

Power Source

Starting

Engine Control

Color-Coded Wire Legend:

Wire Color	Terminal	Wire Color	Terminal
B	1	Y-R	1
BR	2	Y-R	2
BR	3	Y-R	3
BR	4	Y-R	4
BR	5	Y-R	5
BR	6	Y-R	6
BR	7	Y-R	7
BR	8	Y-R	8
BR	9	Y-R	9
BR	10	Y-R	10
BR	11	Y-R	11
BR	12	Y-R	12
BR	13	Y-R	13
BR	14	Y-R	14
BR	15	Y-R	15
BR	16	Y-R	16
BR	17	Y-R	17
BR	18	Y-R	18
BR	19	Y-R	19
BR	20	Y-R	20
BR	21	Y-R	21
BR	22	Y-R	22
BR	23	Y-R	23
BR	24	Y-R	24
BR	25	Y-R	25
BR	26	Y-R	26
BR	27	Y-R	27
BR	28	Y-R	28
BR	29	Y-R	29
BR	30	Y-R	30
BR	31	Y-R	31
BR	32	Y-R	32
BR	33	Y-R	33
BR	34	Y-R	34
BR	35	Y-R	35
BR	36	Y-R	36
BR	37	Y-R	37
BR	38	Y-R	38
BR	39	Y-R	39
BR	40	Y-R	40
BR	41	Y-R	41
BR	42	Y-R	42
BR	43	Y-R	43
BR	44	Y-R	44
BR	45	Y-R	45
BR	46	Y-R	46
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BR	86	Y-R	86
BR	87	Y-R	87
BR	88	Y-R	88
BR	89	Y-R	89
BR	90	Y-R	90
BR	91	Y-R	91
BR	92	Y-R	92
BR	93	Y-R	93
BR	94	Y-R	94
BR	95	Y-R	95
BR	96	Y-R	96
BR	97	Y-R	97
BR	98	Y-R	98
BR	99	Y-R	99
BR	100	Y-R	100

K OVERALL ELECTRICAL WIRING DIAGRAM

A: System Title

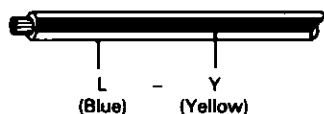
B: Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

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

The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

Example: L - Y

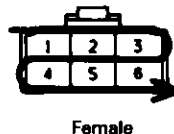


C: Indicates the connector to be connected to a part (the numeral indicates the pin No.)

D: The position of the parts is the same as shown in the wiring diagram and wire routing.

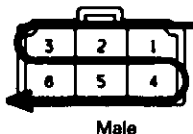
E: Indicates the pin number of the connector. The numbering system is different for female and male connectors.

Example: Numbered in order from upper left to lower right



Female

Numbered in order from upper right to lower left



Male

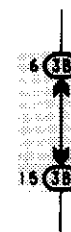
The numbering system for the overall wiring diagram is the same as above.

F: Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example: ① Indicates Relay Block No. 1.

G: Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

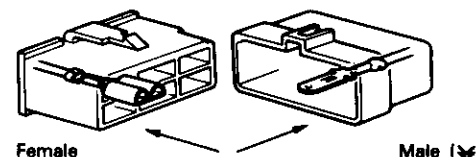
Example:



3B indicates that it is inside Junction Block No. 3.

H: Indicates related system.

I: Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (↗). Outside numerals are pin numbers.



J: () is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

K: Indicates a shielded cable.



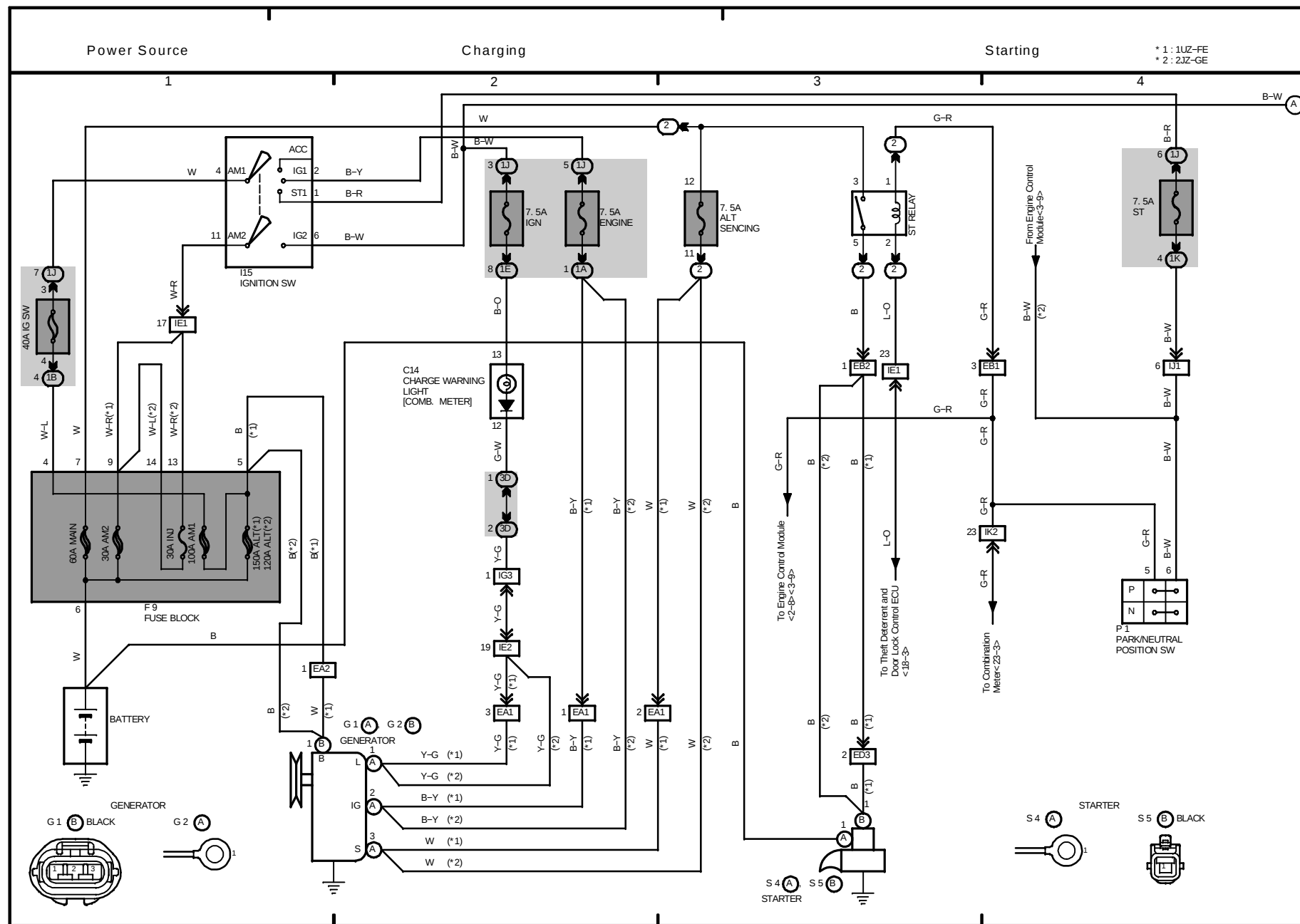
L: Indicates and located on ground point.

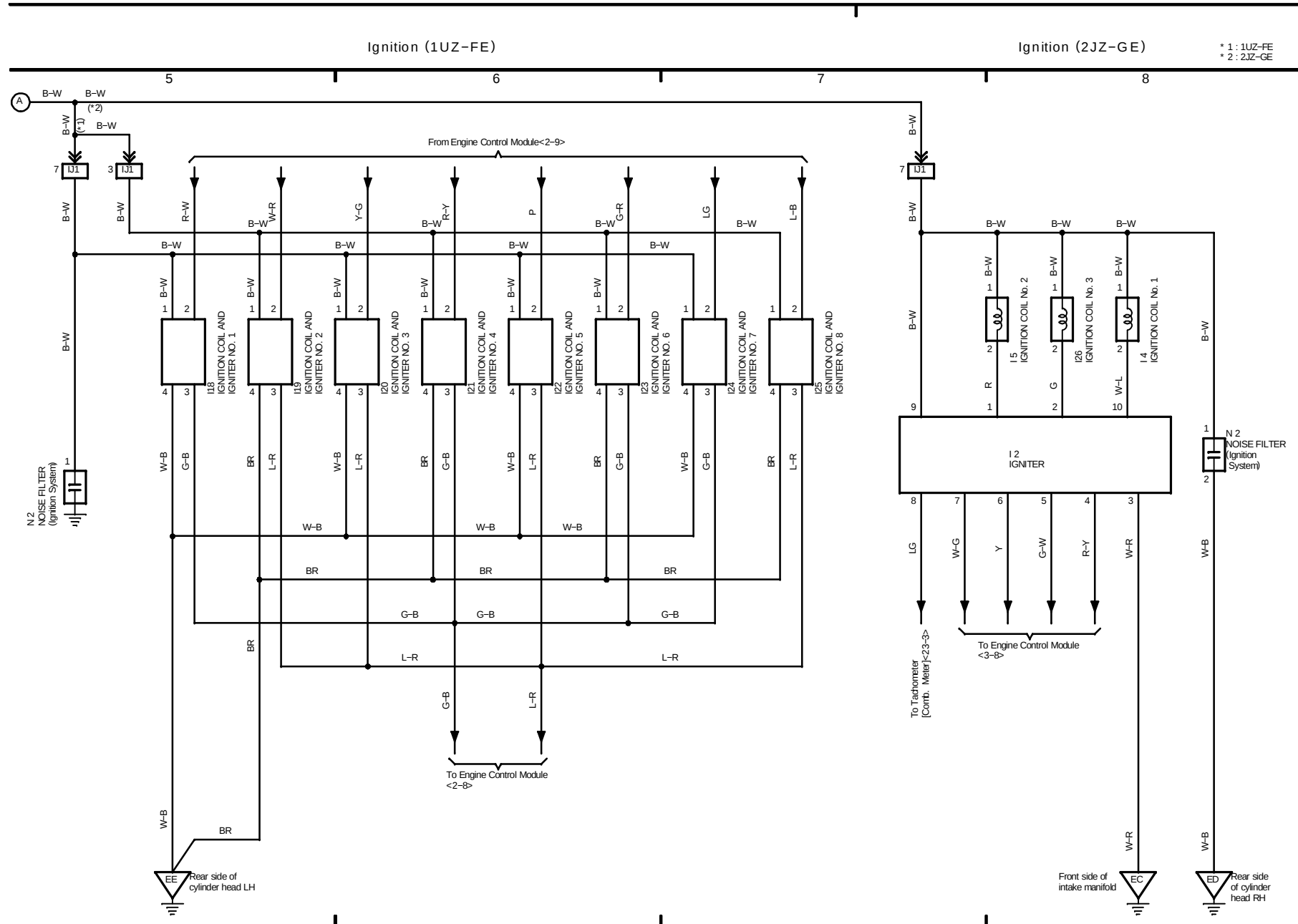
M: The same code occurring on the next page indicates that the wire harness is continuous.

