

FOREWORD

This wiring diagram manual has been prepared to provide information on the electrical system of the 1995 CELICA.

Applicable models: AT200 Series
 ST204 Series

For service specifications and repair procedures of the above models other than those listed in this manual, refer to the following manuals:

Manual Name	Pub. No.
1995 CELICA Repair Manual Volume 1 Volume 2 1995 Model New Car Features	 RM411U1 RM411U2 NCF109U

All information in this manual is based on the latest product information at the time of publication. However, specifications and procedures are subject to change without notice.

TOYOTA MOTOR CORPORATION

NOTICE

When handling supplemental restraint system components (removal, installation or inspection, etc.), always follow the direction given in the repair manuals listed above to prevent accidents and supplemental restraint system malfunction.

INTRODUCTION

This manual consists of the following 11 sections:

No.	Section	Description
A	INDEX	Index of the contents of this manual.
	INTRODUCTION	Brief explanation of each section.
B	HOW TO USE THIS MANUAL	Instructions on how to use this manual.
C	TROUBLE-SHOOTING	Describes the basic inspection procedures for electrical circuits.
D	ABBREVIATIONS	Defines the abbreviations used in this manual.
E	GLOSSARY OF TERMS AND SYMBOLS	Defines the symbols and functions of major parts.
F	RELAY LOCATIONS	Shows position of the Electronic Control Unit, Relays, Relay Block, etc. This section is closely related to the system circuit.
G	ELECTRICAL WIRING ROUTING	Describes position of Parts Connectors, Splice points, Ground points, etc. This section is closely related to the system circuit.
H	POWER SOURCE (Current Flow Chart)	Describes power distribution from the power supply to various electrical loads.
I	INDEX	Index of the system circuits.
	SYSTEM CIRCUITS	Electrical circuits of each system are shown from the power supply through ground points. Wiring connections and their positions are shown and classified by code according to the connection method. (Refer to the section, "How to use this manual"). The "System Outline" and "Service Hints" useful for troubleshooting are also contained in this section.
J	GROUND POINTS	Shows ground positions of all parts described in this manual.
K	OVERALL WIRING DIAGRAM	Provides circuit diagrams showing the circuit connections.

This manual provides information on the electrical circuits installed on vehicles by dividing them into a circuit for each system.

The actual wiring of each system circuit is shown from the point where the power source is received from the battery as far as each ground point. (All circuit diagrams are shown with the switches in the OFF position.)

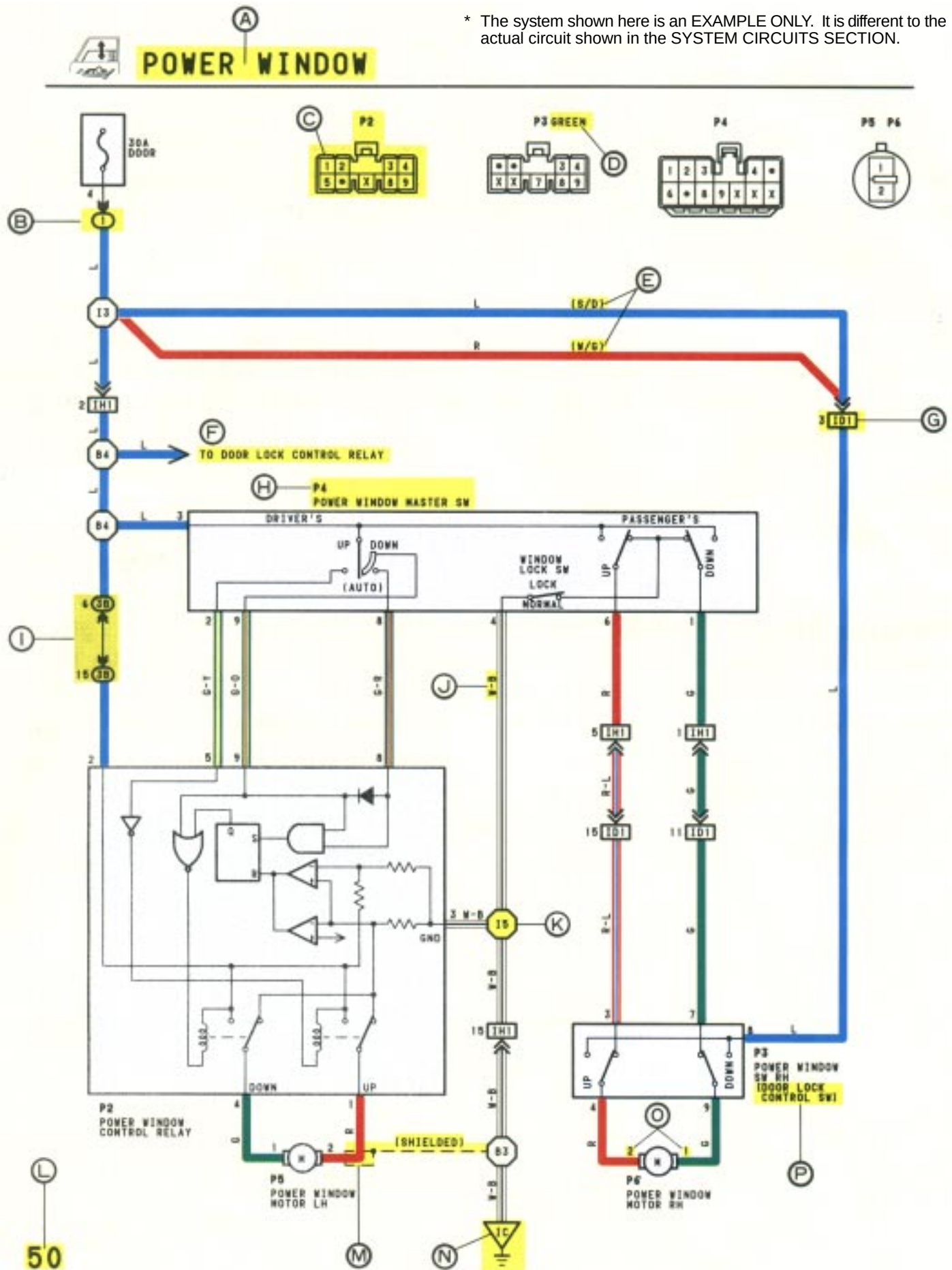
When troubleshooting any problem, first understand the operation of the circuit where the problem was detected (see System Circuit section), the power source supplying power to that circuit (see Power Source section), and the ground points (see Ground Points section). See the System Outline to understand the circuit operation.

