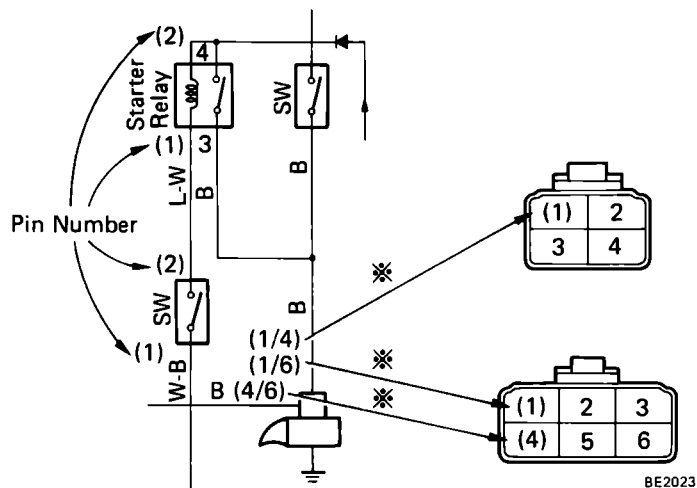


# ELECTRICAL WIRING DIAGRAMS

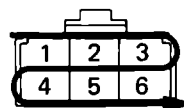
## HOW TO READ THIS SECTION

### PIN NUMBER



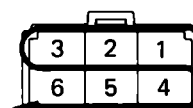
※ When connectors with different numbers of terminals are used with the same parts, the pin number and the numbers of terminals are specified.  
 e.g. (1/4) = No. 1 pin/4 terminals connector

Numbered in order from upper left to lower right



Female

Numbered in order from upper right to lower left

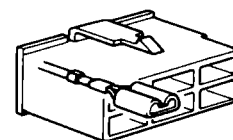


Male

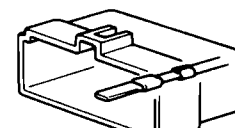
BE0832

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

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



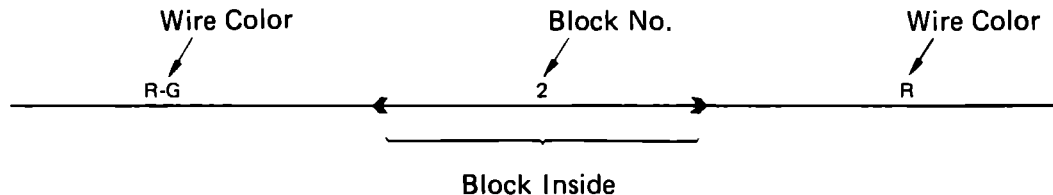
Female



Male

BE0833

### JUNCTION BLOCK OR RELAY BLOCK



### WIRE COLOR

Wire colors are indicated by an alphabetical code.

B = Black	BR = Brown	G = Green	GR = Gray	L = Blue
LG = Light Green	O = Orange	P = Pink	R = Red	V = Violet
W = White	Y = Yellow			

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.

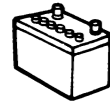
A.B.S. = Anti-Lock Brake System	L/B = Liftback
A/C = Air Conditioner	LH = Left-Hand
A/T = Automatic Transaxle	M/T = Manual Transaxle
CB = Circuit Breaker	OX = Oxygen
COMB. = Combination	R/B = Relay Block
C/P = Coupe	RH = Right-Hand
ECT = Electronic Controlled Transmission	SW = Switch
ECU = Electronic Controlled Unit	TCCS = Toyota Computer Controlled System
EFI = Electronic Fuel Injection	T/M = Transmission
EGR = Exhaust Gas Recirculation	T-VIS = Toyota-Variable Induction System
FL = Fusible Link	VSV = Vacuum Switching Valve
ISC = Idle Speed Control	w/ = With
J/B = Junction Block	w/o = Without

# SYSTEM INDEX

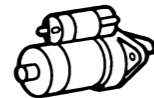
CELICA

1989 Model (Page 1 to Page 8)

SYSTEMS	LOCATION	SYSTEMS	LOCATION
A.B.S. (Anti-lock Brake System)	 7-4 (3S-GTE) 7-6 (Ex. 3S-GTE)	Overdrive	 4-5
Air Conditioner, Cooler and Heater	 2-4 (Lever) 3-4 (Push)	Power Seats	 6-6
Auto Antenna	 7-2	Power Source	 1-1 8-1 (3S-GTE)
Automatic Transmission Indicator	 4-7	Power Windows	 6-5
Back-up Lights	 4-8	Radiator Fan and Condenser Fan	 2-2
Charging	 2-1	Radio and Tape Player	 7-2
Cigarette Lighter	 7-1	Rear Window Defogger	 4-5
Clock	 7-1	Rear Wiper and Washer	 2-6
Combination Meter	 4-2	Remote Control Mirrors with Heater	 4-3
Cruise Control	 5-1	Starting	 1-1 (Ex. 3S-GTE) 8-2 (3S-GTE)
Door Locks	 6-4	Stop Lights	 5-2
ECT (Electronic Control Transmission)	 4-6	Sun Roof	 6-7
Fog Lights	 5-6	Taillights and Illumination	 5-4
Front Wiper and Washer	 2-6	TCCS	 1-3 (3S-GE) 1-6 (3S-FE) 8-5 (3S-GTE)
Headlights	 5-7	Turn Signal and Hazard	 2-7
Horn	 2-8	Unlock and Seat Belt Warning	 6-1
Idle-up	 6-8		
Interior Lights	 6-2		



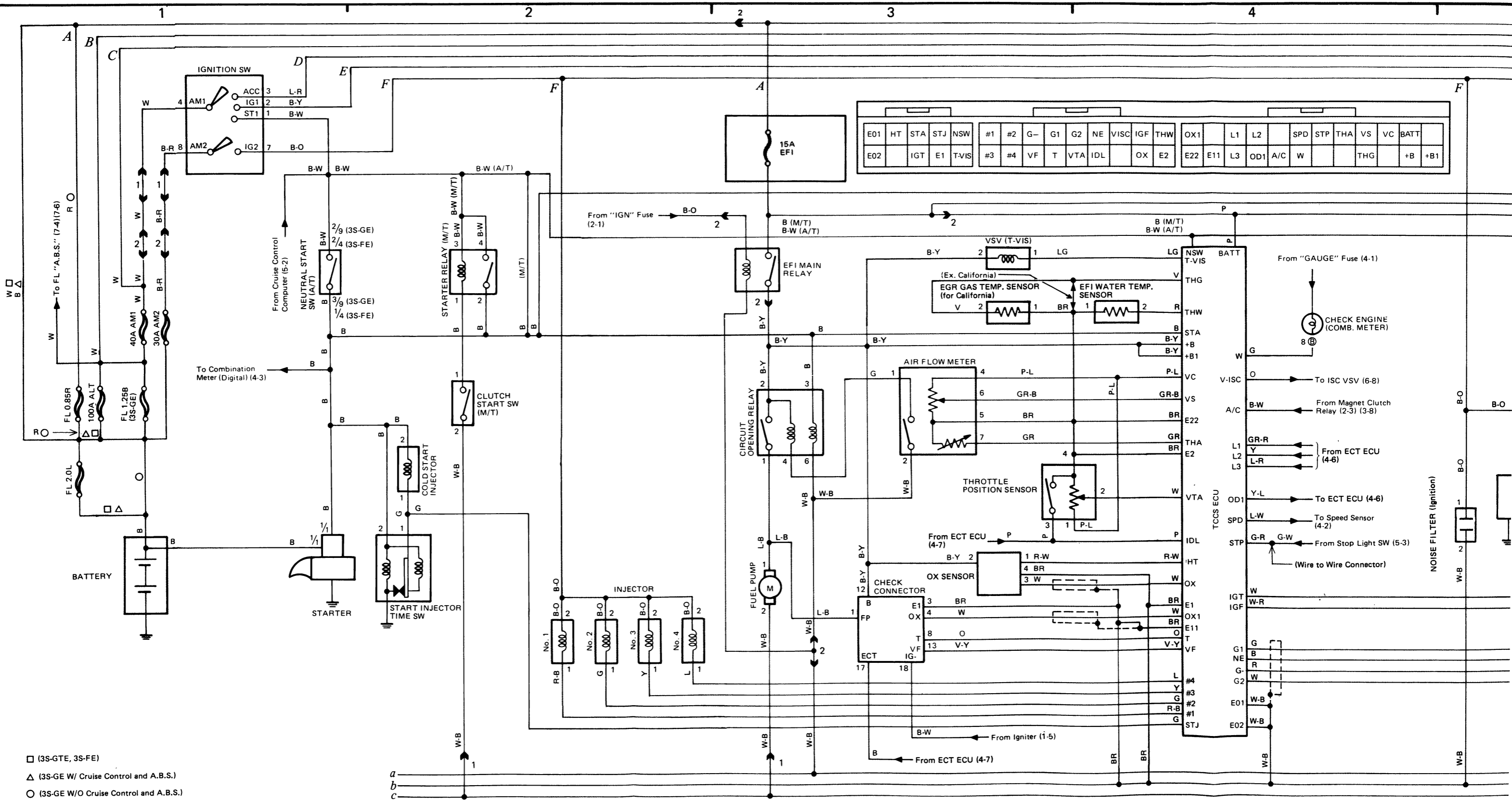
Power Source



Starting (Ex. 3S-GTE)