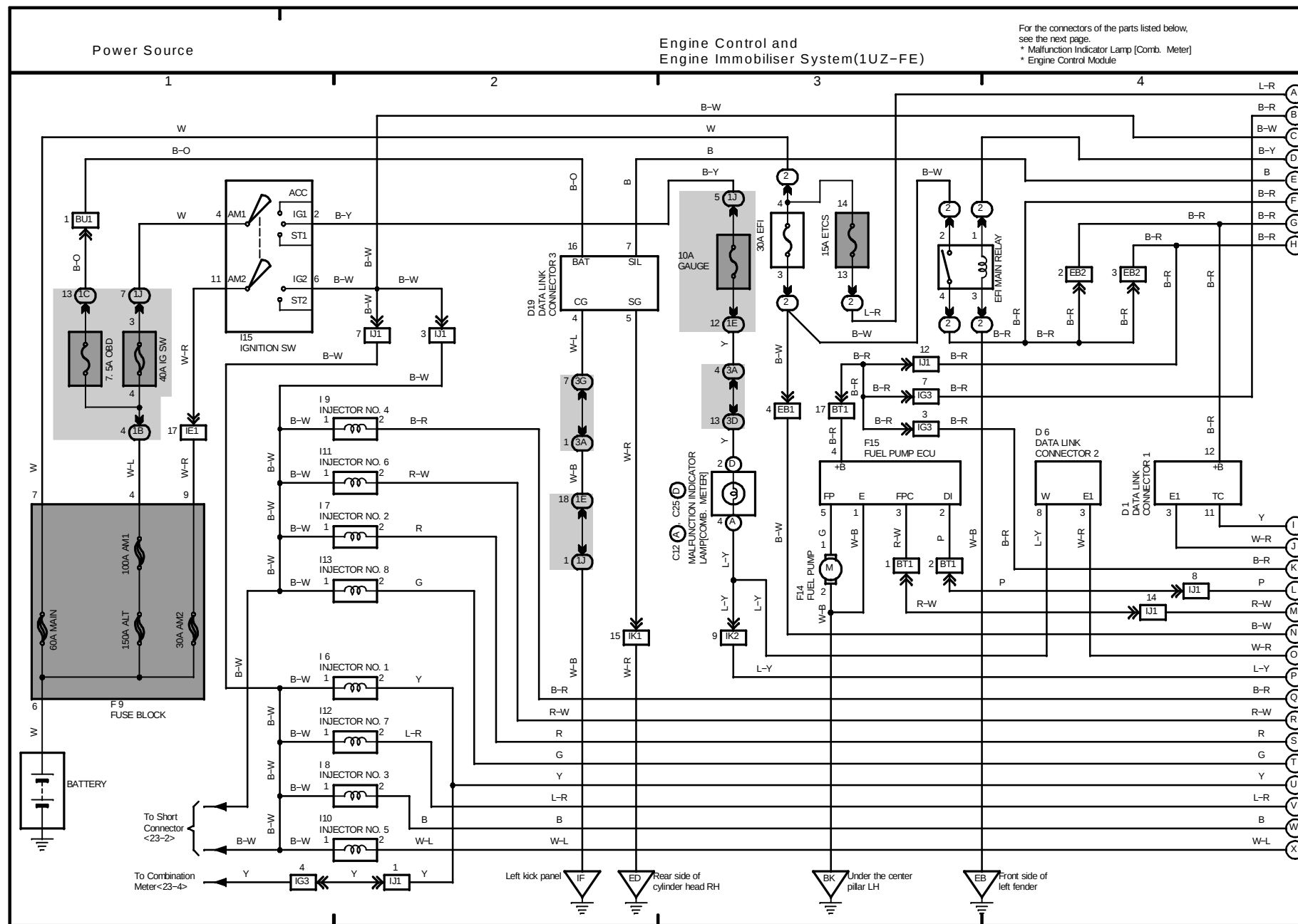
SYSTEM INDEX

1998 Model (Location No. 1 to 25)

SYSTEMS	LOCATION	SYSTEMS	LOCATION	SYSTEMS	LOCATION
ABS	11-2	Engine Control and Engine Immobiliser System (1UZ-FE)	2-2	Power Tilt and Power Telescopic	13-2
ABS and Traction Control	10-3	Engine Control and Engine Immobiliser System (2JZ-GE)	3-2	Power Window	14-3
Auto Antenna (w/ CD Player)	20-8	Fog Light	9-1	PPS	17-2
Auto Antenna (w/o CD Player)	21-4	Fuel Lid Opener	18-1	Radio and Player (w/ CD Player)	20-2
Automatic Air Conditioning	24-2	Garage Door Opener	25-4	Radio and Player (w/o CD Player)	21-2
Automatic Glare-Resistant EC Mirror	19-3	Headlight and Light Auto Turn Off	6-2	Rear Window Defogger and Mirror Heater	16-3
Automatic Light Control	8-3	Horn	15-1	Remote Control Mirror (w/ Driving Position Memory)	12-3
Back-Up Light	8-4	Ignition (1UZ-FE)	1-6	Remote Control Mirror (w/o Driving Position Memory)	12-1
Cellular Mobile Telephone	22-2	Ignition (2JZ-GE)	1-7	Seat Heater	16-2
Charging	1-2	Illumination	6-7	Shift Lock	17-2
Cigarette Lighter	16-4	Interior Light	7-3	SRS	17-4
Combination Meter	23-1	Key Reminder and Seat Belt Warning	6-4	Starting	1-4
Cruise Control (1UZ-FE)	4-2	Moon Roof	14-2	Taillight and Stop Light	6-5
Cruise Control (2JZ-GE)	5-2	Power Seat (2JZ-GE w/o Driving Position Memory)	25-2	Theft Deterrent and Door Lock Control	18-2
Electronically Controlled Hydraulic Cooling Fan (1UZ-FE)	19-2	Power Seat (Passenger's) and Electric Tension Reducer	13-7	Turn Signal and Hazard Warning Light	9-3
Electronically Controlled Transmission and A/T Indicator (1UZ-FE)	4-2	Power Seat (w/ Driving Position Memory)	13-5	Wiper and Washer	15-3
Electronically Controlled Transmission and A/T Indicator (2JZ-GE)	5-2	Power Source	1-25-1	Wireless Door Lock Control	18-7

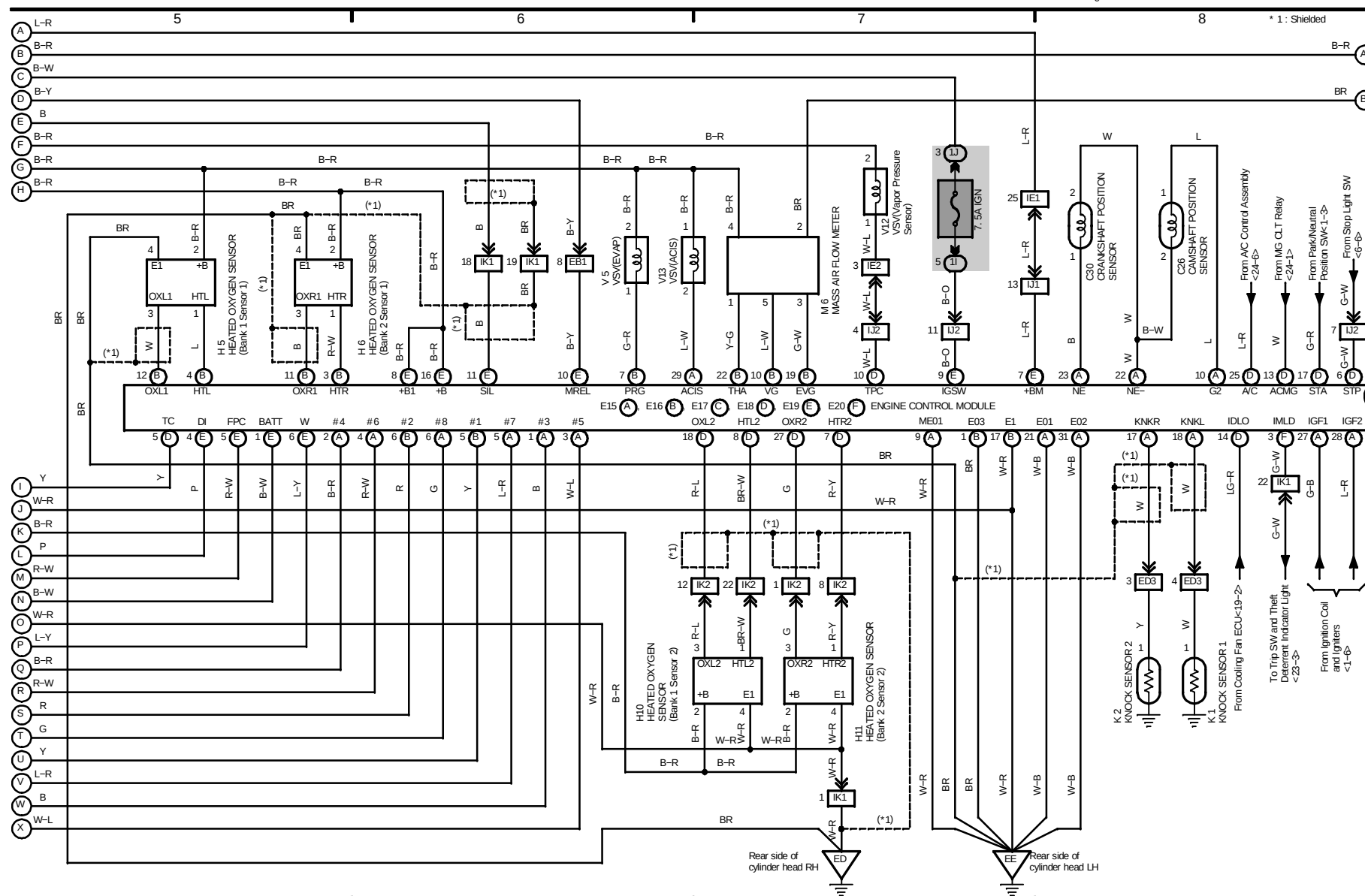






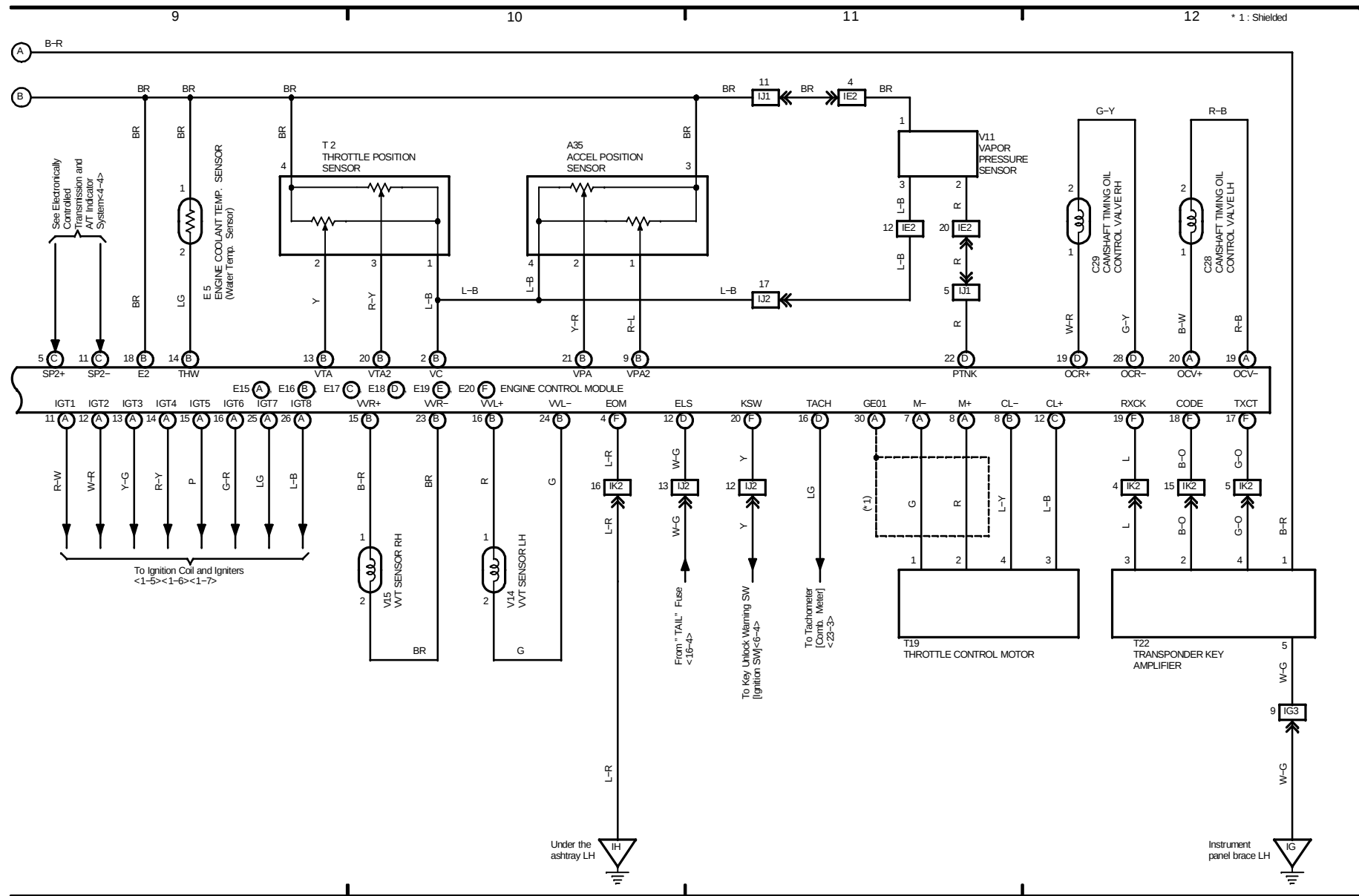
Engine Control and Engine Immobiliser System (1UZ-FE)

For the connectors of the parts listed below,
see the next page.
* Malfunction Indicator Lamp [Comb. Meter]
* Engine Control Module



Engine Control and Engine Immobiliser System (1UZ-FE)

For the connectors of the parts listed below,
see the next page.
* Malfunction Indicator Lamp [Comb. Meter]
* Engine Control Module



Engine Control and Engine Immobiliser System (1UZ-FE)

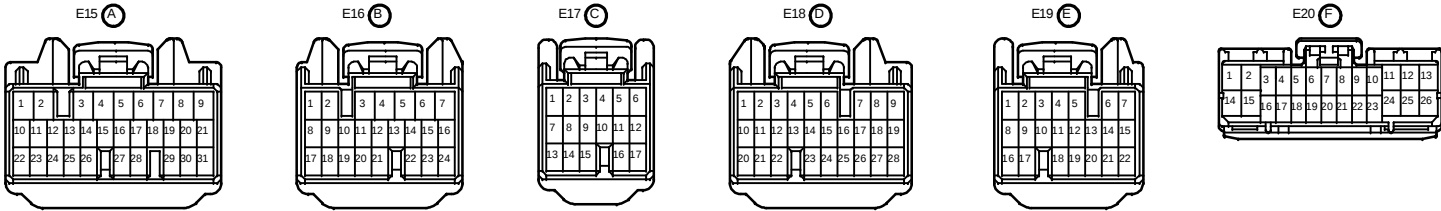
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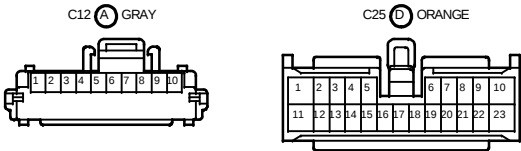
15

16

ENGINE CONTROL MODULE



MALFUNCTION INDICATOR LAMP
[COMB. METER]



Power Source

Engine Control and Engine Immobiliser System (2JZ-GE)

Legend:

- W: White
- B: Black
- Y: Yellow
- R: Red
- G: Green
- P: Purple
- L: Light Blue
- D: Dark Blue
- O: Orange
- C: Cyan
- M: Magenta
- N: Navy Blue
- BK: Black
- EB: Earth Battery
- IF: Ignition Switch
- ED: Earth Drain
- EC: Earth Control

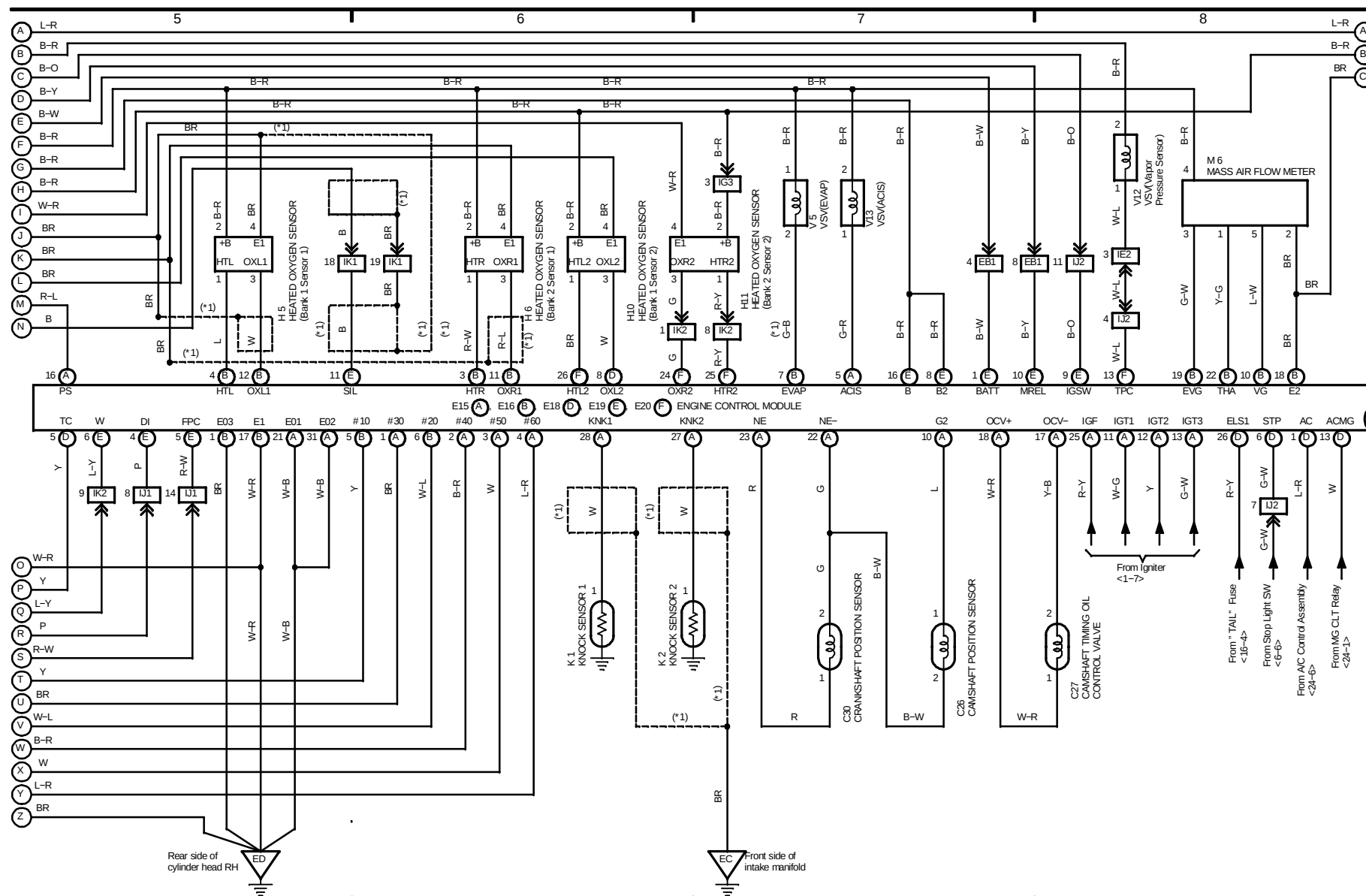
Components and Locations:

