

TOYOTA

**ELECTRICAL WIRING
DIAGRAM**

For U.S.A. & Canada

1977 MODEL

 **TOYOTA MOTOR SALES CO., LTD.**

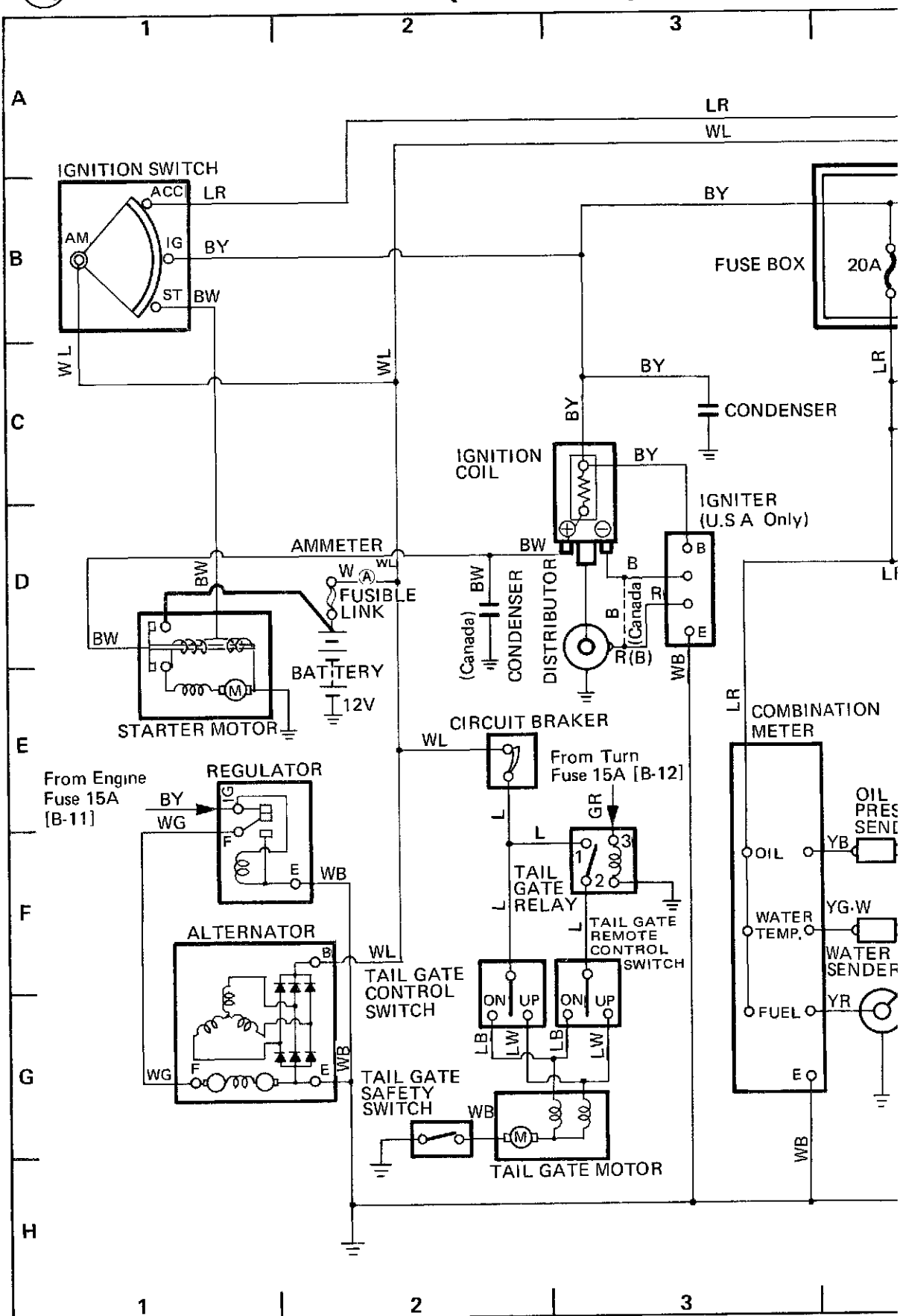
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 LAND CRUISER (FJ 55 LG) ELECTRICAL WIRING DIAGRAM (For U.S.A. & CANADA) – 1977 Model

