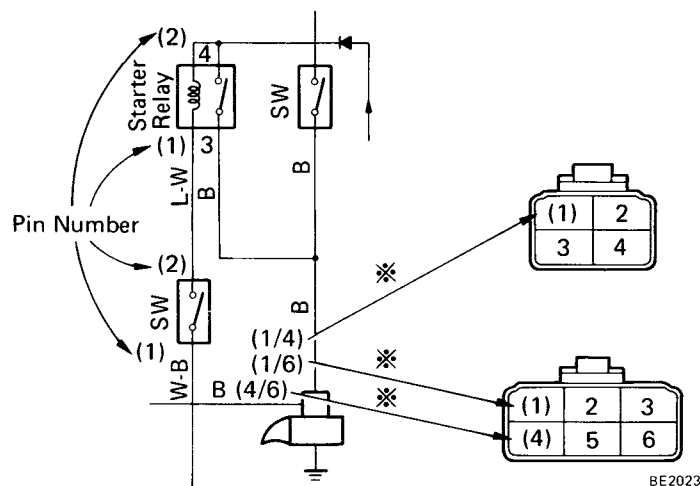


ELECTRICAL WIRING DIAGRAMS

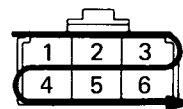
HOW TO READ THIS SECTION

PIN NUMBER



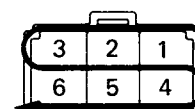
※ When connectors with different numbers of terminals are used with the same parts, the pin number and the numbers of terminals are specified.
e.g. (1/4) = No. 1 pin/4 terminals connector

Numbered in order from upper left to lower right



Female

Numbered in order from upper right to lower left

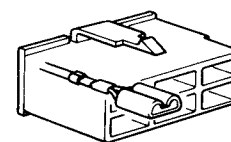


Male

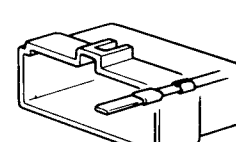
BE0832

Male & female connectors distinguished by shape of their internal pins.

- All connectors are shown from the open end, and the lock is on top.



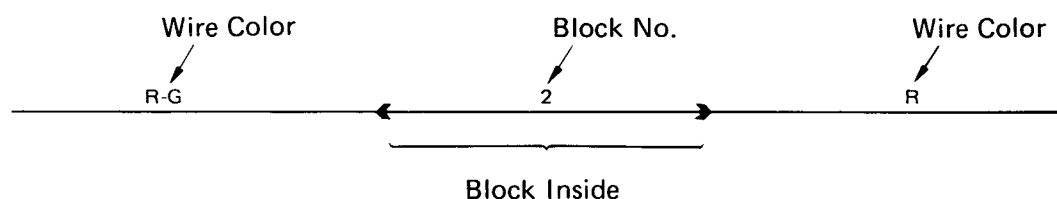
Female



Male

BE0833

JUNCTION BLOCK OR RELAY BLOCK



WIRE COLOR

Wire colors are indicated by an alphabetical code.

B = Black
LG = Light Green
W = White

BR = Brown
O = Orange
Y = Yellow

G = Green
P = Pink

GR = Gray
R = Red

L = Blue
V = Violet

The 1st letter indicates the basic wire color and the 2nd indicates the stripe color.

Example: R-G indicates a Red wire with a Green stripe.

ABBREVIATION

The following abbreviations are used in this wiring diagram.

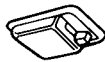
A.B.S. = Anti-Lock Brake System
A/C = Air Conditioner
A/T = Automatic Transmission
CB = Circuit Breaker
CD = Compact Disc
COMB. = Combination
ECT = Electronic Controlled Transmission
ECU = Electronic Controlled Unit
EFI = Electronic Fuel Injection
EGR = Exhaust Gas Recirculation
FL = Fusible Link
ISC = Idle Speed Control

LH = Left-Hand
M/T = Manual Transmission
O/D = Overdrive
OX = Oxygen
PPS = Progressive Power Steering
RH = Right-Hand
SW = Switch
TCCS = Toyota Computer Controlled System
TEMS = Toyota Electronic Modulated Suspension
VSV = Vacuum Switching Valve
w/ = With
w/o = Without

SYSTEM INDEX

TOYOTA SUPRA

1990 Model (Page 1 to Page 9)

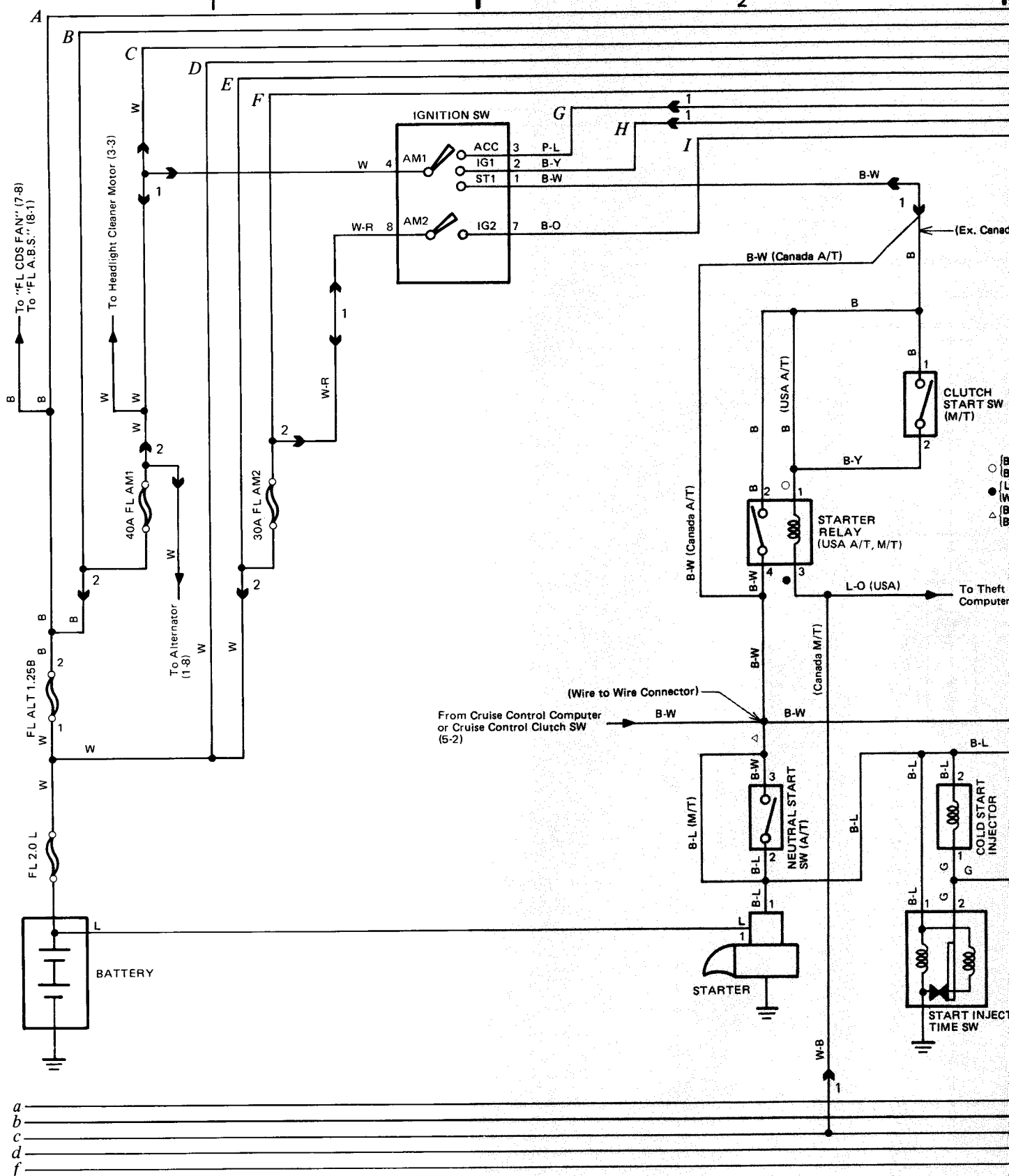
SYSTEMS	LOCATION	SYSTEMS	LOCATION
A.B.S. (Anti-Lock Brake System)	 8-1	PPS	 3-6
Air Conditioner, Cooler and Heater	 7-4	Power Seat	 4-3
Auto Antenna	 6-5	Power Source	 1-1 (7M-GE) 8-3 (7M-GTE)
Back-up Lights	 2-7	Power Windows	 4-1
Charging	 1-8	Radiator Fan and Condenser Fan	 7-8
Cigarette Lighter	 6-4	Radio and Tape Player	 6-6
Clock	 6-4	Rear Window Defogger	 2-4
Combination Meter	 2-2	Rear Wiper and Washer	 3-2
Cruise Control	 5-1	Remote Control Mirrors with Heater	 6-8
Door Locks	 4-6	Shift Lock System	 2-8
ECT (Electronic Control Transmission)	 2-6	SRS Airbag	 9-1
Engine Control	 1-5 (7M-GE) 8-6 (7M-GTE)	Starting	 1-2 (7M-GE) 8-4 (7M-GTE)
Fog Lights	 5-8	Stop Lights	 5-3
Front Wiper and Washer	 3-1	Taillights and Illumination	 5-4
Headlight Cleaner	 3-3	TEMS	 3-7
Headlights	 5-7	Theft Deterrent System	 4-8
Horn	 3-5	Turn Signal and Hazard	 3-4
Interior Lights	 6-2	Unlock and Seat Belt Warning	 6-1



Power Source(7M-GE)



Starting(7M-GE)



Ground points

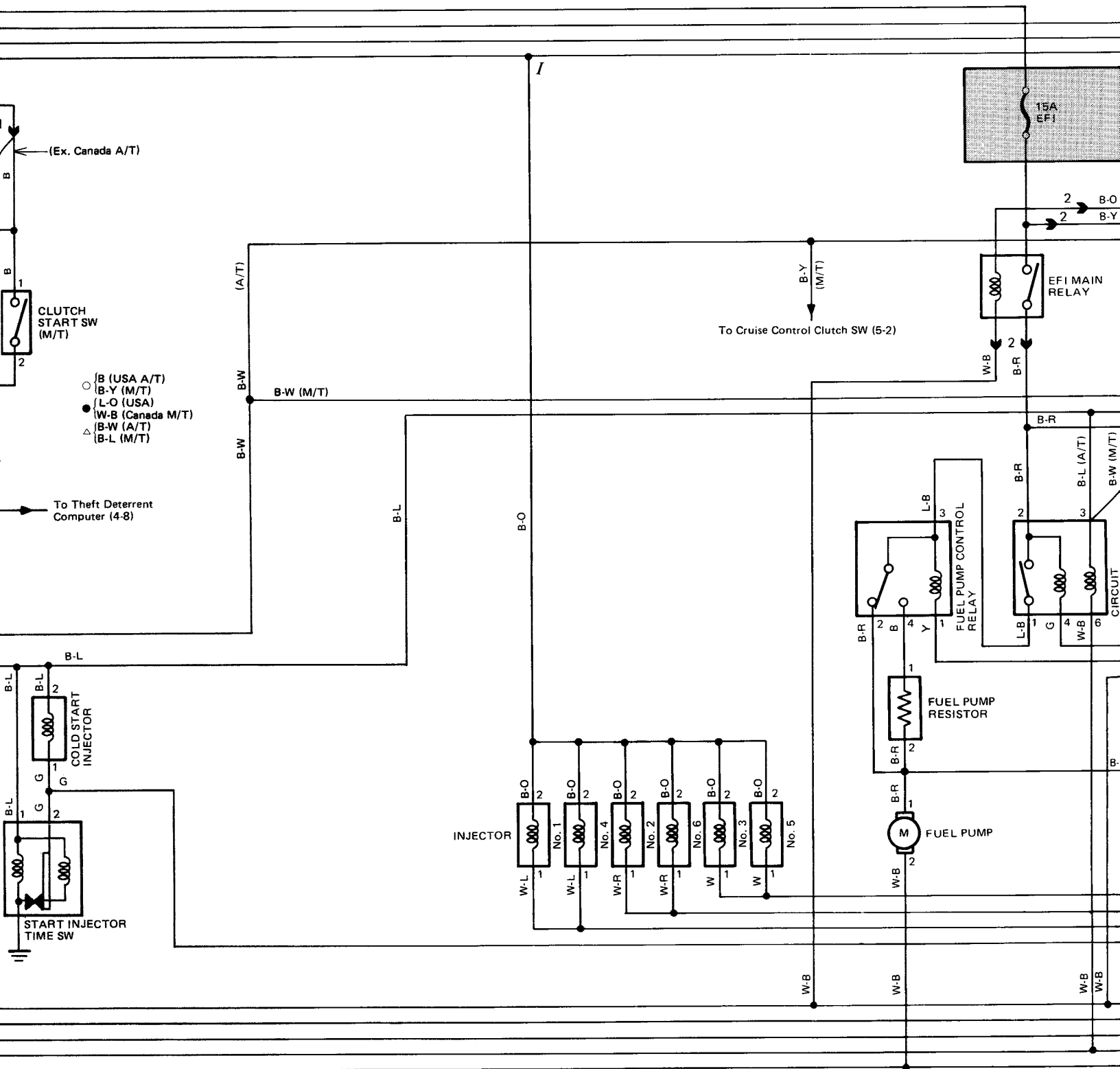
a = Located on left fender

b = Located on engine block

c = Located under left front pillar

d = Located under right front pillar

(7M-GE)



under right front pillar

f = Located on back panel

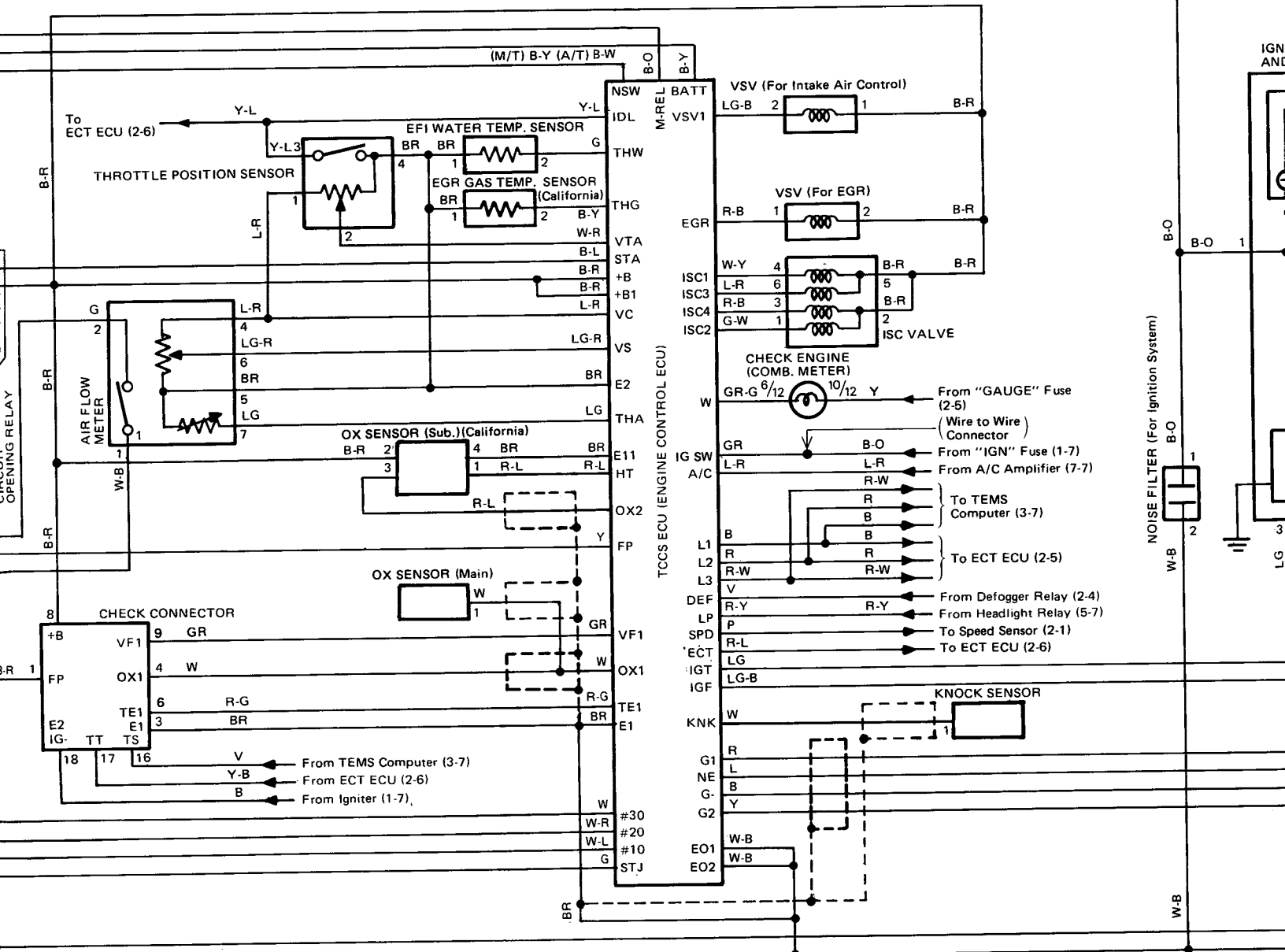


Engine Control (7M-GE)