- 120A ALT
- 100A AM1
- 30A INJ
- 60A MAIN
- 30A AM2
- BATTERY
- F9 FUSE BLOCK
- I15 IGNITION SW
- 7.5A IGN
- 30A EFI
- 15A ETCS
- EFI MAIN RELAY
- 10A GAUGE
- F15 FUEL PUMP ECU
- F14 FUEL PUMP
- CL2 C25 MALFUNCTION INDICATOR LAMP (COMB. METER)
- D19 DATA LINK CONNECTOR 3
- D6 DATA LINK CONNECTOR 2
- D1 DATA LINK CONNECTOR 1
- P2 POWER STEERING OIL PRESSURE SW

Locations:

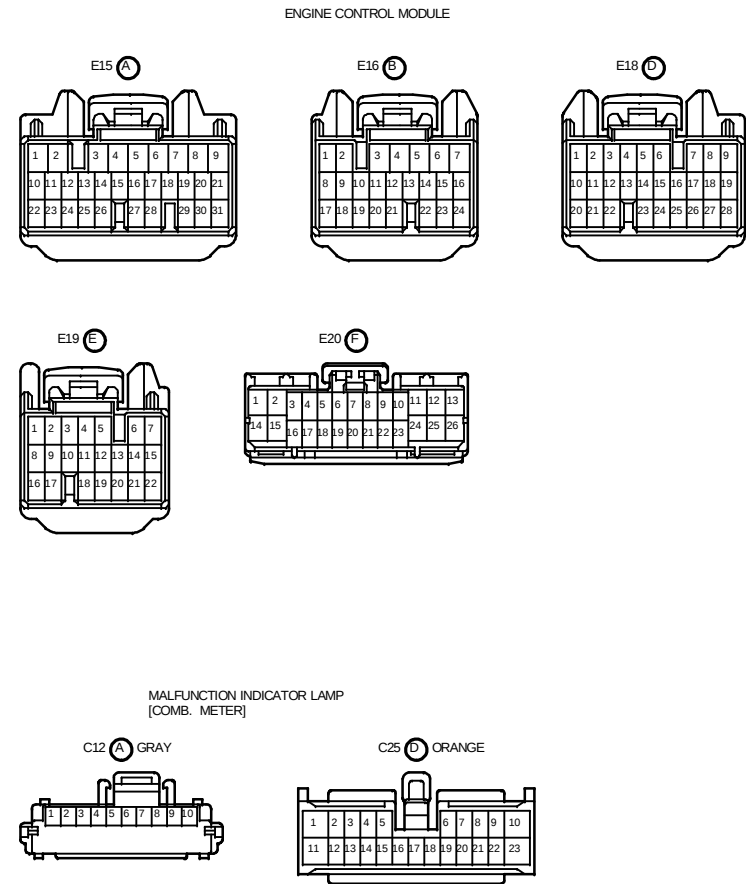
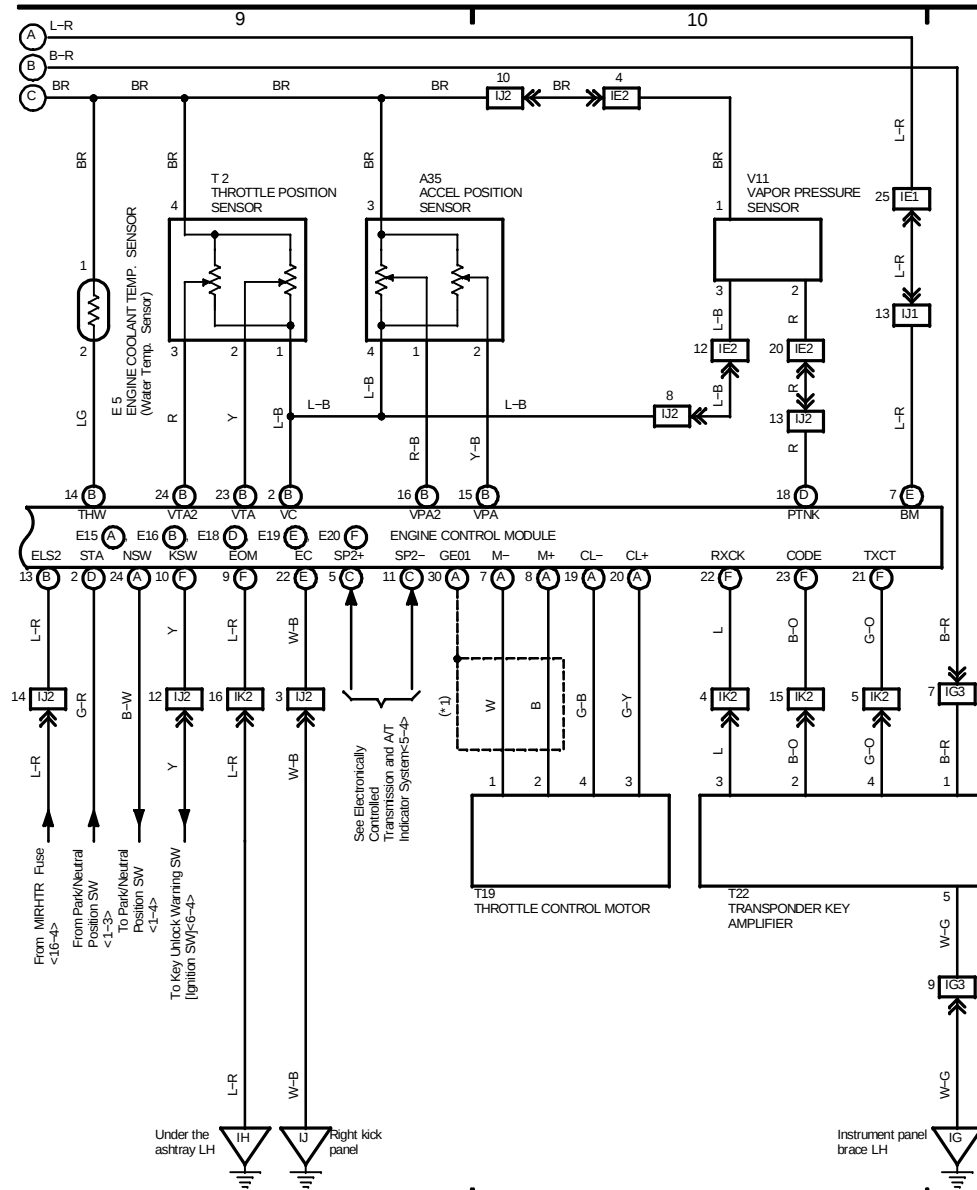
- Under the center pillar LH
- Front side of left fender
- Left kick panel
- Rear side of cylinder head RH
- Front side of intake manifold

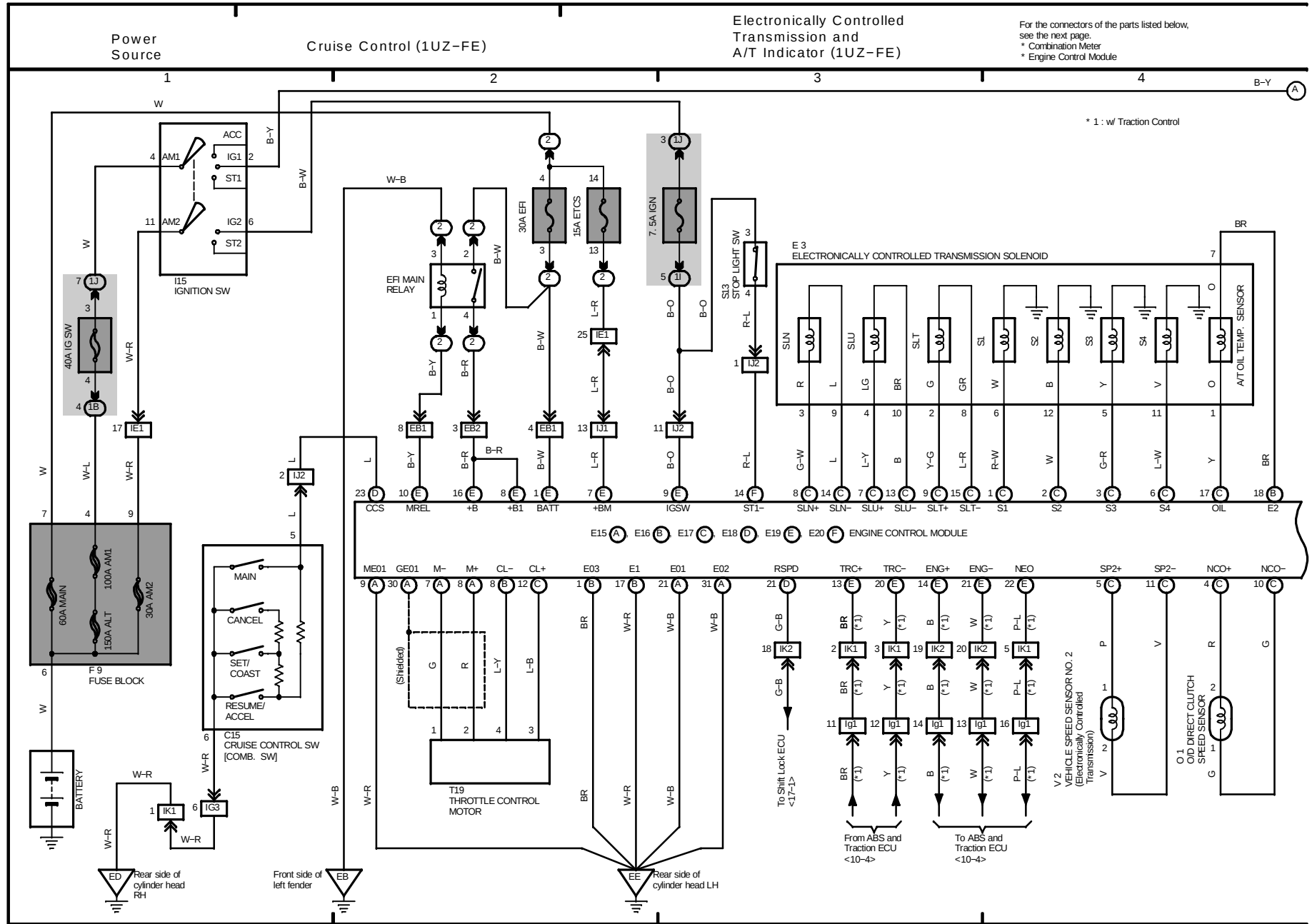
* 1 : Shielded



Engine Control and Engine Immobiliser System (2JZ-GE)

* 1: Shielded





For the connectors of the parts listed below,
see the next page.

- * Combination Meter
- * Engine Control Module



Electronically Controlled Transmission and A/T Indicator (1UZ-FE)

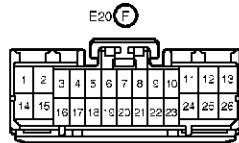
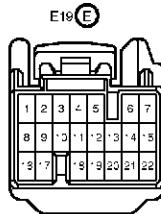
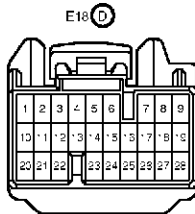
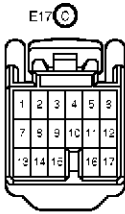
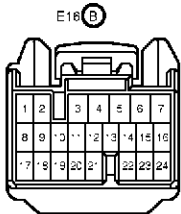
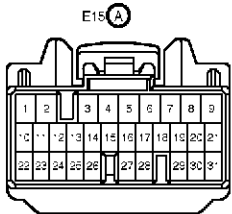
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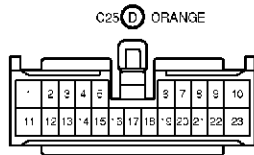
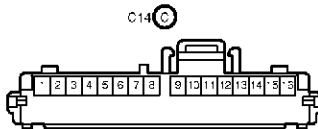
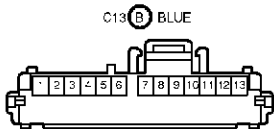
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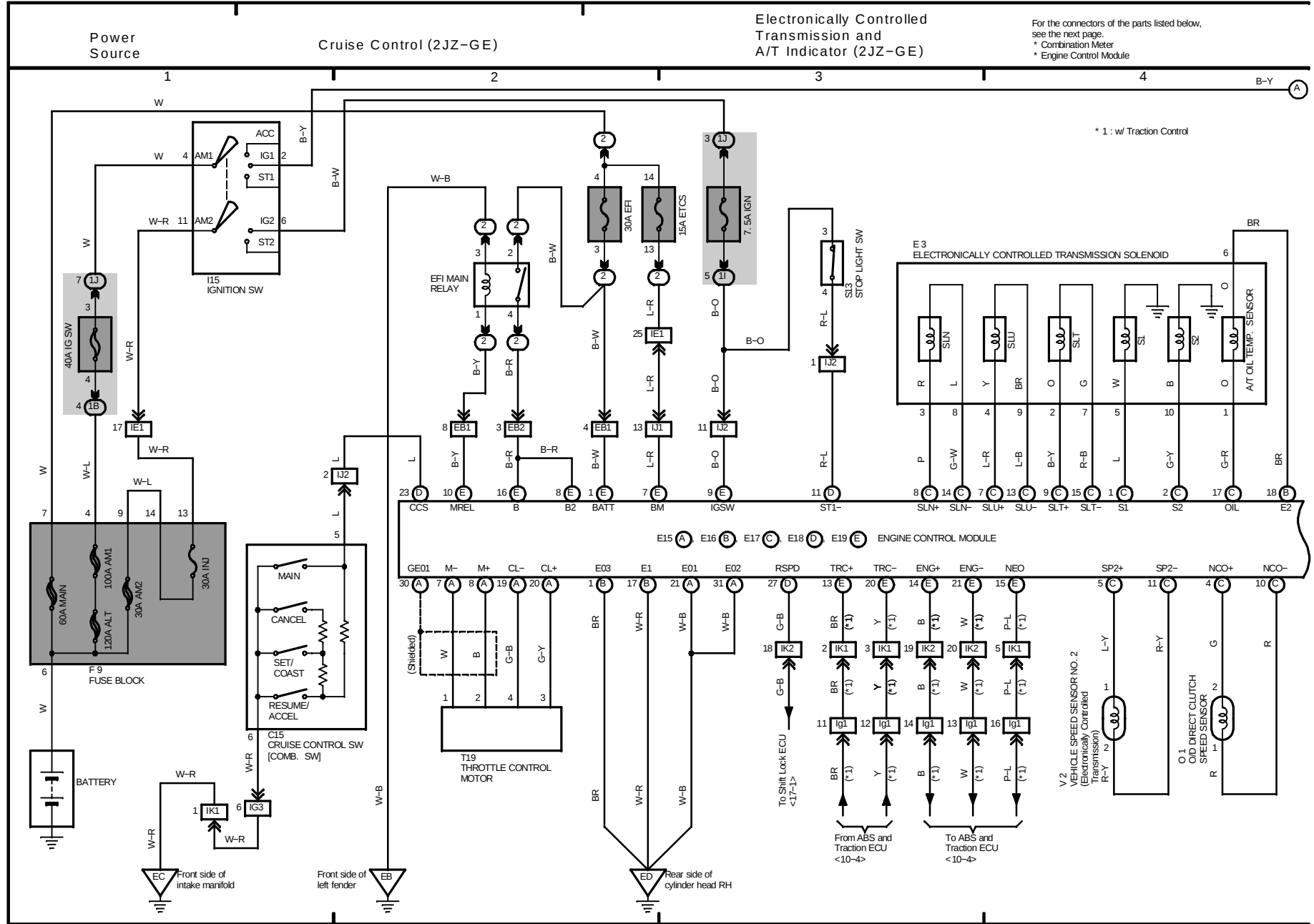
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ENGINE CONTROL MODULE



