

SERVICE MANUAL

SERVICE MANUAL SECTION

**3200, 4200, 4300, 4400, 7300, 7400, 7500, 7600, 8500, 8600 SERIES Built
After September 15, 2003 — 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
Start Date: 10/01/2002**

**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**

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09/15/2003

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1. INSTRUCTIONS AND CHARTS (CHAPTER 1)

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

| | | | | | | | |
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| 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 | U00DLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | |
| | | | | | RELEASE NO. | DATE | PART NO. |
| | | | | | P52778H | 09AUG00 | AE08-52365 |
| | | | | | | | SHEET 01 |

Figure 1 Circuit Number Identification and Location Chart

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

| 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 | | | | | | | |
| 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 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 | | | | | | |
| 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. |
| | | | | | P52778H | 15MAY00 | AE08-52365 |
| | | | | | | | SHEET 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

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 THE
INTERNATIONAL TRUCK AND ENGINE CORPORATION.

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 | GY | AIR HORN (ELECTRIC SOLENOID ACTUATED) |
| 101 | TN | BRAKE APPLICATION AIR |
| 102 | YL | FLASH TO PASS |
| 103 | LTGN | BODY BUILDER AUX. FEED |
| 104 | DKBL | REMOTE START/STOP |
| 105 | LTGN | HEATED SEATS |

| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | |
|-----|---------|--|-----|-----------|------------------------|---|------------|-------------|
| JKP | 30MAY03 | ADDED 103, 104, 105 & COLOR TO 100, 101, 102. | C | 58205F | U00DLCK RELEASE NO. | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | DATE | PART NO. |
| | | | | | P52778H | 15MAY00 | AE08-52365 | SHEET 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 | | | 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 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 | VARIABLE 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 DISENGAGED INPUT | 5 | VCREF(5V) | REMOTE ACCELERATOR SENS. SUPPLY |
| 42 | DPS | GROUND | 7 | VCREF GND | REMOTE ACCELERATOR SENSOR GND |
| 46 | ECl | 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 | |
| CNA | 12SEP03 | ADDED PIN # CHART. | C | 58774T | U00JXP9 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | |
| | | | | | RELEASE NO. | DATE | PART NO. |
| | | | | | P52778H | 09AUG00 | AE08-52365 |
| | | | | | | | SHEET |
| | | | | | | | 06 |

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

1.7. CIRCUIT DIAGRAM INSTRUCTIONS, P. 7


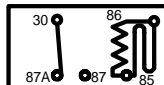


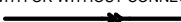
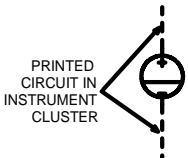
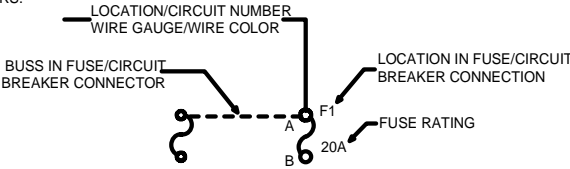
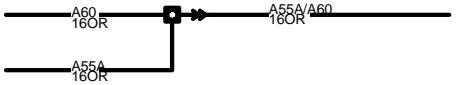
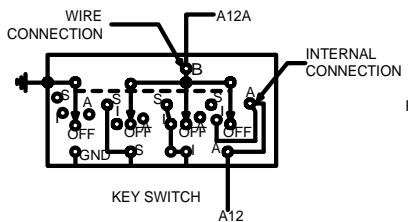
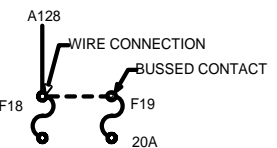
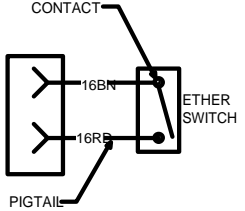
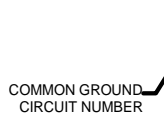
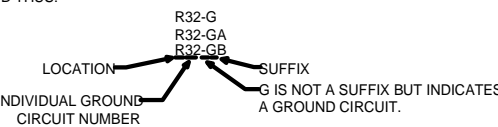
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|--|--|---------------------|------|-----------|-------------|---|-------|------|-----|---------|---------------------|---|---------|---------|---|--|--|--|--|--|-------------|------|--|--|--|--|--|---------|---------|--|--|--|--|--|--|----------|--|--|--|--|--|--|------------|--|--|--|--|--|--|-------|--|--|--|--|--|--|----|
| <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/A60 16OR</p> <p>A55A 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> <td style="width: 5%;">CHK</td> <td style="width: 10%;">DATE</td> <td style="width: 20%;">CHANGE</td> <td style="width: 5%;">REV</td> <td style="width: 10%;">REFERENCE</td> <td style="width: 10%;">DRAWN</td> <td style="width: 40%;">NAME</td> </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 GROUND I IGNITION IGN IGNITION 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 GROUND I IGNITION IGN IGNITION 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 GROUND I IGNITION IGN IGNITION 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 | |
| | | | | | RELEASE NO. | DATE | PART NO. |
| | | | | | P52778H | 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. |
| | | | | | P52778H | 19MAY00 | AE08-52365 |
| | | | | | | | SHEET 09 |

Figure 9 Schematic Symbol Chart

1.10. RELAY FUNCTIONS, P. 10

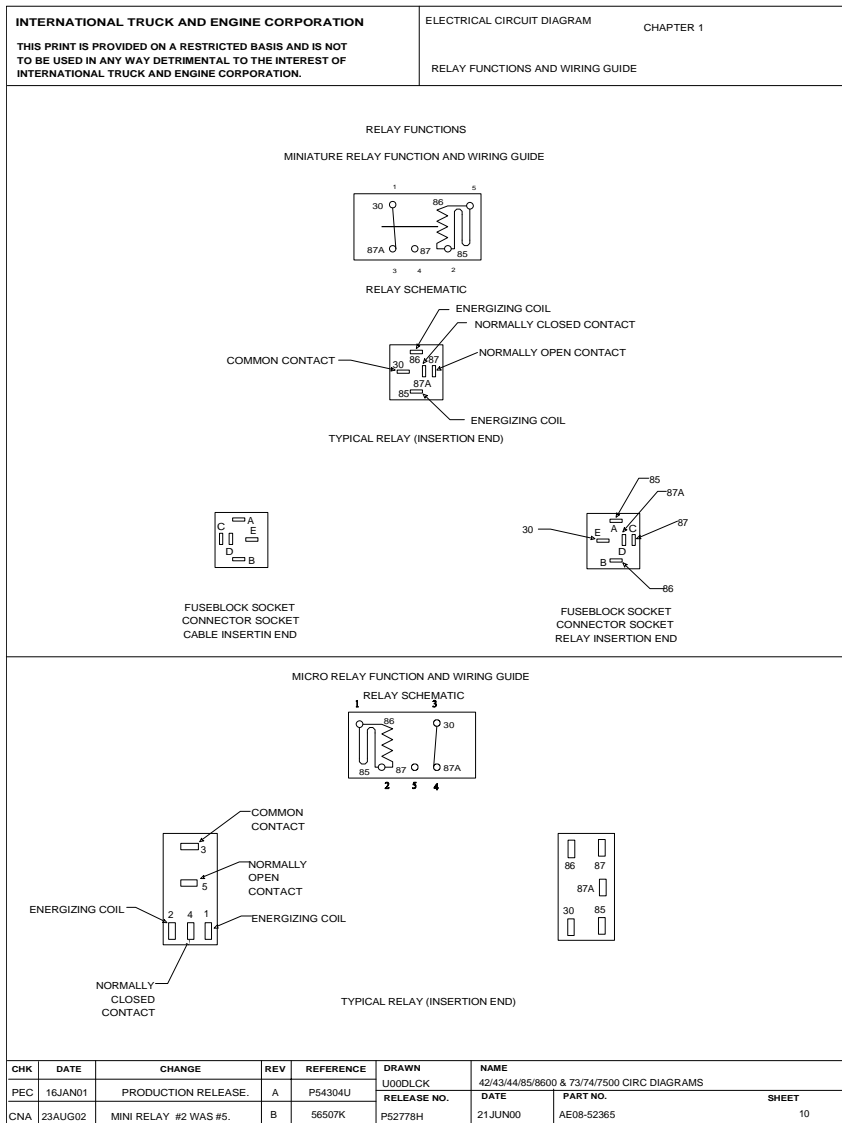


Figure 10 Relay Functions

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. INTERNATIONAL V8 AND I6 ECM CONTROLLER CONNECTORS PIN NUMBER IDENTIFICATION, P.12

| | | | | | | | | | |
|--|-----------|---|-----------|------------|---|--|------------------------|------------------------------|--|
| INTERNATIONAL TRUSK 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 TRUSK AND ENGINE CORPORATION. | | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 1 INTERNATIONAL V8 & I6 ECM CONTROLLER CONNECTORS PIN NUMBER IDENTIFICATION. | | | | |
| CONNECTOR X3 REFERENCE (6020) | | | | | CONNECTOR X4 REFERENCE (6021) | | | | |
| ECM PIN # | TERM | DESCRIPTION | ECM PIN # | TERM | DESCRIPTION | ECM PIN # | TERM | DESCRIPTION | |
| 1 | FPM | FUEL PUMP MONITOR | 1 | KL.87 | BATTERY POWER | 1 | KL.87 | BATTERY POWER | |
| 2 | FLI | FUEL LEVEL INDICATOR | 2 | KL.87 | BATTERY POWER | 2 | KL.87 | BATTERY POWER | |
| 3 | KL.15 | IGNITION FEED | 3 | | NOT POPULATED | 3 | | NOT POPULATED | |
| 4 | ECL | ENGINE COOLANT LEVEL | 4 | VBREF | SENSOR REFERENCE VOLTAGE | 4 | VBREF | SENSOR REFERENCE VOLTAGE | |
| 5 | MPR | MAIN POWER RELAY | 5 | | NOT POPULATED | 5 | | NOT POPULATED | |
| 6 | KL.31 | GROUND | 6 | LSI_SPARE2 | LOW SPEED INPUT 2 | 6 | LSI_SPARE2 | LOW SPEED INPUT 2 | |
| 7 | KL.31 | GROUND | 7 | | NOT POPULATED | 7 | | NOT POPULATED | |
| 8 | DDS | DRIVELINE DISENGAGE SWITCH | 8 | | NOT POPULATED | 8 | | NOT POPULATED | |
| 9 | FPC | FUEL PUMP CONTROL | 9 | VSS- | VEHICLE SPEED SENSOR- | 9 | VSS- | VEHICLE SPEED SENSOR- | |
| 10 | TCSS | TORQUE CURVE SELECT SWITCH | 10 | VSS+ | VEHICLE SPEED SENSOR+ | 10 | VSS+ | VEHICLE SPEED SENSOR+ | |
| 11 | TACH | TACHOMETER CONTROL | 11 | | NOT POPULATED | 11 | | NOT POPULATED | |
| 12 | CAN1+ | DRIVETRAIN J1939 DATALINK + | 12 | IVS | IDLE VALIDATION SWITCH | 12 | IVS | IDLE VALIDATION SWITCH | |
| 13 | CAN1- | DRIVETRAIN J1939 DATALINK - | 13 | | NOT POPULATED | 13 | | NOT POPULATED | |
| 14 | RAS | RESUME/ACCELERATE | 14 | EFAN | ELECTRIC FAN CONTROL | 14 | EFAN | ELECTRIC FAN CONTROL | |
| 15 | CAN1-SHLD | DRIVETRAIN 1939 DATALINK SHLD | 15 | LSO_SPARE4 | LOW SIDE OUTPUT 4 | 15 | LSO_SPARE4 | LOW SIDE OUTPUT 4 | |
| 16 | | NOT POPULATED | 16 | | NOT POPULATED | 16 | | NOT POPULATED | |
| 17 | VSS_CAL | VEHICLE SPEED SENSOR CALIBRATION | 17 | | NOT POPULATED | 17 | | NOT POPULATED | |
| 18 | VRE | VEHICLE RETARDER ENABLE | 18 | APS | ACCELERATION POSITION SENSOR | 18 | APS | ACCELERATION POSITION SENSOR | |
| 19 | RPRE | REMOTE PRESET PTO ENABLE | 19 | | NOT POPULATED | 19 | | NOT POPULATED | |
| 20 | RVAR | REMOTE VARIABLE PTO ENABLE | 20 | ATA+ | J1708 DATALINK + | 20 | ATA+ | J1708 DATALINK + | |
| 21 | SCS | SET/COAST | 21 | ATA- | J1708 DATALINK - | 21 | ATA- | J1708 DATALINK - | |
| 22 | ESHTR | ELECTRONIC SHUTTER RELAY | 22 | | NOT POPULATED | 22 | | NOT POPULATED | |
| 23 | ECI | ENGINE CRANK INHIBIT | 23 | GSC | GENSET SPEED CONTROL | 23 | GSC | GENSET SPEED CONTROL | |
| 24 | BAP | BAROMETRIC AIR PRESSURE | 24 | KL.31B | SENSOR REFERENCE GROUND | 24 | KL.31B | SENSOR REFERENCE GROUND | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | |
| CNA | 25FEB03 | PIN 6 OF CONN X4 INOUT CHANGED TO INPUT | B | 58928S | LU00DLCK RELEASE NO. P54304U | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS DATE 16JAN01 | PART NO. AE08-52365 | SHEET 12 | |

Figure 12 International V8 and I6 ECM Controller Connectors Pin Number Identification

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

2.1. ACCESSORY, P. 1

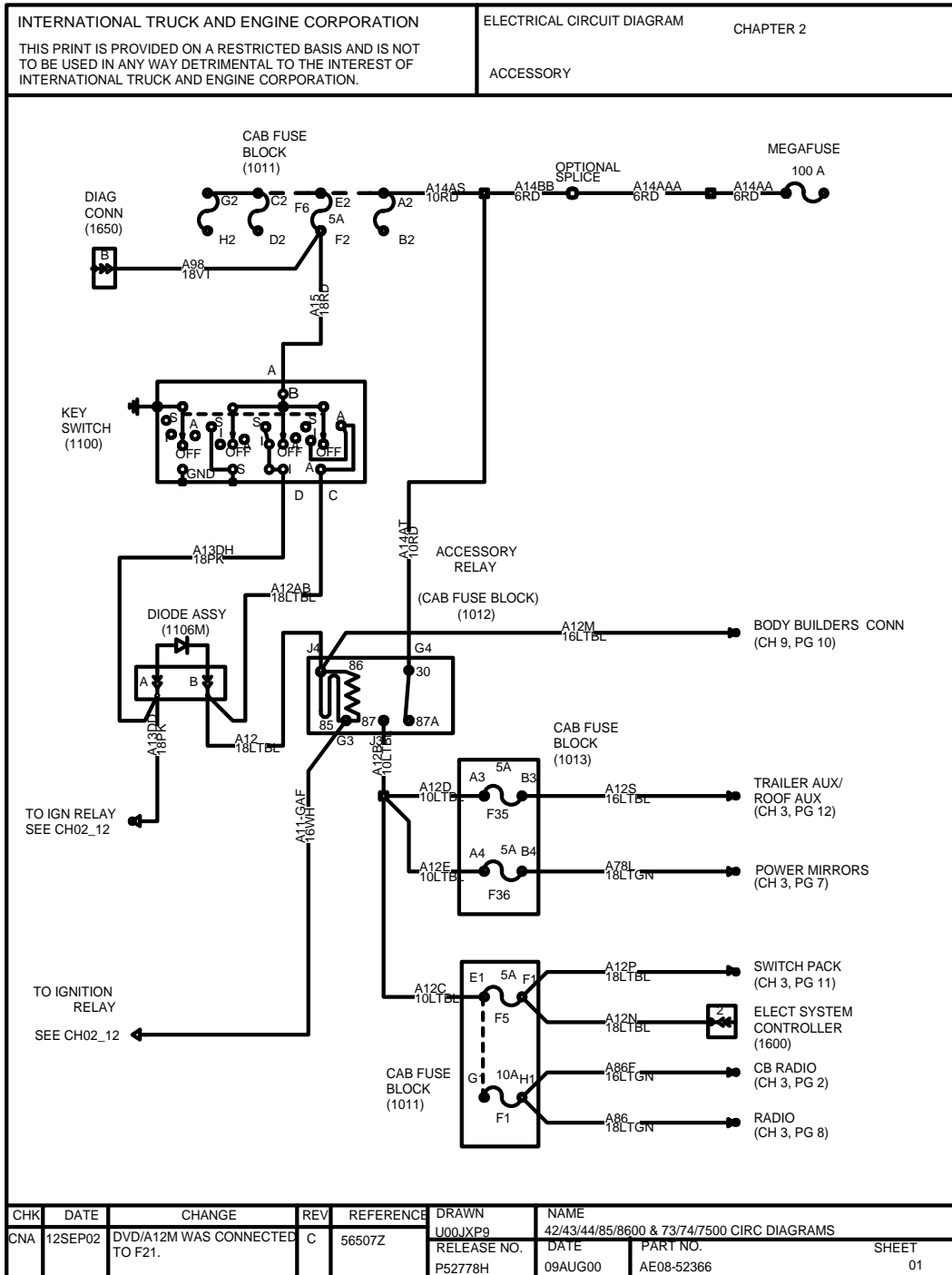


Figure 13 Accessory

2.2. BATTERY FEEDS, CAB, P. 2

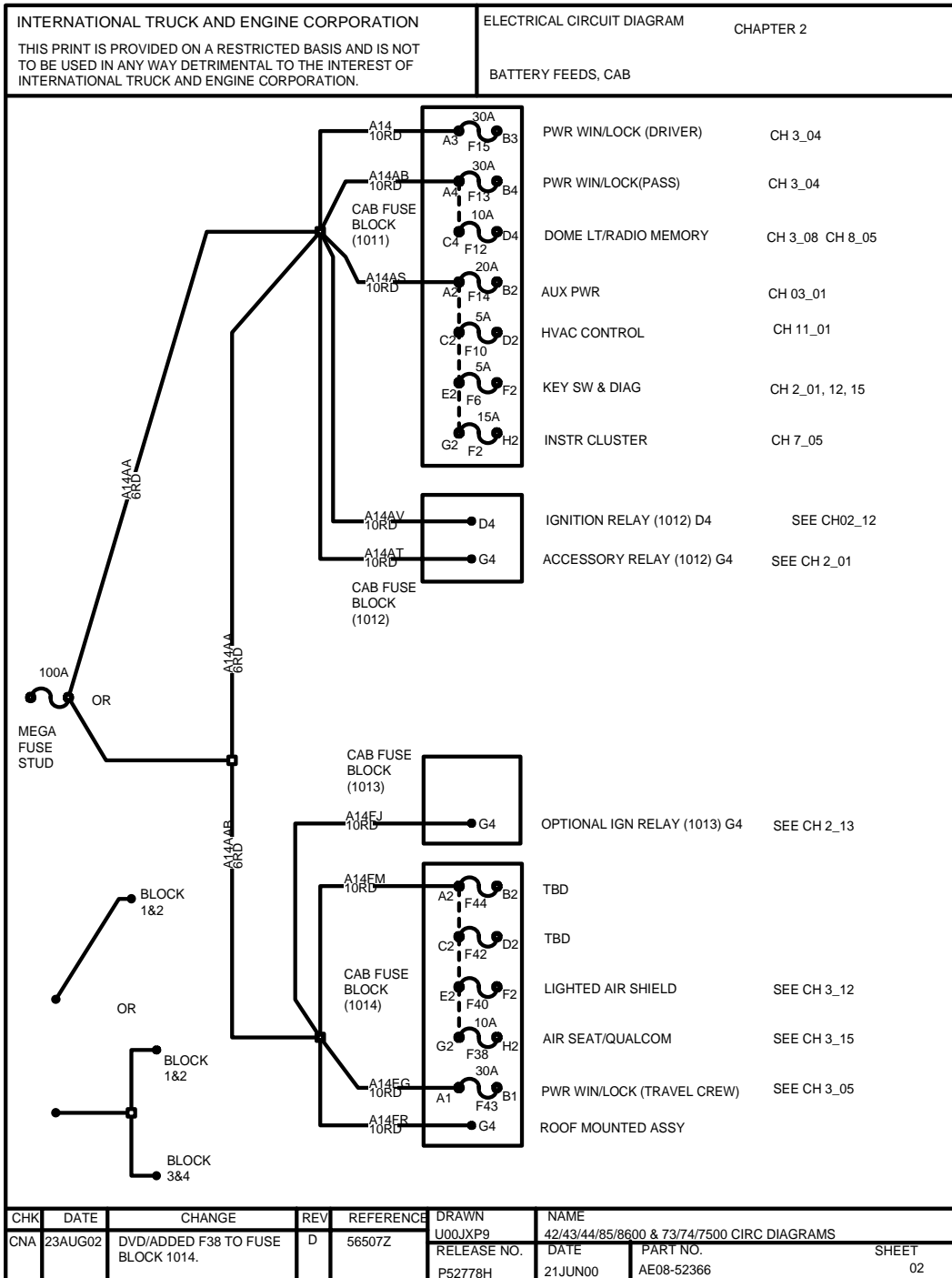


Figure 14 Battery Feeds, Cab

2.3. BATTERY, P. 3

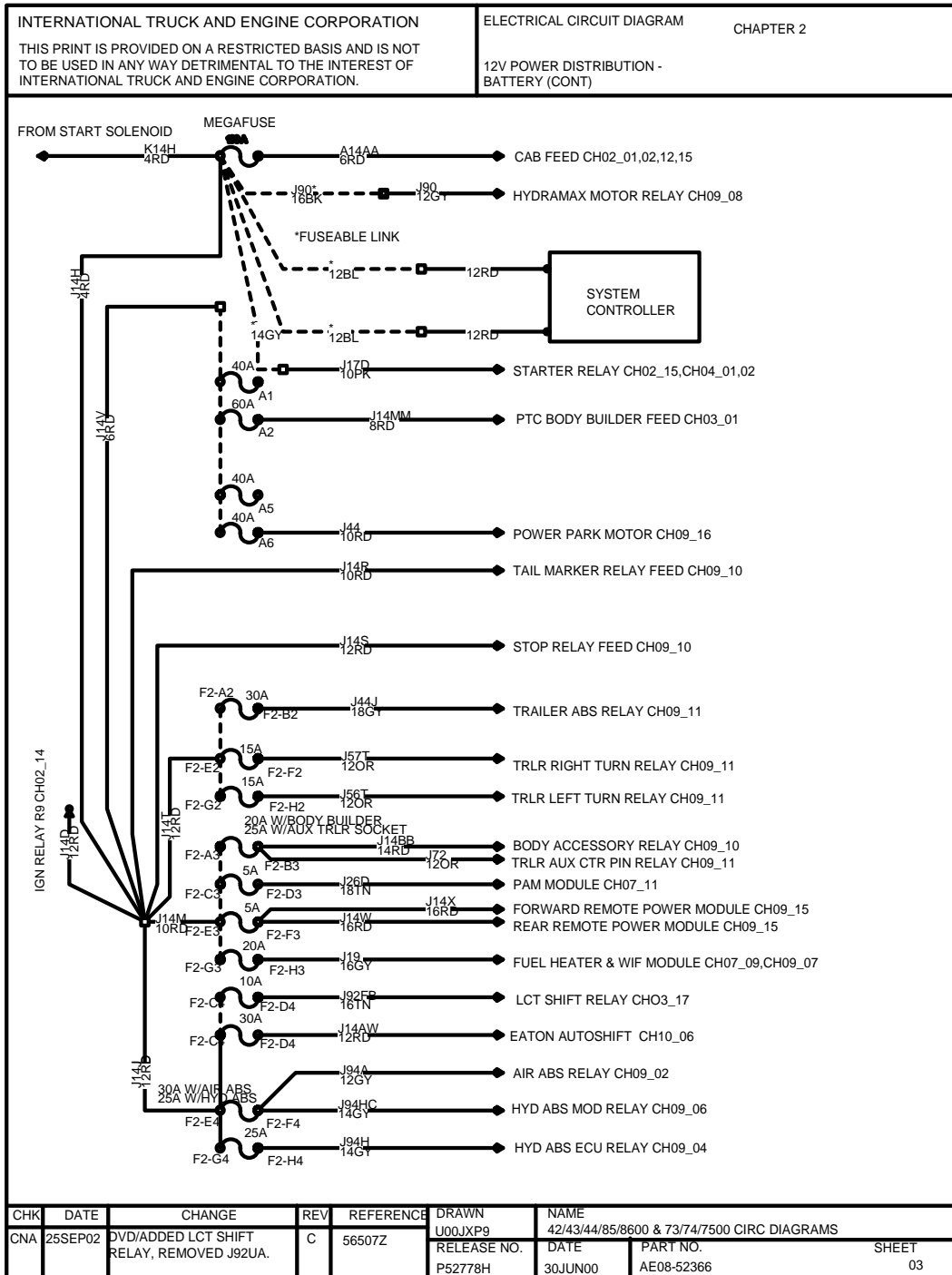


Figure 15 Battery

2.4. 1708 DATA LINK, P. 4

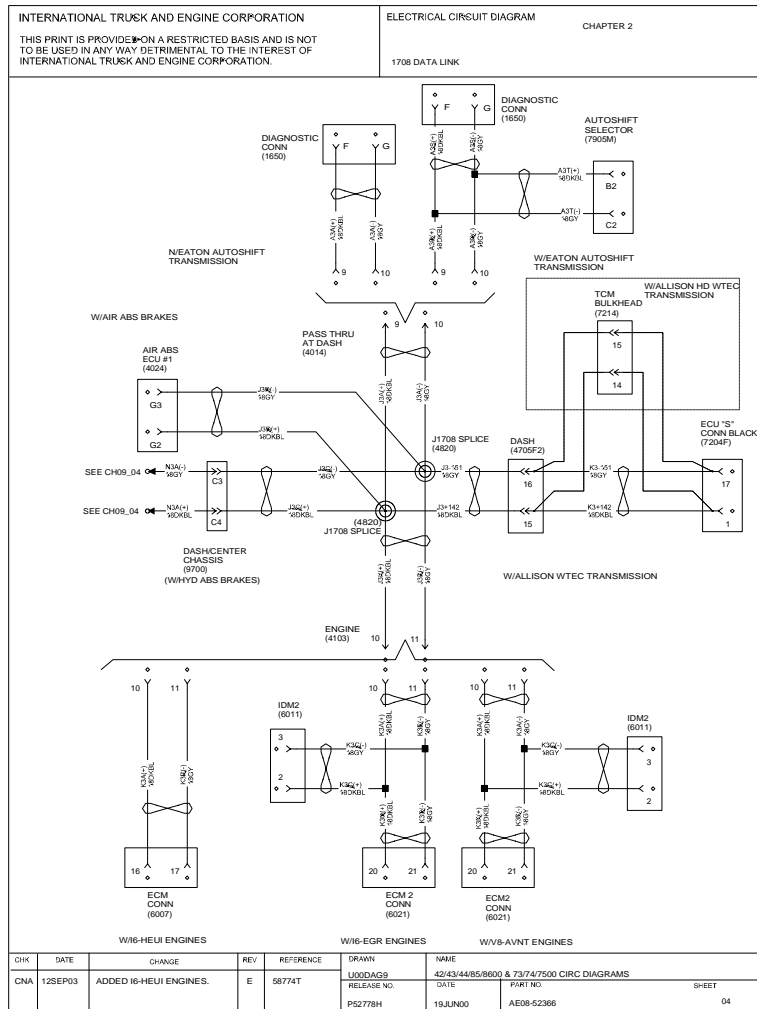


Figure 16 1708 Data Link

2.5. SWITCH DATA LINK, P. 5

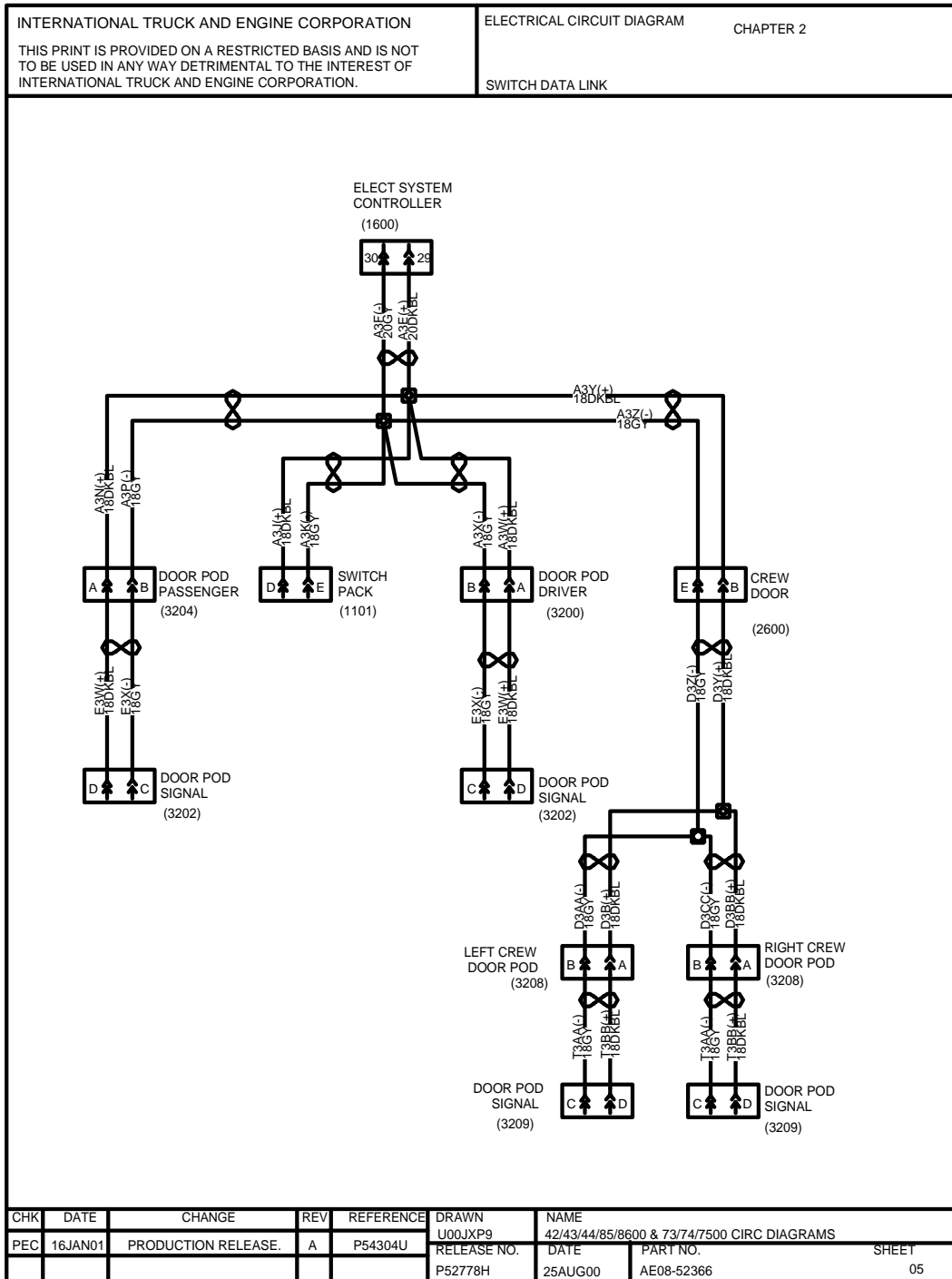


Figure 17 Switch Data Link

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

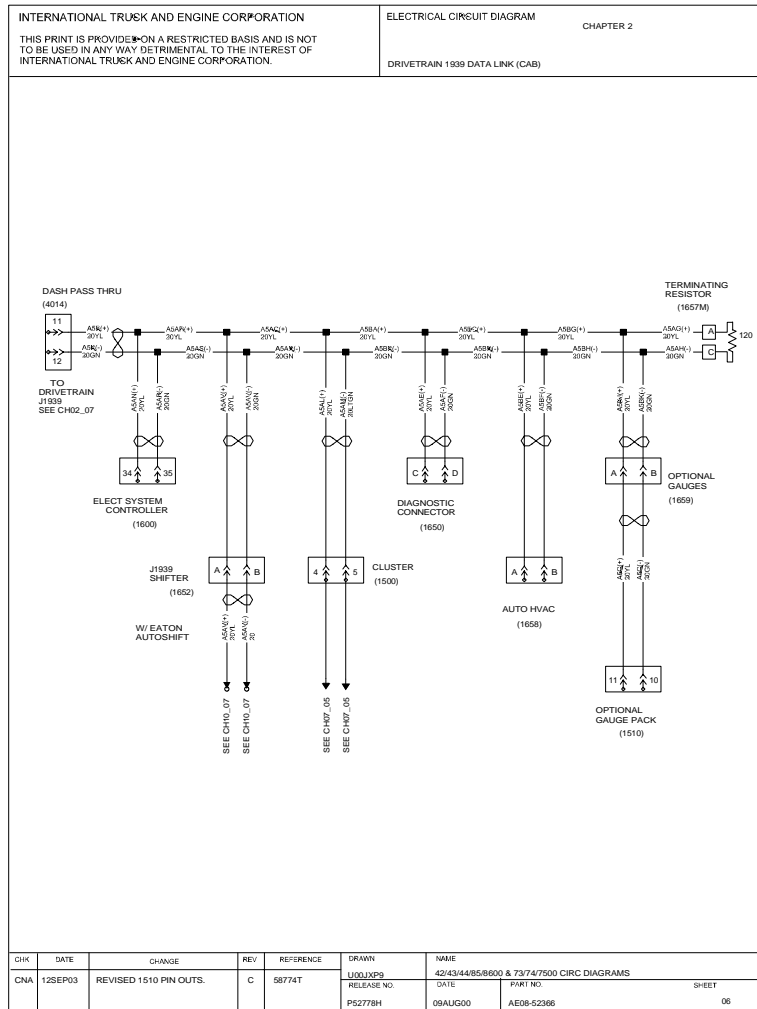


Figure 18 Drivetrain 1939 Data Link (Cab)

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

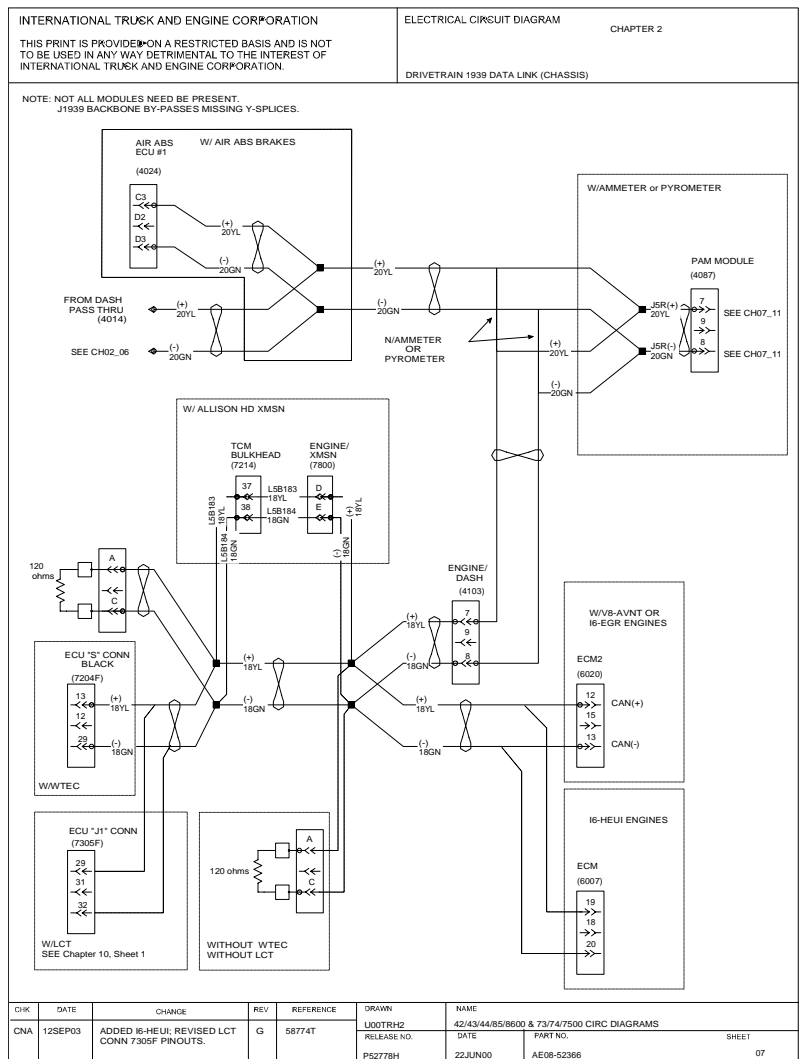


Figure 19 Drivetrain 1939 Data Link (Chassis)

2.8. GROUNDS CHASSIS, P. 8

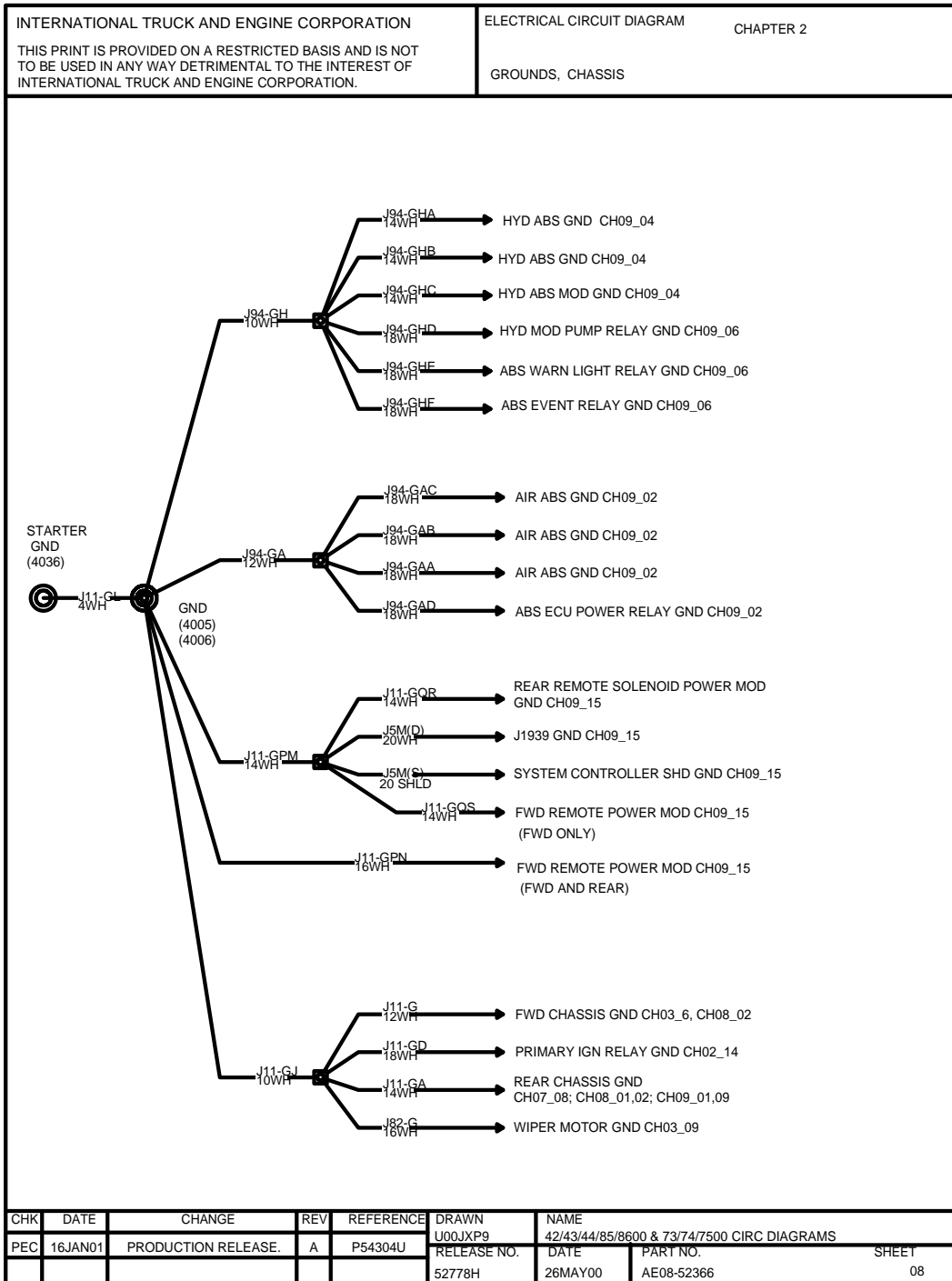


Figure 20 Grounds Chassis

2.9. GROUNDS CHASSIS, P. 9

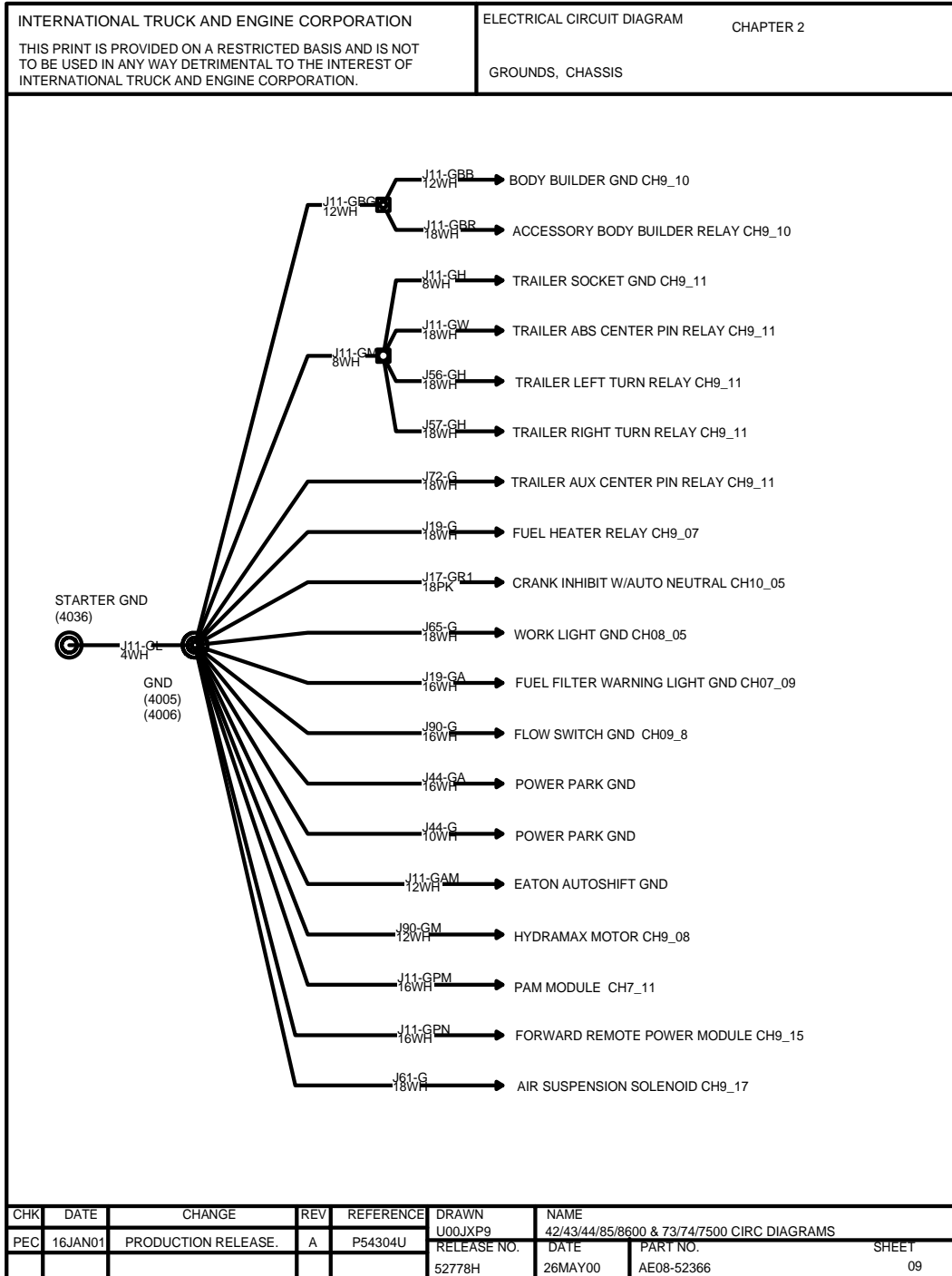


Figure 21 Grounds Chassis (Cont.)

2.10. GROUNDS IP, P. 10

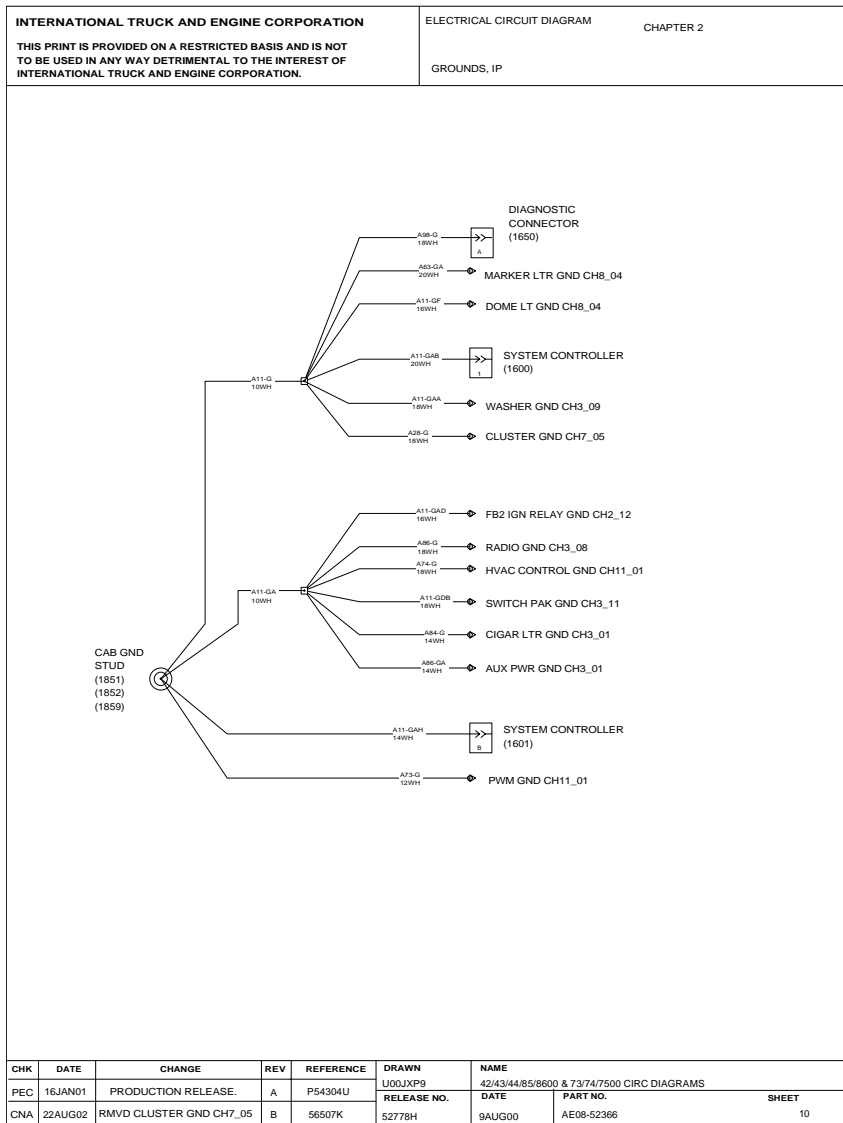


Figure 22 Grounds IP

2.11. GROUNDS IP, P. 11

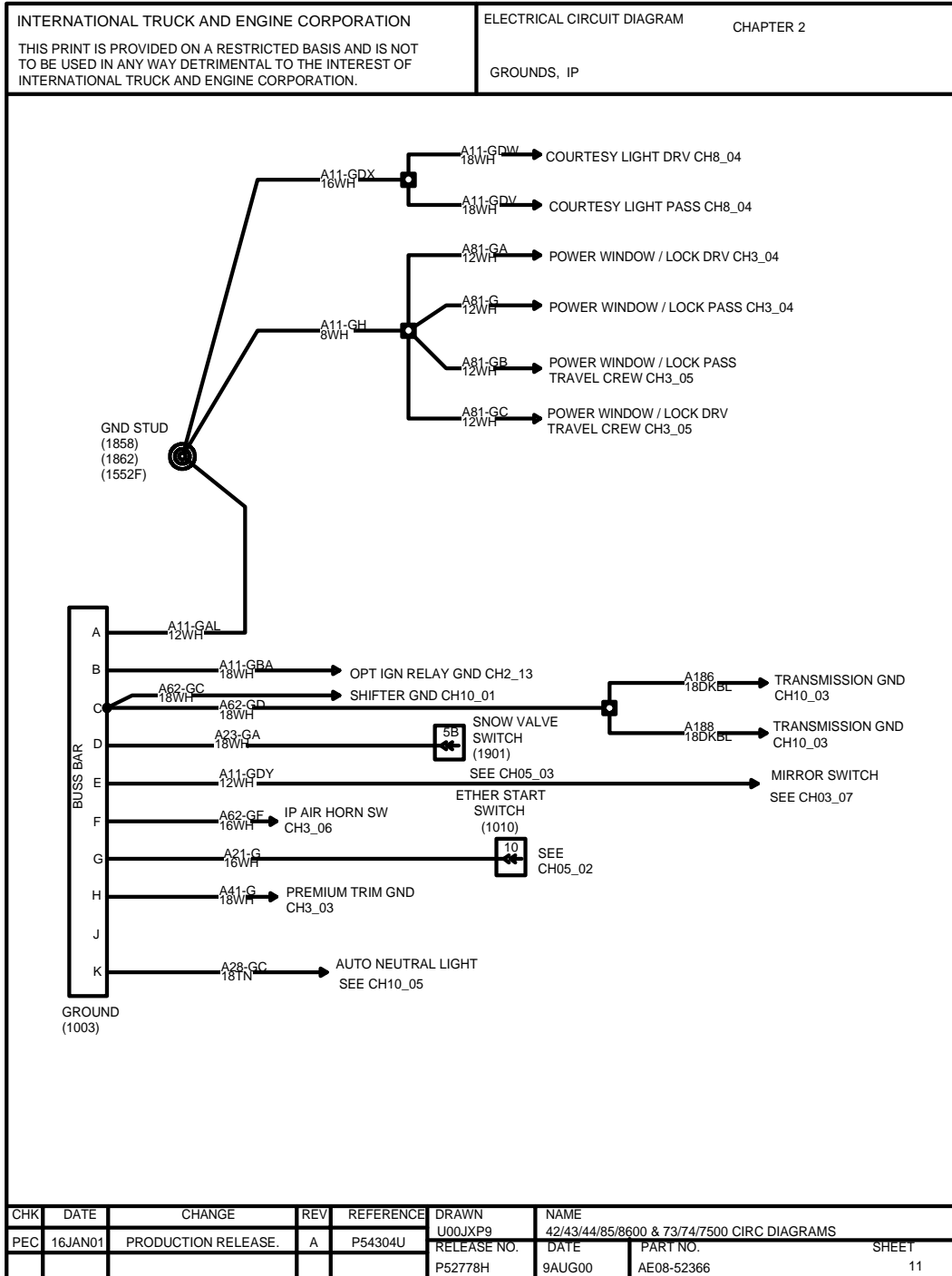


Figure 23 Grounds IP

2.12. IGNITION CAB, P. 12

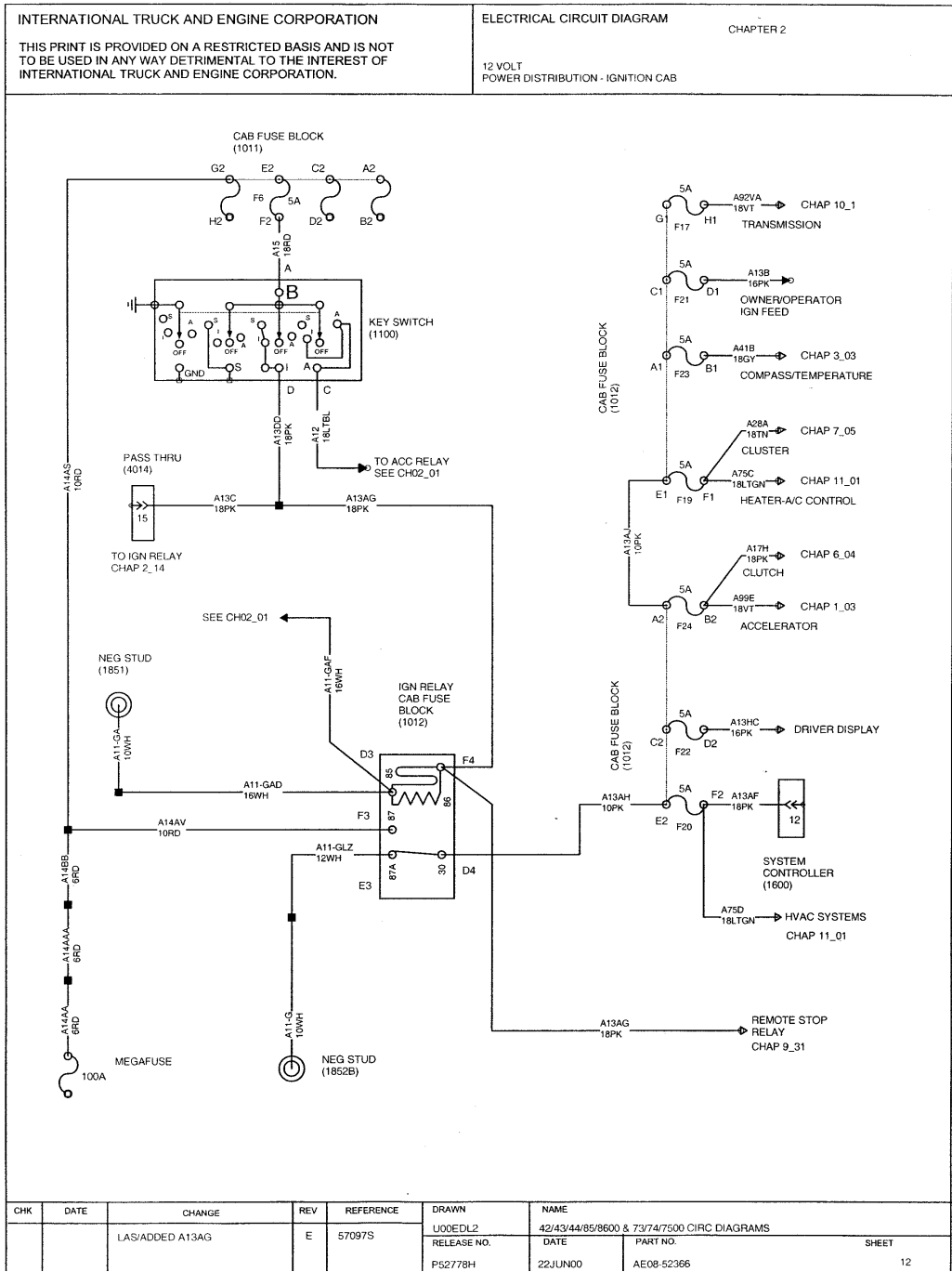


Figure 24 Ignition Cab

2.13. IGNITION CAB, P. 13

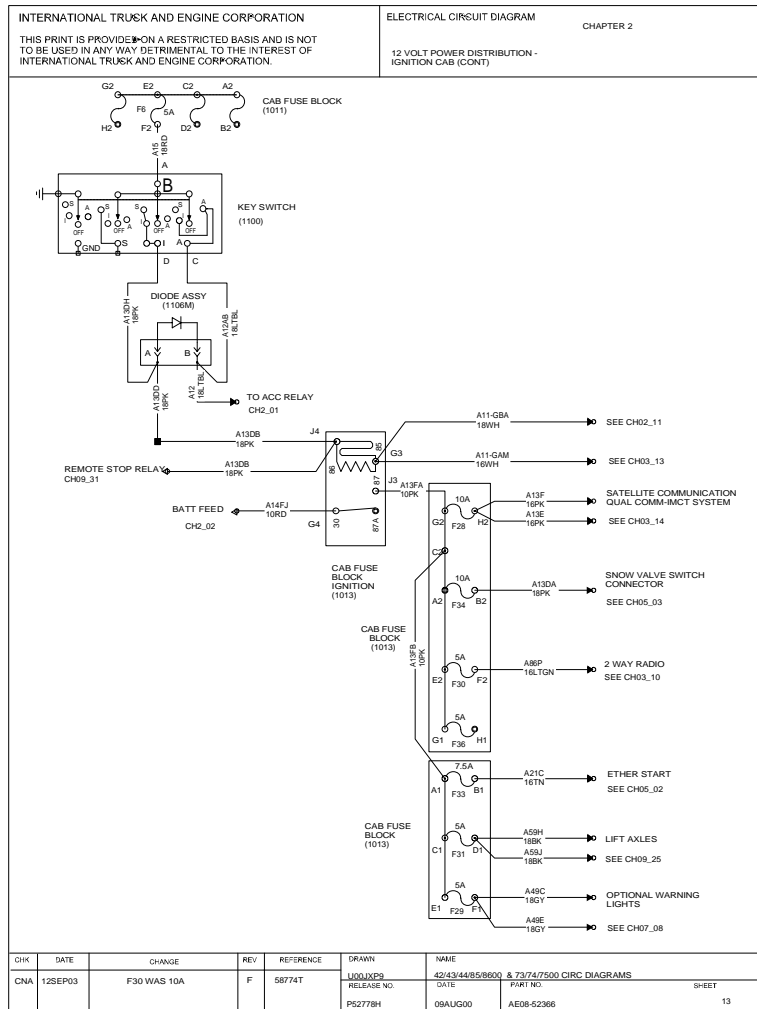


Figure 25 Ignition Cab (Cont.)

2.14. IGNITION FEEDS, CHASSIS, P. 14

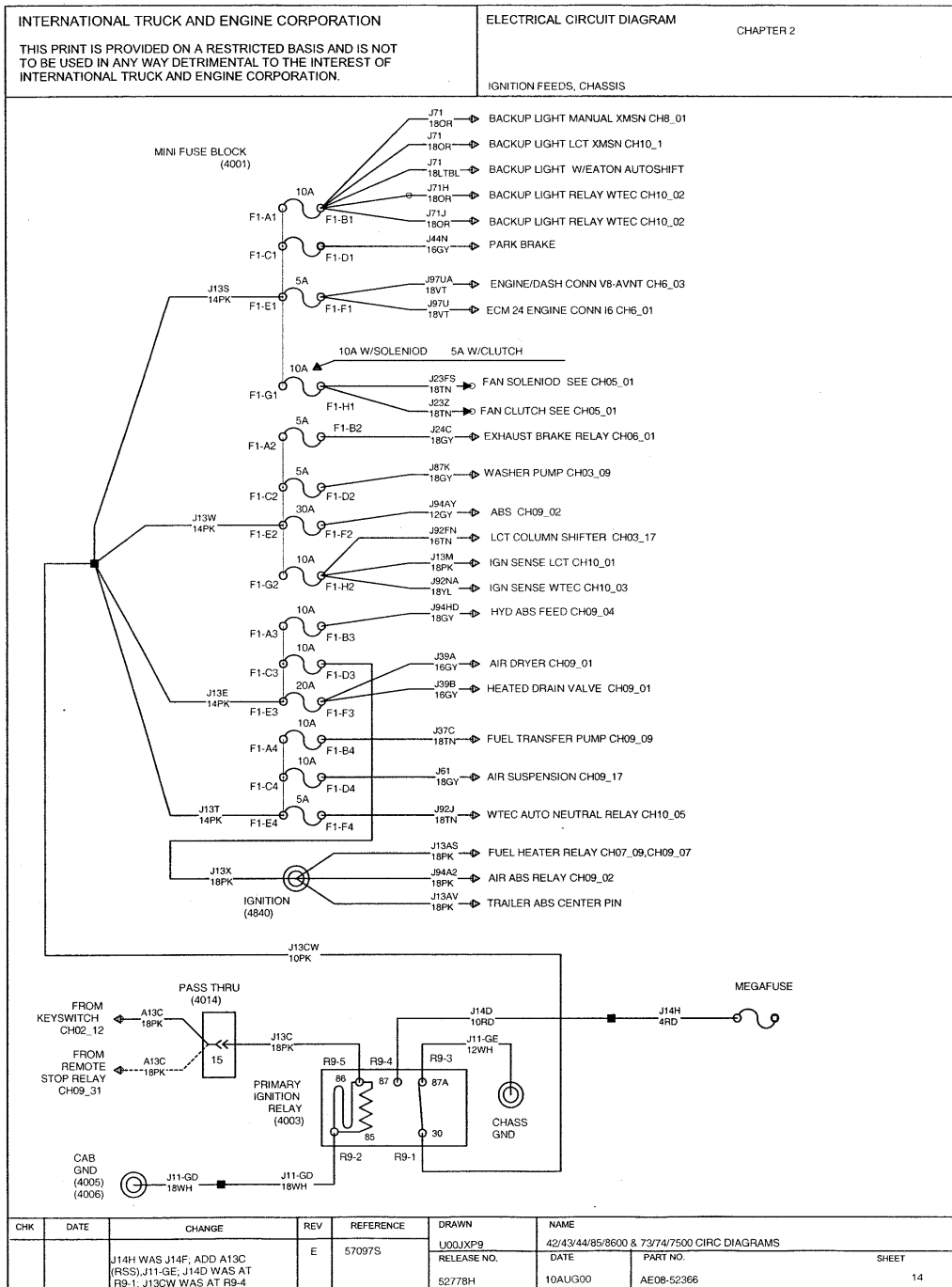


Figure 26 Ignition Feeds, Chassis

2.15. START, P. 15

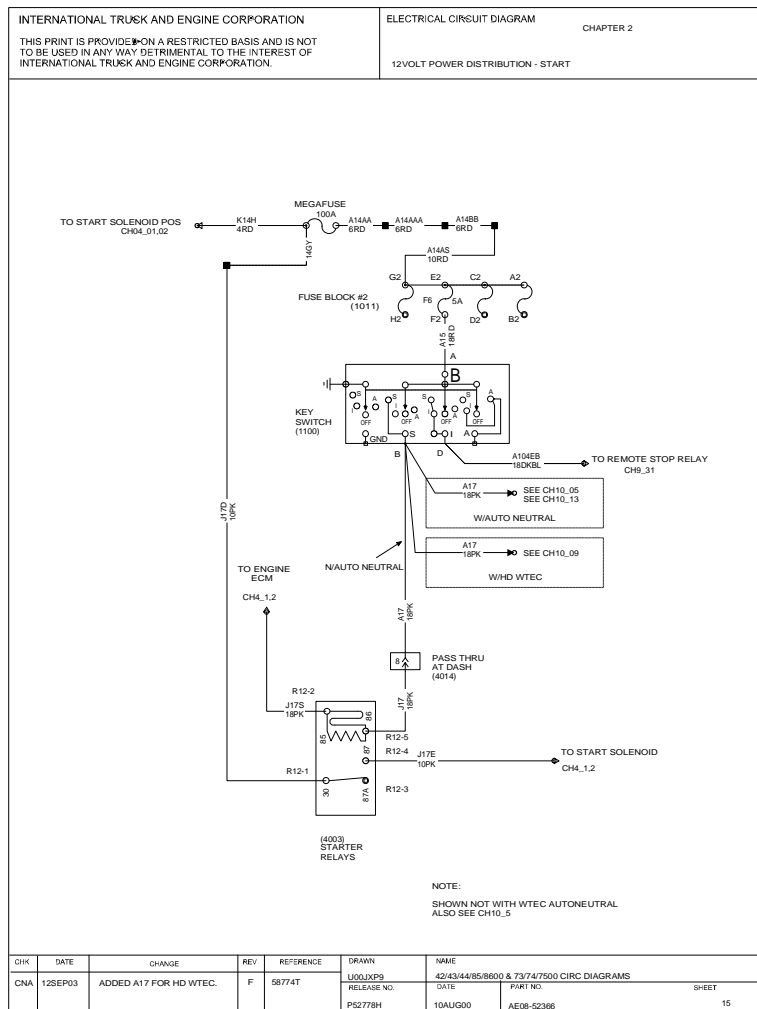


Figure 27 Start

3. CAB ACCESSORIES (CHAPTER 3)

3.1. CIGAR LIGHTER AND POWER FEEDS, P. 1

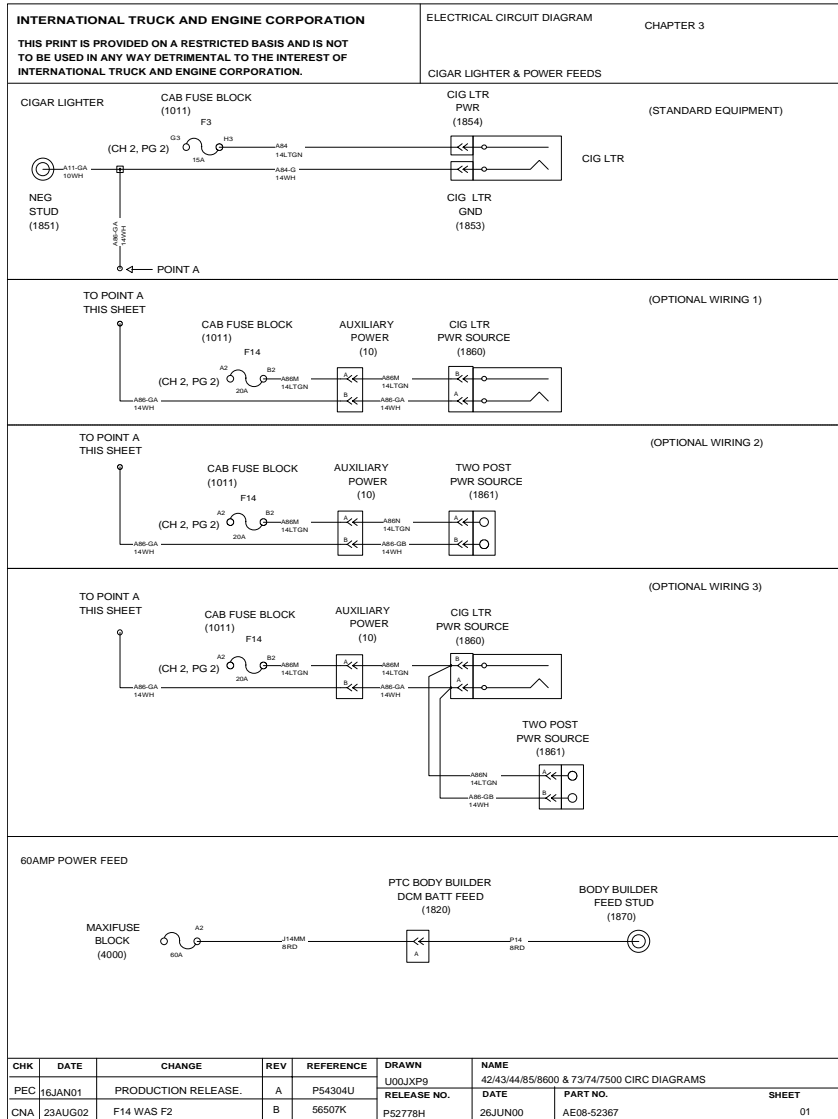


Figure 28 Cigar Lighter and Power Feeds

3.2. CB POWER, P. 2

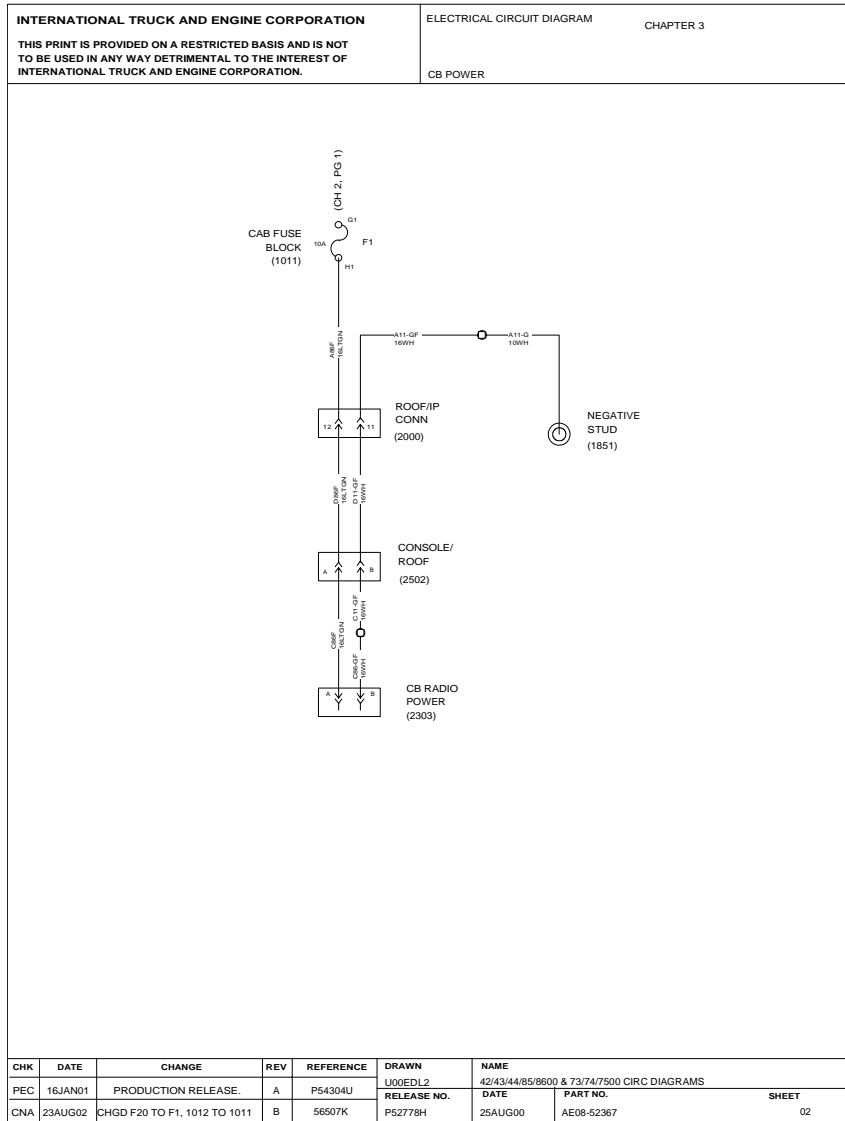


Figure 29 CB Power

3.3. COMPASS AND TEMPERATURE DISPLAY, P. 3

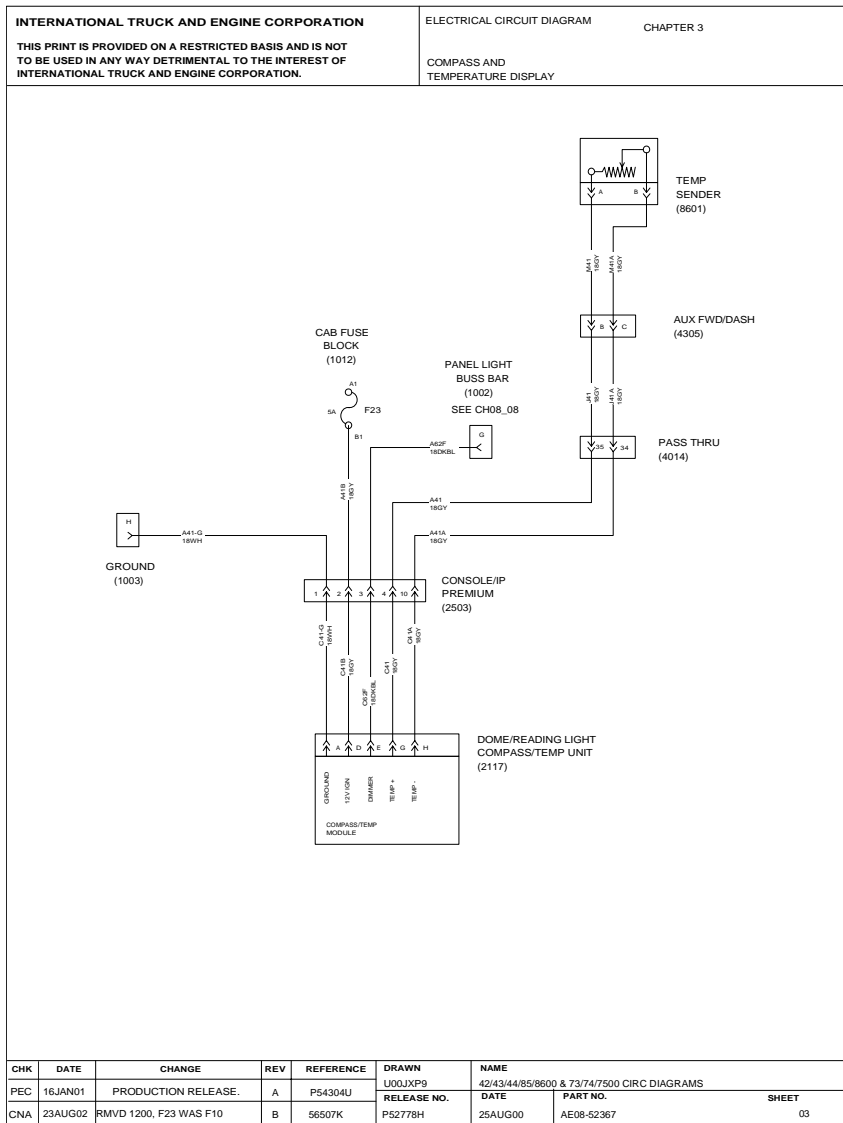


Figure 30 Compass and Temperature Display

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

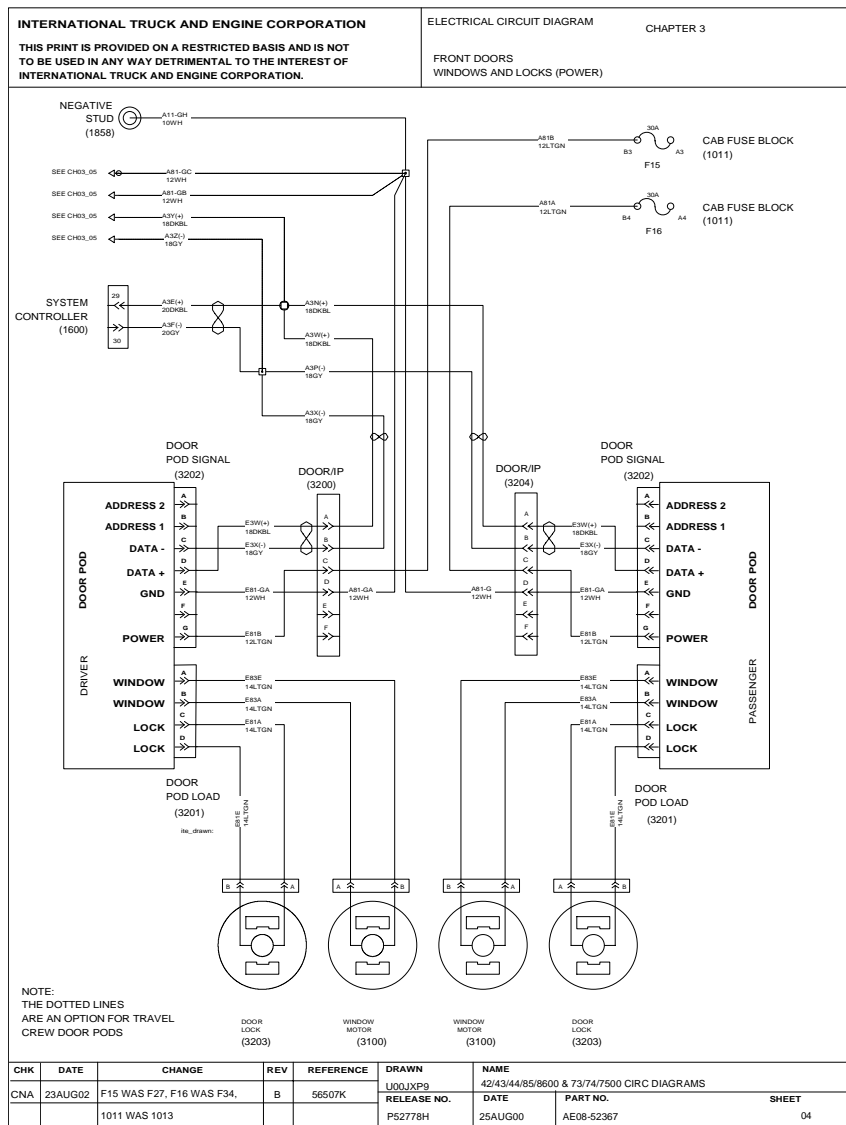


Figure 31 Front Doors Windows and Locks (Power)

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

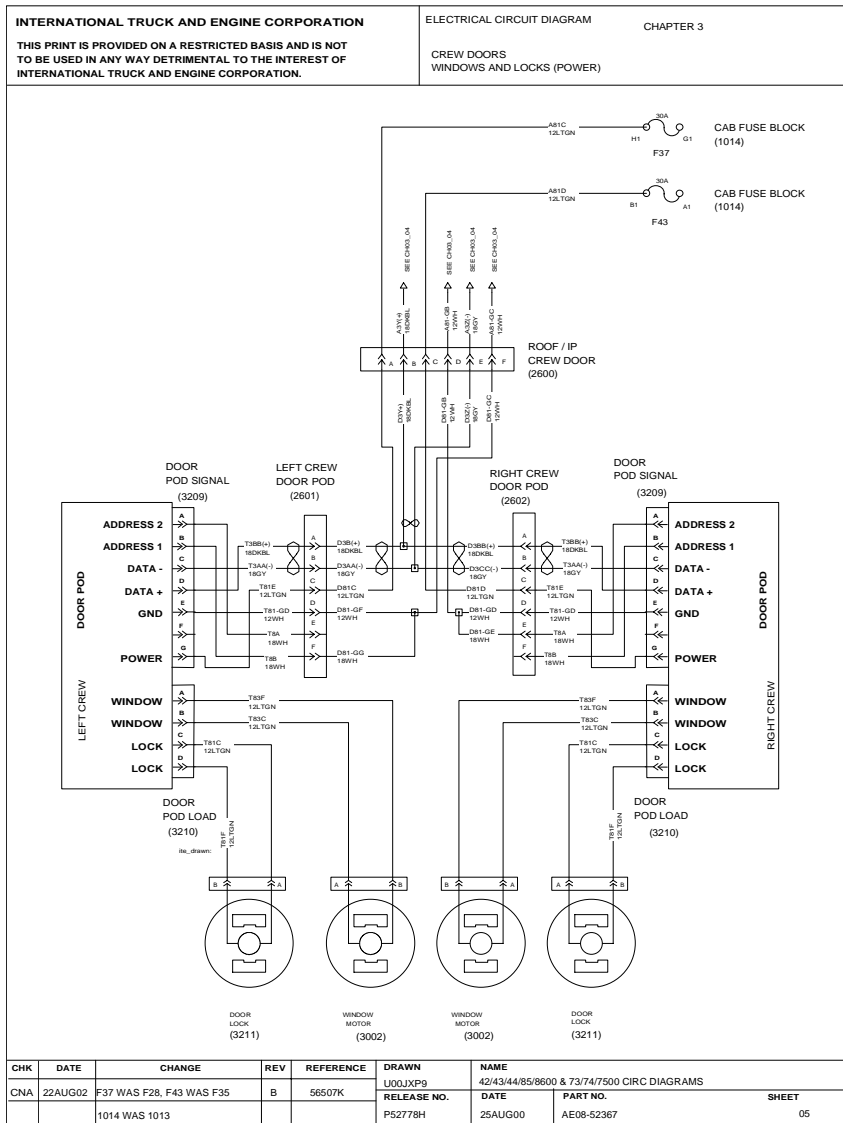


Figure 32 Crew Doors Windows and Locks (Power)

3.6. HORN, DUAL ELECTRIC, P. 6

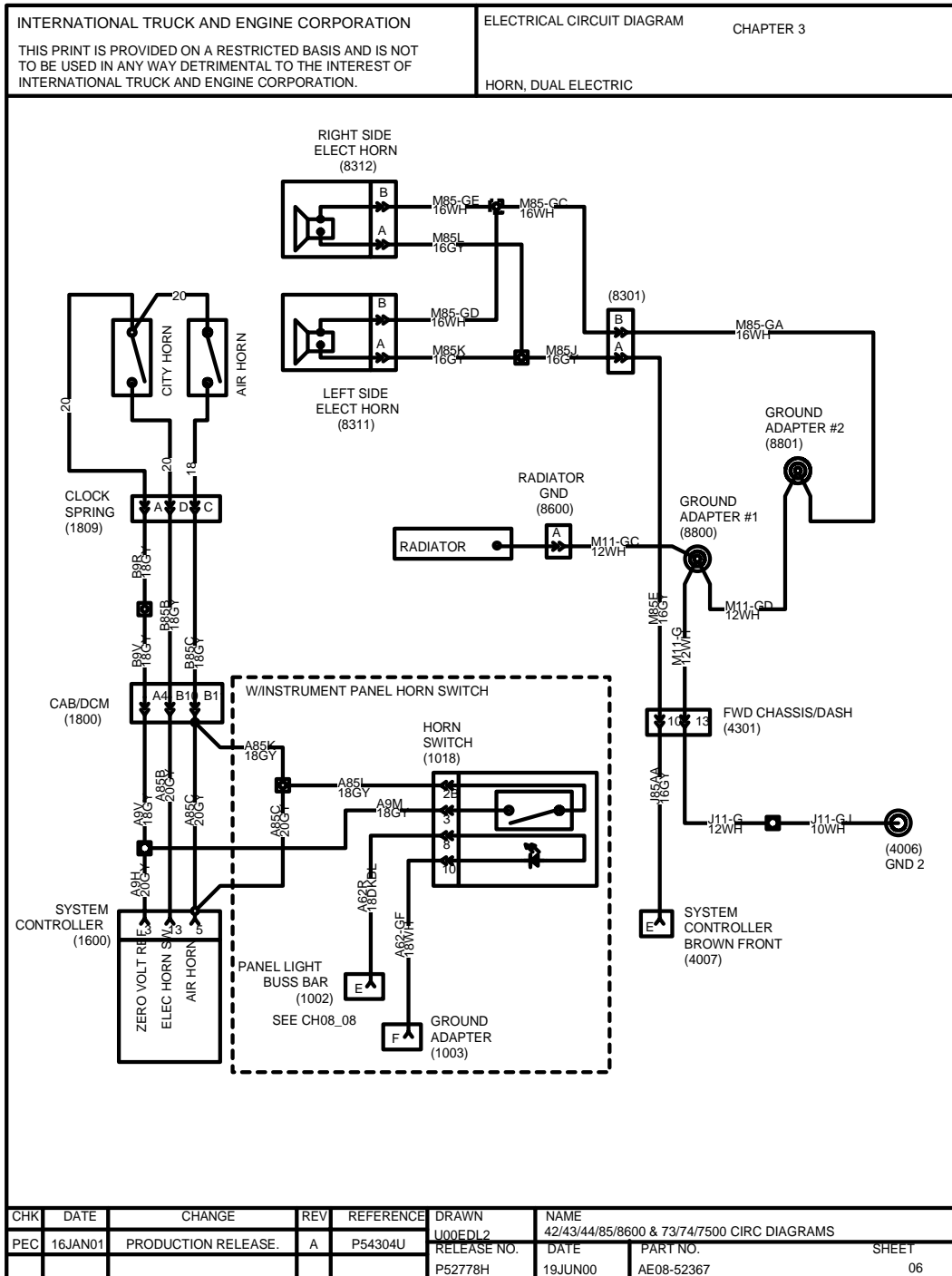


Figure 33 Horn, Dual Electric

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

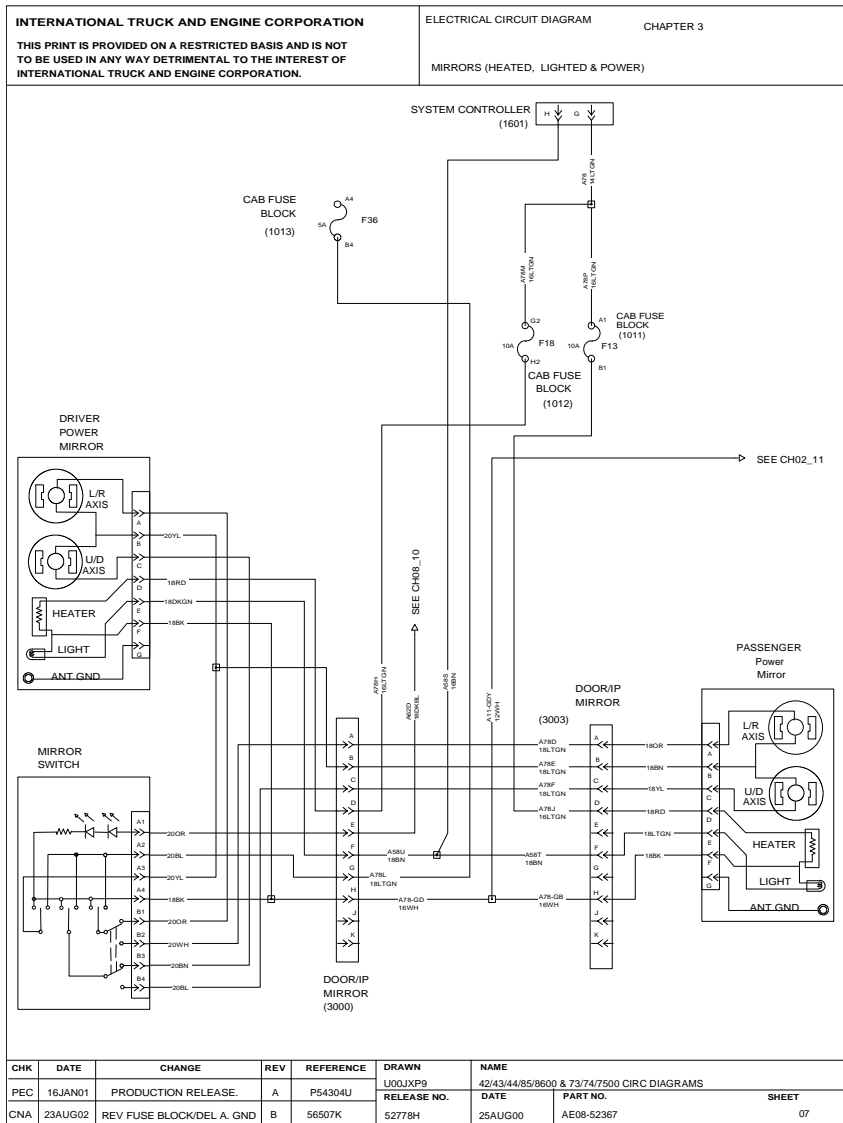


Figure 34 Mirrors (Heated, Lighted and Power)

