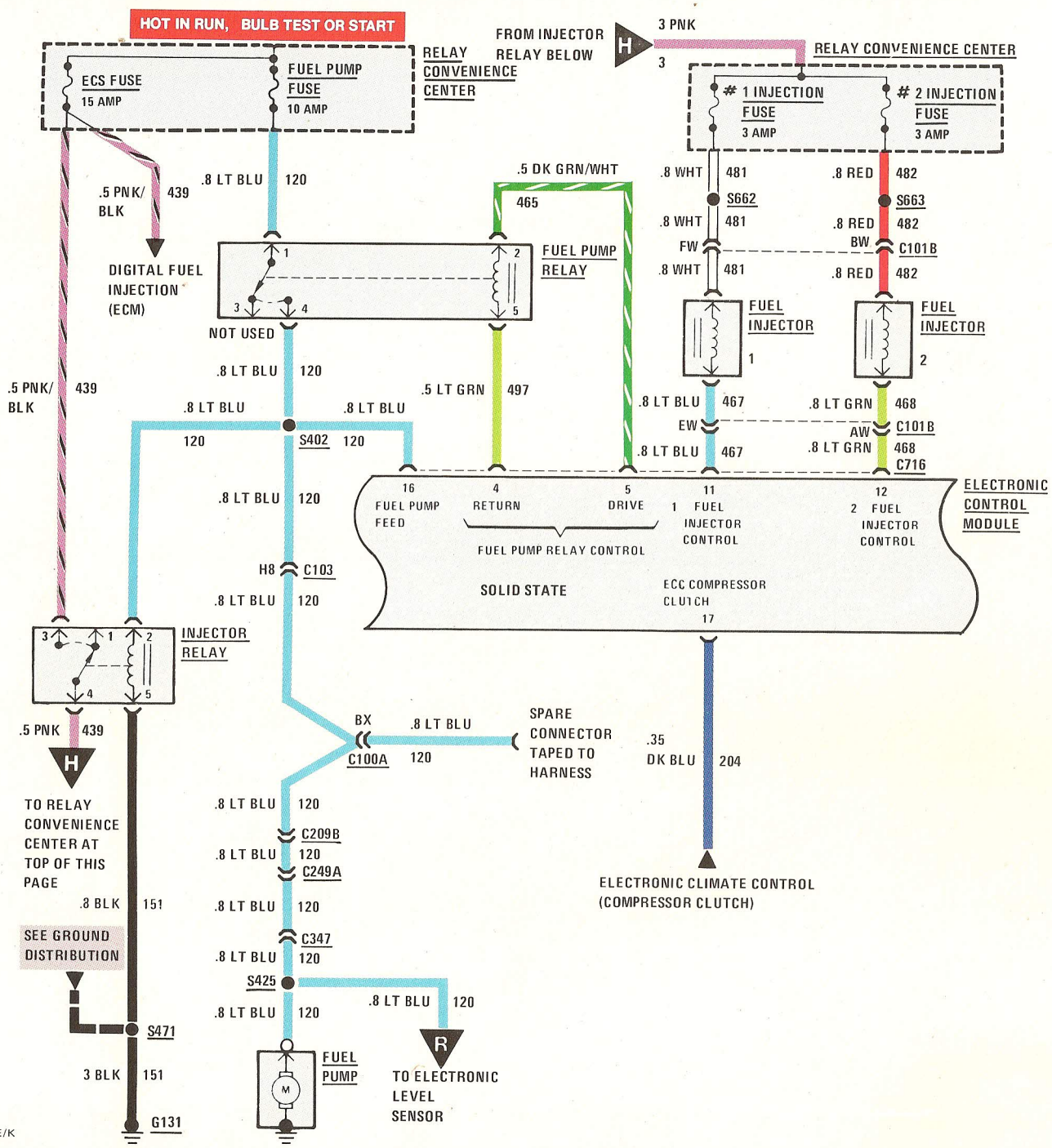

HOT IN RUN, BULB TEST OR START
RELAY CONVENIENCE CENTER
ECS FUSE
15 AMP
FUEL PUMP FUSE
10 AMP
FROM INJECTOR RELAY BELOW
H
3 PNK
3
RELAY CONVENIENCE CENTER
1 INJECTION FUSE
3 AMP
2 INJECTION FUSE
3 AMP
.5 PNK/BLK
439
.8 LT BLU
120
.5 DK GRN/WHT
465
.8 WHT
481
S662
.8 RED
482
S663
FW
BW
C101B
DIGITAL FUEL INJECTION (ECM)
FUEL PUMP RELAY
NOT USED
FUEL INJECTOR
1
2
.5 LT GRN
497
.8 LT BLU
467
.8 LT GRN
468
EW
AW
C716
S402
ELECTRONIC CONTROL MODULE
16 FUEL PUMP FEED
4 RETURN
5 DRIVE
11 1 FUEL INJECTOR CONTROL
12 2 FUEL INJECTOR CONTROL
FUEL PUMP RELAY CONTROL
SOLID STATE
ECC COMPRESSOR CLUTCH
17
H8
C103
INJECTOR RELAY
.5 PNK
BX
C100A
SPARE CONNECTOR TAPED TO HARNESS
.35 DK BLU
204
TO RELAY CONVENIENCE CENTER AT TOP OF THIS PAGE
C209B
C249A
.8 BLK
151
C347
SEE GROUND DISTRIBUTION
S425
S471
3 BLK
G131
FUEL PUMP
M
R
TO ELECTRONIC LEVEL SENSOR
ELECTRONIC CLIMATE CONTROL (COMPRESSOR CLUTCH)
E/K