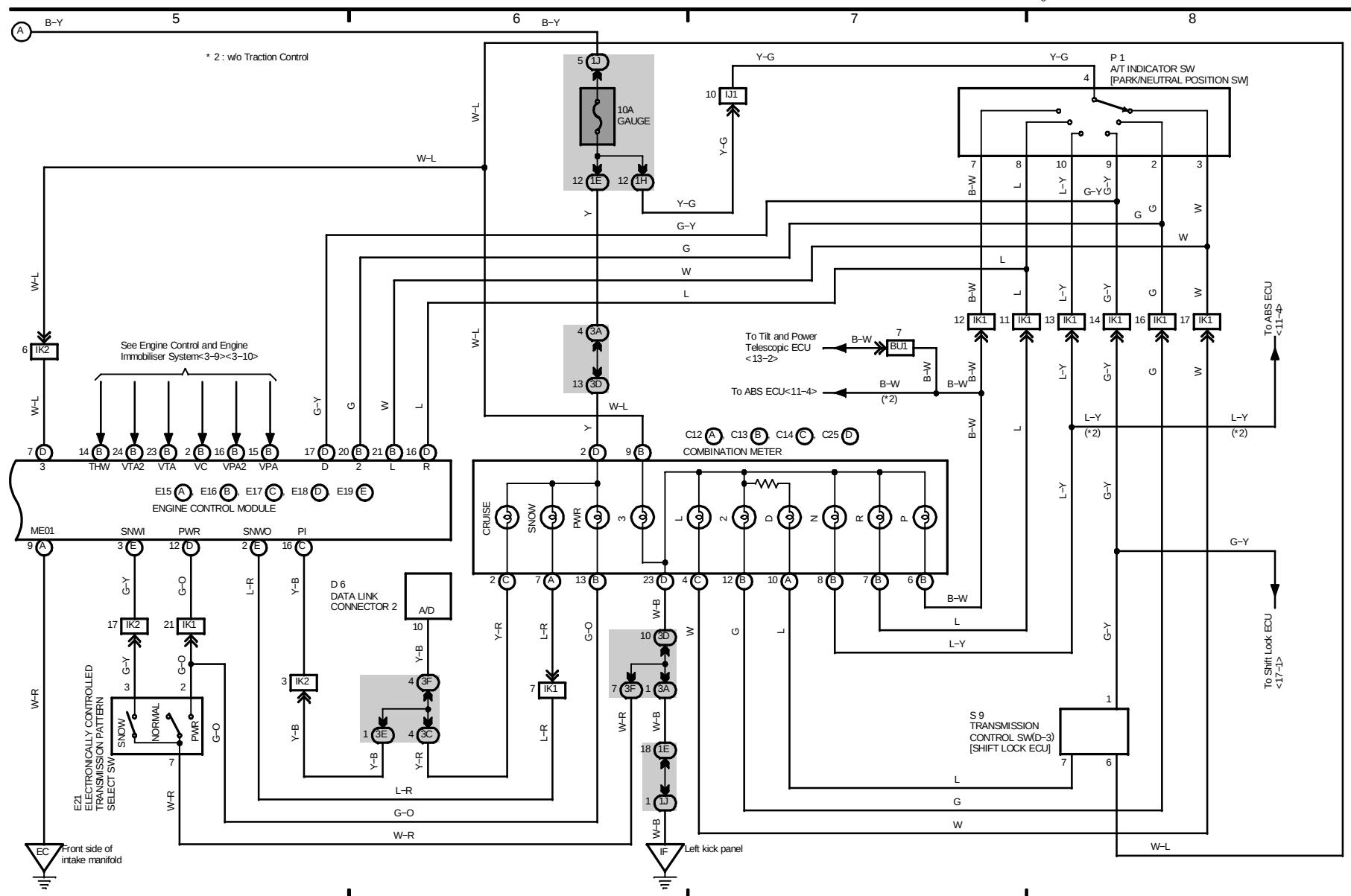
COMBINATION METER





For the connectors of the parts listed below,
see the next page.

- * Combination Meter
- * Engine Control Module



Electronically Controlled Transmission and A/T Indicator (2JZ-G E)

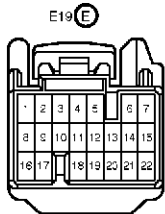
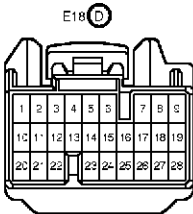
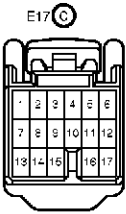
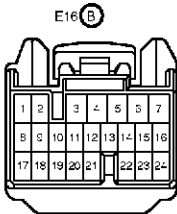
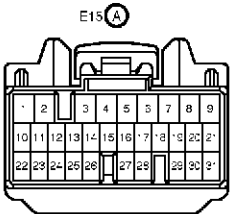
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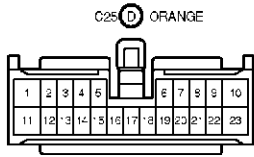
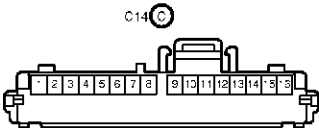
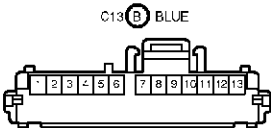
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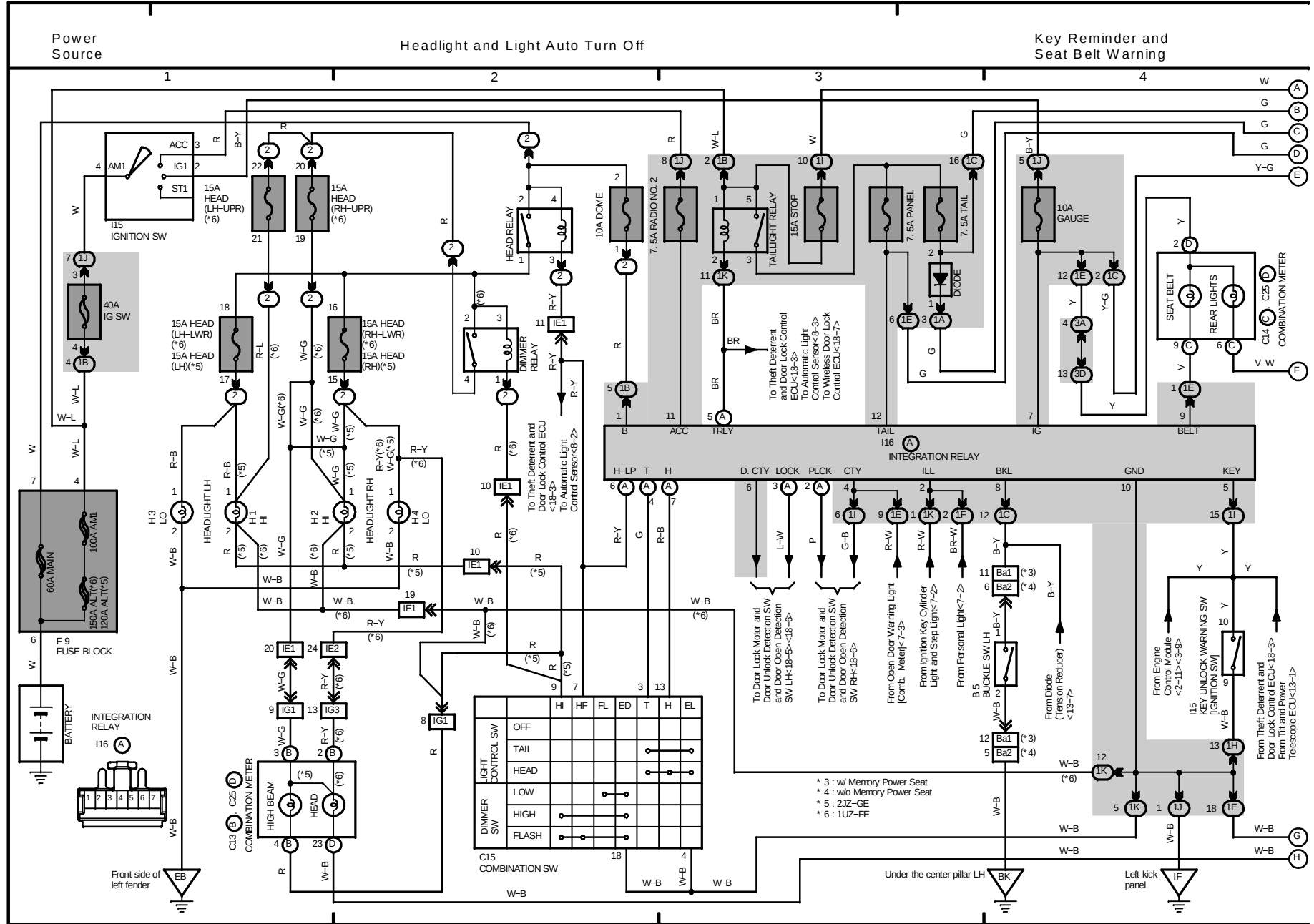
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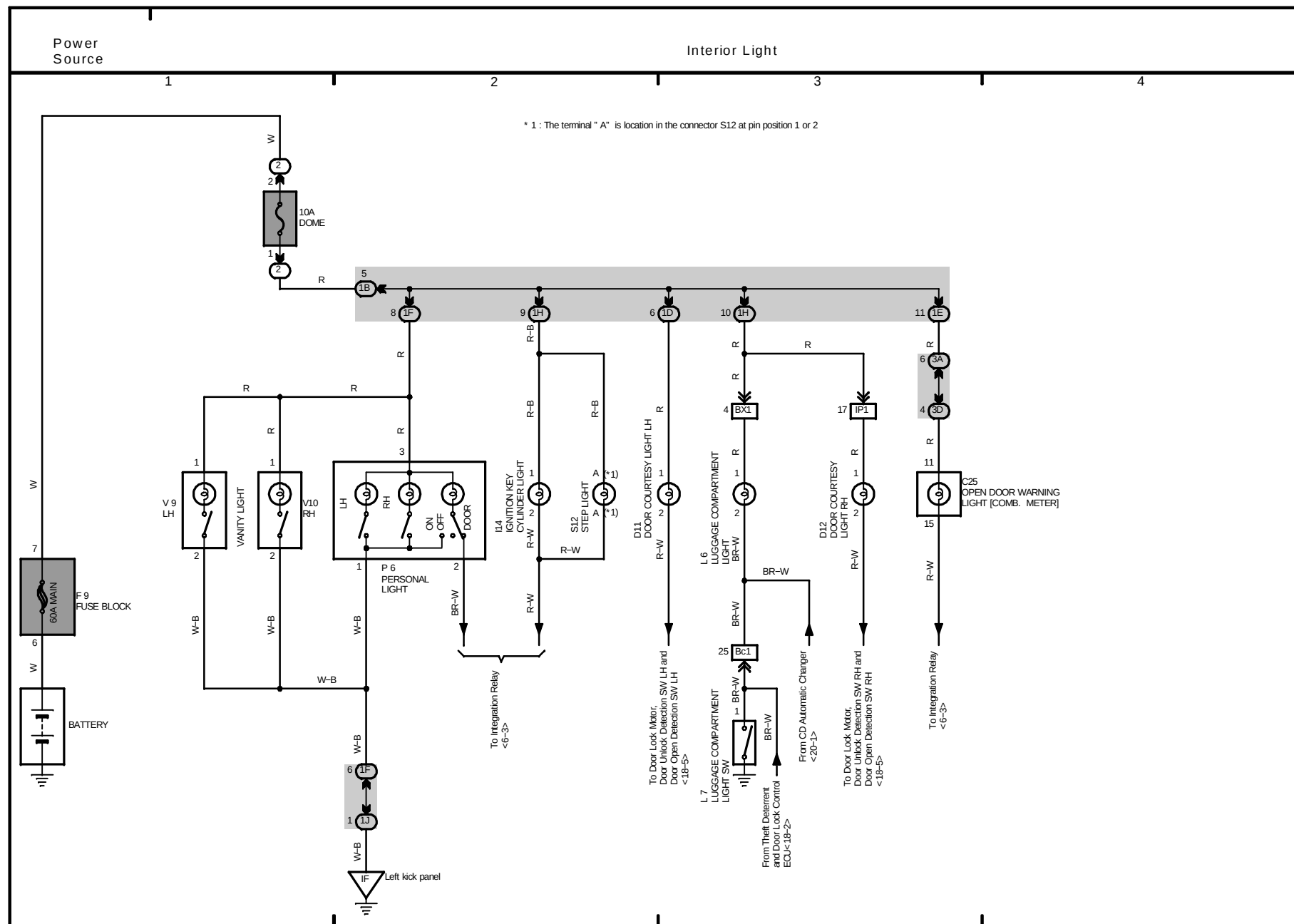
ENGINE CONTROL MODULE