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

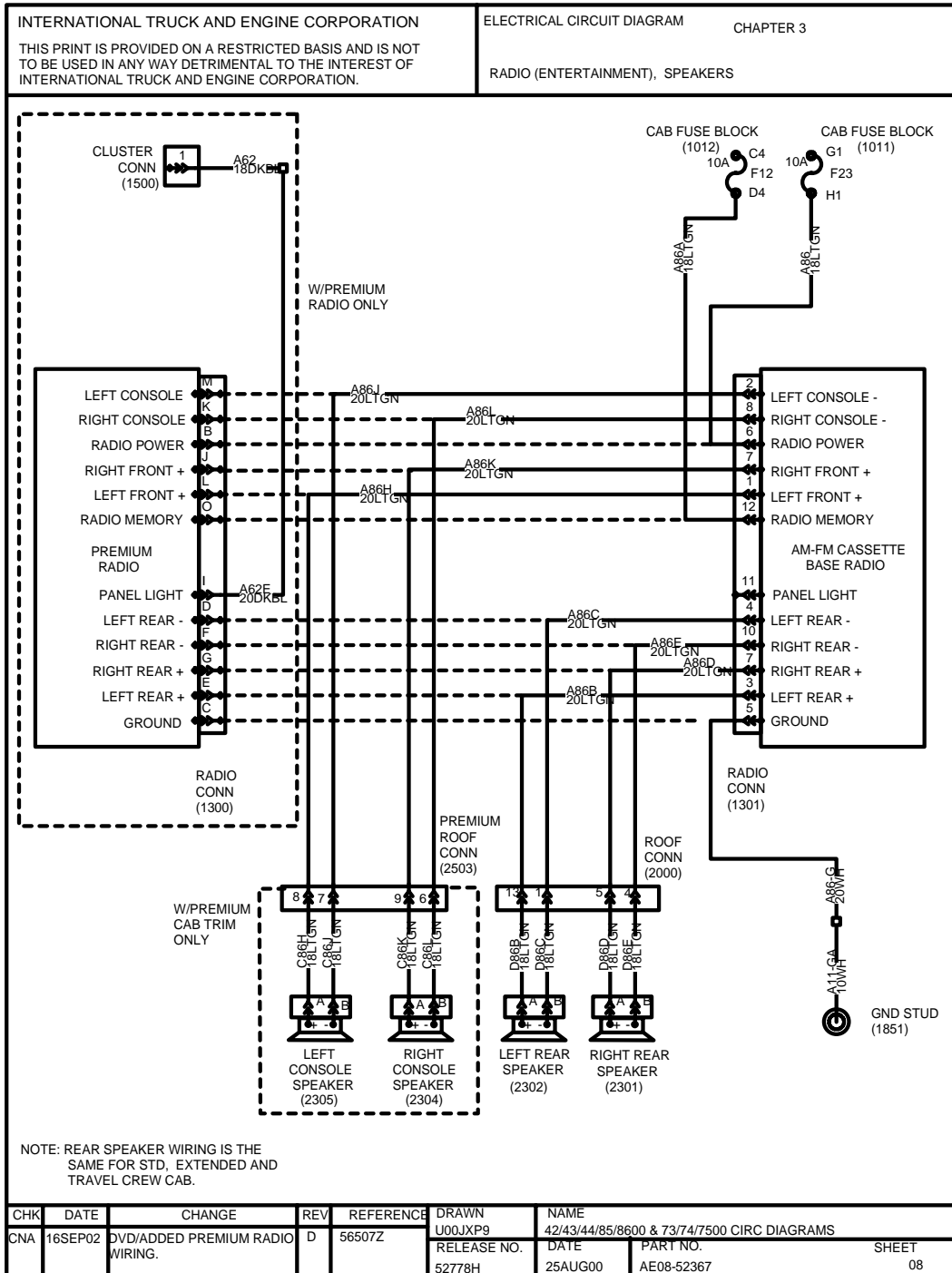


Figure 35 Radio (Entertainment), Speakers

3.9. WINDSHIELD WIPER AND WASHER PUMP, P. 9

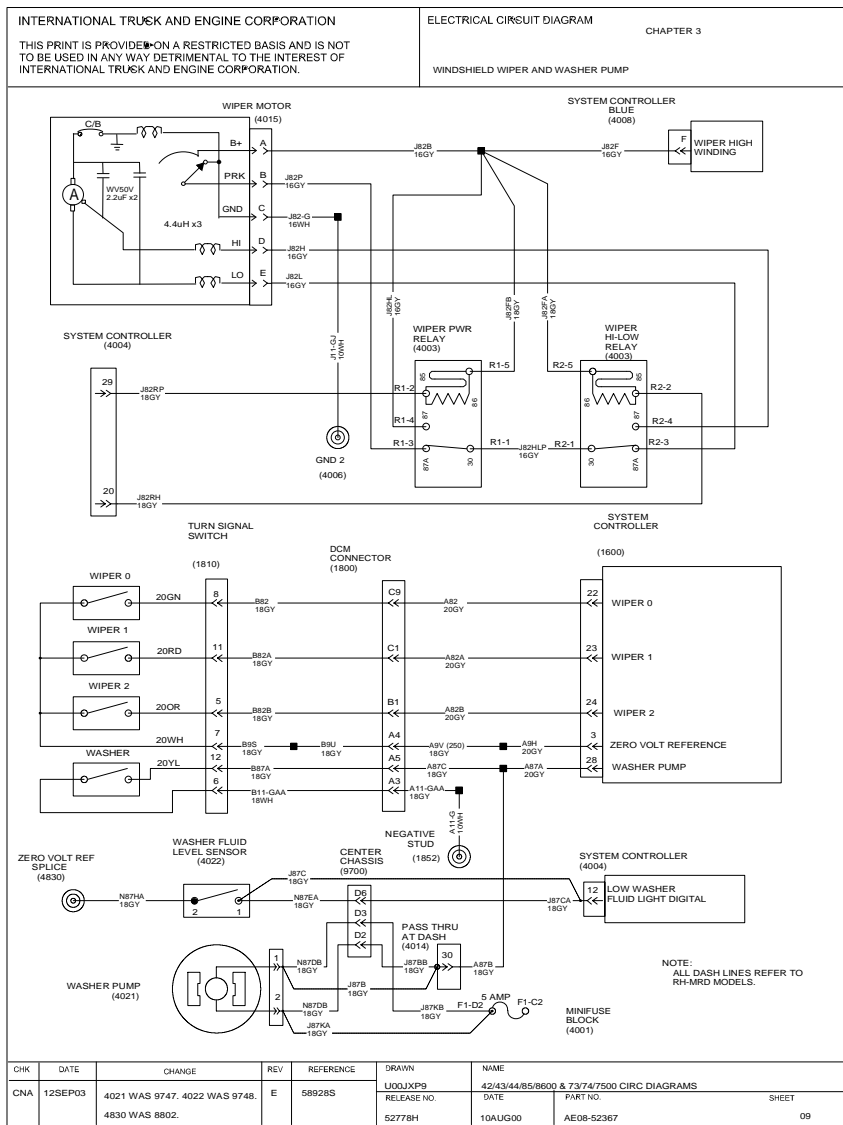


Figure 36 Windshield Wiper and Washer Pump

3.10. 2-WAY RADIO, P. 10

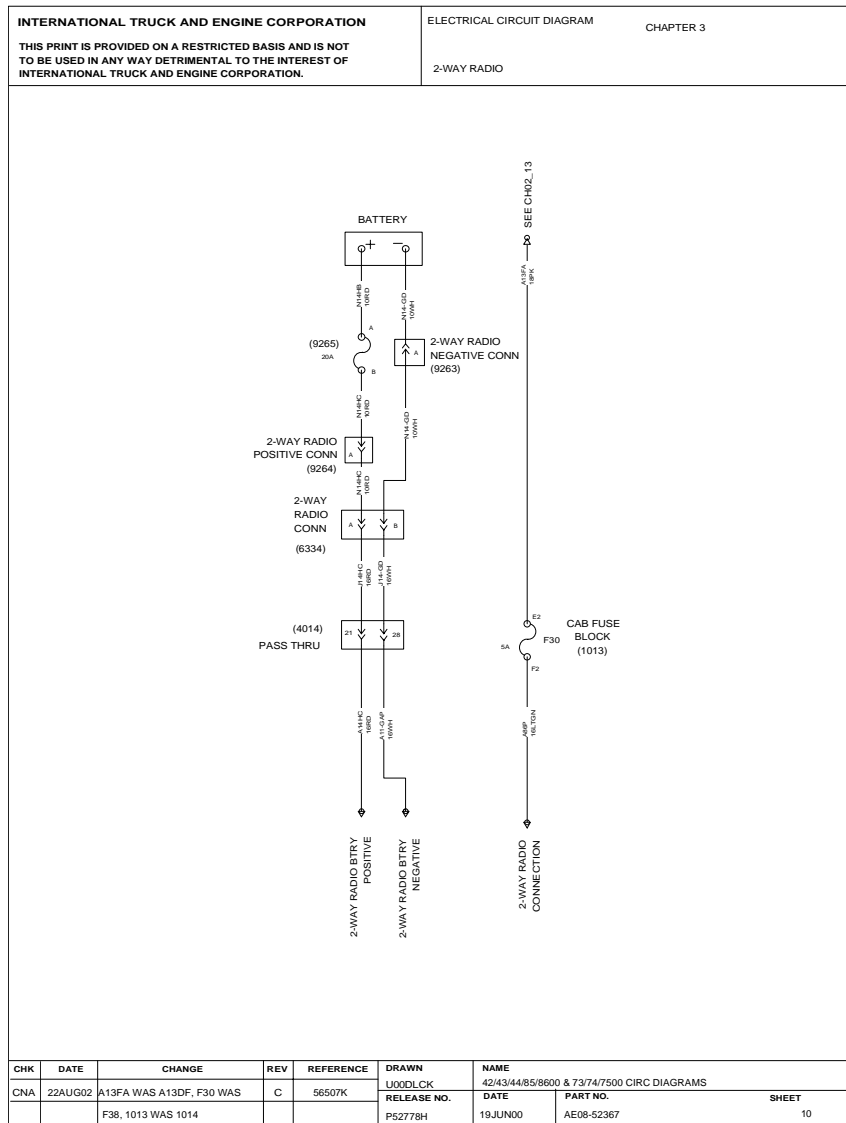


Figure 37 2-Way Radio

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

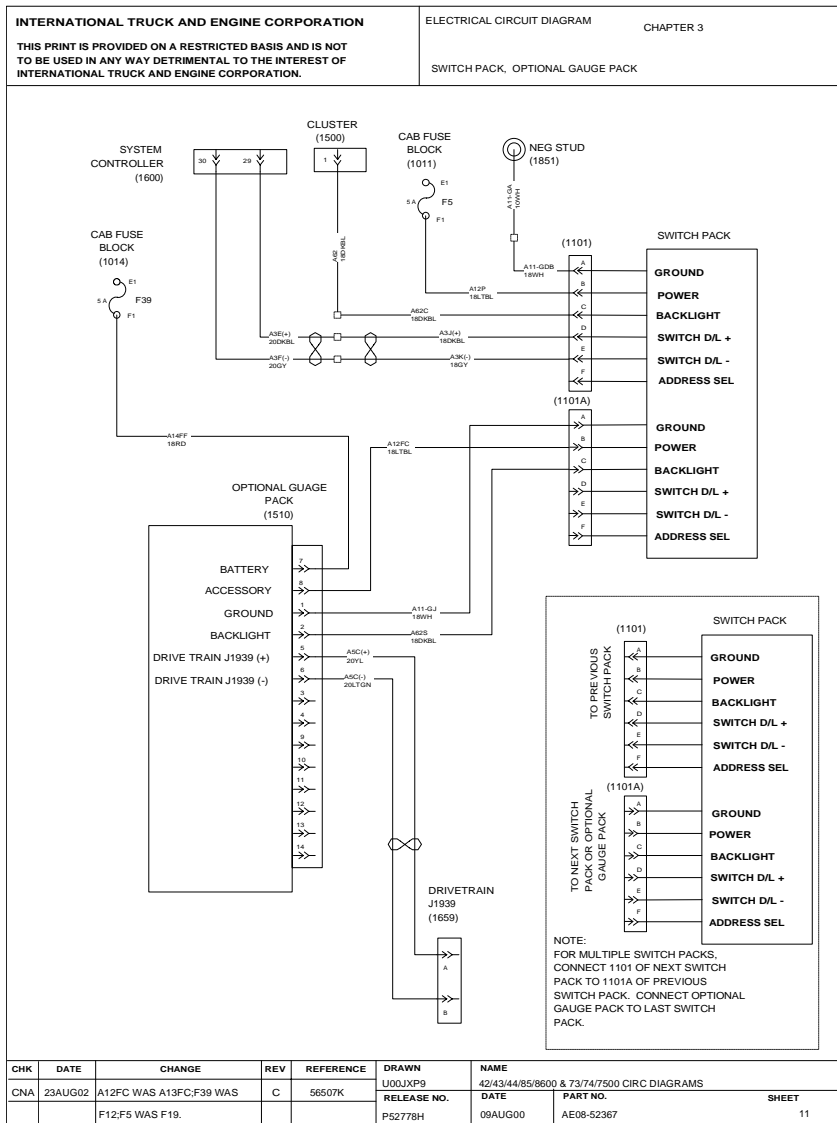


Figure 38 Switch Pack, Optional Gauge Pack

3.12. LIGHTED AIR SHIELD, P. 12

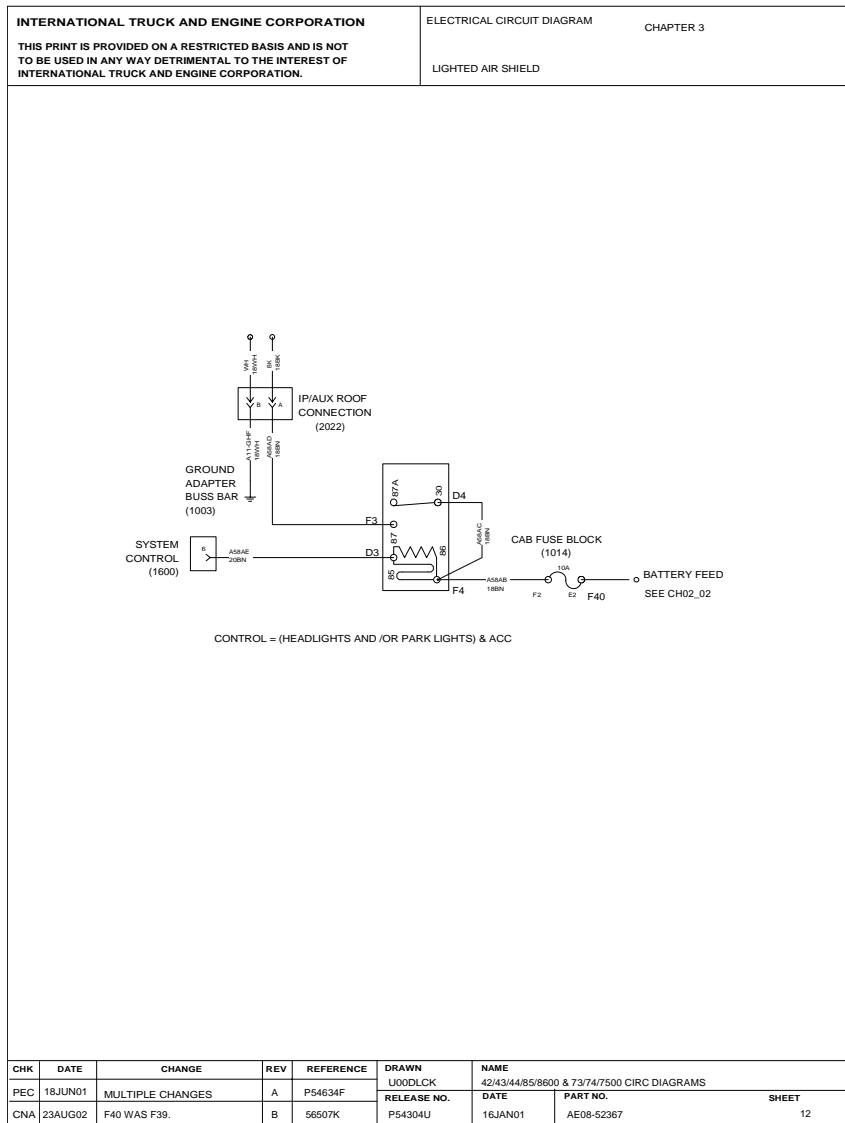


Figure 39 Lighted Air Shield

3.13. ROOF AUX. LOAD, P. 13

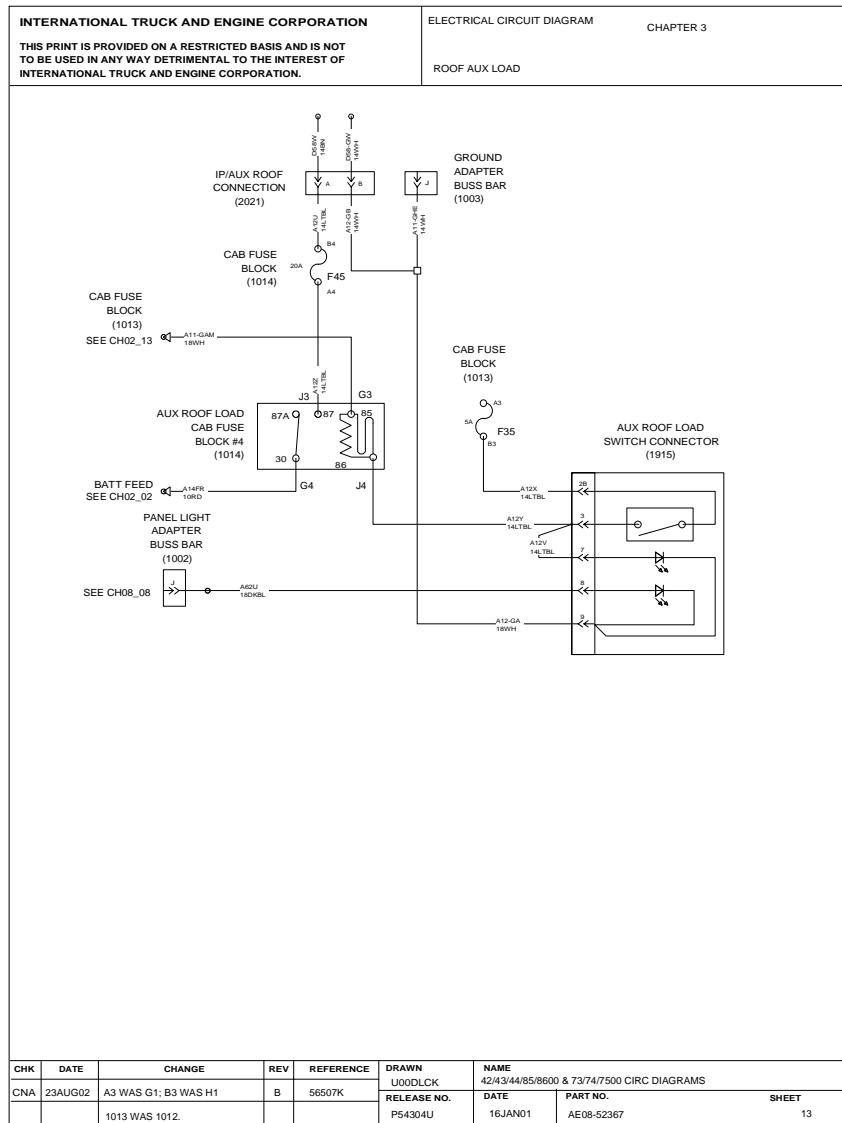


Figure 40 Roof Aux. Load

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

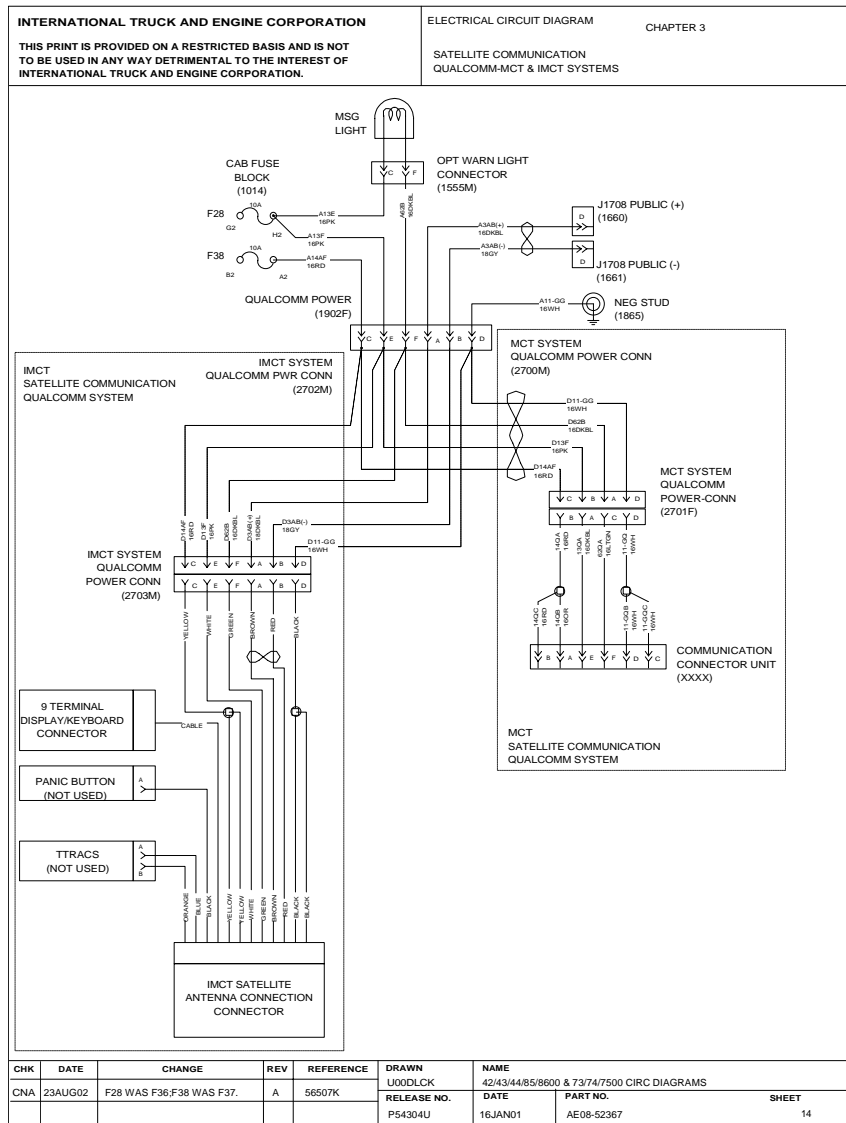


Figure 41 Satellite Communication Qualcomm-MCT and IMCT Systems

3.15. SELF CONTAINED AIR SEAT, P. 15

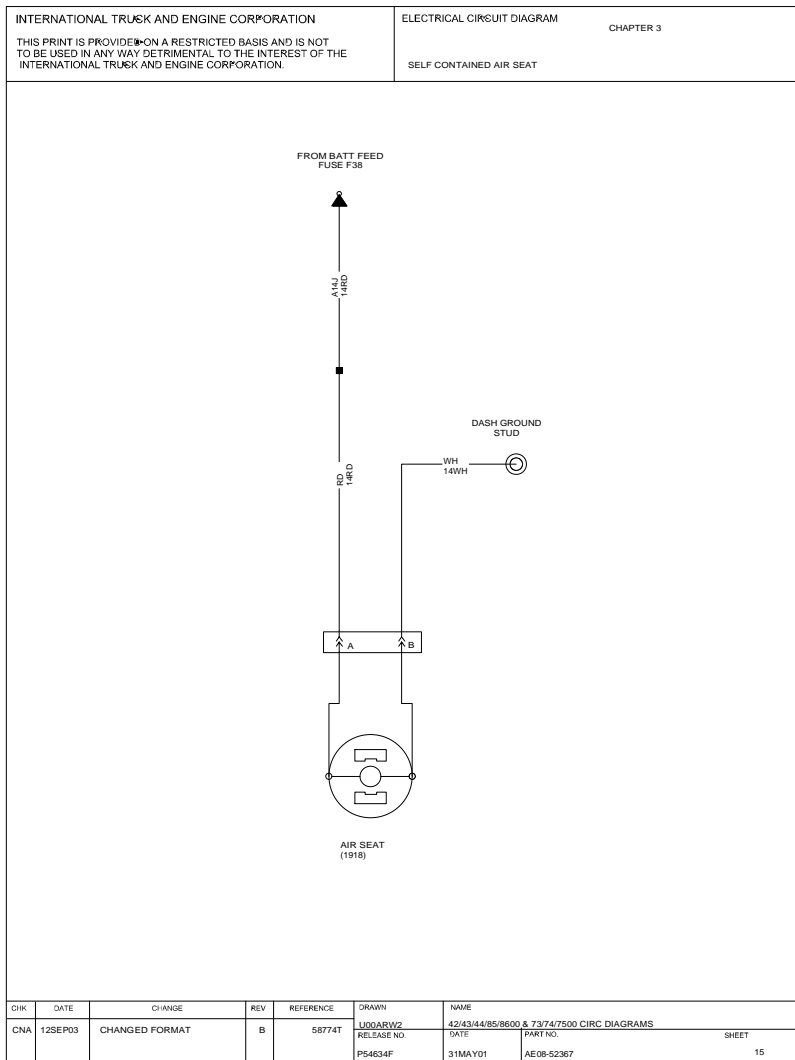


Figure 42 Self Contained Air Seat

3.16. DIGITAL CLOCK PTC, P. 16

| | | | | | | | |
|--|---------|----------------|-----|-----------|--|---|-------------|
| 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 THE INTERNATIONAL TRUCK AND ENGINE CORPORATION. | | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 3 DIGITAL CLOCK PTC | | |
| <p>GEOMETRY WAS REMOVED</p> | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | |
| CNA | 12SEP03 | CHANGED FORMAT | B | 58774T | U00DLCK | 42/43/44/85/8600 & 73747500 CIRC DIAGRAMS | |
| | | | | | RELEASE NO. | DATE | PART NO. |
| | | | | | P54834F | 05MAY01 | AE08-52387 |
| | | | | | | | SHEET 16 |

Figure 43 Digital Clock PTC

3.17. TRANSMISSION ALLISON LCT COLUMN SHIFTER, P. 17

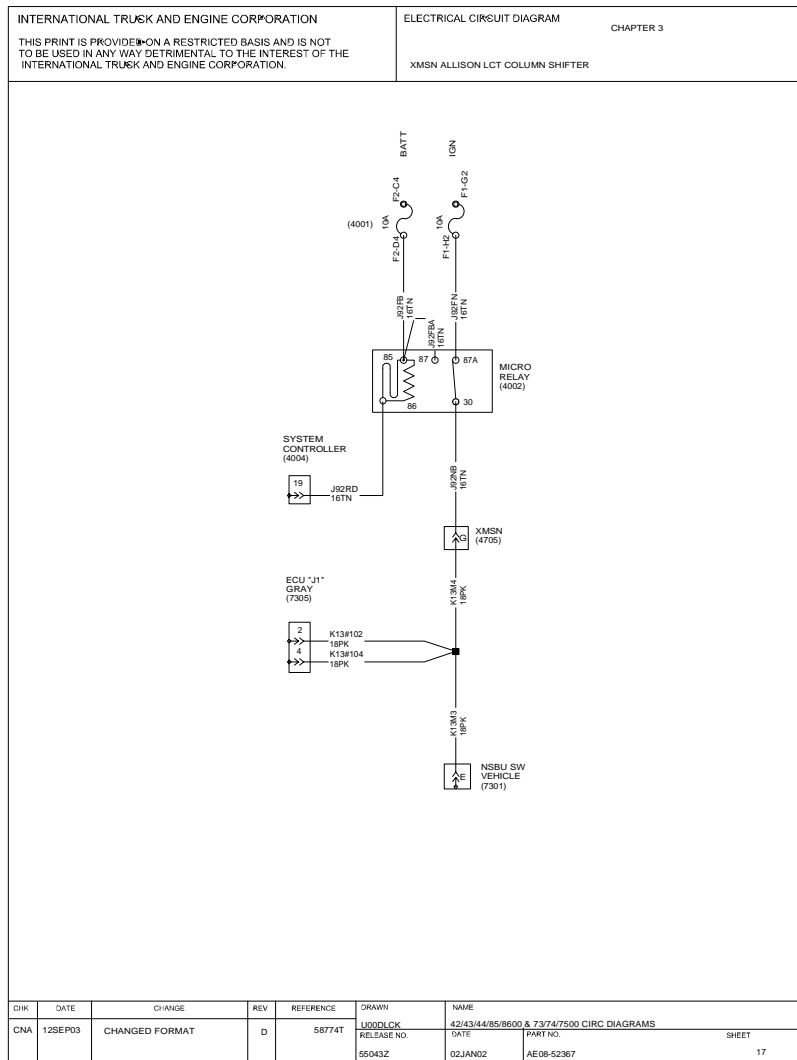
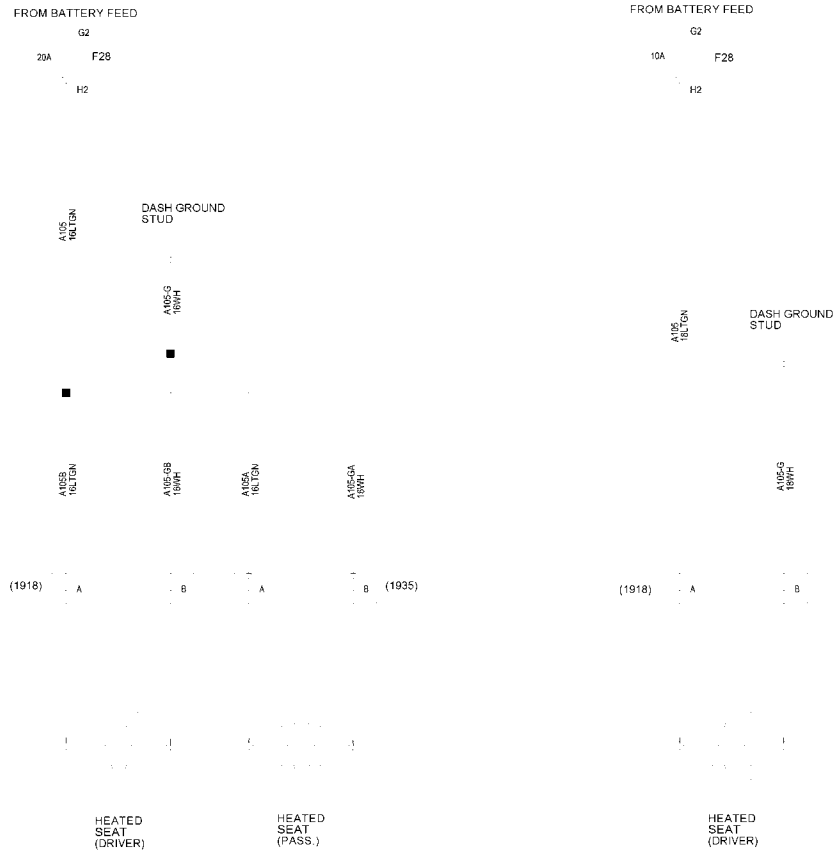


Figure 44 Transmission Allison LCT Column Shifter

3.18. HEATED SEATS FOR 7700 MODELS ONLY, P. 18

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TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE
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ELECTRICAL CIRCUIT DIAGRAM CHAPTER 3
HEATED SEATS FOR 7700 MODELS ONLY



| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME |
|-----|---------|------------------------|-----|-----------|---------|---|
| JKP | 30MAY03 | RELEASE FOR PRODUCTION | | 58205F | UOODLCK | 42/43/44/85/8800 & 73/74/7500 CIRC DIAGRAMS |
| | | | | | 58205F | 28MAY03 AE08-52367 |

Figure 45 Heated Seats for 7700 Models Only

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

4.1. I6 EGR ENGINES, P. 1

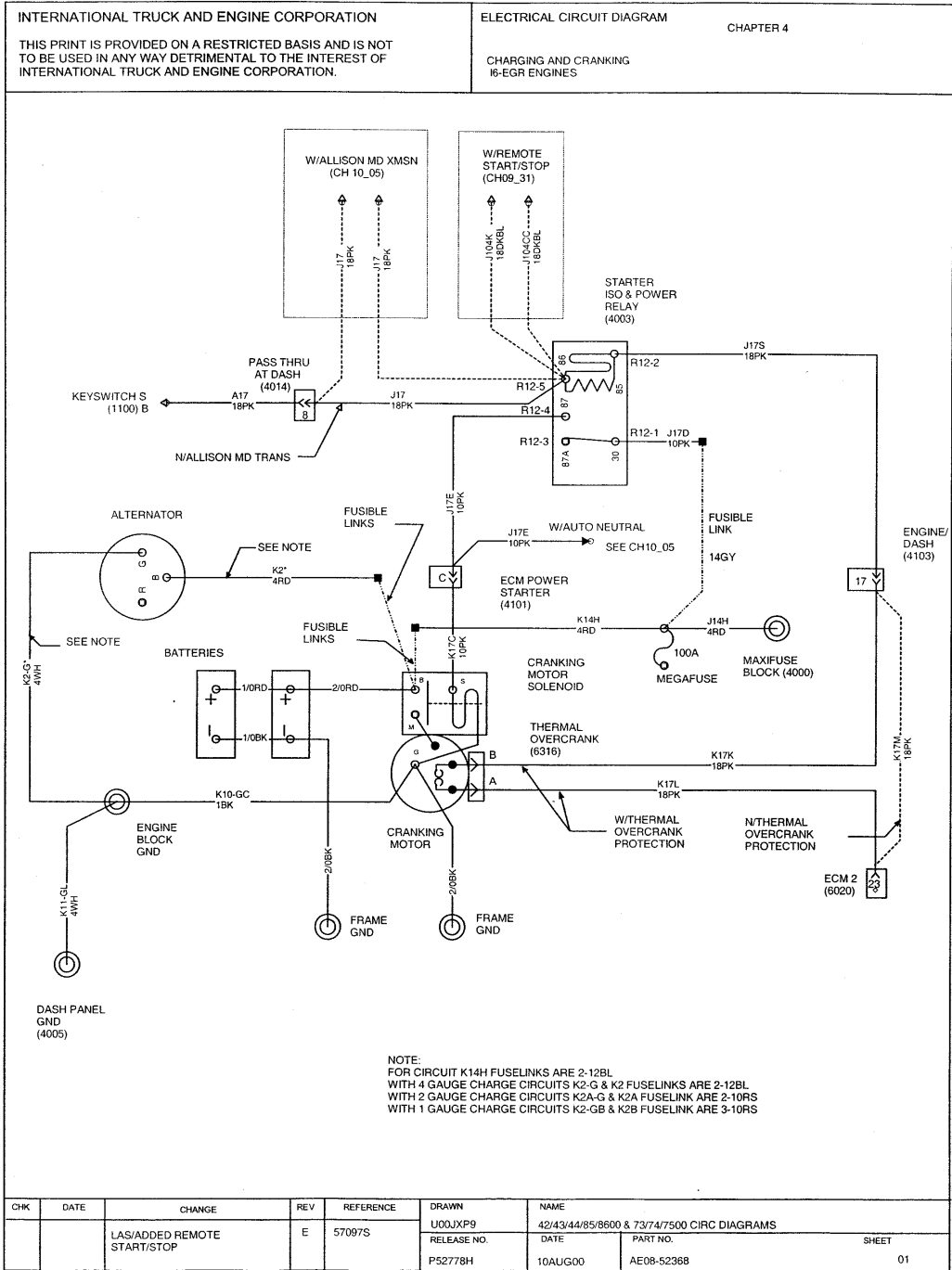


Figure 46 I6 EGR Engines

4.2. V8 AVNT ENGINES, P. 2

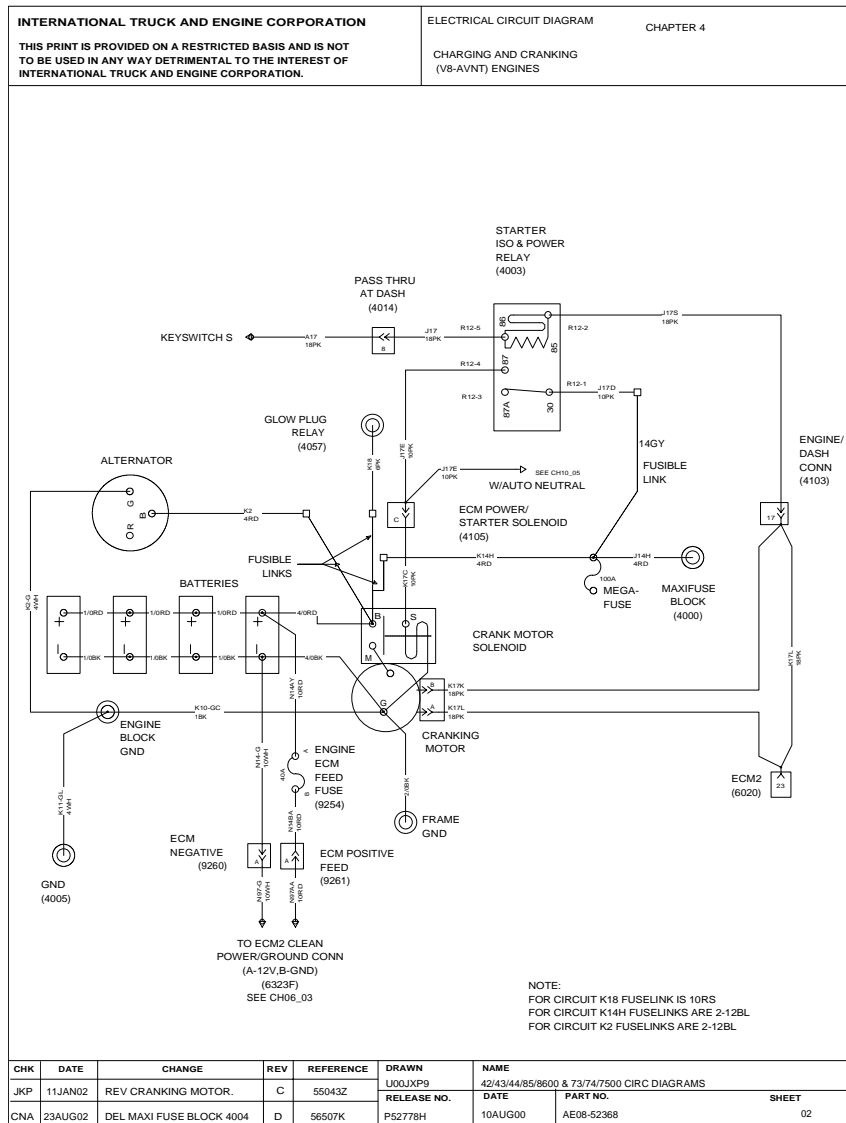


Figure 47 V8 AVNT Engines

4.3. CATERPILLAR, CUMMINS ISM ENGINES, P. 3

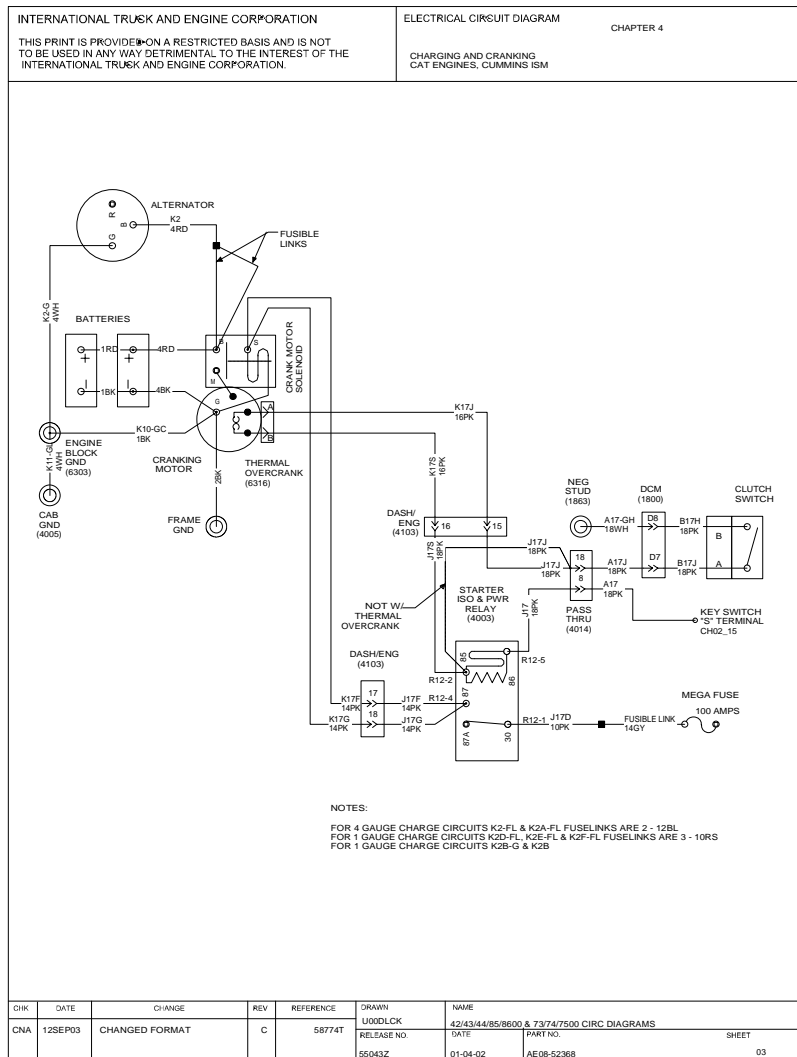


Figure 48 Caterpillar, Cummins ISM Engines

4.4. I6 HEUI ENGINES, P. 4

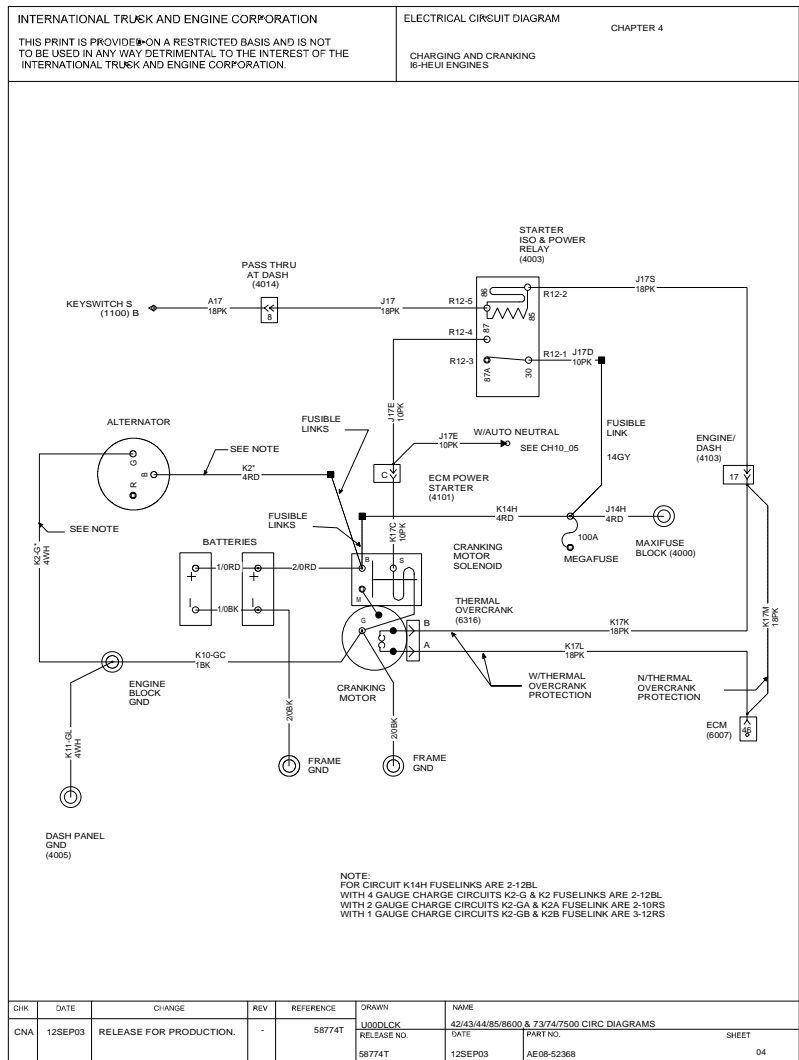


Figure 49 I6 HEUI Engines

5. FANS AND ENGINE ACCESSORIES (CHAPTER 5)

5.1. FAN WIRING, P. 1

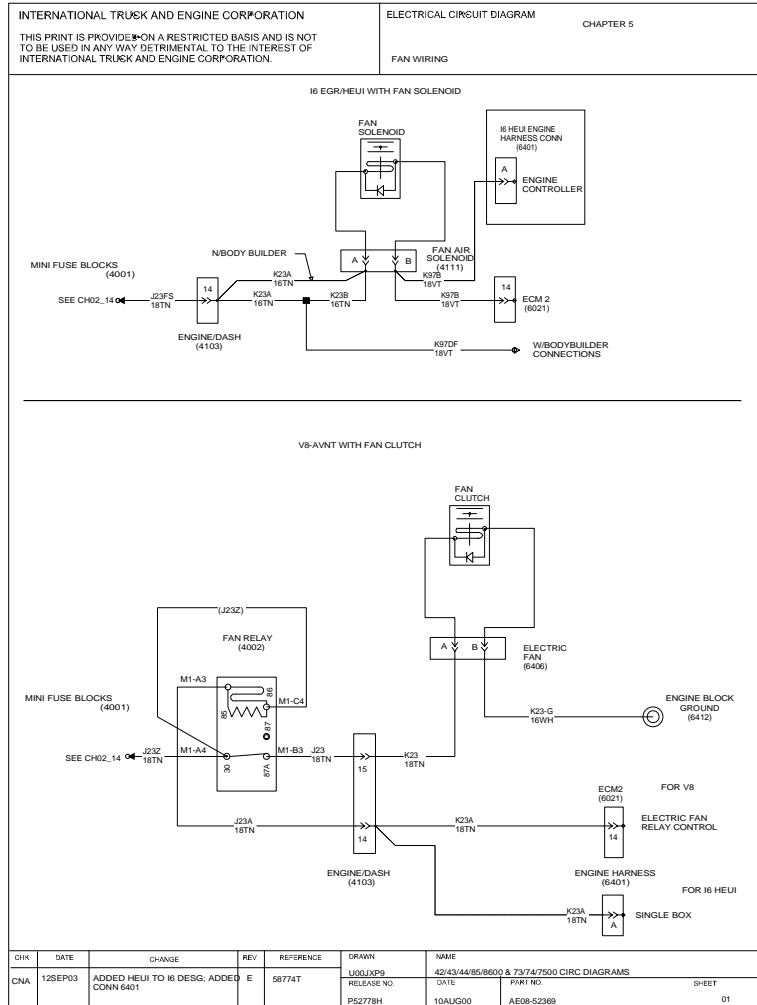


Figure 50 Fan Wiring

5.2. ETHER START, P. 2

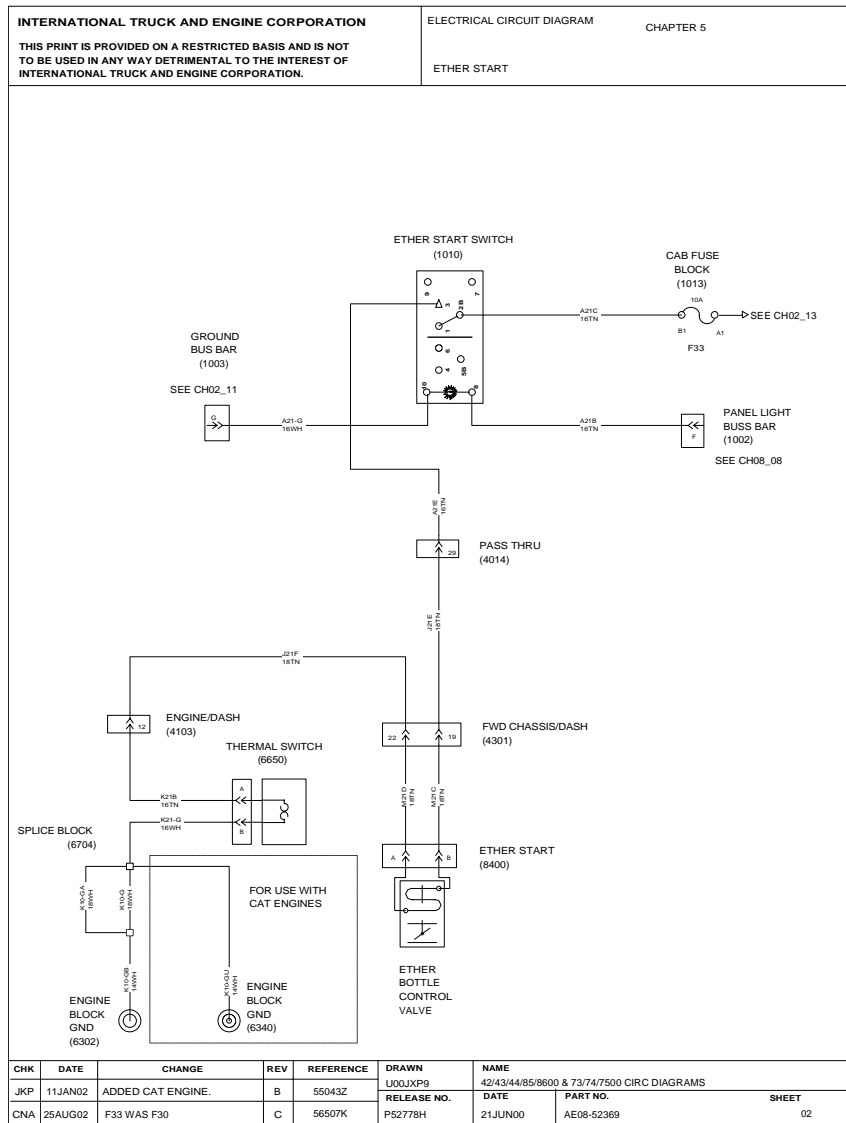


Figure 51 Ether Start

5.3. SNOW VALVE, P. 3

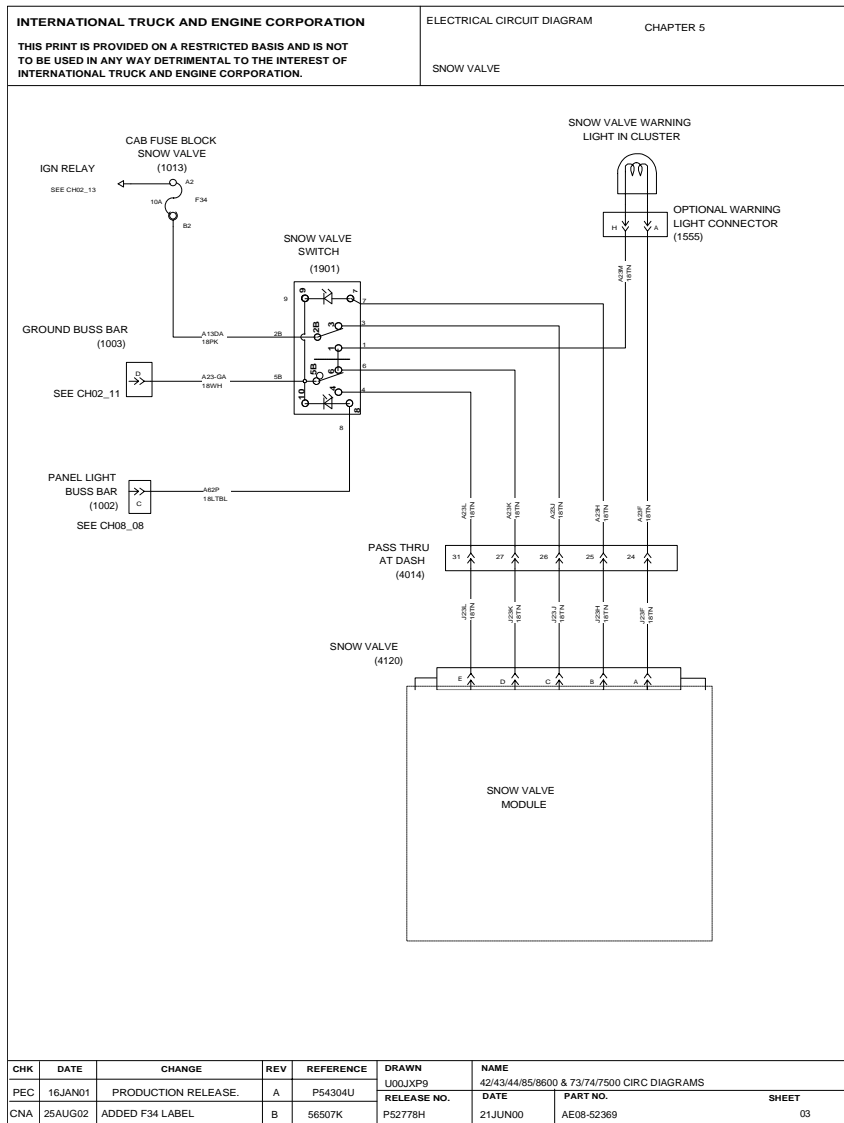


Figure 52 Snow Valve

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

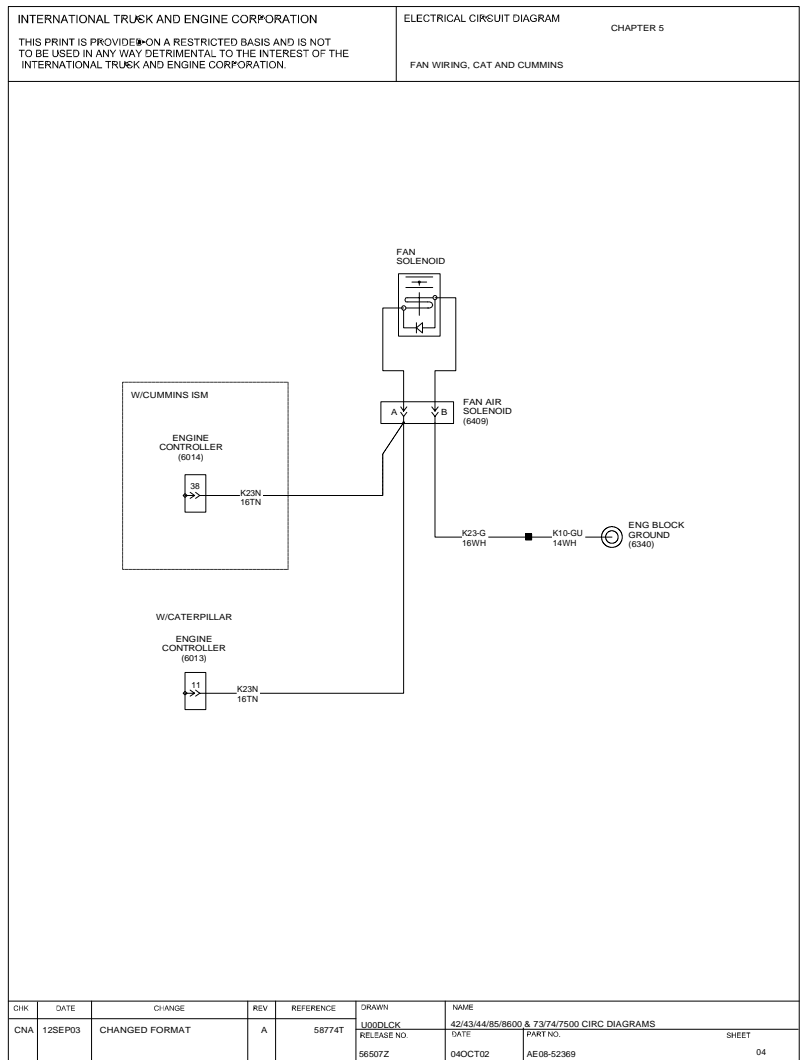


Figure 53 Fan Wiring, Caterpillar and Cummins

6. ELECTRONIC ENGINES (CHAPTER 6)

6.1. ELECTRONIC ENGINE CONTROLS, I6-EGR ENGINES, P. 1

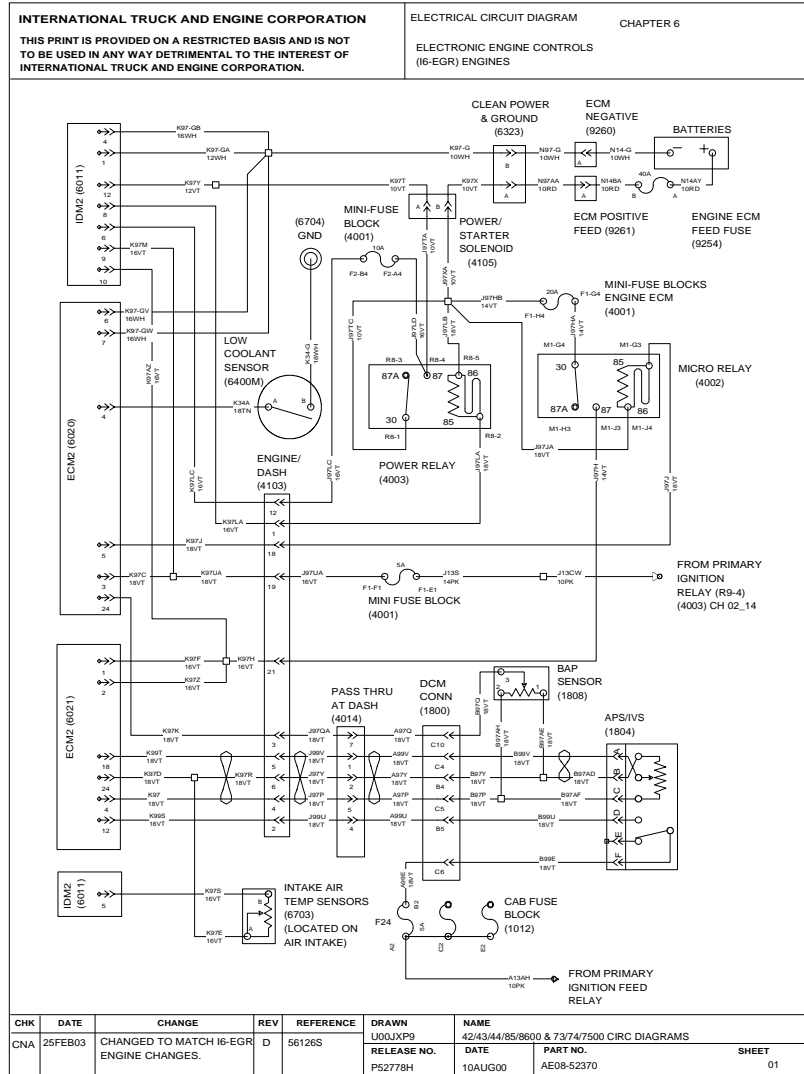


Figure 54 Electronic Engine Controls, I6-EGR Engines

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

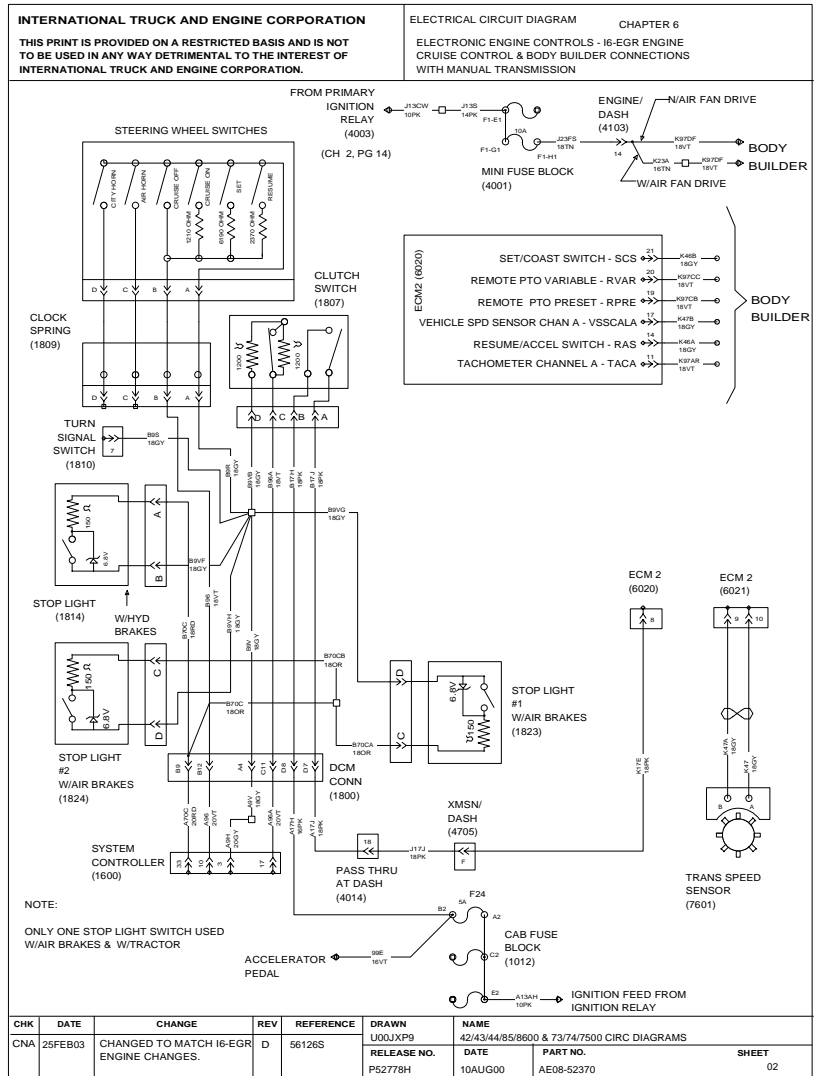


Figure 55 Electronic Engine Controls, I6-EGR Engine Cruise Control and Body Builder Connections

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

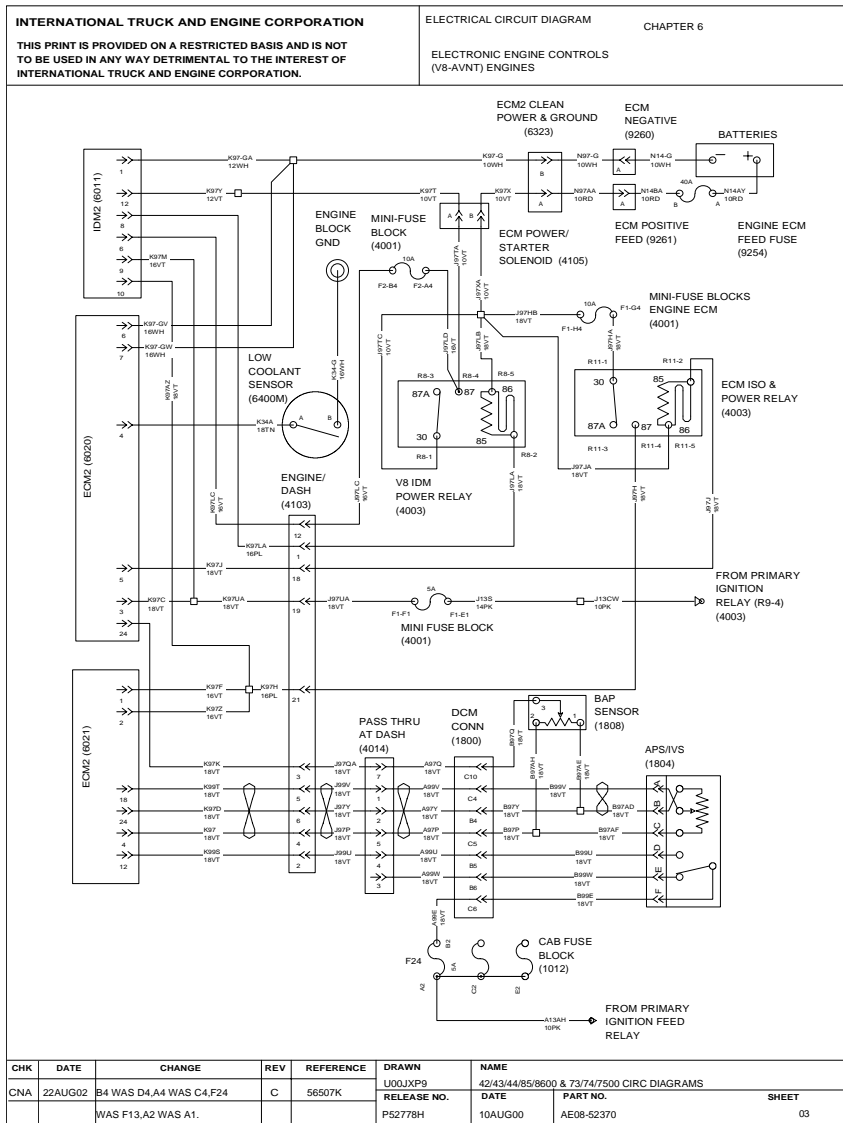


Figure 56 Electronic Engine Controls, (V8-AVNT) Engines

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

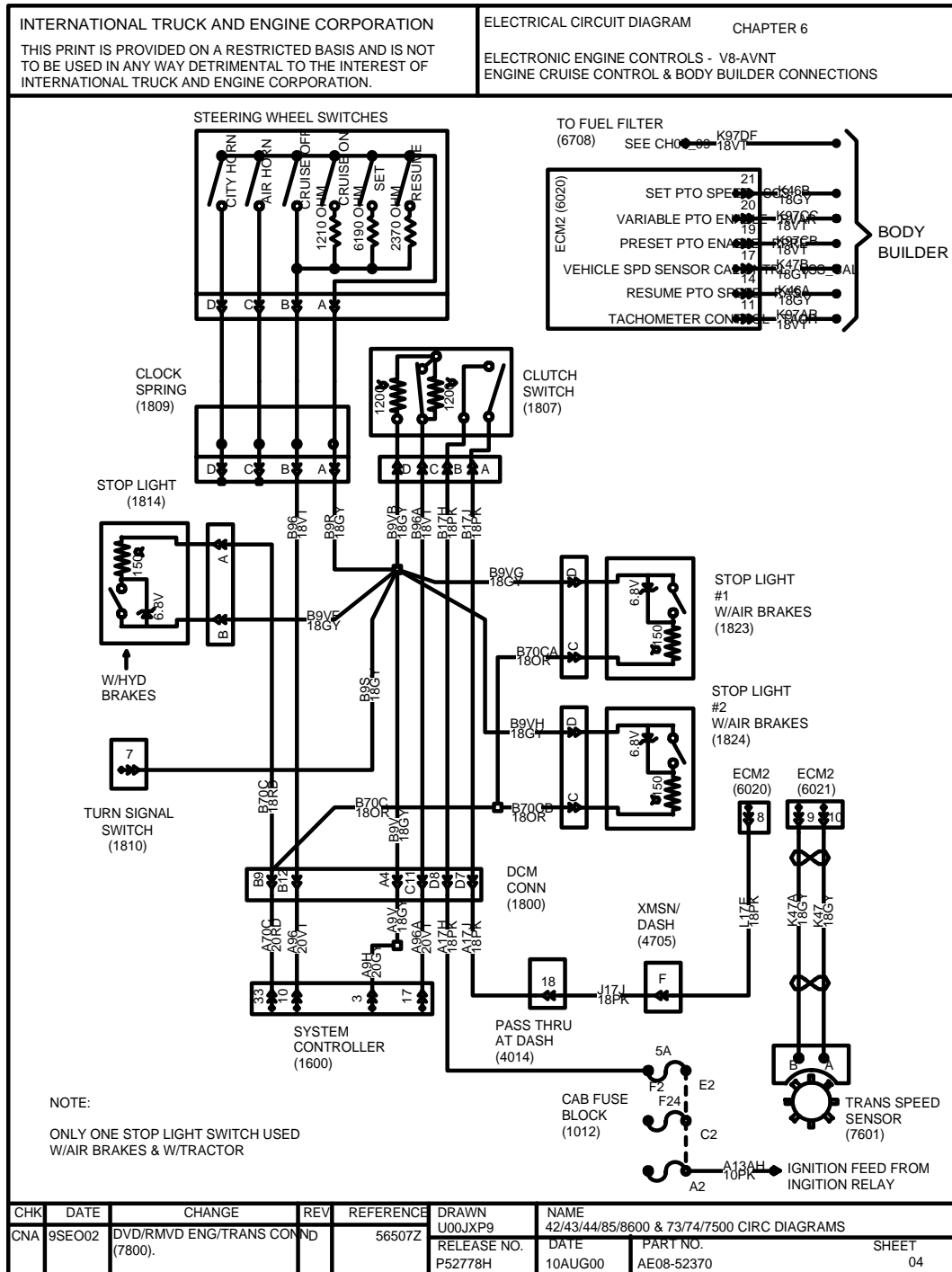


Figure 57 Electronic Engine Controls, V8-AVNT Engine Cruise Control and Body Builder Connections

6.5. CATERPILLAR C10, C11, C12, AND C13 ENGINES, P. 5

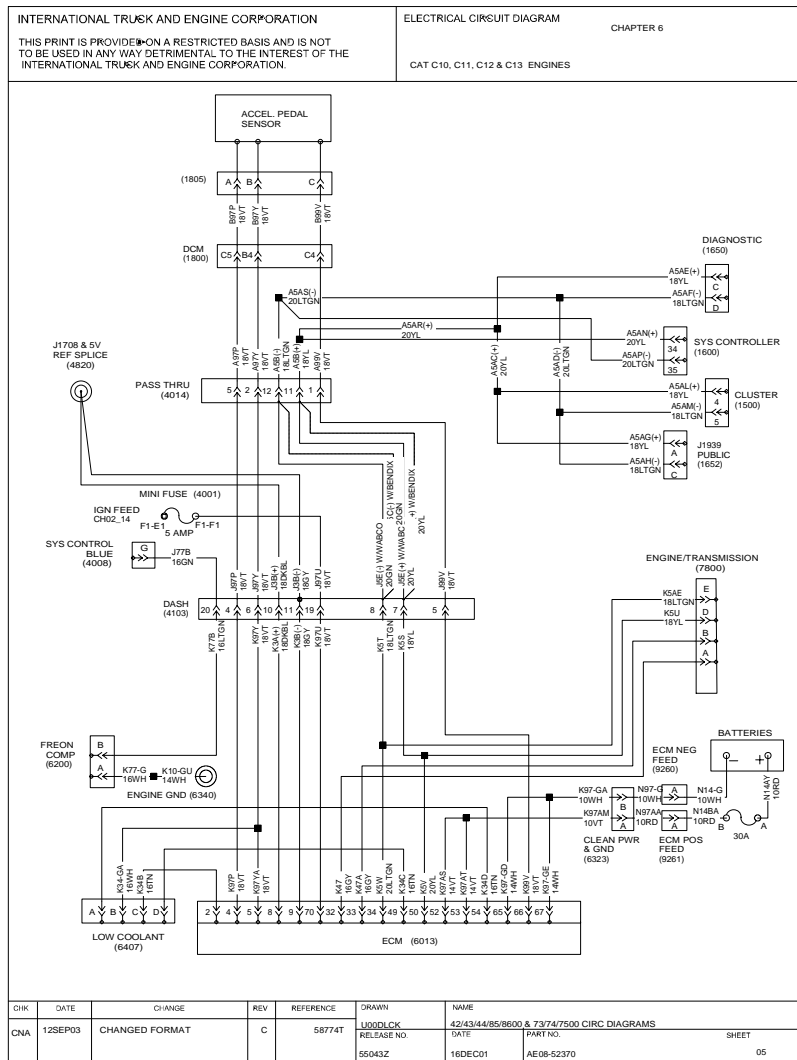


Figure 58 Caterpillar C10, C11, C12, and C13 Engines

6.6. CUMMINS ISM ENGINE, P. 6

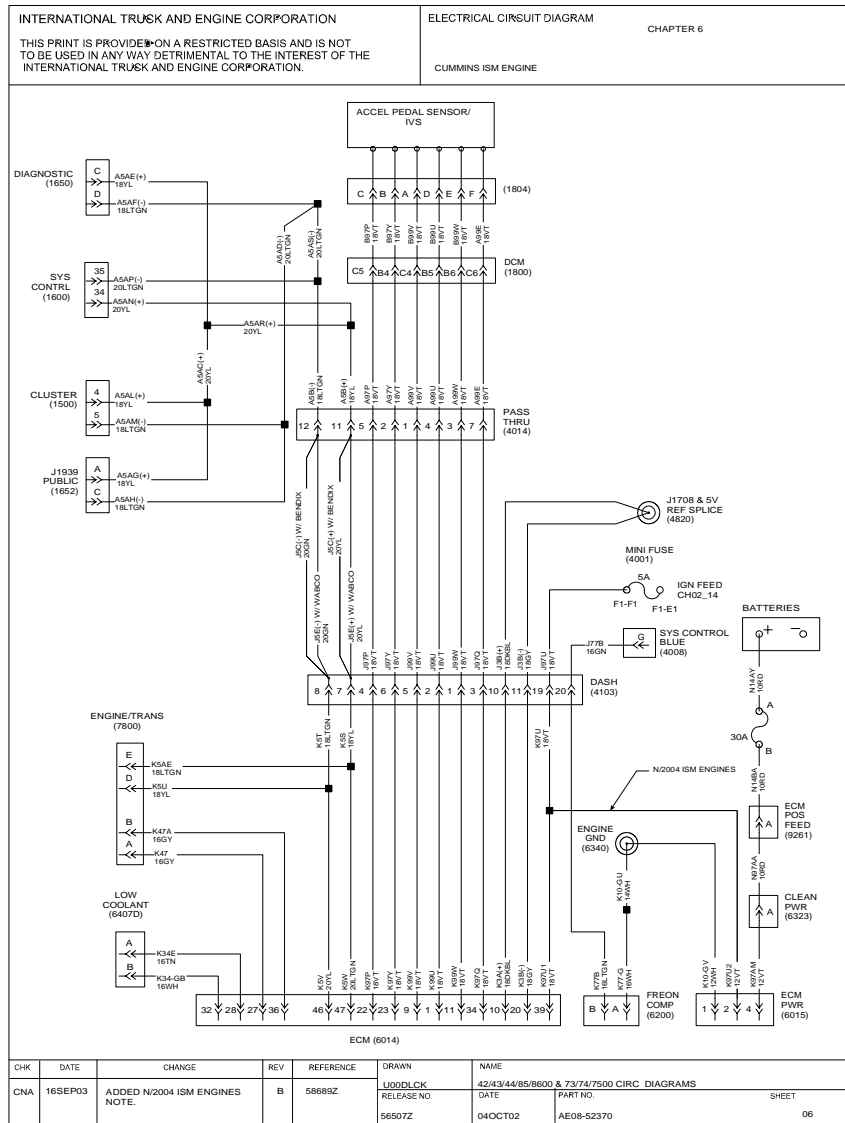


Figure 59 Cummins ISM Engine

6.7. I6 HEUI ENGINE, P. 7

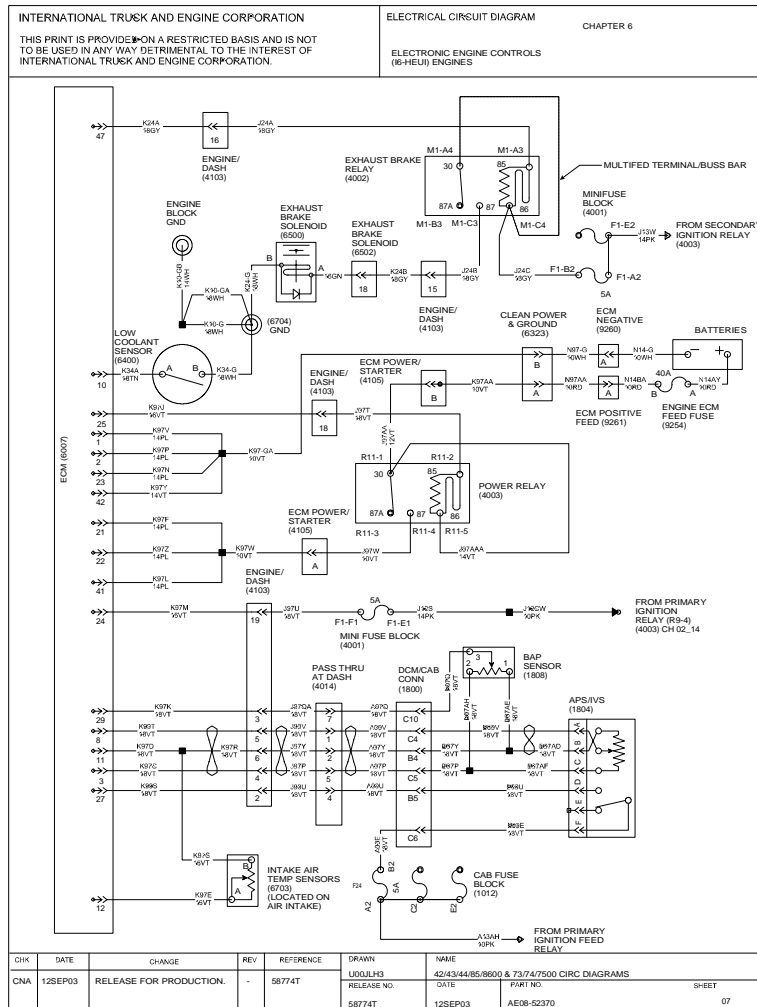


Figure 60 I6 HEUI Engine

6.8. I6 HEUI ENGINE CRUISE CONTROL AND BODY BUILDER CONNECTIONS WITH MANUAL TRANSMISSION, P. 8

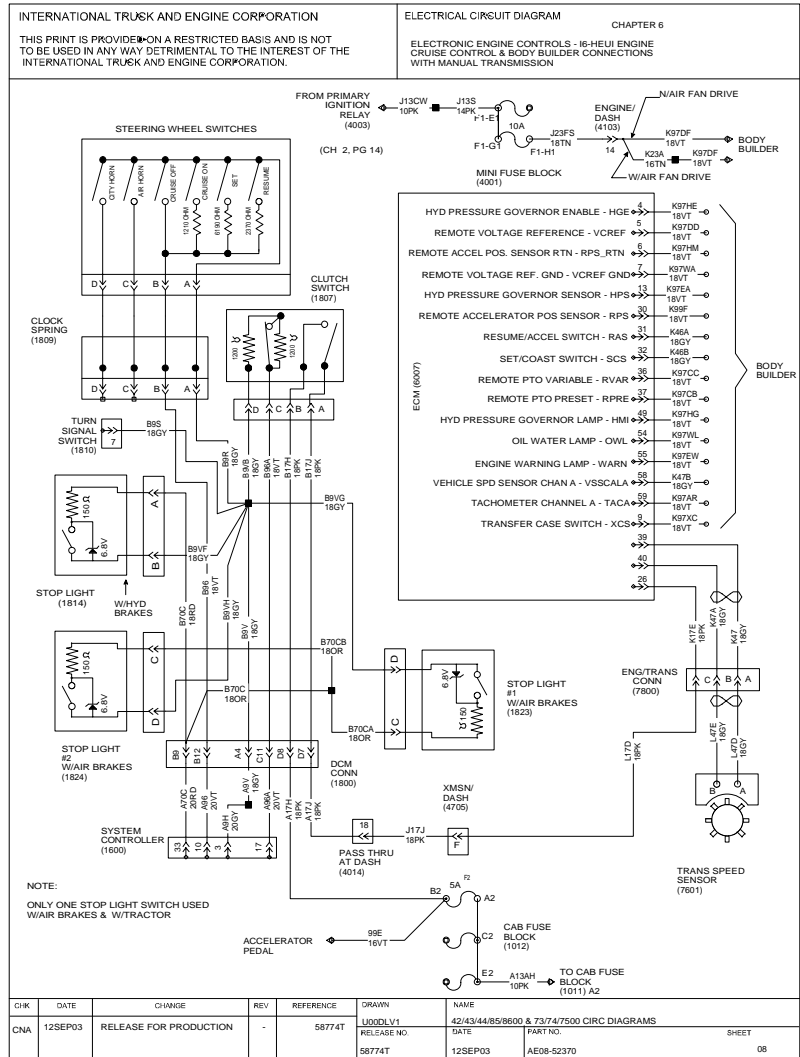


Figure 61 I6 HEUI Engine Cruise Control and Body Builder Connections with Manual Transmission

