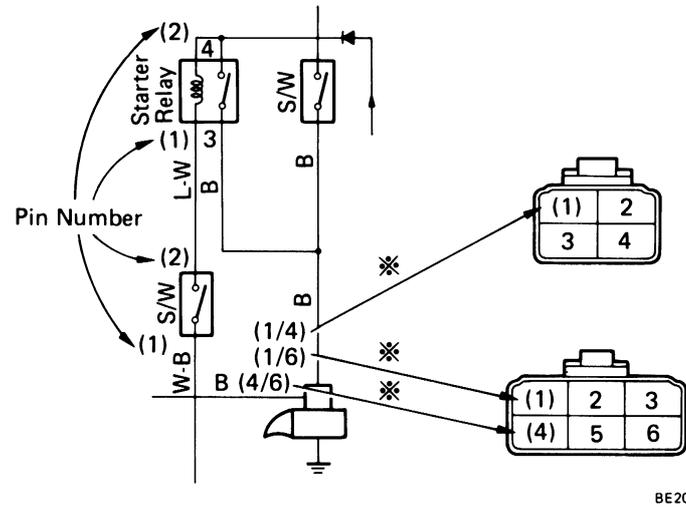


ELECTRICAL WIRING DIAGRAMS

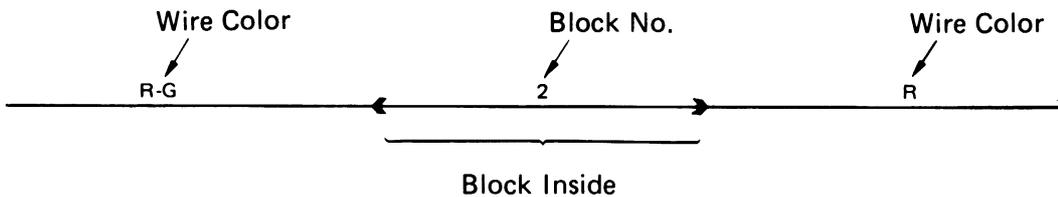
HOW TO READ THIS SECTION

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

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.

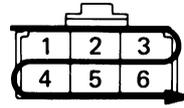
Example: R-G indicates a Red wire with a Green stripe.

ABBREVIATION

The following abbreviations are used in this wiring diagram.

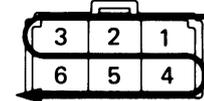
A/C = Air Conditioner	M/T = Manual Transaxle
A/T = Automatic Transaxle	O/D = Overdrive
CB = Circuit Breaker	RH = Right-hand
ECU = Electronic Controlled Unit	SW = Switch
EFI = Electronic Fuel injection	T-VIS = Toyota Variable Induction System
FL = Fusible Link	VSV = Vacuum Switching Valve
J/B = Junction Block	w/ = With
LH = Left-hand	w/o = Without

Numbered in order from upper left to lower right



Female

Numbered in order from upper right to lower left

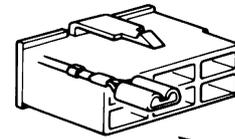


Male

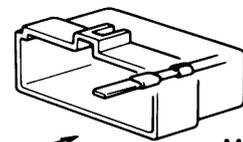
BE0832

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



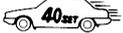
Male

BE0833

SYSTEM INDEX

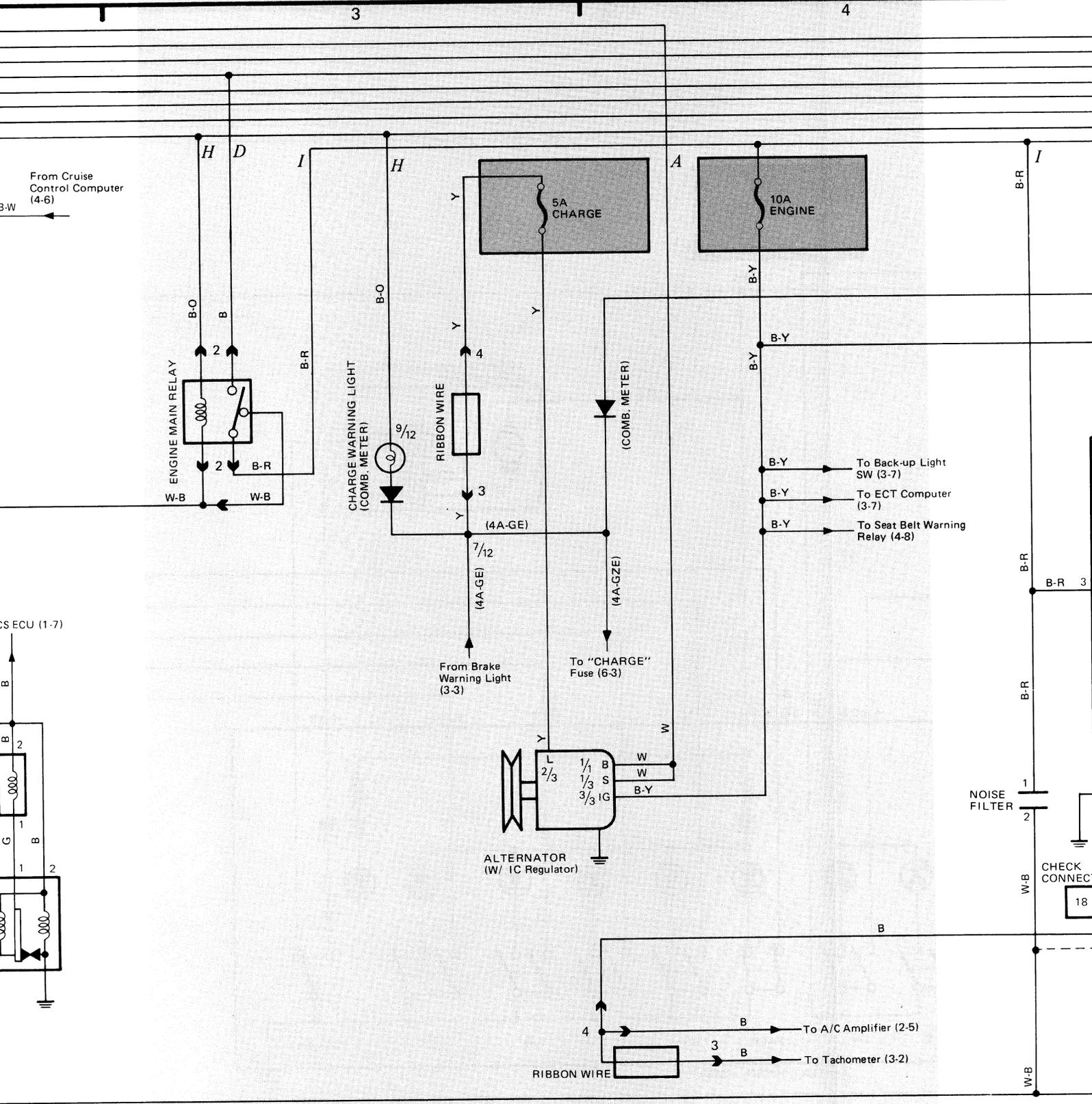
MR2

1989 Model (Page 1 to Page 6)

SYSTEMS	LOCATION	SYSTEMS	LOCATION
Air Conditioner, Cooler and Heater	 2-6	Power Windows	 4-2
Auto Antenna	 5-7	Radiator Fan	 2-2
Back-up Lights	 3-8	Radio and Tape Player	 5-8
Charging	 1-3 6-2 (4A-GZE)	Rear Window Defogger	 3-4
Cigarette Lighter	 5-6	Remote Control Mirrors	 5-6
Clock	 5-5	Starting	 1-2 6-2 (4A-GZE)
Combination Meter	 3-2	Stop Lights	 4-7
Cruise Control	 4-6	Taillights and Illumination	 5-1
Door Locks	 4-4	TCCS	 1-4 (4AGE) 1-7 (4A-GE) 6-5 (4A-GZE) 6-8 (4A-GZE)
ECT	 3-7	Turn Signal and Hazard	 3-5
Engine Compartment Cooling Fan	 1-5	Unlock and Seat Belt Warning	 4-8
Front Wiper and Washer	 4-1		
Fuel Control System	 6-7		
Headlights	 5-3		
Horn	 4-1		
Idle-up	 2-1		
Interior Lights	 5-5		
Power Source	 1-1 6-1 (4A-GZE)		

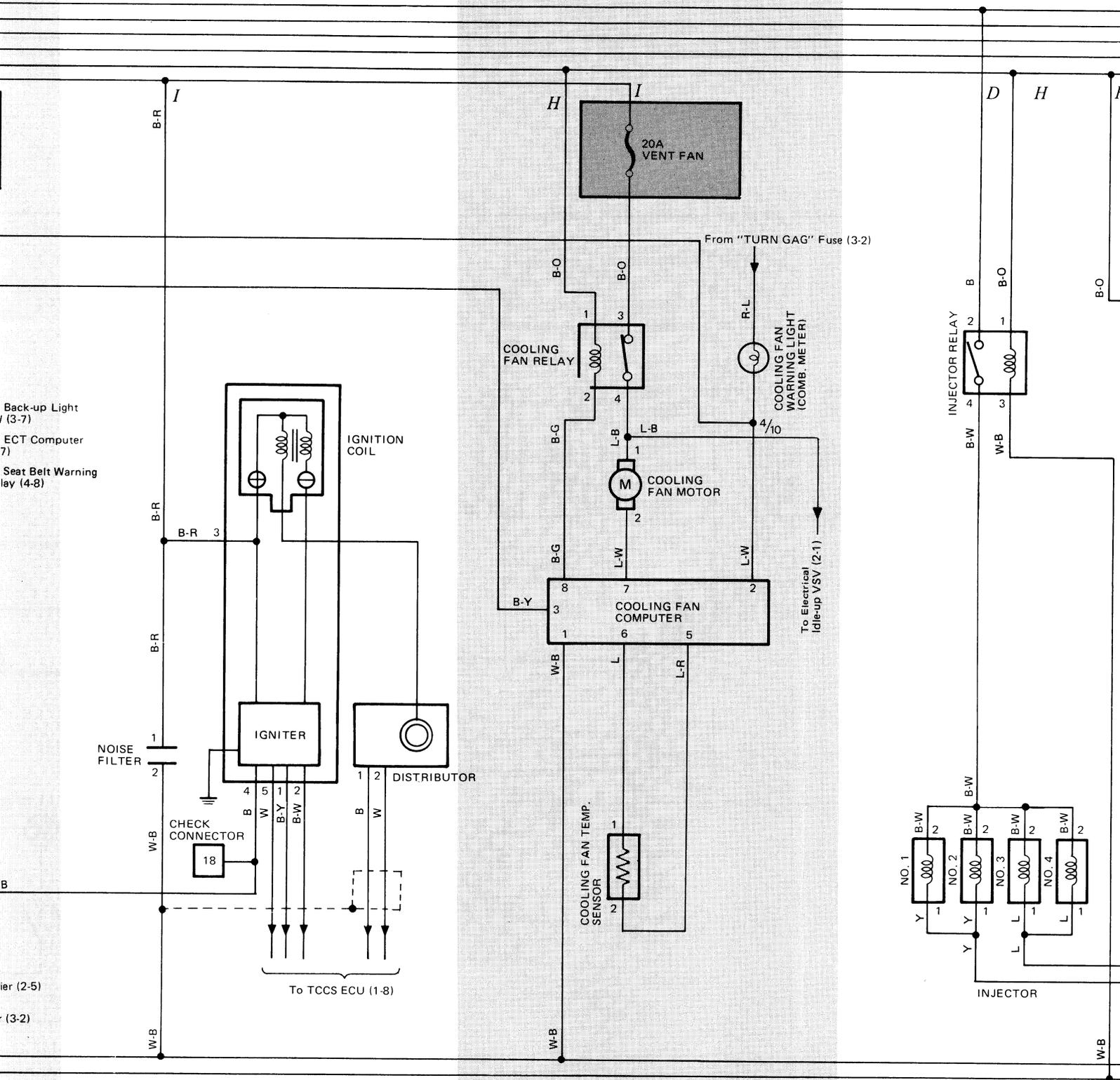
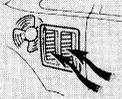