5

6

E01	#10	STA	STJ	NSW	ISC 1	ISC 2	G—	G1	G2	NE	IGT	IGF	THW	OX1	VSV 1		M—REL	EGR	SPD	FP	THA	VS	VC	BATT	IG SW	
E02	#20	#30	E1	HT	ISC 3	ISC 4	VF1	TE1	VTA	IDL	THG	OX2	KNK	E2	L1	L2	L3	A/C	.W	DEF	ECT	LP	E11	+B	+B1	



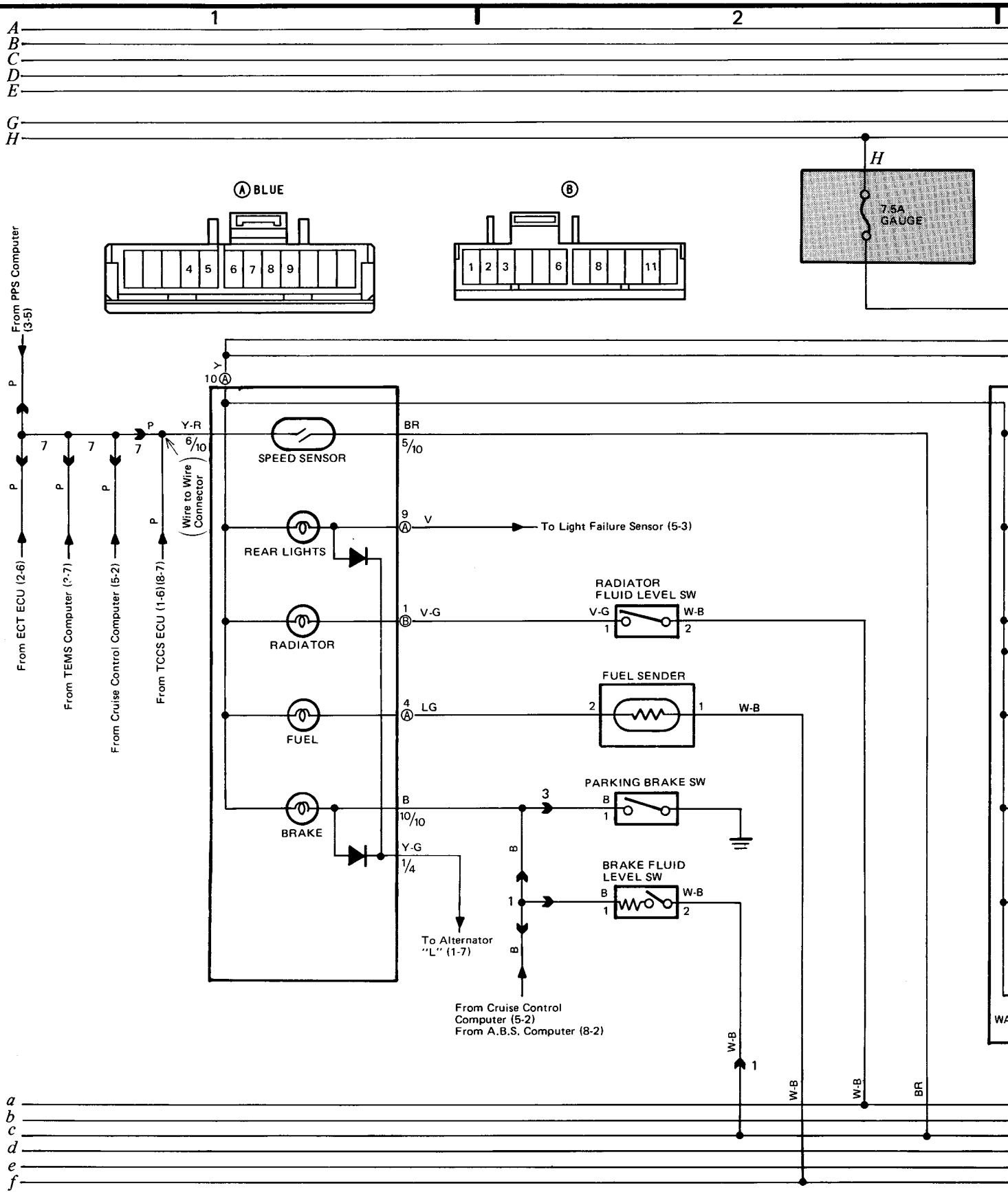
This wiring diagram illustrates the electrical system for a 1990-1991 Dodge Ram 2.5L engine. The diagram includes the following components and connections:

- Ignition System:**
 - Ignition Coil and Igniter:** The ignition coil is connected to the positive battery terminal (B-O) and the distributor. The igniter is connected to the negative battery terminal (B) and the distributor.
 - Distributor:** The distributor is connected to the ignition coil and the igniter. It has four output wires: R (Red), L (Blue), B (Black), and Y (Yellow).
- Charging System:**
 - Alternator (W/ IC Regulator):** The alternator has three main output wires: L (Blue), B (Black), and IG (Green). The L wire is connected to the positive battery terminal (B-O). The B wire is connected to the negative battery terminal (B). The IG wire is connected to the alternator's internal regulator.
 - Charging Warning Light (Comb. Meter):** The light is connected to the positive battery terminal (B-O) and the alternator's L wire.
- Engine Control System:**
 - 7.5A IGN Relay:** The relay is connected to the positive battery terminal (B-O) and the 15A ENGINE circuit.
 - 15A ENGINE:** The engine is connected to the 7.5A IGN relay and the positive battery terminal (B-O).
 - Integration Relay (Canada):** The relay is connected to the positive battery terminal (B-O) and the 15A ENGINE circuit.
 - From FL ALT (8-3):** This wire is connected to the alternator's L wire.
 - From FL "AM1" (1-1):** This wire is connected to the alternator's B wire.
- Other Connections:**
 - To Center Air Bag Sensor Assembly (9-1):** This wire is connected to the positive battery terminal (B-O).
 - To TCCS ECU (1-6)(8-7):** This wire is connected to the positive battery terminal (B-O).
 - To Tachometer (2-3):** This wire is connected to the distributor's B output.
 - To Check Connector (1-5):** This wire is connected to the distributor's B output.

2 TOYOTA SUPRA (Cont'd)



Combination Meter



Ground points

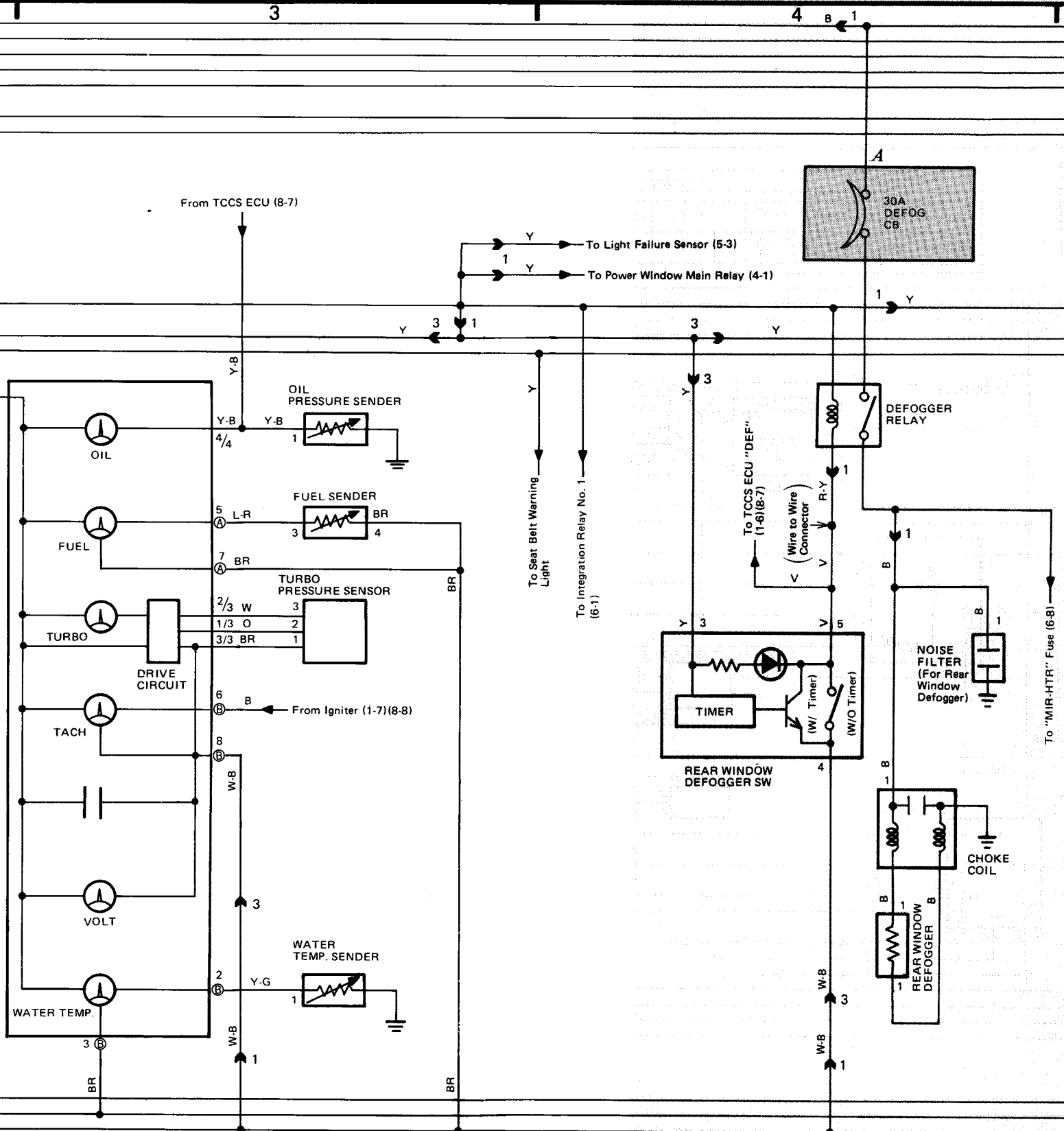
a = Located on left fender

b = Located on engine block

c = Located under left front pillar



Rear Window Defogger



d = Located under right front pillar

e = Located behind radio

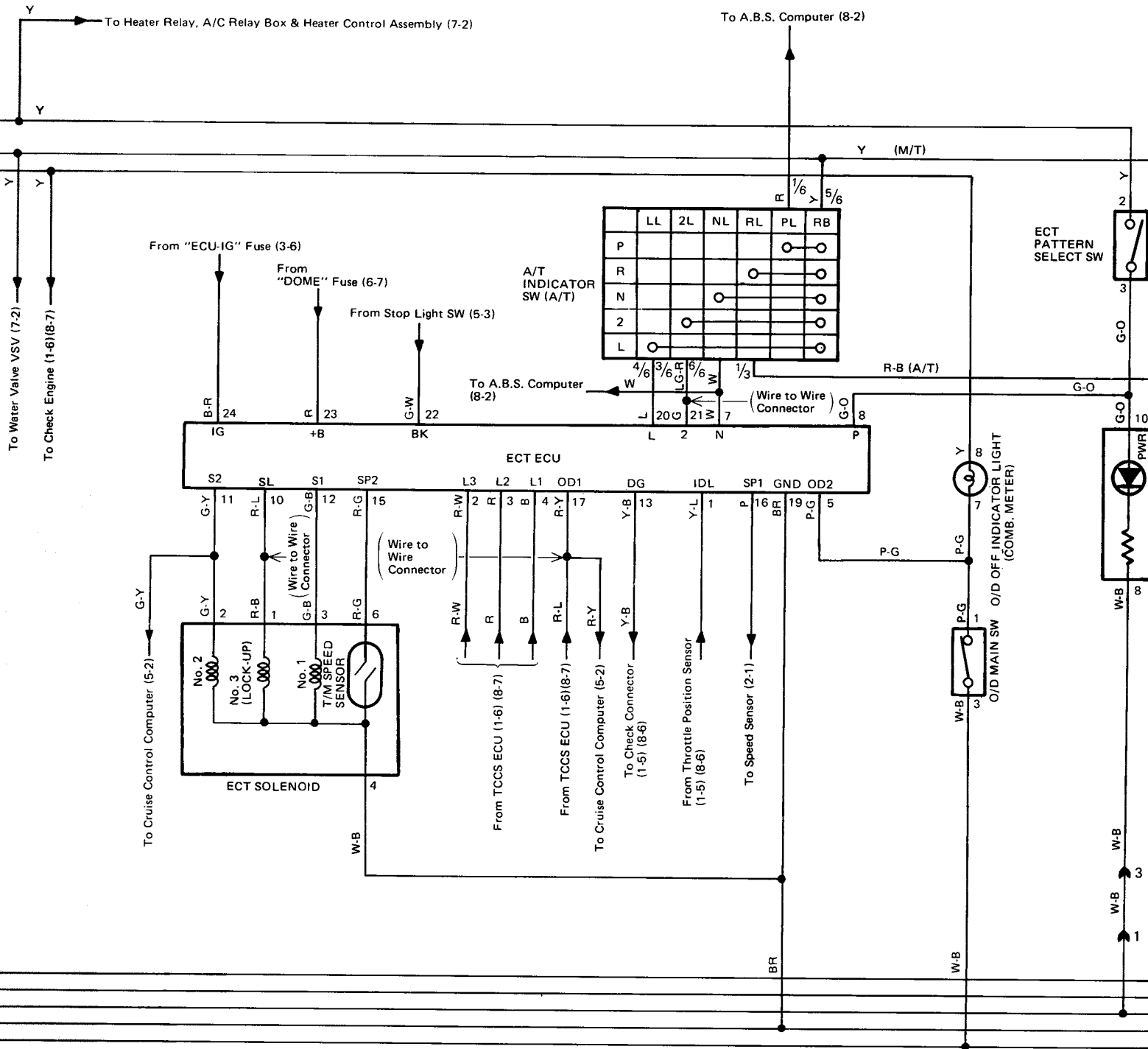
f = Located on back panel

ECT

ECT (Electronic Controlled Transmission)

