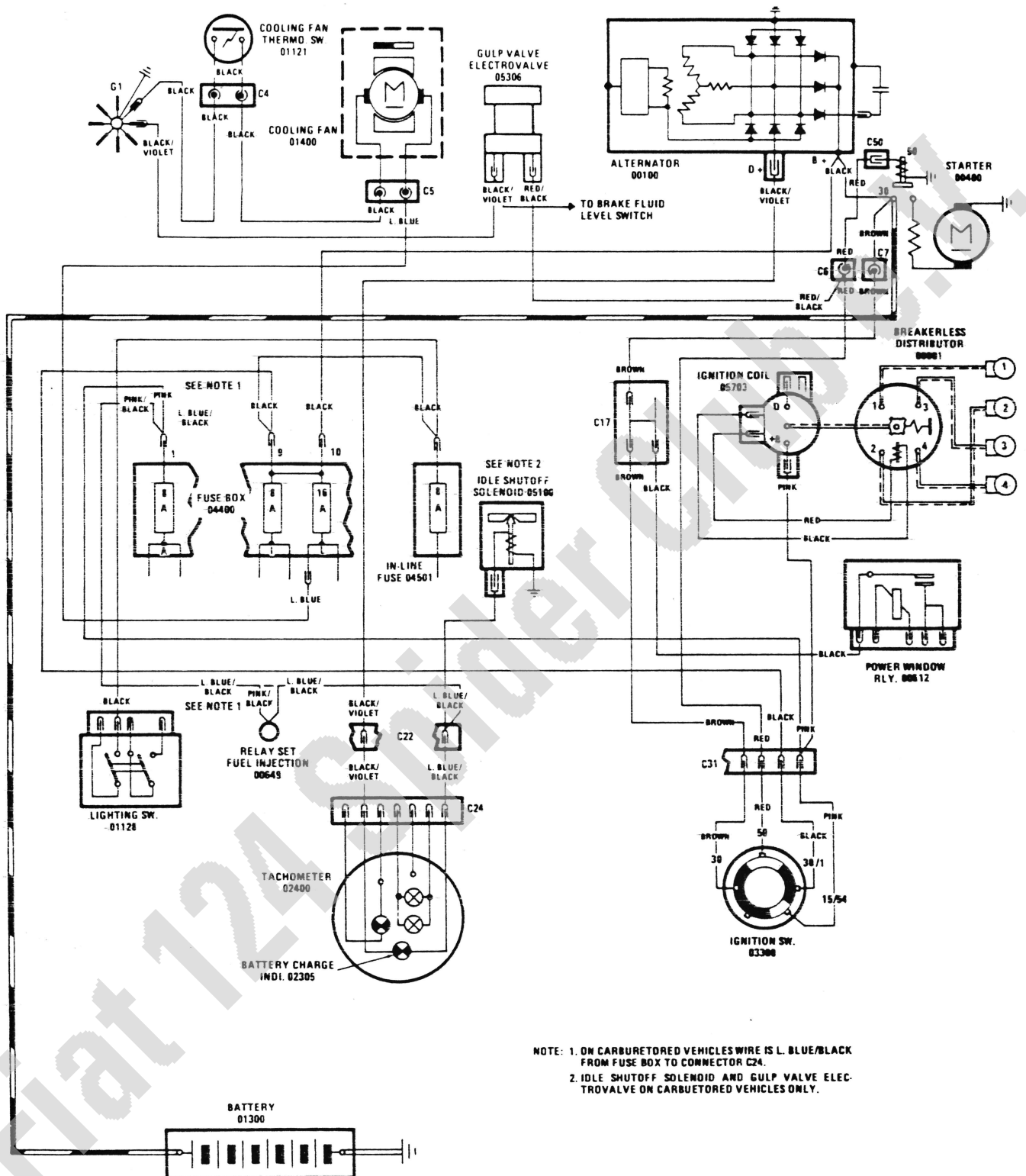


**124 SPIDER  
1980  
WIRING DIAGRAMS**

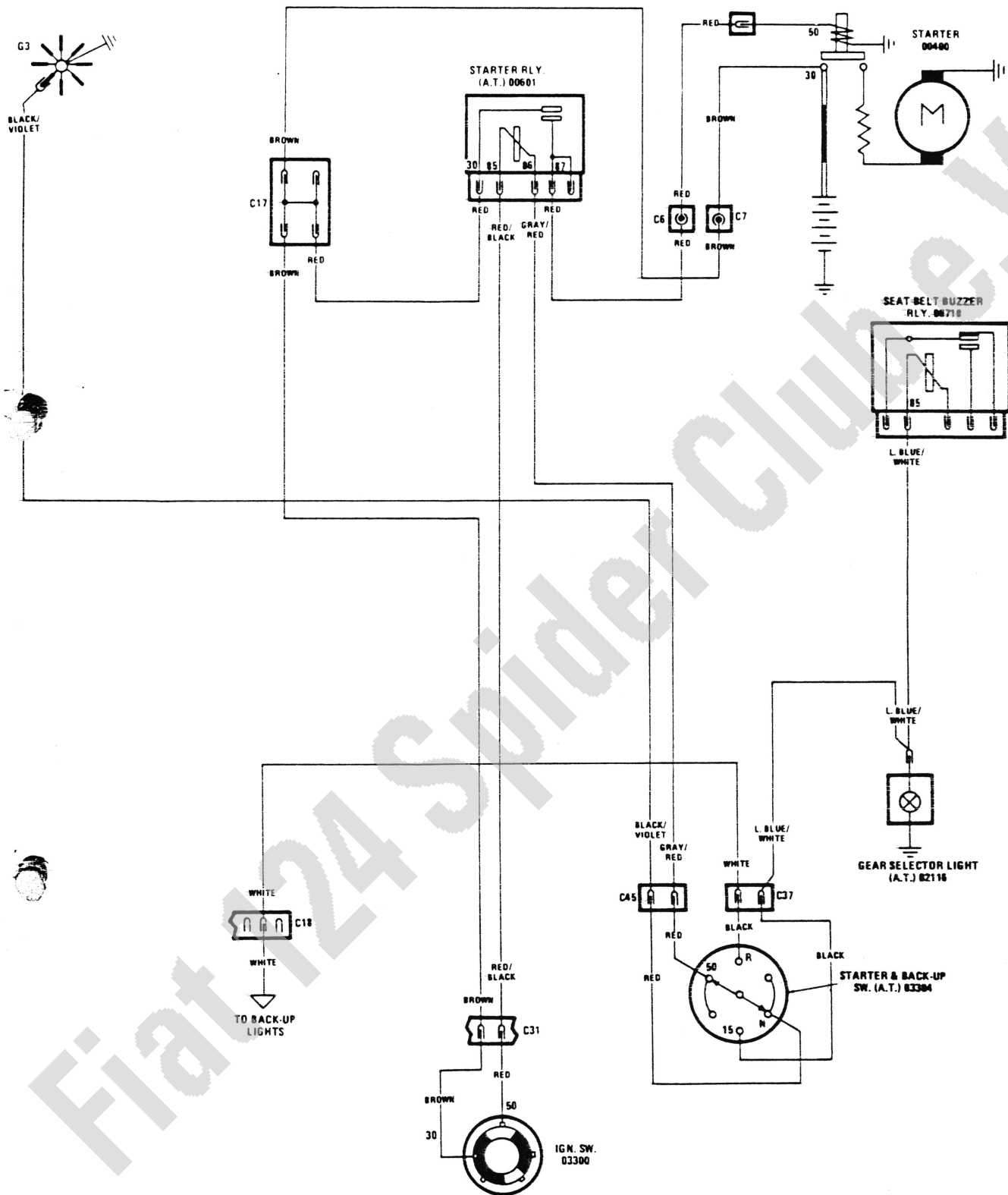
# Table of Contents

| CIRCUITS                                                                                                           | PAGE |
|--------------------------------------------------------------------------------------------------------------------|------|
| Ignition, starter, alternator, engine cooling fan, idle shutoff solenoid,<br>and power distribution circuits ..... | 1    |
| Starter circuit — automatic transmission .....                                                                     | 2    |
| High and low beams circuits .....                                                                                  | 3    |
| Parking, license plate, side marker, and panel lights circuits .....                                               | 4    |
| Hazard and turn signal, back-up, and stop lights circuits .....                                                    | 5    |
| Instruments, indicators, seat belt and remove key warning, courtesy light, clock,<br>and socket circuits .....     | 6    |
| Windshield washer/wiper, heater, horn, and cigarette lighter circuits .....                                        | 7    |
| Power windows and radio circuits .....                                                                             | 8    |
| Fuel injection system circuits .....                                                                               | 9/10 |
| Component Index .....                                                                                              | 11   |
| Connector Code .....                                                                                               | 12   |
| Component Board .....                                                                                              | 13   |