Charging



Located on engine block

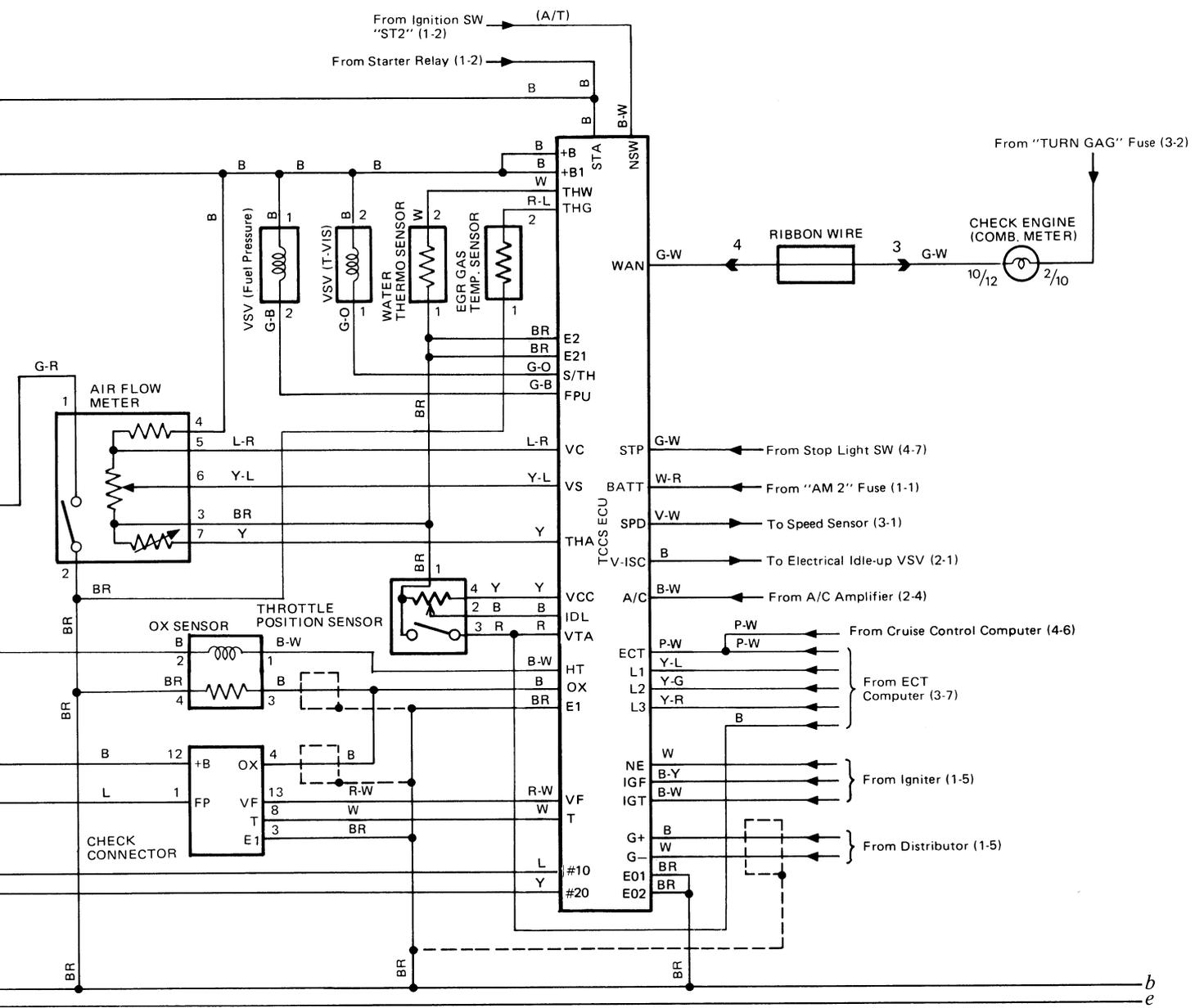
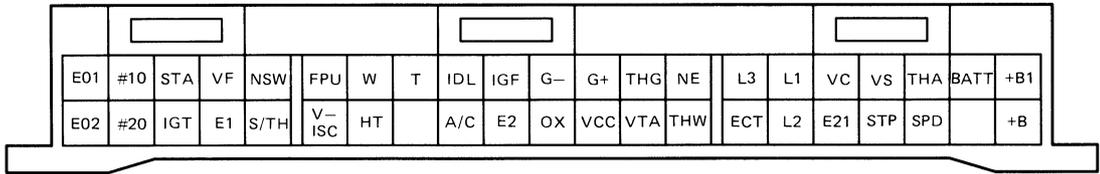
ℓ = Located on center of back panel



Back-up Light (3-7)
ECT Computer (7)
Seat Belt Warning (4-8)

ier (2-5)
(3-2)

B
C
E
F
G
H

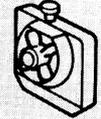


b
e

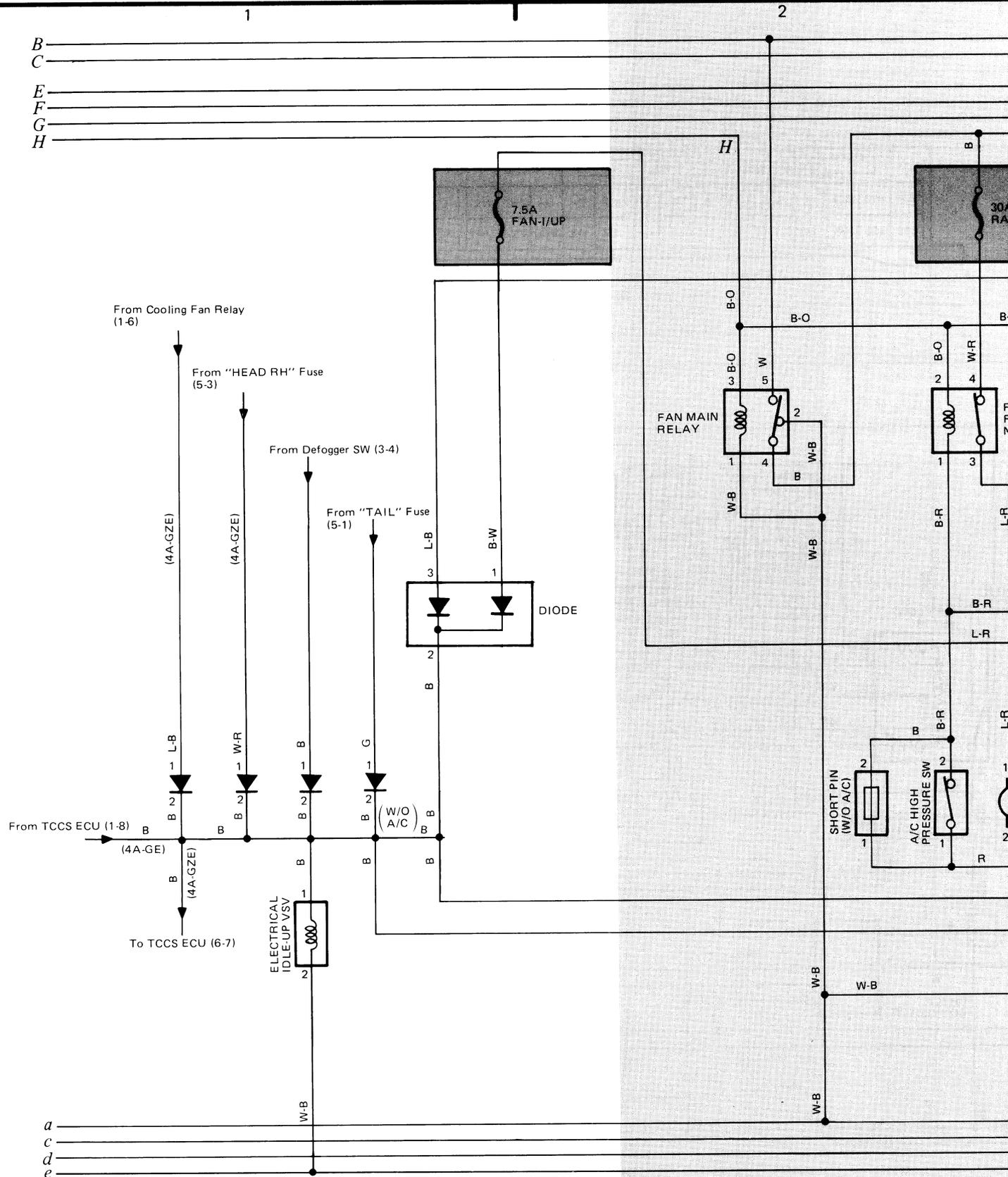
2 MR2 (Cont'd)