TCCS

TCCS (3S-GE)

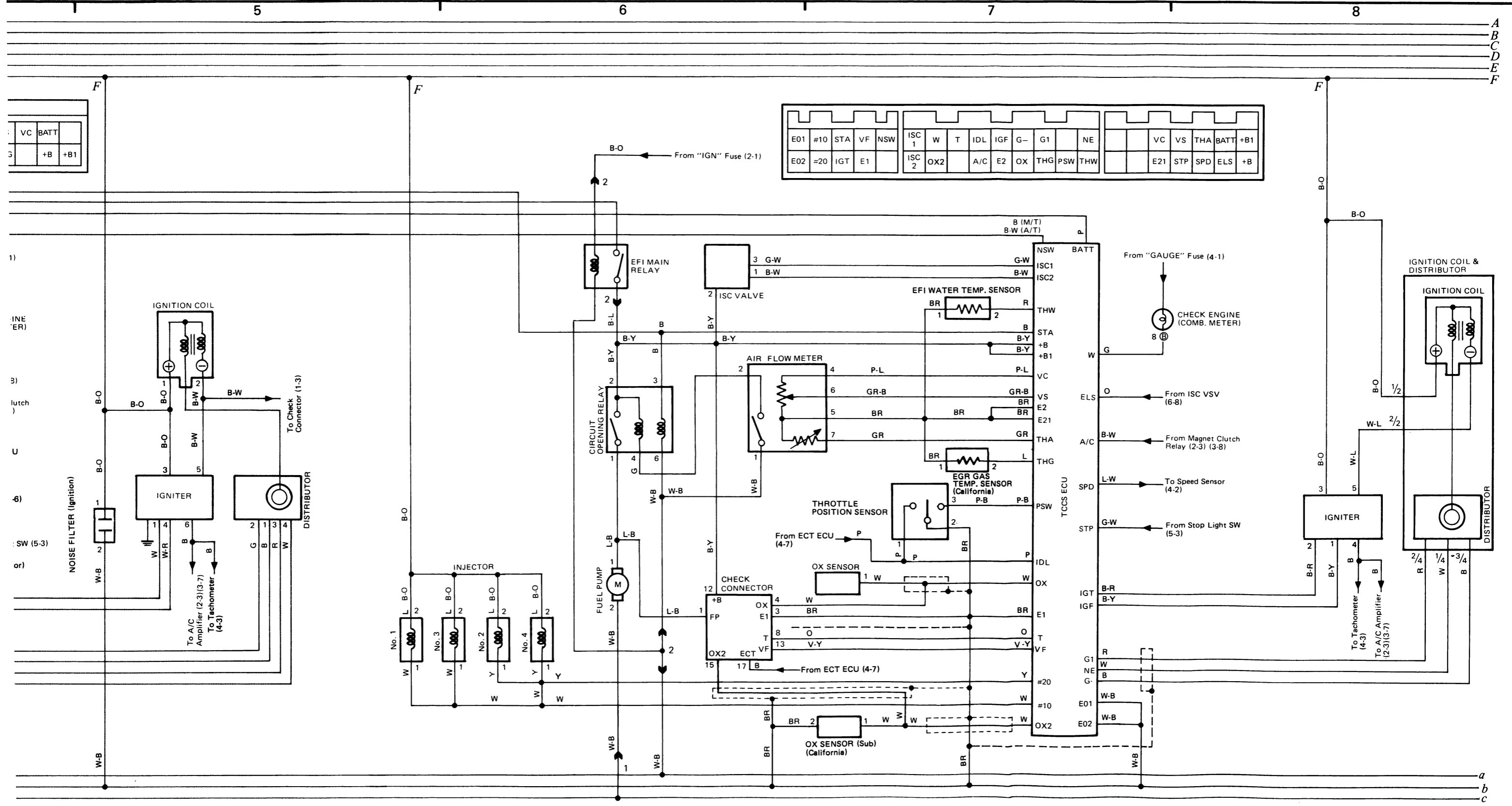


- (3S-GTE, 3S-FE)
- △ (3S-GE W/ Cruise Control and A.B.S.)
- (3S-GE W/O Cruise Control and A.B.S.)

Ground points      a = Located on right front fender      b = Located on engine block      c = Located under left front pillar in J/B No. 1

TCCS

TCCS (3S-FE)



VC	BATT
+B	+B1

E01	#10	STA	VF	NSW	ISC 1	W	T	IDL	IGF	G-	G1	NE	VC	VS	THA	BATT	+B1
E02	#20	IGT	E1		ISC 2	OX2	A/C	E2	OX	THG	PSW	THW	E21	STP	SPD	ELS	+B

1) INE (ER)

3) lutch )

U

6) SW (5-3)

or)

A

B

C

D

E

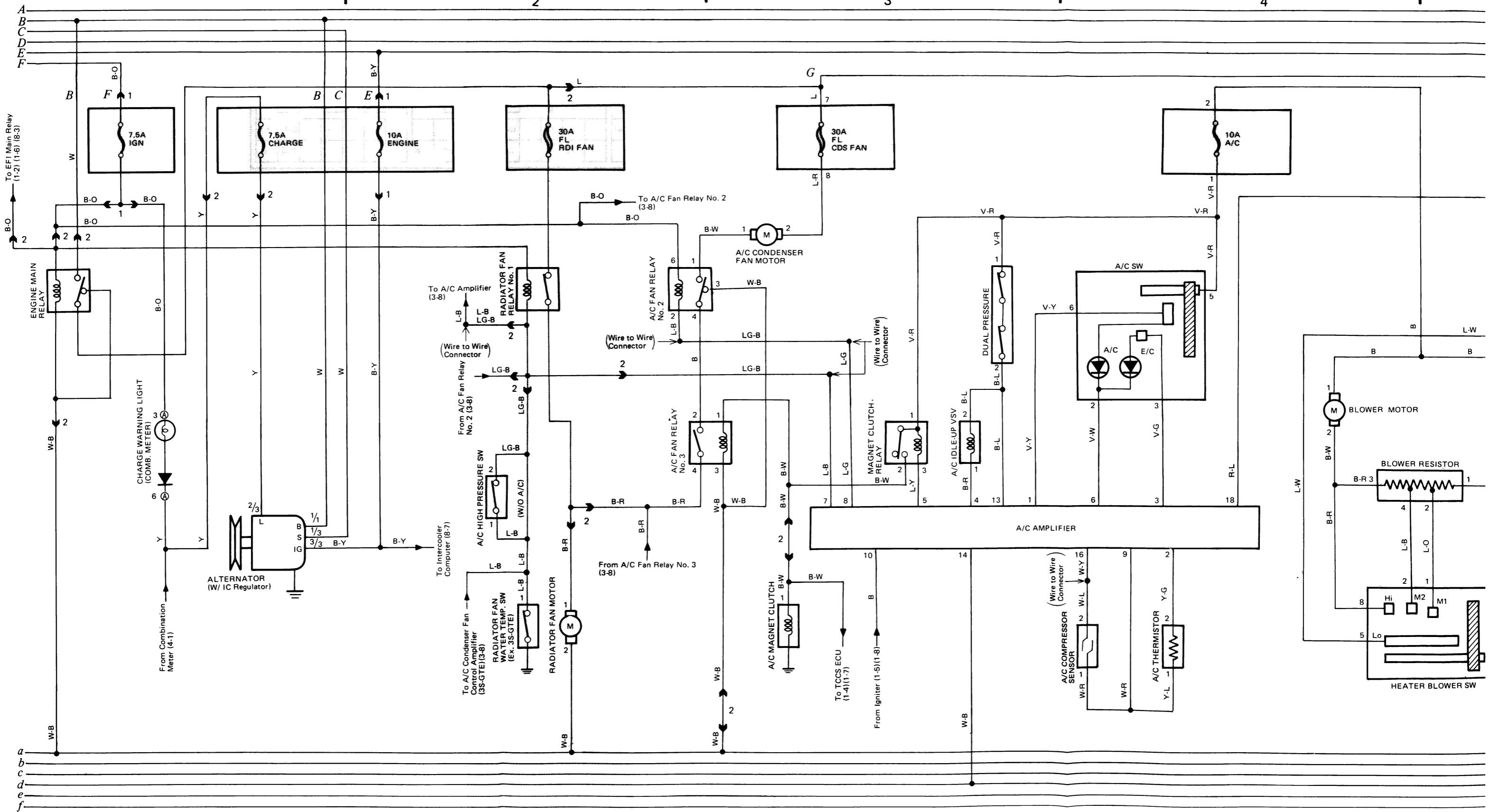
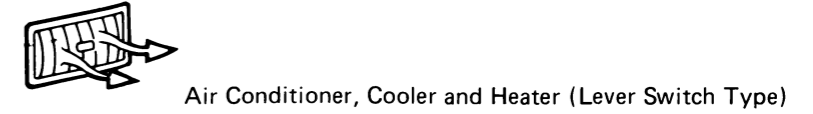
F

a

b

c

# 2 CELICA (Cont'd)



Ground points

a = Located on right front fender

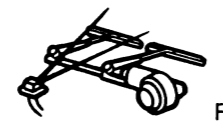
b = Located on engine block

c = Located under left front pillar in J/B No. 1

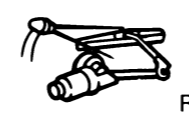
d = Located under left front pillar in R/B No. 4

