

INTRODUCTION

This booklet contains Wiring Diagrams for 1979 vehicles listed in the contents below.

All diagrams contained in this booklet are based on the latest product information available at the time of publication approval. The manufacturer reserves the right to make product changes at any time.

Wire sizes in this booklet are metric. The following table shows metric to AWG size conversions.

| WIRE SIZE CONVERSION TABLE | |
|----------------------------------|----------|
| METRIC SIZE (mm) ² | AWG SIZE |
| .22 | 24 |
| .5 | 20 |
| .8 | 18 |
| 1 | 16 |
| 2 | 14 |
| 3 | 12 |
| 5 | 10 |
| 8 | 8 |
| 13 | 6 |
| 19 | 4 |
| 32 | 2 |

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CIRCUIT TABULATION

| Circuit Number | Circuit Color | Circuit Name |
|----------------|---------------|--|
| 2 | Red | Feed, Battery - Unfused |
| 3 | Pink | Feed, Ign. Sw. "On" & Crank" Controlled, Unfused |
| 4 | Brown | Feed, Ign. Sw. "Accsy & On" Controlled, Unfused |
| 5 | Yellow | Neutral Safety Start Sw. or Start Relay Feed |
| 6 | Purple | Starter Solenoid Feed |
| 7 | Yellow | Primary Ignition Resistance By-Pass |
| 8 | Gray | Instrument and Panel Lights (Fused No. 44 Cir.) |
| 9 | Brown | Tail, License, Park and Side Marker Lamp Feed |
| 10 | Yellow | Dimmer Sw. Feed |
| 11 | Light Green | Headlamp Feed, Hi-Beam |
| 12 | Tan | Headlamp Feed, Lo-Beam |
| 13 | Purple | Front Parking Lamps |
| 14 | Light Blue | L.H. Indicator and Front Directional Lamps |
| 15 | Dark Blue | R.H. Indicator and Front Directional Lamps |
| 16 | Purple | Directional Signal Sw., Feed From Flasher |
| 17 | White | Directional Signal Sw., Feed From Stop Sw. |
| 18 | Yellow | Stop and Directional Lamp or Directional Lamp Only - Rear L.H. |
| 19 | Dark Green | Stop and Directional Lamp or Directional Lamp Only - Rear R.H. |
| 20 | Light Blue | Stop Lamp (Only) |
| 21 | Pink | Spot Light |
| 22 | White | Direct Ground - Trailer |
| 24 | Light Green | Back Up Lamp Feed |
| 25 | Brown | Feed, Voltage Regulator Controlled |
| 26 | Dark Blue | Field Circuit (F) (Gen/Reg.) |
| 27 | Brown | Traffic Hazard Sw., Feed from Hazard Flasher |
| 28 | Black | Ground, Horn Sw. Controlled |
| 29 | Dark Green | Horn Feed |
| 30 | Pink | Fuel Gauge to Tank Unit |
| 31 | Tan | Oil Pressure, Engine |
| 32 | Yellow | Map Light Feed |
| 33 | Tan-White | Warning Light - Brake |
| 34 | Purple | Fog or Drive Lamp |
| 35 | Dark Green | Ground, Eng. Coolant Temp. Sw. Controlled (Hot) |
| 36 | Light Green | Ground, Eng. Temp. Sw. Controlled (Cold) |
| 37 | Light Green | Ground, Eng. Metal Temp. Sw. Controlled (Hot) |
| 38 | Dark Blue | Flasher Fused Feed |