Idle-up



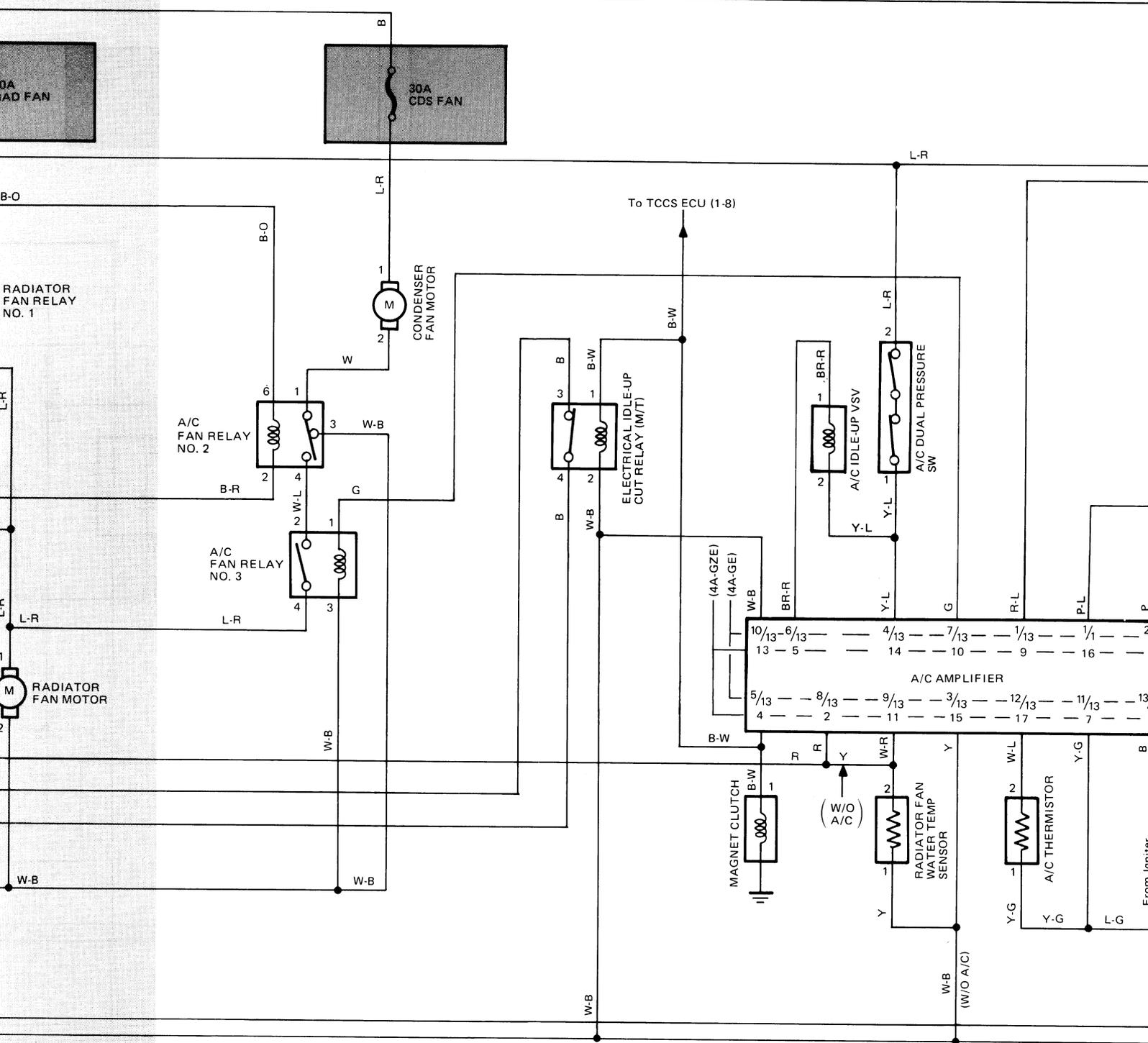
Radiator Fan



Ground points

a = Located in right front fender

c = Located under right front pillar



d = Located under left front pillar

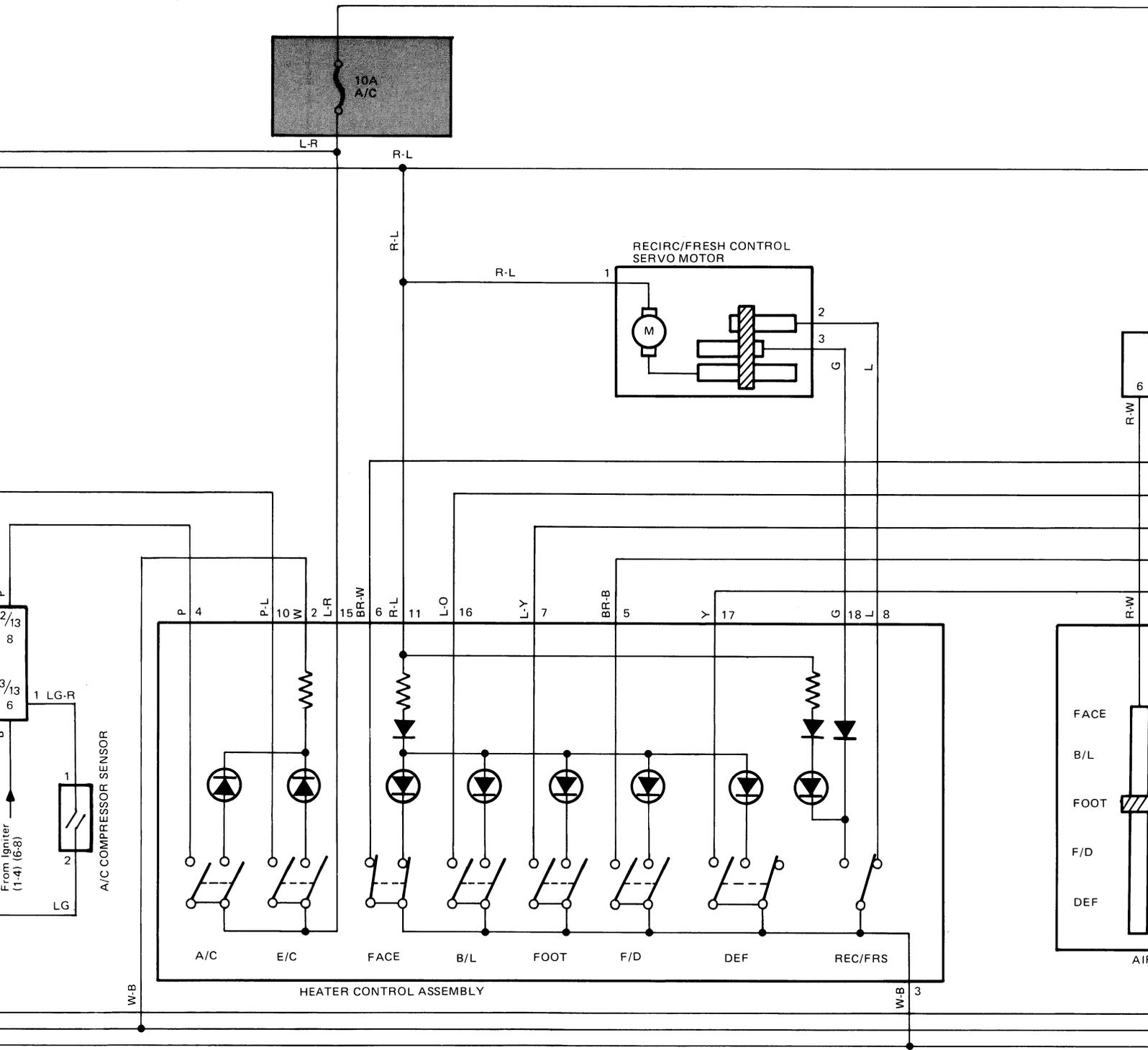
e = Located on center of back panel

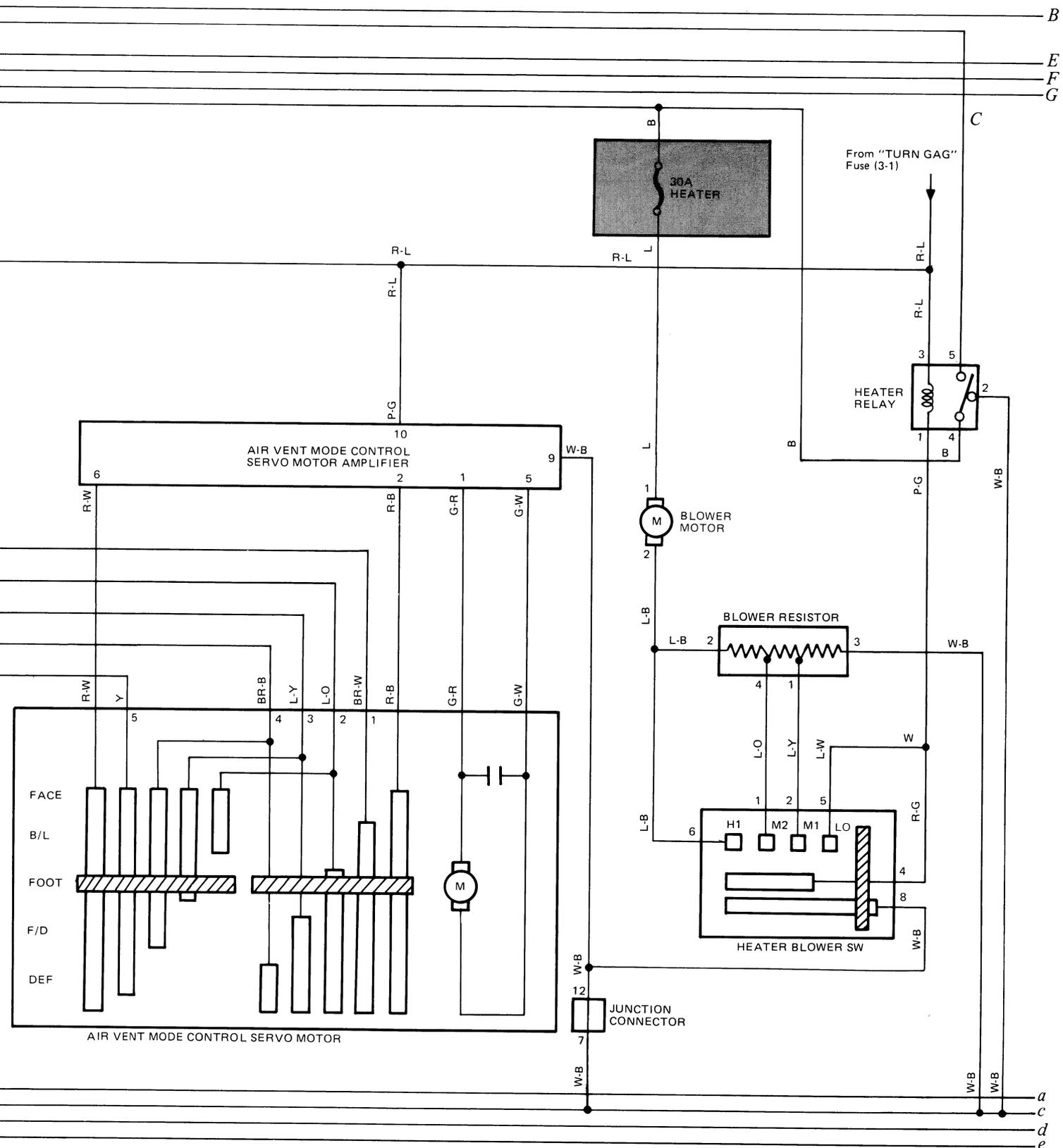


Air Conditioner, Cooler and Heater

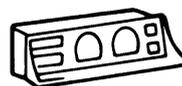
5

6

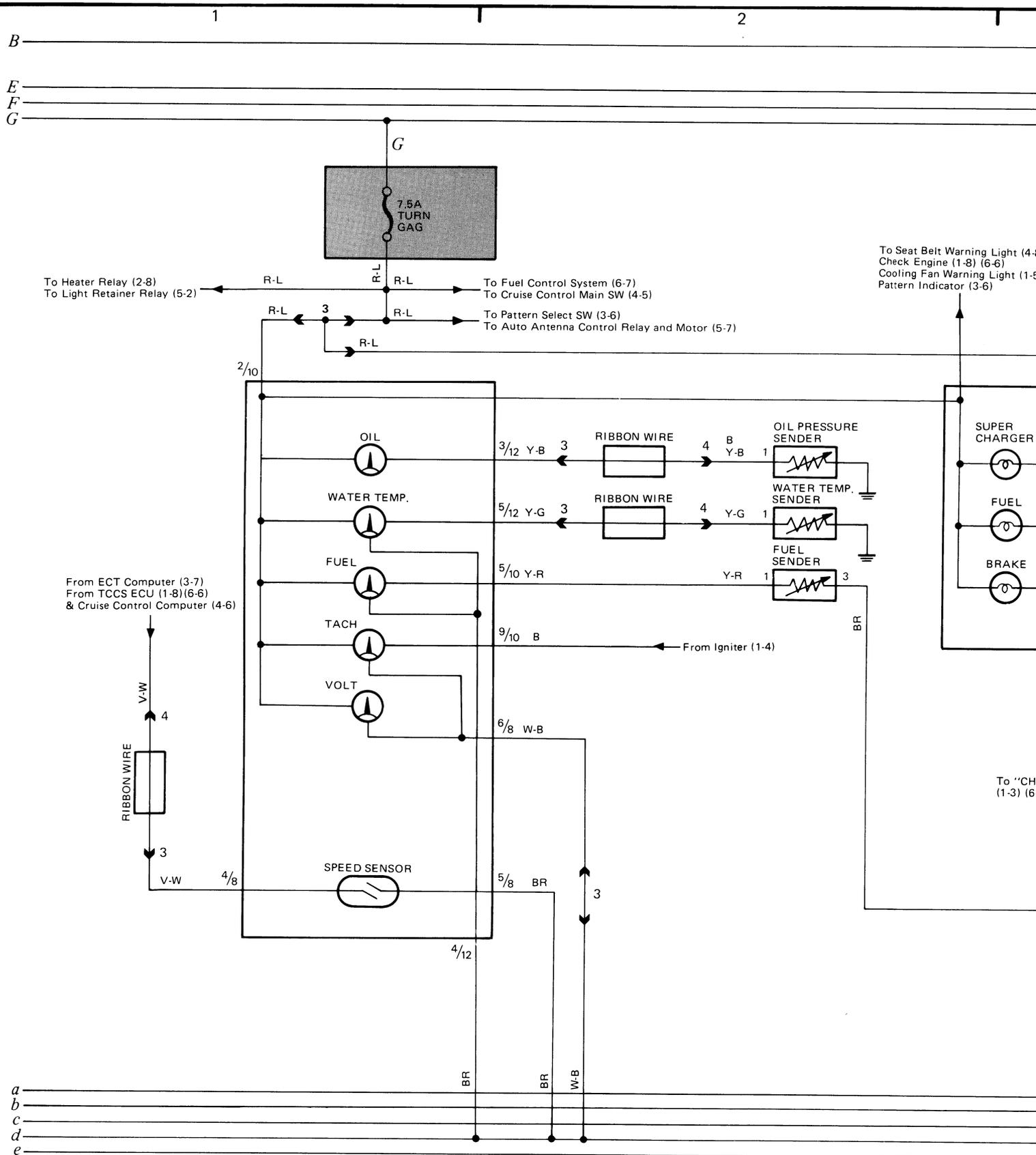




MR2 (Cont'd)



Combination Meter



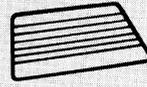
Ground points

a = Located in right front fender

b = Located on engine block

c = Located under right front pillar

d = Located under left front