7.2. WARNING LIGHT LIST, P. 2

| 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 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 (D) | 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 (LEFT TURN) | SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER | | | WASHER BOTTLE | | | |
| AIR BAG | DISCRETE NOT ON DATA BUS | | | TURN SIG SW | | | |
| WATER IN FUEL | SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER | | | FUEL FILTER | | | |
| COOLANT LEVEL | ENGINE CTRLR/DRIVE TRAIN J1939/CLUSTER | | | SURGE TANK | | | |
| CHECK ELECT SVS | SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER | | | | | | |
| PARK (P) | SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER | | | SWITCH | | | |
| CRUISE | SYSTEM CTRLR/DRIVE TRAIN J1939/CLUSTER | | | | | | |
| ABS (RIGHT TURN) | TRUCK 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 | | | | | | |
| FR AXLE ENGAGED | DISCRETE NOT ON DATA BUS | | | TRANSFER CASE | | | |

| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME |
|-----|---------|------------------------|-----|-----------|-------------|---|
| CNA | 29SEP03 | ADDED FR AXLE ENGAGED. | B | 58928U | U00JXP9 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS |
| | | | | | RELEASE NO. | DATE |
| | | | | | P52778H | 09AUG00 |
| | | | | | | PART NO. |
| | | | | | | AE08-52371 |
| | | | | | | SHEET |
| | | | | | | 02 |

Figure 63 Warning Light List

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

| | | | | | | | | | | | |
|---|---------|---------------------|-----|---|-------------|---|------------|-----------|--|--|--|
| 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. | | | | 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 | PART NO. | SHEET | | | |
| | | | | | P52778H | 20JUN00 | AE08-52371 | 03 | | | |

Figure 64 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 65 Engine Oil Pressure and Temp, Speedometer, Tach, Voltmeter and Water Temp Gauge Circuits

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

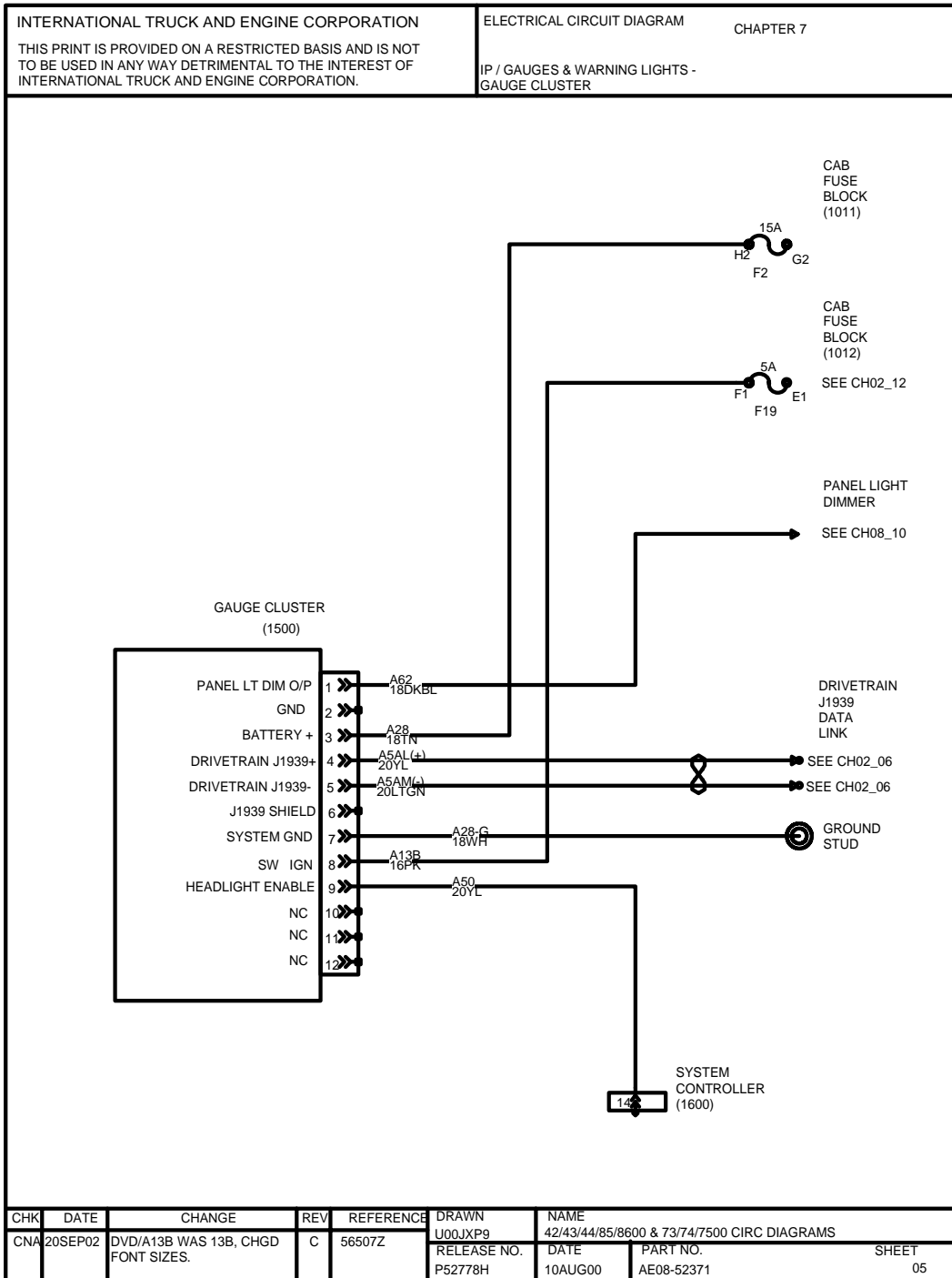


Figure 66 IP/Gauges and Warning Lights — Gauge Cluster

7.6. AIR PRESSURE INPUT CIRCUIT, P. 6

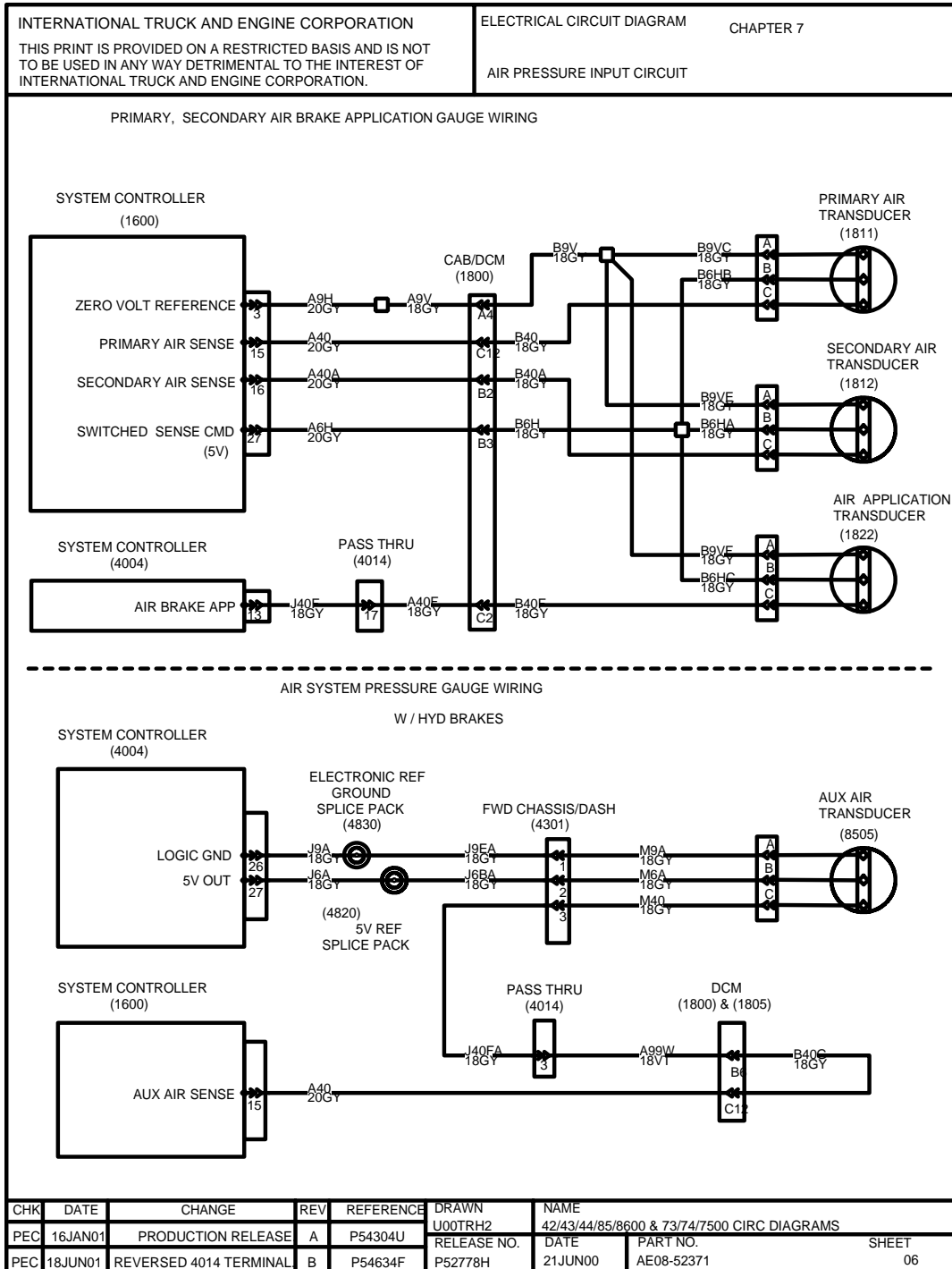


Figure 67 Air Pressure Input Circuit

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

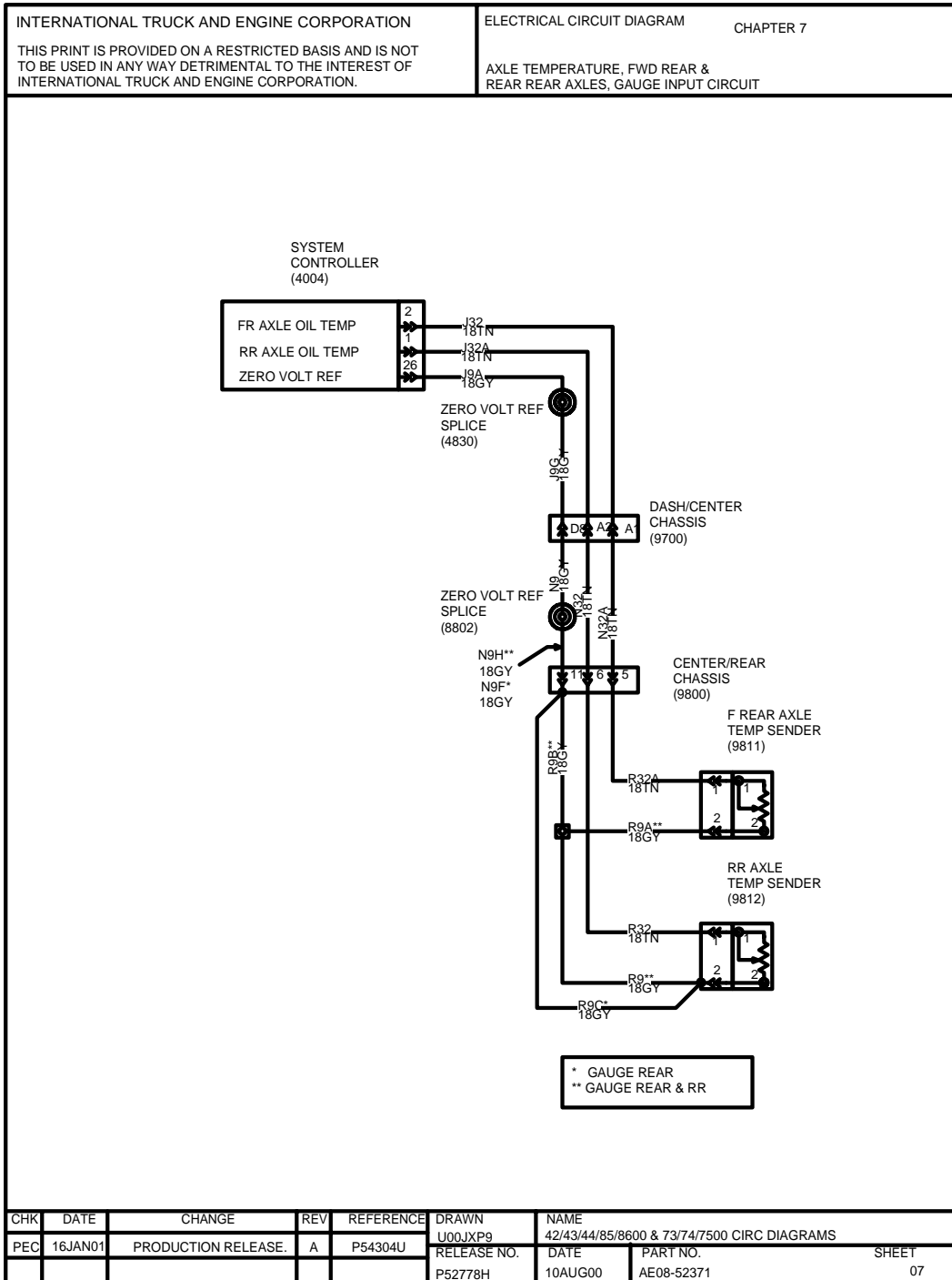


Figure 68 Axle Temperature, FWD Rear and Rear Axles, Gauge Input Circuit

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

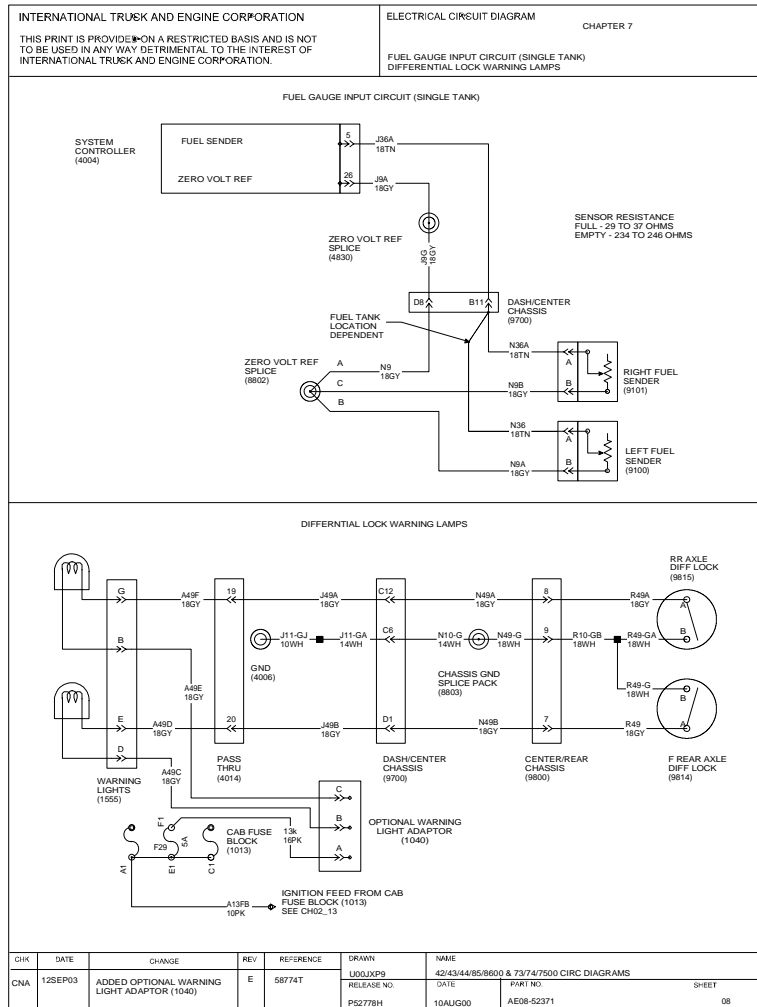


Figure 69 Fuel Gauge Input Circuit (Single Tank) Differential Lock Warning Lamps

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

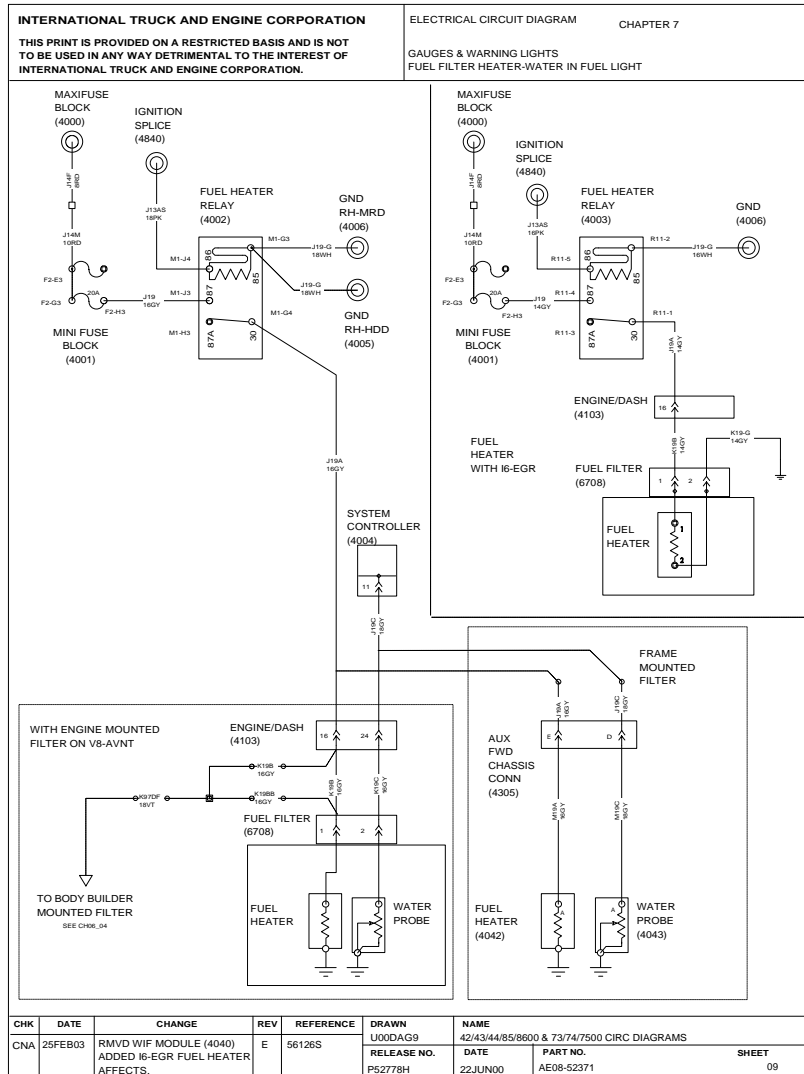


Figure 70 Gauges and Warning Lights — Fuel Filter Restriction and Water in Fuel Lights

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

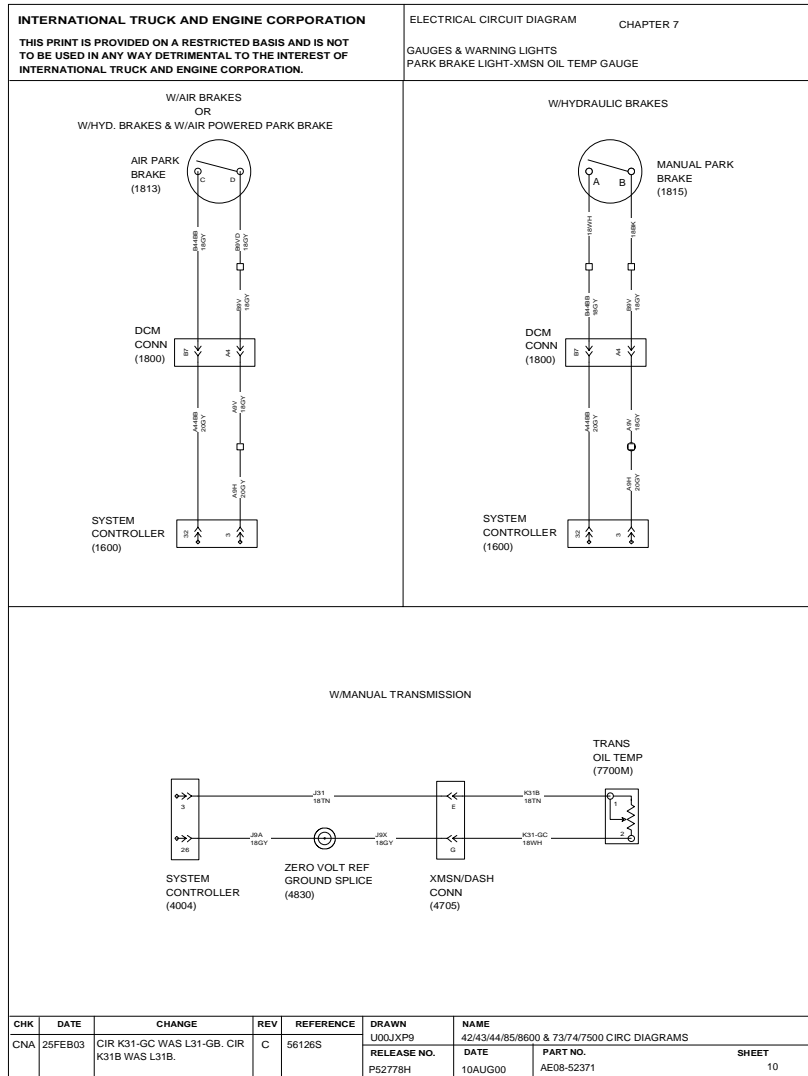


Figure 71 Gauges and Warning Lights — Park Brake Light and Transmission Oil Temp. Gauge

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

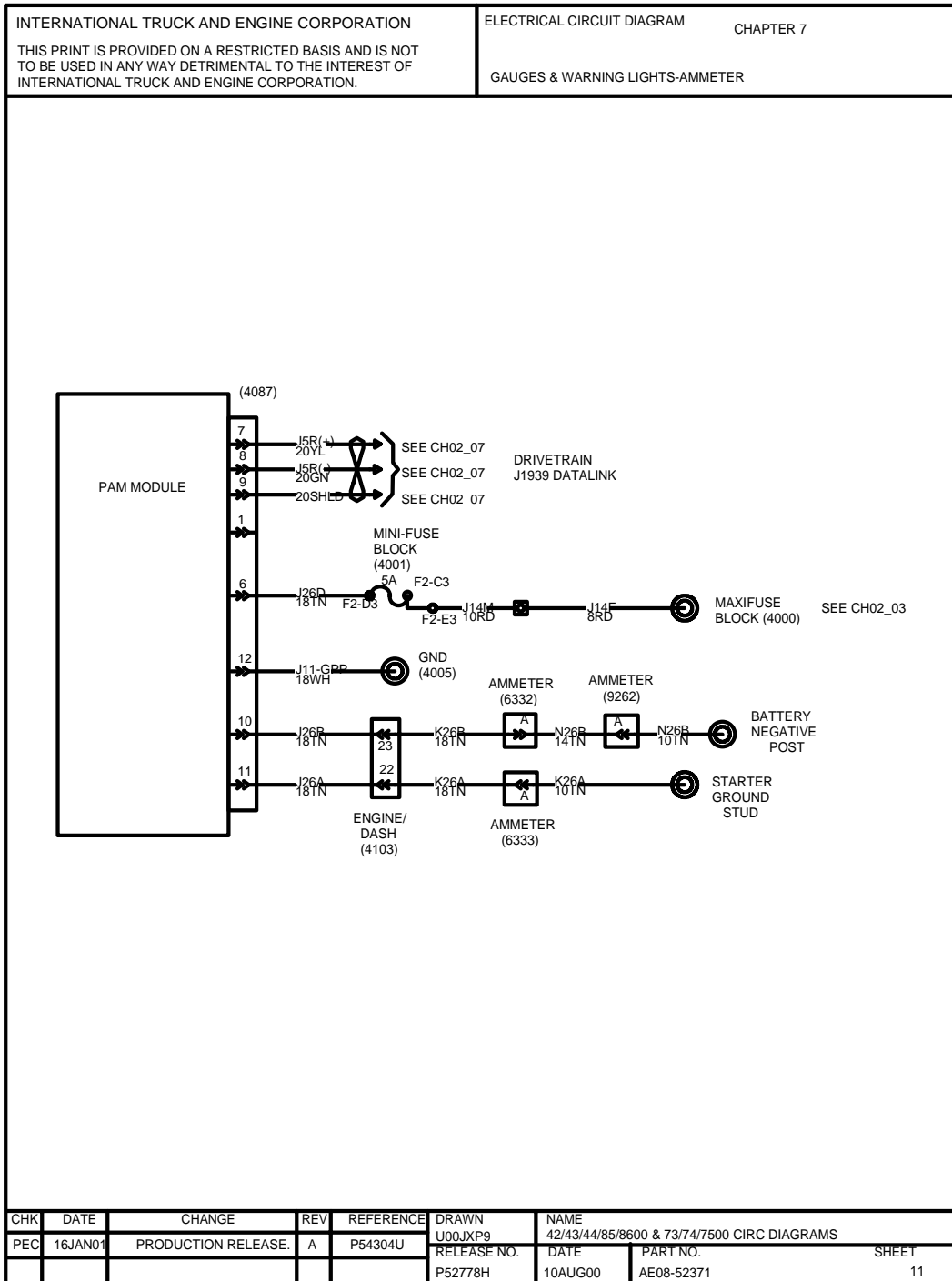


Figure 72 Gauges and Warning Lights — Ammeter

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

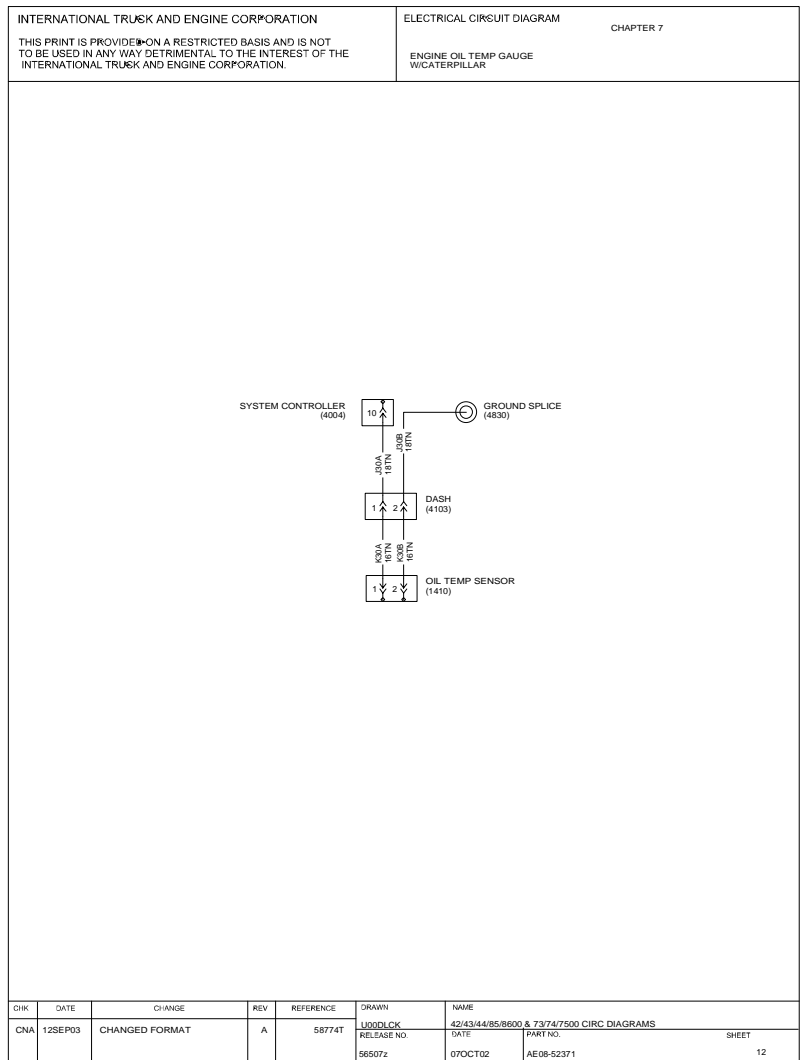


Figure 73 Engine Oil Temperature Gauge With Caterpillar

7.13. FRONT AXLE ENGAGEMENT LAMP, P. 13

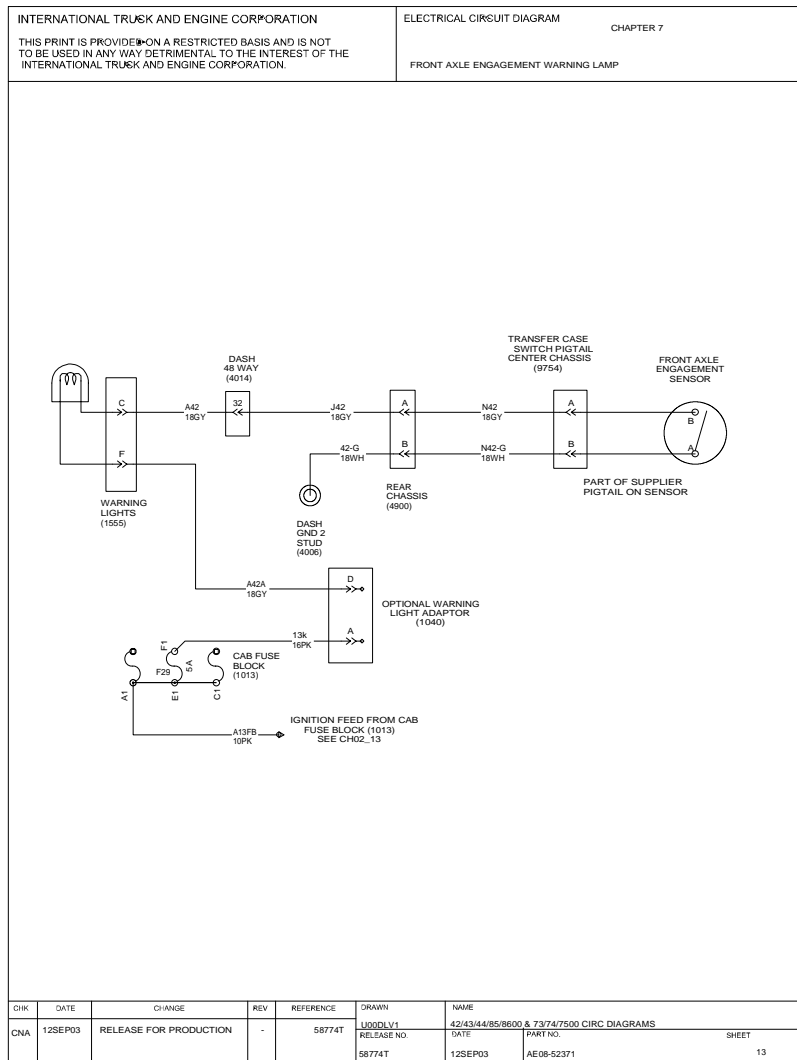


Figure 74 Front Axle Engagement Lamp

8. LIGHTS (CHAPTER 8)

8.1. BACK UP LIGHTS, P. 1

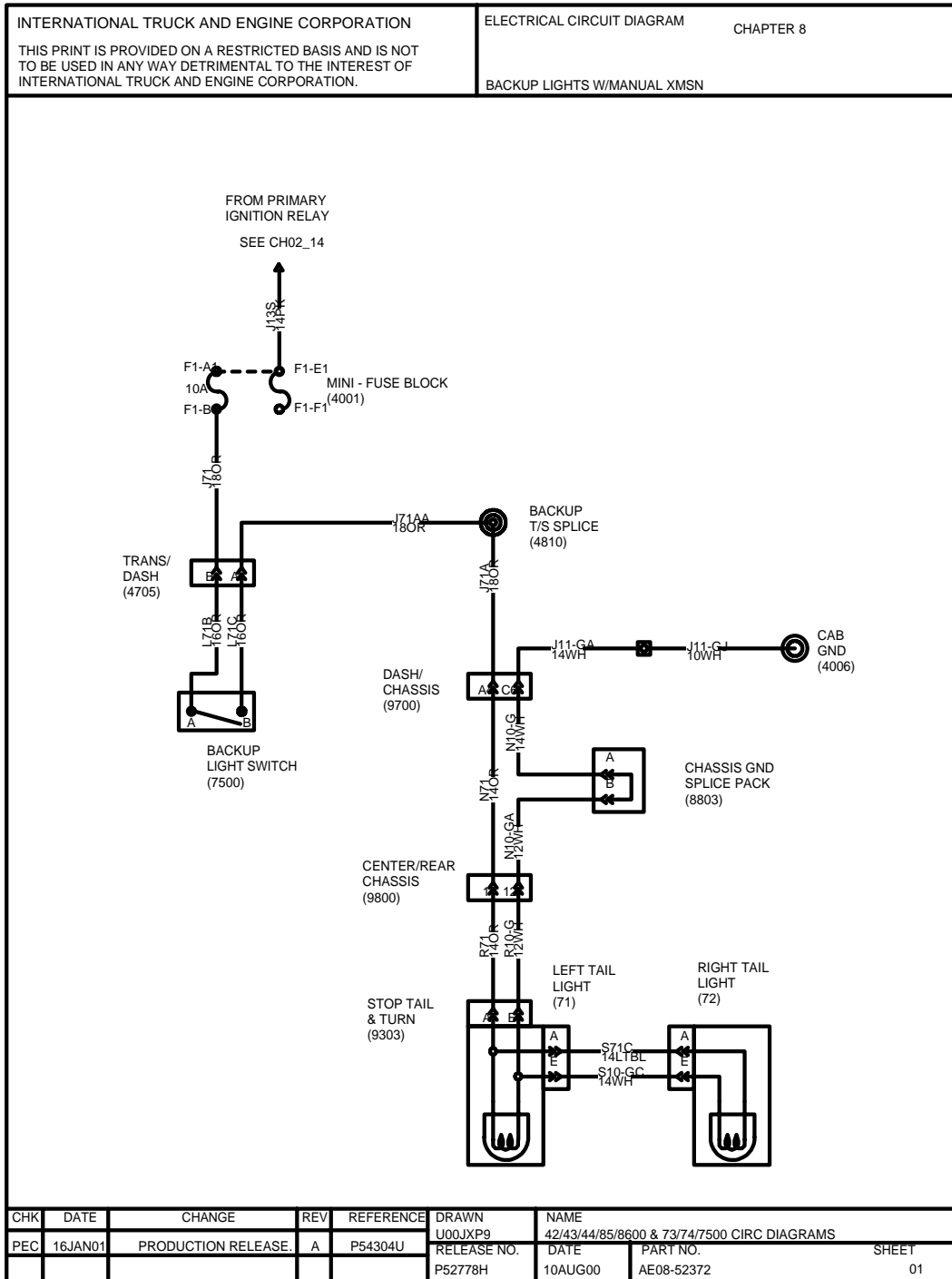


Figure 75 Back Up Lights

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

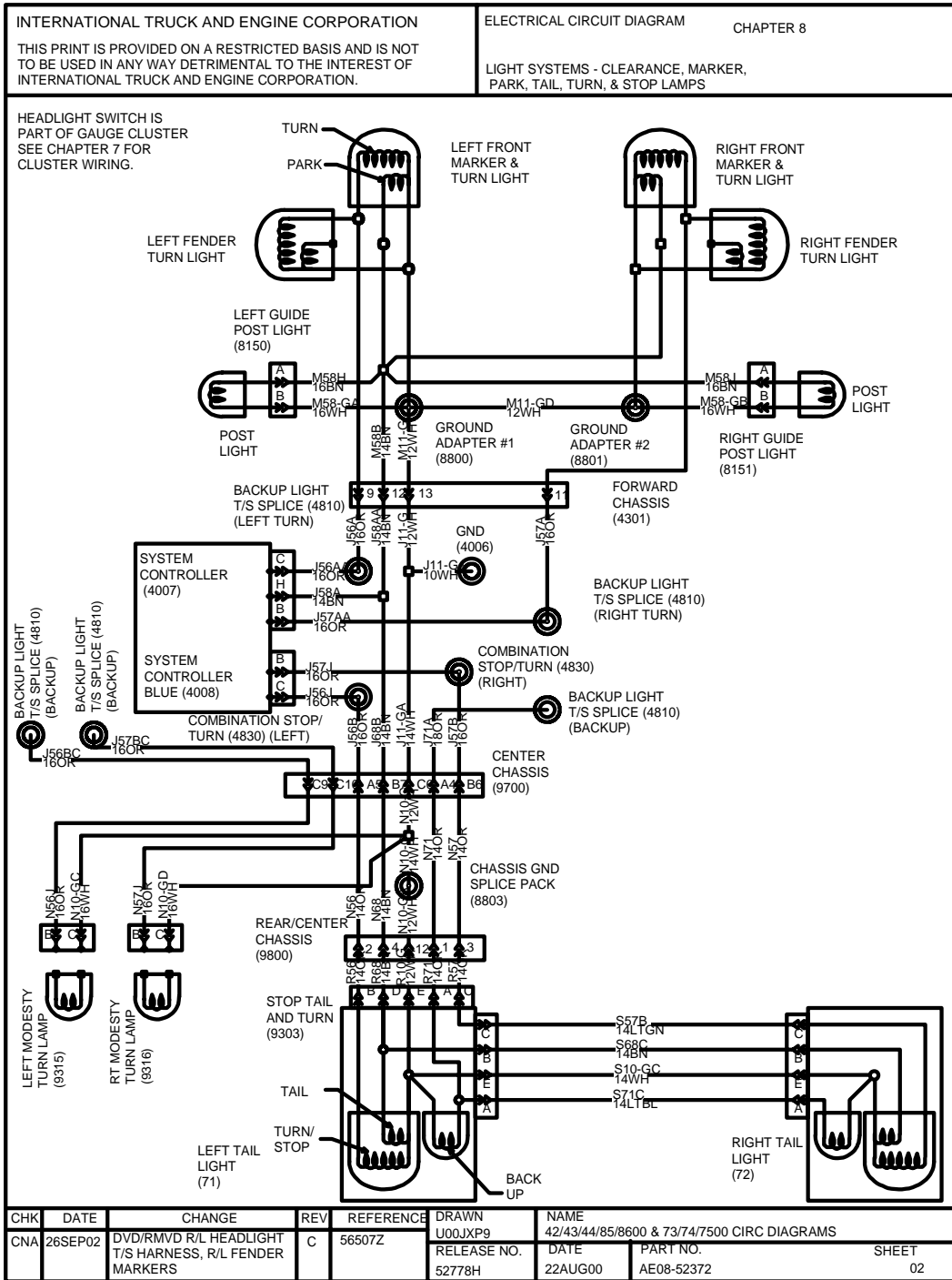


Figure 76 Light Systems — Clearance, Marker, Park, Tail, Turn and Stop Lamps

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

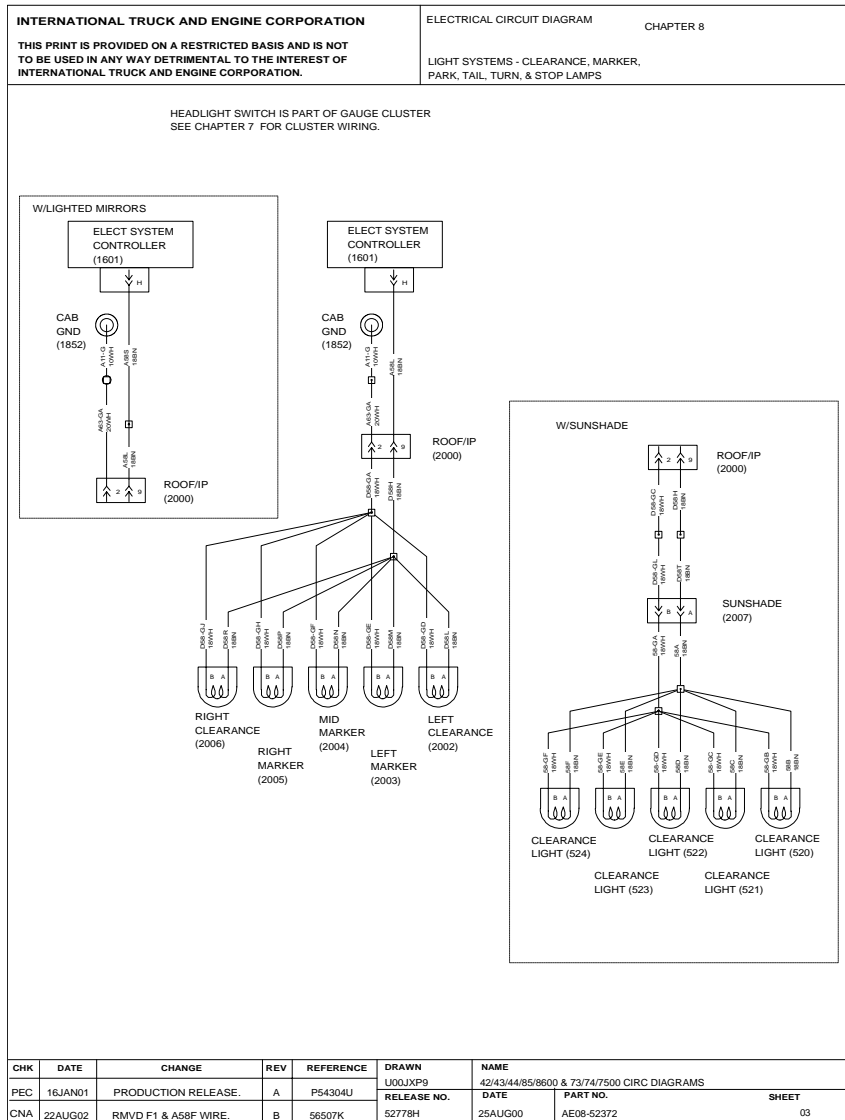


Figure 77 Light Systems — Clearance, Marker, Park, Tail, Turn and Stop Lamps (Cont.)

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

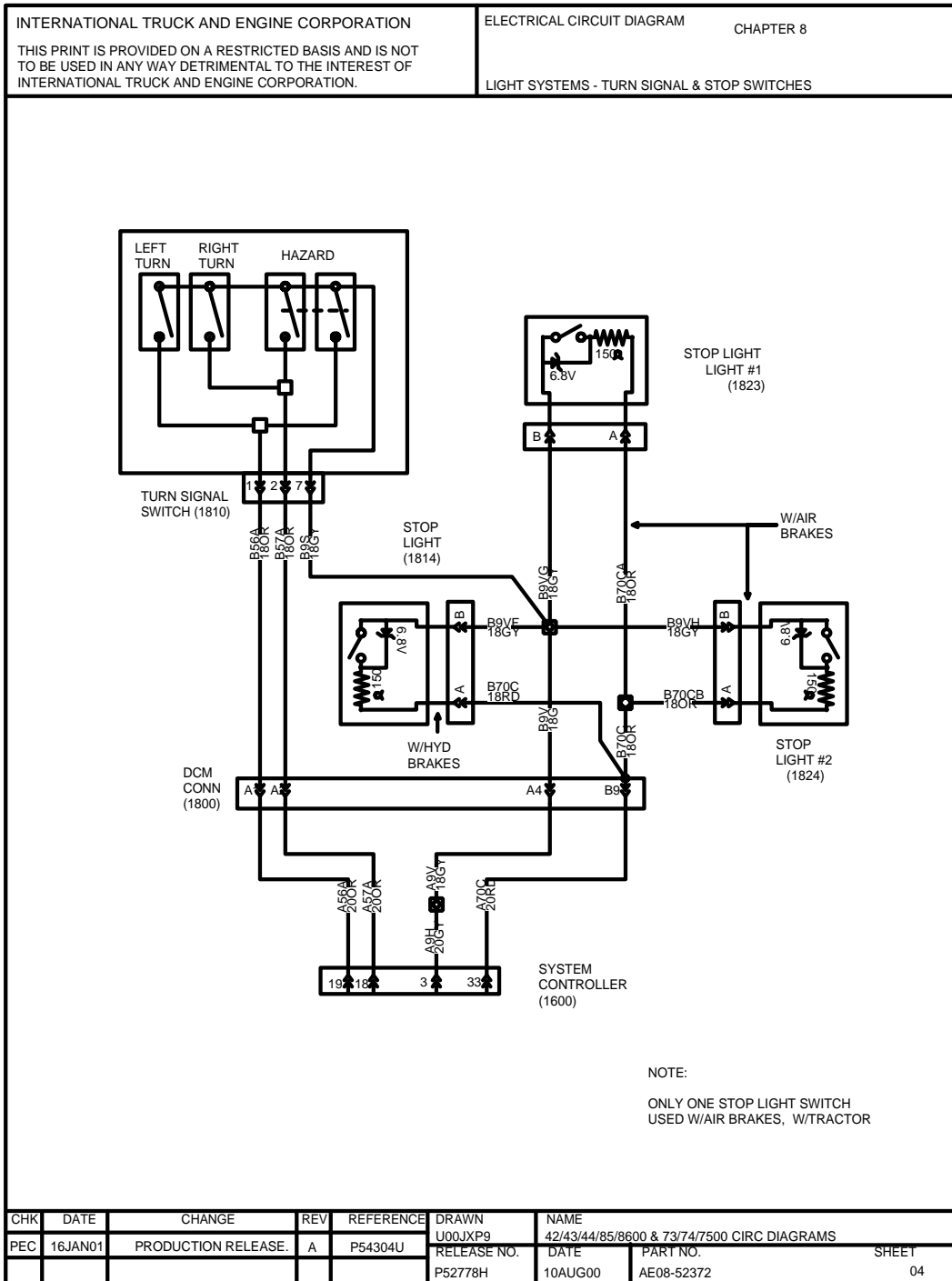


Figure 78 Light Systems — Turn Signal and Stop Switches

8.5. DOME LIGHT, MAP LIGHT, P. 5

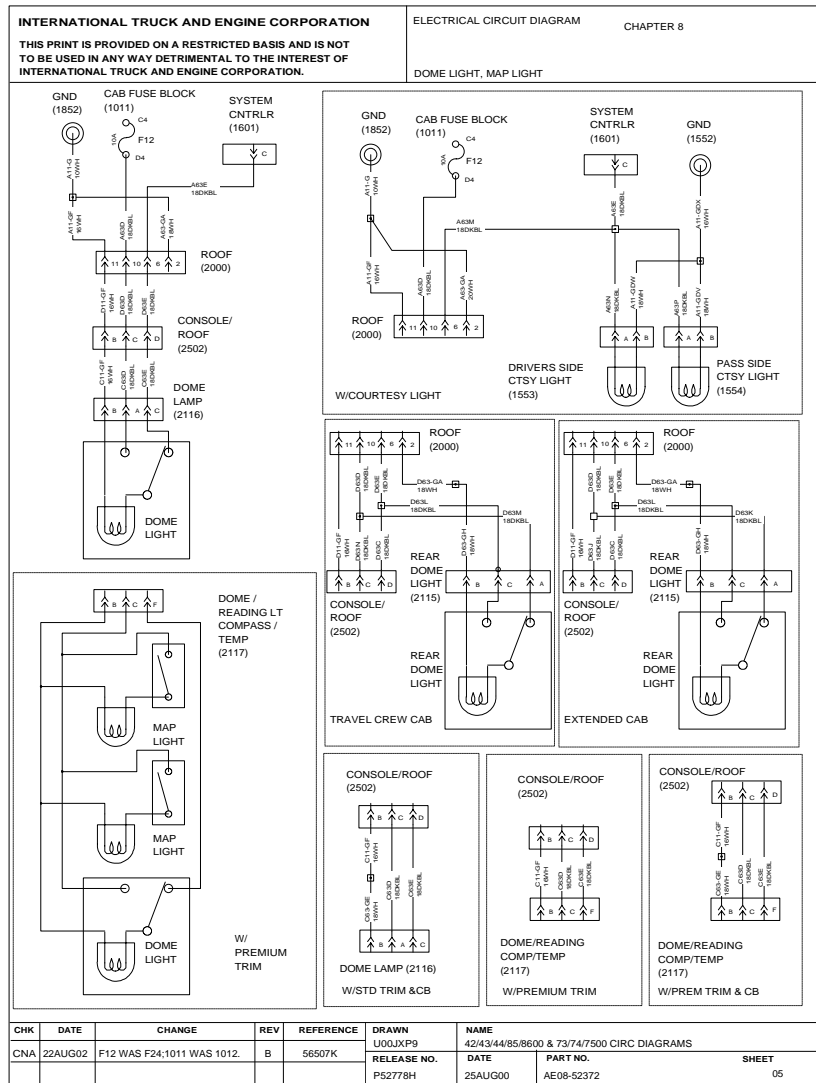


Figure 79 Dome Light, Map Light

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

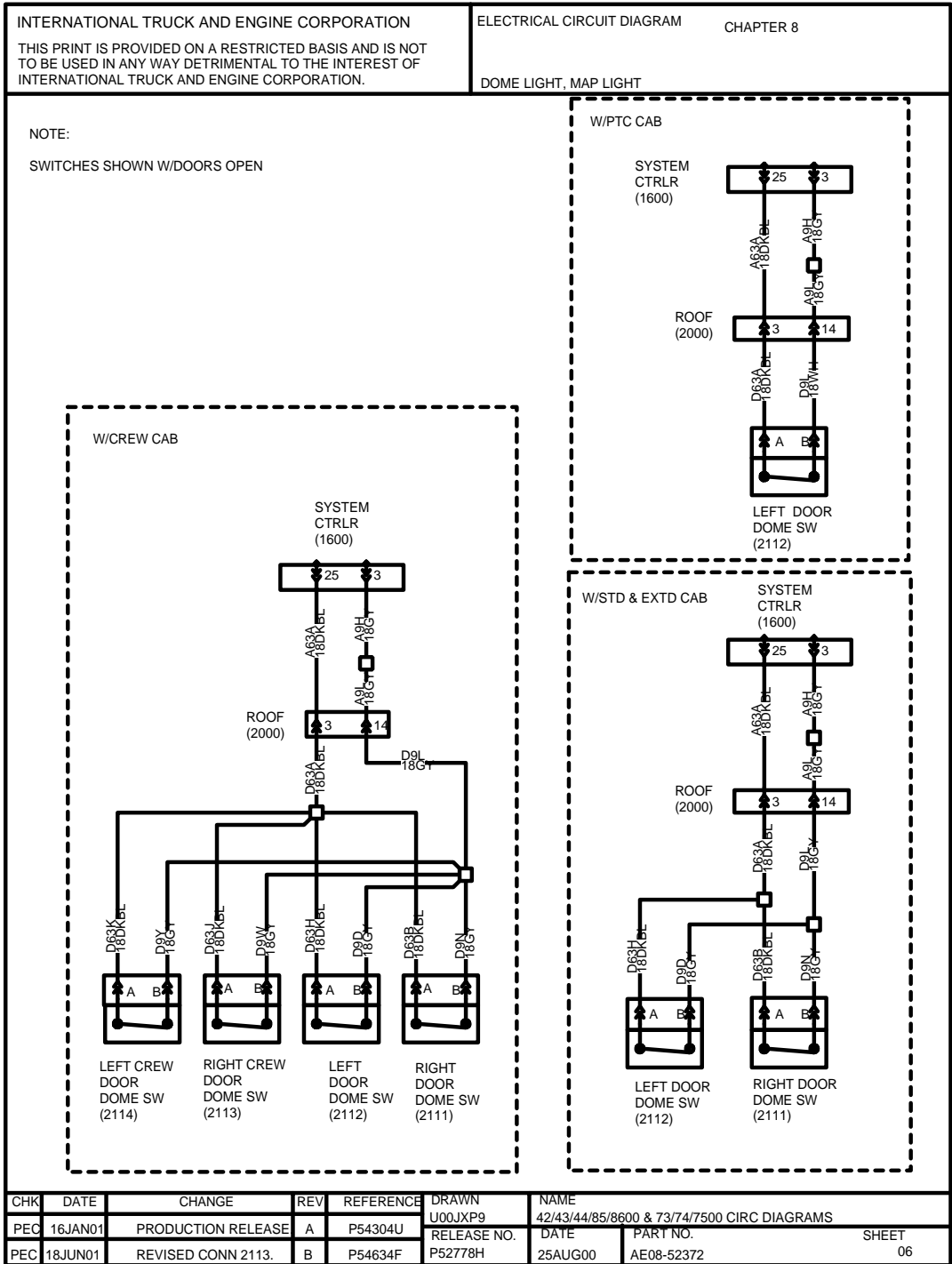


Figure 80 Dome Light, Map Light (Cont.)

8.7. FOG LIGHT AND WORK LIGHT, P. 7

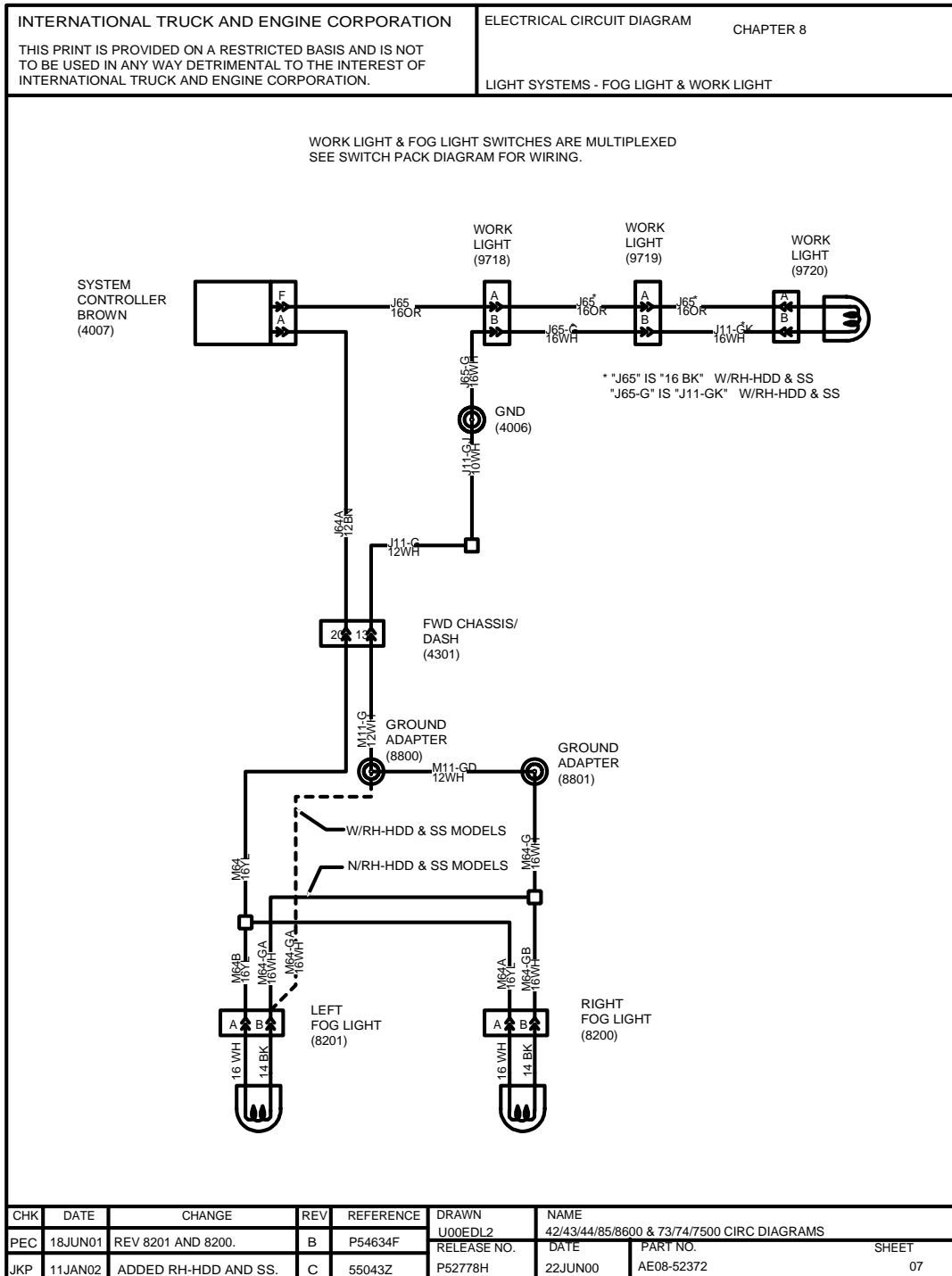


Figure 81 Fog Light and Work Light

8.8. HEADLIGHTS, P. 8

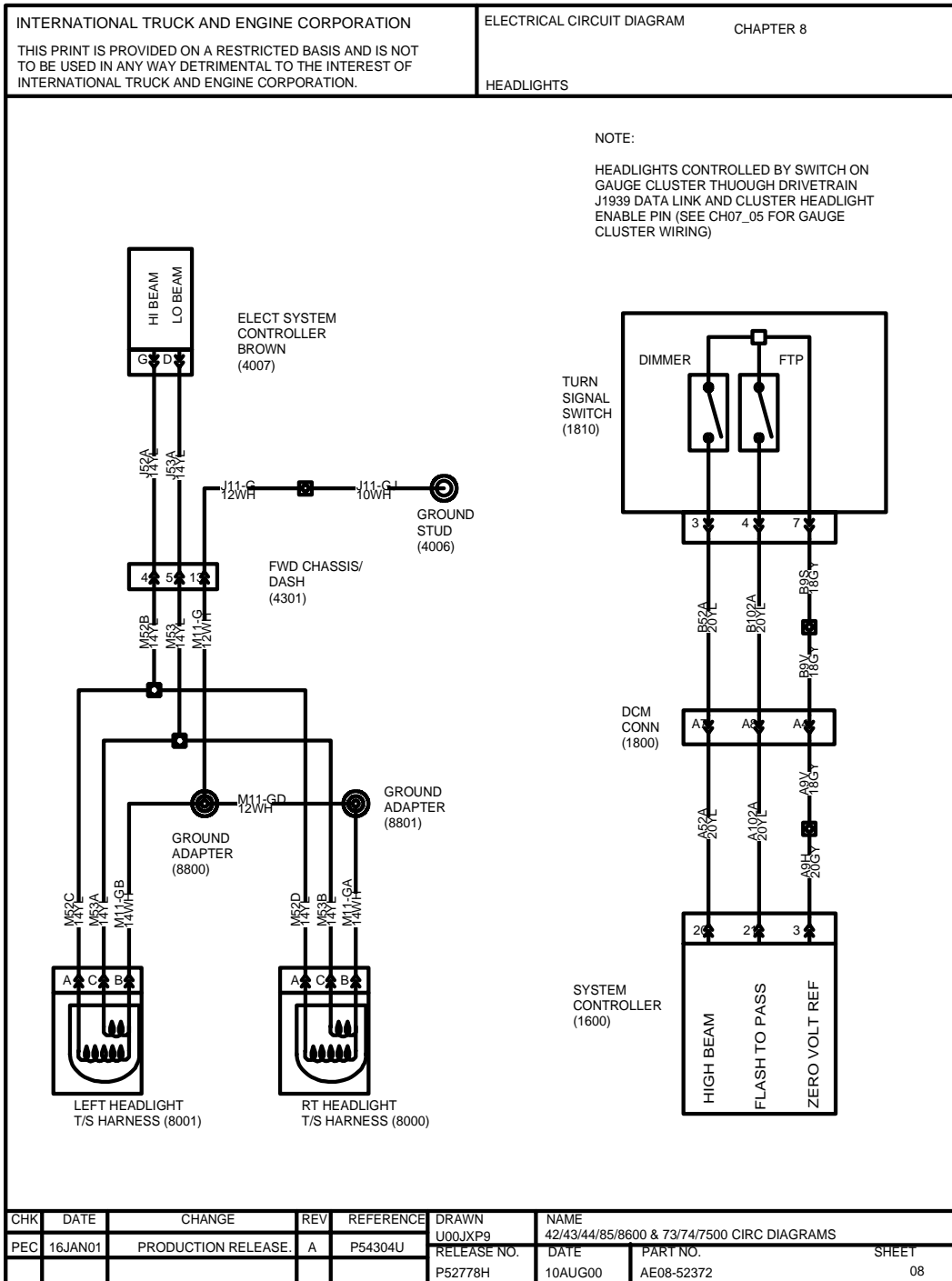


Figure 82 Headlights

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

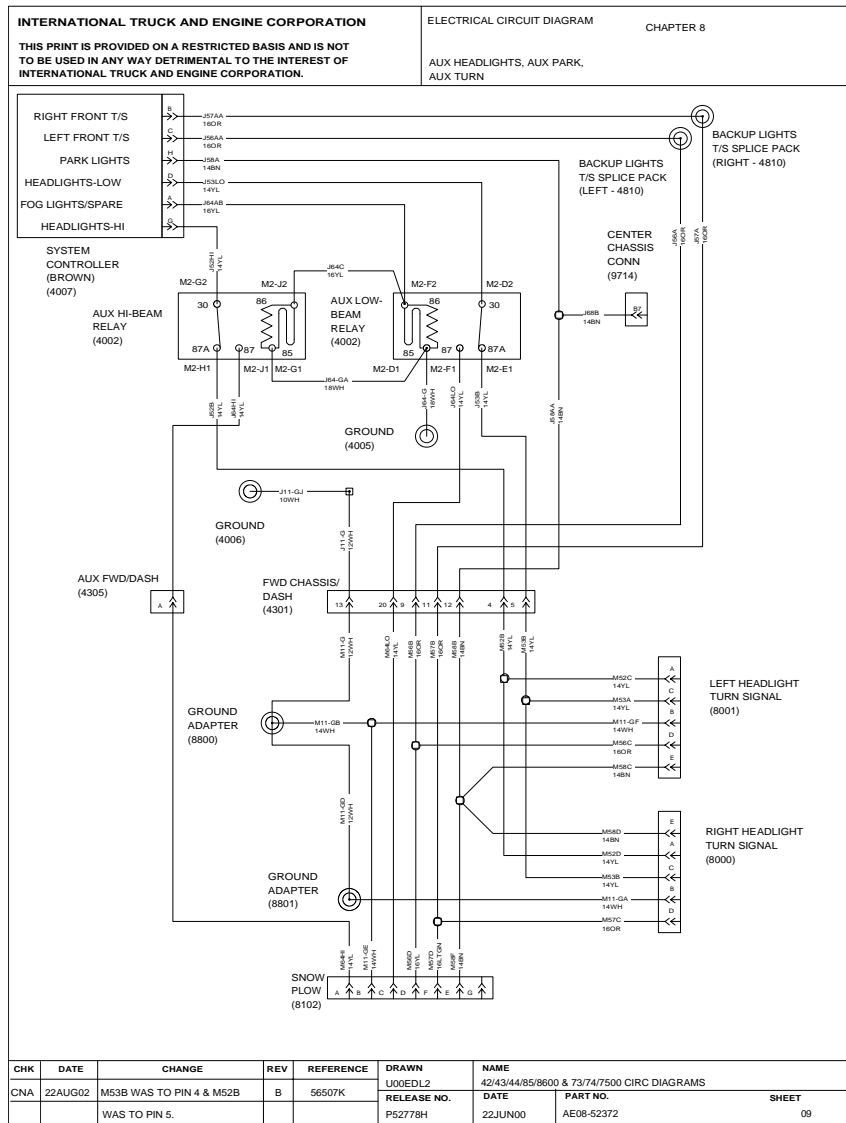


Figure 83 Aux. Headlights, Aux. Park, Aux Turn

8.10. PANEL LIGHTS, P. 10

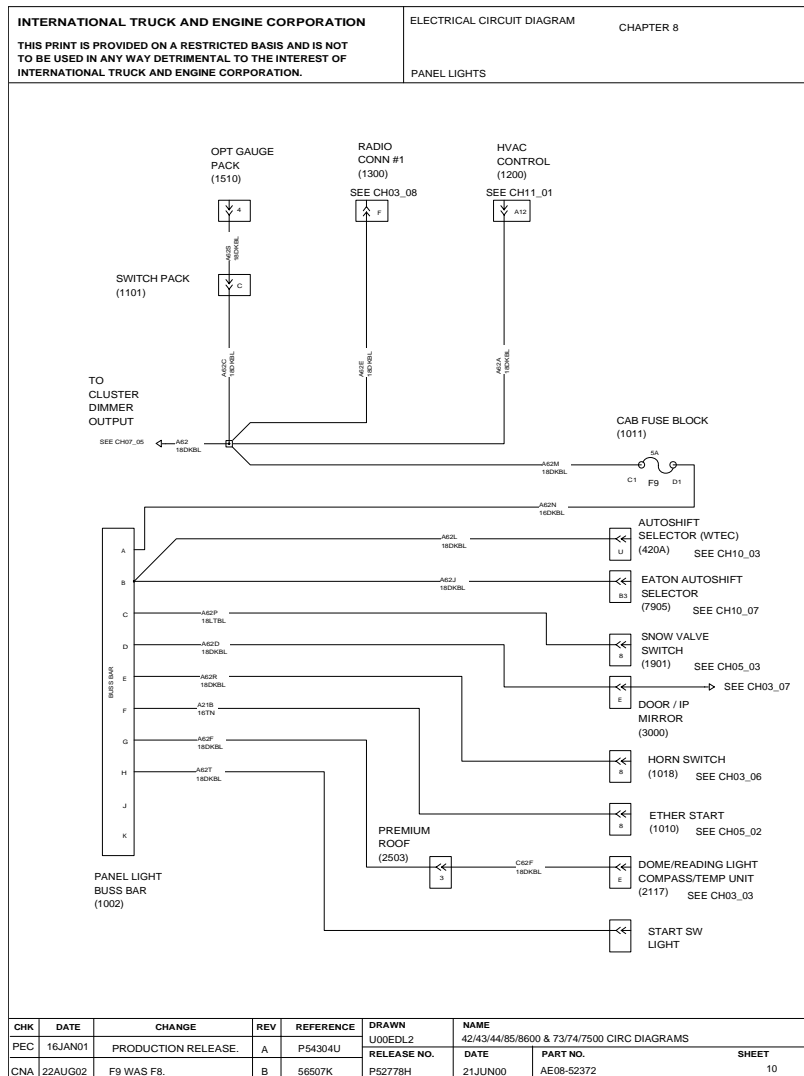


Figure 84 Panel Lights

9. CHASSIS ACCESSORIES (CHAPTER 9)

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

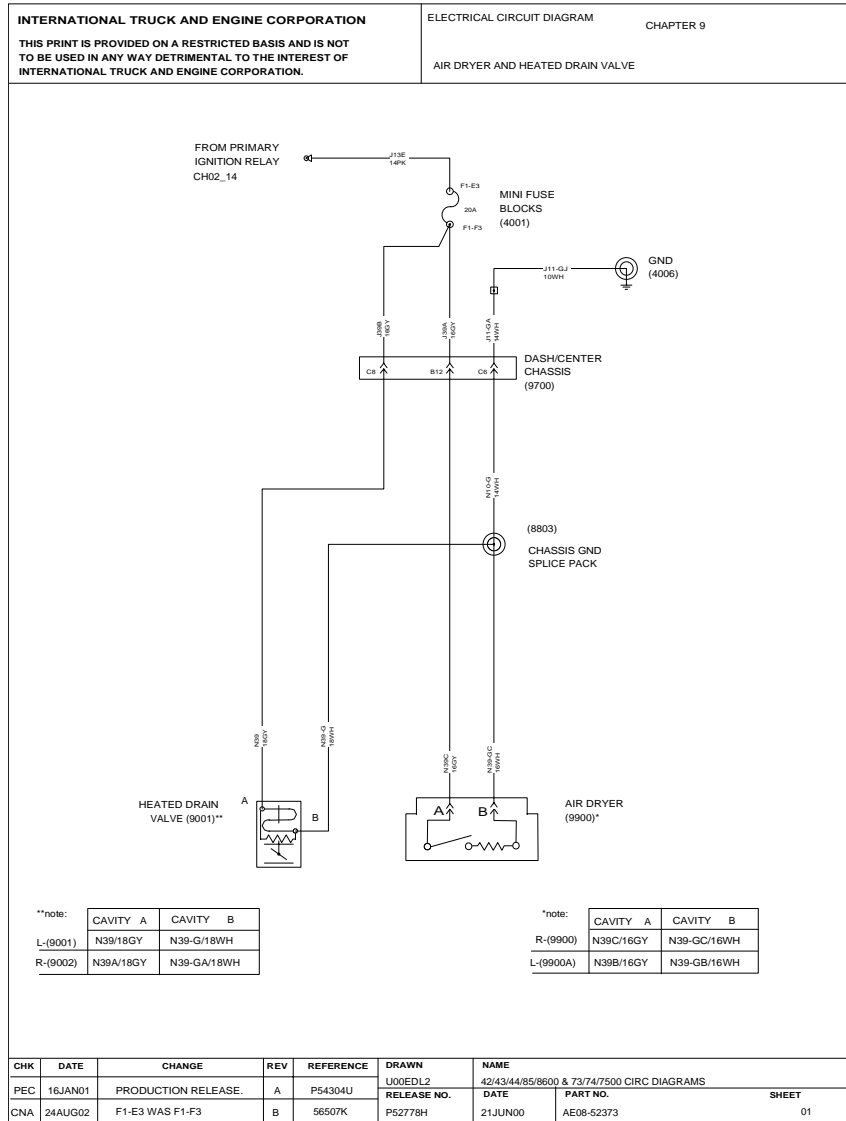


Figure 85 Air Dryer and Heated Drain Valve

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

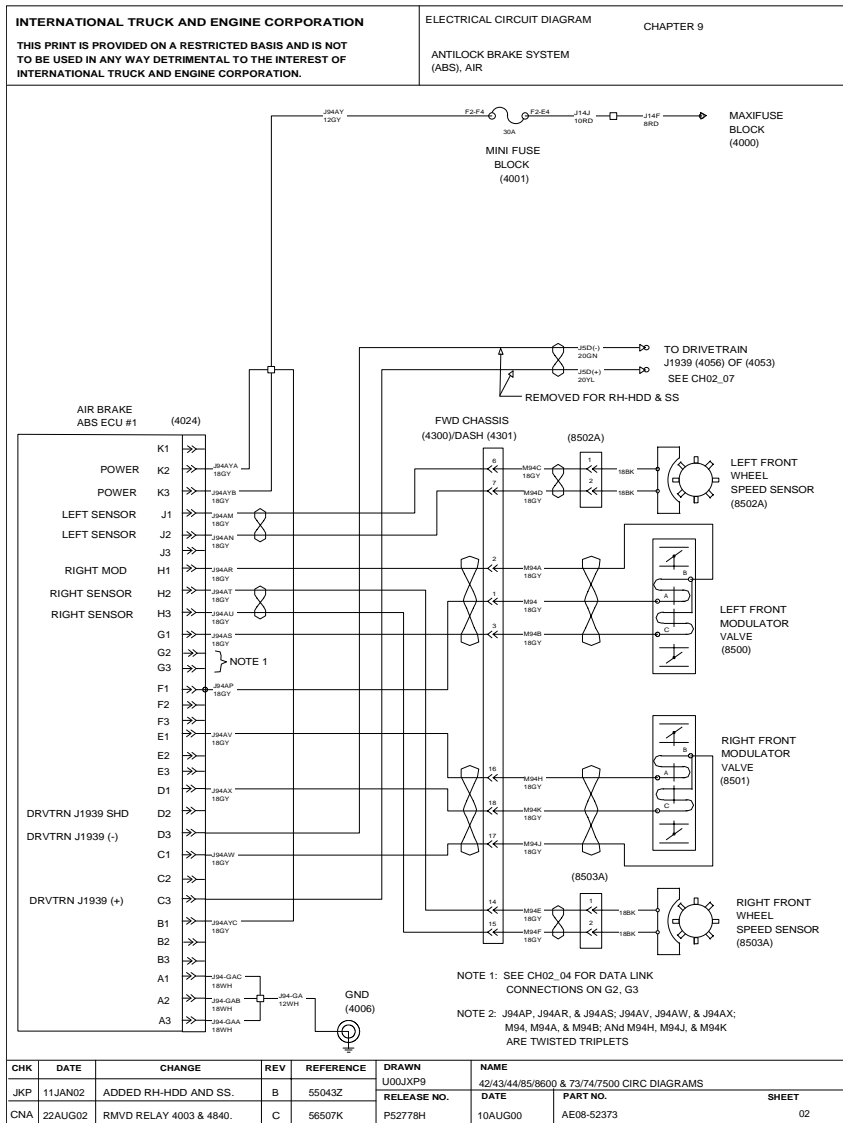


Figure 86 Antilock Brake System (ABS), Air

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

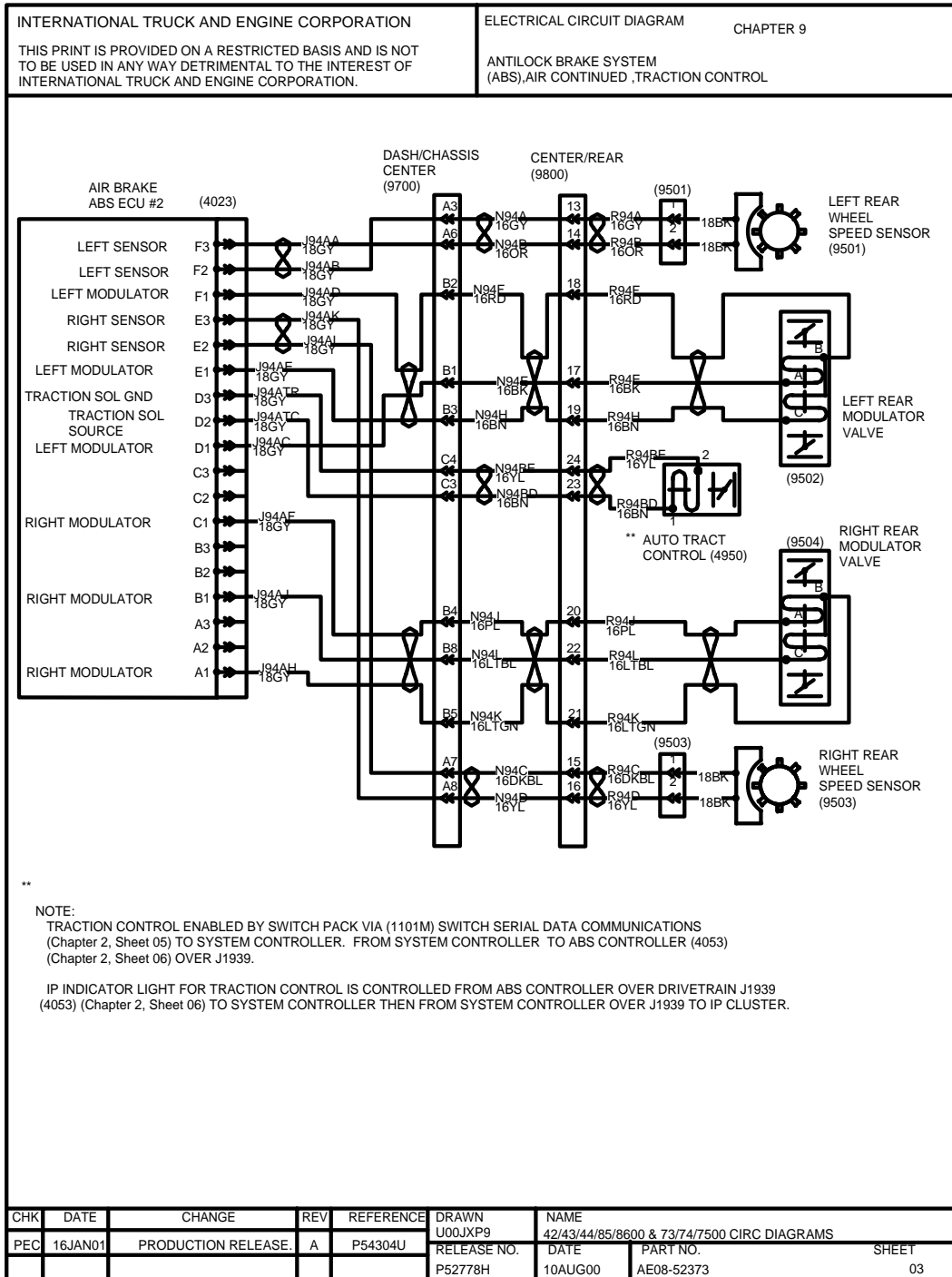


Figure 87 Antilock Brake System (ABS), Air, Traction Control

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

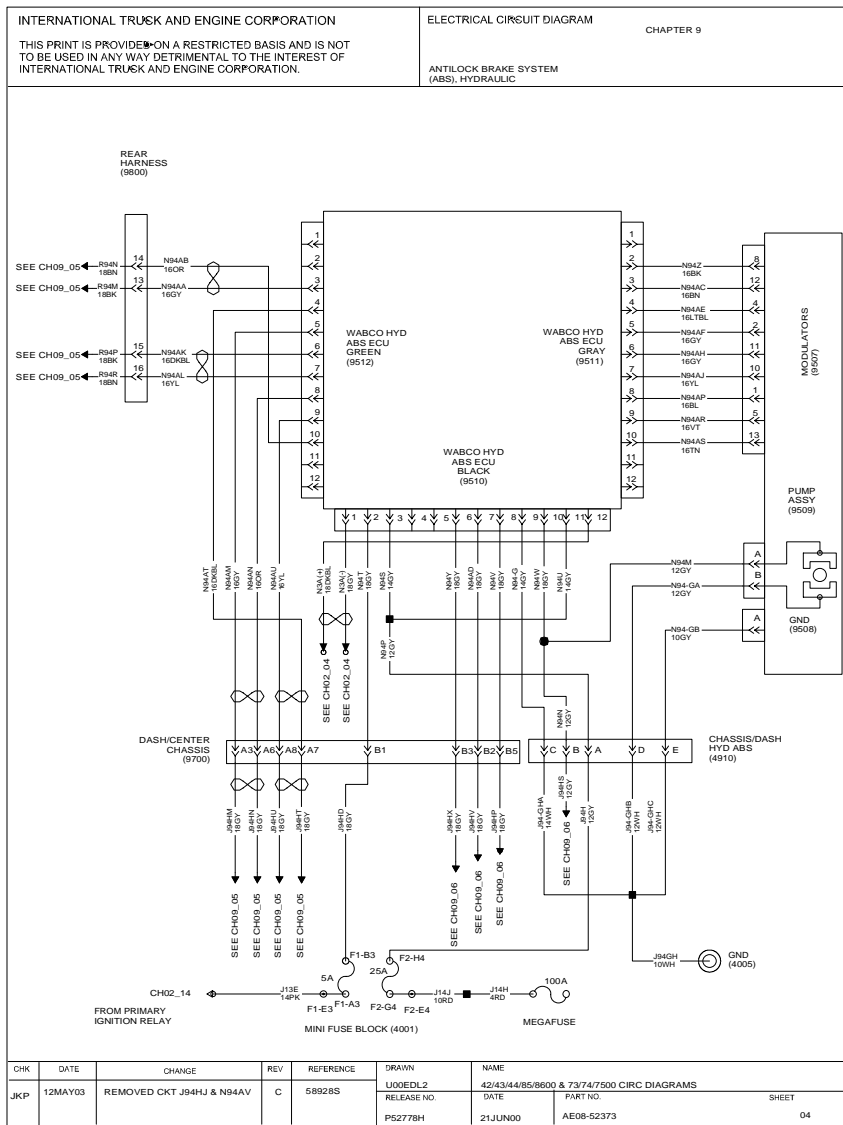


Figure 88 Antilock Brake System (ABS), Hydraulic

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

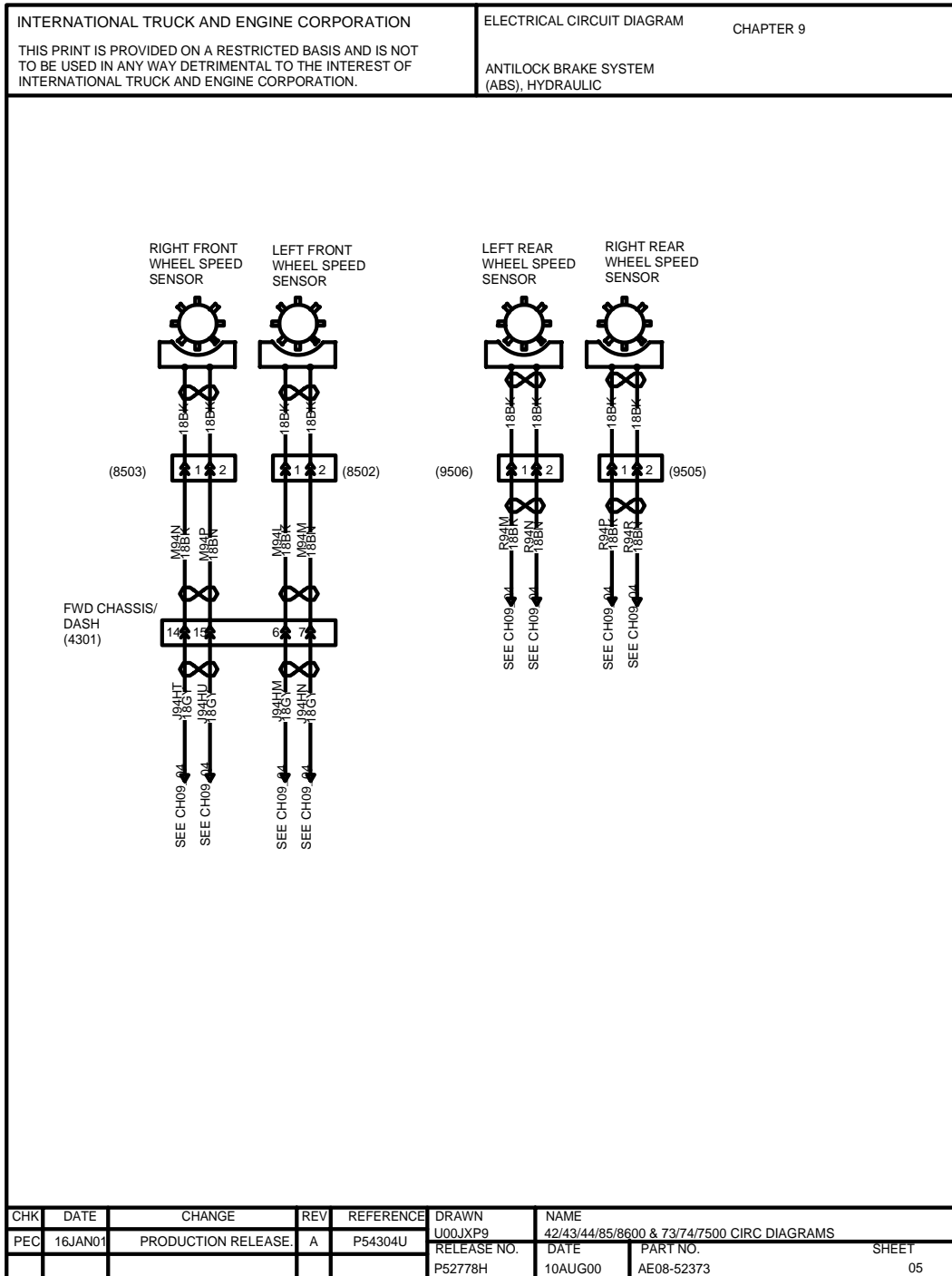


Figure 89 Antilock Brake System (ABS), Hydraulic (Cont.)