When the circuit operation is understood, begin troubleshooting of the problem circuit to isolate the cause. Use Relay Location and Electrical Wire Routing sections to find each part, junction block and wiring harness connectors, wiring harness and wiring harness connectors, splice points, and ground points of each system circuit. Internal wiring for each junction block is also provided for better understanding of connection within a junction block.

Wiring related to each system is indicated in each system circuit by arrows (from __ , to __). When overall connections are required, see the Overall Wiring Diagram at the end of this manual.

HOW TO USE THIS MANUAL

* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

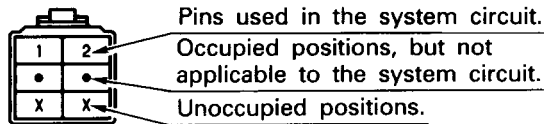


- (A) : System Title
- (B) : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example:  Indicates Relay Block No. 1.

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

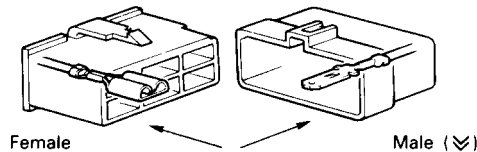
Explanation of pin use.



The pins shown are only for the highest grade, or only include those in the specification.

- (D) : Connector Color
Connectors not indicated are milky white in color.
- (E) : () is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.
- (F) : Indicates related system.
- (G) : Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (↗).

Outside numerals are pin numbers.

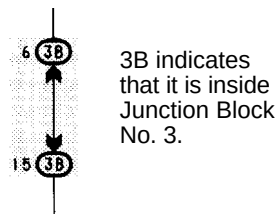


The first letter of the code for each wiring harness and wiring harness connector(s) indicates the component's location, e.g., "E" for the Engine Compartment, "I" for the Instrument Panel and Surrounding area, and "B" for the Body and Surrounding area.

When more than one code has the first and second letters in common, followed by numbers (e.g., IH1, IH2), this indicates the same type of wiring harness and wiring harness connector.

- (H) : Represents a part (all parts are shown in sky blue). The code is the same as the code used in parts position.
- (I) : 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 (different junction blocks are shaded differently for further clarification).

Example:

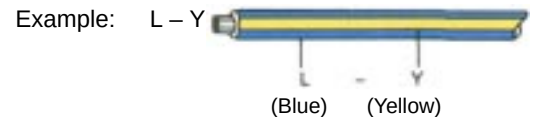


- (J) : Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

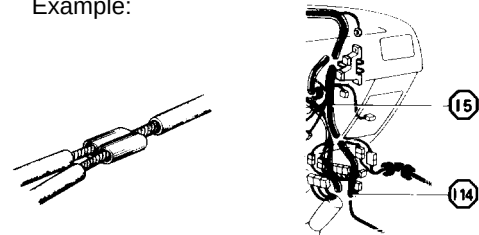
B = Black L = Blue R = Red
BR = Brown LG = Light Green V = Violet
G = Green O = Orange W = White
GR = Gray P = Pink Y = Yellow

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



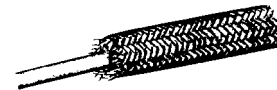
- (K) : Indicates a wiring Splice Point (Codes are "E" for the Engine Room, "I" for the Instrument Panel, and "B" for the Body).

Example:



The Location of Splice Point I 5 is indicated by the shaded section.

- (L) : Page No.
- (M) : Indicates a shielded cable.

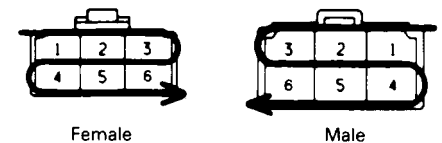


- (N) : Indicates a ground point.
The first letter of the code for each ground point(s) indicates the component's location, e.g., "E" for the Engine Compartment, "I" for the Instrument Panel and Surrounding area, and "B" for the Body and Surrounding area.

- (O) : 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 Numbered in order from upper right to lower left



- (P) : When 2 parts both use one connector in common, the parts connector name used in the wire routing section is shown in square brackets [].

HOW TO USE THIS MANUAL



SYSTEM OUTLINE

WITH THE IGNITION SW TURNED ON, THE CURRENT FLOWS TO TERMINAL 3 OF THE POWER WINDOW MASTER SW, TERMINAL 2 OF THE POWER WINDOW CONTROL RELAY AND TERMINAL 8 OF THE POWER WINDOW SW THROUGH THE DOOR FUSE.

1. DRIVER'S WINDOW "MANUAL UP" OPERATION BY MASTER SW

HOLDING MANUAL SW (DRIVER'S) ON "UP" POSITION LOCATED IN POWER WINDOW MASTER SW, THE CURRENT FLOWS TO TERMINAL 5 OF THE POWER WINDOW CONTROL RELAY THROUGH TERMINAL 3 OF THE MASTER SW → TERMINAL 2 TO OPERATE A POWER WINDOW CONTROL RELAY. THUS THE CURRENT INSIDE THE RELAY FLOWS FROM TERMINAL 2 OF THE RELAY → TERMINAL 1 → TERMINAL 2 OF THE POWER WINDOW MOTOR → TERMINAL 1 → TERMINAL 4 OF THE RELAY → TERMINAL 3 → TO GROUND. THE MOTOR TURNS TO ASCENT THE WINDOW. RELEASING THIS SW, THE ROTATION OF MOTOR IS STOPPED AND THE WINDOWS CAN STOP AT WILL POINT.