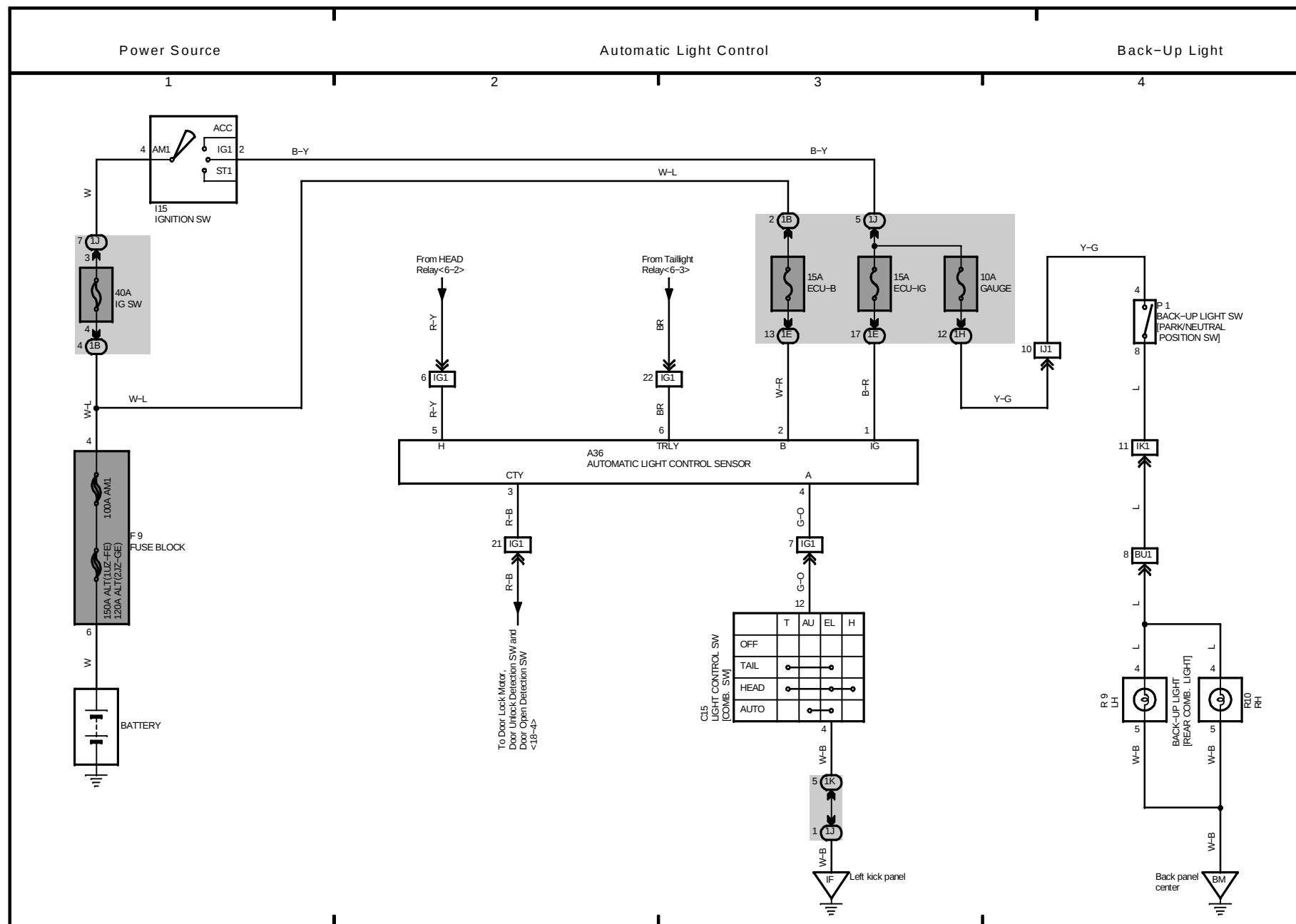


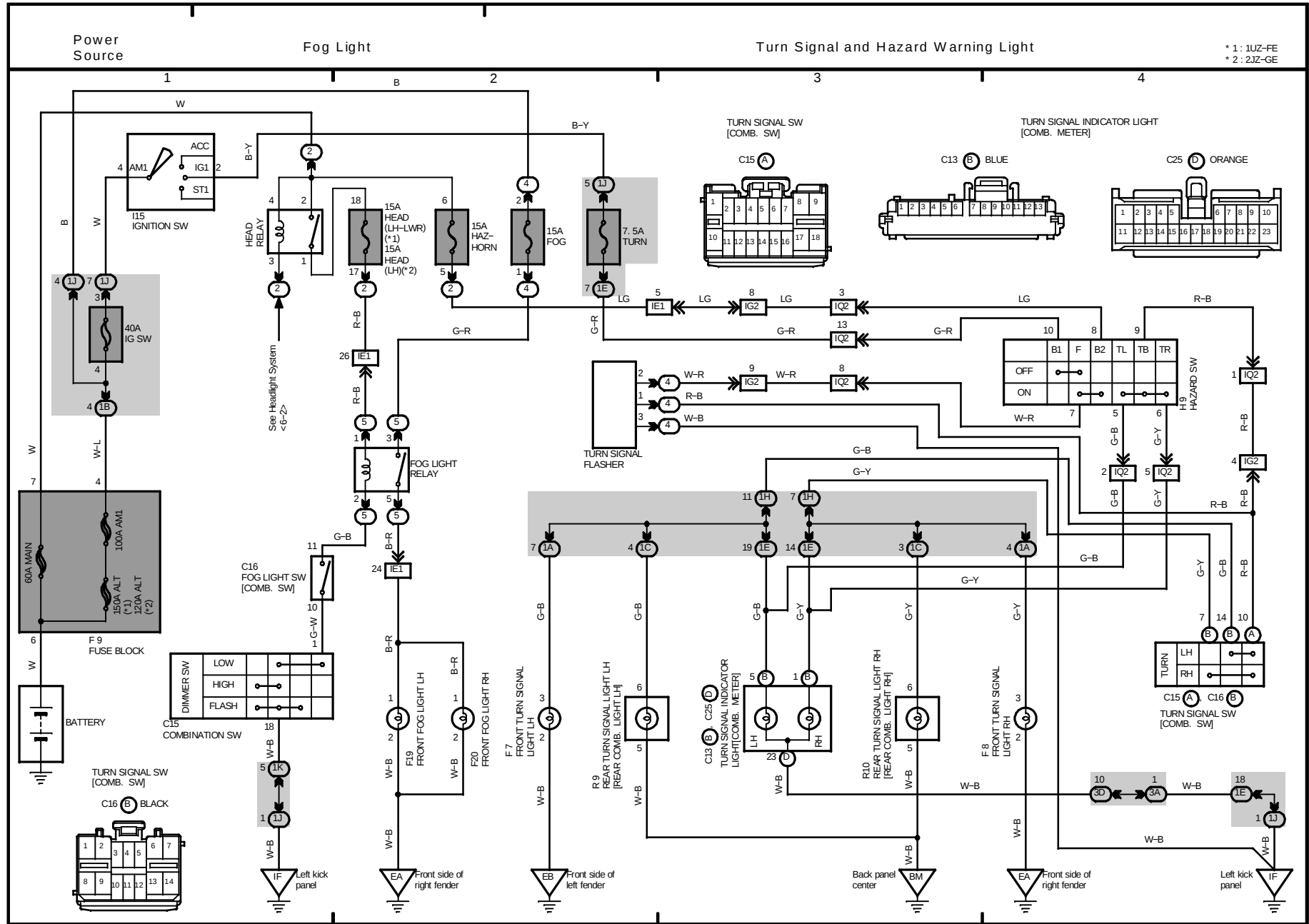
COMBINATION METER

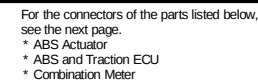






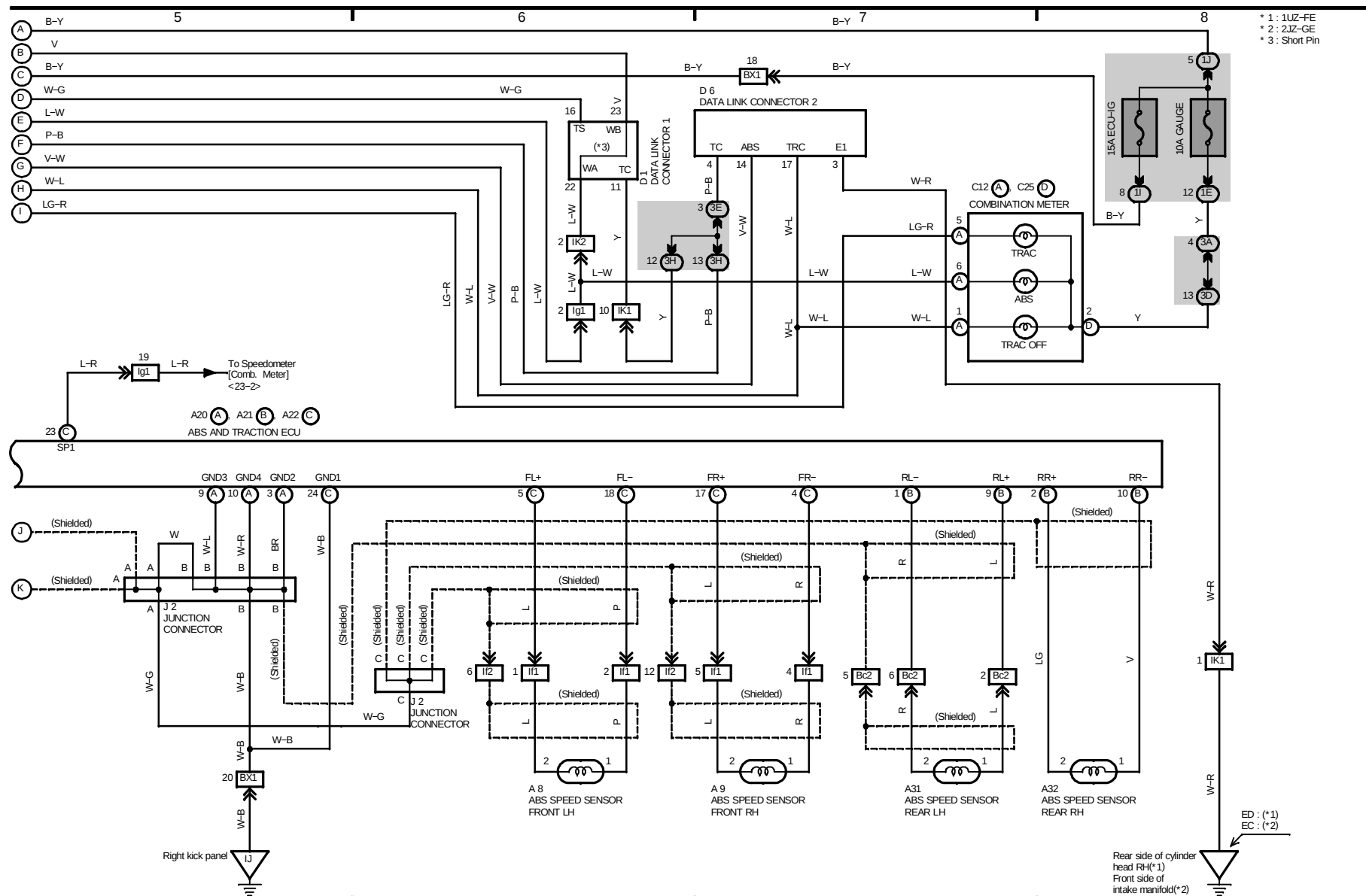






ABS and Traction Control

For the connectors of the parts listed below,
see the next page.
* ABS Actuator
* ABS and Traction ECU
* Combination Meter



ABS and Traction Control

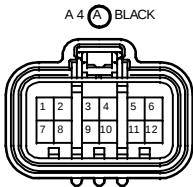
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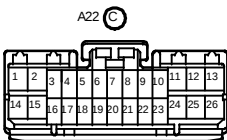
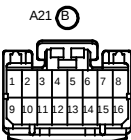
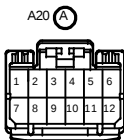
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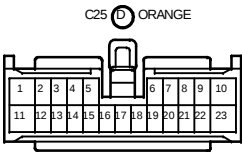
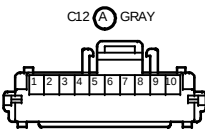
ABS ACTUATOR