e = Located in Left side of instrument panel

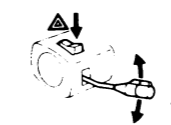
f = Located on center of back panel



Front Wiper and Washer



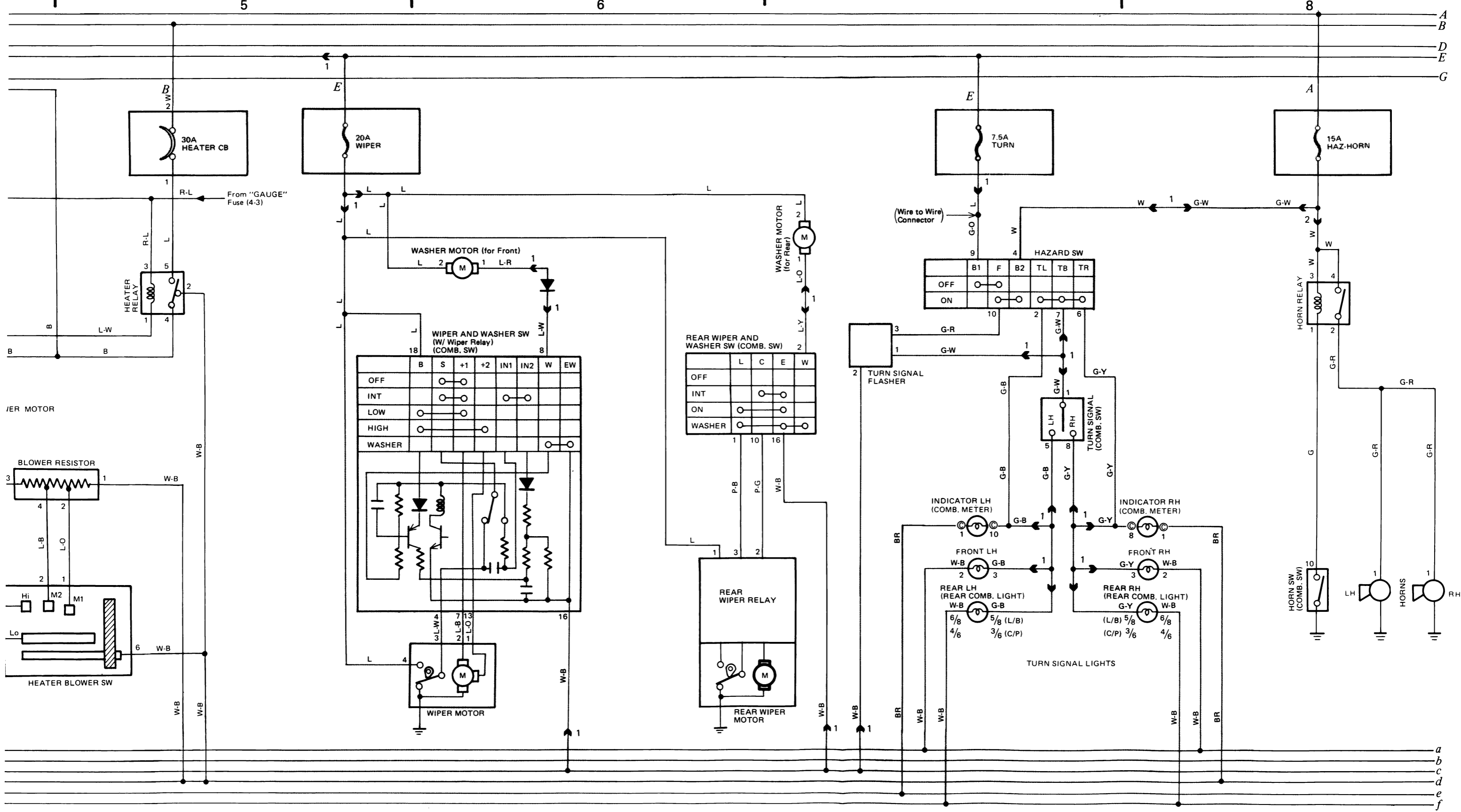
Rear Wiper and Washer

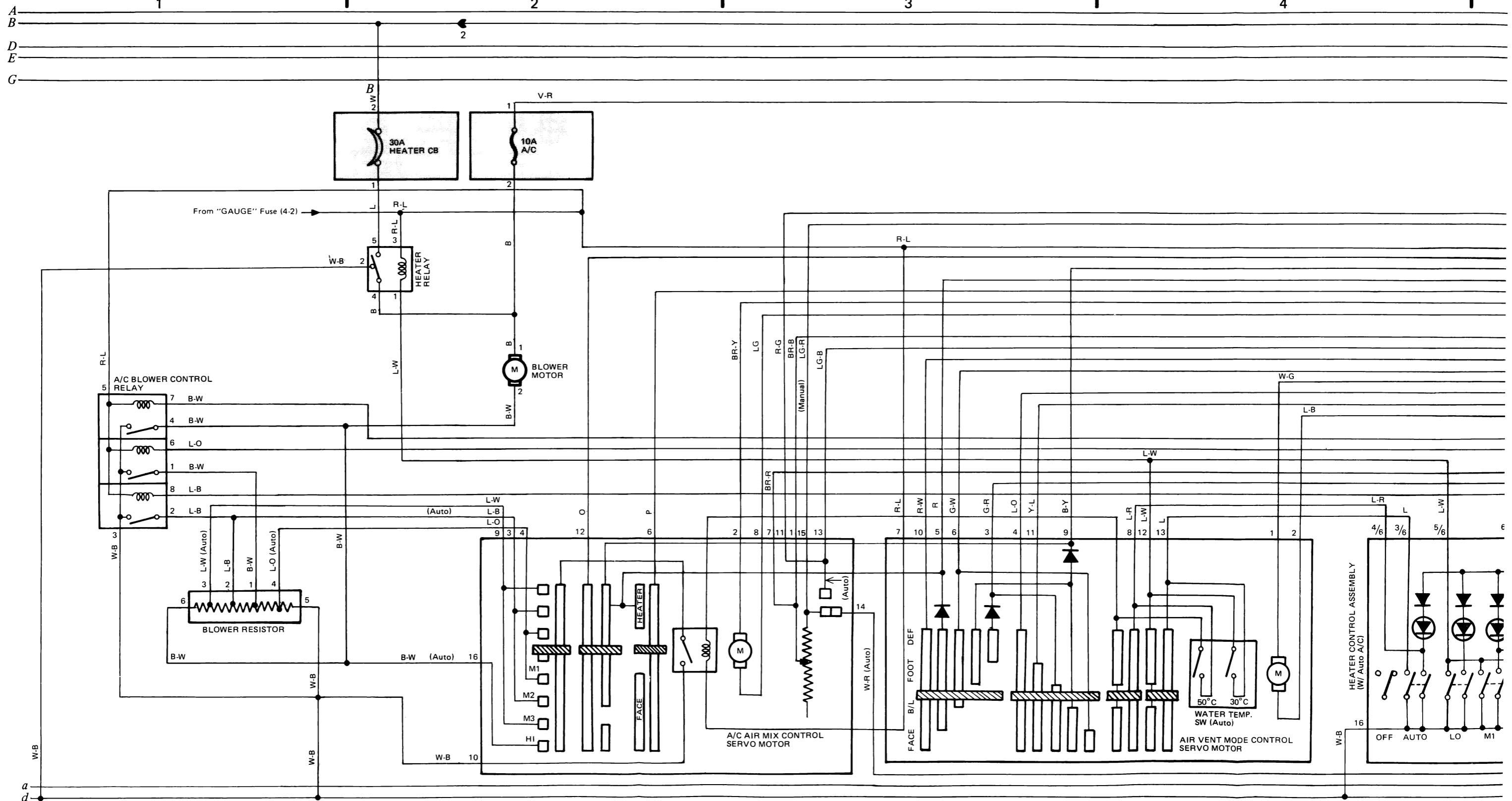


Turn Signal and Hazard



Horn



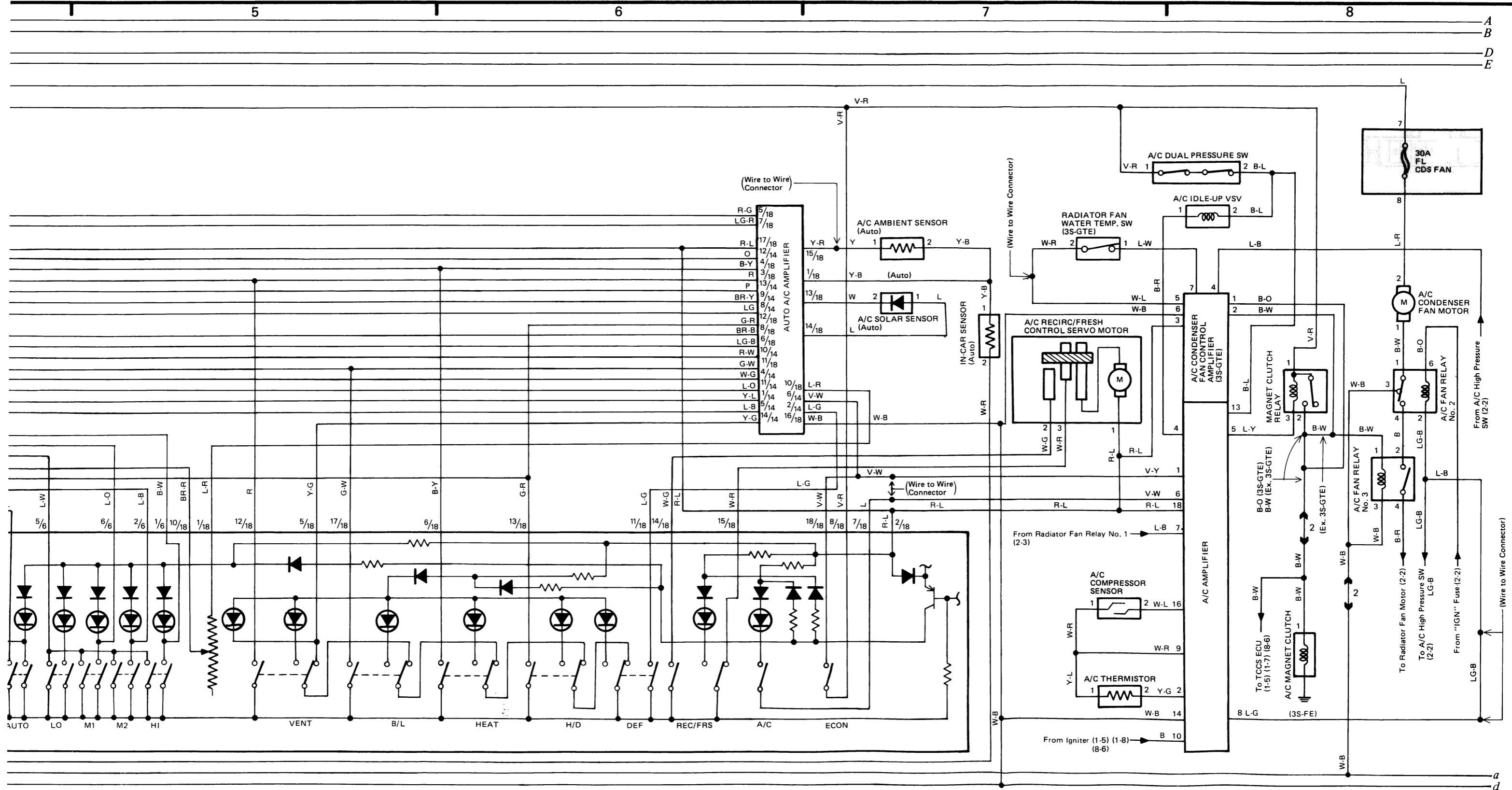


Ground points

*a* = Located on right front fender

*d* = Located under left pillar in R/B No. 4

