DRAWN | NAME | |
| P54304U | U00JXP9 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | |
| | RELEASE NO. | DATE | PART NO. |
| | P52778H | 09AUG00 | AE08-52371 |
| | | | SHEET 02 |

Figure 59 Warning Light List

7.3. WARNING LIGHTS CONTROLLED BY ENGINE, TRANSMISSION, ABS CONTROLLER, P. 3

| | | | | | | |
|---|--|---------------------|-----|-----------|-------------|---|
| 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. | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 7 WARNING LIGHTS CONTROLLED BY ENGINE, TRANSMISSION, ABS CONTROLLER | | | | | |
| <p>THE FOLLOWING WARNING LIGHTS ARE CONTROLLED BY THE ENGINE, TRANSMISSION, OR ABS CONTROLLER OVER THE DATA BUS AND DO NOT HAVE INDEPENDENT CIRCUITRY THAT CAN BE OR NEEDS TO BE SHOWN:</p> <p>RANGE INHIBIT</p> <p>ENGINE (YELLOW LED)</p> <p>ENGINE (RED LED)</p> <p>TRAC CTRL</p> <p>CHECK TRANS</p> <p>TRAILER ABS</p> <p>CHECK ELECTR SYS</p> <p>ABS</p> <p>WAIT TO START</p> <p>RETARD OVERHEAT</p> <p>AUTO NEUTRAL (NOT ON DATA BUS TO CLUSTER)</p> <p>OPTIMIZED IDLE (NOT ON DATA BUS TO CLUSTER)</p> | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00JXP9 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS |
| | | | | | RELEASE NO. | DATE |
| | | | | | P52778H | 20JUN00 |
| | | | | | | PART NO. |
| | | | | | | AE08-52371 |
| | | | | | | SHEET |
| | | | | | | 03 |

Figure 60 Warning Lights Controlled by Engine, Transmission, ABS Controller

7.4. ENGINE OIL PRESSURE AND TEMP, SPEEDOMETER, TACH, VOLTMETER AND WATER TEMP GAUGE CIRCUITS, P. 4

| | | | | | | | |
|---|---------|---------------------|-----|--|-------------|---|------------|
| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 7 | | | |
| 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. | | | | ENG OIL PRESS & TEMP, SPEEDOMETER, TACH, VOLTMETER & WATER TEMP GAUGE CIRCUITS | | | |
| <p>REFER TO CONSOLIDATED ENGINE/VEHICLE CONTROLLER DIAGNOSTICS MANUAL EGES-175 (DT466), EGES-190 (V8-AVNT), FOR CIRCUIT DIAGRAMS SHOWING INPUT CIRCUITRY FOR THE FOLLOWING DATALINK DRIVEN SYSTEM:</p> <p>ENGINE OIL PRESSURE GAUGE</p> <p>ENGINE OIL TEMPERATURE GAUGE</p> <p>SPEEDOMETER GAUGE</p> <p>TACHOMETER GAUGE</p> <p>WATER TEMPERATURE GAUGE</p> | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00JXP9 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | |
| | | | | | RELEASE NO. | DATE | PART NO. |
| | | | | | P52778H | 20JUN00 | AE08-52371 |
| | | | | | | | SHEET 04 |

Figure 61 Engine Oil Pressure and Temp, Speedometer, Tach, Voltmeter and Water Temp Gauge Circuits

7.5. IP/GAUGES AND WARNING LIGHTS — GAUGE CLUSTER, P. 5

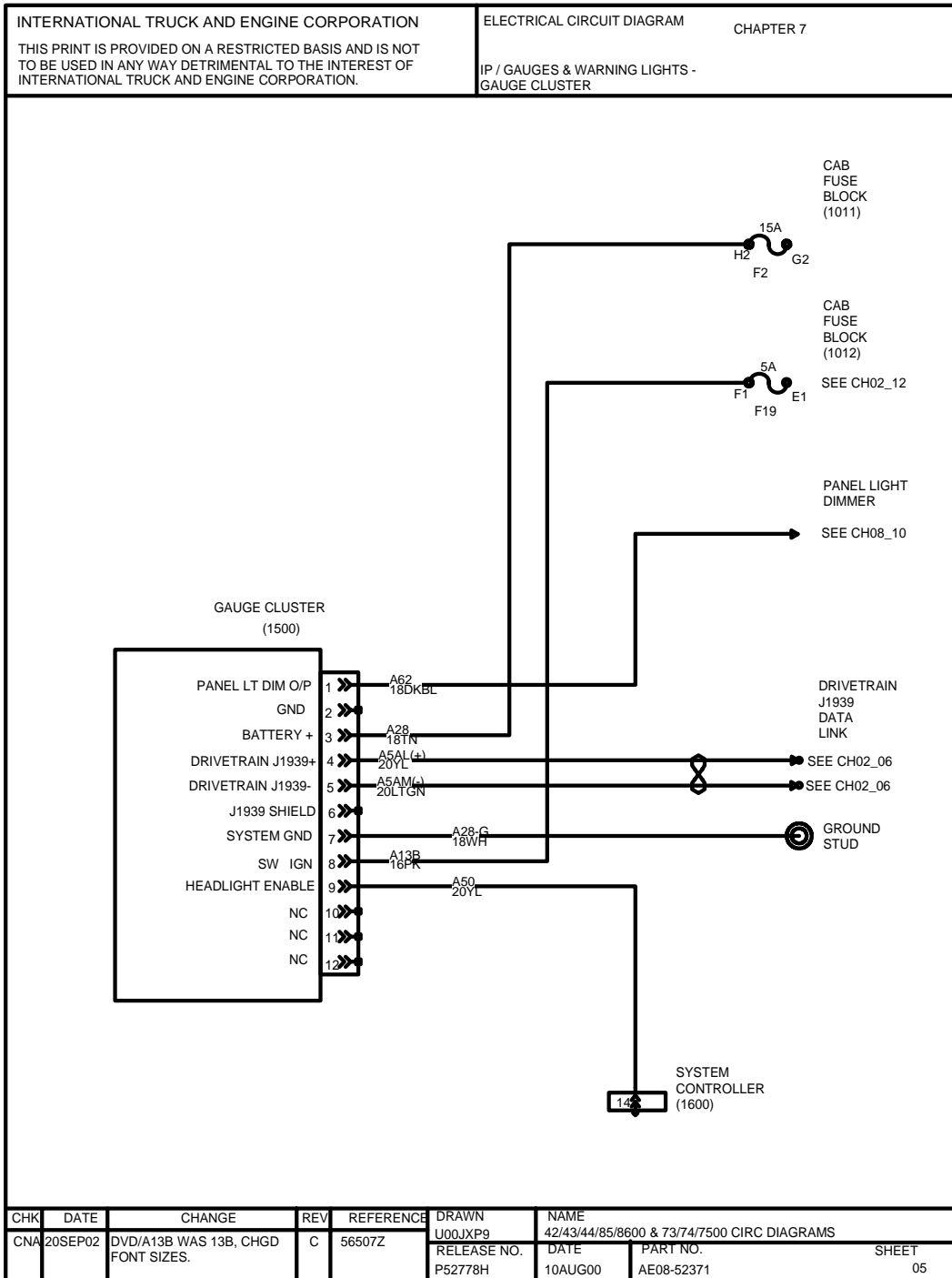


Figure 62 IP/Gauges and Warning Lights — Gauge Cluster

7.6. AIR PRESSURE INPUT CIRCUIT, P. 6

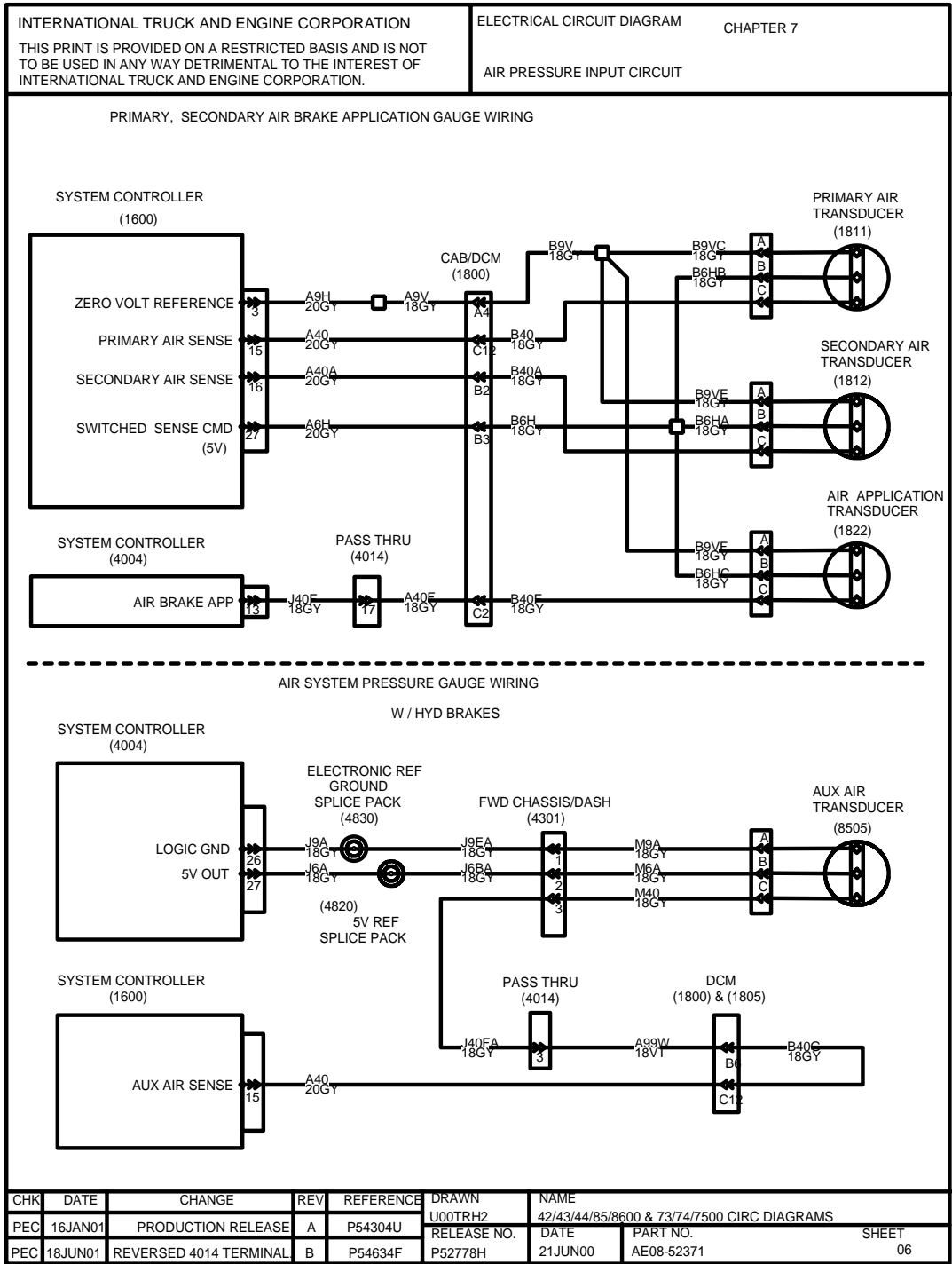


Figure 63 Air Pressure Input Circuit

7.7. AXLE TEMPERATURE, FWD REAR AND REAR AXLES, GAUGE INPUT CIRCUIT, P. 7

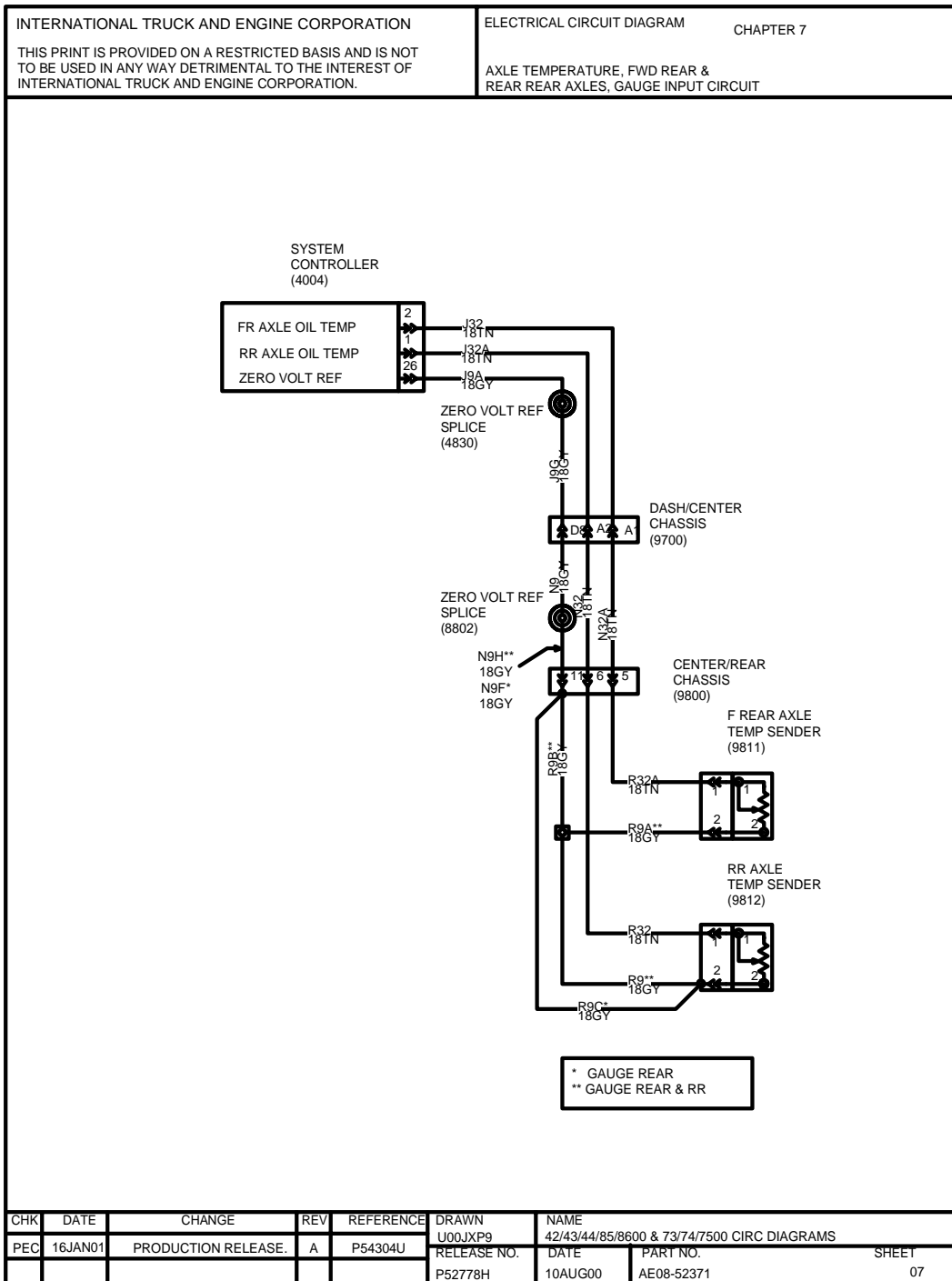


Figure 64 Axle Temperature, FWD Rear and Rear Axles, Gauge Input Circuit

7.8. FUEL GAUGE INPUT CIRCUIT (SINGLE TANK) DIFFERENTIAL LOCK WARNING LAMPS, P. 8

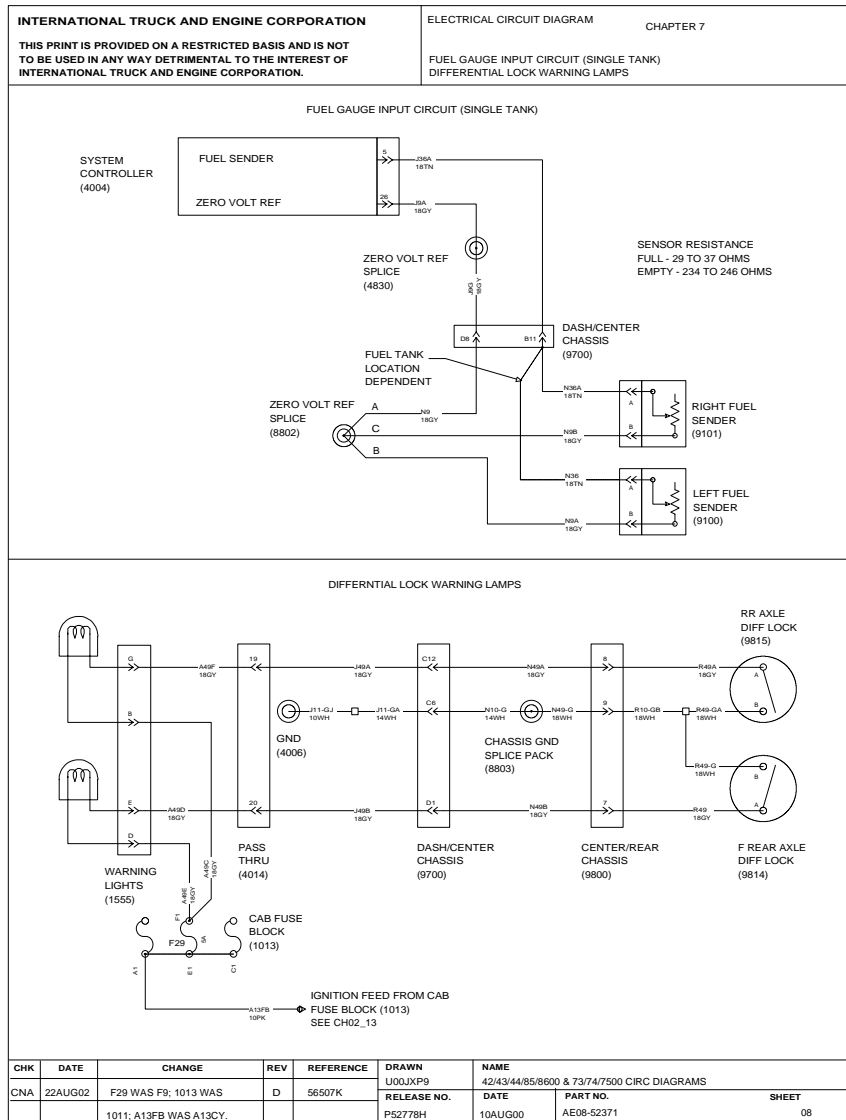


Figure 65 Fuel Gauge Input Circuit (Single Tank) Differential Lock Warning Lamps

7.9. GAUGES AND WARNING LIGHTS — FUEL FILTER RESTRICTION AND WATER IN FUEL LIGHTS, P. 9

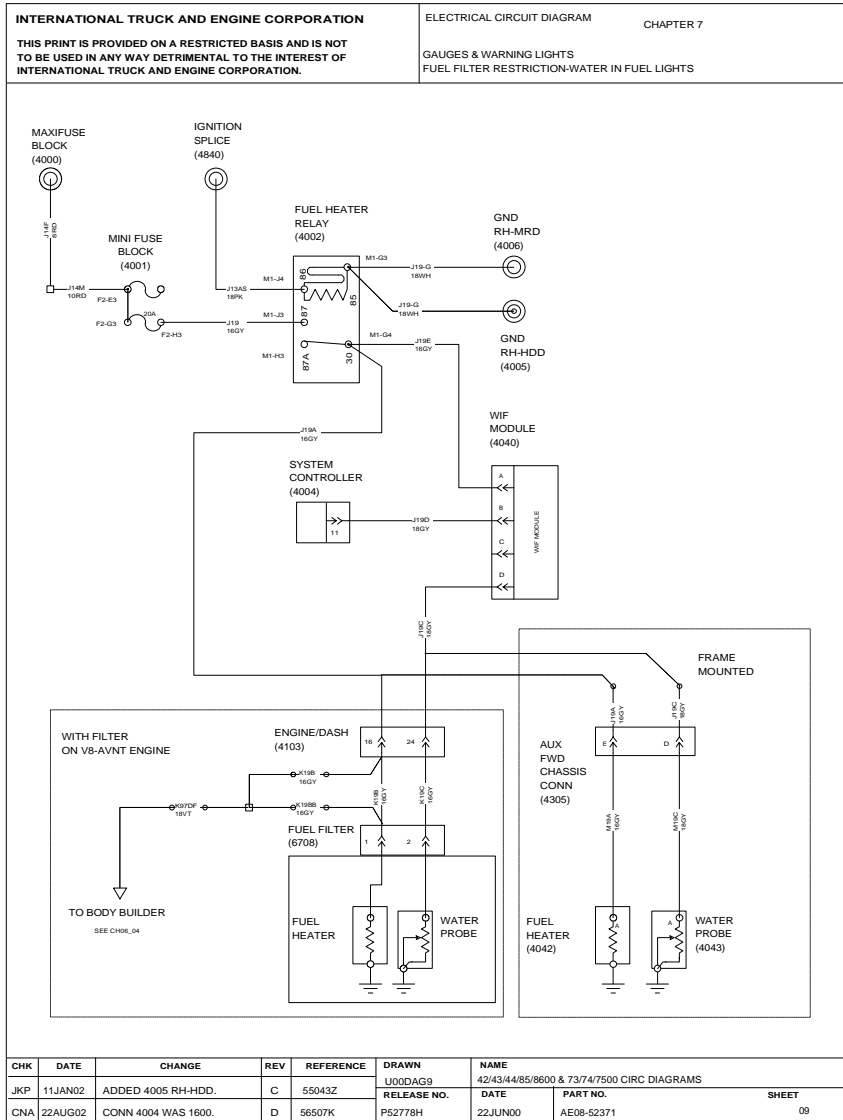


Figure 66 Gauges and Warning Lights — Fuel Filter Restriction and Water in Fuel Lights

7.10. GAUGES AND WARNING LIGHTS — PARK BRAKE LIGHT AND TRANSMISSION OIL TEMP. GAUGE, P. 10

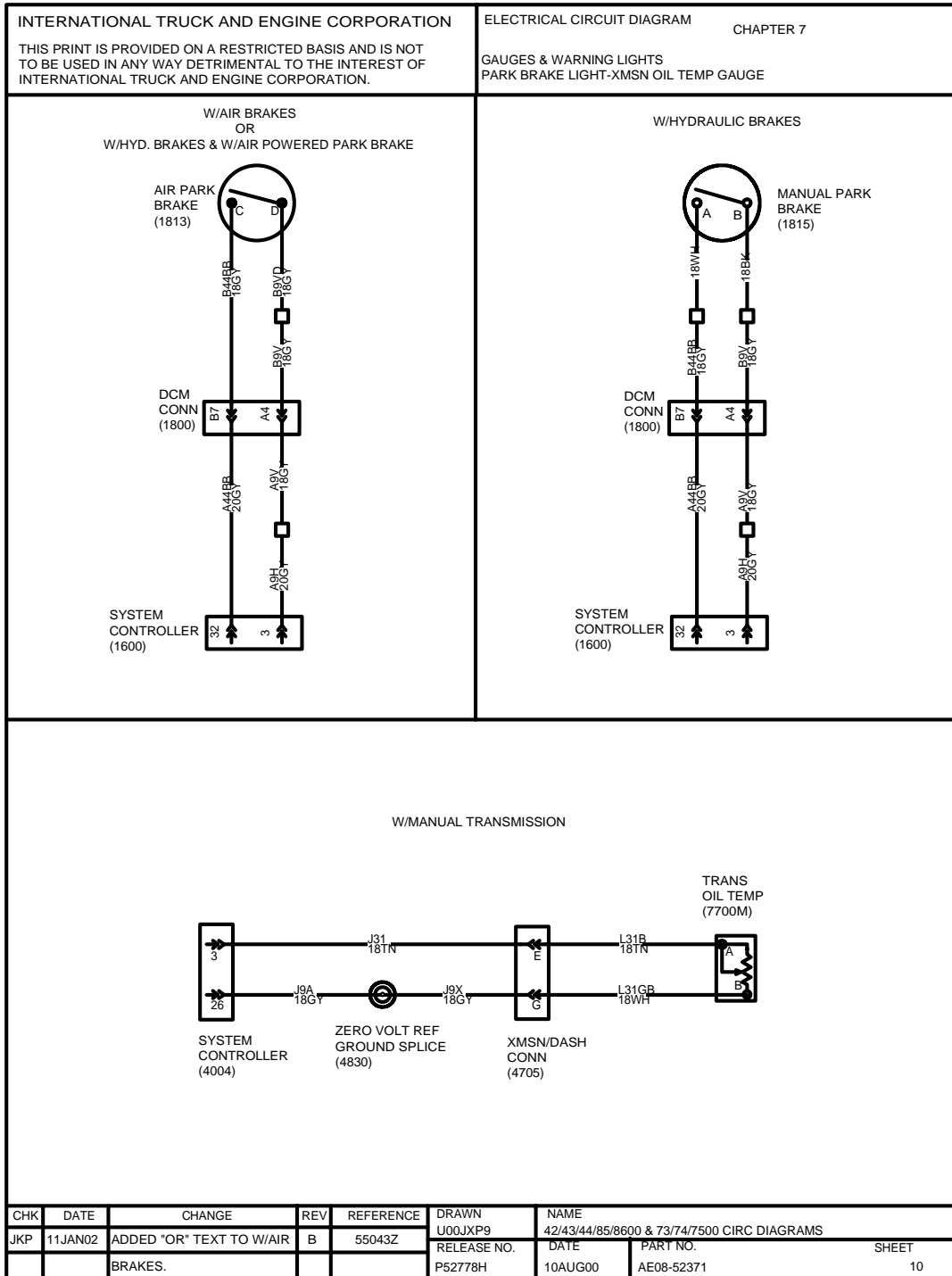


Figure 67 Gauges and Warning Lights — Park Brake Light and Transmission Oil Temp. Gauge

7.11. GAUGES AND WARNING LIGHTS — AMMETER, P. 11

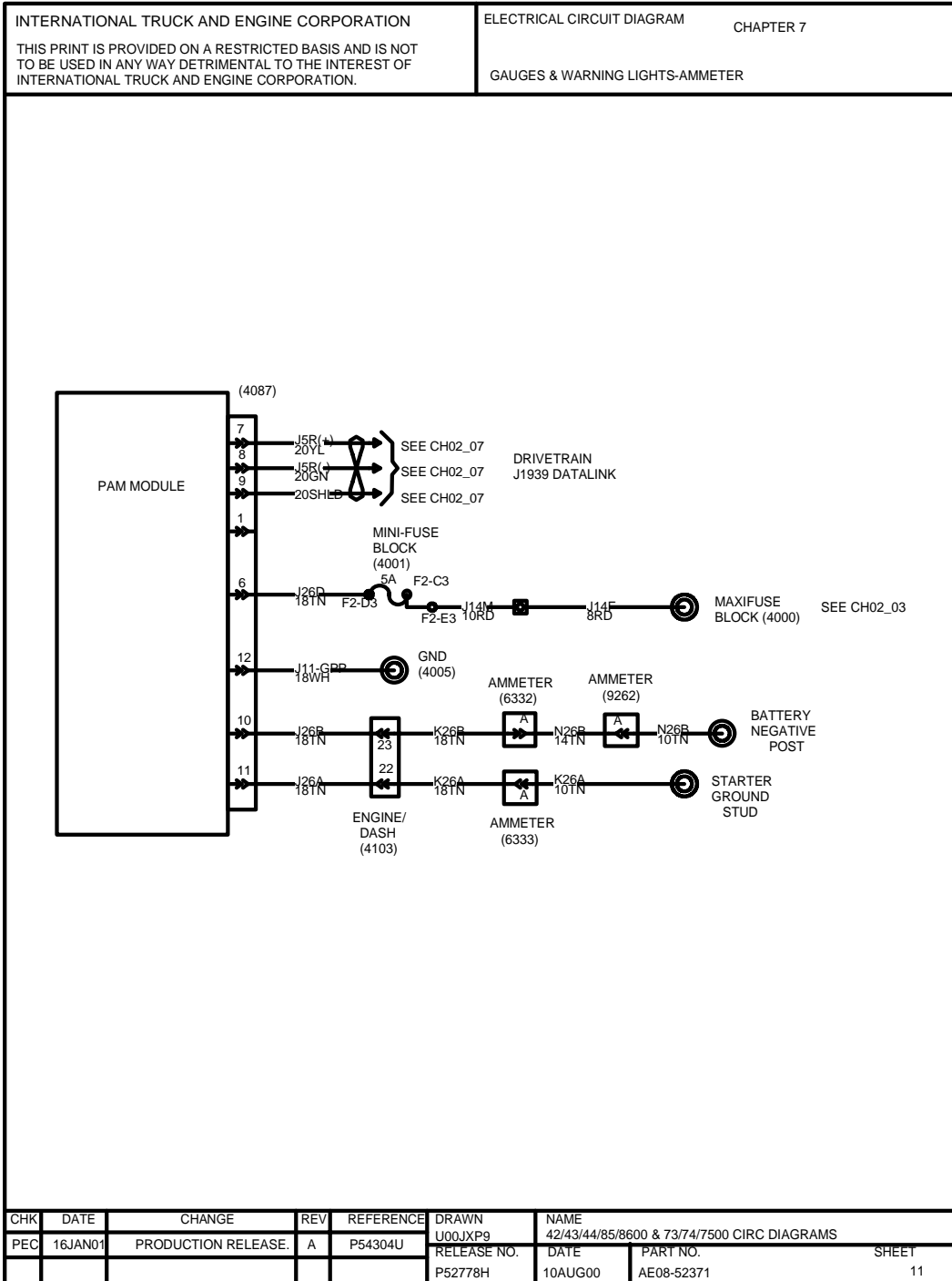


Figure 68 Gauges and Warning Lights — Ammeter

7.12. ENGINE OIL TEMPERATURE GAUGE WITH CATERPILLAR, P. 12

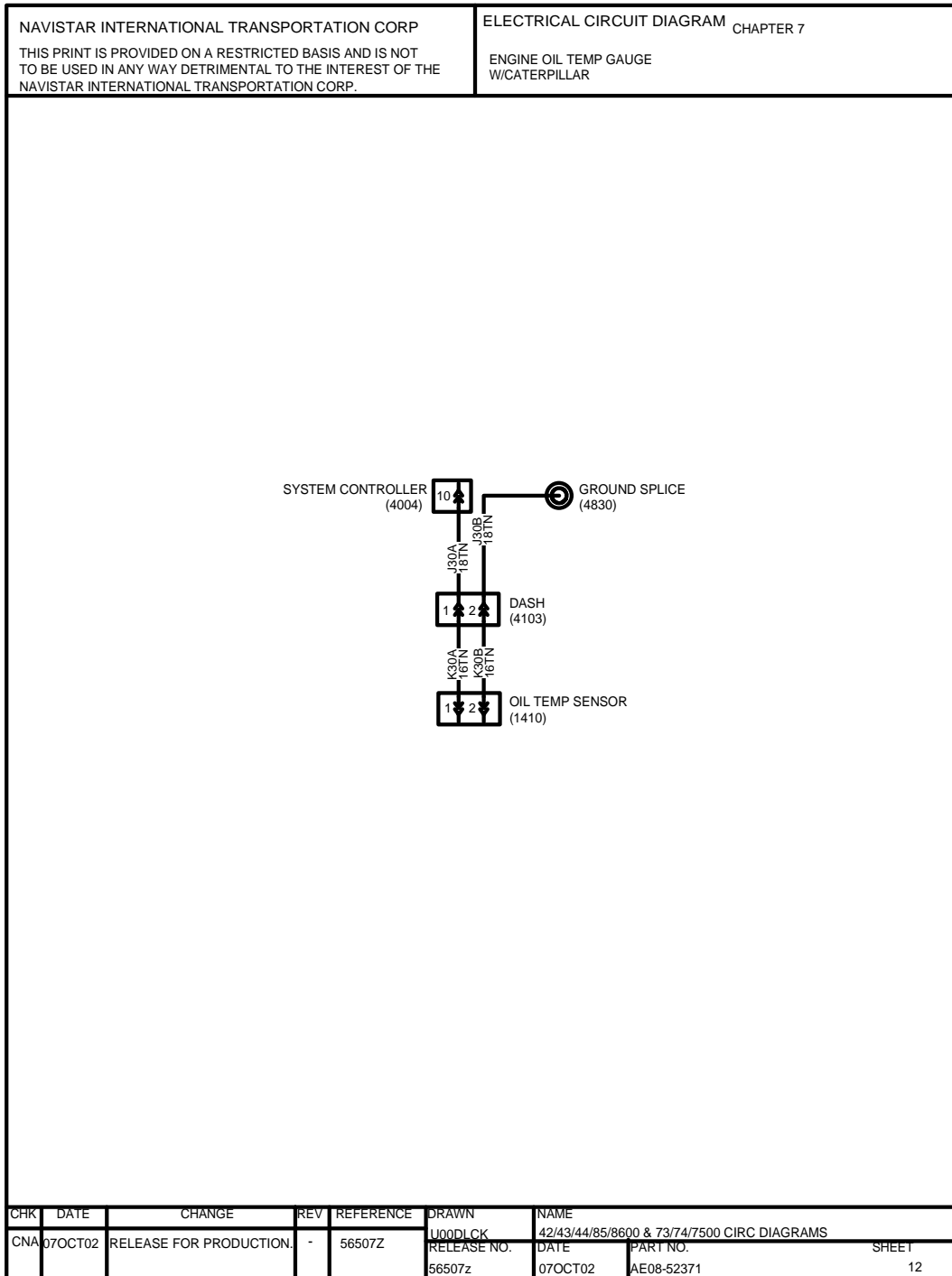


Figure 69 Engine Oil Temperature Gauge With Caterpillar

8. LIGHTS (CHAPTER 8)

8.1. BACK UP LIGHTS, P. 1

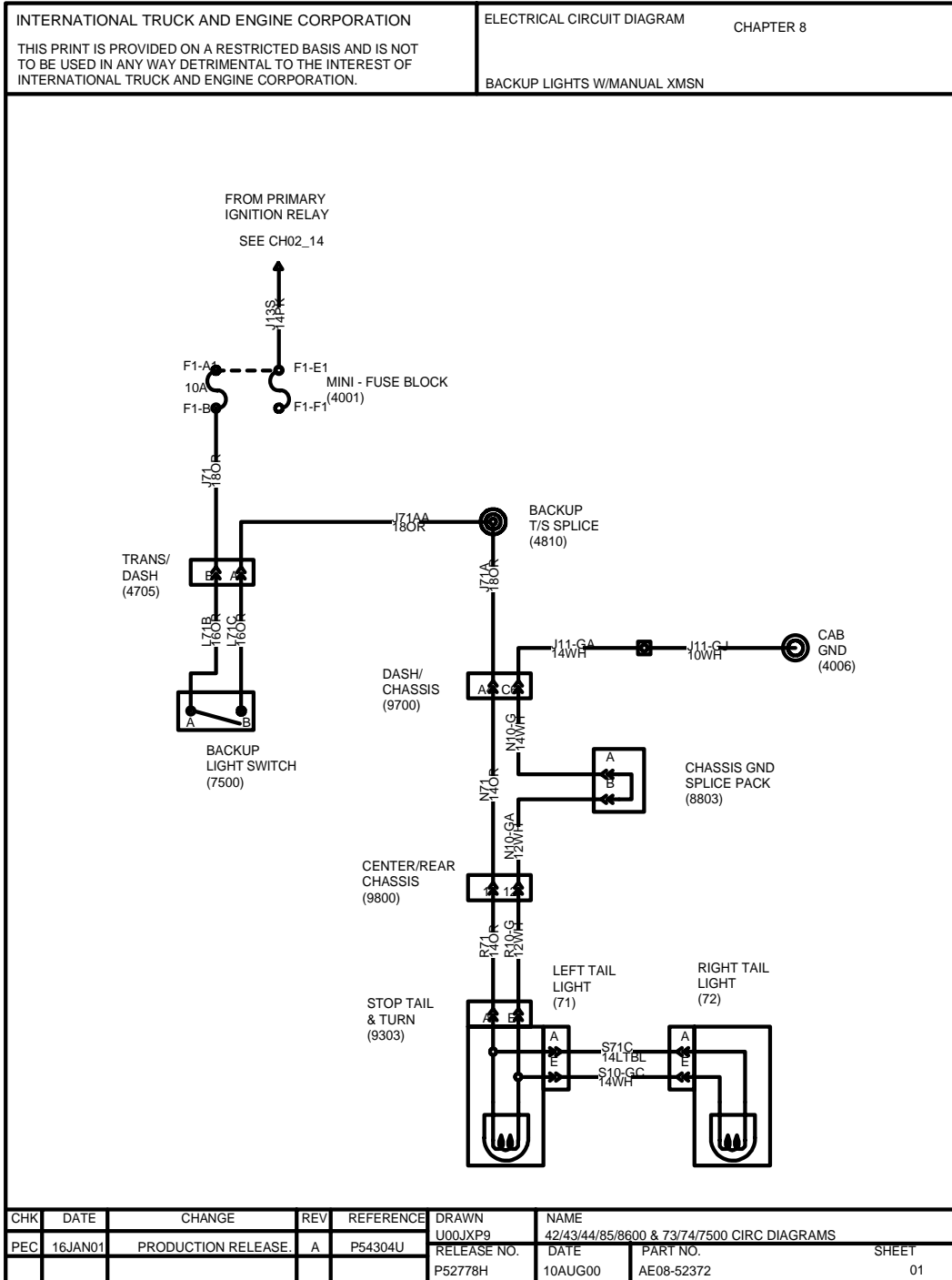


Figure 70 Back Up Lights

8.2. LIGHT SYSTEMS — CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LAMPS, P. 2

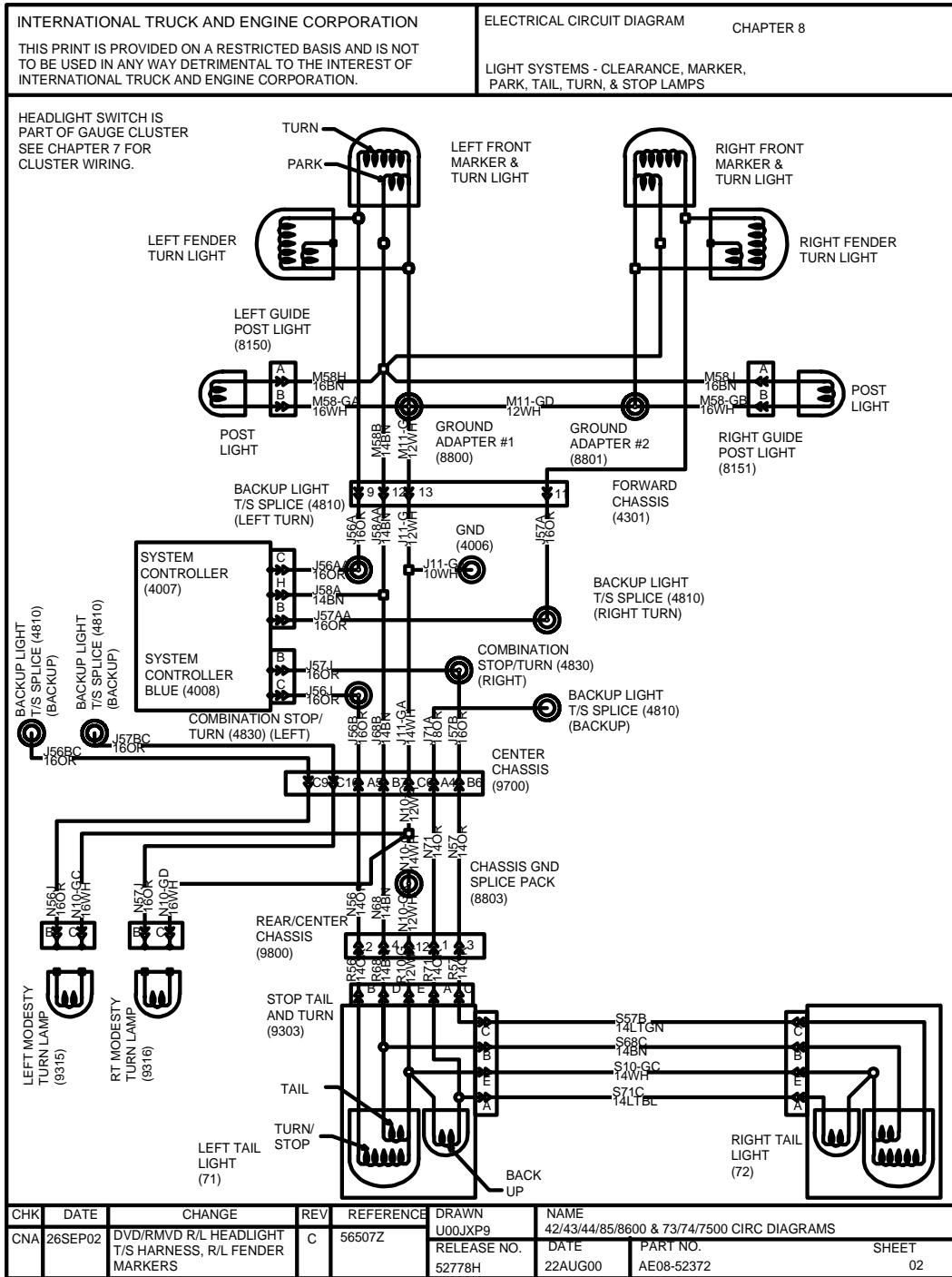


Figure 71 Light Systems — Clearance, Marker, Park, Tail, Turn and Stop Lamps

8.3. LIGHT SYSTEMS — CLEARANCE, MARKER, PARK, TAIL, TURN AND STOP LAMPS (CONT.), P. 3

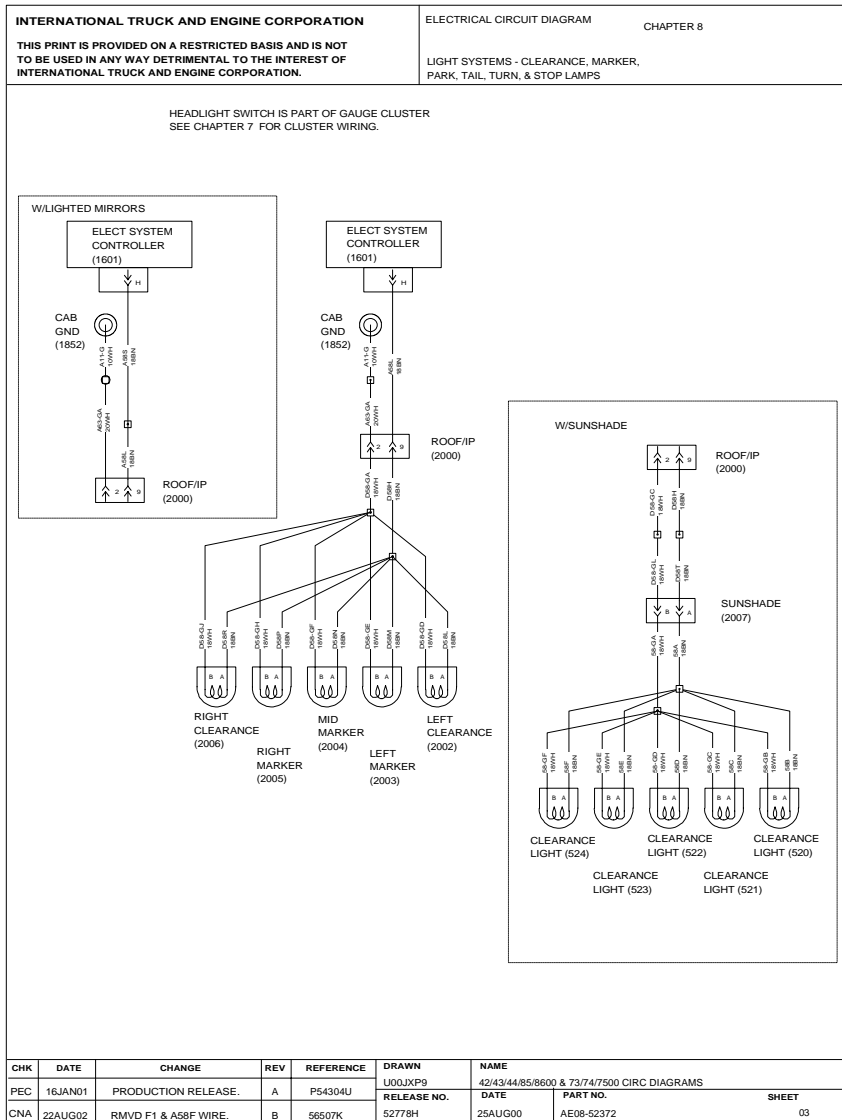


Figure 72 Light Systems — Clearance, Marker, Park, Tail, Turn and Stop Lamps (Cont.)

8.4. LIGHT SYSTEMS — TURN SIGNAL AND STOP SWITCHES, P. 4

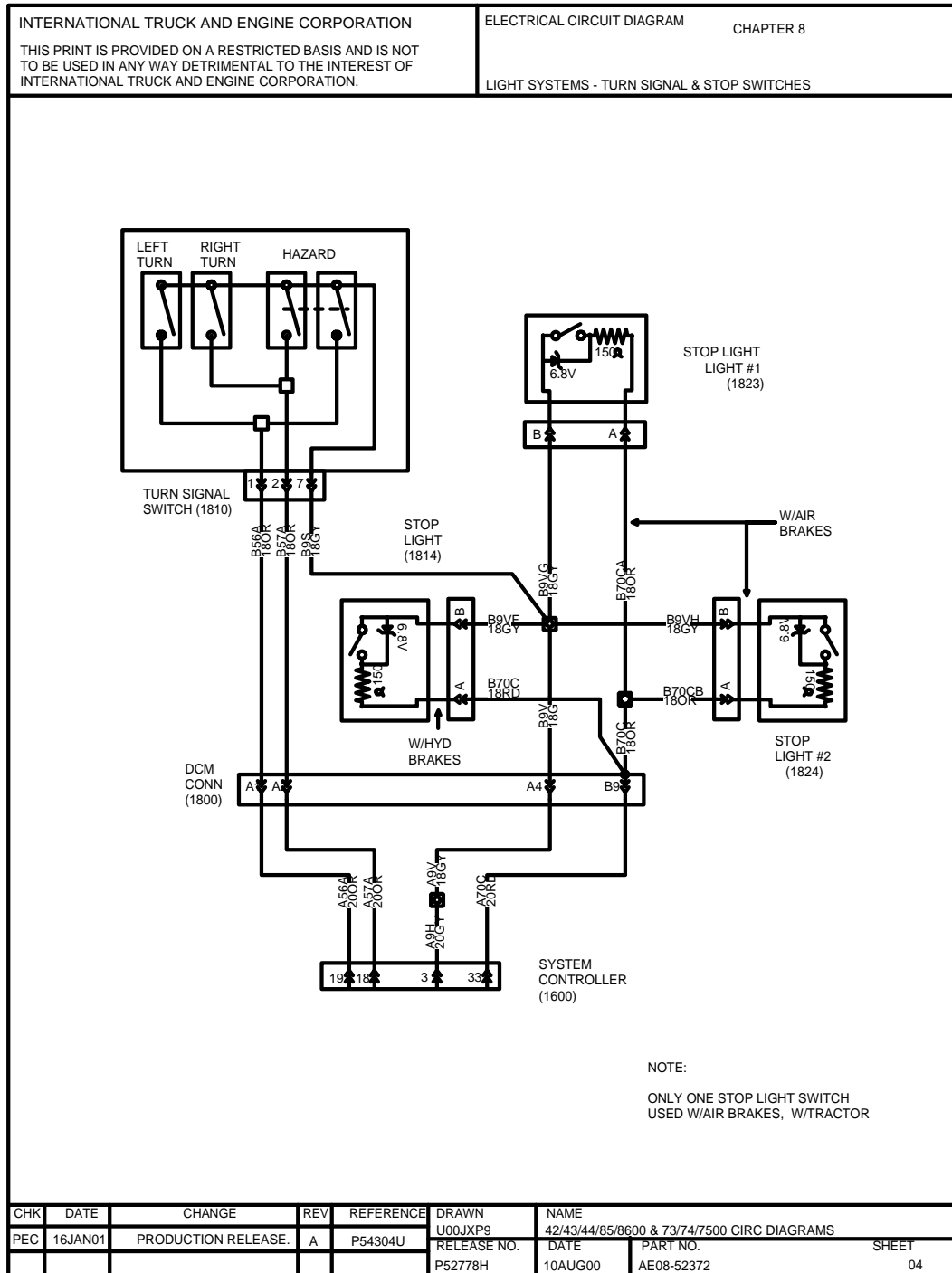


Figure 73 Light Systems — Turn Signal and Stop Switches

8.5. DOME LIGHT, MAP LIGHT, P. 5

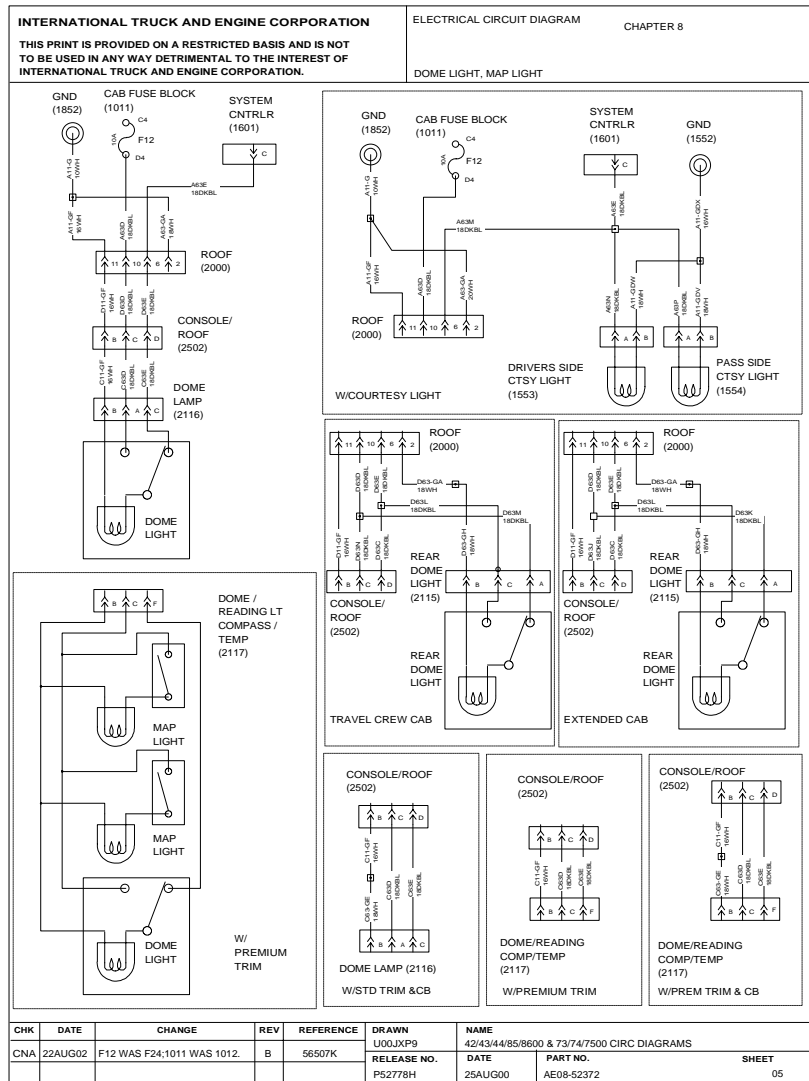


Figure 74 Dome Light, Map Light

8.6. DOME LIGHT, MAP LIGHT (CONT.), P. 6

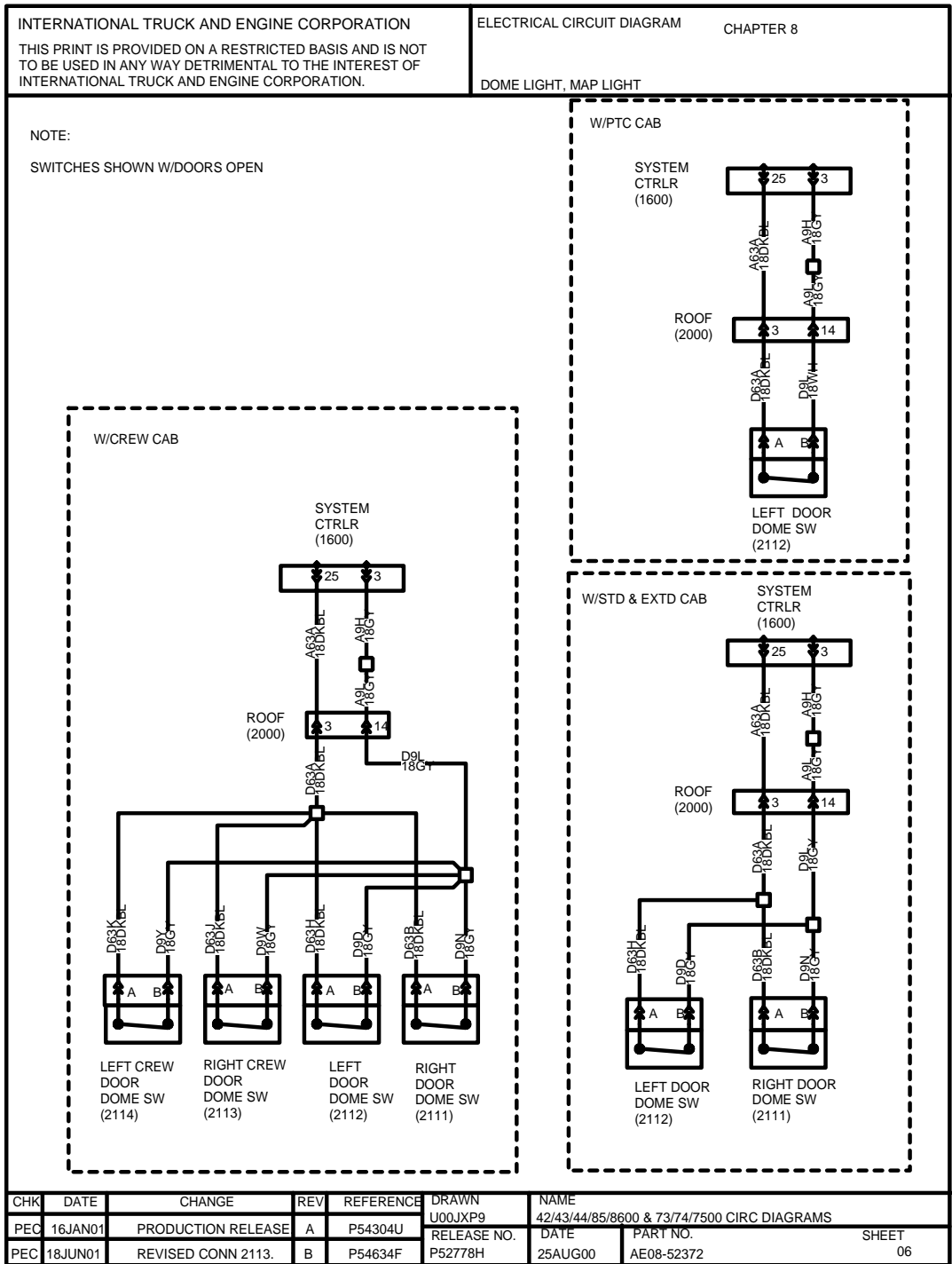


Figure 75 Dome Light, Map Light (Cont.)