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

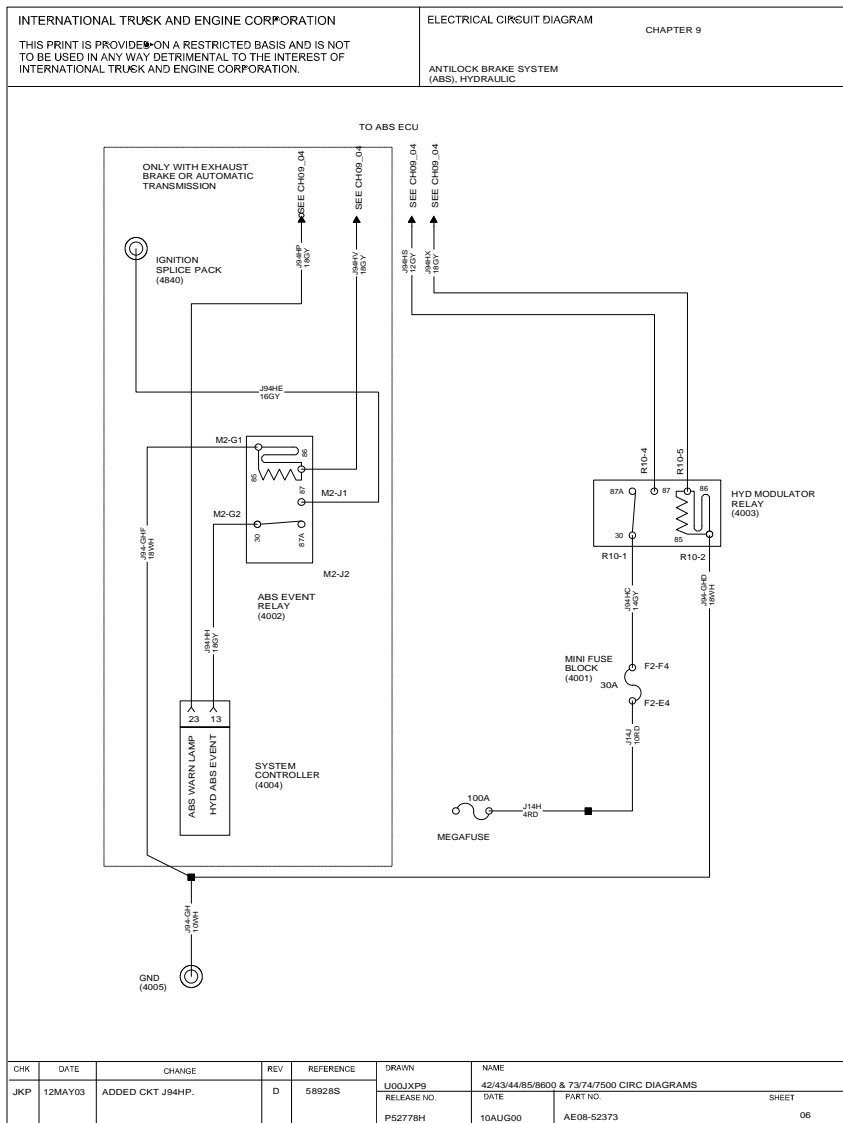


Figure 90 Antilock Brake System (ABS), Hydraulic (Cont.)

9.7. TWO SPEED AXLE SWITCH WITH MANUAL TRANSMISSION AND I6 HEUI FUEL HEATER N/WARN LIGHTS, P. 7

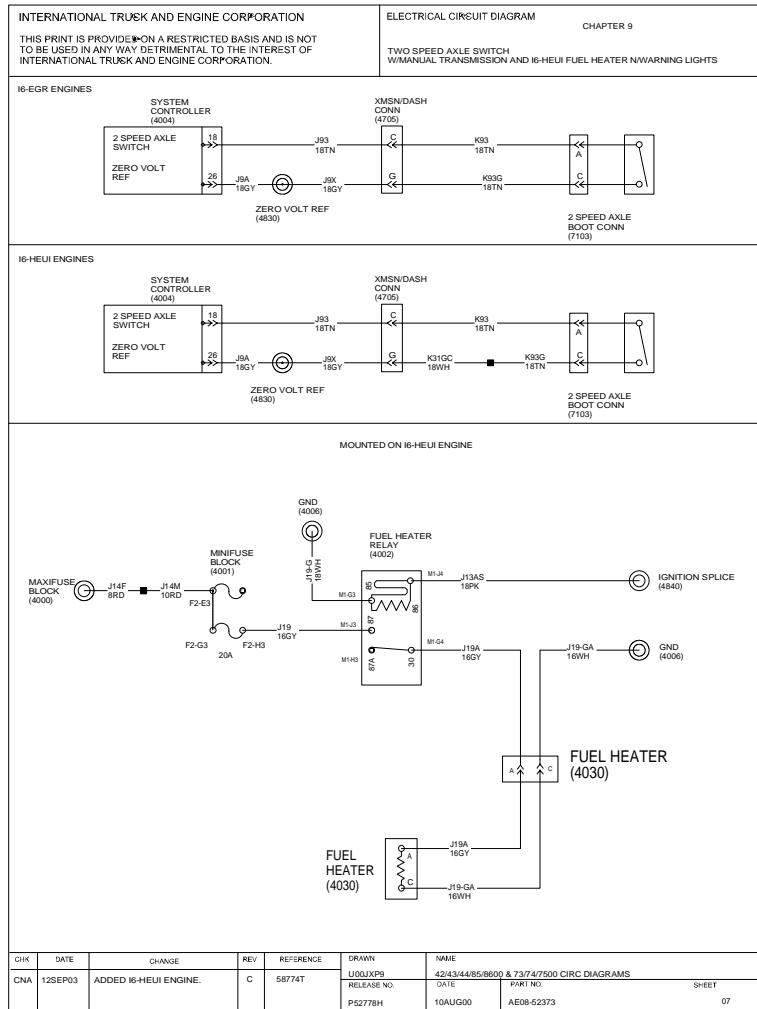


Figure 91 Two Speed Axle Switch With Manual Transmission and I6 HEUI Fuel Heater N/Warn Lights

9.8. BRAKE SYSTEM, HYDRAULIC, P. 8

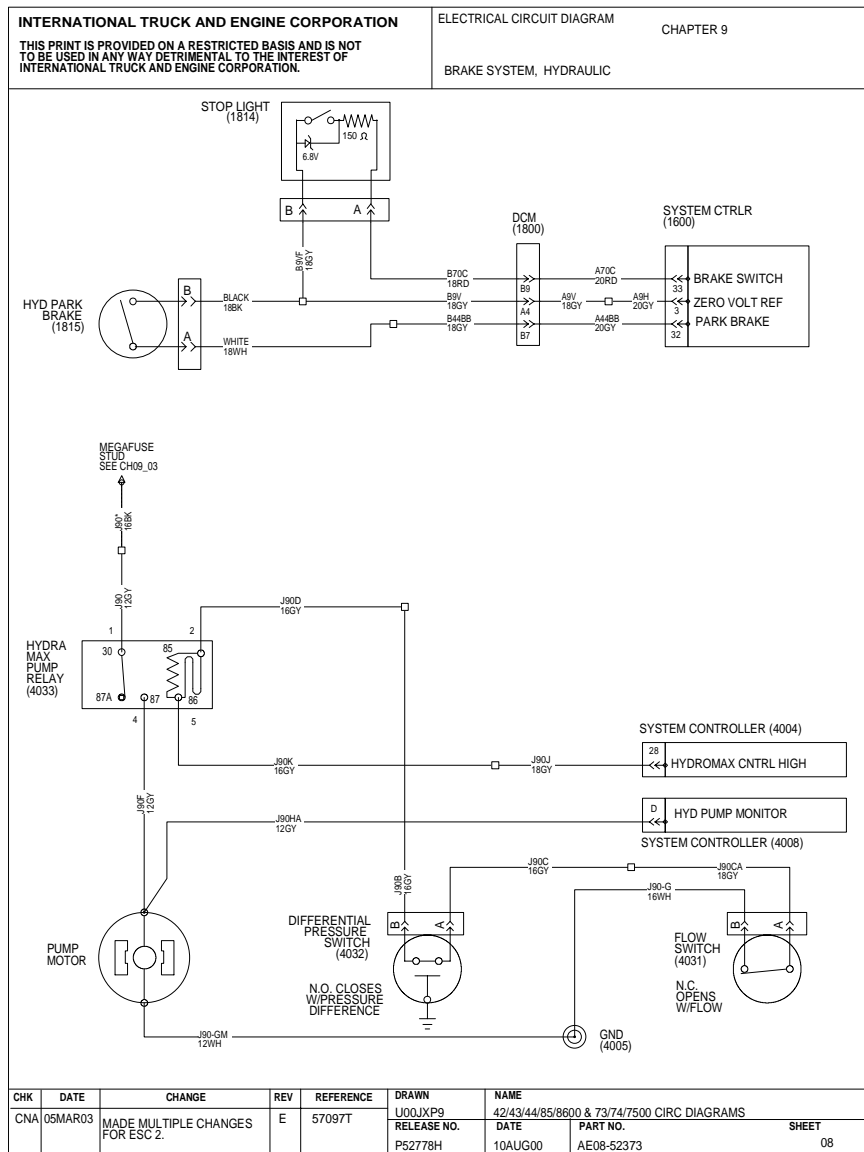


Figure 92 Brake System, Hydraulic

9.9. FUEL TRANSFER PUMP, P. 9

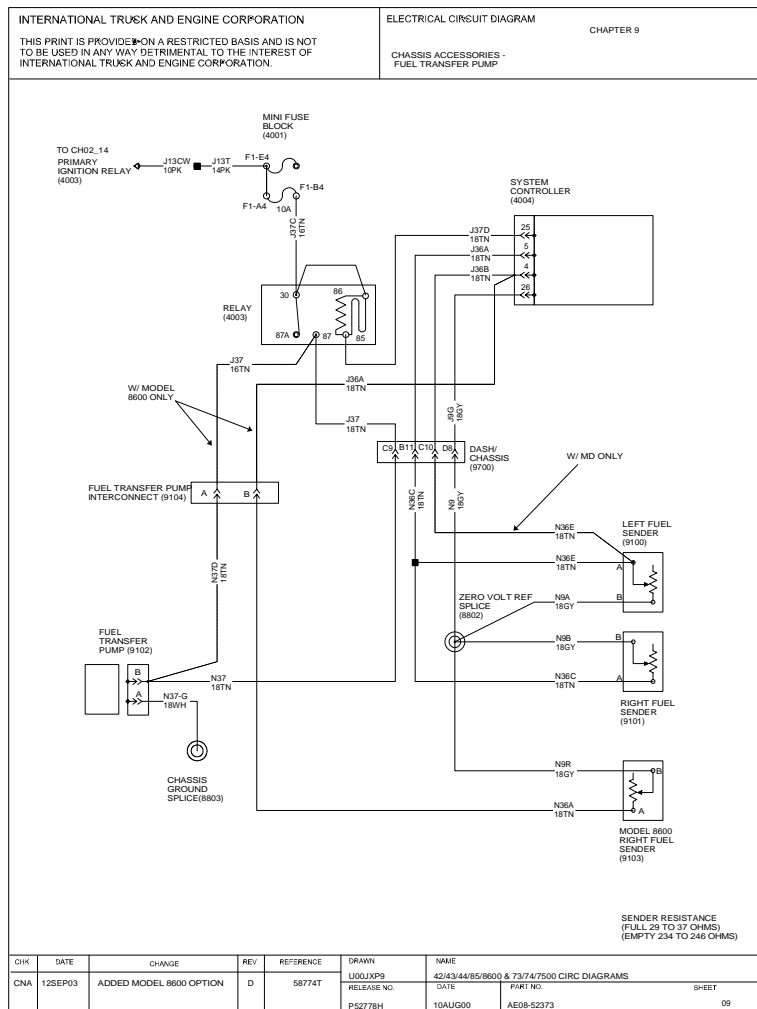


Figure 93 Fuel Transfer Pump

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

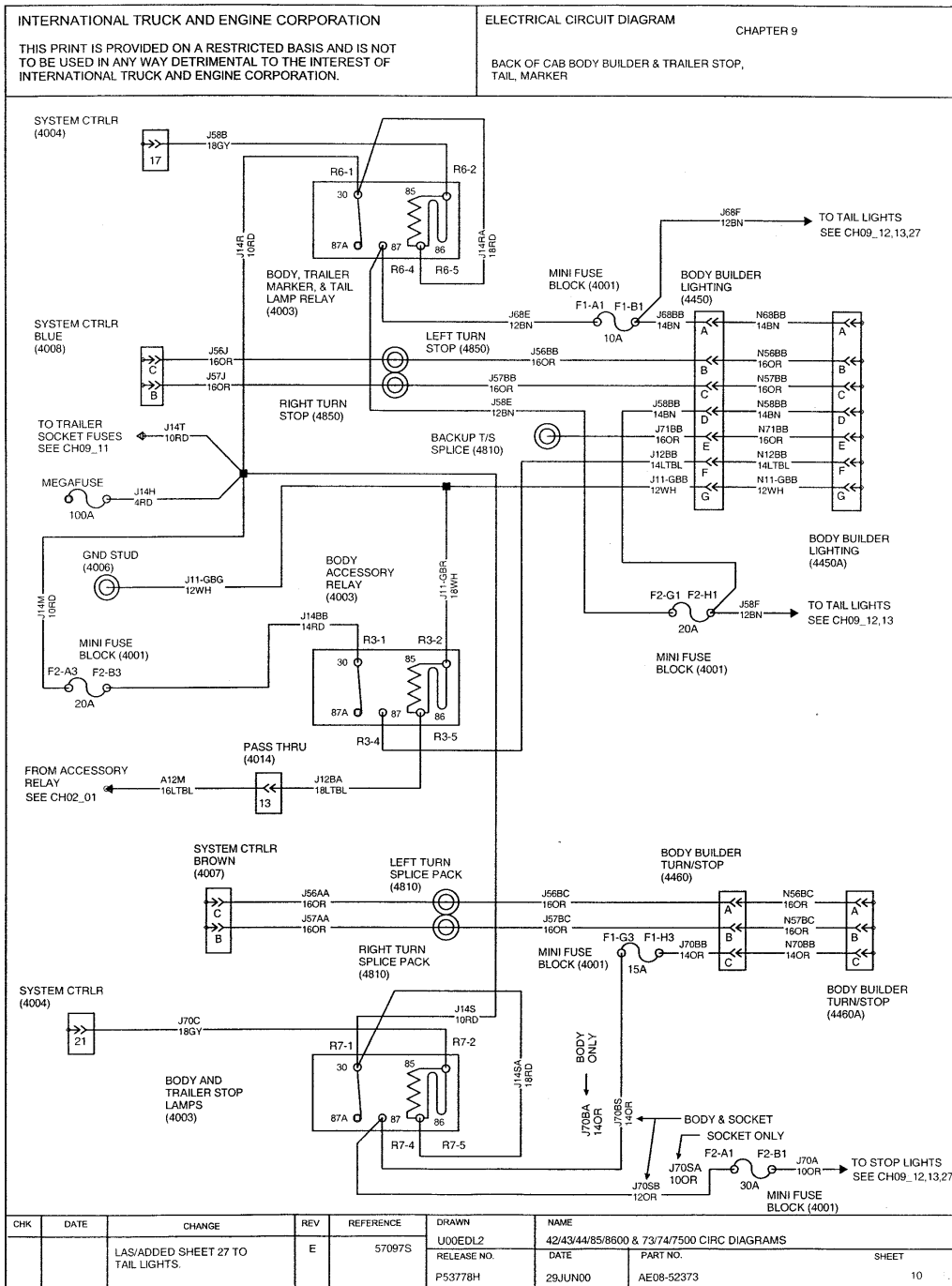


Figure 94 Back of Cab Body Builder and Trailer Stop, Tail, Marker

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

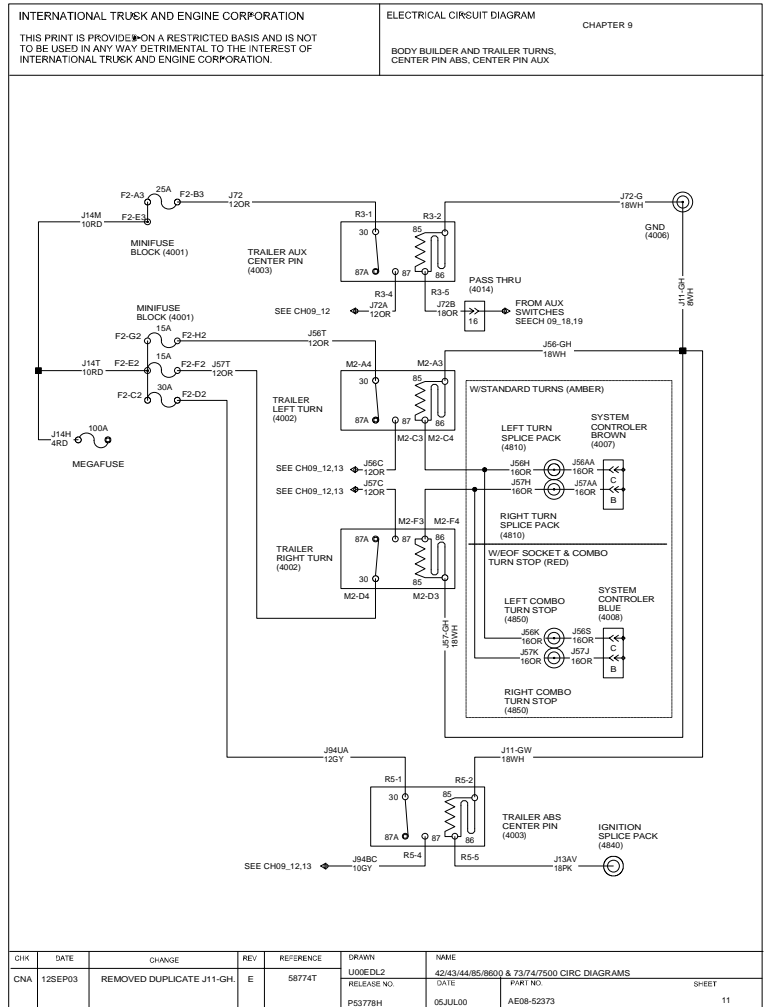


Figure 95 Body Builder and Trailer Turns, Center Pin ABS, Center Pin Aux

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

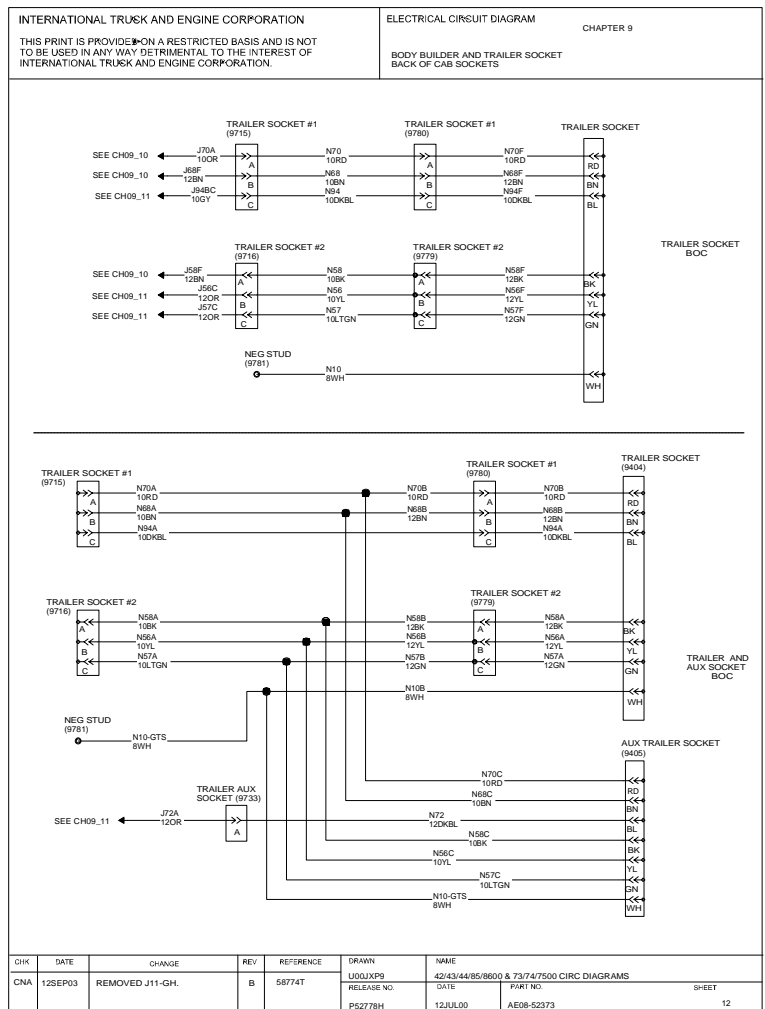


Figure 96 Body Builder and Trailer Socket Back of Cab Sockets

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

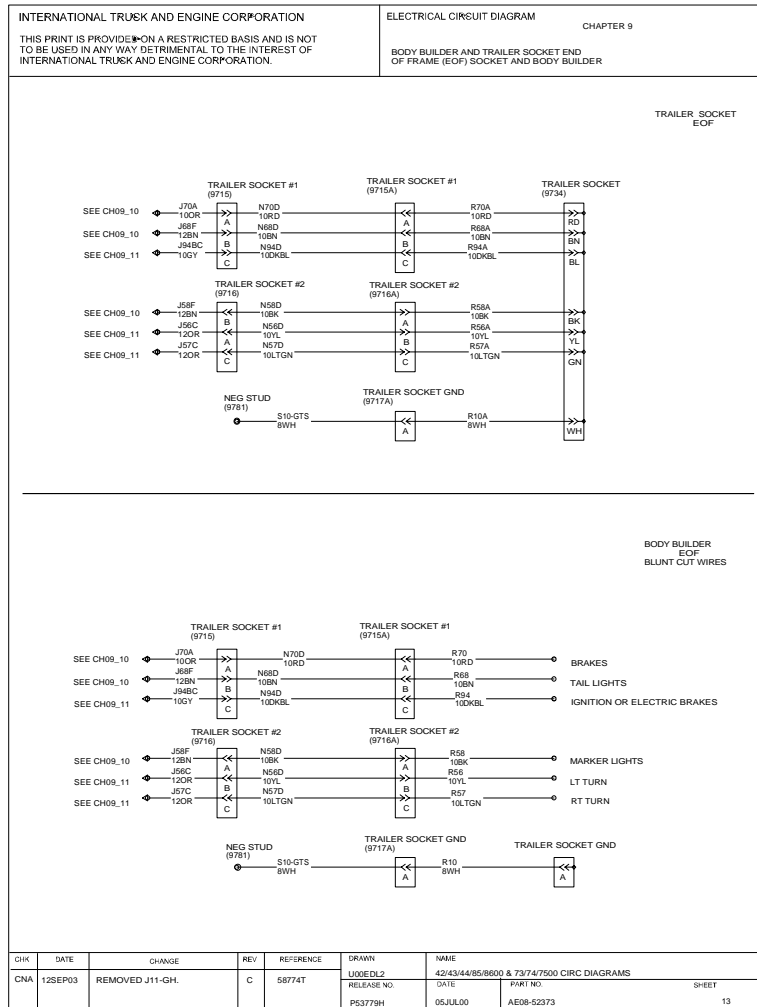


Figure 97 Body Builder and Trailer Socket End of Frame (EOF) Socket and Body Builder

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

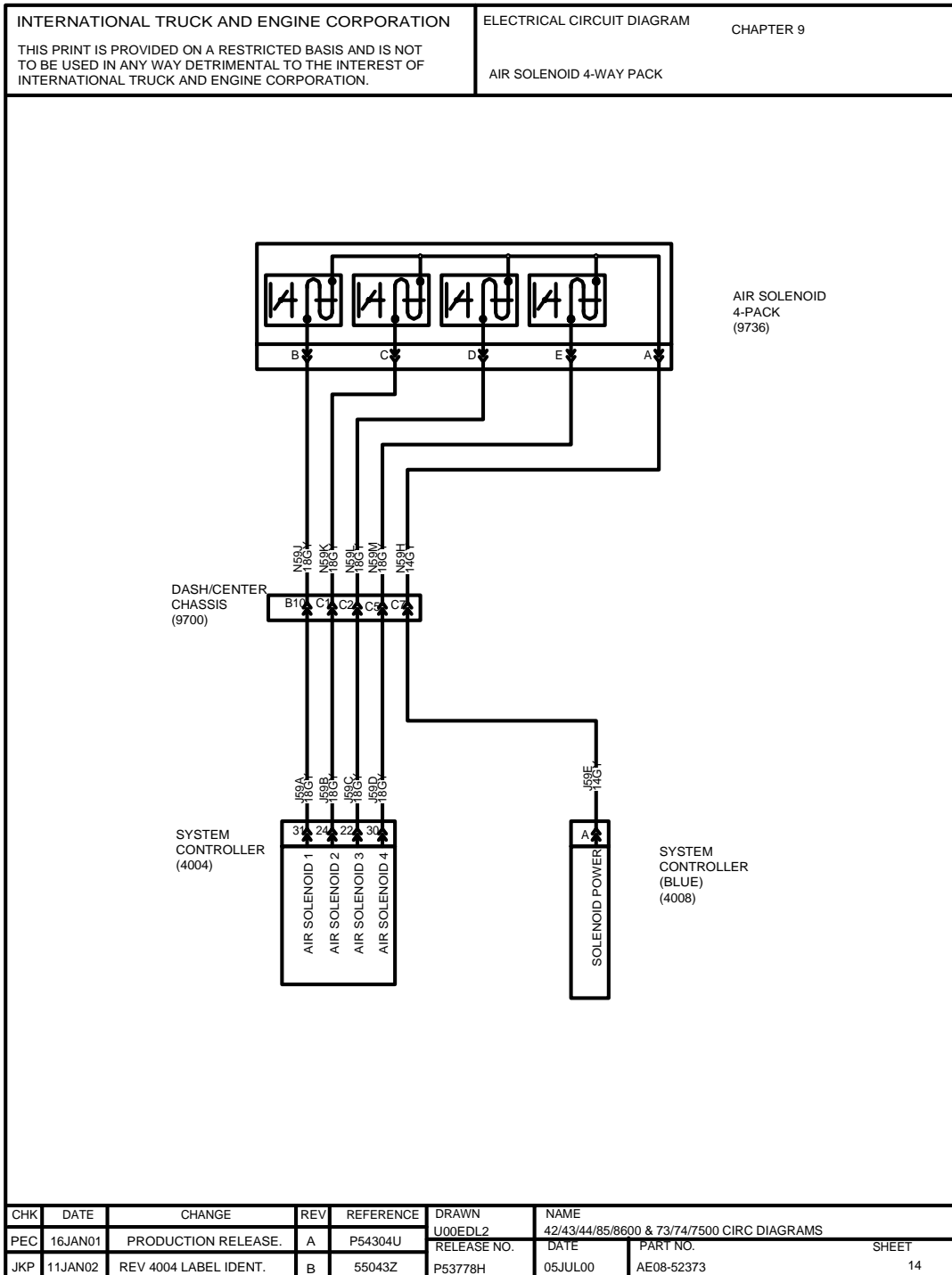


Figure 98 Air Solenoid 4-Way Pack

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

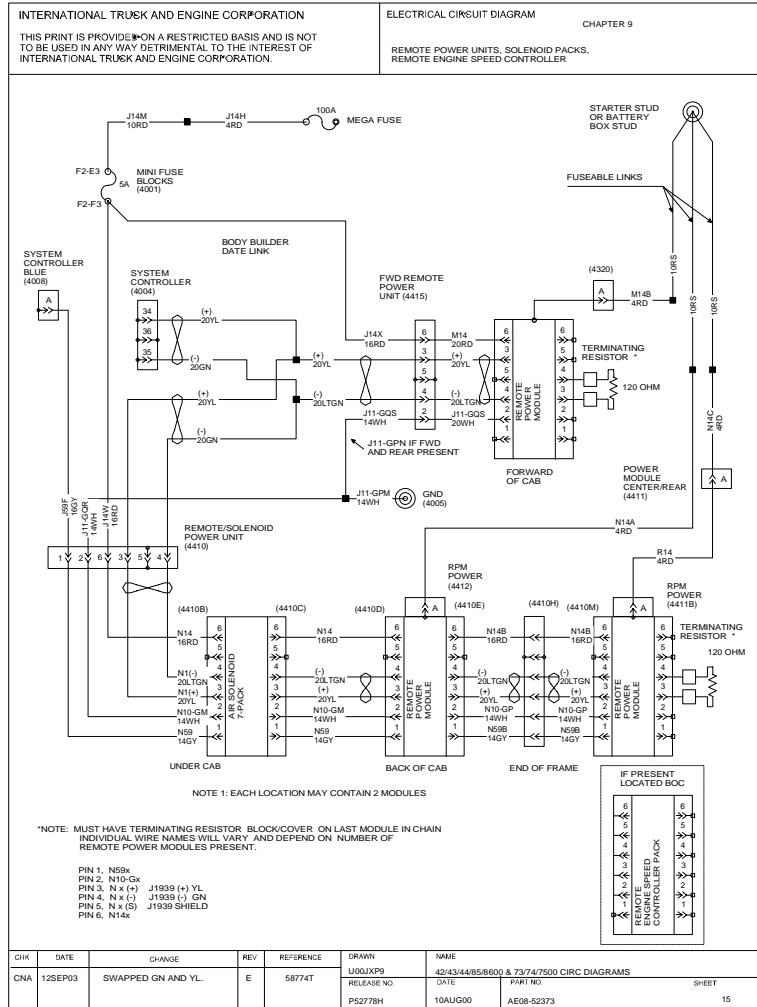


Figure 99 Remote Power Units, Solenoid Packs, Remote Engine Speed Controller

9.16. HYD POWER PARK, P. 16

| | | | | | | | |
|--|---------|---------------------|-----|---|-------------|---|-------------|
| 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 9 CHASSIS ACCESSORIES - HYD POWER PARK | | | |
| 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 100 HYD Power Park

9.17. AIR SUSPENSION, P. 17

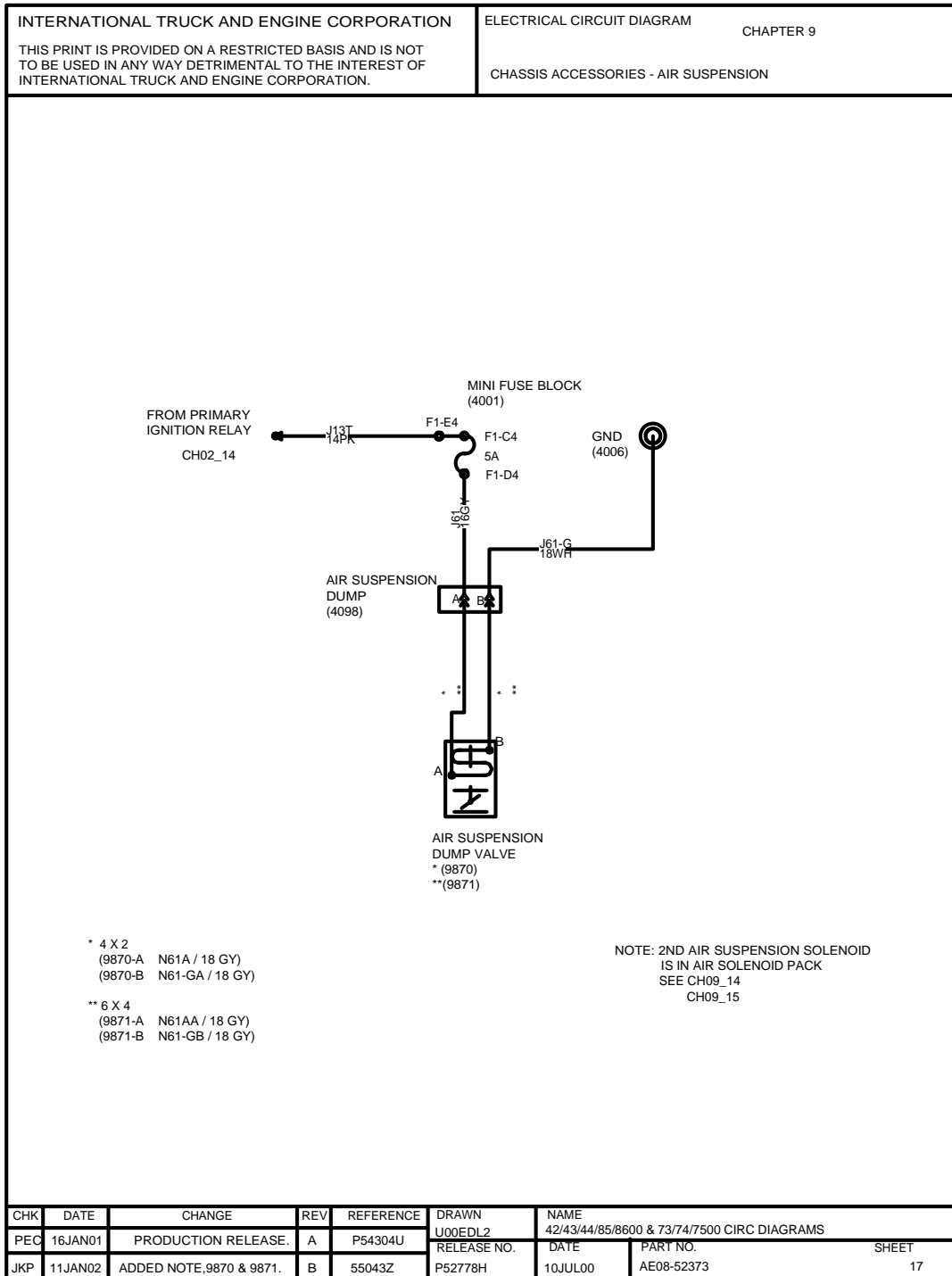


Figure 101 Air Suspension

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

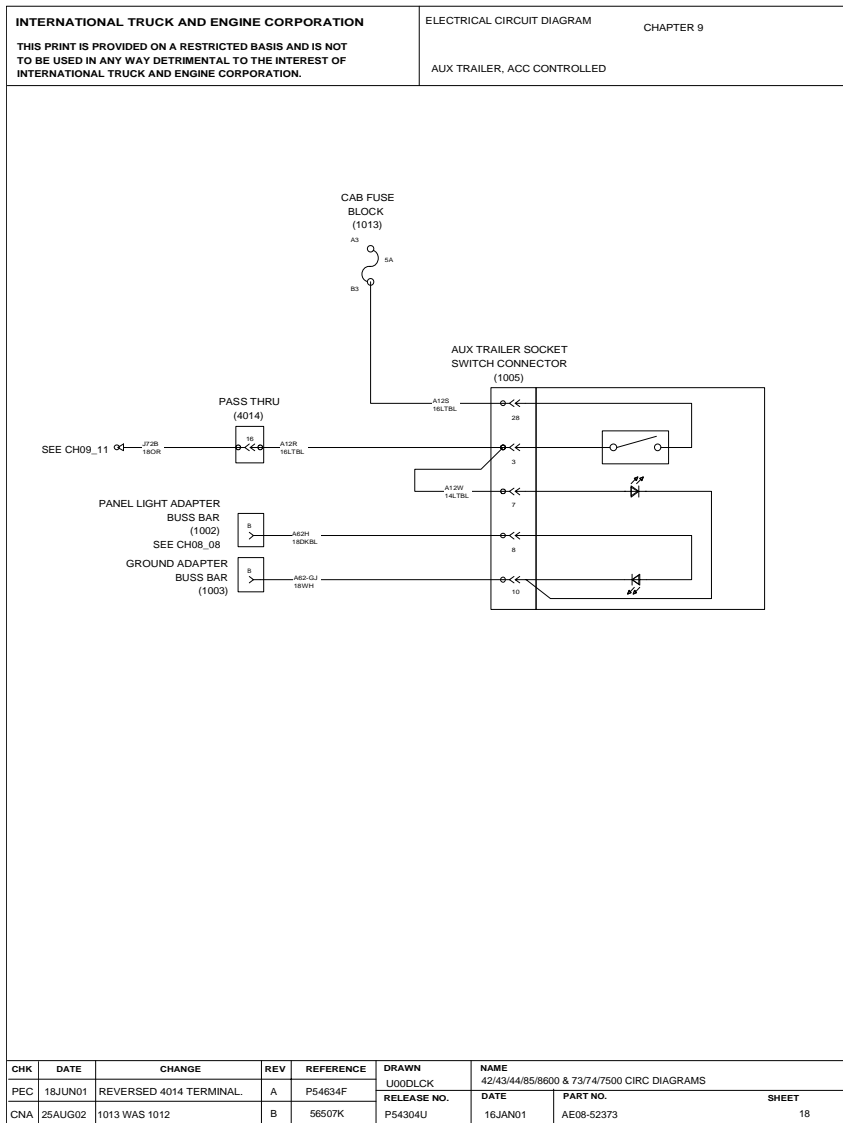


Figure 102 Aux. Trailer, Acc Controlled

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

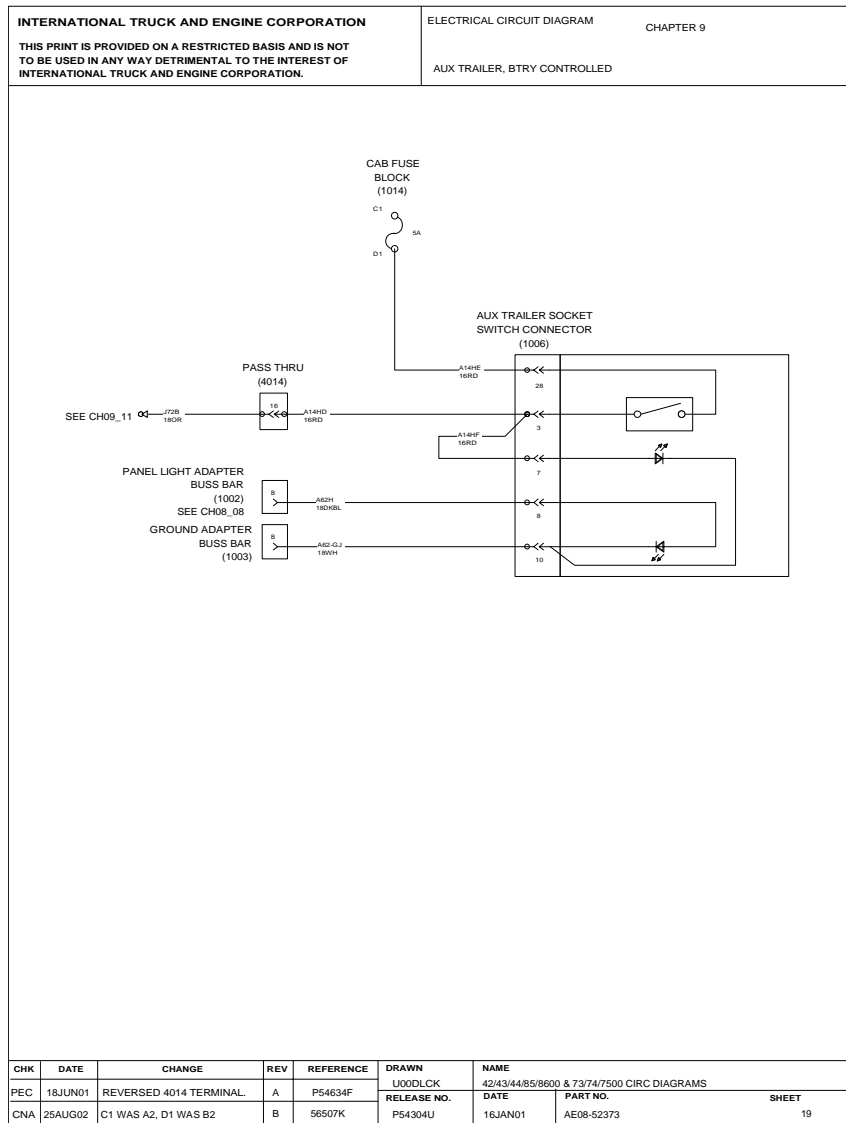


Figure 103 Aux. Trailer, Btry Controlled

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

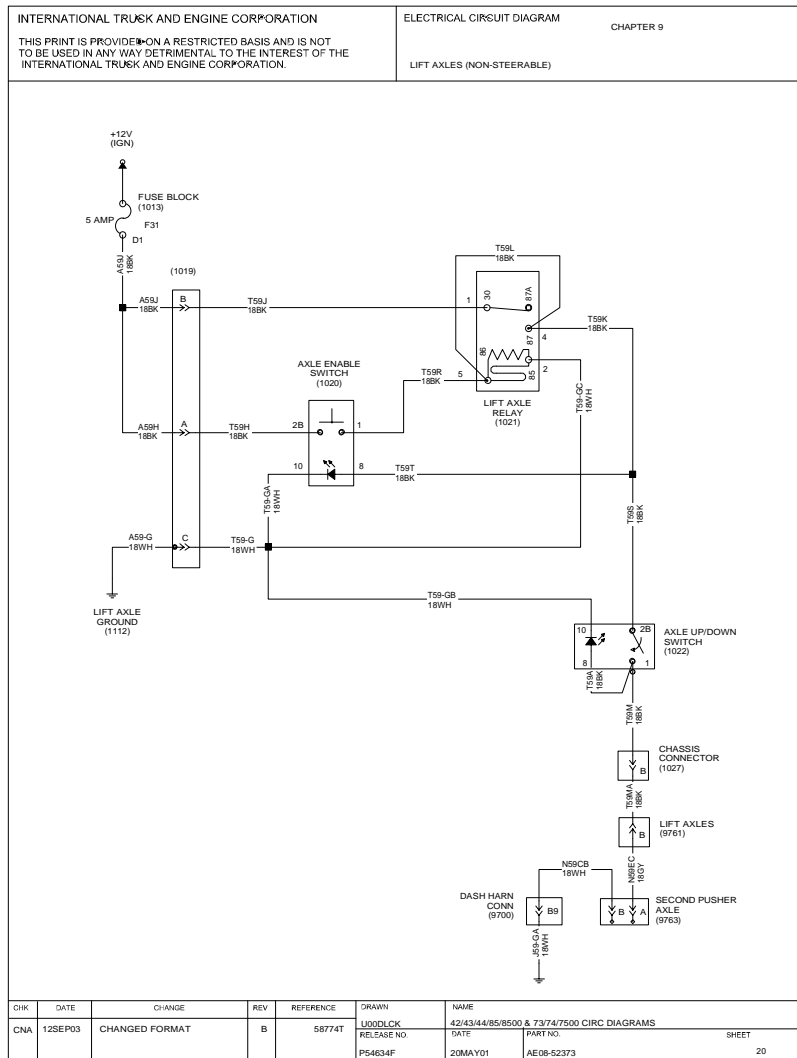


Figure 104 Lift Axles (Non-Steerable)

9.21. LIFT AXLES (STEERABLE), P. 21

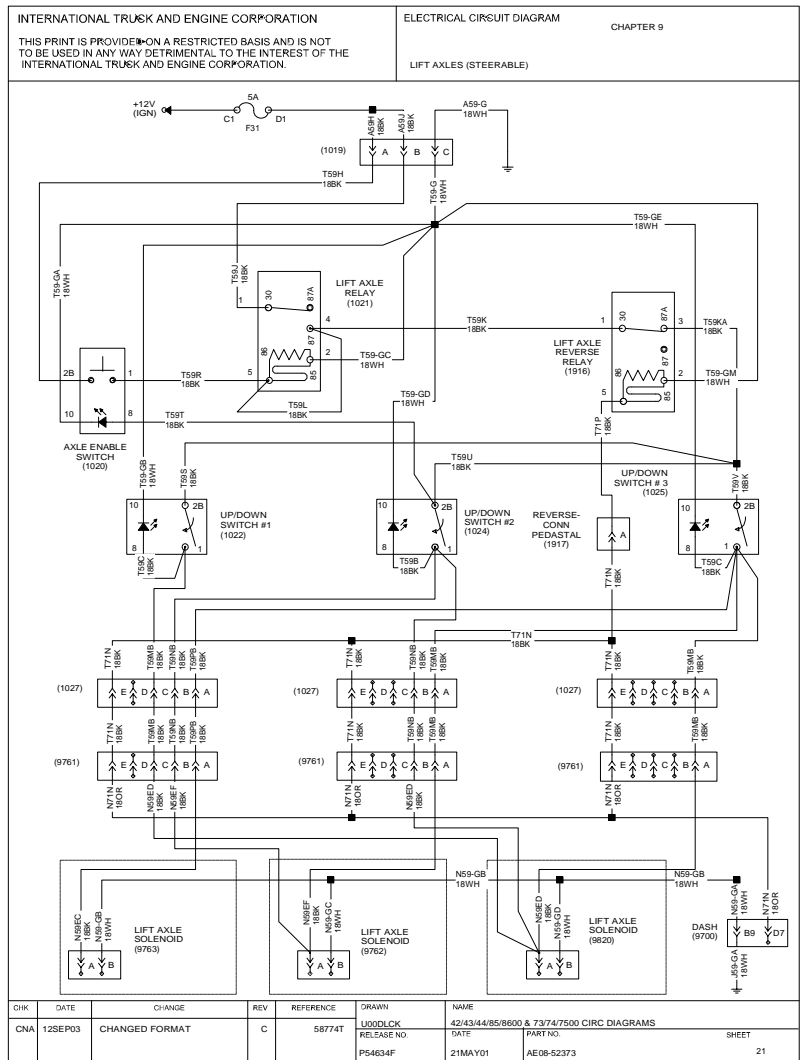


Figure 105 Lift Axles (Non-Steerable)

9.22. AIR ACTUATED PARK BRAKE, P. 22

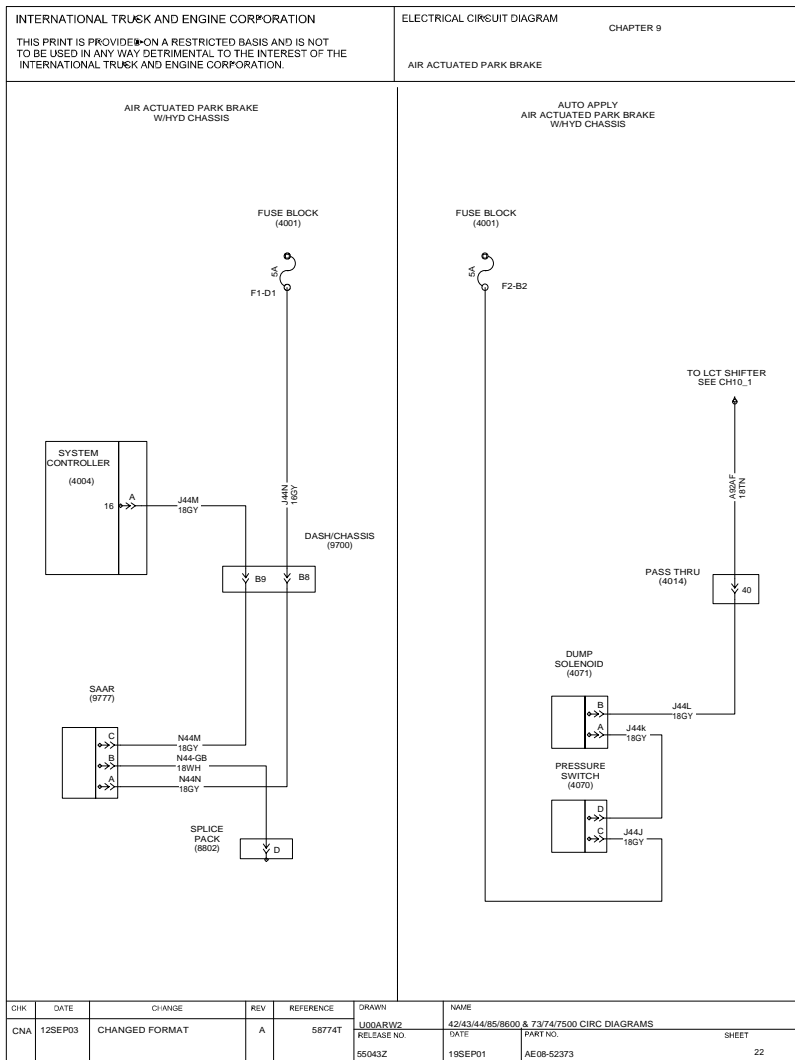


Figure 106 Air Actuated Park Brake

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

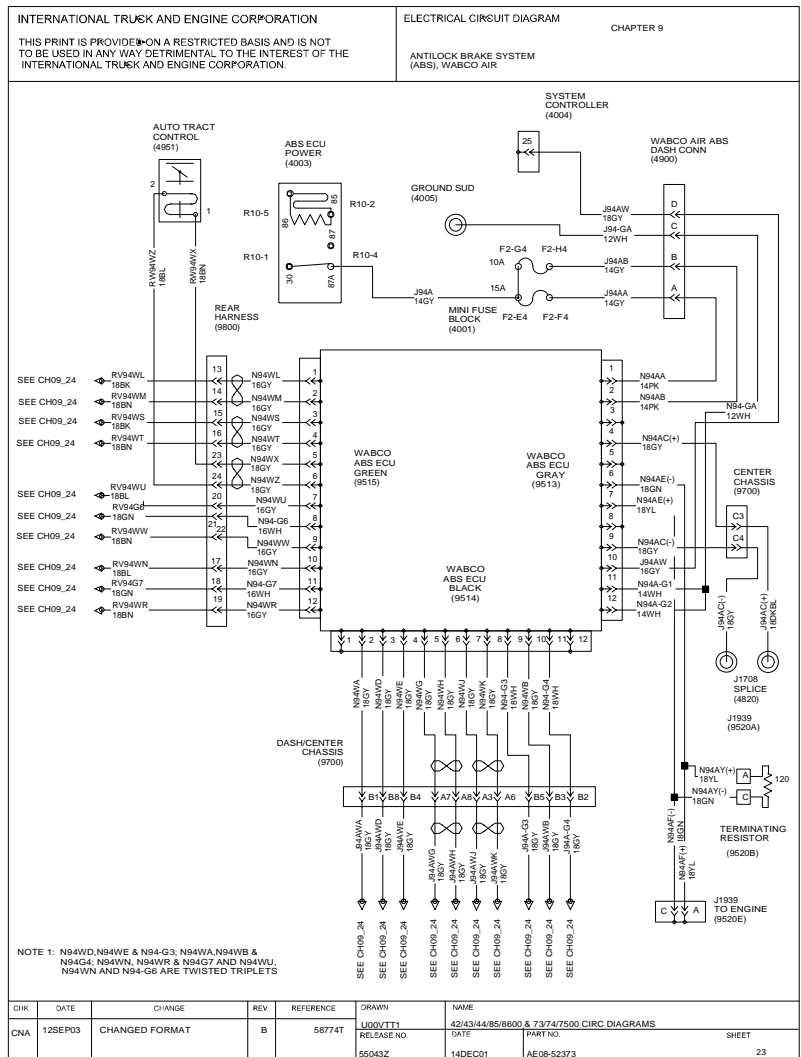


Figure 107 Antilock Brake System, WABCO Air

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

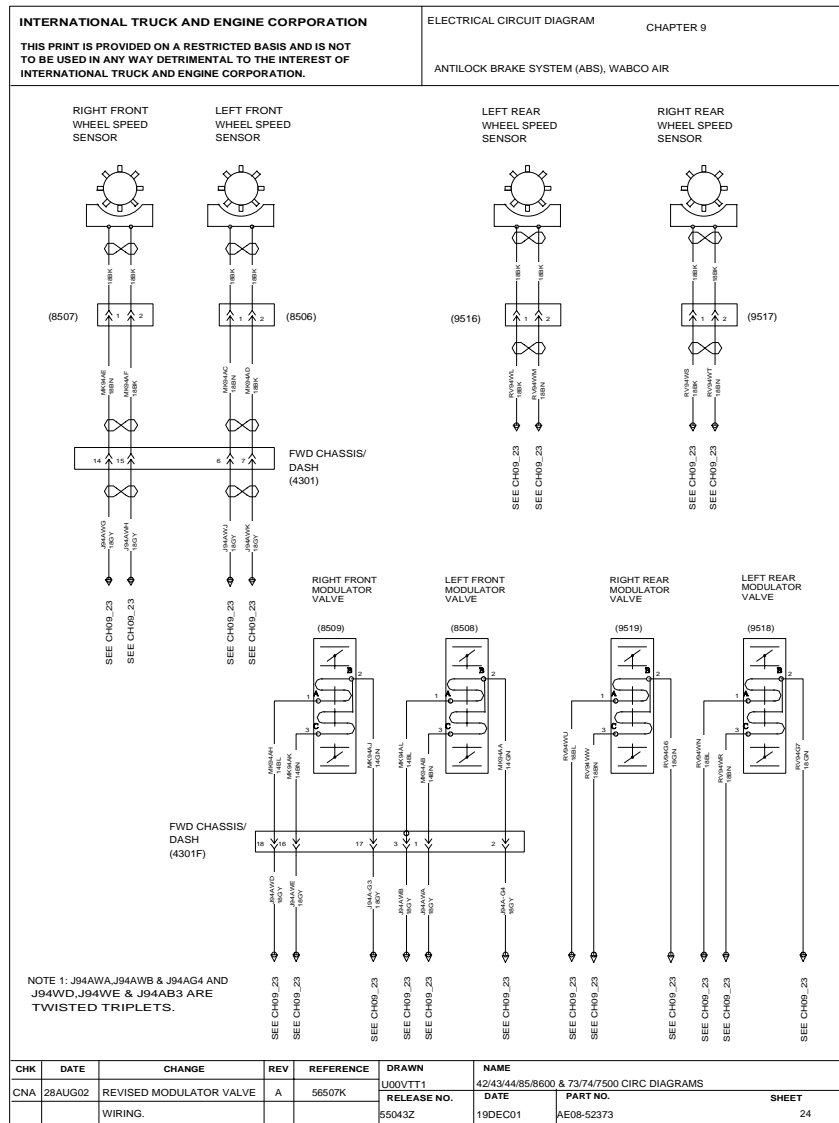


Figure 108 Antilock Brake System, WABCO Air

9.25. LIFT AXLES, WITH NON—STEERABLE FOR SS MODELS, P. 25

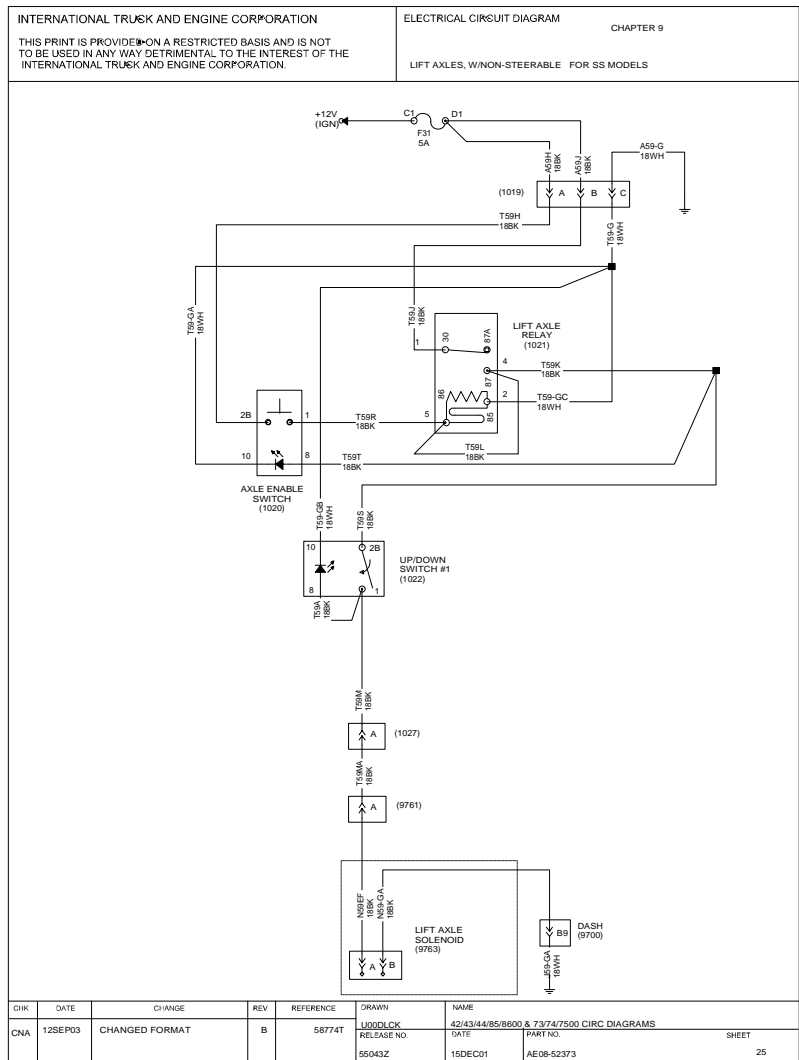


Figure 109 Lift Axles, With Non—Steerable for SS Models

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

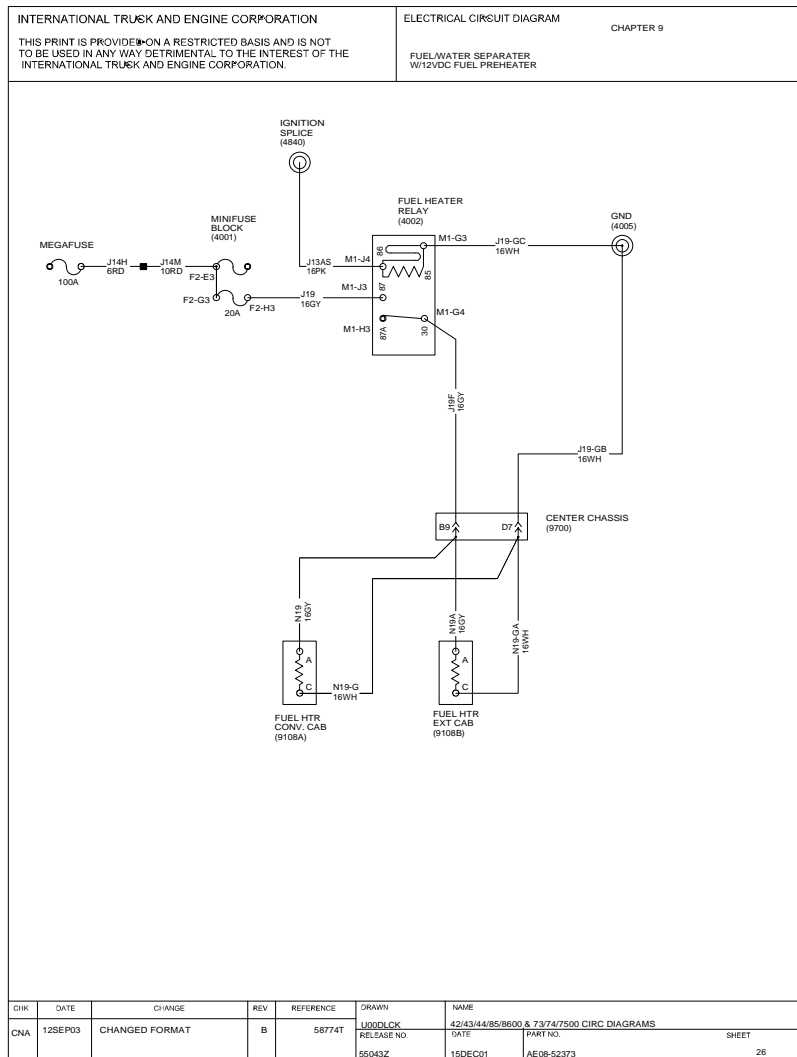


Figure 110 Fuel / Water Separator With 12VDC Fuel Preheater

9.27. ELECTRONIC TRAILER BRAKE ACCOMMODATION, P. 27

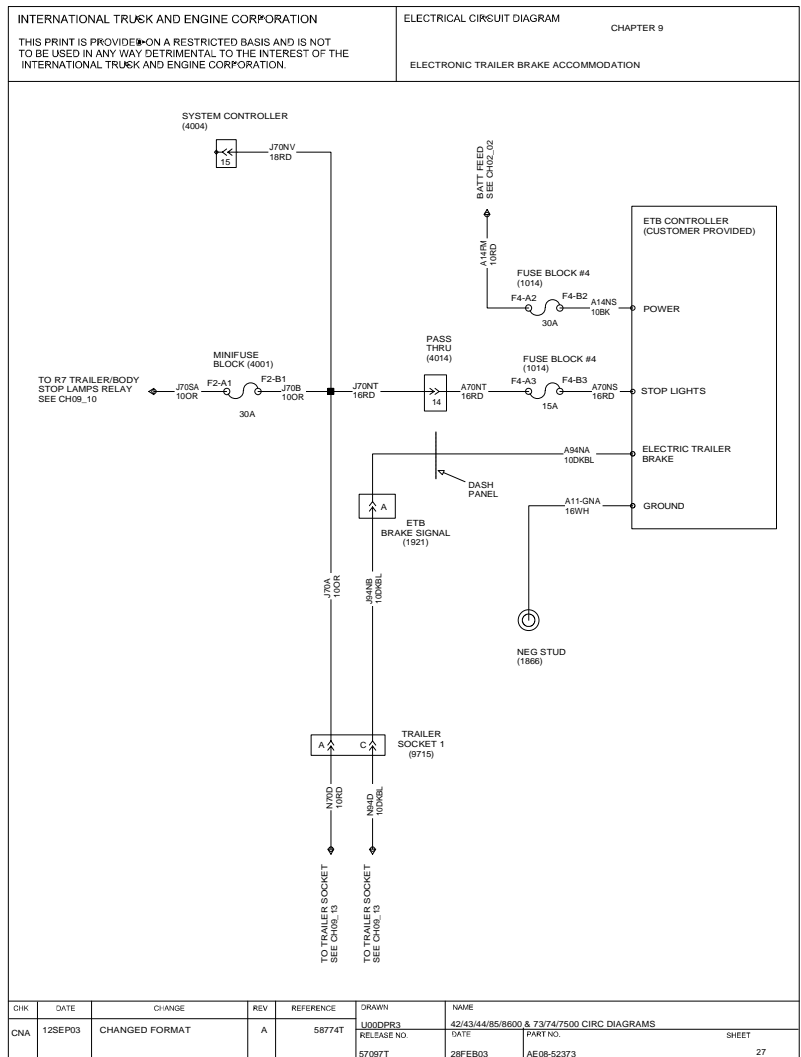


Figure 111 Electronic Trailer Brake Accommodation

9.28. LECTRASHIFT ACCOMMODATION, P. 28

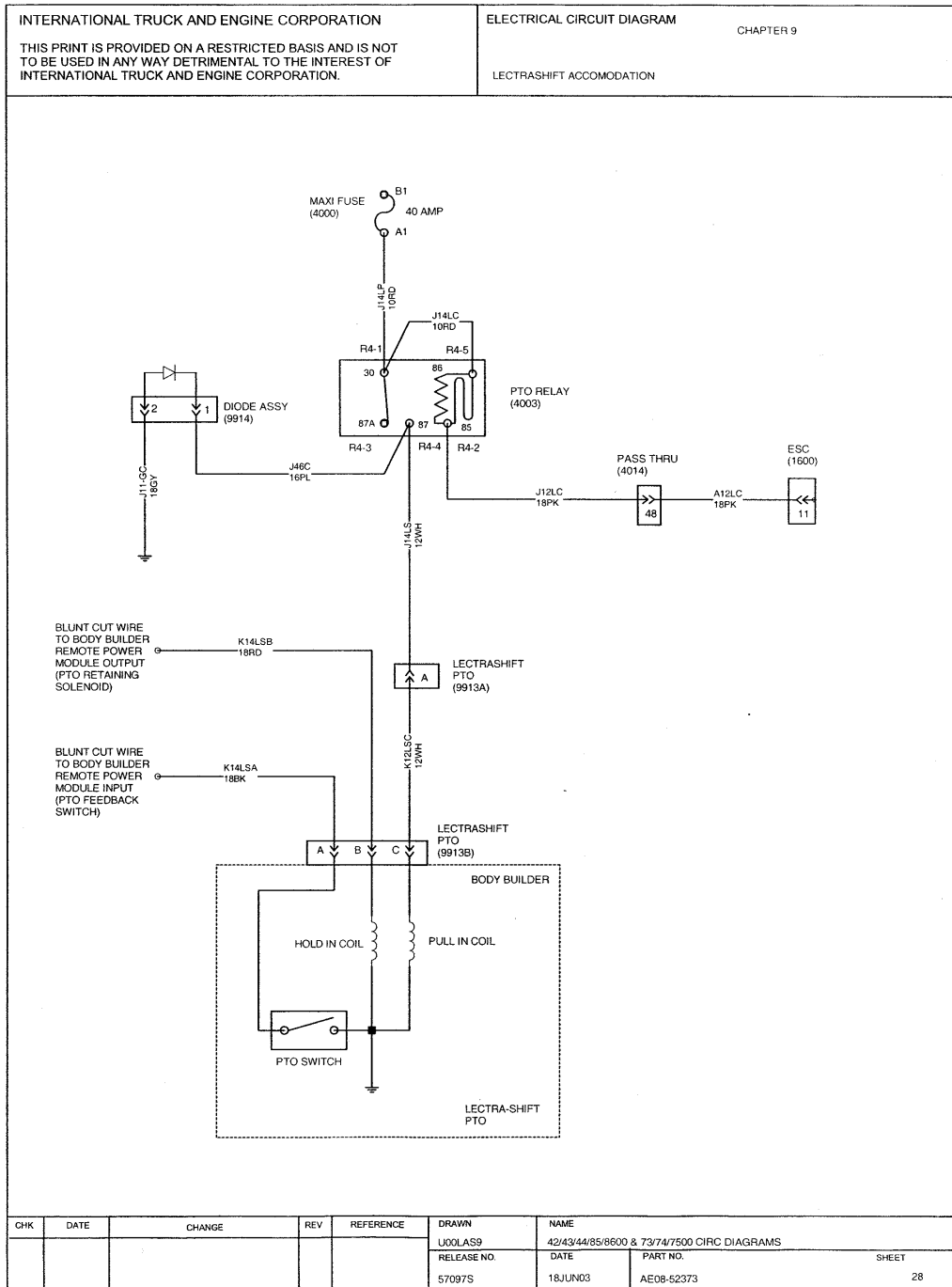


Figure 112 Lectrashift Accommodation

9.29. AUXILIARY 40 AMP CIRCUIT, P. 29

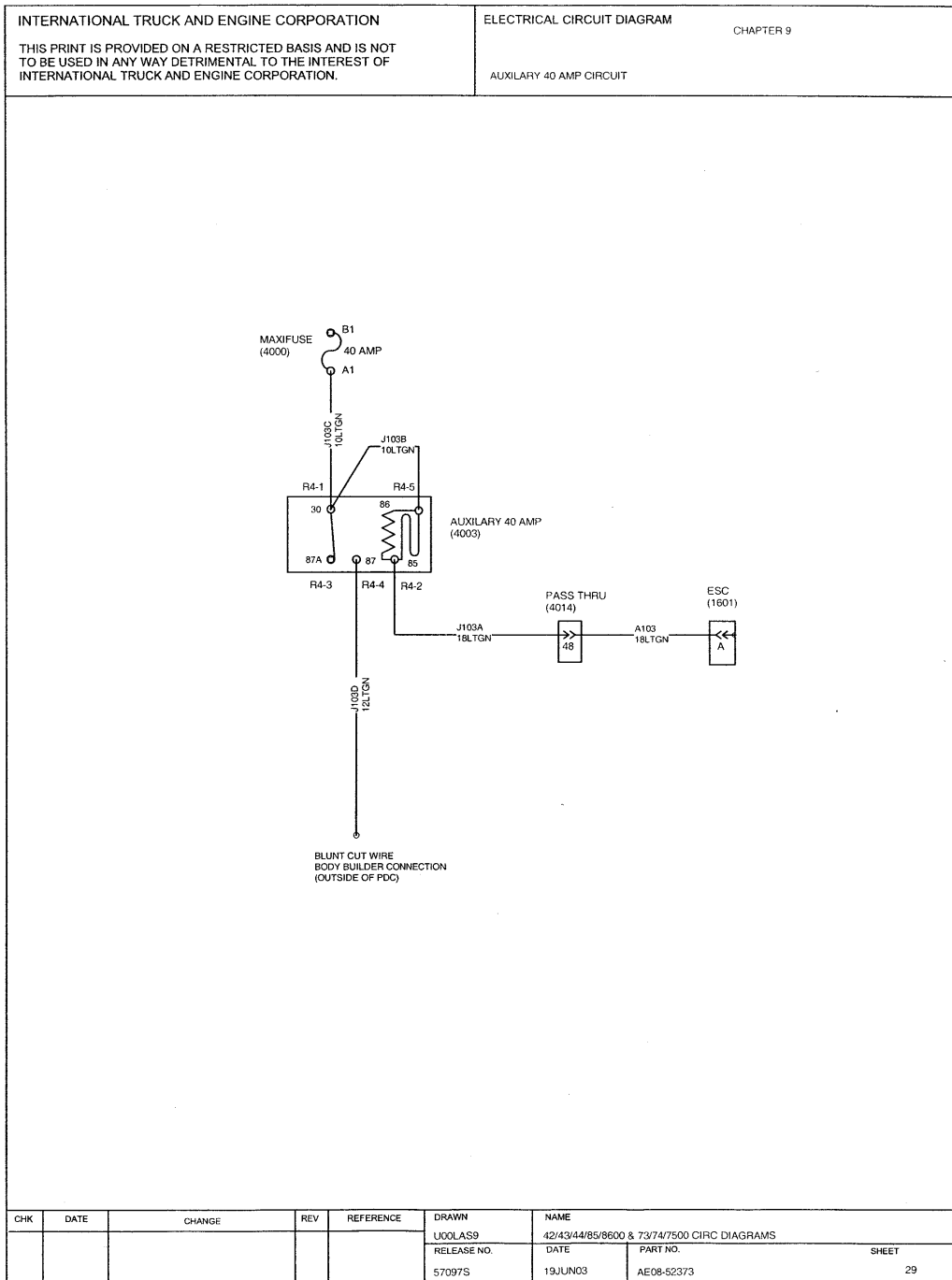


Figure 113 Auxiliary 40 Amp Circuit

9.30. HOURMETER, CUSTOMER MOUNTED PTO, P. 30

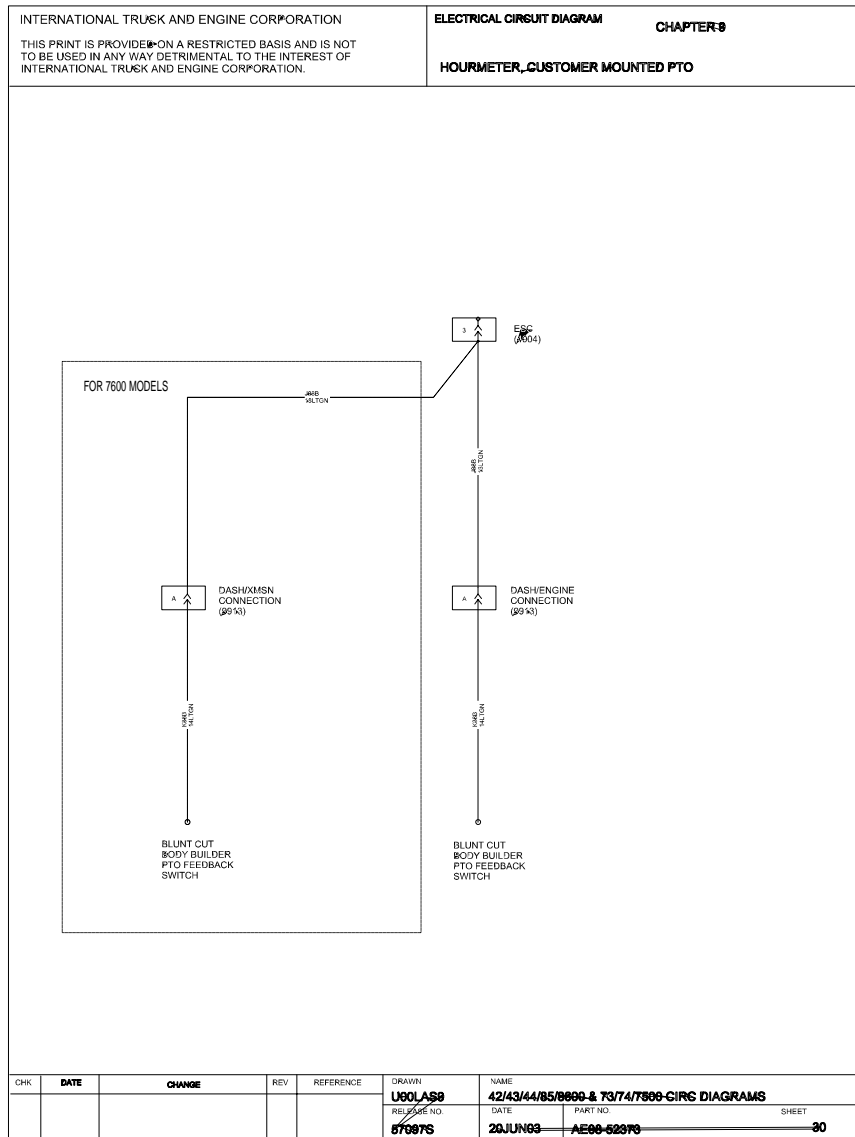


Figure 114 Hourmeter, Customer Mounted PTO

9.31. REMOTE START/ STOP, P. 31

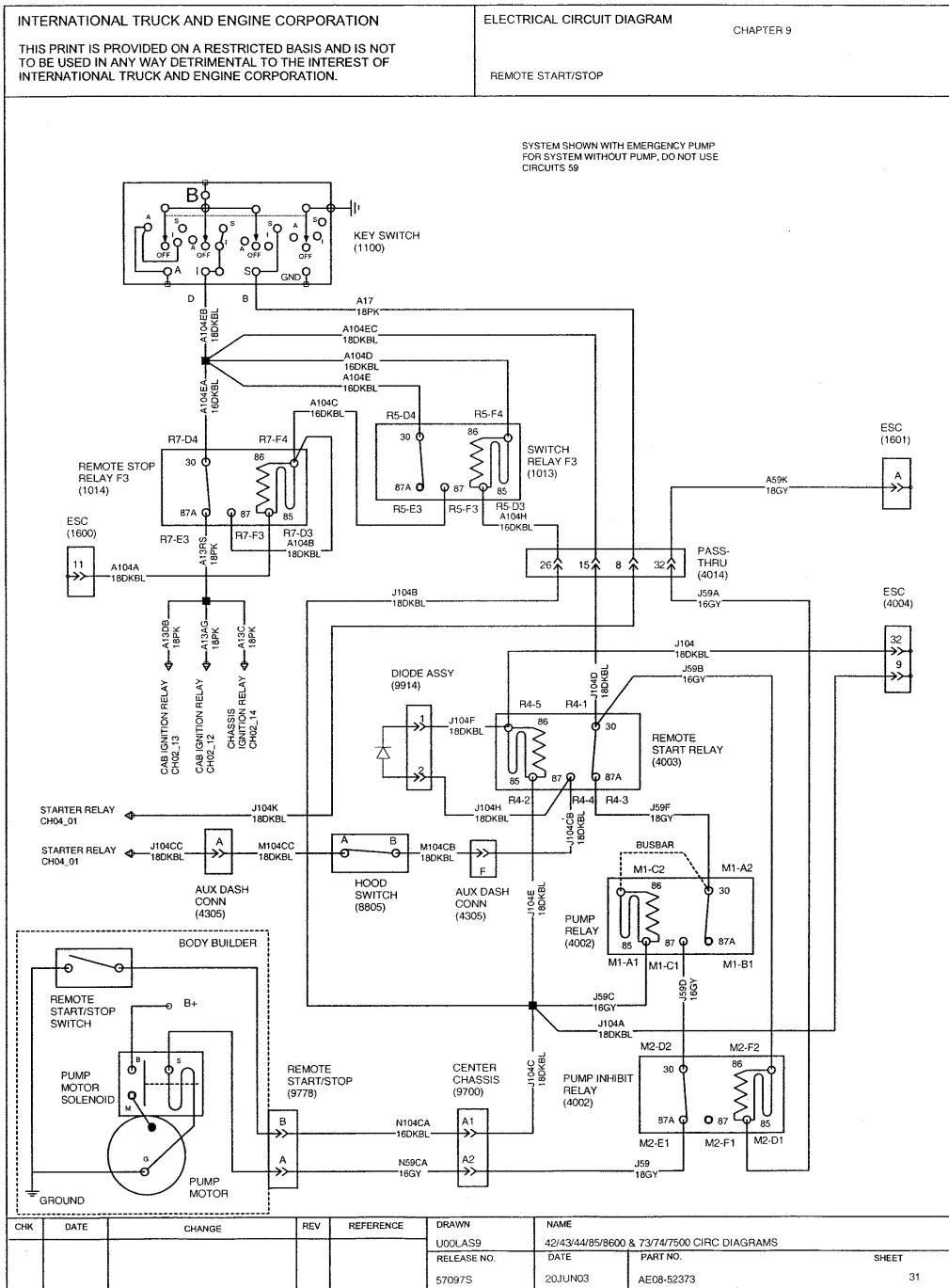


Figure 115 Remote Start/ Stop

9.32. LIFT AXLE WITH 14RAR, P. 32

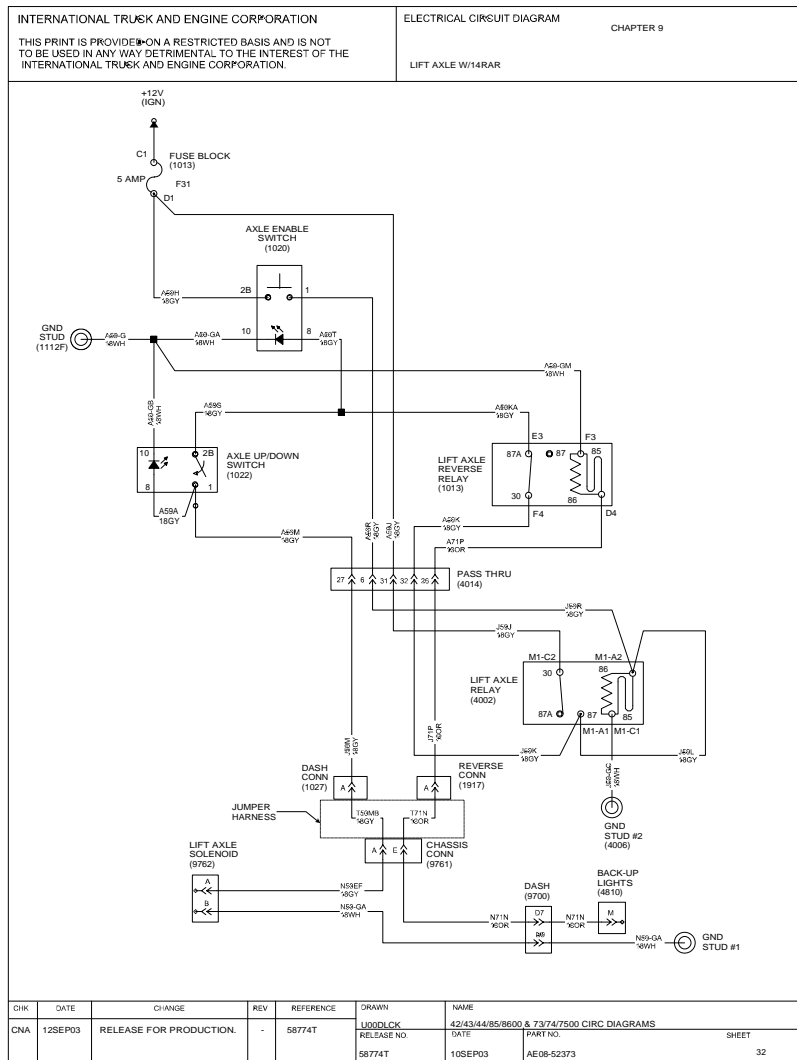


Figure 116 Lift Axle with 14RAR

9.33. LIFT GATE, P. 33

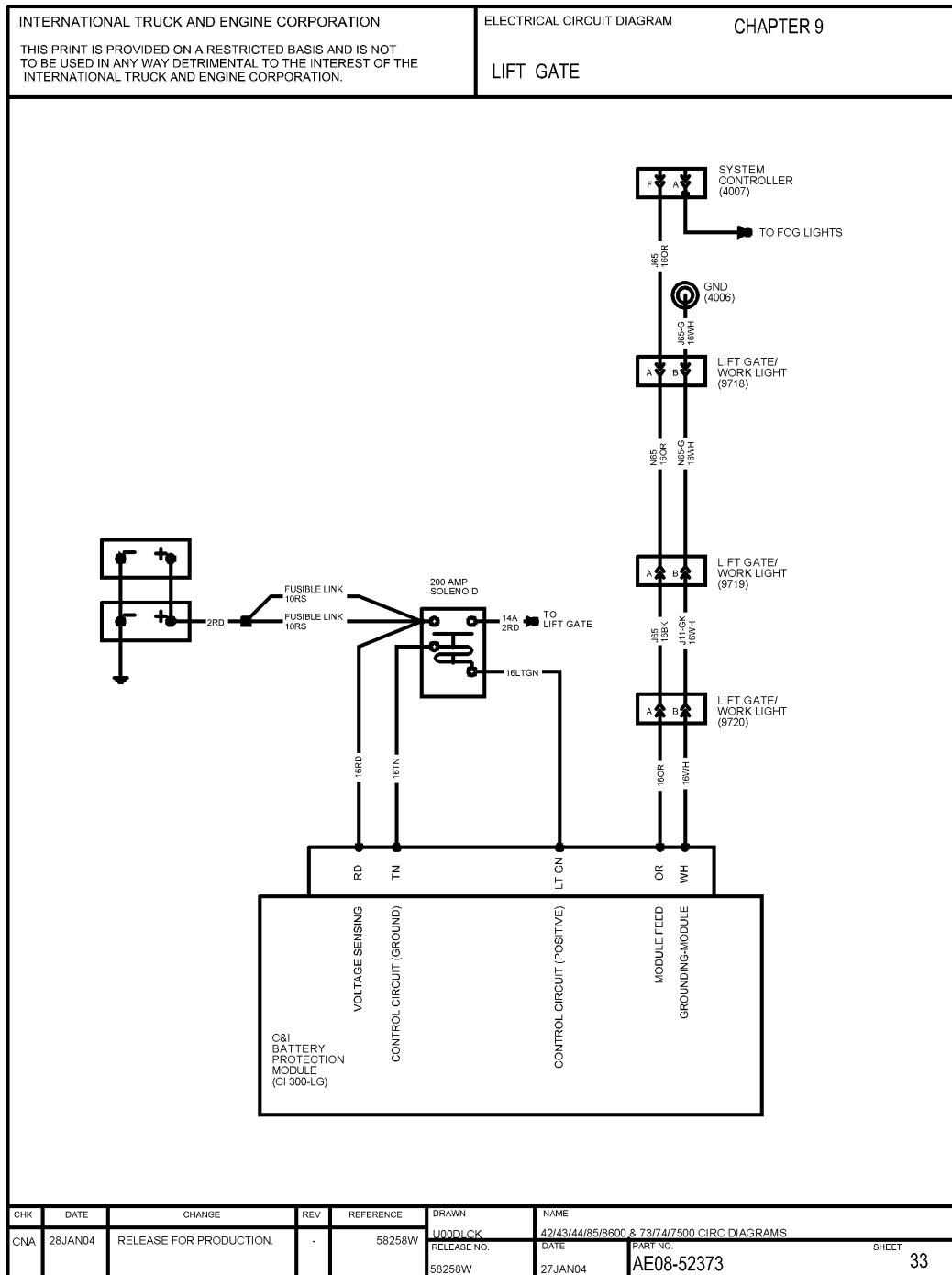


Figure 117 Lift Gate

10. TRANSMISSIONS (CHAPTER 10)

10.1. ALLISON LCT TRANSMISSION OR ALLISON 1000, 2000, 2400, P. 1

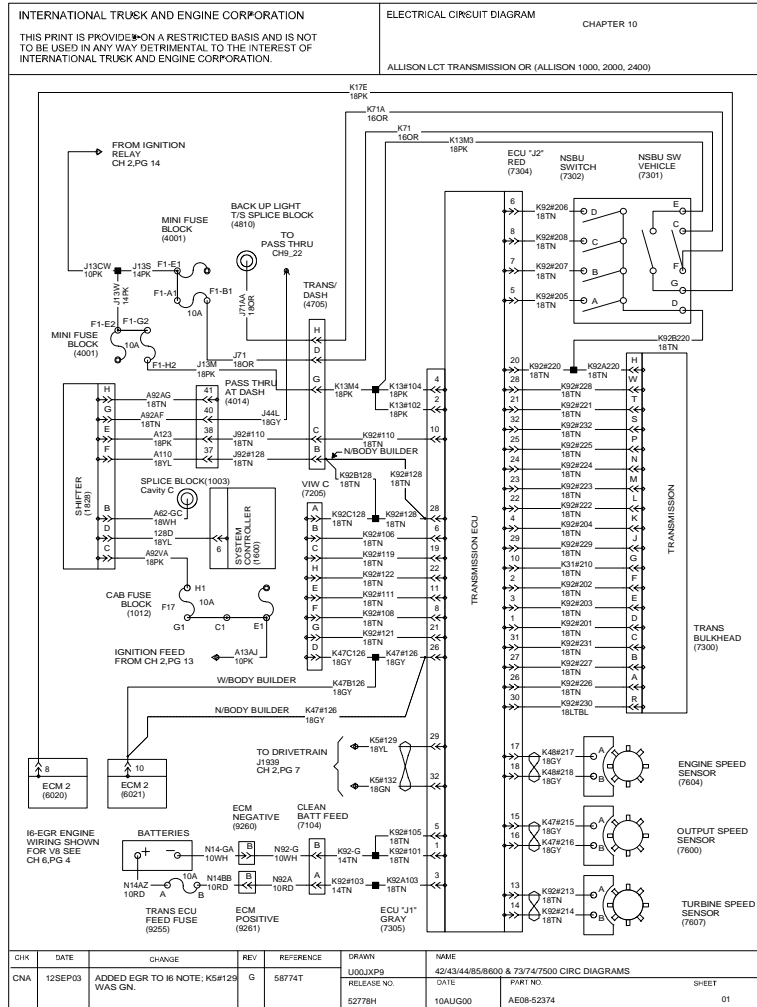


Figure 118 Allison LCT Transmission or Allison 1000, 2000, 2400

10.2. ALLISON MD TRANSMISSION, P. 2

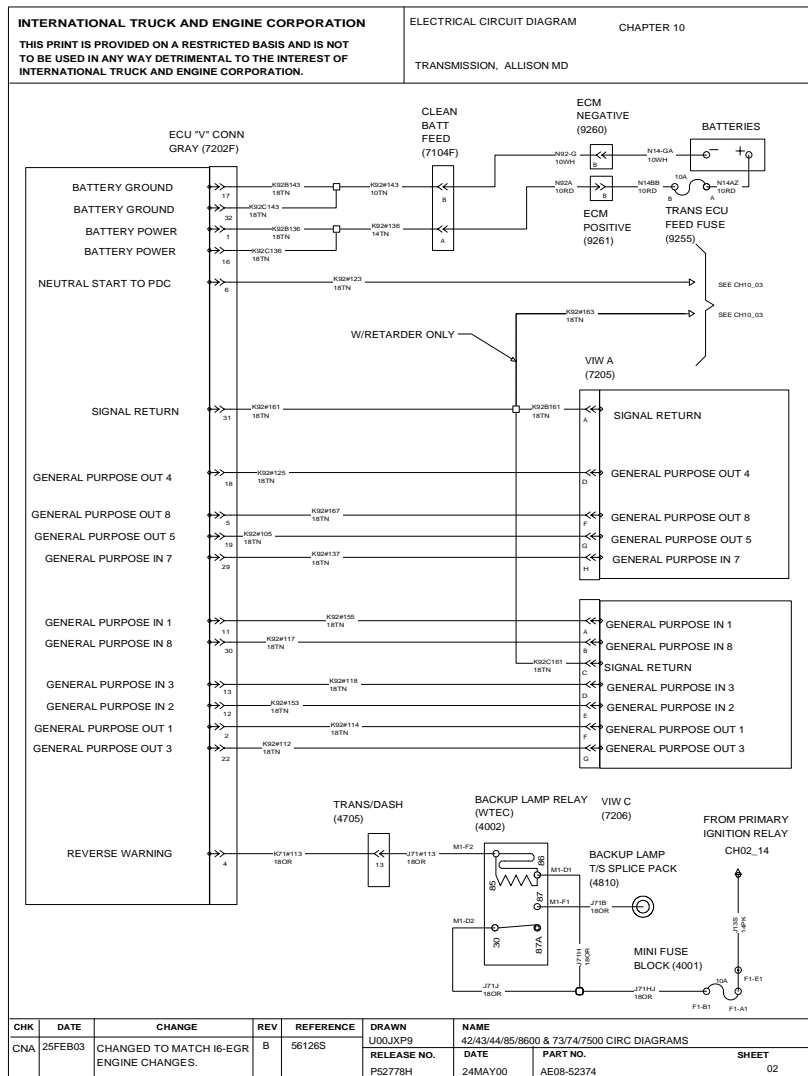


Figure 119 Allison MD Transmission

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

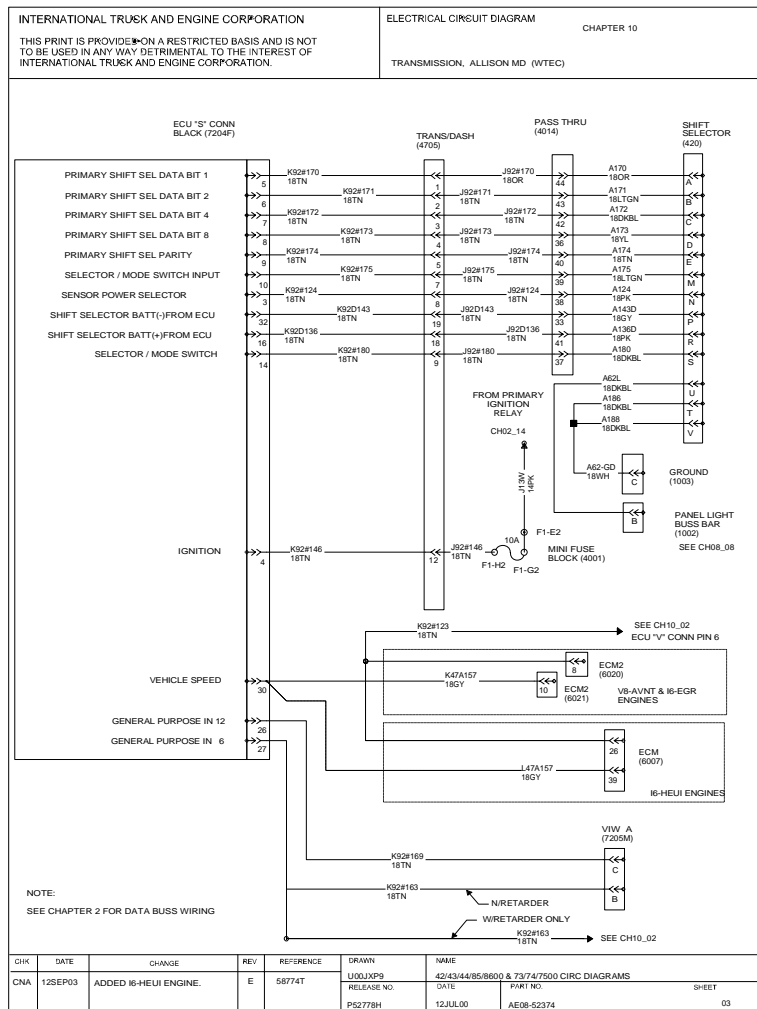


Figure 120 Allison MD Transmission (WTEC)