5

6





Back-up Lights

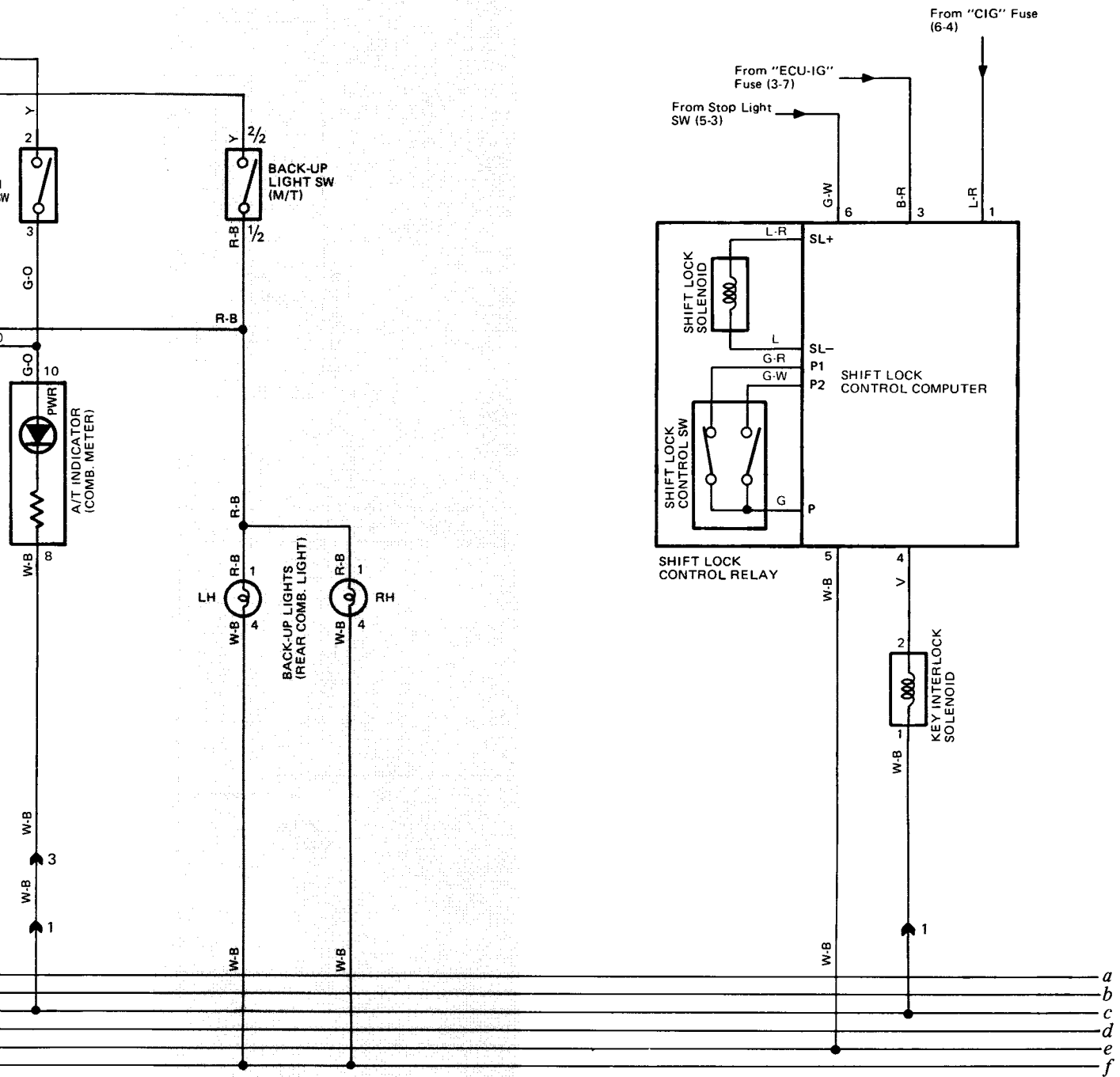


Shift Lock

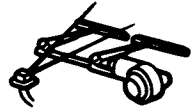
7

8

A
B
C
D
E
G
H



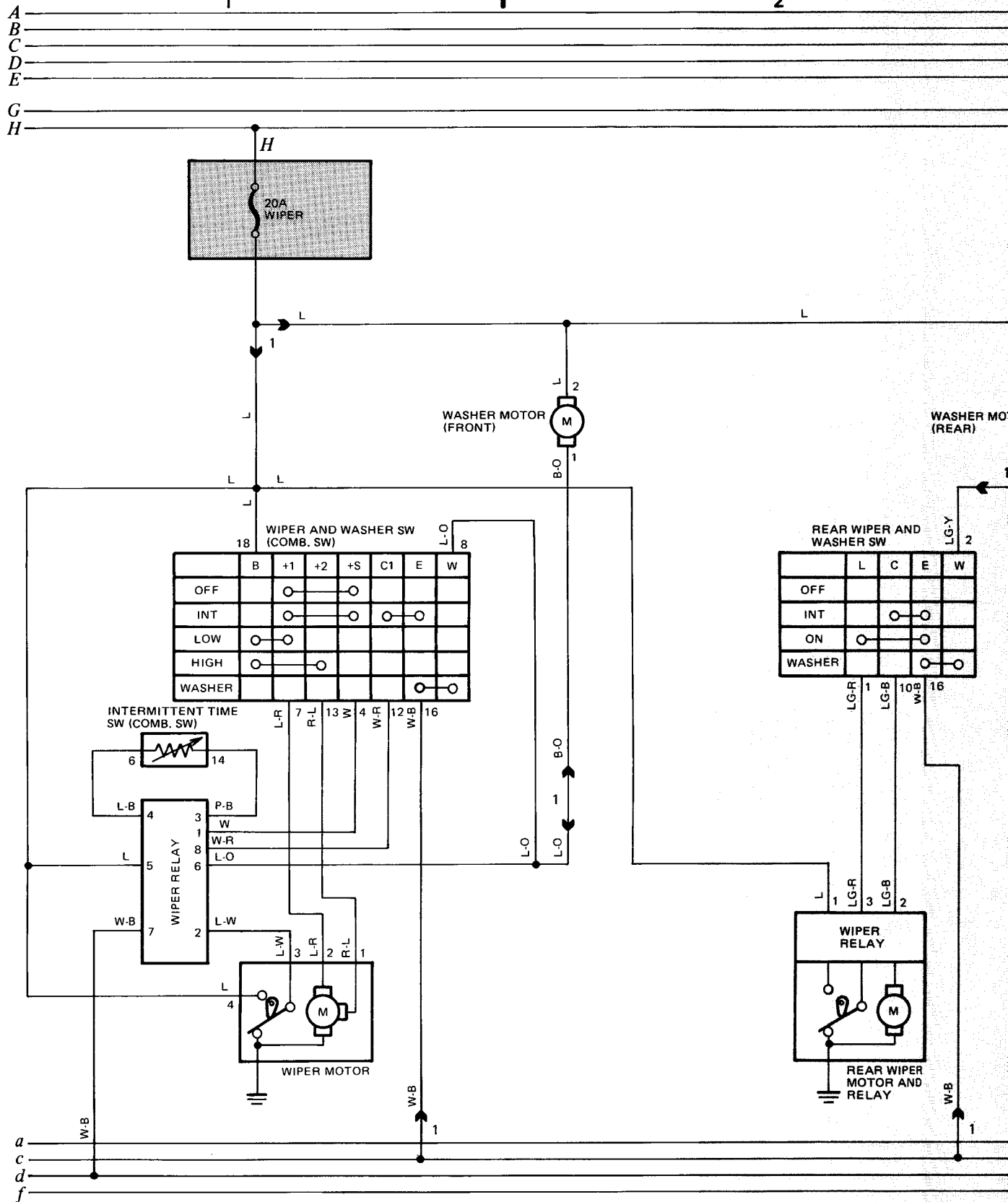
TOYOTA SUPRA (Cont'd)



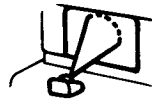
Front Wiper and Washer



Rear Wiper and Washer

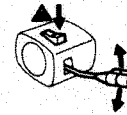


Wiper and Washer



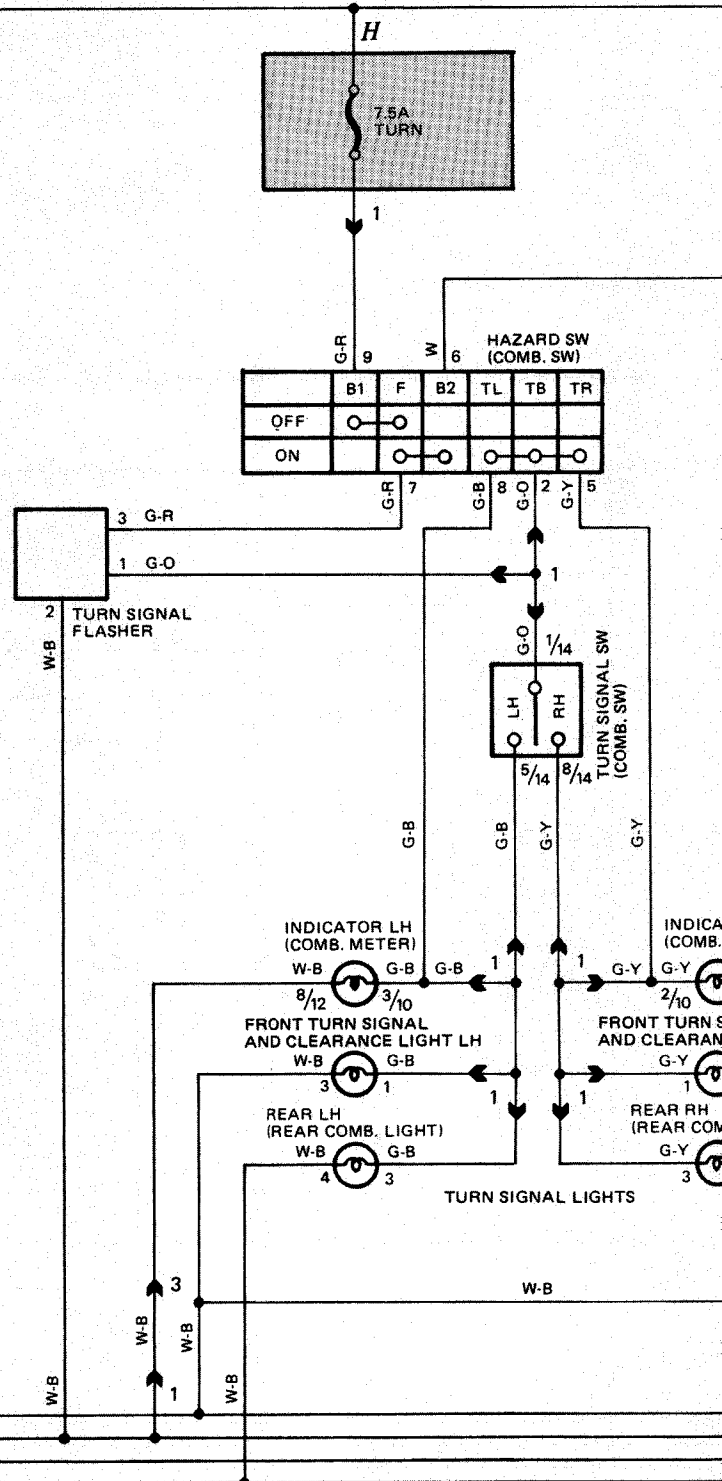
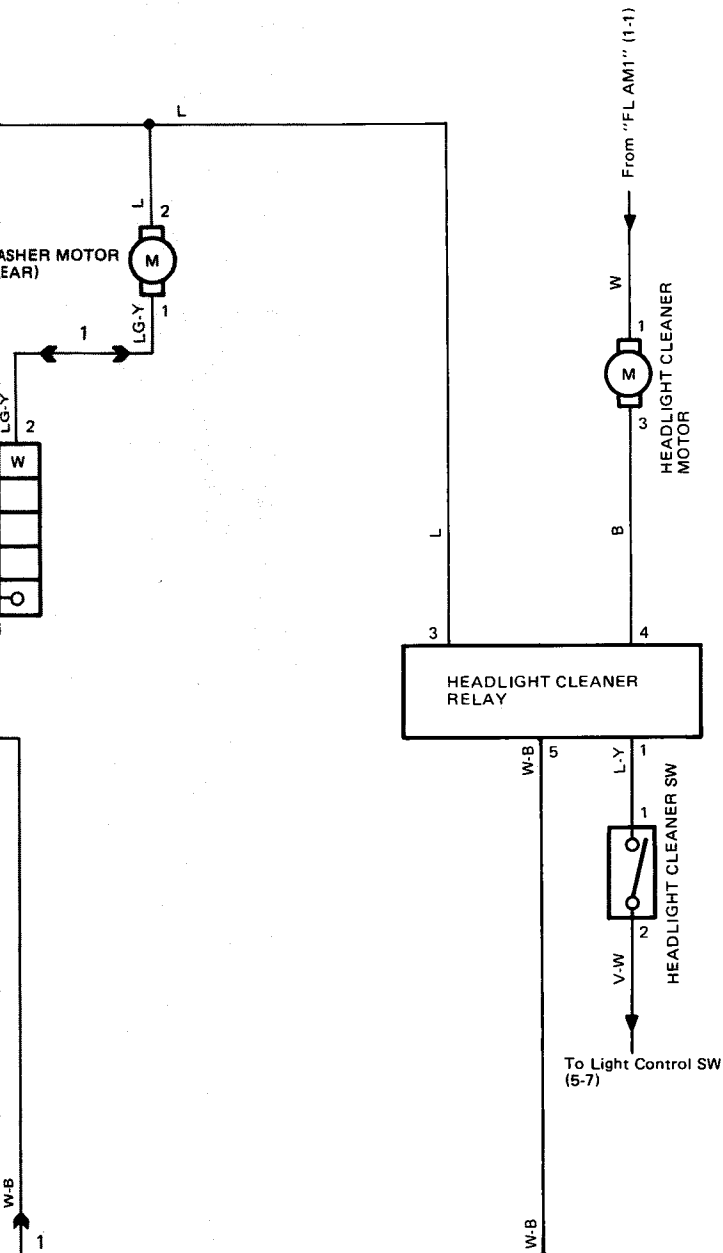
Headlight Cleaner