8.7. FOG LIGHT AND WORK LIGHT, P. 7

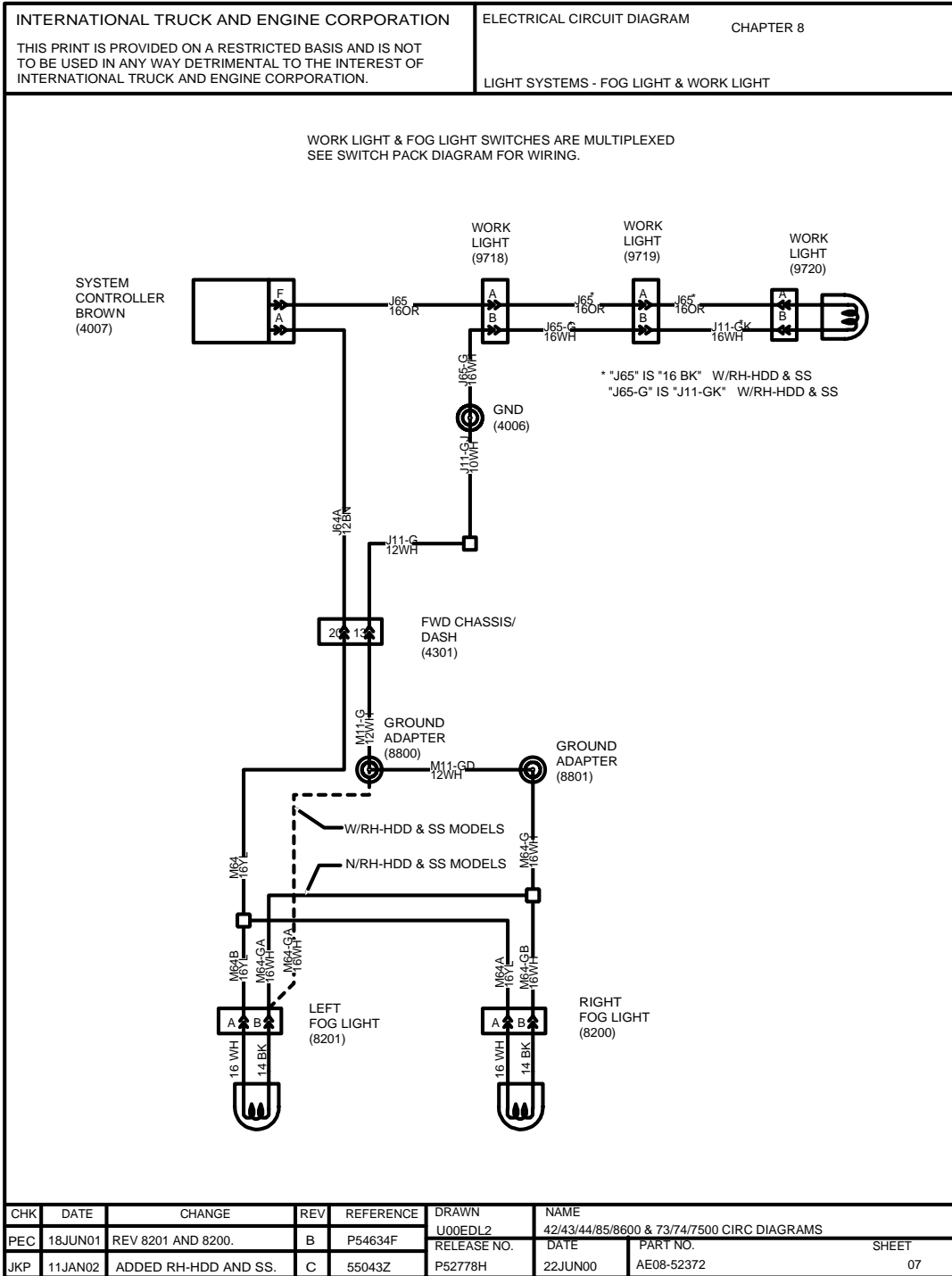


Figure 76 Fog Light and Work Light

8.8. HEADLIGHTS, P. 8

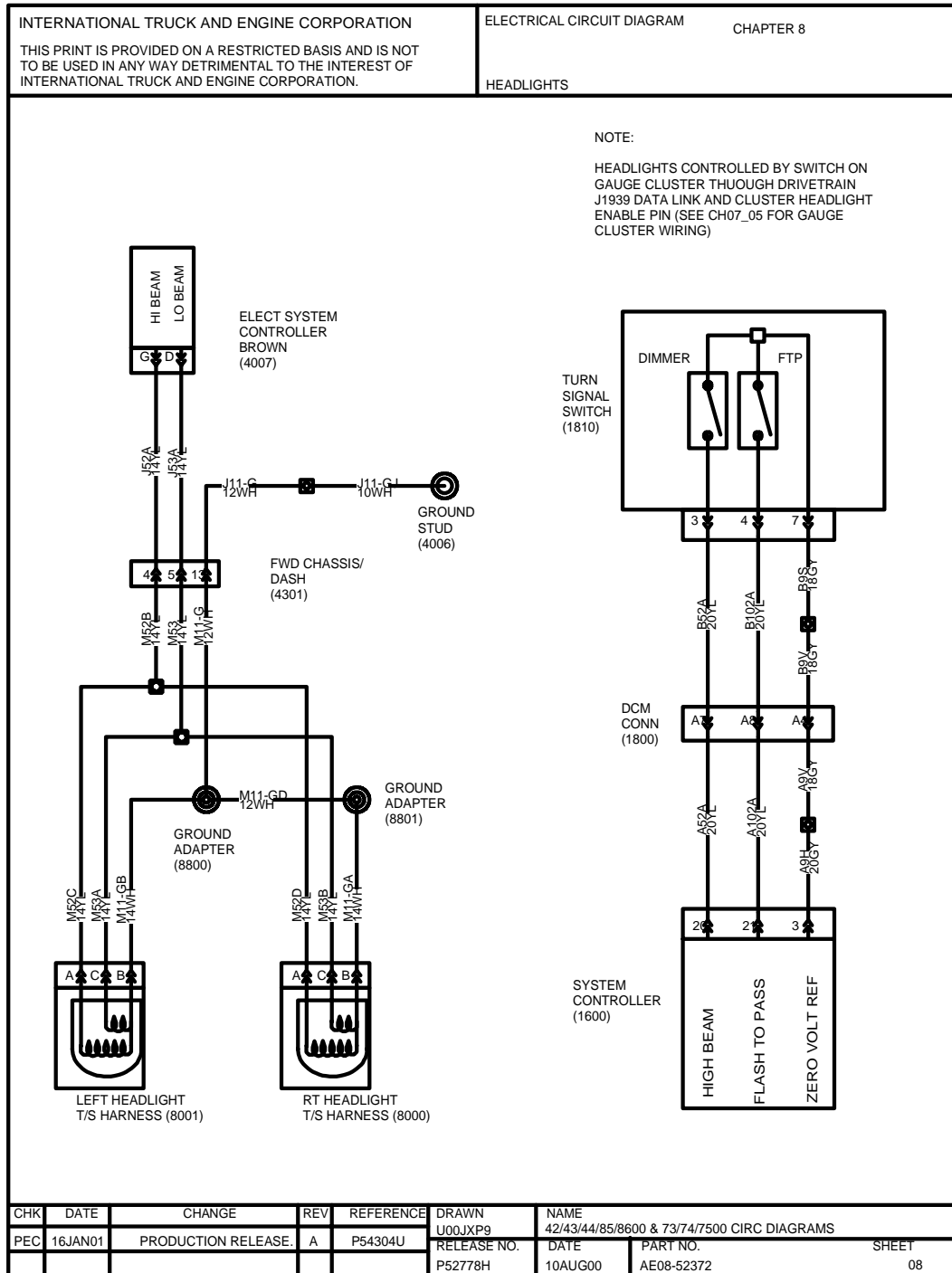


Figure 77 Headlights

8.9. AUX. HEADLIGHTS, AUX. PARK, AUX TURN, P. 9

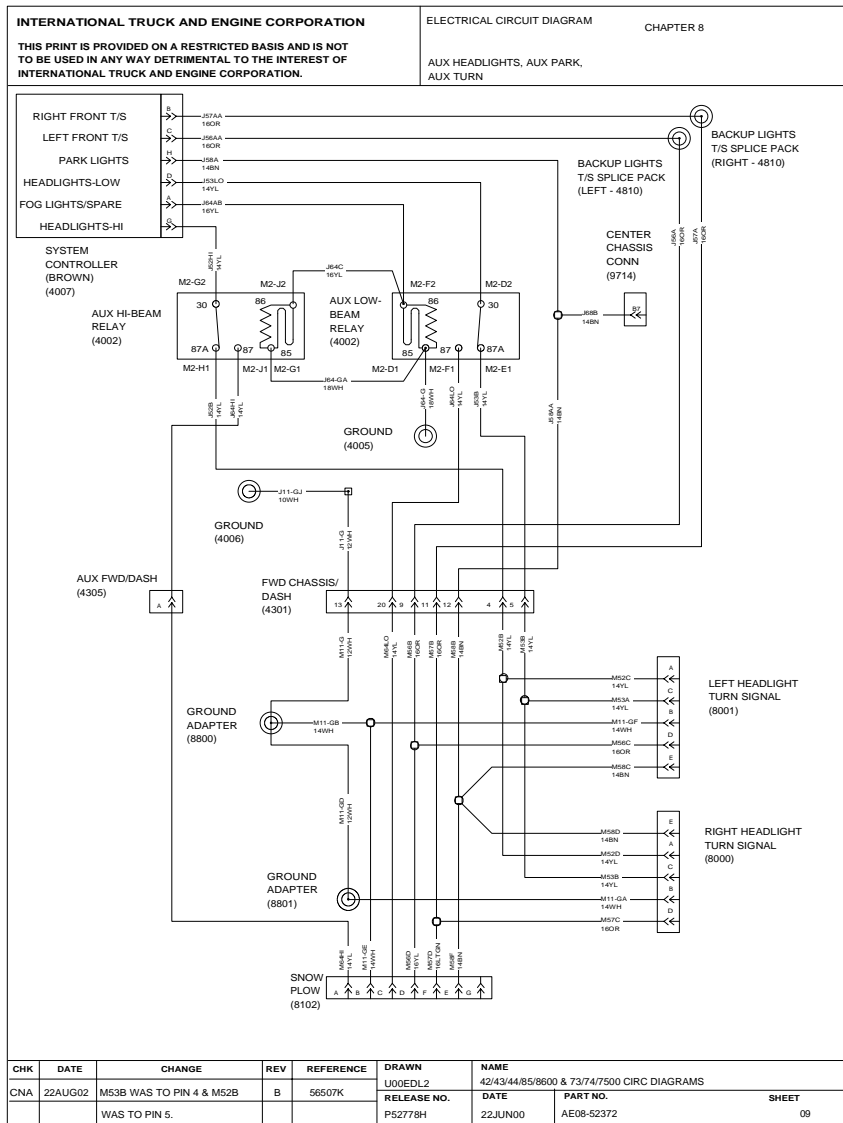


Figure 78 Aux. Headlights, Aux. Park, Aux Turn

8.10. PANEL LIGHTS, P. 10

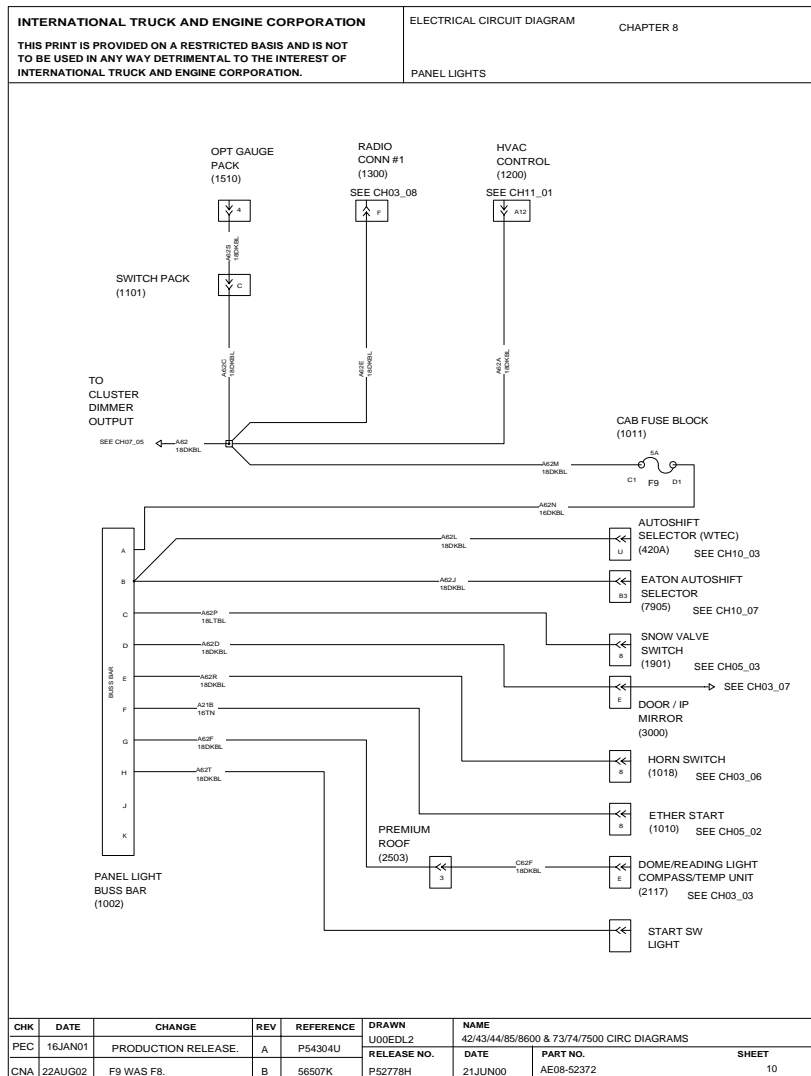


Figure 79 Panel Lights

9. CHASSIS ACCESSORIES (CHAPTER 9)

9.1. AIR DRYER AND HEATED DRAIN VALVE, P. 1

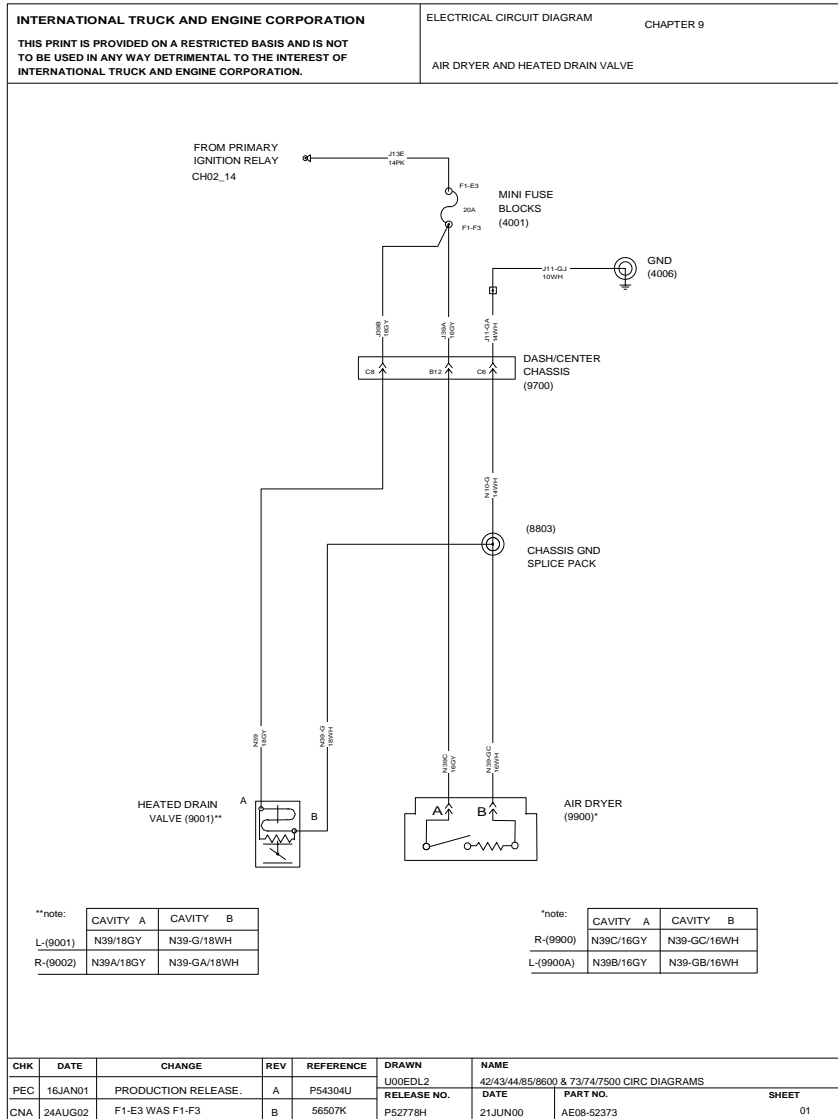


Figure 80 Air Dryer and Heated Drain Valve

9.2. ANTILOCK BRAKE SYSTEM (ABS), AIR, P. 2

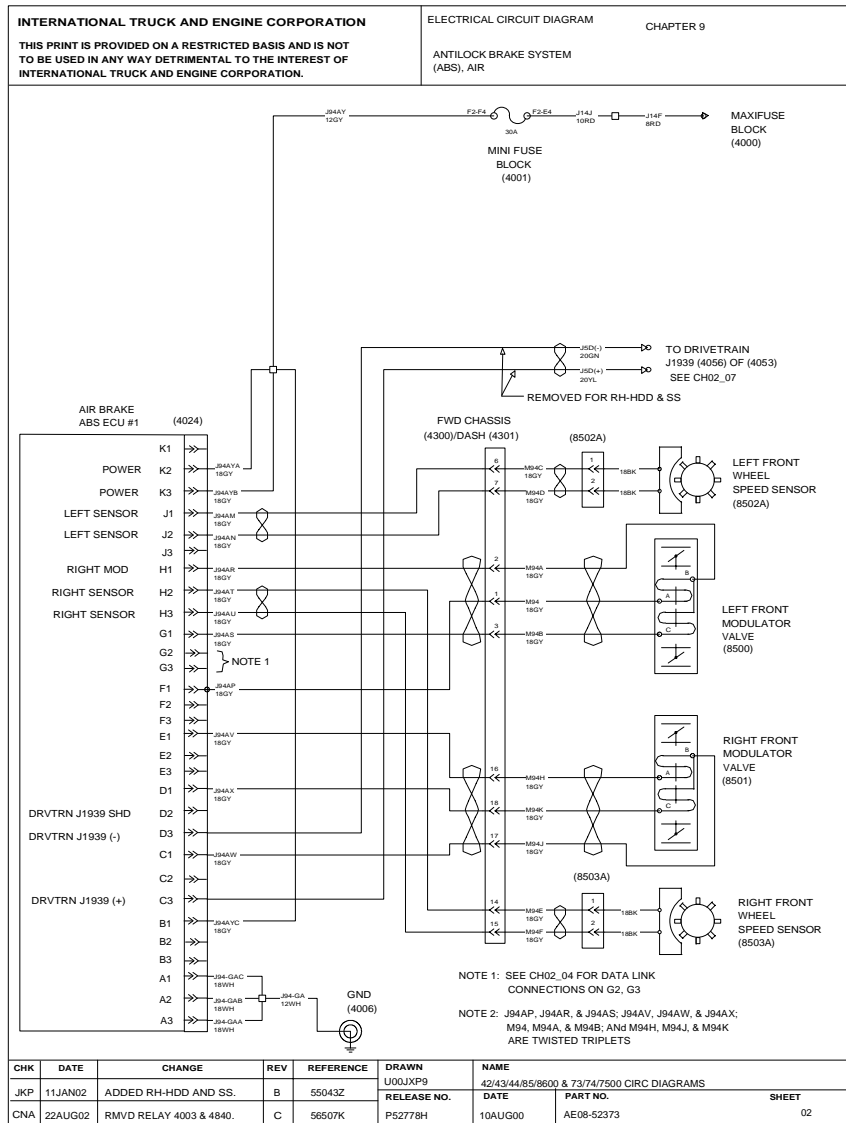


Figure 81 Antilock Brake System (ABS), Air

9.3. ANTILOCK BRAKE SYSTEM (ABS), AIR, TRACTION CONTROL, P. 3

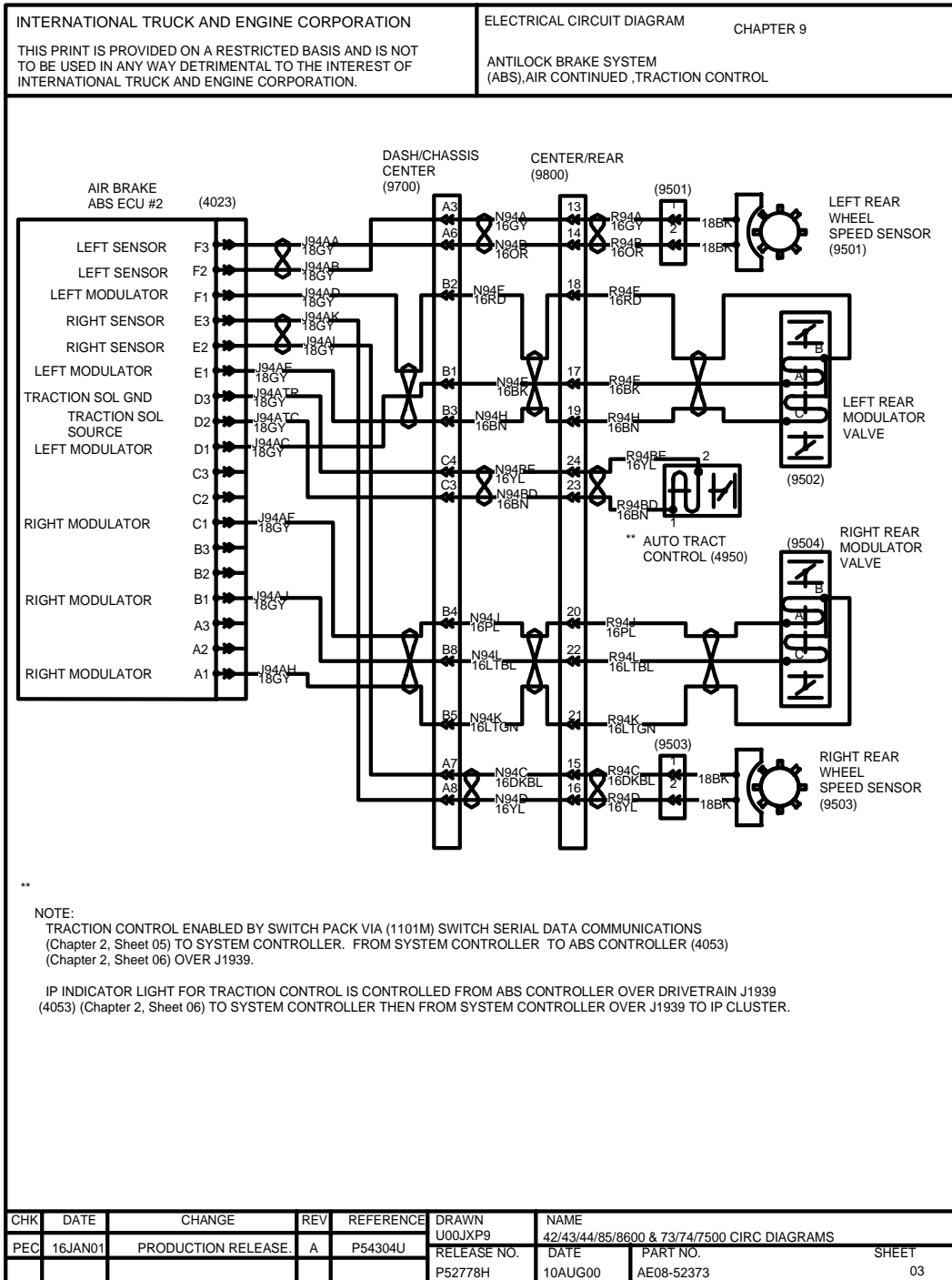


Figure 82 Antilock Brake System (ABS), Air, Traction Control

9.4. ANTILOCK BRAKE SYSTEM (ABS), HYDRAULIC, P. 4

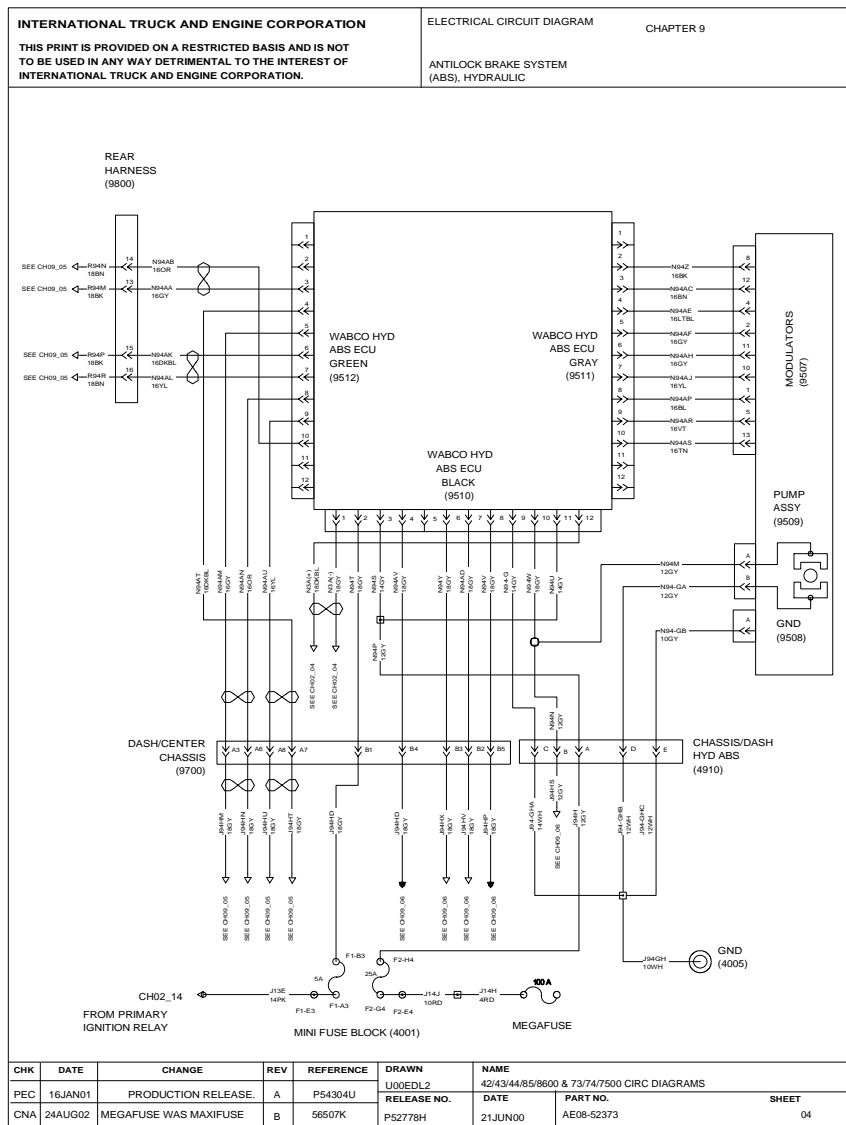


Figure 83 Antilock Brake System (ABS), Hydraulic

9.5. ANTILOCK BRAKE SYSTEM (ABS), HYDRAULIC (CONT.), P. 5

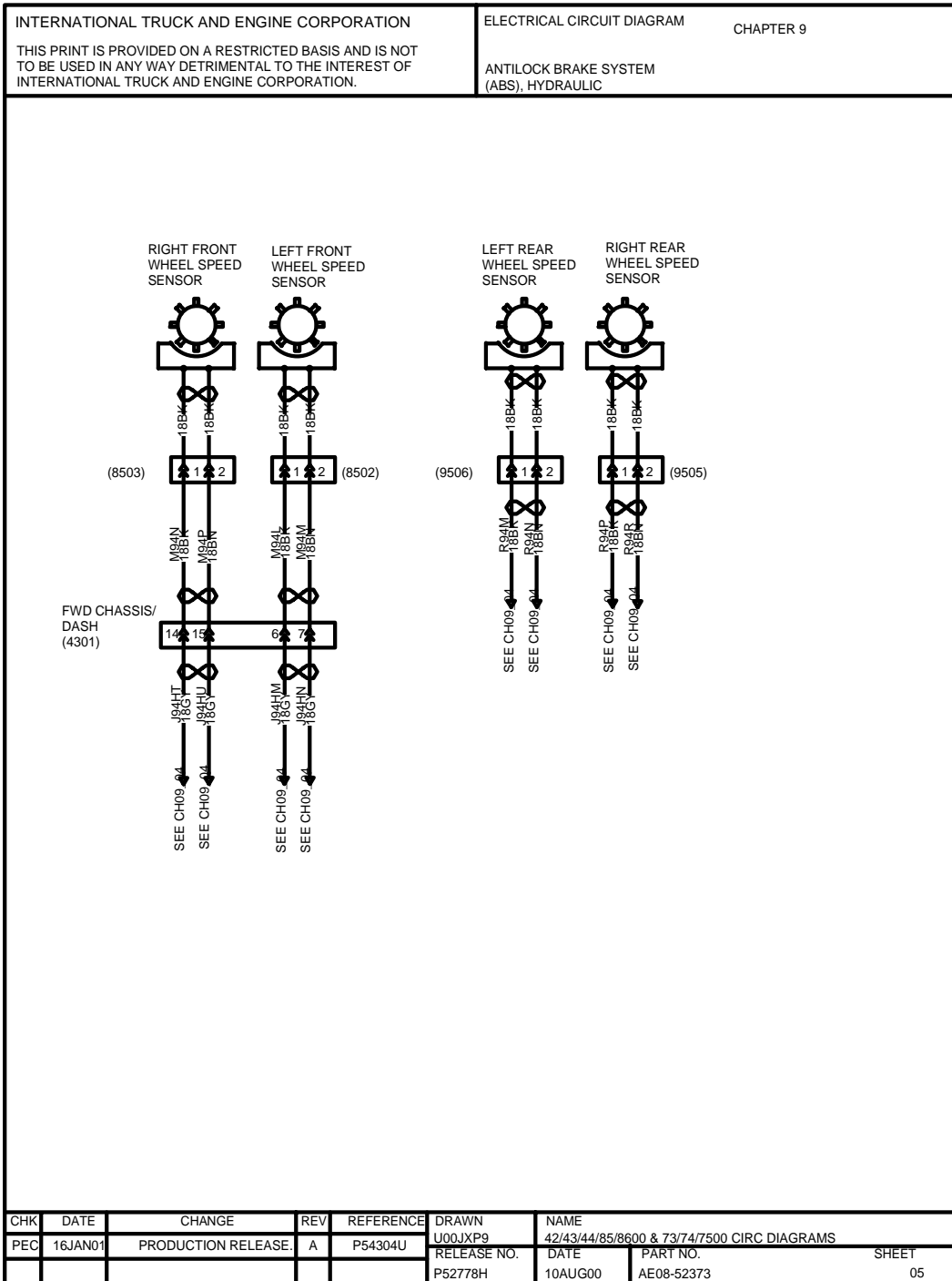


Figure 84 Antilock Brake System (ABS), Hydraulic (Cont.)

9.6. ANTILOCK BRAKE SYSTEM (ABS), HYDRAULIC (CONT.), P. 6

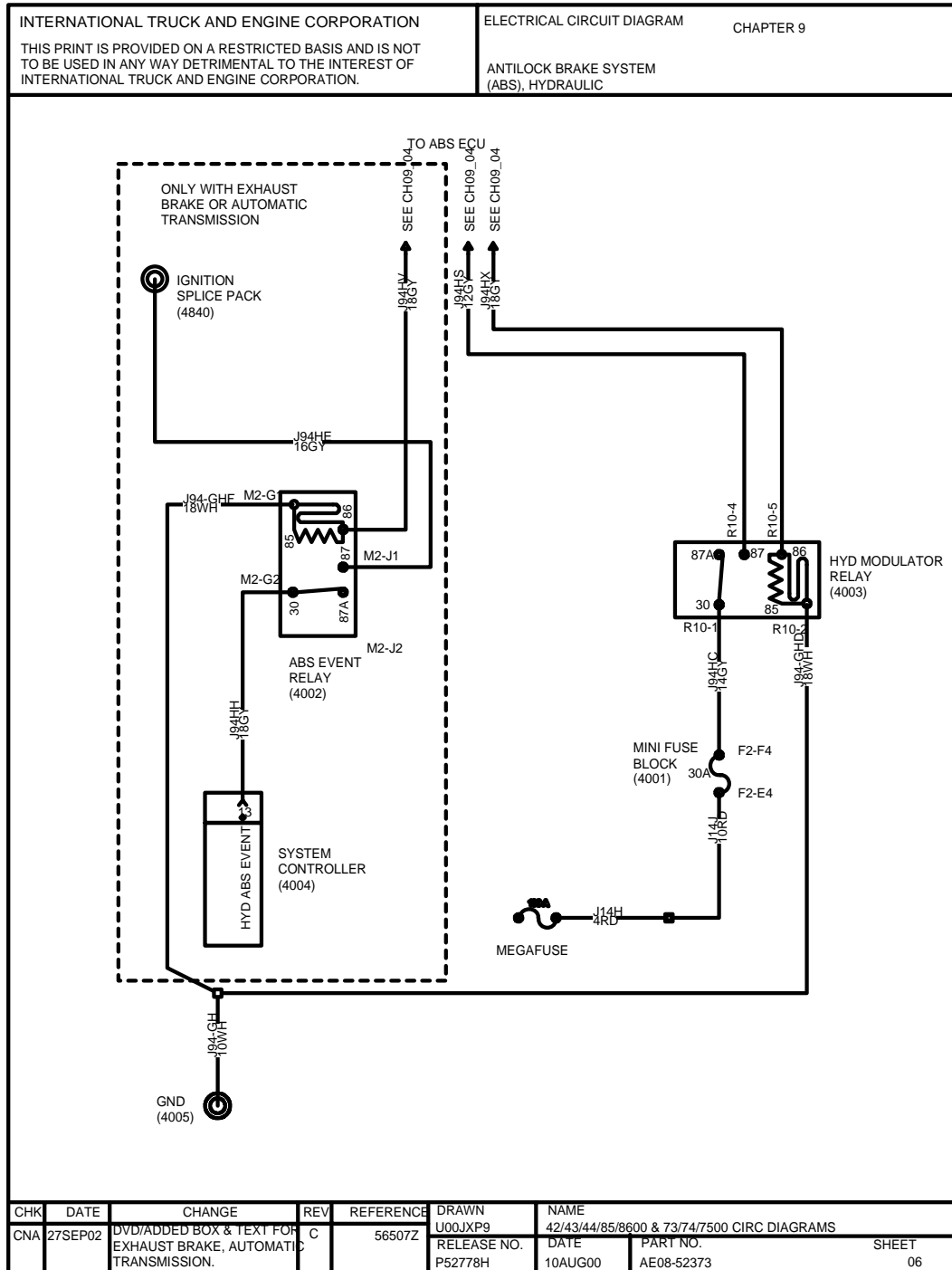


Figure 85 Antilock Brake System (ABS), Hydraulic (Cont.)

9.7. TWO SPEED AXLE SWITCH W/MANUAL TRANSMISSION FUEL HEATER N/WARN LIGHTS, P. 7

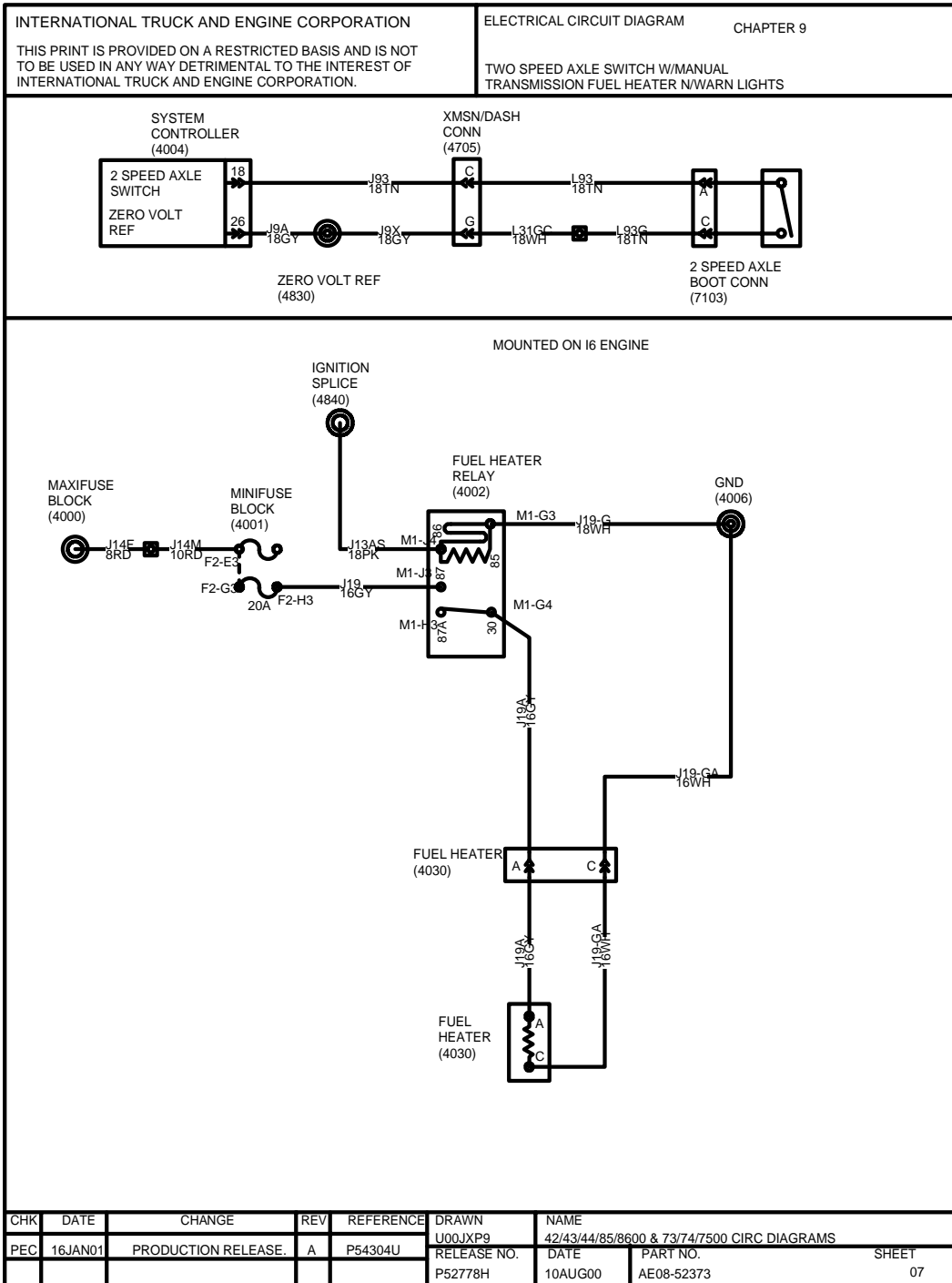


Figure 86 Two Speed Axle Switch W/Manual Transmission Fuel Heater N/Warn Lights

9.8. BRAKE SYSTEM, HYDRAULIC, P. 8

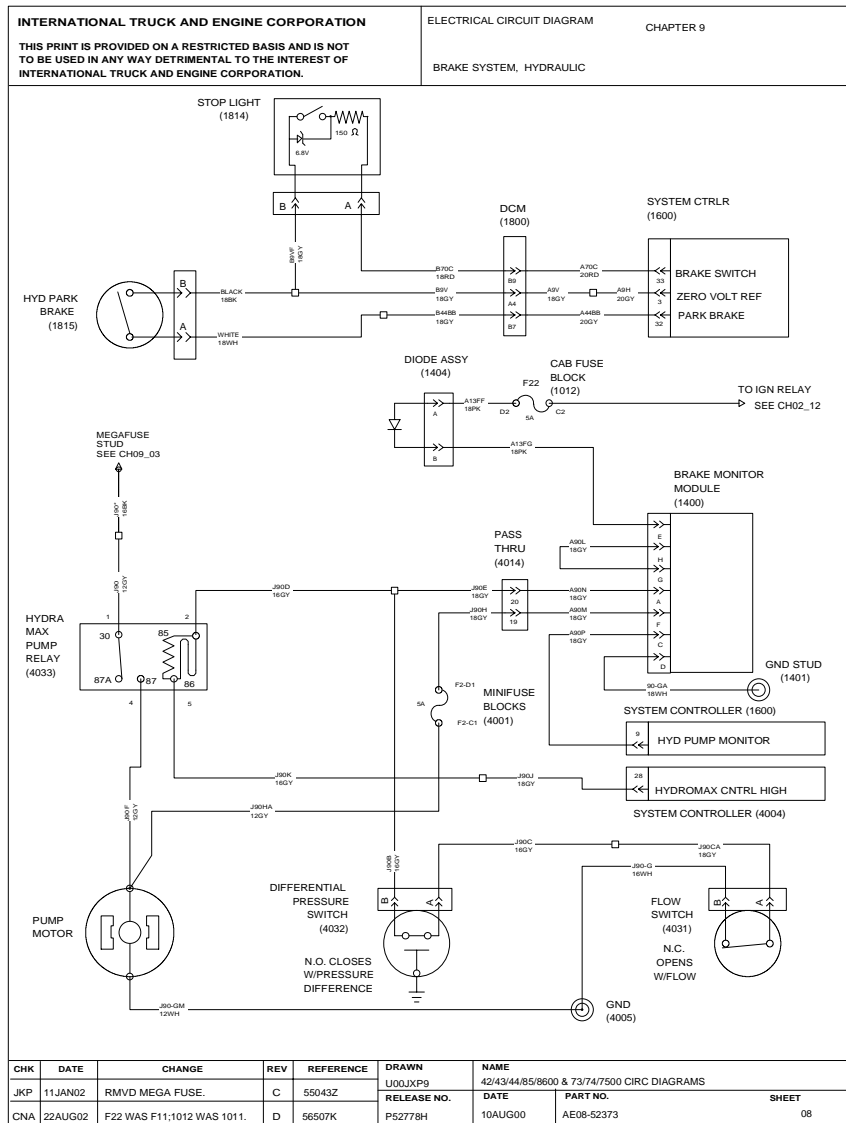


Figure 87 Brake System, Hydraulic

9.9. FUEL TRANSFER PUMP, P. 9

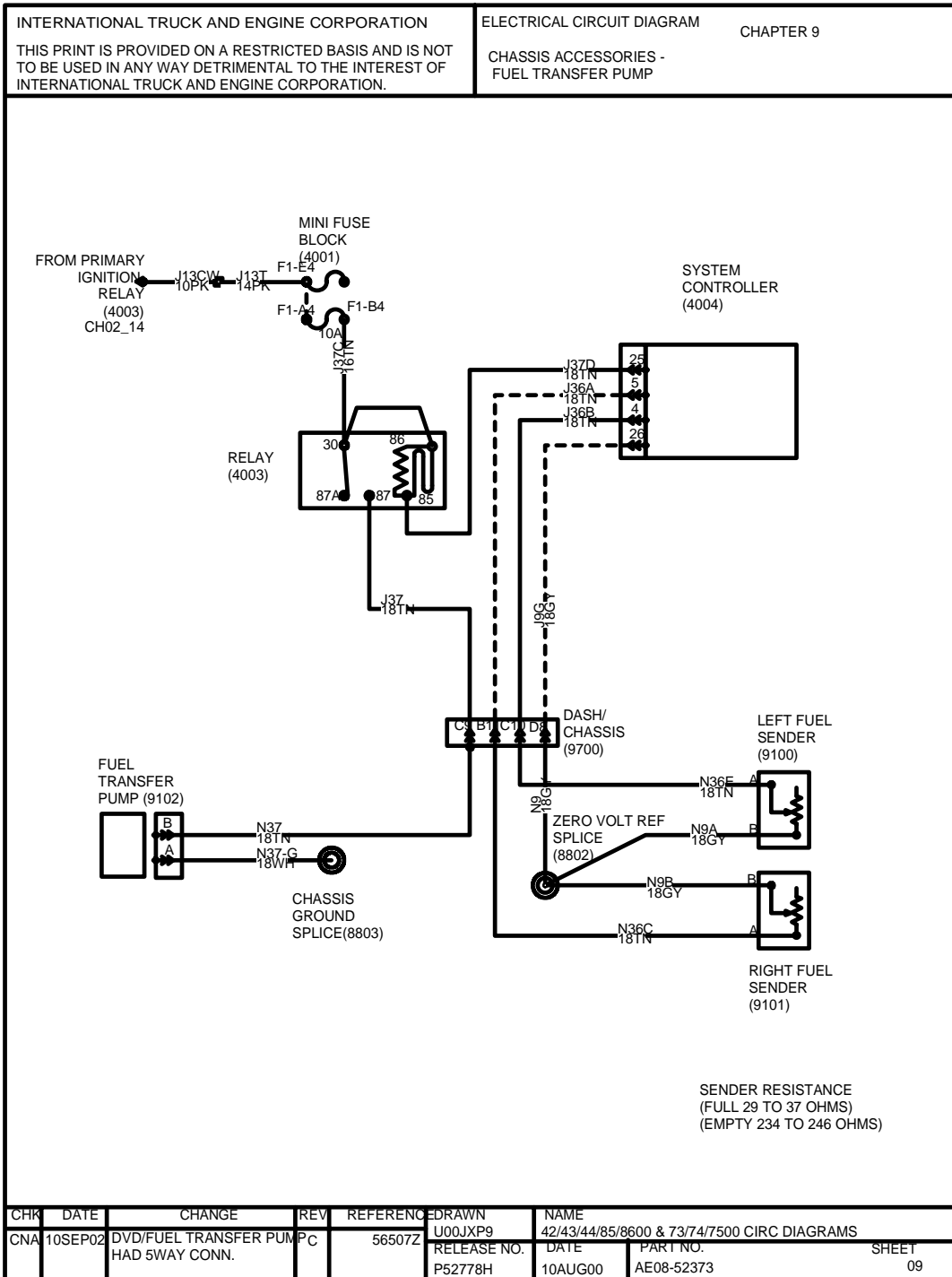


Figure 88 Fuel Transfer Pump

9.10. BACK OF CAB BODY BUILDER AND TRAILER STOP, TAIL, MARKER, P. 10

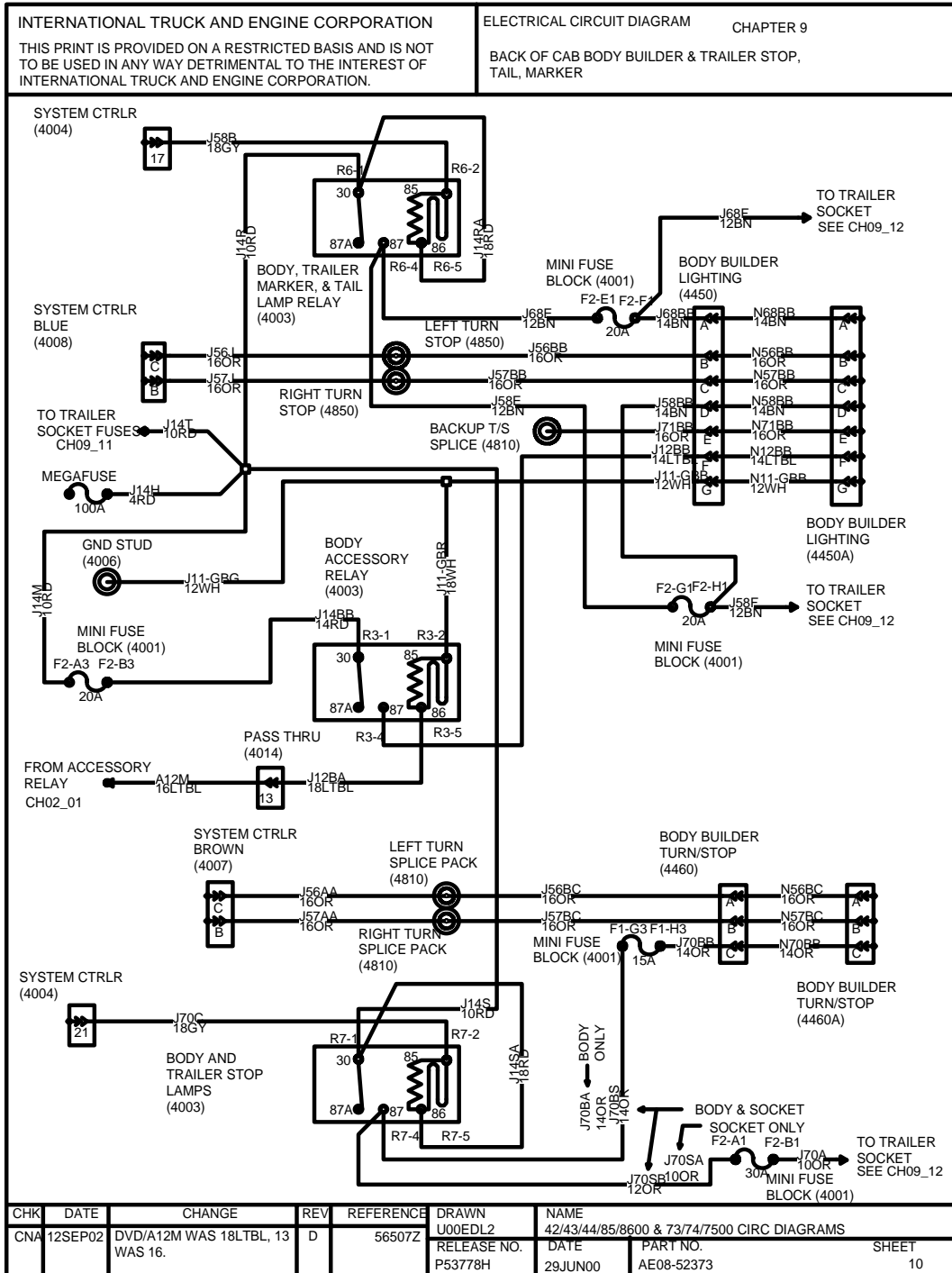


Figure 89 Back of Cab Body Builder and Trailer Stop, Tail, Marker

9.11. BODY BUILDER AND TRAILER TURNS, CENTER PIN ABS, CENTER PIN AUX, P. 11

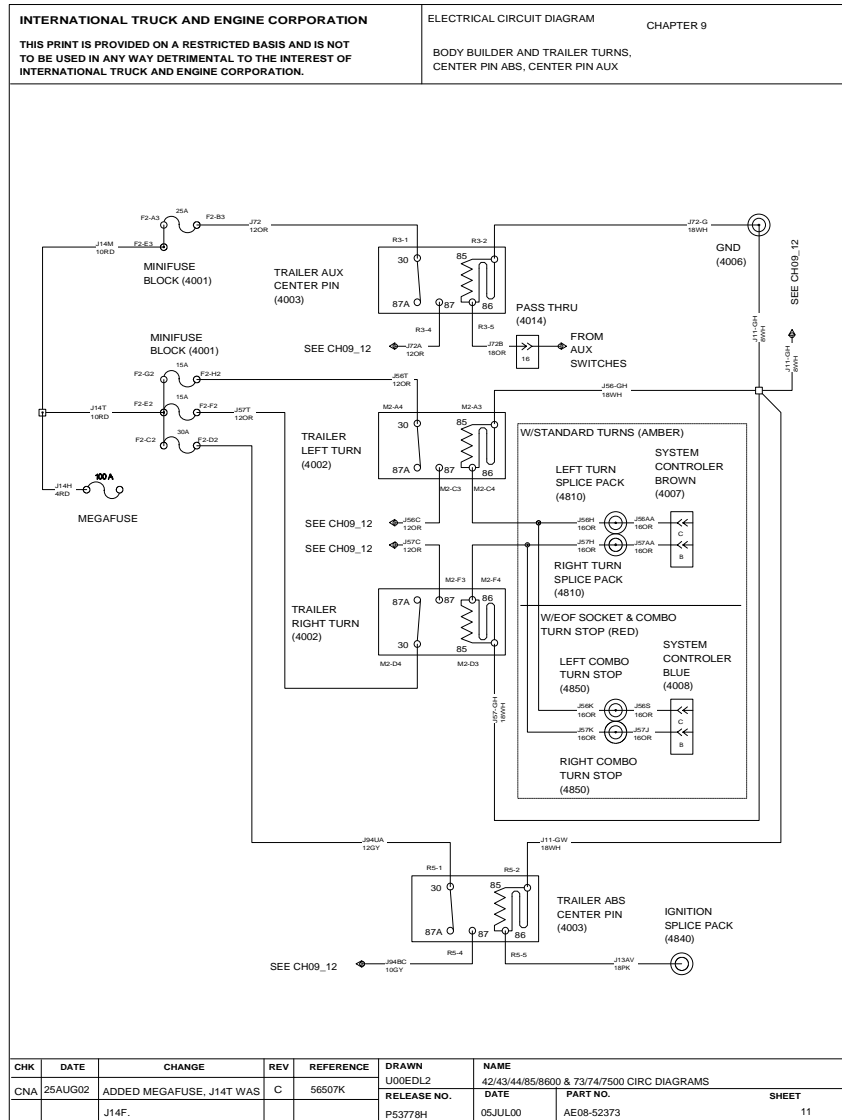


Figure 90 Body Builder and Trailer Turns, Center Pin ABS, Center Pin Aux

9.12. BODY BUILDER AND TRAILER SOCKET BACK OF CAB SOCKETS, P. 12

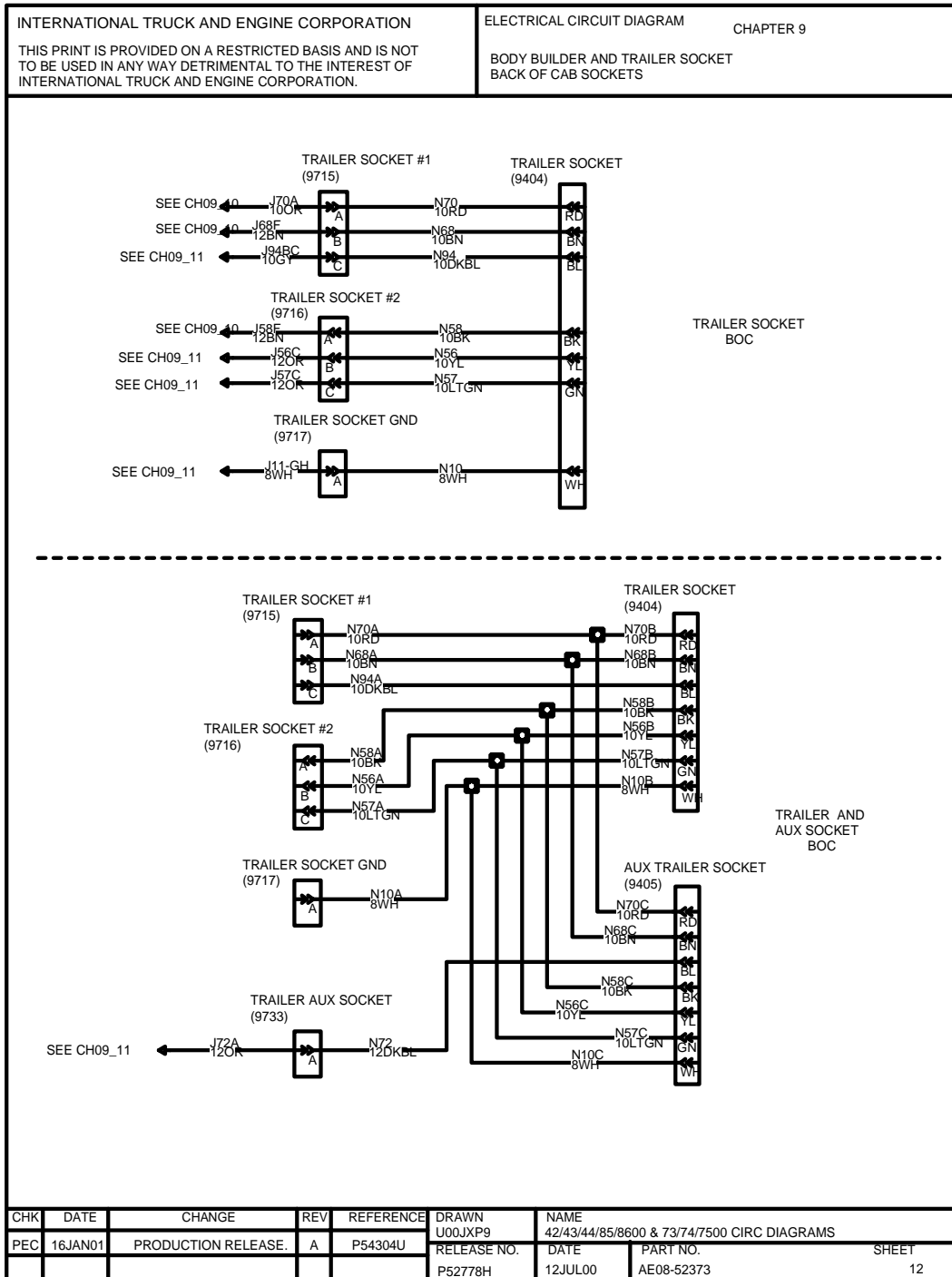


Figure 91 Body Builder and Trailer Socket Back of Cab Sockets

9.13. BODY BUILDER AND TRAILER SOCKET END OF FRAME (EOF) SOCKET AND BODY BUILDER, P. 13

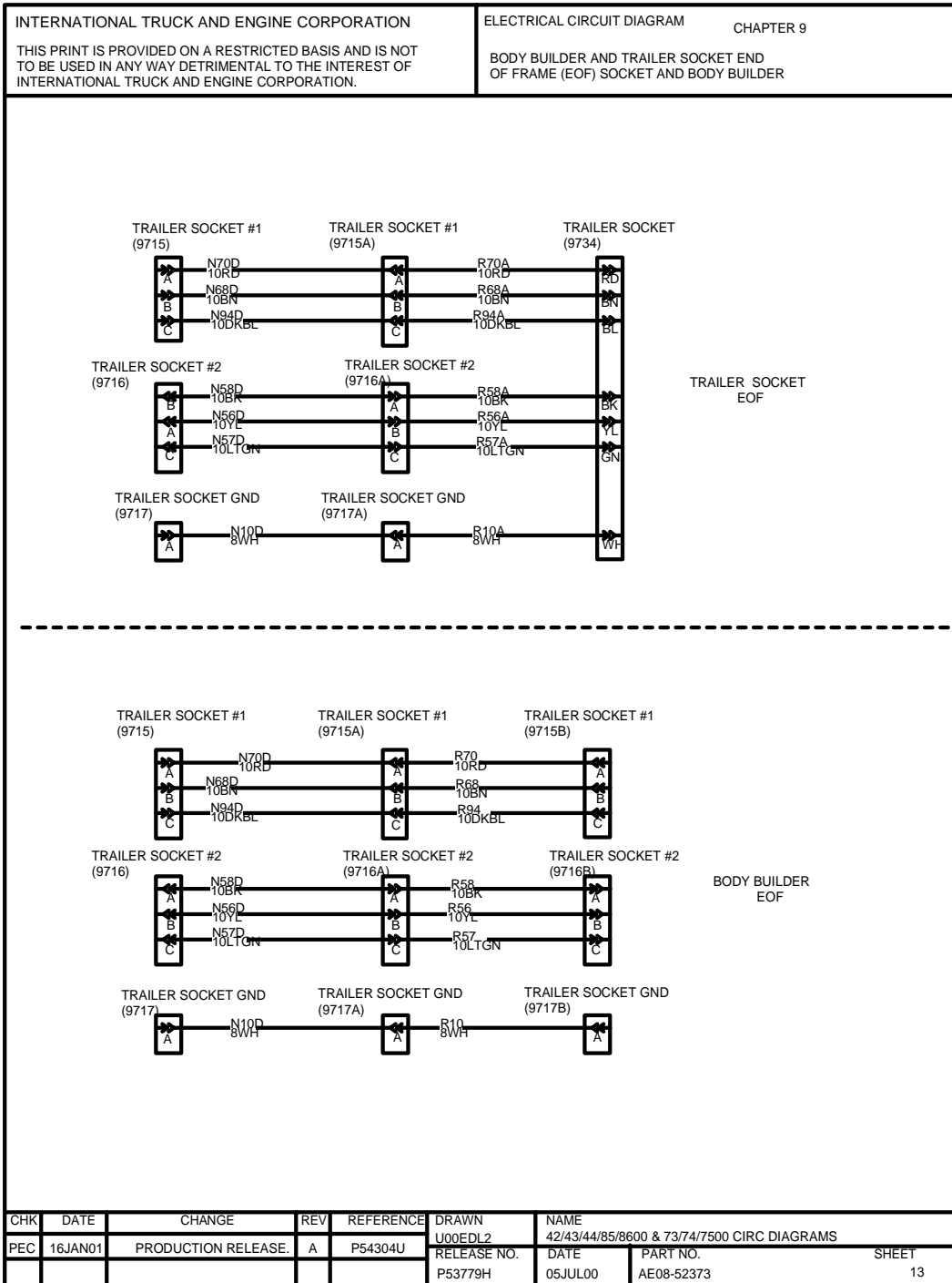


Figure 92 Body Builder and Trailer Socket End of Frame (EOF) Socket and Body Builder

9.14. AIR SOLENOID 4-WAY PACK, P. 14

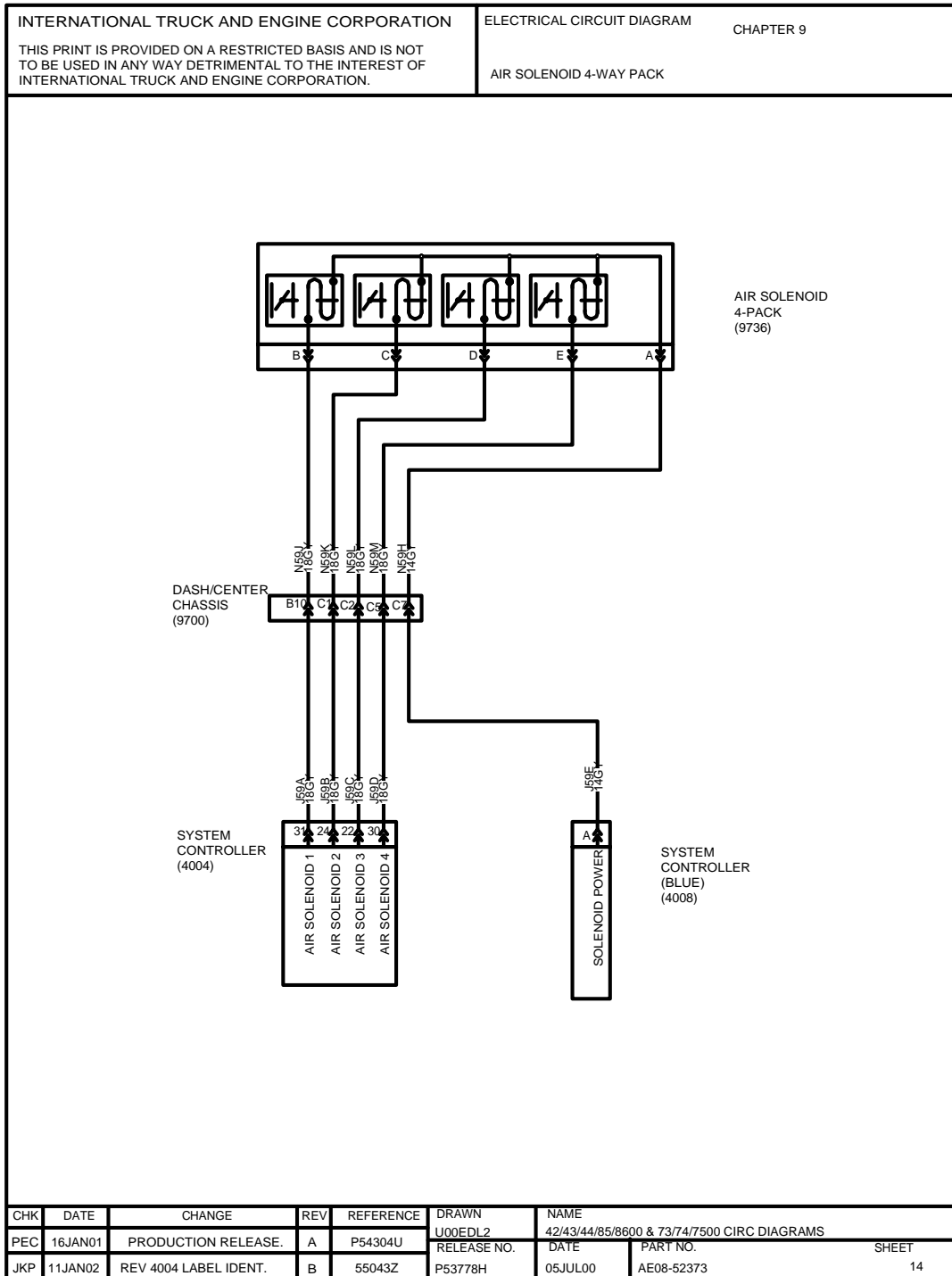


Figure 93 Air Solenoid 4-Way Pack

| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | |
|-----|---------|-----------------------|-----|-----------|---------|---|------|----------|-------|
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | |
| JKP | 11JAN02 | REV 4004 LABEL IDENT. | B | 55043Z | P53778H | 05JUL00 AE08-52373 | | | |
| | | | | | | RELEASE NO. | DATE | PART NO. | SHEET |
| | | | | | | | | | 14 |