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

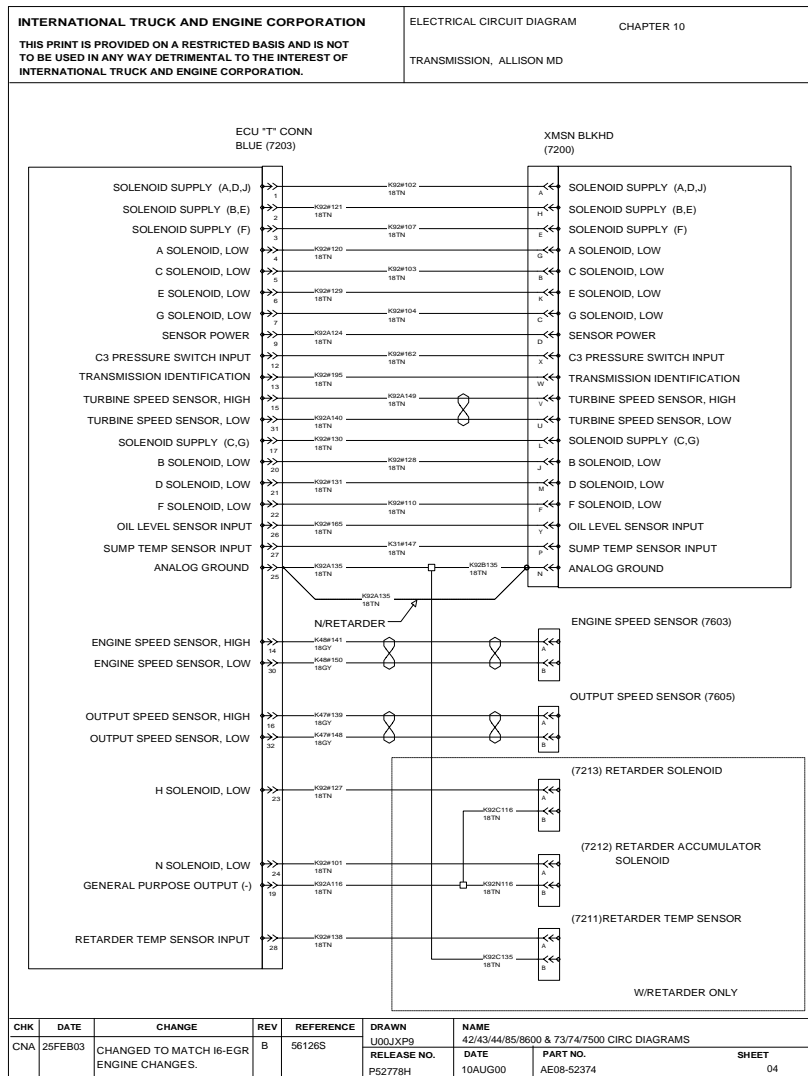


Figure 121 Allison MD Transmission (Cont.)

| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME |
|-----|---------|---|-----|-----------|-----------------------------------|---|
| CNA | 25FEB03 | CHANGED TO MATCH I6-EGR ENGINE CHANGES. | B | 56126S | U00JXP9 RELEASE NO. P52778H | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS DATE 10AUG00 PART NO. AE08-52374 SHEET 04 |

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

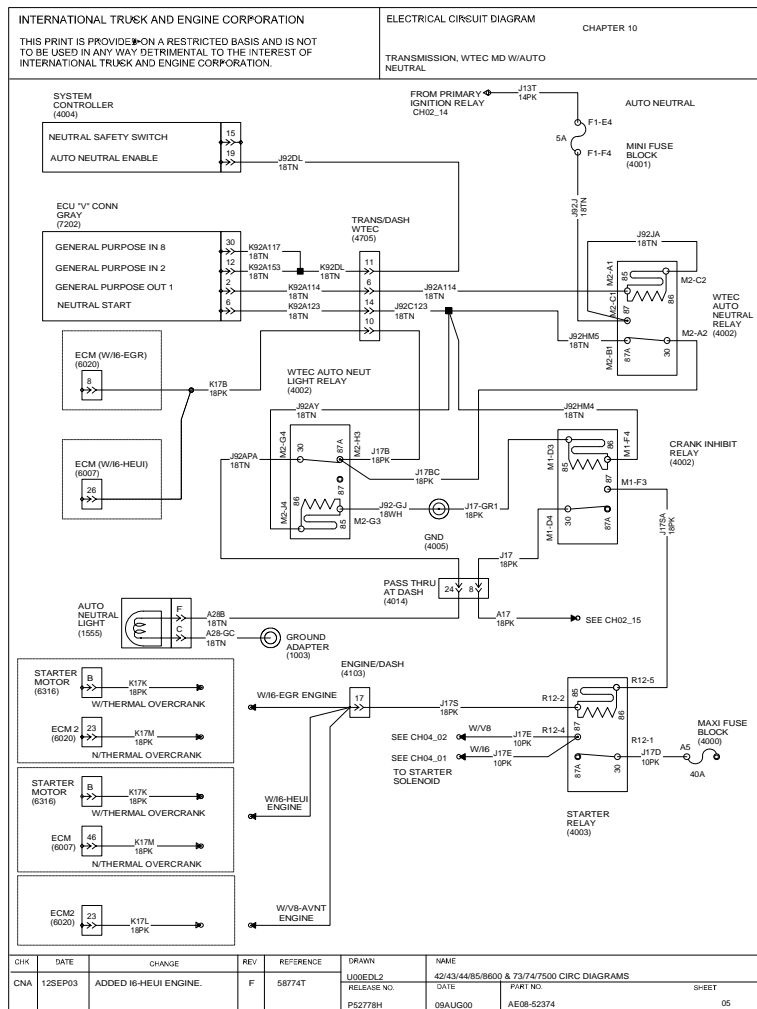


Figure 122 Transmission, WTEC MD W/Auto Neutral

10.6. EATON AUTOSHIFT TRANSMISSION, P. 6

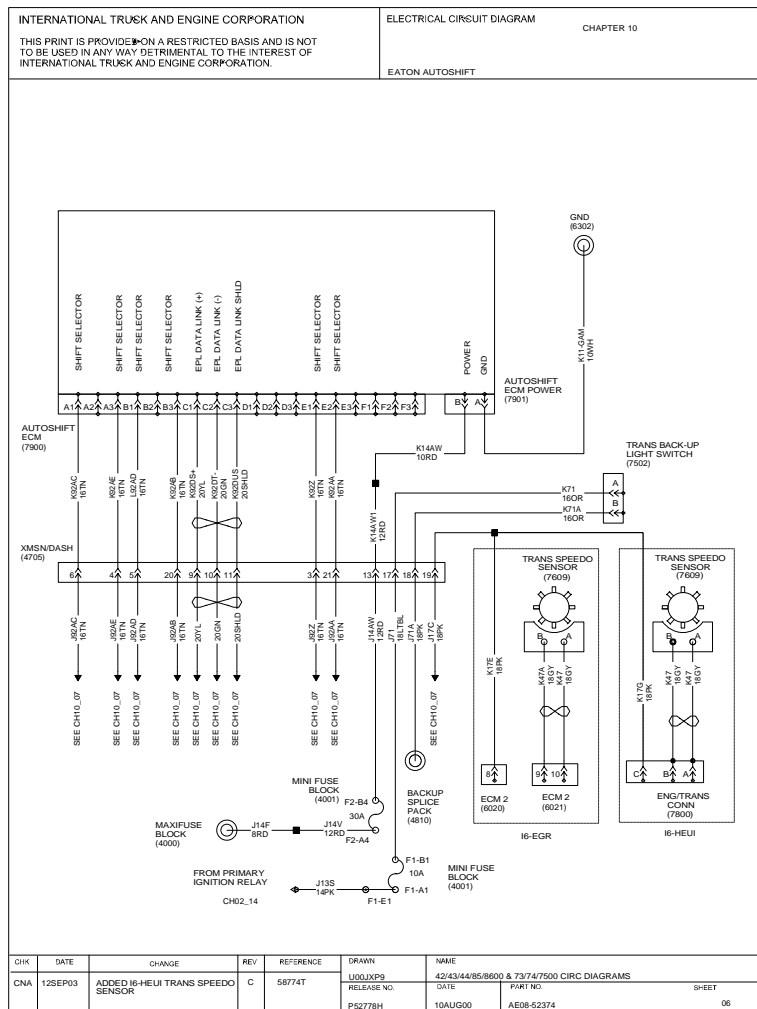


Figure 123 Eaton Autoshift Transmission

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

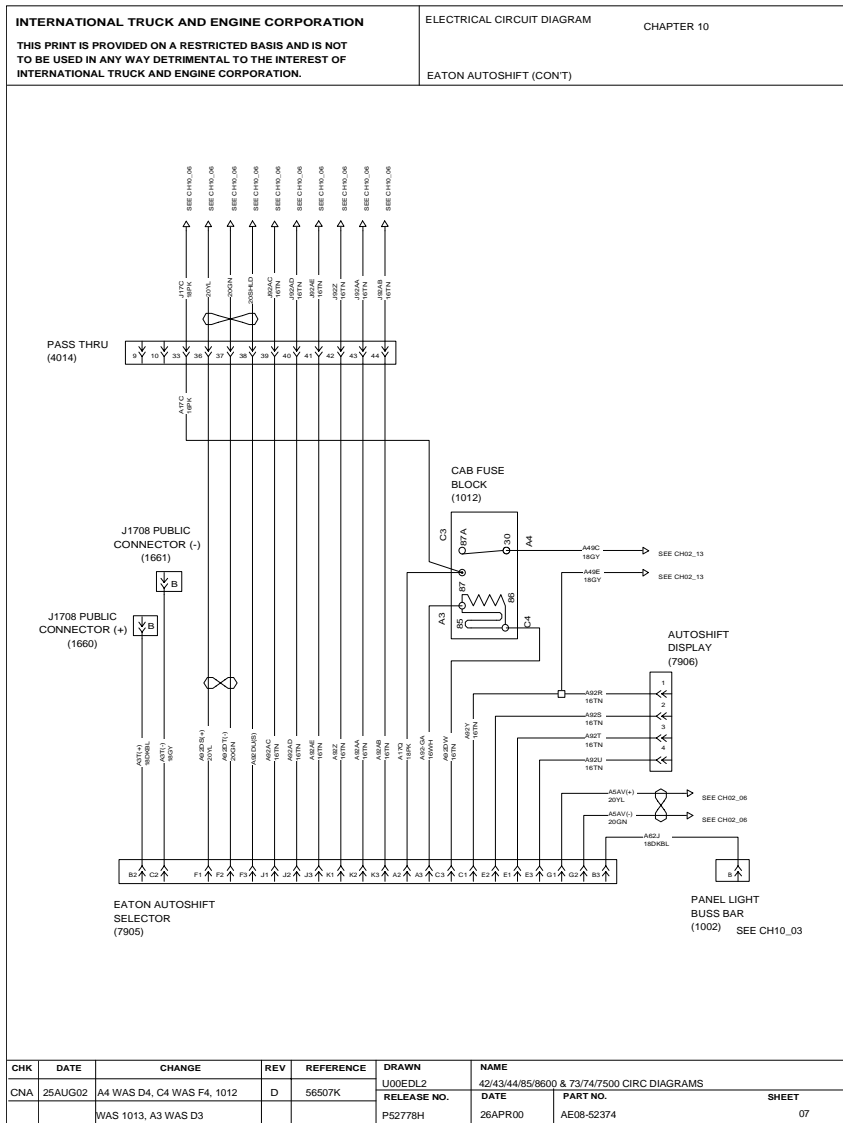


Figure 124 Eaton Autoshift Transmission (Cont.)

10.8. EATON LIGHTNING TRANSMISSION, P. 8

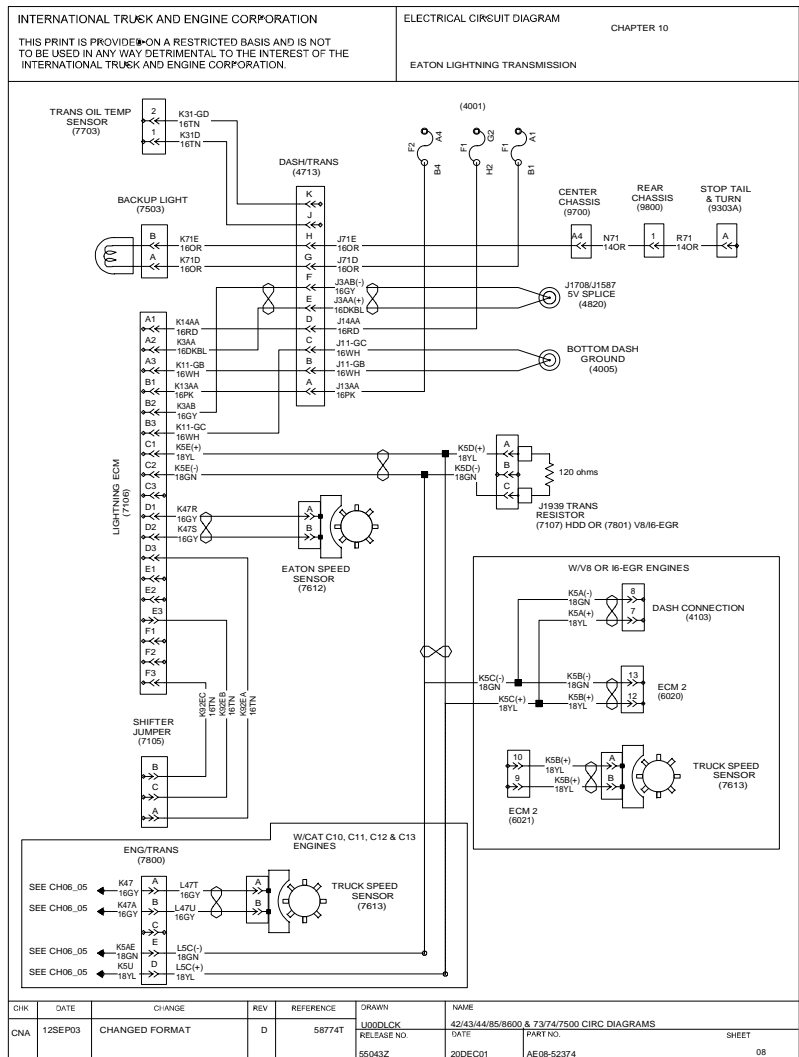


Figure 125 Eaton Lightning Transmission

10.9. ALLISON HD TRANSMISSION, P. 9

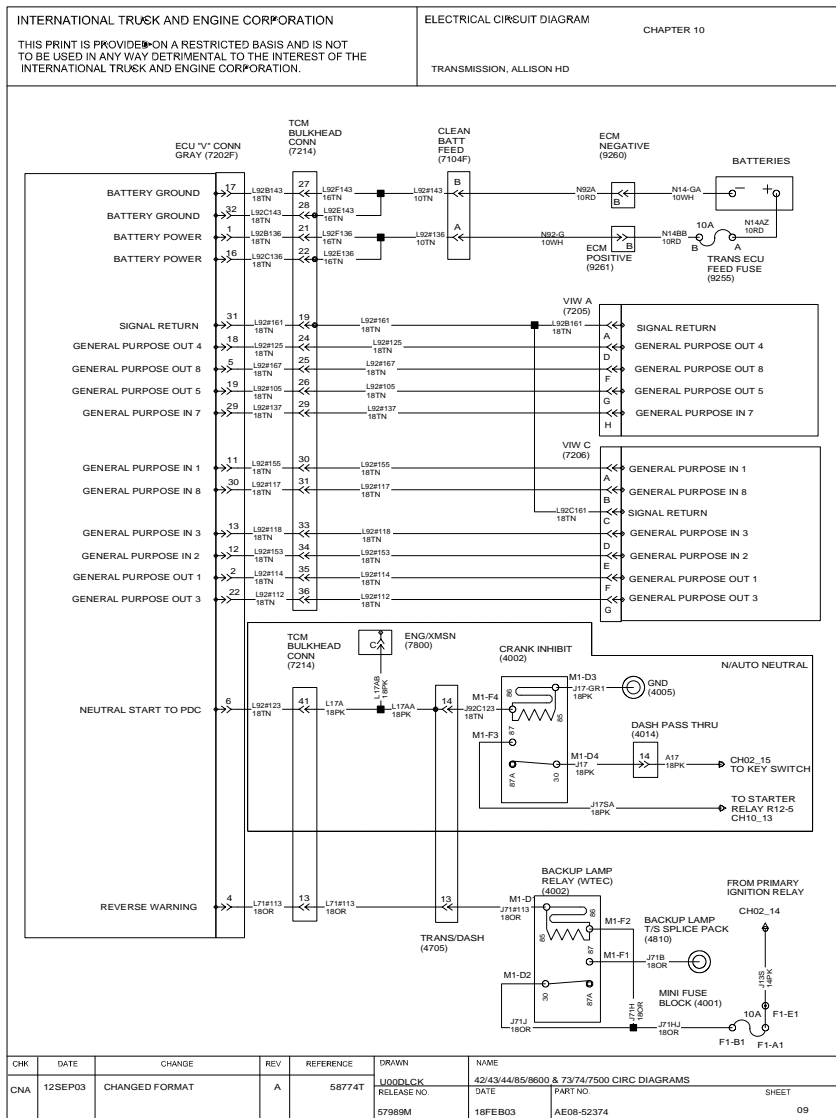


Figure 126 Allison HD Transmission

10.10. ALLISON HD TRANSMISSION, P. 10

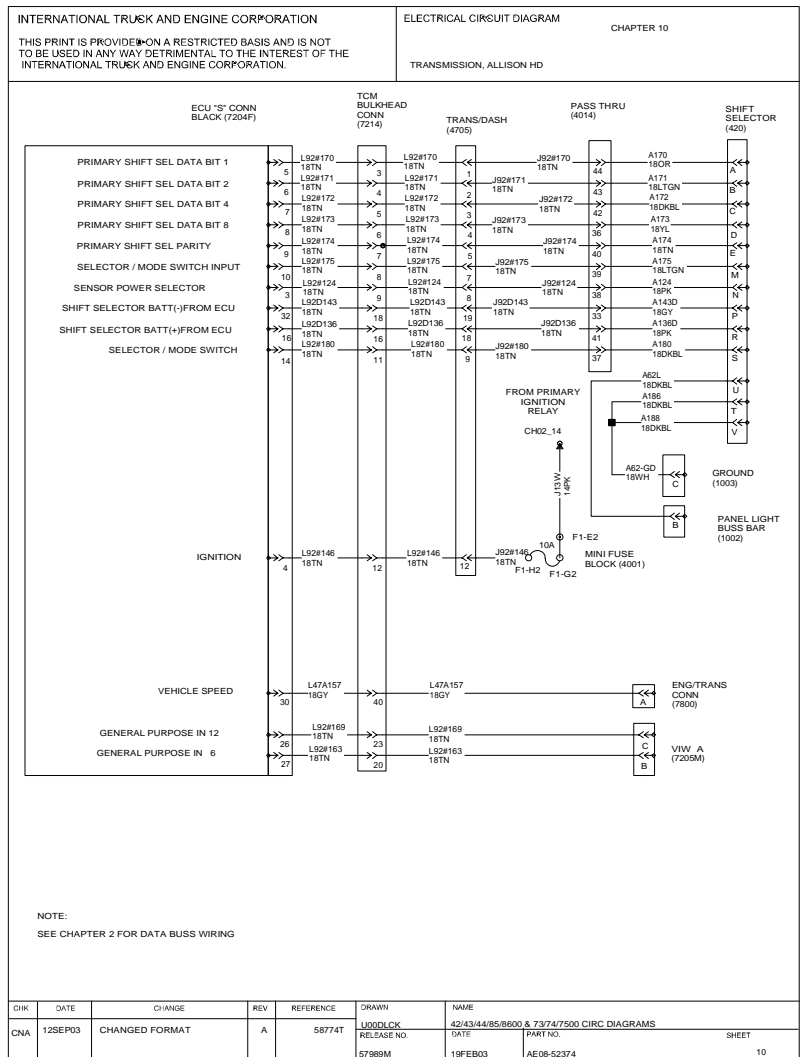


Figure 127 Allison HD Transmission (Cont.)

10.11. ALLISON HD TRANSMISSION, P. 11

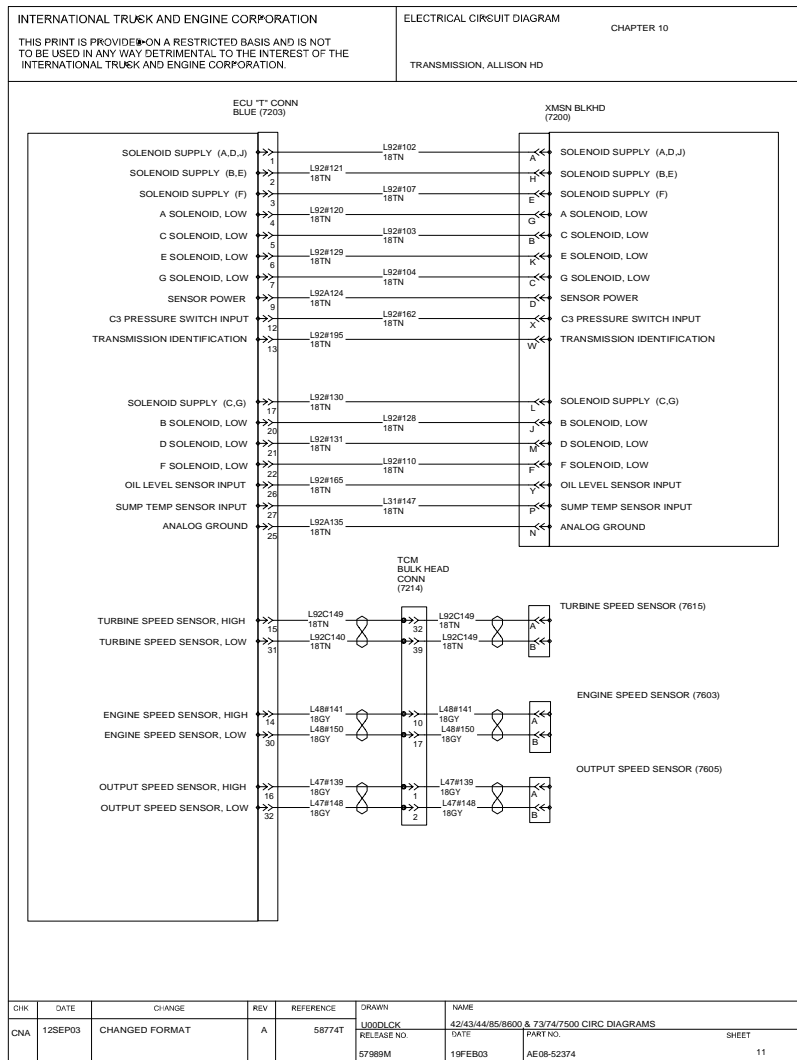


Figure 128 Allison HD Transmission (Cont.)

10.12. ALLISON HD TRANSMISSION WITH AUTO NEUTRAL, P. 12

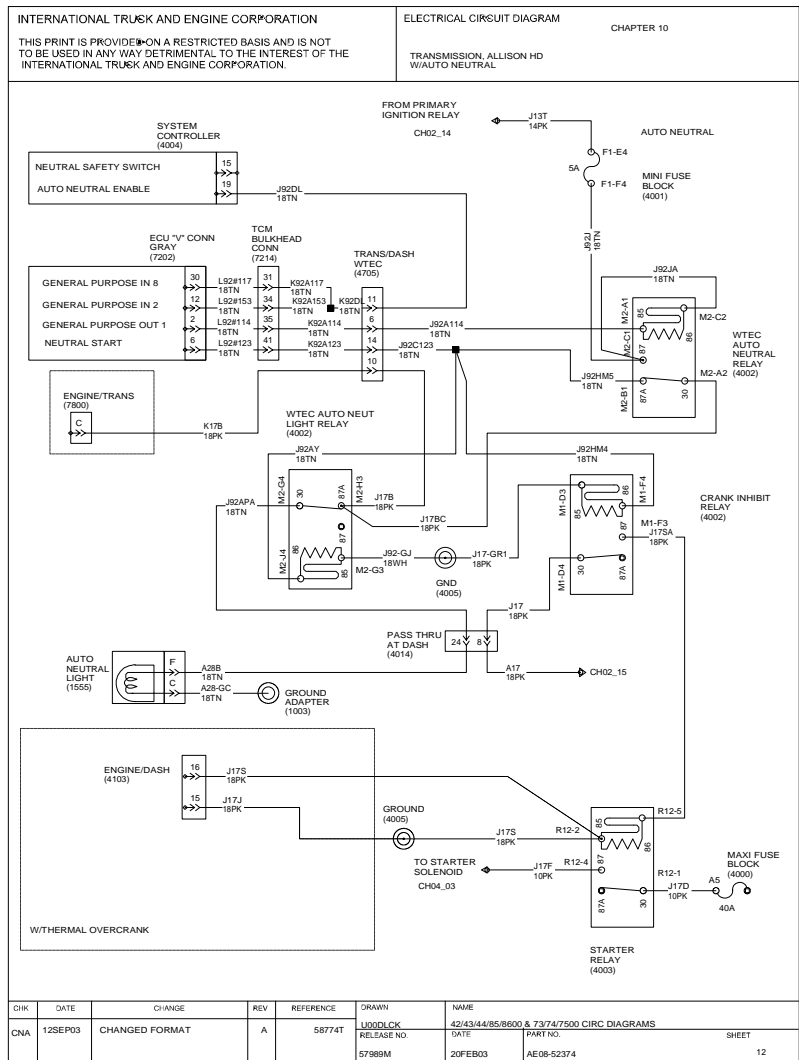


Figure 129 Allison HD Transmission With Auto Neutral

10.13. ALLISON HD TRANSMISSION WITH AUTO NEUTRAL AND WITH 0013WUA, P. 13

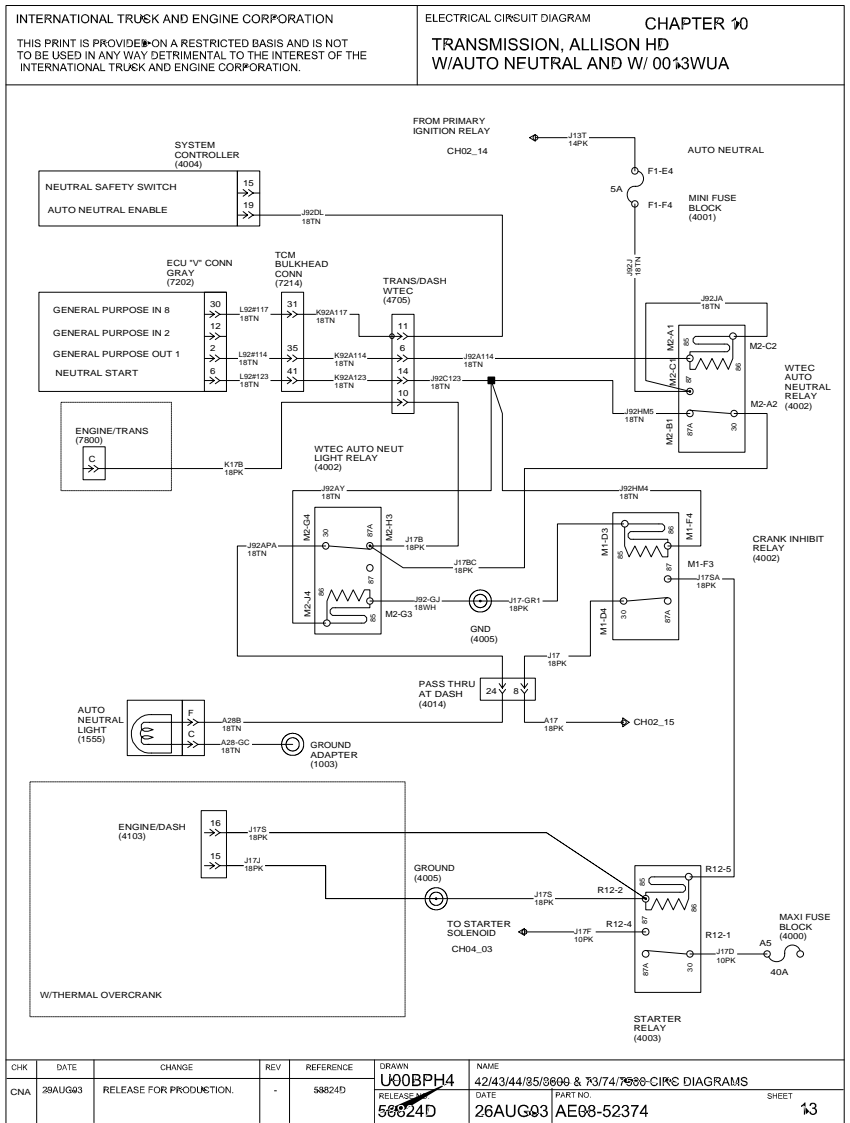


Figure 130 Allison HD Transmission With Auto Neutral and with 0013WUA

10.14. ALLISON LCT TRANSMISSION (ALLISON 1000, 2000, 2400) WITH I6 HEUI, P. 14

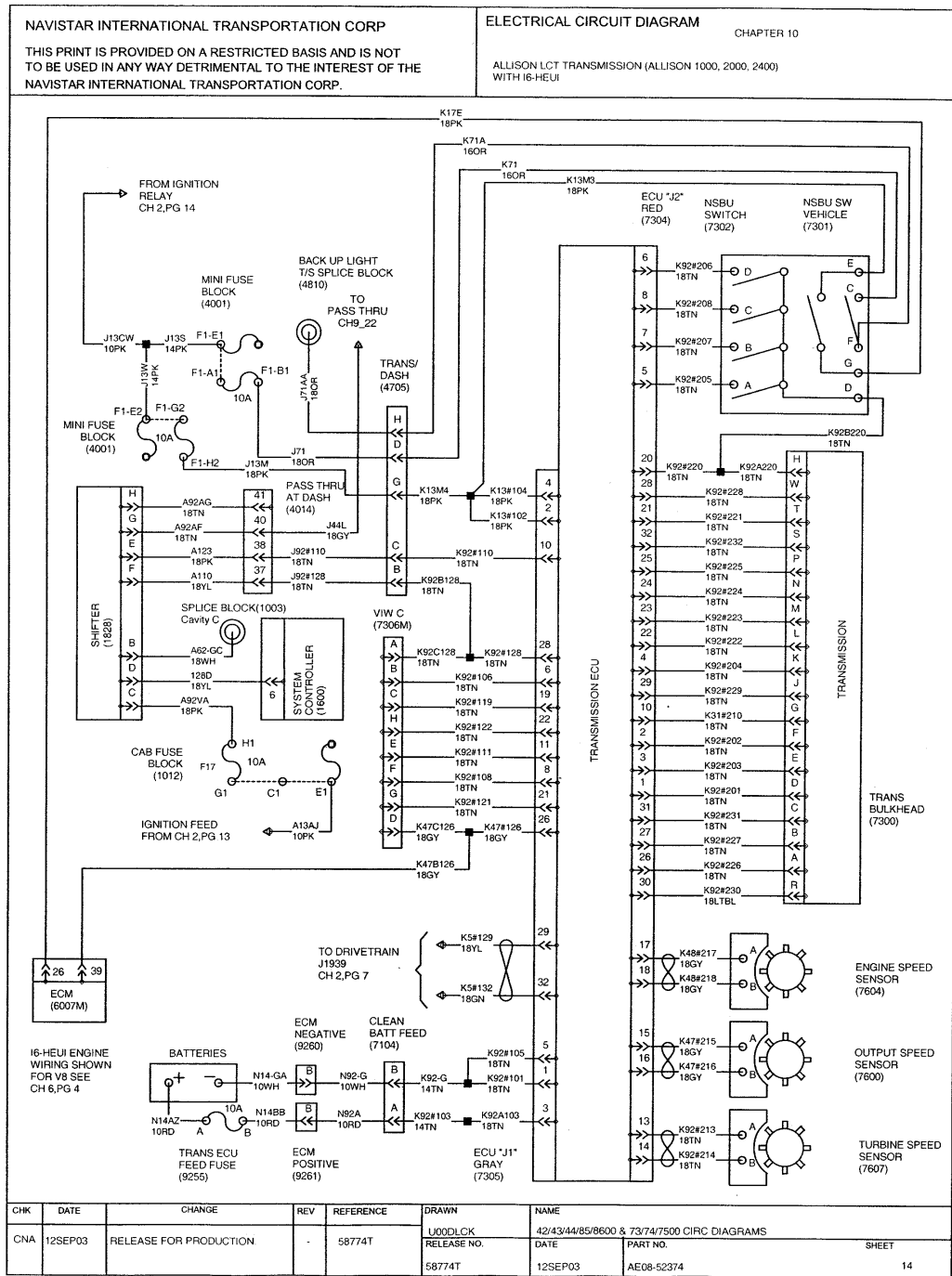


Figure 131 Allison LCT Transmission (Allison 1000, 2000, 2400) with I6 HEUI

10.15. TRANSMISSION RETARDER CONTROL WIRING WITH MD XMSN, HARD WIRED EFFECTS, P. 15

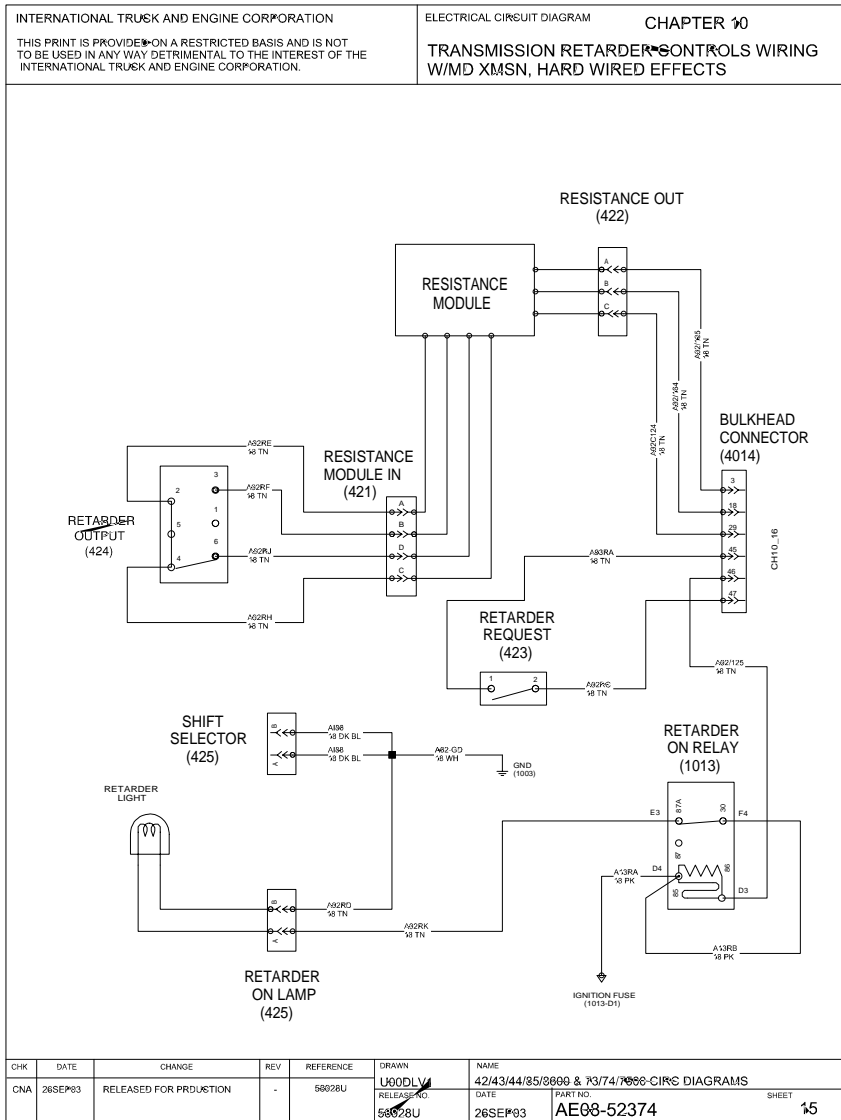


Figure 132 Transmission Retarder Control Wiring with MD Transmission, Hard Wired Effects

10.16. TRANSMISSION RETARDER CONTROL WIRING WITH MD XMSN, HARD WIRED EFFECTS, P. 16

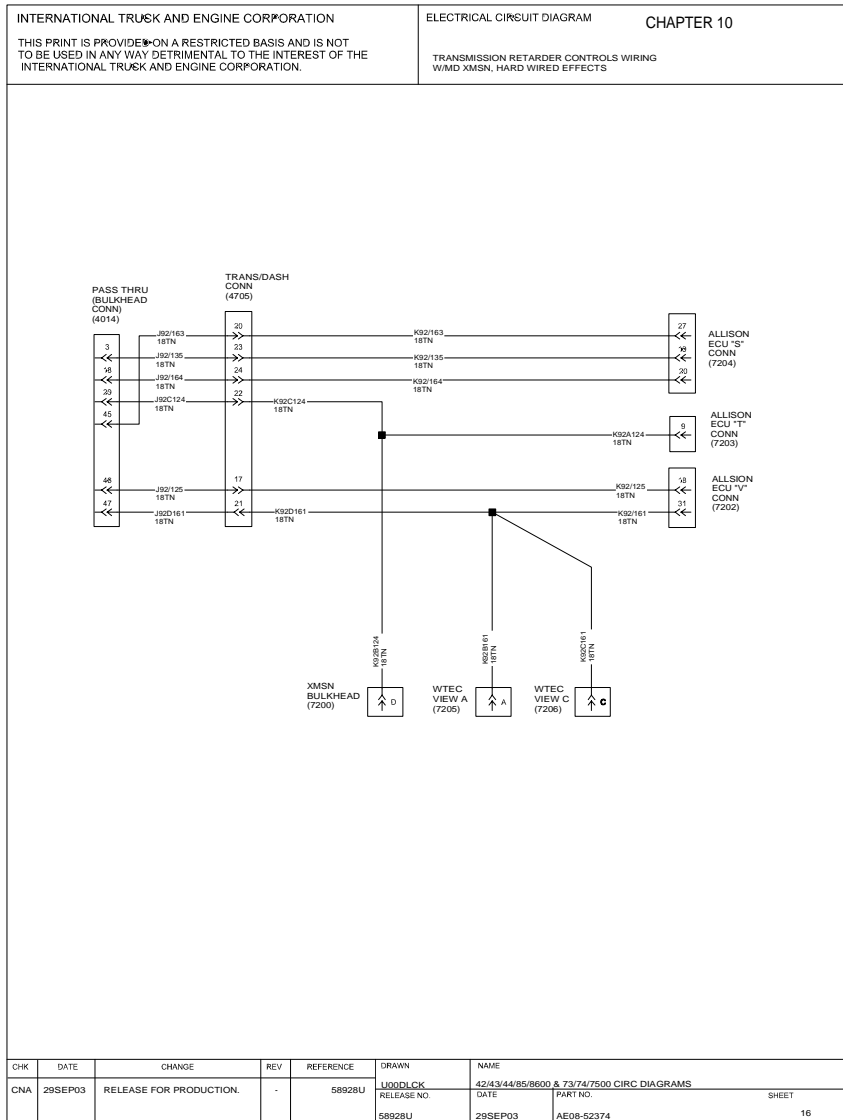


Figure 133 Transmission Retarder Control Wiring with MD Transmission, Hard Wired Effects

11. AIR CONDITIONING (CHAPTER 11)

11.1. HVAC SYSTEMS, P. 1

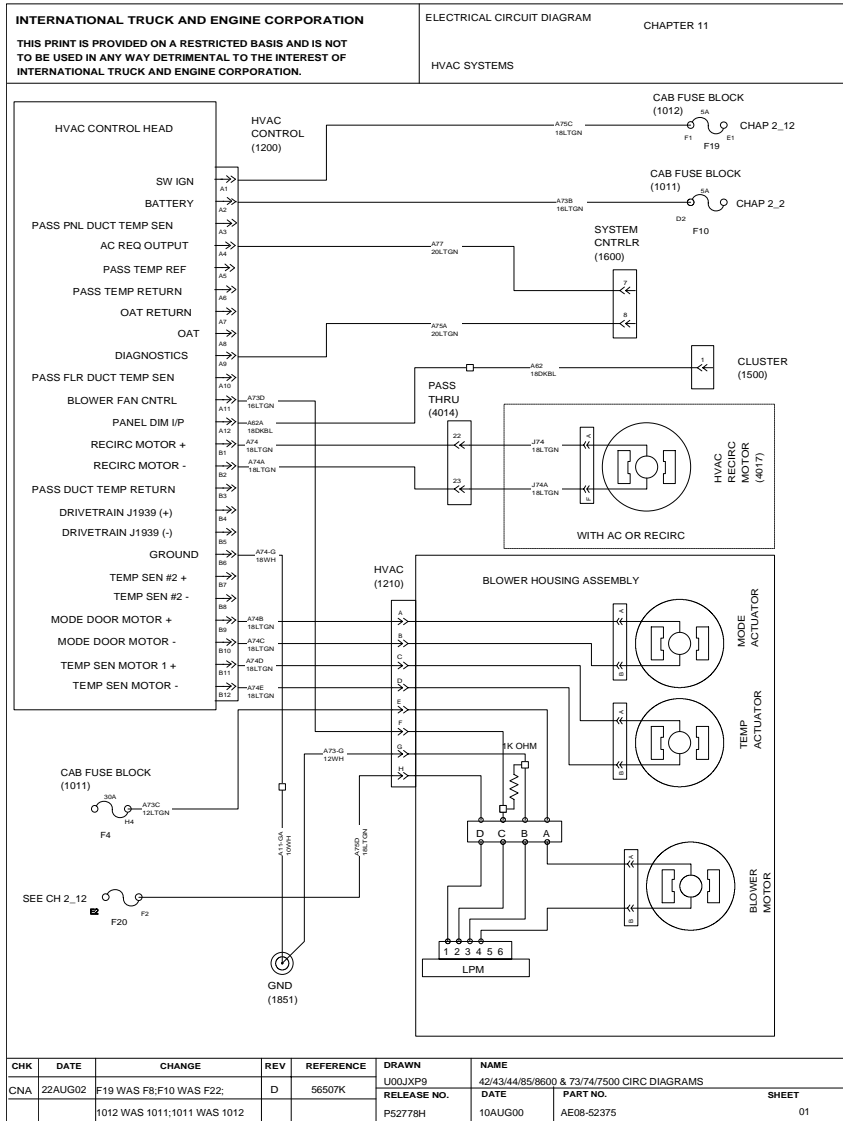


Figure 134 HVAC Systems

11.2. AIR CONDITIONING (ONLY), P. 2

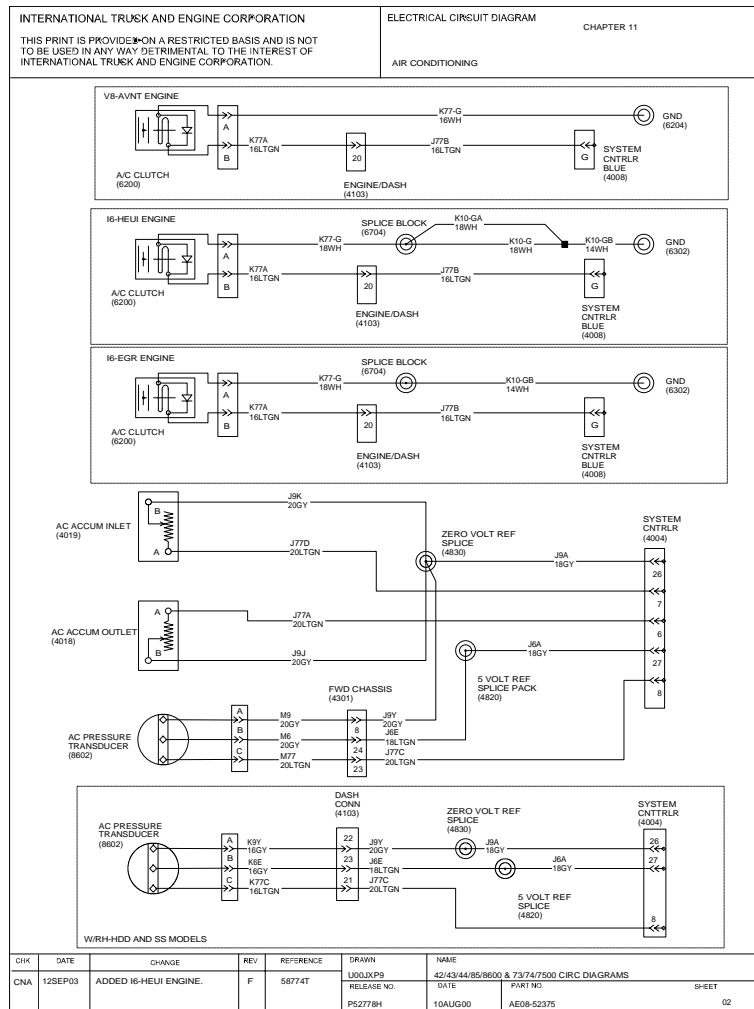


Figure 135 Air Conditioning (Only)

12. CONNECTOR COMPOSITES (CHAPTER 12)

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

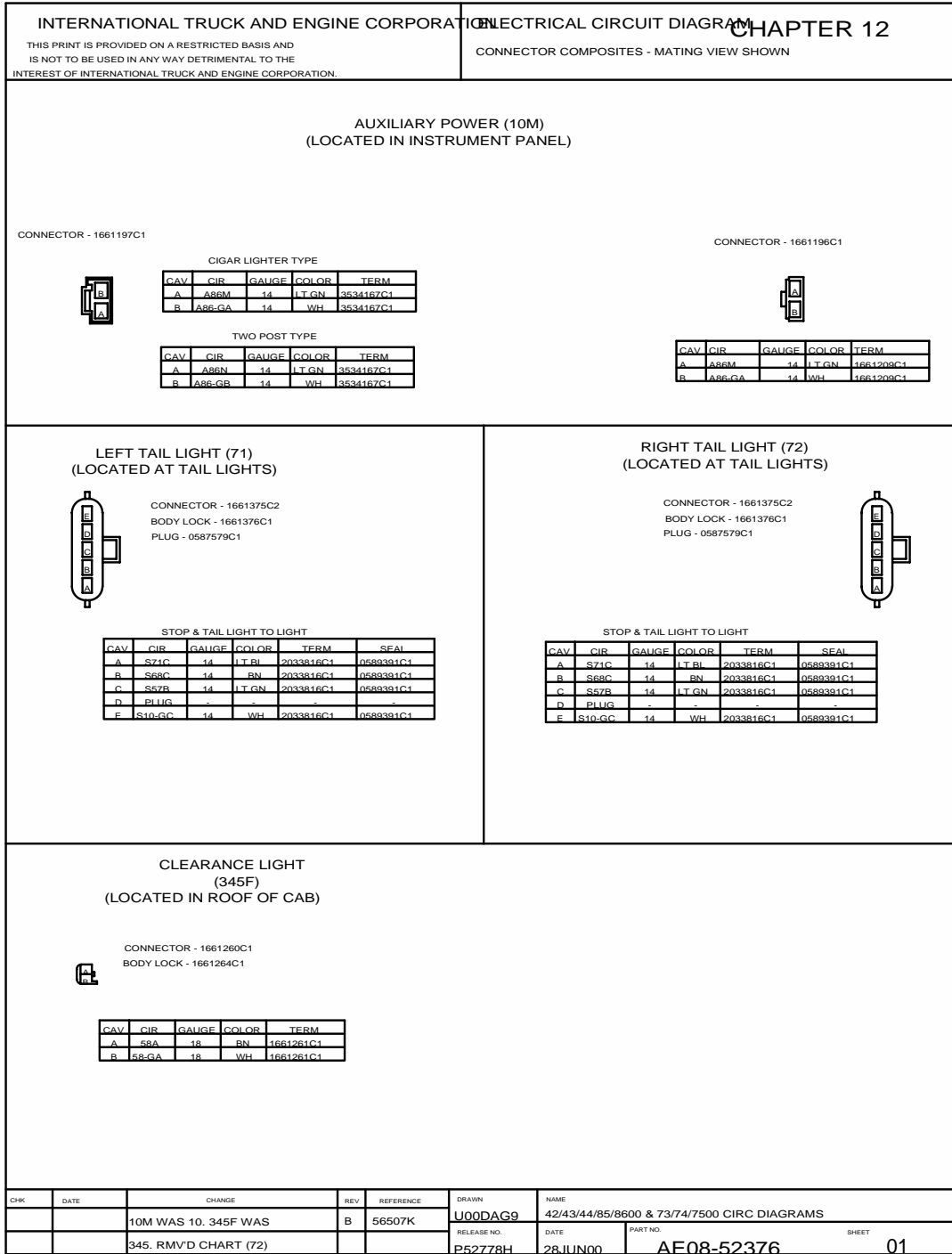


Figure 136 Connector Composites (10M), (71), (72), (345F)

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

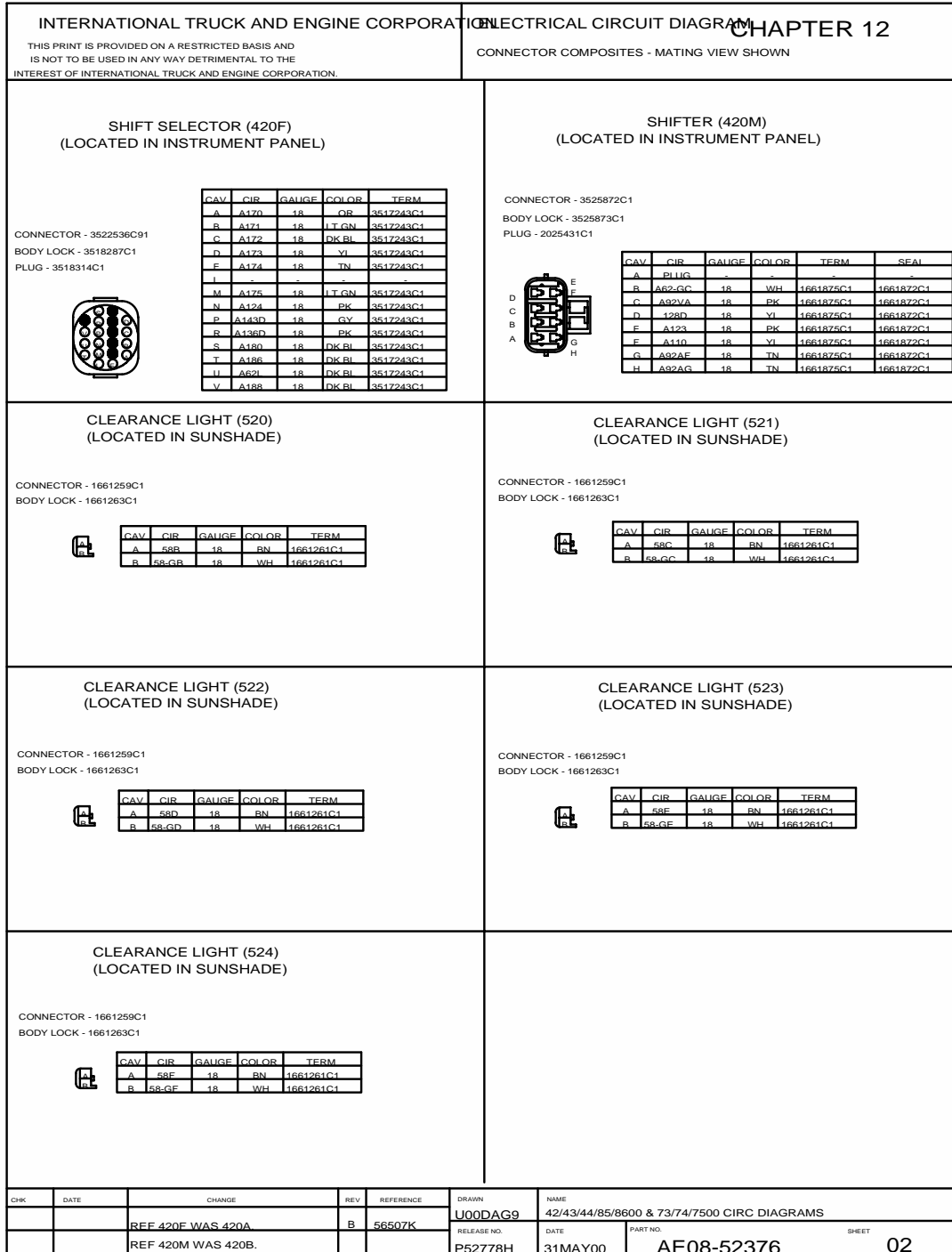


Figure 137 Connector Composites (420F), (420M), (520), (521), (522), (523), (524)

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

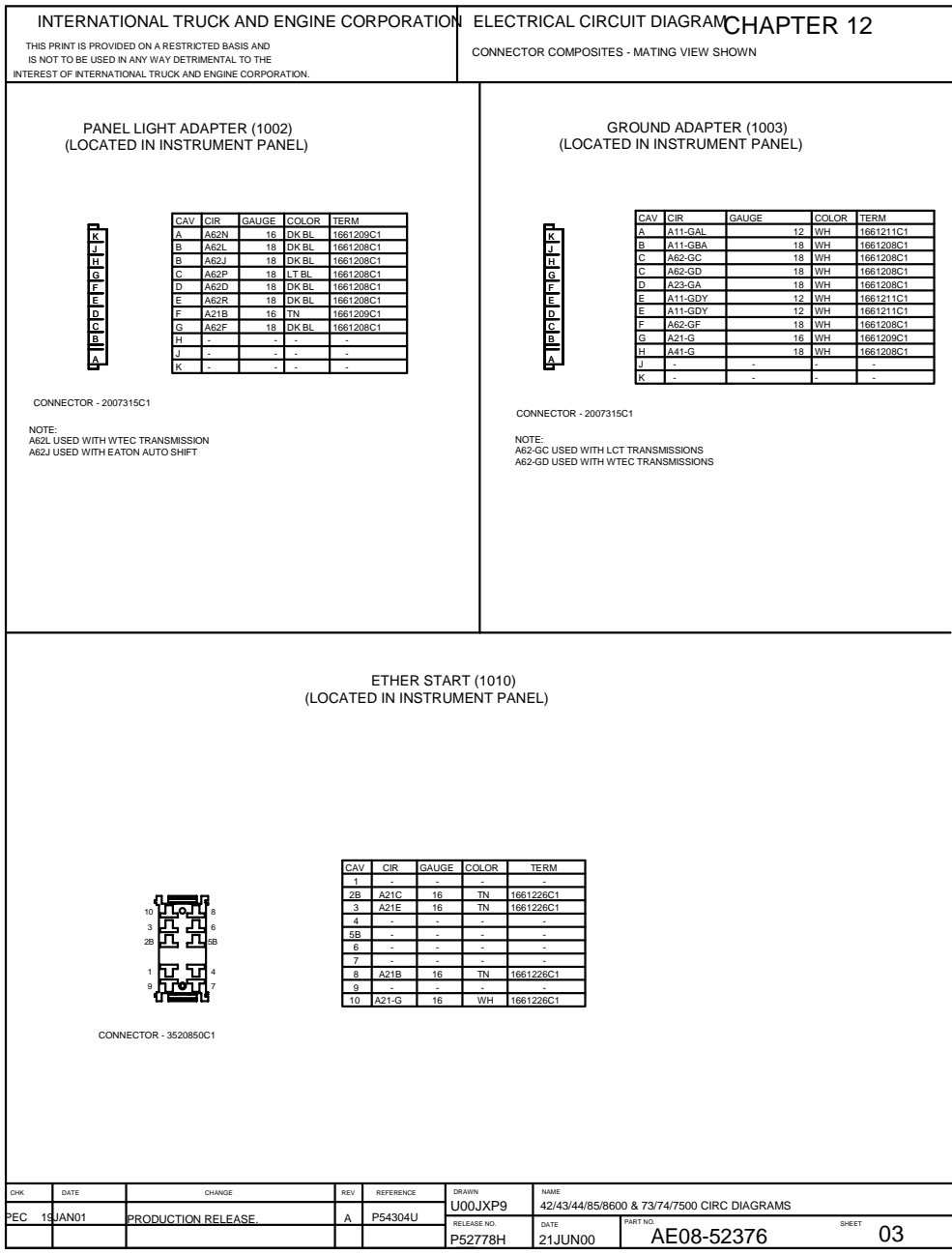


Figure 138 Connector Composites (1002), (1003), (1010)

12.4. CONNECTOR COMPOSITE (1011), P. 4

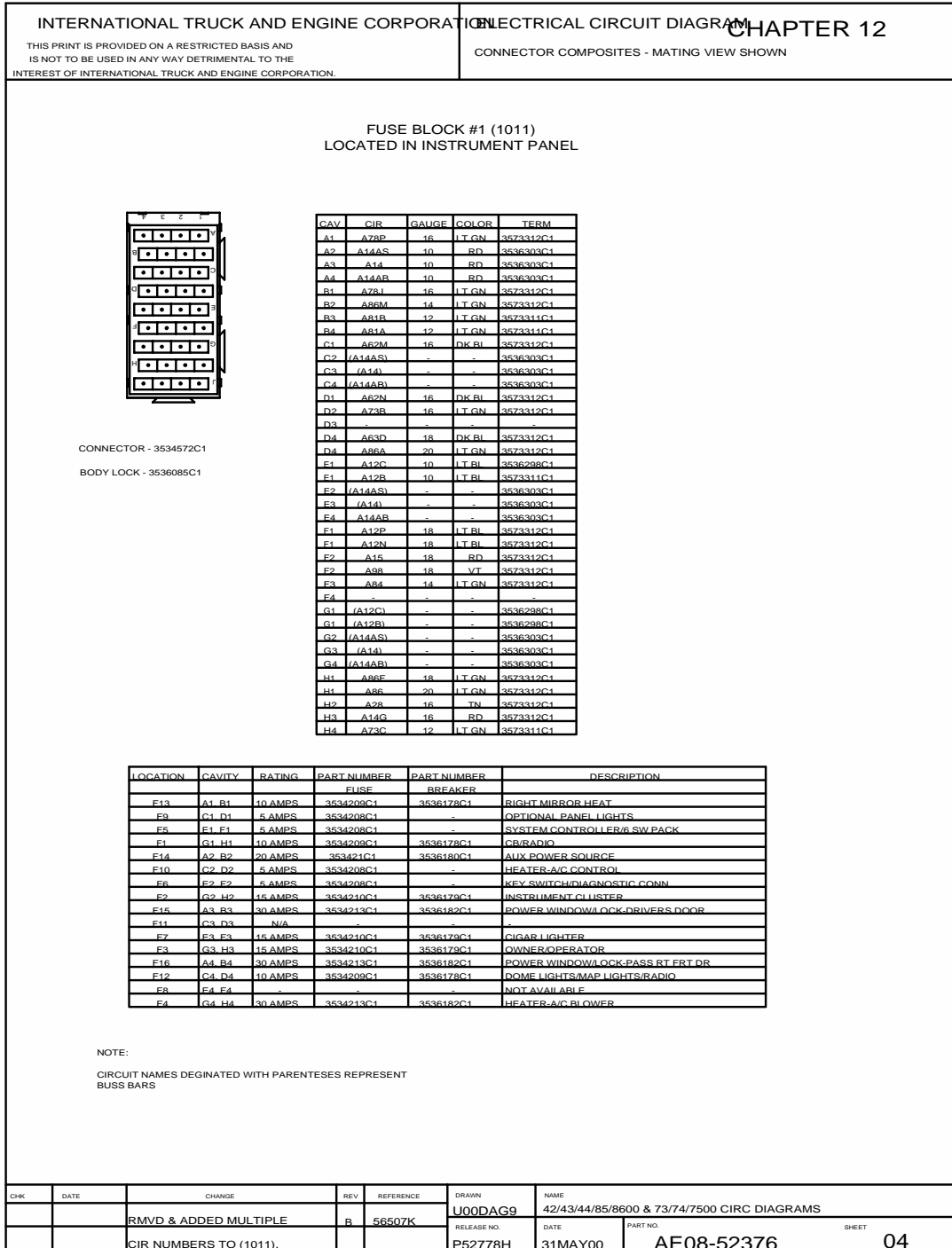


Figure 139 Connector Composite (1011)

12.5. CONNECTOR COMPOSITE (1012), P. 5

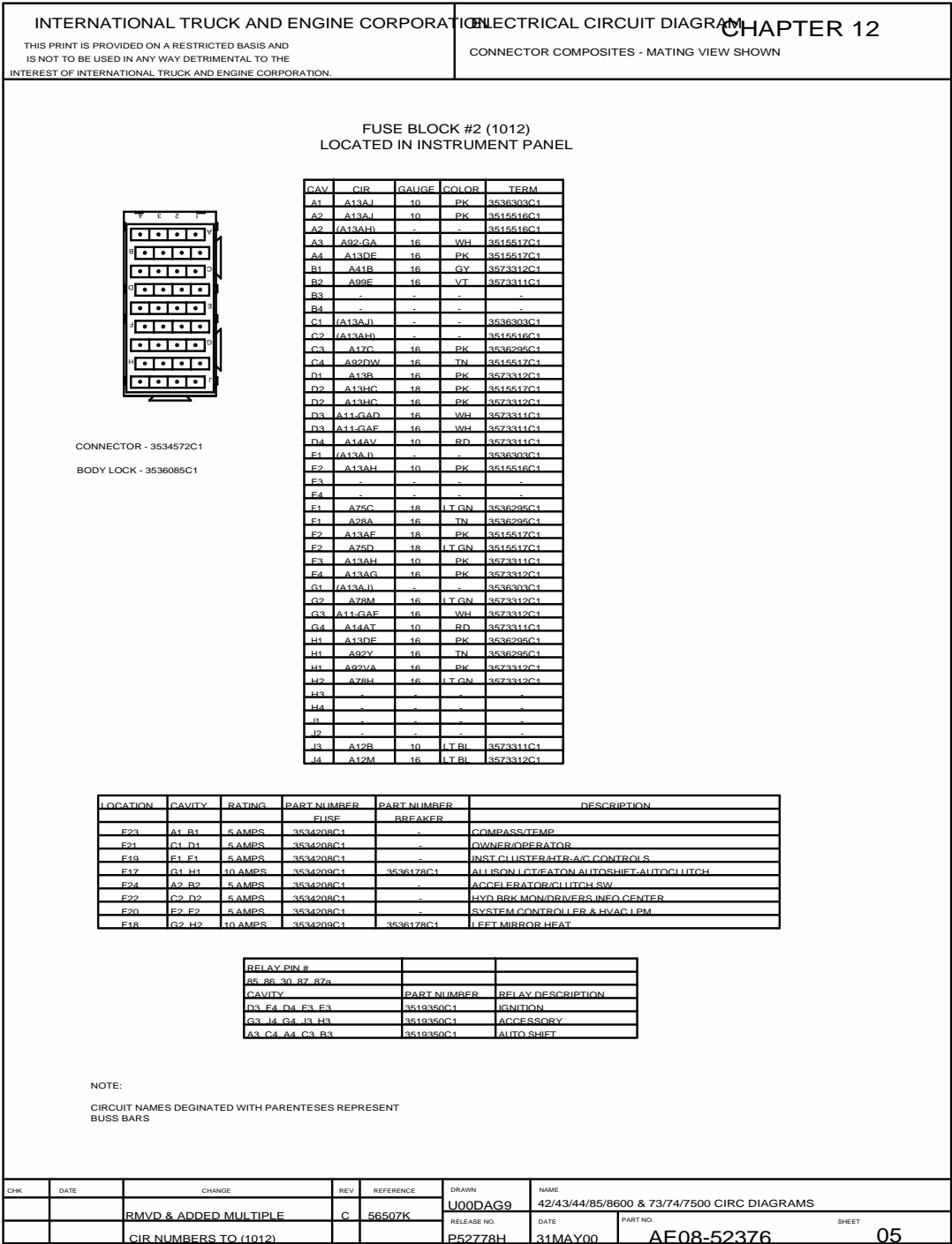


Figure 140 Connector Composite (1012)

12.6. CONNECTOR COMPOSITE (1013), P. 6

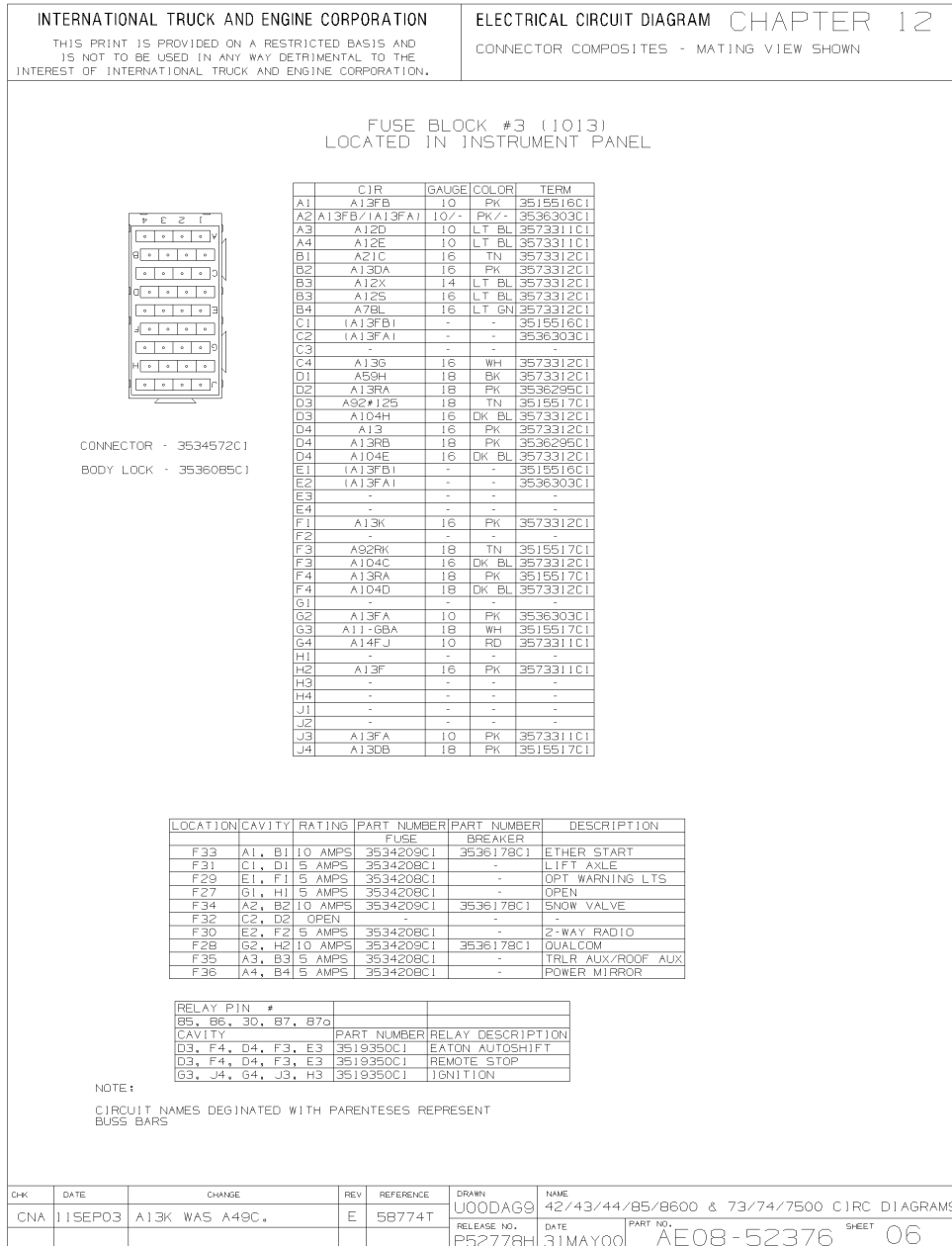


Figure 141 Connector Composite (1013)

12.7. CONNECTOR COMPOSITE (1014), P. 7

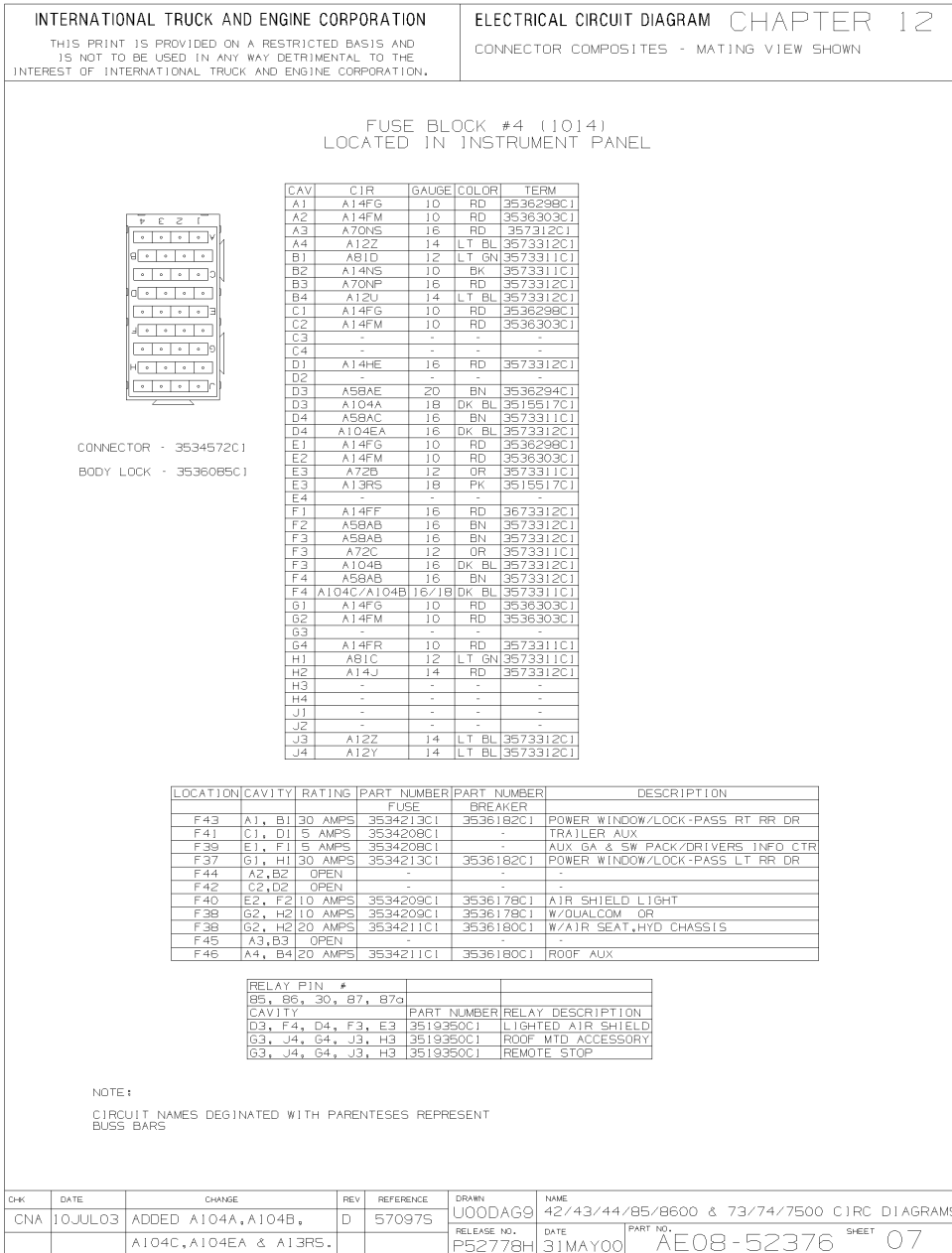


Figure 142 Connector Composite (1014)

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

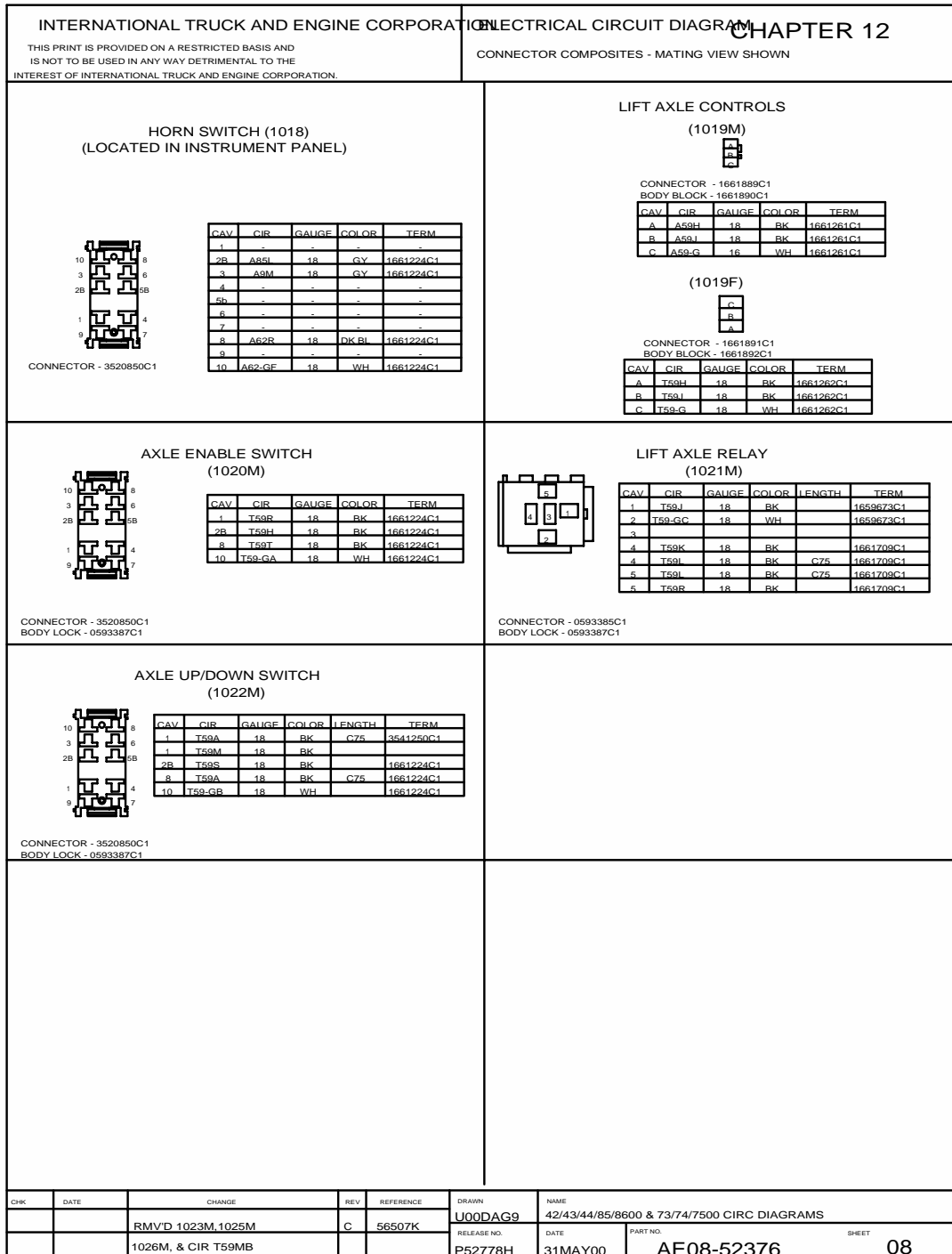


Figure 143 Connector Composites (1018), (1019M), (1020M), (1021M), (1022M)