GRID LOCATION			COMPONENTS	GRID LOCATION			COMPONENTS
FIG 1	FIG 2	FIG 3		FIG 1	FIG 2	FIG 3	
F 1	H 2	A	ALTERNATOR (CANADA)	G 12	H 14	I	TAIL, LH
F 1	C 2	B	ALTERNATOR (U S A)	G 12	A 14	J	TAIL, RH
D 2	F 8	E	AMMETER	G 8	H 1	A	TURN SIGNAL, FRONT LH
C 15	—	D	ANTENNA (OPT)	G 8	A 1	B	TURN SIGNAL FRONT RH
E 2	A 2	B	BATTERY	H 9	H 14	I	TURN SIGNAL, REAR, LH
D 14	C 8	F	CIGARETTE LIGHTER (OPT)	H 9	A-14	J	TURN SIGNAL, REAR RH
E 2	F 10	E	CIRCUIT BREAKER	G 8	E 7	E	TURN SIGNAL, INDICATOR, LH
E 3	G 9	E	COMBINATION METER	G 8	E 7	E	TURN SIGNAL INDICATOR, RH
D 9	H 6	E	COOLING FAN CONTROL TIMER				MOTORS
E 3	D 3	B	DISTRIBUTOR	F-9	G 2	A	ELECTRIC COOLING FAN
			EMISSION CONTROL SYSTEM (For California)	D 4	A 5	D	HEATER BLOWER FRONT
E 11	C 6	E	EMISSION CONTROL COMPUTER	E 5	C 11	F	HEATER BLOWER REAR (OPT)
G 11	E 6	E	FULL THROTTLE SWITCH	E 1	C 2	D	STARTER
G-11	D 8	E	SPEED SENSOR	F 3	H 12	I-J	TAIL GATE
G 11	H-4	C	THERMO SWITCH for Coolant Temp	C 16	B 3	D	WINDSHIELD WASHER
C 11	F 3 F 4	C	VACUUM SWITCHING VALVE	G 15	A 7	F	WINDSHIELD WIPER
			EMISSION CONTROL SYSTEM (Except Canada & California)	F 3	F 9	E	OIL PRESSURE GAUGE
E 10	C 6	E	EMISSION CONTROL COMPUTER	F 4	D 2	D	OIL PRESSURE SENDER
G 10	D 8	E	SPEED SENSOR	D 15	A 9	F	RADIO (OPT)
E 10	E 3	F	TOP SWITCH	E 1	F 1	A	REGULATOR
D 10	F 3	A	VSV (TCS)				RELAYS
D 10	F 3	A	VSV (TP)	F 5	E 5	D	FRONT DRIVE (OPT)
			FLASHER TURN SIGNAL & HAZARD	D 7	H 3	C	HORN
C 12	F 4	C	FUEL CUT SOLENOID	F 3	H 10	E	TAIL GATE
G-3	F 9	E	FUEL GAUGE				SEAT BELT SYSTEM
G 4	D 13	G H	FUEL SENDER	G 6	B 5	E	DRIVER BUCKLE SWITCH
B 3	F 6	E	FUSE BOX	G 6	D 6	E	SEAT BELT WARNING BUZZER
C 9	H-7	E	FUSE EXTERNAL (For Cooling Fan, 5A)	G 7	H 7	E	SEAT BELT WARNING LIGHT
D 2	A 3	B	FUSIBLE LINK	F 6	H 5	E	SEAT BELT WARNING RELAY
E 7	F 2	A	HORN LO HI	E 15	D 12	H	SPEAKER (OPT)
D 3	B 3	D	IGNITER (For U S A)				SWITCHES
C 2	A 4 B 4	D	IGNITION COIL	D-6	E 3	F	BACK UP LIGHT
F 14	C 1	B	INSPECTION LIGHT SOCKET	E 6	F 4	C	BRAKE WARNING
			LIGHTS	E 13	C 5	E	DIMMER
G 6	F 14	I	BACK UP, LH	F 5	E 5	E	FRONT DRIVE (OPT)
G 6	D 14	J	BACK UP, RH	E-6	E 1	F	FRONT DRIVE INDICATOR LIGHT
D-6	H 7	E	BRAKE WARNING	C 8	A 10	E	HAZARD WARNING
E 13	G 9	E	COMBINATION METER PILOT	E 4	D 8	E	HEATER BLOWER FRONT
F 5	E 5	E	FRONT DRIVE INDICATOR (OPT)	D 5	C 10	F	HEATER BLOWER REAR (OPT)
G 13	G 1	A	HEADLIGHT, LH	E 7	C 5	E	HORN
G 14	A 1	B	HEADLIGHT RH	B 1	D 6	E	IGNITION
F 13	B 12	E	HEATER CONTROL INDICATOR	E 14	H 8	E F	INTERIOR LIGHT
F 14	E 7	E	HIGH BEAM INDICATOR	C 12	G-8	E	LIGHT CONTROL
E 15	H-8	E F	INTERIOR	D 6	D-8	E	PARKING BRAKE
D 12	F 13	I J	LICENSE PLATE, LH RH	D 7	D 9	E	STOP LIGHT
D 13	G 8	E	LIGHT CONTROL SWITCH	G 2	G 12	J	TAIL GATE CONTROL
E 12	H 2	A	MARKER, FRONT SIDE, LH	G 2	F 11	E F	TAIL GATE REMOTE CONTROL
E 12	A 2	B	MARKER FRONT SIDE, RH	G 2	E 11	I	TAIL GATE SAFETY
F 12	H 13	I	MARKER, REAR SIDE, LH	D 5	E 2	F	TRANSFER INDICATOR (OPT)
F 12	A 13	J	MAKER, REAR SIDE, RH	E 8	D-5	E	TURN SIGNAL
E 12	H 2	A	PARKING FRONT, LH	D 9	H 5	C	WATER TEMPERATURE SWITCH
E 12	A 2	B	PARKING, FRONT, RH	D 15	B 11	E	WINDSHIELD WIPER AND WASHER
E 13	E-8	E	SPEED METER PILOT	G-4	D 5	D	VACUUM SWITCHING SOLENOID (OPT)
H 9	H 14	I	STOP, LH	F 3	F 9	E	WATER TEMPERATURE GAUGE
H 9	A 14	J	STOP, RH	F 4	F 5	C	WATER TEMPERATURE SENDER (Exc Canada & Calif)
				F 4	G 4	C	WATER TEMPERATURE SENDER (Canada)
				F-4	H 4	C	WATER TEMPERATURE SENDER (Calif)