9.15. REMOTE POWER UNITS, SOLENOID PACKS, REMOTE ENGINE SPEED CONTROLLER, P. 15

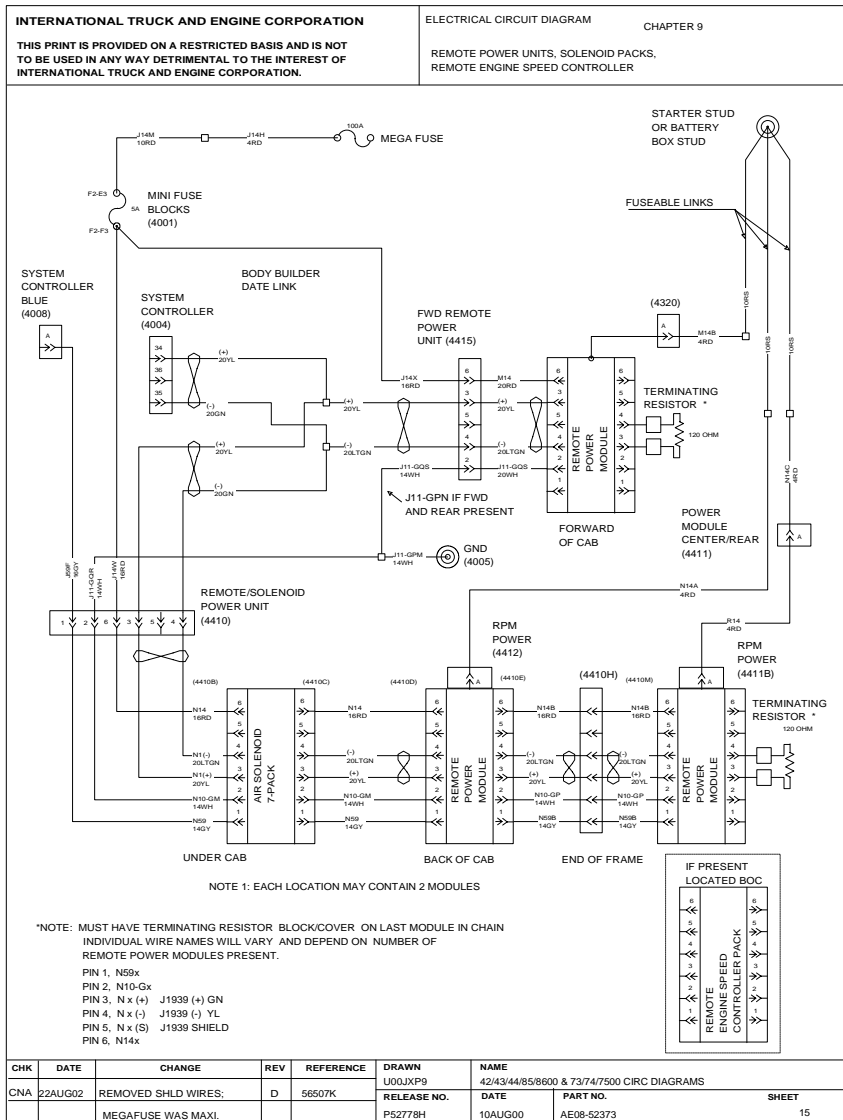


Figure 94 Remote Power Units, Solenoid Packs, Remote Engine Speed Controller

9.16. HYD POWER PARK, P. 16

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|--|---------|---------------------|-----|---|-------------|---|-------------|
| DIAGRAM NOT AVAILABLE | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | |
| PEC | 16JAN01 | PRODUCTION RELEASE. | A | P54304U | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | |
| | | | | | RELEASE NO. | DATE | PART NO. |
| | | | | | P52778H | 10JUL00 | AE08-52373 |
| | | | | | | | SHEET 16 |

Figure 95 HYD Power Park

9.17. AIR SUSPENSION, P. 17

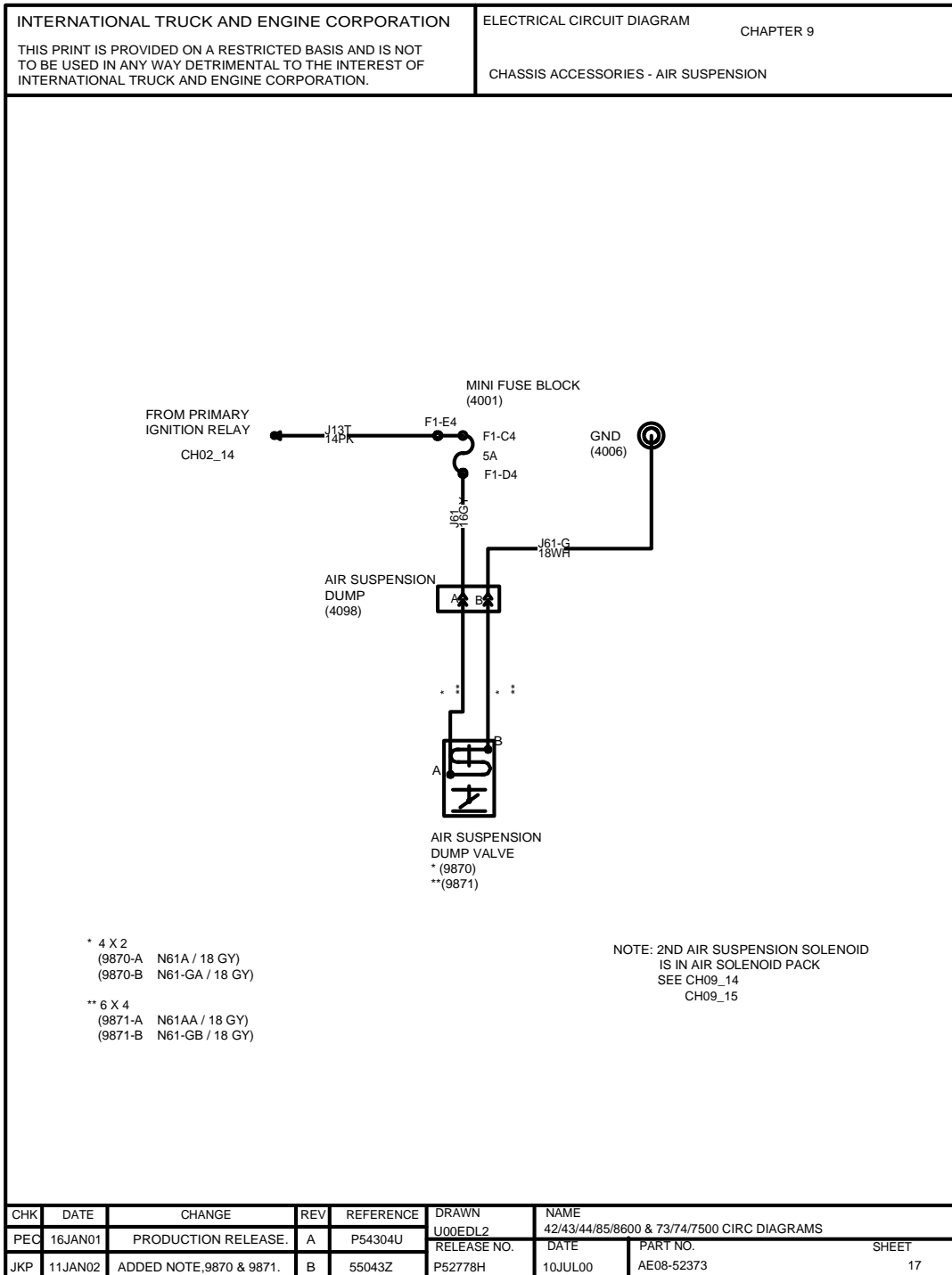


Figure 96 Air Suspension

9.18. AUX. TRAILER, ACC CONTROLLED, P. 18

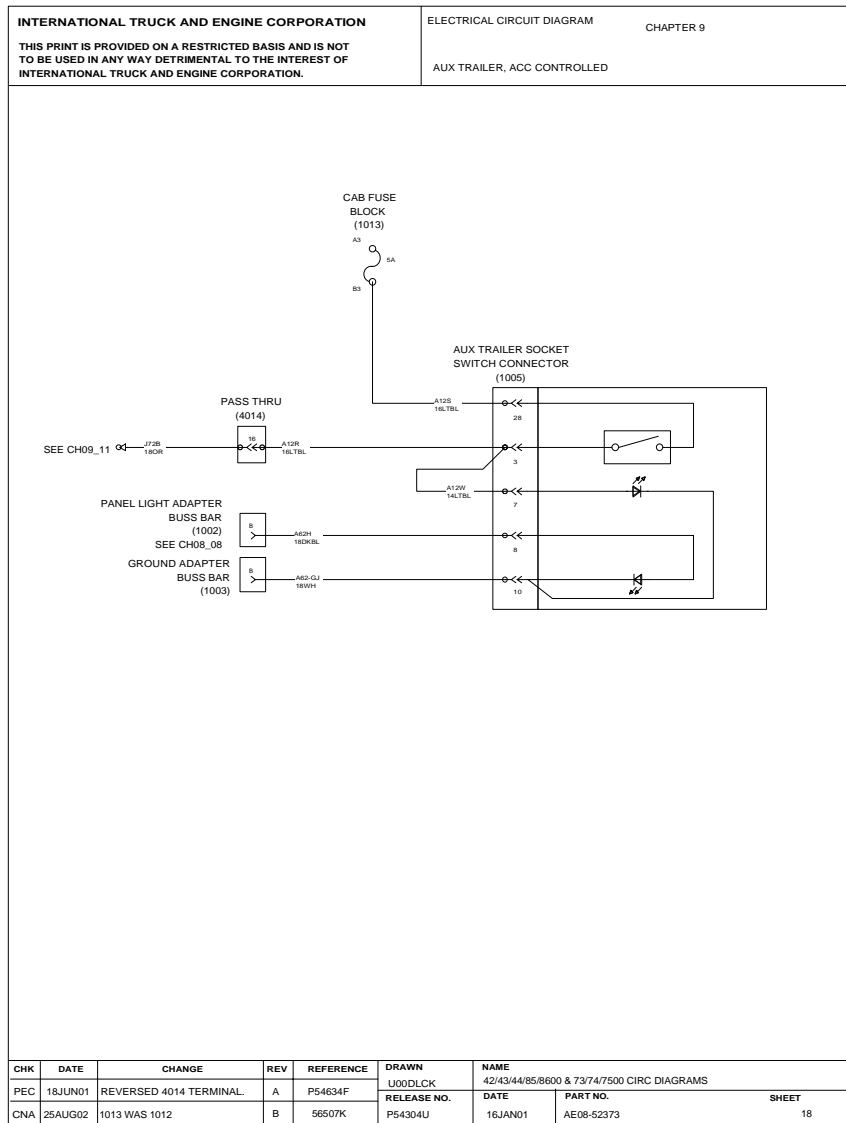


Figure 97 Aux. Trailer, Acc Controlled

9.19. AUX. TRAILER, BTRY CONTROLLED, P. 19

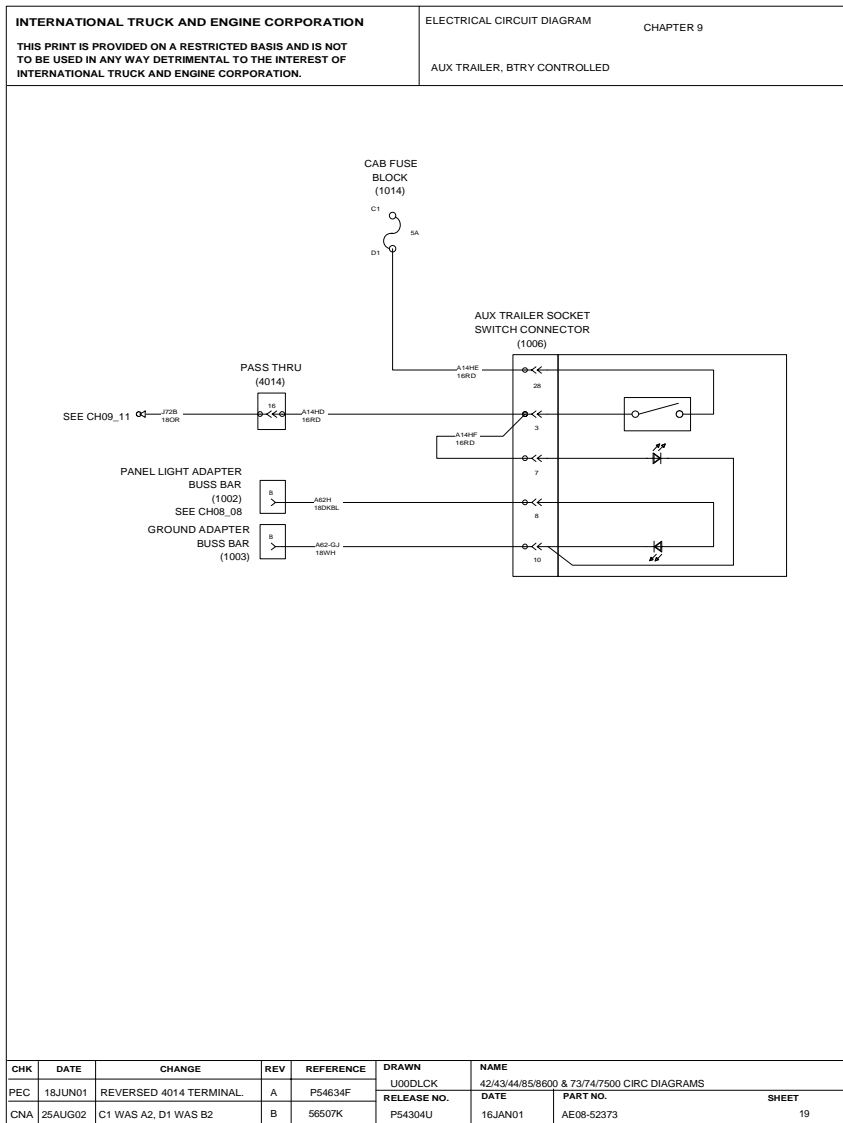


Figure 98 Aux. Trailer, Btry Controlled

9.20. LIFT AXLES (NON-STEERABLE), P. 20

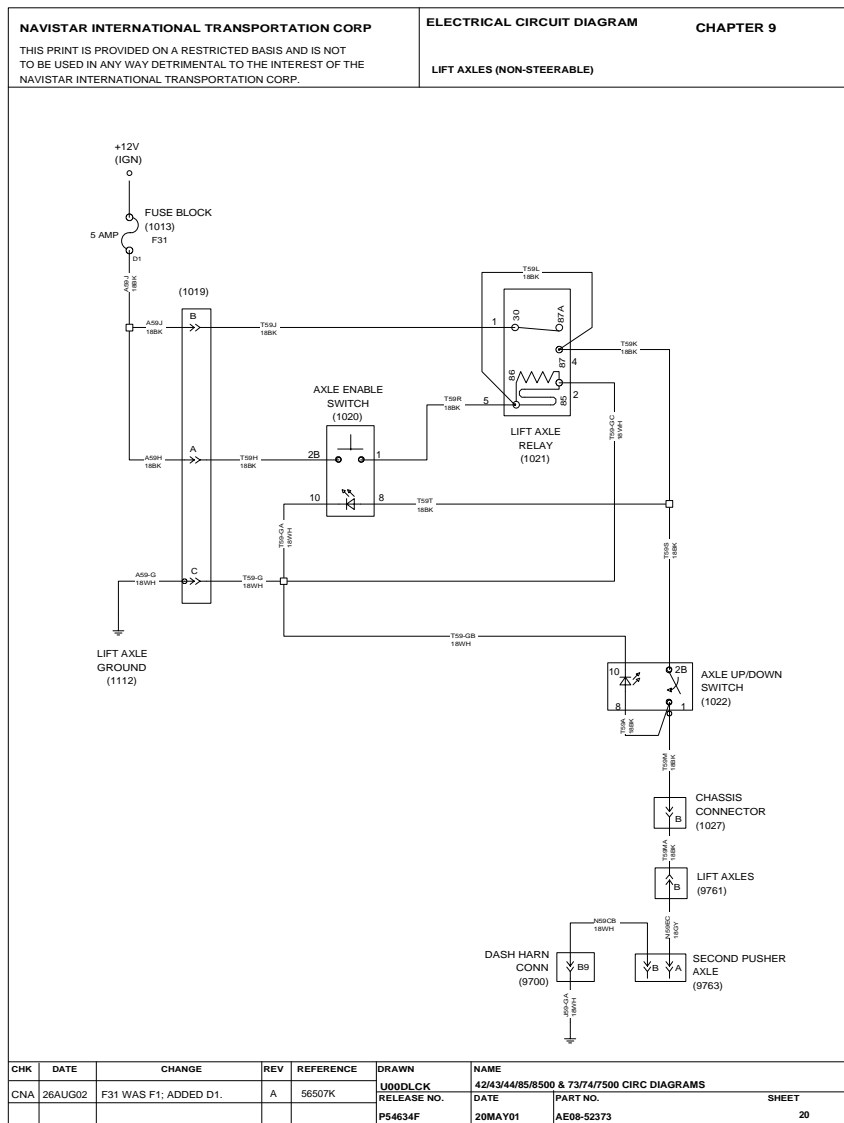


Figure 99 Lift Axles (Non-Steerable)

9.21. LIFT AXLES (STEERABLE), P. 21

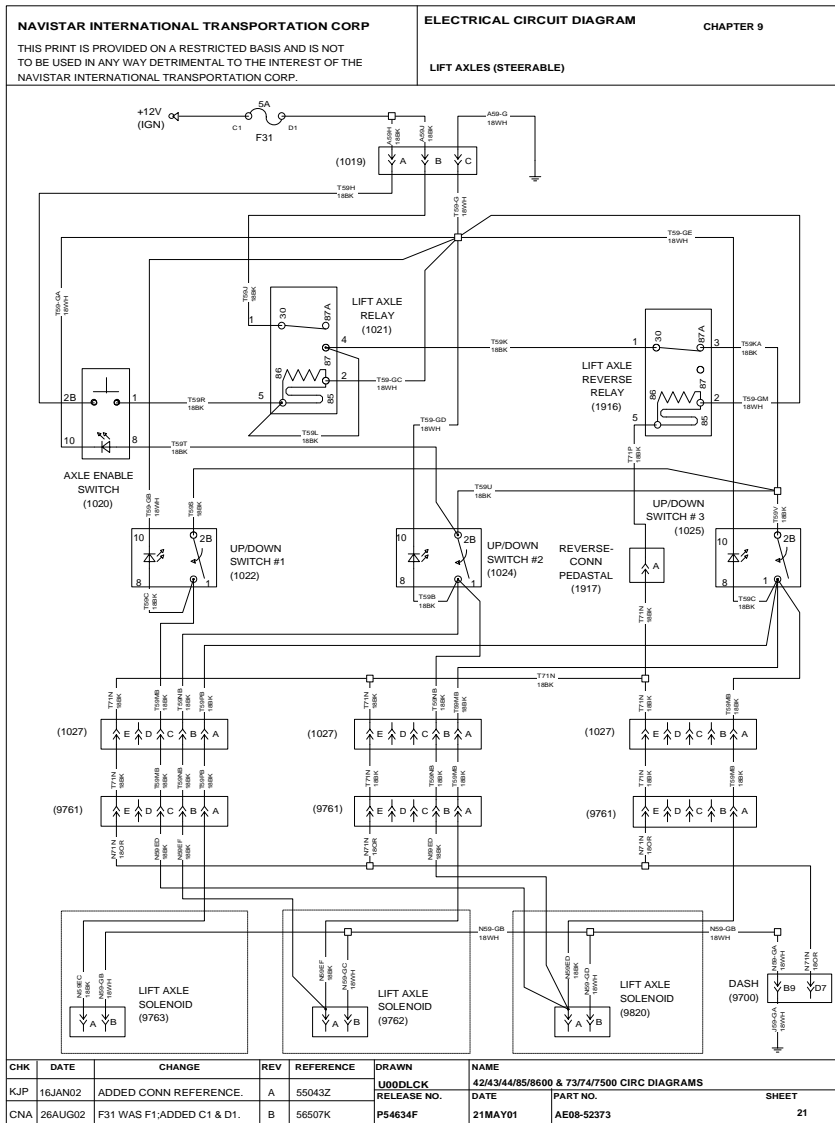


Figure 100 Lift Axles (Non-Steerable)

9.22. AIR ACTUATED PARK BRAKE, P. 22

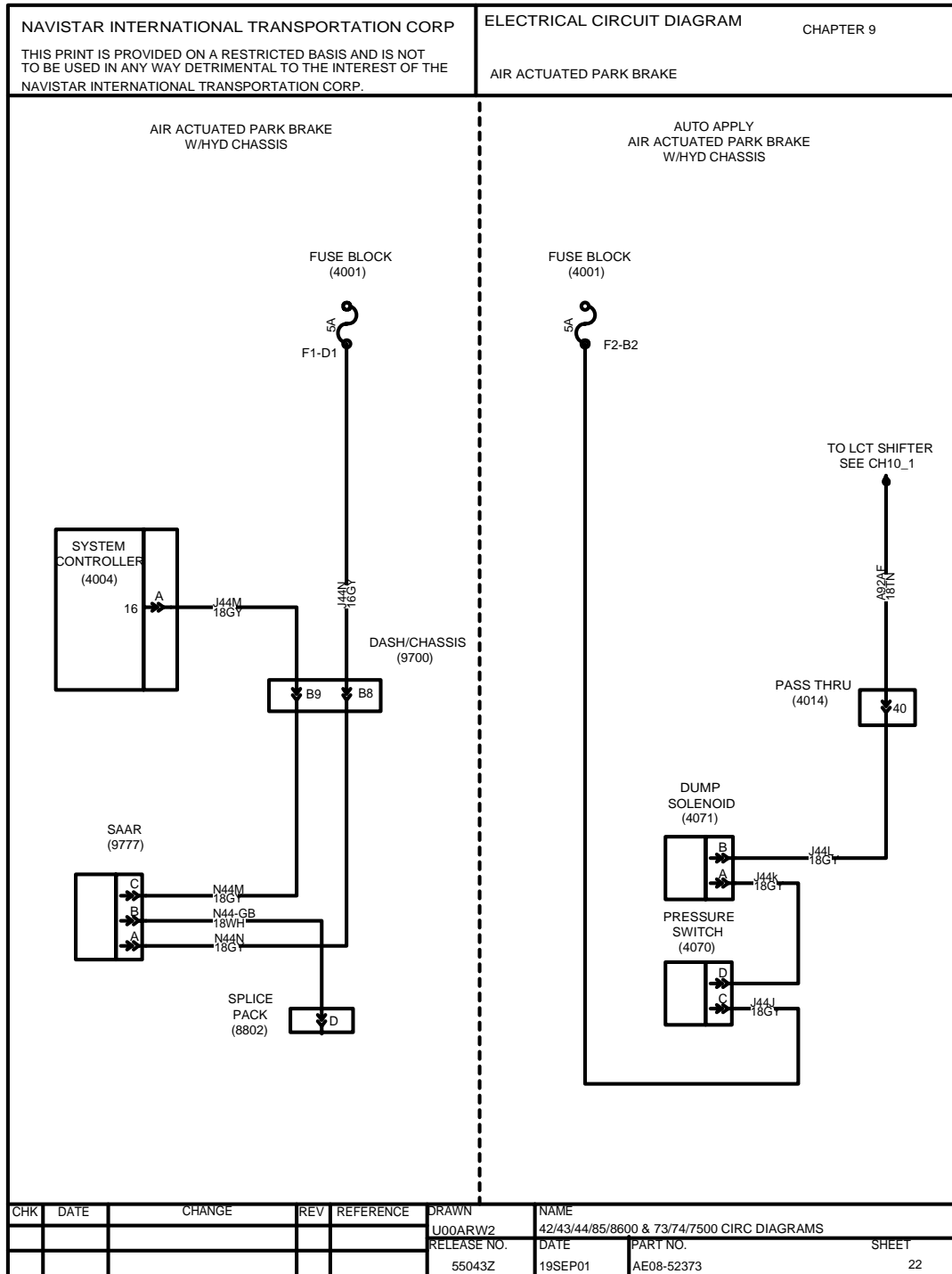


Figure 101 Air Actuated Park Brake

9.23. ANTILOCK BRAKE SYSTEM, WABCO AIR, P. 23

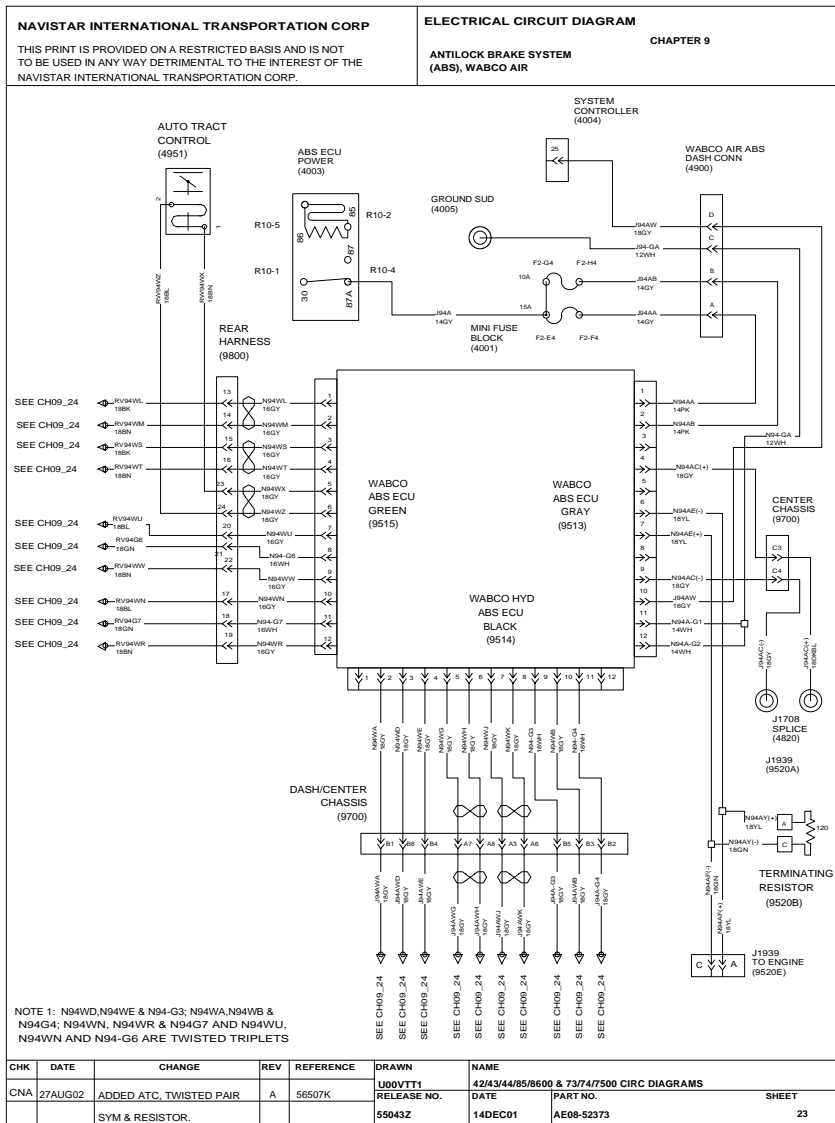


Figure 102 Antilock Brake System, WABCO Air

9.24. ANTILOCK BRAKE SYSTEM, WABCO AIR, P. 24

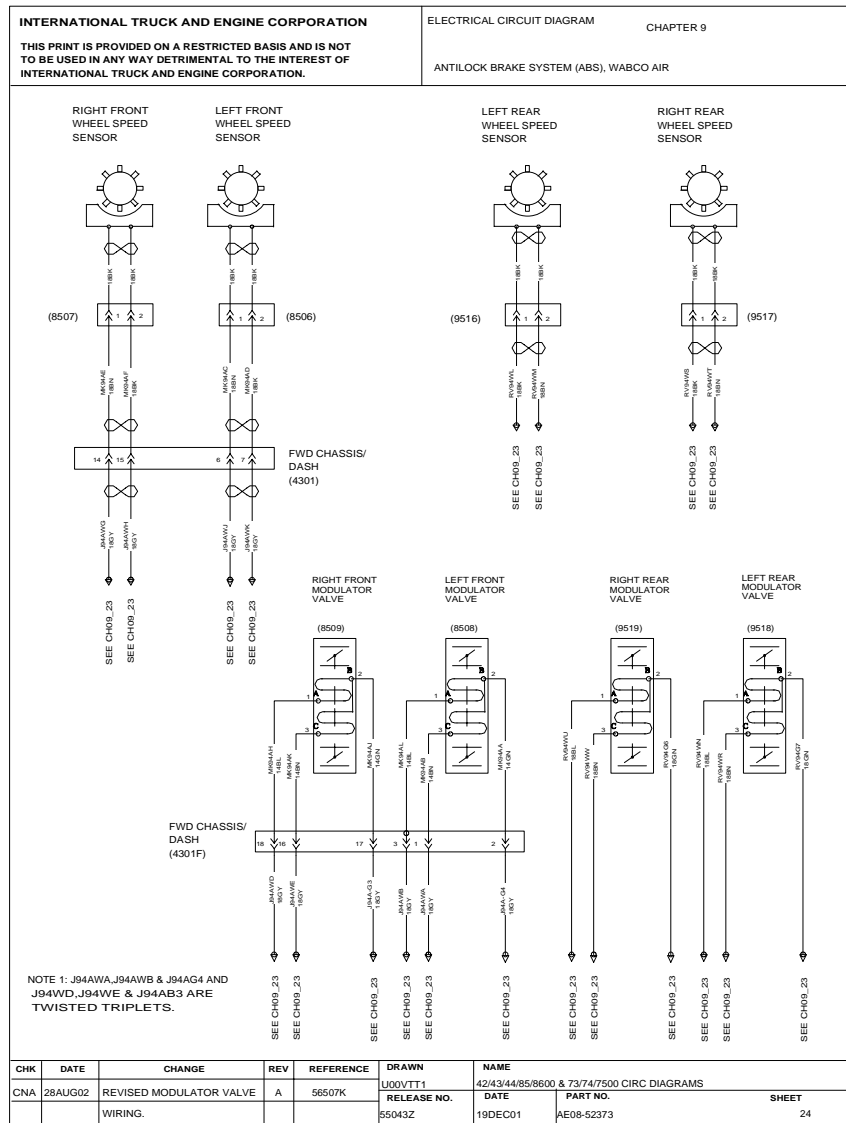


Figure 103 Antilock Brake System, WABCO Air

9.26. FUEL / WATER SEPARATOR WITH 12VDC FUEL PREHEATER, P. 26

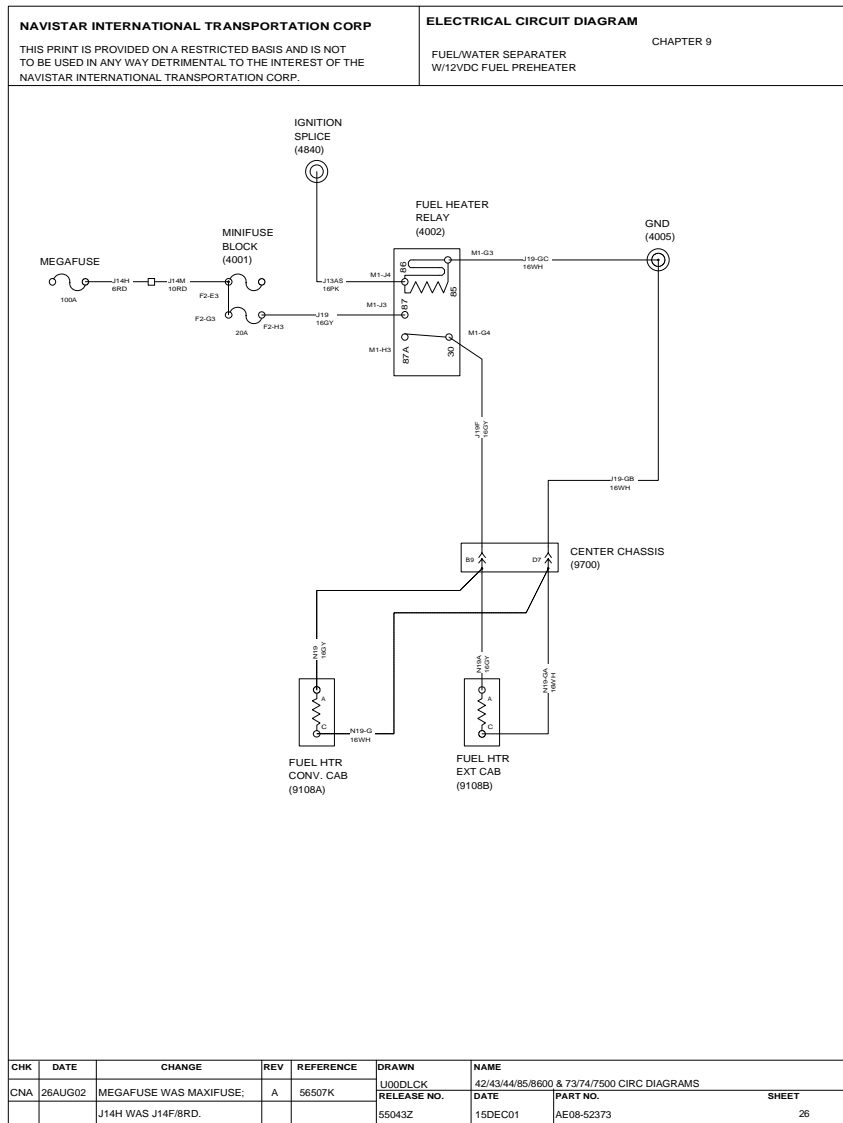


Figure 105 Fuel / Water Separator With 12VDC Fuel Preheater

10. TRANSMISSIONS (CHAPTER 10)

10.1. ALLISON LCT TRANSMISSION, P. 1

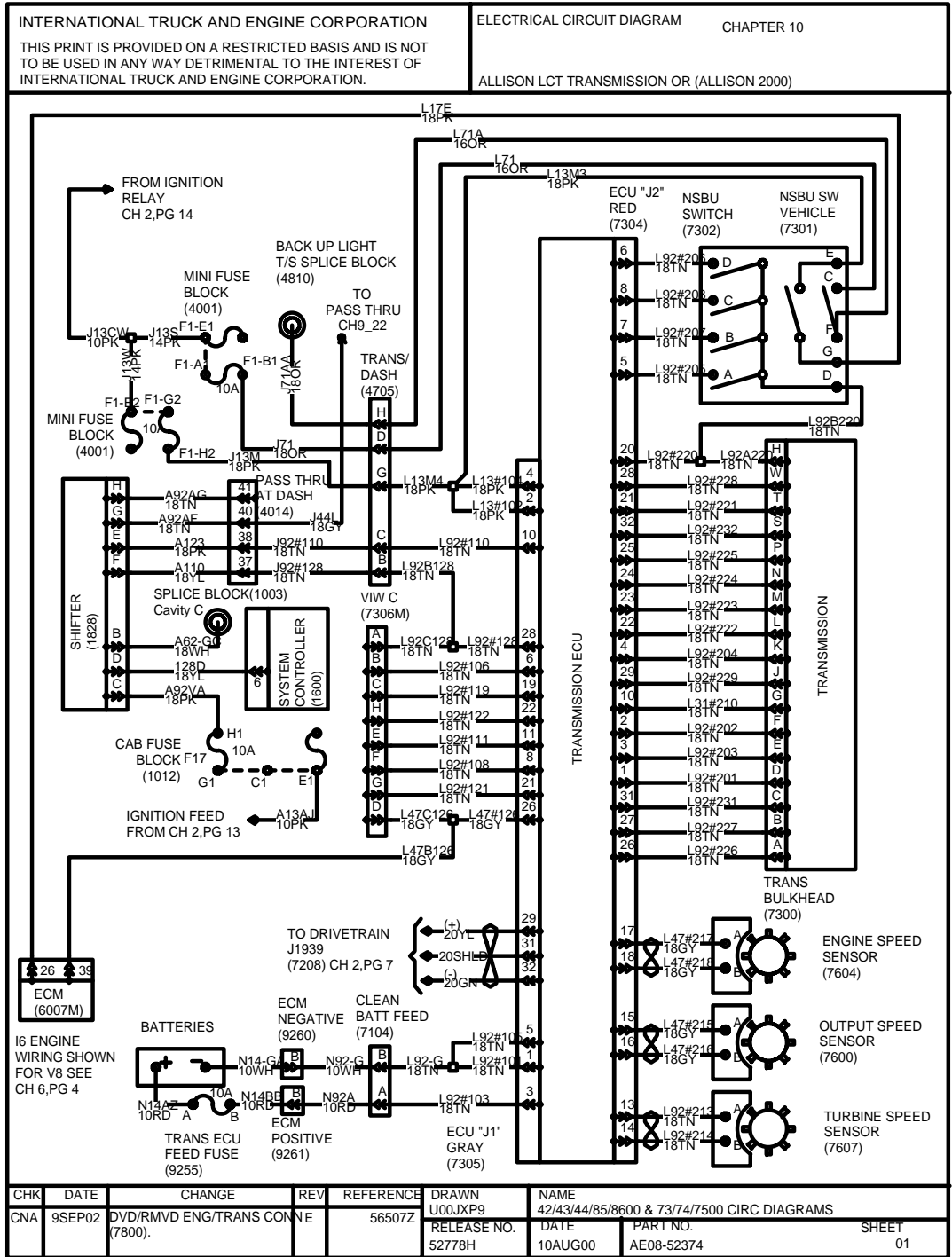


Figure 106 Allison LCT Transmission

10.2. ALLISON MD TRANSMISSION, P. 2

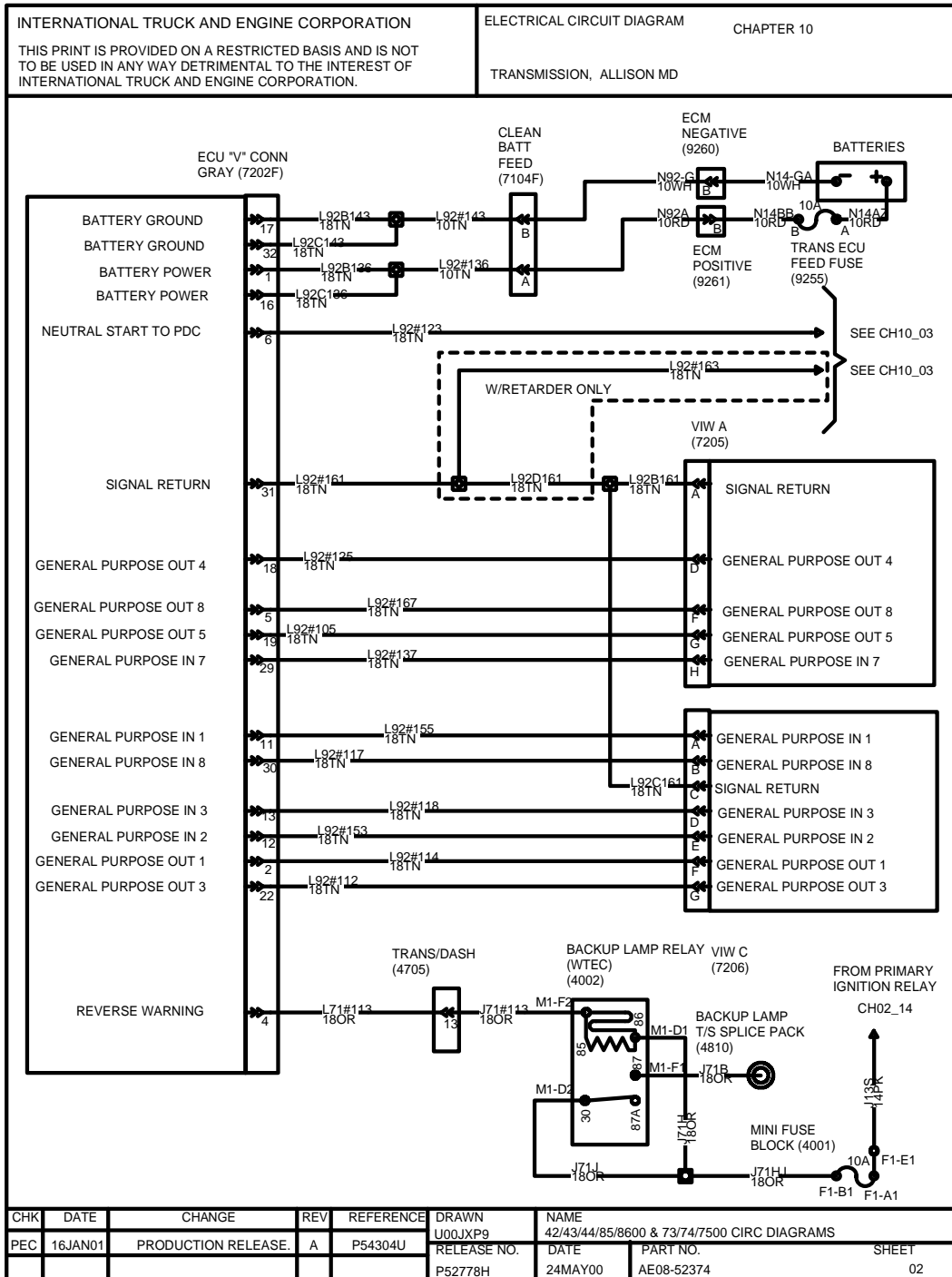


Figure 107 Allison MD Transmission

10.3. ALLISON MD TRANSMISSION (CONT.), P. 3

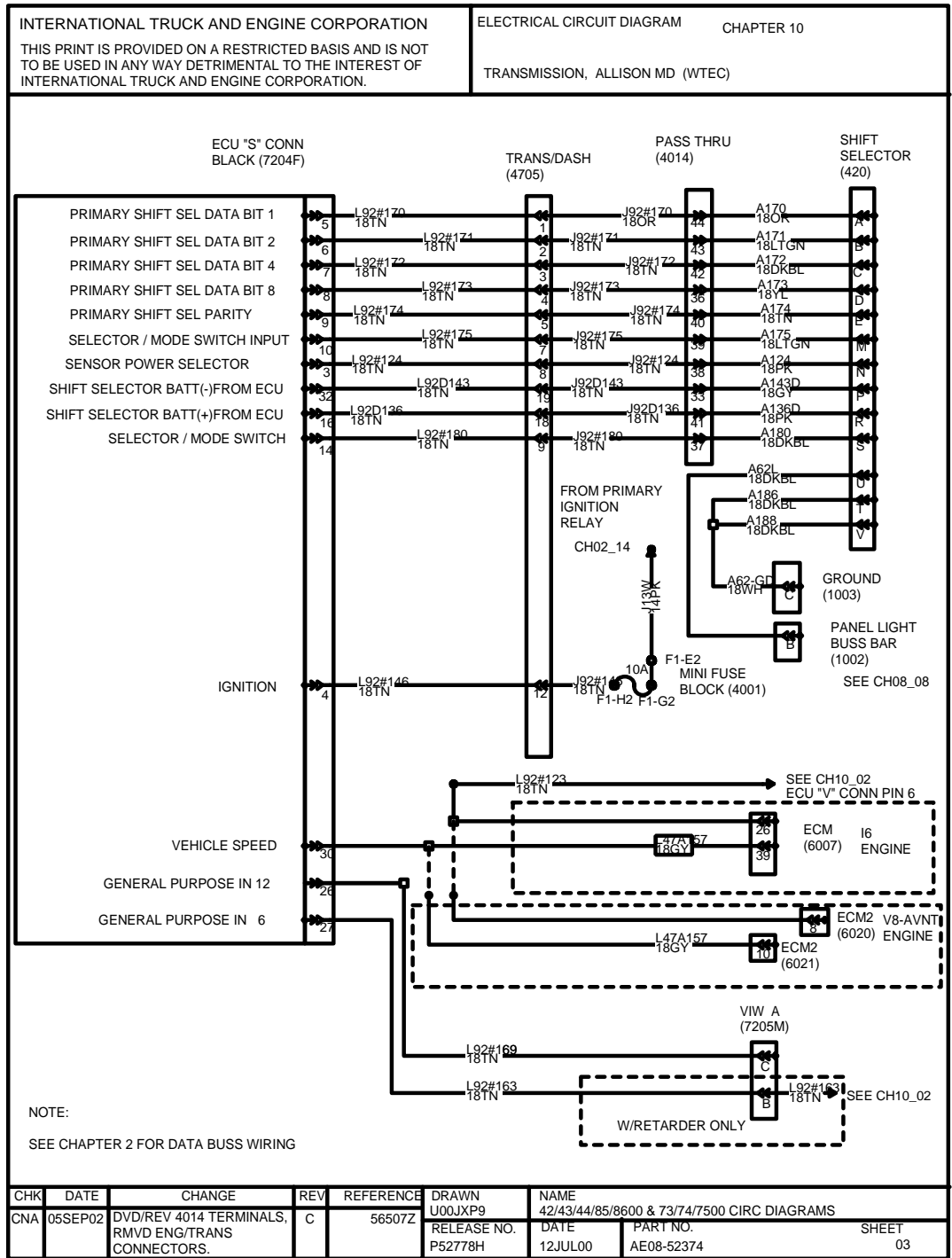


Figure 108 Allison MD Transmission (Cont.)

10.4. ALLISON MD TRANSMISSION (CONT.), P. 4

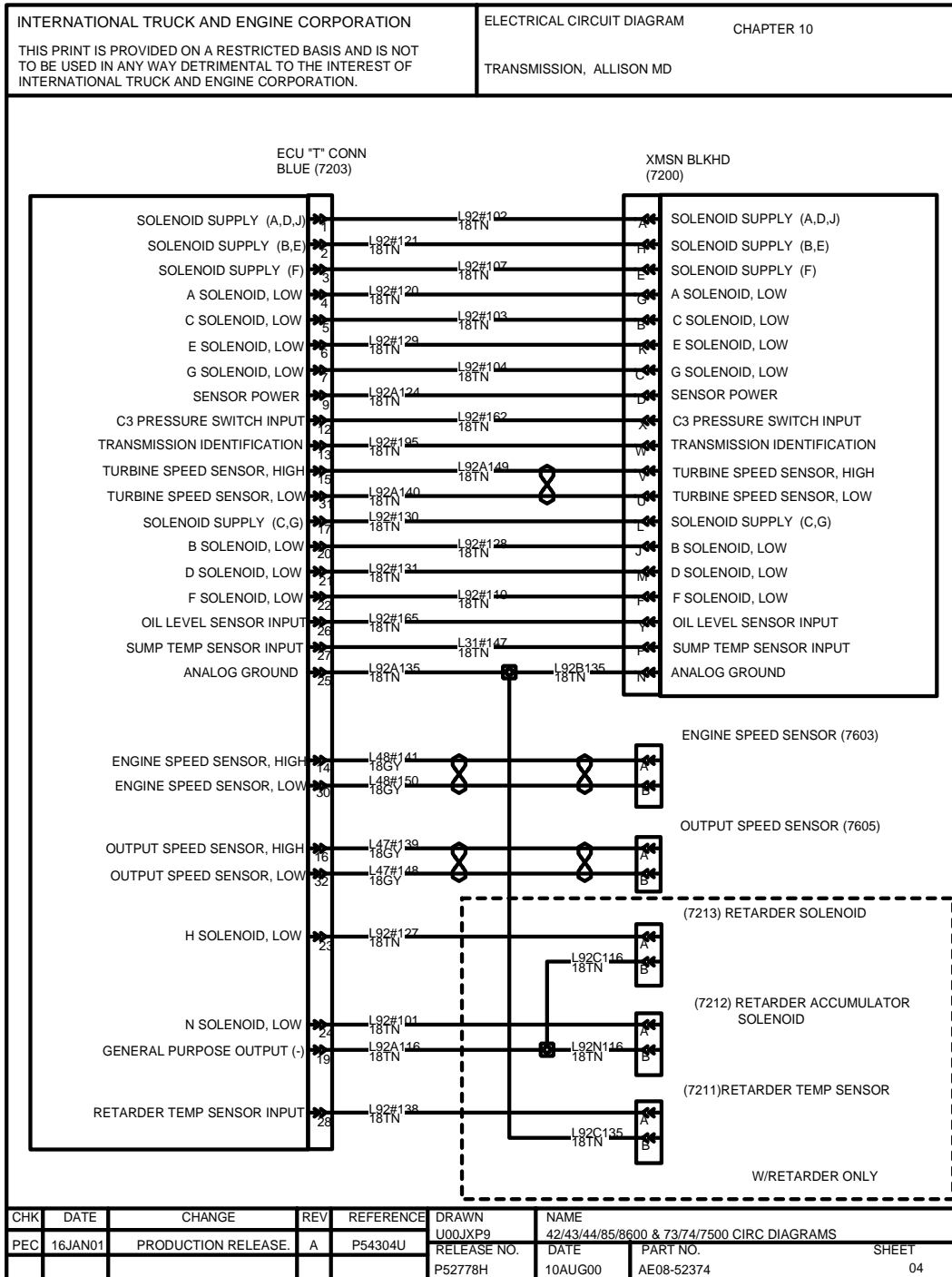


Figure 109 Allison MD Transmission (Cont.)

10.5. TRANSMISSION, WTEC MD W/AUTO NEUTRAL, P. 5

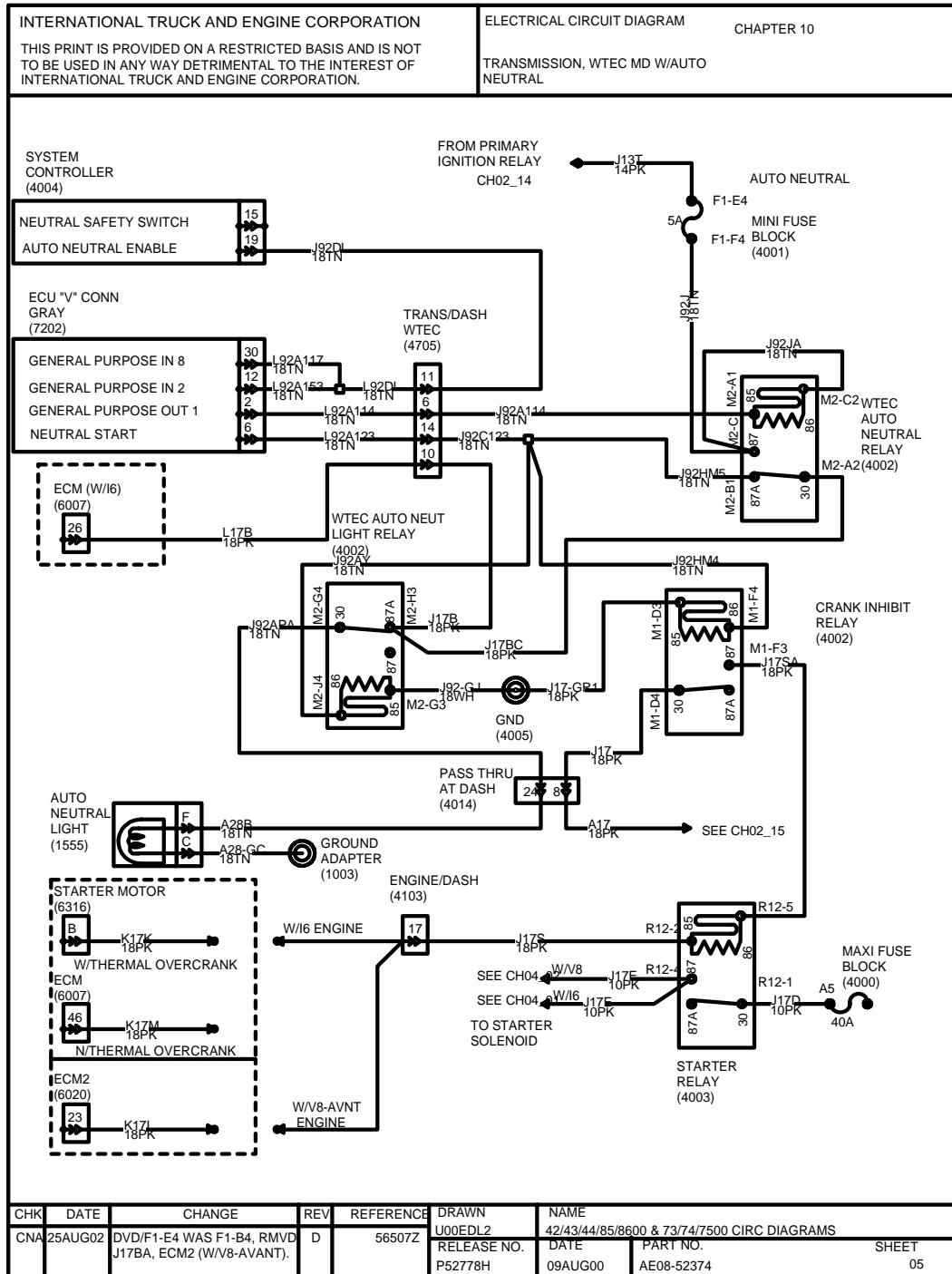


Figure 110 Transmission, WTEC MD W/Auto Neutral

10.6. EATON AUTOSHIFT TRANSMISSION, P. 6

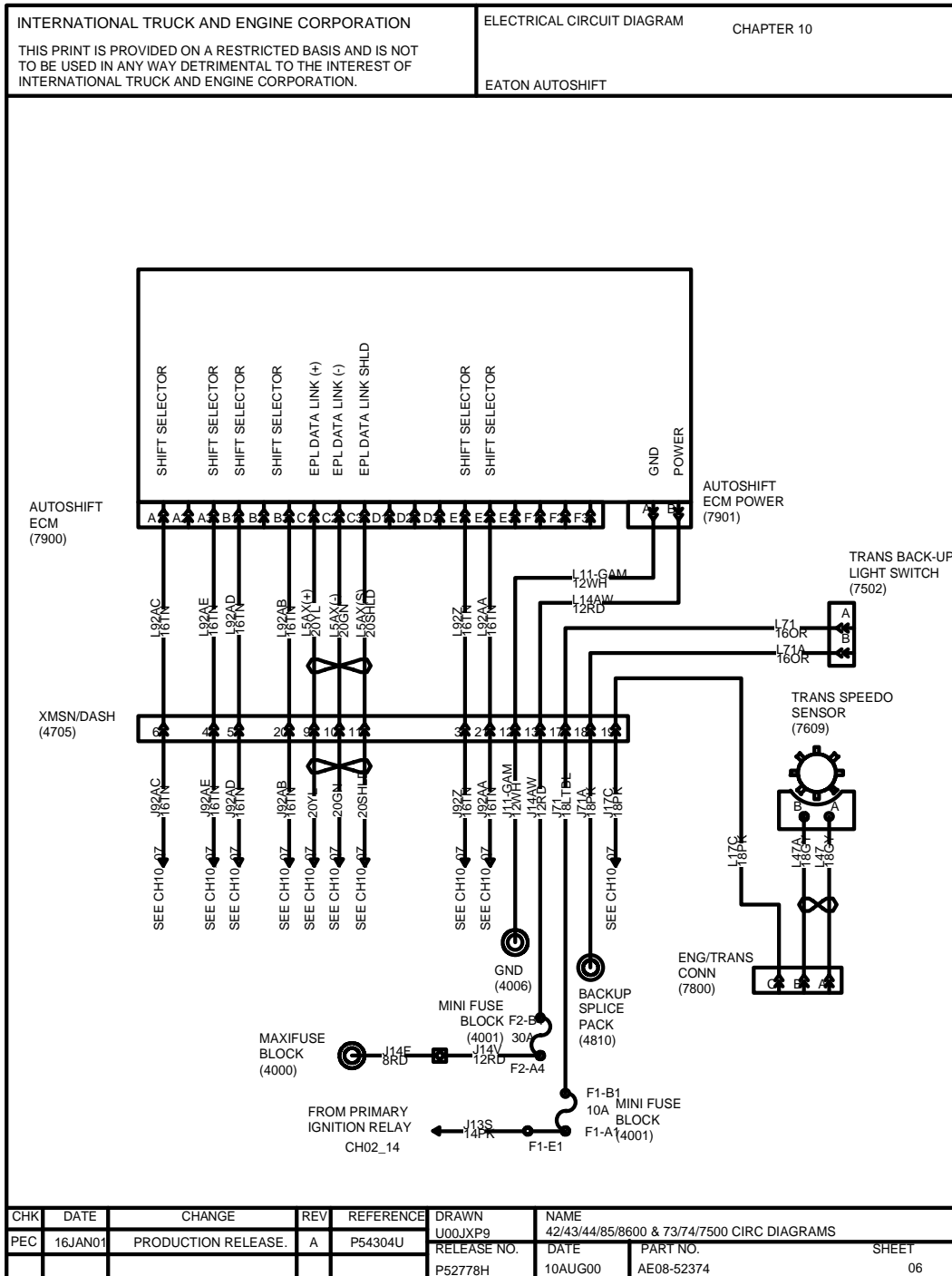


Figure 111 Eaton Autoshift Transmission

10.7. EATON AUTOSHIFT TRANSMISSION (CONT.), P. 7

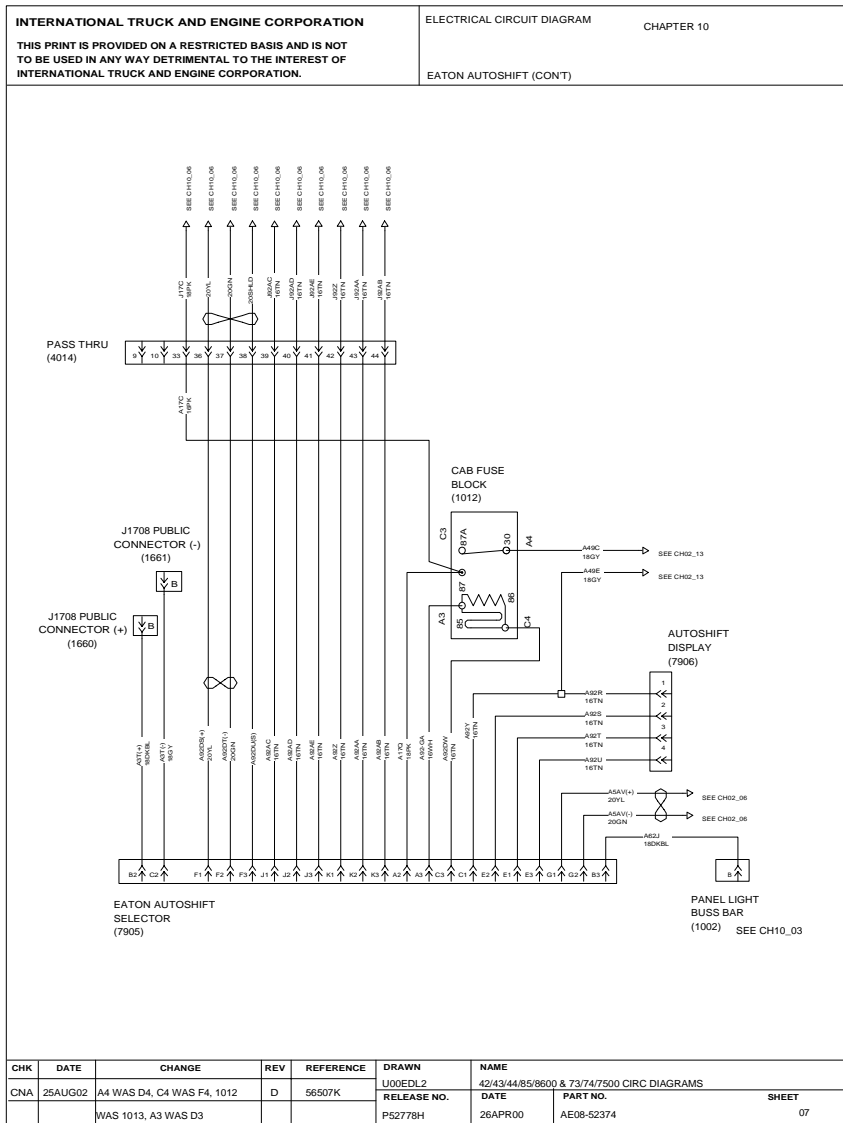


Figure 112 Eaton Autoshift Transmission (Cont.)

10.8. EATON LIGHTNING TRANSMISSION, P. 8

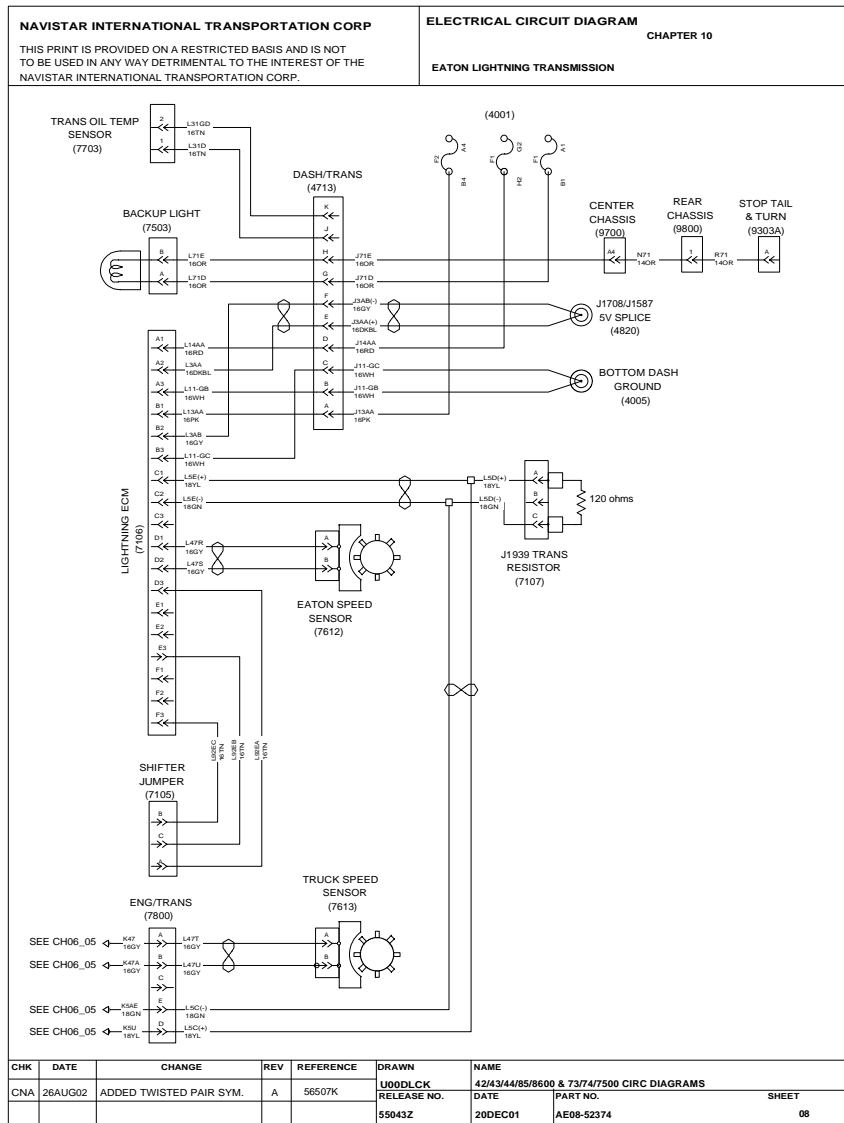


Figure 113 Eaton Autoshift Transmission (Cont.)