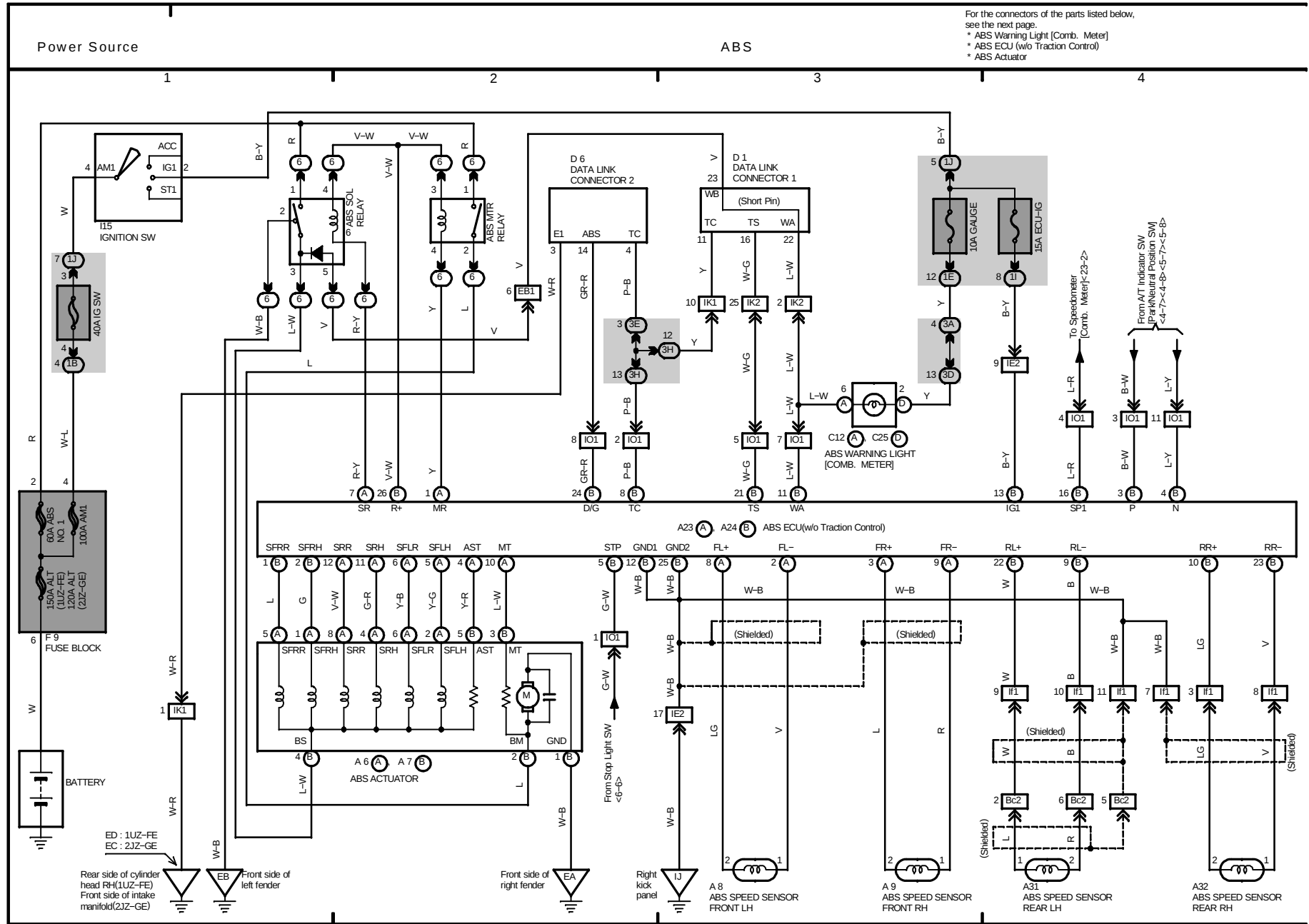


ABS AND TRACTION ECU



COMBINATION METER





ABS

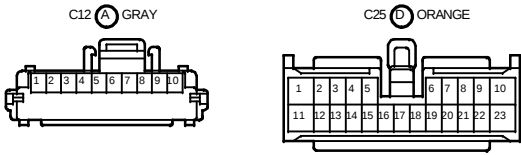
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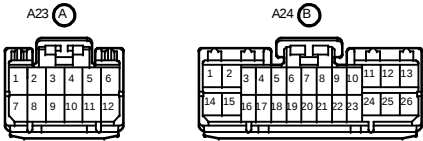
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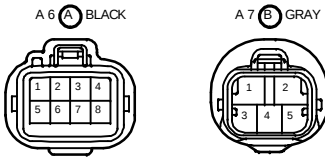
ABS WARNING LIGHT[COMB. METER]

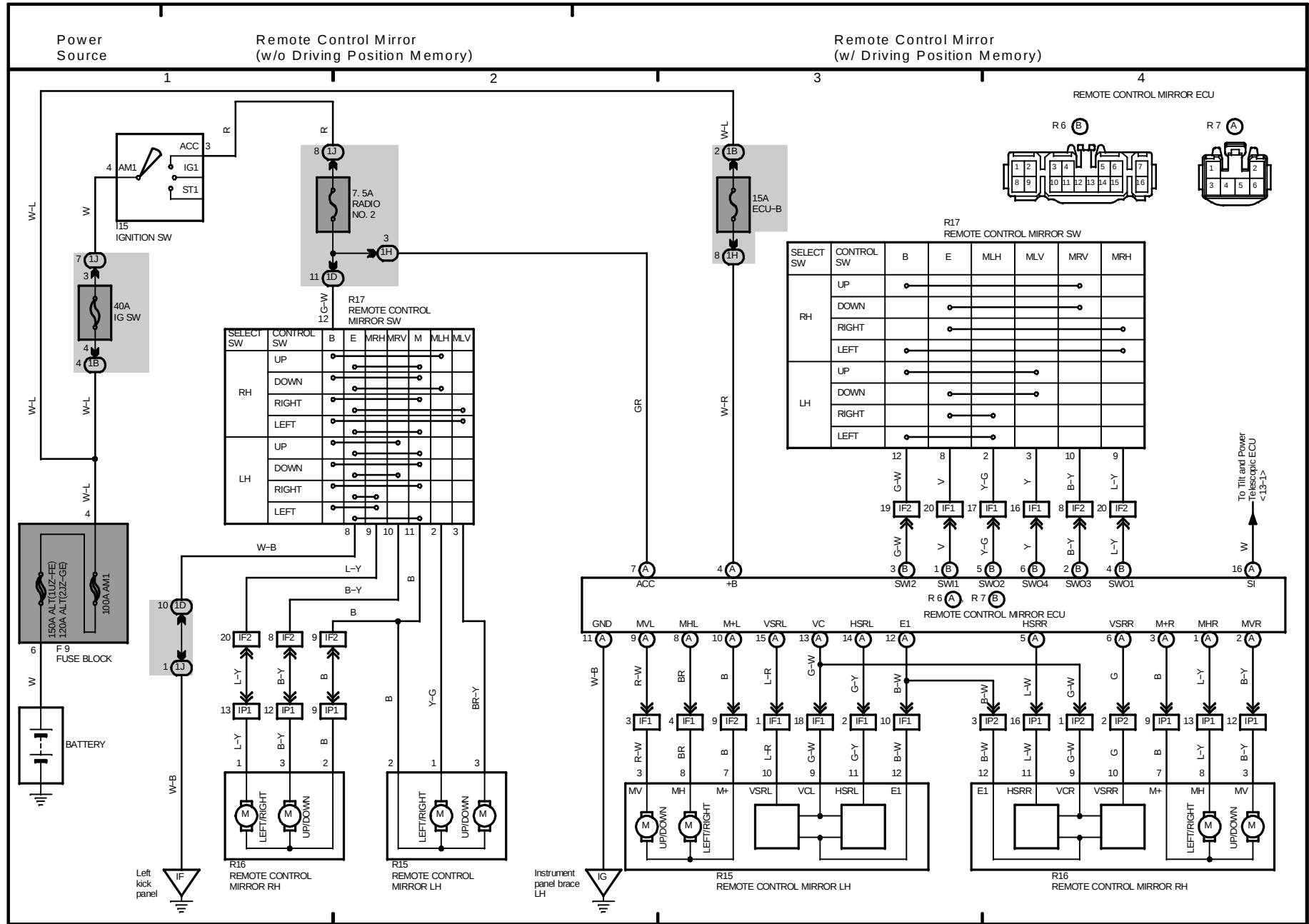


ABS ECU(w/o Traction Control)