LAND CRUISER (FJ 55LG) ELECTRICAL

FIG. 1

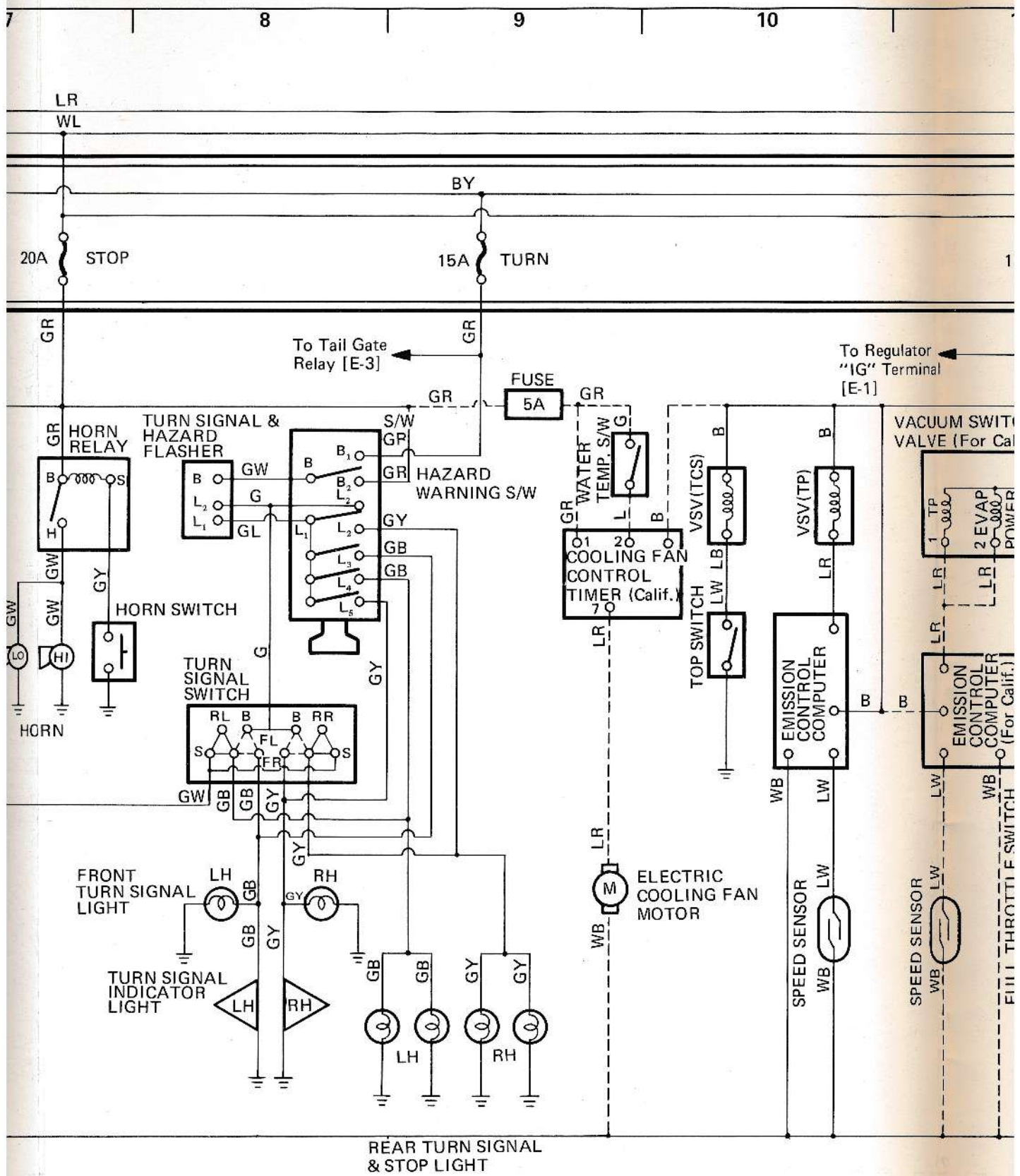


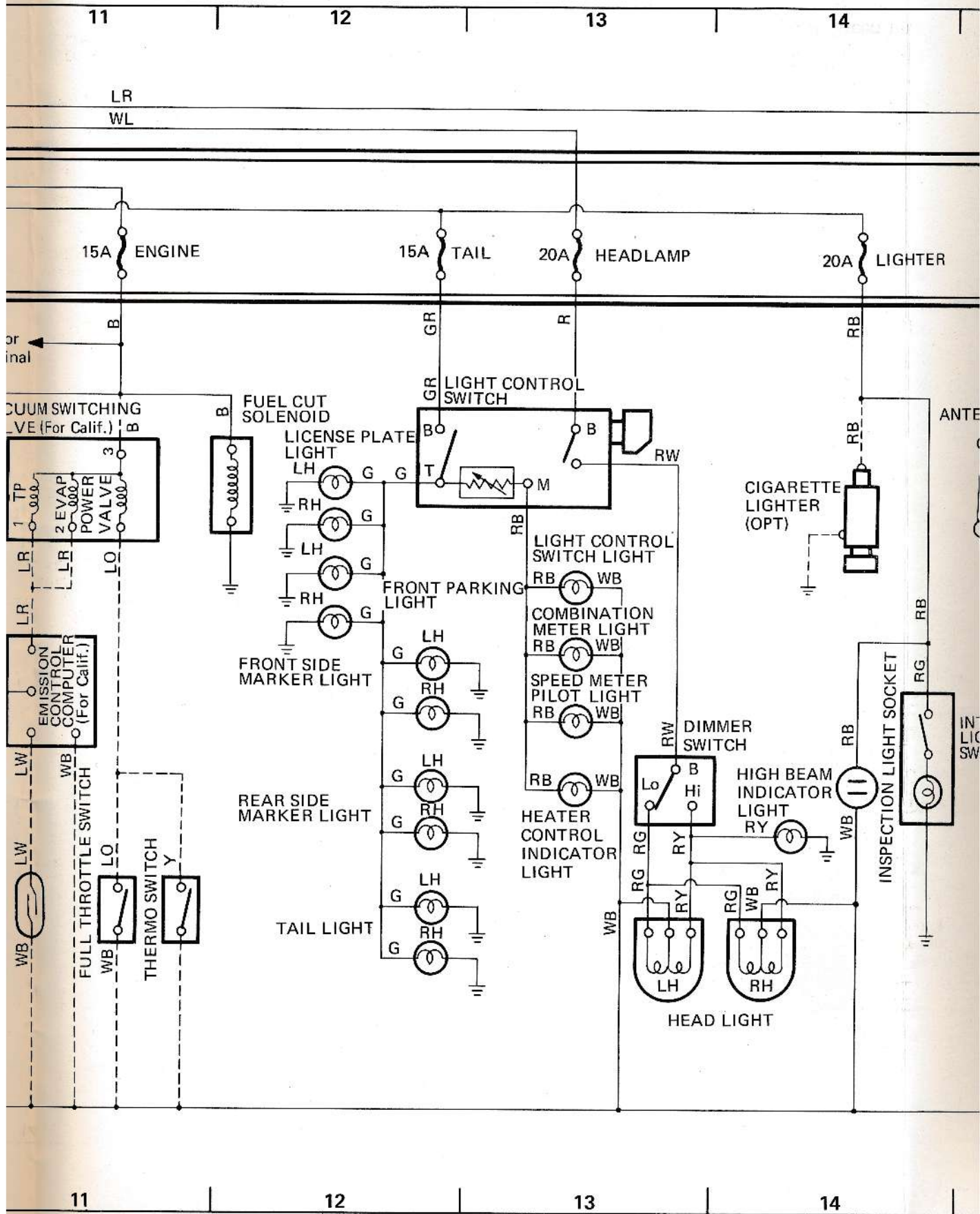
The diagram illustrates the electrical system layout, organized into columns 4, 5, 6, and 7. Key components and their connections include:

- Power Source:** A battery at the top provides power to the system.
- Heating System:** Includes a 20A HEATER and HEATER BLOWER MOTORS (FRONT and REAR) with their respective switches.
- Engine Sensors:** OIL PRESSURE SENDER (YB), WATER TEMP SENDER (YG W), and FUEL SENDER (YR) are connected to the system.
- Drive and Control Components:** FRONT DRIVE RELAY, FRONT DRIVE LIGHT S/W (OPT), FRONT DRIVE INDICATOR LIGHT S/W (OPT), and a TRANSFER SWITCH (OPT) are shown.
- Lighting and Warning Systems:** Includes BACK-UP LIGHTS (LH, RH), SEAT BELT WARNING Buzzer, BRAKE WARNING SWITCH, STOP LIGHT SWITCH, PARKING BRAKE SWITCH, and a HORN.
- Other Components:** VACUUM SWITCHING SOLENOID (OPT), SEAT BELT WARNING RELAY, and a DRIVER BUCKLE SWITCH are also depicted.

Wiring is color-coded and labeled with abbreviations such as LR, LB, WB, RL, RH, GR, and GY. The diagram is organized into columns numbered 4, 5, 6, and 7 at the top and bottom.