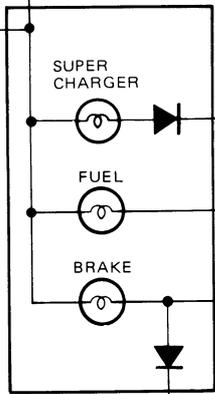


Rear Window Defogger

3

4

Belt Warning Light (4-8)
Engine (1-8) (6-6)
Fan Warning Light (1-5)
Indicator (3-6)



2/12 To TCCS ECU (6-7)

1/10 Y-L

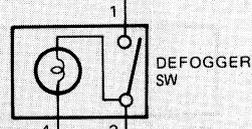
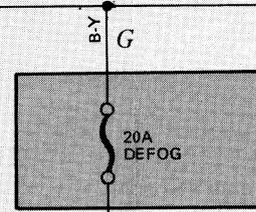
8/12 G-W



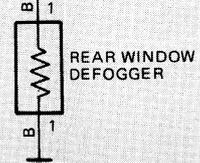
From Cruise Control Computer (4-6)
From ECT Computer (3-7)

To "CHARGE" Fuse (1-3) (6-3)

JUNCTION CONNECTOR 13



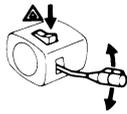
To Electrical Idle-up VSV (2-1)



3

= Located under left front pillar

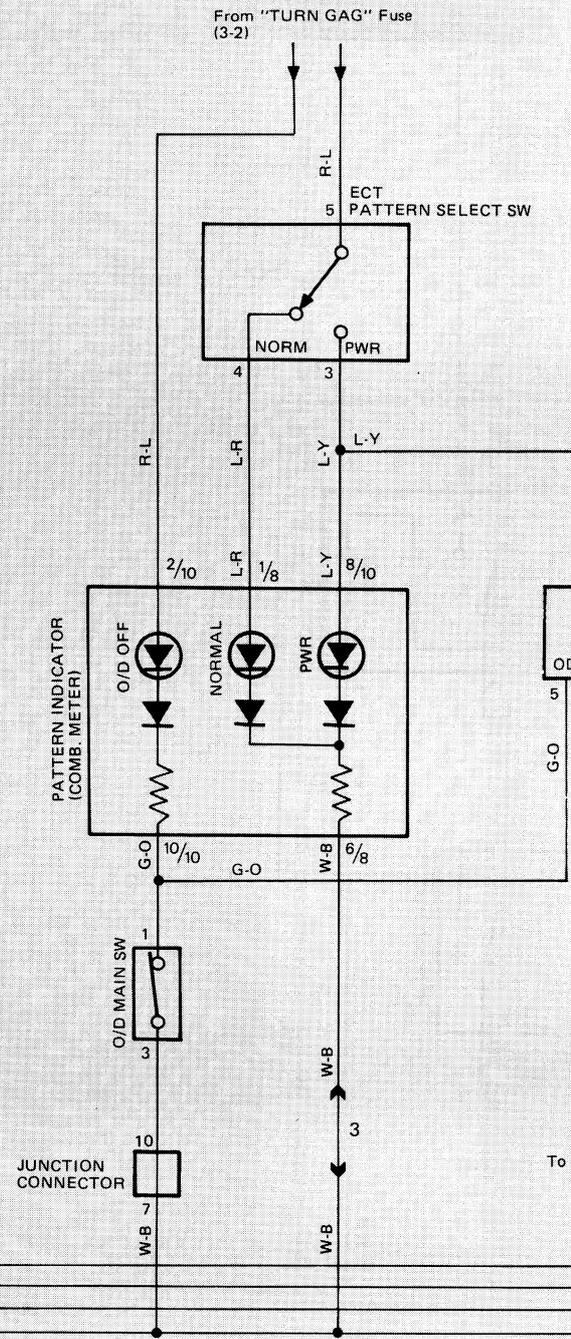
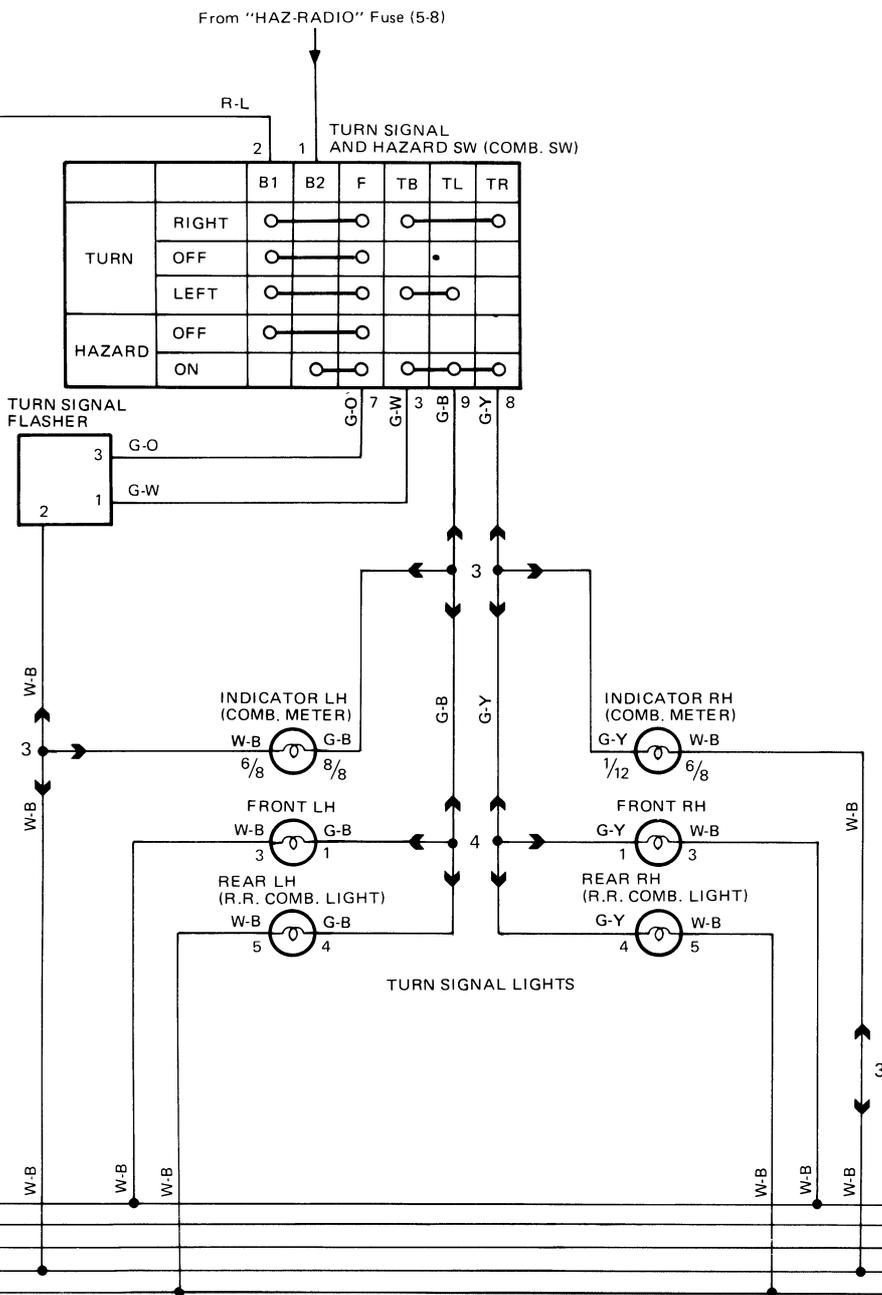
e = Located on center of back panel