11. AIR CONDITIONING (CHAPTER 11)

11.1. HVAC SYSTEMS, P. 1

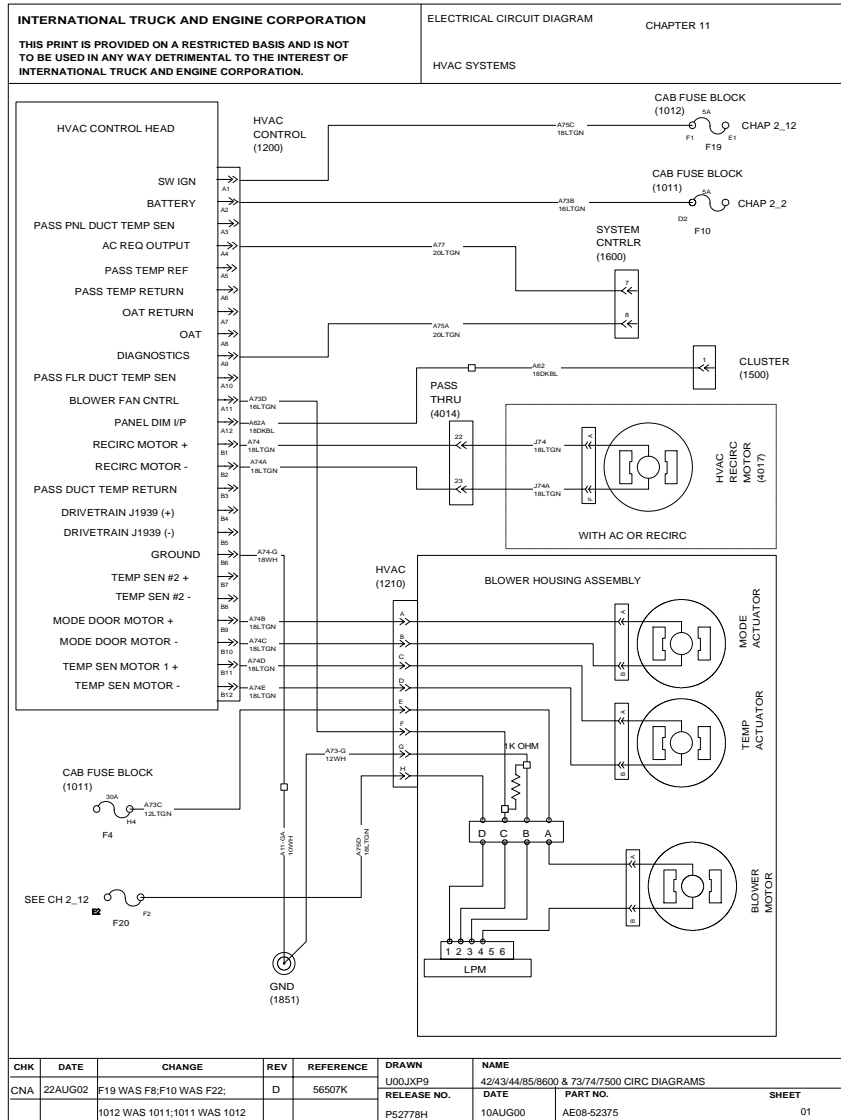


Figure 114 HVAC Systems

11.2. AIR CONDITIONING (ONLY), P. 2

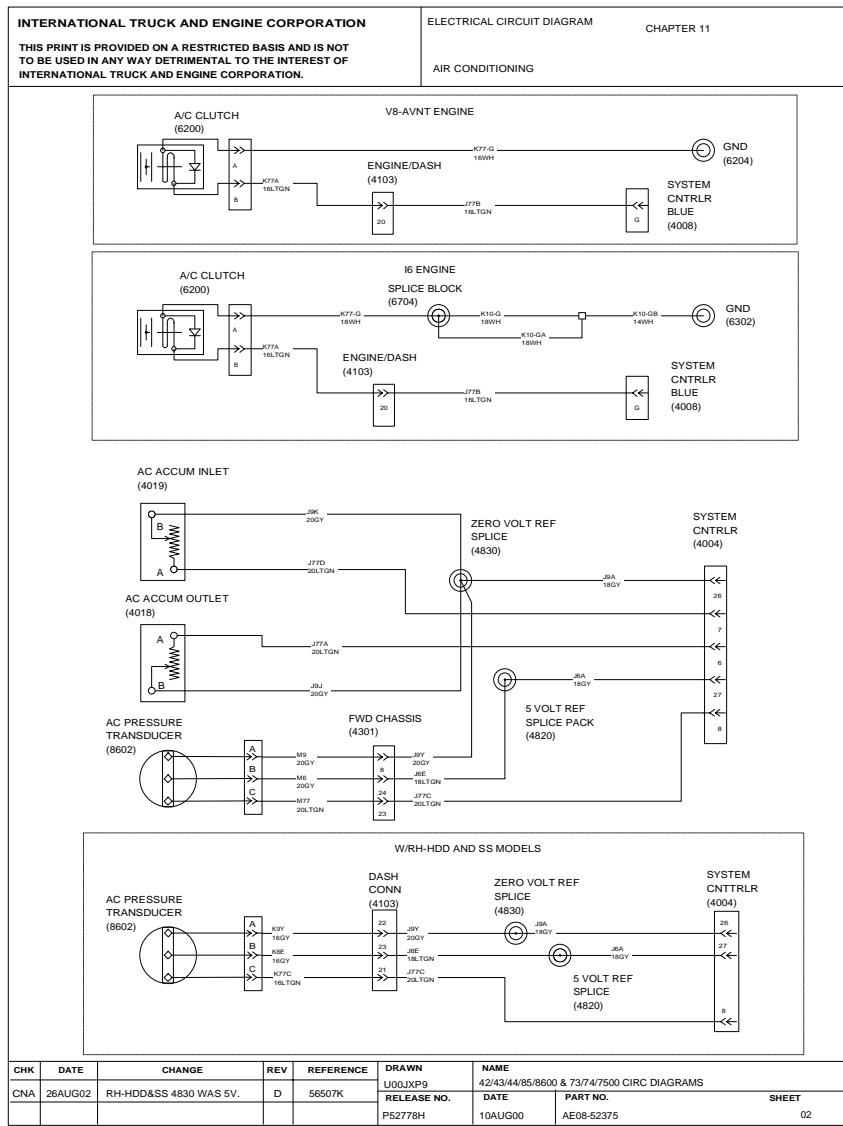


Figure 115 Air Conditioning (Only)

12. CONNECTOR COMPOSITES (CHAPTER 12)

12.1. CONNECTOR COMPOSITES (10M), (71), (72), (345F), P. 1

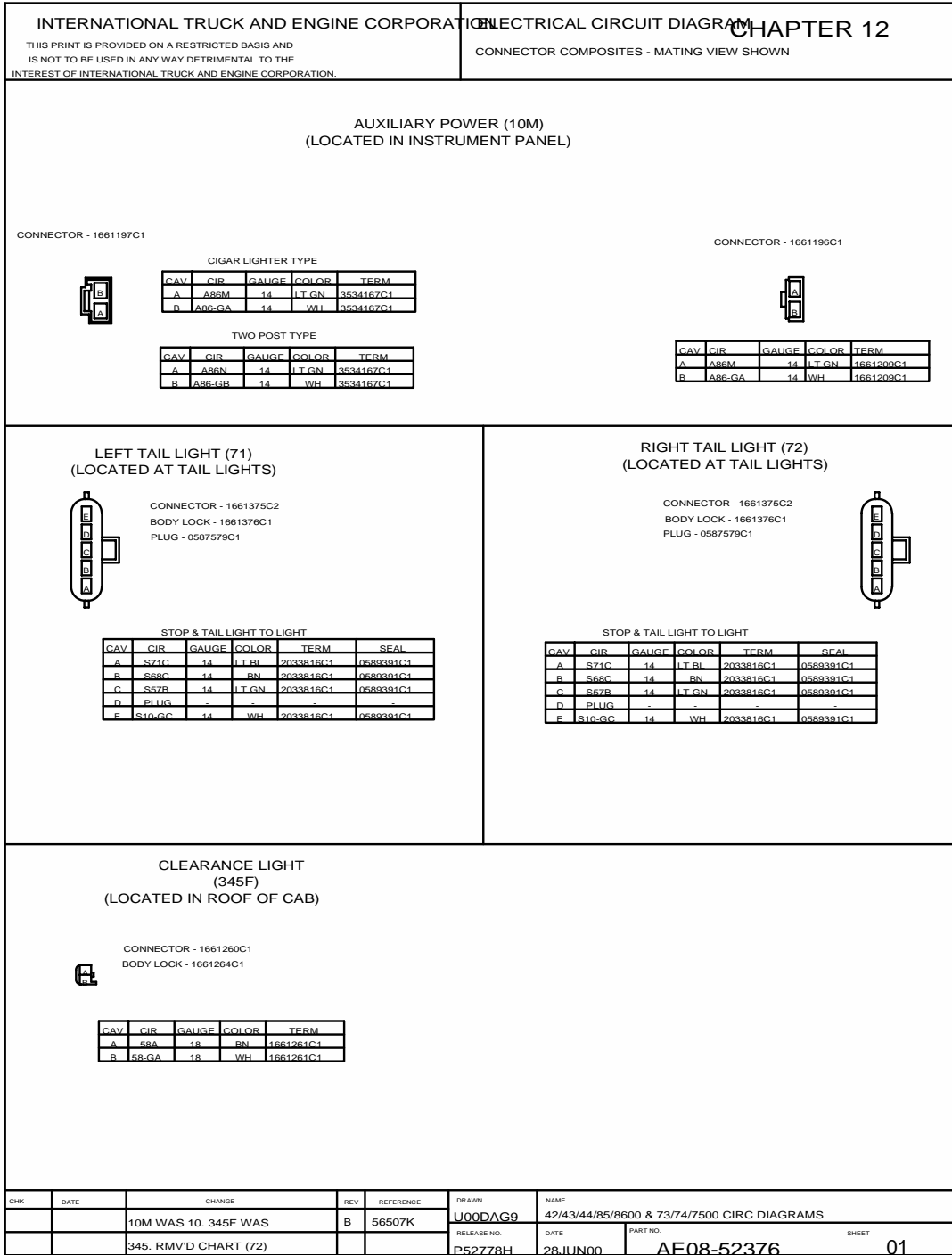


Figure 116 Connector Composites (10M), (71), (72), (345F)

12.2. CONNECTOR COMPOSITES (420F), (420M), (520), (521), (522), (523), (524), P. 2

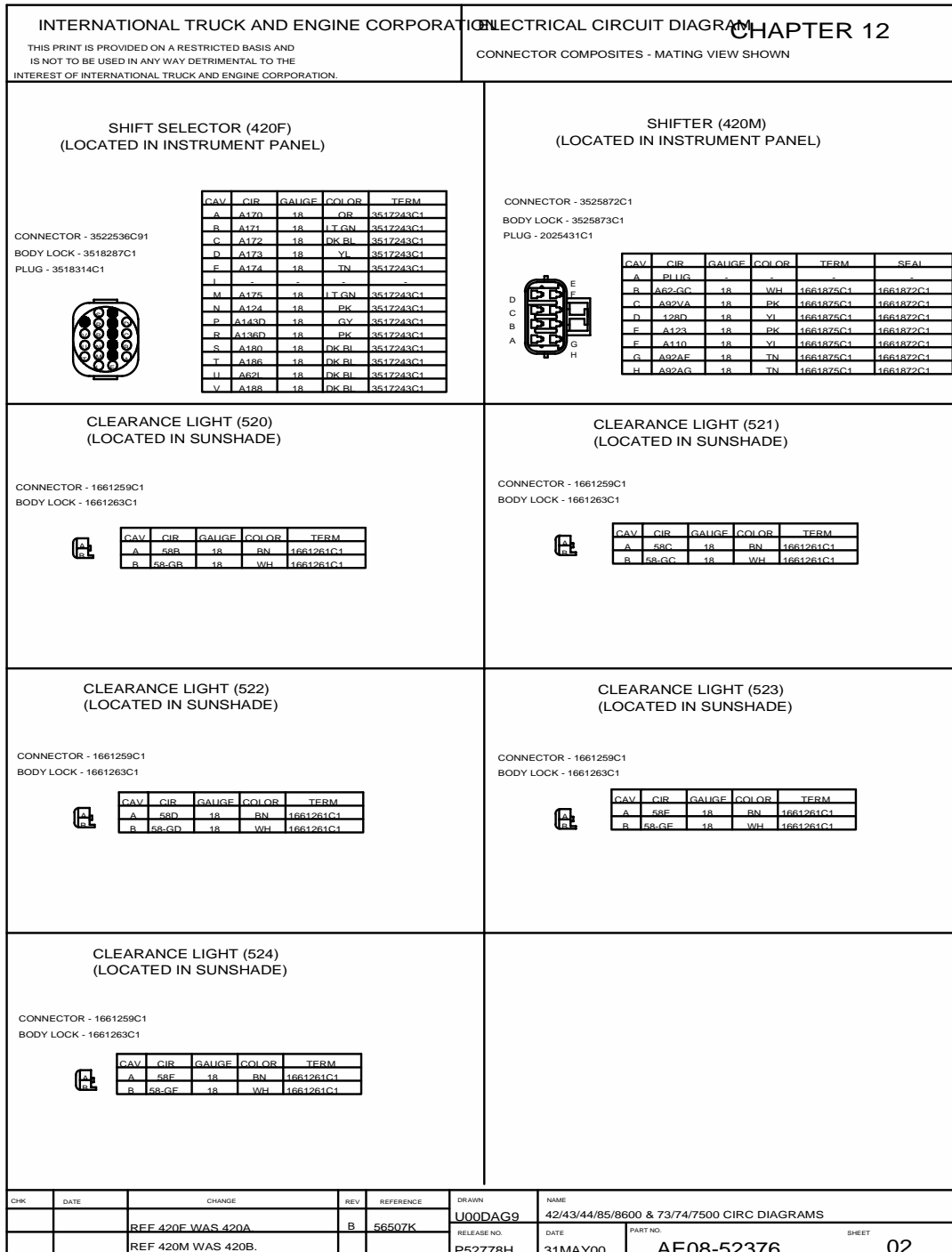


Figure 117 Connector Composites (420F), (420M), (520), (521), (522), (523), (524)

12.3. CONNECTOR COMPOSITES (1002), (1003), (1010), P. 3

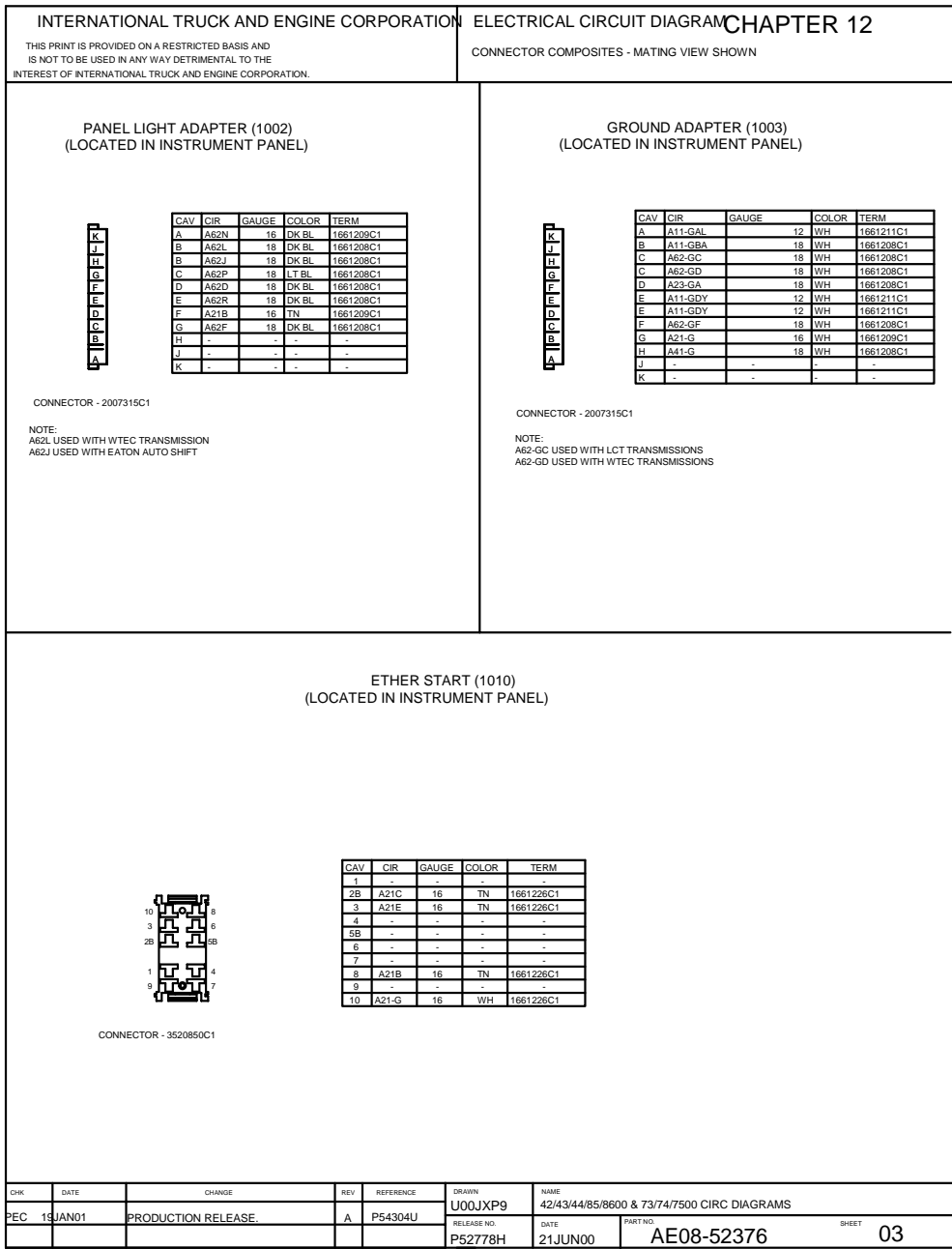


Figure 118 Connector Composites (1002), (1003), (1010)

12.4. CONNECTOR COMPOSITE (1011), P. 4

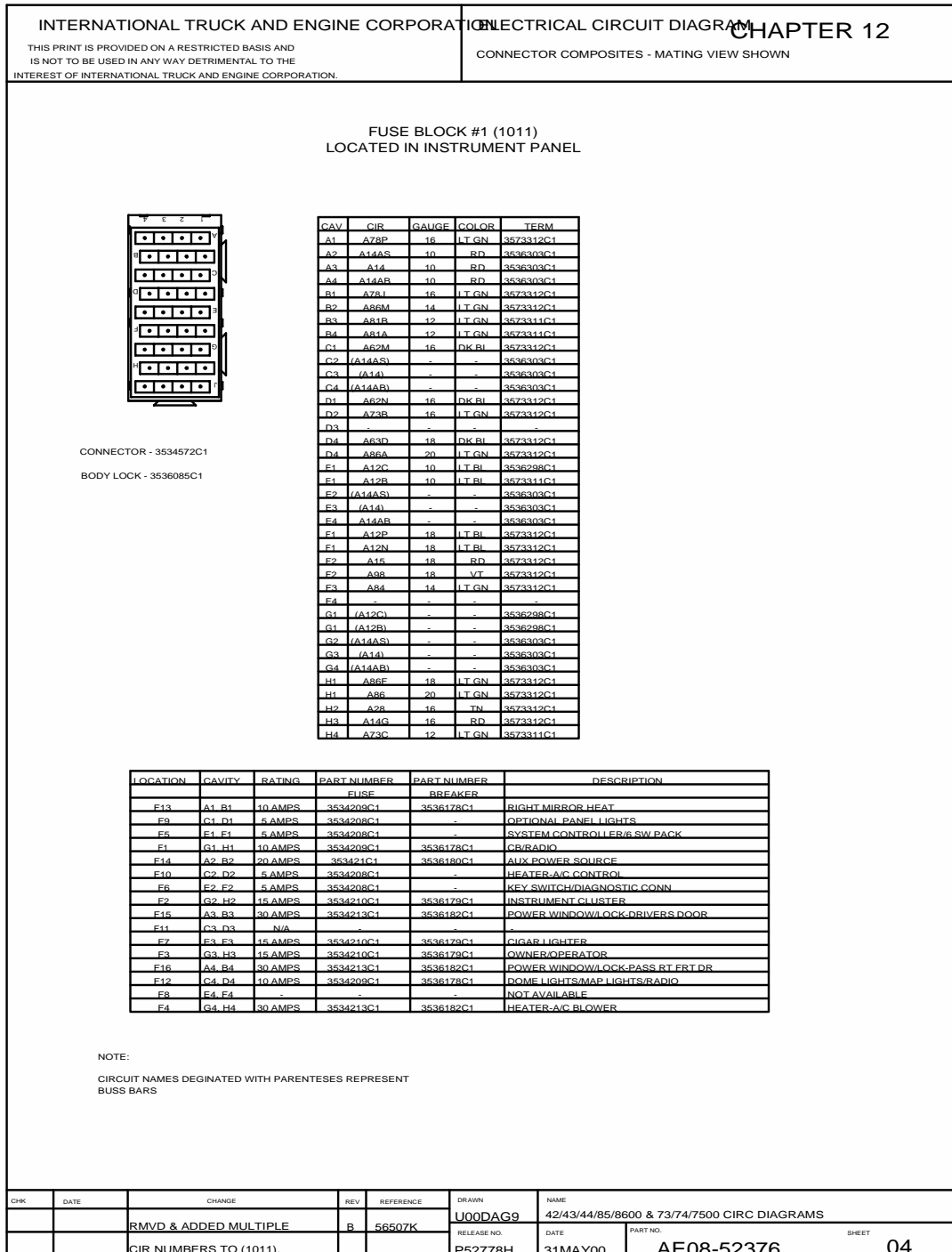


Figure 119 Connector Composite (1011)

12.5. CONNECTOR COMPOSITE (1012), P. 5

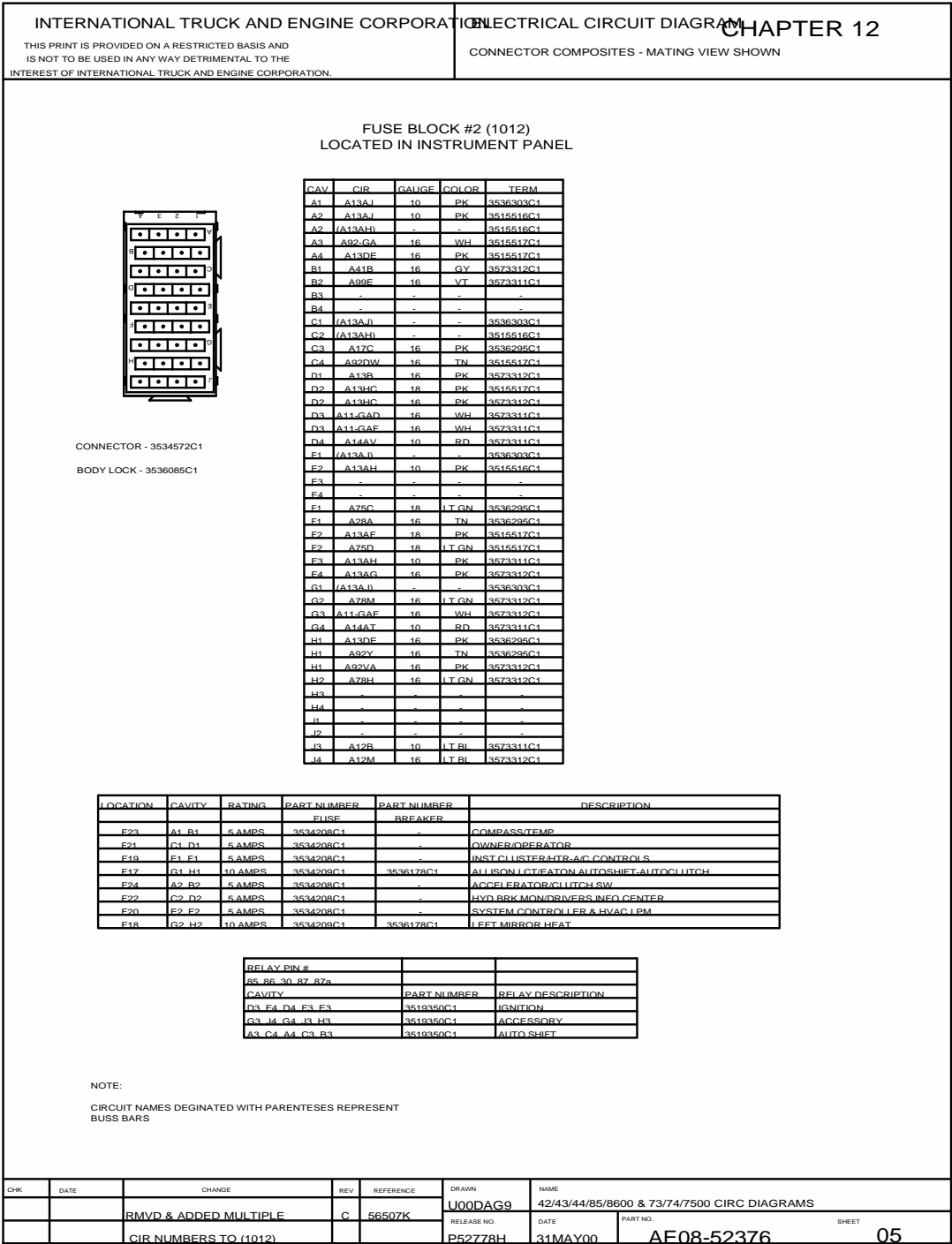


Figure 120 Connector Composite (1012)

12.6. CONNECTOR COMPOSITE (1013), P. 6

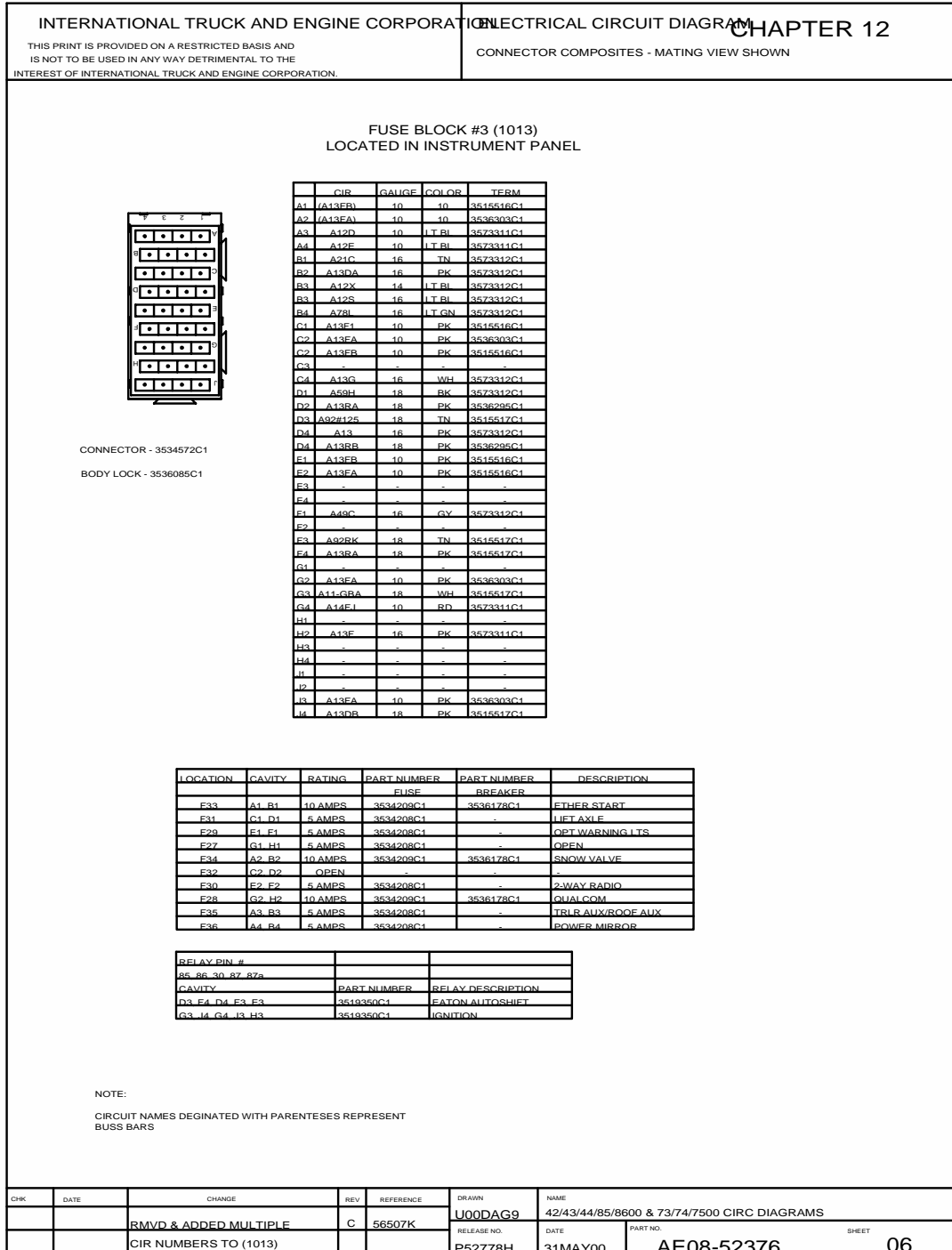


Figure 121 Connector Composite (1013)

12.7. CONNECTOR COMPOSITE (1014), P. 7

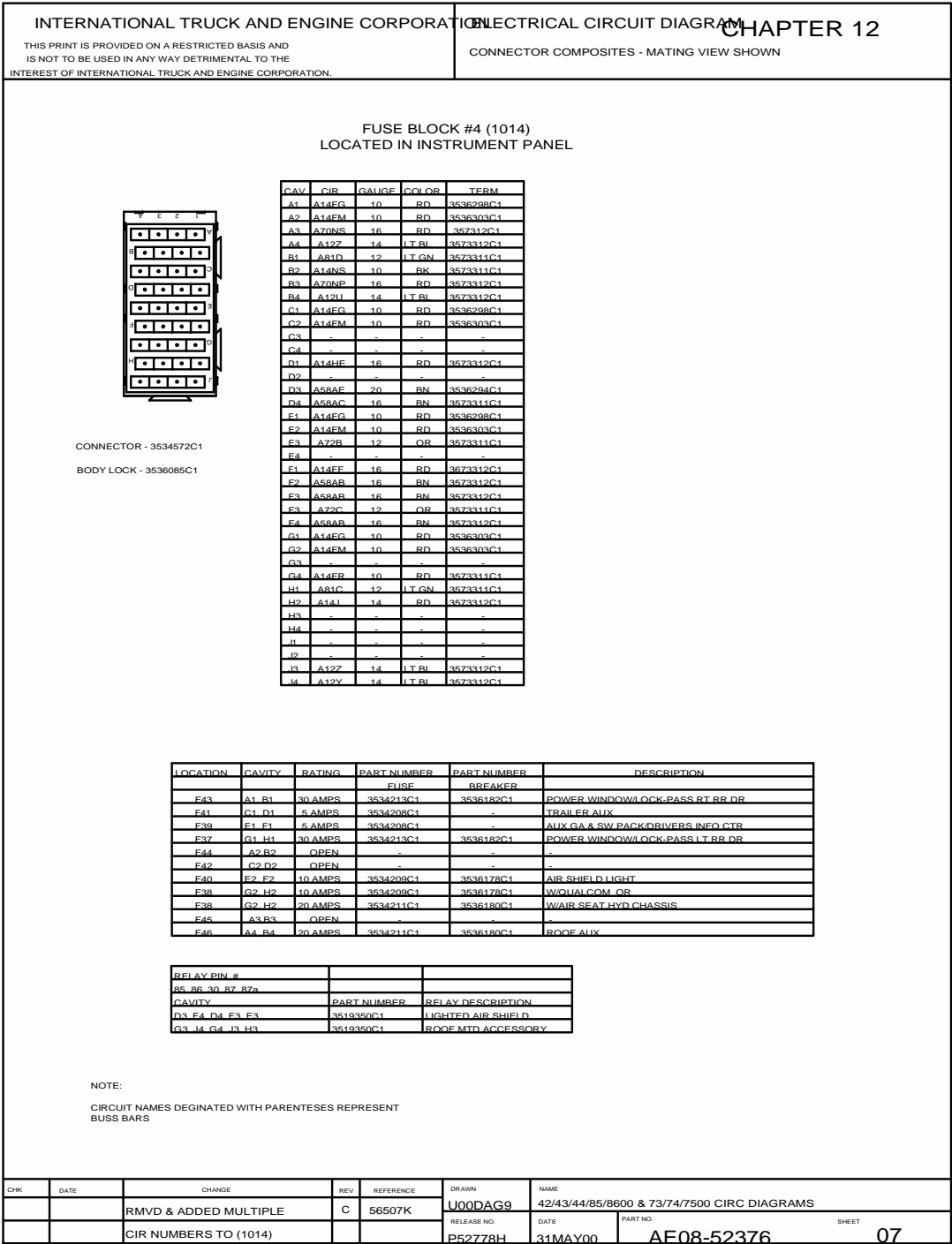


Figure 122 Connector Composite (1014)

12.8. CONNECTOR COMPOSITES (1018), (1019M), (1020M), (1021M), (1022M), P. 8

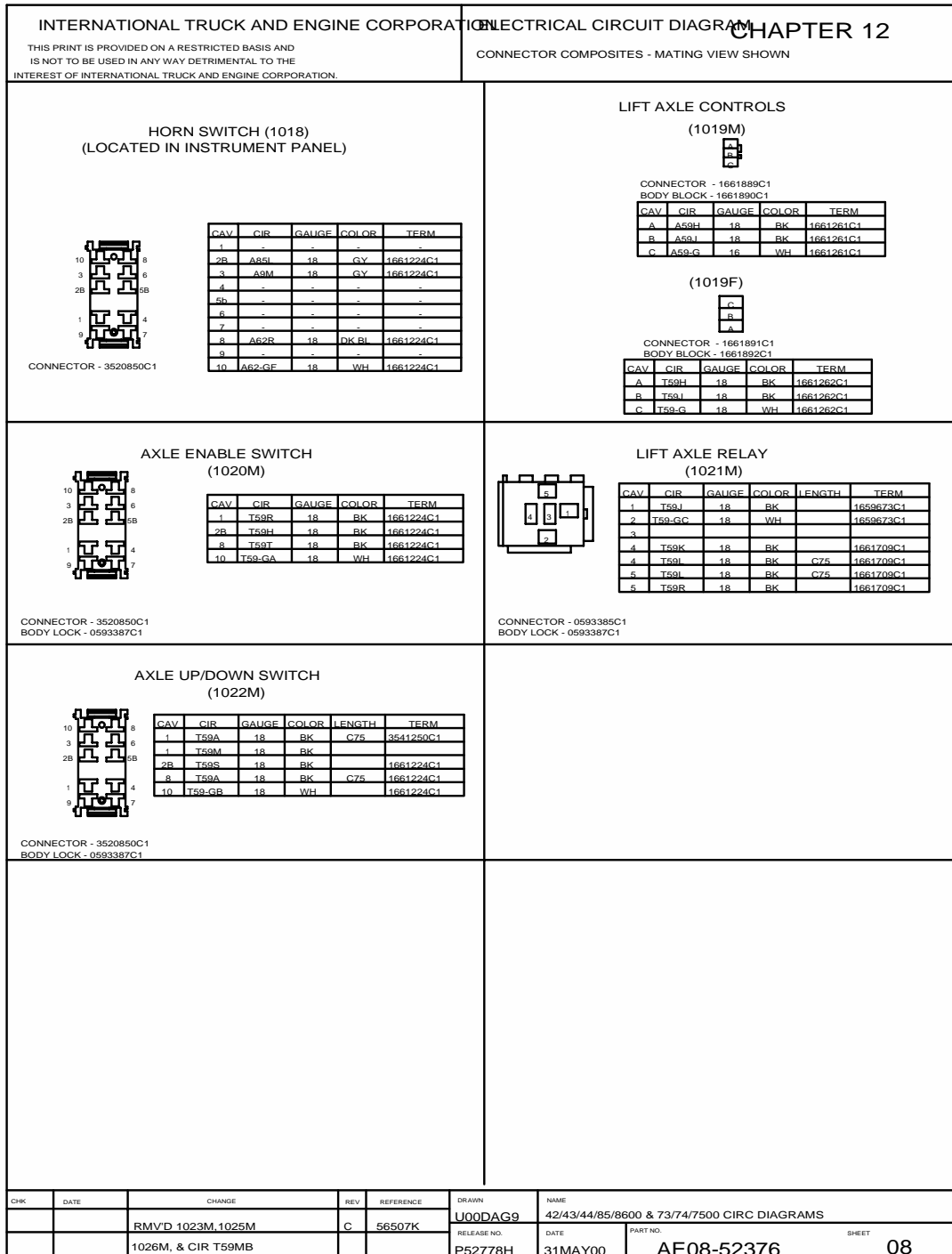


Figure 123 Connector Composites (1018), (1019M), (1020M), (1021M), (1022M)

12.9. CONNECTOR COMPOSITES (1027M, F), (1100), (1101A), (1101), (1102), P. 9

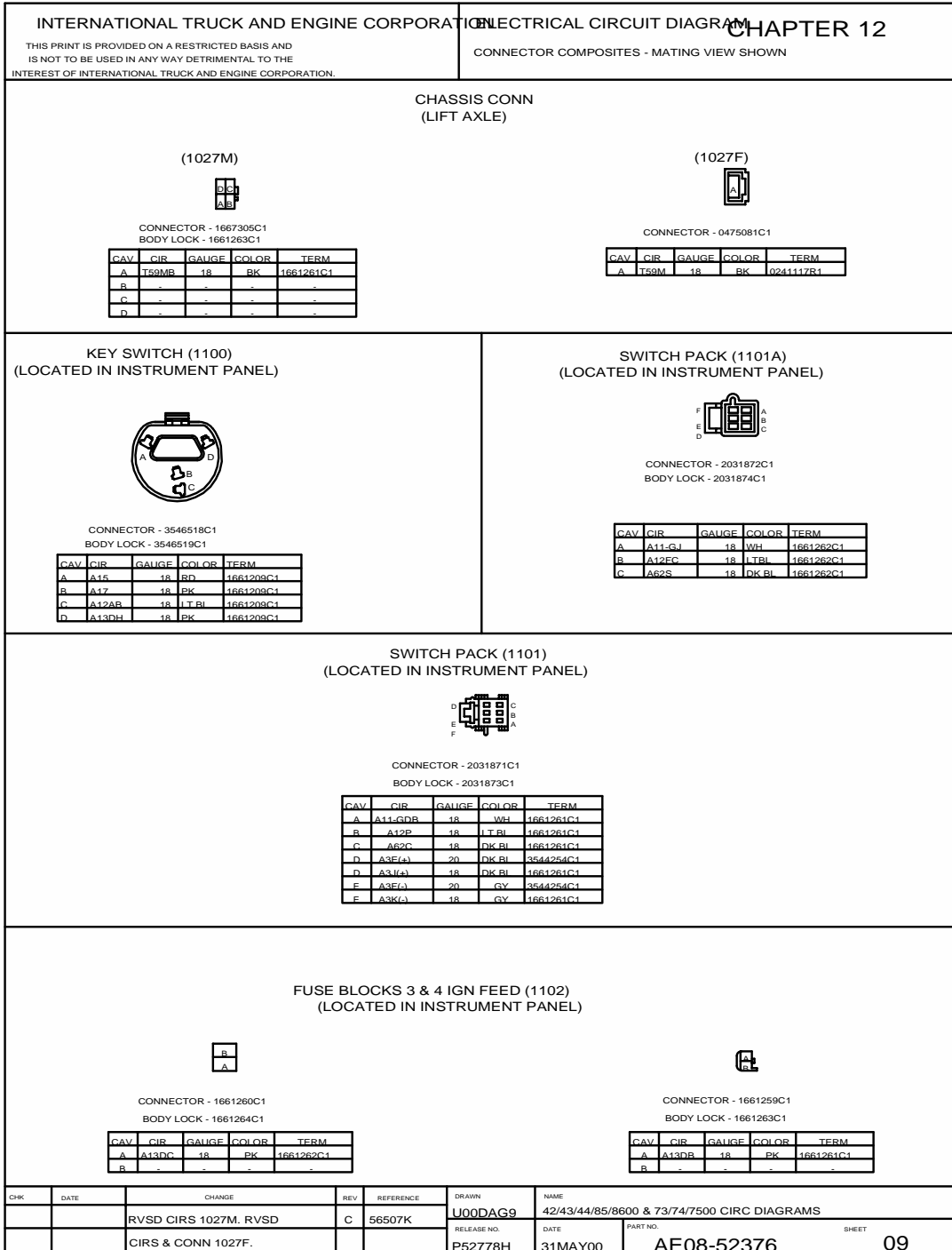


Figure 124 Connector Composites (1027M, F), (1100), (1101A), (1101), (1102)

12.10. CONNECTOR COMPOSITES (1104), (1106), (1200), (1210), P. 10

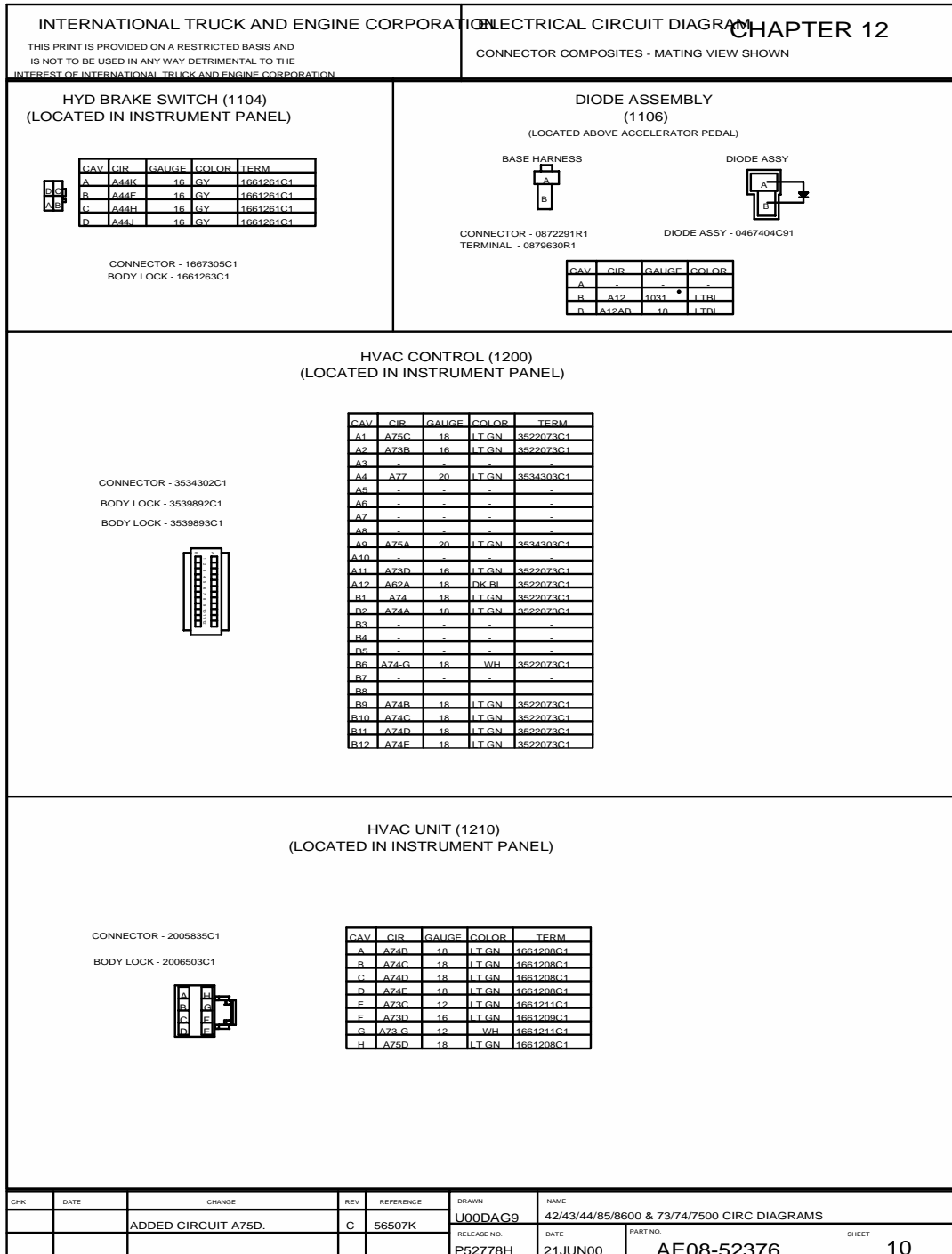


Figure 125 Connector Composites (1104), (1106), (1200), (1210)

12.11. CONNECTOR COMPOSITES (1300), (1301), (1400), (1402), (1410), (1500), (1510), P. 11

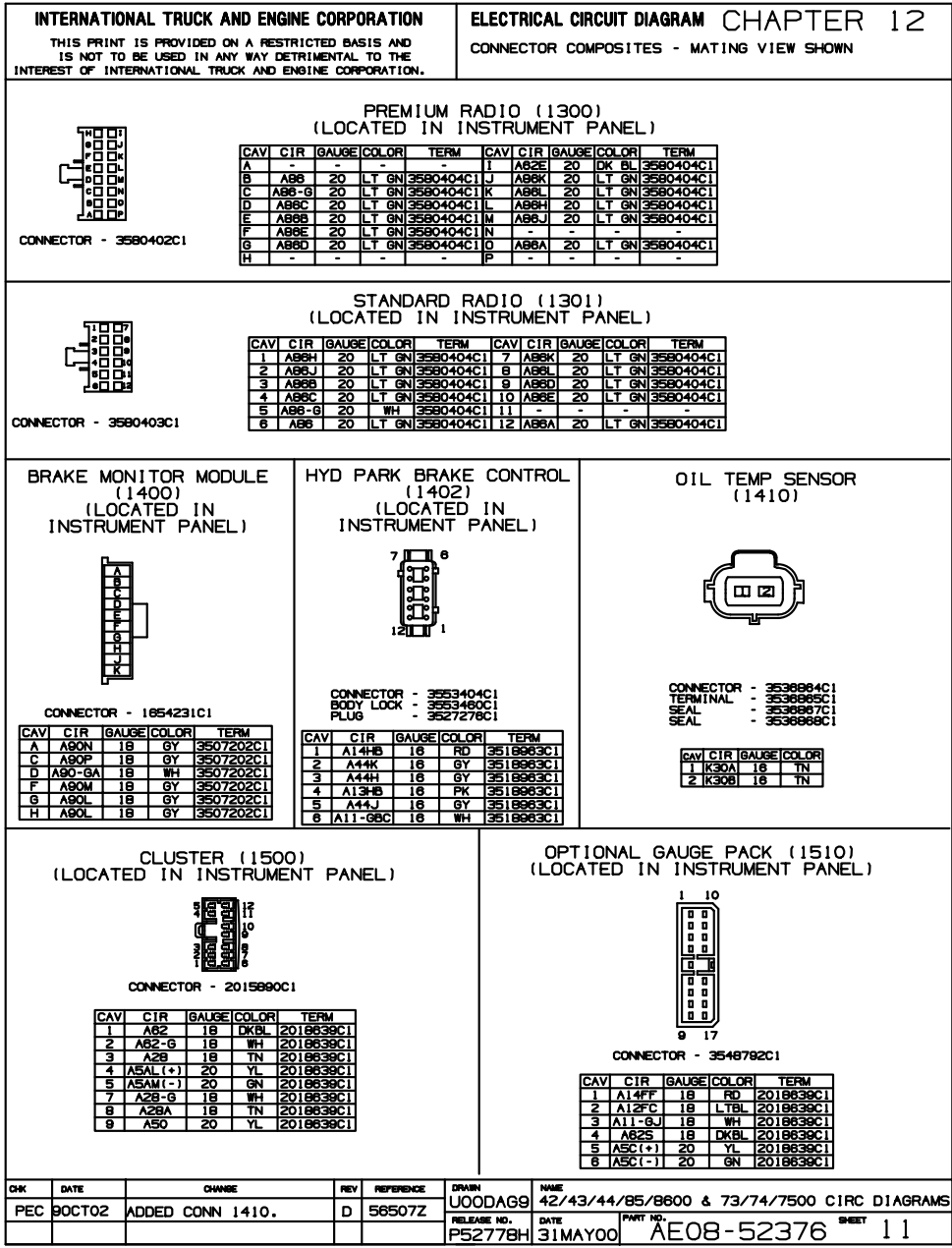


Figure 126 Connector Composites (1300), (1301), (1400), (1402), (1410), (1500), (1510)

12.12. CONNECTOR COMPOSITES (1553), (1554F), (1555), (1600), (1601), (1650), P. 12

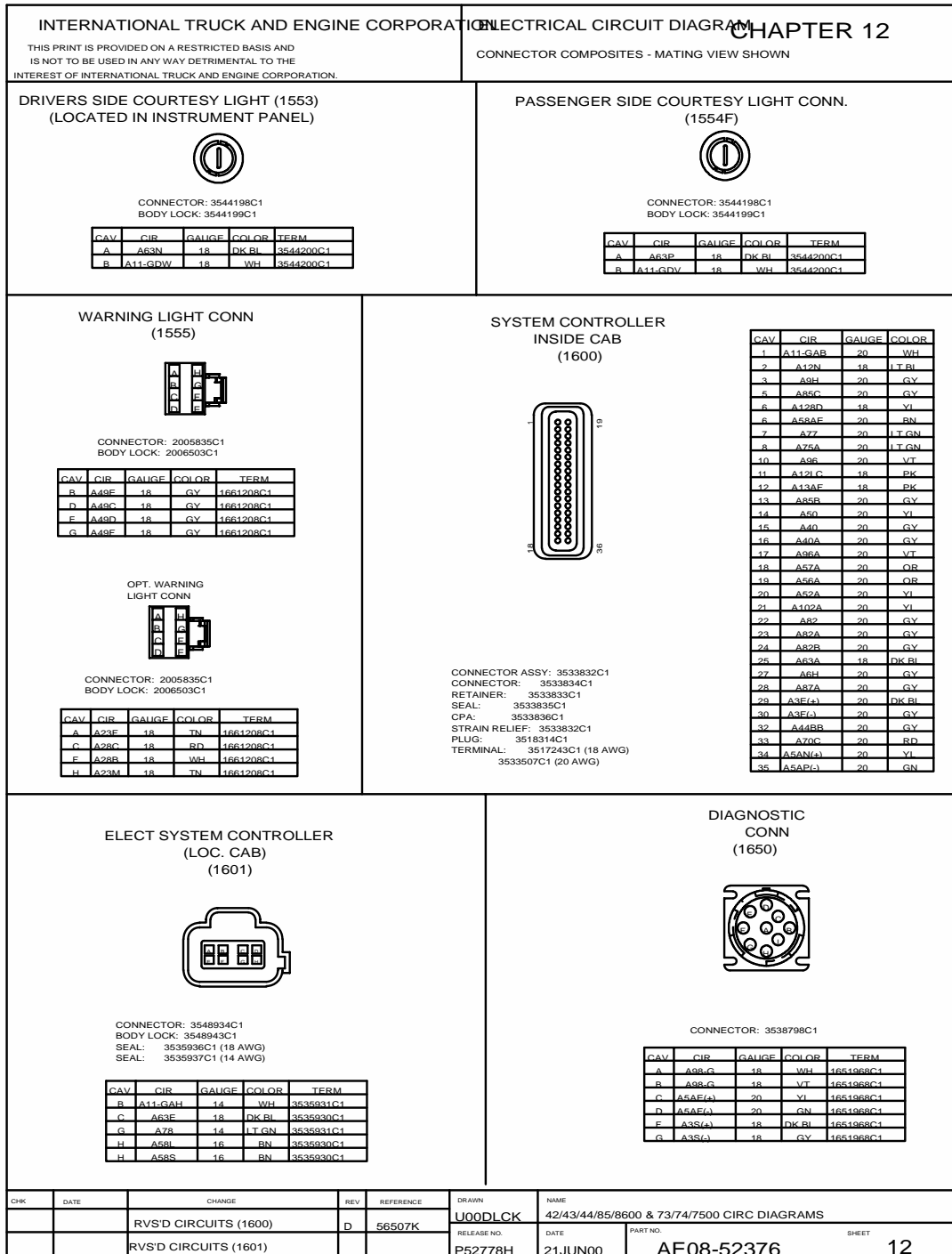


Figure 127 Connector Composites (1553), (1554F), (1555), (1600), (1601), (1650)

12.13. CONNECTOR COMPOSITES (1652), (1657M), (1658), (1659), (1800), P. 13

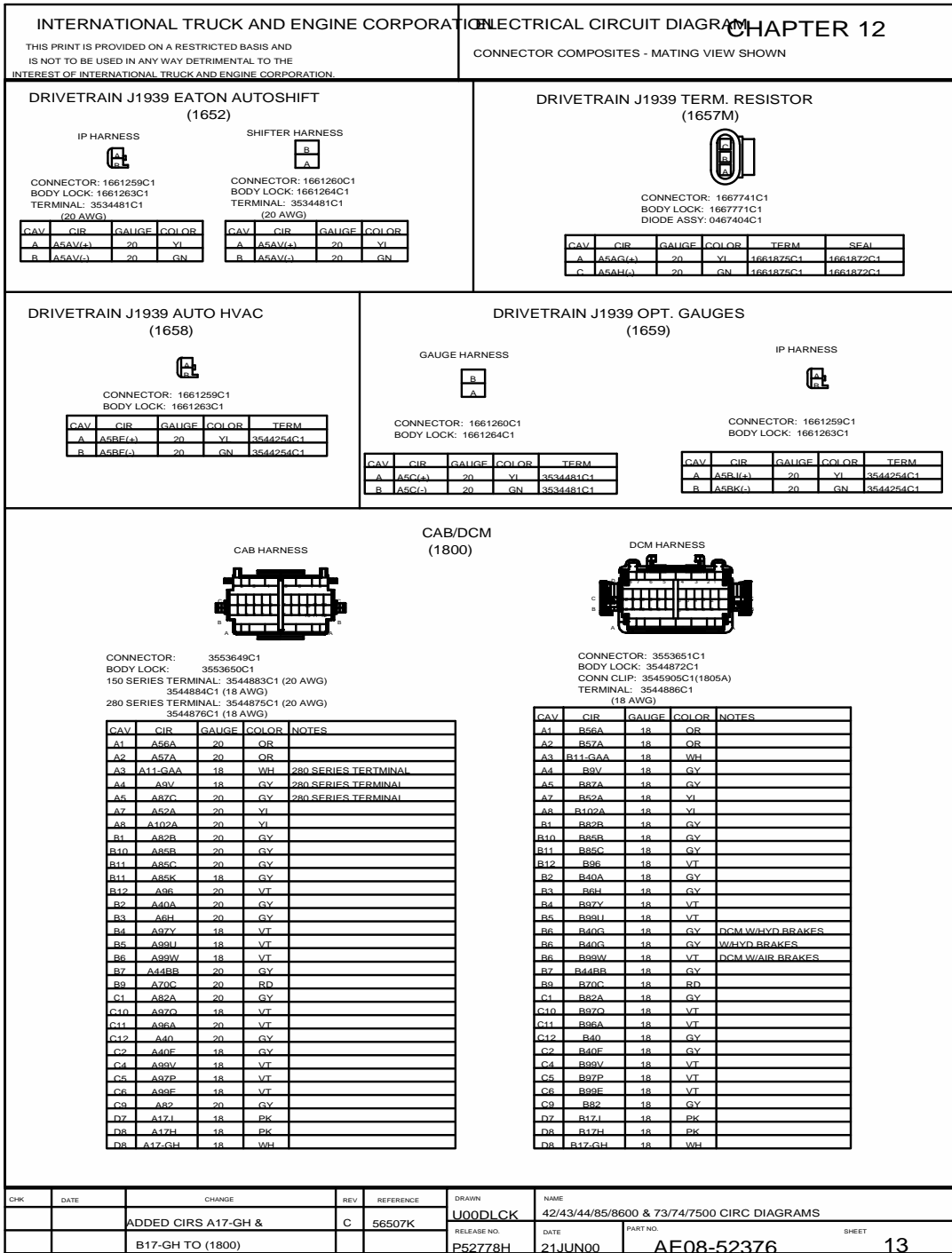


Figure 128 Connector Composites (1652), (1657M), (1658), (1659), (1800)

12.14. CONNECTOR COMPOSITES (1804), (1807), (1808), (1809), (1810), (1811), (1812), (1813), (1814), (1815), P. 14

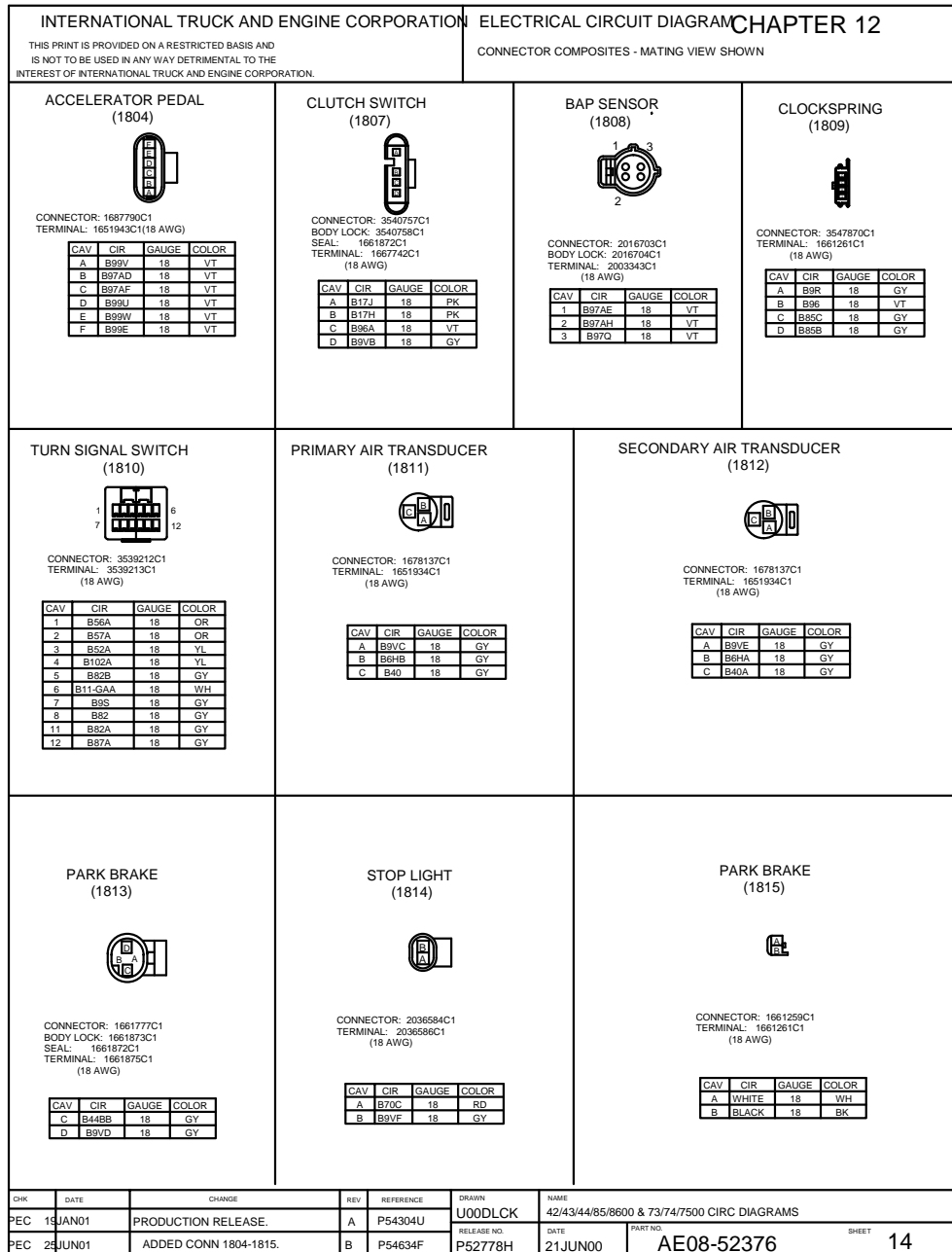


Figure 129 Connector Composites (1804), (1807), (1808), (1809), (1810), (1811), (1812), (1813), (1814), (1815)