r Conditioner Cooler and Heater (Push Switch Type)

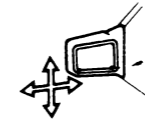




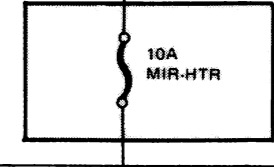
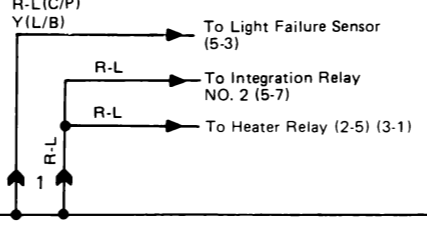
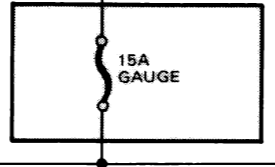
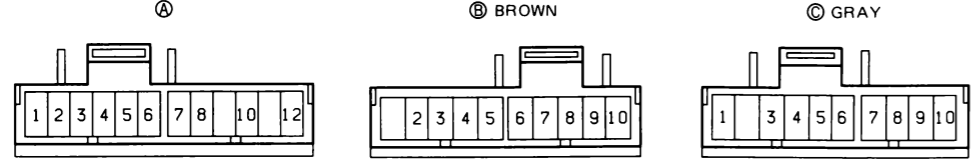
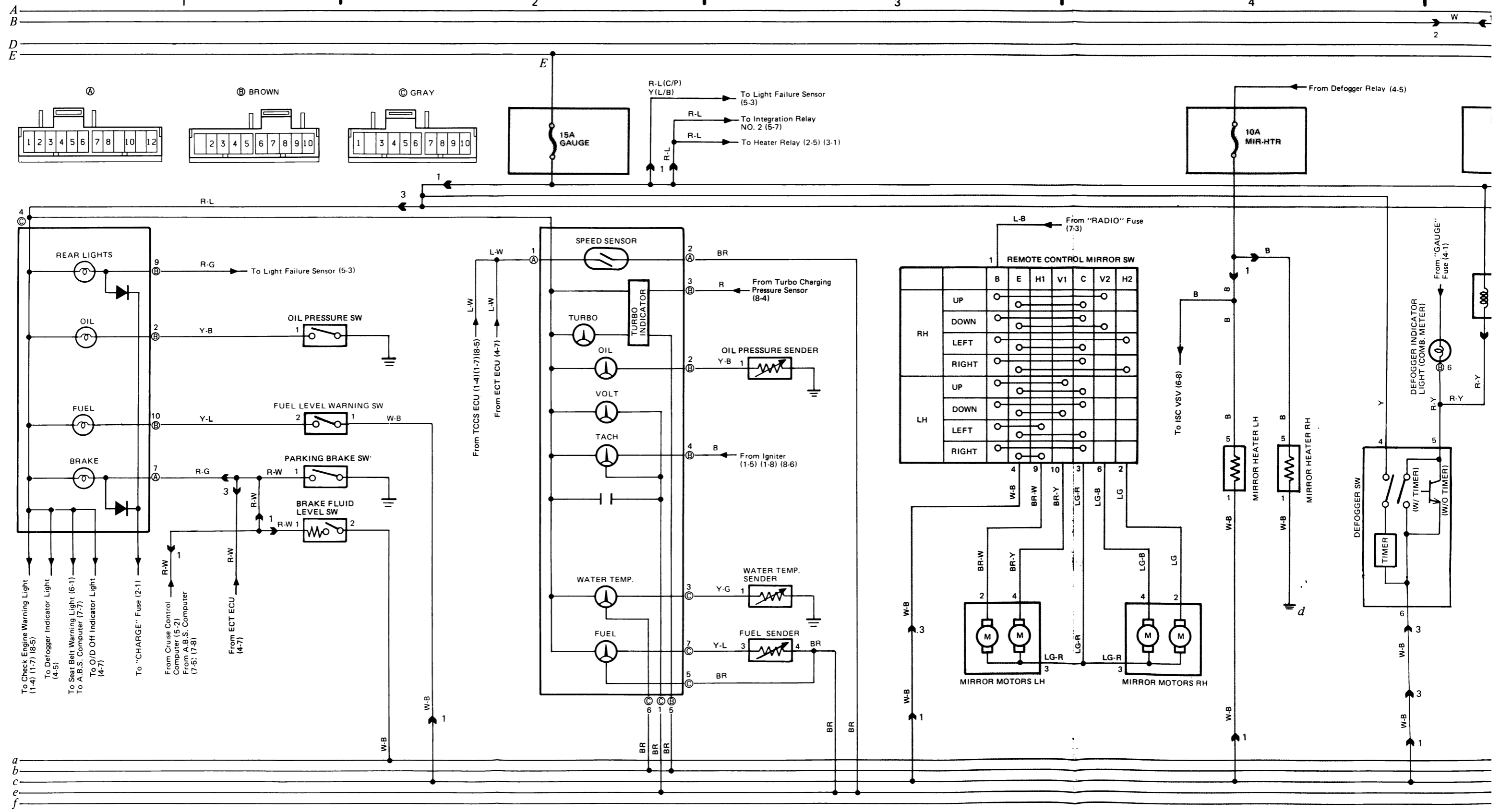
# 4 CELICA (Cont'd)



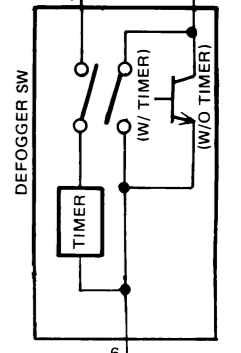
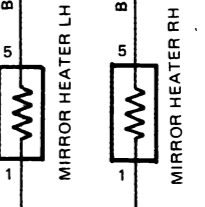
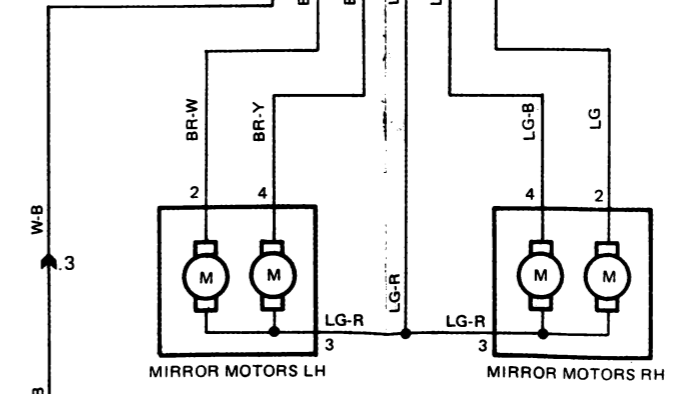
Combination Meter