Turn Signal and Hazard

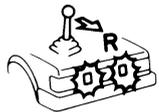
5

6

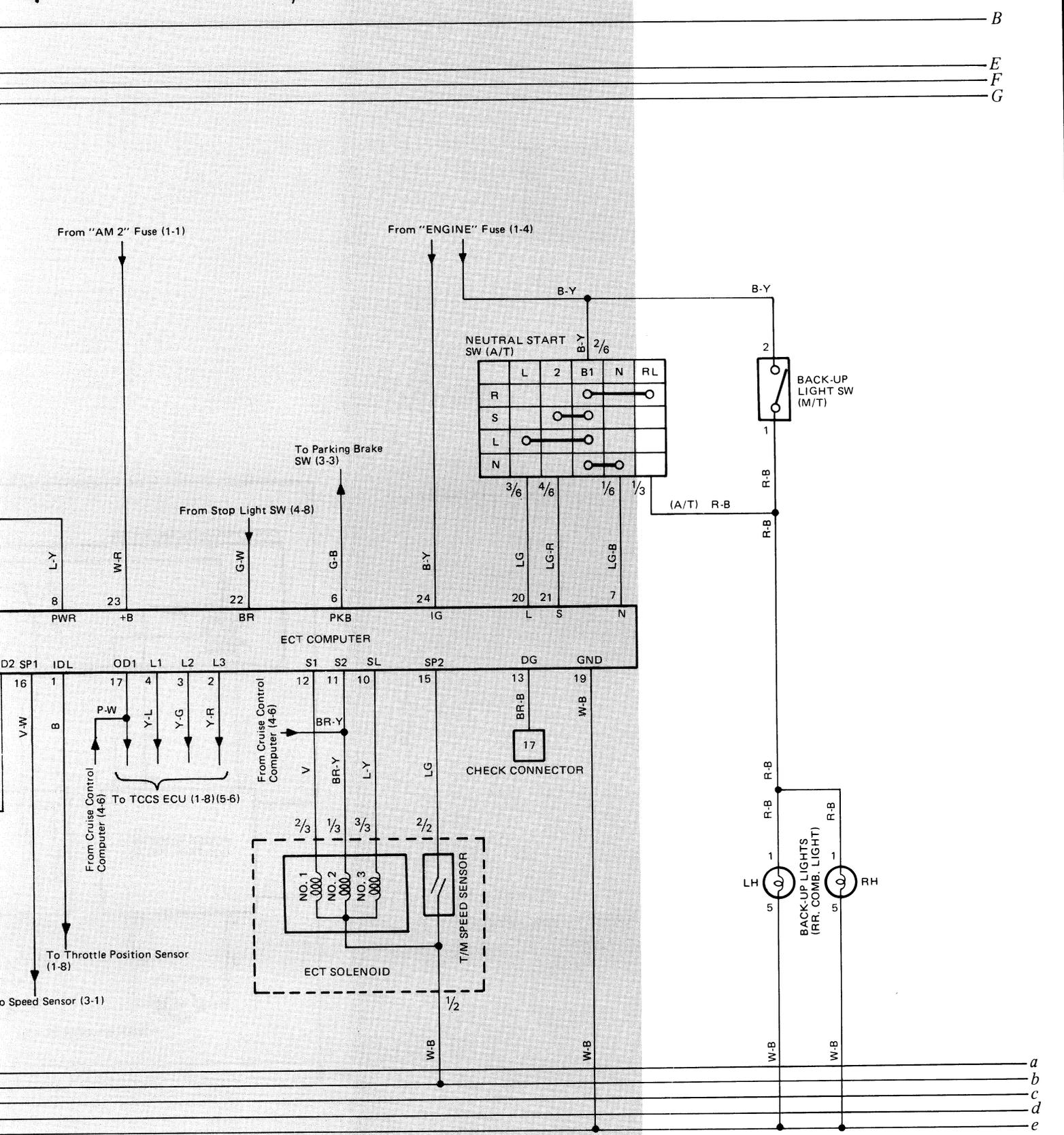




ECT



Back-up Lights

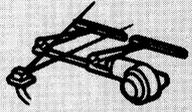


a
b
c
d
e

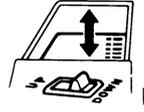
4 MR2 (Cont'd)