12.15. CONNECTOR COMPOSITES (1820), (1822), (1823), (1824), (1828), (1860), (1861), (1901M), (1915), P. 15

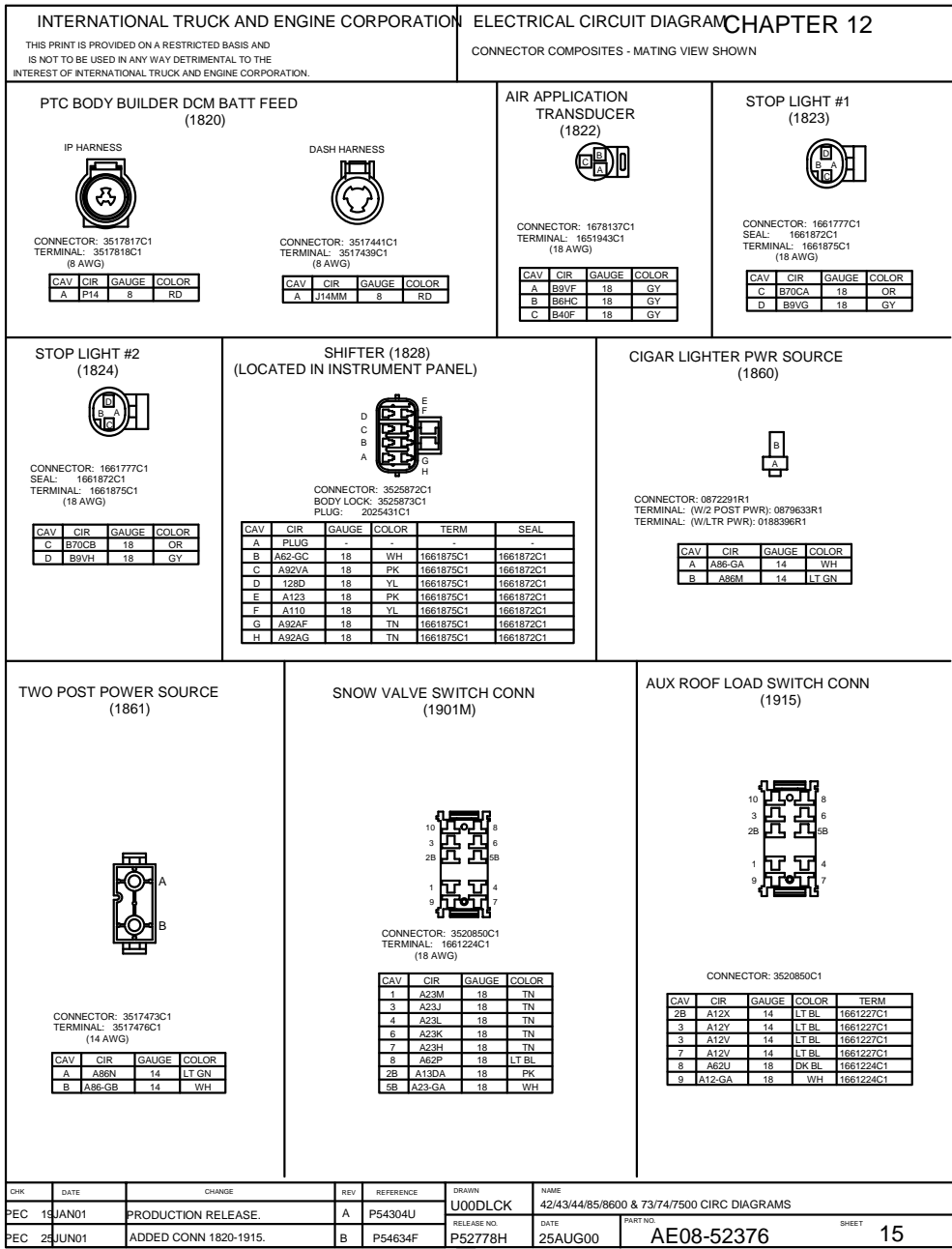


Figure 130 Connector Composites (1820), (1822), (1823), (1824), (1828), (1860), (1861), (1901M), (1915)

12.16. CONNECTOR COMPOSITES (1918), (1920), (2000), (2002M), (2003M), (2004M), (2005M), P. 16

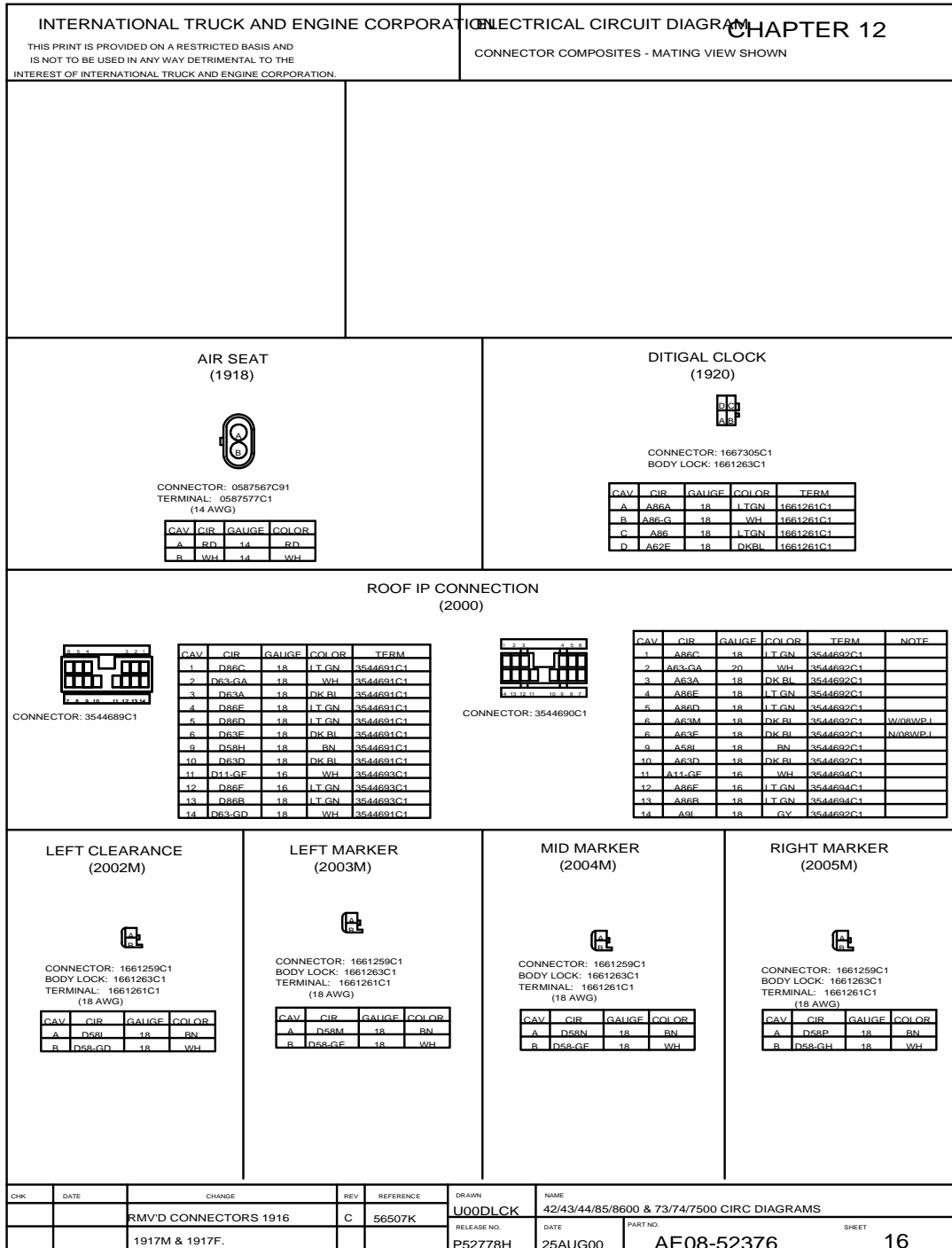


Figure 131 Connector Composites (1918), (1920), (2000), (2002M), (2003M), (2004M), (2005M)

12.17. CONNECTOR COMPOSITES (2006M), (2007F), (2021F), (2021M), (2022F), (2022M), (2111M), (2112M), (2113M), (2114M), (2115M), (2116M), (2117M), (2301M), (2302M), (2303M), P. 17

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|---|---------|--|--------|-----------|-----------|---|------|-------|---------|---------------------|----|---------|---|---|-----|---------|--------------------|------|---------|---------|---|------|---------|-------|----|--|-----|-------|-------|-------|----|------|----|-------|----|--------|--|-----|---|-------|-------|-------|--|-------|------|-------|-----------|-------|--------|------|-------|-----------|--|-----|--------|-------|-------|-----------|------|--------|-------|----|--------|-----|-------|---|-------|-----|-------|-------|---|------|----|-------|---|--------|----|----|
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| <p>RIGHT CLEARANCE (2006M)</p> <p>CONNECTOR: 1661259C1 BODY LOCK: 1661263C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D58R</td> <td>18</td> <td>BN</td> </tr> <tr> <td>B</td> <td>D58-GJ</td> <td>18</td> <td>WH</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | D58R | 18 | BN | B | D58-GJ | 18 | WH | <p>SUNSHADE (2007F)</p> <p>CONNECTOR: 1661260C1 BODY LOCK: 1661264C1 TERMINAL: 1661262C1 (18 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D58T</td> <td>18</td> <td>BN</td> </tr> <tr> <td>B</td> <td>D58-GL</td> <td>18</td> <td>WH</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | D58T | 18 | BN | B | D58-GL | 18 | WH | <p>AUX ROOF/IP CONNECTION (2021F)</p> <p>CONNECTOR: 3554818C1 BODY LOCK: 3554821C1 TERMINAL: 3534167C1 (14 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D58T</td> <td>14</td> <td>BN</td> </tr> <tr> <td>B</td> <td>D58-GW</td> <td>14</td> <td>WH</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | D58T | 14 | BN | B | D58-GW | 14 | WH | <p>IP/AUX ROOF CONNECTION (2021M)</p> <p>CONNECTOR: 3554817C1 BODY LOCK: 3554820C1 TERMINAL: 3534165C1 (14 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A12U</td> <td>14</td> <td>LT BL</td> </tr> <tr> <td>B</td> <td>A12-GB</td> <td>14</td> <td>WH</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | A12U | 14 | LT BL | B | A12-GB | 14 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | D58R | 18 | BN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | D58-GJ | 18 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | D58T | 18 | BN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | D58-GL | 18 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | D58T | 14 | BN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | D58-GW | 14 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | A12U | 14 | LT BL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | A12-GB | 14 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>AUX ROOF/IP CONNECTION (2022F)</p> <p>CONNECTOR: 3554818C1 BODY LOCK: 3554821C1 TERMINAL: 1661212C1 (18 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>BK</td> <td>18</td> <td>BK</td> </tr> <tr> <td>B</td> <td>WH</td> <td>18</td> <td>WH</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | BK | 18 | BK | B | WH | 18 | WH | <p>IP/AUX ROOF CONNECTION (2022M)</p> <p>CONNECTOR: 3554817C1 BODY LOCK: 3554820C1 TERMINAL: 3534164C1 (18 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>A58AD</td> <td>18</td> <td>BN</td> </tr> <tr> <td>B</td> <td>A11-GHF</td> <td>18</td> <td>WH</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | A58AD | 18 | BN | B | A11-GHF | 18 | WH | <p>RIGHT DOOR DOME SWITCH (2111M)</p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D63B</td> <td>18</td> <td>DK BL</td> </tr> <tr> <td>B</td> <td>D9N</td> <td>18</td> <td>GY</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | D63B | 18 | DK BL | B | D9N | 18 | GY | <p>LEFT DOOR DOME SWITCH (2112M)</p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>NOTES</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D63H</td> <td>18</td> <td>DK BL</td> <td>PTC</td> </tr> <tr> <td>A</td> <td>D63A</td> <td>18</td> <td>DK BL</td> <td>PTC</td> </tr> <tr> <td>B</td> <td>D9D</td> <td>18</td> <td>GY</td> <td></td> </tr> <tr> <td>B</td> <td>D9L</td> <td>18</td> <td>GY</td> <td>PTC</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | NOTES | A | D63H | 18 | DK BL | PTC | A | D63A | 18 | DK BL | PTC | B | D9D | 18 | GY | | B | D9L | 18 | GY | PTC | | | | | | | | | | | | | | |
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| B | WH | 18 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CAV | CIR | GAUGE | COLOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CAV | CIR | GAUGE | COLOR | NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | D63H | 18 | DK BL | PTC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>RIGHT CREW DOOR DOME SWITCH (2113M)</p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D63J</td> <td>18</td> <td>DK BL</td> </tr> <tr> <td>B</td> <td>D9W</td> <td>18</td> <td>GY</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | D63J | 18 | DK BL | B | D9W | 18 | GY | <p>LEFT CREW DOOR DOME SWITCH (2114M)</p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D63K</td> <td>18</td> <td>DK BL</td> </tr> <tr> <td>B</td> <td>D9Y</td> <td>18</td> <td>GY</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | D63K | 18 | DK BL | B | D9Y | 18 | GY | <p>REAR DOME LIGHT (2115M)</p> <p>CONNECTOR: 1661889C1 BODY LOCK: 1661890C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D63L</td> <td>18</td> <td>DK BL</td> </tr> <tr> <td>B</td> <td>D63-GH</td> <td>18</td> <td>WH</td> </tr> <tr> <td>C</td> <td>D63K</td> <td>18</td> <td>DK BL</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | D63L | 18 | DK BL | B | D63-GH | 18 | WH | C | D63K | 18 | DK BL | <p>DOME LAMP (2116M)</p> <p>CONNECTOR: 3536187C1 BODY LOCK: 1661890C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>NOTES</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C63D</td> <td>18</td> <td>DK BL</td> <td></td> </tr> <tr> <td>B</td> <td>C63-GE</td> <td>18</td> <td>WH</td> <td>W/DUAL CB</td> </tr> <tr> <td>B</td> <td>C11-GF</td> <td>16</td> <td>WH</td> <td>W/O CB</td> </tr> <tr> <td>C</td> <td>C63E</td> <td>18</td> <td>DK BL</td> <td></td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | NOTES | A | C63D | 18 | DK BL | | B | C63-GE | 18 | WH | W/DUAL CB | B | C11-GF | 16 | WH | W/O CB | C | C63E | 18 | DK BL | | | | | | | | | | | |
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| CAV | CIR | GAUGE | COLOR | NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| B | C63-GE | 18 | WH | W/DUAL CB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | C11-GF | 16 | WH | W/O CB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>DOME/READING LIGHT COMPASS/TEMP UNIT (2117M)</p> <p>CONNECTOR: 3515762C1 BODY LOCK: 3515764C1-2 TERMINAL: 1661261C1(18 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C41-G</td> <td>18</td> <td>WH</td> </tr> <tr> <td>B</td> <td>C63-GE</td> <td>18</td> <td>WH</td> </tr> <tr> <td>C</td> <td>C63D</td> <td>18</td> <td>DK BL</td> </tr> <tr> <td>D</td> <td>C41B</td> <td>18</td> <td>GY</td> </tr> <tr> <td>E</td> <td>C62F</td> <td>18</td> <td>DK BL</td> </tr> <tr> <td>F</td> <td>C63E</td> <td>18</td> <td>DK BL</td> </tr> <tr> <td>G</td> <td>C41</td> <td>18</td> <td>GY</td> </tr> <tr> <td>H</td> <td>C41A</td> <td>18</td> <td>GY</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | C41-G | 18 | WH | B | C63-GE | 18 | WH | C | C63D | 18 | DK BL | D | C41B | 18 | GY | E | C62F | 18 | DK BL | F | C63E | 18 | DK BL | G | C41 | 18 | GY | H | C41A | 18 | GY | <p>RIGHT REAR SPEAKER (2301M)</p> <p>CONNECTOR: 3535769C1 BODY LOCK: 3535770C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</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 | CIR | GAUGE | COLOR | TERM | A | D86D | 18 | LT GN | 1661261C1 | B | D86E | 18 | LT GN | 1661261C1 | <p>LEFT REAR SPEAKER (2302M)</p> <p>CONNECTOR: 3535769C1 BODY LOCK: 3535770C1 TERMINAL: 1661261C1 (18 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>D86B</td> <td>18</td> <td>LT GN</td> </tr> <tr> <td>B</td> <td>D86C</td> <td>18</td> <td>LT GN</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | D86B | 18 | LT GN | B | D86C | 18 | LT GN | <p>CB RADIO POWER (2303M)</p> <p>CONNECTOR: 1661197C1 TERMINAL: 1661212C1 (16 AWG)</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>C86F</td> <td>16</td> <td>LT GN</td> </tr> <tr> <td>B</td> <td>C86-GF</td> <td>16</td> <td>WH</td> </tr> </tbody> </table> | CAV | CIR | GAUGE | COLOR | A | C86F | 16 | LT GN | B | C86-GF | 16 | WH |
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| F | C63E | 18 | DK BL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | C41 | 18 | GY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | C41A | 18 | GY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CAV | CIR | GAUGE | COLOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| B | C86-GF | 16 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <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>PEC</td> <td>15JAN01</td> <td>PRODUCTION RELEASE.</td> <td>A</td> <td>P54304U</td> <td>U00DLCK</td> <td>42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS</td> </tr> <tr> <td>PEC</td> <td>25JUN01</td> <td>ADDED 2006M-2303M.</td> <td>B</td> <td>P54634F</td> <td>P52778H</td> <td>DATE: 25AUG00 PART NO: AE08-52376 SHEET: 17</td> </tr> </tbody> </table> | CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | PEC | 15JAN01 | PRODUCTION RELEASE. | A | P54304U | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | PEC | 25JUN01 | ADDED 2006M-2303M. | B | P54634F | P52778H | DATE: 25AUG00 PART NO: AE08-52376 SHEET: 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 15JAN01 | PRODUCTION RELEASE. | A | P54304U | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 25JUN01 | ADDED 2006M-2303M. | B | P54634F | P52778H | DATE: 25AUG00 PART NO: AE08-52376 SHEET: 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 132 Connector Composites (2006M), (2007F), (2021F), (2021M), (2022F), (2022M), (2111M), (2112M), (2113M), (2114M), (2115M), (2116M), (2117M), (2301M), (2302M), (2303M)

12.18. CONNECTOR COMPOSITES (2304M), (2305M), (2306M), (2307F), (2308F), (2502F), (2502M), (2503F, M), (2600F, M), P. 18

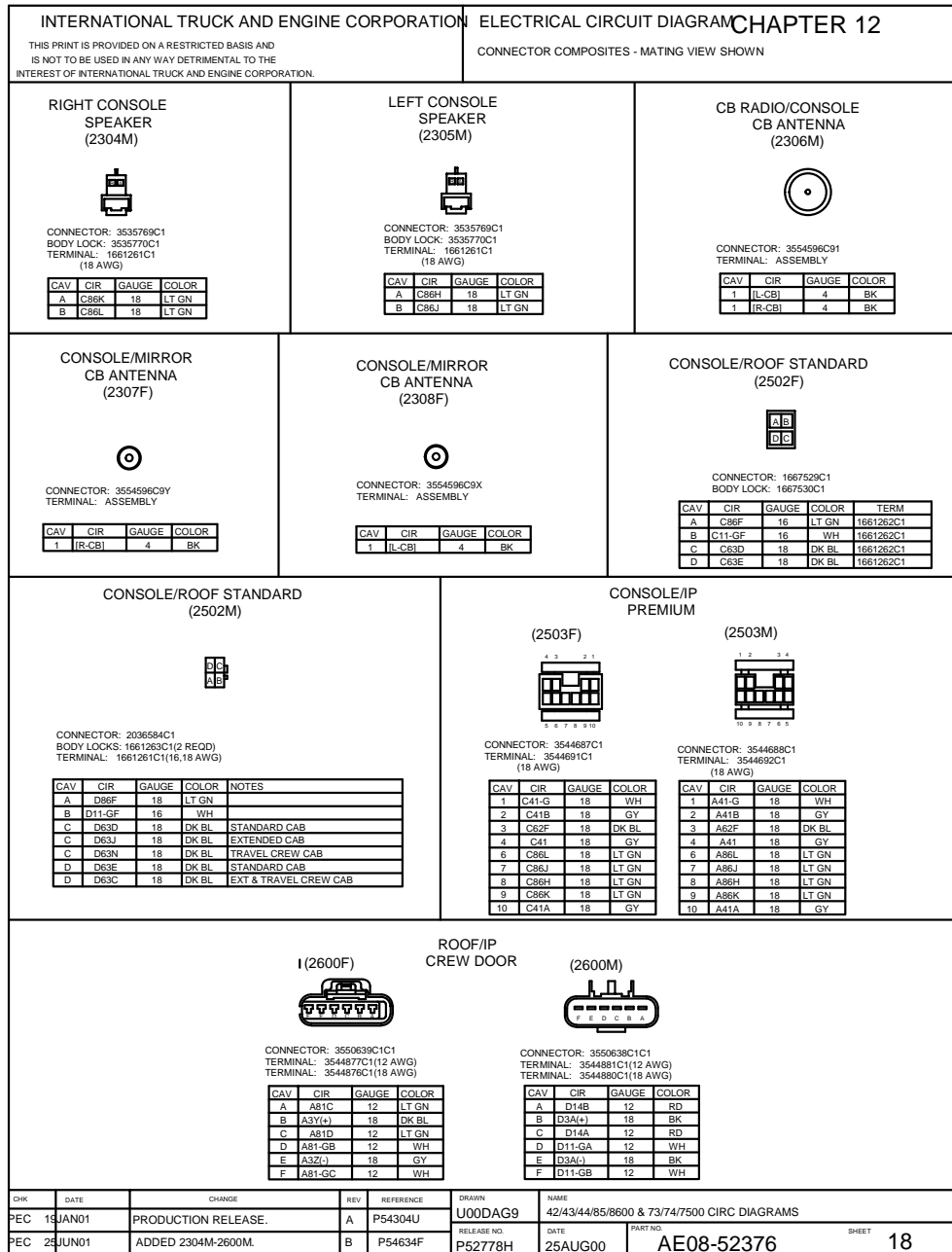
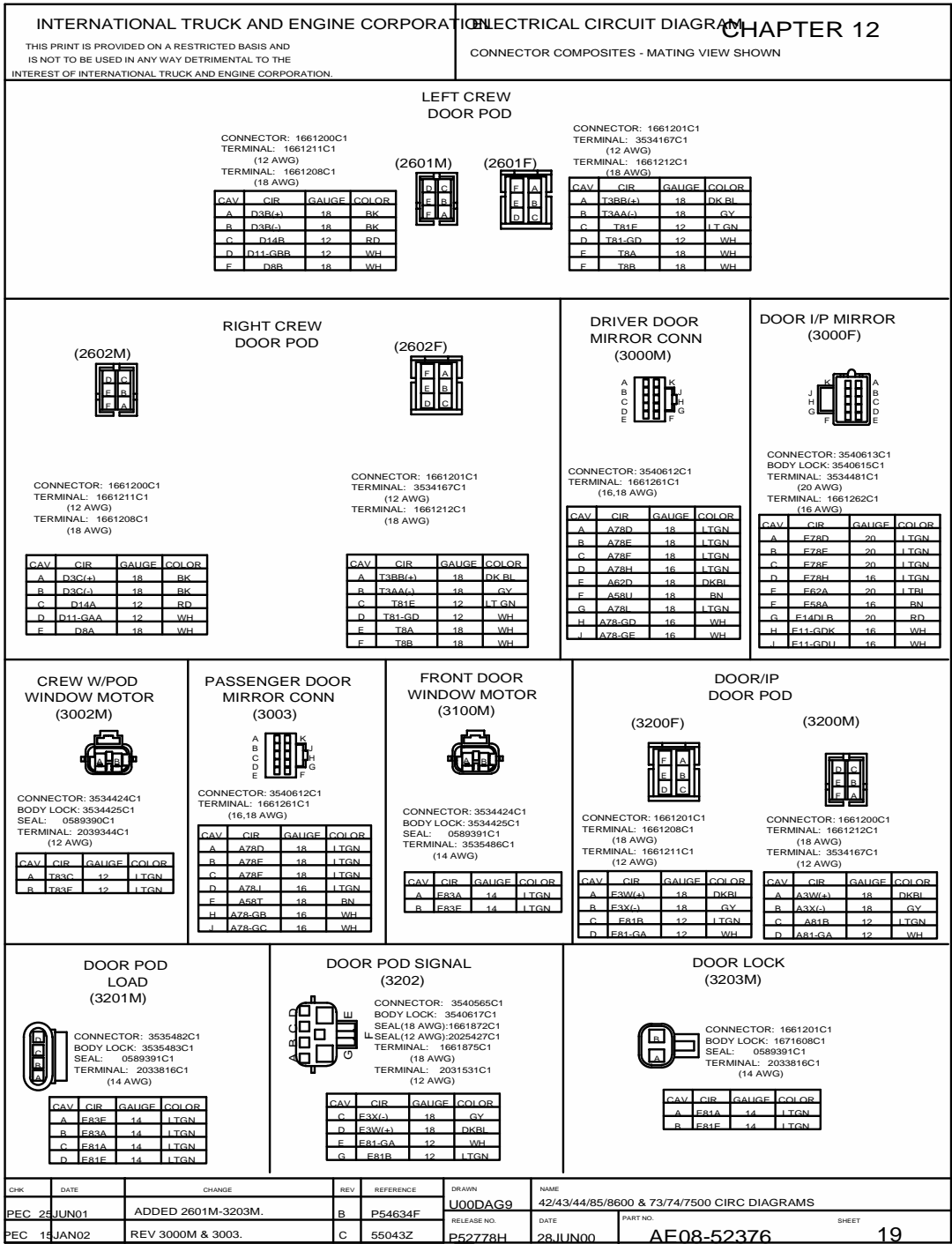


Figure 133 Connector Composites (2304M), (2305M), (2306M), (2307F), (2308F), (2502F), (2502M), (2503F, M), (2600F, M)

12.19. CONNECTOR COMPOSITES (2601M, F), (2602M, F), (3000M), (3000F), (3002M), (3003), (3100M), (3200F, M), (3201M), (3202), (3203M), P. 19



12.20. CONNECTOR COMPOSITES (3204M, F), (3209), (3210M), (3211M), (4000), P. 20

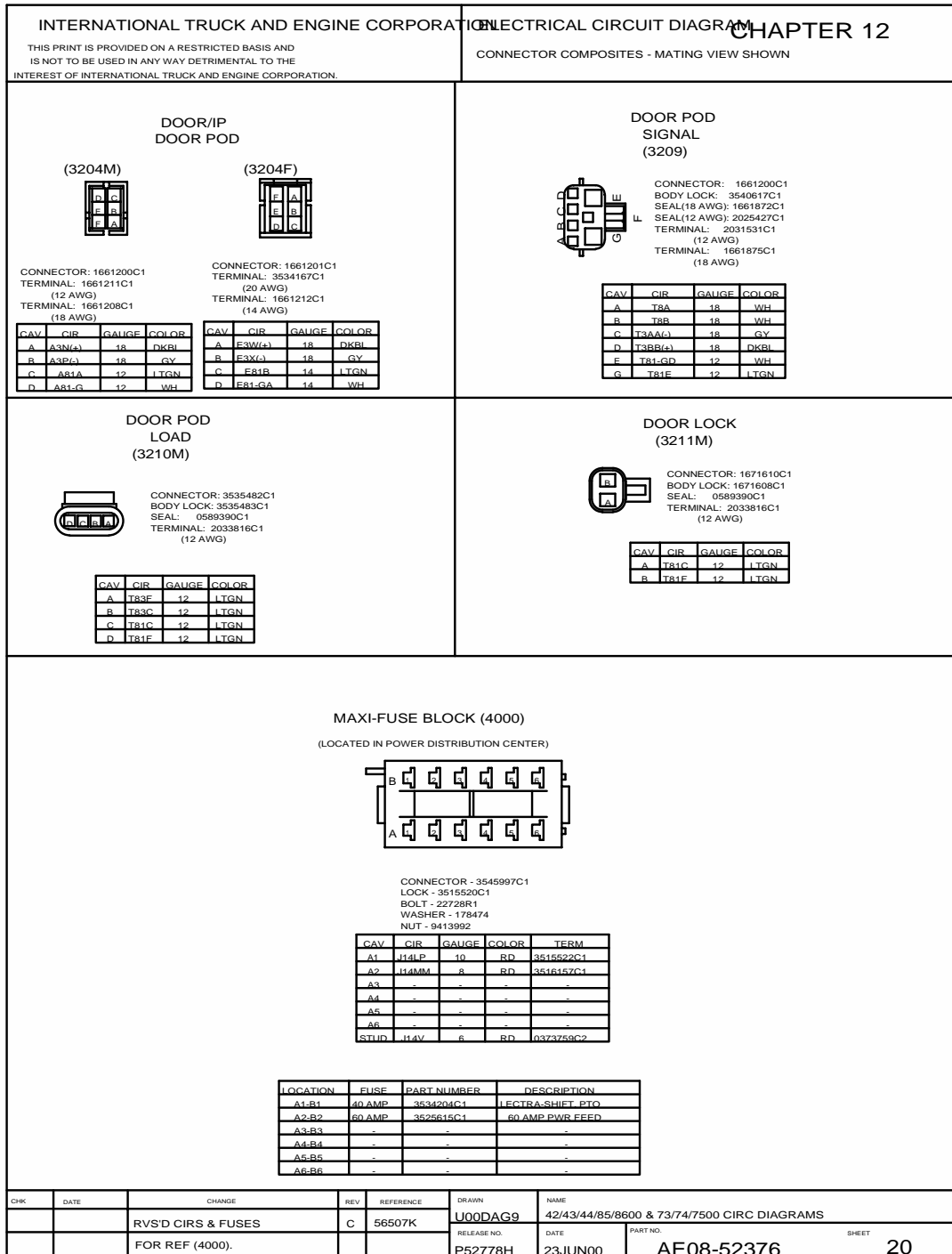


Figure 135 Connector Composites (3204M, F), (3209), (3210M), (3211M), (4000)

12.21. CONNECTOR COMPOSITE (4001), P. 21

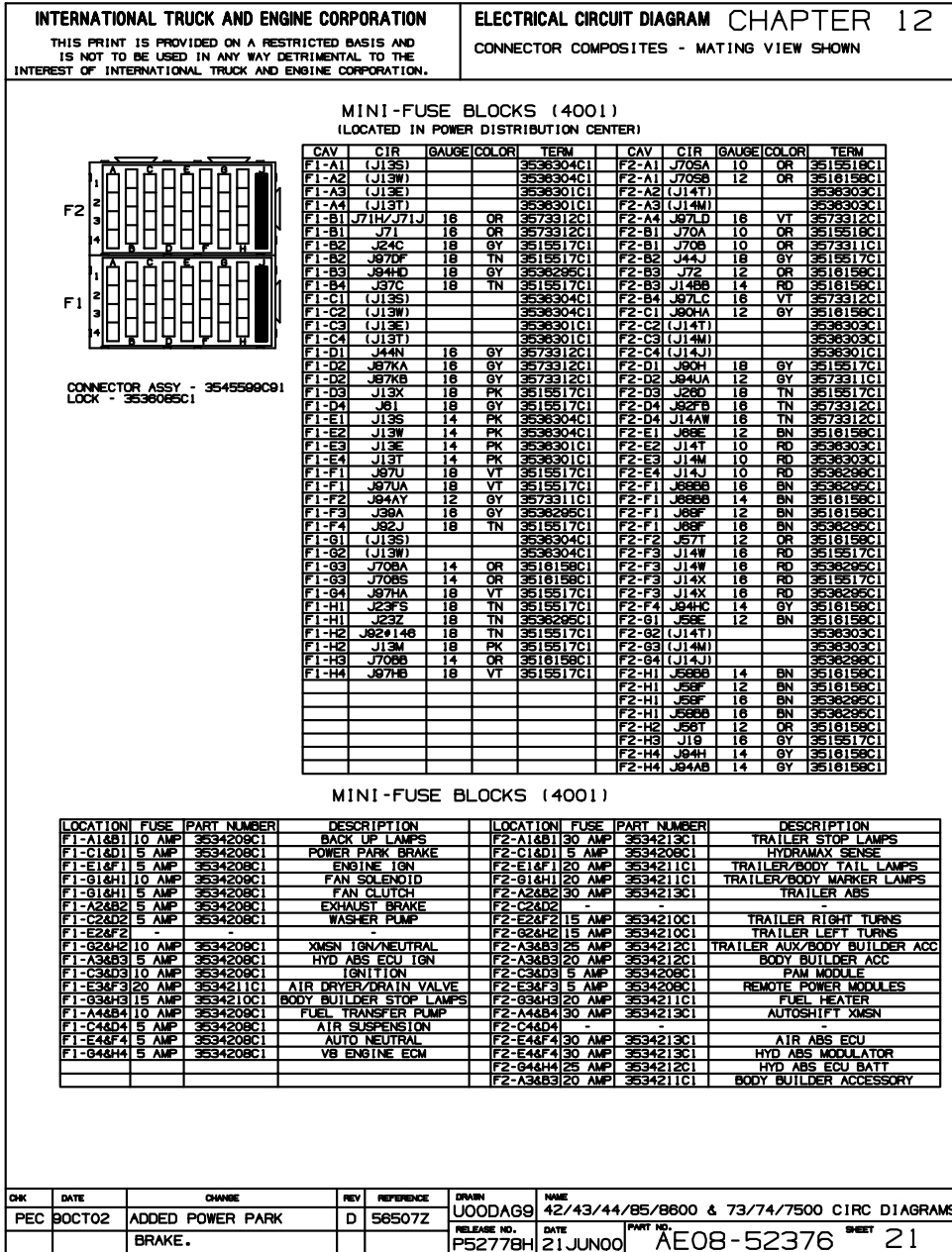


Figure 136 Connector Composite (4001)

12.22. CONNECTOR COMPOSITE (4002), P. 22

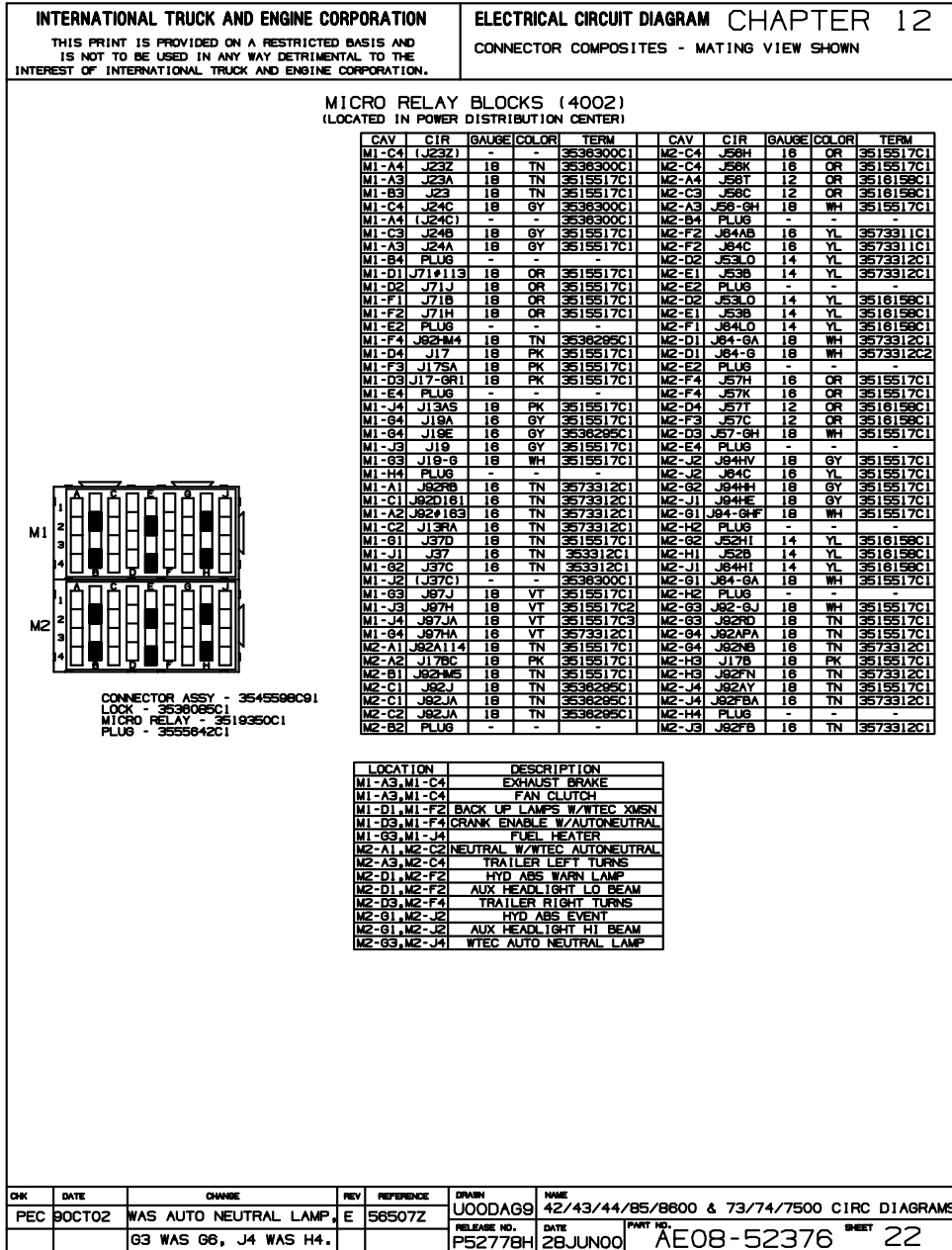


Figure 137 Connector Composite (4002)

12.23. CONNECTOR COMPOSITE (4003), P. 23

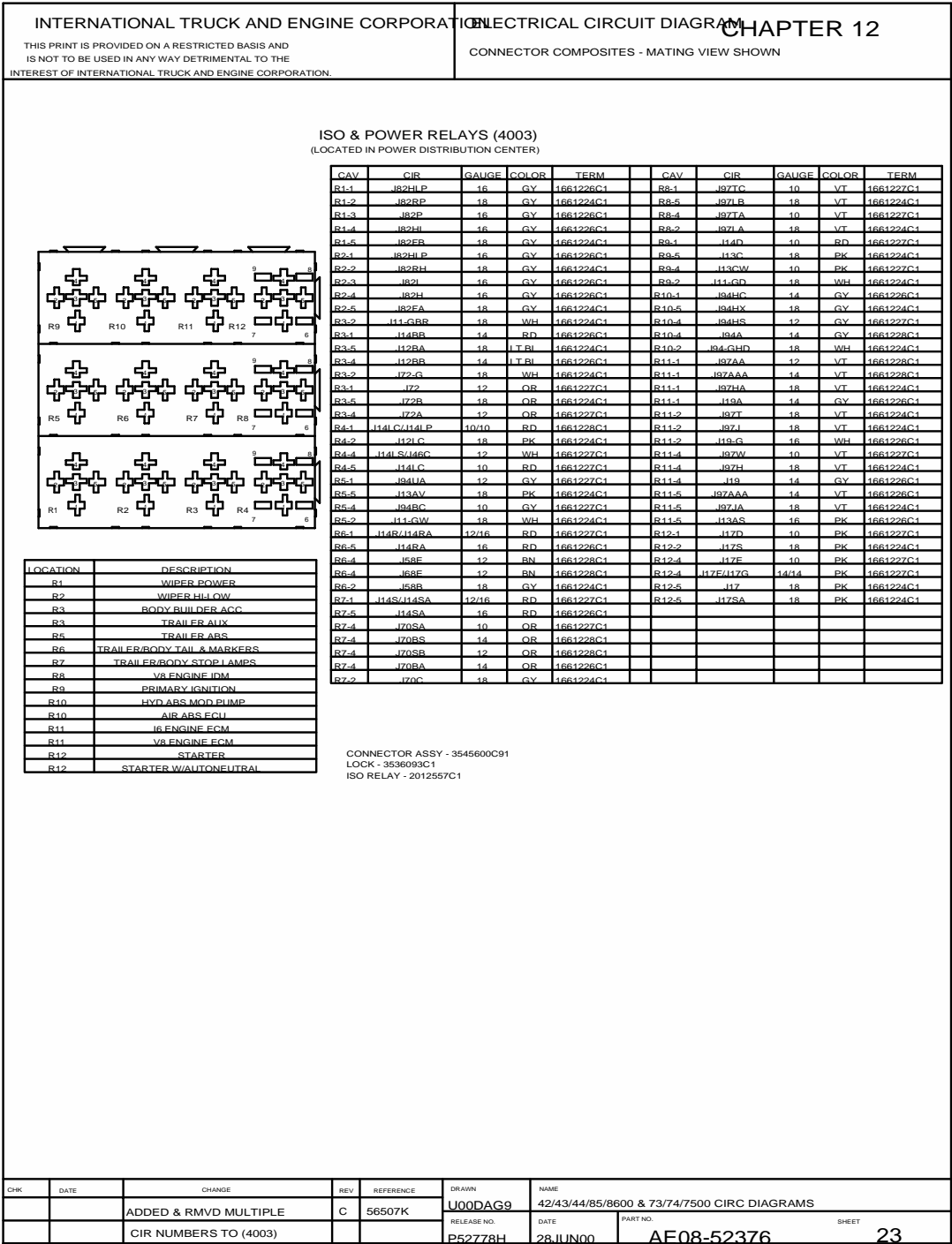
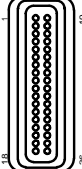


Figure 138 Connector Composite (4003)

12.24. CONNECTOR COMPOSITES (4004), (4007), (4008), P. 24


| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|------------|--|--|--|
| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | | ELECTRICAL CIRCUIT DIAGRAMS | | | | CHAPTER 12 | | | |
| 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. | | | | CONNECTOR COMPOSITES - MATING VIEW SHOWN | | | | | | | |



SYSTEM CONTROLLER (4004)
(LOCATED ON EXTERIOR DASH PANEL LEFT SIDE)

| CAV | CIR | GAUGE | COLOR | TERM | NOTES | CAV | CIR | GAUGE | COLOR | TERM |
|-----|-------|-------|-------|-----------|----------------------|-----|--------|-------|-------|-----------|
| 1 | J32A | 18 | TN | 3517243C1 | | 19 | J92DI | 18 | TN | 3517243C1 |
| 2 | J32 | 18 | TN | 3517243C1 | W/AXLE TEMP | 19 | J92BD | 18 | TN | 3517243C1 |
| 3 | J31 | 18 | TN | 3517243C1 | | 20 | J82BH | 18 | GY | 3517243C1 |
| 4 | J31F | 18 | TN | 3517243C1 | | 21 | J70C | 18 | GY | 3517243C1 |
| 5 | J36B | 18 | TN | 3517243C1 | | 22 | J59C | 18 | GY | 3517243C1 |
| 6 | J36A | 18 | TN | 3517243C1 | | 23 | J94HP | 18 | GY | 3517243C1 |
| 7 | J77A | 20 | LT GN | 3517243C1 | | 24 | J59B | 18 | GY | 3517243C1 |
| 8 | J77D | 20 | LT GN | 3517243C1 | | 25 | J37D | 18 | TN | 3517243C1 |
| 9 | J77C | 20 | LT GN | 3517243C1 | | 26 | J9A | 18 | GY | 3517243C1 |
| 10 | J61C | 18 | GY | 3517243C1 | | 27 | J6A | 18 | GY | 3517243C1 |
| 11 | J30A | 18 | TN | 3517243C1 | | 28 | J90J | 18 | GY | 3517243C1 |
| 12 | J19D | 18 | GY | 3517243C1 | | 29 | J82BP | 18 | GY | 3517243C1 |
| 13 | J19C | 18 | GY | 3517243C1 | | 30 | J59D | 18 | GY | 3517243C1 |
| 14 | J87C | 18 | GY | 3517243C1 | | 31 | J59A | 18 | GY | 3517243C1 |
| 15 | J87CA | 18 | GY | 3517243C1 | | 32 | PLUG | - | - | - |
| 16 | J84HH | 18 | GY | 3517243C1 | W/HYD ABS | 33 | PLUG | - | - | - |
| 17 | J40E | 18 | GY | 3517243C1 | W/AIR APP GAUGE | 34 | J5M(4) | 20 | YL | 3517243C1 |
| 18 | J70NV | 18 | RD | 3517243C1 | | 35 | J5M(6) | 20 | GN | 3517243C1 |
| 19 | PLUG | - | - | - | | 36 | PLUG | - | - | - |
| 20 | J44M | 18 | GY | 3517243C1 | | | | | | |
| 21 | J58B | 18 | GY | 3517243C1 | | | | | | |
| 22 | J83 | 18 | TN | 3517243C1 | W/2SPD AXLE&MAN XMSN | | | | | |


CONNECTOR - 3533834C1
BACKSHELL - 3533832C1
CPA - 3533836C1
RETAINER - 3533833C1
COVER - 3533834C1
SEAL - 3533835C1
PLUG - 3518314C1



SYSTEM CONTROLLER BROWN (4007)
(LOCATED ON EXTERIOR DASH PANEL LEFT SIDE)

| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES |
|-----|-------|-------|-------|-----------|-----------|------------------|
| A | J64AR | 16 | YL | 3535930C1 | 3526936C1 | W/AUX HEADLIGHTS |
| A | J64A | 12 | BN | 3534163C1 | 3548945C1 | W/FOG LIGHTS |
| B | J57AA | 16 | OR | 3535930C1 | 3535936C1 | |
| C | J56AA | 16 | OR | 3535930C1 | 3535936C1 | |
| D | J53A | 14 | YL | 3535931C1 | 3535937C1 | N/AUX HEADLIGHTS |
| D | J53LO | 14 | YL | 3535931C1 | 3535937C1 | W/AUX HEADLIGHTS |
| E | J85AA | 16 | GY | 3535930C1 | 3535936C1 | |
| F | J65 | 16 | OR | 3535930C1 | 3535936C1 | |
| G | J52HI | 14 | YL | 3535931C1 | 3535937C1 | W/AUX HEADLIGHTS |
| G | J52A | 14 | YL | 3535931C1 | 3535937C1 | N/AUX HEADLIGHTS |
| H | J58A | 14 | BN | 3535931C1 | 3535937C1 | |

CONNECTOR - 3548934C1
LOCK - 3548943C1
PLUG - 3535938C1



SYSTEM CONTROLLER BLUE (4008)
(LOCATED ON EXTERIOR DASH PANEL LEFT SIDE)

| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES |
|-----|------|-------|-------|-----------|-----------|-------------------|
| A | J59F | 16 | GY | 3535930C1 | 3535936C1 | W/SOLENOID 7-PACK |
| A | J59E | 14 | GY | 3535931C1 | 3535937C1 | W/SOLENOID 4-PACK |
| B | J57I | 16 | OR | 3535930C1 | 3535936C1 | |
| C | J56I | 16 | OR | 3535930C1 | 3535936C1 | |
| D | PLUG | - | - | - | - | |
| E | PLUG | - | - | - | - | |
| F | J82E | 16 | GY | 3535930C1 | 3535936C1 | |
| G | J77B | 16 | LT GN | 3535930C1 | 3535936C1 | |
| H | PLUG | - | - | - | - | |

CONNECTOR - 3548933C1
LOCK - 3548943C1
PLUG - 3535938C1

| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME |
|-----|------|------------------------|-----|-----------|---------|--|
| | | RMV'D (4009) & (4010) | C | 56507K | U00DAG9 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS |
| | | RV'S'D CIRCUITS (4004) | | | P52778H | DATE: 26 JUN00 PART NO: AF08-52376 SHEET: 24 |

Figure 139 Connector Composites (4004), (4007), (4008)

12.25. CONNECTOR COMPOSITE (4014), P. 25

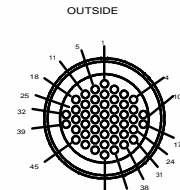
| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | ELECTRICAL CIRCUIT DIAGRAM | | CHAPTER 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| PASS THROUGH AT DASH (4014) (LOCATED ON DASH PANEL LEFT SIDE) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>NOTES</th> </tr> </thead> <tbody> <tr><td>1</td><td>J99V</td><td>18</td><td>VT</td><td>3566558C1</td><td></td></tr> <tr><td>2</td><td>J97Y</td><td>18</td><td>VT</td><td>3566558C1</td><td></td></tr> <tr><td>3</td><td>J40FA</td><td>18</td><td>GY</td><td>3566558C1</td><td></td></tr> <tr><td>3</td><td>J90W</td><td>18</td><td>VT</td><td>3566558C1</td><td></td></tr> <tr><td>4</td><td>J90U</td><td>18</td><td>VT</td><td>3566558C1</td><td></td></tr> <tr><td>5</td><td>J97P</td><td>18</td><td>VT</td><td>3566558C1</td><td></td></tr> <tr><td>6</td><td>J1</td><td>18</td><td>LT BL</td><td>3566558C1</td><td></td></tr> <tr><td>7</td><td>J97OA</td><td>18</td><td>VT</td><td>3566558C1</td><td>W/V8 ENGINE</td></tr> <tr><td>7</td><td>J97O</td><td>18</td><td>VT</td><td>3566558C1</td><td>W/V8 ENGINE</td></tr> <tr><td>8</td><td>J17</td><td>18</td><td>PK</td><td>3566558C1</td><td></td></tr> <tr><td>9</td><td>J3A(+)</td><td>18</td><td>DK BL</td><td>3566558C1</td><td></td></tr> <tr><td>10</td><td>J3A(-)</td><td>18</td><td>GY</td><td>3566558C1</td><td></td></tr> <tr><td>11</td><td>J5B(+)</td><td>18</td><td>YI</td><td>3566558C1</td><td>N/AIR ABS</td></tr> <tr><td>11</td><td>J5E(+)</td><td>18</td><td>YI</td><td>3566558C1</td><td>N/AIR ABS</td></tr> <tr><td>12</td><td>J5B(-)</td><td>18</td><td>GN</td><td>3566558C1</td><td>N/AIR ABS</td></tr> <tr><td>12</td><td>J5E(-)</td><td>18</td><td>GN</td><td>3566558C1</td><td>N/AIR ABS</td></tr> <tr><td>13</td><td>J12BA</td><td>18</td><td>LT RL</td><td>3566558C1</td><td></td></tr> <tr><td>14</td><td>J70NT</td><td>16</td><td>RD</td><td>3566558C1</td><td></td></tr> <tr><td>15</td><td>J13C</td><td>18</td><td>PK</td><td>3566558C1</td><td></td></tr> <tr><td>16</td><td>J72B</td><td>18</td><td>OR</td><td>3566558C1</td><td>W/ALX SOCKET</td></tr> <tr><td>17</td><td>J40F</td><td>18</td><td>GY</td><td>3566558C1</td><td>W/AIR BRAKES</td></tr> <tr><td>18</td><td>J17J</td><td>18</td><td>PK</td><td>3566558C1</td><td></td></tr> <tr><td>18</td><td>J17S</td><td>18</td><td>PK</td><td>3566558C1</td><td></td></tr> <tr><td>19</td><td>J49A</td><td>18</td><td>GY</td><td>3566558C1</td><td>W/DIFF LOCK</td></tr> <tr><td>20</td><td>J49B</td><td>18</td><td>GY</td><td>3566558C1</td><td>W/TANDEM DIFF LOCK</td></tr> <tr><td>21</td><td>J14HC</td><td>16</td><td>RD</td><td>3567154C1</td><td></td></tr> <tr><td>22</td><td>J74</td><td>18</td><td>LT GN</td><td>3566558C1</td><td></td></tr> <tr><td>23</td><td>J74A</td><td>18</td><td>LT GN</td><td>3566558C1</td><td></td></tr> <tr><td>24</td><td>J23F</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/SNOW VALVE</td></tr> <tr><td>24</td><td>J92APA</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/AUTONEUTRAL</td></tr> <tr><td>24</td><td>J92#125</td><td>18</td><td>TN</td><td>3566558C1</td><td></td></tr> <tr><td>25</td><td>J23H</td><td>18</td><td>TN</td><td>3566558C1</td><td></td></tr> <tr><td>26</td><td>J23J</td><td>18</td><td>TN</td><td>3566558C1</td><td></td></tr> <tr><td>27</td><td>J23K</td><td>18</td><td>TN</td><td>3566558C1</td><td></td></tr> <tr><td>28</td><td>J14GD</td><td>16</td><td>WH</td><td>3567154C1</td><td></td></tr> <tr><td>29</td><td>J21E</td><td>18</td><td>TN</td><td>3566558C1</td><td></td></tr> <tr><td>30</td><td>J97BA</td><td>18</td><td>GY</td><td>3566558C1</td><td></td></tr> <tr><td>30</td><td>J97BB</td><td>18</td><td>GY</td><td>3566558C1</td><td></td></tr> <tr><td>31</td><td>J23L</td><td>18</td><td>TN</td><td>3566558C1</td><td></td></tr> <tr><td>32</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>33</td><td>J92D143</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/WTEC XMSN</td></tr> <tr><td>33</td><td>J17C</td><td>18</td><td>PK</td><td>3566558C1</td><td>W/EATON XMSN</td></tr> <tr><td>34</td><td>J41A</td><td>18</td><td>GY</td><td>3566558C1</td><td></td></tr> <tr><td>35</td><td>J41</td><td>18</td><td>GY</td><td>3566558C1</td><td></td></tr> <tr><td>36</td><td>J92#173</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/WTEC XMSN</td></tr> <tr><td>36</td><td>J92S(+)</td><td>20</td><td>YI</td><td>3566558C1</td><td>W/EATON XMSN</td></tr> <tr><td>37</td><td>J92#128</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/CT XMSN</td></tr> <tr><td>37</td><td>J92#180</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/WTEC XMSN</td></tr> <tr><td>37</td><td>J92(L)</td><td>20</td><td>GN</td><td>3566558C1</td><td>W/EATON XMSN</td></tr> <tr><td>38</td><td>J92#110</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/CT XMSN</td></tr> <tr><td>38</td><td>J92#124</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/WTEC XMSN</td></tr> <tr><td>38</td><td>J92(U/S)</td><td>20</td><td>NONE</td><td>3566558C1</td><td>W/EATON XMSN</td></tr> <tr><td>39</td><td>J92#175</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/WTEC XMSN</td></tr> <tr><td>39</td><td>J92C</td><td>16</td><td>TN</td><td>3566558C1</td><td>W/EATON XMSN</td></tr> <tr><td>40</td><td>J92#174</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/WTEC XMSN</td></tr> <tr><td>40</td><td>J92AD</td><td>16</td><td>TN</td><td>3566558C1</td><td>W/EATON XMSN</td></tr> <tr><td>40</td><td>J44</td><td>18</td><td>GY</td><td>3566558C1</td><td></td></tr> <tr><td>41</td><td>J92AE</td><td>16</td><td>TN</td><td>3566558C1</td><td>W/EATON XMSN</td></tr> <tr><td>41</td><td>J92D136</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/WTEC XMSN</td></tr> <tr><td>42</td><td>J92#172</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/WTEC XMSN</td></tr> <tr><td>42</td><td>J927</td><td>16</td><td>TN</td><td>3566558C1</td><td>W/EATON XMSN</td></tr> <tr><td>43</td><td>J92#171</td><td>18</td><td>TN</td><td>3566558C1</td><td>W/WTEC XMSN</td></tr> <tr><td>43</td><td>J92AA</td><td>16</td><td>TN</td><td>3566558C1</td><td>W/EATON XMSN</td></tr> <tr><td>44</td><td>J92#170</td><td>18</td><td>OR</td><td>3566558C1</td><td>W/WTEC XMSN</td></tr> <tr><td>44</td><td>J92AB</td><td>16</td><td>TN</td><td>3566558C1</td><td>W/EATON XMSN</td></tr> <tr><td>45</td><td>J92BA</td><td>18</td><td>TN</td><td>3566558C1</td><td></td></tr> <tr><td>46</td><td>J92C124</td><td>18</td><td>TN</td><td>3566558C1</td><td></td></tr> <tr><td>47</td><td>J92#136</td><td>18</td><td>TN</td><td>3566558C1</td><td></td></tr> <tr><td>48</td><td>J92#164</td><td>18</td><td>TN</td><td>3566558C1</td><td></td></tr> <tr><td>49</td><td>J12LC</td><td>18</td><td>PK</td><td>3566558C1</td><td></td></tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | NOTES | 1 | J99V | 18 | VT | 3566558C1 | | 2 | J97Y | 18 | VT | 3566558C1 | | 3 | J40FA | 18 | GY | 3566558C1 | | 3 | J90W | 18 | VT | 3566558C1 | | 4 | J90U | 18 | VT | 3566558C1 | | 5 | J97P | 18 | VT | 3566558C1 | | 6 | J1 | 18 | LT BL | 3566558C1 | | 7 | J97OA | 18 | VT | 3566558C1 | W/V8 ENGINE | 7 | J97O | 18 | VT | 3566558C1 | W/V8 ENGINE | 8 | J17 | 18 | PK | 3566558C1 | | 9 | J3A(+) | 18 | DK BL | 3566558C1 | | 10 | J3A(-) | 18 | GY | 3566558C1 | | 11 | J5B(+) | 18 | YI | 3566558C1 | N/AIR ABS | 11 | J5E(+) | 18 | YI | 3566558C1 | N/AIR ABS | 12 | J5B(-) | 18 | GN | 3566558C1 | N/AIR ABS | 12 | J5E(-) | 18 | GN | 3566558C1 | N/AIR ABS | 13 | J12BA | 18 | LT RL | 3566558C1 | | 14 | J70NT | 16 | RD | 3566558C1 | | 15 | J13C | 18 | PK | 3566558C1 | | 16 | J72B | 18 | OR | 3566558C1 | W/ALX SOCKET | 17 | J40F | 18 | GY | 3566558C1 | W/AIR BRAKES | 18 | J17J | 18 | PK | 3566558C1 | | 18 | J17S | 18 | PK | 3566558C1 | | 19 | J49A | 18 | GY | 3566558C1 | W/DIFF LOCK | 20 | J49B | 18 | GY | 3566558C1 | W/TANDEM DIFF LOCK | 21 | J14HC | 16 | RD | 3567154C1 | | 22 | J74 | 18 | LT GN | 3566558C1 | | 23 | J74A | 18 | LT GN | 3566558C1 | | 24 | J23F | 18 | TN | 3566558C1 | W/SNOW VALVE | 24 | J92APA | 18 | TN | 3566558C1 | W/AUTONEUTRAL | 24 | J92#125 | 18 | TN | 3566558C1 | | 25 | J23H | 18 | TN | 3566558C1 | | 26 | J23J | 18 | TN | 3566558C1 | | 27 | J23K | 18 | TN | 3566558C1 | | 28 | J14GD | 16 | WH | 3567154C1 | | 29 | J21E | 18 | TN | 3566558C1 | | 30 | J97BA | 18 | GY | 3566558C1 | | 30 | J97BB | 18 | GY | 3566558C1 | | 31 | J23L | 18 | TN | 3566558C1 | | 32 | | | | | | 33 | J92D143 | 18 | TN | 3566558C1 | W/WTEC XMSN | 33 | J17C | 18 | PK | 3566558C1 | W/EATON XMSN | 34 | J41A | 18 | GY | 3566558C1 | | 35 | J41 | 18 | GY | 3566558C1 | | 36 | J92#173 | 18 | TN | 3566558C1 | W/WTEC XMSN | 36 | J92S(+) | 20 | YI | 3566558C1 | W/EATON XMSN | 37 | J92#128 | 18 | TN | 3566558C1 | W/CT XMSN | 37 | J92#180 | 18 | TN | 3566558C1 | W/WTEC XMSN | 37 | J92(L) | 20 | GN | 3566558C1 | W/EATON XMSN | 38 | J92#110 | 18 | TN | 3566558C1 | W/CT XMSN | 38 | J92#124 | 18 | TN | 3566558C1 | W/WTEC XMSN | 38 | J92(U/S) | 20 | NONE | 3566558C1 | W/EATON XMSN | 39 | J92#175 | 18 | TN | 3566558C1 | W/WTEC XMSN | 39 | J92C | 16 | TN | 3566558C1 | W/EATON XMSN | 40 | J92#174 | 18 | TN | 3566558C1 | W/WTEC XMSN | 40 | J92AD | 16 | TN | 3566558C1 | W/EATON XMSN | 40 | J44 | 18 | GY | 3566558C1 | | 41 | J92AE | 16 | TN | 3566558C1 | W/EATON XMSN | 41 | J92D136 | 18 | TN | 3566558C1 | W/WTEC XMSN | 42 | J92#172 | 18 | TN | 3566558C1 | W/WTEC XMSN | 42 | J927 | 16 | TN | 3566558C1 | W/EATON XMSN | 43 | J92#171 | 18 | TN | 3566558C1 | W/WTEC XMSN | 43 | J92AA | 16 | TN | 3566558C1 | W/EATON XMSN | 44 | J92#170 | 18 | OR | 3566558C1 | W/WTEC XMSN | 44 | J92AB | 16 | TN | 3566558C1 | W/EATON XMSN | 45 | J92BA | 18 | TN | 3566558C1 | | 46 | J92C124 | 18 | TN | 3566558C1 | | 47 | J92#136 | 18 | TN | 3566558C1 | | 48 | J92#164 | 18 | TN | 3566558C1 | | 49 | J12LC | 18 | PK | 3566558C1 | |
| CAV | CIR | GAUGE | COLOR | TERM | NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | J99V | 18 | VT | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | J97Y | 18 | VT | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | J40FA | 18 | GY | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | J90W | 18 | VT | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | J90U | 18 | VT | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | J97P | 18 | VT | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | J1 | 18 | LT BL | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | J97OA | 18 | VT | 3566558C1 | W/V8 ENGINE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | J97O | 18 | VT | 3566558C1 | W/V8 ENGINE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | J17 | 18 | PK | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | J3A(+) | 18 | DK BL | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | J3A(-) | 18 | GY | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | J5B(+) | 18 | YI | 3566558C1 | N/AIR ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | J5E(+) | 18 | YI | 3566558C1 | N/AIR ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | J5B(-) | 18 | GN | 3566558C1 | N/AIR ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | J5E(-) | 18 | GN | 3566558C1 | N/AIR ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | J12BA | 18 | LT RL | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | J70NT | 16 | RD | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | J13C | 18 | PK | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | J72B | 18 | OR | 3566558C1 | W/ALX SOCKET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | J40F | 18 | GY | 3566558C1 | W/AIR BRAKES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | J17J | 18 | PK | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | J17S | 18 | PK | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | J49A | 18 | GY | 3566558C1 | W/DIFF LOCK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | J49B | 18 | GY | 3566558C1 | W/TANDEM DIFF LOCK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | J14HC | 16 | RD | 3567154C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | J74 | 18 | LT GN | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | J74A | 18 | LT GN | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | J23F | 18 | TN | 3566558C1 | W/SNOW VALVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | J92APA | 18 | TN | 3566558C1 | W/AUTONEUTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | J92#125 | 18 | TN | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | J23H | 18 | TN | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | J23J | 18 | TN | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | J23K | 18 | TN | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | J14GD | 16 | WH | 3567154C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | J21E | 18 | TN | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | J97BA | 18 | GY | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | J97BB | 18 | GY | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | J23L | 18 | TN | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | J92D143 | 18 | TN | 3566558C1 | W/WTEC XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | J17C | 18 | PK | 3566558C1 | W/EATON XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | J41A | 18 | GY | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | J41 | 18 | GY | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | J92#173 | 18 | TN | 3566558C1 | W/WTEC XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | J92S(+) | 20 | YI | 3566558C1 | W/EATON XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | J92#128 | 18 | TN | 3566558C1 | W/CT XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | J92#180 | 18 | TN | 3566558C1 | W/WTEC XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | J92(L) | 20 | GN | 3566558C1 | W/EATON XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | J92#110 | 18 | TN | 3566558C1 | W/CT XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | J92#124 | 18 | TN | 3566558C1 | W/WTEC XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | J92(U/S) | 20 | NONE | 3566558C1 | W/EATON XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | J92#175 | 18 | TN | 3566558C1 | W/WTEC XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | J92C | 16 | TN | 3566558C1 | W/EATON XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | J92#174 | 18 | TN | 3566558C1 | W/WTEC XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | J92AD | 16 | TN | 3566558C1 | W/EATON XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | J44 | 18 | GY | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | J92AE | 16 | TN | 3566558C1 | W/EATON XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | J92D136 | 18 | TN | 3566558C1 | W/WTEC XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | J92#172 | 18 | TN | 3566558C1 | W/WTEC XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | J927 | 16 | TN | 3566558C1 | W/EATON XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | J92#171 | 18 | TN | 3566558C1 | W/WTEC XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | J92AA | 16 | TN | 3566558C1 | W/EATON XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | J92#170 | 18 | OR | 3566558C1 | W/WTEC XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | J92AB | 16 | TN | 3566558C1 | W/EATON XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | J92BA | 18 | TN | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | J92C124 | 18 | TN | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | J92#136 | 18 | TN | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | J92#164 | 18 | TN | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | J12LC | 18 | PK | 3566558C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONNECTOR ASSY - 3566554C91 COVER - 3566555C1 WAFER - 3566572C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | RMVD & ADDED MULTIPLE | C | 56507K | U00DAG9 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | CIR NUMBERS TO(4014). | | | RELEASE NO. P52778H | DATE 26 JUN00 PART NO. AF08-52376 SHEET 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 140 Connector Composite (4014)