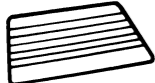
Remote Control Mirrors with Heater



		B	E	H1	V1	C	V2	H2
RH	UP	○	○	○	○	○	○	○
	DOWN	○	○	○	○	○	○	○
	LEFT	○	○	○	○	○	○	○
LH	UP	○	○	○	○	○	○	○
	DOWN	○	○	○	○	○	○	○
	LEFT	○	○	○	○	○	○	○
	RIGHT	○	○	○	○	○	○	○



Ground points a = Located on right front fender b = Located on engine block c = Located under left front pillar in J/B No. 1 e = Located in left side of instrument panel f = Located on center of back panel



Rear Window Defogger



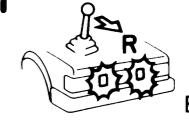
Overdrive



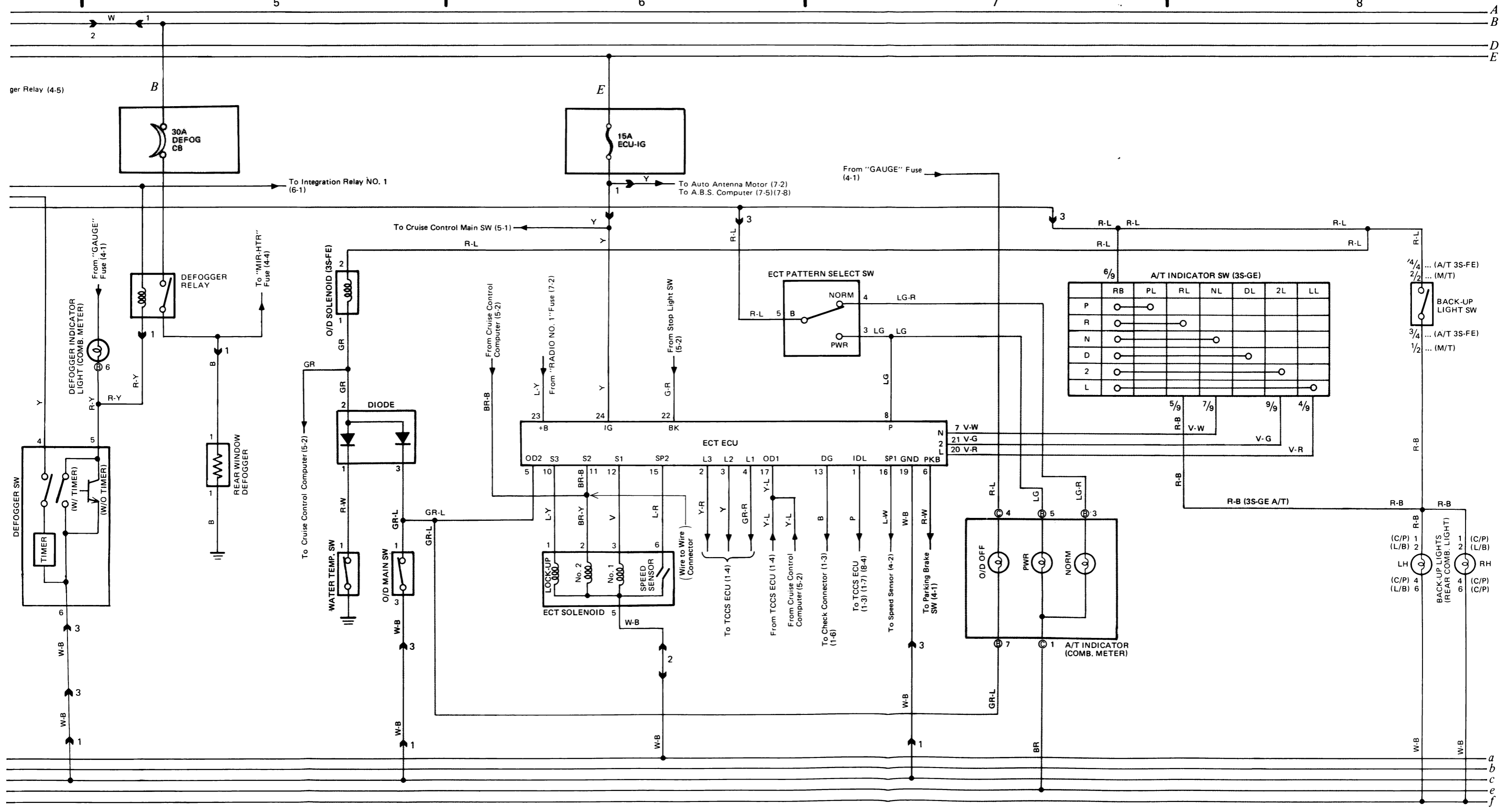
ECT (Electronic Controlled Transmission)