# Ignition, Starter, Alternator, Engine Cooling Fan, Idle Shutoff Solenoid, and Power Distribution Circuits

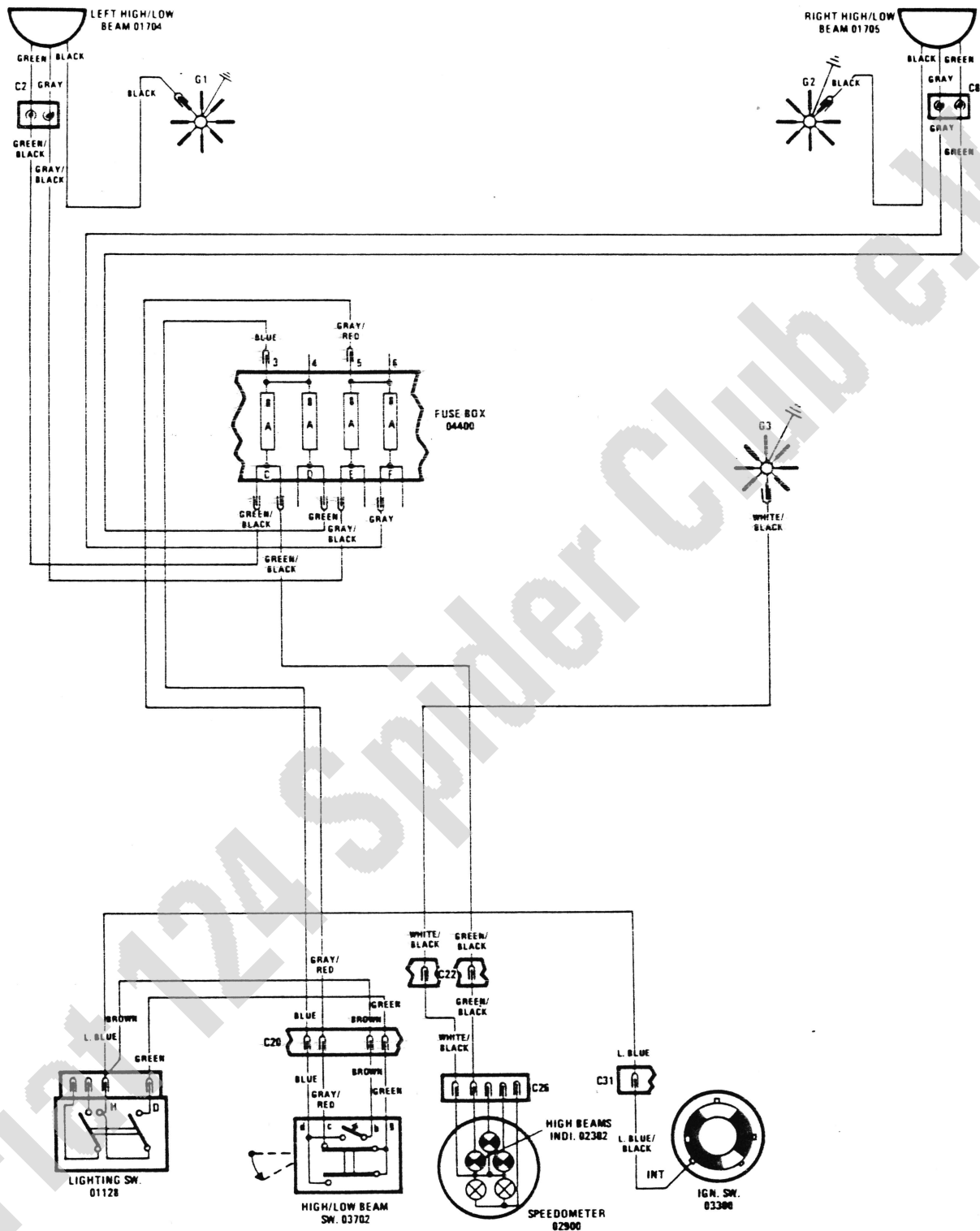


# Starter Circuit – Automatic Transmission

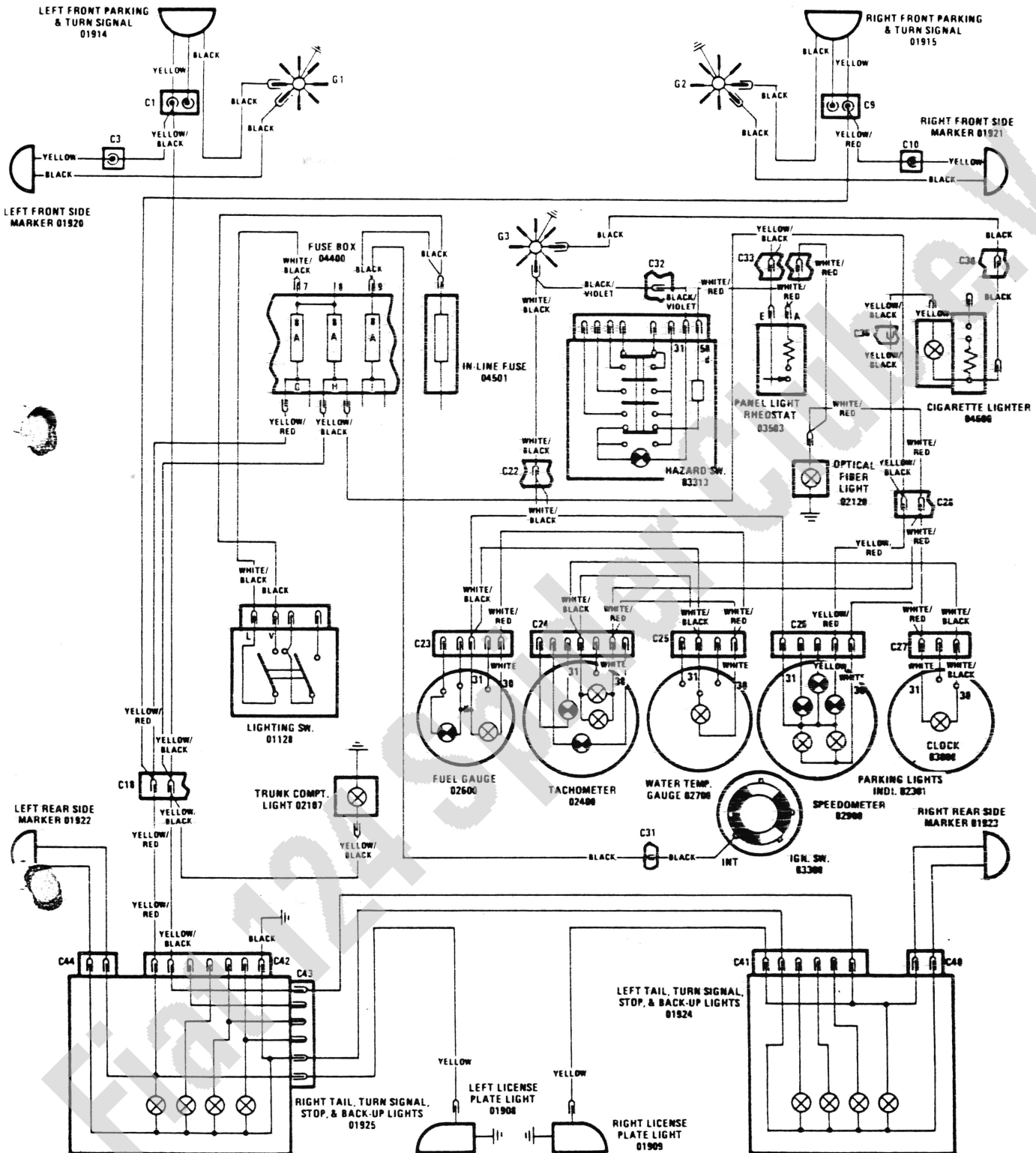




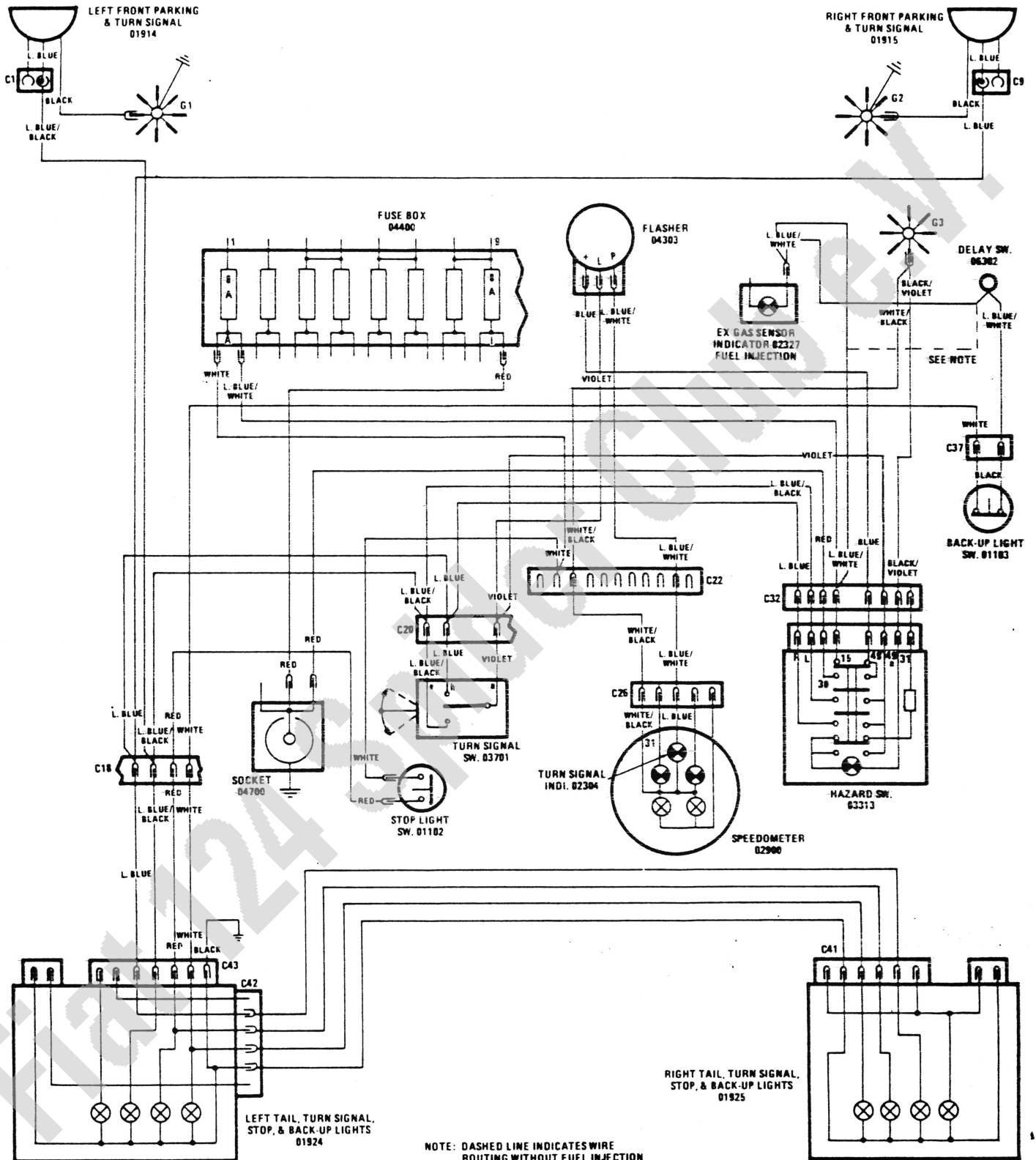
## High and Low Beams Circuits



# Parking, License Plate, Side Marker, and Panel Lights

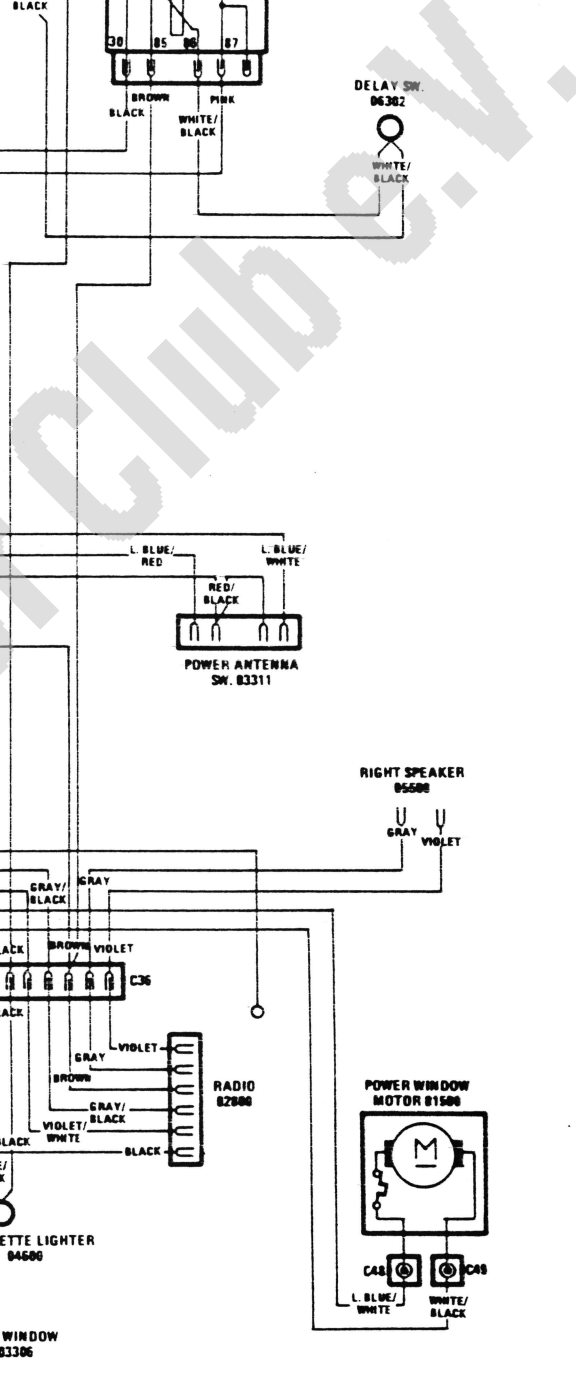


# Hazard and Turn Signal, Back-Up, and Stop Lights Circuits

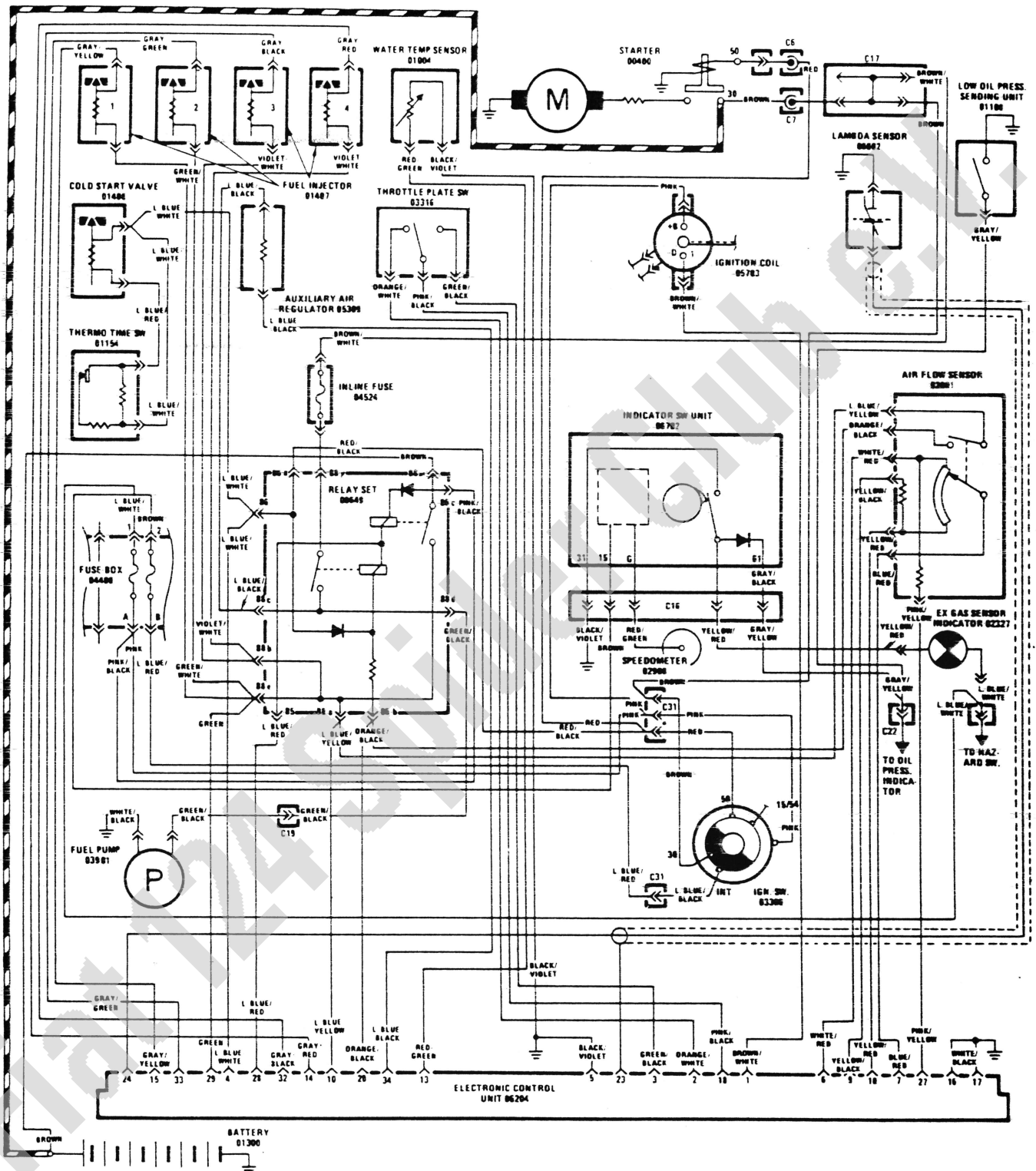








# Fuel injection system circuits





# Component Index

|       |                                                           |       |                                                              |
|-------|-----------------------------------------------------------|-------|--------------------------------------------------------------|
| 00100 | Alternator w/electronic regulator                         | 02302 | High beams indicator                                         |
| 00400 | Starter                                                   | 02304 | Turn signal indicator                                        |
| 00601 | Starter relay (automatic transmission)                    | 02305 | Battery charge indicator                                     |
| 00612 | Power windows relay                                       | 02307 | Low oil pressure indicator                                   |
| 00605 | Horn relay                                                | 02309 | Low fuel indicator                                           |
| 00710 | Seat belt buzzer relay                                    | 02310 | Brake system effectiveness indicator                         |