12.26. CONNECTOR COMPOSITE (4014/1700), P. 26

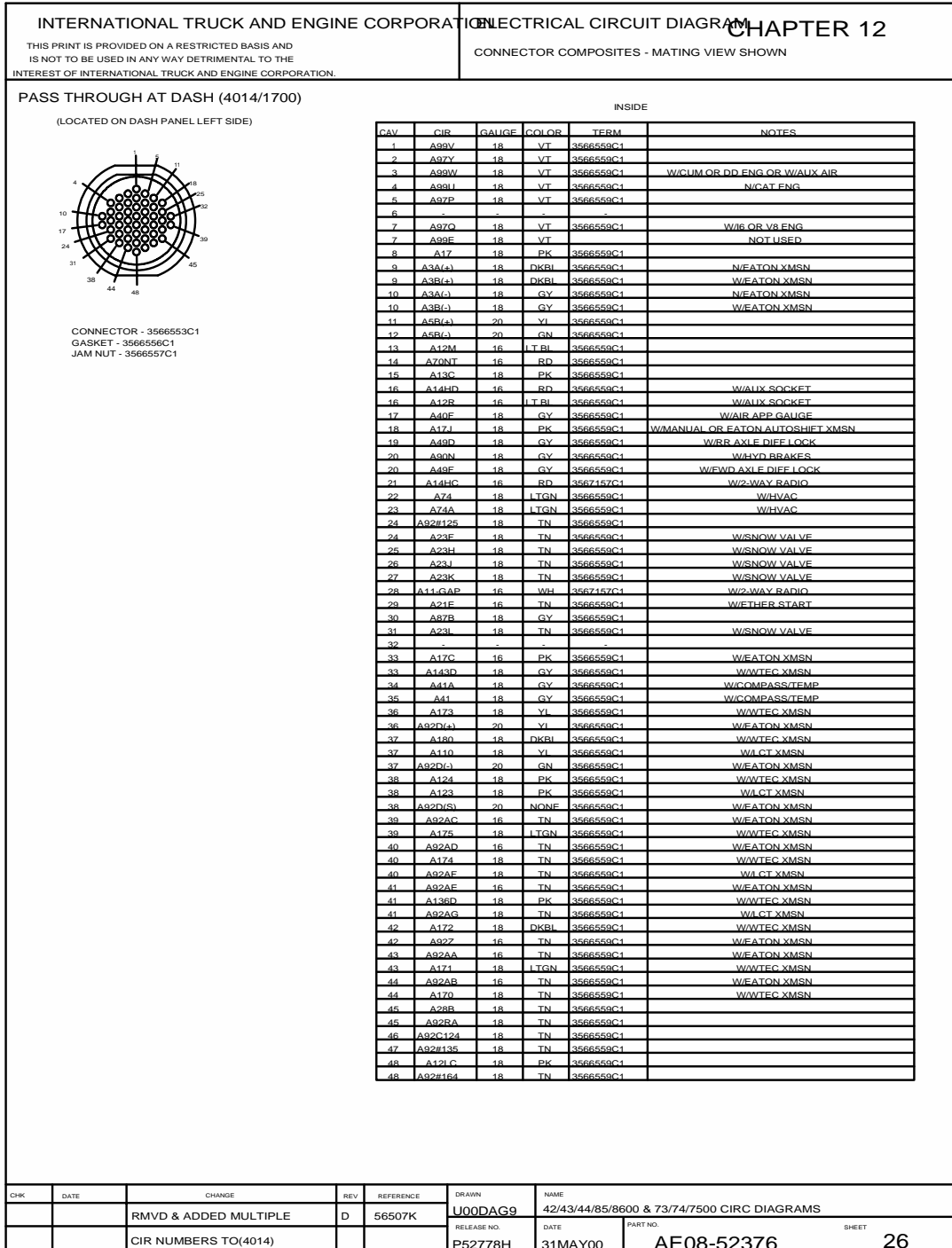


Figure 141 Connector Composite (4014/1700)

12.27. CONNECTOR COMPOSITES (4015), (4017), (4018), (4019), (4020), (4021), (4022), (4023), P. 27

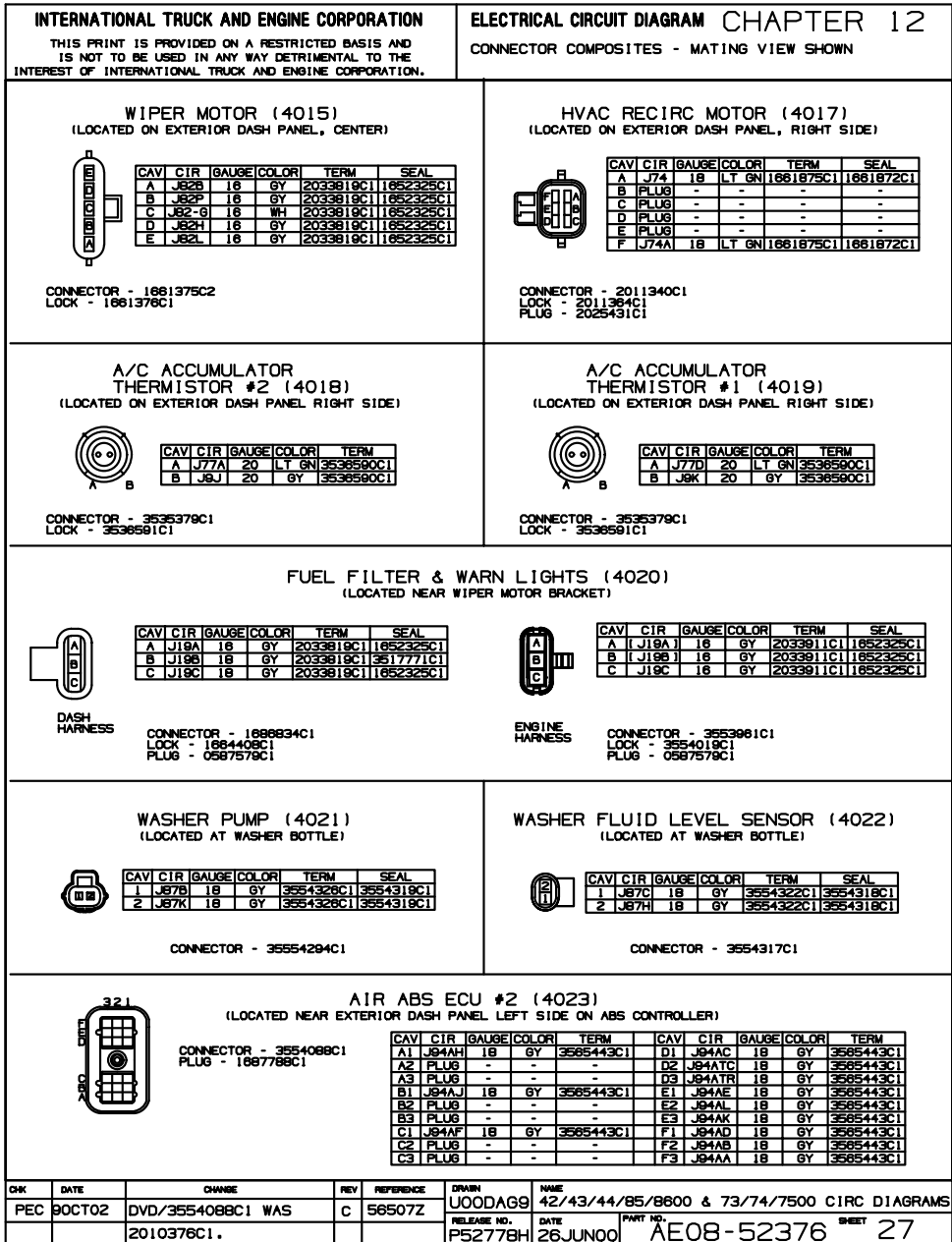


Figure 142 Connector Composites (4015), (4017), (4018), (4019), (4020), (4021), (4022), (4023)

12.28. CONNECTOR COMPOSITES (4024), (4030), (4031), (4032), (4033), (4040), (4041), P. 28

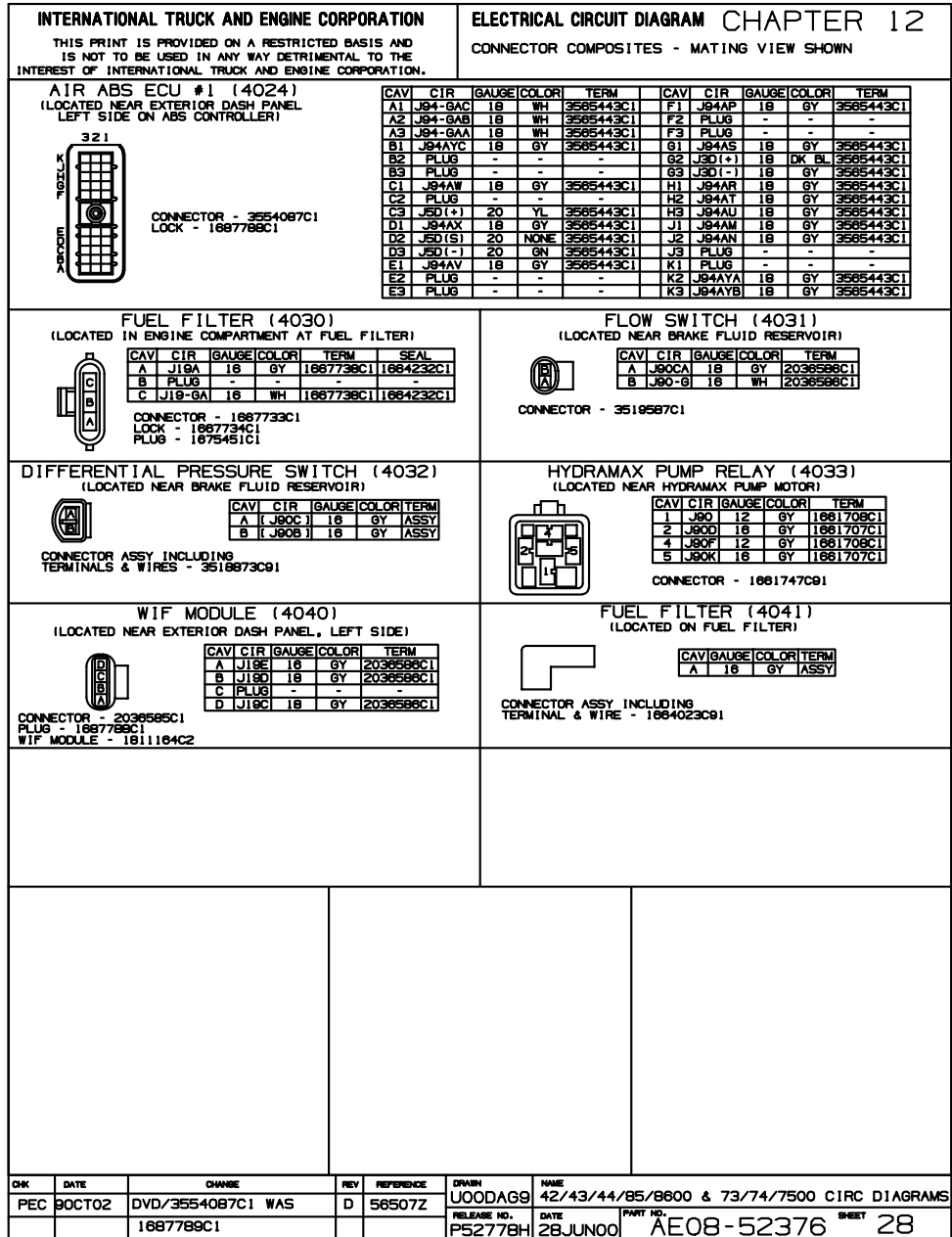


Figure 143 Connector Composites (4024), (4030), (4031), (4032), (4033), (4040), (4041)

12.29. CONNECTOR COMPOSITES (4087), (4098), (4070), (4071), P. 29

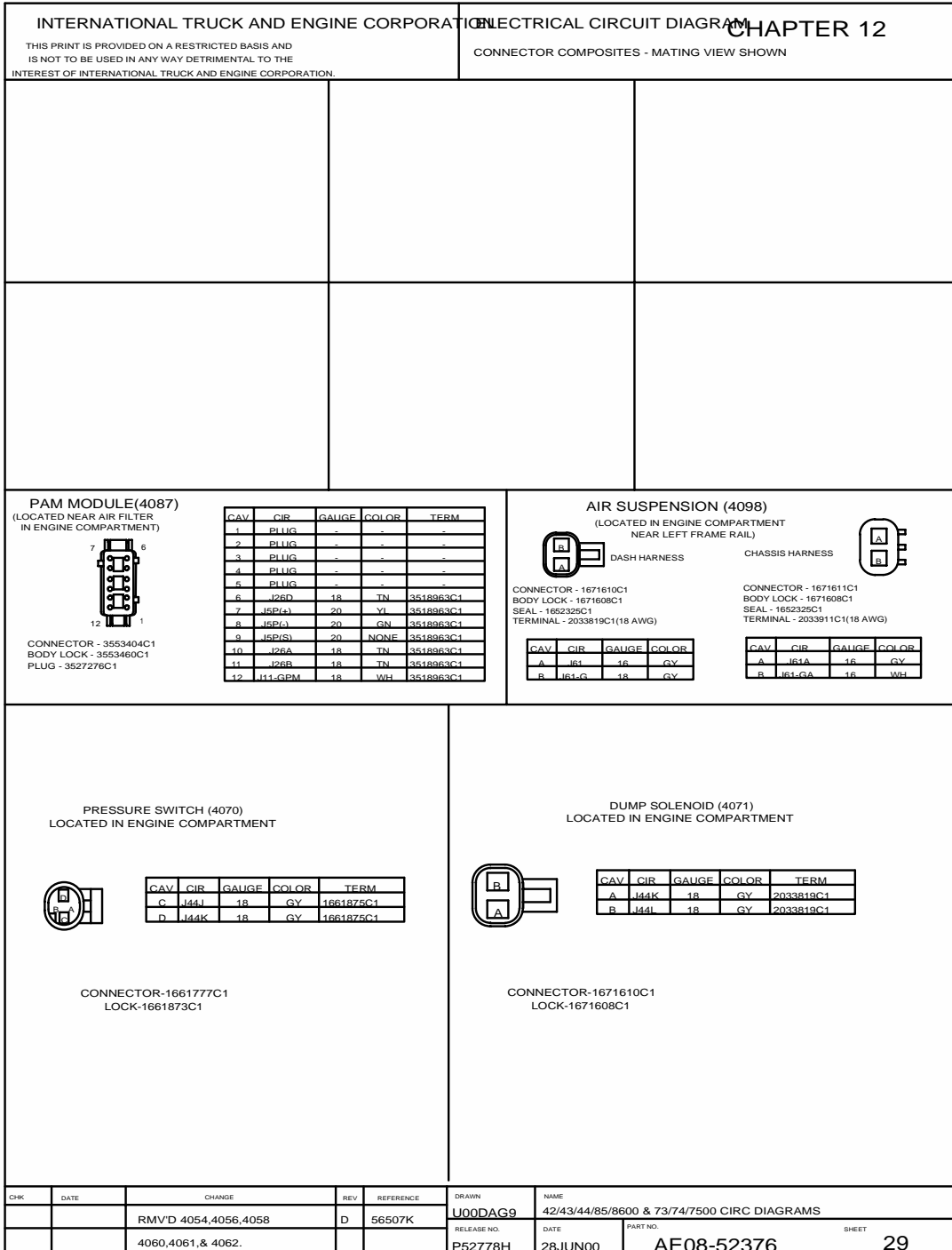


Figure 144 Connector Composites (4087), (4098), (4070), (4071)

12.30. CONNECTOR COMPOSITE (4103), P. 30

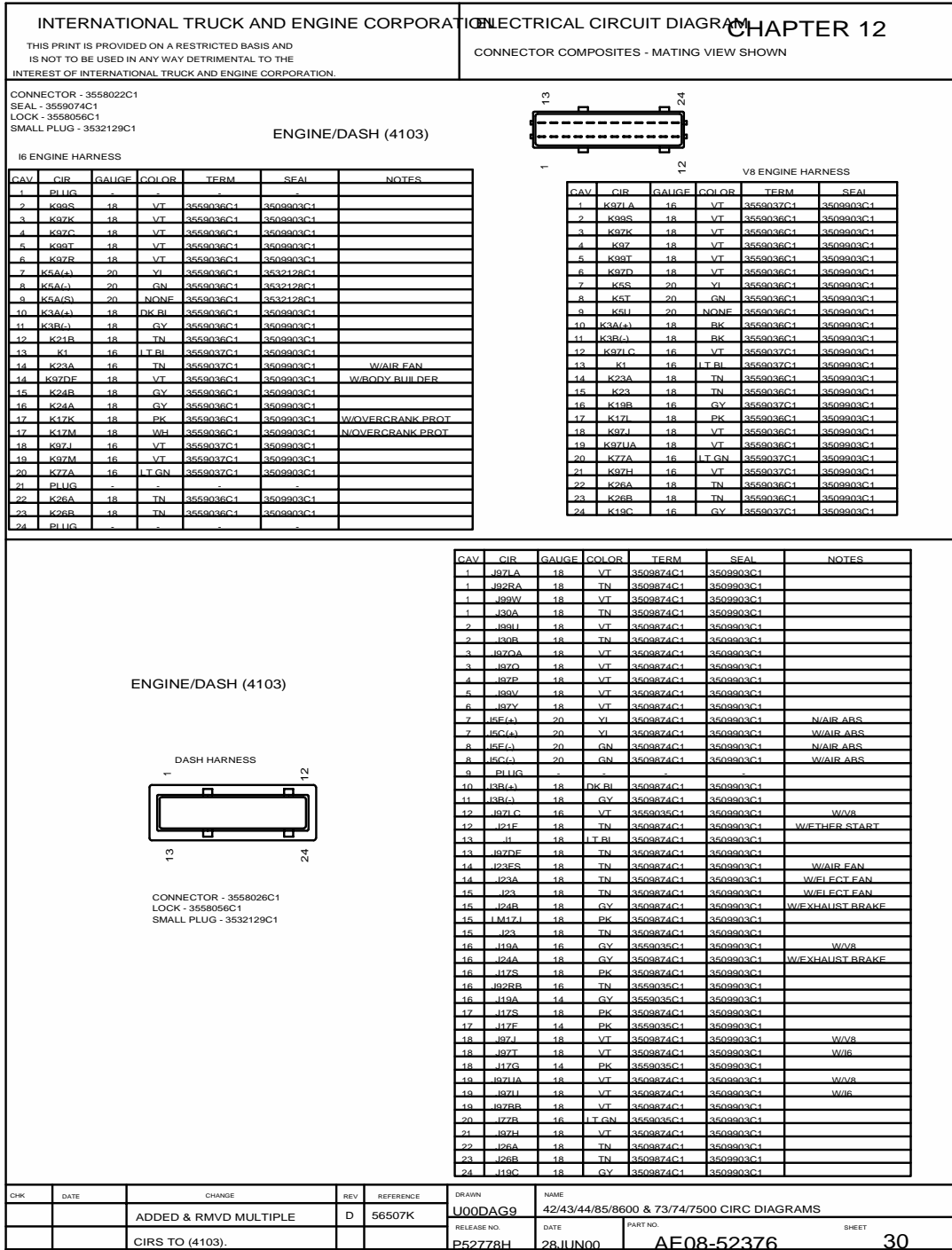


Figure 145 Connector Composite (4103)

12.31. CONNECTOR COMPOSITES (4105), (4111), (4120), (4301), P. 31

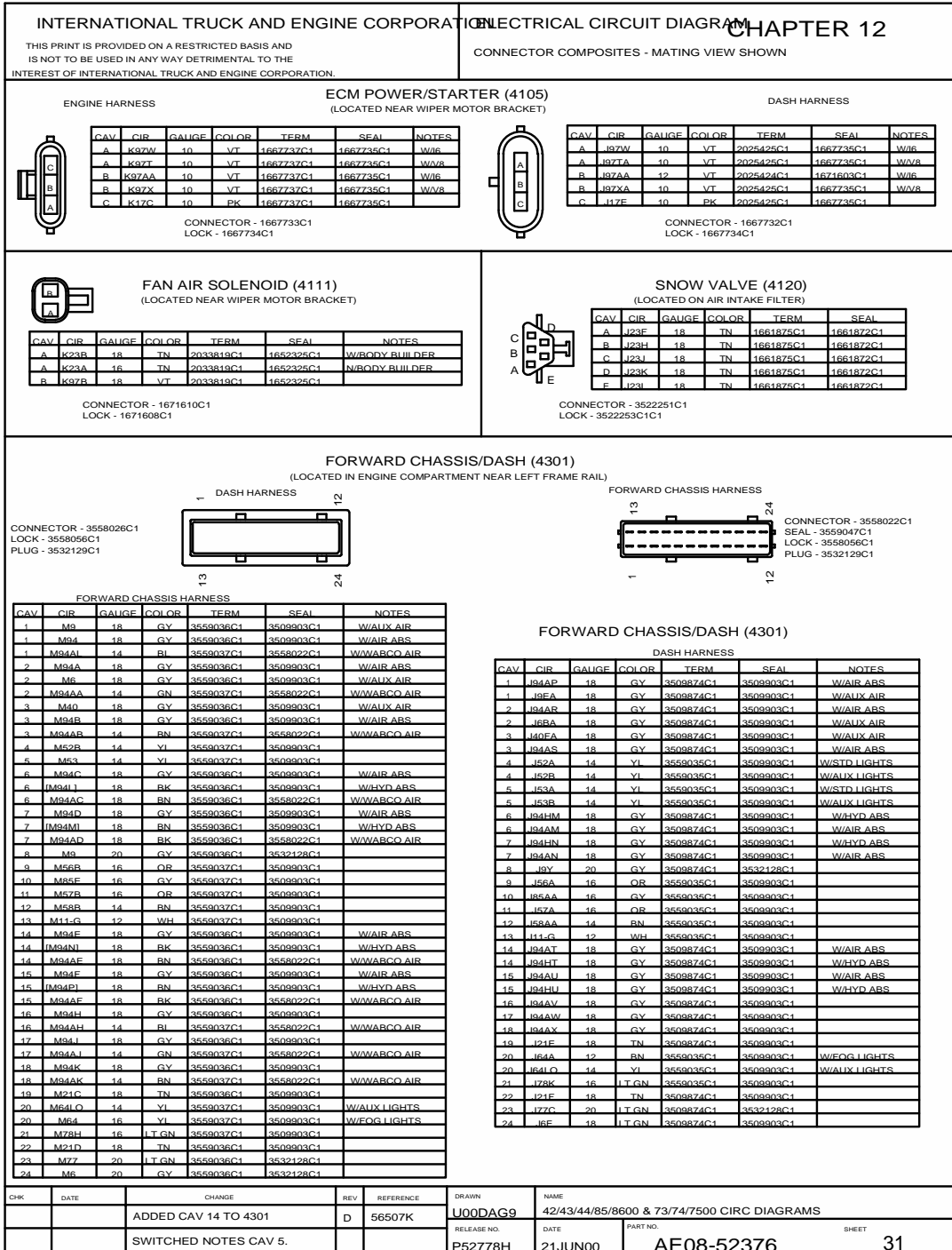


Figure 146 Connector Composites (4105), (4111), (4120), (4301)

12.32. CONNECTOR COMPOSITES (4305), (4410), (4410B), (4410C), (4410D), (4410E), (4410H), (4410M), (4411), P. 32

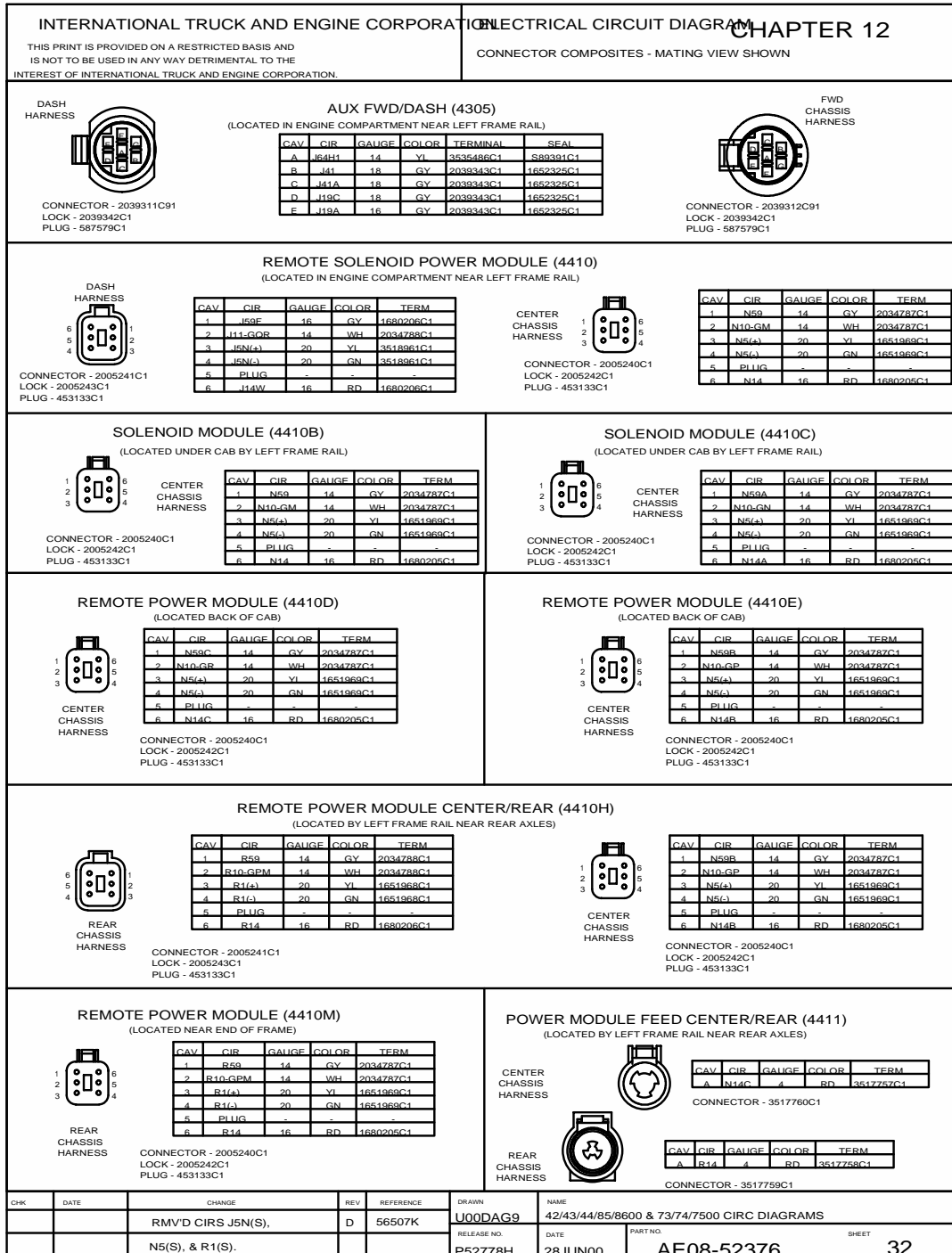


Figure 147 Connector Composites (4305), (4410), (4410B), (4410C), (4410D), (4410E), (4410H), (4410M), (4411)

12.33. CONNECTOR COMPOSITES (4411A), (4411B), (4412), (4415), (4450), (4450A), (4460A), (4460), P. 33

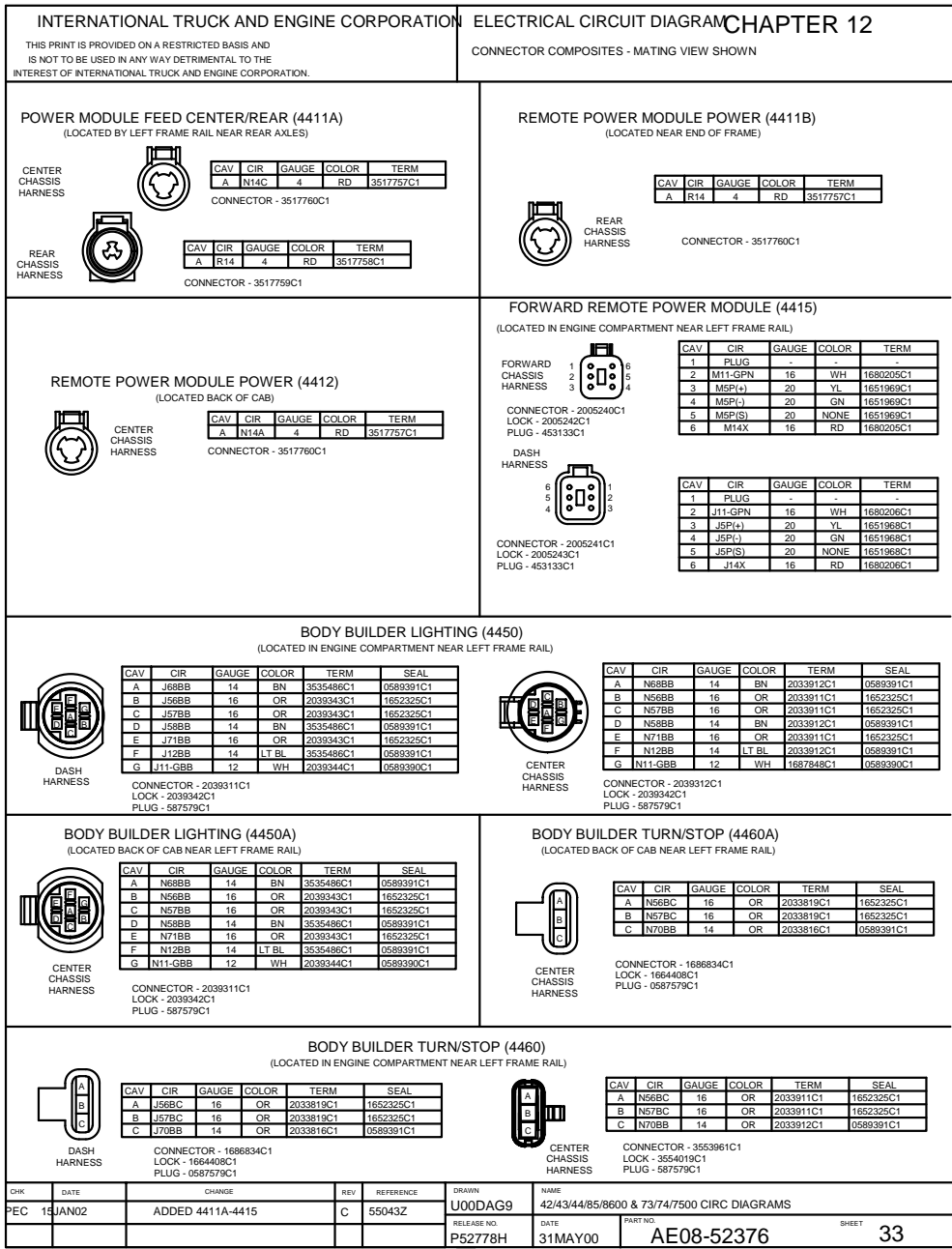


Figure 148 Connector Composites (4411A), (4411B), (4412), (4415), (4450), (4450A), (4460A), (4460)

12.34. CONNECTOR COMPOSITE (4705), P. 34

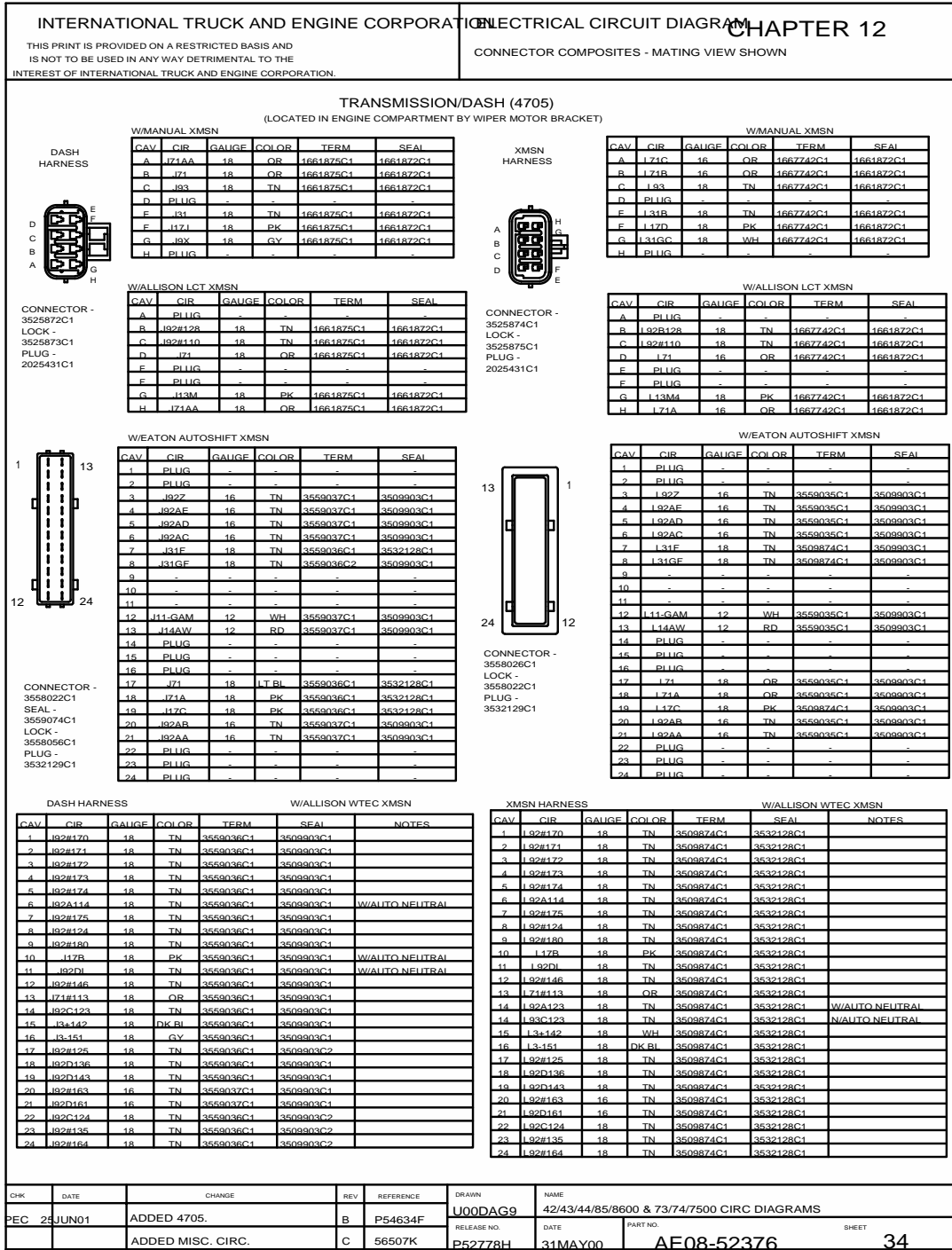


Figure 149 Connector Composite (4705)

12.35. CONNECTOR COMPOSITES (4810), (4820), (4830), (4840), (4850), (4900), P. 35



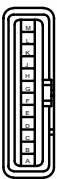


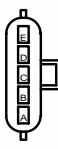
| INTERNATIONAL TRUCK AND ENGINE CORPORATION <small>THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION.</small> | | ELECTRICAL CIRCUIT DIAGRAMS CHAPTER 12 CONNECTOR COMPOSITES - MATING VIEW SHOWN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| BACKUP LIGHT TURN SIGNAL SPLICE (4810) (LOCATED NEAR POWER DISTRIBUTION CENTER)  CONNECTOR - 3543733C1 LOCK - 3543732C1 PLUG - 3535425C1 BUS BAR - 3543736C1 | | J1708 & 5 VOLT REF SPLICE (4820) (LOCATED NEAR WIPER MOTOR BRACKET)  CONNECTOR - 3543733C1 LOCK - 3543732C1 PLUG - 3535425C1 BUS BAR - 3543736C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> <th>NOTES</th> </tr> </thead> <tbody> <tr><td></td><td>RIGHT TURN</td><td></td><td></td><td>BUS BAR</td><td></td><td></td></tr> <tr><td>A</td><td>J57AA</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>B</td><td>J57A</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>C</td><td>J57H</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>D</td><td>J57BC</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td></td><td>LEFT TURN</td><td></td><td></td><td>BUS BAR</td><td></td><td></td></tr> <tr><td>E</td><td>J56AA</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>F</td><td>J56A</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>G</td><td>J56H</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>H</td><td>J56BC</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td></td><td>BACK LIP</td><td></td><td></td><td>BUS BAR</td><td></td><td></td></tr> <tr><td>I</td><td>J71A</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>J</td><td>J71B</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>K</td><td>J71B</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>L</td><td>J71AA</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td>W/MANUAL XMSN</td></tr> <tr><td>I</td><td>J71A</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td>W/WALLISON LCT</td></tr> <tr><td>I</td><td>J71B</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td>W/WALLISON WTEC</td></tr> <tr><td>I</td><td>J71A</td><td>18</td><td>PK</td><td>3535303C1</td><td>3535424C1</td><td>W/EATON AUTOSHIFT</td></tr> <tr><td>M</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td><td></td></tr> </tbody> </table> | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES | | RIGHT TURN | | | BUS BAR | | | A | J57AA | 16 | OR | 3535303C1 | 3535424C1 | | B | J57A | 16 | OR | 3535303C1 | 3535424C1 | | C | J57H | 16 | OR | 3535303C1 | 3535424C1 | | D | J57BC | 16 | OR | 3535303C1 | 3535424C1 | | | LEFT TURN | | | BUS BAR | | | E | J56AA | 16 | OR | 3535303C1 | 3535424C1 | | F | J56A | 16 | OR | 3535303C1 | 3535424C1 | | G | J56H | 16 | OR | 3535303C1 | 3535424C1 | | H | J56BC | 16 | OR | 3535303C1 | 3535424C1 | | | BACK LIP | | | BUS BAR | | | I | J71A | 18 | OR | 3535303C1 | 3535424C1 | | J | J71B | 18 | OR | 3535303C1 | 3535424C1 | | K | J71B | 18 | OR | 3535303C1 | 3535424C1 | | L | J71AA | 18 | OR | 3535303C1 | 3535424C1 | W/MANUAL XMSN | I | J71A | 18 | OR | 3535303C1 | 3535424C1 | W/WALLISON LCT | I | J71B | 18 | OR | 3535303C1 | 3535424C1 | W/WALLISON WTEC | I | J71A | 18 | PK | 3535303C1 | 3535424C1 | W/EATON AUTOSHIFT | M | PLUG | - | - | - | - | | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> <th>NOTES</th> </tr> </thead> <tbody> <tr><td></td><td>5 VOLT REF</td><td></td><td></td><td>BUS BAR</td><td></td><td></td></tr> <tr><td>A</td><td>J6BA</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>B</td><td>J6A</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>C</td><td>J6F</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>D</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td></td><td>DATA LINK</td><td></td><td></td><td>J1708 POSITIVE</td><td>BUS BAR</td><td></td></tr> <tr><td>E</td><td>J3A(+)</td><td>18</td><td>DK BL</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>F</td><td>J3B(+)</td><td>18</td><td>DK BL</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>G</td><td>J3D(+)</td><td>18</td><td>DK BL</td><td>3535303C1</td><td>3535424C1</td><td>BNDX AIR ABS</td></tr> <tr><td>G</td><td>J94A(+)</td><td>18</td><td>DK BL</td><td>3535303C1</td><td>3535424C1</td><td>WABCO AIR ABS</td></tr> <tr><td>G</td><td>J3C(+)</td><td>18</td><td>DK BL</td><td>3535303C1</td><td>3535424C1</td><td>WHYD ABS</td></tr> <tr><td>H</td><td>J3+42</td><td>18</td><td>DK BL</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td></td><td>DATA LINK</td><td></td><td></td><td>J1708 NEGATIVE</td><td>BUS BAR</td><td></td></tr> <tr><td>I</td><td>J3A(-)</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>K</td><td>J3B(-)</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>I</td><td>J3D(-)</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td><td>BNDX AIR ABS</td></tr> <tr><td>I</td><td>J94A(-)</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td><td>WABCO AIR ABS</td></tr> <tr><td>I</td><td>J3C(-)</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td><td>WHYD ABS</td></tr> <tr><td>M</td><td>J3-151</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> </tbody> </table> | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES | | 5 VOLT REF | | | BUS BAR | | | A | J6BA | 18 | GY | 3535303C1 | 3535424C1 | | B | J6A | 18 | GY | 3535303C1 | 3535424C1 | | C | J6F | 18 | GY | 3535303C1 | 3535424C1 | | D | PLUG | - | - | - | - | | | DATA LINK | | | J1708 POSITIVE | BUS BAR | | E | J3A(+) | 18 | DK BL | 3535303C1 | 3535424C1 | | F | J3B(+) | 18 | DK BL | 3535303C1 | 3535424C1 | | G | J3D(+) | 18 | DK BL | 3535303C1 | 3535424C1 | BNDX AIR ABS | G | J94A(+) | 18 | DK BL | 3535303C1 | 3535424C1 | WABCO AIR ABS | G | J3C(+) | 18 | DK BL | 3535303C1 | 3535424C1 | WHYD ABS | H | J3+42 | 18 | DK BL | 3535303C1 | 3535424C1 | | | DATA LINK | | | J1708 NEGATIVE | BUS BAR | | I | J3A(-) | 18 | GY | 3535303C1 | 3535424C1 | | K | J3B(-) | 18 | GY | 3535303C1 | 3535424C1 | | I | J3D(-) | 18 | GY | 3535303C1 | 3535424C1 | BNDX AIR ABS | I | J94A(-) | 18 | GY | 3535303C1 | 3535424C1 | WABCO AIR ABS | I | J3C(-) | 18 | GY | 3535303C1 | 3535424C1 | WHYD ABS | M | J3-151 | 18 | GY | 3535303C1 | 3535424C1 | |
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| J | J71B | 18 | OR | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K | J71B | 18 | OR | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | J71AA | 18 | OR | 3535303C1 | 3535424C1 | W/MANUAL XMSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | J71A | 18 | OR | 3535303C1 | 3535424C1 | W/WALLISON LCT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | J71B | 18 | OR | 3535303C1 | 3535424C1 | W/WALLISON WTEC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | J71A | 18 | PK | 3535303C1 | 3535424C1 | W/EATON AUTOSHIFT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 VOLT REF | | | BUS BAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | J6BA | 18 | GY | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | DATA LINK | | | J1708 POSITIVE | BUS BAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | J3A(+) | 18 | DK BL | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | J3B(+) | 18 | DK BL | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | J3D(+) | 18 | DK BL | 3535303C1 | 3535424C1 | BNDX AIR ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | J94A(+) | 18 | DK BL | 3535303C1 | 3535424C1 | WABCO AIR ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | J3C(+) | 18 | DK BL | 3535303C1 | 3535424C1 | WHYD ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | J3+42 | 18 | DK BL | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DATA LINK | | | J1708 NEGATIVE | BUS BAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | J3A(-) | 18 | GY | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K | J3B(-) | 18 | GY | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | J3D(-) | 18 | GY | 3535303C1 | 3535424C1 | BNDX AIR ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | J94A(-) | 18 | GY | 3535303C1 | 3535424C1 | WABCO AIR ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | J3C(-) | 18 | GY | 3535303C1 | 3535424C1 | WHYD ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M | J3-151 | 18 | GY | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ELECTRONIC REF GROUND SPLICE (4830) (LOCATED NEAR POWER DISTRIBUTION CENTER)  CONNECTOR - 3543730C1 LOCK - 3543732C1 PLUG - 3535425C1 BUS BAR - 3543735C1 | | RELAY COIL IGNITION SPLICE (4840) (LOCATED INSIDE POWER DISTRIBUTION CENTER)  <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr><td>A</td><td>J13X</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>B</td><td>J94BE</td><td>18</td><td>GY</td><td>1661208C1</td></tr> <tr><td>C</td><td>J13AS</td><td>18</td><td>PK</td><td>1661208C1</td></tr> <tr><td>F</td><td>J13AV</td><td>18</td><td>PK</td><td>1661208C1</td></tr> </tbody> </table> CONNECTOR - 2006789C1 LOCK - 2006792C1 COVER - 2006790C1 BUS BAR - 2006791C1 | | CAV | CIR | GAUGE | COLOR | TERM | A | J13X | 18 | PK | 1661208C1 | B | J94BE | 18 | GY | 1661208C1 | C | J13AS | 18 | PK | 1661208C1 | F | J13AV | 18 | PK | 1661208C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| COMBINATION TURN STOP (4850) (LOCATED NEAR POWER DISTRIBUTION CENTER)  <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td></td><td>RIGHT TURN</td><td></td><td></td><td>STOP BUS</td><td>BAR</td><td></td></tr> <tr><td>A</td><td>J57J</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>B</td><td>J57B</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>C</td><td>J57K</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>D</td><td>J57BB</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td></td><td>LEFT TURN</td><td></td><td></td><td>STOP BUS</td><td>BAR</td><td></td></tr> <tr><td>E</td><td>J56J</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>F</td><td>J56B</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>G</td><td>J56K</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>H</td><td>J56BB</td><td>16</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td></td><td>UNUSED</td><td></td><td></td><td>BUS BAR</td><td></td><td></td></tr> <tr><td>J</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>K</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>L</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>M</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td><td></td></tr> </tbody> </table> CONNECTOR - 3543733C1 LOCK - 3543732C1 PLUG - 3535425C1 BUS BAR - 3543736C1 | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | | RIGHT TURN | | | STOP BUS | BAR | | A | J57J | 16 | OR | 3535303C1 | 3535424C1 | | B | J57B | 16 | OR | 3535303C1 | 3535424C1 | | C | J57K | 16 | OR | 3535303C1 | 3535424C1 | | D | J57BB | 16 | OR | 3535303C1 | 3535424C1 | | | LEFT TURN | | | STOP BUS | BAR | | E | J56J | 16 | OR | 3535303C1 | 3535424C1 | | F | J56B | 16 | OR | 3535303C1 | 3535424C1 | | G | J56K | 16 | OR | 3535303C1 | 3535424C1 | | H | J56BB | 16 | OR | 3535303C1 | 3535424C1 | | | UNUSED | | | BUS BAR | | | J | PLUG | - | - | - | - | | K | PLUG | - | - | - | - | | L | PLUG | - | - | - | - | | M | PLUG | - | - | - | - | | WABCO AIR ABS POWER (4900)  CONNECTOR - 1661375C2 BODY LOCK - 1661376C1 SEAL - 0589391C1 (14 AWG) - 0589390C1 (12 AWG) - 3517771C1 (18 AWG) TERM - 2033816C1 (14 & 12 AWG) - 2033819C1 (18 AWG) <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> </tr> </thead> <tbody> <tr><td>A</td><td>J94AA</td><td>14</td><td>GY</td></tr> <tr><td>B</td><td>J94AB</td><td>14</td><td>GY</td></tr> <tr><td>C</td><td>J94-GA</td><td>12</td><td>WH</td></tr> <tr><td>D</td><td>J94-AW</td><td>18</td><td>GY</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td></tr> </tbody> </table> | | CAV | CIR | GAUGE | COLOR | A | J94AA | 14 | GY | B | J94AB | 14 | GY | C | J94-GA | 12 | WH | D | J94-AW | 18 | GY | E | PLUG | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | RIGHT TURN | | | STOP BUS | BAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| C | J57K | 16 | OR | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| G | J56K | 16 | OR | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | J56BB | 16 | OR | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | UNUSED | | | BUS BAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| K | PLUG | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CAV | CIR | GAUGE | COLOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| B | J94AB | 14 | GY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | J94-GA | 12 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | J94-AW | 18 | GY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <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></td> <td></td> <td>ADDED CIRCS J94A(+)</td> <td>D</td> <td>56507K</td> <td>U00EDL2</td> <td>42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS</td> </tr> <tr> <td></td> <td></td> <td>J94A(-) TO (4820).</td> <td></td> <td></td> <td>P52778H</td> <td>RELEASE NO. DATE PART NO. SHEET</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>31MAY00 AF08-52376 35</td> </tr> </tbody> </table> | | CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | ADDED CIRCS J94A(+) | D | 56507K | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | J94A(-) TO (4820). | | | P52778H | RELEASE NO. DATE PART NO. SHEET | | | | | | | 31MAY00 AF08-52376 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | ADDED CIRCS J94A(+) | D | 56507K | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | J94A(-) TO (4820). | | | P52778H | RELEASE NO. DATE PART NO. SHEET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 31MAY00 AF08-52376 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 150 Connector Composites (4810), (4820), (4830), (4840), (4850), (4900)

12.36. CONNECTOR COMPOSITES (4910), (4950), (4951), (4900), P. 36

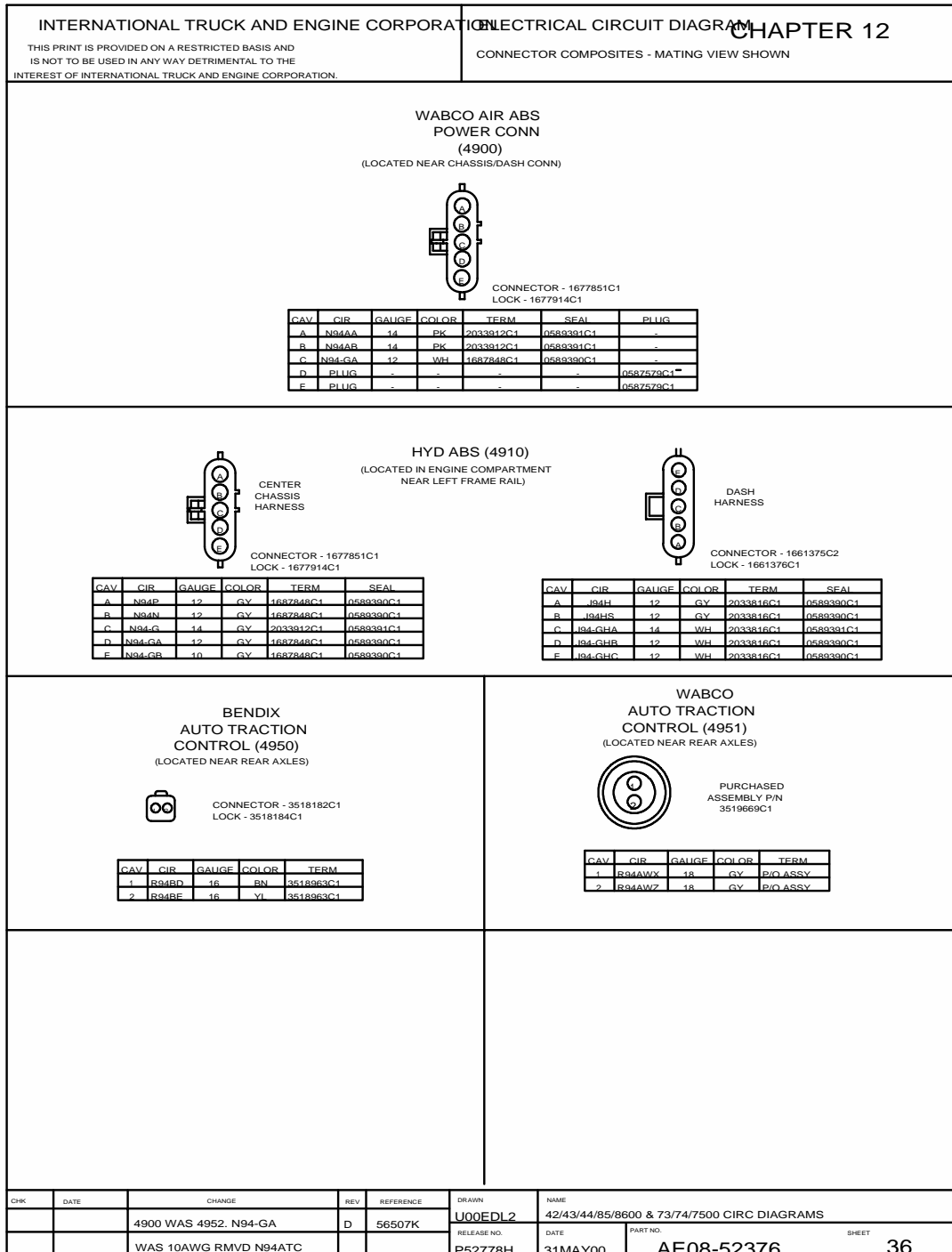


Figure 151 Connector Composites (4910), (4950), (4951), (4900)

12.37. CONNECTOR COMPOSITES (6007), (6011), P. 37

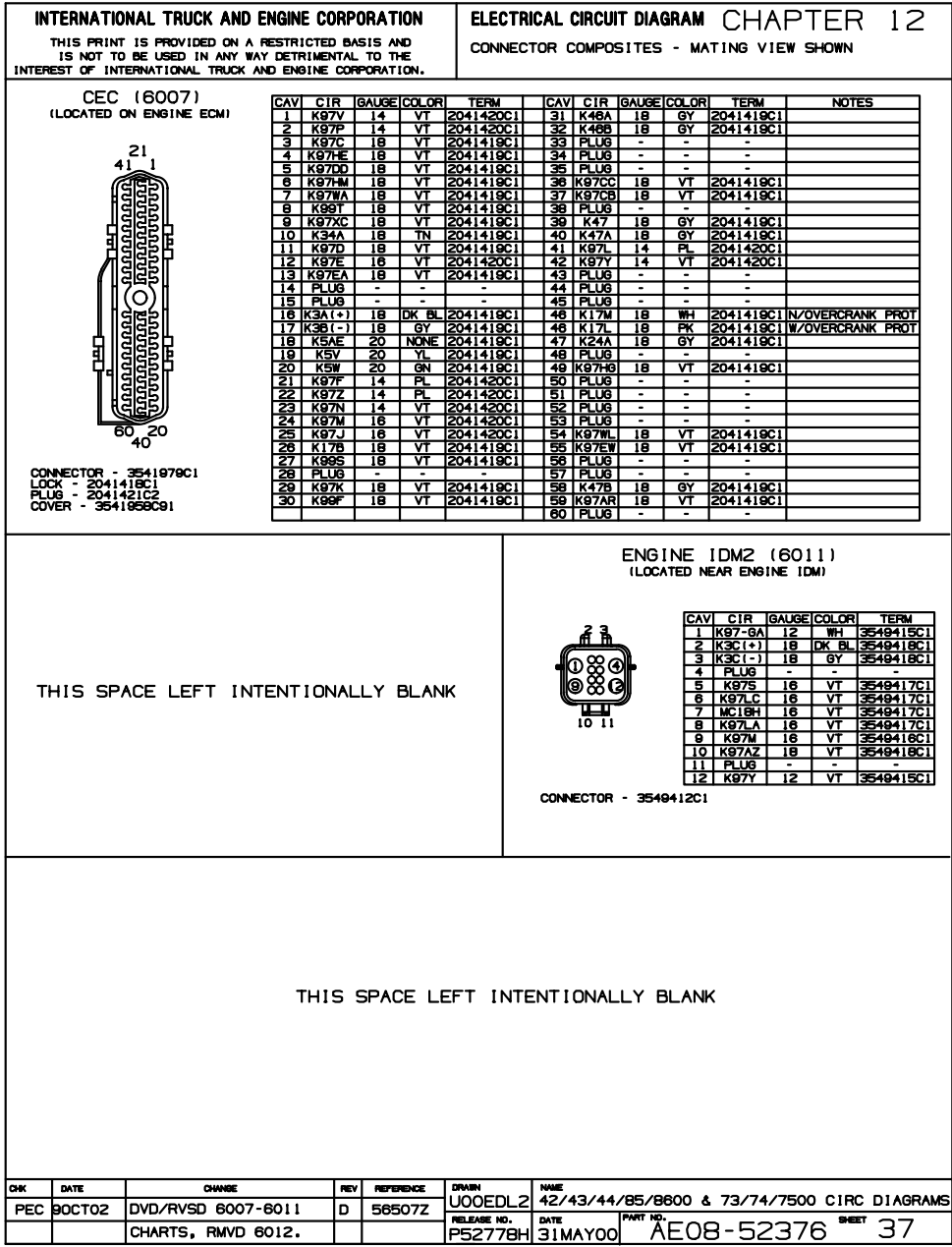


Figure 152 Connector Composites (6007), (6011)