—1977 Model





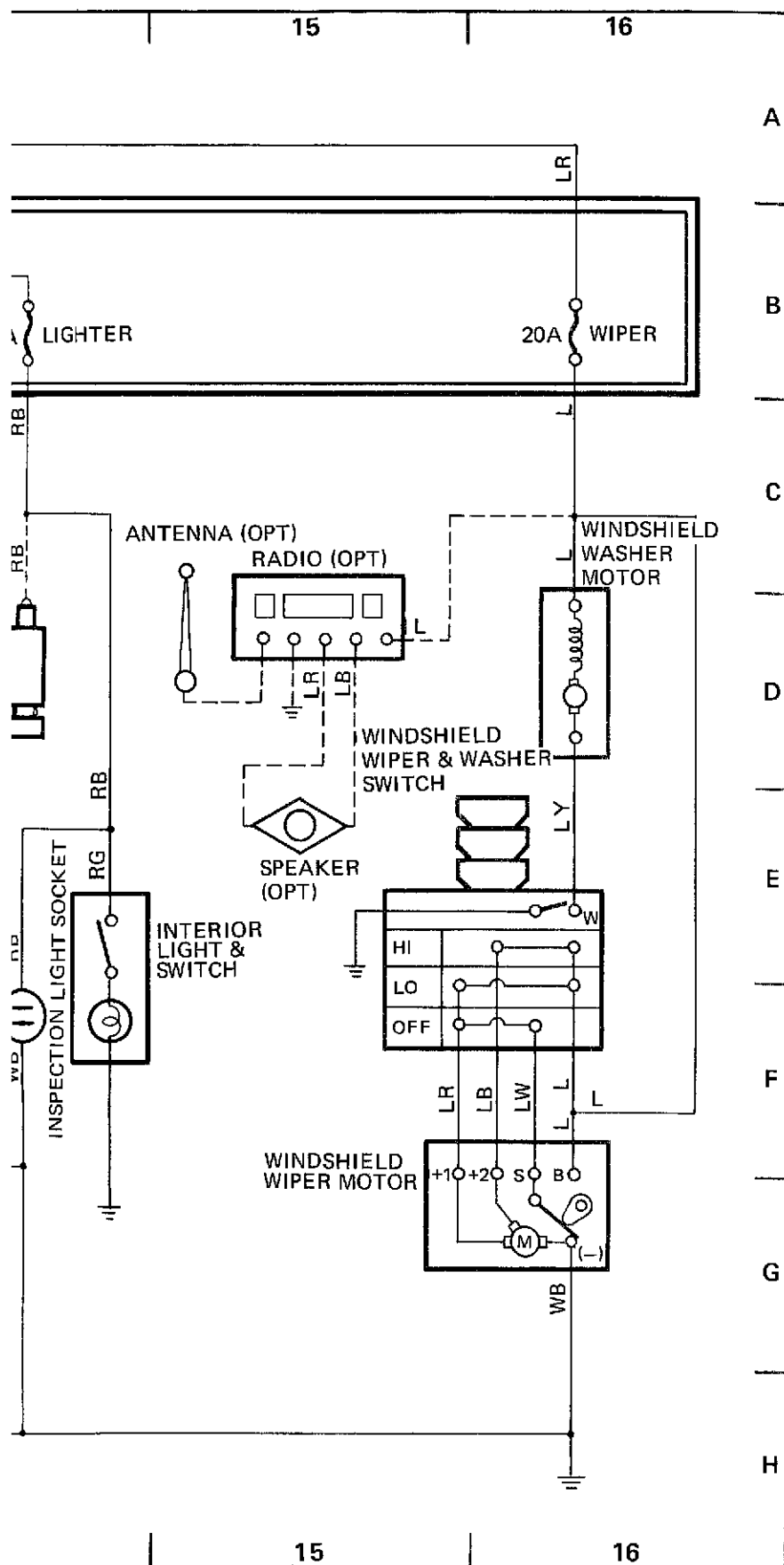