| 00801 | Brakerless ignition distributor                           | 02313 | Fasten seat belts indicator                                  |
| 01000 | Engine water temperature gauge sending unit               | 02400 | Tachometer                                                   |
| 01100 | Low oil pressure indicator sending switch                 | 02600 | Fuel gauge                                                   |
| 01102 | Stop light switch                                         | 02700 | Engine water temperature gauge                               |
| 01103 | Back-up light switch                                      | 02800 | Radio                                                        |
| 01105 | Heater fan switch                                         | 02900 | Speedometer                                                  |
| 01117 | Switch on driver's seat belt                              | 03000 | Clock                                                        |
| 01121 | Cooling fan thermostatic switch                           | 03300 | Steering lock ignition switch                                |
| 01125 | Engine overheat warning switch                            | 03302 | Windshield wipers speed switch                               |
| 01128 | Lighting switch                                           | 03304 | Starter and back-up light switch<br>(automatic transmission) |
| 01140 | Hand brake "ON" switch                                    | 03305 | Power window switch                                          |
| 01300 | Battery                                                   | 03306 | Power window switch                                          |
| 01400 | Cooling fan motor                                         | 03311 | Power antenna switch                                         |
| 01401 | Heater fan motor                                          | 03313 | Hazard warning signal switch and indicator                   |
| 01500 | Power window motor                                        | 03503 | Ideogram light rheostat                                      |
| 01501 | Power window motor                                        | 03701 | Turn signal switch                                           |
| 01504 | Antenna motor                                             | 03702 | High/low beams changeover switch                             |
| 01505 | Windshield wiper motor                                    | 03703 | Wiper/washer switch                                          |
| 01704 | Left low beam                                             | 03800 | Windshield wiper intermittent switch                         |
| 01705 | Right low beam                                            | 03900 | Windshield washer pump                                       |
| 01908 | Left license plate light                                  | 04200 | Fuel gauge sending unit                                      |
| 01909 | Right license plate light                                 | 04303 | Turn signal and hazard flasher                               |
| 01914 | Left front parking and turn signal light                  | 04400 | Fuse box                                                     |
| 01915 | Right front parking and turn signal light                 | 04501 | In-line fuse for cigarette lighter                           |
| 01920 | Left front side marker light                              | 04600 | Cigarette lighter                                            |
| 01921 | Right front side marker light                             | 04700 | Electrical sockets                                           |
| 01922 | Left rear side marker light                               | 04801 | Water temperature gauge indicator resistor                   |
| 01923 | Right rear side marker light                              | 05001 | Brake fluid level switch                                     |
| 01924 | Left tail, turn signal, stop and back-up light            | 05005 | Fasten seat belts and remove key chime                       |
| 01925 | Right tail, turn signal, stop and back-up light           | 05100 | Idle shutoff solenoid                                        |
| 02102 | Passenger compartment light — with switch<br>on dashboard | 05306 | Gulp valve electrovalve                                      |
| 02107 | Trunk compartment light                                   | 05500 | Right radio speaker                                          |
| 02120 | Optical fiber illumination light source                   | 05501 | Left radio speaker                                           |
| 02212 | Courtesy light jamb switch — right door                   | 05703 | Ignition coil assembly                                       |
| 02213 | Courtesy light jamb switch — left door                    | 05901 | Right horn                                                   |
| 02215 | Horn button                                               | 05902 | Left horn                                                    |
| 02301 | Parking lights indicator                                  | 06302 | Delay switch — seat belt indicator                           |