| Circuit Number | Circuit Color | Circuit Name |
|----------------|---------------|---|
| 39 | Pink-Black | Feed, Ign. Sw. "On and Crank" Controlled - Fused |
| 40 | Orange | Feed, Battery - Fused |
| 41 | Brown-White | Feed, Ign. Sw. "Accsy and On" Controlled - Fused |
| 42 | Yellow | Feed, A/C Auto Relay Con- trolled |
| 43 | Yellow | Radio Feed |
| 44 | Dark Green | I.P. and Lights Feed (Usually light Sw. to Fuse) |
| 45 | Black | Marker and Clearance Lamps (Trailers) |
| 46 | Dark Blue | Rear Seat Speaker Feed from Single Radio or Right Stereo |
| 47 | Dark Blue | Auxiliary Circuit (Trailer) |
| 50 | Brown | Feed, Ign. Sw. "On" Con- trolled - Fused |
| 51 | Yellow | Blower Resistor Feed - Low |
| 52 | Orange | Feed, Blow Sw. "Hi" or Selectro Sw. "Max Cold" Con- trolled |
| 53 | Light Green | Valve Release Solenoid to Control Box |
| 54 | Dark Green | Control to Shield |
| 55 | Orange | Kick Down Solenoid Feed |
| 56 | Tan | Amplifier to Transducer |
| 57 | Orange | L.H. Cornering Lamp Feed |
| 58 | Black | R.H. Cornering Lamp Feed |
| 59 | Dark Green | Compressor Feed |
| 60 | Orange-Black | Feed, Battery, Circuit Breaker Protected |
| 61 | Yellow | Ground, Resistive, Auto A/C Amb. Sensor Controlled |
| 62 | Light Green | Ground, Resistive, Auto A/C Feed Back Pot Controlled |
| 63 | Tan | Feed, Blower Sw. "Medium 1" Controlled |
| 64 | Brown | Blower Sw. Feed from A/C Selector Sw. |
| 65 | Purple | Blower Motor Feed |
| 66 | Light Green | Feed, A/C Selector Sw. Con- trolled (Comp. Ct.) |
| 67 | Blue | Feed, A/C Freon Press, Cut- Out Sw. Controlled |
| 68 | Yellow-Black | Ground, Resistive, Low Cool- and Probe Controlled |
| 69 | Gray | Ground Low Coolant Module Controlled |
| 70 | Pink | Feed, Relay Controlled, Ign. Sw. Controlled |
| 71 | Black | Ground, A/C Selector Sw. "Def" Controlled |
| 72 | Light Blue | Feed, Blower Sw. "Medium 2" Controlled |
| 73 | Purple-White | Feed, Blower Sw. "Medium 3" Controlled |