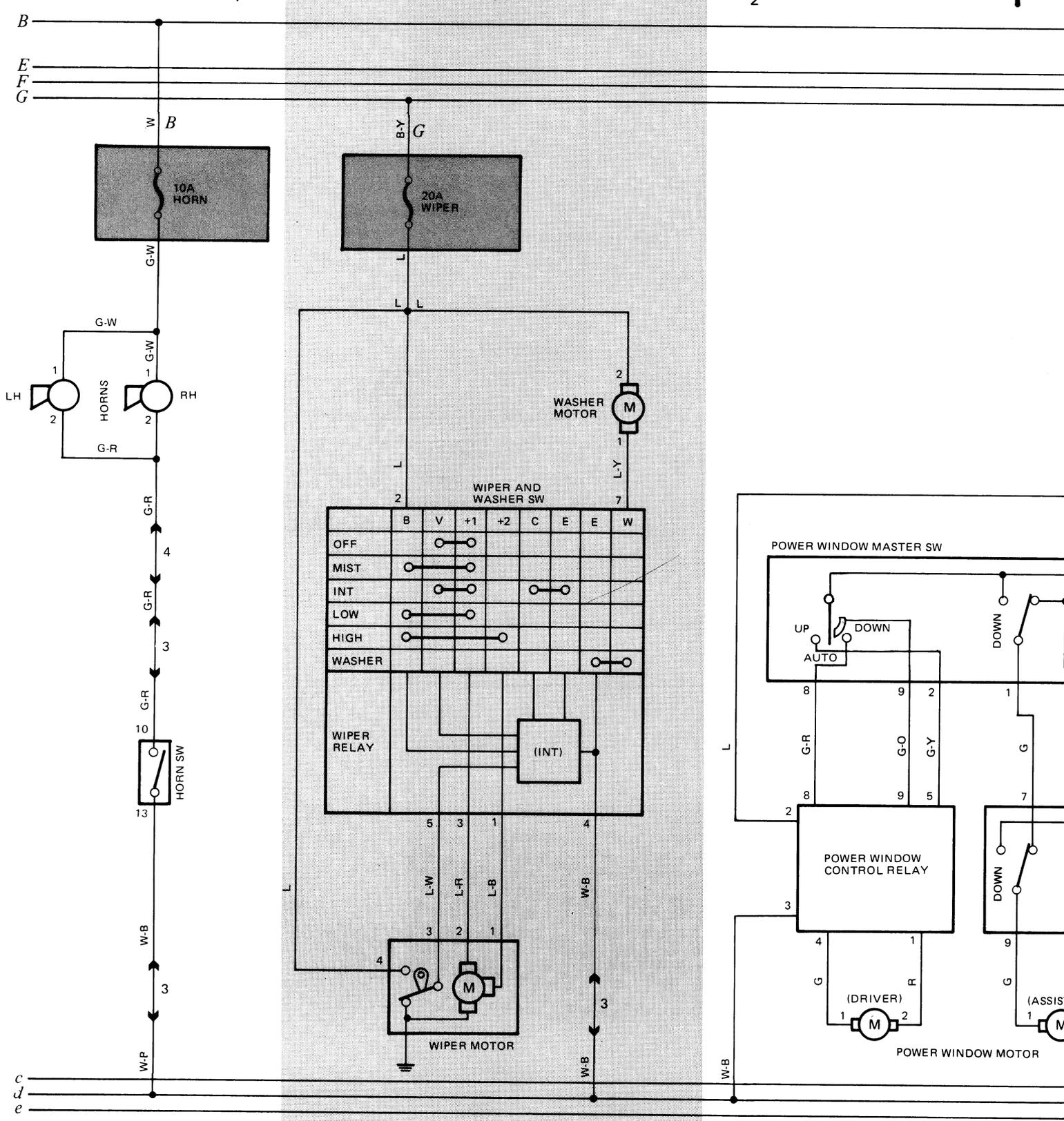
Horn



Front Wiper and Washer



Power Window



Ground points

C = Located under right front pillar

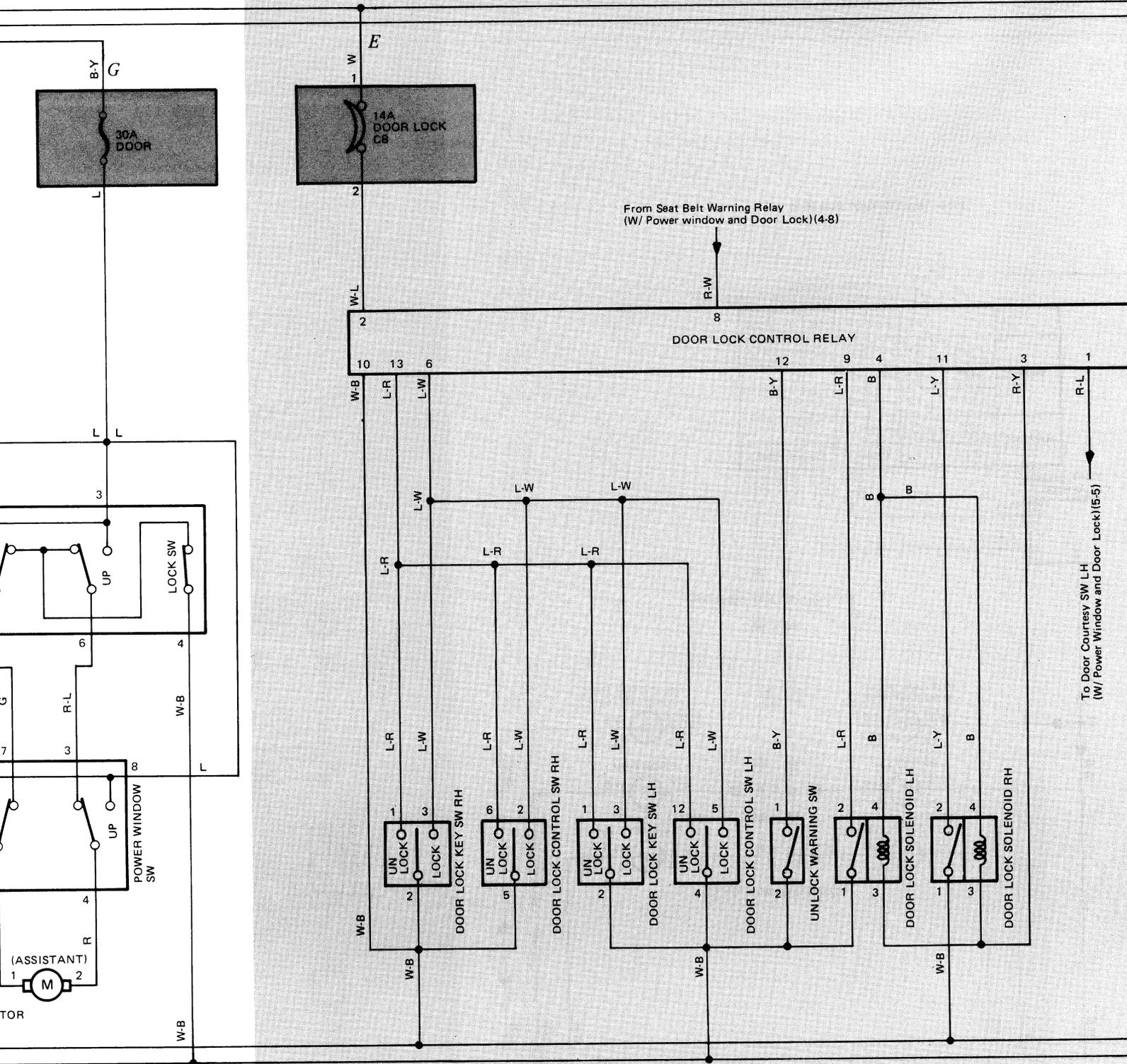
d = Located under left front pillar

e = Located on center of back panel



3

4



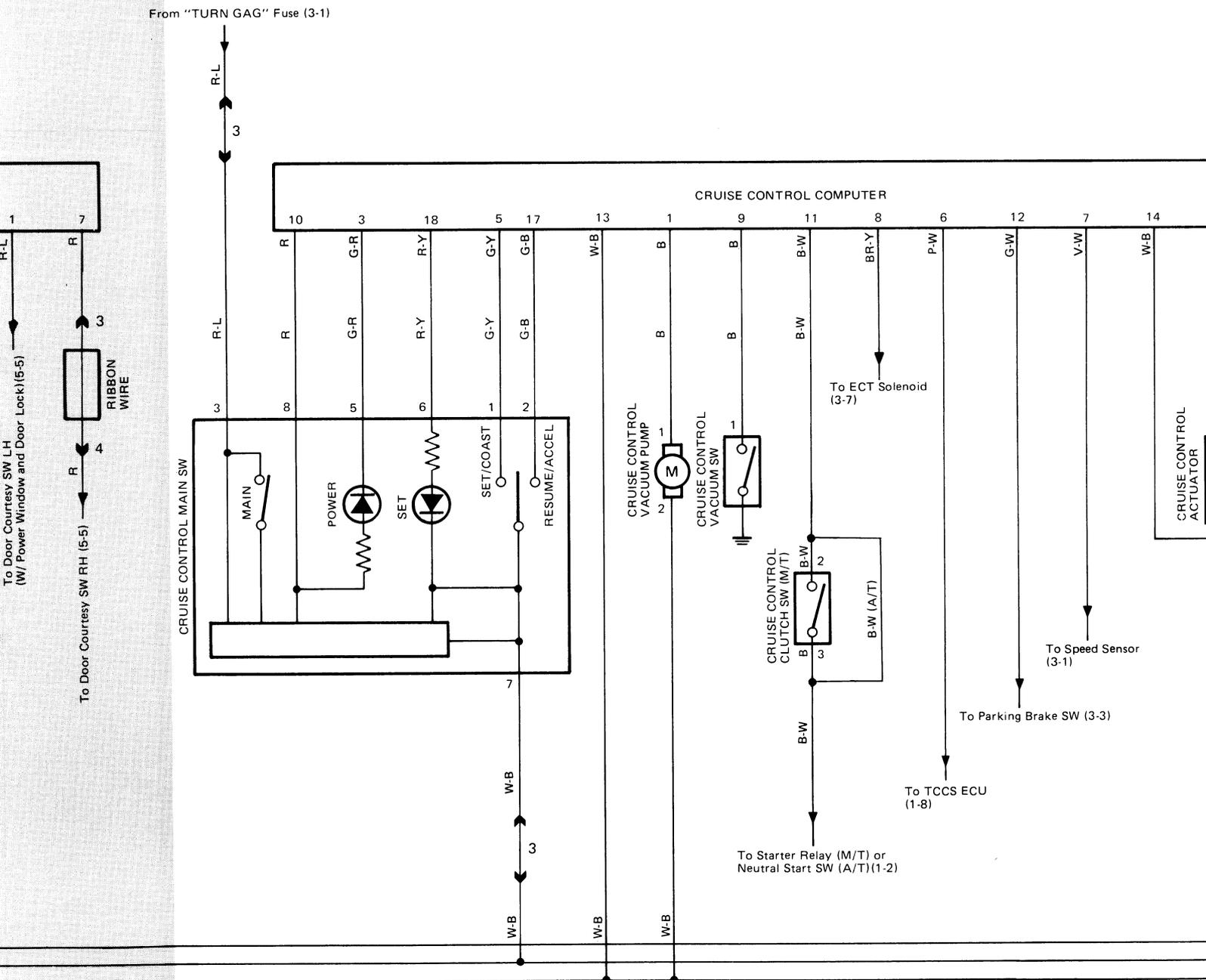
To Door Courtesy SW LH (W/ Power Window and Door Lock)(5-5)



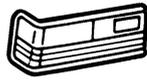
Cruise Control

5

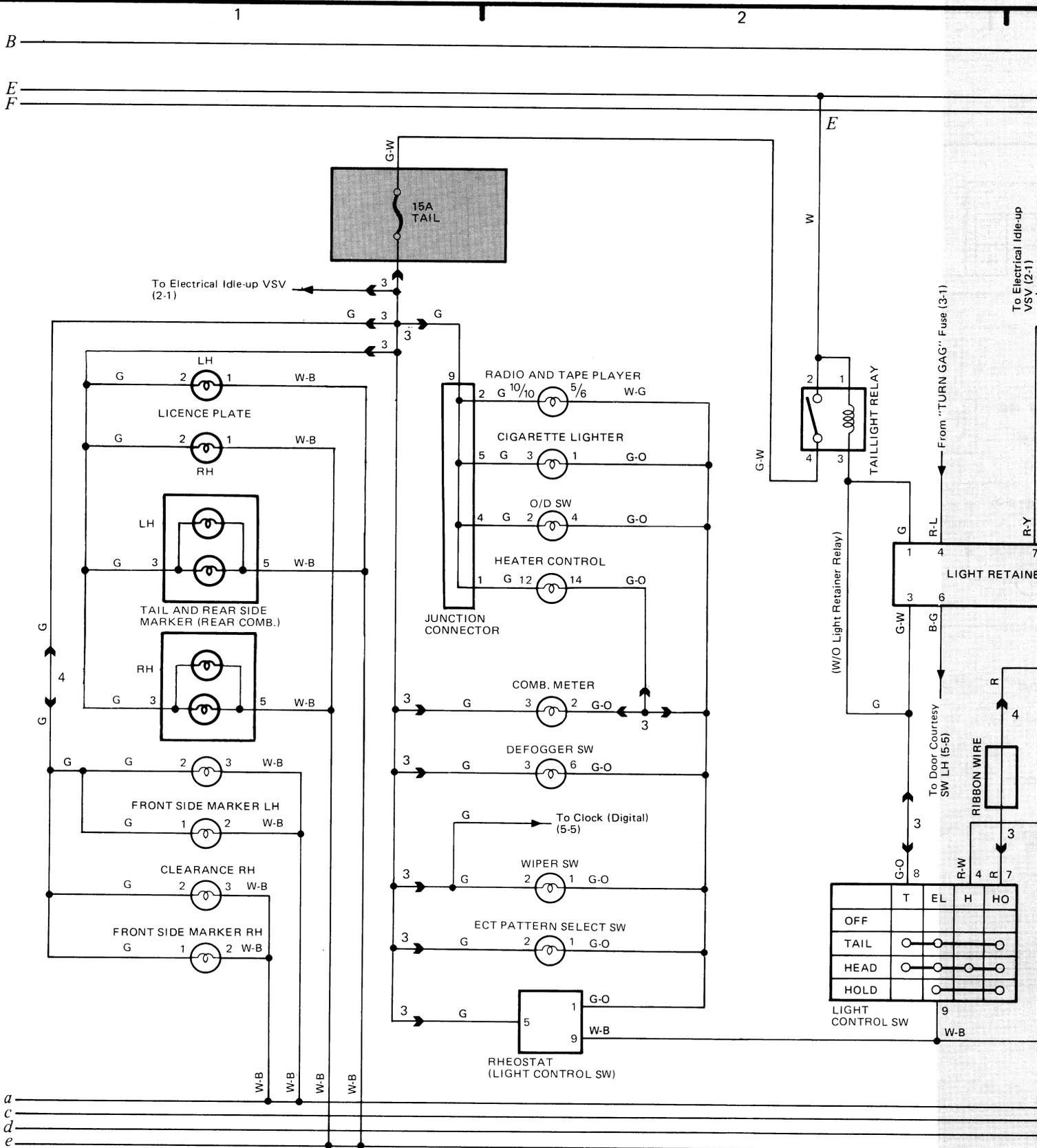
6



MR2 (Cont'd)



Taillights and Illumination.



Ground points

a = Located in right front fender

c = Located under right front pillar

d = Located under left front pillar

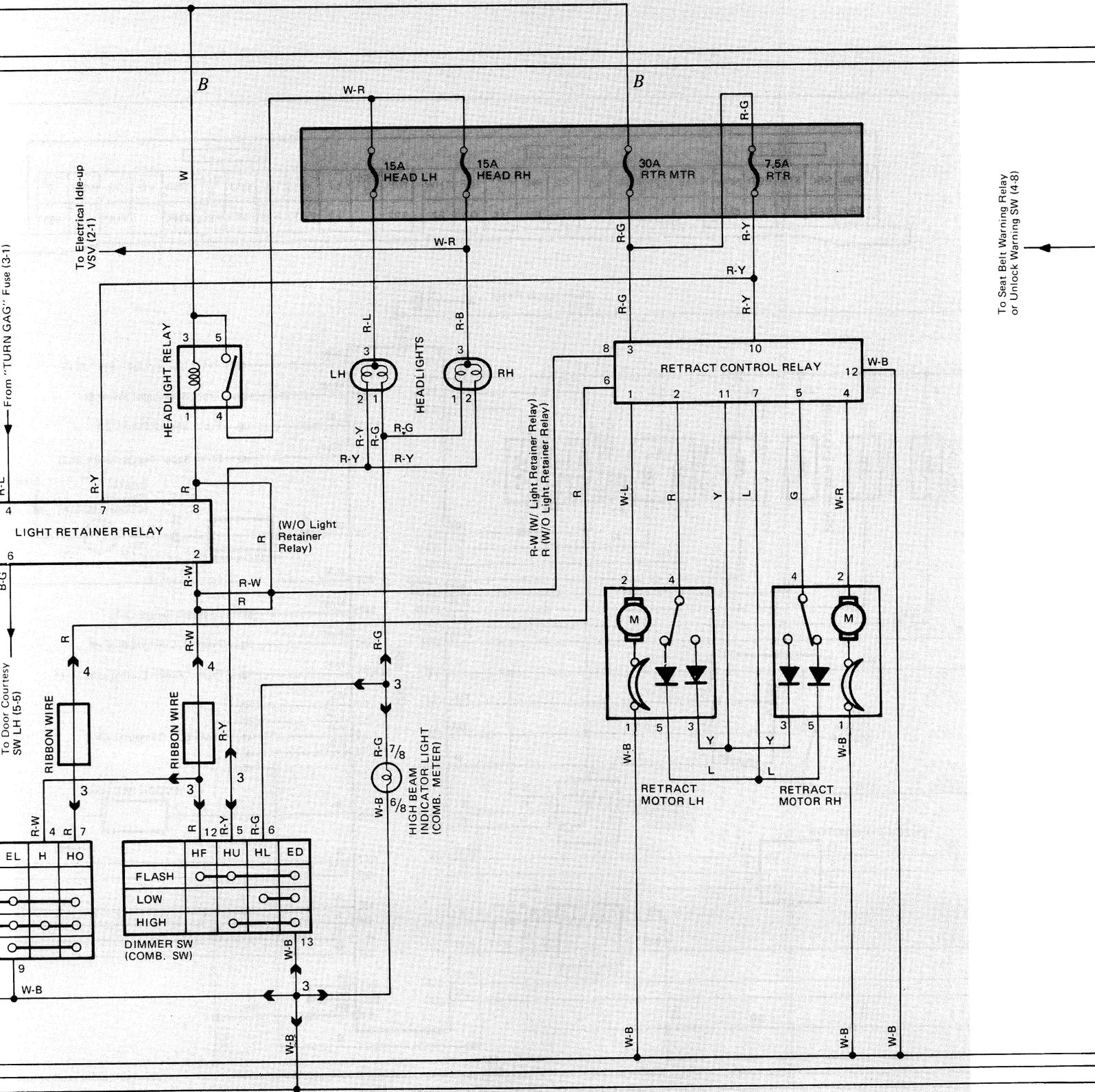
e = Lo

	T	EL	H	HO
OFF				
TAIL	○	○	○	○
HEAD	○	○	○	○
HOLD	○	○	○	○

LIGHT CONTROL SW



Headlights



To Seat Belt Warning Relay
or Unlock Warning SW (4-8)