3



Turn Signal and Hazard

4



Wiper and Washer

f = Located on back panel

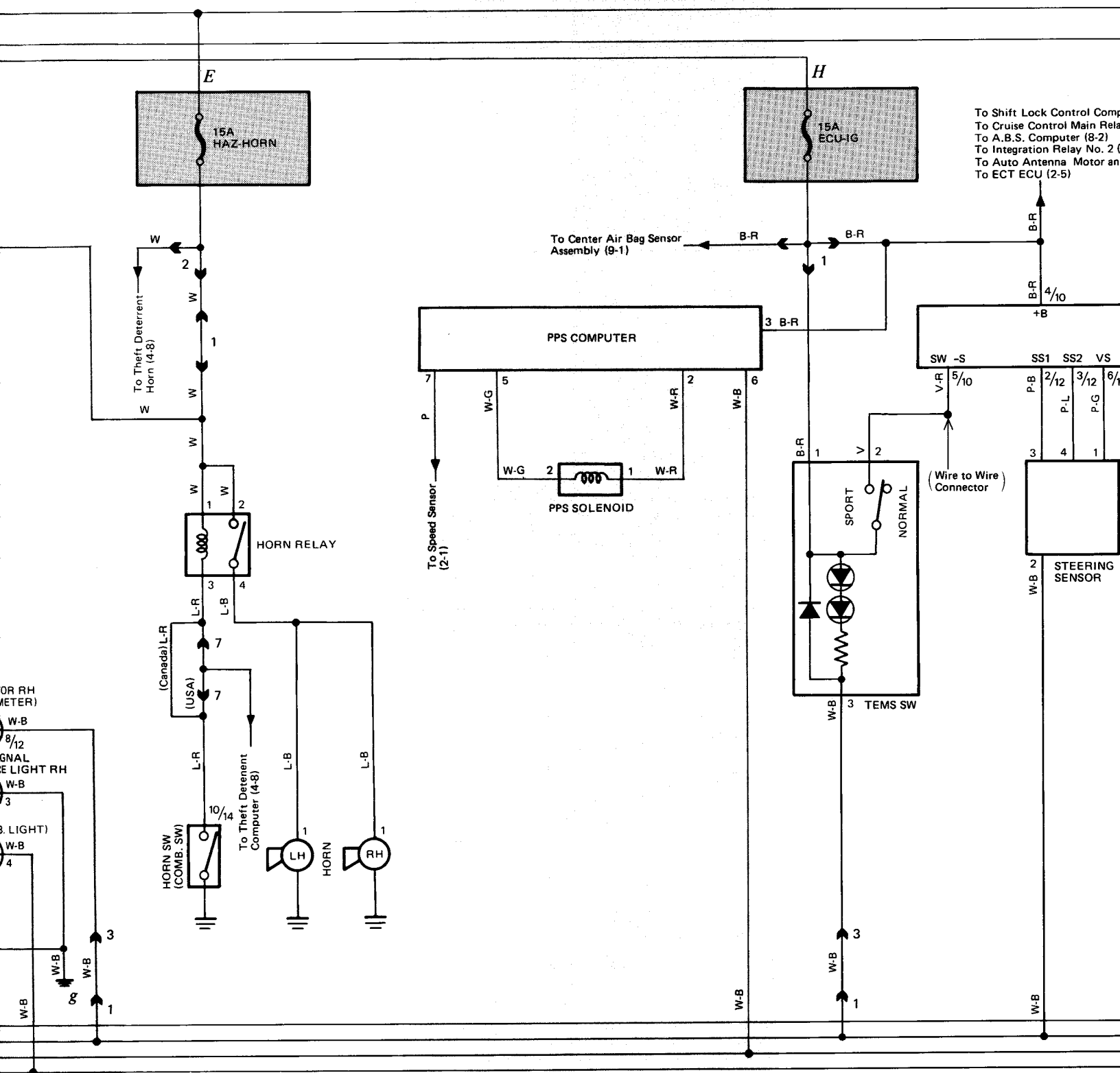
g = Located on right fender

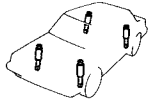


Horn

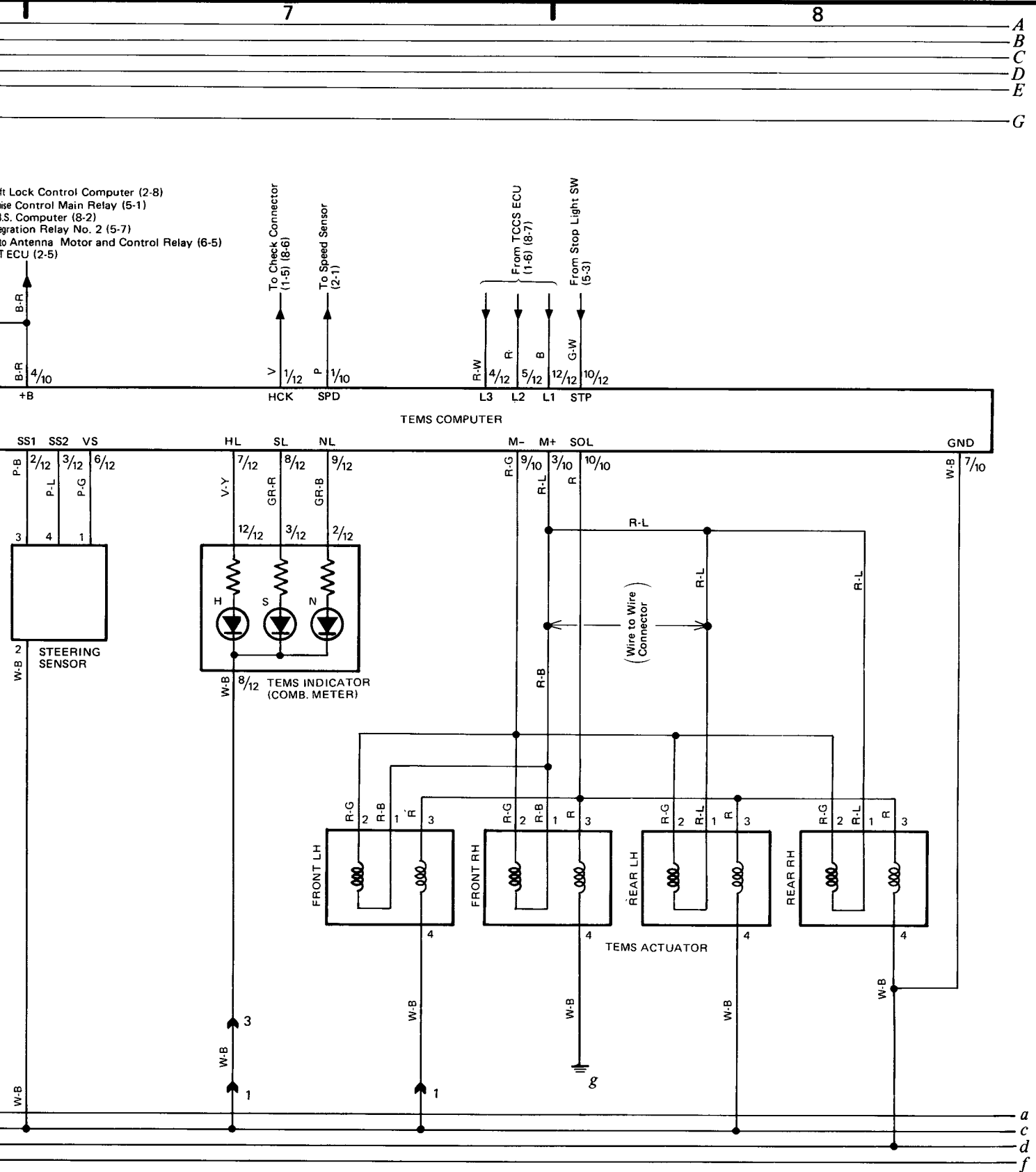


PPS (Progressive Power Steering)