CIRCUIT TABULATION

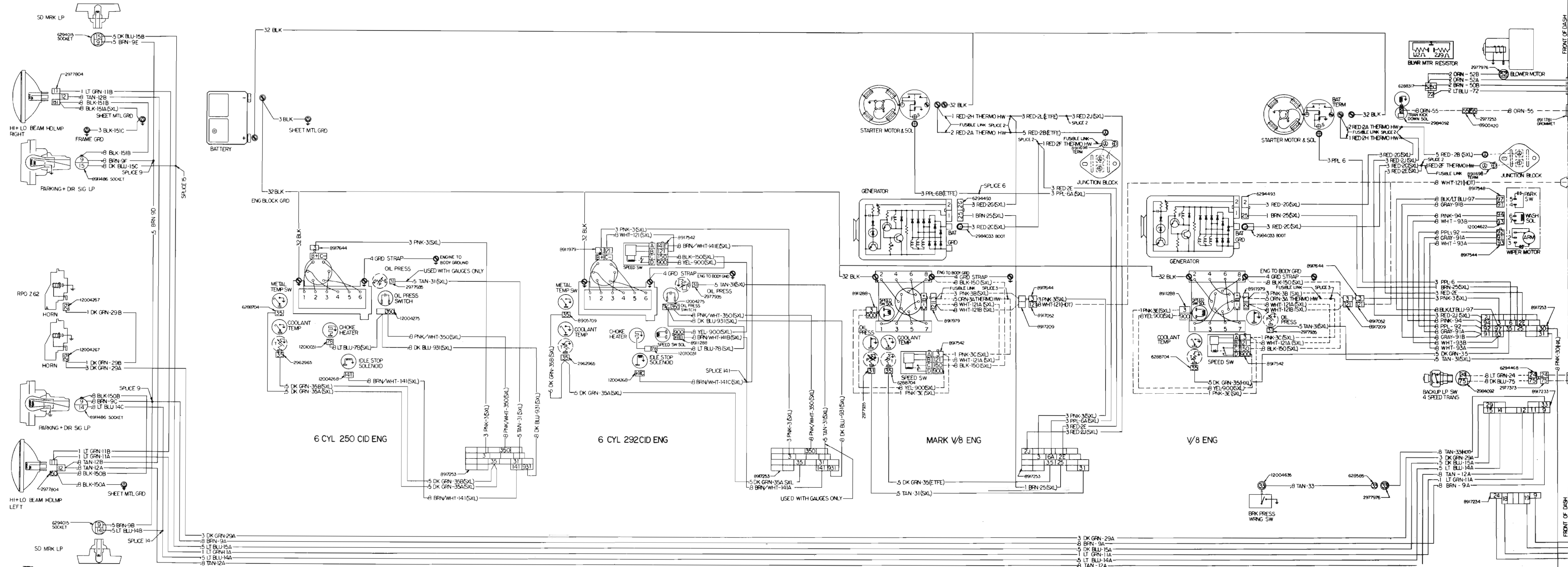
| Circuit Number | Circuit Color | Circuit Name | Circuit Number | Circuit Color | Circuit Name |
|----------------|---------------------|--|----------------|---------------------|--|
| 74 | Light Green | Feed to Throttle Switch | 139 | Pink-Black | Feed, Ign. Sw. "On and Crank" Controlled - Fused |
| 75 | Dark Blue | Feed, Ign. Sw. "On and Crank" Controlled - Fused | 140 | Orange | Feed, Battery - Fused |
| 76 | Pink | Feed, Ign. Sw. Controlled | 141 | Brown-White | Feed, Ign. Sw., "Accsy and On" Controlled |
| 78 | Light Blue | Electric Choke Feed | 142 | Black | Rr Compartment Lid Lock Release |
| 80 | Light Green | Ground Key Warning Buzzer | 143 | Pink | Feed Radio Sw. "On" Controlled |
| 83 | Dark Green | Feed, Cruise Engage Sw. "Retard" Controlled | 144 | Yellow | Feed to Pwr Ant Sw. |
| 84 | Dark Blue | Feed, Cruise Engage Sw. "Engage" Controlled | 145 | Dark Green | Feed, Pwr Ant Up, Relay Con- trolled |
| 85 | White | Ground, Cruise Indicator Regulator Controlled | 150 | Black | Ground Circuit - Direct |
| 86 | Brown | Feed, Cruise Brake Release Sw. Controlled | 151 | Black | Ground Circuit - Direct |
| 90 | Pink | Feed, Cutout Sw. Controlled, Cir. Brkr. Protected | 152 | Black | Ground Circuit - Direct |
| 91 | Gray | Windshield Wiper - Low | 153 | Black | Ground Circuit - Direct |
| 92 | Purple | Windshield Wiper - Hi | 154 | Black | Ground Circuit - Direct |
| 93 | White | Windshield Wiper Motor Feed | 155 | Black | Ground Circuit - Direct |
| 94 | Pink | Windshield Washer Sw. to Washer | 156 | White | Ground Circuit - Sw. Controlled Body Interior Lamps - such as Dome, Courtesy, Map Warning, etc. |
| 95 | Dark Green | Ground, Pulse Wiper Sw. Controlled | 157 | Gray | Ground Circuit - Sw. Controlled - Body Interior Lamps - such as Dome, Courtesy, Map, Warning etc. |
| 96 | Brown | Feed, Pulse Wiper Rheostat Sw. Controlled | 158 | Black-Orange | Ground Circuit - Sw. Controlled - Body Interior Lamps - such as Dome, Courtesy, Map, Warning etc. |