(FOR THE "MANUAL DOWN" OPERATION, CURRENT FLOWS IN THE REVERSE DIRECTION BECAUSE THE TERMINALS WHERE IT FLOWS ARE CHANGED).

2. DRIVER'S WINDOW "AUTO DOWN" OPERATION BY MASTER SW

ONCE THE "AUTO DOWN" BUTTON OF THE MASTER SW IS PUSHED, THE CURRENT FLOWS TERMINAL 9 OF THE POWER WINDOW CONTROL RELAY THROUGH TERMINAL 3 OF THE MASTER SW → TERMINALS 8 AND 9 TO OPERATE THE RELAY. THUS THE CURRENT INSIDE THE POWER WINDOW CONTROL RELAY FLOWS FROM TERMINAL 2 OF THE RELAY → TERMINAL 4 → TERMINAL 1 OF THE POWER WINDOW MOTOR → TERMINAL 2 → TERMINAL 1 OF THE RELAY → TERMINAL 3 → TO GROUND. THE MOTOR CONTINUES THE ROTATION ENABLING TO DESCENT THE WINDOW.

THE WINDOW DESCENDS TO THE END POSITION. THE CURRENT WILL BE CUT OFF TO RELEASE THE AUTO DOWN FUNCTION BASED ON THE INCREASING CURRENT BETWEEN TERMINAL 2 OF THE RELAY AND TERMINAL 1 IN RELAY.

3. DRIVER'S WINDOW AUTO DOWN RELEASE OPERATION BY MASTER SW

HOLDING THE MANUAL SW (DRIVER'S) ON "UP" POSITION IN OPERATING AUTO DOWN. THE CURRENT FROM TERMINAL 3 OF THE MASTER SW PASSING TERMINAL 2 FLOWS TERMINAL 5 OF THE RELAY AND RELEASES THE AUTO DOWN FUNCTION IN THE POWER WINDOW CONTROL RELAY. RELEASING THE HAND FROM SW, WINDOW STOPS AND CONTINUING ON TOUCHING SW, THE FUNCTION SWITCHES TO MANUAL UP OPERATION.

4. PASSENGER'S WINDOW UP OPERATION (MASTER SW) AND WINDOW LOCK SW OPERATION

HOLDING PASSENGER'S WINDOW SW (MASTER SW) ON "UP", THE CURRENT FLOWS FROM TERMINAL 3 OF THE MASTER SW PASSING TERMINAL 6 TO TERMINAL 3 OF THE POWER WINDOW SW (PASSENGER'S) → TERMINAL 4 → TERMINAL 2 OF THE MOTOR → TERMINAL 1 → TERMINAL 9 OF THE POWER WINDOW SW → TERMINAL 7 → TERMINAL 1 OF THE MASTER SW → TERMINAL 4 TO GROUND. THE MOTOR RUNS TO ASCENT THE WINDOW. RELEASING THIS SW, THE ROTATION OF MOTOR IS STOPPED AND WINDOW CAN STOP AT WILL PLACE.

SWITCHING THE WINDOW LOCK SW IN "LOCK" POSITION, THE CIRCUIT IS OPENED AND STOPPED THE MOTOR ROTATION.

(FOR THE DOWN OPERATION, CURRENT FLOWS IN THE REVERSE DIRECTION BECAUSE THE TERMINALS WHERE IT FLOWS ARE CHANGED).



SERVICE HINTS

P2 POWER WINDOW CONTROL RELAY

3-GROUND: ALWAYS CONTINUITY

2-GROUND: APPROX. 12 VOLTS WITH IGNITION SW AT ON POSITION

5-GROUND: APPROX. 12 VOLTS WITH IGNITION SW AT ON POSITION AND MASTER SW AT UP POSITION

8-GROUND: APPROX. 12 VOLTS WITH IGNITION SW AT ON POSITION AND MASTER SW AT AUTO DOWN POSITION

9-GROUND: APPROX. 12 VOLTS WITH IGNITION SW AT ON POSITION AND MASTER SW AT DOWN OR AUTO DOWN POSITION

P4 POWER WINDOW MASTER SW

4-GROUND: ALWAYS CONTINUITY

3-GROUND: APPROX. 12 VOLTS WITH IGNITION SW AT ON POSITION

WINDOW LOCK SW

OPEN WITH WINDOW LOCK SW AT LOCK POSITION



: PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
P2	21	P4	21	P6	21
P3	21	P5	21		



: RELAY BLOCKS

CODE	SEE PAGE	RELAY BLOCK (RELAY BLOCK LOCATION)
1	16	R/B NO. 1 (INSTRUMENT PANEL LEFT SIDE)



: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

CODE	SEE PAGE	JUNCTION BLOCK AND WIRE HARNESS (CONNECTOR LOCATION)
3B	14	J/B NO. 3 AND COWL WIRE (INSTRUMENT PANEL LEFT SIDE)



: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

CODE	SEE PAGE	JOINING WIRE HARNESS AND WIRE HARNESS (CONNECTOR LOCATION)
ID1	26	FRONT DOOR RH WIRE AND COWL WIRE (RIGHT KICK PANEL)
IH1	26	FRONT DOOR LH WIRE AND COWL WIRE (LEFT KICK PANEL)