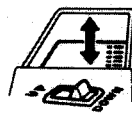




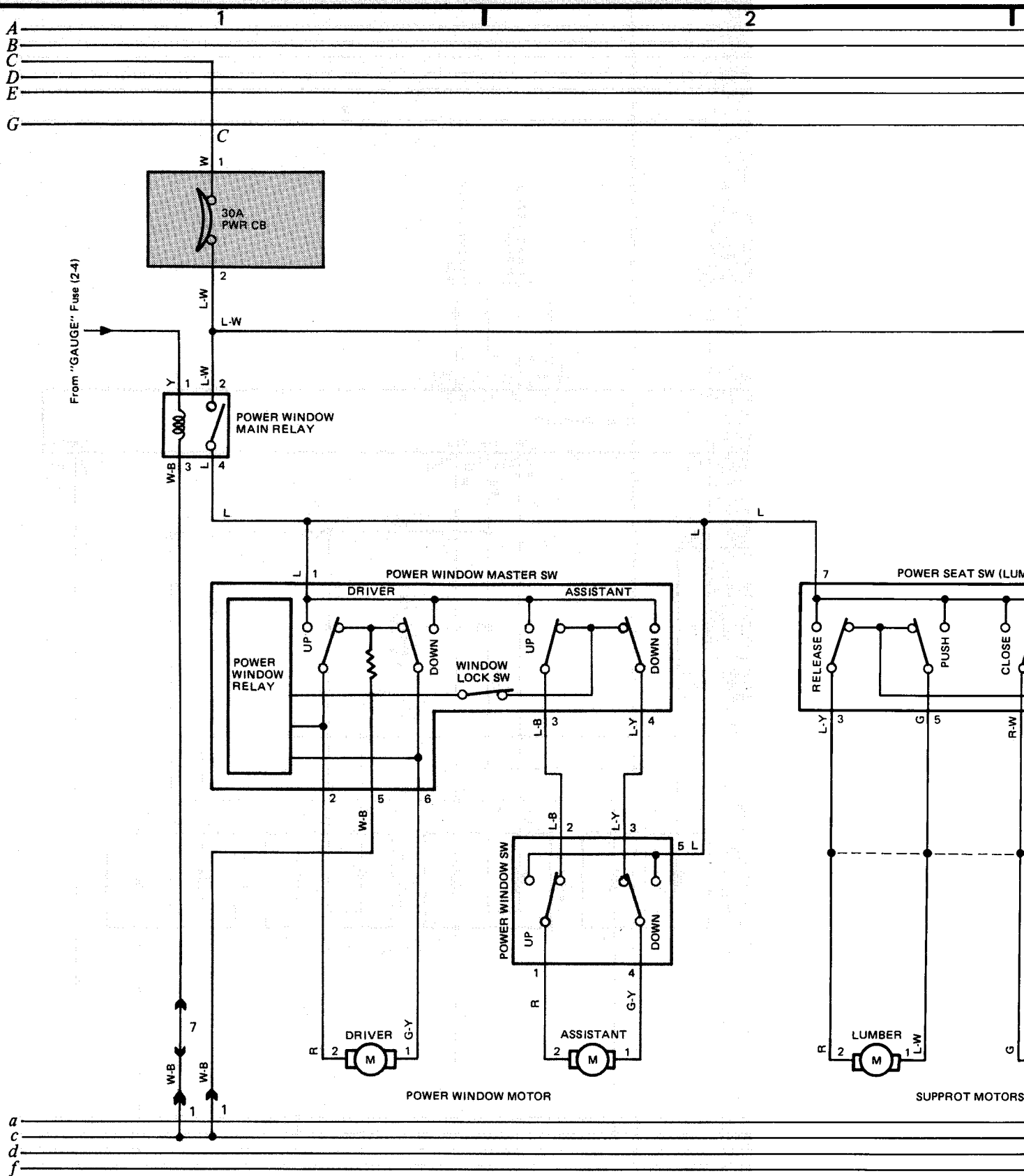
TEMS



4 TOYOTA SUPRA (Cont'd)



Power Windows



Ground points

a = Located on left fender

c = Located under left front pillar

d = Located under right front pillar

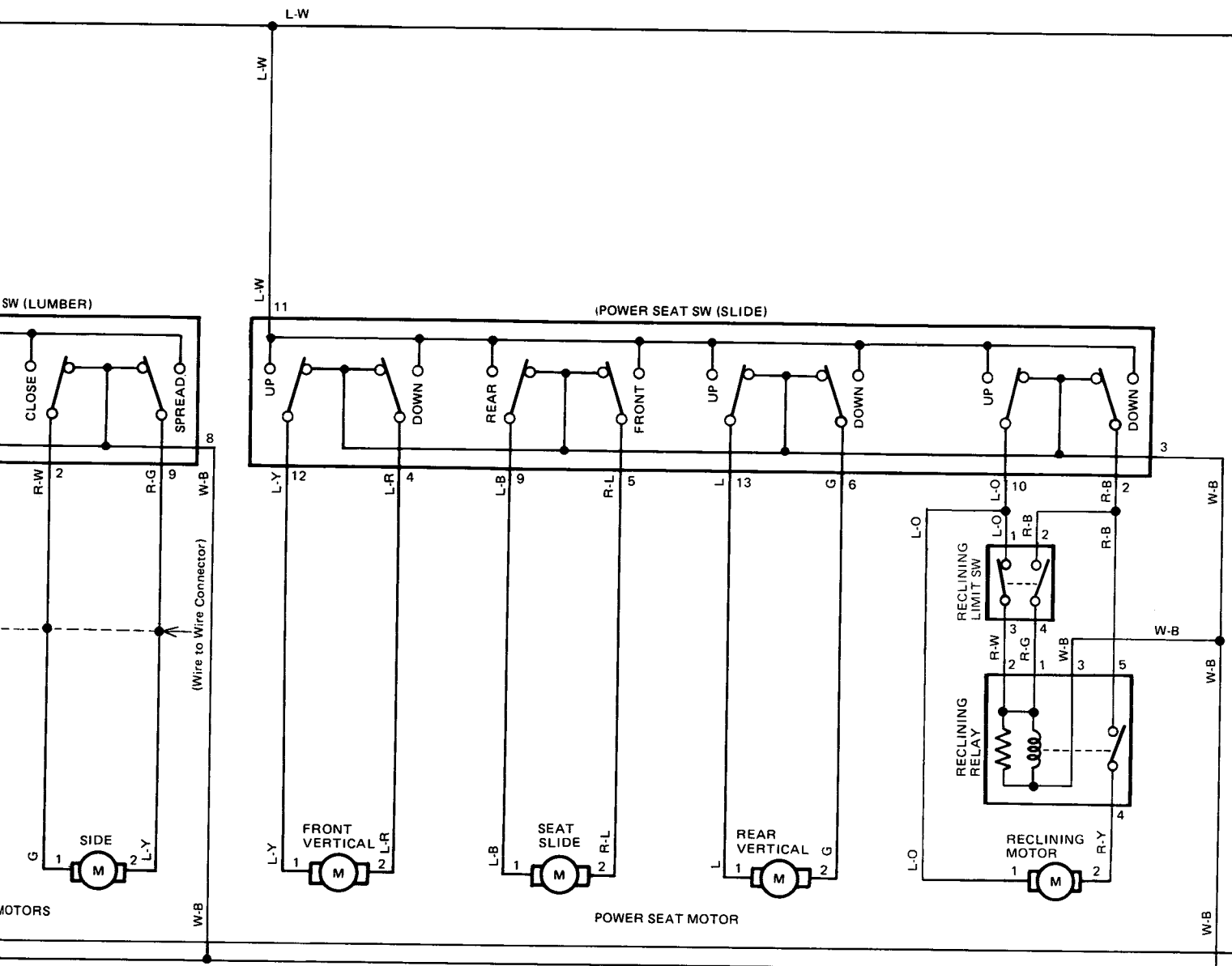
f = Located on back panel



Power Seat

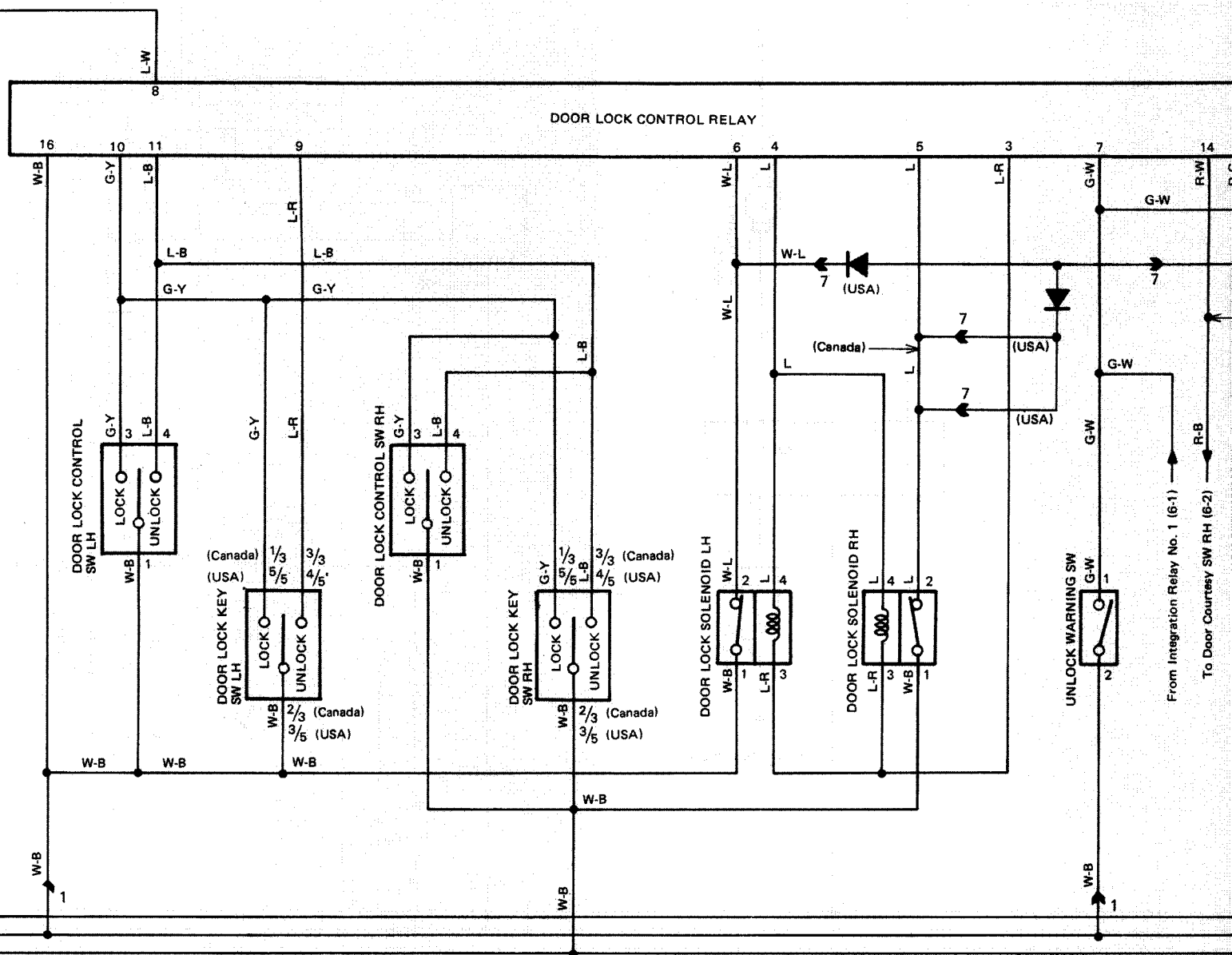
3

4



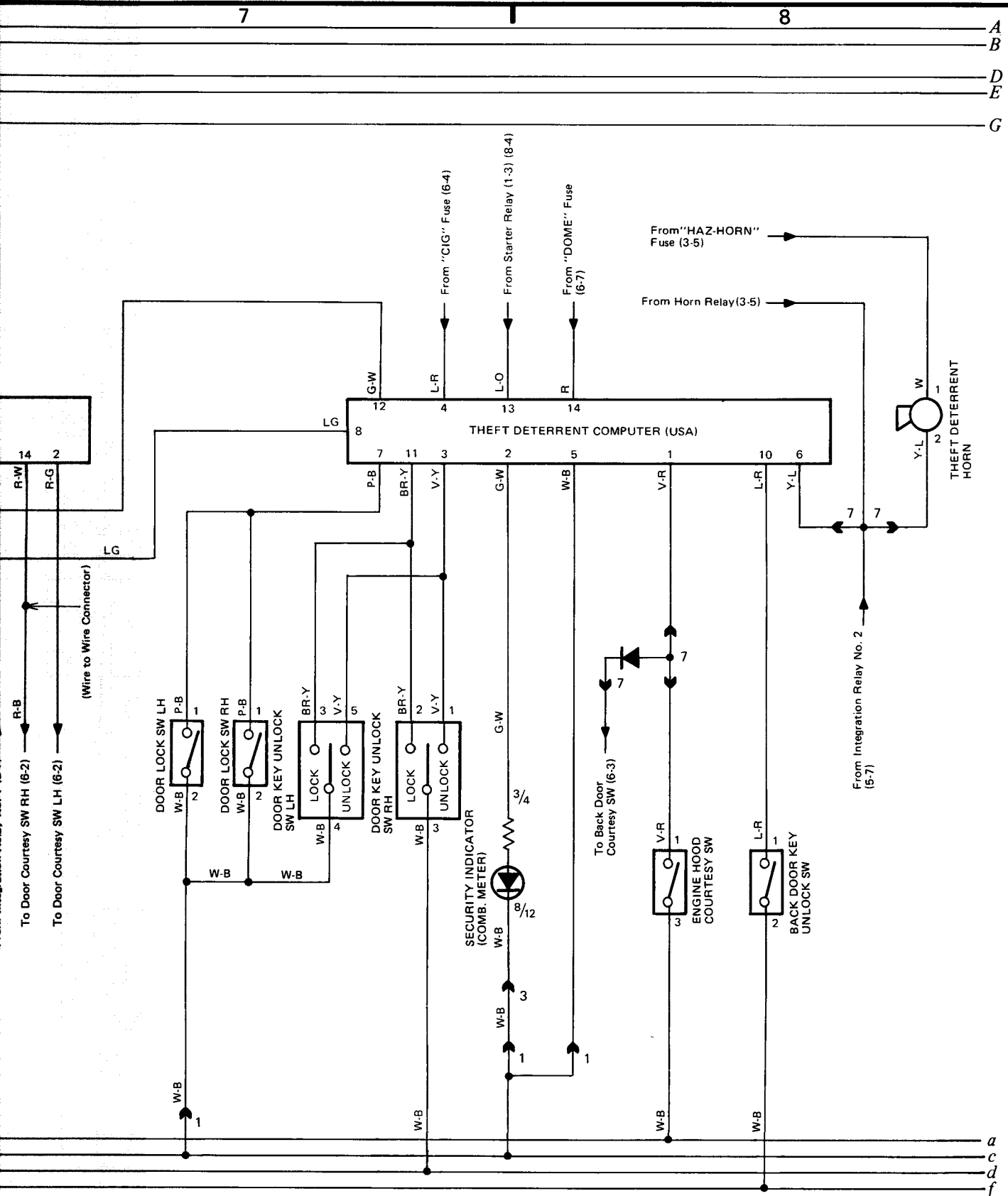


Door Locks





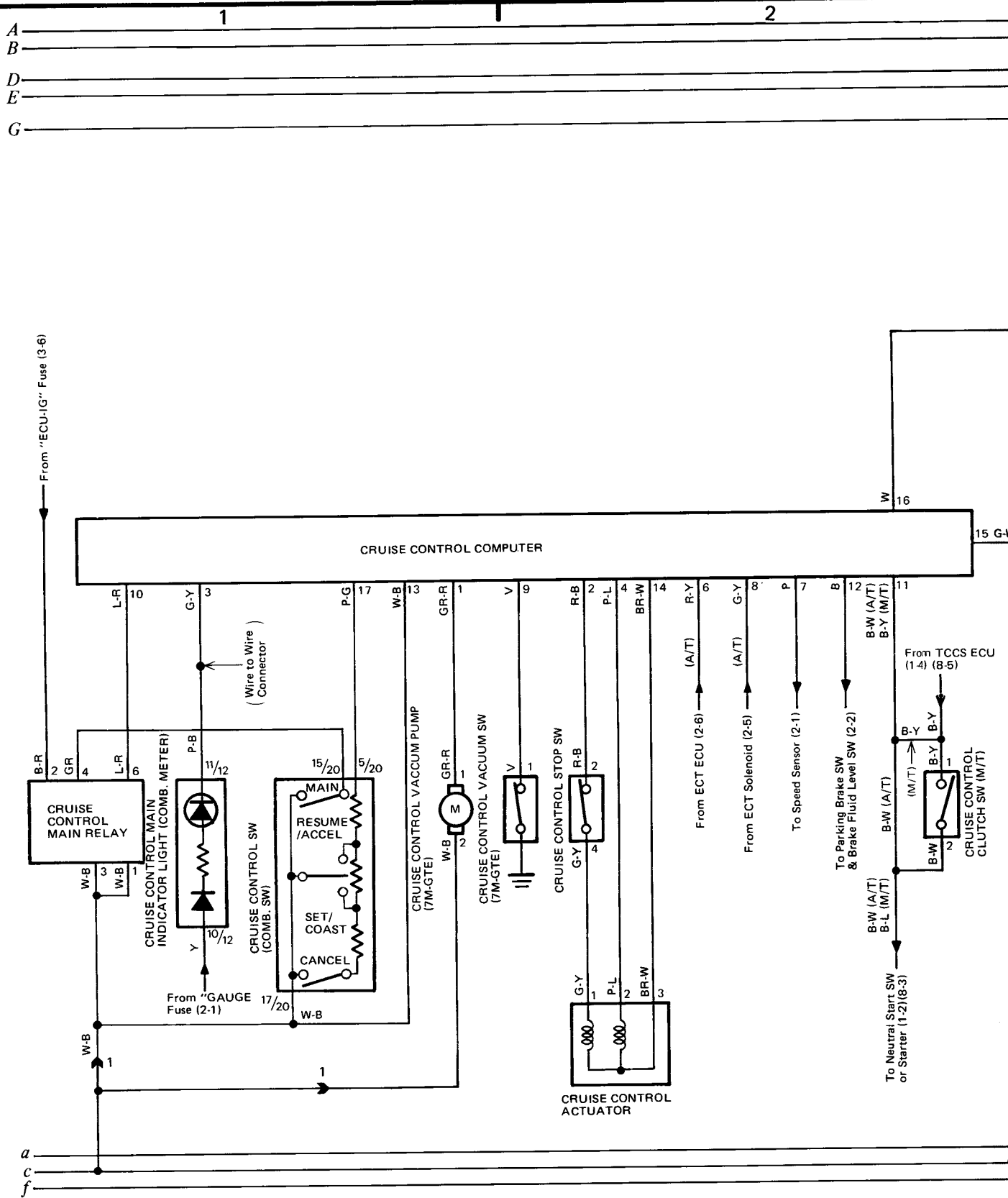
Theft Deterrent



TOYOTA SUPRA (Cont'd)