## FUEL INJECTION SYSTEM

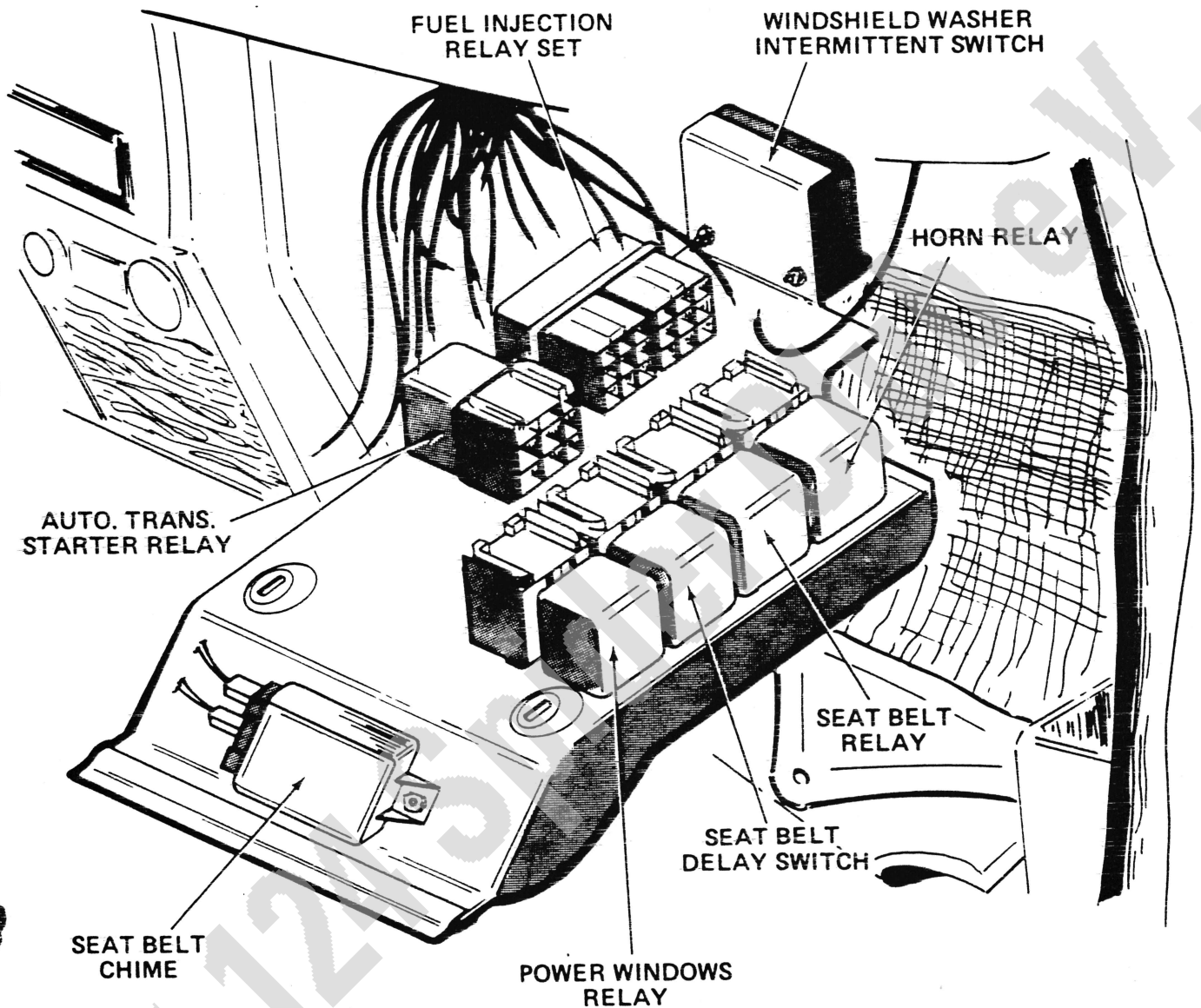
|       |                                     |       |                                       |
|-------|-------------------------------------|-------|---------------------------------------|
| 00649 | Relay set                           | 03316 | Throttle plate switch                 |
| 01004 | Coolant temperature sensor          | 03901 | Electrical fuel pump                  |
| 01154 | Thermo time switch                  | 04524 | In-line fuse for fuel injection (16A) |
| 01407 | Fuel injector                       | 05309 | Auxiliary air regulator               |
| 01408 | Cold start valve                    | 06204 | Electronic control unit               |
| 02327 | Lambda sensor maintenance indicator | 06602 | Lambda sensor                         |
| 02601 | Air flow sensor                     | 06702 | Lambda sensor indicator switch unit   |