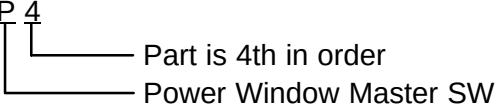
: GROUND POINTS

CODE	SEE PAGE	GROUND POINT LOCATION
IC	24	COWL LEFT

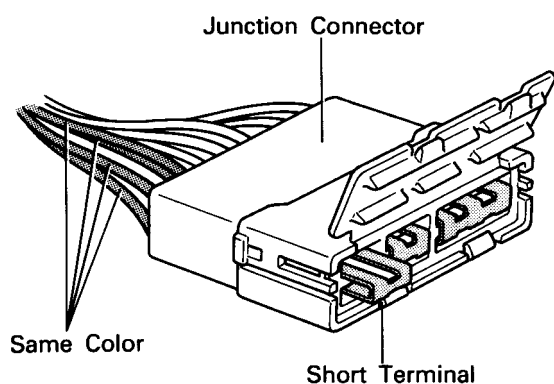


: SPLICE POINTS

CODE	SEE PAGE	WIRE HARNESSES WITH SPLICE POINTS
I5	24	COWL WIRE

- Ⓚ : Explains the system outline.
- Ⓡ : Indicates values or explains the function for reference during troubleshooting.
- Ⓢ : Indicates the reference page showing the position on the vehicle of the parts in the system circuit.
 Example: Part "P4" (Power Window Master SW) is on page 21 of the manual.
 * The letter in the code is from the first letter of the part, and the number indicates its order in parts starting with that letter.
 Example: P 4

- Ⓣ : Indicates the reference page showing the position on the vehicle of Relay Block Connectors in the system circuit.
 Example: Connector "1" is described on page 16 of this manual and is installed on the left side of the instrument panel.
- Ⓤ : Indicates the reference page showing the position on the vehicle of J/B and Wire Harness in the system circuit.
 Example: Connector "3B" connects the Cowl Wire and J/B No. 3. It is described on page 14 of this manual, and is installed on the instrument panel left side.
- Ⓥ : Indicates the reference page describing the wiring harness and wiring harness connector (the female wiring harness is shown first, followed by the male wiring harness).
 Example: Connector "ID1" connects the front door RH wire (female) and cowl wire (male). It is described on page 26 of this manual, and is installed on the right side kick panel.
- Ⓦ : Indicates the reference page showing the position of the ground points on the vehicle.
 Example: Ground point "IC" is described on page 24 of this manual and is installed on the cowl left side.
- ⓧ : Indicates the reference page showing the position of the splice points on the vehicle.
 Example: Splice point "I 5" is on the Cowl Wire Harness and is described on page 24 of this manual.

HINT:



Junction connector (code: J1, J2, J3, J4, J5, J6, J7, J8, J9) in this manual include a short terminal which is connected to a number of wire harnesses. Always perform inspection with the short terminal installed. (When installing the wire harnesses, the harnesses can be connected to any position within the short terminal grouping. Accordingly, in other vehicles, the same position in the short terminal may be connected to a wire harness from a different part.)

Wire harness sharing the same short terminal grouping have the same color.

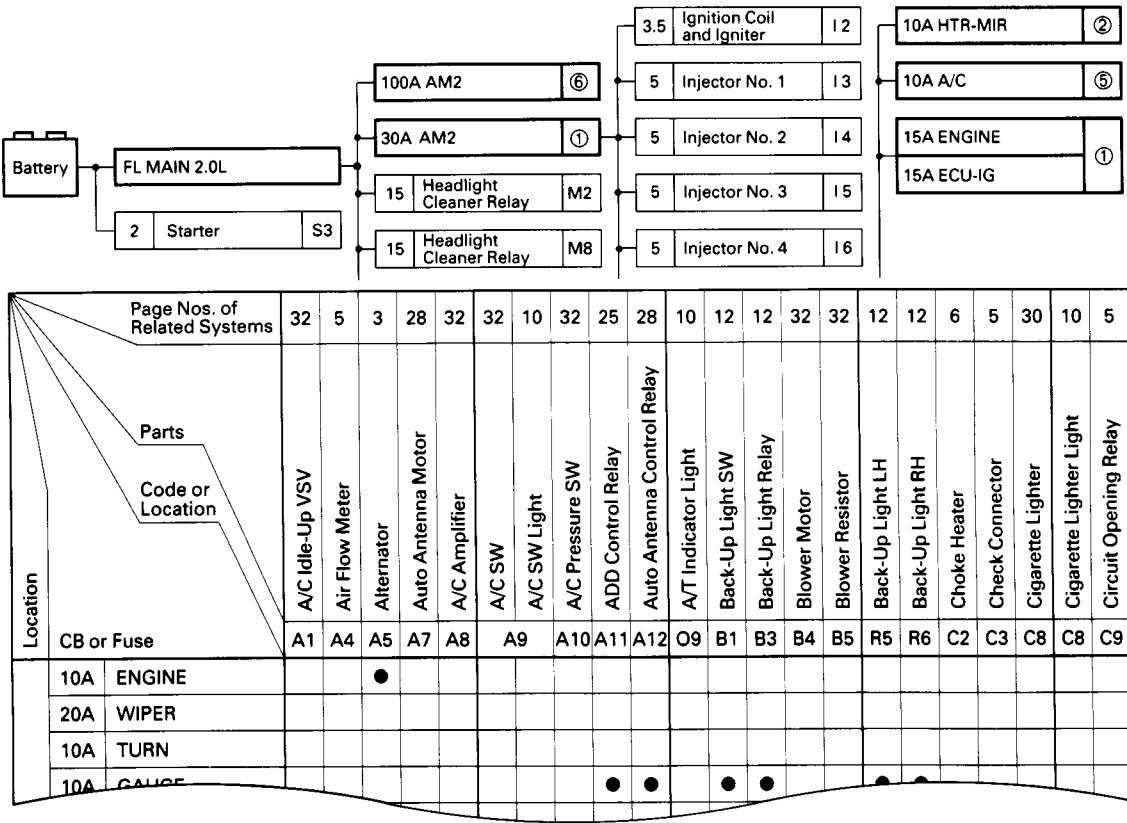
HOW TO USE THIS MANUAL

The “Current Flow Chart” section, describes which parts each power source (fuses, fusible links, and circuit breakers) transmits current to. In the Power Source circuit diagram, the conditions when battery power is supplied to each system are explained. Since all System Circuit diagrams start from the power source, the power source system must be fully understood.