Cruise Control



Ground points

a = Located on left fender

c = Located under left front pillar

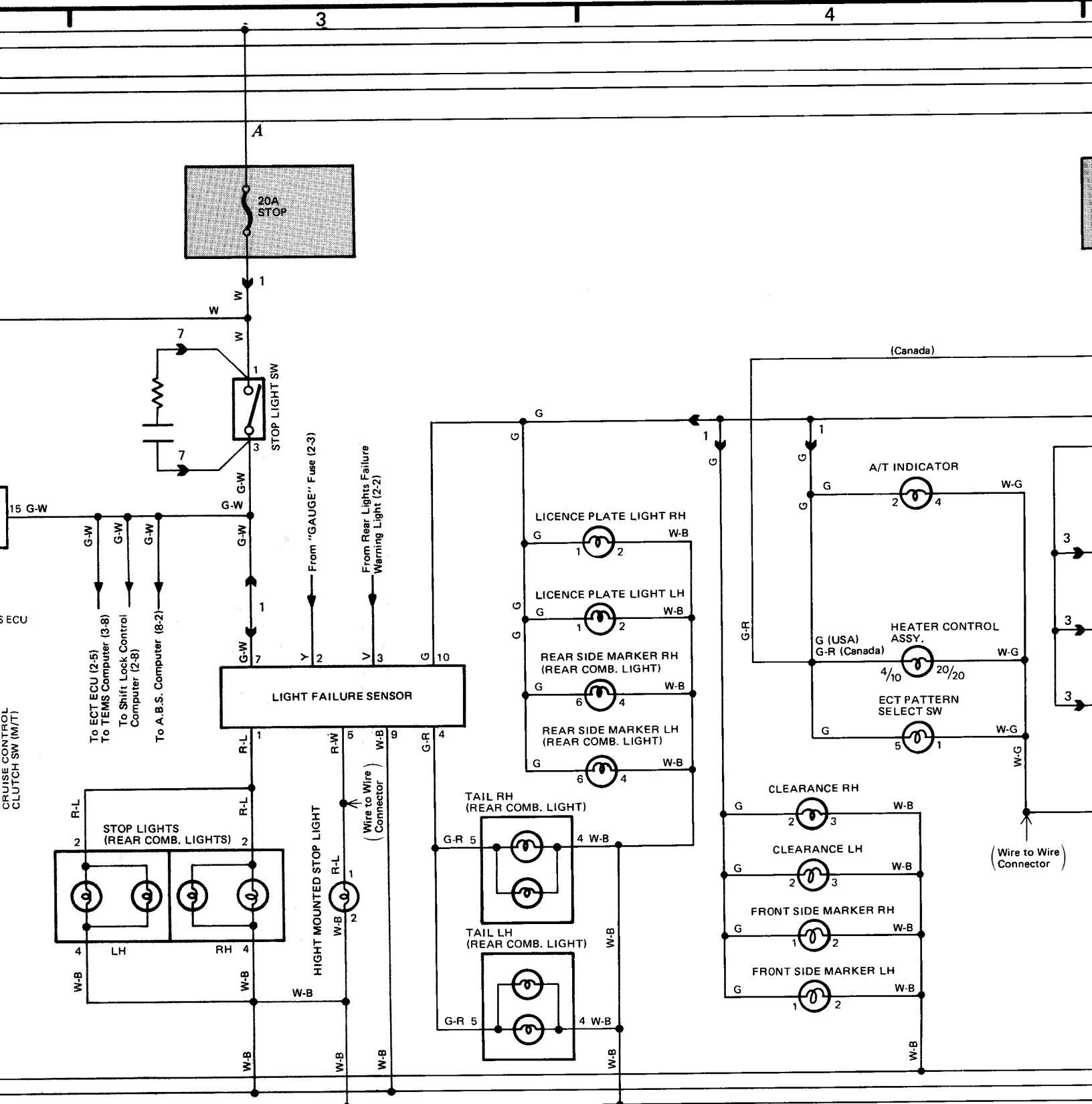
f = Located on back panel



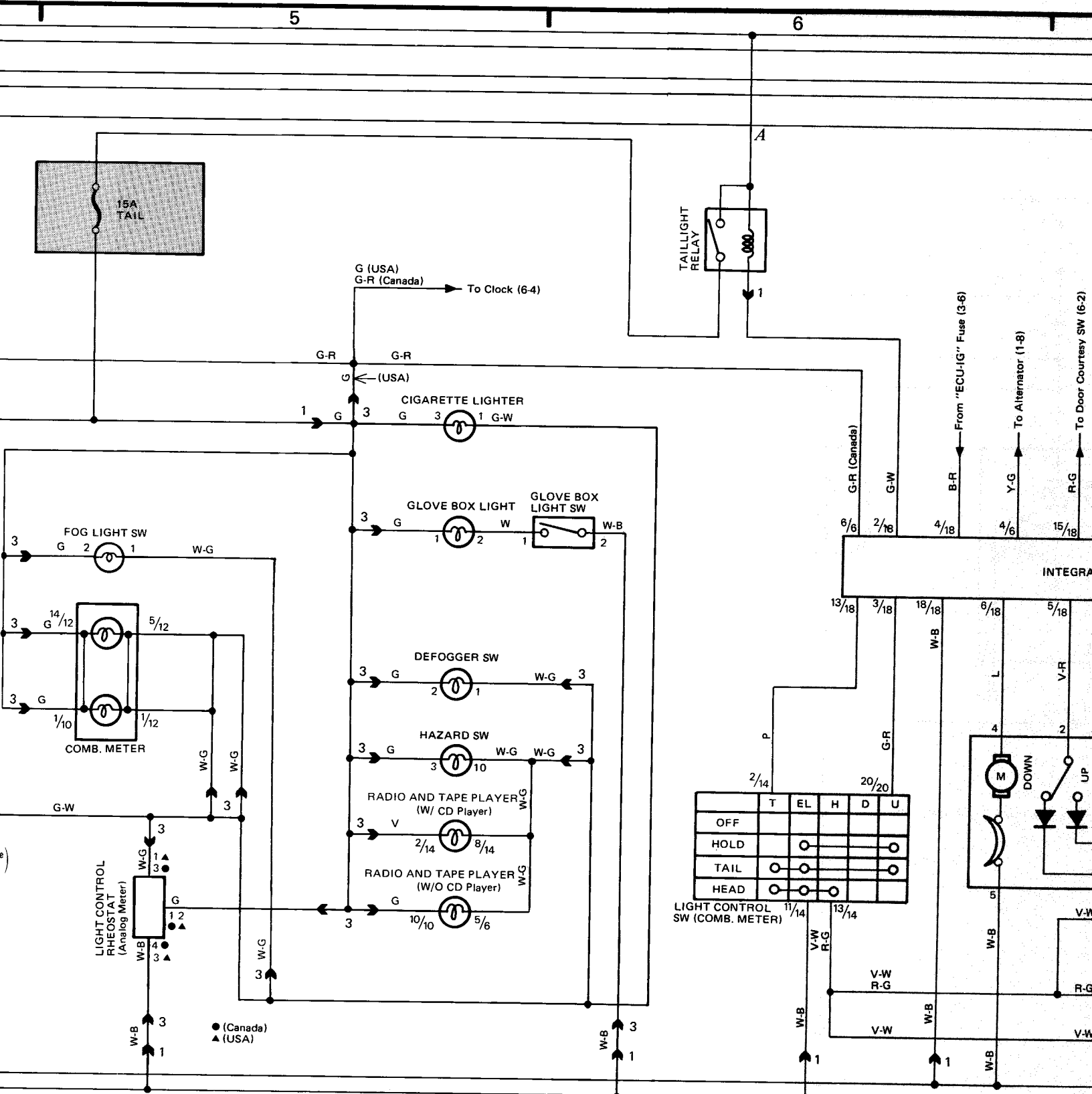
Stop Lights



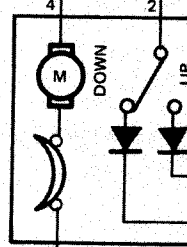
Tail



Taillights and Illumination

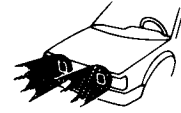


	T	EL	H	D	U
OFF					
HOLD					
TAIL					
HEAD					

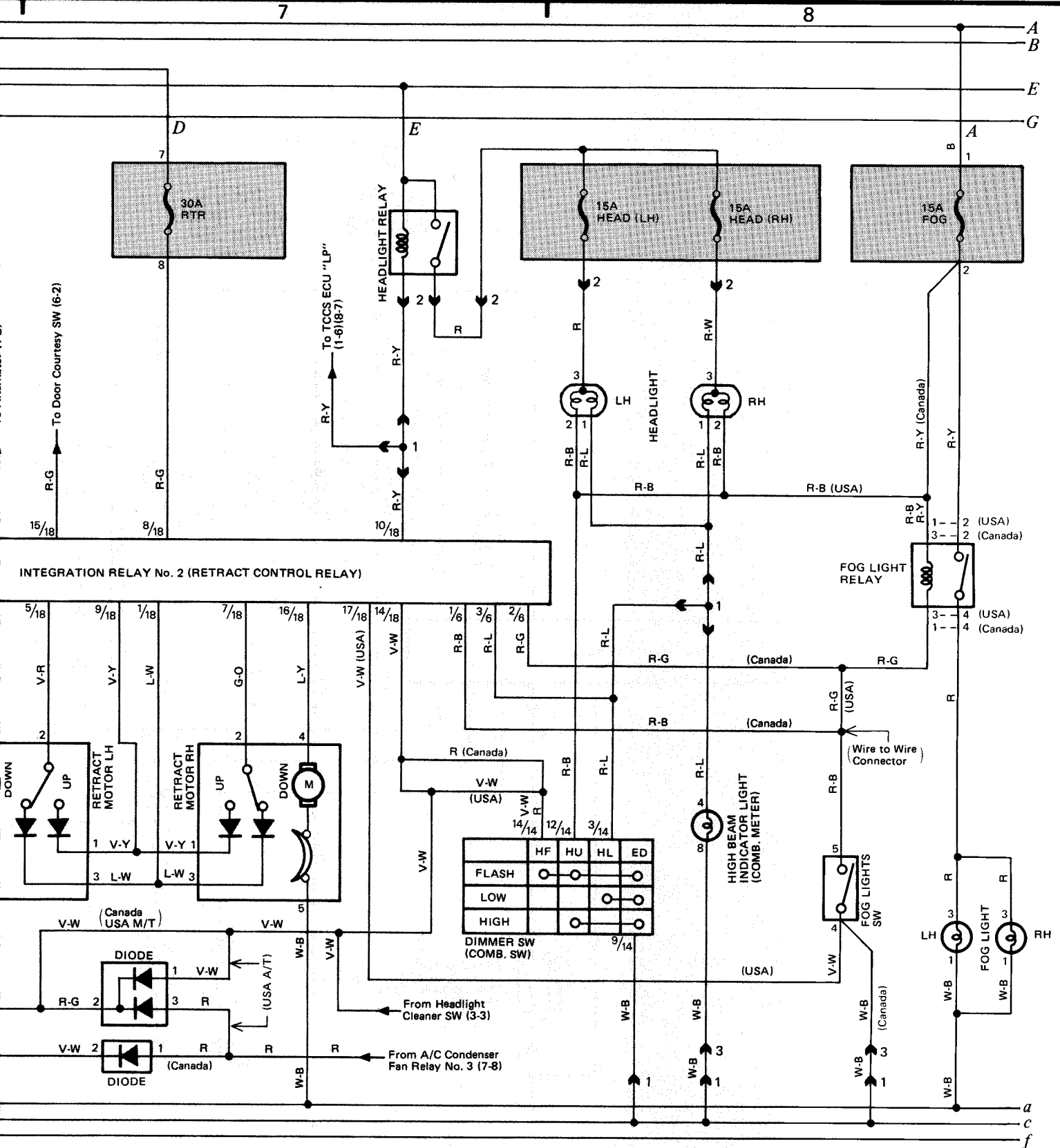


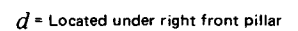