# Connector Codes

| CONNECTOR<br>NUMBER | NO. OF<br>PINS | CIRCUITS                                                                                                              |
|---------------------|----------------|-----------------------------------------------------------------------------------------------------------------------|
| C1                  | 2              | Paring and turn signal — left front parking lights                                                                    |
| C2                  | 2              | High/low beams — left front headlights                                                                                |
| C3                  | 1              | Power for left front side marker light                                                                                |
| C4                  | 2              | Cooling fan thermostatic switch                                                                                       |
| C5                  | 2              | Cooling fan                                                                                                           |
| C6                  | 1              | Power to starter solenoid and gulp valve electrovalve (carburetor version)                                            |
| C7                  | 1              | Power to starter motor                                                                                                |
| C8                  | 2              | High/low beams — right front headlights                                                                               |
| C9                  | 2              | Parking and turn signal — right front turn signal                                                                     |
| C10                 | 1              | Power for right front side marker light                                                                               |
| C11                 | 2              | Windshield washer pump                                                                                                |
| C12                 | 4              | Windshield wiper intermittent switch                                                                                  |
| C13                 | 2              | Windshield wiper motor                                                                                                |
| C14                 | 2              |                                                                                                                       |
| C15                 | 2              |                                                                                                                       |
| C16                 | 5              | Lambda sensor indicator switch unit                                                                                   |
| C17                 | 4              | Power distribution connector                                                                                          |
| C18                 | 11             | Rear lights, driver's seat belt switch, power antenna motor, fuel tank sending unit, and trunk compartment light      |
| C19                 | 1              | Power to electric fuel pump (fuel injection version)                                                                  |
| C20                 | 8              | Turn signal switch, high/low beam switch, and horn button                                                             |
| C21                 | 6              | Horn button and windshield washer/wiper switch                                                                        |
| C22                 | 11             | Instrument cluster                                                                                                    |
| C23                 | 5              |                                                                                                                       |
| C24                 | 7              |                                                                                                                       |
| C25                 | 4              |                                                                                                                       |
| C26                 | 5              |                                                                                                                       |
| C27                 | 3              |                                                                                                                       |
| C28                 | 3              | Windshield washer switch                                                                                              |
| C29                 | 1              |                                                                                                                       |
| C30                 | 2              |                                                                                                                       |
| C31                 | 5              | Remove key switch at ignition switch                                                                                  |
| C32                 | 7              | Ignition switch                                                                                                       |
| C33                 | 7              | Hazard switch                                                                                                         |
| C34                 | 7              | Windshield wiper speed switch, panel light rheostat, brake system effectiveness indicator, and fasten belts indicator |
| C35                 | 3              | Heater motor                                                                                                          |
| C36                 | 8              | Power windows and courtesy light                                                                                      |
| C37                 | 8              | Radio, and cigarette lighter                                                                                          |
| C38                 | 2              | Back-up light switch                                                                                                  |
| C39                 | 1              | Cigarette lighter                                                                                                     |
| C40                 | 1              |                                                                                                                       |
| C41                 | 2              | Right rear parking and side marker lights                                                                             |
| C42                 | 6              |                                                                                                                       |
| C43                 | 6              | Connector for right rear lights at left rear parking light                                                            |
| C44                 | 7              | Left rear parking and side marker lights                                                                              |
| C45                 | 2              |                                                                                                                       |
| C46                 | 2              | Starter and back-up light switch (Auto. Trans)                                                                        |
| C47                 | 1              | Left power window motor                                                                                               |
| C48                 | 1              |                                                                                                                       |
| C49                 | 1              | Right power window motor                                                                                              |

# Component Board



# Connector Codes

| CONNECTOR<br>NUMBER | NO. OF<br>PINS | CIRCUITS                                                                                                              |
|---------------------|----------------|-----------------------------------------------------------------------------------------------------------------------|
| C1                  | 2              | Parking and turn signal — left front parking lights                                                                   |
| C2                  | 2              | High/low beams — left front headlights                                                                                |
| C3                  | 1              | Power for left front side marker light                                                                                |
| C4                  | 2              | Cooling fan thermostatic switch                                                                                       |
| C5                  | 2              | Cooling fan                                                                                                           |
| C6                  | 1              | Power to starter solenoid and gulp valve electrovalve (carburetor version)                                            |
| C7                  | 1              | Power to starter motor                                                                                                |
| C8                  | 2              | High/low beams — right front headlights                                                                               |
| C9                  | 2              | Parking and turn signal — right front turn signal                                                                     |
| C10                 | 1              | Power for right front side marker light                                                                               |
| C11                 | 2              | Windshield washer pump                                                                                                |
| C12                 | 4              | Windshield wiper intermittent switch                                                                                  |
| C13                 | 2              | Windshield wiper motor                                                                                                |
| C14                 | 2              |                                                                                                                       |
| C15                 | 2              |                                                                                                                       |
| C16                 | 5              | Lambda sensor indicator switch unit                                                                                   |
| C17                 | 4              | Power distribution connector                                                                                          |
| C18                 | 11             | Rear lights, driver's seat belt switch, power antenna motor, fuel tank sending unit, and trunk compartment light      |
| C19                 | 1              | Power to electric fuel pump (fuel injection version)                                                                  |
| C20                 | 8              | Turn signal switch, high/low beam switch, and horn button                                                             |
| C21                 | 6              | Horn button and windshield washer/wiper switch                                                                        |
| C22                 | 11             | Instrument cluster                                                                                                    |
| C23                 | 5              |                                                                                                                       |
| C24                 | 7              |                                                                                                                       |
| C25                 | 4              |                                                                                                                       |
| C26                 | 5              |                                                                                                                       |
| C27                 | 3              | Windshield washer switch                                                                                              |
| C28                 | 3              |                                                                                                                       |
| C29                 | 1              | Remove key switch at ignition switch                                                                                  |
| C30                 | 2              | Ignition switch                                                                                                       |
| C31                 | 5              | Hazard switch                                                                                                         |
| C32                 | 7              | Windshield wiper speed switch, panel light rheostat, brake system effectiveness indicator, and fasten belts indicator |
| C33                 | 7              | Heater motor                                                                                                          |
| C34                 | 3              | Power windows and courtesy light                                                                                      |
| C35                 | 8              | Radio, and cigarette lighter                                                                                          |
| C36                 | 8              | Back-up light switch                                                                                                  |
| C37                 | 2              | Cigarette lighter                                                                                                     |
| C38                 | 1              |                                                                                                                       |
| C39                 | 1              | Right rear parking and side marker lights                                                                             |
| C40                 | 2              |                                                                                                                       |
| C41                 | 6              | Connector for right rear lights at left rear parking light                                                            |
| C42                 | 6              | Left rear parking and side marker lights                                                                              |
| C43                 | 7              |                                                                                                                       |
| C44                 | 2              | Starter and back-up light switch (Auto. Trans)                                                                        |
| C45                 | 2              | Left power window motor                                                                                               |
| C46                 | 1              |                                                                                                                       |
| C47                 | 1              | Right power window motor                                                                                              |
| C48                 | 1              |                                                                                                                       |
| C49                 | 1              |                                                                                                                       |

# Component Board