| 99 | Black-White | Windshield Washer Low Fluid | 159 | Tan | Ground, Key Warning Buzzer |
| 101 | Dark Blue | Resistor Output to Blower Relay | 160 | White | Power Antenna Down |
| 102 | White | S1 Alternator - Regulator Sensing Circuit | 161 | Black | Power Antenna Up |
| 105 | Black | Ammeter - Generator | 162 | Gray | Power Top - Up |
| 106 | Gray | Ammeter - Battery | 163 | Purple | Power Top - Down |
| 107 | Dark Blue | Over Speed Warning Light | 164 | Dark Blue | Window Control LF Up |
| 111 | Black | Ground, Anti-Ski Low Air Sw. Controlled | 165 | Brown | Window Control LF Down |
| 112 | Dark Green | Telltale Temperature Gauge (Hot) | 166 | Dark Blue- White | Window Control RF Up |
| 115 | Light Blue | Speaker Return, RT rr Stereo | 167 | Tan | Window Control RF Down |
| 116 | Yellow | Speaker Return, LF rr Stereo | 168 | Dark Green | Window Control LR Up |
| 117 | Dark Green | Speaker Return, RT Frt. Stereo | 169 | Purple | Window Control LR Down |
| 118 | Gray | Speaker Return, LF Frt. Stereo | 170 | Light Green | Window Control RR Up |
| 119 | White | Generator (Alternator) to Regulator | 171 | Purple-White | Window Control RR Down |
| 120 | Purple | Electric Fuel Pump Feed | 172 | Light Green | Vent Control LF Close |
| 121 | White | Tachometer to Coil | 173 | Yellow | Vent Control LF Open |
| 125 | Yellow | Door Jamb Switch | 174 | Dark Green | Vent Control RF Close |
| 126 | Black | Seat Back Lock Feed | 175 | Purple | Vent Control RF Open |
| 130 | Brown-White | Generator (Alternator). Ext. Resist. 2 Ohms/Foot | 176 | Dark Green | Power Seat Fore |
| 131 | Black-Pink | Generator (Alternator) Ext. Resist. 1 Ohm/Foot | 177 | Yellow | Power Seat Aft or Recline |
| 132 | White | Ground, Fuel Economy Sw. Controlled, Amber Telltale | 178 | Dark Green | Power Seat - 6-Way Fore and Aft |
| 133 | Yellow | Ground, Fuel Economy Sw. Controlled, Grn. Telltale | 179 | Tan | Power Seat - 6-Way Solenoid - Rear - Up and Down |
| 135 | Dark Green White | Ground, Resistive, Temp. Gauge Sender Controlled | 180 | Light Green | Power Seat - 6-Way Solenoid - Front - Up and Down |