e = Located on center of back panel



Interior Lights

5

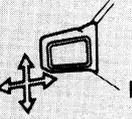


Clock

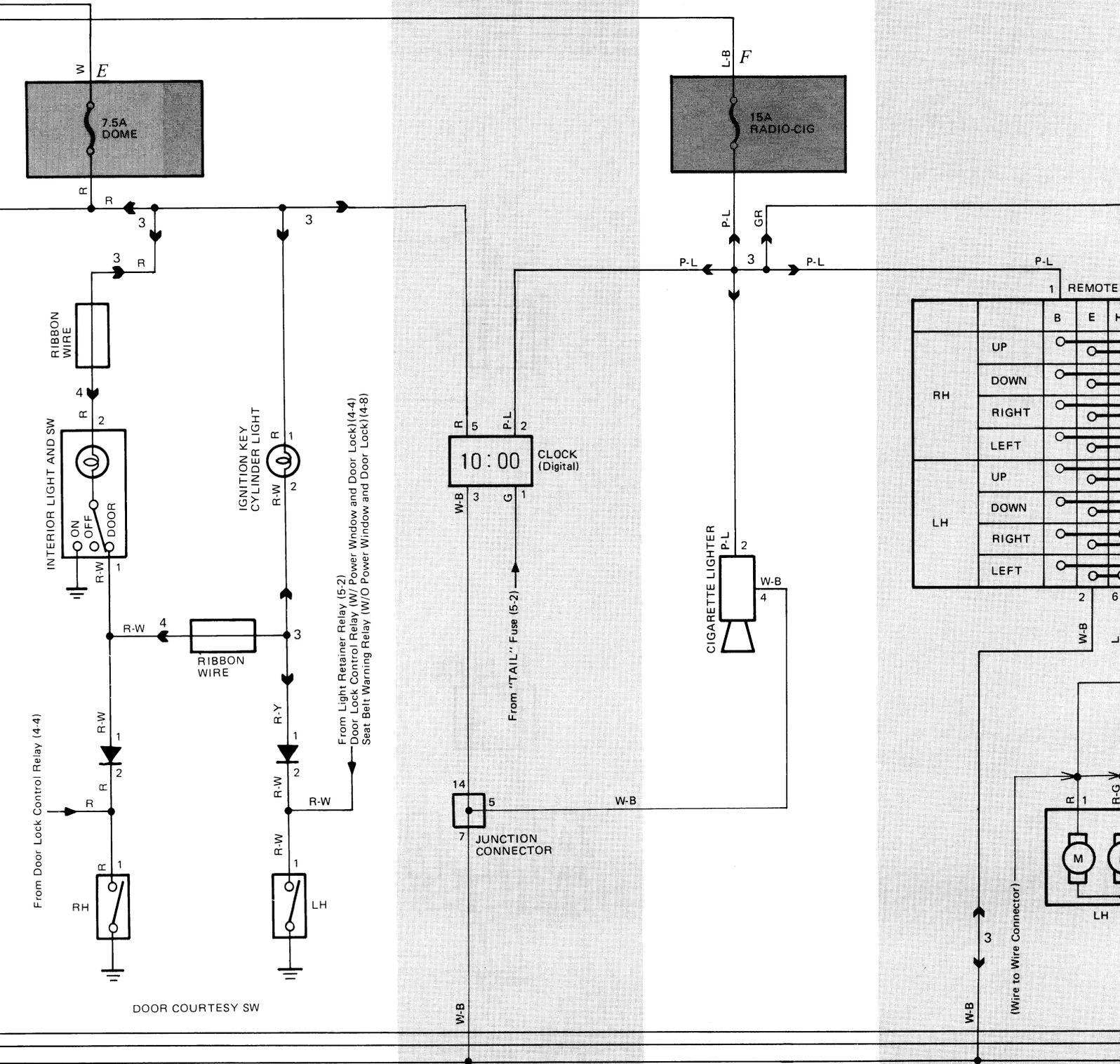


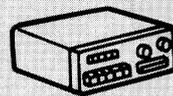
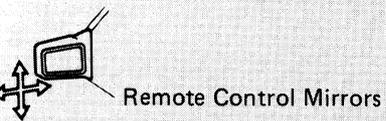
Cigarette Lighter

6



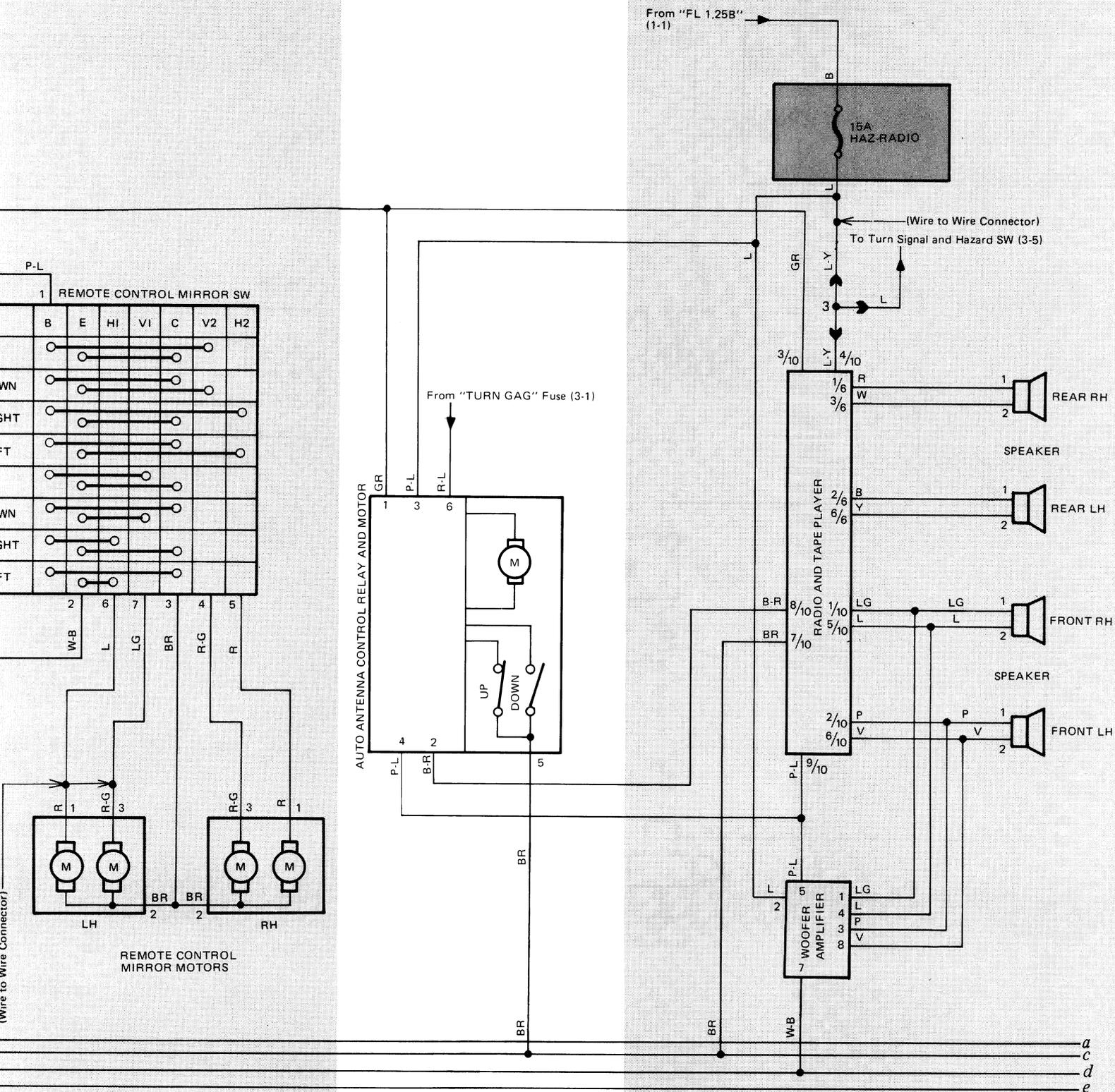
Rem





7

8



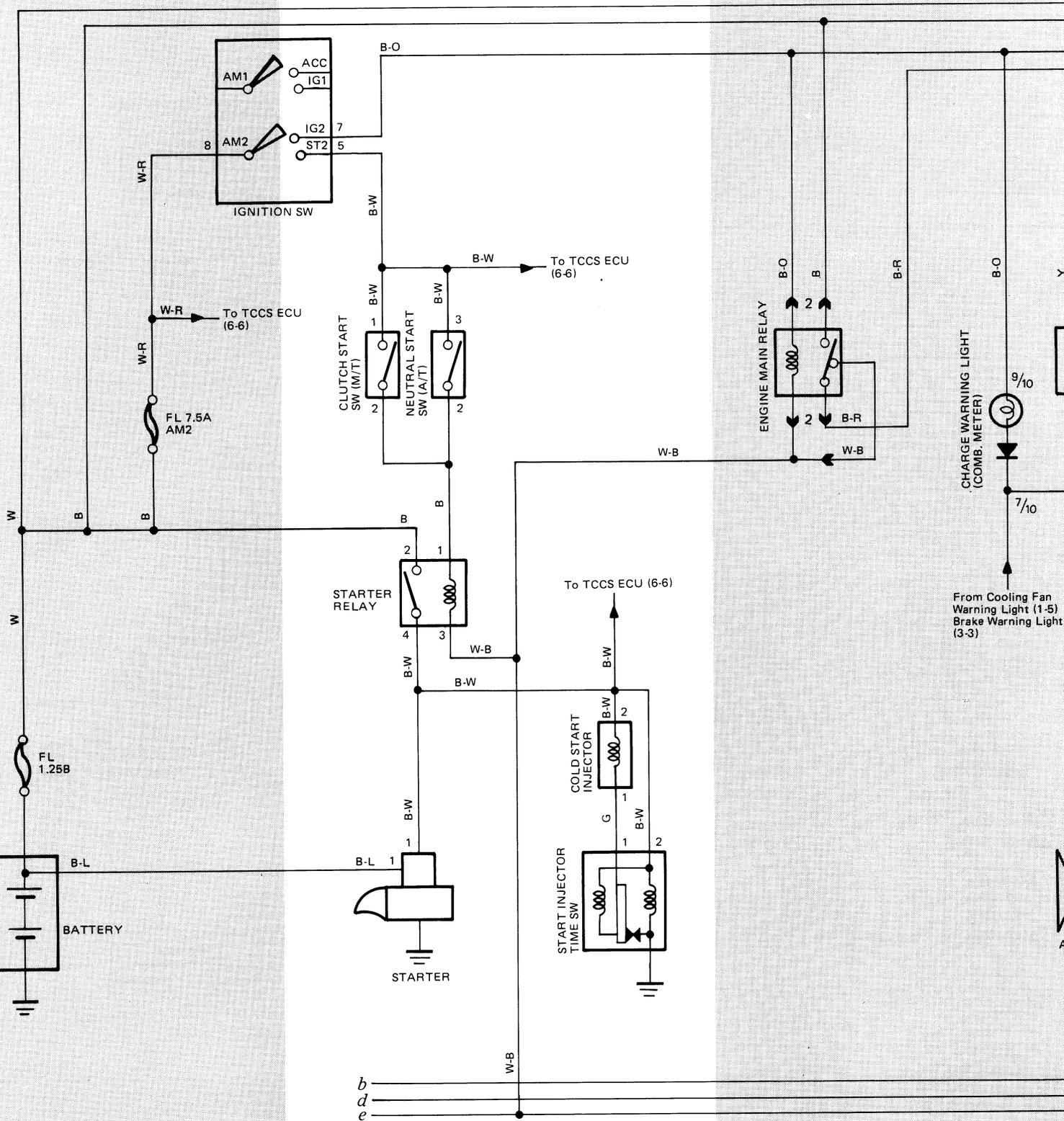
6 MR2 (Cont'd)



Power Source
(4A-GZE)



Starting
(4A-GZE)