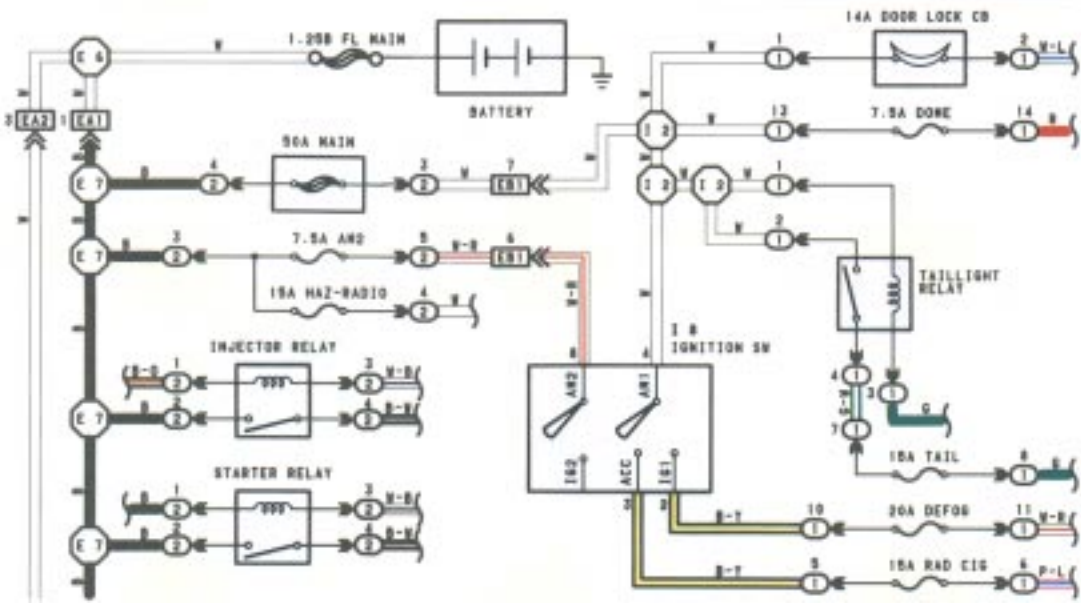
POWER SOURCE (Current Flow Chart)

The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other parts.

The next page and following pages show the parts to which each electrical source outputs current.