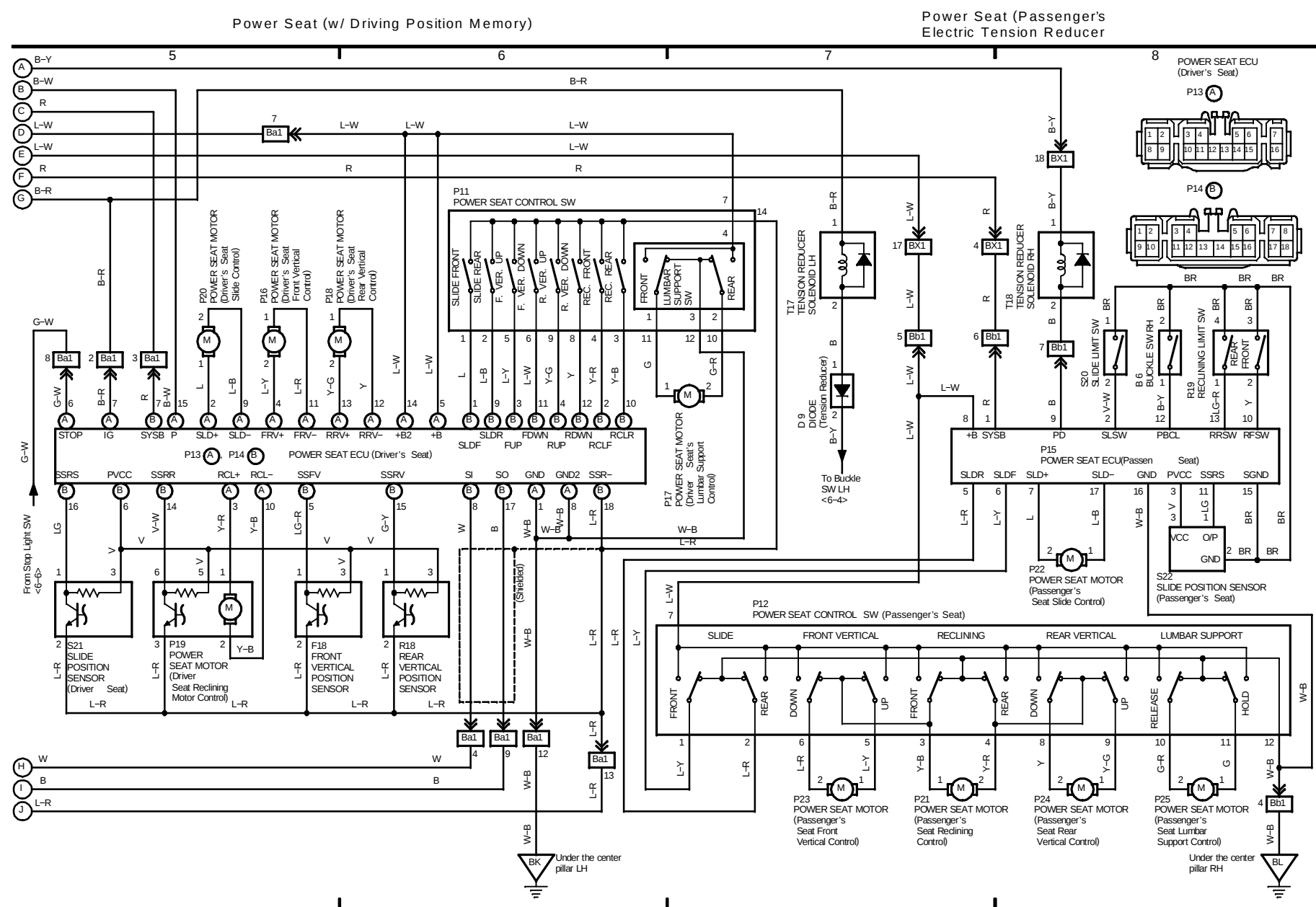


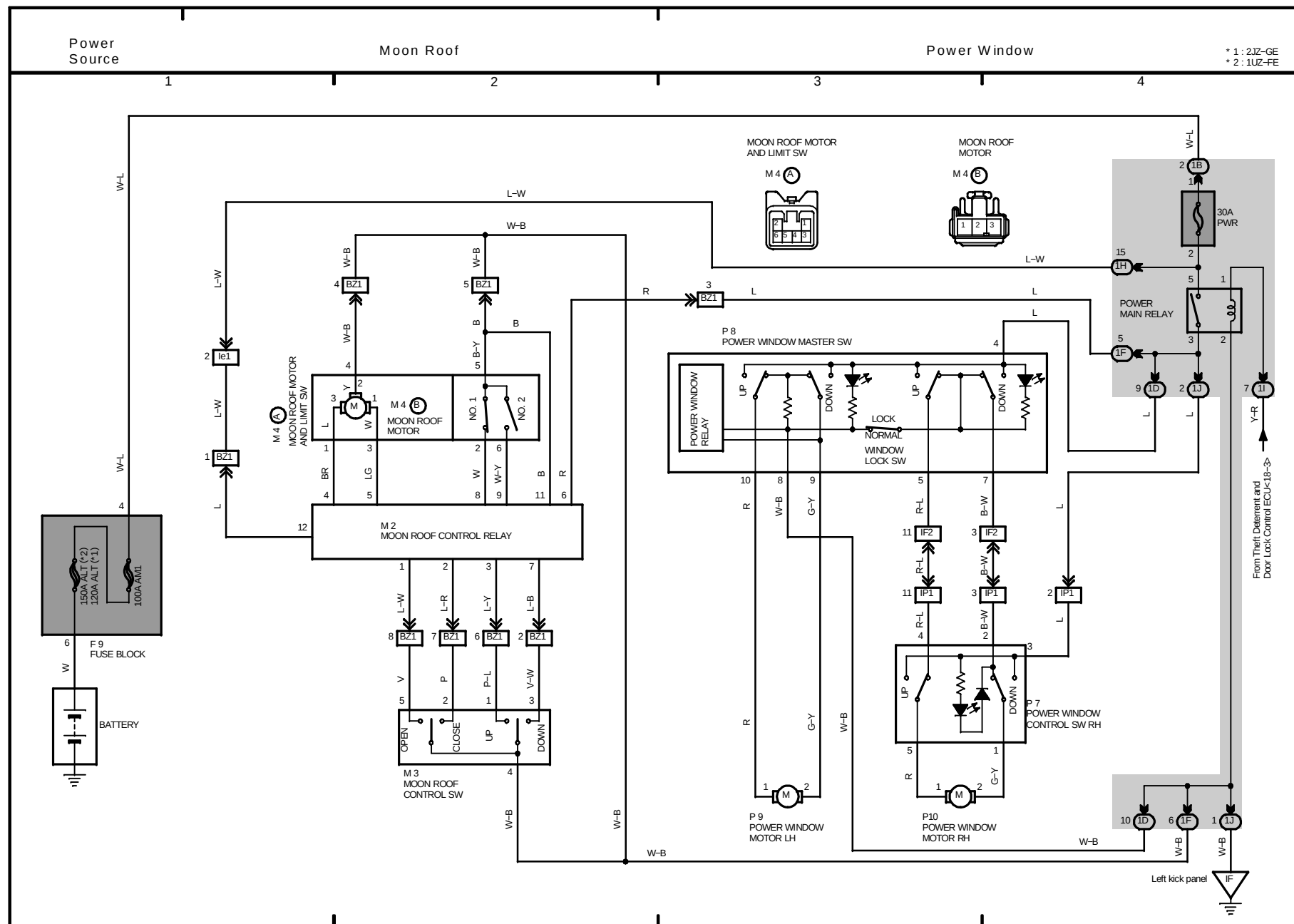
ABS ACTUATOR

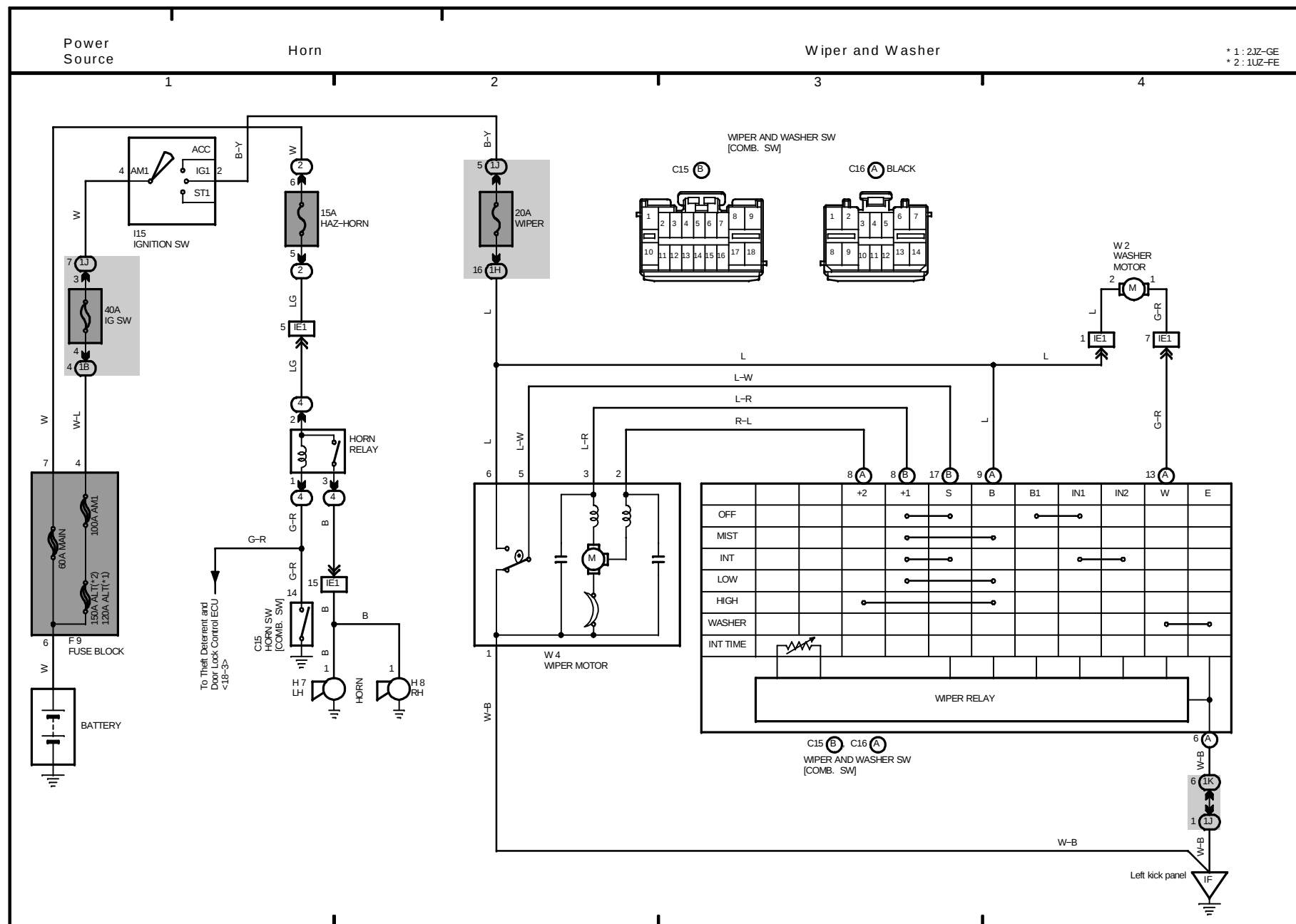


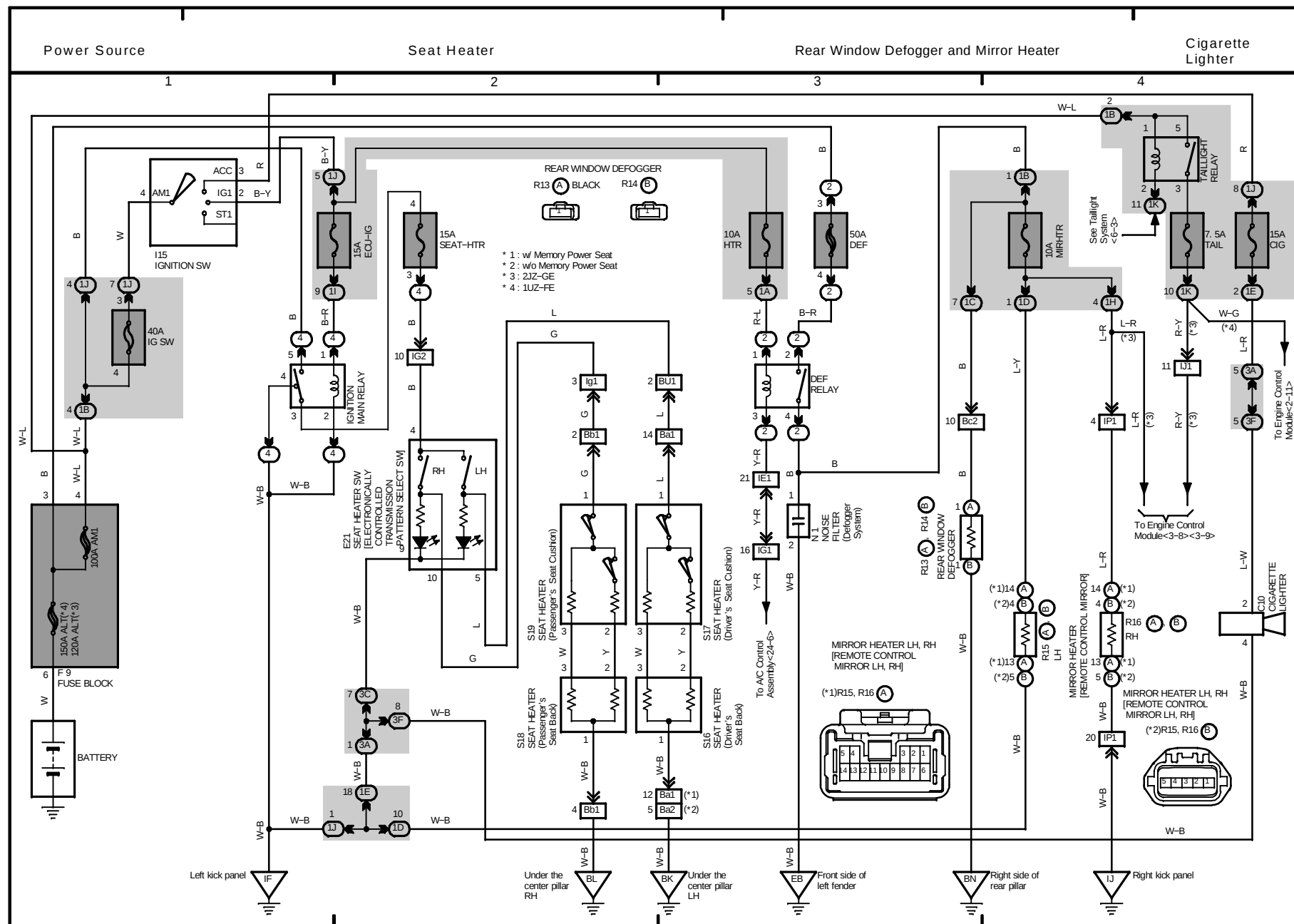


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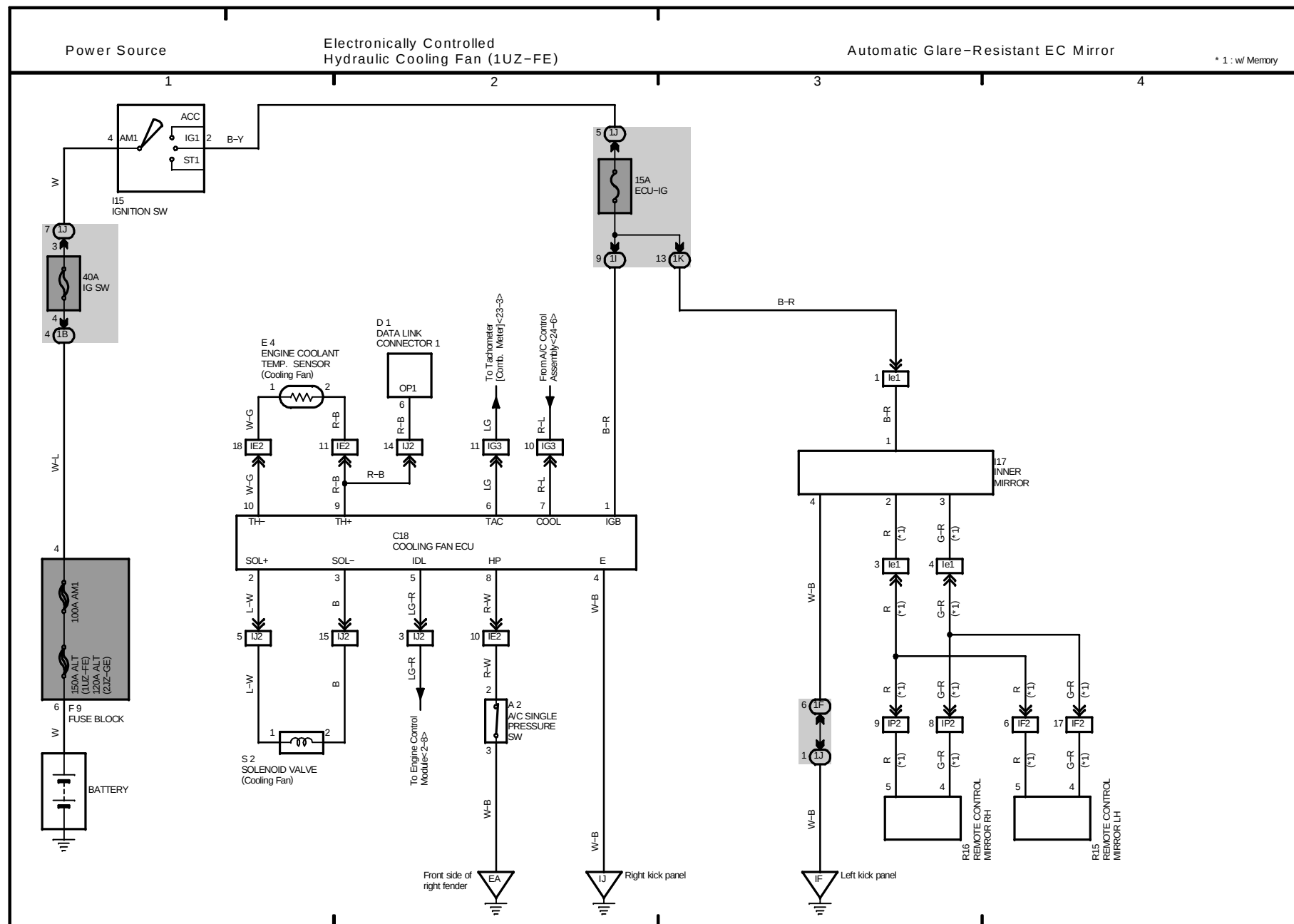