Automatic Transmission Indicator



Back-up Lights

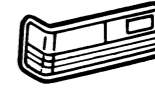




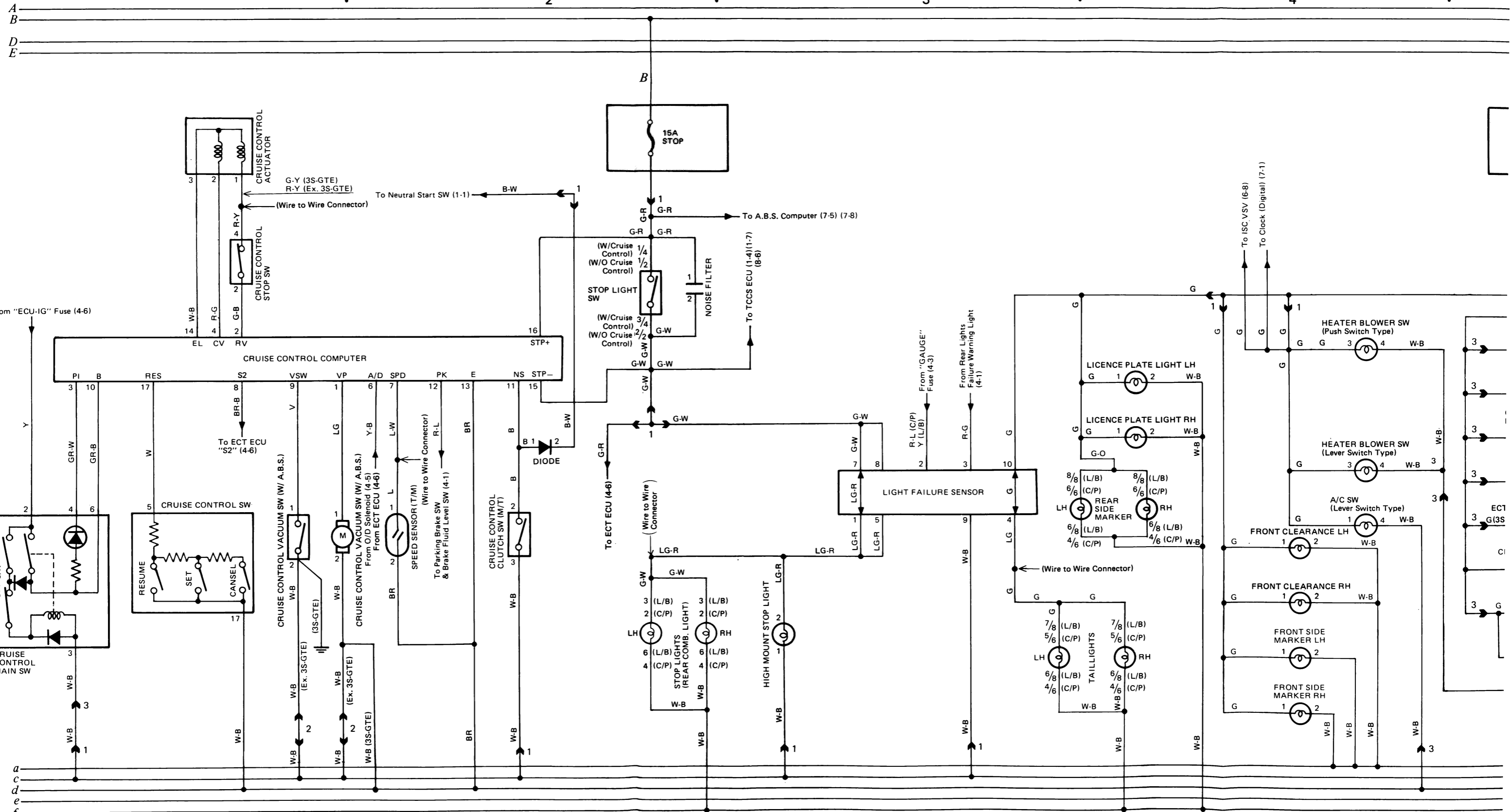
Cruise Control



Stop Lights



Taillights and Illumination



Ground points

a = Located on right front fender

c = Located under left front pillar in J/B No. 1

d = Located under left front pillar in R/B No. 4

e = Located in left side of instrument panel

f = Located on center of back panel

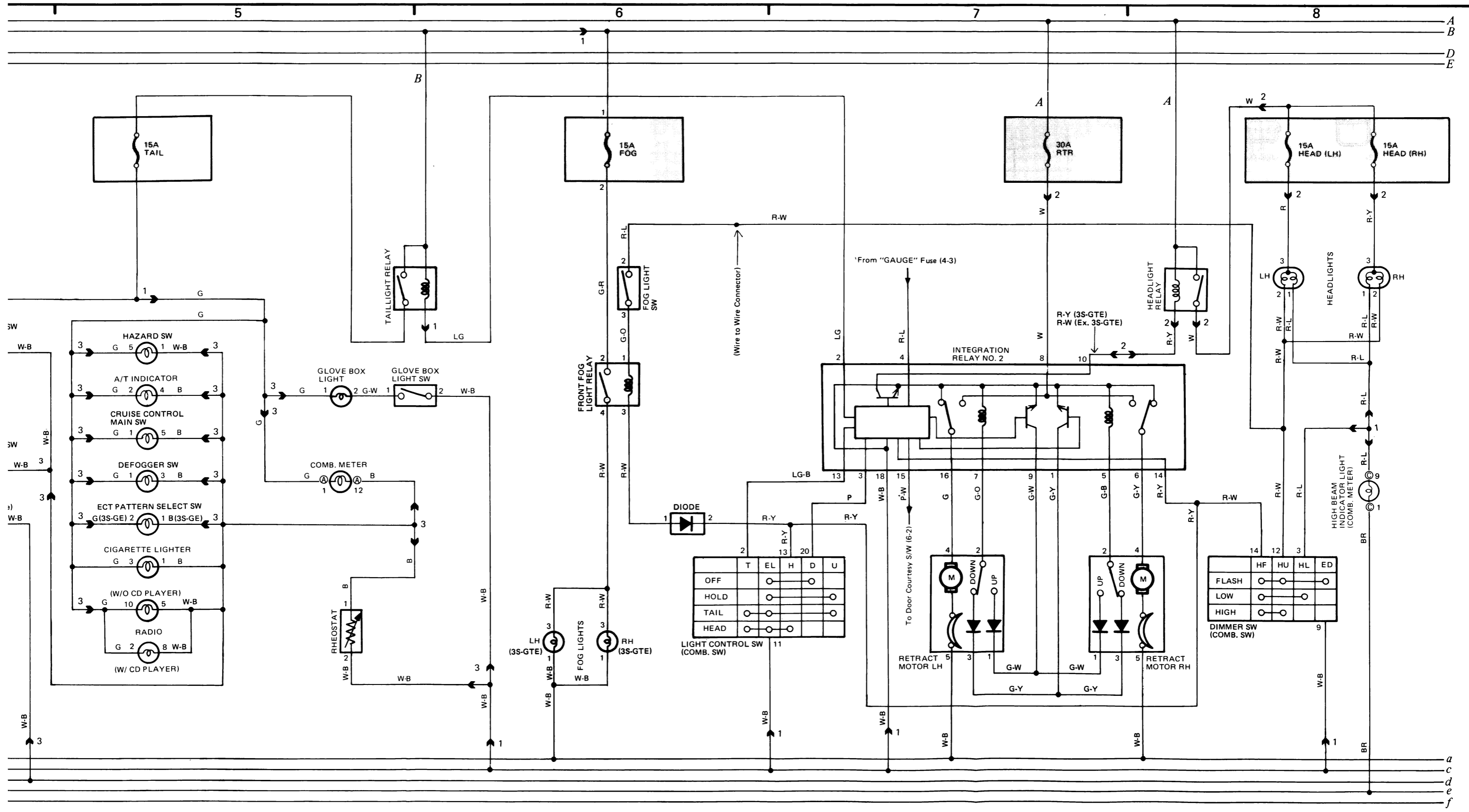
and Illumination



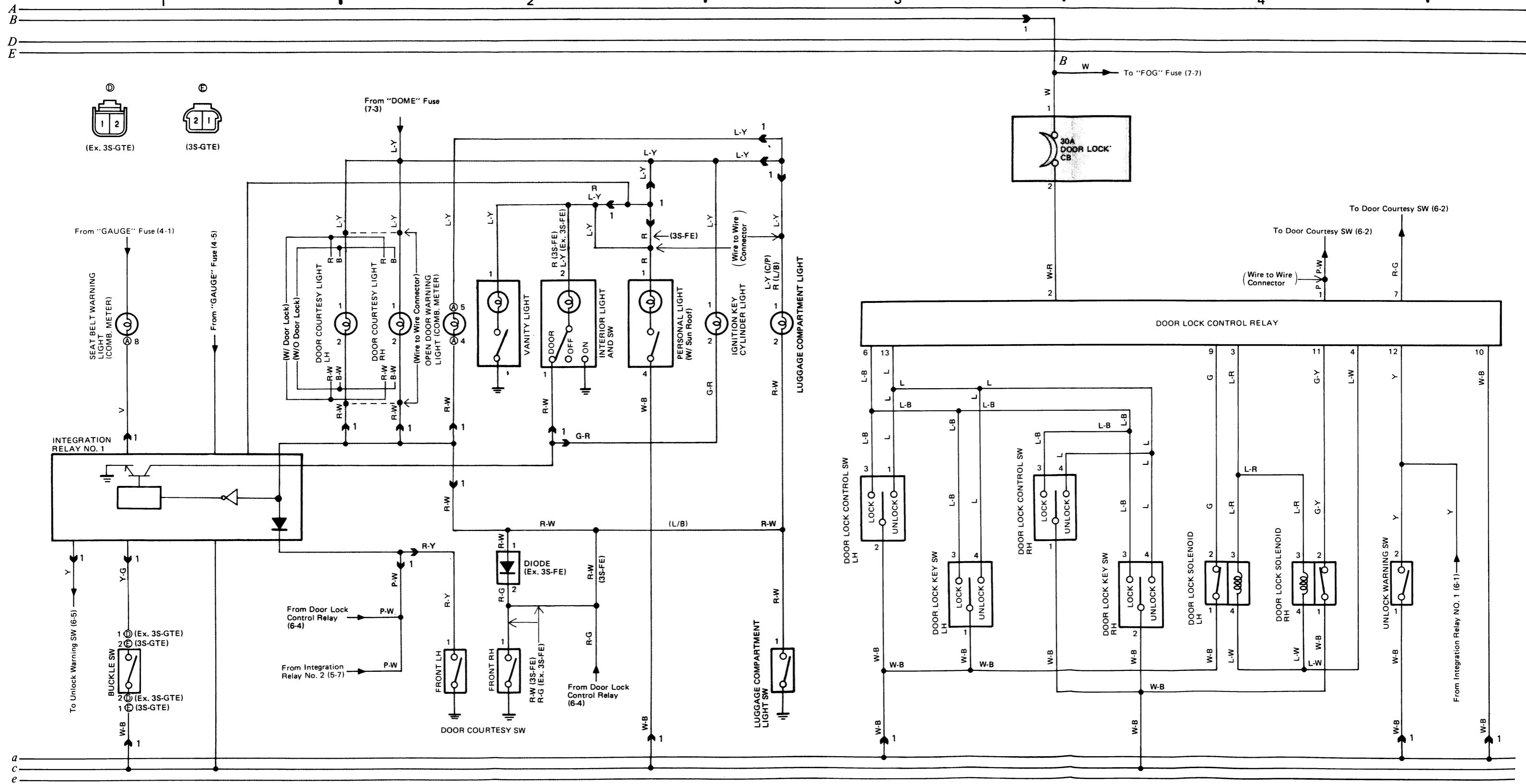
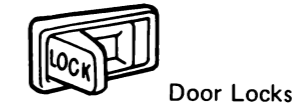
Fog Lights



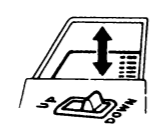
Headlights



# 6 CELICA (Cont'd)



Ground points      a = Located on right front fender      c = Located under left front pillar in J/B No. 1      e = Located in left side of instrument panel