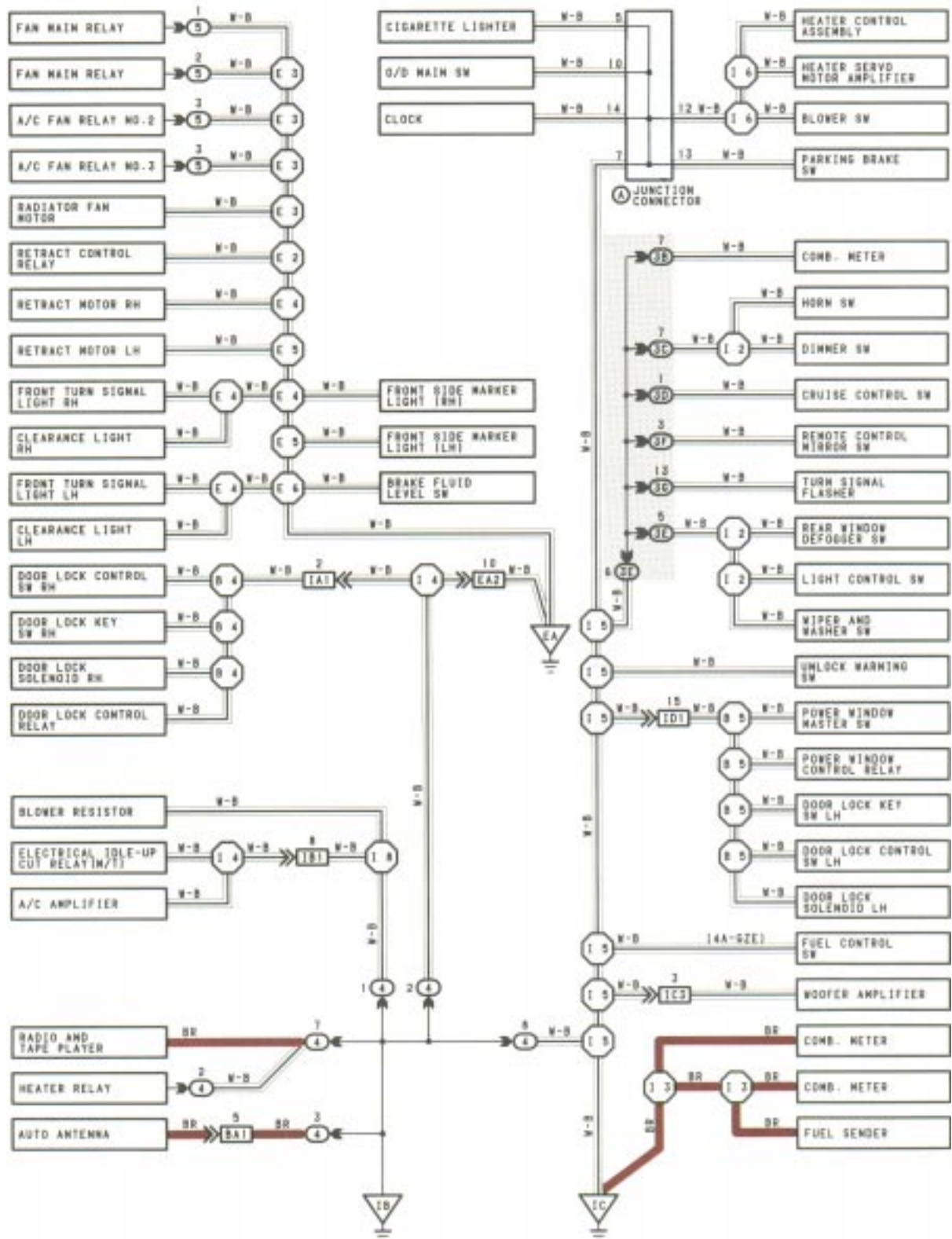
POWER SOURCE



* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

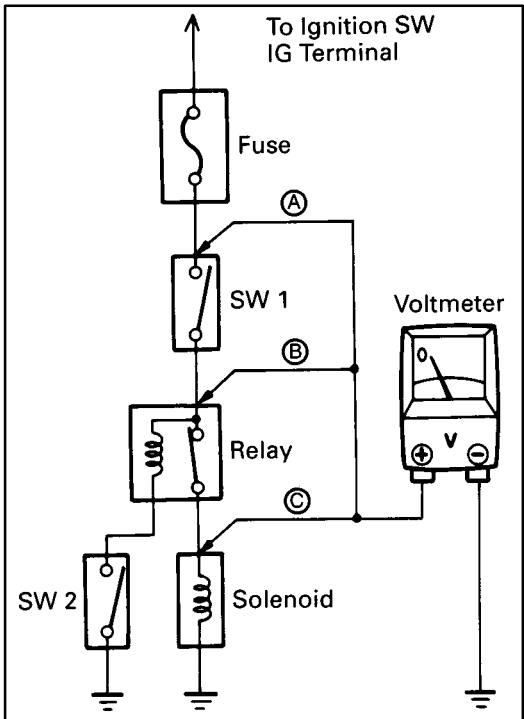
The ground points circuit diagram shows the connections from all major parts to the respective ground points. When troubleshooting a faulty ground point, checking the system circuits which use a common ground may help you identify the problem ground quickly. The relationship between ground points ( ,  , and  shown below) can also be checked this way.

GROUND POINTS



* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

TROUBLESHOOTING

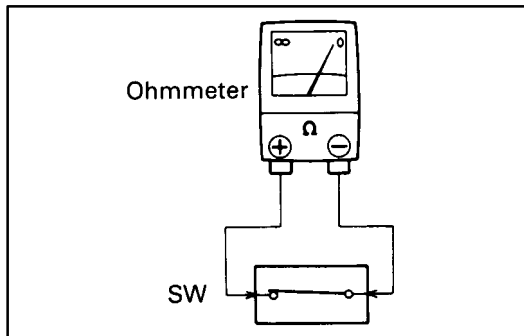


VOLTAGE CHECK

- (a) Establish conditions in which voltage is present at the check point.

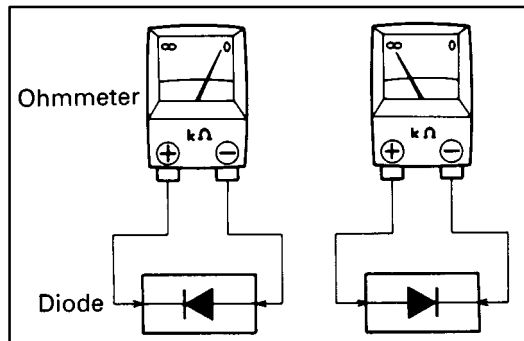
Example:

- Ⓐ – Ignition SW on
 - Ⓑ – Ignition SW and SW 1 on
 - Ⓒ – Ignition SW, SW 1 and Relay on (SW 2 off)
- (b) Using a voltmeter, connect the negative lead to a good ground point or negative battery terminal, and the positive lead to the connector or component terminal. This check can be done with a test light instead of a voltmeter.



CONTINUITY AND RESISTANCE CHECK

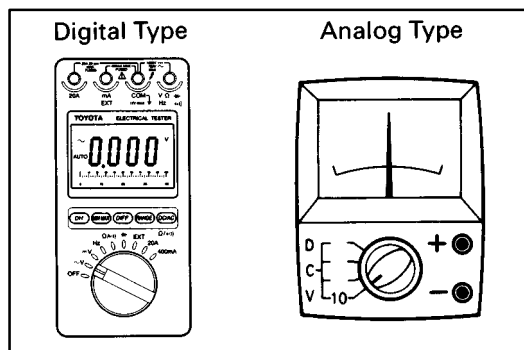
- (a) Disconnect the battery terminal or wire so there is no voltage between the check points.
- (b) Contact the two leads of an ohmmeter to each of the check points.



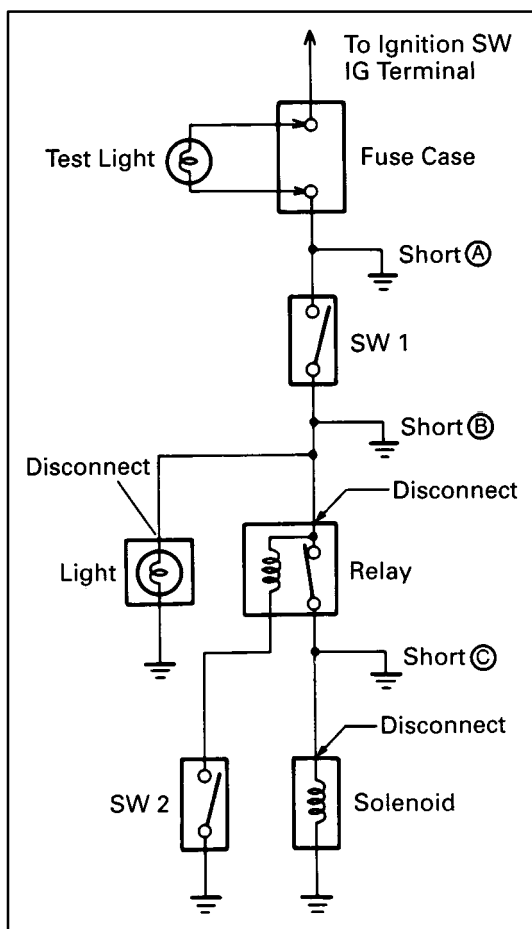
If the circuit has diodes, reverse the two leads and check again.