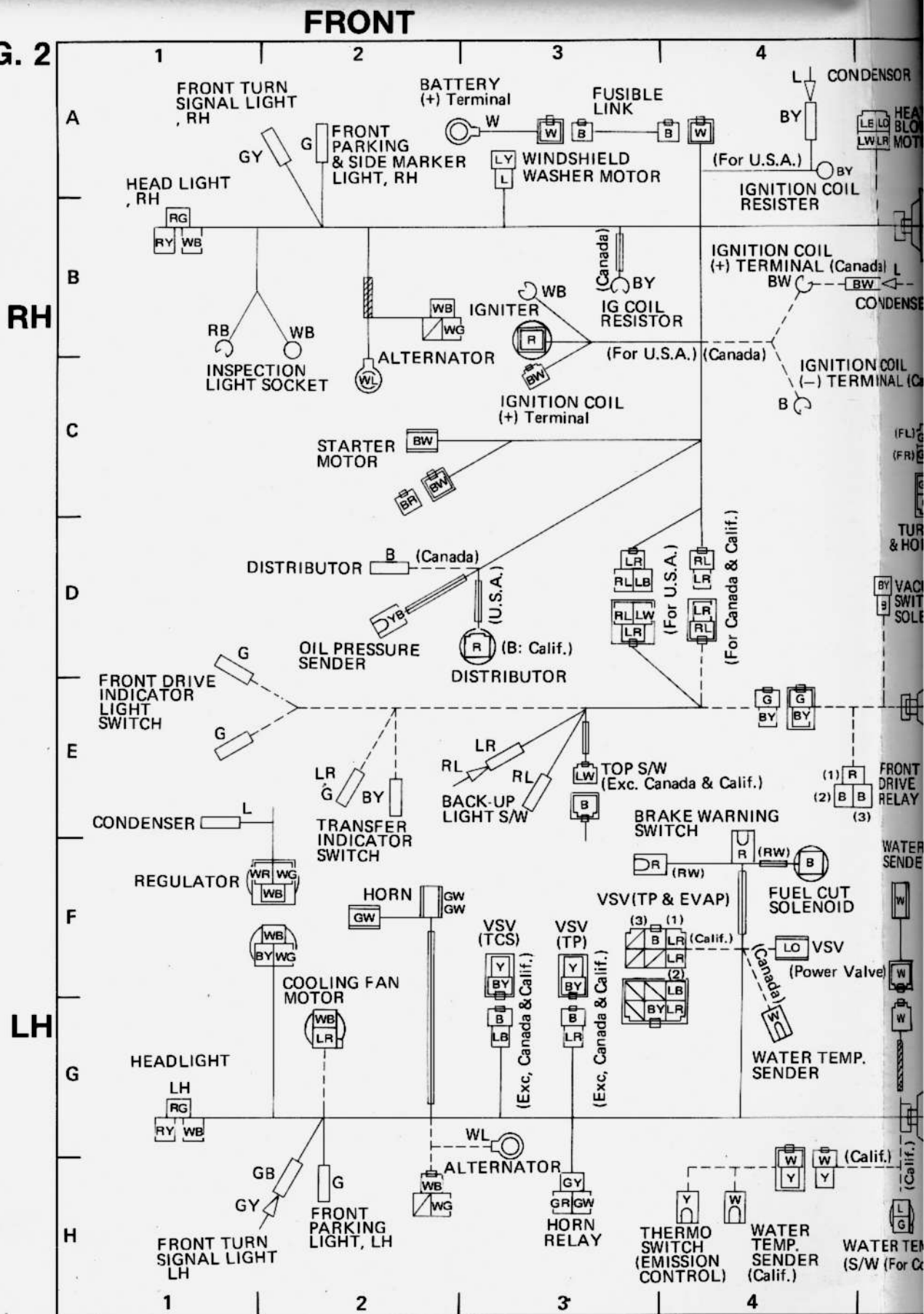
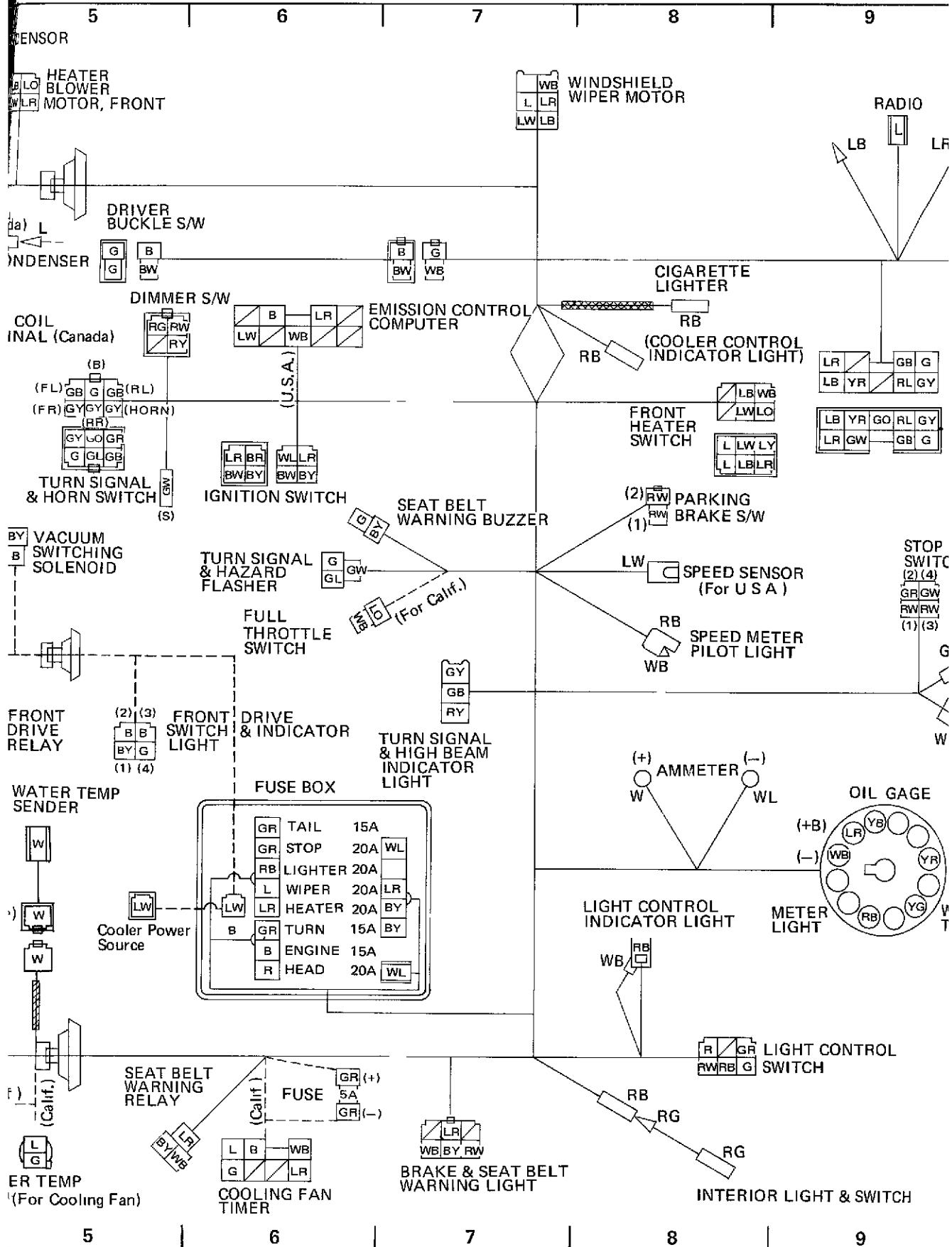