CIRCUIT TABULATION

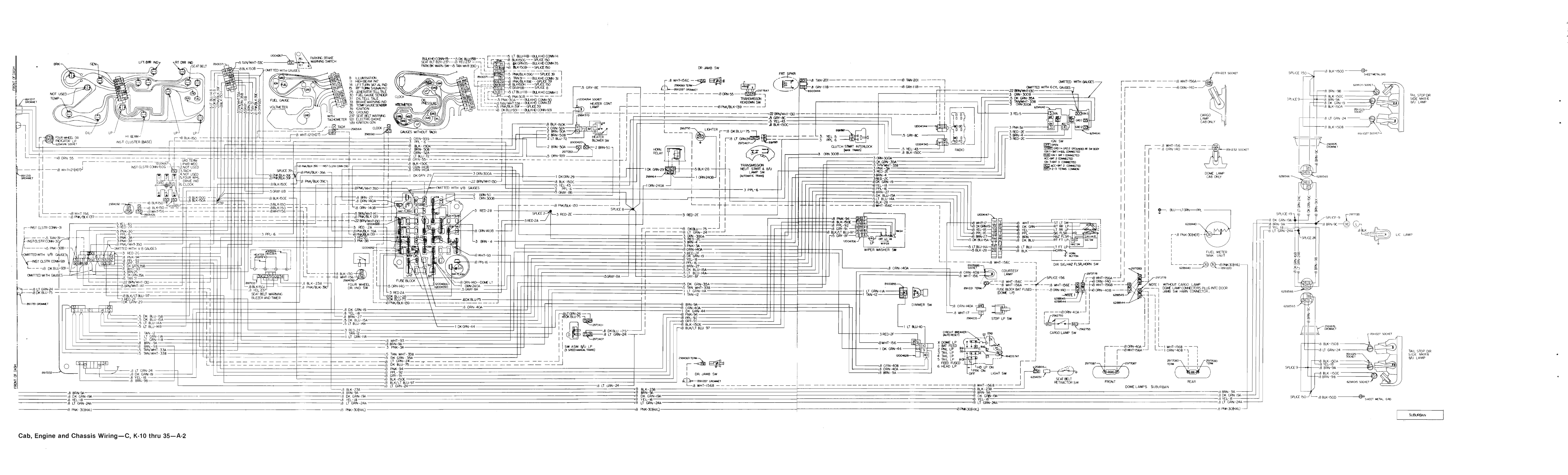
| Circuit Number | Circuit Color | Circuit Name | Circuit Number | Circuit Color | Circuit Name |
|----------------|---------------------|--|----------------|-------------------|--|
| 181 | Light Blue | Power - Solenoid - Fore and Aft | 219 | Light Green-Black | Starter Interlock Controlled Starter Feed |
| 182 | Yellow | Power Seat - 6-Way - Aft and Down | 220 | Yellow | Starter Interlock Buz and Lp Feed |
| 183 | Light Blue | Tailgate or Center Partition Window Up | 221 | Brown | Lo Level Actuation Passenger System |
| 184 | Tan-White | Tailgate or Center Partition Window Down | 222 | Dark Blue | Common Return Hi & Lo Fire Circuits Passenger |
| 185 | Tan | Vent Control LR Open | 223 | Light Blue | Bumper Sw. Actuation |
| 186 | Gray | Vent Control LR Close | 224 | Light Green | Lo Pressure Warning |
| 187 | Dark Blue | Vent Control RR Open | 225 | Purple | Warning Lamp Ground |
| 188 | Light Blue | Vent Control RR Close | 226 | Orange | Warning Lamp Sensor |
| 189 | Dark Green | Power Seat - 4-Way - Fore and Down | 227 | Tan | Recorder to Sensor Power Feed |
| 190 | Yellow | Power Seat - 4-Way - Aft and Up | 228 | Yellow | Warning Lamp Feed |
| 191 | Light Green | Power Seat - 4-Way Solenoid - Up and Down | 229 | Pink | Sensor & Bumper Sw. Power Feed |
| 192 | Purple | Defogger - Hi or Single Speed | 230 | Pink | Recorder Power Feed |
| 193 | Purple-White | Defogger - Low Speed - 0.38 Ohms per foot | 231 | Light Blue | Driver Low Level Actuation |
| 194 | Black | Electric Door Lock - Unlock | 232 | Dark Blue | Driver Return |
| 195 | Light Blue | Electric Door Lock - Lock | 233 | Dark Green | Hi Level Actuation Passenger |
| 198 | Light Green | | 234 | Tan | Ign. Sw. Cont Air Rest Feed |
| | Black | Ground, Resistive, A/C In-Car Sensor Controlled | 237 | Yellow | Feed, Belt Warn Timer Controlled (Timed 39 Ct.) |
| 199 | Brown | Rear Seat Speaker - Feed from Radio Left Stereo | 238 | Black | Seat Belt Warn System-Buzzer Ground to Belt Assy Sw. |