When contacting the negative lead to the diode positive side and the positive lead to the negative side, there should be continuity.

When contacting the two leads in reverse, there should be no continuity.



- (c) Use a volt/ohmmeter with high impedance (10 k Ω /V minimum) for troubleshooting of the electrical circuit.



FINDING A SHORT CIRCUIT

- Remove the blown fuse and disconnect all loads of the fuse.
- Connect a test light in place of the fuse.
- Establish conditions in which the test light comes on.

Example:

- Ignition SW on
 - Ignition SW and SW 1 on
 - Ignition SW, SW 1 and Relay on (Connect the Relay) and SW 2 off (or Disconnect SW 2)
 - Disconnect and reconnect the connectors while watching the test light.
- The short lies between the connector where the test light stays lit and the connector where the light goes out.
- Find the exact location of the short by lightly shaking the problem wire along the body.

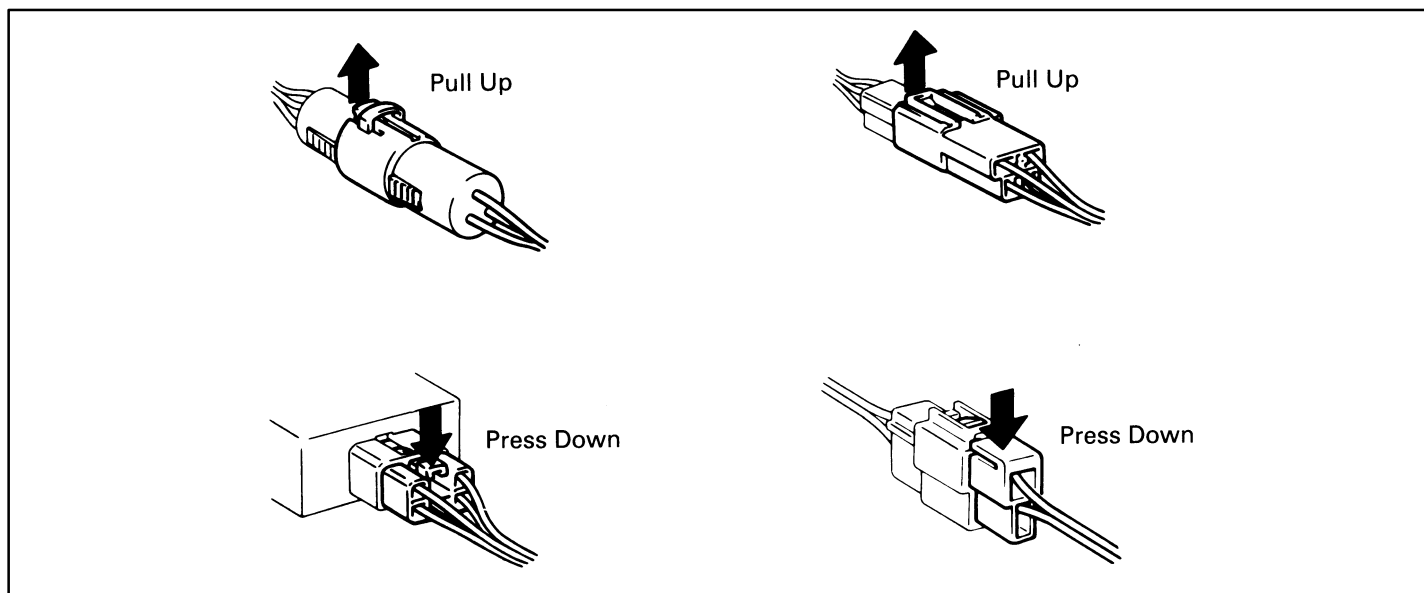
CAUTION:

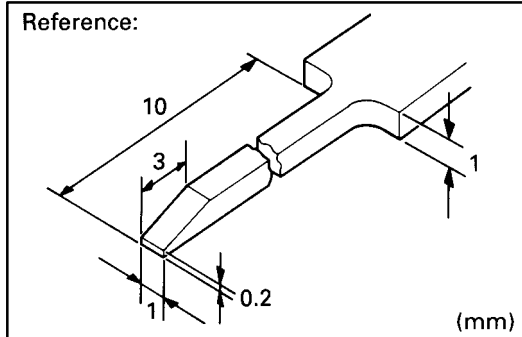
- Do not open the cover or the case of the ECU unless absolutely necessary. (If the IC terminals are touched, the IC may be destroyed by static electricity.)
- When replacing the internal mechanism (ECU part) of the digital meter, be careful that no part of your body or clothing comes in contact with the terminals of leads from the IC, etc. of the replacement part (spare part).

DISCONNECTION OF MALE AND FEMALE CONNECTORS

To pull apart the connectors, pull on the connector itself, not the wire harness.

HINT: Check to see what kind of connector you are disconnecting before pulling apart.





HOW TO REPLACE TERMINAL (with terminal retainer or secondary locking device)

1. PREPARE THE SPECIAL TOOL

HINT: To remove the terminal from the connector, please construct and use the special tool or like object shown on the left.