12.38. CONNECTOR COMPOSITES (6013M), (6014), P. 38

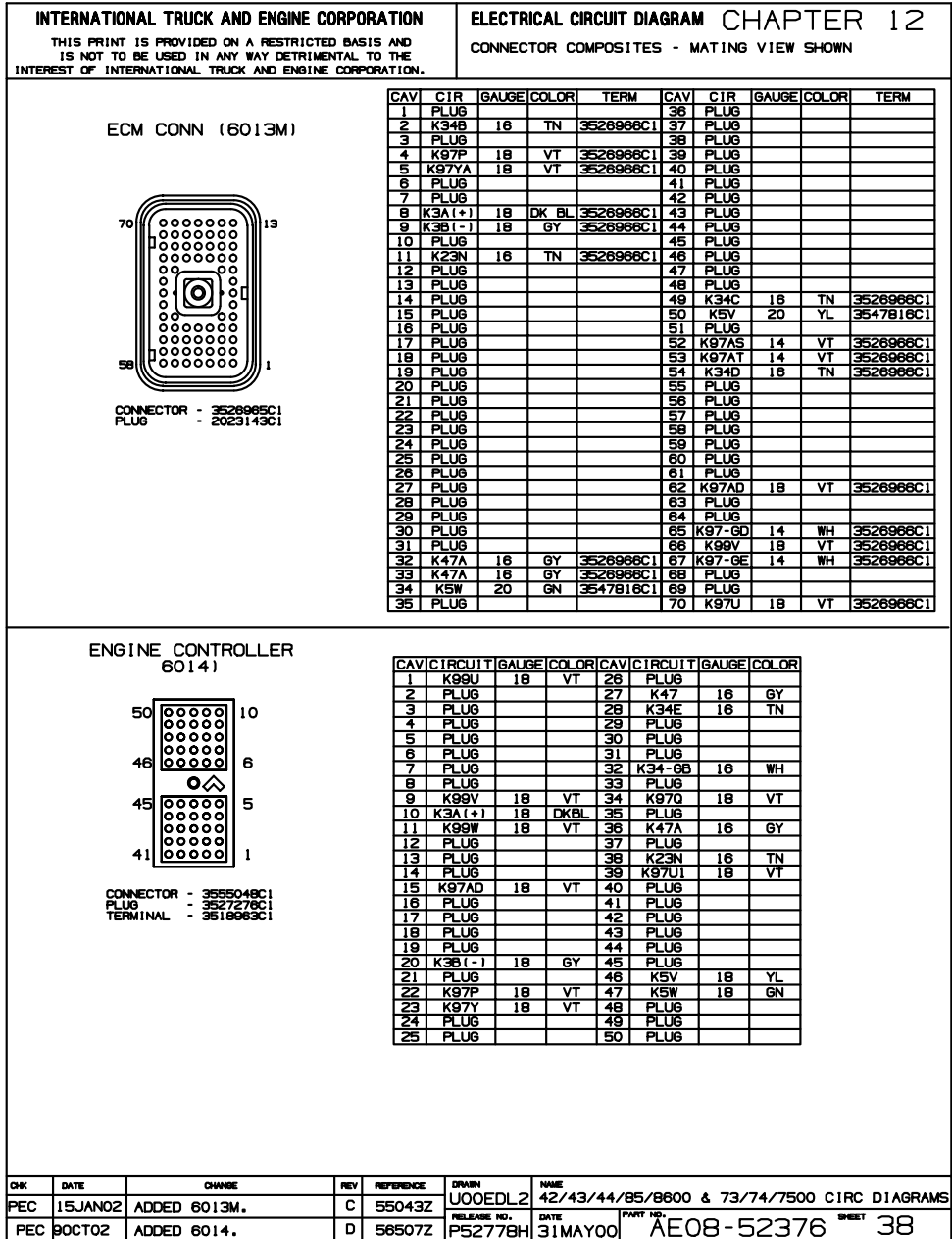


Figure 153 Connector Composites (6013M), (6014)

12.39. CONNECTOR COMPOSITES (6015), (6020), (6021), P. 39

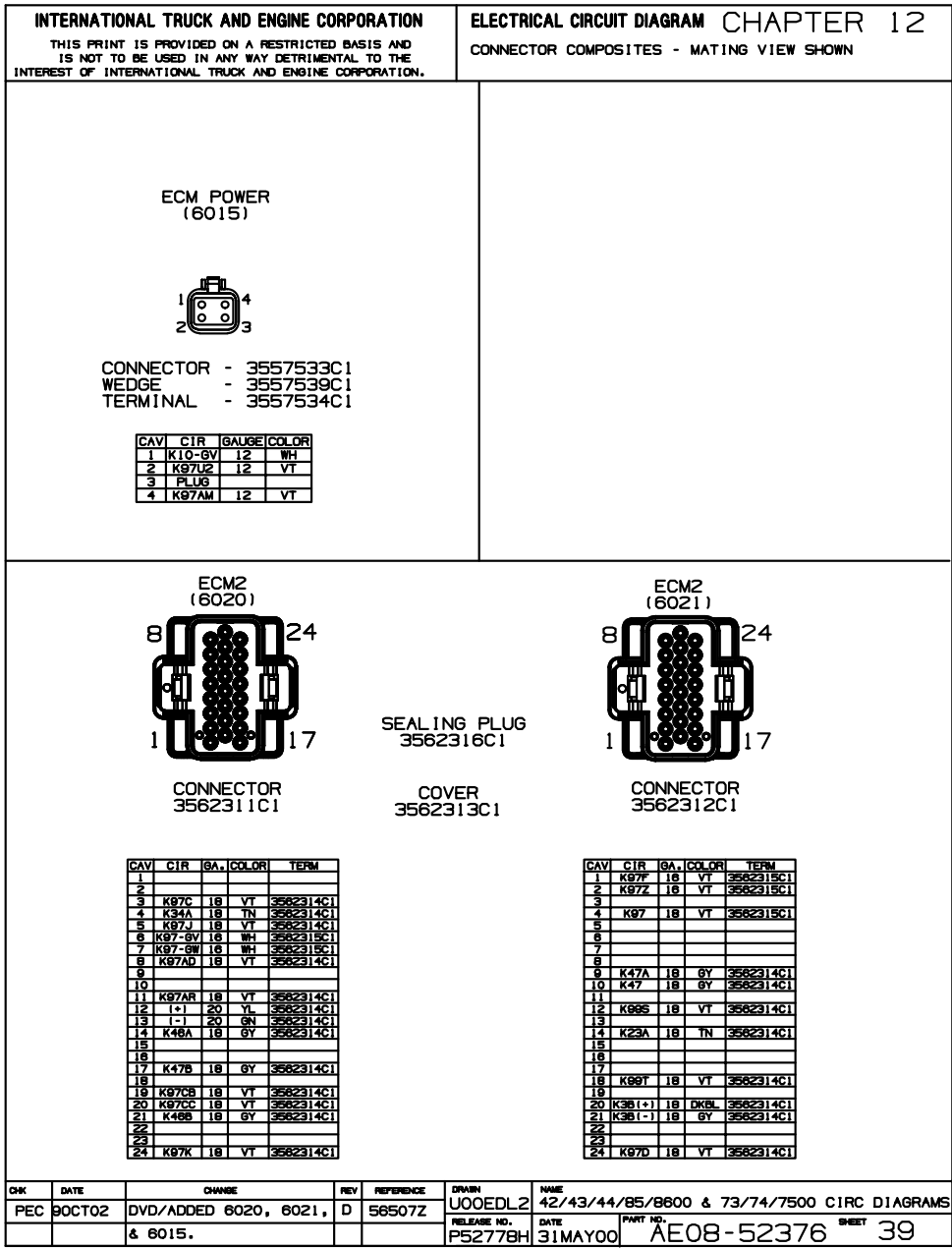


Figure 154 Connector Composites (6015), (6020), (6021)

12.40. CONNECTOR COMPOSITES (6200), (6316), (6323), (6332), (6333), (6334), (6400), (6401), (6406), (6407), (6407D), (6409), (6500), P. 40

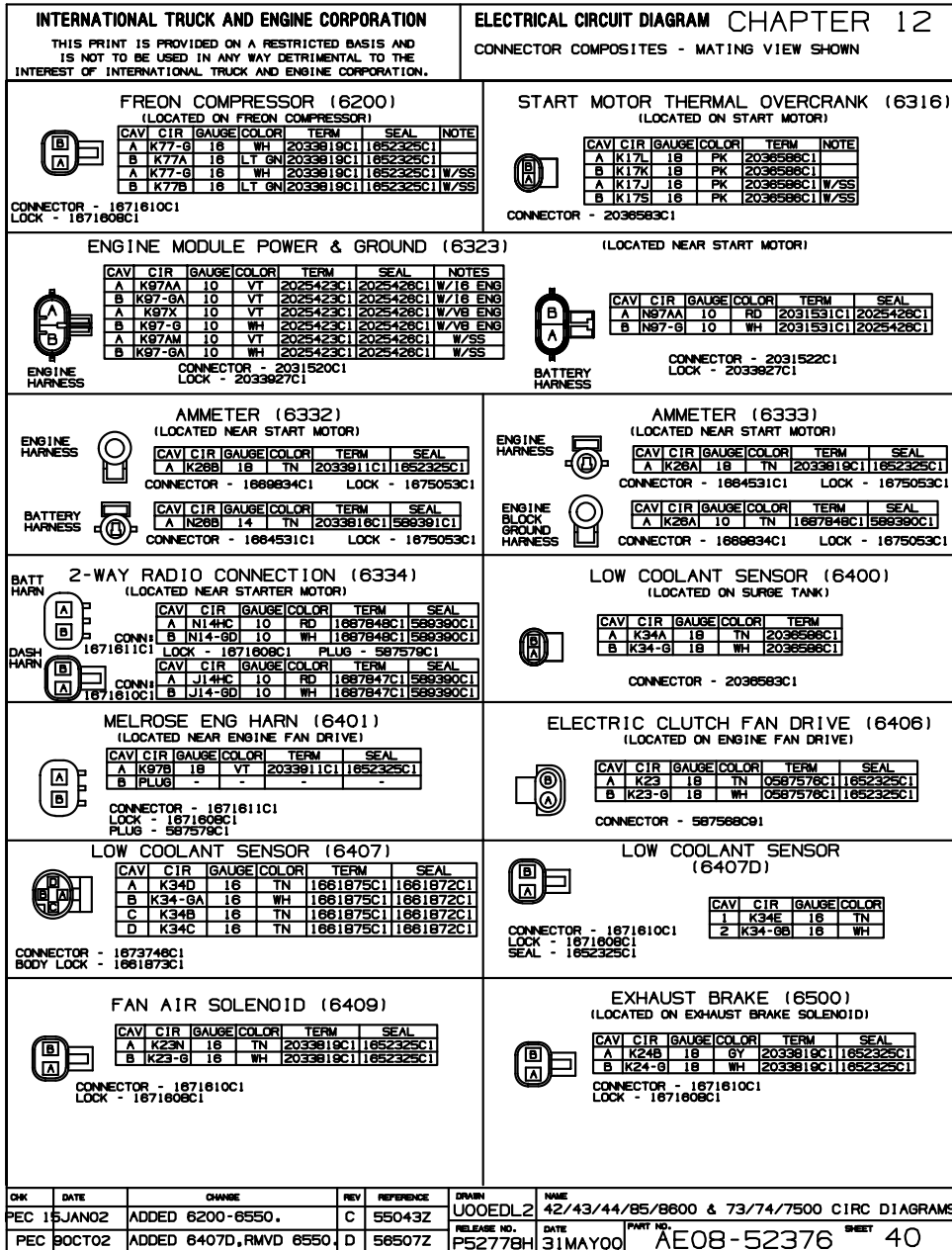


Figure 155 Connector Composites (6200), (6316), (6323), (6332), (6333), (6334), (6400), (6401), (6406), (6407), (6407D), (6409), (6500)

12.41. CONNECTOR COMPOSITES (6550), (6703), (6704), (7103), (7104), (7104A), P. 41

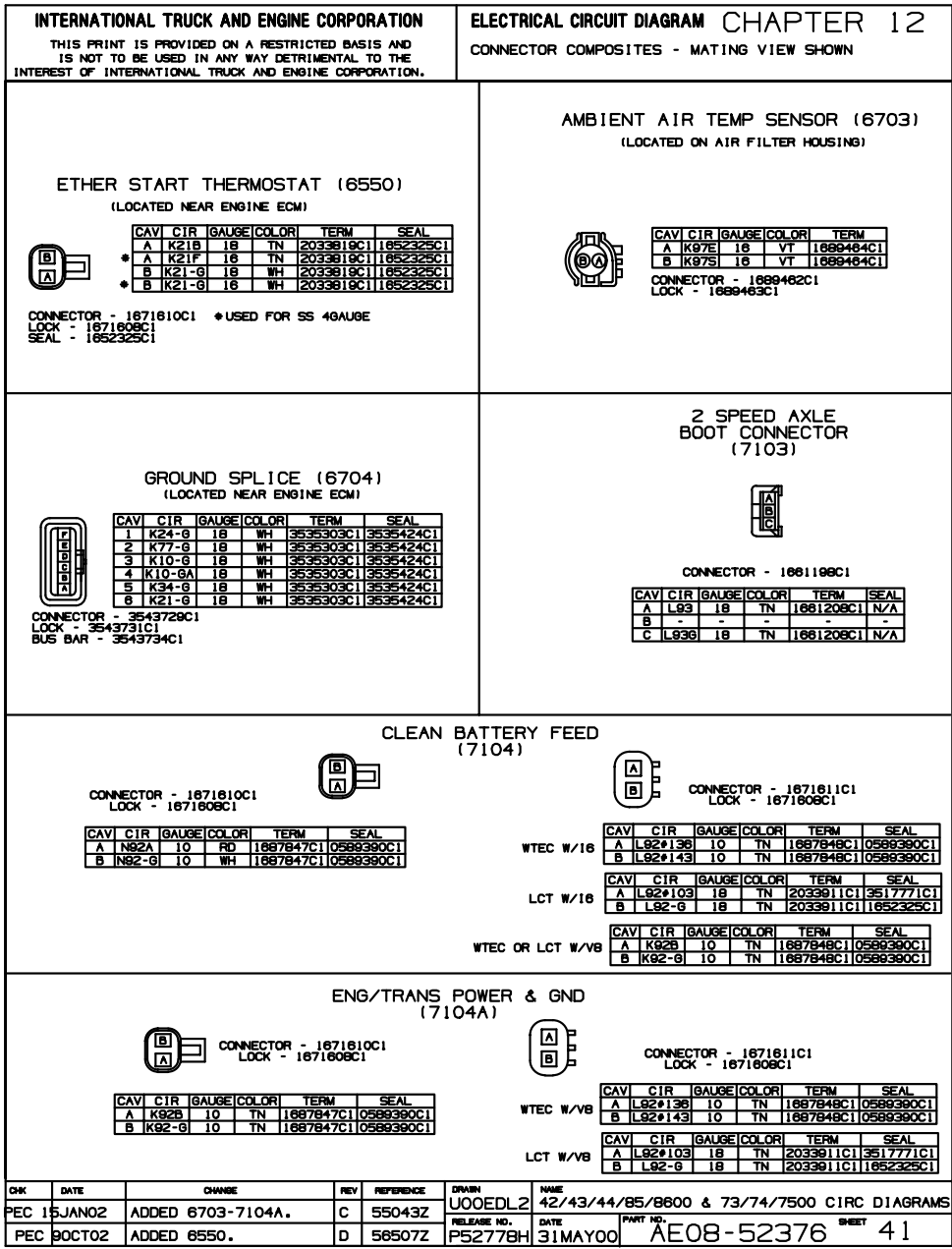


Figure 156 Connector Composites (6550), (6703), (6704), (7103), (7104), (7104A)

12.42. CONNECTOR COMPOSITES (7200), (7202), (7203), P. 42

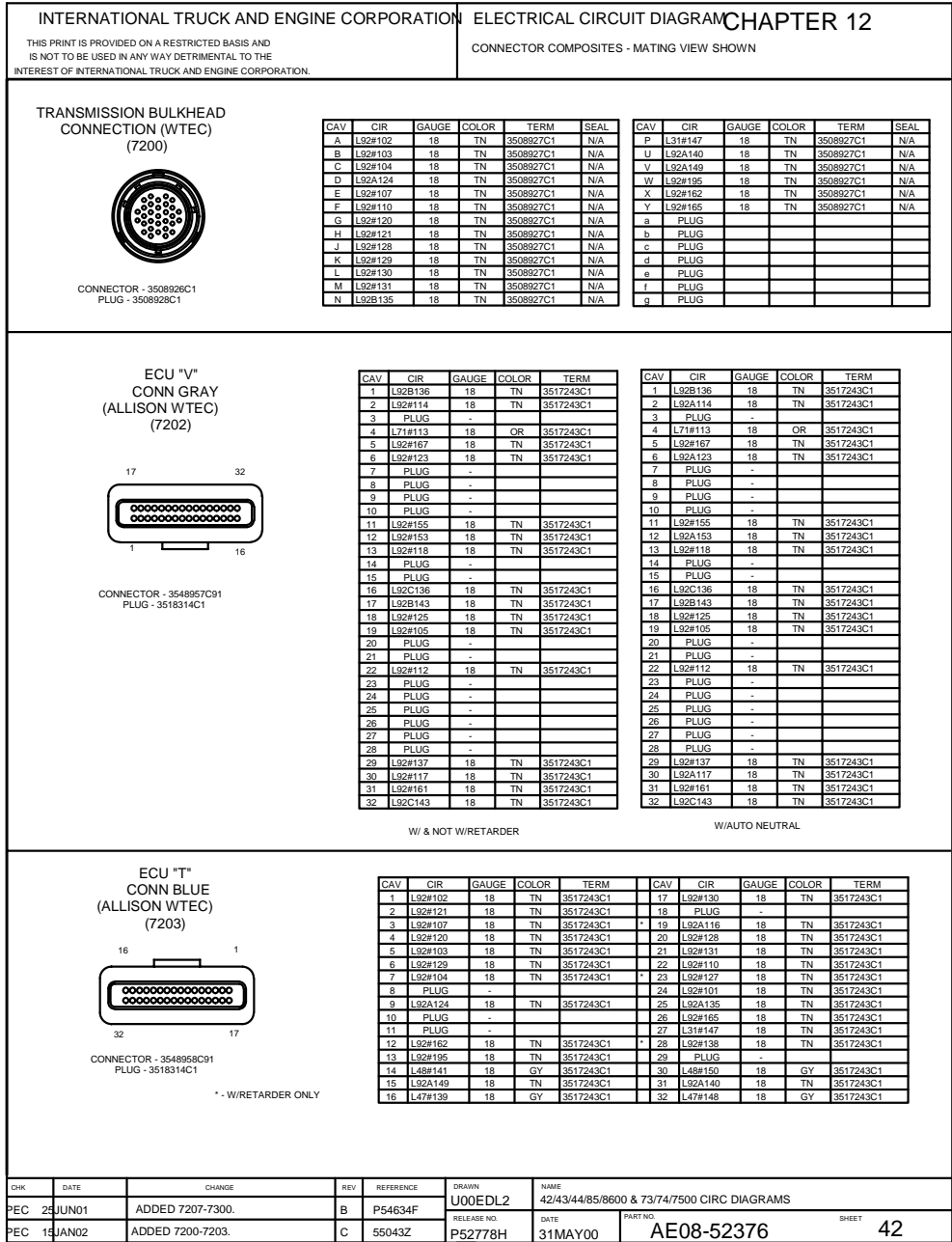


Figure 157 Connector Composites Connector Composites (7200), (7202), (7203)

12.43. CONNECTOR COMPOSITES (7204), (7205), (7206), P. 43

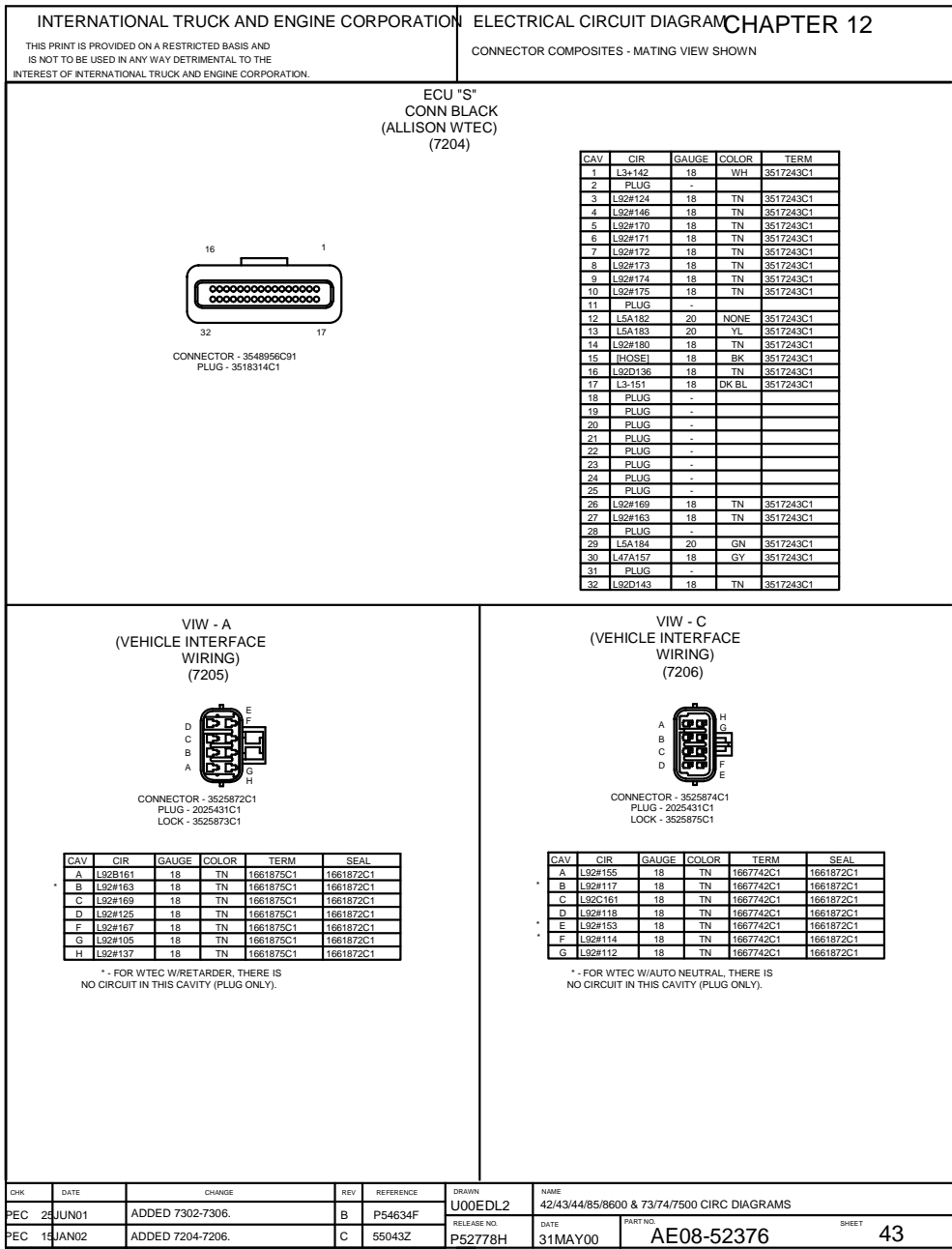


Figure 158 Connector Composites (7204), (7205), (7206)

12.44. CONNECTOR COMPOSITES (7211), (7212), (7213), (7300), (7301), P. 44





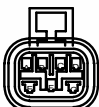
| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | ELECTRICAL CIRCUIT DIAGRAMS | | CHAPTER 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 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. | | CONNECTOR COMPOSITES - MATING VIEW SHOWN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>RETARDER TEMP SENDER (7211)</p>  <p>CONNECTOR - 3524377C1 PLUG - 1687788C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GUAGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A</td><td>1.92#138</td><td>18</td><td>TN</td><td>2036586C1</td></tr> <tr><td>B</td><td>1.92C135</td><td>18</td><td>TN</td><td>2036586C1</td></tr> </tbody> </table> | | CAV | CIR | GUAGE | COLOR | TERM | A | 1.92#138 | 18 | TN | 2036586C1 | B | 1.92C135 | 18 | TN | 2036586C1 | <p>RETARDER ACCUMULATOR SOLENOID (7212)</p>  <p>CONNECTOR - 3524378C1 PLUG - 1687788C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GUAGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A</td><td>1.92#101</td><td>18</td><td>TN</td><td>2036586C1</td></tr> <tr><td>B</td><td>1.92N116</td><td>18</td><td>TN</td><td>2036586C1</td></tr> </tbody> </table> | | | | CAV | CIR | GUAGE | COLOR | TERM | A | 1.92#101 | 18 | TN | 2036586C1 | B | 1.92N116 | 18 | TN | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| B | 1.92N116 | 18 | TN | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>RETARDER SOLENOID (7213)</p>  <p>CONNECTOR - 2036584C1 PLUG - 1687788C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GUAGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A</td><td>1.92#127</td><td>18</td><td>TN</td><td>2036586C1</td></tr> <tr><td>B</td><td>1.92C116</td><td>18</td><td>TN</td><td>2036586C1</td></tr> </tbody> </table> | | CAV | CIR | GUAGE | COLOR | TERM | A | 1.92#127 | 18 | TN | 2036586C1 | B | 1.92C116 | 18 | TN | 2036586C1 | <p>TRANSMISSION BULKHEAD (LCT) (7300)</p>  <p>CONNECTOR - 3522537C91 PLUG - 3518314C1 LOCK - 3518287C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GUAGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A</td><td>1.92#226</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>B</td><td>1.92#227</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>C</td><td>1.92#231</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>D</td><td>1.92#201</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>E</td><td>1.92#203</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>F</td><td>1.92#202</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>G</td><td>1.31#240</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>H</td><td>1.92A220</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>I</td><td>1.92#229</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>K</td><td>1.92#204</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>L</td><td>1.92#222</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>M</td><td>1.92#223</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>N</td><td>1.92#224</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>P</td><td>1.92#225</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>R</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>S</td><td>1.92#232</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>T</td><td>1.92#221</td><td>18</td><td>TN</td><td>3517243C1</td></tr> <tr><td>U</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>V</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>W</td><td>1.92#228</td><td>18</td><td>TN</td><td>3517243C1</td></tr> </tbody> </table> | | | | CAV | CIR | GUAGE | COLOR | TERM | A | 1.92#226 | 18 | TN | 3517243C1 | B | 1.92#227 | 18 | TN | 3517243C1 | C | 1.92#231 | 18 | TN | 3517243C1 | D | 1.92#201 | 18 | TN | 3517243C1 | E | 1.92#203 | 18 | TN | 3517243C1 | F | 1.92#202 | 18 | TN | 3517243C1 | G | 1.31#240 | 18 | TN | 3517243C1 | H | 1.92A220 | 18 | TN | 3517243C1 | I | 1.92#229 | 18 | TN | 3517243C1 | K | 1.92#204 | 18 | TN | 3517243C1 | L | 1.92#222 | 18 | TN | 3517243C1 | M | 1.92#223 | 18 | TN | 3517243C1 | N | 1.92#224 | 18 | TN | 3517243C1 | P | 1.92#225 | 18 | TN | 3517243C1 | R | PLUG | - | - | - | S | 1.92#232 | 18 | TN | 3517243C1 | T | 1.92#221 | 18 | TN | 3517243C1 | U | PLUG | - | - | - | V | PLUG | - | - | - | W | 1.92#228 | 18 | TN | 3517243C1 |
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| CAV | CIR | GUAGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>NSBU SWITCH VEHICLE (NEUTRAL SAFETY BACK-UP) (7301)</p>  <p>CONNECTOR - 3534635C1 PLUG - 2025431C1 LOCK - 3534634C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GUAGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>1.71</td><td>18</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>1.92B220</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>1.13M3</td><td>18</td><td>PK</td><td>2033819C1</td><td>1662325C1</td></tr> <tr><td>F</td><td>1.71A</td><td>18</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>G</td><td>1.17E</td><td>18</td><td>PK</td><td>2033819C1</td><td>3517771C1</td></tr> </tbody> </table> | | CAV | CIR | GUAGE | COLOR | TERM | SEAL | A | PLUG | - | - | - | - | B | PLUG | - | - | - | - | C | 1.71 | 18 | OR | 1661875C1 | 1661872C1 | D | 1.92B220 | 18 | TN | 1661875C1 | 1661872C1 | E | 1.13M3 | 18 | PK | 2033819C1 | 1662325C1 | F | 1.71A | 18 | OR | 1661875C1 | 1661872C1 | G | 1.17E | 18 | PK | 2033819C1 | 3517771C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GUAGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| B | PLUG | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | 1.71 | 18 | OR | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | 1.92B220 | 18 | TN | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | 1.13M3 | 18 | PK | 2033819C1 | 1662325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | 1.71A | 18 | OR | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | 1.17E | 18 | PK | 2033819C1 | 3517771C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 15JAN02 | ADDED 7207-7300. | C | 55043Z | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | RMVD 7207 & 7208 | D | 56507K | P52778H | 31MAY00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | PART NO. AF08-52376 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | SHEET 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 159 Connector Composites (7211), (7212), (7213), (7300), (7301)

12.45. CONNECTOR COMPOSITES (7302), (7304), (7305), (7306), (7500), (7502), (7600), (7601), P. 45

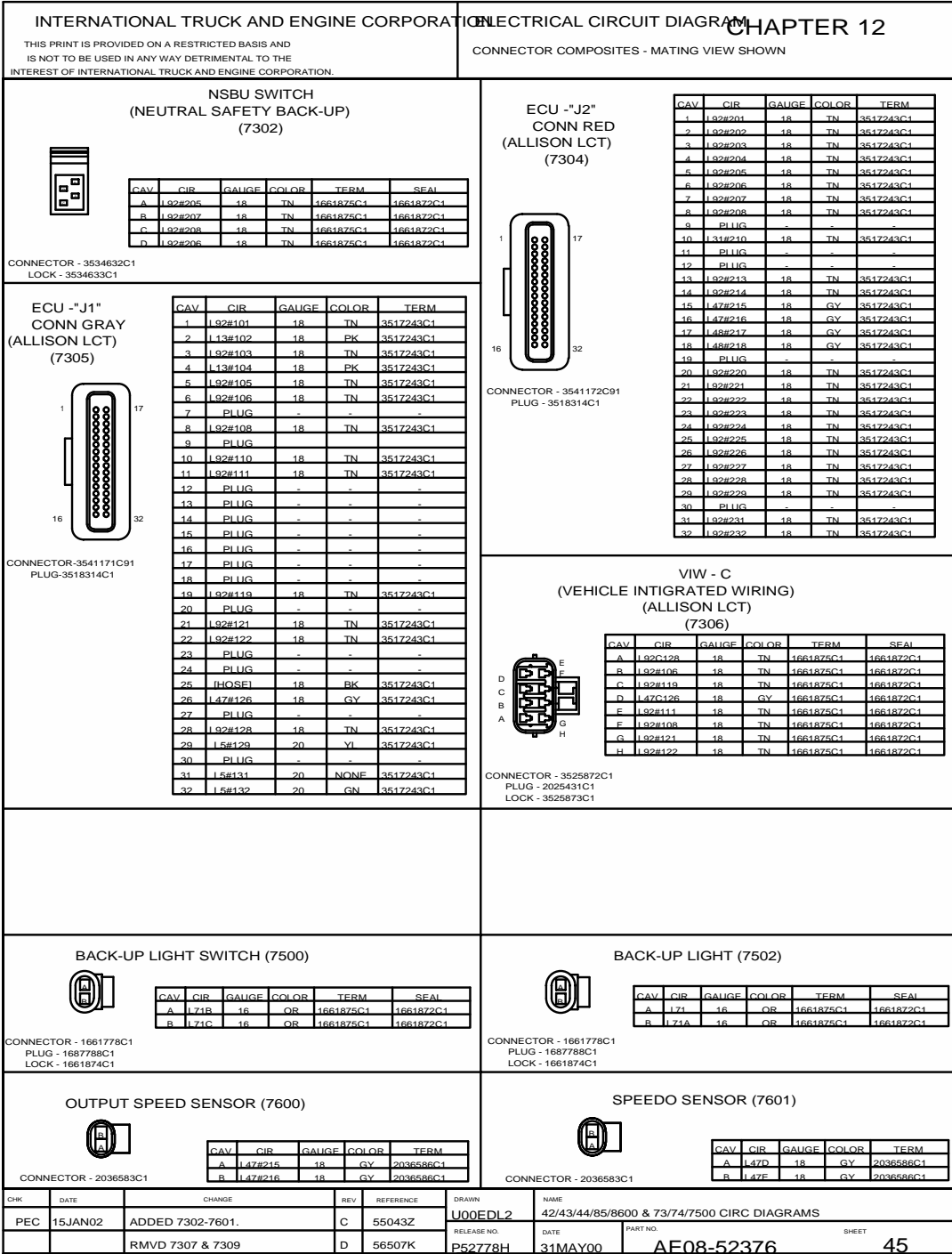


Figure 160 Connector Composites (7302), (7304), (7305), (7306), (7500), (7502), (7600), (7601)

12.46. CONNECTOR COMPOSITES (7603), (7604), (7605), (7606), (7607), (7608), (7609), (7610), (7611), (7700), P. 46











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|--|----------|------------------|-------|--|-----------|---|------------|------|-------|---------|----|----|-----------|---|---------|----|----|-----------|---|--|--|--|-----|-----|-------|-------|------|------|---------|------|----|-----------|-----------|-----------|----|--------|-----------|----|-----------|-----------|---|-------|----|----|-----------|-----------|
| 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. | | | | CONNECTOR COMPOSITES - MATING VIEW SHOWN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ENGINE SPEED SENSOR (7603)</p>  <p>CONNECTOR - 2036583C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L48#141</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L48#150</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L48#141 | 18 | GY | 2036586C1 | B | L48#150 | 18 | GY | 2036586C1 | <p>ENGINE SPEED SENSOR (7604)</p>  <p>CONNECTOR - 2036583C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L48#217</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L48#218</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L48#217 | 18 | GY | 2036586C1 | B | L48#218 | 18 | GY | 2036586C1 | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | L48#141 | 18 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | L48#150 | 18 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | L48#217 | 18 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | L48#218 | 18 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>OUTPUT SPEED SENSOR (7605)</p>  <p>CONNECTOR - 2036583C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L47#139</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L47#148</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L47#139 | 18 | GY | 2036586C1 | B | L47#148 | 18 | GY | 2036586C1 | <p>TRANSMISSION SPEEDO CONNECTION (7606)</p>  <p>CONNECTOR - 2036583C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L47P</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L47N</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L47P | 16 | GY | 2036586C1 | B | L47N | 16 | GY | 2036586C1 | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | L47#139 | 18 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | L47#148 | 18 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | L47P | 16 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | L47N | 16 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>TRANSMISSION SPEEDO CONNECTION (7607)</p>  <p>CONNECTOR - 2036583C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L92#213</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L92#214</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L92#213 | 18 | TN | 2036586C1 | B | L92#214 | 18 | TN | 2036586C1 | <p>TRANSFER CASE SPEEDO CONNECTION (7608)</p>  <p>CONNECTOR - 2036583C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L47N</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L47P</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L47N | 16 | GY | 2036586C1 | B | L47P | 16 | GY | 2036586C1 | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | L92#213 | 18 | TN | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | L92#214 | 18 | TN | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | L47N | 16 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | L47P | 16 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>SPEED SENSOR (7609)</p>  <p>CONNECTOR - 2036583C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L47</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L47A</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L47 | 18 | GY | 2036586C1 | B | L47A | 18 | GY | 2036586C1 | <p>TRANSFER CASE TO TRANSMISSION (7610)</p> <p>(USED ONLY WHEN TRANSFER CASE AND ALLISON WTEC ARE PRESENT)</p>  <p>MATING CONNECTOR IS FEMALE SIDE OF CONNECTOR 7600.</p> <p>CONNECTOR - 1667740C1 PLUG - 2025431C1 LOCK - 1667771C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>L92DJ</td> <td>16</td> <td>TN</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | PLUG | - | - | - | - | B | PLUG | - | - | - | - | C | L92DJ | 16 | TN | 1667742C1 | 1661872C1 |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | L47 | 18 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | L47A | 18 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | PLUG | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | PLUG | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | L92DJ | 16 | TN | 1667742C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>TRANSFER CASE SPEEDO CONNECTION (7611)</p>  <p>CONNECTOR - 2036583C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>L47L</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>L47M</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L47L | 16 | GY | 2036586C1 | B | L47M | 16 | GY | 2036586C1 | <p>TRANSMISSION OIL TEMP SENSOR (7700)</p>  <p>CONNECTOR - 3536864C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>L31B</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> <tr> <td>2</td> <td>L31GC1</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | 1 | L31B | 18 | TN | 3536865C1 | 3536866C1 | 2 | L31GC1 | 18 | TN | 3536865C1 | 3536866C1 | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | L47L | 16 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | L47M | 16 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | L31B | 18 | TN | 3536865C1 | 3536866C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | L31GC1 | 18 | TN | 3536865C1 | 3536866C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | PART NO. | | SHEET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 28 JAN01 | ADDED 7800-7803. | B | P54634F | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | AE08-52376 | | 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 15 JAN02 | ADDED 7603-7700. | C | 55043Z | P52778H | 31MAY00 | AE08-52376 | | 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 161 Connector Composites (7603), (7604), (7605), (7606), (7607), (7608), (7609), (7610), (7611), (7700)

12.47. CONNECTOR COMPOSITES (7800), (7803), (7900), (7901), P. 47

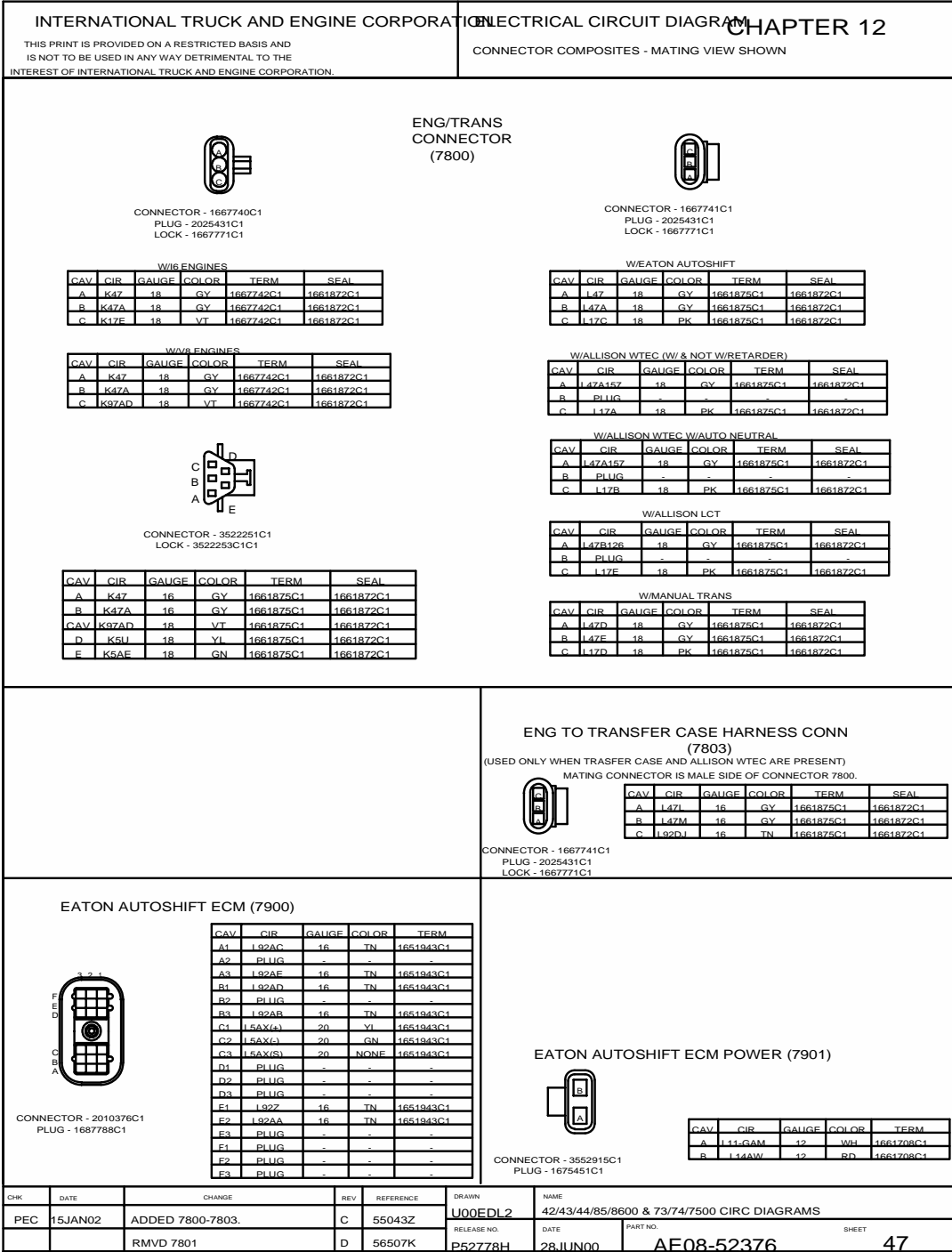


Figure 162 Connector Composites (7800), (7803), (7900), (7901)

12.48. CONNECTOR COMPOSITES (7905), (7906), (8000), (8001), (8102), (8150), (8151), (8200), P. 48

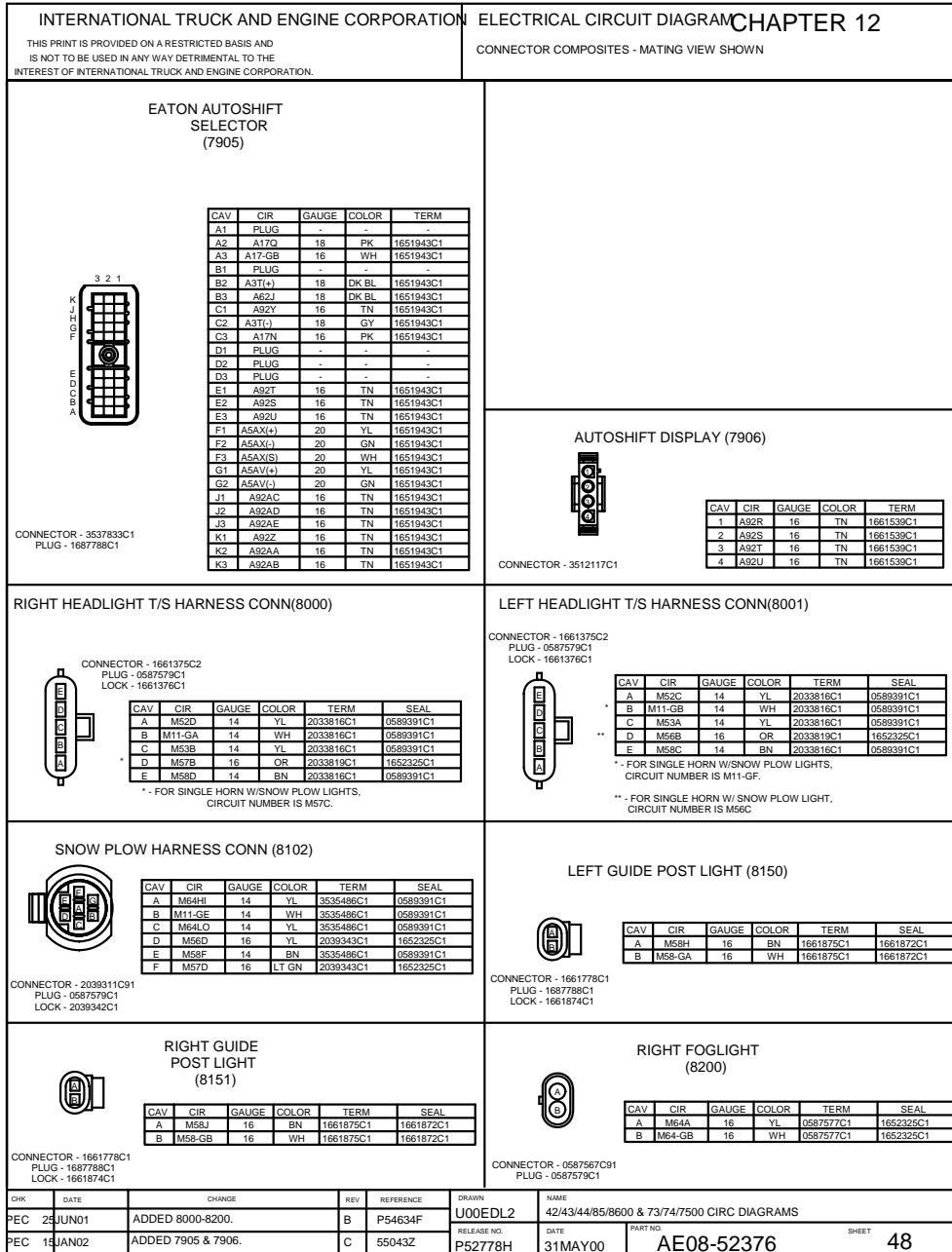


Figure 163 Connector Composites (7905), (7906), (8000), (8001), (8102), (8150), (8151), (8200)

12.49. CONNECTOR COMPOSITES (8201), (8301), (8310), (8311), (8312), (8400), (8500), (8501), (8502), (8502A), P. 49











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|---|---------|---------------------|-------|--|-----------|---|------------|---------|------------|-------|------|----|------|-----------|-----------|----|--------|------|--|-----------|-----------|---|------|-----|-------|-----------|-----------|---|-------|------|------|-----------|------|-------|-------|-----------|-----------|---|--------|----|----|-----------|-----------|-----|------|-------|-------|-----------|-----------|---|------|----|----|-----------|-----------|---|--------|----|----|-----------|-----------|
| 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. | | | | CONNECTOR COMPOSITES - MATING VIEW SHOWN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>LEFT FOGLIGHT (8201)</p>  <p>CONNECTOR - 0587567C91 PLUG - 0587579C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</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-GA</td> <td>16</td> <td>WH</td> <td>0587577C1</td> <td>1652325C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | M64B | 16 | YL | 0587577C1 | 1652325C1 | B | M64-GA | 16 | WH | 0587577C1 | 1652325C1 | <p>ELECTRIC HORN (8301)</p>  <p>CONNECTOR - 1661778C1 PLUG - 1667788C1 LOCK - 1661874C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</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 | CIR | GAUGE | COLOR | TERM | SEAL | A | M85E | 16 | GY | 1661875C1 | 1661872C1 | B | M85-GA | 16 | WH | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M64B | 16 | YL | 0587577C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | M64-GA | 16 | WH | 0587577C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M85E | 16 | GY | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | M85-GA | 16 | WH | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>DUAL ELECTRIC HORNS (8310)</p>  <p>CONNECTOR - 3543888C1 PLUG - 2025431C1 LOCK - 1661874C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M85J</td> <td>16</td> <td>GY</td> <td>1667742C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GC</td> <td>16</td> <td>WH</td> <td>1667742C1</td> <td>1661872C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | M85J | 16 | GY | 1667742C1 | 1661872C1 | B | M85-GC | 16 | WH | 1667742C1 | 1661872C1 | <p>ELECTRIC HORN #1 (8311)</p>  <p>CONNECTOR - 1661778C1 PLUG - 1667788C1 LOCK - 1661874C1</p> <p>W/SINGLE HORN</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M85J</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GC</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> <p>W/DUAL HORNS</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M85K</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GD</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | M85J | 16 | GY | 1661875C1 | 1661872C1 | B | M85-GC | 16 | WH | 1661875C1 | 1661872C1 | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | M85K | 16 | GY | 1661875C1 | 1661872C1 | B | M85-GD | 16 | WH | 1661875C1 | 1661872C1 |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M85J | 16 | GY | 1667742C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | M85-GC | 16 | WH | 1667742C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M85J | 16 | GY | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | M85-GC | 16 | WH | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M85K | 16 | GY | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | M85-GD | 16 | WH | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ELECTRIC HORN #2 (8312)</p>  <p>CONNECTOR - 1661778C1 PLUG - 1667788C1 LOCK - 1661874C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M85L</td> <td>16</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M85-GE</td> <td>16</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | M85L | 16 | GY | 1661875C1 | 1661872C1 | B | M85-GE | 16 | WH | 1661875C1 | 1661872C1 | <p>ETHER START (8400)</p>  <p>CONNECTOR - 0587568C91 PLUG - 0587579C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M21D</td> <td>18</td> <td>TN</td> <td>0587576C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M21C</td> <td>18</td> <td>TN</td> <td>0587576C1</td> <td>1652325C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | M21D | 18 | TN | 0587576C1 | 1652325C1 | B | M21C | 18 | TN | 0587576C1 | 1652325C1 | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M85L | 16 | GY | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | M85-GE | 16 | WH | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M21D | 18 | TN | 0587576C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | M21C | 18 | TN | 0587576C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>BENDIX LEFT ABS MODULATOR (8500)</p>  <p>CONNECTOR - 1686834C1 PLUG - 0587579C1 LOCK - 1664408C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M94</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M94A</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>M94B</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | M94 | 18 | GY | 2033819C1 | 1652325C1 | B | M94A | 18 | GY | 2033819C1 | 1652325C1 | C | M94B | 18 | GY | 2033819C1 | 1652325C1 | <p>BENDIX RIGHT ABS MODULATOR (8501)</p>  <p>CONNECTOR - 1686834C1 PLUG - 0587579C1 LOCK - 1664408C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M94H</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>M94J</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>C</td> <td>M94K</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | M94H | 18 | GY | 2033819C1 | 1652325C1 | B | M94J | 18 | GY | 2033819C1 | 1652325C1 | C | M94K | 18 | GY | 2033819C1 | 1652325C1 | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M94 | 18 | GY | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | M94A | 18 | GY | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | M94B | 18 | GY | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M94H | 18 | GY | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | M94J | 18 | GY | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | M94K | 18 | GY | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>LEFT HYD ABS WHEEL SENSOR (8502)</p>  <p>PURCHASED ASSEMBLY P/N 3519878C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94L</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94M</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | 1 | M94L | 18 | BK | ASSY | 2 | M94M | 18 | BN | ASSY | <p>BENDIX LEFT AIR ABS WHEEL SENSOR (8502A)</p>  <p>CONNECTOR - 1684261C1 PLUG - 0453133C1 LOCK - 1684263C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94C</td> <td>18</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>M94D</td> <td>18</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | 1 | M94C | 18 | GY | 1680205C1 | 2 | M94D | 18 | GY | 1680205C1 | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | M94L | 18 | BK | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | M94M | 18 | BN | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2 | M94D | 18 | GY | 1680205C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | RELEASE NO | DATE | PART NO | SHEET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 13JAN01 | PRODUCTION RELEASE. | A | P54304U | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 25JUN01 | ADDED 8201-8502A. | B | P54634F | P52778H | | | 31MAY00 | AE08-52376 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 164 Connector Composites (8201), (8301), (8310), (8311), (8312), (8400), (8500), (8501), (8502), (8502A)

12.50. CONNECTOR COMPOSITES (8503), (8503A), (8505), (8506), (8507), (8508), (8509), (8600), (8601), (8602), P. 50






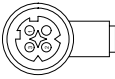
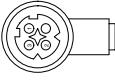



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|--|---------|---------------------|-------|--|-----------|---|------------|-------|------|-------|-----|----|-----------|-----------|-----------|----|------|-----------|---|-----------|-----------|--|-----------|---|-------|-------|------|-------|-------|-------|-------|-----------|------|-------|-----------|----|-----------|-----------|-----------|-----------|----|------|----|-------|-----------|
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| <p>RIGHT HYD ABS WHEEL SENSOR (8503)</p>  <p>PURCHASED ASSEMBLY P/N 3519878C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94N</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94F</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | 1 | M94N | 18 | BK | ASSY | 2 | M94F | 18 | BN | ASSY | <p>BENDIX RIGHT AIR ABS WHEEL SENSOR (8503A)</p>  <p>CONNECTOR - 1684261C1 PLUG - 0453133C1 LOCK - 1684263C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94E</td> <td>18</td> <td>GY</td> <td>1680205C1</td> </tr> <tr> <td>2</td> <td>M94F</td> <td>18</td> <td>GY</td> <td>1680205C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | 1 | M94E | 18 | GY | 1680205C1 | 2 | M94F | 18 | GY | 1680205C1 | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | M94N | 18 | BK | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | M94F | 18 | BN | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | M94E | 18 | GY | 1680205C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | M94F | 18 | GY | 1680205C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>AIR COMPRESSOR FOR HYD BRAKES (8505)</p>  <p>CONNECTOR - 1678137C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M9</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>M6</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>M40</td> <td>18</td> <td>GY</td> <td>1651943C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | M9 | 18 | GY | 1651943C1 | B | M6 | 18 | GY | 1651943C1 | C | M40 | 18 | GY | 1651943C1 | <p>WABCO LEFT FRONT AIR ABS WHEEL SPEED SENSOR (8506)</p>  <p>PURCHASED ASSEMBLY P/N 3519878C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94AC</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94AD</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | 1 | M94AC | 18 | BN | ASSY | 2 | M94AD | 18 | BK | ASSY | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M9 | 18 | GY | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | M6 | 18 | GY | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | M40 | 18 | GY | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | M94AC | 18 | BN | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | M94AD | 18 | BK | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>WABCO RIGHT FRONT AIR ABS WHEEL SPEED SENSOR (8507)</p>  <p>PURCHASED ASSEMBLY P/N 3519666C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94AE</td> <td>18</td> <td>BN</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94AF</td> <td>18</td> <td>BK</td> <td>ASSY</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | 1 | M94AE | 18 | BN | ASSY | 2 | M94AF | 18 | BK | ASSY | <p>WABCO LEFT FRONT AIR ABS MODULATOR (8508)</p>  <p>PURCHASED ASSEMBLY P/N 3554539C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94AL</td> <td>14</td> <td>BL</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94AA</td> <td>14</td> <td>GN</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>M94AB</td> <td>14</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | 1 | M94AL | 14 | BL | ASSY | 2 | M94AA | 14 | GN | ASSY | 3 | M94AB | 14 | BN | ASSY | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | M94AE | 18 | BN | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | M94AF | 18 | BK | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | M94AL | 14 | BL | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | M94AA | 14 | GN | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | M94AB | 14 | BN | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>WABCO RIGHT FRONT AIR ABS MODULATOR (8509)</p>  <p>PURCHASED ASSEMBLY P/N 3554539C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>M94AH</td> <td>14</td> <td>BL</td> <td>ASSY</td> </tr> <tr> <td>2</td> <td>M94AJ</td> <td>14</td> <td>GN</td> <td>ASSY</td> </tr> <tr> <td>3</td> <td>M94AK</td> <td>14</td> <td>BN</td> <td>ASSY</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | 1 | M94AH | 14 | BL | ASSY | 2 | M94AJ | 14 | GN | ASSY | 3 | M94AK | 14 | BN | ASSY | <p>RADIATOR GROUND (8600)</p>  <p>CONNECTOR - 0587566C91 PLUG - 0587579C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M11-GC</td> <td>12</td> <td>WH</td> <td>1673747C1</td> <td>0589390C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | M11-GC | 12 | WH | 1673747C1 | 0589390C1 | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | M94AH | 14 | BL | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | M94AJ | 14 | GN | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | M94AK | 14 | BN | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M11-GC | 12 | WH | 1673747C1 | 0589390C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>TEMP SENDER (8601)</p>  <p>CONNECTOR - 3522068C1 PLUG - 1687788C1 LOCK - 1681874C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M41</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>M41A</td> <td>18</td> <td>GY</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | M41 | 18 | GY | 1661875C1 | 1661872C1 | B | M41A | 18 | GY | 1661875C1 | 1661872C1 | <p>A/C TRANSDUCER (8602)</p>  <p>CONNECTOR - 1678137C1</p> <table border="1"> <thead> <tr> <th>CAV</th> <th>CIR</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>M9</td> <td>20</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>B</td> <td>M6</td> <td>20</td> <td>GY</td> <td>1651943C1</td> </tr> <tr> <td>C</td> <td>M77</td> <td>20</td> <td>LT.GN</td> <td>1651943C1</td> </tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | M9 | 20 | GY | 1651943C1 | B | M6 | 20 | GY | 1651943C1 | C | M77 | 20 | LT.GN | 1651943C1 |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M41 | 18 | GY | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | M41A | 18 | GY | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | M9 | 20 | GY | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | M6 | 20 | GY | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | M77 | 20 | LT.GN | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 19JAN01 | PRODUCTION RELEASE. | A | P54304U | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 25JUN01 | ADDED 8503-8602. | B | P54634F | P52778H | 31MAY00 | PART NO. | SHEET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | AE08-52376 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 165 Connector Composites (8503), (8503A), (8505), (8506), (8507), (8508), (8509), (8600), (8601), (8602)

12.51. CONNECTOR COMPOSITES (8700), (8701), (8800), (8801), (8802), (8803), P. 51

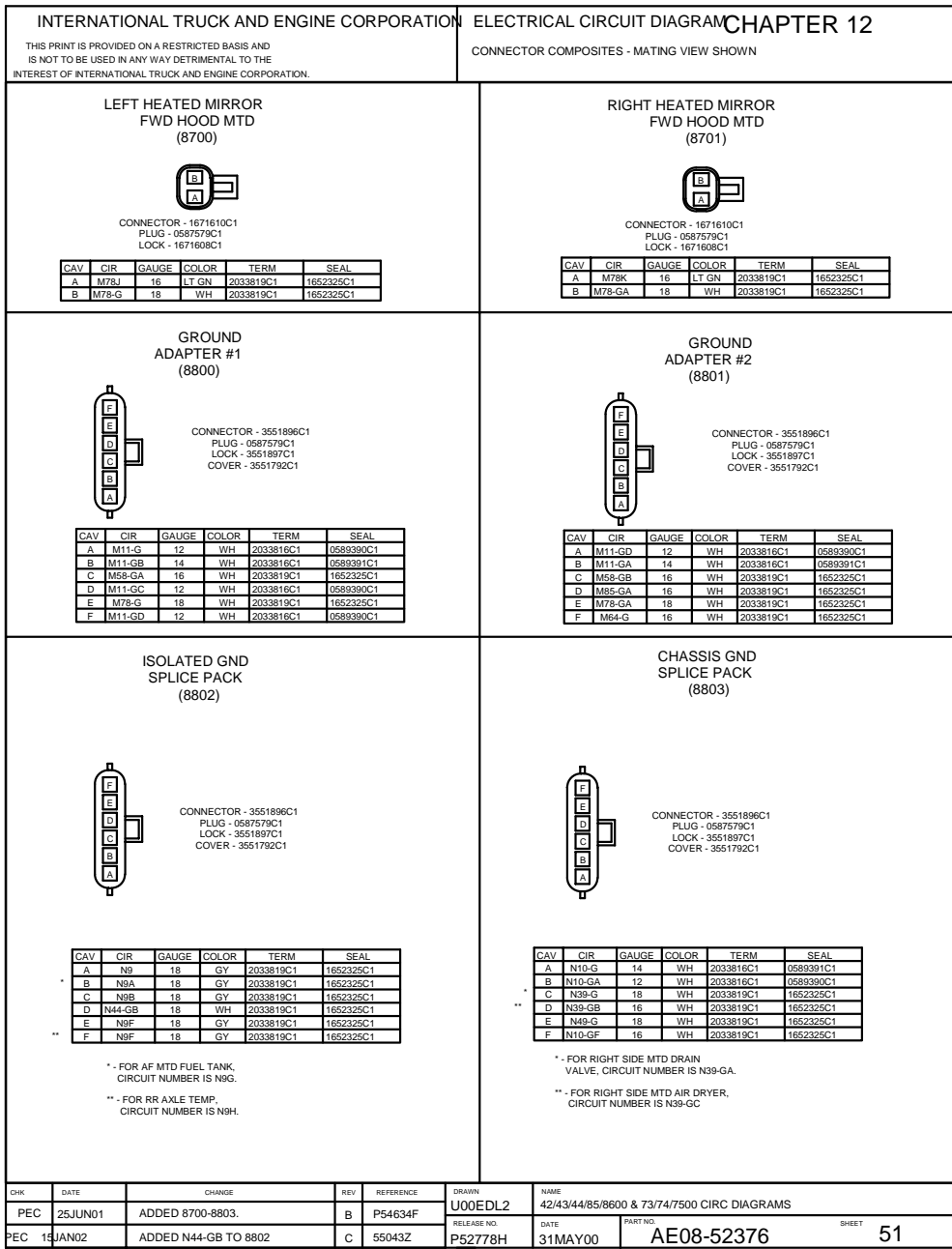


Figure 166 Connector Composites (8700), (8701), (8800), (8801), (8802), (8803)