| 200 | Light Green | Front Speaker - Feed From Radio Single or Right Stereo | 239 | Pink-Black | Feed, Ign. Sw. "On & Crank" Controlled - Fused |
| 201 | Tan | Front Speaker - Feed from Radio - Left Stereo | 240 | Orange | Feed, Battery - Fused |
| 202 | Black | Ground, Compressor over Heat Sw. Controlled | 242 | Tan | Feed, Throttle Control Spark Valve Controlled |
| 203 | Light Blue | Rear A/C Potentiometer Feed | 243 | Black-White | Feed, Drive Selector Sw. Controlled |
| 204 | Dark Blue | Thermal Limiter Feed | 244 | Purple | Feed, LT F/D Solenoid Relay Controlled |
| 205 | White-Black | Seat Belt Seat Sensor to Belt Retractor (Grd) | 245 | Dark Blue | Feed, RT F/D Solenoid Relay Controlled |
| 206 | Dark Blue | Neutral Start Sw. to Buzzer and Lamp | 246 | Dark Green | Feed, ADL Lock Relay Coil |
| 207 | Yellow | Seat Sensor to Neutral Start Sw. (Lamp and Buzzer Grd) | 247 | Brown | Feed, to A/C Shut-Off Relay |
| 208 | Gray | Sw. Controlled Ground (TCS) | 248 | Dark Blue | Feed, to A/C Compressor Harn Relay Controlled |
| 209 | Purple | Park Brake Warning Lamp | 249 | Dark Green | Feed, From A/C Harn |
| 210 | White | Power Seat - 6-Way - Fore and Down - "A" Body | 252 | Yellow | Ground, ADL Module Unlock Output Controlled |
| 211 | Dark Blue | Power Seat - 6-Way - Aft and Up - "A" Body | 253 | Dark Brown | Ground, ADL Module Lock Output Controlled |
| 212 | Yellow-Black Stripe | LH Seat Sensor | 254 | Light Green | Ground, ADL LT Unlock Relay Coil |
| 213 | Dark Blue | Center Seat Sensor | 255 | Yellow | Ground, ADL RT Unlock Relay Coil |
| 214 | Gray | RH Seat Sensor | 256 | Dark Blue | Ground, Module Controlled, Lamp Out Indicator |
| 215 | Tan-Black | LH Sw. | 257 | Brown | Ground, A/C Press, Sw. Controlled |
| 216 | Dark Blue-White | Center Buckle Sw. (Feed) | 260 | Black | Theft Deterrent - Hood Sw. |
| 217 | Gray-White | RH Sw. | 261 | Yellow | Theft Deterrent - Alarm Arm |
| 218 | Dark Green | Interlock Relay - Ground (Provided by Electronics) | | | |