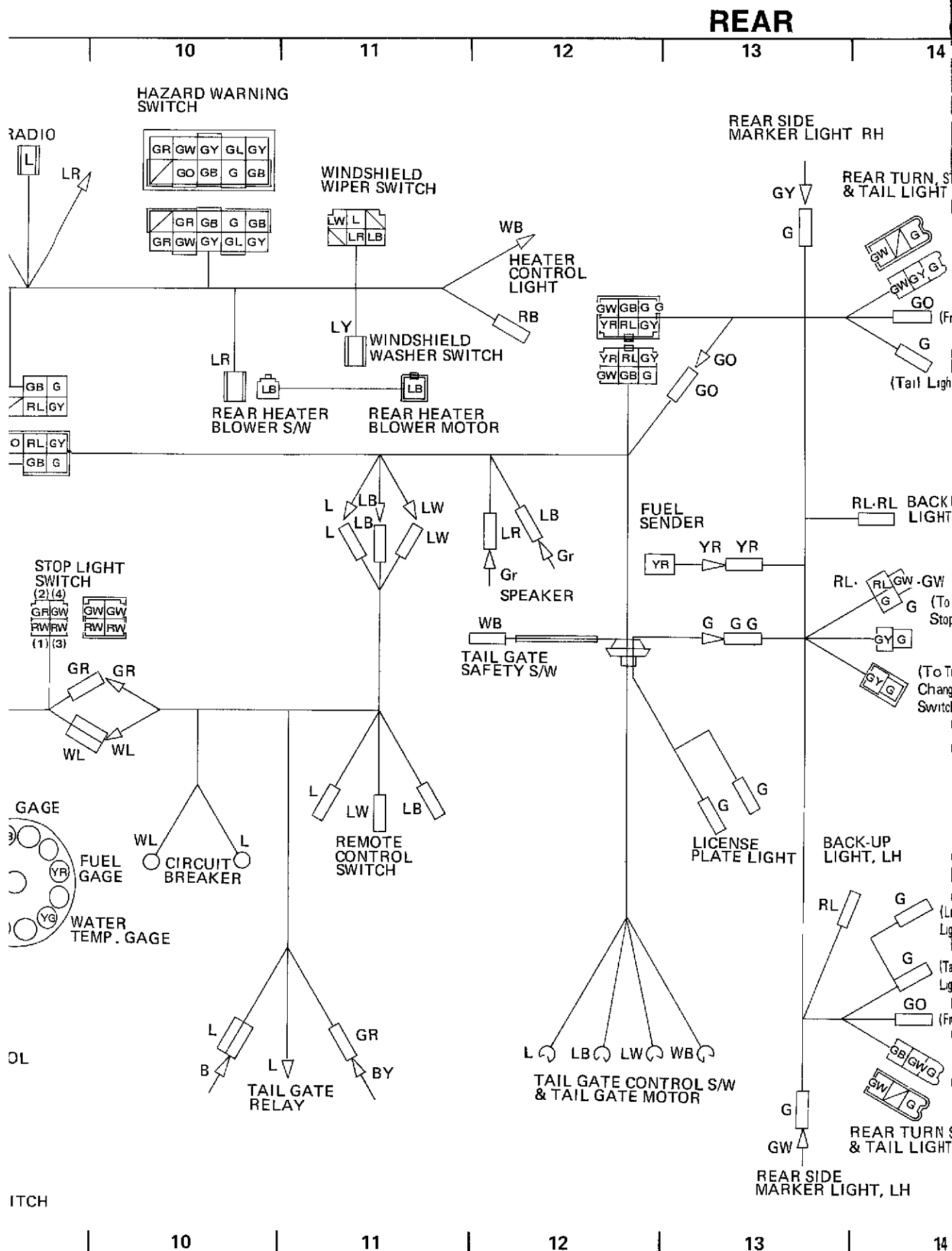