12.52. CONNECTOR COMPOSITES (9001), (9002), (9100), (9101), (9102), (9254), (9255), P. 52

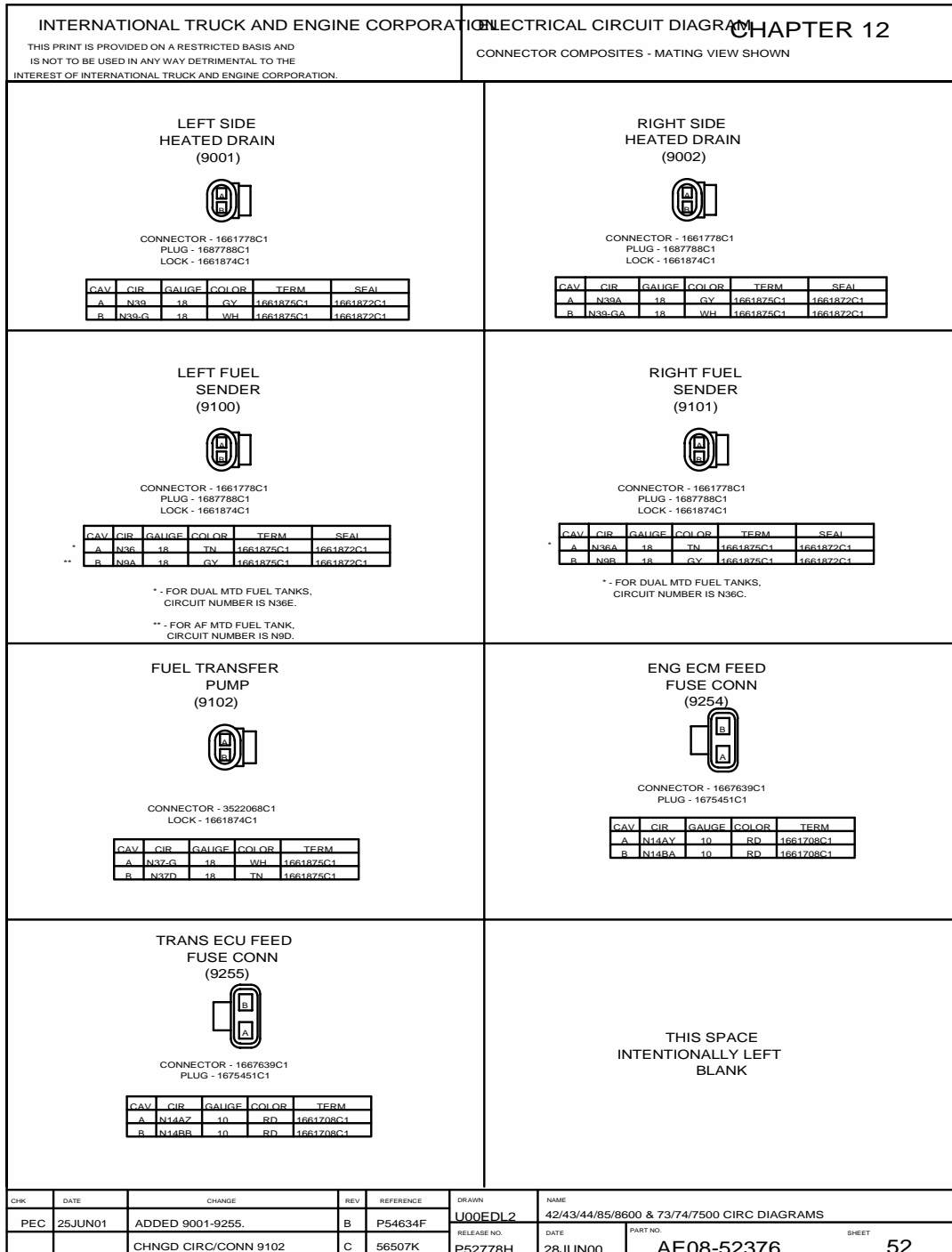


Figure 167 Connector Composites (9001), (9002), (9100), (9101), (9102), (9254), (9255)

12.53. CONNECTOR COMPOSITES (9260), (9261), (9262), (9263), (9264), (9265), (9303A), P. 53

| | | | | | | | | | |
|--|---------|---|--|-----------|-----------|---|------------|------------|-------|
| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 | | | | | | |
| 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. | | | CONNECTOR COMPOSITES - MATING VIEW SHOWN | | | | | | |
| BATT ECM NEGATIVE CONN (9260) | | | | | | | | | |
| | | CONNECTOR - 2031522C1 PLUG - 2025432C1 LOCK - 2033927C1 | | | | | | | |
| | | CONNECTOR - 2031520C1 PLUG - 2025432C1 LOCK - 2033927C1 | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | |
| A | N97-G | 10 | WH | 2031531C1 | 2025426C1 | | | | |
| B | N92-G | 10 | WH | 2031531C1 | 2025426C1 | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | |
| A | N14-G | 10 | WH | 2025423C1 | 2025426C1 | | | | |
| B | N14-GA | 10 | WH | 2025423C1 | 2025426C1 | | | | |
| BATT ECM POSITIVE CONN (9261) | | | | | | | | | |
| | | CONNECTOR - 2031522C1 PLUG - 2025432C1 LOCK - 2033927C1 | | | | | | | |
| | | CONNECTOR - 2031520C1 PLUG - 2025432C1 LOCK - 2033927C1 | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | |
| A | N14BA | 10 | RD | 2031531C1 | 2025426C1 | | | | |
| B | N14BB | 10 | RD | 2031531C1 | 2025426C1 | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | |
| A | N97AA | 10 | RD | 2025423C1 | 2025426C1 | | | | |
| B | N92A | 10 | RD | 2025423C1 | 2025426C1 | | | | |
| AMMETER (9262) (LOCATED AT BATTERY) | | | | | | | | | |
| | | CONNECTOR - 1664531C1 LOCK - 1675053C1 | | | | | | | |
| | | CONNECTOR - 1669834C1 LOCK - 1675053C1 | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | |
| A | N26B | 14 | TN | 2033816C1 | 589390C1 | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | |
| A | N26B | 10 | TN | 1687848C1 | 589390C1 | | | | |
| 2-WAY RADIO NEGATIVE CONNECTION (9263) (LOCATED IN BATTERY BOX) | | | | | | | | | |
| | | CONNECTOR - 1664531C1 LOCK - 1675053C1 | | | | | | | |
| | | CONNECTOR - 1669834C1 LOCK - 1675053C1 | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | |
| A | N14-GD | 10 | WH | 1687847C1 | 589390C1 | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | |
| A | N14-GD | 10 | WH | 1687848C1 | 589390C1 | | | | |
| 2-WAY RADIO POSITIVE CONNECTION (9264) (LOCATED IN BATTERY BOX) | | | | | | | | | |
| | | CONNECTOR - 1664531C1 LOCK - 1675053C1 | | | | | | | |
| | | CONNECTOR - 1669834C1 LOCK - 1675053C1 | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | |
| A | N14HC | 10 | RD | 1687847C1 | 589390C1 | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | |
| A | N14HC | 10 | RD | 1687848C1 | 589390C1 | | | | |
| 2-WAY RADIO FEED FUSE CONNECTOR (9265) (LOCATED IN BATTERY BOX) | | | | | | | | | |
| | | CONNECTOR - 3512967C1 PLUG - 453133C1 | | | | | | | |
| | | CONNECTOR - 1669834C1 LOCK - 1675053C1 | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | |
| A | N14HB | 10 | RD | 1661708C1 | N/A | | | | |
| B | N14HC | 10 | RD | 1661708C1 | N/A | | | | |
| STOP TAIL AND TURN (9303A) | | | | | | | | | |
| | | CONNECTOR - 1661375C2 PLUG - 0587579C1 LOCK - 1661376C1 | | | | | | | |
| | | CONNECTOR - 1669834C1 LOCK - 1675053C1 | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | |
| A | R71 | 14 | OR | 2033816C1 | 0589391C1 | | | | |
| B | R56 | 14 | OR | 2033816C1 | 0589391C1 | | | | |
| C | R57 | 14 | OR | 2033816C1 | 0589391C1 | | | | |
| D | R68 | 14 | BN | 2033816C1 | 0589391C1 | | | | |
| E | R10-G | 12 | WH | 2033816C1 | 0589390C1 | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | RELEASE NO | PART NO | SHEET |
| PEC | 13JAN01 | PRODUCTION RELEASE. | A | P54304U | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | |
| PEC | 25JUN01 | ADDED 9260-9303A. | B | P54634F | P52778H | | 28JUN00 | AE08-52376 | 53 |

Figure 168 Connector Composites (9260), (9261), (9262), (9263), (9264), (9265), (9303A)

12.54. CONNECTOR COMPOSITES (9404), (9405), (9501), (9502), (9503), (9504), (9505), (9506), P. 54

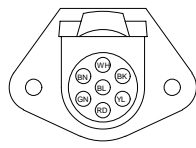
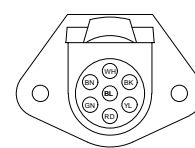






| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 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. | | | | CONNECTOR COMPOSITES - MATING VIEW SHOWN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRAILER SOCKET (9404)  <p>CONNECTOR - 3620417C1 BOOT - 0481949C1 GASKET - 1666090C1</p> | | | | TRAILER SOCKET (9405)  <p>CONNECTOR - 1663570C1 BOOT - 0481949C1 GASKET - 1666090C1</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BK | N58 | 10 | BK | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BL | N94 | 10 | DK BL | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BN | N68 | 10 | BN | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GN | N57 | 10 | LT GN | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RD | N70 | 10 | RD | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WH | N10 | 8 | WH | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| GN | N57B | 10 | LT GN | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RD | N70B | 10 | RD | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WH | N10B | 8 | WH | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BK | N58E | 10 | BK | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| BN | N68E | 10 | BN | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GN | N57E | 10 | LT GN | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RD | N70E | 10 | RD | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WH | N10E | 8 | WH | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YL | N56E | 10 | YL | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BK | N58C | 10 | BK | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| YL | N56C | 10 | YL | INCLUDED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEFT WHEEL SPEED SENSOR (9501)  <p>CONNECTOR - 1684261C1 PLUG - 0453133C1 LOCK - 1684263C1</p> <table border="1" style="font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>R94A</td><td>16</td><td>GY</td><td>1680205C1</td></tr> <tr><td>2</td><td>R94B</td><td>16</td><td>OR</td><td>1680205C1</td></tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | 1 | R94A | 16 | GY | 1680205C1 | 2 | R94B | 16 | OR | 1680205C1 | LEFT MODULATOR (9502)  <p>CONNECTOR - 1686834C1 PLUG - 0587579C1 LOCK - 1664408C1</p> <table border="1" style="font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>R94E</td><td>16</td><td>BK</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>B</td><td>R94F</td><td>16</td><td>RD</td><td>2033819C1</td><td>1652325C1</td></tr> <tr><td>C</td><td>R94H</td><td>16</td><td>BN</td><td>2033819C1</td><td>1652325C1</td></tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | R94E | 16 | BK | 2033819C1 | 1652325C1 | B | R94F | 16 | RD | 2033819C1 | 1652325C1 | C | R94H | 16 | BN | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | R94A | 16 | GY | 1680205C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | R94B | 16 | OR | 1680205C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | R94E | 16 | BK | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | R94C | 16 | DK BL | 1680205C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | R94D | 16 | YL | 1680205C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | R94J | 16 | PL | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | R94K | 16 | LT GN | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | R94L | 16 | LT BL | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIGHT REAR WHEEL SPEED SENSOR (9505)  <p>PURCHASED ASSEMBLY - 3519878C1</p> <table border="1" style="font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>[R94M]</td><td>18</td><td>BK</td><td>ASSY</td></tr> <tr><td>2</td><td>[R94N]</td><td>18</td><td>BN</td><td>ASSY</td></tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | 1 | [R94M] | 18 | BK | ASSY | 2 | [R94N] | 18 | BN | ASSY | LEFT REAR WHEEL SPEED SENSOR (9506)  <p>PURCHASED ASSEMBLY - 3519878C1</p> <table border="1" style="font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>1</td><td>[R94M]</td><td>18</td><td>BK</td><td>ASSY</td></tr> <tr><td>2</td><td>[R94N]</td><td>18</td><td>BN</td><td>ASSY</td></tr> </tbody> </table> | | | | CAV | CIR | GAUGE | COLOR | TERM | 1 | [R94M] | 18 | BK | ASSY | 2 | [R94N] | 18 | BN | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | [R94M] | 18 | BK | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | [R94N] | 18 | BN | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | [R94M] | 18 | BK | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | [R94N] | 18 | BN | ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 13JAN01 | PRODUCTION RELEASE. | A | P54304U | U00EDL2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 25JUN01 | ADDED 9404-9506. | B | P54634F | P52778H | DATE | 28JUN00 | PART NO. AE08-52376 SHEET 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 169 Connector Composites (9404), (9405), (9501), (9502), (9503), (9504), (9505), (9506)

12.55. CONNECTOR COMPOSITES (9507), (9508), (9509), (9510), (9511), (9512), (9513), (9514), (9515), P. 55

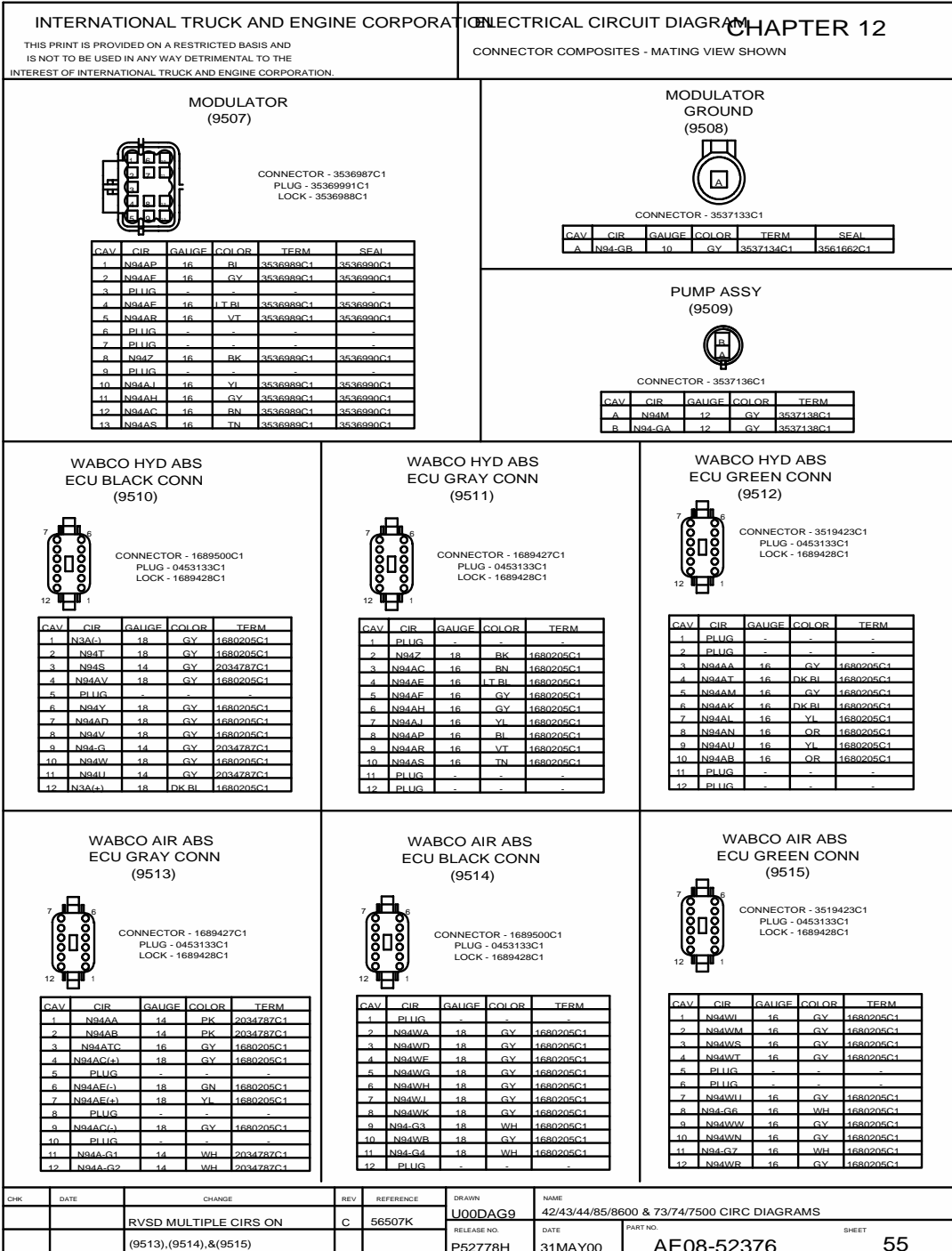


Figure 170 Connector Composites (9507), (9508), (9509), (9510), (9511), (9512), (9513), (9514), (9515)

12.56. CONNECTOR COMPOSITES (9516), (9517), (9518), (9519), P. 56

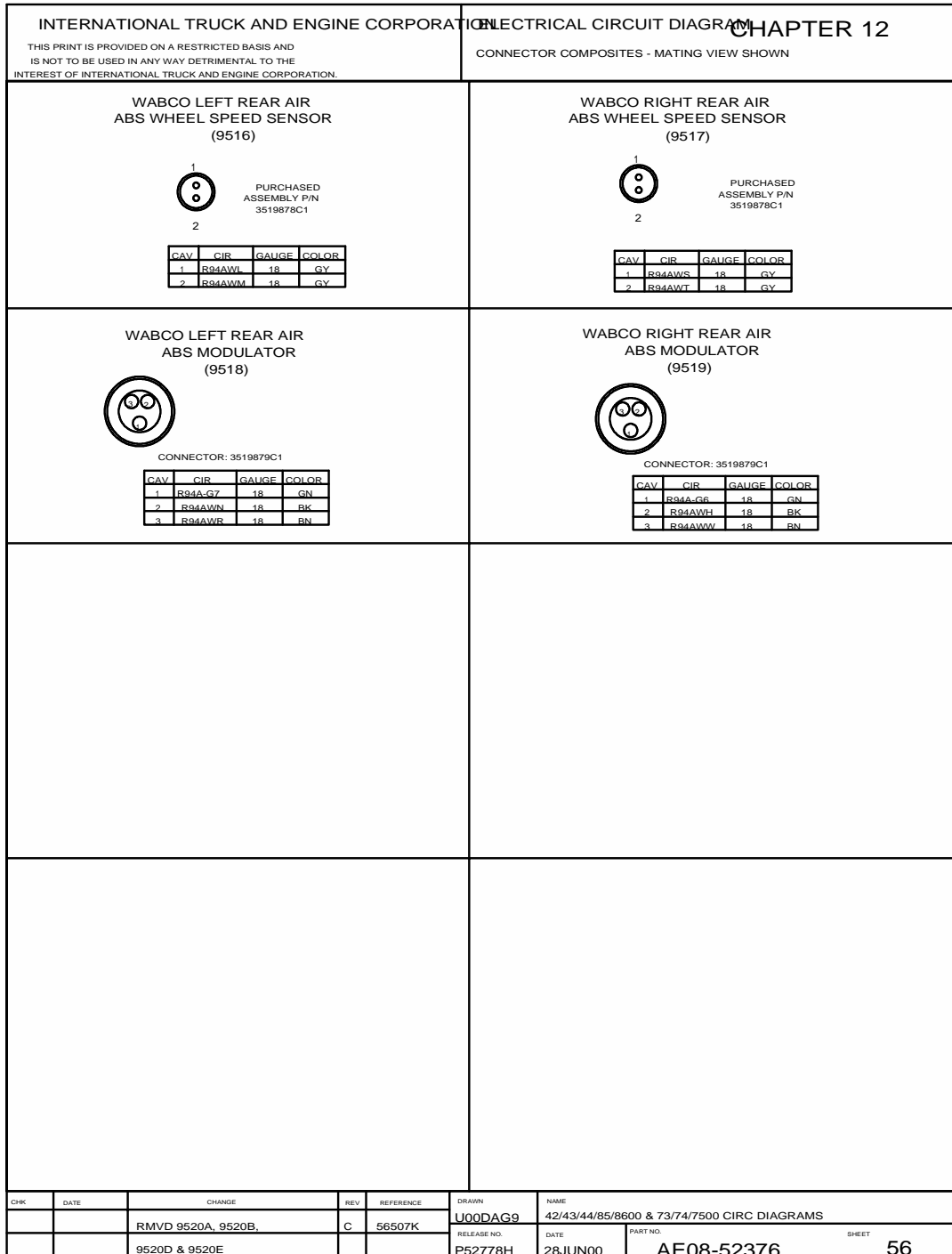


Figure 171 Connector Composites (9516), (9517), (9518), (9519)

12.57. CONNECTOR COMPOSITE (9700), P. 57

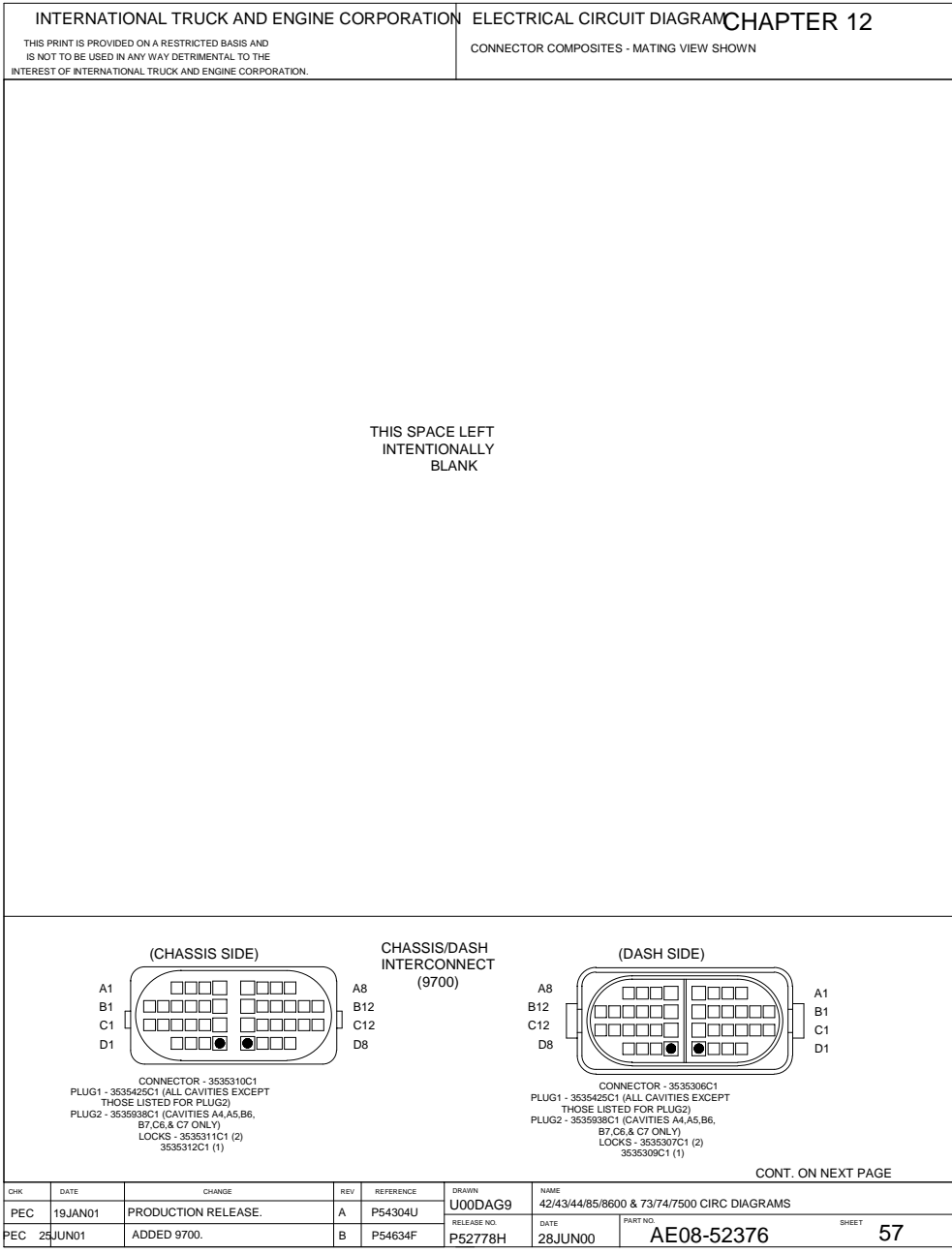


Figure 172 Connector Composite (9700)

12.58. CONNECTOR COMPOSITE (9700), P. 58

| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 | | | | | | | | | |
|--|---------|-------|-------|--|-----------|-------------|-----|--------|-------|-------|-----------|-----------|-----------|
| 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. | | | | CONNECTOR COMPOSITES - MATING VIEW SHOWN | | | | | | | | | |
| CONT. FROM PREVIOUS PAGE | | | | CHASSIS/DASH INTERCONNECT (9700) | | | | | | | | | |
| (CHASSIS SIDE) | | | | (DASH SIDE) | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES | CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES |
| A1 | N32A | 18 | TN | 3535305C1 | 3535424C1 | | A1 | J32 | 18 | TN | 3535303C1 | 3535424C1 | |
| A2 | N32 | 18 | TN | 3535305C1 | 3535424C1 | | A2 | J32A | 18 | TN | 3535303C1 | 3535424C1 | |
| A3 | N94A | 16 | GY | 3535305C1 | 3535424C1 | W/AIR ABS | A3 | J94AB | 18 | GY | 3535303C1 | 3535424C1 | W/AIR ABS |
| A3 | N94AM | 16 | GY | 3535305C1 | 3535424C1 | W/HYD ABS | A3 | J94AM | 18 | GY | 3535303C1 | 3535424C1 | W/HYD ABS |
| A3 | N94WI | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | A4 | J71A | 18 | OR | 3535930C1 | 3535930C1 | |
| A4 | N71 | 14 | OR | 3535934C1 | 3535937C1 | | A5 | J69B | 16 | OR | 3535930C1 | 3535930C1 | |
| A5 | N56 | 14 | OR | 3535934C1 | 3535937C1 | | A6 | J94AA | 18 | OR | 3535303C1 | 3535424C1 | W/AIR ABS |
| A6 | N94B | 16 | OR | 3535305C1 | 3535424C1 | W/AIR ABS | A6 | J94AH | 18 | OR | 3535303C1 | 3535424C1 | W/HYD ABS |
| A6 | N94AN | 16 | OR | 3535305C1 | 3535424C1 | W/HYD ABS | A7 | J94AI | 18 | DK BI | 3535303C1 | 3535424C1 | W/AIR ABS |
| A6 | N94WK | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | A7 | J94HT | 18 | DK BI | 3535303C1 | 3535424C1 | W/HYD ABS |
| A7 | N94C | 16 | DK BI | 3535305C1 | 3535424C1 | W/AIR ABS | A8 | J94AK | 18 | YI | 3535303C1 | 3535424C1 | W/AIR ABS |
| A7 | N94AT | 16 | DK BI | 3535305C1 | 3535424C1 | W/HYD ABS | A8 | J94AJ | 18 | YI | 3535303C1 | 3535424C1 | W/HYD ABS |
| A7 | N94WS | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | A8 | J94AC | 18 | BK | 3535303C1 | 3535424C1 | W/AIR ABS |
| A8 | N94D | 16 | YI | 3535305C1 | 3535424C1 | W/AIR ABS | B1 | J94HD | 18 | GY | 3535303C1 | 3535424C1 | W/HYD ABS |
| A8 | N94HJ | 16 | YI | 3535305C1 | 3535424C1 | W/HYD ABS | B2 | J94AD | 18 | RD | 3535303C1 | 3535424C1 | W/AIR ABS |
| A8 | N94WH | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | B2 | J94HV | 18 | GY | 3535303C1 | 3535424C1 | W/HYD ABS |
| B1 | N94F | 16 | BK | 3535305C1 | 3535424C1 | W/AIR ABS | B3 | J94AF | 18 | PI | 3535303C1 | 3535424C1 | W/AIR ABS |
| B1 | N94T | 18 | GY | 3535305C1 | 3535424C1 | W/HYD ABS | B5 | J94AH | 18 | LT GN | 3535303C1 | 3535424C1 | W/AIR ABS |
| B1 | N94WA | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | B5 | J94HP | 18 | GY | 3535303C1 | 3535424C1 | W/HYD ABS |
| B2 | N94F | 16 | RD | 3535305C1 | 3535424C1 | W/AIR ABS | B6 | J67B | 16 | OR | 3535930C1 | 3535930C1 | |
| B2 | N94AD | 18 | GY | 3535305C1 | 3535424C1 | W/HYD ABS | B7 | J69B | 14 | BN | 3535934C1 | 3535937C1 | |
| B2 | N94GD | 18 | WH | 3535305C1 | 3535310C1 | W/WABCO AIR | B8 | J94AJ | 18 | GY | 3535303C1 | 3535424C1 | W/AIR ABS |
| B3 | N94H | 16 | BN | 3535305C1 | 3535424C1 | W/AIR ABS | B8 | J94H | 16 | GY | 3535303C1 | 3535424C1 | W/HYD ABS |
| B3 | N94Y | 18 | GY | 3535305C1 | 3535424C1 | W/HYD ABS | B9 | N56LGA | 18 | WH | 3535303C1 | 3535424C1 | |
| B3 | N94WB | 16 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | B9 | J44M | 18 | GY | 3535303C1 | 3535424C1 | |
| B4 | N94J | 18 | PI | 3535305C1 | 3535424C1 | W/AIR ABS | B10 | J59A | 18 | GY | 3535303C1 | 3535424C1 | |
| B4 | N94WF | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | B11 | J36A | 18 | TN | 3535303C1 | 3535424C1 | |
| B5 | N94K | 16 | LT GN | 3535305C1 | 3535424C1 | W/HYD ABS | B12 | J39A | 16 | GY | 3535303C1 | 3535424C1 | |
| B5 | N94V | 18 | GY | 3535305C1 | 3535424C1 | W/HYD ABS | C1 | J59B | 18 | GY | 3535303C1 | 3535424C1 | |
| B5 | N94G3 | 18 | WH | 3535305C1 | 3535310C1 | W/WABCO AIR | C2 | J59C | 18 | GY | 3535303C1 | 3535424C1 | |
| B6 | N57 | 14 | OR | 3535934C1 | 3535937C1 | | C3 | J94ATC | 18 | GY | 3535303C1 | 3535424C1 | W/AIR ABS |
| B7 | N69 | 14 | BN | 3535934C1 | 3535937C1 | | C3 | J3C6 | 18 | GY | 3535303C1 | 3535424C1 | W/HYD ABS |
| B8 | N94L | 16 | LT BI | 3535305C1 | 3535424C1 | | C4 | J94ATR | 18 | GY | 3535303C1 | 3535424C1 | W/AIR ABS |
| B8 | N94N | 18 | GY | 3535305C1 | 3535424C1 | | C4 | J3C6 | 18 | DK BI | 3535303C1 | 3535424C1 | W/HYD ABS |
| B8 | N94WD | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | C5 | J59D | 18 | GY | 3535303C1 | 3535424C1 | |
| B9 | N56LGA | 18 | WH | 3535305C1 | 3535310C1 | | C6 | J11GA | 14 | WH | 3535934C1 | 3535937C1 | |
| B9 | N19 | 16 | GY | 3535305C1 | 3535424C1 | | C7 | J59E | 14 | GY | 3535931C1 | 3535937C1 | |
| B9 | N19A | 16 | GY | 3535305C1 | 3535424C1 | | C8 | J39B | 16 | GY | 3535303C1 | 3535424C1 | |
| B9 | N44M | 18 | GY | 3535305C1 | 3535424C1 | | C8 | J37 | 16 | TN | 3535303C1 | 3535424C1 | |
| B10 | N59J | 18 | GY | 3535305C1 | 3535424C1 | | C10 | J98B | 18 | TN | 3535303C1 | 3535424C1 | |
| B10 | N59H | 18 | GY | 3535305C1 | 3535424C1 | | C11 | PLUG | - | - | - | - | |
| B11 | * | 18 | TN | 3535305C1 | 3535424C1 | | C12 | J99A | 18 | GY | 3535303C1 | 3535424C1 | |
| B12 | ** | 16 | GY | 3535305C1 | 3535424C1 | | D1 | J99B | 18 | GY | 3535303C1 | 3535424C1 | |
| C1 | N59K | 18 | GY | 3535305C1 | 3535424C1 | | D2 | J87BB | 18 | GY | 3535303C1 | 3535424C1 | |
| C1 | N59V | 18 | GY | 3535305C1 | 3535424C1 | | D3 | J87KB | 16 | GY | 3535303C1 | 3535424C1 | |
| C2 | N59I | 18 | GY | 3535305C1 | 3535424C1 | | D6 | J87CA | 18 | GY | 3535303C1 | 3535424C1 | |
| C2 | N59W | 18 | GY | 3535305C1 | 3535424C1 | | D7 | J71N | 18 | OR | 3535303C1 | 3535424C1 | |
| C3 | N94BD | 16 | BN | 3535305C1 | 3535424C1 | W/AIR ABS | D8 | J9G | 18 | GY | 3535303C1 | 3535424C1 | |
| C3 | N94GL | 18 | GY | 3535305C1 | 3535424C1 | W/HYD ABS | | | | | | | |
| C3 | N94GL | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | | | | | | | |
| C4 | N94FE | 16 | YI | 3535305C1 | 3535424C1 | W/AIR ABS | | | | | | | |
| C4 | N3A() | 18 | DK BI | 3535305C1 | 3535424C1 | W/HYD ABS | | | | | | | |
| C4 | N94C() | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | | | | | | | |
| C5 | N59M | 18 | GY | 3535305C1 | 3535424C1 | | | | | | | | |
| C5 | N59X | 18 | GY | 3535305C1 | 3535424C1 | | | | | | | | |
| C6 | N10-G | 14 | WH | 3535934C1 | 3535937C1 | | | | | | | | |
| C7 | N59H | 14 | GY | 3535934C1 | 3535937C1 | | | | | | | | |
| C7 | N59T | 14 | GY | 3535934C1 | 3548945C1 | | | | | | | | |
| C8 | *** | 18 | GY | 3535305C1 | 3535424C1 | | | | | | | | |
| C9 | N56J | 16 | OR | 3535305C1 | 3535424C1 | | | | | | | | |
| C9 | N37D | 18 | TN | 3535305C1 | 3535424C1 | | | | | | | | |
| C10 | **** | 18 | TN | 3535305C1 | 3535424C1 | | | | | | | | |
| C11 | PLUG | - | - | - | - | | | | | | | | |
| C12 | N49A | 18 | GY | 3535305C1 | 3535424C1 | | | | | | | | |
| D1 | N49B | 18 | GY | 3535305C1 | 3535424C1 | | | | | | | | |
| D2 | N87BB | 18 | GY | 3535305C1 | 3535424C1 | | | | | | | | |
| D2 | N87RB | 18 | GY | 3535305C1 | 3535424C1 | | | | | | | | |
| D3 | N87KB | 18 | GY | 3535305C1 | 3535424C1 | | | | | | | | |
| D3 | N87MR | 18 | GY | 3535305C1 | 3535424C1 | | | | | | | | |
| D6 | N87CA | 18 | GY | 3535305C1 | 3535424C1 | | | | | | | | |
| D6 | N87FA | 18 | GY | 3535305C1 | 3535424C1 | | | | | | | | |
| D7 | N71N | 18 | OR | 3535305C1 | 3535424C1 | | | | | | | | |
| D7 | N19-G | 16 | WH | 3535305C1 | 3535424C1 | | | | | | | | |
| D7 | N19LGA | 16 | WH | 3535305C1 | 3535424C1 | | | | | | | | |
| D8 | N9 | 18 | GY | 3535305C1 | 3535424C1 | | | | | | | | |

* - FOR LEFT SIDE MTD FUEL TANKS, CIR NUM IS N36;
 FOR RIGHT SIDE MTD FUEL TANKS, CIR NUM IS N36A;
 FOR DUAL FUEL TANKS, CIR NUM IS N36B;
 FOR AF MTD FUEL TANKS, CIR NUM IS N36C;

** - FOR LEFT SIDE MTD AIR DRYERS, CIR NUM IS N39B;
 FOR RIGHT SIDE MTD AIR DRYERS, CIR NUM IS N39C;

*** - FOR LEFT SIDE MTD DRAIN VALVES, CIR NUM IS N39;
 FOR RIGHT SIDE MTD DRAIN VALVES, CIR NUM IS N39A;

**** - FOR SINGLE TANK, CIR NUM IS N36;
 FOR DUAL TANKS, CIR NUM IS N36H;

| | | | | | | |
|-----|------|-----------------------|-----|-----------|-------------|---|
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME |
| | | ADDED CIRC EACH CHART | A | 56507K | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS |
| | | | | | RELEASE NO. | DATE |
| | | | | | P54634F | 14 JUN 01 |
| | | | | | | PART NO. |
| | | | | | | AF08-52376 |
| | | | | | | SHEET |
| | | | | | | 58 |

Figure 173 Connector Composite (9700)

12.59. CONNECTOR COMPOSITES (9715), (9715A), (9715B), P. 59

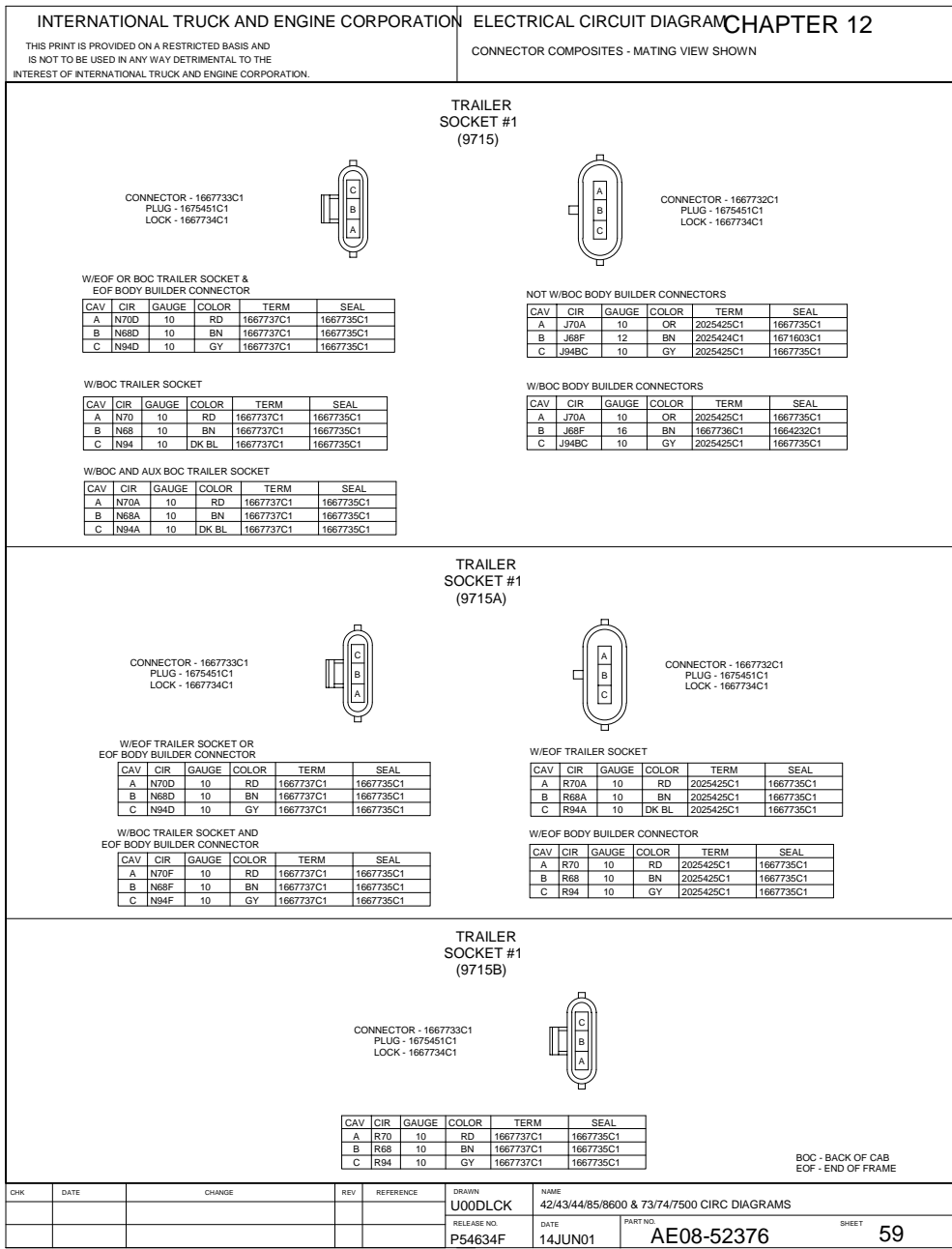


Figure 174 Connector Composites (9715), (9715A), (9715B)

12.60. CONNECTOR COMPOSITES (9716), (9716A), (9716B), P. 60

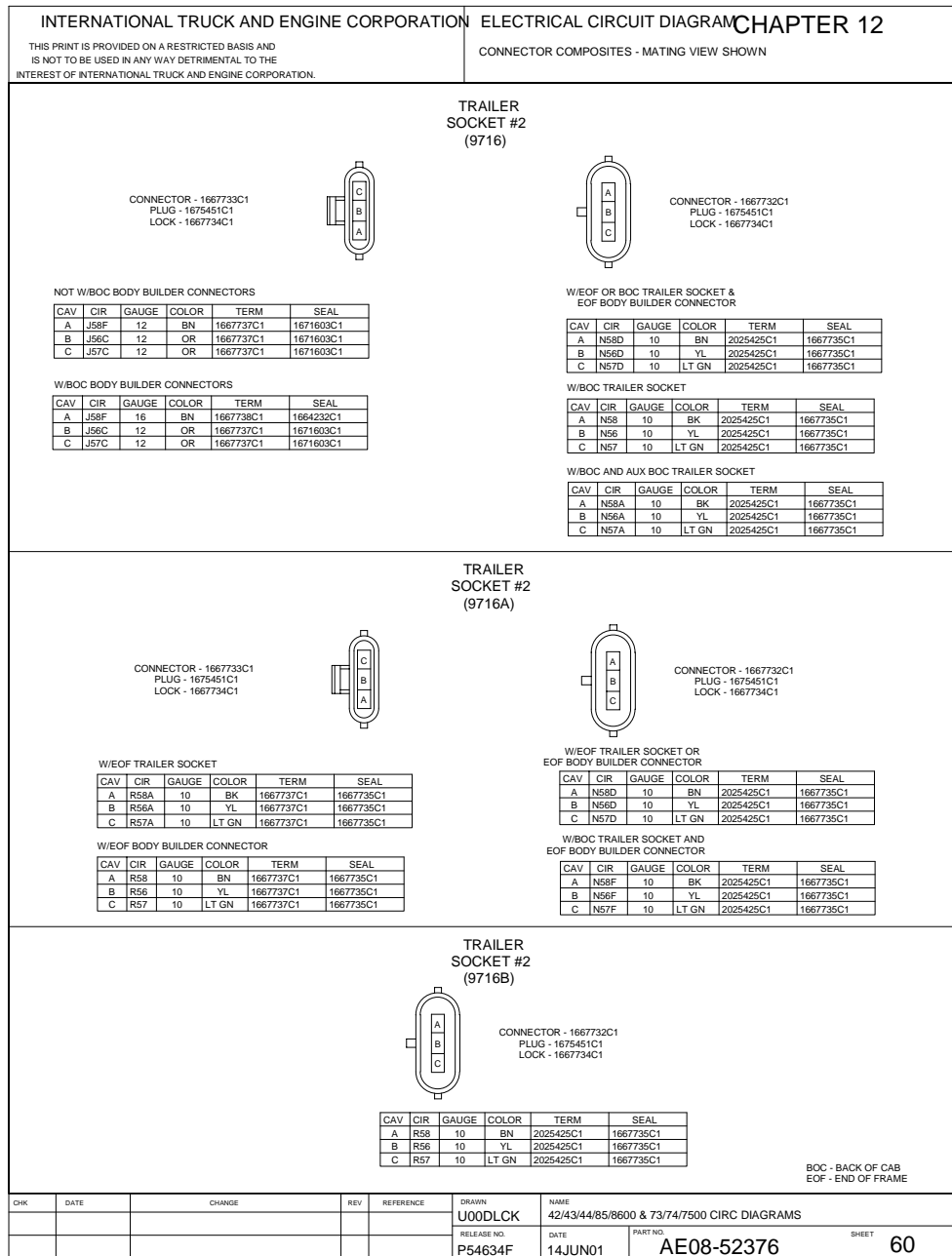


Figure 175 Connector Composites (9716), (9716A), (9716B)

12.61. CONNECTOR COMPOSITES (9717), (9717A), (9717B), P. 61

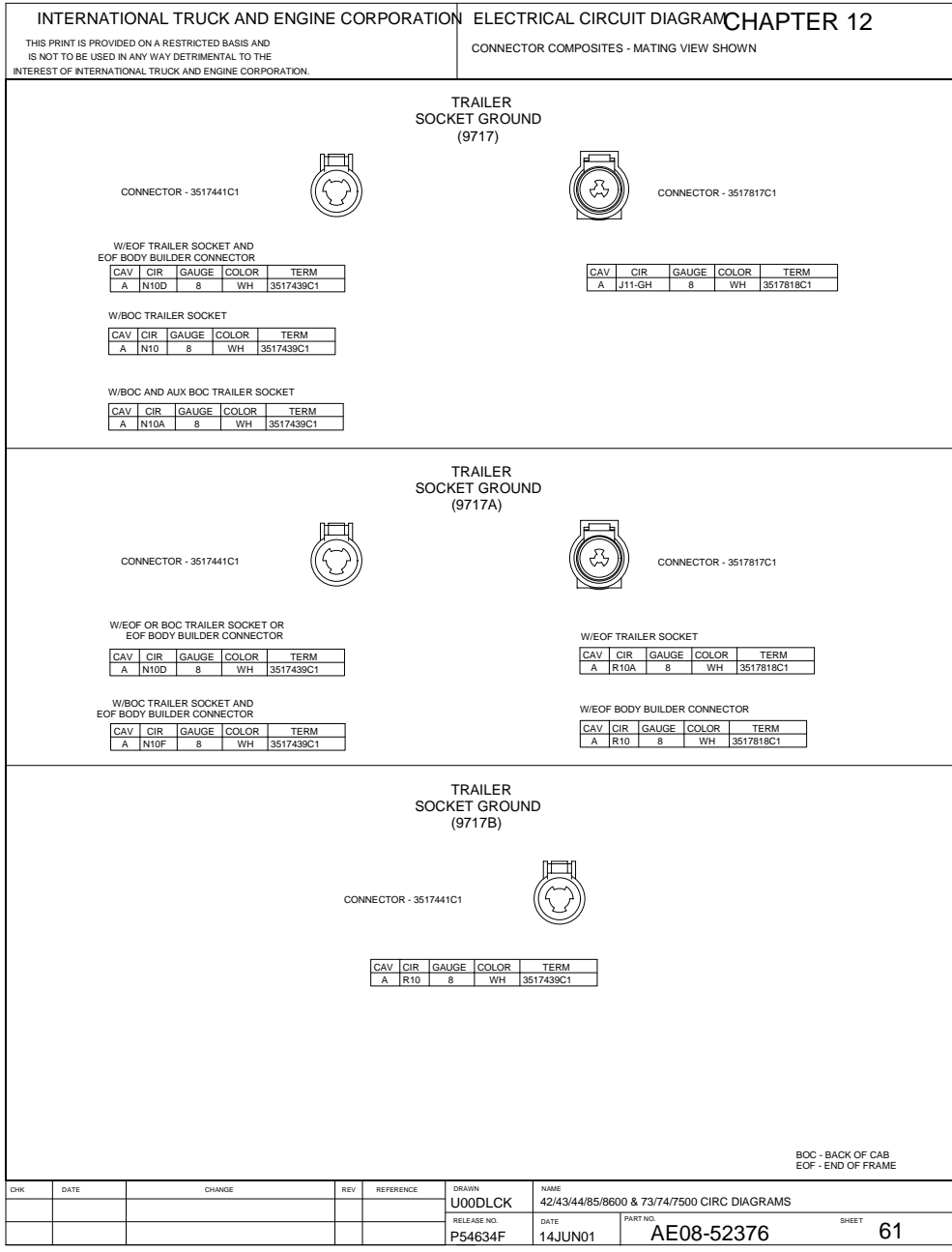


Figure 176 Connector Composites (9717), (9717A), (9717B)

12.62. CONNECTOR COMPOSITES (9718), (9719), (9720), (9733), (9734), (9736), (9762), (9763), P. 62

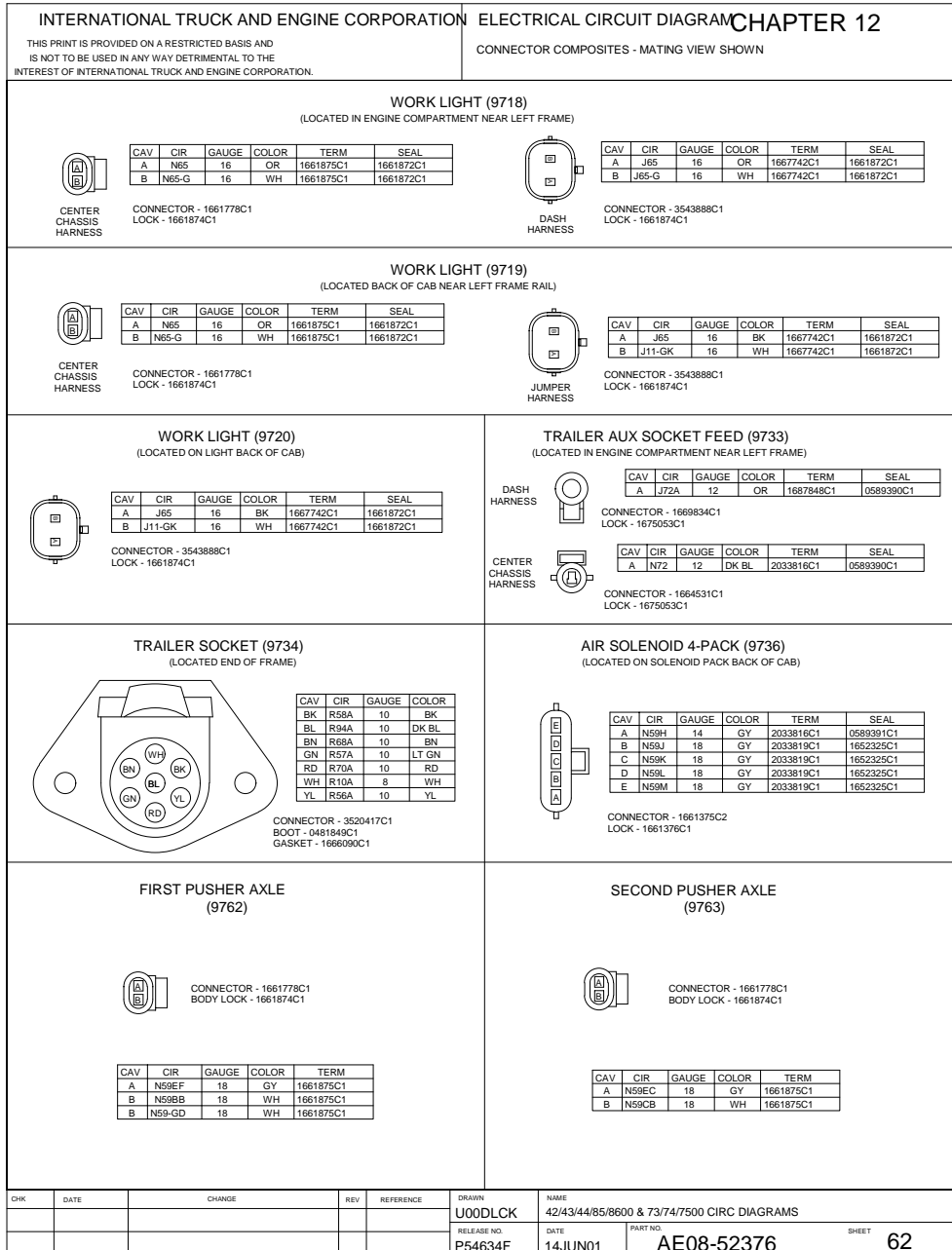


Figure 177 Connector Composites (9718), (9719), (9720), (9733), (9734), (9736), (9762), (9763)

12.63. CONNECTOR COMPOSITES (9777), (9800), P. 63

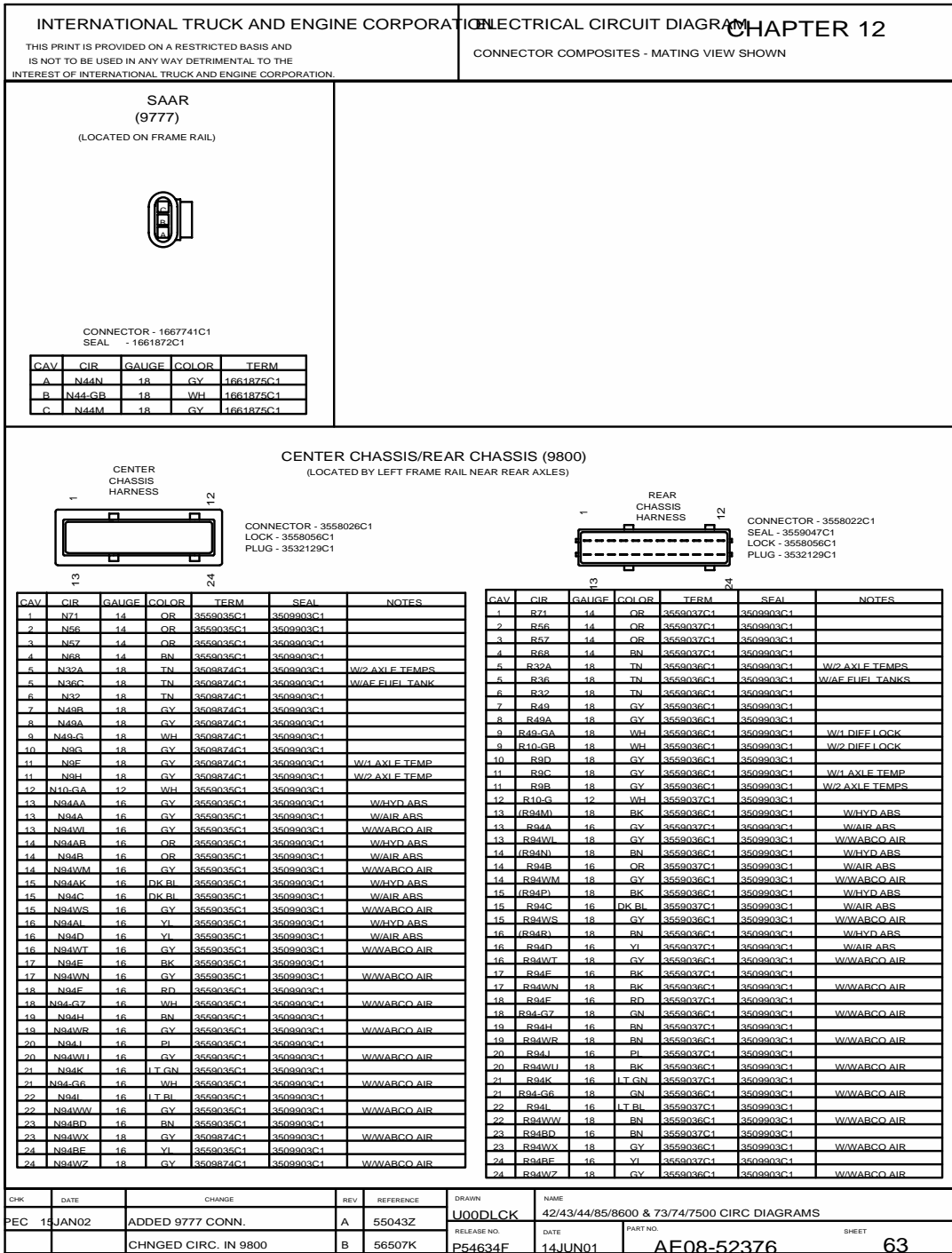


Figure 178 Connector Composites (9777), (9800)

12.64. CONNECTOR COMPOSITES (9870), (9871), (9811), (9812), (9814), (9815), (9850), (9900), (9900A), P. 64

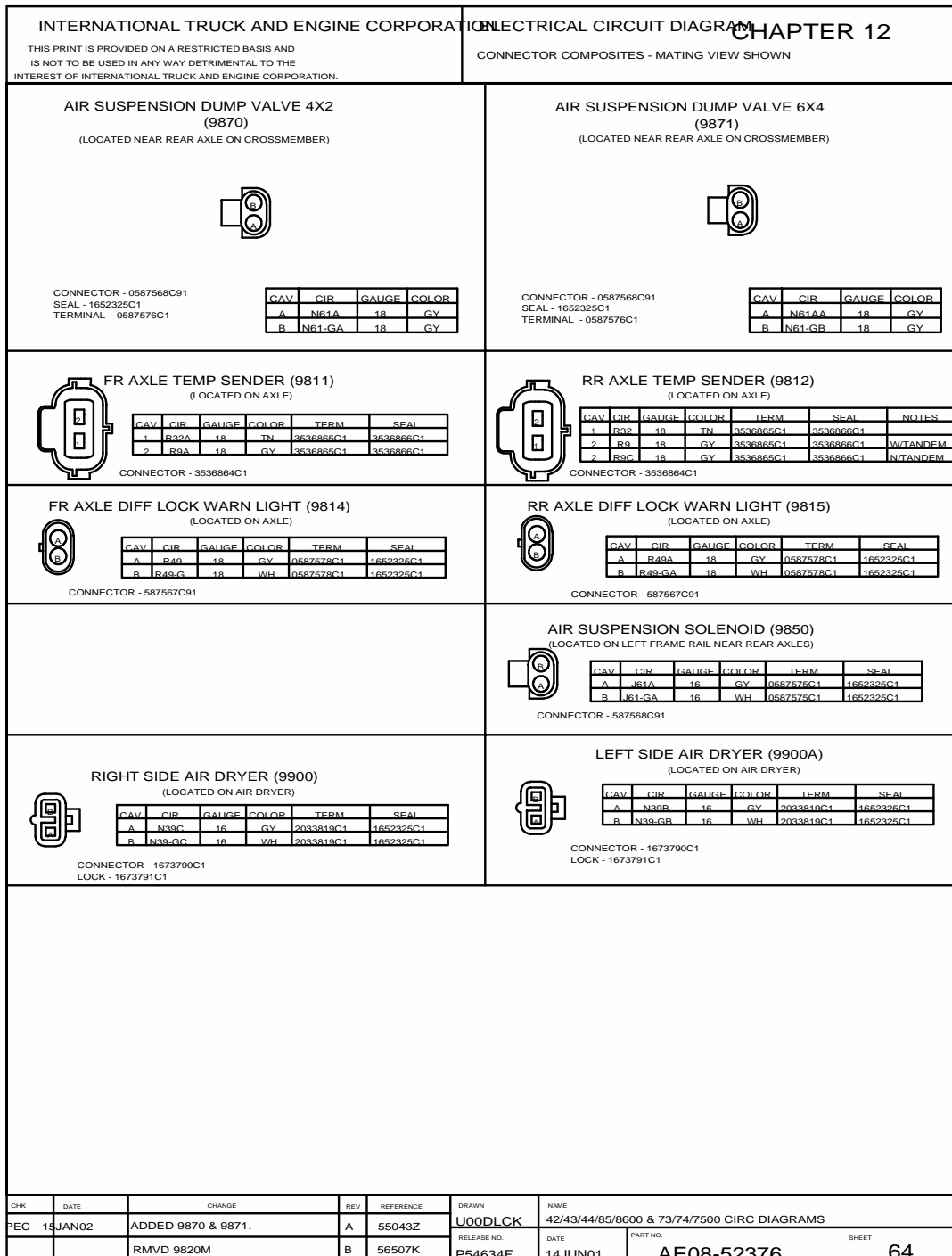


Figure 179 Connector Composites (9870), (9871), (9811), (9812), (9814), (9815), (9850), (9900), (9900A)