Headlights



Fog Lights







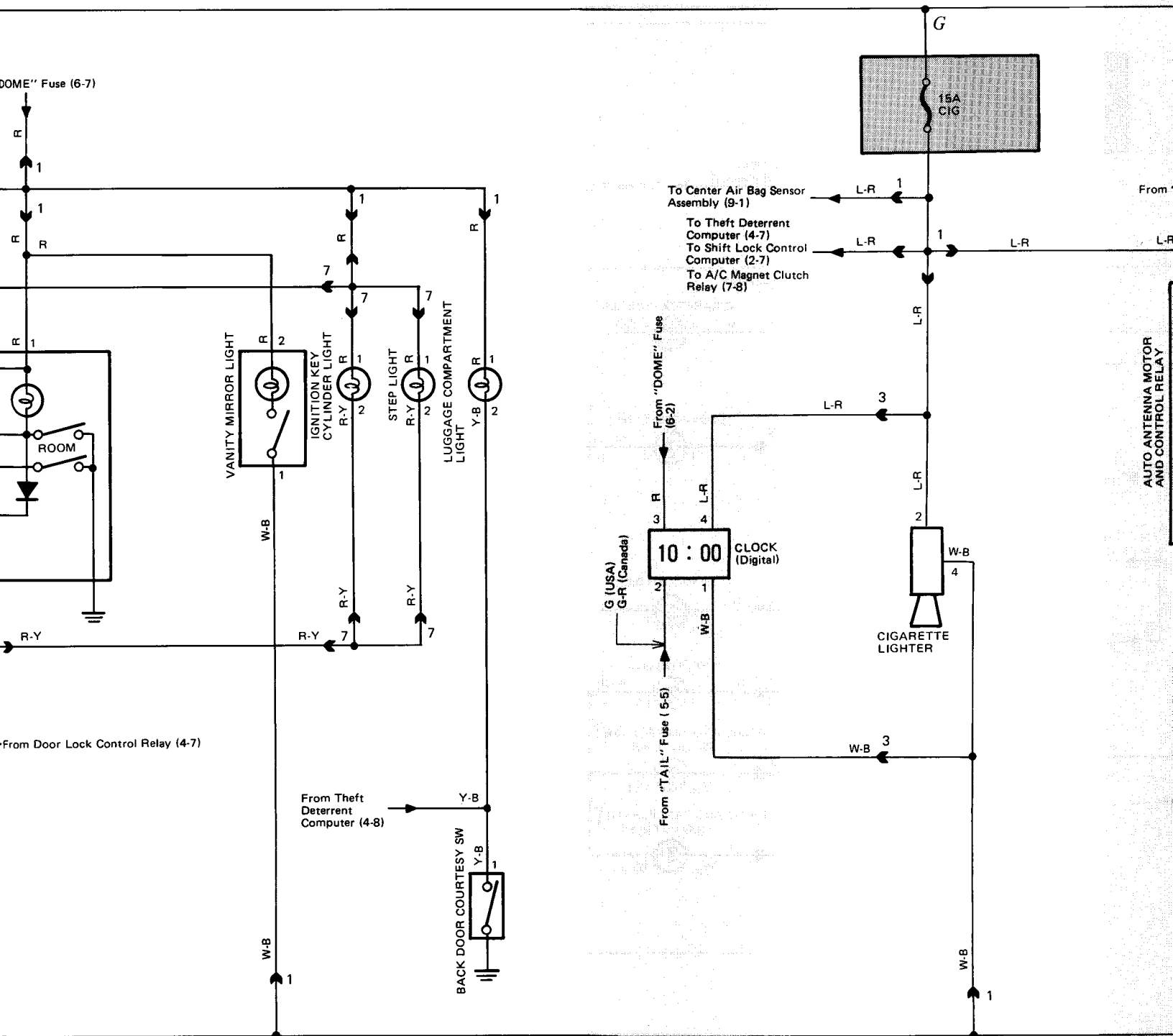
Interior Lights



Clock

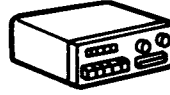


Cigarette Lighter





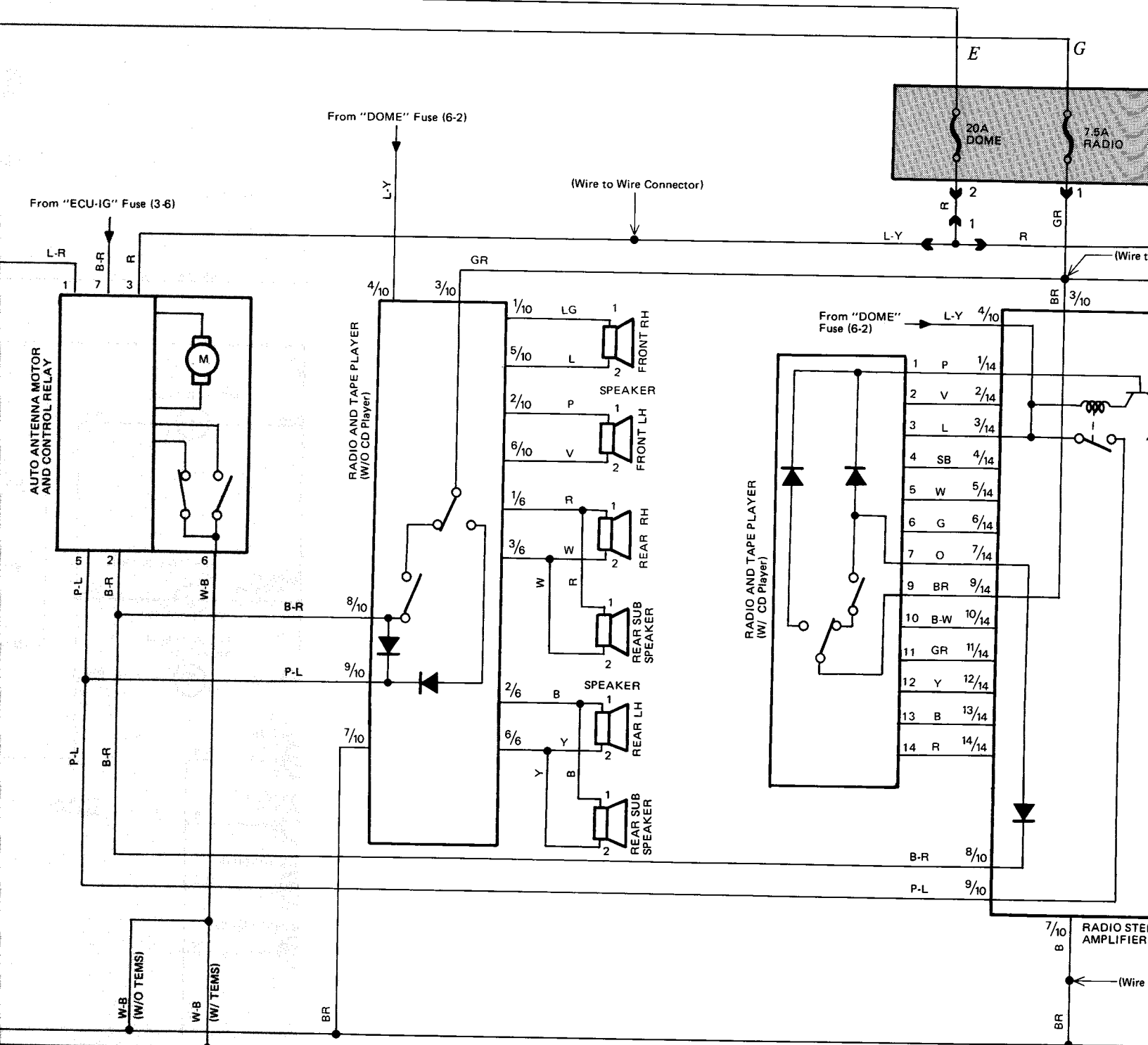
Auto Antenna



Radio and Tape Player

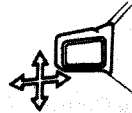
5

6

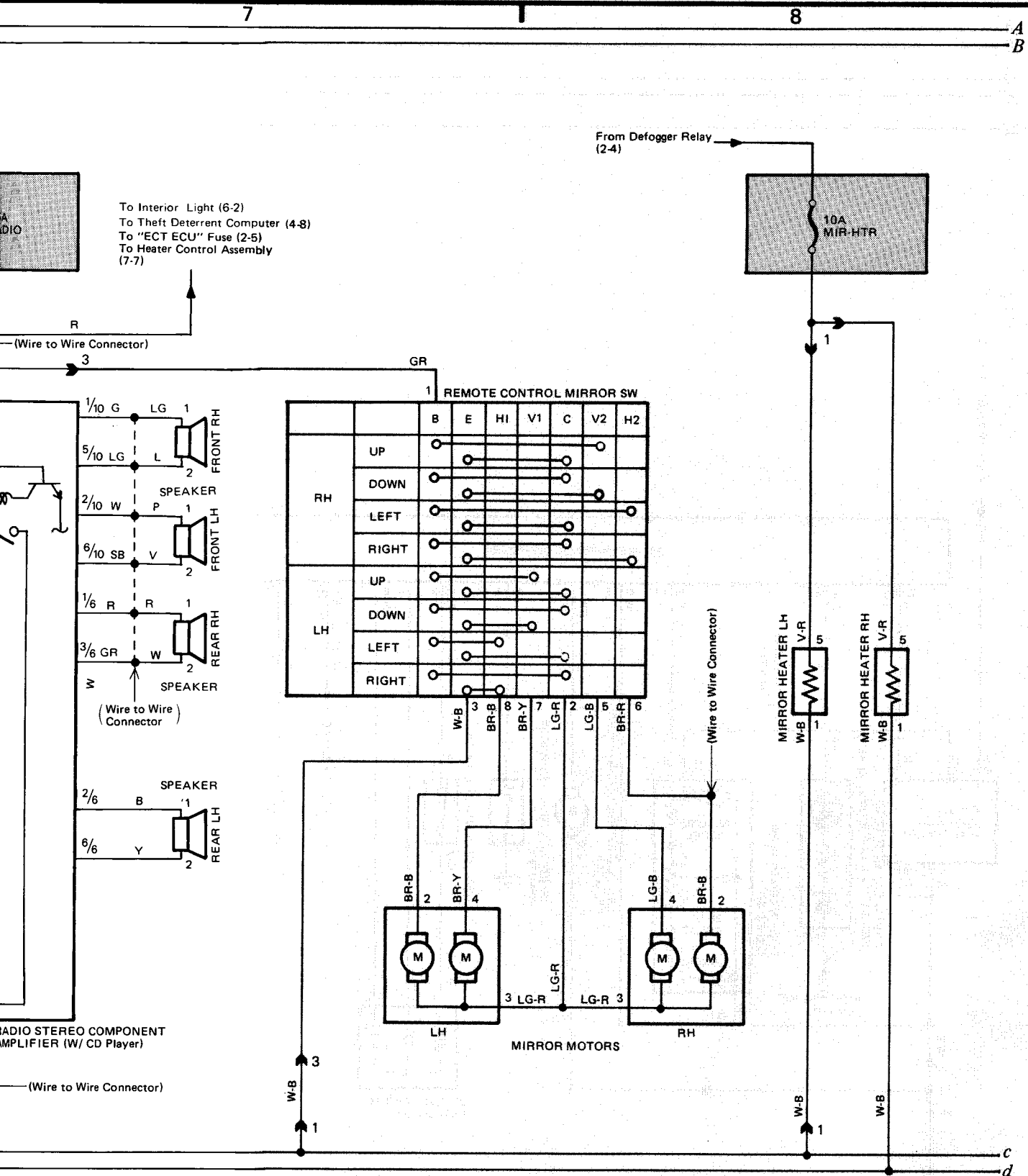


RADIO STEREO AMPLIFIER

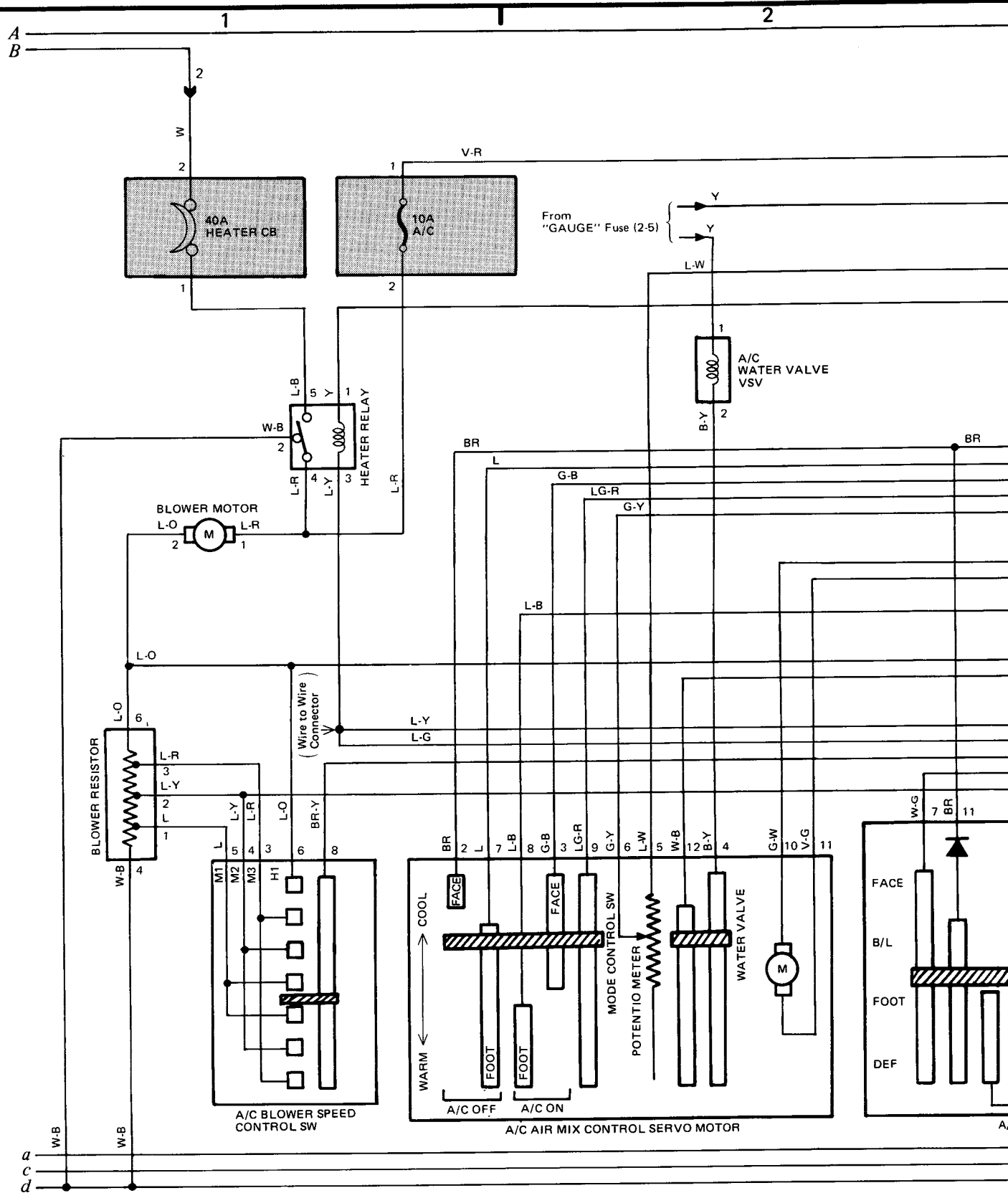
(Wire to Wire Connector)



Remote Control Mirrors with Heater



TOYOTA SUPRA (Cont'd)