CIRCUIT TABULATION

| Circuit Number | Circuit Color | Circuit Name | Circuit Number | Circuit Color | Circuit Name |
|----------------|-------------------|---|----------------|------------------|--|
| 262 | Light Green | Theft Deterrent - Key - Door Unlock and Alarm Disarm | 618 | Yellow-Black | Feed, LT Side Trailer and Direction |
| 263 | Light Blue | Theft Deterrent - Alarm | 619 | Green-White | Feed, RT Side Trailer and Direction |
| 264 | Dark Green | Theft Deterrent - Alarm Indication | 756 | Dark Green-White | Feed, Vac Sol Controlled (For Electronic Distributor) |
| 265 | Black-White | Theft Deterrent - Alarm Output | 801 | Brown | Feed, EFI Battery Controlled, Fusible Link Protected |
| 266 | Pink | Theft Deterrent - Alarm Arm Abort | 804 | Purple | Feed, EFI, Ign. Sw. "Crank" Controlled, Fusible Link Protected |
| 267 | Dark Green | Pwr Seat - Fore and Up Recliner | 807 | Purple | Feed, EFI Battery Controlled, Fused |
| 268 | Yellow | Pwr Seat - Aft and Down Recliner | 808 | Dark Blue | Feed, EFI Module Fast Idle Valve Output and 3 Circuit Controlled - Fused |
| 269 | Light Green | Pwr Seat - Sol Up and Down Recliner | 810 | Tan | Feed, Distributor Electronics Controlled |
| 270 | Black-Yellow | Feed, Amplifier to Potentiometer Ground, Potentiometer Controlled | 811 | White | Feed, EFI Module Group Two Injector Output Controlled Fusible Link Protected |
| 271 | Purple | Feed, Potentiometer Rheostat Controlled | 812 | Pink | Feed, EFI Module Group One Injector Output Controlled Fusible Link Protected |
| 272 | Light Green | Feed, Hdlp Sw. to Amplifier, Hdlp Sw. Controlled | 813 | White | Feed, EFI Distributor Trigger and 815 Circuit Controlled, Fused |
| 273 | Yellow | Feed, Hdlp Sw. to Amplifier, Hdlp Sw. Controlled | 814 | Yellow | Feed, EFI Distributor Trigger and 815 Circuit Controlled, Fused |
| 274 | Dark Green-White | Feed, Hdlp Sw. to Amplifier | 815 | Black | Feed, EFI Module Distributor Trigger Output Controlled, Fused |
| 275 | Light Green | Feed, Neut Saf Start Sw. "Park" Controlled | 816 | Pink | Accelerator Enrichment Input #2 |
| 276 | Light Green | Recl. Mtr. Feed, Power St. Fwd. | 817 | Tan | Accelerator Enrichment Input #1 |
| 277 | Light Blue | Recl. Mtr. Feed, Power St. Recliner | 818 | Light Green | Accelerator Enrichment Sw. Supply Voltage |
| 278 | Dark Green | Amplifier to Photocell | 819 | Black-White | Closed Throttle Sw. |
| 280 | Pink | Feed, P.M. Motor Up Cycle (Deck Lid Pull Down) | 820 | Orange | Wide Open Throttle Switch |
| 281 | White | Ground, Relay Coil Down Cycle (Deck Lid Pull Down) | 821 | Dark Green | Ground, EFI Module Coolant Temp. Sensor Output Controlled |
| 291 | Dark Blue | Ground, Heated Glass Timer, On-Off Sw. Controlled | 822 | Dark Blue | Ground, Resistive, Coolant Temp. Sensor Controlled |
| 292 | Light Blue | Feed, Heated Glass Timer, On-Off Sw. Controlled | 823 | Gray | Ground, EFI Module Air Temp. Sensor Output Controlled |
| 293 | Purple-White | Feed, Heated Glass Timer Controlled | 824 | Orange | Ground, Resistive, Air Temp. Sensor Controlled |
| 294 | Tan | Door Lock Motor - Unlock | 827 | Dark Green | Feed, EFI Module Elec Fuel Pump Output Controlled - Fused |
| 295 | Gray | Door Lock Motor - Lock | 828 | Gray | Feed, EFI, Ign. Sw. "On & Crank" Controlled, Fused |
| 300 | Orange | Feed, Ign. Sw., "On" Controlled - Unfused | 831 | Brown | Feed, EFI Module EGR Solenoid Output Controlled, Fused |
| 339 | Pink-Black | Feed, Ign. Sw. On and Crank Controlled Fused | | | |
| 340 | Orange | Feed, Battery - Fused | | | |
| 350 | Pink-White | Feed, Ign. Sw. "On" Controlled - Fused | | | |
| 394 | Light Green-Black | Ground, LT F/D Remote Handle Sw. Controlled | | | |
| 395 | Light Blue | Ground, RT F/D Remote Handle Sw. Controlled | | | |
| 402 | Light Green | Feed, Electronic Cruise Control Valve | | | |
| 439 | Pink-Black | Feed Ign. Sw. "On & Crank" Controlled - Fused | | | |
| 440 | Orange | Feed, Battery - Fused | | | |



Cab, Engine and Chassis Wiring—C, K-10 thru 35—A-1



Cab, Engine and Chassis Wiring—C, K-10 thru 35—A-2

SUBURBAN