Power Windows



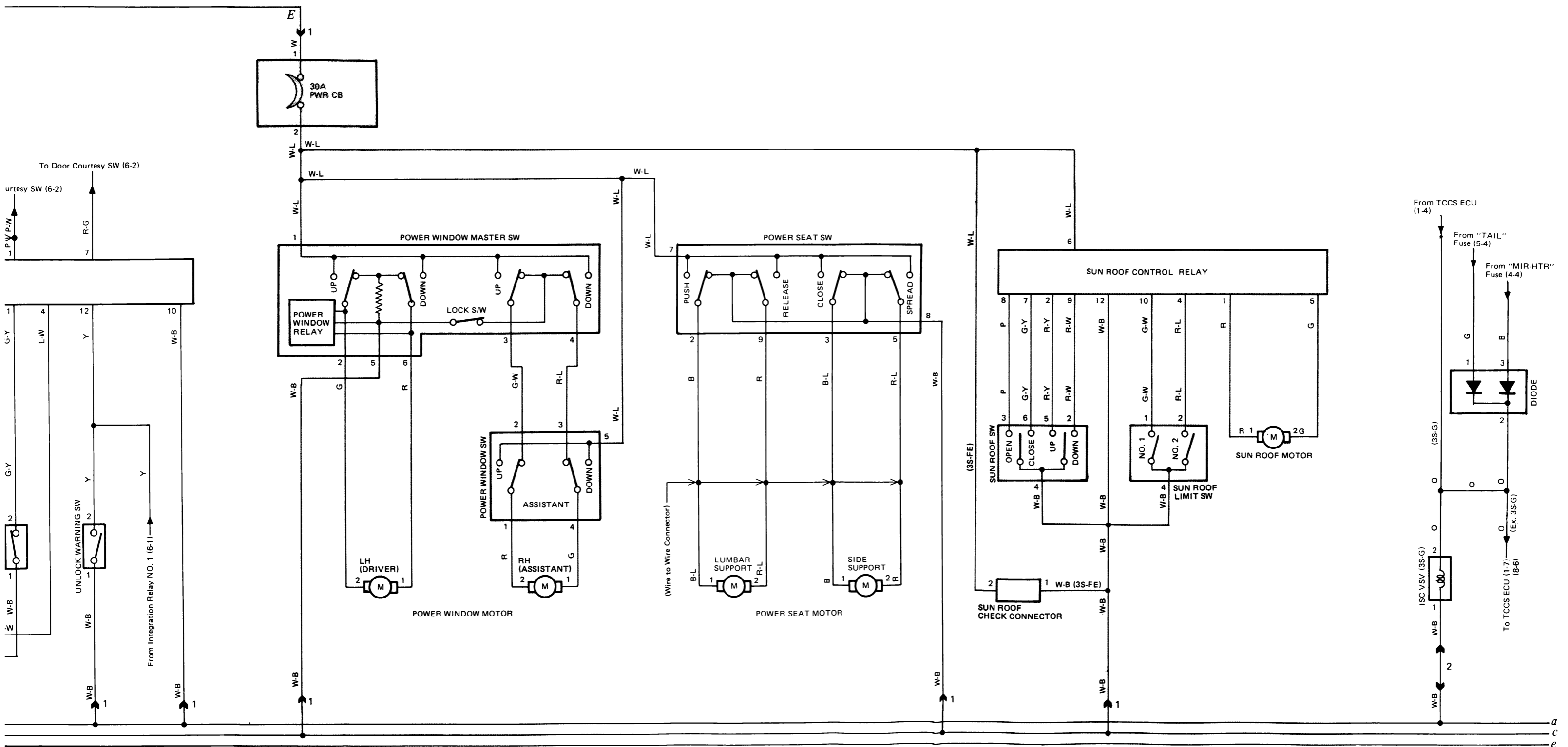
Power Seats



Sun Roof



Idle-up



# CELICA (Cont'd)



Clock



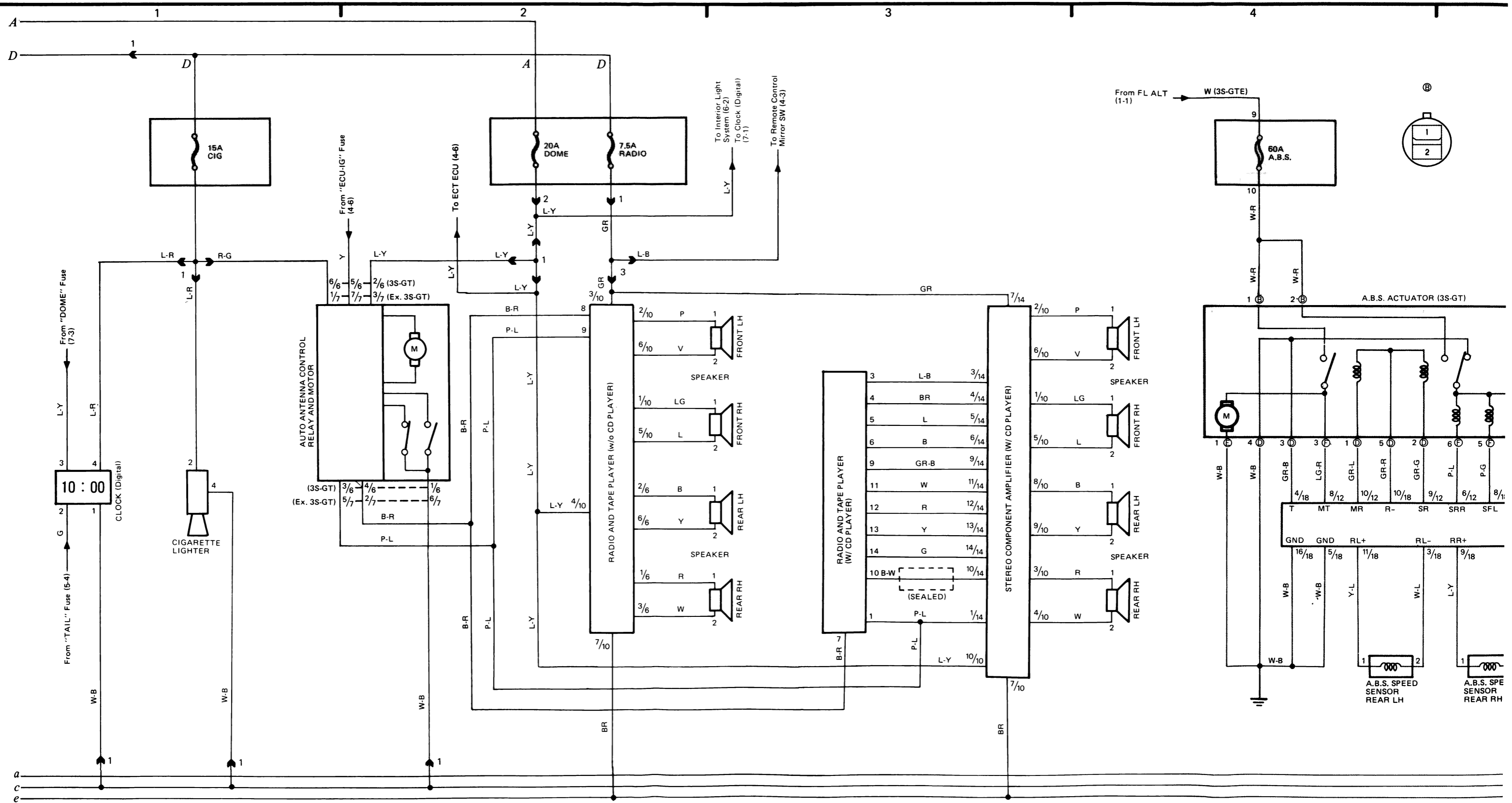
Cigarette Lighter



Auto Antenna



Radio and Tape Player



Ground points

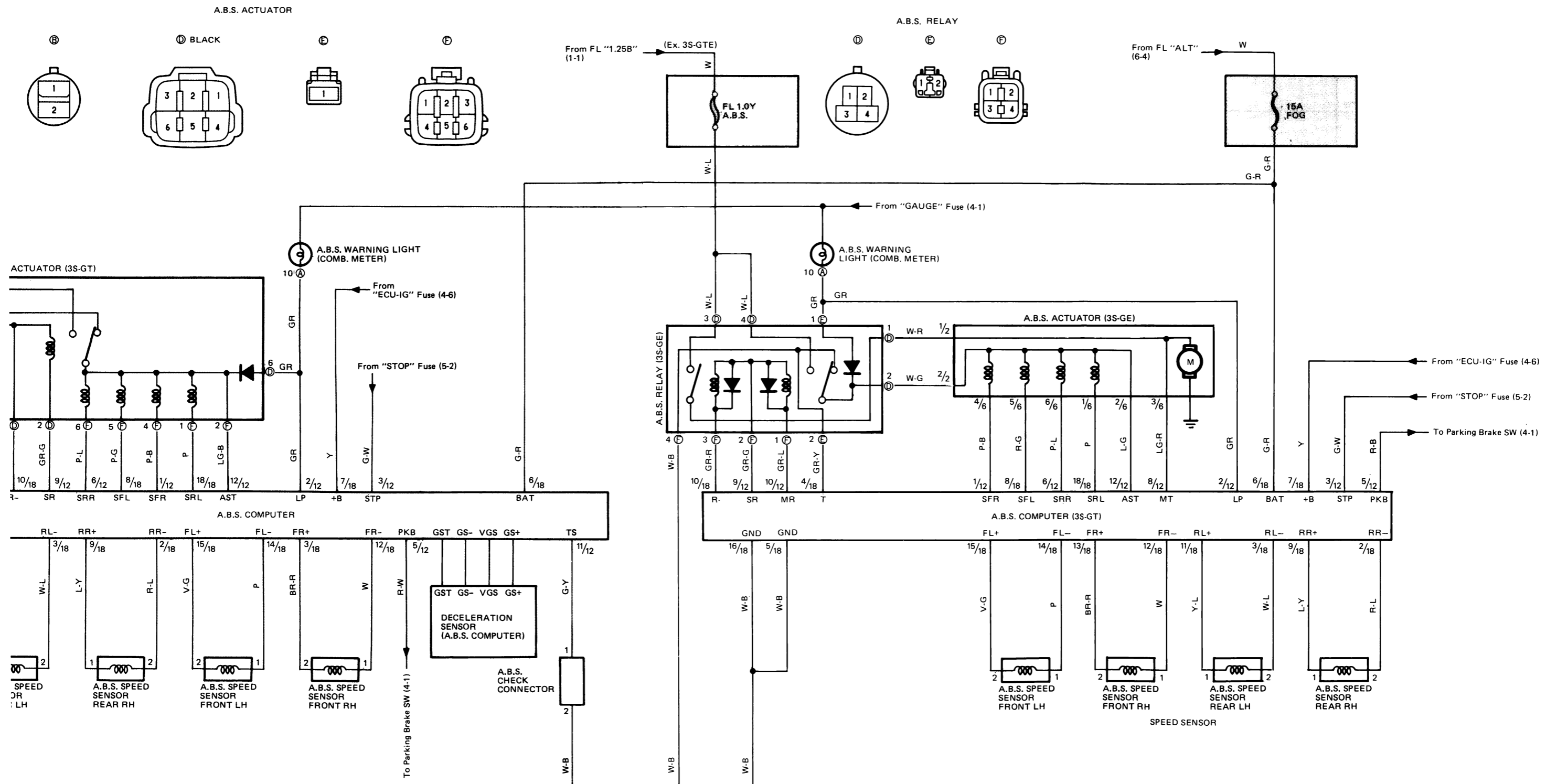
$a$  = Located on right front fender

$c$  = Located under left front pillar in J/B No. 1

$e$  = Located in left side of instrument panel

A.B.S. (Anti-Lock Brake System)(3S-GTE)