Ground points

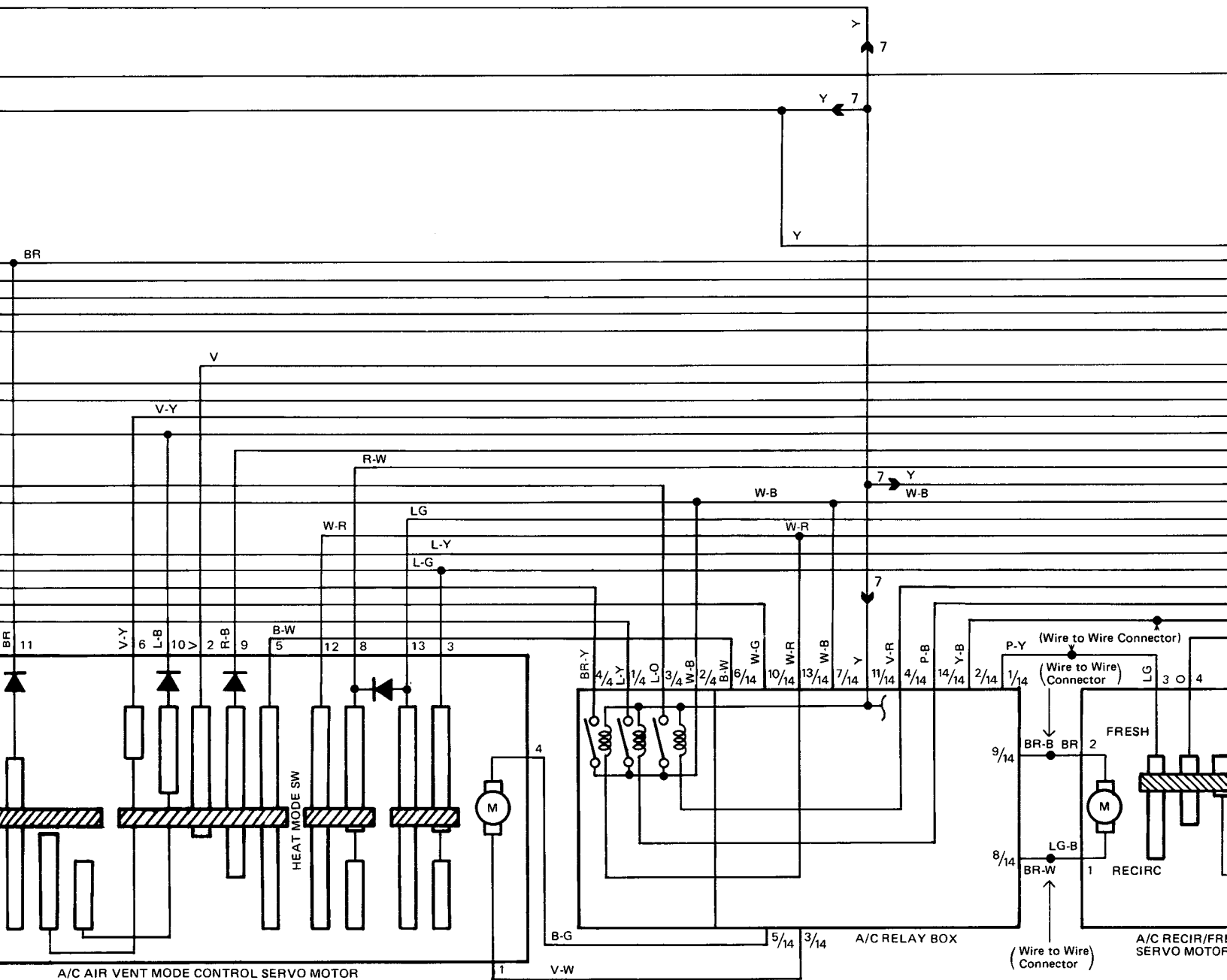
a = Located on left fender

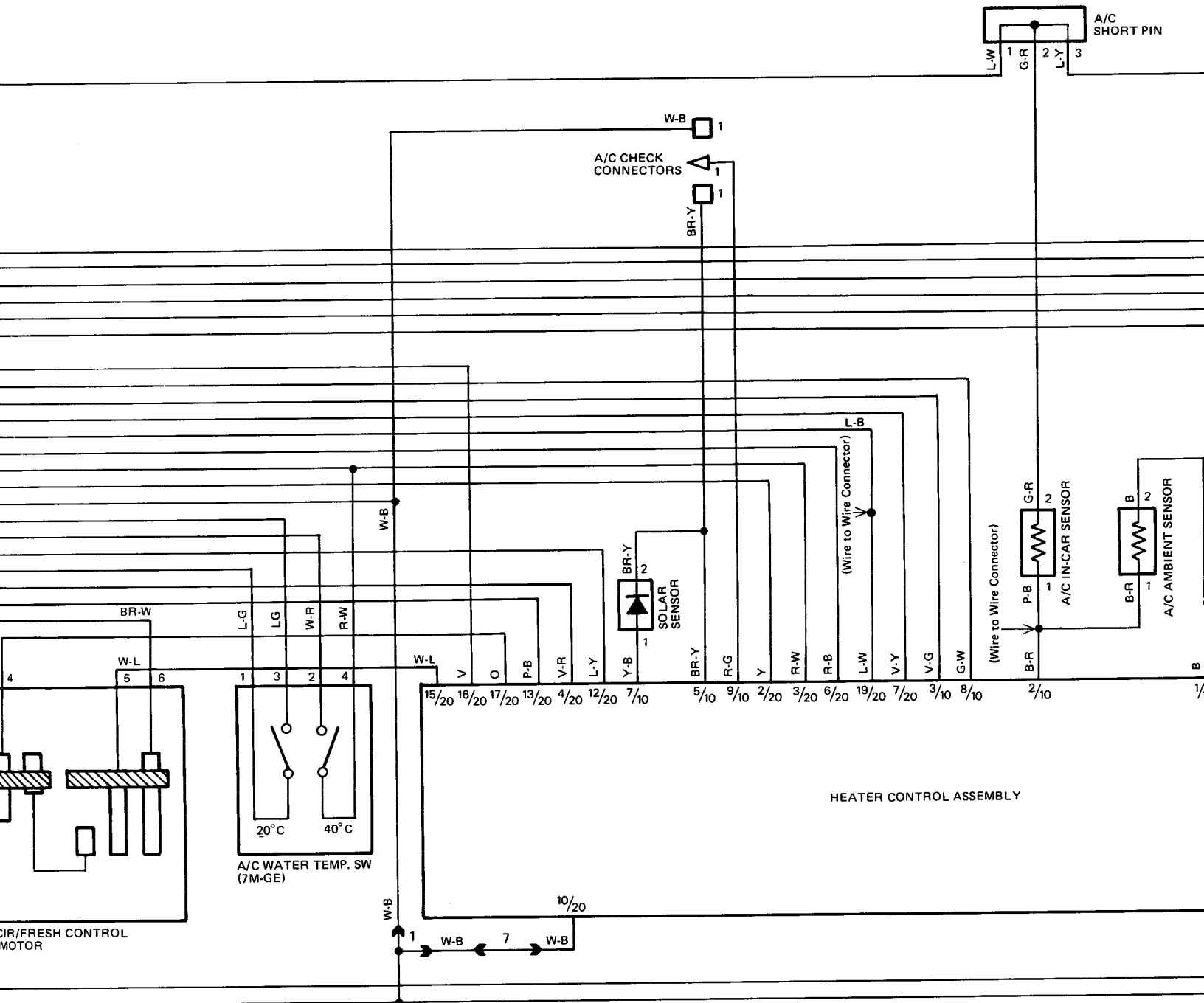
c = Located under left front pillar

d = Located under right front pillar



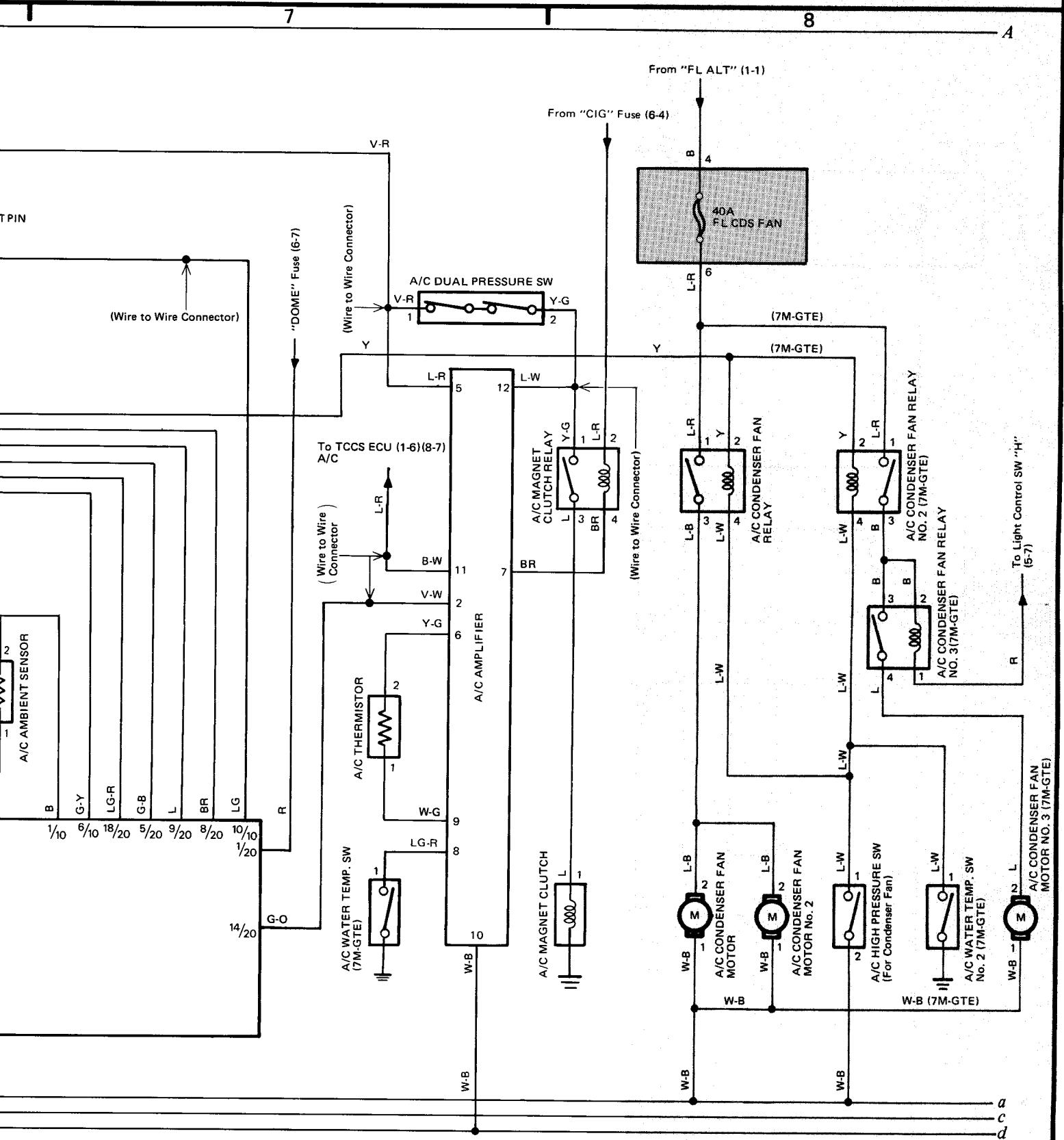
Air Con







Radiator Fan and Condenser Fan



[illegible]

d = Located under



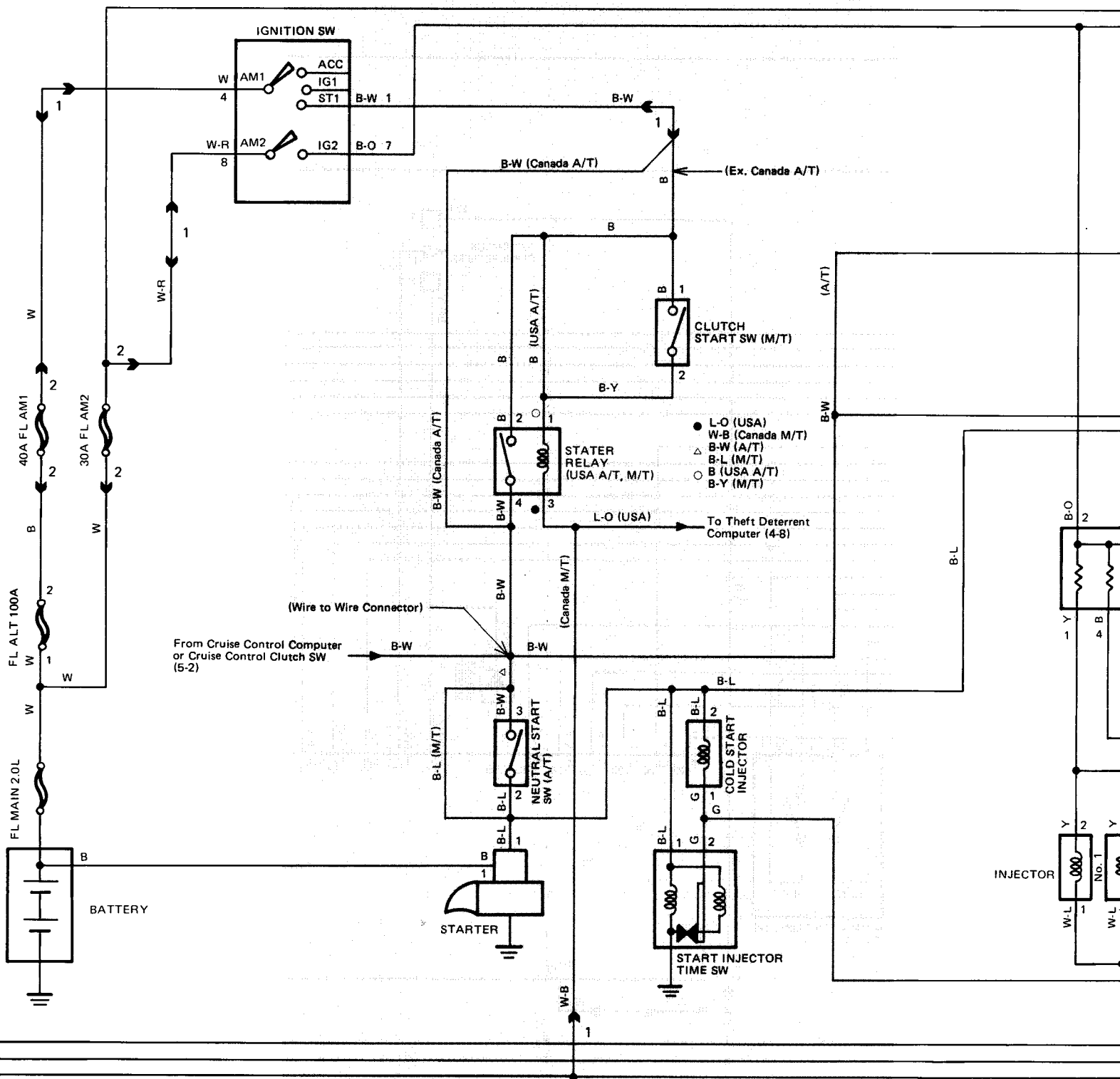
Power Source (7M-GTE)

3



Starting (7M-GTE)

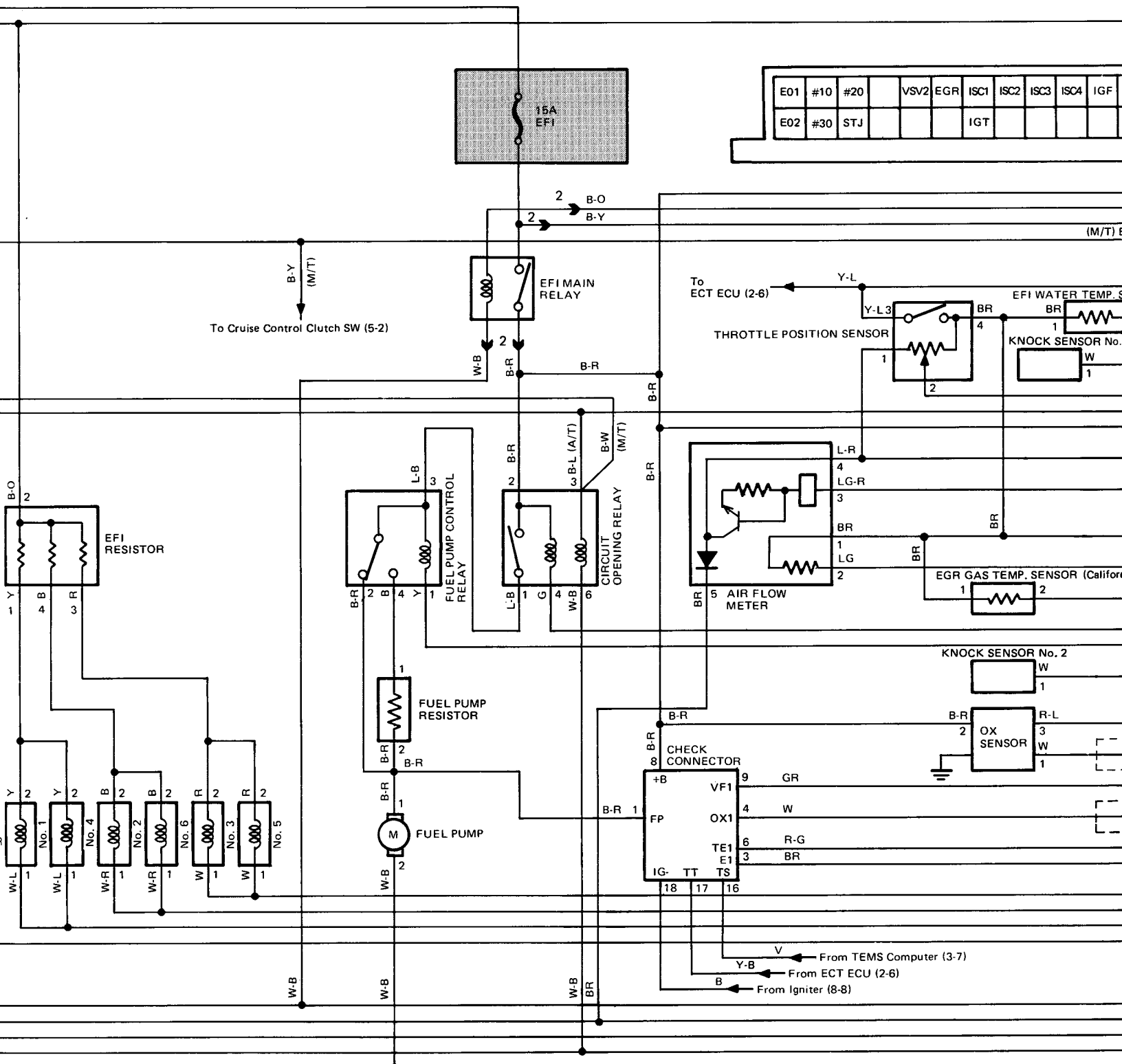
4



d under right front pillar

f = Located on back panel

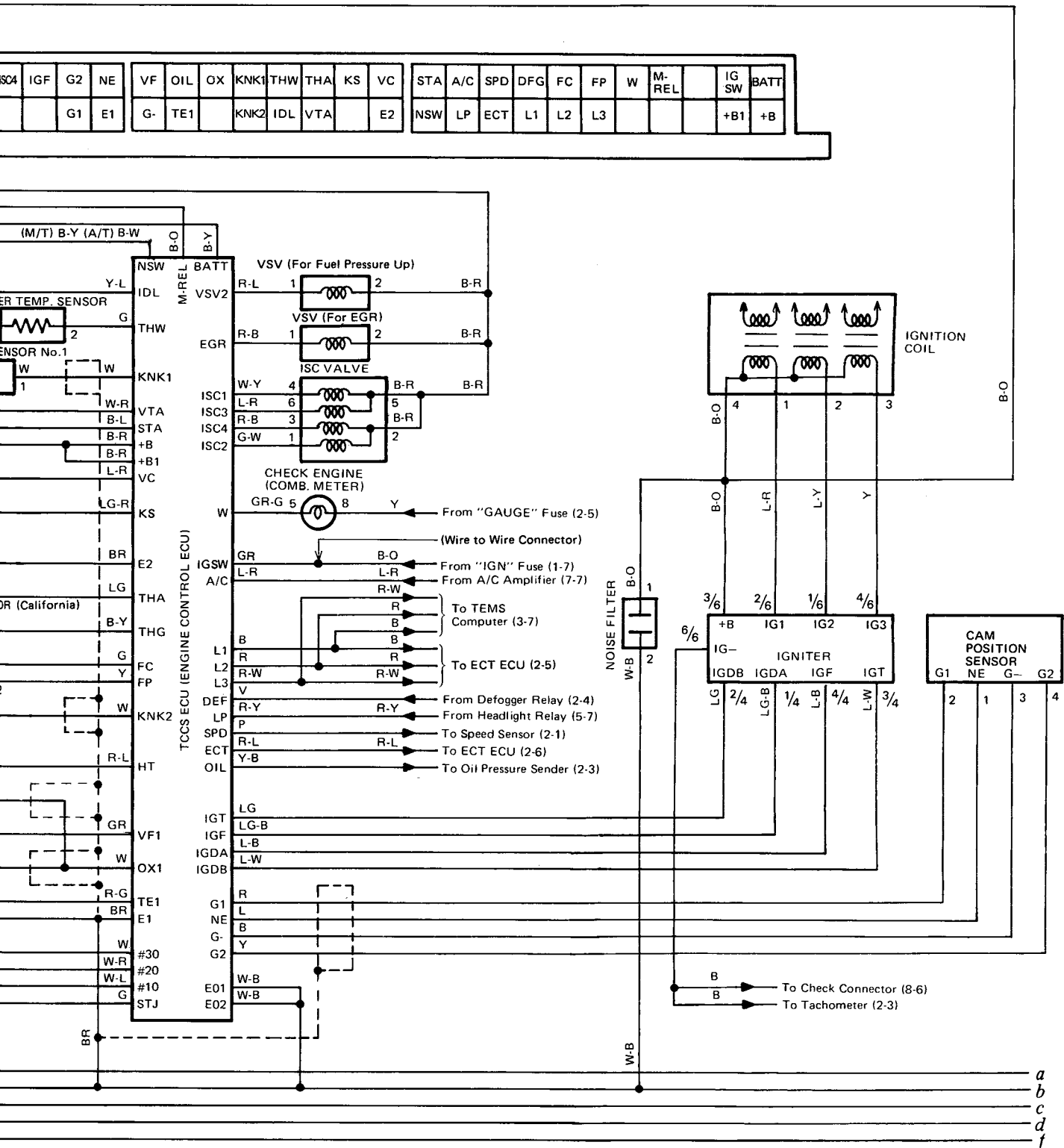
g = Located on right fender

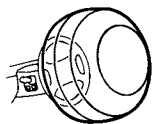


rol (7M-GTE)

7

8





SRS Airbag