SEE SECTION 6C OF CHASSIS SERVICE MANUAL FOR DETAILED DIAGNOSTIC PROCEDURES

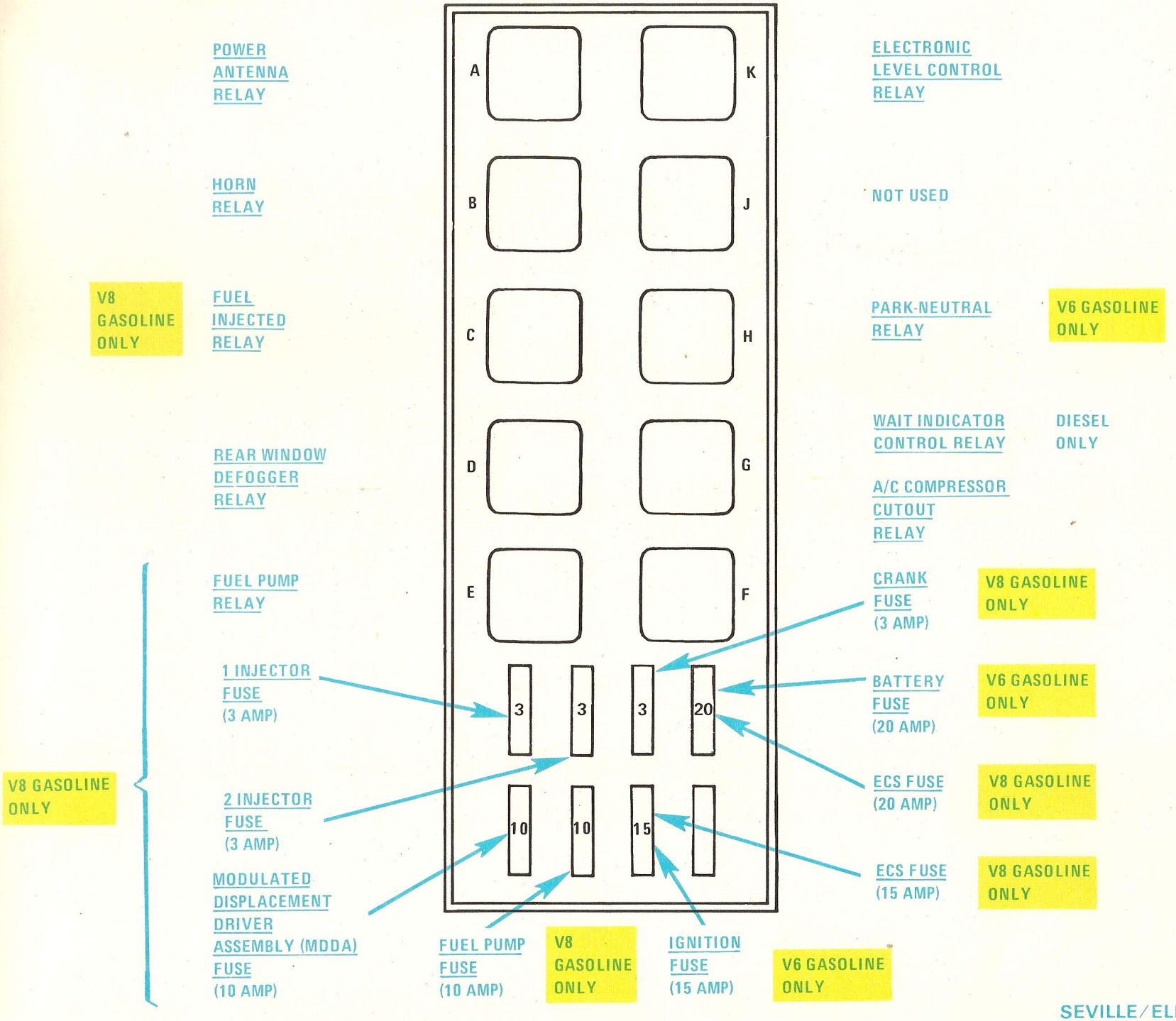
CIRCUIT OPERATION

Fuel Control

The fuel delivery system consists of two FUEL INJECTORS, the FUEL PUMP RELAY, the INJECTOR RELAY, and the FUEL PUMP. The ELECTRONIC CONTROL MODULE (ECM) controls all of these components. The ECM also controls the timing and the amount of fuel injected into the engine.

With the IGNITION SWITCH in "Run," "Bulb Test," or "Start," current flows through terminal 5 of the ECM and terminals 2 and 5 of the FUEL PUMP RELAY coil to terminal 4 of the ECM. The FUEL PUMP RELAY contacts close, and current flows to the INJECTOR RELAY coil and FUEL PUMP. The INJECTOR RELAY contacts close, and current is available to operate the FUEL INJECTORS through the INJECTION FUSES. If the ECM does not receive the crank signal within one second after the IGNITION SWITCH is placed in "Run," the FUEL PUMP is turned off. (The crank signal is shown in the Ignition/ECM Power section.)

COMPONENT LOCATION

		Page-Figure
Electronic Control Module	Behind RH side of I/P, below glove box	41-4
Fuel Injector #1	Top of carburetor	38-3
Fuel Injector #2	Top of carburetor	38-3
Fuel Pump	In fuel tank	
Fuel Pump Relay	At relay convenience center	5-1
Injector Relay	At relay convenience center	5-1
Relay Convenience Center	Under LH side of I/P, near fuse block	5-1
C100A (20 cavities)	RH half of LH bulkhead connector	71-1
C101B (20 cavities)	LH half of center bulkhead connector	31-1
C103 (44 cavities)	Behind LH side of I/P, above steering column	38-4
C209B (7 cavities)	Connected to LH side of fuse block	31-5
C249A (6 cavities)	LH side of trunk, behind wheel well	101-1
C347 (8 cavities)	Rear of car, below fuel tank	98-1
G131	Behind I/P, to left of steering column	38-4
S402	I/P harness	
S425	Fuel tank harness	
S471	I/P harness, below twilight sentinel photocell assembly	38-4
S662	I/P harness	
S663	I/P harness	

RELAY CONVENIENCE CENTER