A.B.S. (Anti-Lock Brake System)(Ex. 3S-GTE)



a  
c  
e



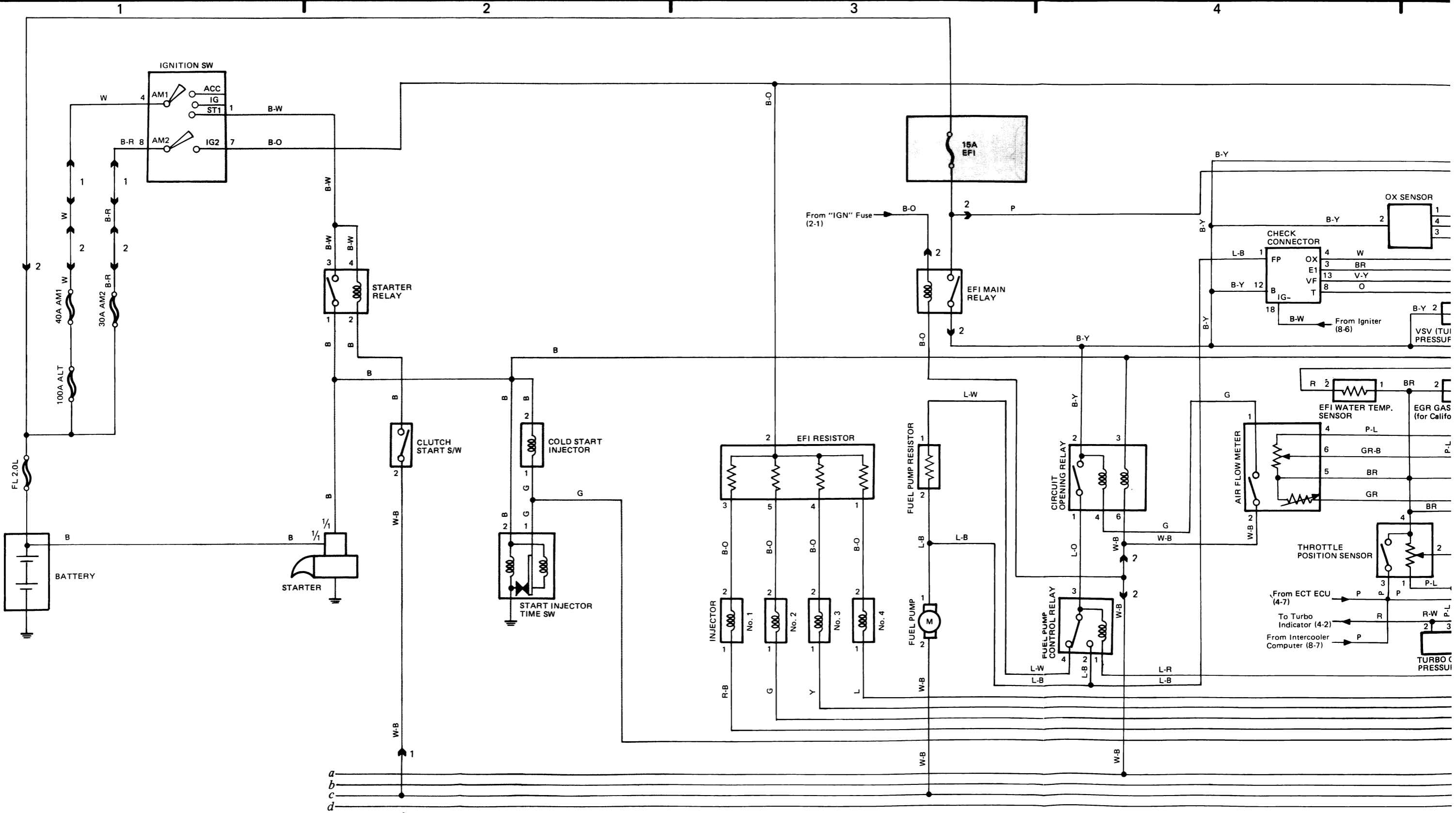
# 8 CELICA (Cont'd)



Power Source (3S-GTE)



Starting (3S-GTE)



Ground points a = Located on right front fender b = Located on engine block c = Located under left front pillar in J/B No. 1 d = Located under left front pillar

**TCCS**

TCCS (3S-GTE)

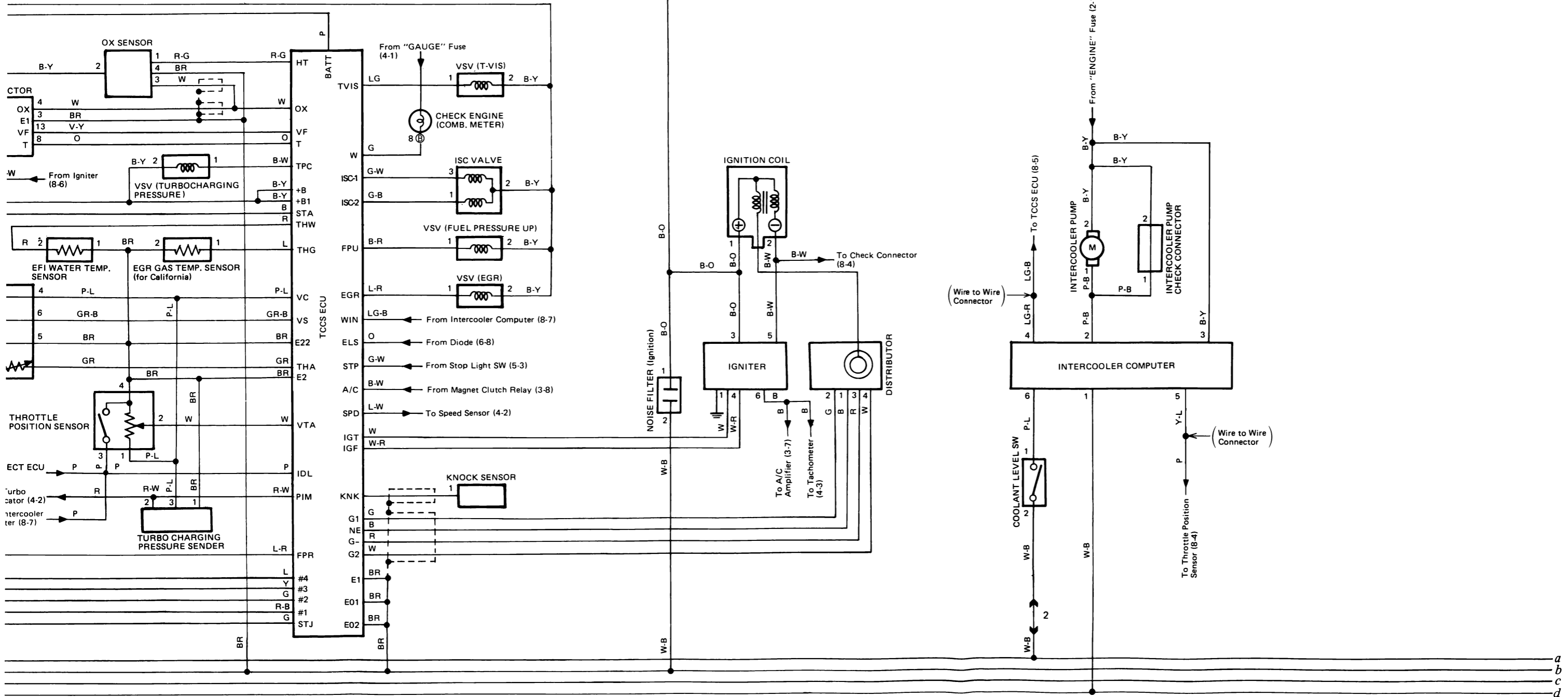
5

6

7

8

E01	ISC-1	STA	STJ		#1	#2	G-	G1	G2	NE	FPR	IGF	THW	WIN	TPC			SPD	STP	THA	VS	VC	BATT	ELS	
E02	ISC-2	IGT	E1	TVIS	#3	#4	VF	T	VTA	IDL	HT	OX	E2	E22	EGR			A/C	W	FPU	KNK	PIM	THG	+B	+B1



d= Located under left front pillar in R/B No. 4