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

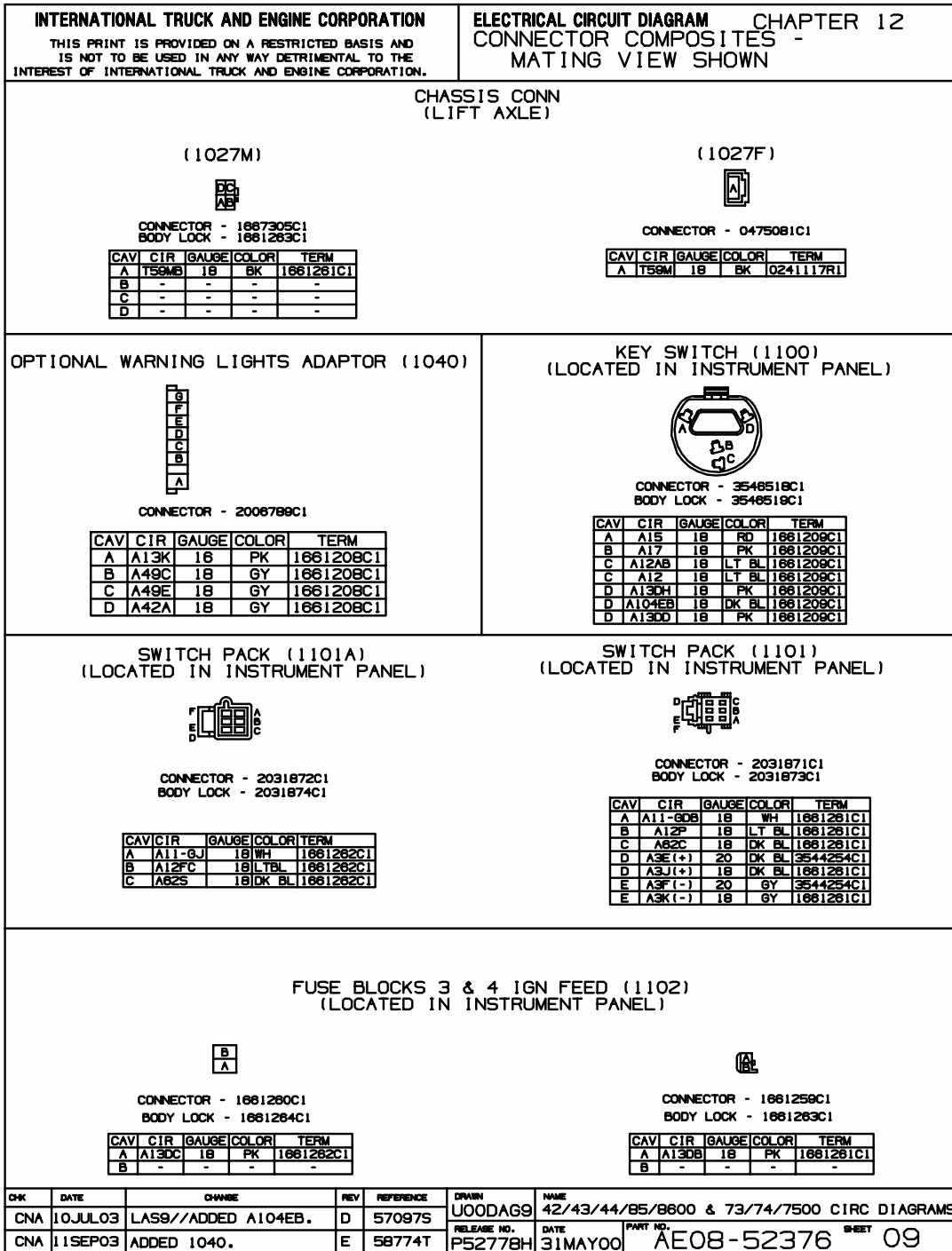


Figure 144 Connector Composites (1027M, F), (1100), (1101A), (1101), (1102)

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

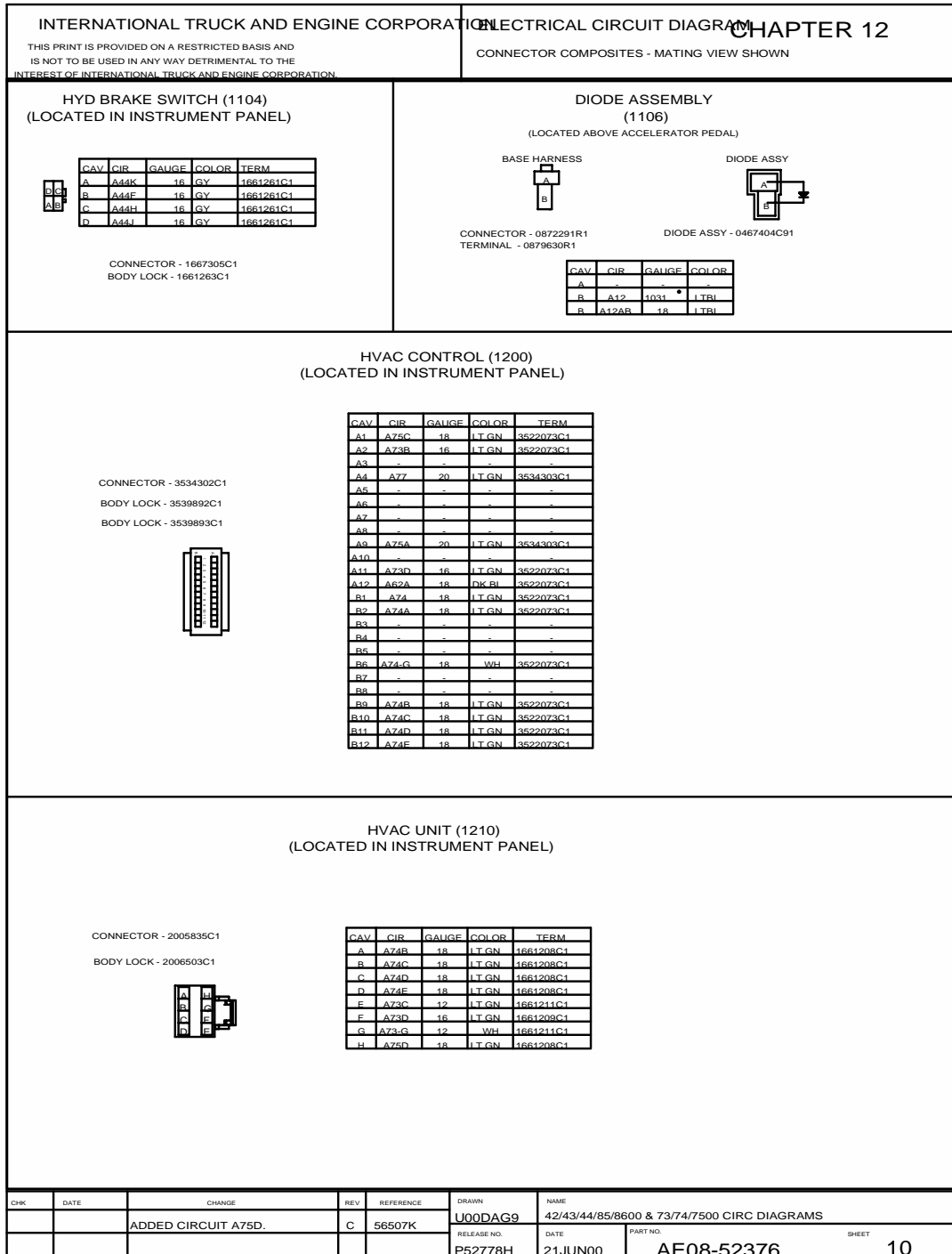


Figure 145 Connector Composites (1104), (1106), (1200), (1210)

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

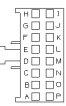

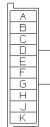
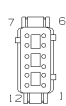
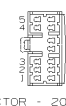

| | | | | | | | | | | |
|--|-----------------------|--|-------|---|---|---------|---|---------|------------|-------|
| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 | | | | | | | | |
| THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF INTERNATIONAL TRUCK AND ENGINE CORPORATION. | | CONNECTOR COMPOSITES - MATING VIEW SHOWN | | | | | | | | |
| PREMIUM RADIO (1300) (LOCATED IN INSTRUMENT PANEL) | | | | | | | | | | |
|  | CONNECTOR - 3580402C1 | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | CAV | CIR | GAUGE | COLOR | TERM | |
| A | - | - | - | - | I | A62E | 20 | DK BL | 3580404C1 | |
| B | AB6 | 20 | LT GN | 3580404C1 | J | AB6K | 20 | LT GN | 3580404C1 | |
| C | AB6-G | 20 | LT GN | 3580404C1 | K | AB6L | 20 | LT GN | 3580404C1 | |
| D | AB6C | 20 | LT GN | 3580404C1 | L | AB6H | 20 | LT GN | 3580404C1 | |
| E | AB6B | 20 | LT GN | 3580404C1 | M | AB6J | 20 | LT GN | 3580404C1 | |
| F | AB6E | 20 | LT GN | 3580404C1 | N | - | - | - | - | |
| G | AB6D | 20 | LT GN | 3580404C1 | O | AB6A | 20 | LT GN | 3580404C1 | |
| H | - | - | - | - | P | - | - | - | - | |
| STANDARD RADIO (1301) (LOCATED IN INSTRUMENT PANEL) | | | | | | | | | | |
|  | CONNECTOR - 3580403C1 | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | CAV | CIR | GAUGE | COLOR | TERM | |
| 1 | AB6H | 20 | LT GN | 3580404C1 | 7 | AB6K | 20 | LT GN | 3580404C1 | |
| 2 | AB6J | 20 | LT GN | 3580404C1 | 8 | AB6L | 20 | LT GN | 3580404C1 | |
| 3 | AB6B | 20 | LT GN | 3580404C1 | 9 | AB6D | 20 | LT GN | 3580404C1 | |
| 4 | AB6C | 20 | LT GN | 3580404C1 | 10 | AB6E | 20 | LT GN | 3580404C1 | |
| 5 | AB6-G | 20 | WH | 3580404C1 | 11 | - | - | - | - | |
| 6 | AB6 | 20 | LT GN | 3580404C1 | 12 | AB6A | 20 | LT GN | 3580404C1 | |
| BRAKE MONITOR MODULE (1400) (LOCATED IN INSTRUMENT PANEL) | | HYD PARK BRAKE CONTROL (1402) (LOCATED IN INSTRUMENT PANEL) | | OIL TEMP SENSOR (1410) | | | | | | |
|  | CONNECTOR - 1654231C1 | | |  | CONNECTOR - 3536854C1 TERMINAL - 3536855C1 SEAL - 3536867C1 SEAL - 3536868C1 | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | CAV | CIR | GAUGE | COLOR | TERM | |
| A | AS0N | 18 | GY | 3507202C1 | 1 | A14HB | 16 | RD | 3518963C1 | |
| C | AS0P | 18 | GY | 3507202C1 | 2 | A44K | 16 | GY | 3518963C1 | |
| D | A90-GA | 18 | WH | 3507202C1 | 3 | A44H | 16 | GY | 3518963C1 | |
| F | AS0M | 18 | GY | 3507202C1 | 4 | A13HB | 16 | PK | 3518963C1 | |
| G | A90L | 18 | GY | 3507202C1 | 5 | A44J | 16 | GY | 3518963C1 | |
| H | A90L | 18 | GY | 3507202C1 | 6 | A11-GBC | 16 | WH | 3518963C1 | |
| CLUSTER (1500) (LOCATED IN INSTRUMENT PANEL) | | | | OPTIONAL GAUGE PACK (1510) (LOCATED IN INSTRUMENT PANEL) | | | | | | |
|  | CONNECTOR - 2015890C1 | | |  | CONNECTOR - 3548792C1 | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | CAV | CIR | GAUGE | COLOR | TERM | |
| 1 | A62 | 18 | DK BL | 2018639C1 | 1 | A14FF | 18 | RD | 2018639C1 | |
| 2 | A62-G | 18 | WH | 2018639C1 | 2 | A12FC | 18 | LT BL | 2018639C1 | |
| 3 | A2B | 18 | TN | 2018639C1 | 3 | A11-GJ | 18 | WH | 2018639C1 | |
| 4 | A5AL I + I | 20 | YL | 2018639C1 | 4 | A62S | 18 | DK BL | 2018639C1 | |
| 5 | A5AM I - I | 20 | GN | 2018639C1 | 10 | A5C1-J | 20 | GN | 2018639C1 | |
| 7 | A2B-G | 18 | WH | 2018639C1 | 11 | A5C1+J | 20 | YL | 2018639C1 | |
| 8 | A2BA | 18 | TN | 2018639C1 | | | | | | |
| 9 | A50 | 20 | YL | 2018639C1 | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | |
| CNA | 11SEP03 | CKTS ASC(-)/ASC(+) | E | 58774T | WOODAG9 | | RELEASE NO. | DATE | PART NO. | SHEET |
| | | WAS IN 1510 PINS 5 & 6. | | | P52778H | | | 31MAY00 | AE08-52376 | 11 |

Figure 146 Connector Composites (1300), (1301), (1400), (1402), (1410), (1500), (1510)

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

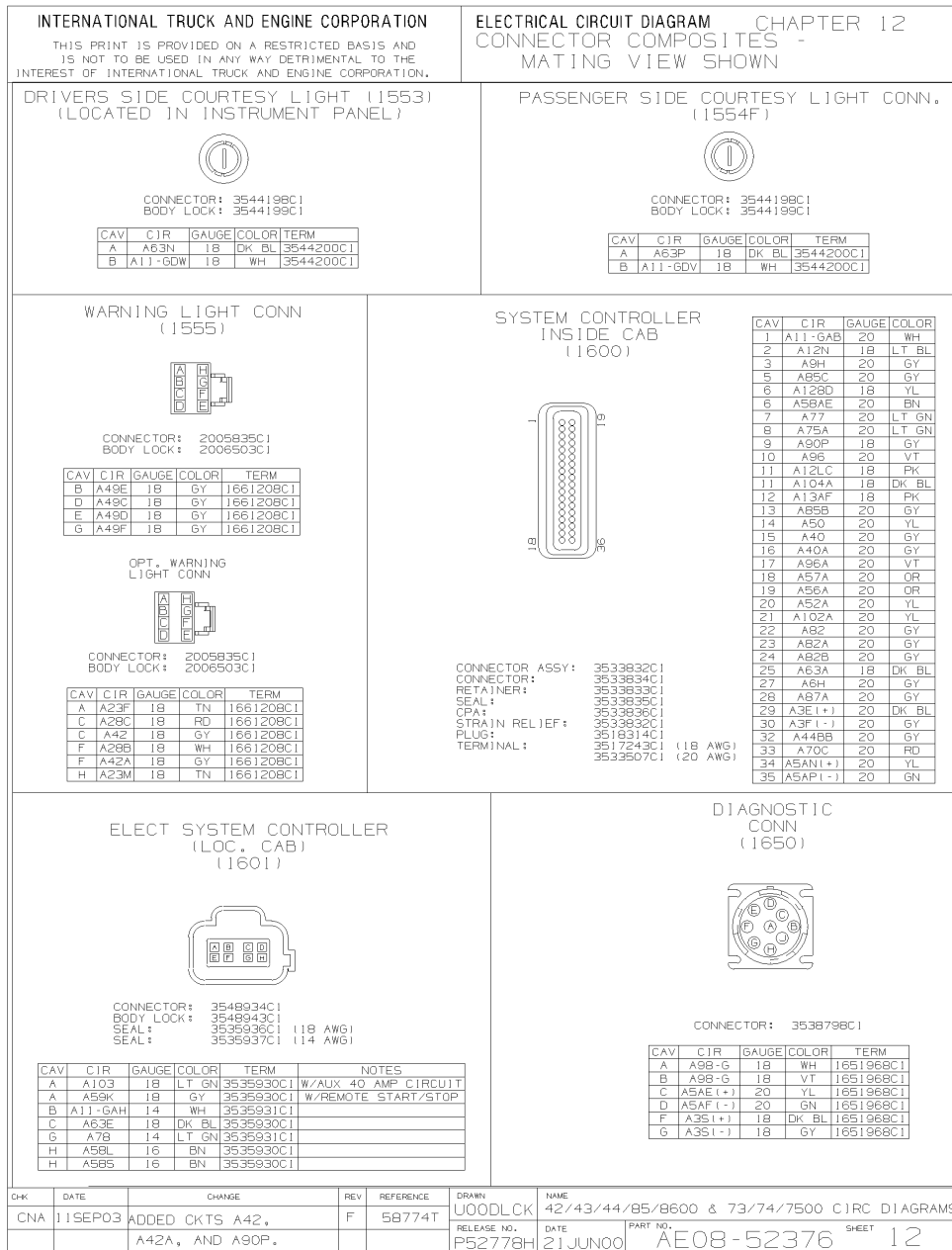


Figure 147 Connector Composites (1553), (1554F), (1555), (1600), (1601), (1650)

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

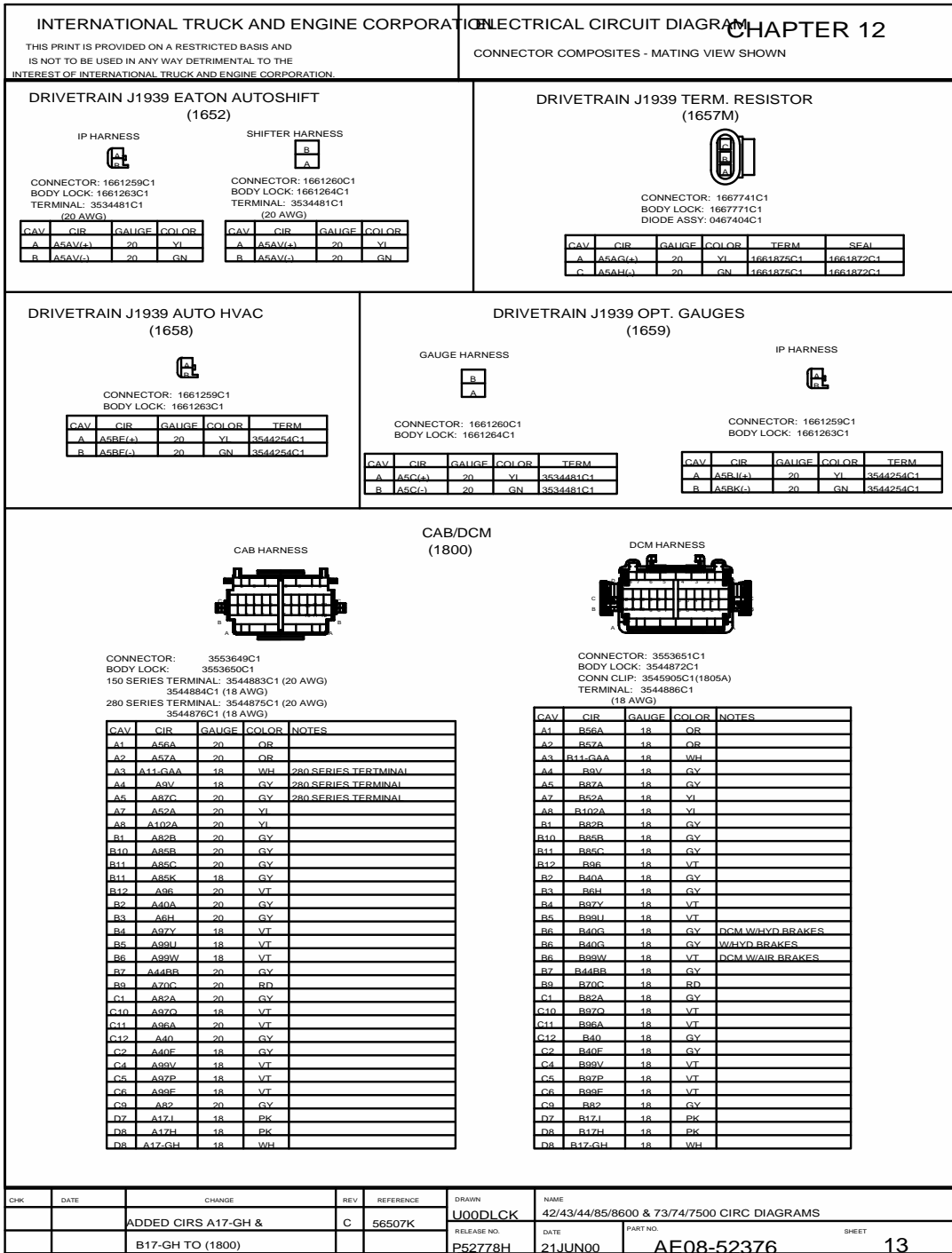


Figure 148 Connector Composites (1652), (1657M), (1658), (1659), (1800)

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

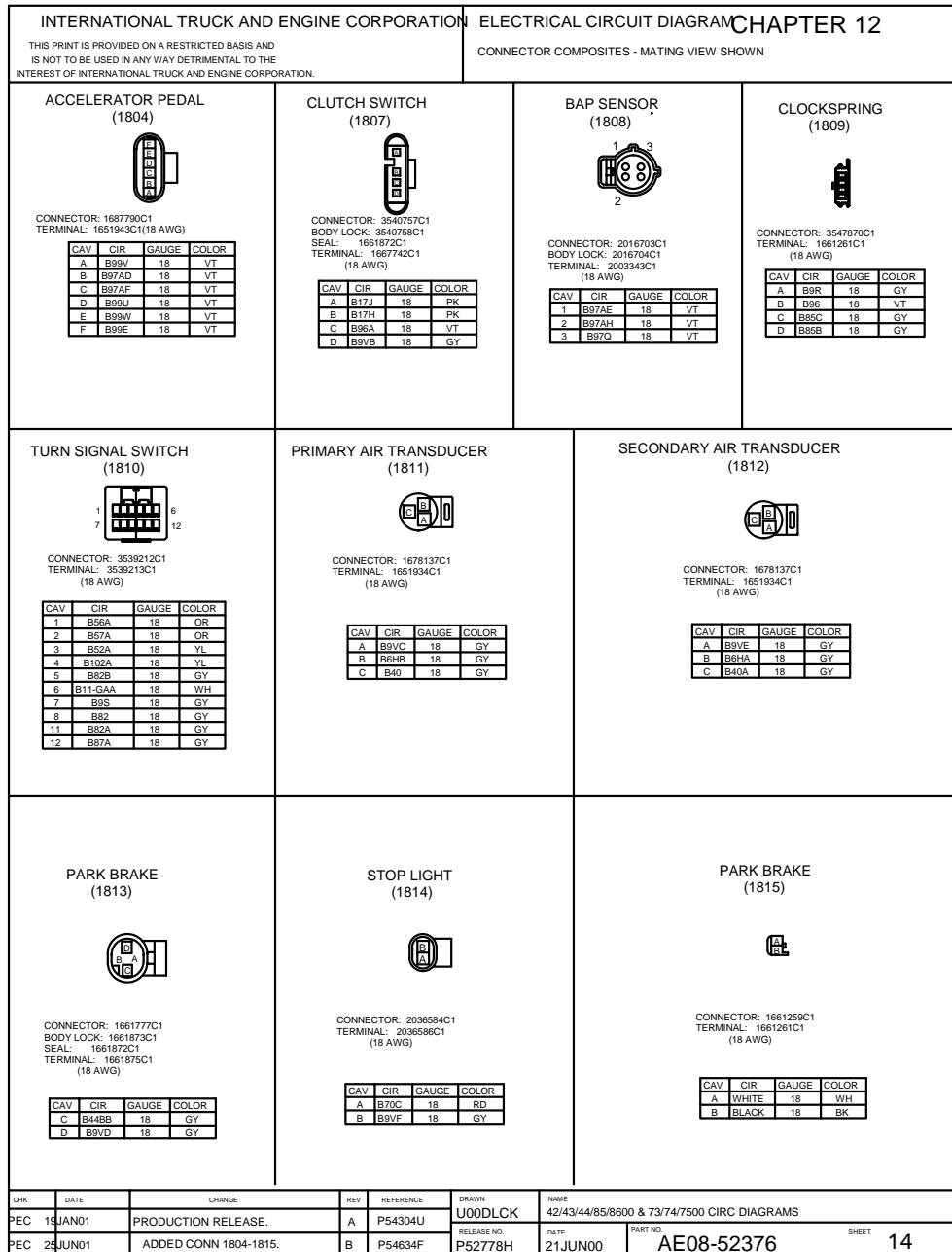


Figure 149 Connector Composites (1804), (1807), (1808), (1809), (1810), (1811), (1812), (1813), (1814), (1815)

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

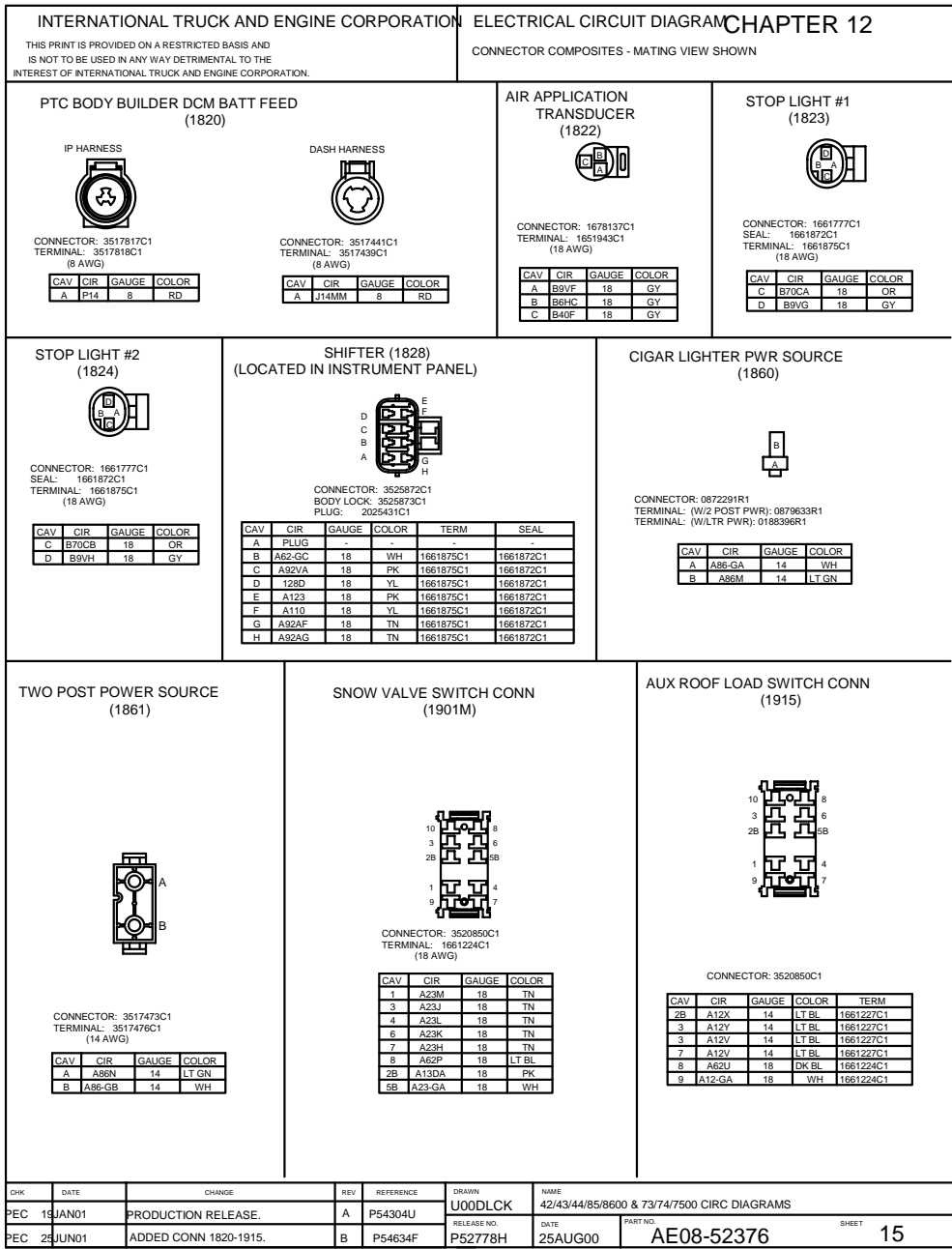


Figure 150 Connector Composites (1820), (1822), (1823), (1824), (1828), (1860), (1861), (1901M), (1915)

12.16. CONNECTOR COMPOSITES (1918), (1935), (1920), (2000), (2002M), (2003M), (2004M), (2005M), P. 16

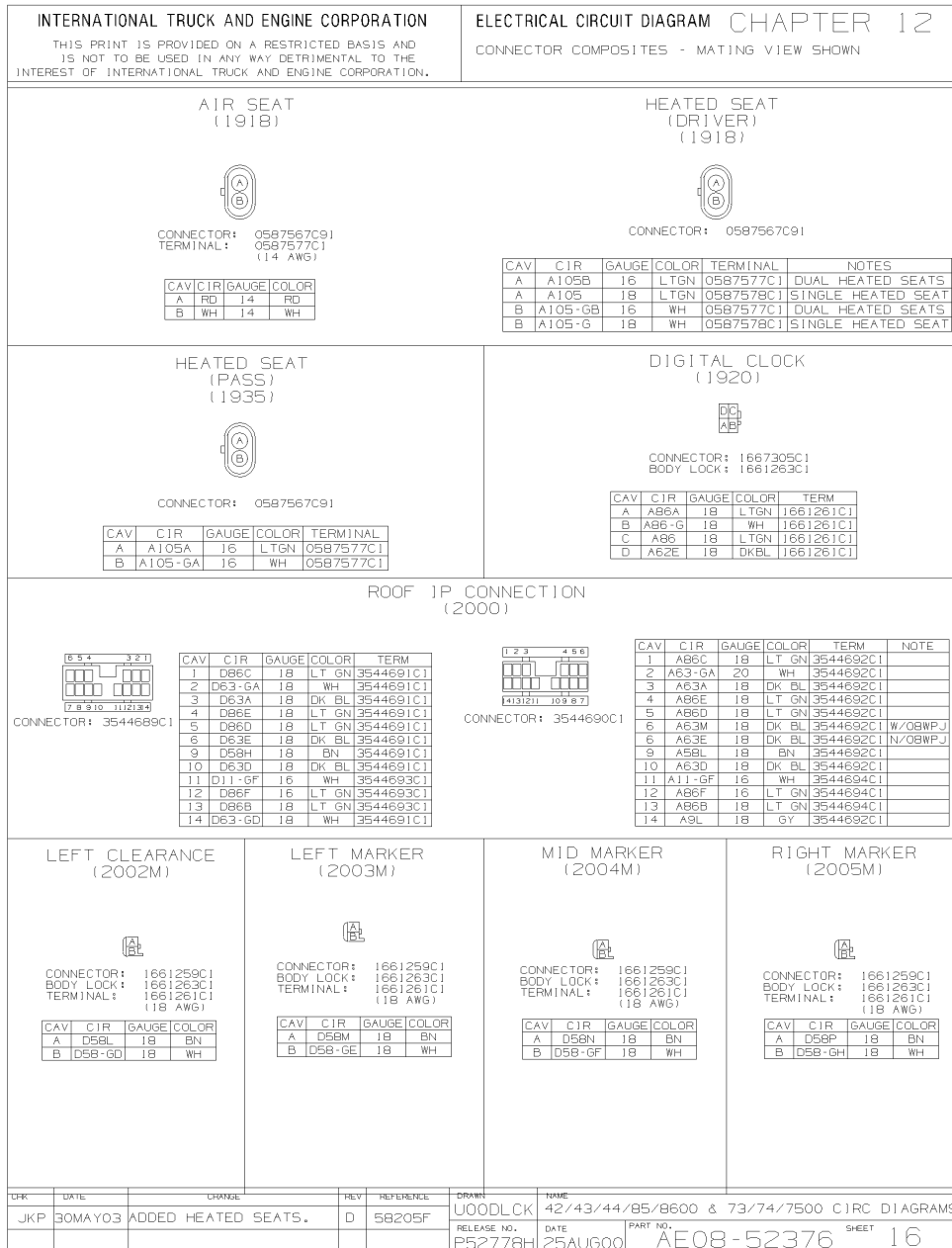


Figure 151 Connector Composites (1918), (1935), (1920), (2000), (2002M), (2003M), (2004M), (2005M)

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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </table> | CAV | CIR | GAUGE | COLOR | A | A12U | 14 | LT BL | B | A12-GB | 14 | WH | <p>AUX ROOF/IP CONNECTION (2022F)</p> <p>CONNECTOR: 3554817C1 BODY LOCK: 3554821C1 TERMINAL: 1661212C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>NOTES</th></tr> <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> </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 | <p>RIGHT CREW DOOR DOME SWITCH (2113M)</p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>NOTES</th></tr> <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> </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 | | <p>DOME/READING LIGHT COMPASS/TEMP UNIT (2117M)</p> <p>CONNECTOR: 3515762C1 BODY LOCK: 3515764C1-2 TERMINAL: 1661261C1(18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </table> | CAV | CIR | GAUGE | COLOR | A | C86F | 16 | LT GN | B | C86-GF | 16 | WH | <table border="1"> <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>15JAN01</td><td>PRODUCTION RELEASE.</td><td>A</td><td>P54304J</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</td></tr> </table> | CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | PEC | 15JAN01 | PRODUCTION RELEASE. | A | P54304J | 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 | <p>RELEASE NO. P52778H</p> | | | <p>DATE: 25AUG00</p> | <p>PART NO: AE08-52376</p> | <p>SHEET 17</p> |
| CAV | CIR | GAUGE | COLOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | D58R | 18 | BN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | D58-GJ | 18 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| B | D58-GL | 18 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| A | D58T | 14 | BN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | D58-GW | 14 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| A | A12U | 14 | LT BL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | A12-GB | 14 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>AUX ROOF/IP CONNECTION (2022F)</p> <p>CONNECTOR: 3554817C1 BODY LOCK: 3554821C1 TERMINAL: 1661212C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>NOTES</th></tr> <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> </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 | <p>RIGHT CREW DOOR DOME SWITCH (2113M)</p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>NOTES</th></tr> <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> </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 | | <p>DOME/READING LIGHT COMPASS/TEMP UNIT (2117M)</p> <p>CONNECTOR: 3515762C1 BODY LOCK: 3515764C1-2 TERMINAL: 1661261C1(18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </table> | CAV | CIR | GAUGE | COLOR | A | C86F | 16 | LT GN | B | C86-GF | 16 | WH | <table border="1"> <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>15JAN01</td><td>PRODUCTION RELEASE.</td><td>A</td><td>P54304J</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</td></tr> </table> | CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | PEC | 15JAN01 | PRODUCTION RELEASE. | A | P54304J | 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 | <p>RELEASE NO. P52778H</p> | | | <p>DATE: 25AUG00</p> | <p>PART NO: AE08-52376</p> | <p>SHEET 17</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>RIGHT CREW DOOR DOME SWITCH (2113M)</p> <p>CONNECTOR: 2036584C1 TERMINAL: 2036586C1 (18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>NOTES</th></tr> <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> </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 | | <p>DOME/READING LIGHT COMPASS/TEMP UNIT (2117M)</p> <p>CONNECTOR: 3515762C1 BODY LOCK: 3515764C1-2 TERMINAL: 1661261C1(18 AWG)</p> <table border="1"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </table> | CAV | CIR | GAUGE | COLOR | A | C86F | 16 | LT GN | B | C86-GF | 16 | WH | <table border="1"> <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>15JAN01</td><td>PRODUCTION RELEASE.</td><td>A</td><td>P54304J</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</td></tr> </table> | CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | PEC | 15JAN01 | PRODUCTION RELEASE. | A | P54304J | 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 | <p>RELEASE NO. P52778H</p> | | | <p>DATE: 25AUG00</p> | <p>PART NO: AE08-52376</p> | <p>SHEET 17</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </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"> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th></tr> <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> </table> | CAV | CIR | GAUGE | COLOR | A | C86F | 16 | LT GN | B | C86-GF | 16 | WH | <table border="1"> <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>15JAN01</td><td>PRODUCTION RELEASE.</td><td>A</td><td>P54304J</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</td></tr> </table> | CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | PEC | 15JAN01 | PRODUCTION RELEASE. | A | P54304J | 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 | <p>RELEASE NO. P52778H</p> | | | <p>DATE: 25AUG00</p> | <p>PART NO: AE08-52376</p> | <p>SHEET 17</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| A | C86F | 16 | LT GN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | C86-GF | 16 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <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>15JAN01</td><td>PRODUCTION RELEASE.</td><td>A</td><td>P54304J</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</td></tr> </table> | CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | PEC | 15JAN01 | PRODUCTION RELEASE. | A | P54304J | 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 | <p>RELEASE NO. P52778H</p> | | | <p>DATE: 25AUG00</p> | <p>PART NO: AE08-52376</p> | <p>SHEET 17</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEC | 15JAN01 | PRODUCTION RELEASE. | A | P54304J | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 152 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

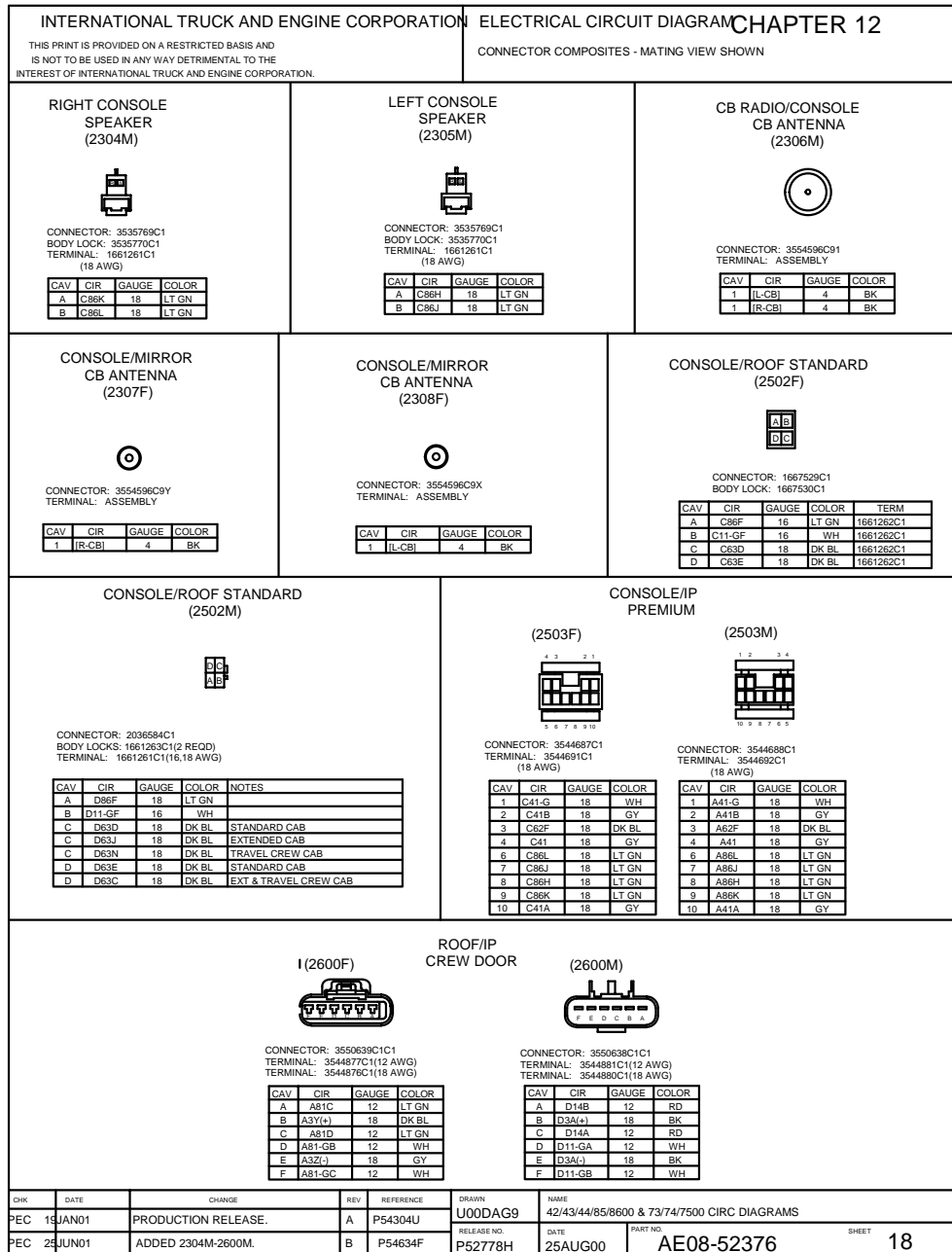
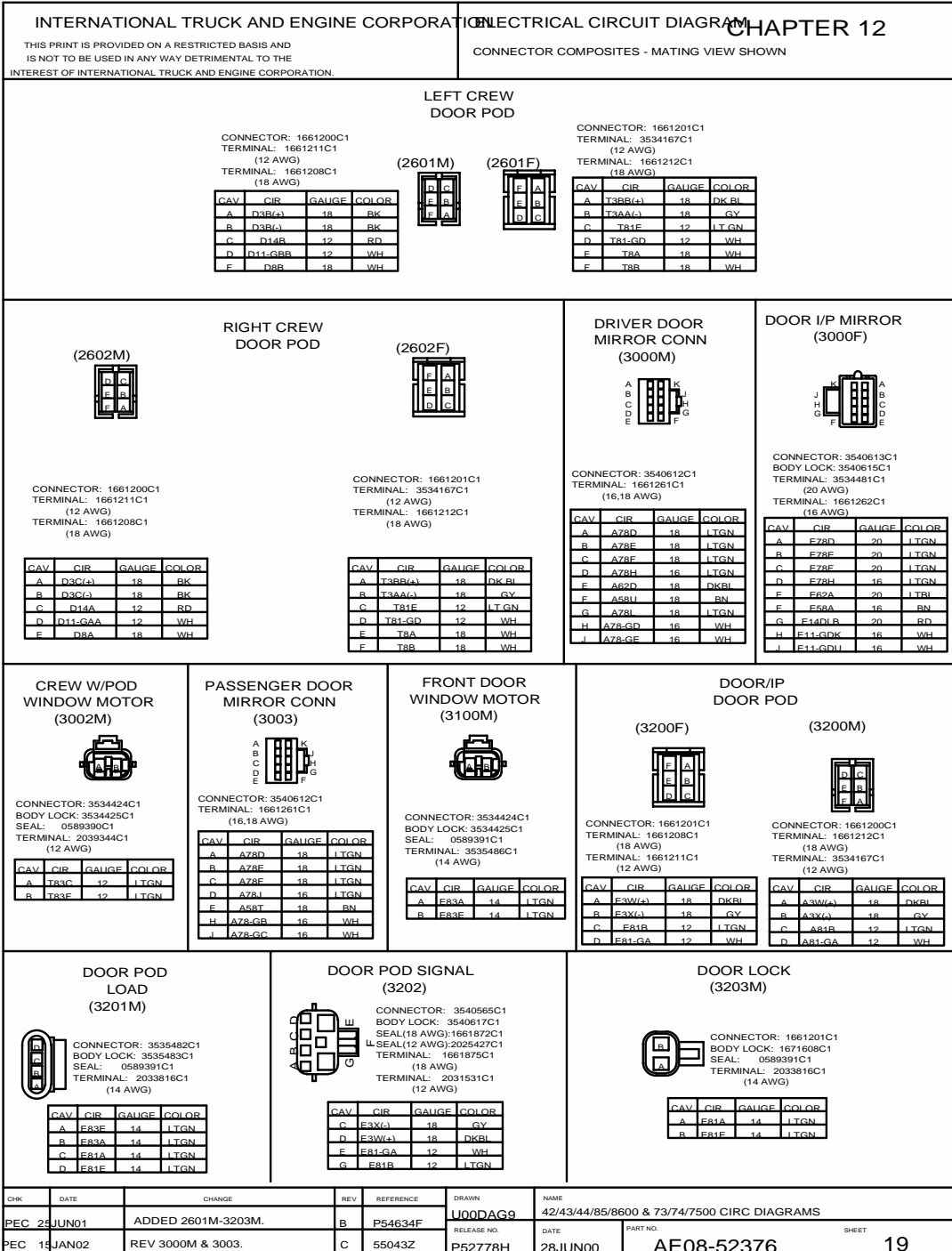


Figure 153 Connector Composites (2304M), (2305M), (2306M), (2307F), (2308F), (2502F), (2502M), (2503F, M), (2600F, M)

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



12.21. CONNECTOR COMPOSITE (4001), P. 21

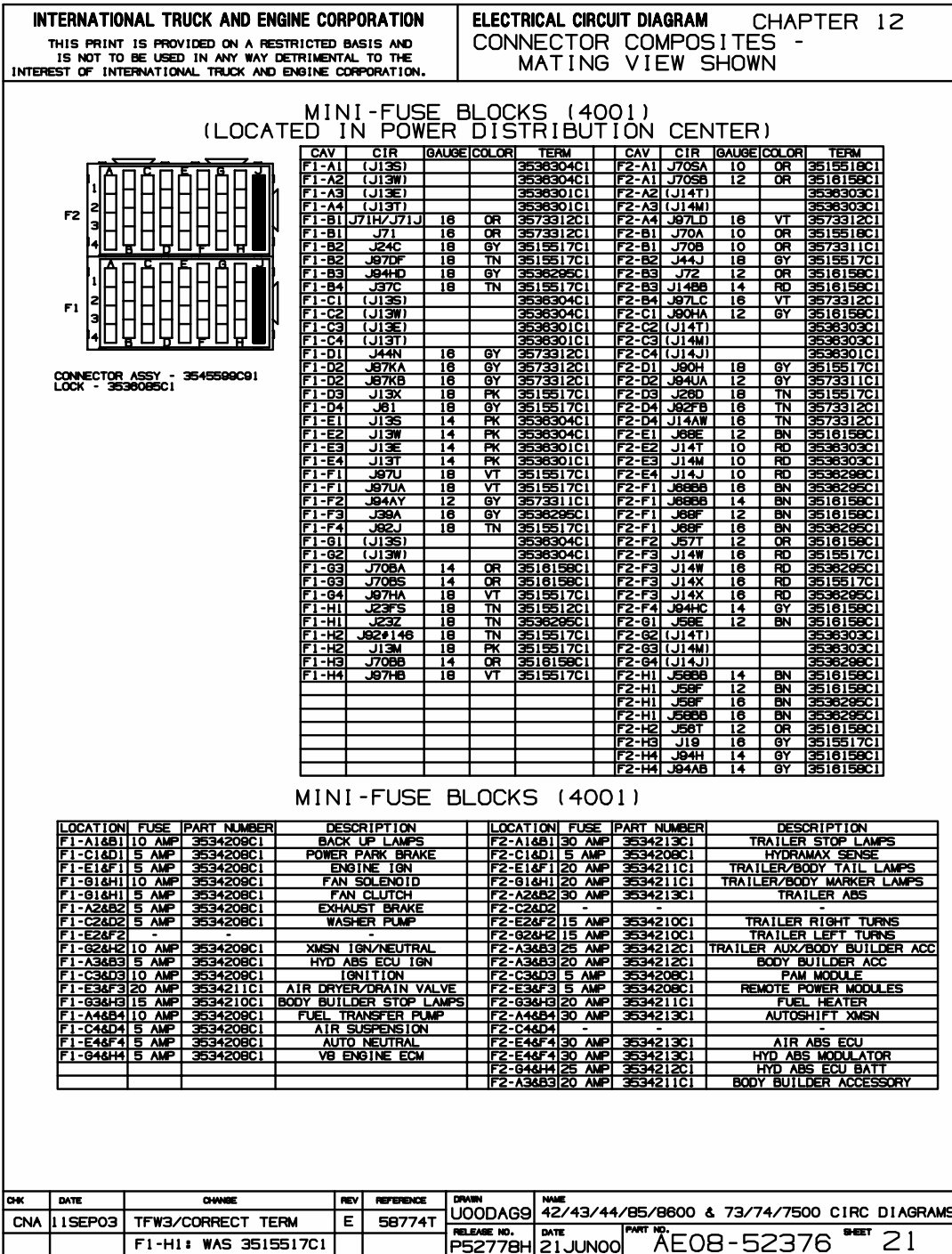


Figure 156 Connector Composite (4001)

12.22. CONNECTOR COMPOSITE (4002), P. 22

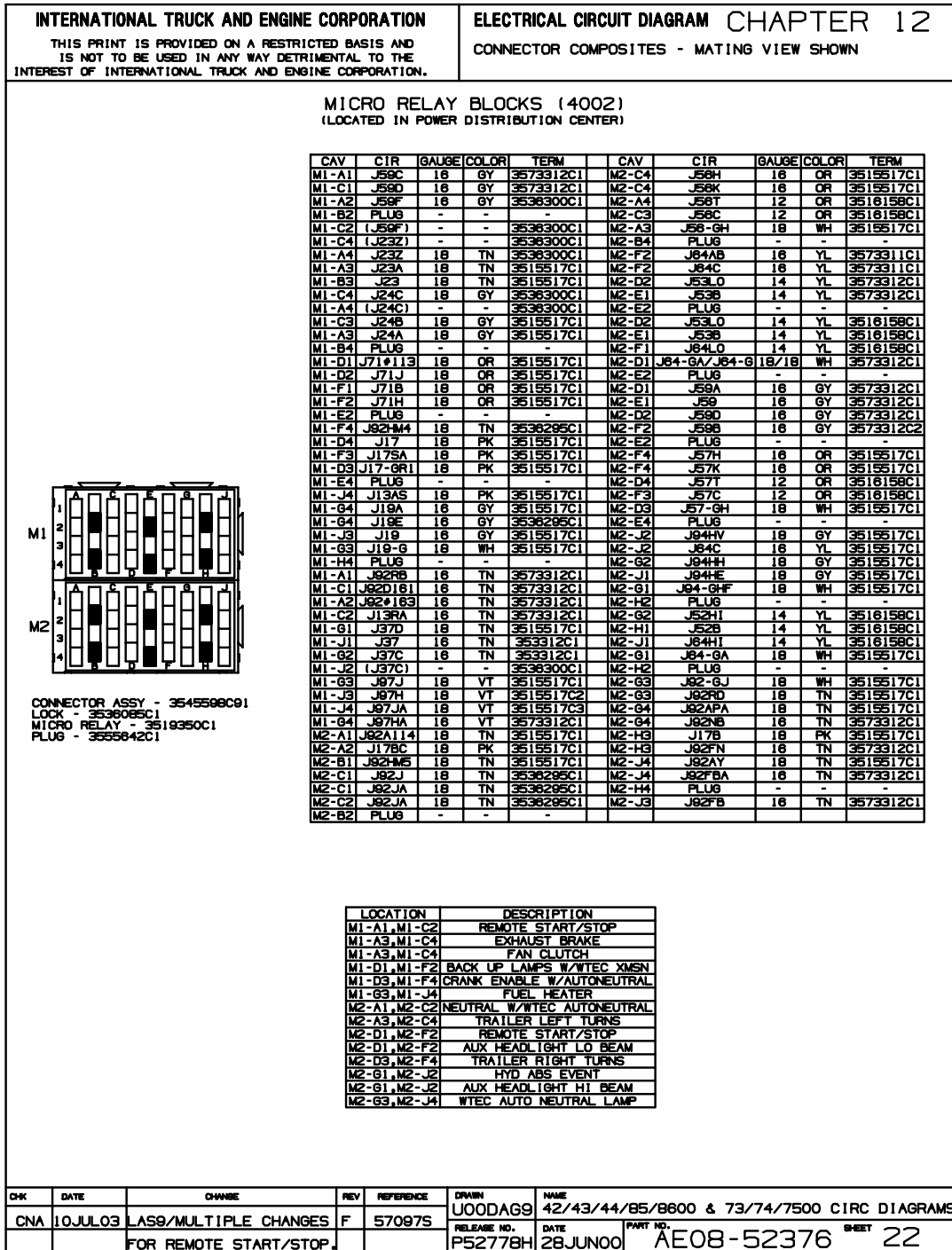


Figure 157 Connector Composite (4002)

12.23. CONNECTOR COMPOSITE (4003), P. 23

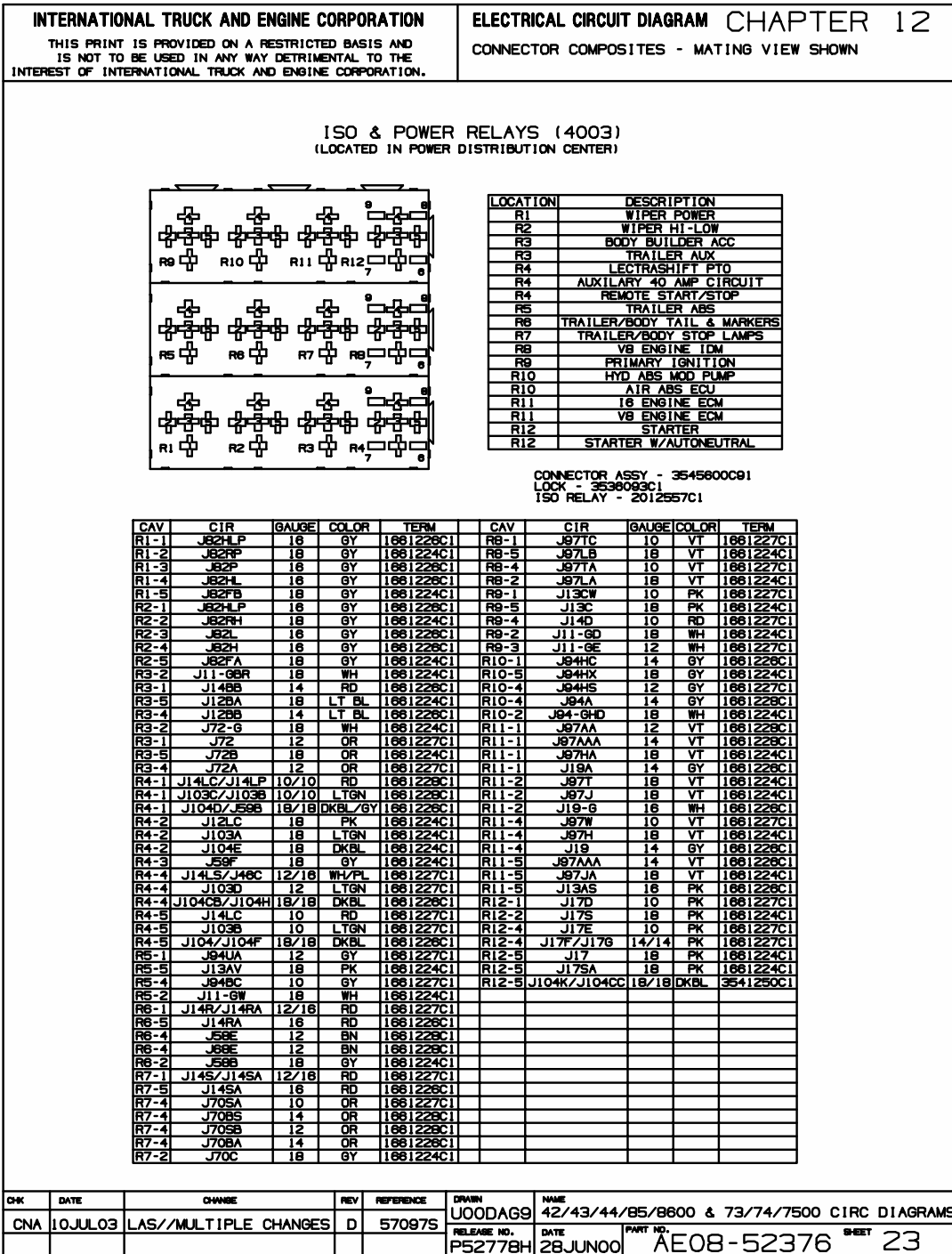


Figure 158 Connector Composite (4003)

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

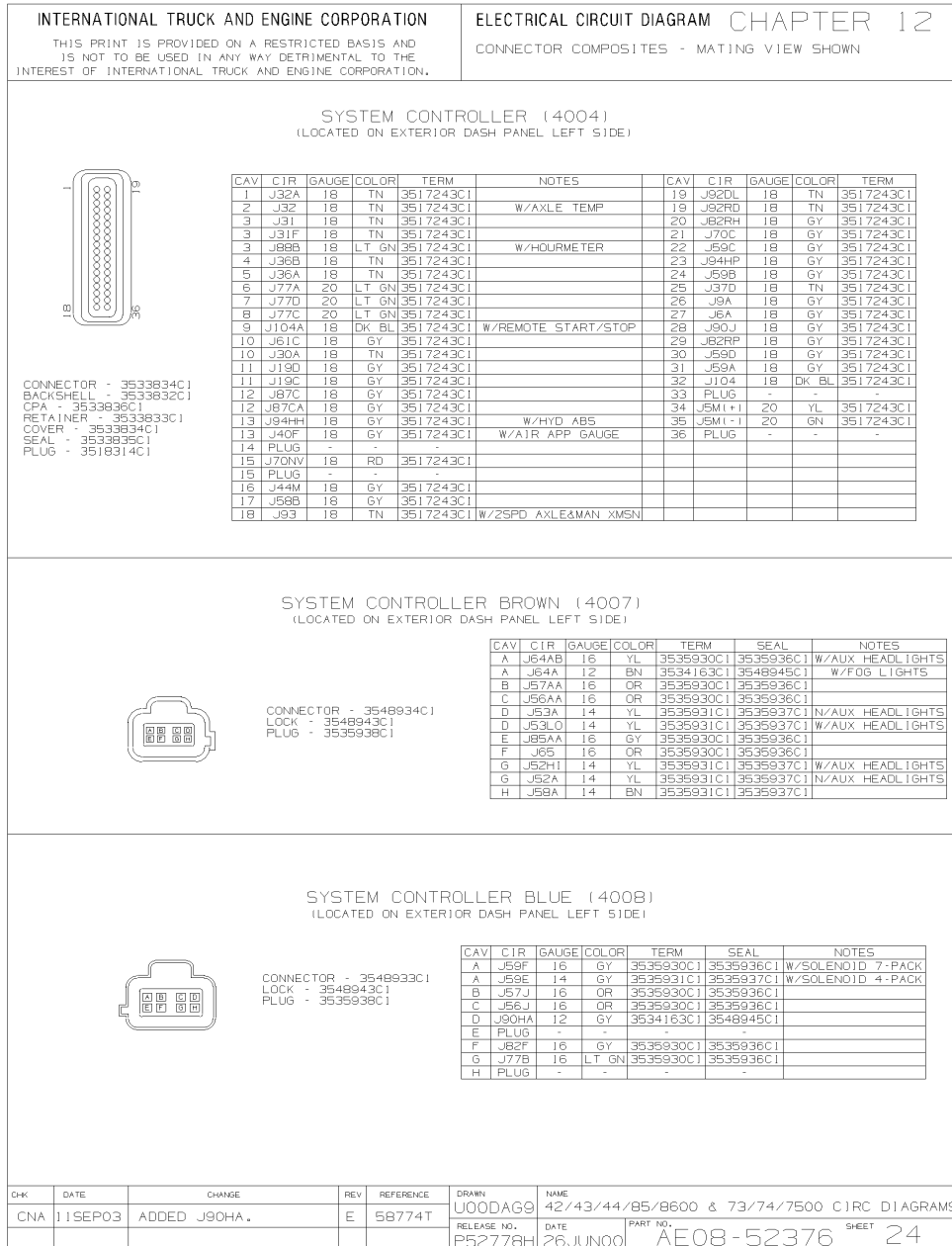


Figure 159 Connector Composites (4004), (4007), (4008)

12.25. CONNECTOR COMPOSITE (4014), P. 25

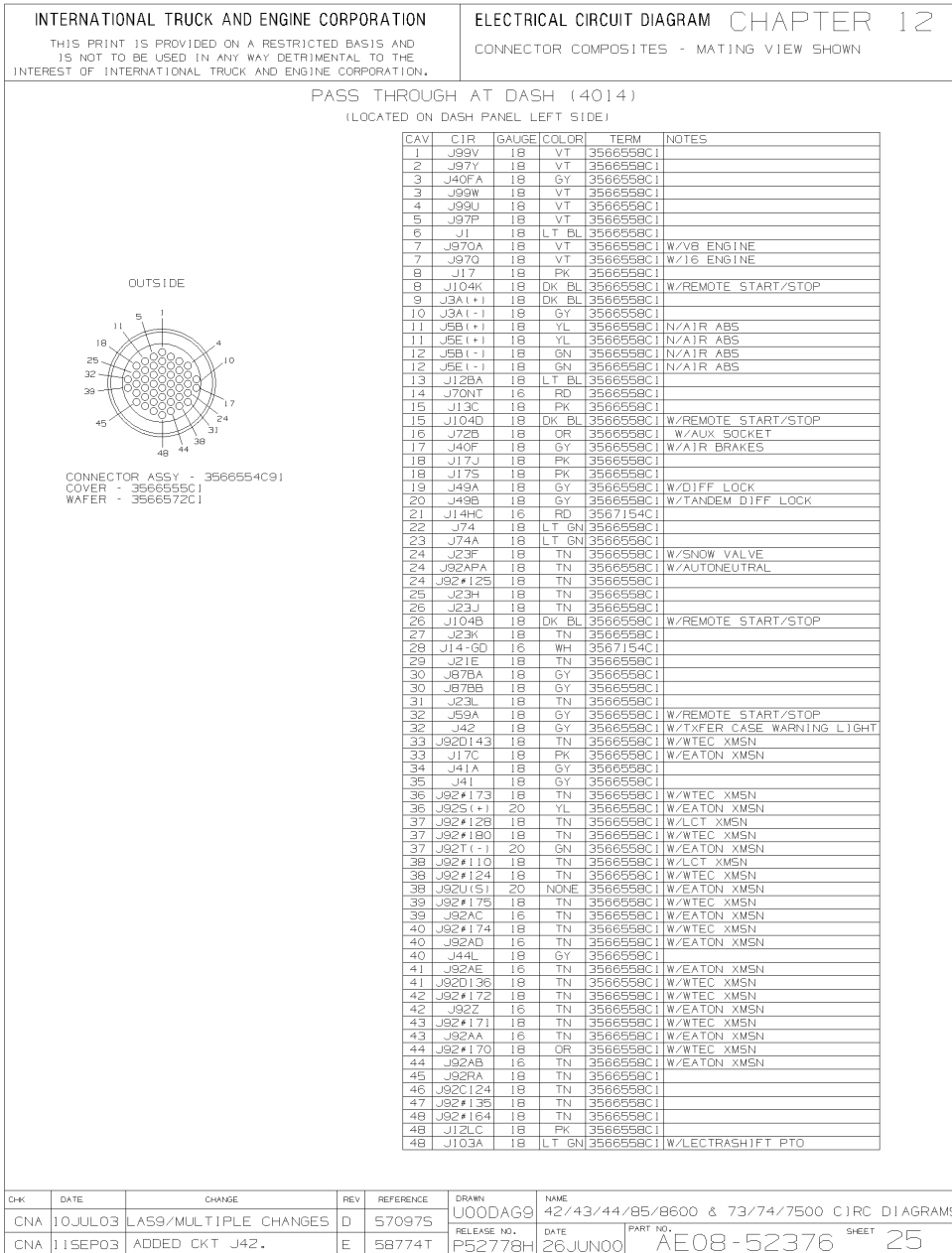


Figure 160 Connector Composite (4014)

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

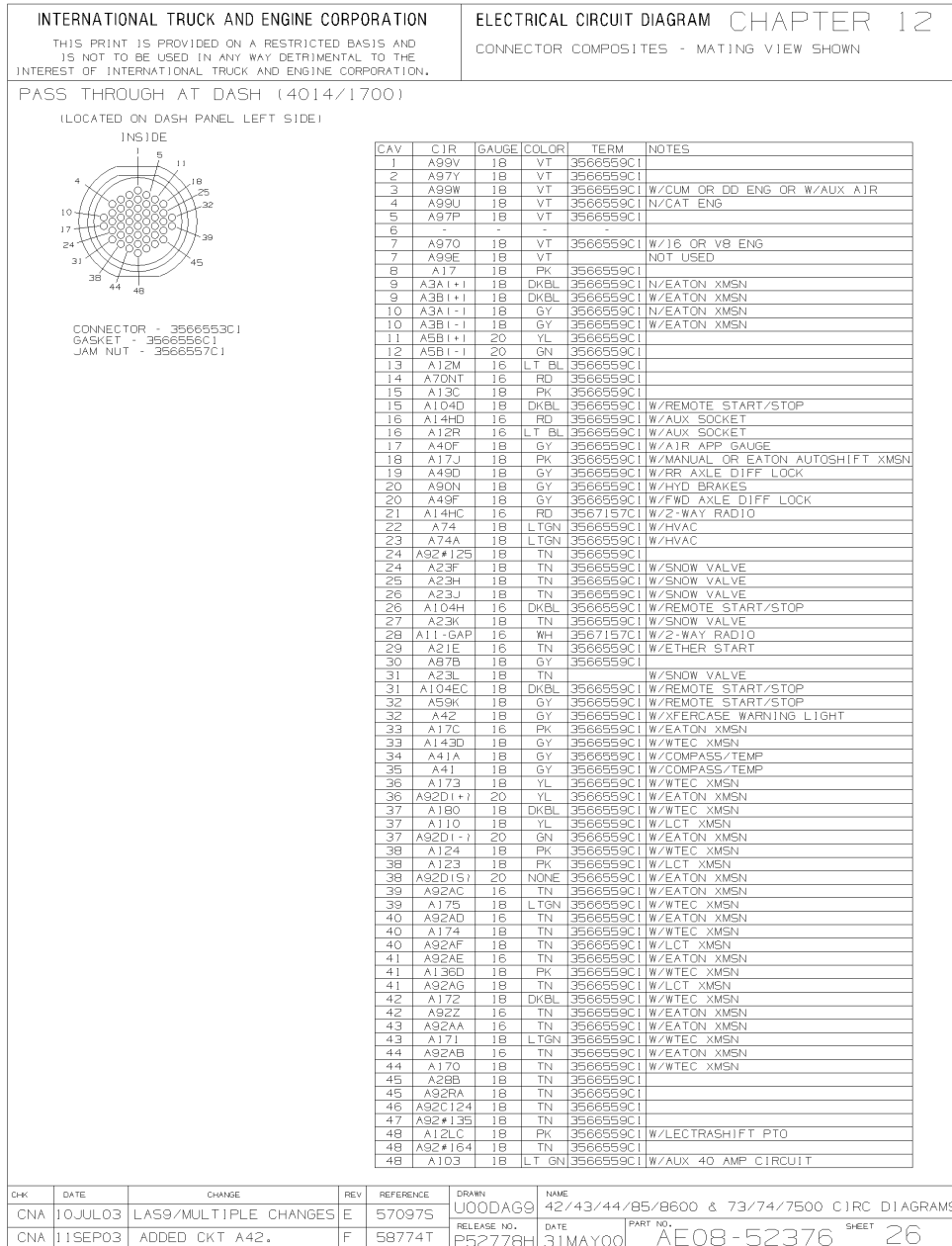


Figure 161 Connector Composite (4014/1700)

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

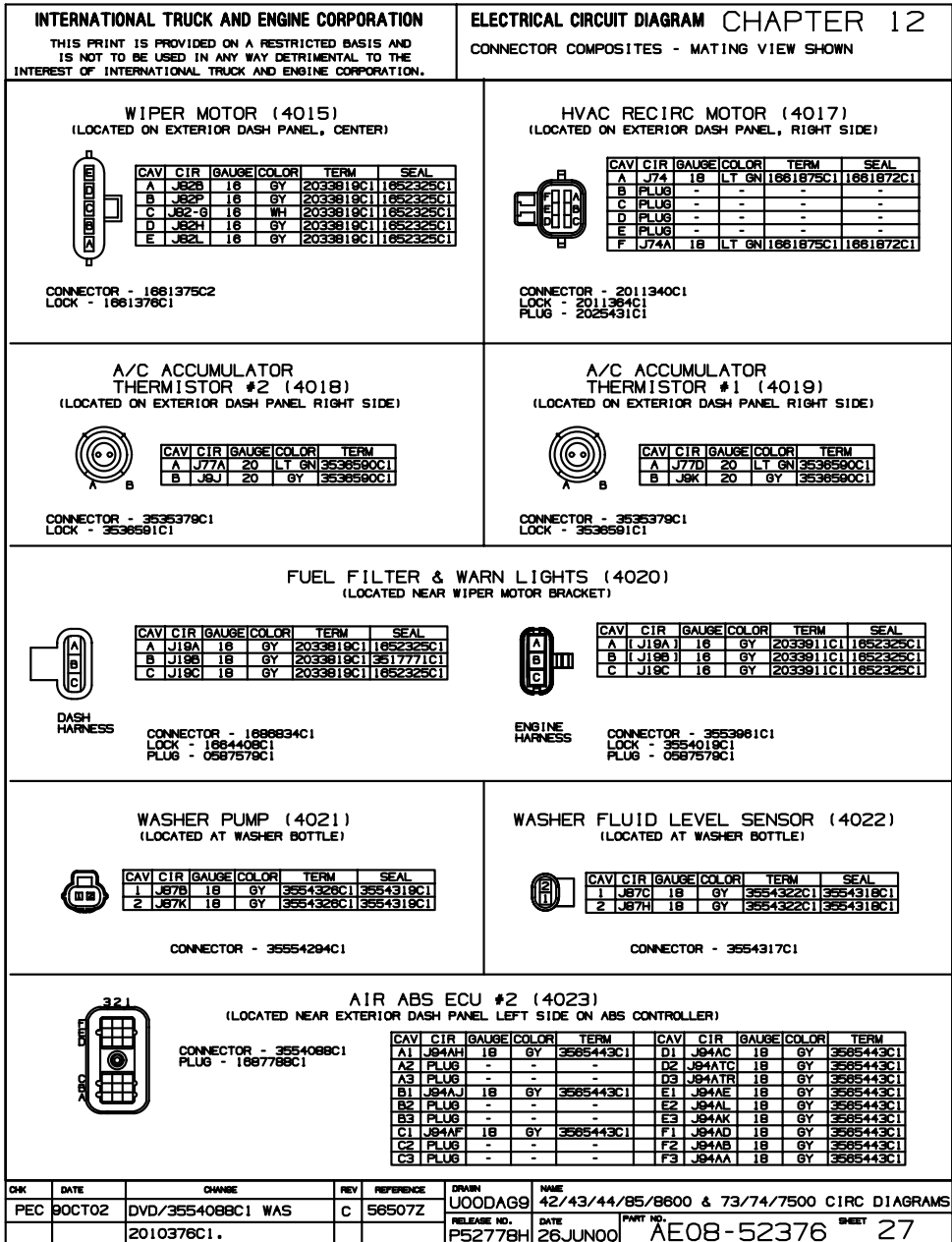


Figure 162 Connector Composites (4015), (4017), (4018), (4019), (4020), (4021), (4022), (4023)

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

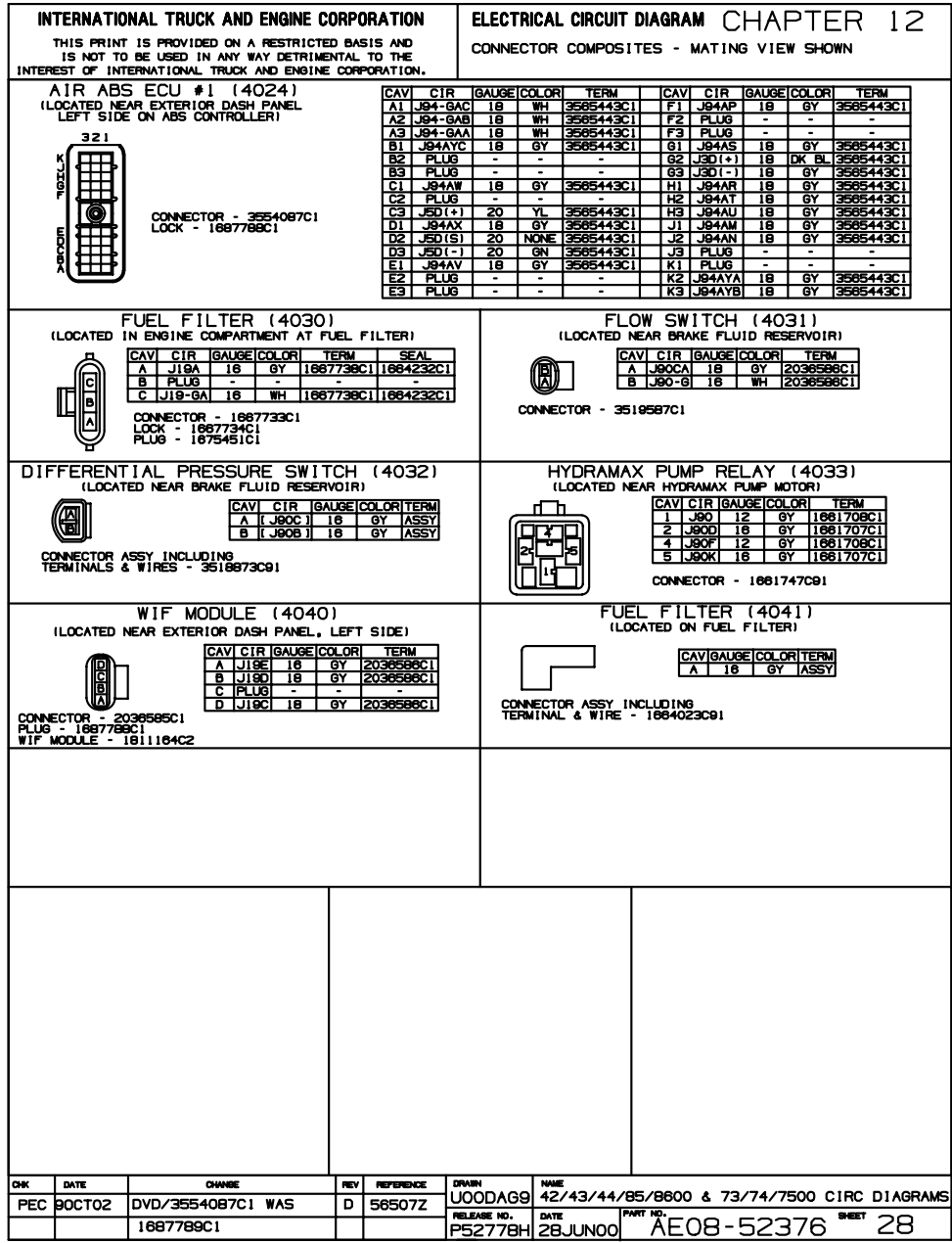


Figure 163 Connector Composites (4024), (4030), (4031), (4032), (4033), (4040), (4041)

12.29. CONNECTOR COMPOSITES (4070), (4071), (4087), (4098), (4101), P. 29

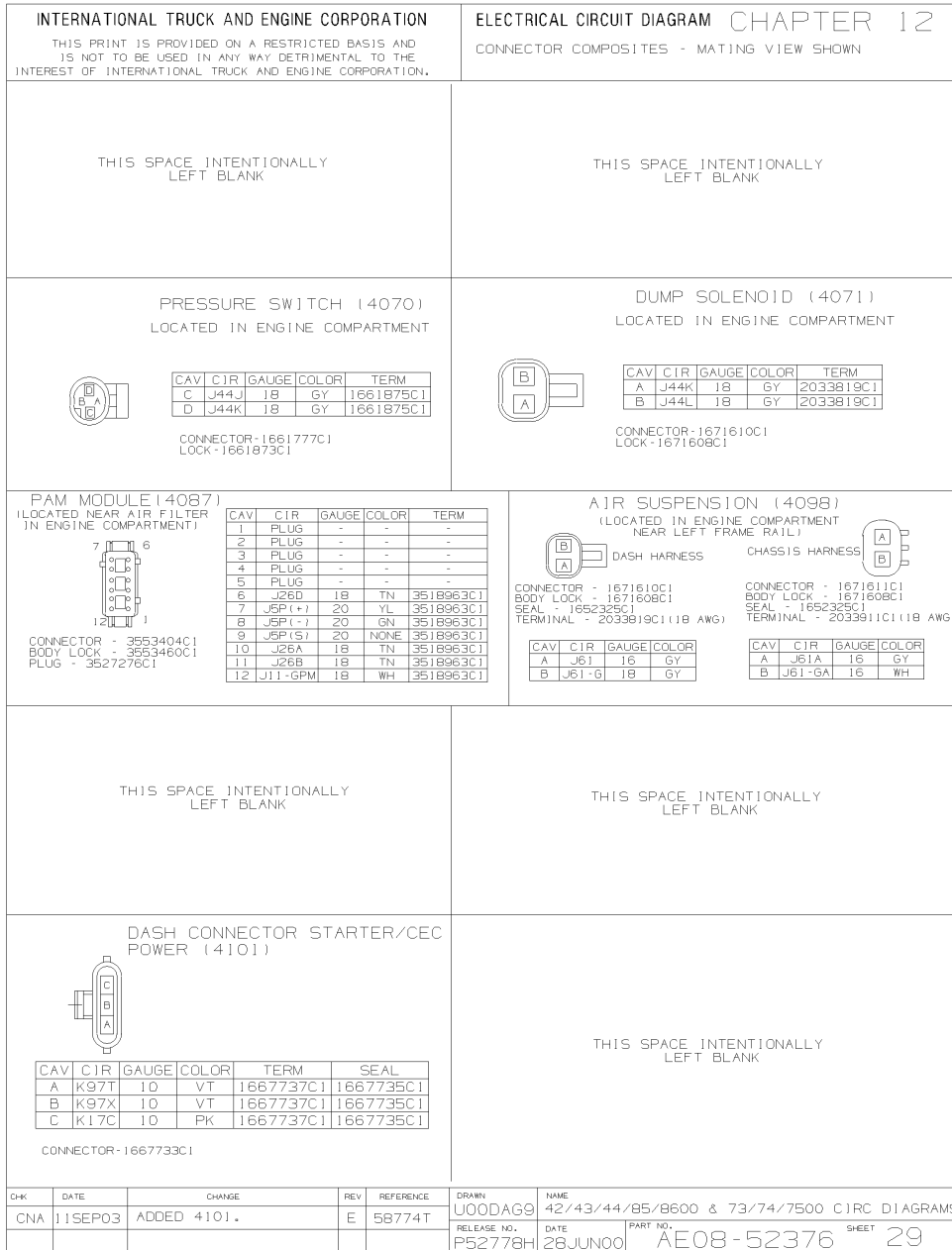


Figure 164 Connector Composites (4070), (4071), (4087), (4098), (4101)

12.30. CONNECTOR COMPOSITE (4103), P. 30

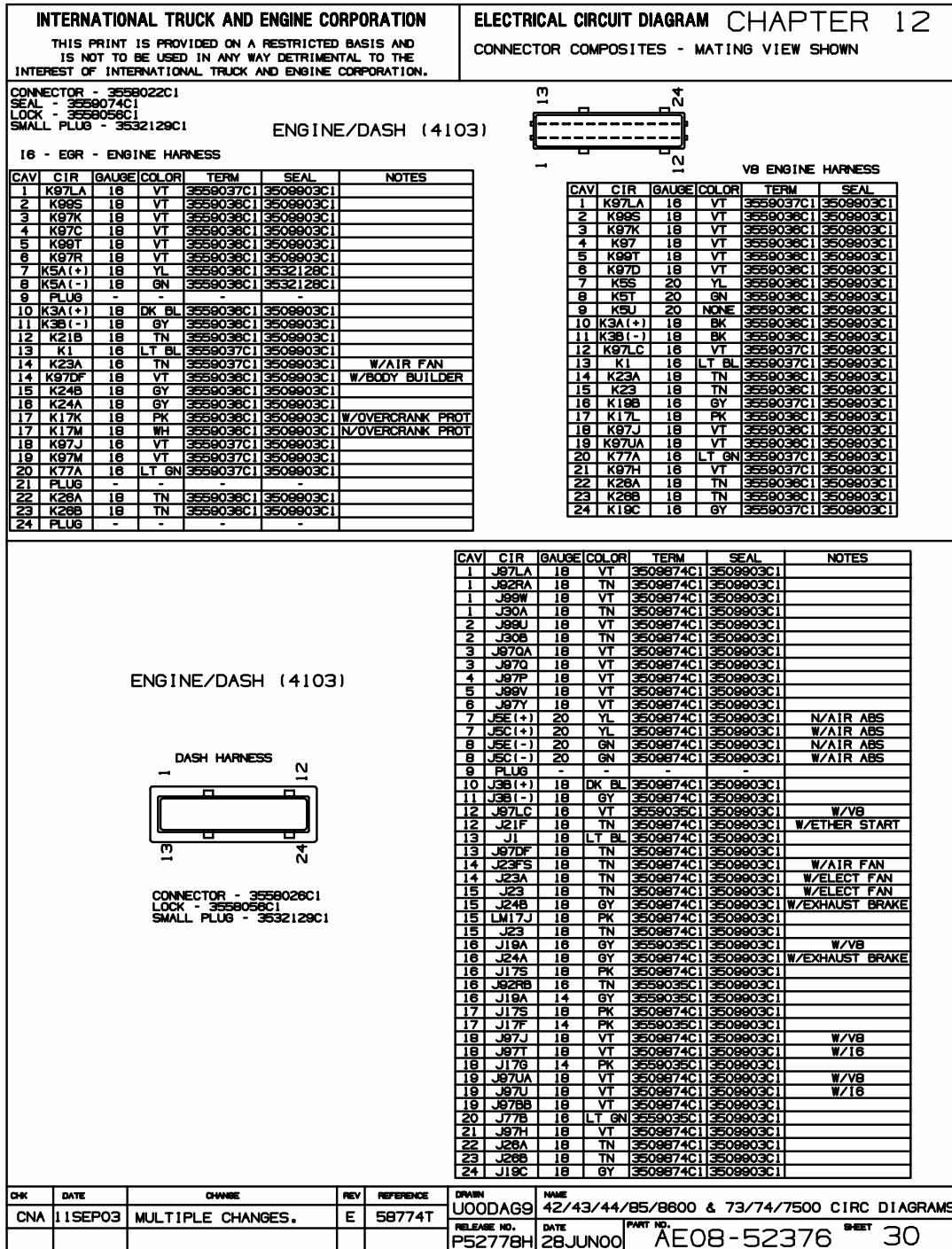


Figure 165 Connector Composite (4103)

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

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

ECM POWER/STARTER (4105)
 (LOCATED NEAR WIPER MOTOR BRACKET)

ENGINE HARNESS

| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES |
|-----|-------|-------|-------|-----------|-----------|-------|
| A | K97V | 10 | VT | 1667737C1 | 1667735C1 | W/IE |
| A | K97T | 10 | VT | 1667737C1 | 1667735C1 | W/W/B |
| B | K97AA | 10 | VT | 1667737C1 | 1667735C1 | W/IE |
| B | K97X | 10 | VT | 1667737C1 | 1667735C1 | W/W/B |
| C | K17C | 10 | PK | 1667737C1 | 1667735C1 | |