FIG. 2



INSTRUMENT PANEL





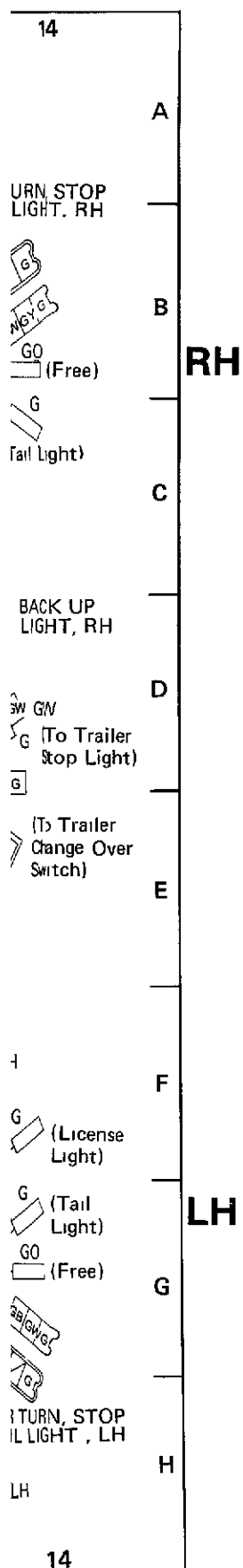
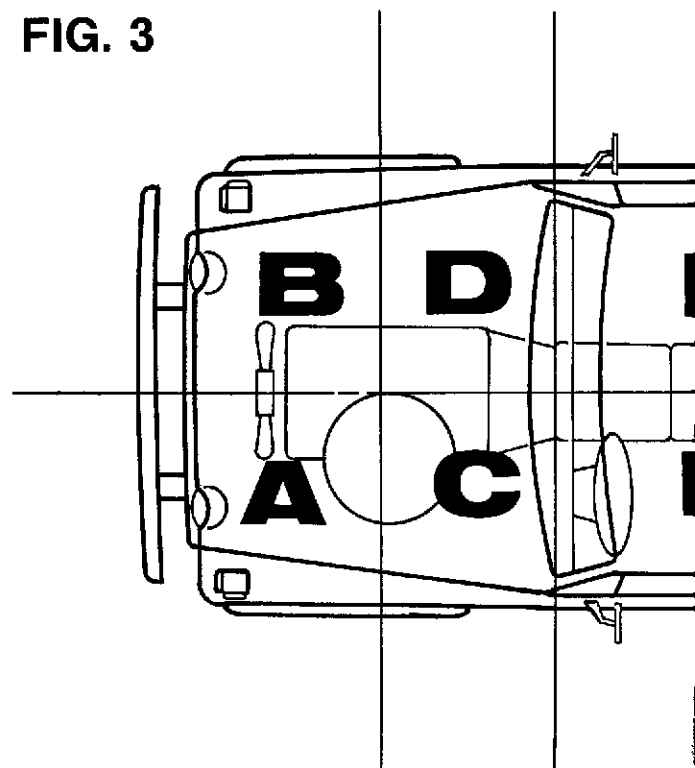


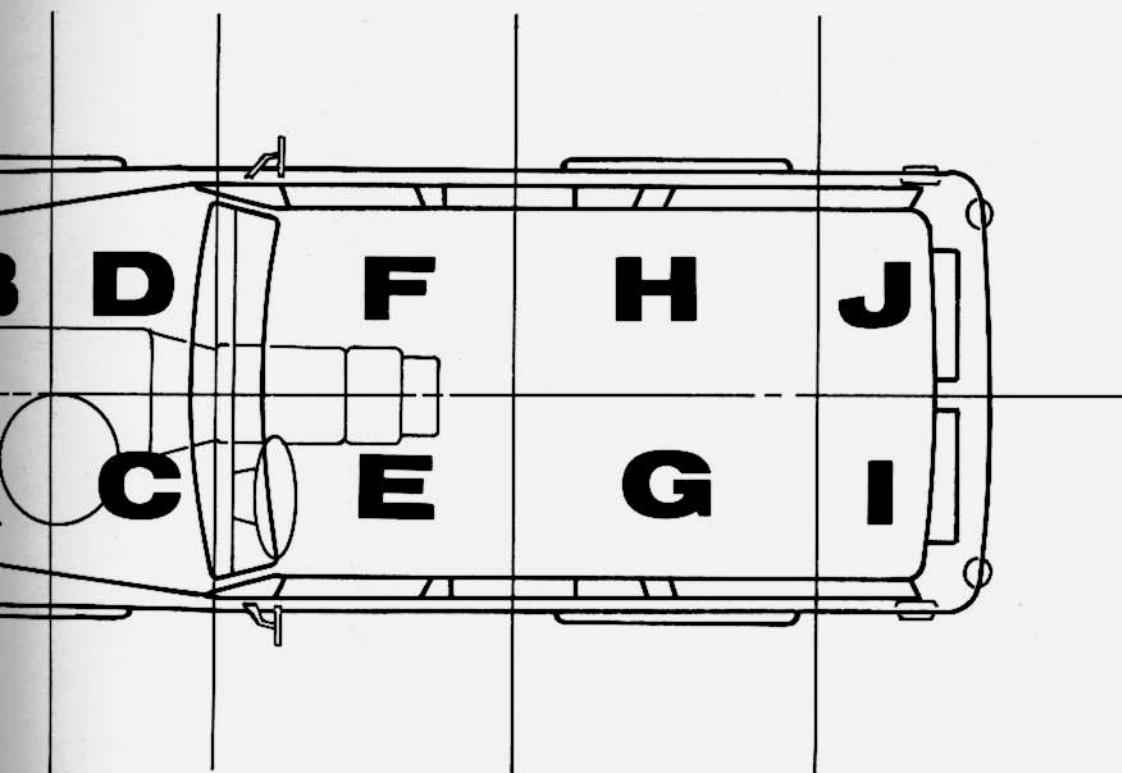
FIG. 3



Wiring color code is shown with alphabetical
The first letter indicates the basic color for the

B = Black
Br = Brown
G = Green
Gr = Grey
L = Light Blue
O = Orange
R = Red
W = White
Y = Yellow

Example. RG, is for Red and A Green Line



de is shown with alphabetical letter/s.

indicates the basic color for the wire, and the second letter indicates the spiral line color.

ack
rown
reen
rey
ght Blue
range
ed
hite
ellow

G, is for Red and A Green line.

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