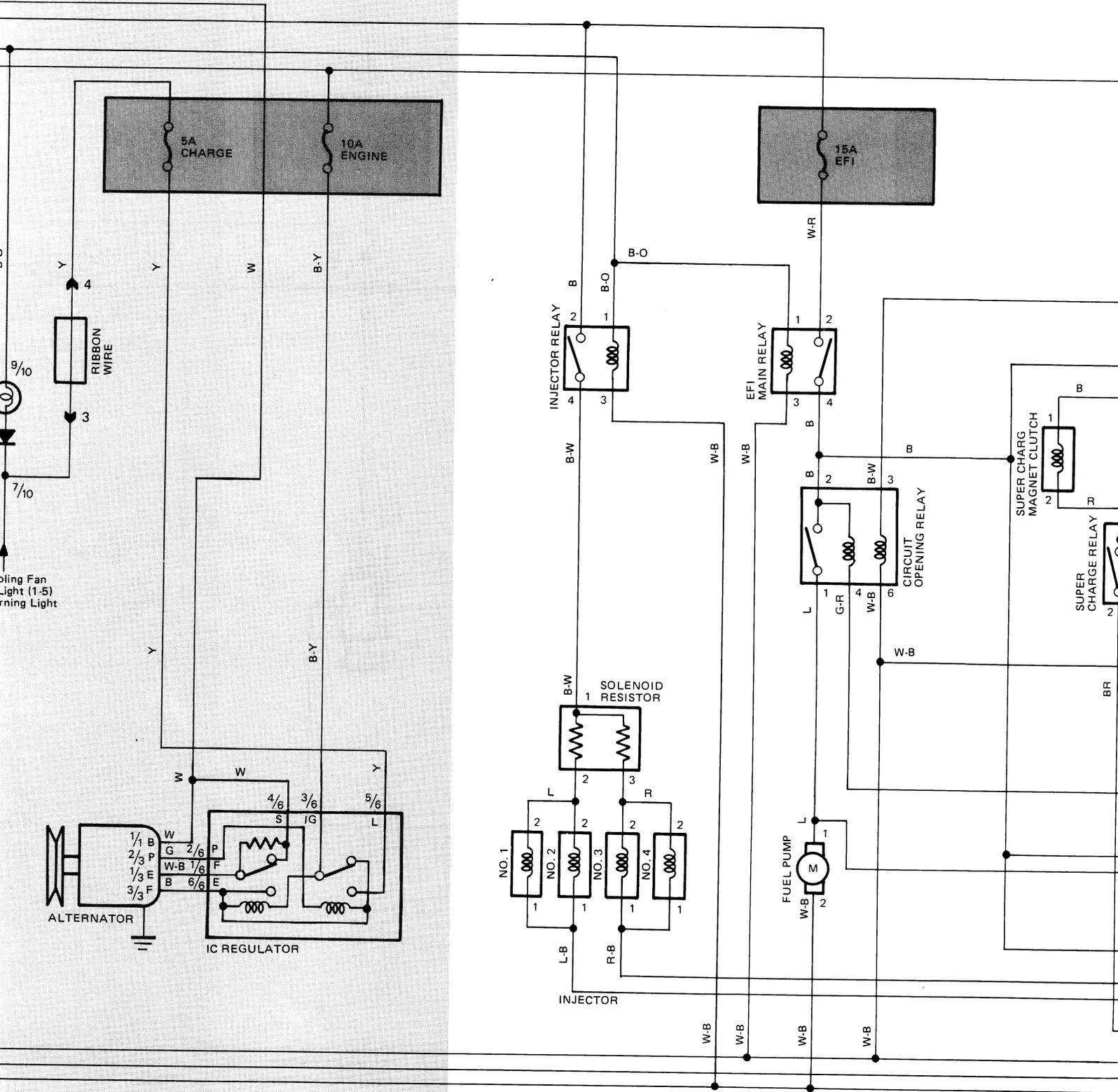
Ground points *b* = Located on engine block *d* = Located under left front pillar *e* = Located



Charging (4A-GZE)

3

4



Located on center of back panel

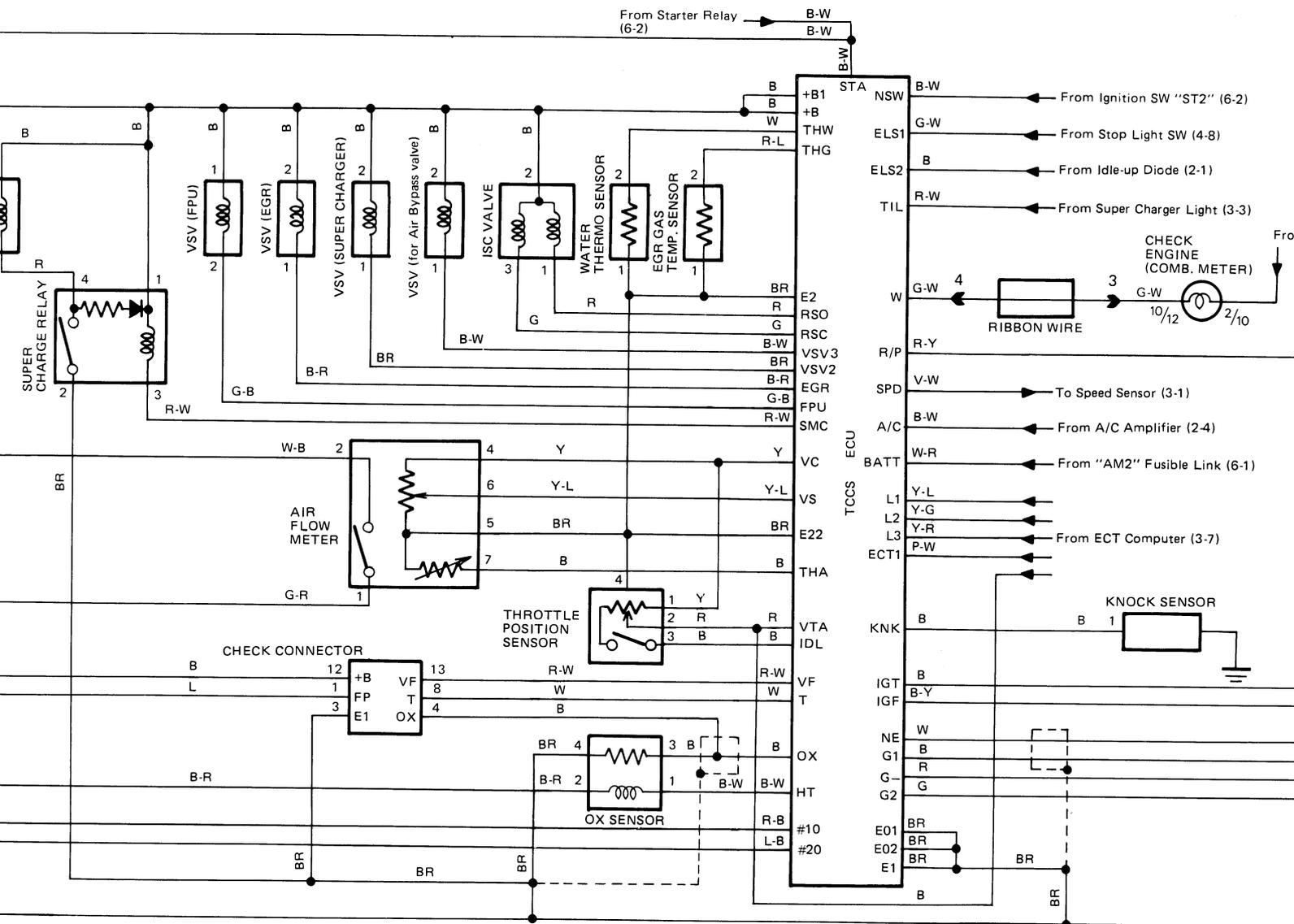
TCCS

TCCS
(4A-GZE)

5

6

E01	RSC	STA	EGR	NSW	#10	#20	G-	G1	G2	NE	VSV3	IGF	THW	R/P	VSV2	L1	L2	TIL	SPD	ELS1	THA	VS	VC	BATT	ELS2
E02	RSO	IGT	E1	SMC			VF	T	VTA	IDL	HT	OX	E2	E22		L3	ECT	A/C	W	FPU	KNK		THG	+B	+B1





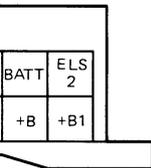
Fuel Control System (4A-GZE)

7



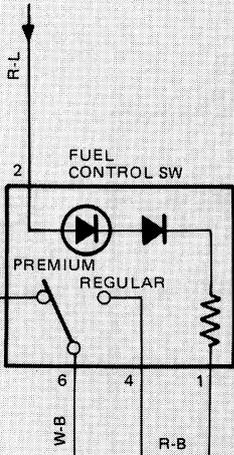
TCCS (4A-GZE)

8

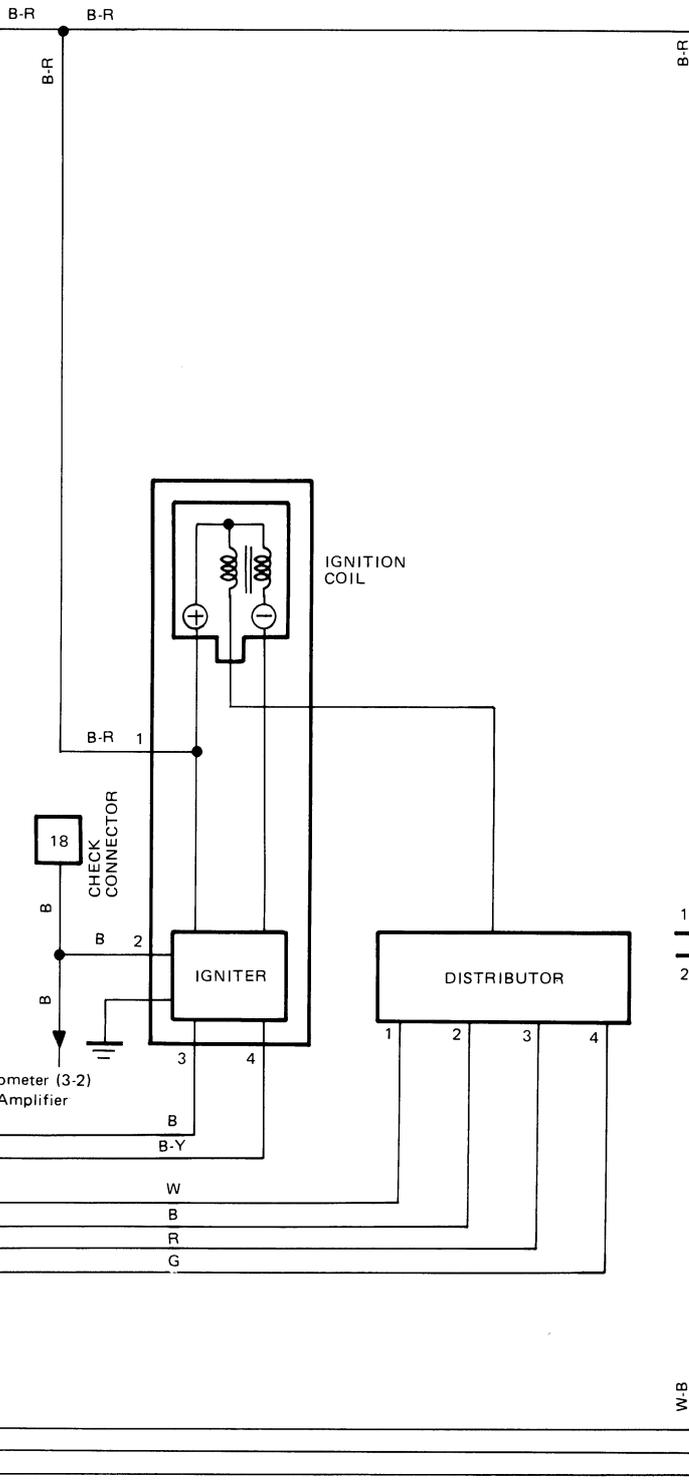


2" (6-2)
4-8)
-1)
ght (3-3)
E METER)
2/10
2-4)
Link (6-1)
3-7)
SOR

From "TURN GAG" Fuse (3-2)



From "TURN GAG" Fuse (3-2)



To Tachometer (3-2)
To A/C Amplifier (2-5)



NOISE FILTER

b
d
e