CONNECTOR - 1667733C1
 LOCK - 1667734C1

DASH HARNESS

| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES |
|-----|-------|-------|-------|-----------|-----------|-------|
| A | J97W | 10 | VT | 2025425C1 | 1667735C1 | W/IE |
| A | J97TA | 10 | VT | 2025425C1 | 1667735C1 | W/W/B |
| B | J97AA | 12 | VT | 2025424C1 | 1671603C1 | W/IE |
| B | J97XA | 10 | VT | 2025425C1 | 1667735C1 | W/W/B |
| C | J17E | 10 | PK | 2025425C1 | 1667735C1 | |

CONNECTOR - 1667732C1
 LOCK - 1667734C1

FAN AIR SOLENOID (4111)
 (LOCATED NEAR WIPER MOTOR BRACKET)

| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES |
|-----|------|-------|-------|-----------|-----------|----------------|
| A | K23B | 18 | TN | 2033819C1 | 1652325C1 | W/BODY BUILDER |
| A | K23A | 16 | TN | 2033819C1 | 1652325C1 | N/BODY BUILDER |
| B | K97B | 18 | VT | 2033819C1 | 1652325C1 | |

CONNECTOR - 1671610C1
 LOCK - 1671608C1

SNOW VALVE (4120)
 (LOCATED ON AIR INTAKE FILTER)

| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES |
|-----|------|-------|-------|-----------|-----------|-------|
| A | J23F | 18 | TN | 1661875C1 | 1661872C1 | |
| B | J23H | 18 | TN | 1661875C1 | 1661872C1 | |
| C | J23I | 18 | TN | 1661875C1 | 1661872C1 | |
| D | J23K | 18 | TN | 1661875C1 | 1661872C1 | |
| E | J23J | 18 | TN | 1661875C1 | 1661872C1 | |

CONNECTOR - 3522251C1
 LOCK - 3522253C1

FORWARD CHASSIS/DASH (4301)
 (LOCATED IN ENGINE COMPARTMENT NEAR LEFT FRAME RAIL)

DASH HARNESS

CONNECTOR - 3558026C1
 LOCK - 3558056C1
 PLUG - 3532129C1

FORWARD CHASSIS HARNESS

CONNECTOR - 3558022C1
 SEAL - 3559047C1
 LOCK - 3558056C1
 PLUG - 3532129C1

FORWARD CHASSIS HARNESS

| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES |
|-----|-------|-------|--------|-----------|-----------|--------------|
| 1 | M9 | 18 | GY | 3559036C1 | 3509903C1 | W/AUX AIR |
| 1 | M9A | 18 | GY | 3559036C1 | 3509903C1 | W/AIR ABS |
| 1 | M94A | 18 | BL | 3559037C1 | 3558022C1 | W/WABCO AIR |
| 2 | M94A | 18 | GY | 3559036C1 | 3509903C1 | W/AIR ABS |
| 2 | M6 | 18 | GY | 3559036C1 | 3509903C1 | W/AUX AIR |
| 2 | M94A | 14 | GN | 3559037C1 | 3558022C1 | W/WABCO AIR |
| 3 | M40 | 18 | GY | 3559036C1 | 3509903C1 | W/AUX AIR |
| 3 | M94B | 18 | GY | 3559036C1 | 3509903C1 | W/AIR ABS |
| 3 | M94B | 14 | BN | 3559037C1 | 3558022C1 | W/WABCO AIR |
| 4 | M92B | 14 | YI | 3559037C1 | 3509903C1 | |
| 5 | M53 | 14 | YI | 3559037C1 | 3509903C1 | |
| 6 | M94C | 18 | GY | 3559036C1 | 3509903C1 | W/AIR ABS |
| 6 | M94J | 18 | BK | 3559036C1 | 3509903C1 | W/HYD ABS |
| 6 | M94C | 18 | BN | 3558022C1 | 3558022C1 | W/WABCO AIR |
| 7 | M94D | 18 | GY | 3559036C1 | 3509903C1 | W/AIR ABS |
| 7 | M94M | 18 | BN | 3559036C1 | 3509903C1 | W/HYD ABS |
| 7 | M94D | 18 | BK | 3559036C1 | 3558022C1 | W/WABCO AIR |
| 8 | M9 | 20 | GY | 3559036C1 | 3532128C1 | |
| 9 | M56B | 16 | OR | 3559037C1 | 3509903C1 | |
| 10 | M56E | 16 | GY | 3559037C1 | 3509903C1 | |
| 11 | M67B | 16 | OR | 3559037C1 | 3509903C1 | |
| 12 | M58B | 14 | BN | 3559037C1 | 3509903C1 | |
| 13 | M11-G | 12 | WH | 3559037C1 | 3509903C1 | |
| 14 | M94E | 18 | GY | 3559036C1 | 3509903C1 | W/AIR ABS |
| 14 | M94N | 18 | BK | 3559036C1 | 3509903C1 | W/HYD ABS |
| 14 | M94E | 18 | BN | 3558022C1 | 3558022C1 | W/WABCO AIR |
| 15 | M94F | 18 | GY | 3559036C1 | 3509903C1 | W/AIR ABS |
| 15 | M94P | 18 | BN | 3559036C1 | 3509903C1 | W/HYD ABS |
| 15 | M94F | 18 | BK | 3559036C1 | 3558022C1 | W/WABCO AIR |
| 16 | M94H | 18 | GY | 3559036C1 | 3509903C1 | |
| 16 | M94H | 14 | BI | 3559037C1 | 3558022C1 | W/WABCO AIR |
| 17 | M94I | 18 | GY | 3559036C1 | 3509903C1 | |
| 17 | M94I | 14 | GN | 3559037C1 | 3558022C1 | W/WABCO AIR |
| 18 | M94K | 18 | GY | 3559036C1 | 3509903C1 | |
| 18 | M94K | 14 | BN | 3559037C1 | 3558022C1 | W/WABCO AIR |
| 19 | M21C | 18 | TN | 3559036C1 | 3509903C1 | |
| 20 | M64L | 14 | YI | 3559037C1 | 3509903C1 | W/AUX LIGHTS |
| 20 | M6A | 16 | YI | 3559037C1 | 3509903C1 | W/FOG LIGHTS |
| 21 | M78H | 16 | I.T.GN | 3559037C1 | 3509903C1 | |
| 22 | M21D | 18 | TN | 3559036C1 | 3509903C1 | |
| 23 | M77 | 20 | I.T.GN | 3559036C1 | 3532128C1 | |
| 24 | M6 | 20 | GY | 3559036C1 | 3532128C1 | |

FORWARD CHASSIS/DASH (4301)

DASH HARNESS

| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES |
|-----|-------|-------|--------|-----------|-----------|--------------|
| 1 | J94AP | 18 | GY | 3509874C1 | 3509903C1 | W/AIR ABS |
| 1 | J94EA | 18 | GY | 3509874C1 | 3509903C1 | W/AUX AIR |
| 2 | J94AR | 18 | GY | 3509874C1 | 3509903C1 | W/AIR ABS |
| 2 | J6BA | 18 | GY | 3509874C1 | 3509903C1 | W/AUX AIR |
| 3 | J40FA | 18 | GY | 3509874C1 | 3509903C1 | W/AUX AIR |
| 3 | J94AS | 18 | GY | 3509874C1 | 3509903C1 | W/AIR ABS |
| 4 | J52A | 14 | YI | 3559035C1 | 3509903C1 | W/STD LIGHTS |
| 4 | J52B | 14 | YI | 3559035C1 | 3509903C1 | W/AUX LIGHTS |
| 5 | J53A | 14 | YI | 3559035C1 | 3509903C1 | W/STD LIGHTS |
| 5 | J53B | 14 | YI | 3559035C1 | 3509903C1 | W/AUX LIGHTS |
| 6 | J94HM | 18 | GY | 3509874C1 | 3509903C1 | W/HYD ABS |
| 6 | J94AM | 18 | GY | 3509874C1 | 3509903C1 | W/AIR ABS |
| 7 | J94HN | 18 | GY | 3509874C1 | 3509903C1 | W/HYD ABS |
| 7 | J94AN | 18 | GY | 3509874C1 | 3509903C1 | W/AIR ABS |
| 8 | J9Y | 20 | GY | 3509874C1 | 3532128C1 | |
| 8 | J96A | 16 | OR | 3559035C1 | 3509903C1 | |
| 10 | J85AA | 16 | GY | 3559035C1 | 3509903C1 | |
| 11 | J85A | 16 | OR | 3559035C1 | 3509903C1 | |
| 12 | J85BA | 14 | BN | 3559035C1 | 3509903C1 | |
| 13 | J11-G | 12 | WH | 3559035C1 | 3509903C1 | |
| 14 | J94AT | 18 | GY | 3509874C1 | 3509903C1 | W/AIR ABS |
| 14 | J94HT | 18 | GY | 3509874C1 | 3509903C1 | W/HYD ABS |
| 15 | J94AU | 18 | GY | 3509874C1 | 3509903C1 | W/AIR ABS |
| 15 | J94HU | 18 | GY | 3509874C1 | 3509903C1 | W/HYD ABS |
| 16 | J94AV | 18 | GY | 3509874C1 | 3509903C1 | |
| 17 | J94AW | 18 | GY | 3509874C1 | 3509903C1 | |
| 18 | J94AX | 18 | GY | 3509874C1 | 3509903C1 | |
| 19 | J21E | 18 | TN | 3509874C1 | 3509903C1 | |
| 20 | J64A | 12 | BN | 3559035C1 | 3509903C1 | W/FOG LIGHTS |
| 20 | J64D | 14 | YI | 3559035C1 | 3509903C1 | W/AUX LIGHTS |
| 21 | J78K | 16 | I.T.GN | 3559035C1 | 3509903C1 | |
| 22 | J21E | 18 | TN | 3509874C1 | 3509903C1 | |
| 23 | J77C | 20 | I.T.GN | 3509874C1 | 3532128C1 | |
| 24 | J6E | 18 | I.T.GN | 3509874C1 | 3509903C1 | |

CHK DATE CHANGE REV REFERENCE DRAWN NAME
 20030601 ADDED CAV 14 TO 4301 D 56507K U00DAG9 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS
 20030601 SWITCHED NOTES CAV 5. P52778H 21.JUN00 PART NO. AE08-52376 SHEET 31

Figure 166 Connector Composites (4105), (4111), (4120), (4301)

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

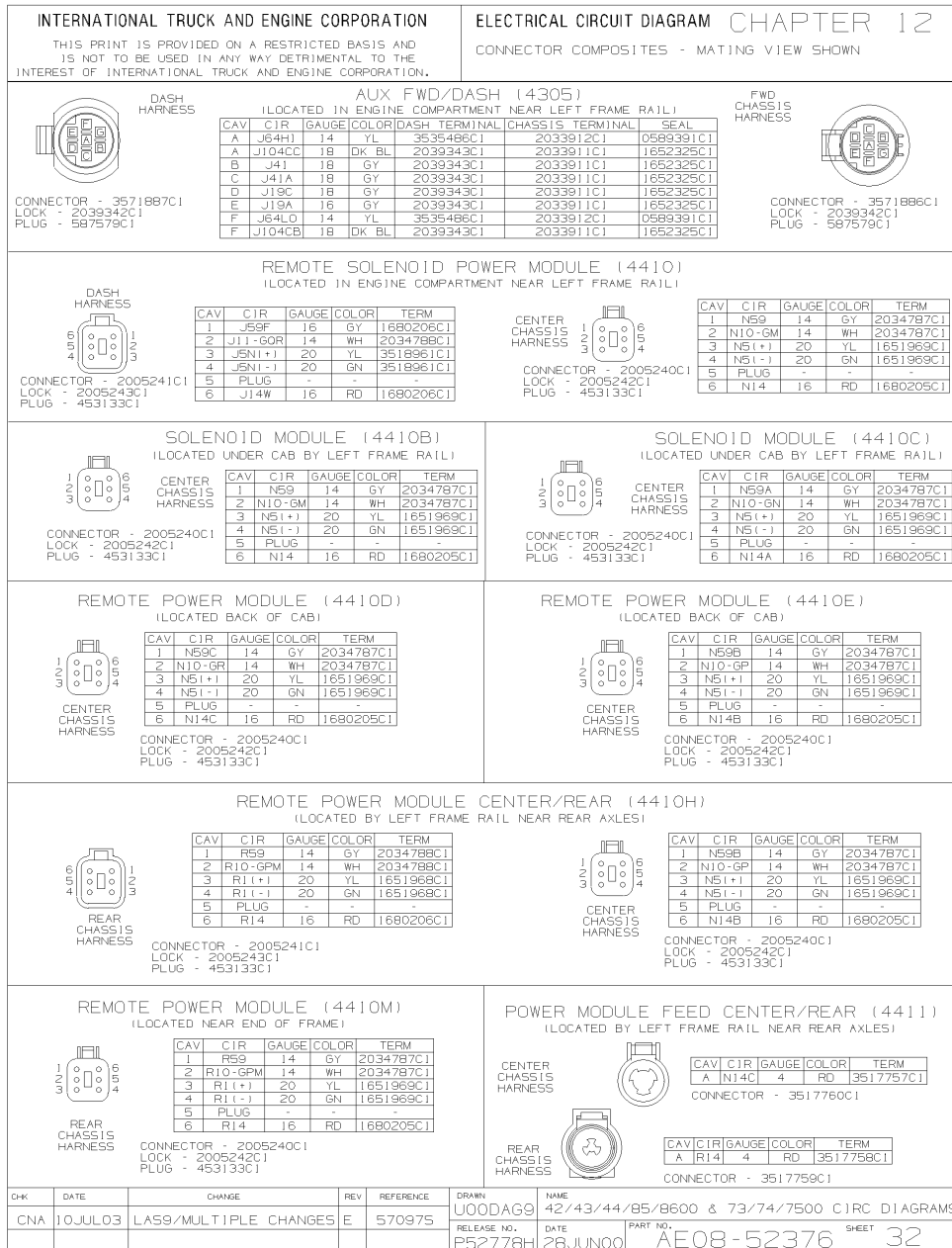


Figure 167 Connector Composites (4305), (4410), (4410B), (4410C), (4410D), (4410E), (4410H), (4410M), (4411)

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

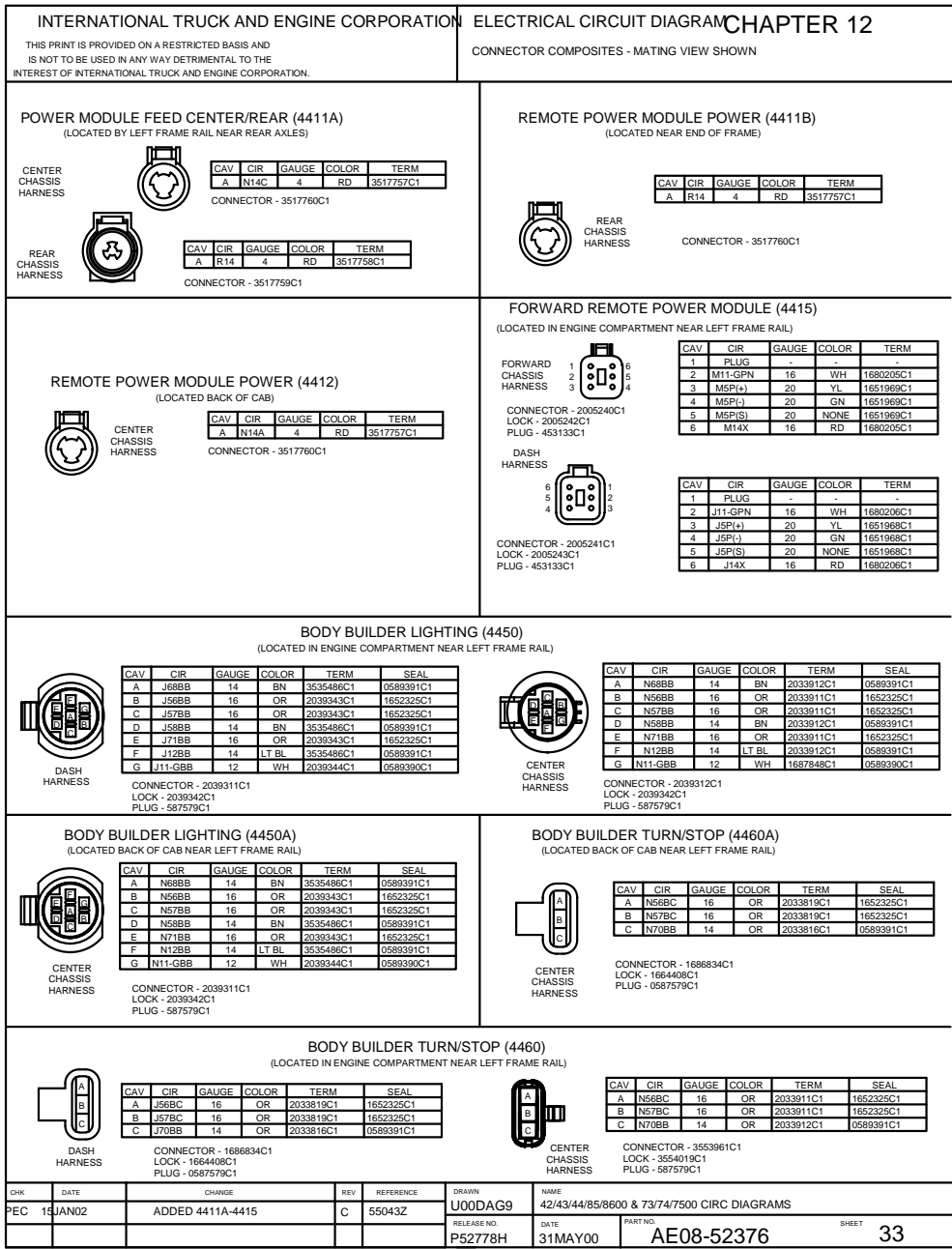


Figure 168 Connector Composites (4411A), (4411B), (4412), (4415), (4450), (4450A), (4460A), (4460)

12.35. CONNECTOR COMPOSITES (4810), (4712F), (4820), (4713F), (4830), (4840), (4850), P. 35



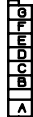


| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>BACKUP LIGHT TURN SIGNAL SPLICE (4810) (LOCATED NEAR POWER DISTRIBUTION CENTER)</p>  <p>CONNECTOR - 3543733C1 LOCK - 3543732C1 PLUG - 3535425C1 BUS BAR - 3543736C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th><th>NOTES</th></tr> </thead> <tbody> <tr><td></td><td>RIGHT</td><td>TURN</td><td>BUS</td><td>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</td><td>TURN</td><td>BUS</td><td>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</td><td>UP</td><td>LIGHT</td><td>BUS</td><td>BAR</td><td></td></tr> <tr><td>J</td><td>J71A</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td>K</td><td>J71BB</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>L</td><td>J71AA</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td>W/ALLISON LCT</td></tr> <tr><td>L</td><td>J71B</td><td>18</td><td>OR</td><td>3535303C1</td><td>3535424C1</td><td>W/ALLISON WTEC</td></tr> <tr><td>L</td><td>J71A</td><td>18</td><td>OR</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 | UP | LIGHT | BUS | BAR | | J | J71A | 18 | OR | 3535303C1 | 3535424C1 | | K | J71BB | 18 | OR | 3535303C1 | 3535424C1 | | L | J71AA | 18 | OR | 3535303C1 | 3535424C1 | W/MANUAL XMSN | L | J71AA | 18 | OR | 3535303C1 | 3535424C1 | W/ALLISON LCT | L | J71B | 18 | OR | 3535303C1 | 3535424C1 | W/ALLISON WTEC | L | J71A | 18 | OR | 3535303C1 | 3535424C1 | W/EATON AUTOSHIFT | M | PLUG | - | - | - | - | | <p>TRANS/DASH (4712F) CONNECTOR - 3525874C1 LOCK - 3525875C1 PLUG - 2025431C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K71C</td><td>16</td><td>OR</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>A</td><td>K71E</td><td>16</td><td>OR</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K71B</td><td>16</td><td>OR</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K71D</td><td>16</td><td>OR</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K92A12B</td><td>18</td><td>TN</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>B</td><td>K92A12B</td><td>18</td><td>TN</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>C</td><td>K83</td><td>18</td><td>TN</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>K92A110</td><td>18</td><td>TN</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>D</td><td>K13A</td><td>16</td><td>PK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>K71</td><td>16</td><td>OR</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>K31B</td><td>18</td><td>TN</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>K31E</td><td>16</td><td>TN</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>F</td><td>K17D</td><td>18</td><td>PK</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>F</td><td>K17E</td><td>18</td><td>PK</td><td>1667742C1</td><td>3568570C1</td></tr> <tr><td>G</td><td>K93-G</td><td>18</td><td>TN</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>G</td><td>K31-9C</td><td>18</td><td>WH</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>G</td><td>K31-9E</td><td>16</td><td>TN</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>G</td><td>K13M</td><td>18</td><td>PK</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>H</td><td>K11-9</td><td>18</td><td>WH</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>H</td><td>K71A</td><td>16</td><td>OR</td><td>1667742C1</td><td>1661872C1</td></tr> </tbody> </table> | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | K71C | 16 | OR | 1667742C1 | 1661872C1 | A | K71E | 16 | OR | 1667742C1 | 1661872C1 | B | K71B | 16 | OR | 1667742C1 | 1661872C1 | B | K71D | 16 | OR | 1667742C1 | 1661872C1 | B | K92A12B | 18 | TN | 1667742C1 | 3568570C1 | B | K92A12B | 18 | TN | 1667742C1 | 3568570C1 | C | K83 | 18 | TN | 1667742C1 | 1661872C1 | C | K92A110 | 18 | TN | 1667742C1 | 3568570C1 | D | K13A | 16 | PK | 1667742C1 | 1661872C1 | D | K71 | 16 | OR | 1667742C1 | 1661872C1 | E | K31B | 18 | TN | 1667742C1 | 1661872C1 | E | K31E | 16 | TN | 1667742C1 | 1661872C1 | F | K17D | 18 | PK | 1667742C1 | 3568570C1 | F | K17E | 18 | PK | 1667742C1 | 3568570C1 | G | K93-G | 18 | TN | 1667742C1 | 1661872C1 | G | K31-9C | 18 | WH | 1667742C1 | 1661872C1 | G | K31-9E | 16 | TN | 1667742C1 | 1661872C1 | G | K13M | 18 | PK | 1667742C1 | 1661872C1 | H | K11-9 | 18 | WH | 1667742C1 | 1661872C1 | H | K71A | 16 | OR | 1667742C1 | 1661872C1 |
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| G | K13M | 18 | PK | 1667742C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | K11-9 | 18 | WH | 1667742C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | K71A | 16 | OR | 1667742C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>J1708 & 5 VOLT REF SPLICE (4820) (LOCATED NEAR WIPER MOTOR BRACKET)</p>  <p>CONNECTOR - 3543733C1 LOCK - 3543732C1 PLUG - 3535425C1 BUS BAR - 3543736C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th><th>NOTES</th></tr> </thead> <tbody> <tr><td></td><td>5 VOLT</td><td>REF</td><td>BUS</td><td>BAR</td><td></td><td></td></tr> <tr><td>A</td><td>J68A</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>J6E</td><td>18</td><td>LT GN</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</td><td>LINK</td><td>J1708</td><td>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>J64AC(+)</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>W/HYD ABS</td></tr> <tr><td>H</td><td>J3+142</td><td>18</td><td>DK BL</td><td>3535303C1</td><td>3535424C1</td><td></td></tr> <tr><td></td><td>DATA</td><td>LINK</td><td>J1708</td><td>NEGATIVE</td><td>BUS BAR</td><td></td></tr> <tr><td>J</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>L</td><td>J3D(-)</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td><td>BNDX AIR ABS</td></tr> <tr><td>L</td><td>J64AC(-)</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td><td>WABCO AIR ABS</td></tr> <tr><td>L</td><td>J3C(-)</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td><td>W/HYD ABS</td></tr> <tr><td>M</td><td>J9-151</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 | J68A | 18 | GY | 3535303C1 | 3535424C1 | | B | J6A | 18 | GY | 3535303C1 | 3535424C1 | | C | J6E | 18 | LT GN | 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 | J64AC(+) | 18 | DK BL | 3535303C1 | 3535424C1 | WABCO AIR ABS | G | J3C(+) | 18 | DK BL | 3535303C1 | 3535424C1 | W/HYD ABS | H | J3+142 | 18 | DK BL | 3535303C1 | 3535424C1 | | | DATA | LINK | J1708 | NEGATIVE | BUS BAR | | J | J3A(-) | 18 | GY | 3535303C1 | 3535424C1 | | K | J3B(-) | 18 | GY | 3535303C1 | 3535424C1 | | L | J3D(-) | 18 | GY | 3535303C1 | 3535424C1 | BNDX AIR ABS | L | J64AC(-) | 18 | GY | 3535303C1 | 3535424C1 | WABCO AIR ABS | L | J3C(-) | 18 | GY | 3535303C1 | 3535424C1 | W/HYD ABS | M | J9-151 | 18 | GY | 3535303C1 | 3535424C1 | | <p>DASH/TRANS (4713F) CONNECTOR - 3536635C1 LOCK - 3536636C1 PLUG - 2025431C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K13AA</td><td>16</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K11-9B</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>K11-9C</td><td>18</td><td>WH</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>D</td><td>K14AA</td><td>16</td><td>RD</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>K3AA</td><td>16</td><td>DKBL</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>F</td><td>K3AB</td><td>16</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>G</td><td>K71D</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>H</td><td>K71E</td><td>16</td><td>OR</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>J</td><td>K31D</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>K</td><td>K31-9D</td><td>18</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | K13AA | 16 | PK | 1661875C1 | 1661872C1 | B | K11-9B | 18 | WH | 1661875C1 | 1661872C1 | C | K11-9C | 18 | WH | 1661875C1 | 1661872C1 | D | K14AA | 16 | RD | 1661875C1 | 1661872C1 | E | K3AA | 16 | DKBL | 1661875C1 | 1661872C1 | F | K3AB | 16 | GY | 1661875C1 | 1661872C1 | G | K71D | 16 | OR | 1661875C1 | 1661872C1 | H | K71E | 16 | OR | 1661875C1 | 1661872C1 | J | K31D | 18 | TN | 1661875C1 | 1661872C1 | K | K31-9D | 18 | TN | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 VOLT | REF | BUS | BAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| B | J6A | 18 | GY | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | J6E | 18 | LT GN | 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 | J64AC(+) | 18 | DK BL | 3535303C1 | 3535424C1 | WABCO AIR ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | J3C(+) | 18 | DK BL | 3535303C1 | 3535424C1 | W/HYD ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | DATA | LINK | J1708 | NEGATIVE | BUS BAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| J | J3A(-) | 18 | GY | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K | J3B(-) | 18 | GY | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | J3D(-) | 18 | GY | 3535303C1 | 3535424C1 | BNDX AIR ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | J64AC(-) | 18 | GY | 3535303C1 | 3535424C1 | WABCO AIR ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | J3C(-) | 18 | GY | 3535303C1 | 3535424C1 | W/HYD ABS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M | J9-151 | 18 | GY | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>RELAY COIL IGNITION SPLICE (4840) (LOCATED INSIDE POWER DISTRIBUTION CENTER)</p>  <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>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>J94HE</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>E</td><td>J13AV</td><td>18</td><td>PK</td><td>1661208C1</td></tr> </tbody> </table> <p>CONNECTOR - 2006789C1 LOCK - 2006792C1 COVER - 2006790C1 BUS BAR - 2006791C1</p> <p>CONNECTOR - 3543733C1 LOCK - 3543732C1 PLUG - 3535425C1 BUS BAR - 3543736C1</p> | | | CAV | CIR | GAUGE | COLOR | TERM | A | J13X | 18 | PK | 1661208C1 | B | J94HE | 18 | GY | 1661208C1 | C | J13AS | 18 | PK | 1661208C1 | E | J13AV | 18 | PK | 1661208C1 | <p>ELECTRONIC REF GROUND SPLICE (4830) (LOCATED NEAR POWER DISTRIBUTION CENTER)</p>  <p>CONNECTOR - 3543730C1 LOCK - 3543732C1 PLUG - 3535425C1 BUS BAR - 3543736C1</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>J8C</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>B</td><td>J6A</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>C</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D</td><td>J8EA</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>E</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>G</td><td>J8J</td><td>20</td><td>GY</td><td>3535302C1</td><td>3535424C1</td></tr> <tr><td>H</td><td>J8K</td><td>20</td><td>GY</td><td>3535302C1</td><td>3535424C1</td></tr> <tr><td>J</td><td>J8Y</td><td>20</td><td>GY</td><td>3535302C1</td><td>3535424C1</td></tr> <tr><td>K</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>L</td><td>J8X</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> <tr><td>M</td><td>J87H</td><td>18</td><td>GY</td><td>3535303C1</td><td>3535424C1</td></tr> </tbody> </table> | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | J8C | 18 | GY | 3535303C1 | 3535424C1 | B | J6A | 18 | GY | 3535303C1 | 3535424C1 | C | PLUG | - | - | - | - | D | J8EA | 18 | GY | 3535303C1 | 3535424C1 | E | PLUG | - | - | - | - | F | PLUG | - | - | - | - | G | J8J | 20 | GY | 3535302C1 | 3535424C1 | H | J8K | 20 | GY | 3535302C1 | 3535424C1 | J | J8Y | 20 | GY | 3535302C1 | 3535424C1 | K | PLUG | - | - | - | - | L | J8X | 18 | GY | 3535303C1 | 3535424C1 | M | J87H | 18 | GY | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>COMBINATION TURN STOP (4850) (LOCATED NEAR POWER DISTRIBUTION CENTER)</p>  <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td></td><td>RIGHT</td><td>TURN</td><td>STOP</td><td>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</td><td>TURN</td><td>STOP</td><td>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>BUS</td><td>BAR</td><td></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> | | | 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 | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| F | J56B | 16 | OR | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| H | J56BB | 16 | OR | 3535303C1 | 3535424C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | UNUSED | BUS | BAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| J | PLUG | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K | PLUG | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | PLUG | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M | PLUG | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <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>CNA</td><td>11SEP03</td><td>ADDED 4712F</td><td>E</td><td>58774T</td><td>U00EDL2</td><td>42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS</td></tr> <tr> <td></td><td></td><td>AND 4713. MOVED 4900.</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 AE08-52376 35</td></tr> </tbody> </table> | | | CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | CNA | 11SEP03 | ADDED 4712F | E | 58774T | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | AND 4713. MOVED 4900. | | | P52778H | RELEASE NO. DATE PART NO. SHEET | | | | | | | 31MAY00 AE08-52376 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CNA | 11SEP03 | ADDED 4712F | E | 58774T | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | AND 4713. MOVED 4900. | | | P52778H | RELEASE NO. DATE PART NO. SHEET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 31MAY00 AE08-52376 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 170 Connector Composites (4810), (4712F), (4820), (4713F), (4830), (4840), (4850)

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

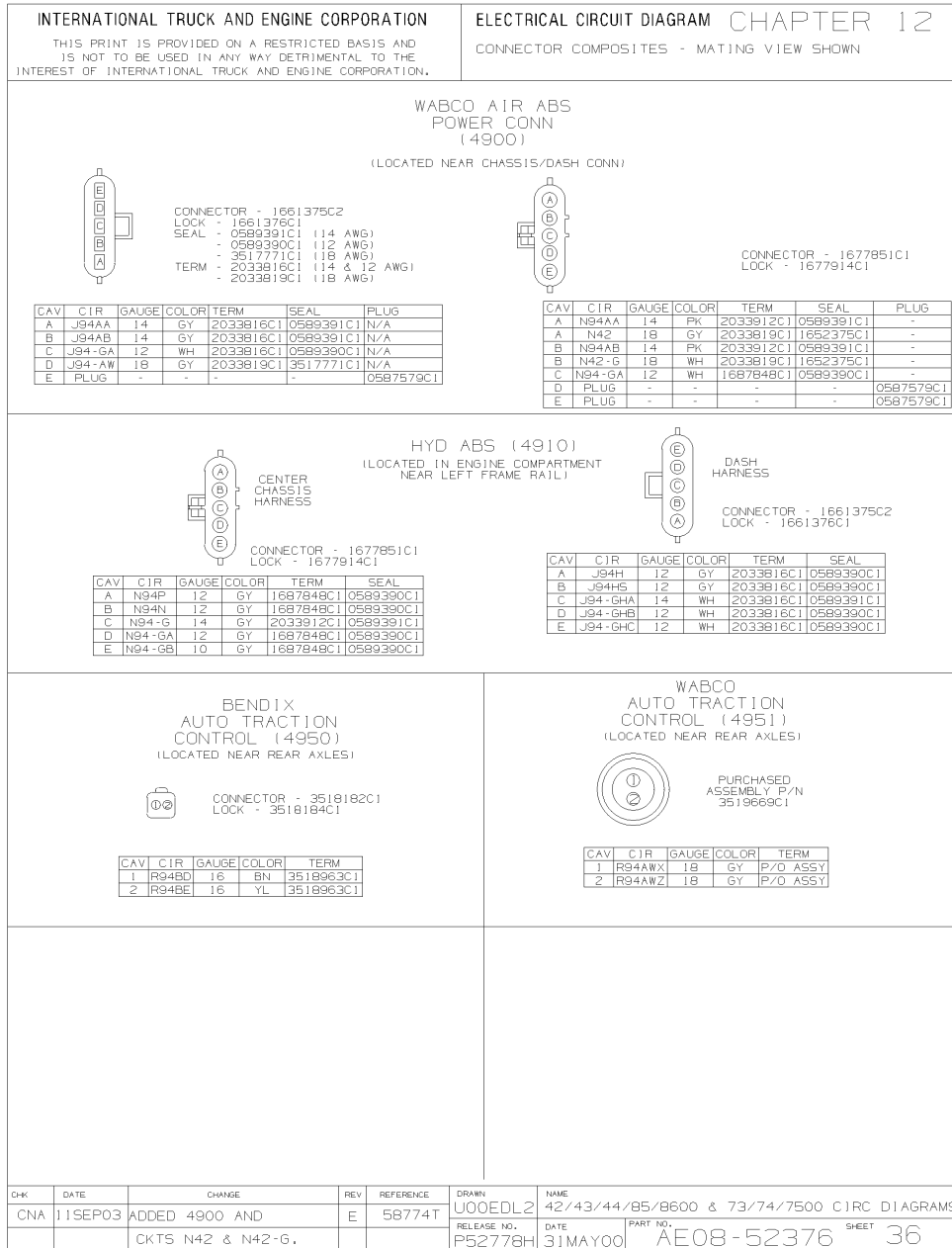


Figure 171 Connector Composites (4900), (4910), (4950), (4951)

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

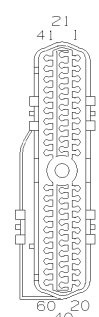
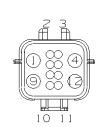
| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>CEC (6007) (LOCATED ON ENGINE ECM)</p>  <p>CONNECTOR - 3541979C1 LOCK - 2041418C1 PLUG - 2041421C2 COVER - 3541958C91</p> | | <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><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>K97V</td><td>14</td><td>VT</td><td>2041420C1</td><td>31</td><td>K46A</td><td>18</td><td>GY</td><td>2041419C1</td><td></td></tr> <tr><td>2</td><td>K97F</td><td>14</td><td>VT</td><td>2041420C1</td><td>32</td><td>K46B</td><td>18</td><td>GY</td><td>2041419C1</td><td></td></tr> <tr><td>3</td><td>K97C</td><td>18</td><td>VT</td><td>2041419C1</td><td>33</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>4</td><td>K97HE</td><td>18</td><td>VT</td><td>2041419C1</td><td>34</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>5</td><td>K97DD</td><td>19</td><td>VT</td><td>2041419C1</td><td>35</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>6</td><td>K97HM</td><td>18</td><td>VT</td><td>2041419C1</td><td>36</td><td>K97CC</td><td>18</td><td>VT</td><td>2041419C1</td><td></td></tr> <tr><td>7</td><td>K97WA</td><td>18</td><td>VT</td><td>2041419C1</td><td>37</td><td>K97CB</td><td>18</td><td>VT</td><td>2041419C1</td><td></td></tr> <tr><td>8</td><td>K99T</td><td>18</td><td>VT</td><td>2041419C1</td><td>38</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>9</td><td>K97XC</td><td>18</td><td>VT</td><td>2041419C1</td><td>39</td><td>K47</td><td>18</td><td>GY</td><td>2041419C1</td><td></td></tr> <tr><td>10</td><td>K34A</td><td>18</td><td>TN</td><td>2041419C1</td><td>40</td><td>K47A</td><td>18</td><td>GY</td><td>2041419C1</td><td></td></tr> <tr><td>11</td><td>K97D</td><td>18</td><td>VT</td><td>2041419C1</td><td>41</td><td>K97L</td><td>14</td><td>PL</td><td>2041420C1</td><td></td></tr> <tr><td>12</td><td>K97E</td><td>16</td><td>VT</td><td>2041420C1</td><td>42</td><td>K97Y</td><td>14</td><td>VT</td><td>2041420C1</td><td></td></tr> <tr><td>13</td><td>K97EA</td><td>18</td><td>VT</td><td>2041419C1</td><td>43</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>14</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>44</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>15</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>45</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>16</td><td>K3A(+)</td><td>18</td><td>DK BL</td><td>2041419C1</td><td>46</td><td>K17M</td><td>18</td><td>WH</td><td>2041419C1</td><td></td></tr> <tr><td>17</td><td>K3B(-)</td><td>18</td><td>GY</td><td>2041419C1</td><td>46</td><td>K17L</td><td>18</td><td>PK</td><td>2041419C1</td><td></td></tr> <tr><td>18</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>47</td><td>K24A</td><td>18</td><td>GY</td><td>2041419C1</td><td></td></tr> <tr><td>19</td><td>K5B(+)</td><td>18</td><td>YL</td><td>2041419C1</td><td>48</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>N/OVERCRANK PROT W/OVERCRANK PROT</td></tr> <tr><td>20</td><td>K5B(-)</td><td>18</td><td>GN</td><td>2041419C1</td><td>49</td><td>K97HG</td><td>18</td><td>VT</td><td>2041419C1</td><td></td></tr> <tr><td>21</td><td>K97F</td><td>14</td><td>PL</td><td>2041420C1</td><td>50</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>22</td><td>K97Z</td><td>14</td><td>PL</td><td>2041420C1</td><td>51</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>23</td><td>K97N</td><td>14</td><td>VT</td><td>2041420C1</td><td>52</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>24</td><td>K97M</td><td>16</td><td>VT</td><td>2041420C1</td><td>53</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>25</td><td>K97J</td><td>18</td><td>VT</td><td>2041420C1</td><td>54</td><td>K97WL</td><td>18</td><td>VT</td><td>2041419C1</td><td></td></tr> <tr><td>26</td><td>K17B</td><td>18</td><td>VT</td><td>2041419C1</td><td>55</td><td>K97EW</td><td>18</td><td>VT</td><td>2041419C1</td><td></td></tr> <tr><td>27</td><td>K99S</td><td>18</td><td>VT</td><td>2041419C1</td><td>56</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>28</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>57</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> <tr><td>29</td><td>K97K</td><td>18</td><td>VT</td><td>2041419C1</td><td>58</td><td>K47B</td><td>18</td><td>GY</td><td>2041419C1</td><td></td></tr> <tr><td>30</td><td>K99F</td><td>18</td><td>VT</td><td>2041419C1</td><td>59</td><td>K97AR</td><td>18</td><td>VT</td><td>2041419C1</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>60</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td></td></tr> </tbody> </table> | | | | | | CAV | CIR | GAUGE | COLOR | TERM | CAV | CIR | GAUGE | COLOR | TERM | NOTES | 1 | K97V | 14 | VT | 2041420C1 | 31 | K46A | 18 | GY | 2041419C1 | | 2 | K97F | 14 | VT | 2041420C1 | 32 | K46B | 18 | GY | 2041419C1 | | 3 | K97C | 18 | VT | 2041419C1 | 33 | PLUG | - | - | - | | 4 | K97HE | 18 | VT | 2041419C1 | 34 | PLUG | - | - | - | | 5 | K97DD | 19 | VT | 2041419C1 | 35 | PLUG | - | - | - | | 6 | K97HM | 18 | VT | 2041419C1 | 36 | K97CC | 18 | VT | 2041419C1 | | 7 | K97WA | 18 | VT | 2041419C1 | 37 | K97CB | 18 | VT | 2041419C1 | | 8 | K99T | 18 | VT | 2041419C1 | 38 | PLUG | - | - | - | | 9 | K97XC | 18 | VT | 2041419C1 | 39 | K47 | 18 | GY | 2041419C1 | | 10 | K34A | 18 | TN | 2041419C1 | 40 | K47A | 18 | GY | 2041419C1 | | 11 | K97D | 18 | VT | 2041419C1 | 41 | K97L | 14 | PL | 2041420C1 | | 12 | K97E | 16 | VT | 2041420C1 | 42 | K97Y | 14 | VT | 2041420C1 | | 13 | K97EA | 18 | VT | 2041419C1 | 43 | PLUG | - | - | - | | 14 | PLUG | - | - | - | 44 | PLUG | - | - | - | | 15 | PLUG | - | - | - | 45 | PLUG | - | - | - | | 16 | K3A(+) | 18 | DK BL | 2041419C1 | 46 | K17M | 18 | WH | 2041419C1 | | 17 | K3B(-) | 18 | GY | 2041419C1 | 46 | K17L | 18 | PK | 2041419C1 | | 18 | PLUG | - | - | - | 47 | K24A | 18 | GY | 2041419C1 | | 19 | K5B(+) | 18 | YL | 2041419C1 | 48 | PLUG | - | - | - | N/OVERCRANK PROT W/OVERCRANK PROT | 20 | K5B(-) | 18 | GN | 2041419C1 | 49 | K97HG | 18 | VT | 2041419C1 | | 21 | K97F | 14 | PL | 2041420C1 | 50 | PLUG | - | - | - | | 22 | K97Z | 14 | PL | 2041420C1 | 51 | PLUG | - | - | - | | 23 | K97N | 14 | VT | 2041420C1 | 52 | PLUG | - | - | - | | 24 | K97M | 16 | VT | 2041420C1 | 53 | PLUG | - | - | - | | 25 | K97J | 18 | VT | 2041420C1 | 54 | K97WL | 18 | VT | 2041419C1 | | 26 | K17B | 18 | VT | 2041419C1 | 55 | K97EW | 18 | VT | 2041419C1 | | 27 | K99S | 18 | VT | 2041419C1 | 56 | PLUG | - | - | - | | 28 | PLUG | - | - | - | 57 | PLUG | - | - | - | | 29 | K97K | 18 | VT | 2041419C1 | 58 | K47B | 18 | GY | 2041419C1 | | 30 | K99F | 18 | VT | 2041419C1 | 59 | K97AR | 18 | VT | 2041419C1 | | | | | | | 60 | PLUG | - | - | - | |
| CAV | CIR | GAUGE | COLOR | TERM | CAV | CIR | GAUGE | COLOR | TERM | NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | K97V | 14 | VT | 2041420C1 | 31 | K46A | 18 | GY | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | K97F | 14 | VT | 2041420C1 | 32 | K46B | 18 | GY | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | K97C | 18 | VT | 2041419C1 | 33 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | K97HE | 18 | VT | 2041419C1 | 34 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | K97DD | 19 | VT | 2041419C1 | 35 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | K97HM | 18 | VT | 2041419C1 | 36 | K97CC | 18 | VT | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | K97WA | 18 | VT | 2041419C1 | 37 | K97CB | 18 | VT | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | K99T | 18 | VT | 2041419C1 | 38 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | K97XC | 18 | VT | 2041419C1 | 39 | K47 | 18 | GY | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | K34A | 18 | TN | 2041419C1 | 40 | K47A | 18 | GY | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | K97D | 18 | VT | 2041419C1 | 41 | K97L | 14 | PL | 2041420C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | K97E | 16 | VT | 2041420C1 | 42 | K97Y | 14 | VT | 2041420C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | K97EA | 18 | VT | 2041419C1 | 43 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | PLUG | - | - | - | 44 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | PLUG | - | - | - | 45 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | K3A(+) | 18 | DK BL | 2041419C1 | 46 | K17M | 18 | WH | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | K3B(-) | 18 | GY | 2041419C1 | 46 | K17L | 18 | PK | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | PLUG | - | - | - | 47 | K24A | 18 | GY | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | K5B(+) | 18 | YL | 2041419C1 | 48 | PLUG | - | - | - | N/OVERCRANK PROT W/OVERCRANK PROT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | K5B(-) | 18 | GN | 2041419C1 | 49 | K97HG | 18 | VT | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | K97F | 14 | PL | 2041420C1 | 50 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | K97Z | 14 | PL | 2041420C1 | 51 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | K97N | 14 | VT | 2041420C1 | 52 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | K97M | 16 | VT | 2041420C1 | 53 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | K97J | 18 | VT | 2041420C1 | 54 | K97WL | 18 | VT | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | K17B | 18 | VT | 2041419C1 | 55 | K97EW | 18 | VT | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | K99S | 18 | VT | 2041419C1 | 56 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | PLUG | - | - | - | 57 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | K97K | 18 | VT | 2041419C1 | 58 | K47B | 18 | GY | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | K99F | 18 | VT | 2041419C1 | 59 | K97AR | 18 | VT | 2041419C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 60 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>THIS SPACE LEFT INTENTIONALLY BLANK</p> | | <p>ENGINE IDM2 (6011) (LOCATED NEAR ENGINE IDM)</p>  <p>CONNECTOR - 3549412C1</p> | | | | <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th> </tr> </thead> <tbody> <tr><td>1</td><td>K97-GA</td><td>12</td><td>WH</td><td>3549415C1</td></tr> <tr><td>2</td><td>K3C1(+)</td><td>18</td><td>DK BL</td><td>3549418C1</td></tr> <tr><td>3</td><td>K3C1(-)</td><td>18</td><td>GY</td><td>3549418C1</td></tr> <tr><td>4</td><td>K97-GB</td><td>12</td><td>WH</td><td>3549415C1</td></tr> <tr><td>5</td><td>K97S</td><td>16</td><td>VT</td><td>3549417C1</td></tr> <tr><td>6</td><td>K97LC</td><td>16</td><td>VT</td><td>3549417C1</td></tr> <tr><td>7</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>K97LA</td><td>16</td><td>VT</td><td>3549417C1</td></tr> <tr><td>9</td><td>K97M</td><td>16</td><td>VT</td><td>3549416C1</td></tr> <tr><td>10</td><td>K97AZ</td><td>16</td><td>VT</td><td>3549418C1</td></tr> <tr><td>11</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>12</td><td>K97Y</td><td>12</td><td>VT</td><td>3549415C1</td></tr> </tbody> </table> | | CAV | CIR | GAUGE | COLOR | TERM | 1 | K97-GA | 12 | WH | 3549415C1 | 2 | K3C1(+) | 18 | DK BL | 3549418C1 | 3 | K3C1(-) | 18 | GY | 3549418C1 | 4 | K97-GB | 12 | WH | 3549415C1 | 5 | K97S | 16 | VT | 3549417C1 | 6 | K97LC | 16 | VT | 3549417C1 | 7 | PLUG | - | - | - | 8 | K97LA | 16 | VT | 3549417C1 | 9 | K97M | 16 | VT | 3549416C1 | 10 | K97AZ | 16 | VT | 3549418C1 | 11 | PLUG | - | - | - | 12 | K97Y | 12 | VT | 3549415C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 5 | K97S | 16 | VT | 3549417C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | K97LC | 16 | VT | 3549417C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 8 | K97LA | 16 | VT | 3549417C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 11 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | K97Y | 12 | VT | 3549415C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>THIS SPACE LEFT INTENTIONALLY BLANK</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CNA | 11SEP03 | MULTIPLE CHANGES. | E | 58774T | UQOEDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | RELEASE NO. | DATE | PART NO. | SHEET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | P52778H | 31MAY00 | AE08-52376 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 172 Connector Composites (6007), (6011)

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

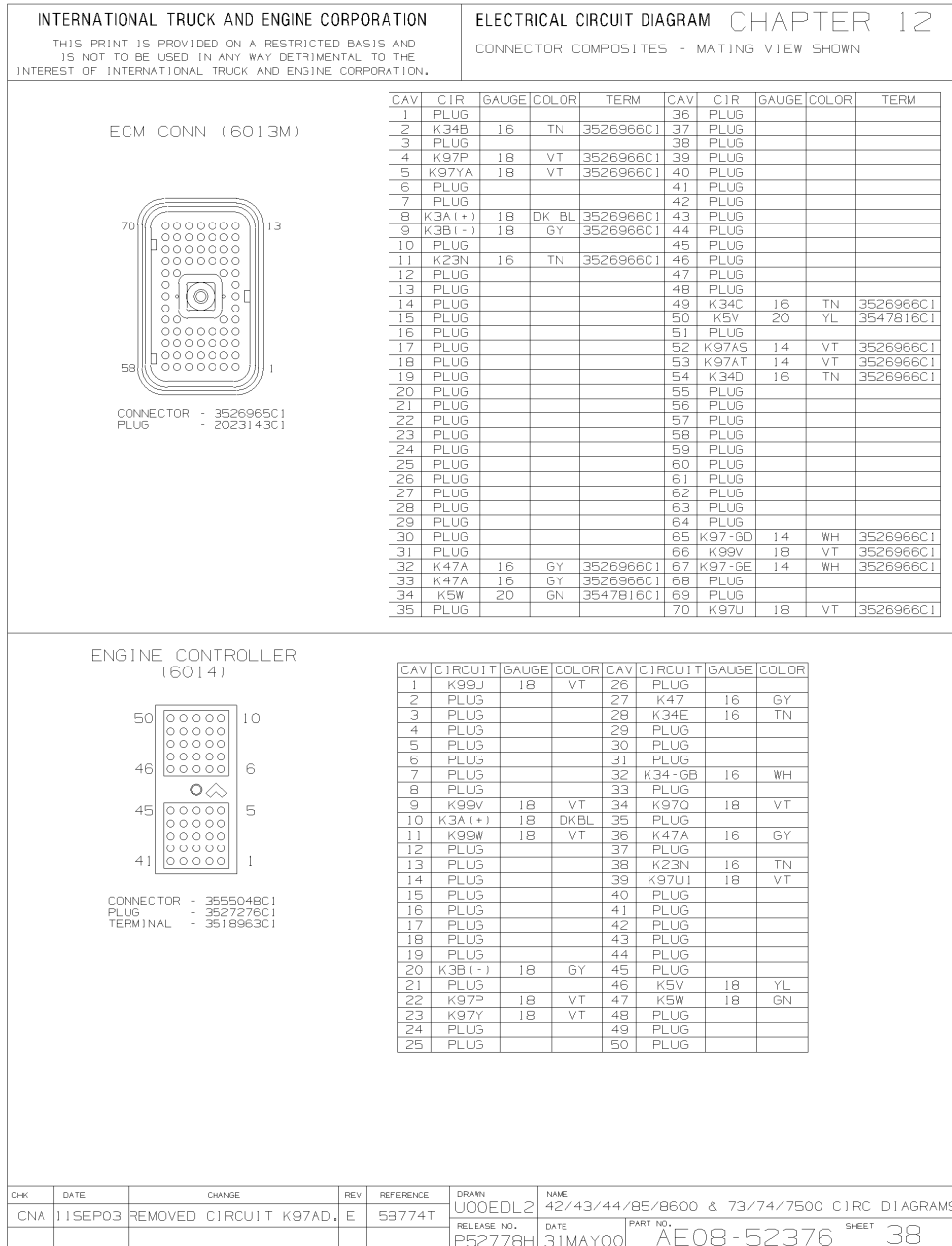


Figure 173 Connector Composites (6013M), (6014)

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

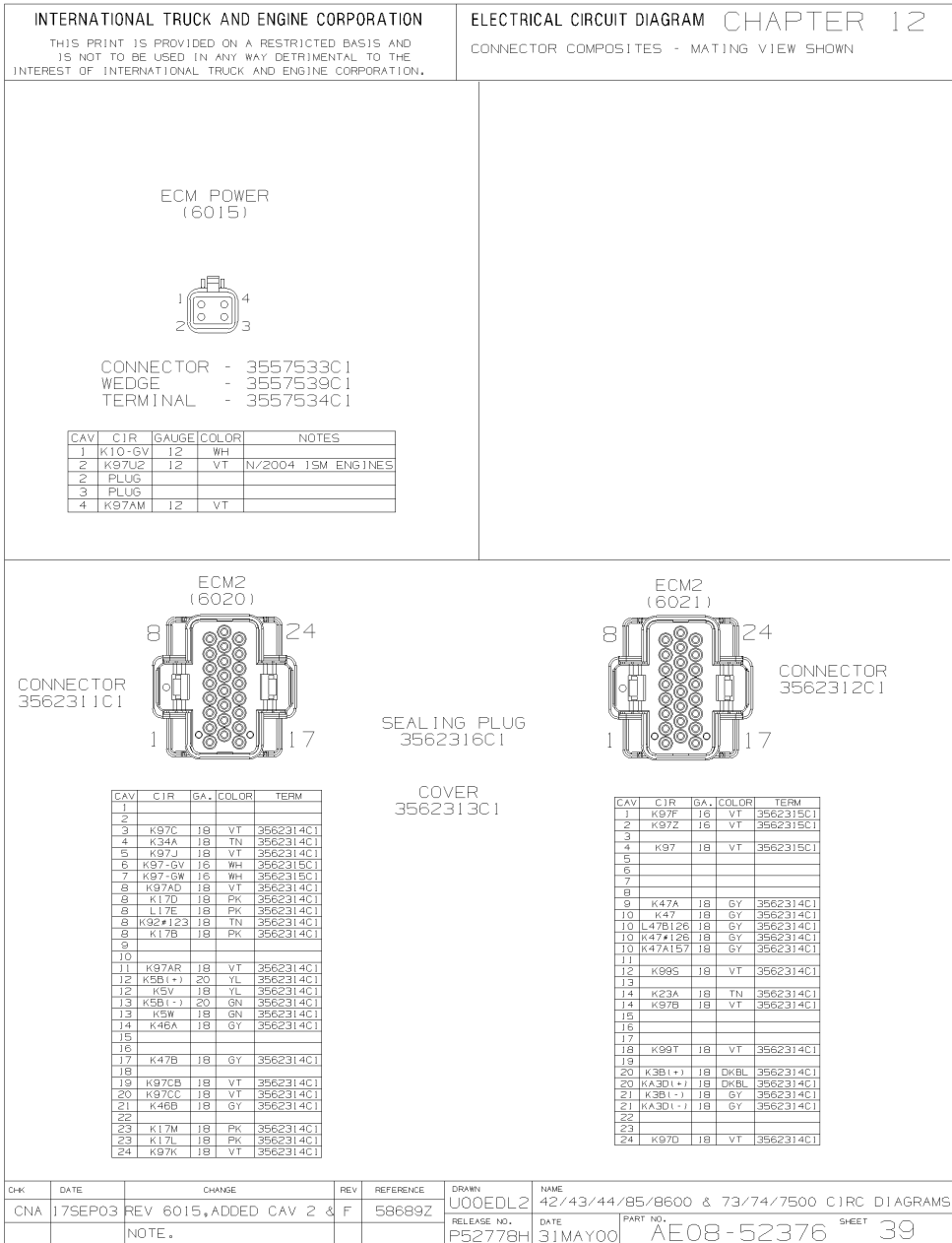


Figure 174 Connector Composites (6015), (6020), (6021)

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




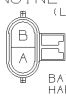










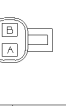
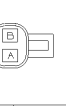
| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------|--------------------------|-------|--|-------------|--|-------|------|------|-------|-------|-------|----|-----------|-----------|---|----------|----|--------|-----------|-----------|--|-----------|----------|------|-----------|-----------|-------|-----------|-----------|-----------|--|-----------|--|-----------|-----------|-----------|----------|--|-----------|-------|-----------|-----------|-----------|-------|-----------|-----------|------|--------|-----------|-----------|-----------|--|--|---|------|-----|-----|-----------|-------|------|------|----|-------|-----------|------|-----------|-----------|----|-------|-----------|------|-----------|-----------|
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREON COMPRESSOR (6200) (LOCATED ON FREON COMPRESSOR)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> <th>NOTE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K77-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> <td></td> </tr> <tr> <td>B</td> <td>K77A</td> <td>16</td> <td>LT</td> <td>2033819C1</td> <td>1652325C1</td> <td></td> </tr> <tr> <td>A</td> <td>K77-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> <td>W/SS</td> </tr> <tr> <td>B</td> <td>K77B</td> <td>16</td> <td>LT</td> <td>2033819C1</td> <td>1652325C1</td> <td>W/SS</td> </tr> </tbody> </table> CONNECTOR - 1671610C1 LOCK - 1671608C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | SEAL | NOTE | A | K77-G | 16 | WH | 2033819C1 | 1652325C1 | | B | K77A | 16 | LT | 2033819C1 | 1652325C1 | | A | K77-G | 16 | WH | 2033819C1 | 1652325C1 | W/SS | B | K77B | 16 | LT | 2033819C1 | 1652325C1 | W/SS | START MOTOR THERMAL OVERCRANK (6316) (LOCATED ON START MOTOR)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>NOTE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K17L</td> <td>18</td> <td>PK</td> <td>2036586C1</td> <td></td> </tr> <tr> <td>B</td> <td>K17K</td> <td>18</td> <td>PK</td> <td>2036586C1</td> <td></td> </tr> <tr> <td>A</td> <td>K17J</td> <td>16</td> <td>PK</td> <td>2036586C1</td> <td>W/SS</td> </tr> <tr> <td>B</td> <td>K17S</td> <td>16</td> <td>PK</td> <td>2036586C1</td> <td>W/SS</td> </tr> </tbody> </table> CONNECTOR - 2036583C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | NOTE | A | K17L | 18 | PK | 2036586C1 | | B | K17K | 18 | PK | 2036586C1 | | A | K17J | 16 | PK | 2036586C1 | W/SS | B | K17S | 16 | PK | 2036586C1 | W/SS | | |
| CAV | C/R | GAUGE | COLOR | TERM | SEAL | NOTE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K77-G | 16 | WH | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K77A | 16 | LT | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K77-G | 16 | WH | 2033819C1 | 1652325C1 | W/SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K77B | 16 | LT | 2033819C1 | 1652325C1 | W/SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | NOTE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K17L | 18 | PK | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K17K | 18 | PK | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K17J | 16 | PK | 2036586C1 | W/SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K17S | 16 | PK | 2036586C1 | W/SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENGINE HARNESS  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> <th>NOTES</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K97AA</td> <td>10</td> <td>VT</td> <td>2025423C1</td> <td>2025426C1</td> <td>W/16 ENG</td> </tr> <tr> <td>B</td> <td>K97-GA</td> <td>10</td> <td>VT</td> <td>2025423C1</td> <td>2025426C1</td> <td>W/16 ENG</td> </tr> <tr> <td>A</td> <td>K97X</td> <td>10</td> <td>VT</td> <td>2025423C1</td> <td>2025426C1</td> <td>W/VB ENG</td> </tr> <tr> <td>B</td> <td>K97-G</td> <td>10</td> <td>WH</td> <td>2025423C1</td> <td>2025426C1</td> <td>W/VB ENG</td> </tr> <tr> <td>A</td> <td>K97AM</td> <td>10</td> <td>VT</td> <td>2025423C1</td> <td>2025426C1</td> <td>W/SS</td> </tr> <tr> <td>B</td> <td>K97-GA</td> <td>10</td> <td>WH</td> <td>2025423C1</td> <td>2025426C1</td> <td>W/SS</td> </tr> </tbody> </table> CONNECTOR - 2031520C1 LOCK - 2033927C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | SEAL | NOTES | A | K97AA | 10 | VT | 2025423C1 | 2025426C1 | W/16 ENG | B | K97-GA | 10 | VT | 2025423C1 | 2025426C1 | W/16 ENG | A | K97X | 10 | VT | 2025423C1 | 2025426C1 | W/VB ENG | B | K97-G | 10 | WH | 2025423C1 | 2025426C1 | W/VB ENG | A | K97AM | 10 | VT | 2025423C1 | 2025426C1 | W/SS | B | K97-GA | 10 | WH | 2025423C1 | 2025426C1 | W/SS | ENGINE MODULE POWER & GROUND (6323) (LOCATED NEAR START MOTOR)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N97AA</td> <td>10</td> <td>RD</td> <td>2031531C1</td> <td>2025426C1</td> </tr> <tr> <td>B</td> <td>N97-G</td> <td>10</td> <td>WH</td> <td>2031531C1</td> <td>2025426C1</td> </tr> </tbody> </table> BATTERY HARNESS CONNECTOR - 2031522C1 LOCK - 2033927C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | SEAL | A | N97AA | 10 | RD | 2031531C1 | 2025426C1 | B | N97-G | 10 | WH | 2031531C1 | 2025426C1 |
| CAV | C/R | GAUGE | COLOR | TERM | SEAL | NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K97AA | 10 | VT | 2025423C1 | 2025426C1 | W/16 ENG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K97-GA | 10 | VT | 2025423C1 | 2025426C1 | W/16 ENG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K97X | 10 | VT | 2025423C1 | 2025426C1 | W/VB ENG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K97-G | 10 | WH | 2025423C1 | 2025426C1 | W/VB ENG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K97AM | 10 | VT | 2025423C1 | 2025426C1 | W/SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K97-GA | 10 | WH | 2025423C1 | 2025426C1 | W/SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | N97AA | 10 | RD | 2031531C1 | 2025426C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | N97-G | 10 | WH | 2031531C1 | 2025426C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMMETER (6332) (LOCATED NEAR START MOTOR)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K26B</td> <td>18</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> ENGINE HARNESS CONNECTOR - 1669834C1 LOCK - 1675053C1 BATTERY HARNESS CONNECTOR - 1664531C1 LOCK - 1675053C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | SEAL | A | K26B | 18 | TN | 2033819C1 | 1652325C1 | AMMETER (6333) (LOCATED NEAR START MOTOR)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K26A</td> <td>18</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> ENGINE HARNESS CONNECTOR - 1664531C1 LOCK - 1675053C1 ENGINE BLOCK GROUND HARNESS CONNECTOR - 1669834C1 LOCK - 1675053C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | SEAL | A | K26A | 18 | TN | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K26B | 18 | TN | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K26A | 18 | TN | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-WAY RADIO CONNECTION (6334) (LOCATED NEAR STARTER MOTOR)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N14HC</td> <td>10</td> <td>RD</td> <td>1687848C1</td> <td>589390C1</td> </tr> <tr> <td>B</td> <td>N14-GD</td> <td>10</td> <td>WH</td> <td>1687848C1</td> <td>589390C1</td> </tr> </tbody> </table> BATT HARN LOCK - 1671608C1 PLUG - 587579C1 CONN: 1671611C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | SEAL | A | N14HC | 10 | RD | 1687848C1 | 589390C1 | B | N14-GD | 10 | WH | 1687848C1 | 589390C1 | LOW COOLANT SENSOR (6400) (LOCATED ON SURGE TANK)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K34A</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K34-G</td> <td>18</td> <td>WH</td> <td>2036586C1</td> </tr> </tbody> </table> CONNECTOR - 2036583C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | A | K34A | 18 | TN | 2036586C1 | B | K34-G | 18 | WH | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | N14HC | 10 | RD | 1687848C1 | 589390C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | N14-GD | 10 | WH | 1687848C1 | 589390C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K34A | 18 | TN | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K34-G | 18 | WH | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DASH HARN  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>J14HC</td> <td>10</td> <td>RD</td> <td>1687847C1</td> <td>589390C1</td> </tr> <tr> <td>B</td> <td>J14-GD</td> <td>10</td> <td>WH</td> <td>1687847C1</td> <td>589390C1</td> </tr> </tbody> </table> CONN: 1671610C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | SEAL | A | J14HC | 10 | RD | 1687847C1 | 589390C1 | B | J14-GD | 10 | WH | 1687847C1 | 589390C1 | LOW COOLANT SENSOR (6401M)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K34A</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K34-G</td> <td>18</td> <td>WH</td> <td>2036586C1</td> </tr> </tbody> </table> CONNECTOR - 2036583C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | A | K34A | 18 | TN | 2036586C1 | B | K34-G | 18 | WH | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | J14HC | 10 | RD | 1687847C1 | 589390C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | J14-GD | 10 | WH | 1687847C1 | 589390C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K34A | 18 | TN | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K34-G | 18 | WH | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MELROSE ENG HARN (6401) (LOCATED NEAR ENGINE FAN DRIVE)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> <th>NOTES</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K97B</td> <td>18</td> <td>VT</td> <td>2033819C1</td> <td>1652325C1</td> <td>NO FAN</td> </tr> <tr> <td>A</td> <td>K23A</td> <td>18</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> <td>W/ FAN</td> </tr> <tr> <td>B</td> <td>PLUG</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> CONNECTOR - 1671611C1 LOCK - 1671608C1 PLUG - 587579C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | SEAL | NOTES | A | K97B | 18 | VT | 2033819C1 | 1652325C1 | NO FAN | A | K23A | 18 | TN | 2033819C1 | 1652325C1 | W/ FAN | B | PLUG | - | - | - | - | - | ELECTRIC CLUTCH FAN DRIVE (6406) (LOCATED ON ENGINE FAN DRIVE)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K23</td> <td>18</td> <td>TN</td> <td>0587576C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K23-G</td> <td>18</td> <td>WH</td> <td>0587576C1</td> <td>1652325C1</td> </tr> </tbody> </table> CONNECTOR - 587568C9 | | | | CAV | C/R | GAUGE | COLOR | TERM | SEAL | A | K23 | 18 | TN | 0587576C1 | 1652325C1 | B | K23-G | 18 | WH | 0587576C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | SEAL | NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K97B | 18 | VT | 2033819C1 | 1652325C1 | NO FAN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K23A | 18 | TN | 2033819C1 | 1652325C1 | W/ FAN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | PLUG | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K23 | 18 | TN | 0587576C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K23-G | 18 | WH | 0587576C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOW COOLANT SENSOR (6407)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K34D</td> <td>18</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>B</td> <td>K34-GA</td> <td>18</td> <td>WH</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>C</td> <td>K34B</td> <td>16</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> <tr> <td>D</td> <td>K34C</td> <td>16</td> <td>TN</td> <td>1661875C1</td> <td>1661872C1</td> </tr> </tbody> </table> CONNECTOR - 1673746C1 BODY LOCK - 1661873C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | SEAL | A | K34D | 18 | TN | 1661875C1 | 1661872C1 | B | K34-GA | 18 | WH | 1661875C1 | 1661872C1 | C | K34B | 16 | TN | 1661875C1 | 1661872C1 | D | K34C | 16 | TN | 1661875C1 | 1661872C1 | LOW COOLANT SENSOR (6407D)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>K34E</td> <td>16</td> <td>TN</td> <td></td> </tr> <tr> <td>2</td> <td>K34-GB</td> <td>16</td> <td>WH</td> <td></td> </tr> </tbody> </table> CONNECTOR - 1671610C1 SEAL - 1652325C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | 1 | K34E | 16 | TN | | 2 | K34-GB | 16 | WH | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K34D | 18 | TN | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K34-GA | 18 | WH | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | K34B | 16 | TN | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | K34C | 16 | TN | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | K34E | 16 | TN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | K34-GB | 16 | WH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FAN AIR SOLENOID (6409)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K23B</td> <td>16</td> <td>TN</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K23-G</td> <td>16</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> CONNECTOR - 1671610C1 LOCK - 1671608C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | SEAL | A | K23B | 16 | TN | 2033819C1 | 1652325C1 | B | K23-G | 16 | WH | 2033819C1 | 1652325C1 | EXHAUST BRAKE (6500) (LOCATED ON EXHAUST BRAKE SOLENOID)  <table border="1"> <thead> <tr> <th>CAV</th> <th>C/R</th> <th>GAUGE</th> <th>COLOR</th> <th>TERM</th> <th>SEAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>K24B</td> <td>18</td> <td>GY</td> <td>2033819C1</td> <td>1652325C1</td> </tr> <tr> <td>B</td> <td>K24-G</td> <td>18</td> <td>WH</td> <td>2033819C1</td> <td>1652325C1</td> </tr> </tbody> </table> CONNECTOR - 1671610C1 LOCK - 1671608C1 | | | | CAV | C/R | GAUGE | COLOR | TERM | SEAL | A | K24B | 18 | GY | 2033819C1 | 1652325C1 | B | K24-G | 18 | WH | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K23B | 16 | TN | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K23-G | 16 | WH | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | C/R | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K24B | 18 | GY | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K24-G | 18 | WH | 2033819C1 | 1652325C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CNA | 11SEP03 | ADDED CKT K23A AND 6401. | E | 58774T | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 C/R DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | RELEASE NO. | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | PART NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | SHEET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Figure 175 Connector Composites (6200), (6316), (6323), (6332), (6333), (6334), (6400), (6401M), (6401), (6406), (6407), (6407D), (6409), (6500)

12.41. CONNECTOR COMPOSITES (6550), (6703), (6704), (6708), (7103), (7104), (7104A), (7105), (7106), (7111), P. 41

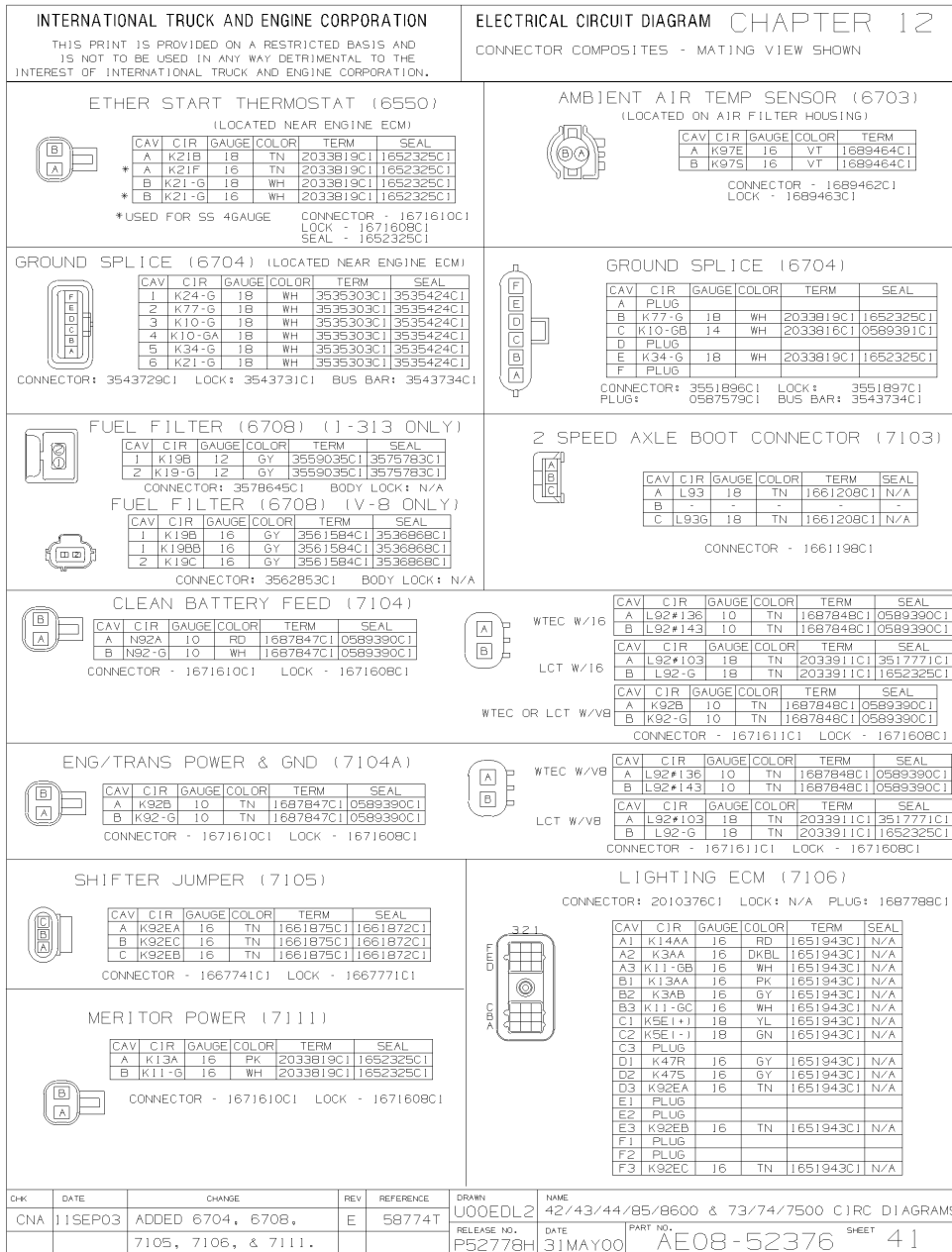


Figure 176 Connector Composites (6550), (6703), (6704), (6708), (7103), (7104), (7104A), (7105), (7106), (7111)

12.43. CONNECTOR COMPOSITES (7204), (7205), (7206), (7211), (7212), (7213), P. 43

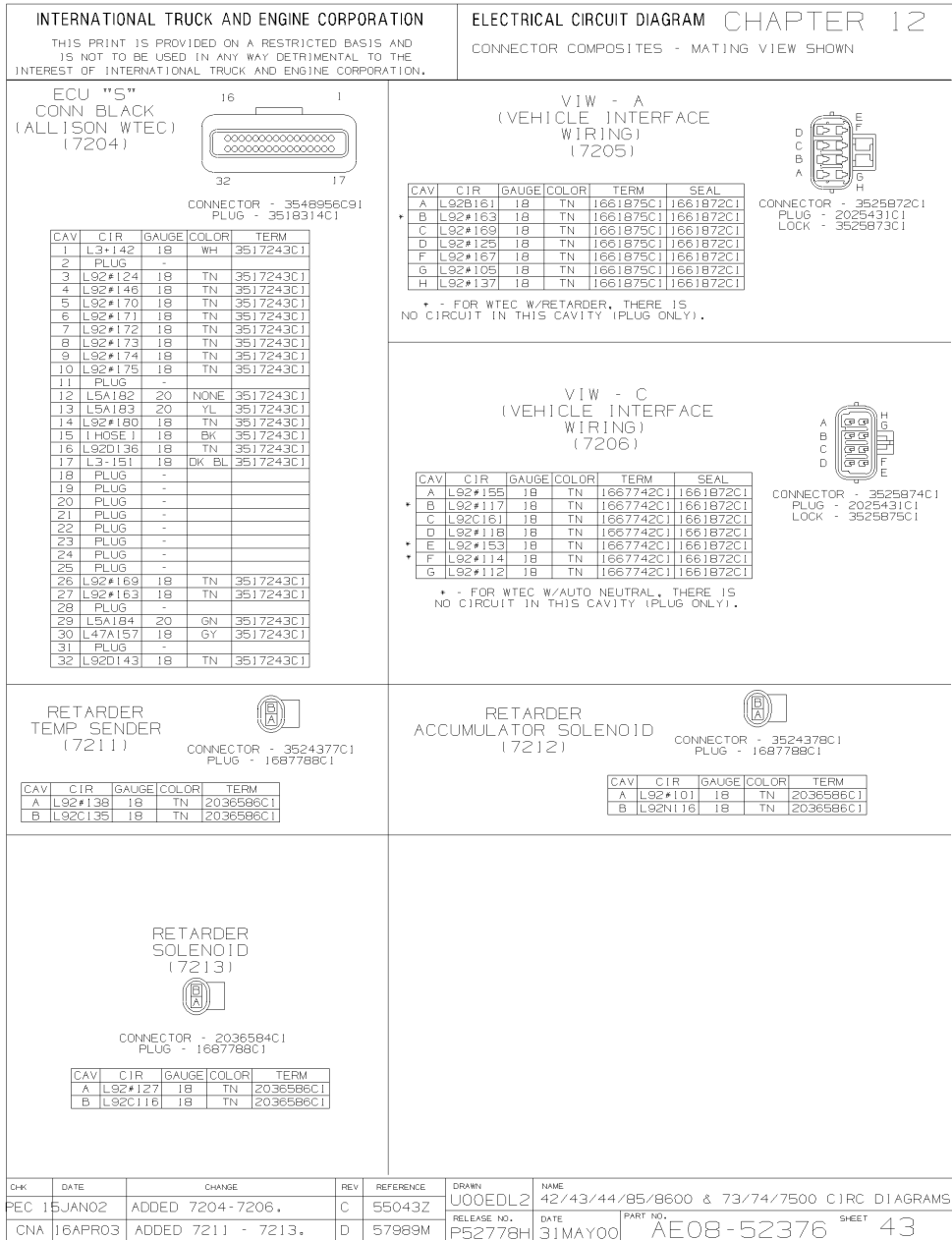


Figure 178 Connector Composites (7204), (7205), (7206), (7211), (7212), (7213)

12.44. CONNECTOR COMPOSITES (7214), (7300), (7301), P. 44

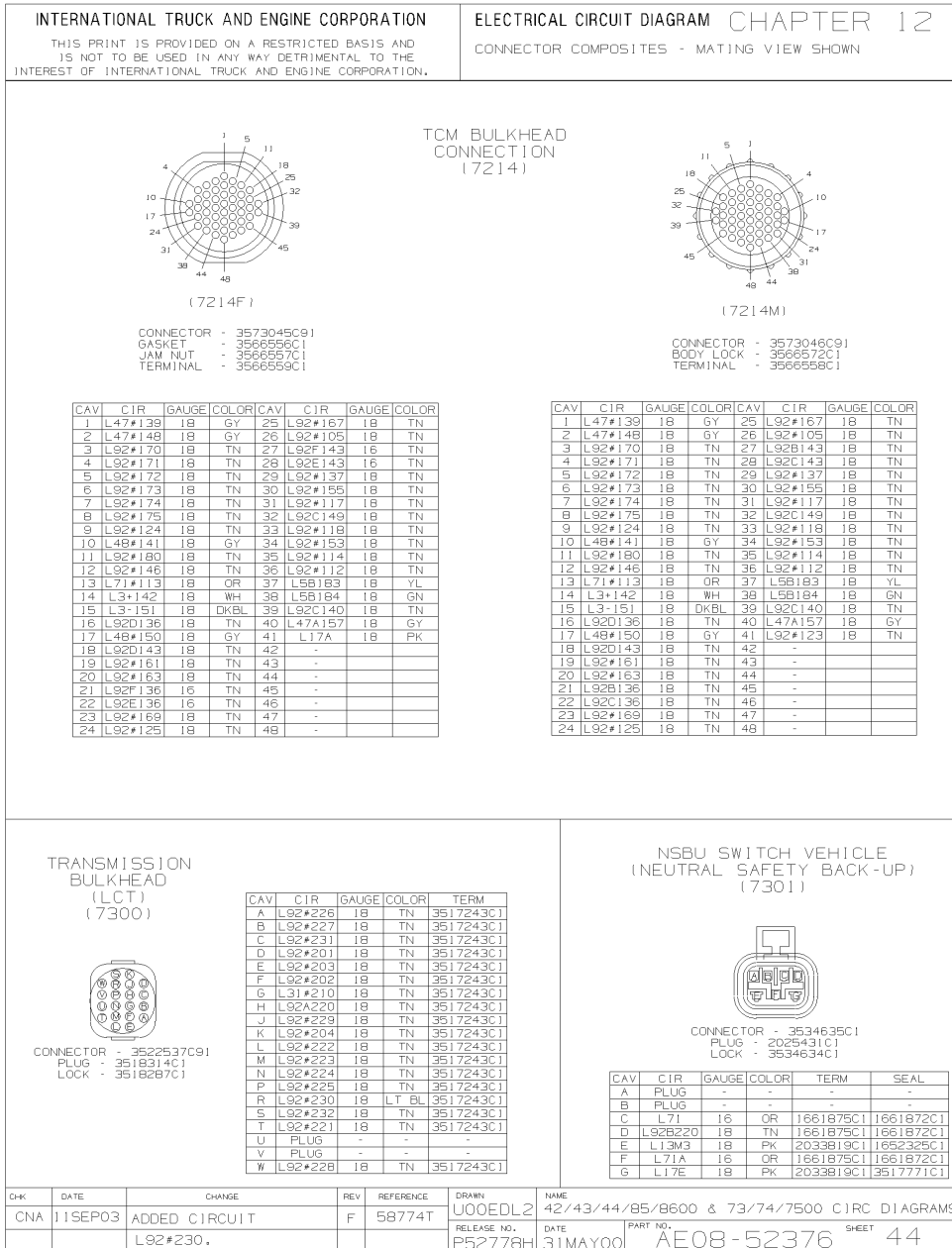


Figure 179 Connector Composites (7214), (7300), (7301)

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

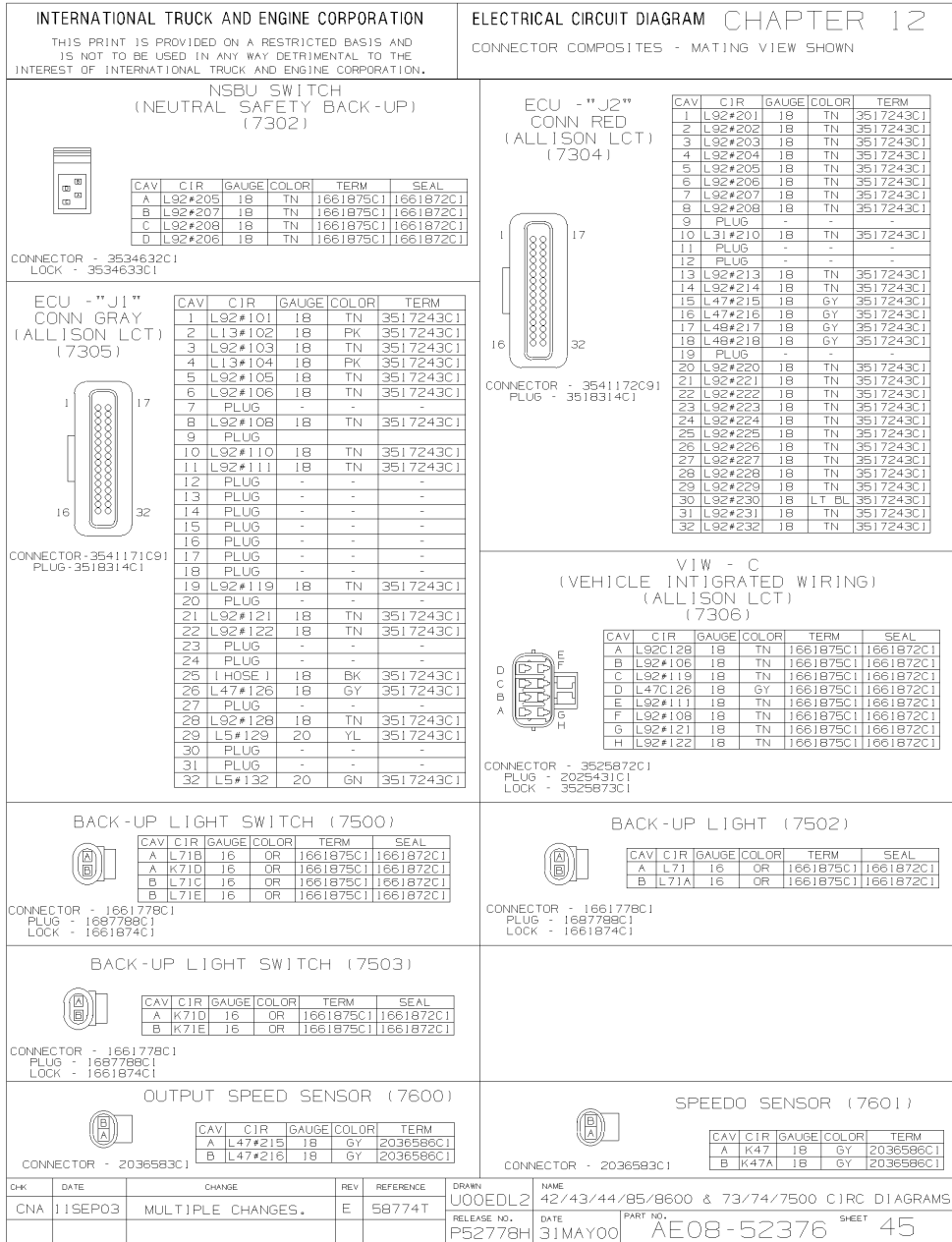


Figure 180 Connector Composites (7302), (7304), (7305), (7306), (7500), (7502), (7600), (7601)