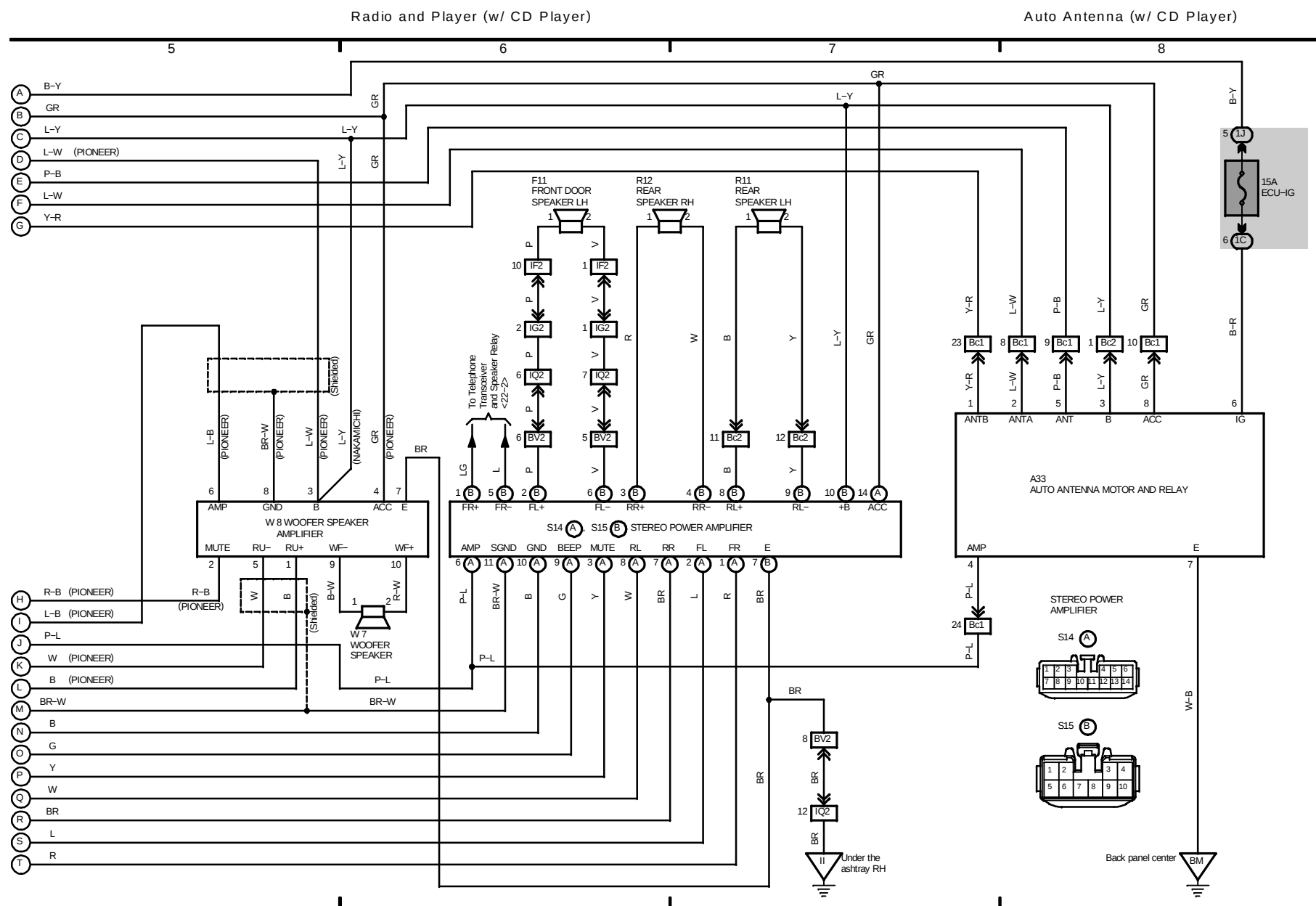


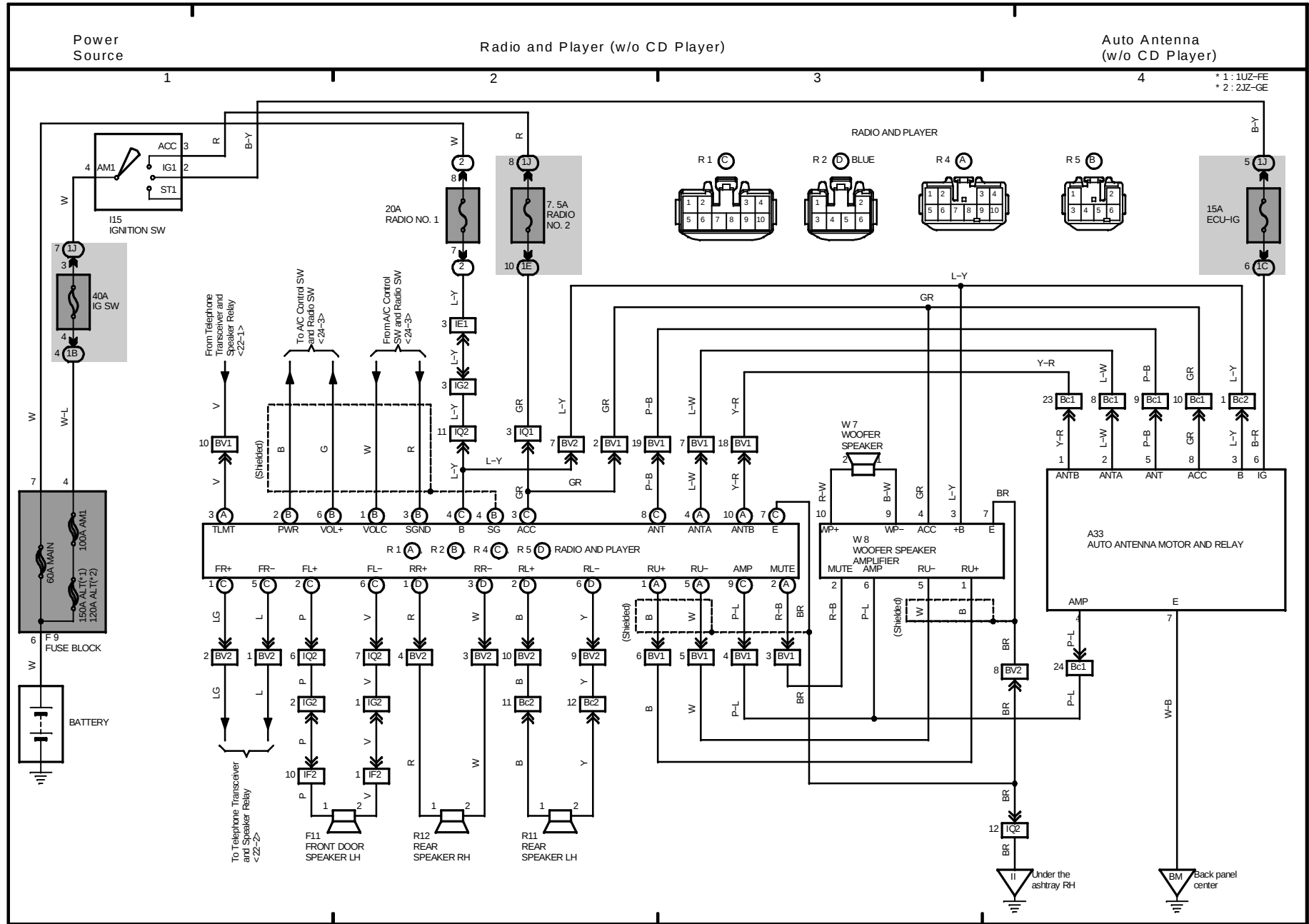
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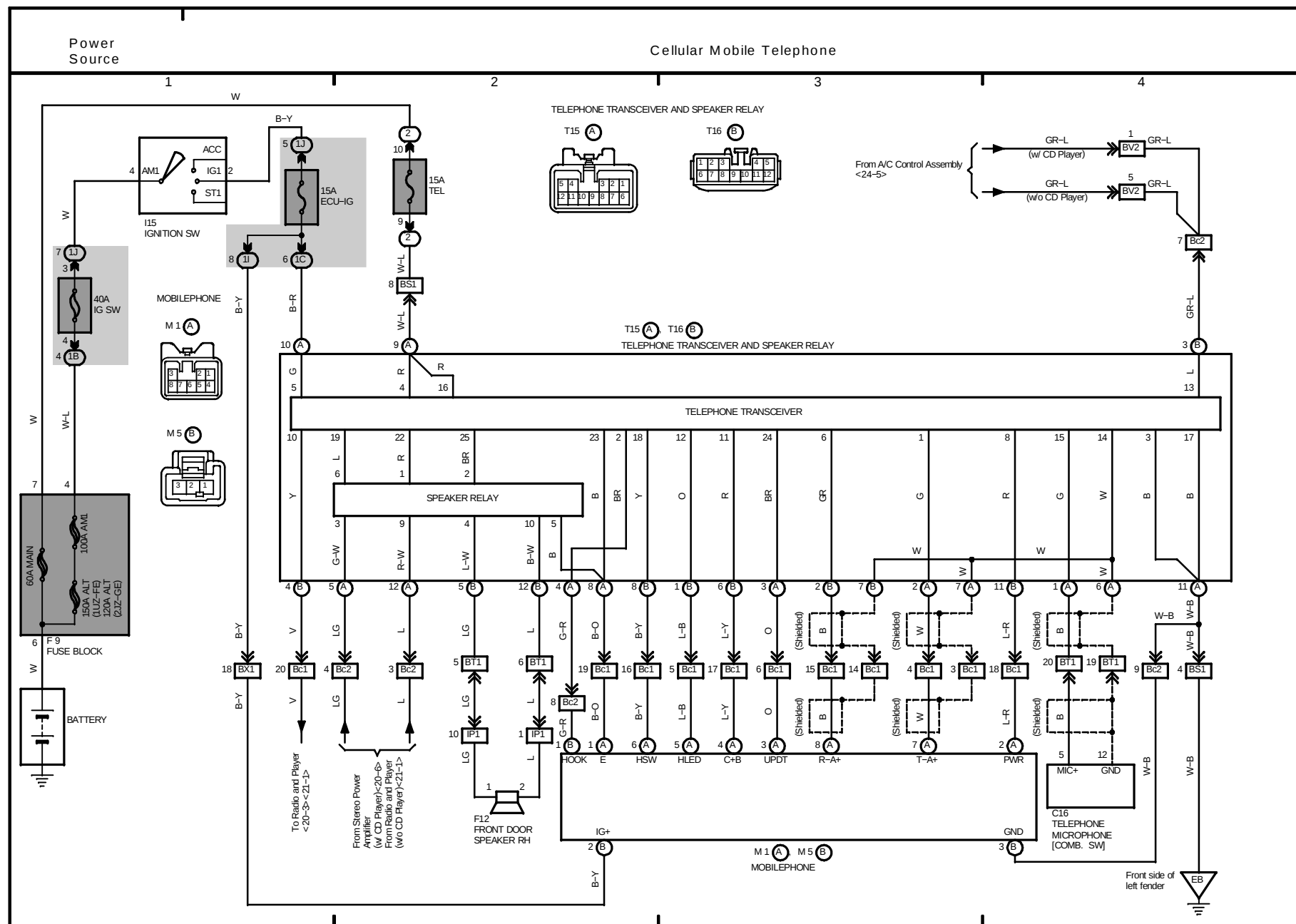




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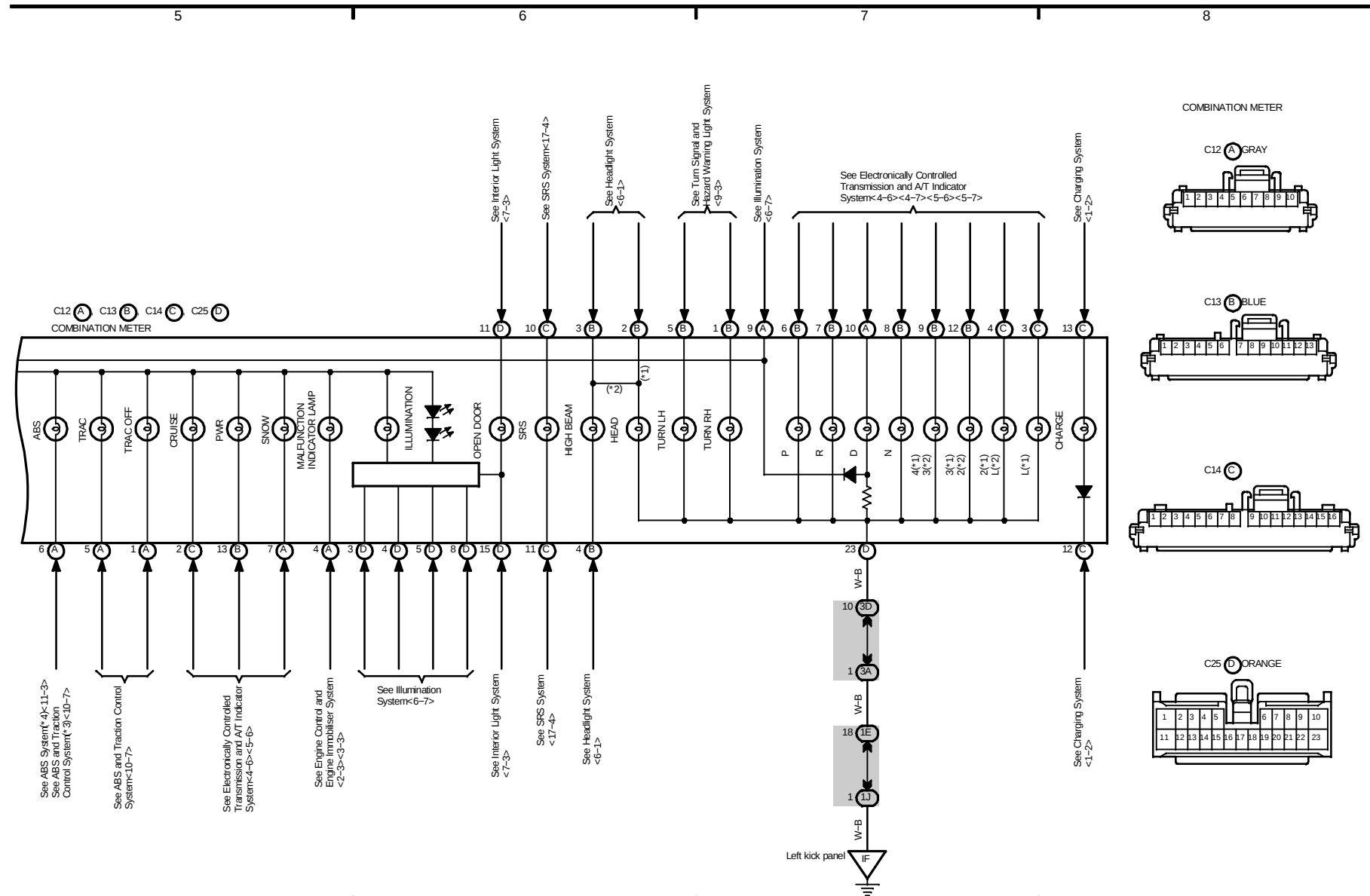


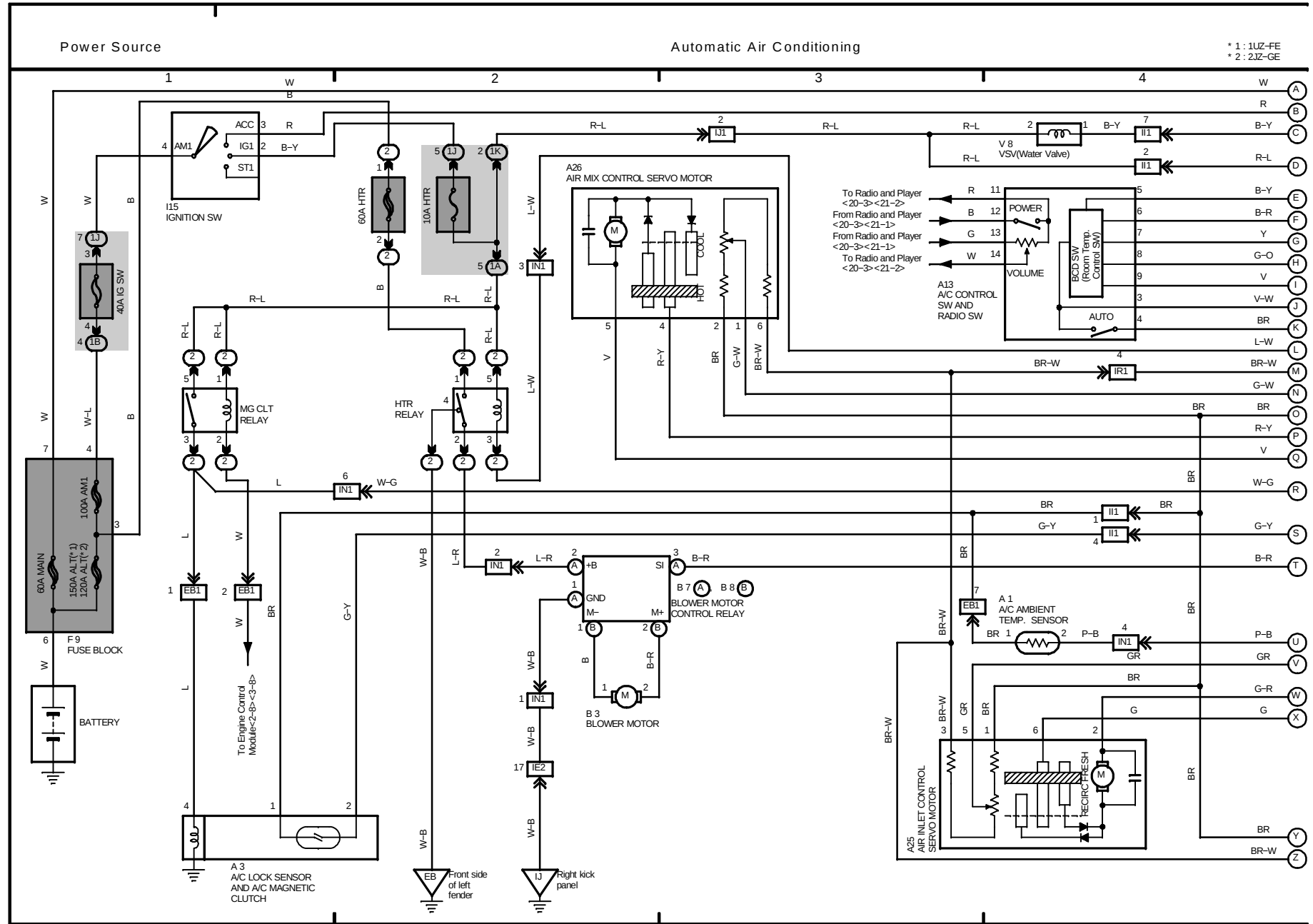


[illegible]

Combination Meter

- * 1 : 1UZ-FE
- * 2 : 2JZ-GE
- * 3 : w/ Traction Control
- * 4 : w/o Traction Control





Automatic Air Conditioning

* 1: 1UJ-FE
* 2: 2UJ-GE