12.46. CONNECTOR COMPOSITES (7603), (7604), (7605), (7606), (7607), (7608), (7609), (7610), (7611), (7612), (7613), (7615), (7700), (7702), (7703), (7703A), P. 46

















| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|-------------------|-------|--|-------------|---|-------|------|------|----------|------|----|-----------|-----------|-----------|----|--------|-----------|--|-----------|-----------|--|-----|-----|-------|-------|------|-------|---------|------|------|-----------|-----------|-----------|----|-----------|-----------|----|-----------|-----------|----|-----------|-----------|----|-----------|-----------|
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| ENGINE SPEED SENSOR (7603)  <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> <p>CONNECTOR - 2036583C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L48*141 | 18 | GY | 2036586C1 | B | L48*150 | 18 | GY | 2036586C1 | ENGINE SPEED SENSOR (7604)  <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> <p>CONNECTOR - 2036583C1</p> | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OUTPUT SPEED SENSOR (7605)  <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> <p>CONNECTOR - 2036583C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L47*139 | 18 | GY | 2036586C1 | B | L47*148 | 18 | GY | 2036586C1 | TRANSMISSION SPEED CONNECTION (7606)  <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> <p>CONNECTOR - 2036583C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L47*139 | 18 | GY | 2036586C1 | B | L47*148 | 18 | 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 | L47*139 | 18 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | L47*148 | 18 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRANSMISSION SPEED CONNECTION (7607)  <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> <p>CONNECTOR - 2036583C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L92*213 | 18 | TN | 2036586C1 | B | L92*214 | 18 | TN | 2036586C1 | TRANSFER CASE SPEED CONNECTION (7608)  <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> <p>CONNECTOR - 2036583C1</p> | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPEED SENSOR (7609)  <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> <p>CONNECTOR - 2036583C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L47 | 18 | GY | 2036586C1 | B | L47A | 18 | GY | 2036586C1 | TRANSFER CASE TO TRANSMISSION (7610) (USED ONLY WHEN TRANSFER CASE AND ALLISON WTEC ARE PRESENT)  MATING CONNECTOR IS FEMALE SIDE OF CONNECTOR 7800. CONNECTOR - 1667740C1 PLUG - 2025431C1 LOCK - 1667771C1 <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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRANSFER CASE SPEED CONNECTION (7611)  <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> <p>CONNECTOR - 2036583C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L47L | 16 | GY | 2036586C1 | B | L47M | 16 | GY | 2036586C1 | EATON SPEED SENSOR (7612)  <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>K47R</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K47S</td> <td>16</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | K47R | 16 | GY | 2036586C1 | B | K47S | 16 | GY | 2036586C1 | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | L47L | 16 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | L47M | 16 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K47R | 16 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K47S | 16 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRUCK SPEED SENSOR (7613)  <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>K47</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>K47A</td> <td>18</td> <td>GY</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | K47 | 18 | GY | 2036586C1 | B | K47A | 18 | GY | 2036586C1 | TRANSMISSION OIL TEMP SENSOR (7700)  <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>K31B</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> <tr> <td>2</td> <td>K31G</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> </tbody> </table> <p>CONNECTOR - 3536864C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | 1 | K31B | 18 | TN | 3536865C1 | 3536866C1 | 2 | K31G | 18 | TN | 3536865C1 | 3536866C1 | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K47 | 18 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | K47A | 18 | GY | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | K31B | 18 | TN | 3536865C1 | 3536866C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | K31G | 18 | TN | 3536865C1 | 3536866C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TURBINE SPEED SENSOR (7615)  <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>MRS2C149</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> <tr> <td>B</td> <td>MRS2C140</td> <td>18</td> <td>TN</td> <td>2036586C1</td> </tr> </tbody> </table> <p>CONNECTOR - 2036583C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | A | MRS2C149 | 18 | TN | 2036586C1 | B | MRS2C140 | 18 | TN | 2036586C1 | TRANS OIL TEMP SENSOR (7702)  <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>K31F</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> <tr> <td>2</td> <td>K31-GF</td> <td>18</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> </tbody> </table> <p>CONNECTOR - 3536864C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | 1 | K31F | 18 | TN | 3536865C1 | 3536866C1 | 2 | K31-GF | 18 | TN | 3536865C1 | 3536866C1 | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | MRS2C149 | 18 | TN | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | MRS2C140 | 18 | TN | 2036586C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | K31F | 18 | TN | 3536865C1 | 3536866C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | K31-GF | 18 | TN | 3536865C1 | 3536866C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRANS OIL TEMP SENSOR (7703)  <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>K31E</td> <td>16</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> <tr> <td>2</td> <td>K31-GE</td> <td>16</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> </tbody> </table> <p>CONNECTOR - 3536864C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | 1 | K31E | 16 | TN | 3536865C1 | 3536866C1 | 2 | K31-GE | 16 | TN | 3536865C1 | 3536866C1 | TRANS OIL TEMP SENDER (7703A)  <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>K31D</td> <td>16</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> <tr> <td>2</td> <td>K31-6D</td> <td>16</td> <td>TN</td> <td>3536865C1</td> <td>3536866C1</td> </tr> </tbody> </table> <p>CONNECTOR - 3536864C1</p> | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | 1 | K31D | 16 | TN | 3536865C1 | 3536866C1 | 2 | K31-6D | 16 | TN | 3536865C1 | 3536866C1 | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | K31E | 16 | TN | 3536865C1 | 3536866C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | K31-GE | 16 | TN | 3536865C1 | 3536866C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | K31D | 16 | TN | 3536865C1 | 3536866C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | K31-6D | 16 | TN | 3536865C1 | 3536866C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CNA | 11SEP03 | MULTIPLE CHANGES. | D | 5B774T | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | RELEASE NO. | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | P52778H | 31MAY00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | PART NO. | SHEET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | AE08-52376 | 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 181 Connector Composites (7603), (7604), (7605), (7606), (7607), (7608), (7609), (7610), (7611), (7612), (7613), (7615), (7700), (7702), (7703), (7703A)

12.47. CONNECTOR COMPOSITES (7800), (7801M), (7803), (7900), (7901), P. 47




| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|--------------|---|-----------|-------------|--|------|--------|-------|-----------|-------|-------|-----------|-----------|--------------|-----------|-----------|-----------|--|-----------|--------|-------|----|-----------|-------------|-----------|--|-----------|-----------|-----------|-----------|-----------|---------|------|------|----|-----------|-----------|---|-----------|-----------|---------|------|-------|-----------|-----------|------------|----|---------|-----------|----|-----------|-----------|----------|-----------|--------|------|----|-----------|-----------|------|------|-----|-----------|-----------|-----------|-----------|---------|--|---|----|------|----|----|-----------|-----|-------|-------|------|-----------|----|------|----|----|-----------|-----------|------|------|----|----|-----------|-----------|---|-------|----|----|-----------|-----------|---|---|---|--|--|--|--|--|-----|-----|-------|-------|------|---|---------|----|----|-----------|---|-------|----|----|-----------|
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| <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>ENG/TRANS CONNECTOR (7800)</p> </div> <div style="text-align: center;">  <p>CONNECTOR (7800)</p> </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>CONNECTOR - 1667740C1 PLUG - 2025431C1 LOCK - 1667771C1</p> | | | <p>CONNECTOR - 1667741C1 PLUG - 2025431C1 LOCK - 1667771C1</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>W/16 ENGINES</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K47</td><td>1B</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K47A</td><td>1B</td><td>GY</td><td>1667742C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>K17E</td><td>1B</td><td>VT</td><td>1667742C1</td><td>1661872C1</td></tr> </tbody> </table> | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | K47 | 1B | GY | 1667742C1 | 1661872C1 | B | K47A | 1B | GY | 1667742C1 | 1661872C1 | C | K17E | 1B | VT | 1667742C1 | 1661872C1 | <p>W/EATON AUTOSHIFT</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>L47</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>L47A</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>L17C</td><td>1B</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | L47 | 1B | GY | 1661875C1 | 1661872C1 | B | L47A | 1B | GY | 1661875C1 | 1661872C1 | C | L17C | 1B | PK | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  <p>CONNECTOR - 352225C1 LOCK - 3522253C1 PLUG - 2025431C1</p> | | | <p>W/ALLISON WTEC W/AUTO NEUTRAL</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>L47A157</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>L17B</td><td>1B</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | L47A157 | 1B | GY | 1661875C1 | 1661872C1 | B | PLUG | - | - | - | - | C | L17B | 1B | PK | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>W/CAT C10, CAT C12, CUMMINS</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>K47</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>K47A</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D</td><td>K5U</td><td>1B</td><td>YL</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>E</td><td>K5AE</td><td>1B</td><td>GN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | K47 | 1B | GY | 1661875C1 | 1661872C1 | B | K47A | 1B | GY | 1661875C1 | 1661872C1 | C | PLUG | - | - | - | - | D | K5U | 1B | YL | 1661875C1 | 1661872C1 | E | K5AE | 1B | GN | 1661875C1 | 1661872C1 | <p>W/ALLISON LCT</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>L47B126</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>PLUG</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>C</td><td>L17E</td><td>1B</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | L47B126 | 1B | GY | 1661875C1 | 1661872C1 | B | PLUG | - | - | - | - | C | L17E | 1B | PK | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>W/MANUAL TRANS</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>L47D</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>L47E</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>L17D</td><td>1B</td><td>PK</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | L47D | 1B | GY | 1661875C1 | 1661872C1 | B | L47E | 1B | GY | 1661875C1 | 1661872C1 | C | L17D | 1B | PK | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| A | L47D | 1B | GY | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | L47E | 1B | GY | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | L17D | 1B | PK | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>TERMINATING RESISTOR (7801M)</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th><th>NOTES</th></tr> </thead> <tbody> <tr><td>A</td><td>K5C1+7</td><td>1B</td><td>YL</td><td>1661875C1</td><td>3568570C1</td><td></td></tr> <tr><td>A</td><td>K5D1+7</td><td>1B</td><td>YL</td><td>1661875C1</td><td>3568570C1</td><td></td></tr> <tr><td>A</td><td>K5C1B3</td><td>1B</td><td>YL</td><td>1661875C1</td><td>3568570C1</td><td></td></tr> <tr><td>A</td><td>K5AE</td><td>1B</td><td>GN</td><td>1661875C1</td><td>3568570C1</td><td>V-8ONLY</td></tr> <tr><td>C</td><td>K5C1-7</td><td>1B</td><td>GN</td><td>1661875C1</td><td>3568570C1</td><td></td></tr> <tr><td>C</td><td>K5D1-7</td><td>1B</td><td>GN</td><td>1661875C1</td><td>3568570C1</td><td></td></tr> <tr><td>C</td><td>K5C1B4</td><td>1B</td><td>GN</td><td>1661875C1</td><td>3568570C1</td><td></td></tr> <tr><td>C</td><td>K5U</td><td>1B</td><td>YL</td><td>1661875C1</td><td>3568570C1</td><td>V-8ONLY</td></tr> </tbody> </table> | | | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES | A | K5C1+7 | 1B | YL | 1661875C1 | 3568570C1 | | A | K5D1+7 | 1B | YL | 1661875C1 | 3568570C1 | | A | K5C1B3 | 1B | YL | 1661875C1 | 3568570C1 | | A | K5AE | 1B | GN | 1661875C1 | 3568570C1 | V-8ONLY | C | K5C1-7 | 1B | GN | 1661875C1 | 3568570C1 | | C | K5D1-7 | 1B | GN | 1661875C1 | 3568570C1 | | C | K5C1B4 | 1B | GN | 1661875C1 | 3568570C1 | | C | K5U | 1B | YL | 1661875C1 | 3568570C1 | V-8ONLY | <p>ENG TO TRANSFER CASE HARNESS CONN (7803)</p> <p>USED ONLY WHEN TRANSFER CASE AND ALLISON WTEC ARE PRESENT! MATING CONNECTOR IS MALE SIDE OF CONNECTOR 7800.</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th><th>SEAL</th></tr> </thead> <tbody> <tr><td>A</td><td>L47L</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>B</td><td>L47M</td><td>1B</td><td>GY</td><td>1661875C1</td><td>1661872C1</td></tr> <tr><td>C</td><td>L92DJ</td><td>1B</td><td>TN</td><td>1661875C1</td><td>1661872C1</td></tr> </tbody> </table> <p>CONNECTOR - 1667741C1 PLUG - 2025431C1 LOCK - 1667771C1</p> | | | | | | CAV | CIR | GAUGE | COLOR | TERM | SEAL | A | L47L | 1B | GY | 1661875C1 | 1661872C1 | B | L47M | 1B | GY | 1661875C1 | 1661872C1 | C | L92DJ | 1B | TN | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | K5C1+7 | 1B | YL | 1661875C1 | 3568570C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| B | L47M | 1B | GY | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | L92DJ | 1B | TN | 1661875C1 | 1661872C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>EATON AUTOSHIFT ECM (7900)</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A1</td><td>L92AC</td><td>16</td><td>TN</td><td>1651943C1</td></tr> <tr><td>A2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>A3</td><td>L92AE</td><td>16</td><td>TN</td><td>1651943C1</td></tr> <tr><td>B1</td><td>L92AD</td><td>16</td><td>TN</td><td>1651943C1</td></tr> <tr><td>B2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>B3</td><td>L92AB</td><td>16</td><td>TN</td><td>1651943C1</td></tr> <tr><td>C1</td><td>L5AX(+)</td><td>20</td><td>YL</td><td>1651943C1</td></tr> <tr><td>C2</td><td>L5AX(+)</td><td>20</td><td>GN</td><td>1651943C1</td></tr> <tr><td>C3</td><td>L5AX(1S)</td><td>20</td><td>NONE</td><td>1651943C1</td></tr> <tr><td>D1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>D3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>E1</td><td>L92Z</td><td>16</td><td>TN</td><td>1651943C1</td></tr> <tr><td>E2</td><td>L92AA</td><td>16</td><td>TN</td><td>1651943C1</td></tr> <tr><td>E3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F1</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F2</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>F3</td><td>PLUG</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> <p>CONNECTOR - 2010376C1 PLUG - 169789C1</p> | | | | | | CAV | CIR | GAUGE | COLOR | TERM | A1 | L92AC | 16 | TN | 1651943C1 | A2 | PLUG | - | - | - | A3 | L92AE | 16 | TN | 1651943C1 | B1 | L92AD | 16 | TN | 1651943C1 | B2 | PLUG | - | - | - | B3 | L92AB | 16 | TN | 1651943C1 | C1 | L5AX(+) | 20 | YL | 1651943C1 | C2 | L5AX(+) | 20 | GN | 1651943C1 | C3 | L5AX(1S) | 20 | NONE | 1651943C1 | D1 | PLUG | - | - | - | D2 | PLUG | - | - | - | D3 | PLUG | - | - | - | E1 | L92Z | 16 | TN | 1651943C1 | E2 | L92AA | 16 | TN | 1651943C1 | E3 | PLUG | - | - | - | F1 | PLUG | - | - | - | F2 | PLUG | - | - | - | F3 | PLUG | - | - | - | <p>EATON AUTOSHIFT ECM POWER (7901)</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr><th>CAV</th><th>CIR</th><th>GAUGE</th><th>COLOR</th><th>TERM</th></tr> </thead> <tbody> <tr><td>A</td><td>L11-GAM</td><td>12</td><td>WH</td><td>1661708C1</td></tr> <tr><td>B</td><td>L14AW</td><td>12</td><td>RD</td><td>1661708C1</td></tr> </tbody> </table> <p>CONNECTOR - 3552915C1 PLUG - 1675451C1</p> | | | | | | CAV | CIR | GAUGE | COLOR | TERM | A | L11-GAM | 12 | WH | 1661708C1 | B | L14AW | 12 | RD | 1661708C1 |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A1 | L92AC | 16 | TN | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A2 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A3 | L92AE | 16 | TN | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B1 | L92AD | 16 | TN | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B2 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B3 | L92AB | 16 | TN | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C1 | L5AX(+) | 20 | YL | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C2 | L5AX(+) | 20 | GN | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C3 | L5AX(1S) | 20 | NONE | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D1 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D2 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D3 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E1 | L92Z | 16 | TN | 1651943C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| E3 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F1 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F2 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F3 | PLUG | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | L11-GAM | 12 | WH | 1661708C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | L14AW | 12 | RD | 1661708C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <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>CNA</td><td>11SEP03</td><td>ADDED 7801M.</td><td>E</td><td>58774T</td><td>U00EDL2</td><td>42/43/44/85/8600 & 73/74/7500 CIRCUIT 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>28JUN00</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>AE08-52376</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>SHEET 47</td></tr> </tbody> </table> | | | | | | CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | CNA | 11SEP03 | ADDED 7801M. | E | 58774T | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRCUIT DIAGRAMS | | | | | | RELEASE NO. | DATE | | | | | | P52778H | 28JUN00 | | | | | | | PART NO. | | | | | | | AE08-52376 | | | | | | | SHEET 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK | DATE | CHANGE | REV | REFERENCE | DRAWN | NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CNA | 11SEP03 | ADDED 7801M. | E | 58774T | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRCUIT DIAGRAMS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | RELEASE NO. | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | P52778H | 28JUN00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | PART NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | AE08-52376 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | SHEET 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 182 Connector Composites (7800), (7801M), (7803), (7900), (7901)

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

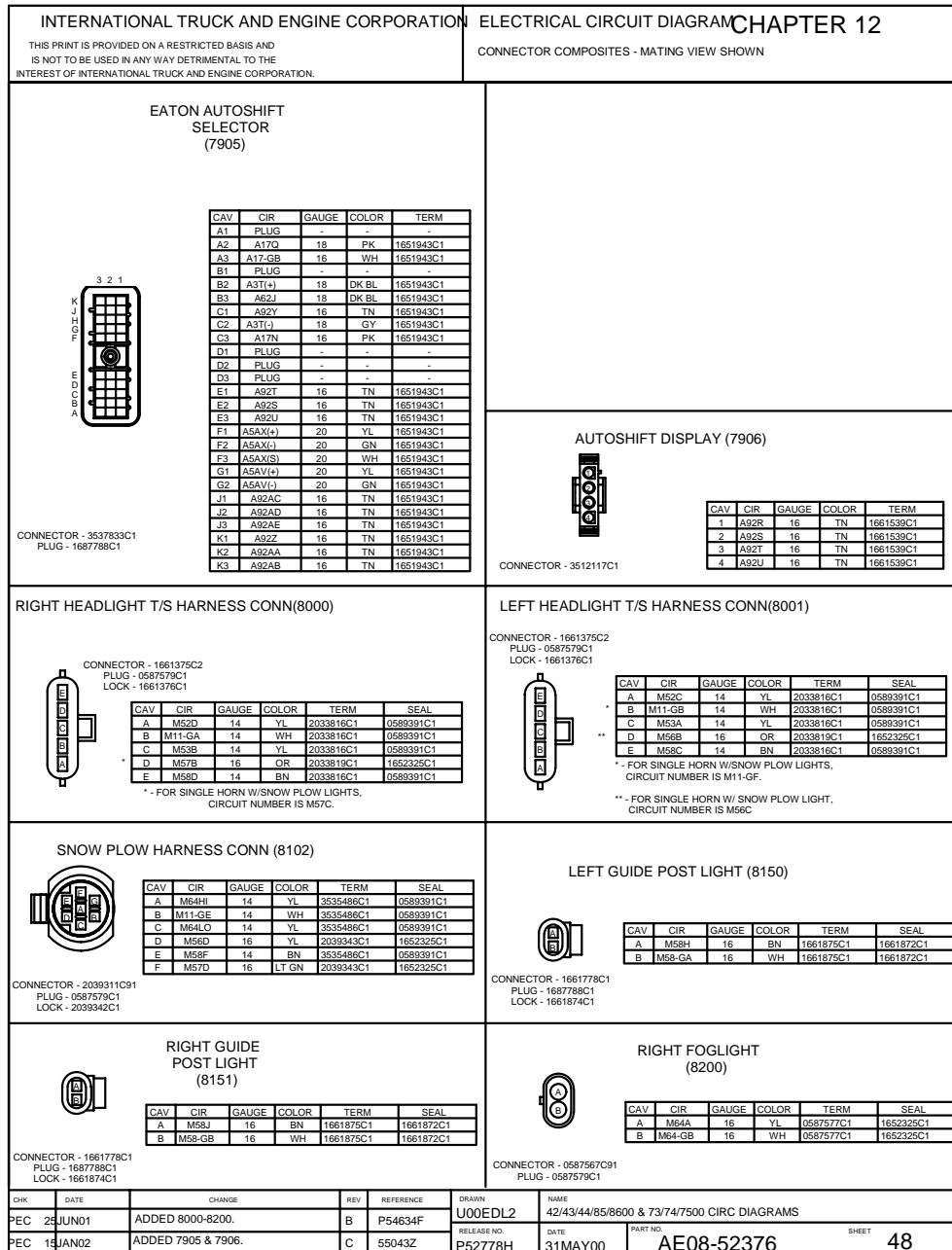


Figure 183 Connector Composites (7905), (7906), (8000), (8001), (8102), (8150), (8151), (8200)

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











| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | M94C | 18 | GY | 1680205C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 184 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






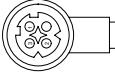
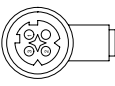



| INTERNATIONAL TRUCK AND ENGINE CORPORATION | | | | ELECTRICAL CIRCUIT DIAGRAM CHAPTER 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------|---------------------|-------|--|-----------|---|-------------|------|------|------------|-------|----|-----------|-----------|-----------|----|------|-----------|---|-----------|-----------|--|-----------|---|-------|-------|------|-------|-------|-------|-------|-----------|------|-------|-----------|----|-----------|-----------|-----------|-----------|----|------|----|-------|-----------|
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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 - 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>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 | RELEASE NO. | | DATE | PART NO. | SHEET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | AE08-52376 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 185 Connector Composites (8503), (8503A), (8505), (8506), (8507), (8508), (8509), (8600), (8601), (8602)

12.51. CONNECTOR COMPOSITES (8700), (8701), (8800), (8801), (8802), (8803), (8805),
P. 51

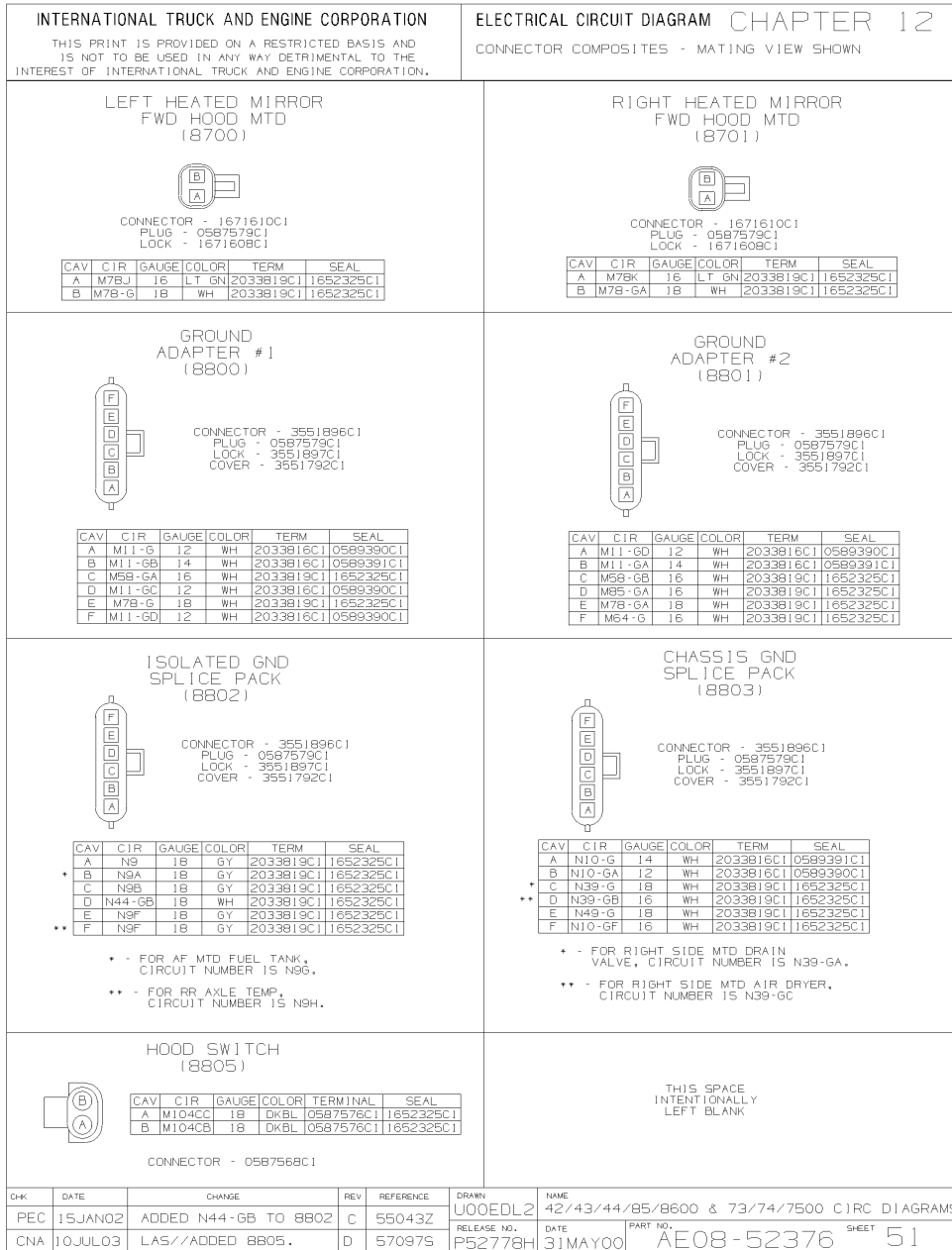


Figure 186 Connector Composites (8700), (8701), (8800), (8801), (8802), (8803), (8805)

12.52. CONNECTOR COMPOSITES (9001), (9002), (9100), (9101), (9102), (9103), (9104), (9254), (9255), P. 52



Figure 187 Connector Composites (9001), (9002), (9100), (9101), (9102), (9103), (9104), (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 | | | | | | | | |
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| BATT ECM NEGATIVE CONN (9260) | | | | | | | | | | | | |
| | | CONNECTOR - 2031522C1 PLUG - 2025432C1 LOCK - 2033927C1 | | | | | CONNECTOR - 2031520C1 PLUG - 2025432C1 LOCK - 2033927C1 | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | CAV | CIR | GAUGE | COLOR | TERM | SEAL | |
| A | N97-G | 10 | WH | 2031531C1 | 2025426C1 | A | N14-G | 10 | WH | 2025423C1 | 2025426C1 | |
| B | N92-G | 10 | WH | 2031531C1 | 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 | CAV | CIR | GAUGE | COLOR | TERM | SEAL | |
| A | N14BA | 10 | RD | 2031531C1 | 2025426C1 | A | N97AA | 10 | RD | 2025423C1 | 2025426C1 | |
| B | N14BB | 10 | RD | 2031531C1 | 2025426C1 | B | N92A | 10 | RD | 2025423C1 | 2025426C1 | |
| AMMETER (9262) (LOCATED AT BATTERY) | | | | 2-WAY RADIO NEGATIVE CONNECTION (9263) (LOCATED IN BATTERY BOX) | | | | | | | | |
| | | CONNECTOR - 1664531C1 LOCK - 1675053C1 | | | | | CONNECTOR - 1664531C1 LOCK - 1675053C1 | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | CAV | CIR | GAUGE | COLOR | TERM | SEAL | |
| A | N26B | 14 | TN | 2033816C1 | 589390C1 | A | N14-GD | 10 | WH | 1687847C1 | 589390C1 | |
| | | CONNECTOR - 1669834C1 LOCK - 1675053C1 | | | | | CONNECTOR - 1669834C1 LOCK - 1675053C1 | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | CAV | CIR | GAUGE | COLOR | TERM | SEAL | |
| A | N26B | 10 | TN | 1687848C1 | 589390C1 | A | N14-GD | 10 | WH | 1687848C1 | 589390C1 | |
| 2-WAY RADIO POSITIVE CONNECTION (9264) (LOCATED IN BATTERY BOX) | | | | 2-WAY RADIO FEED FUSE CONNECTOR (9265) (LOCATED IN BATTERY BOX) | | | | | | | | |
| | | CONNECTOR - 1664531C1 LOCK - 1675053C1 | | | | | CONNECTOR - 3512967C1 PLUG - 453133C1 | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | CAV | CIR | GAUGE | COLOR | TERM | SEAL | |
| A | N14HC | 10 | RD | 1687847C1 | 589390C1 | A | N14HB | 10 | RD | 1661708C1 | N/A | |
| | | CONNECTOR - 1669834C1 LOCK - 1675053C1 | | | | | CONNECTOR - 1661708C1 LOCK - 1661708C1 | | | | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | B | N14HC | 10 | RD | 1661708C1 | N/A | |
| A | N14HC | 10 | RD | 1687848C1 | 589390C1 | | | | | | | |
| STOP TAIL AND TURN (9303A) | | | | | | | | | | | | |
| | | CONNECTOR - 1661375C2 PLUG - 0587579C1 LOCK - 1661376C1 | | | 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 | | | | | | |
| PEC | 15JAN01 | PRODUCTION RELEASE. | A | P54304U | U00EDL2 | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS | | | | | | |
| PEC | 25JUN01 | ADDED 9260-9303A. | B | P54634F | P52778H | DATE | PART NO. | SHEET | | | | |
| | | | | | | | 28JUN00 | AE08-52376 | 53 | | | |

Figure 188 Connector Composites (9260), (9261), (9262), (9263), (9264), (9265), (9303A)

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

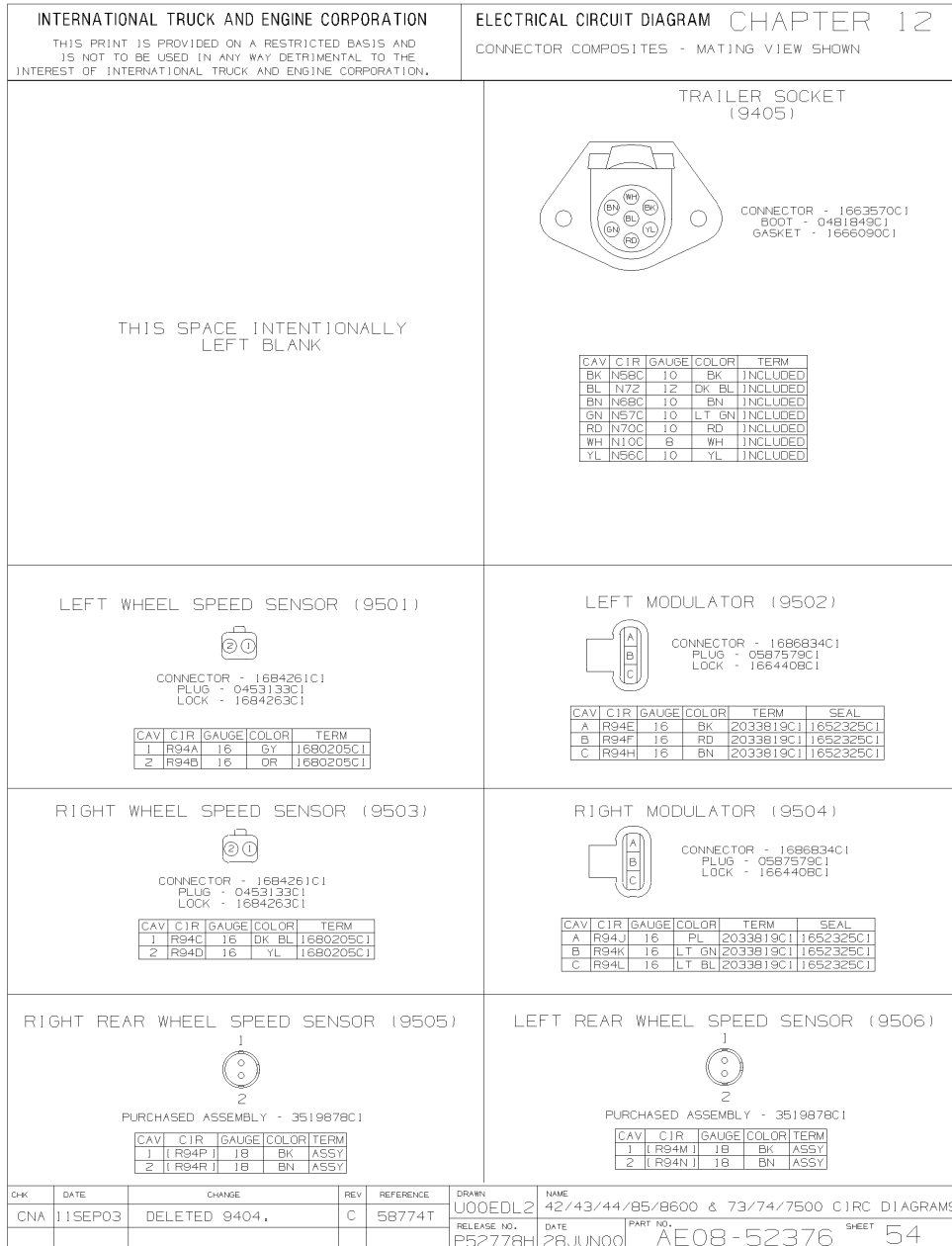


Figure 189 Connector Composites (9405), (9501), (9502), (9503), (9504), (9505), (9506)

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

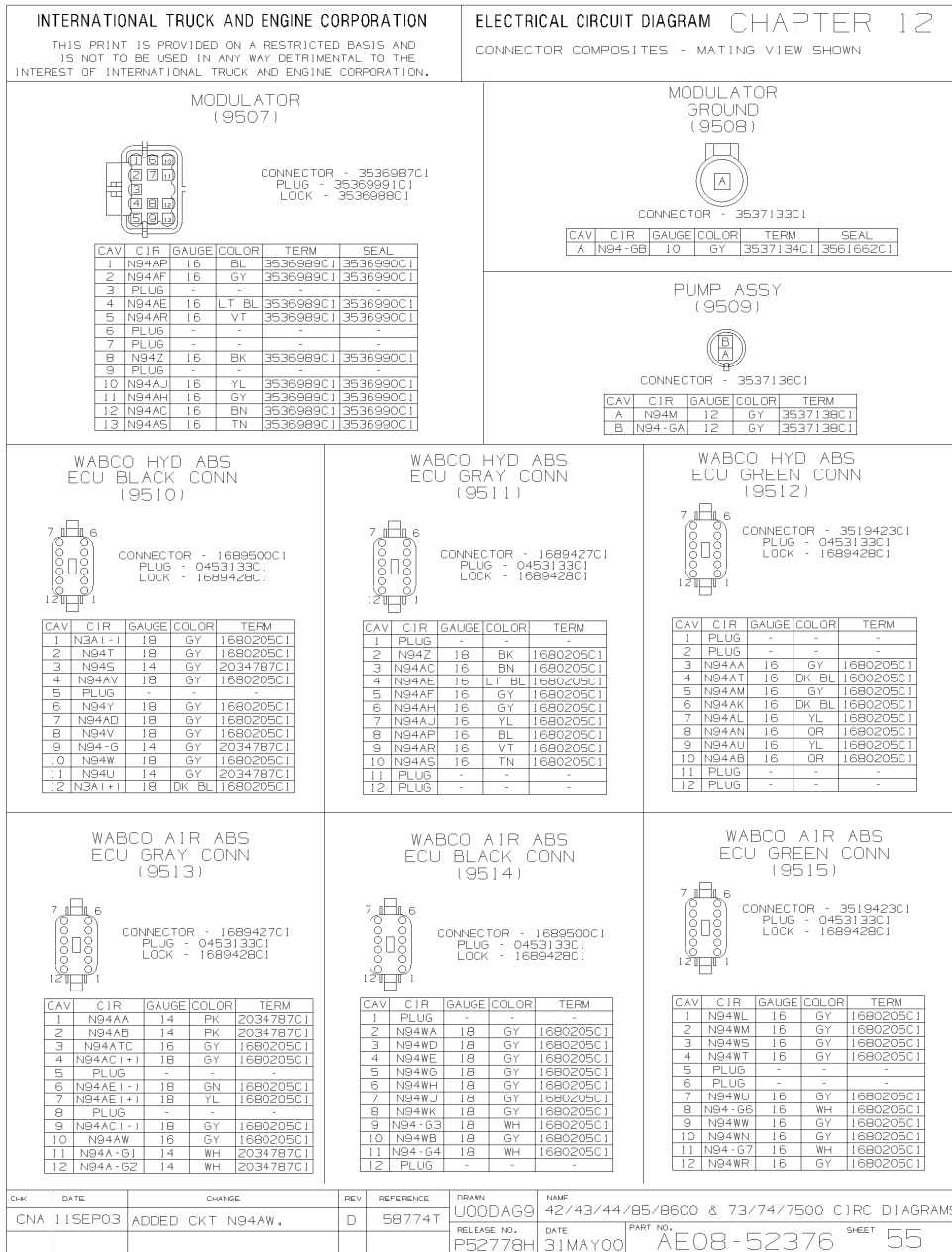


Figure 190 Connector Composites (9507), (9508), (9509), (9510), (9511), (9512), (9513), (9514), (9515)

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

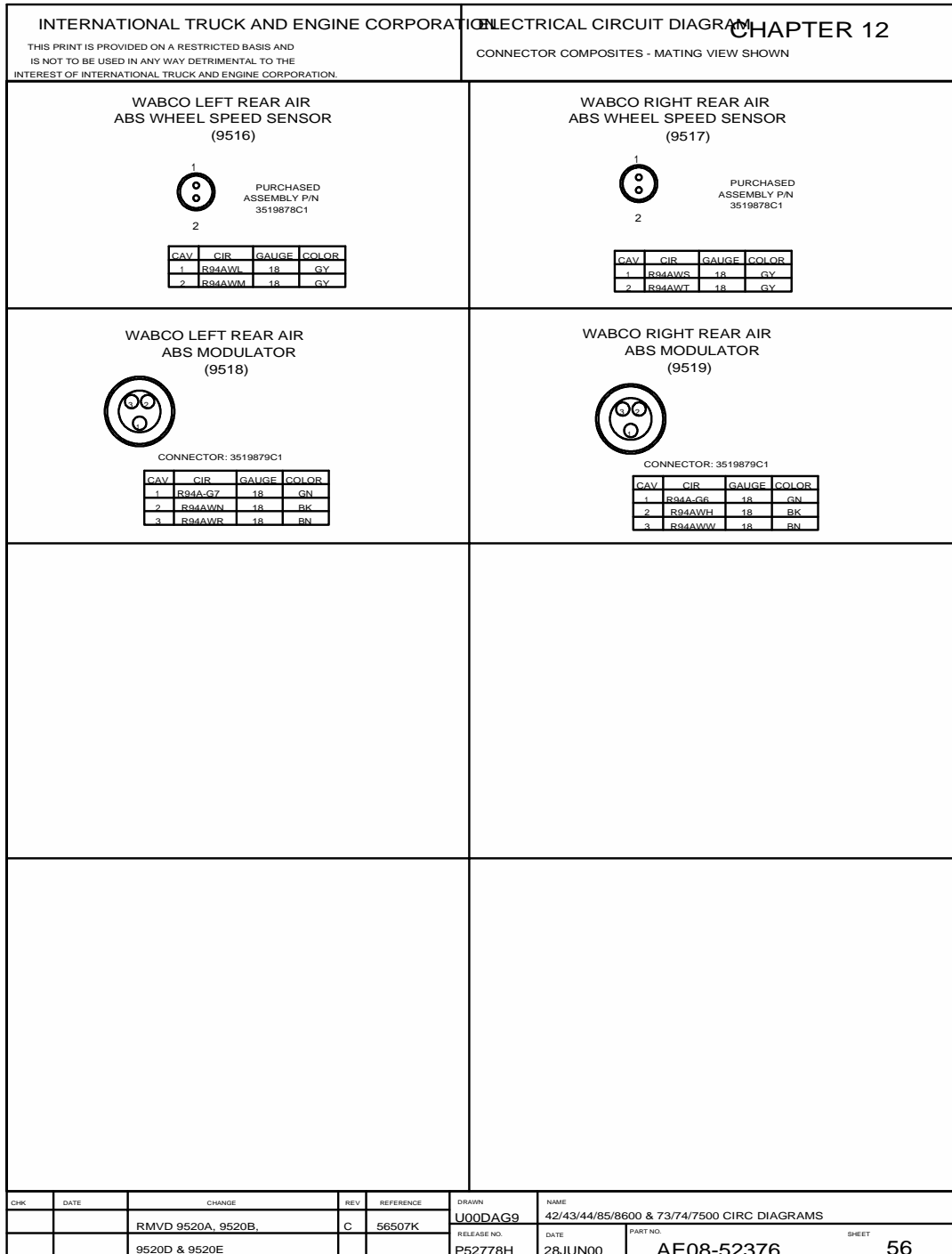


Figure 191 Connector Composites (9516), (9517), (9518), (9519)

12.57. CONNECTOR COMPOSITE (9700), P. 57

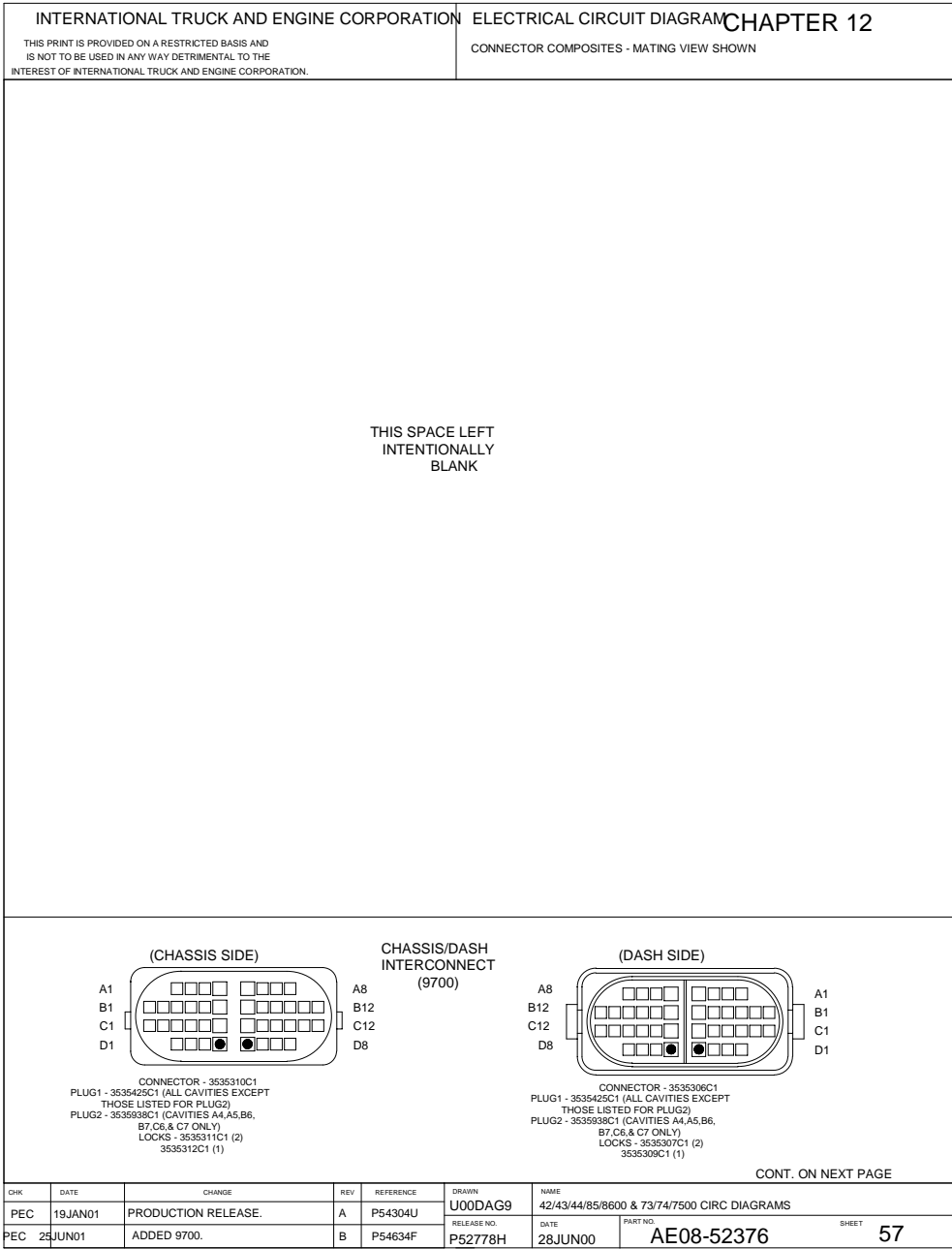


Figure 192 Connector Composite (9700)

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 | | |
| (CHASSIS SIDE) | | | | | | | CHASSIS/DASH INTERCONNECT (9700) | | |
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES | CONT. FROM PREVIOUS PAGE | | |
| A1 | N32A | 18 | TN | 3535305C1 | 3535424C1 | | | | |
| A1 | N104CA | 16 | DK BL | 3535305C1 | 3535424C1 | W/REMOTE START/STOP | | | |
| A2 | N32 | 18 | TN | 3535305C1 | 3535424C1 | | | | |
| A2 | N58CA | 16 | GY | 3535305C1 | 3535424C1 | W/REMOTE START/STOP | | | |
| A3 | N94A | 16 | GY | 3535305C1 | 3535424C1 | W/AIR ABS | | | |
| A3 | N94AM | 16 | GY | 3535305C1 | 3535424C1 | W/HYD ABS | | | |
| A3 | N94WJ | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | | | |
| A4 | N71 | 14 | OR | 3535934C1 | 3535937C1 | | | | |
| A5 | N56 | 14 | OR | 3535934C1 | 3535937C1 | | | | |
| A6 | N94B | 16 | OR | 3535305C1 | 3535424C1 | W/AIR ABS | | | |
| A6 | N94AN | 16 | OR | 3535305C1 | 3535424C1 | W/HYD ABS | | | |
| A6 | N94WK | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | | | |
| A7 | N94C | 16 | DK BL | 3535305C1 | 3535424C1 | W/AIR ABS | | | |
| A7 | N94AT | 16 | DK BL | 3535305C1 | 3535424C1 | W/HYD ABS | | | |
| A7 | N94WG | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | | | |
| A8 | N94D | 16 | YL | 3535305C1 | 3535424C1 | W/AIR ABS | | | |
| A8 | N94AU | 16 | YL | 3535305C1 | 3535424C1 | W/HYD ABS | | | |
| A8 | N94WH | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | | | |
| B1 | N94E | 16 | BK | 3535305C1 | 3535424C1 | W/AIR ABS | | | |
| B1 | N94T | 18 | GY | 3535305C1 | 3535424C1 | W/HYD ABS | | | |
| B1 | N94WA | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | | | |
| B2 | N94F | 16 | RD | 3535305C1 | 3535424C1 | W/AIR ABS | | | |
| B2 | N94AD | 18 | GY | 3535305C1 | 3535424C1 | W/HYD ABS | | | |
| B2 | N94-G4 | 18 | WH | 3535305C1 | 3535310C1 | W/WABCO AIR | | | |
| B3 | N94H | 16 | BN | 3535305C1 | 3535424C1 | W/AIR ABS | | | |
| B3 | N94Y | 18 | GY | 3535305C1 | 3535424C1 | W/HYD ABS | | | |
| B3 | N94WB | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | | | |
| B4 | N94J | 16 | PL | 3535305C1 | 3535424C1 | W/AIR ABS | | | |
| B4 | N94WE | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | | | |
| B5 | N94K | 16 | LT GN | 3535305C1 | 3535424C1 | W/AIR ABS | | | |
| B5 | N94V | 18 | GY | 3535305C1 | 3535424C1 | W/HYD ABS | | | |
| B5 | N94-G3 | 18 | WH | 3535305C1 | 3535310C1 | W/WABCO AIR | | | |
| B6 | N57 | 14 | OR | 3535934C1 | 3535937C1 | | | | |
| B7 | N88 | 14 | BN | 3535934C1 | 3535937C1 | | | | |
| B8 | N94L | 16 | LT BL | 3535305C1 | 3535424C1 | | | | |
| B8 | N44N | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| B8 | N94WD | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | | | |
| B9 | N59-GA | 18 | WH | 3535305C1 | 3535310C1 | | | | |
| B9 | N19 | 16 | GY | 3535305C1 | 3535424C1 | | | | |
| B9 | N18A | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| B9 | N44M | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| B10 | N59J | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| B10 | N59U | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| B11 | ** | 18 | TN | 3535305C1 | 3535424C1 | | | | |
| B12 | ** | 16 | GY | 3535305C1 | 3535424C1 | | | | |
| C1 | N59K | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| C1 | N59V | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| C2 | N59L | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| C2 | N59W | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| C3 | N94BD | 16 | BN | 3535305C1 | 3535424C1 | W/AIR ABS | | | |
| C3 | N94(-) | 18 | GY | 3535305C1 | 3535424C1 | W/HYD ABS | | | |
| C3 | N94C(+) | 18 | GY | 3535305C1 | 3535310C1 | W/WABCO AIR | | | |
| C4 | N94BE | 16 | YL | 3535305C1 | 3535424C1 | W/AIR ABS | | | |
| C4 | N94I(+) | 18 | DK BL | 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 | 3535937C1 | | | | |
| C8 | *** | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| C9 | N56J | 16 | OR | 3535305C1 | 3535424C1 | | | | |
| C9 | N97D | 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 | N87DB | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| D3 | N87KB | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| D3 | N87MB | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| D6 | N87CA | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| D6 | N87EA | 18 | GY | 3535305C1 | 3535424C1 | | | | |
| D7 | N71N | 18 | OR | 3535305C1 | 3535424C1 | | | | |
| D7 | N19-G | 18 | WH | 3535305C1 | 3535424C1 | | | | |
| D7 | N19-GA | 18 | WH | 3535305C1 | 3535424C1 | | | | |
| D8 | N9 | 18 | GY | 3535305C1 | 3535424C1 | | | | |

| (DASH SIDE) | | | | | | |
|-------------|--------|-------|-------|-----------|-----------|---------------------|
| CAV | CIR | GAUGE | COLOR | TERM | SEAL | NOTES |
| A1 | J32 | 18 | TN | 3535303C1 | 3535424C1 | |
| A1 | J104C | 18 | DK BL | 3535303C1 | 3535424C1 | W/REMOTE START/STOP |
| A2 | J32A | 18 | TN | 3535303C1 | 3535424C1 | |
| A2 | J59 | 18 | GY | 3535930C1 | 3535936C1 | W/REMOTE START/STOP |
| A3 | J94AB | 18 | GY | 3535303C1 | 3535424C1 | W/AIR ABS |
| A3 | J94HM | 18 | GY | 3535303C1 | 3535424C1 | W/HYD ABS |
| A4 | J71A | 18 | OR | 3535930C1 | 3535936C1 | |
| A5 | J56B | 16 | OR | 3535930C1 | 3535936C1 | |
| A6 | J94AA | 18 | OR | 3535303C1 | 3535424C1 | W/AIR ABS |
| A6 | J94HN | 18 | OR | 3535303C1 | 3535424C1 | W/HYD ABS |
| A7 | J94AL | 18 | DK BL | 3535303C1 | 3535424C1 | W/AIR ABS |
| A7 | J94HT | 18 | DK BL | 3535303C1 | 3535424C1 | W/HYD ABS |
| A8 | J94AK | 18 | YL | 3535303C1 | 3535424C1 | W/AIR ABS |
| A8 | J94HU | 18 | YL | 3535303C1 | 3535424C1 | W/HYD ABS |
| B1 | J94AC | 18 | BK | 3535303C1 | 3535424C1 | W/AIR ABS |
| B1 | J94HD | 18 | GY | 3535303C1 | 3535424C1 | W/HYD ABS |
| B2 | J94AD | 18 | RD | 3535303C1 | 3535424C1 | W/AIR ABS |
| B2 | J94HV | 18 | GY | 3535303C1 | 3535424C1 | W/HYD ABS |
| B3 | J94AE | 18 | BN | 3535303C1 | 3535424C1 | W/AIR ABS |
| B3 | J94HX | 18 | GY | 3535303C1 | 3535424C1 | W/HYD ABS |
| B4 | J94AF | 18 | FL | 3535303C1 | 3535424C1 | W/AIR ABS |
| B5 | J94HP | 18 | LT GN | 3535303C1 | 3535424C1 | W/AIR ABS |
| B6 | J57B | 16 | OR | 3535303C1 | 3535424C1 | W/HYD ABS |
| B7 | J57B | 16 | OR | 3535930C1 | 3535936C1 | |
| B7 | J89B | 14 | BN | 3535931C1 | 3535937C1 | |
| B8 | J94AJ | 18 | GY | 3535303C1 | 3535424C1 | |
| B8 | J44N | 16 | GY | 3535303C1 | 3535424C1 | |
| B9 | N59-GA | 18 | WH | 3535303C1 | 3535424C1 | |
| B9 | J44M | 18 | GY | 3535303C1 | 3535424C1 | |
| B10 | J59A | 18 | GY | 3535303C1 | 3535424C1 | |
| B11 | J98A | 18 | TN | 3535303C1 | 3535424C1 | |
| B12 | J98A | 16 | GY | 3535303C1 | 3535424C1 | |
| C1 | J59B | 18 | GY | 3535303C1 | 3535424C1 | |
| C2 | J59C | 18 | GY | 3535303C1 | 3535424C1 | |
| C3 | J94ATC | 18 | GY | 3535303C1 | 3535424C1 | W/AIR ABS |
| C3 | J3C(-) | 18 | GY | 3535303C1 | 3535424C1 | W/HYD ABS |
| C4 | J94ATR | 18 | GY | 3535303C1 | 3535424C1 | W/AIR ABS |
| C4 | J3C(+) | 18 | DK BL | 3535303C1 | 3535424C1 | W/HYD ABS |
| C5 | J59D | 18 | GY | 3535303C1 | 3535424C1 | |
| C6 | J11-GA | 14 | WH | 3535931C1 | 3535937C1 | |
| C7 | J59E | 14 | GY | 3535931C1 | 3535937C1 | |
| C8 | J98B | 16 | GY | 3535303C1 | 3535424C1 | |
| C9 | J37 | 18 | TN | 3535303C1 | 3535424C1 | |
| C10 | J36B | 18 | TN | 3535303C1 | 3535424C1 | |
| C11 | PLUG | - | - | - | - | |
| C12 | J49A | 18 | GY | 3535303C1 | 3535424C1 | |
| D1 | J49B | 18 | GY | 3535303C1 | 3535424C1 | |
| D2 | J87BB | 18 | GY | 3535303C1 | 3535424C1 | |
| D3 | J87KB | 16 | GY | 3535303C1 | 3535424C1 | |
| D6 | J87CA | 18 | GY | 3535303C1 | 3535424C1 | |
| D7 | J71N | 18 | OR | 3535303C1 | 3535424C1 | |
| D8 | J9G | 18 | GY | 3535303C1 | 3535424C1 | |

- * - FOR LEFT SIDE MTD FUEL TANKS, CIR NUM IS N36;
FOR RIGHT SIDE MTD FUEL TANKS, CIR NUM IS N38A;
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 N38;
FOR RIGHT SIDE MTD DRAIN VALVES, CIR NUM IS N38A;
- **** - 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 | UOODLCK | 42/43/44/85/8600 & 73/74/7500 CIRC DIAGRAMS |
| CNA | 10JUL03 | LAS/MULTIPLE CHANGES | B | 57097S | P54634F | DATE 14JUN01 PART NO. AE08-52376 SHEET 58 |

Figure 193 Connector Composite (9700)

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

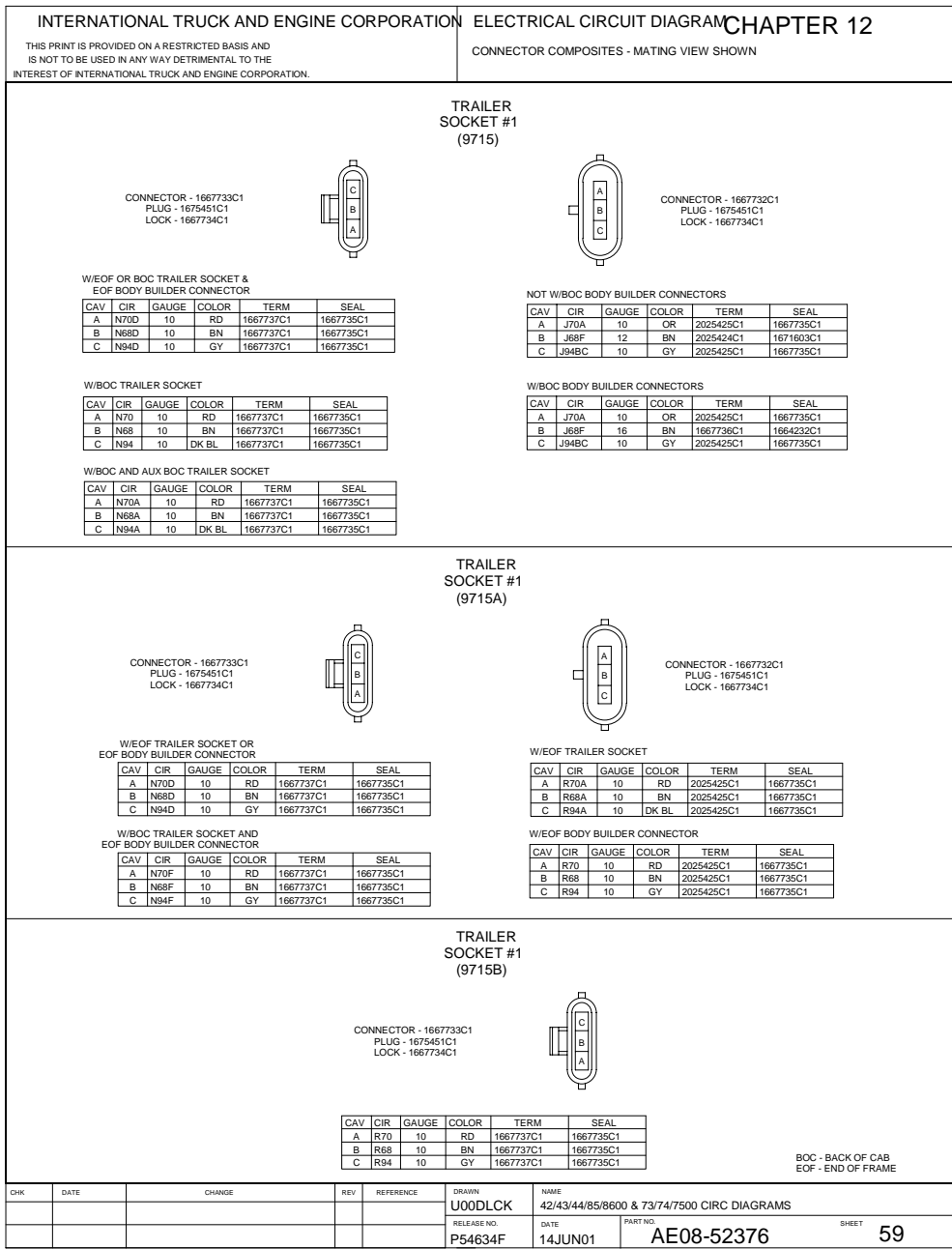


Figure 194 Connector Composites (9715), (9715A), (9715B)

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

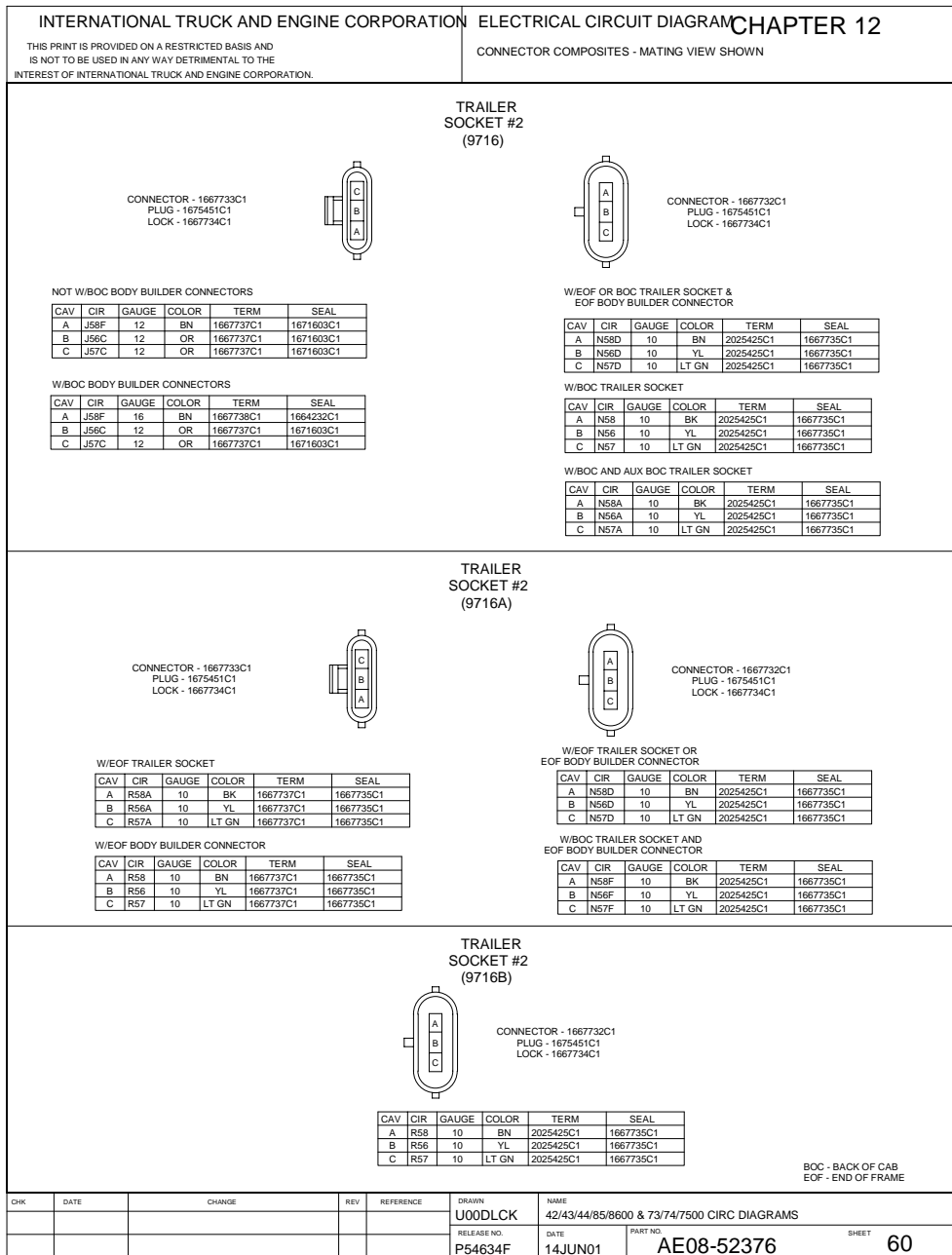


Figure 195 Connector Composites (9716), (9716A), (9716B)

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

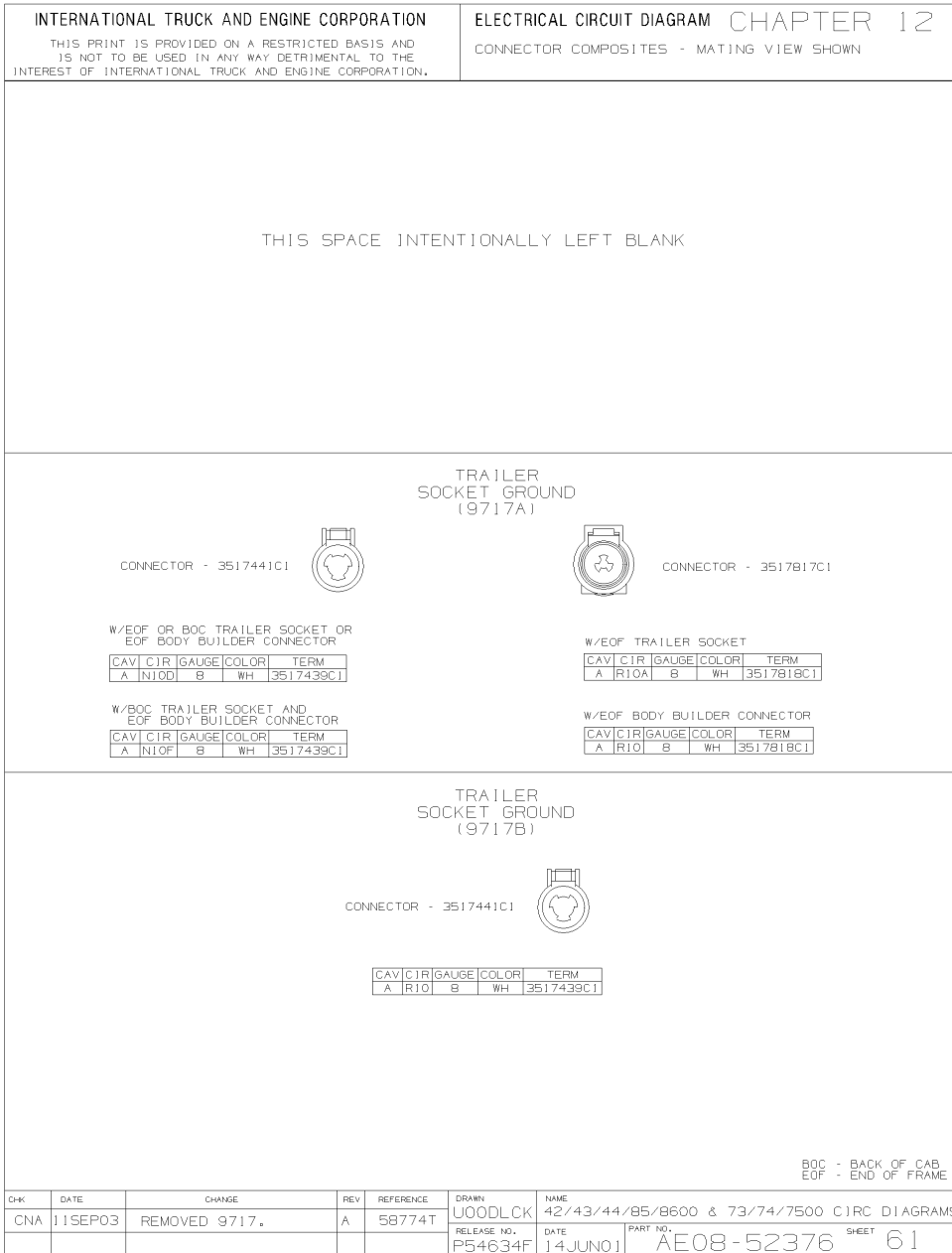


Figure 196 Connector Composites (9717A), (9717B)

12.62. CONNECTOR COMPOSITES (9718), (9719), (9720), (9733), (9734), (9736), (9754), (9762), (9763), P. 62

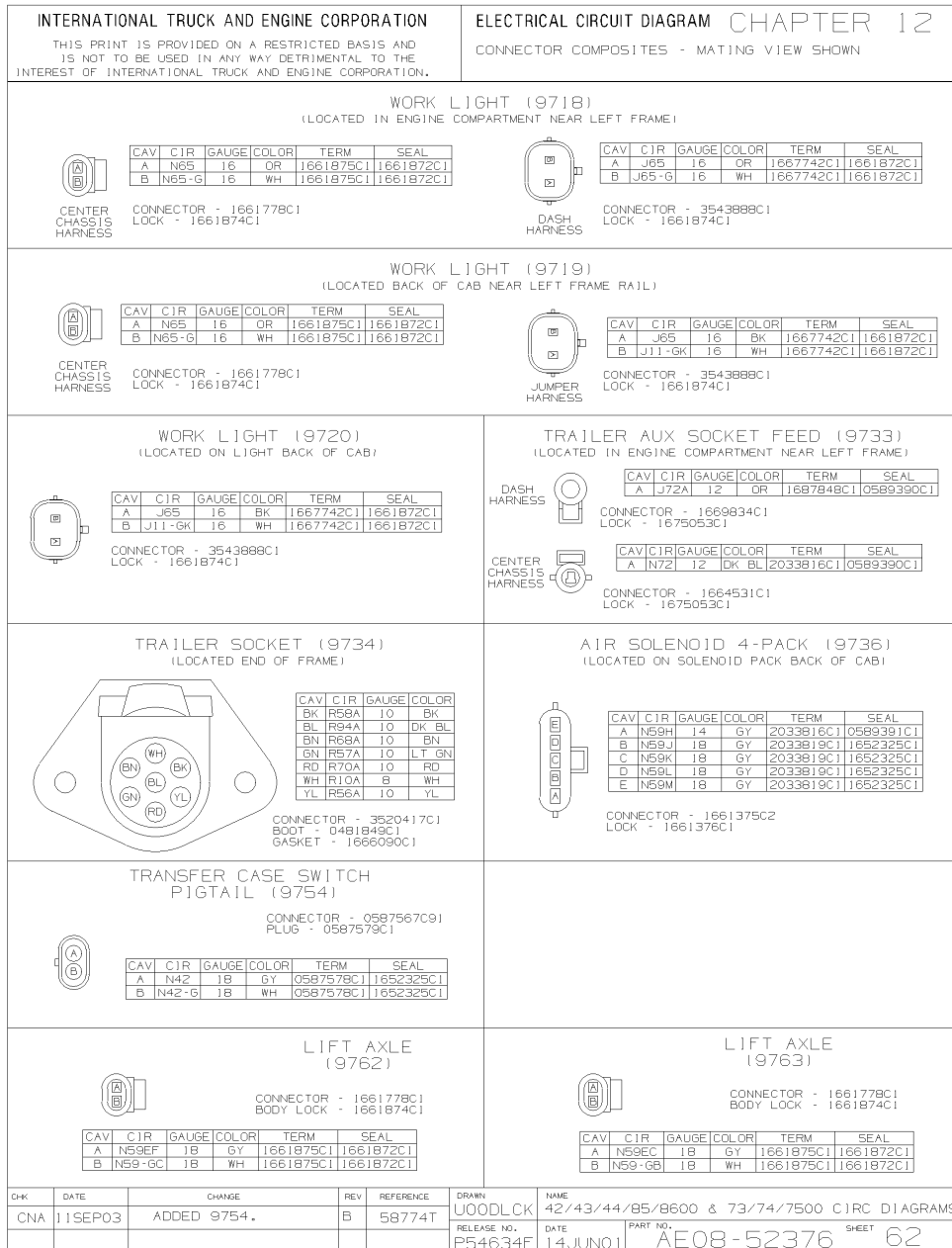


Figure 197 Connector Composites (9718), (9719), (9720), (9733), (9734), (9736), (9754), (9762), (9763)

12.63. CONNECTOR COMPOSITES (9777), (9778), (9800), P. 63

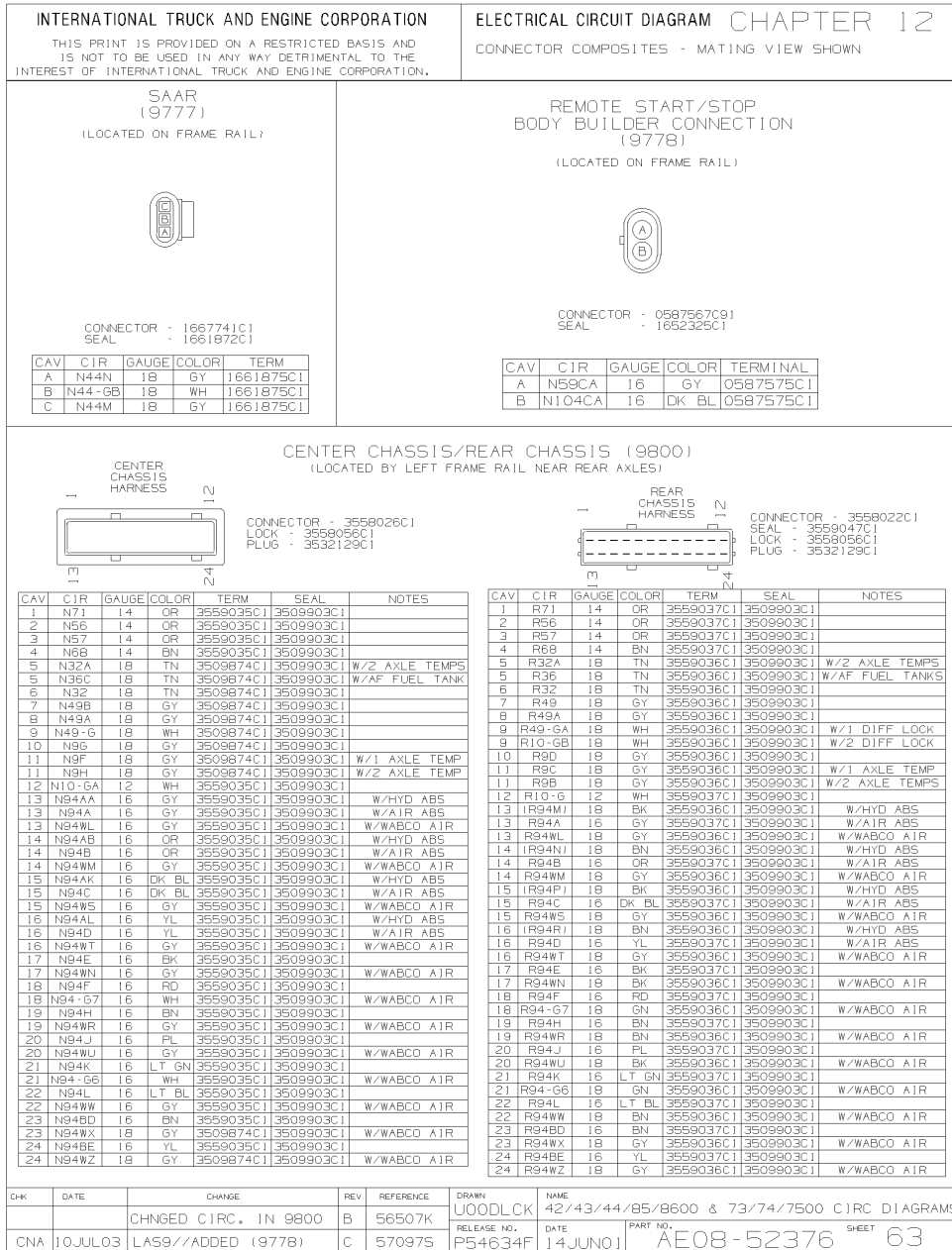


Figure 198 Connector Composites (9777), (9778), (9800)

12.64. CONNECTOR COMPOSITES (9870), (9871), (9811), (9812), (9814), (9815), (9850), (9900), (9900A), (9913A), (9913B), (9914), P. 64

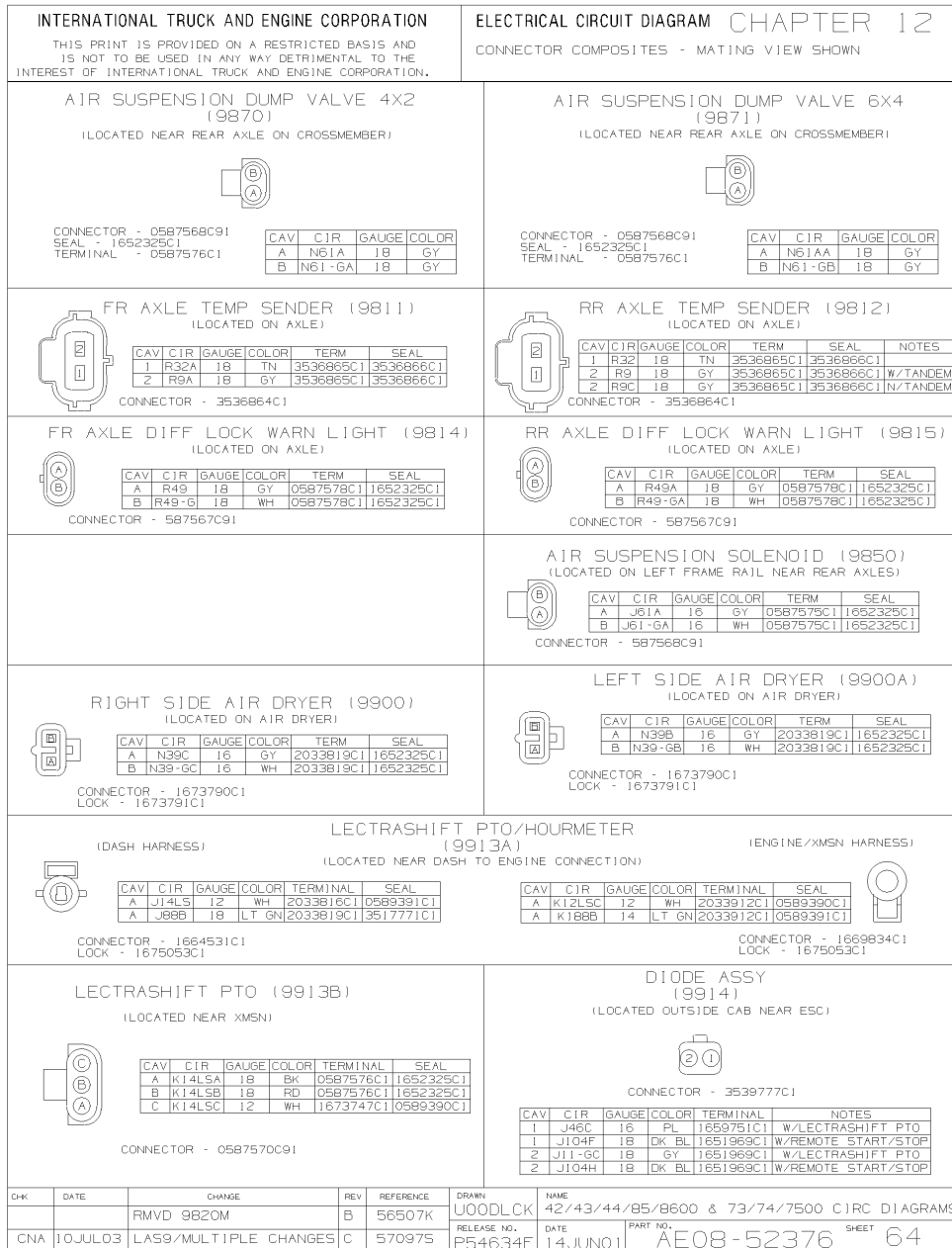


Figure 199 Connector Composites (9870), (9871), (9811), (9812), (9814), (9815), (9850), (9900), (9900A), (9913A), (9913B), (9914)

12.65. CONNECTOR COMPOSITES (4100), (4109), (4112), (6502), (7107), (7208), (7615), P. 65

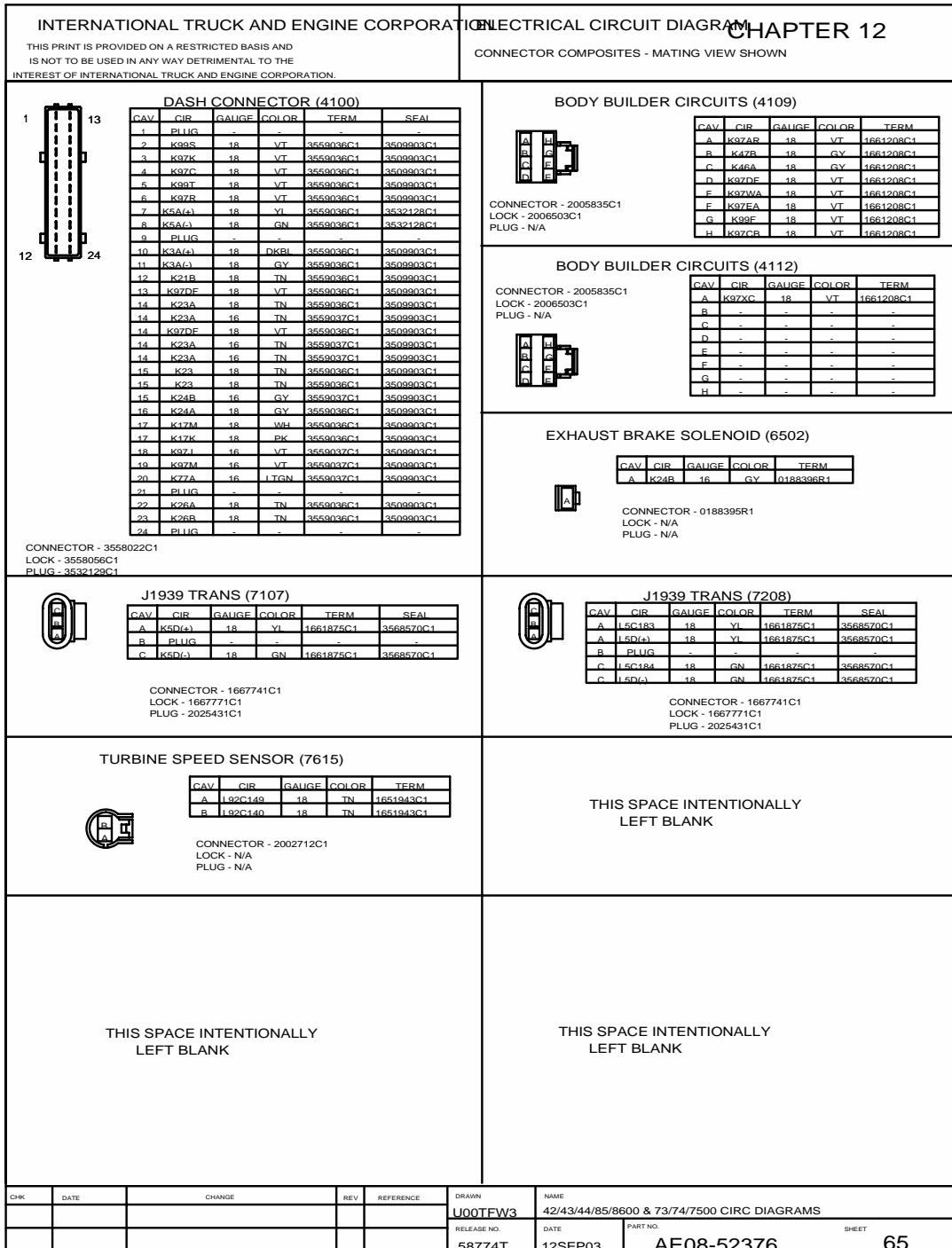


Figure 200 Connector Composites (4100), (4109), (4112), (6502), (7107), (7208), (7615)