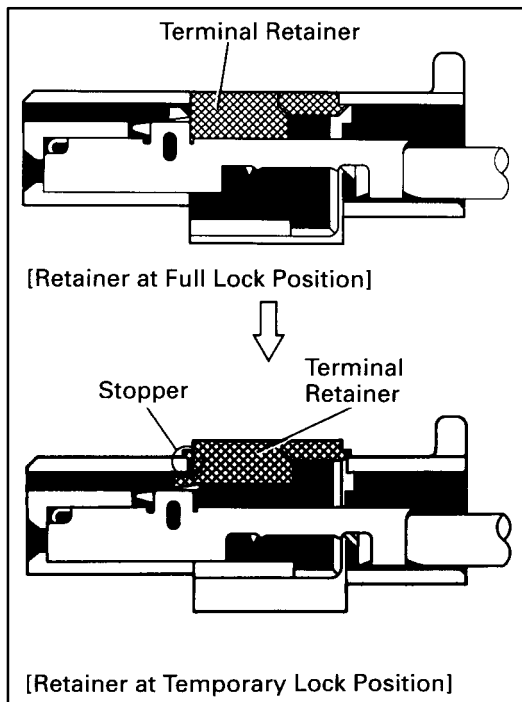
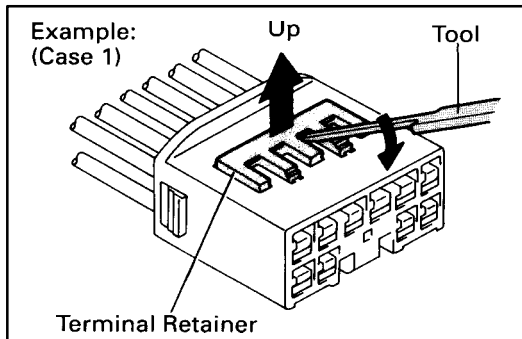
2. DISCONNECT CONNECTOR

3. DISENGAGE THE SECONDARY LOCKING DEVICE OR TERMINAL RETAINER.

- (a) Locking device must be disengaged before the terminal locking clip can be released and the terminal removed from the connector.
- (b) Use a special tool or the terminal pick to unlock the secondary locking device or terminal retainer.

NOTICE:

Do not remove the terminal retainer from connector body.

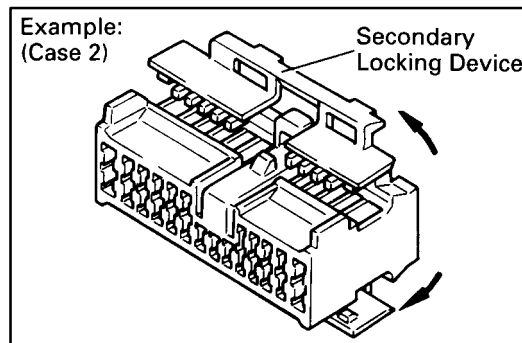


Ⓐ For Non-Waterproof Type Connector

HINT: The needle insertion position varies according to the connector's shape (number of terminals etc.), so check the position before inserting it.

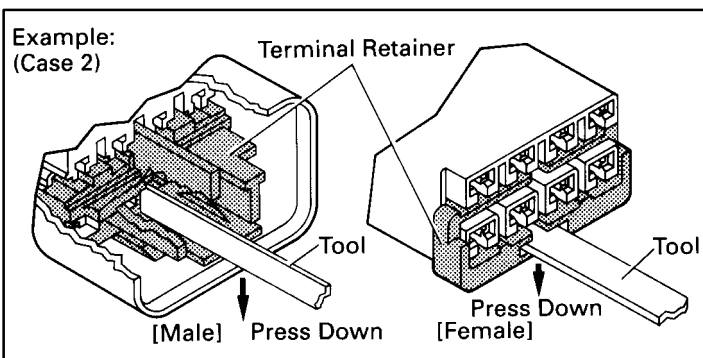
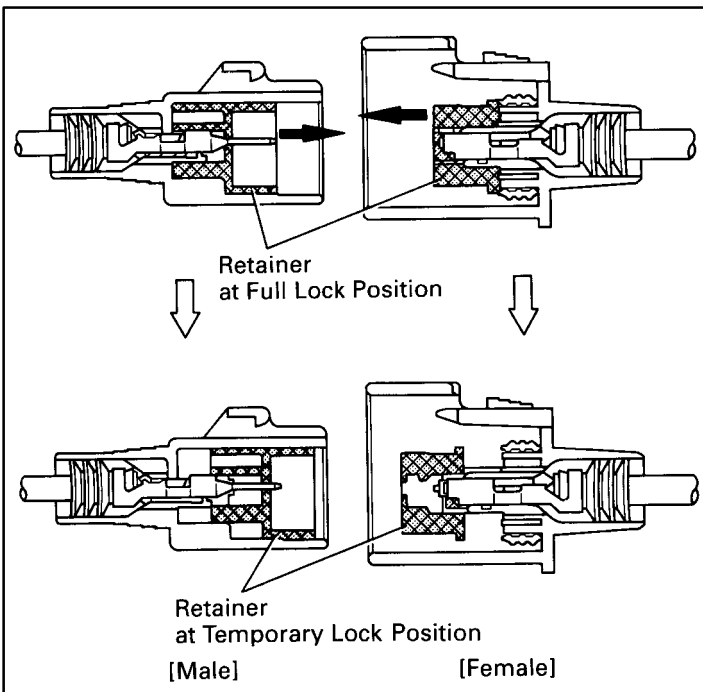
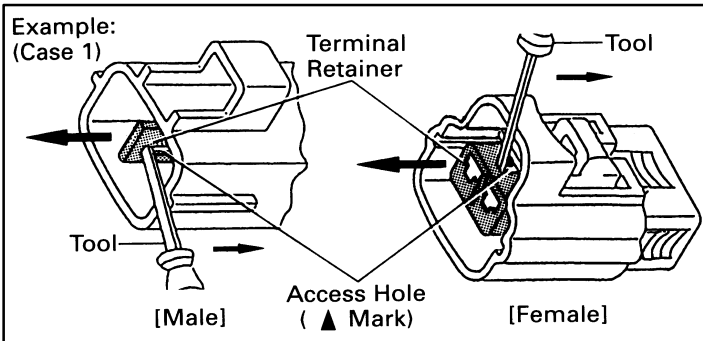
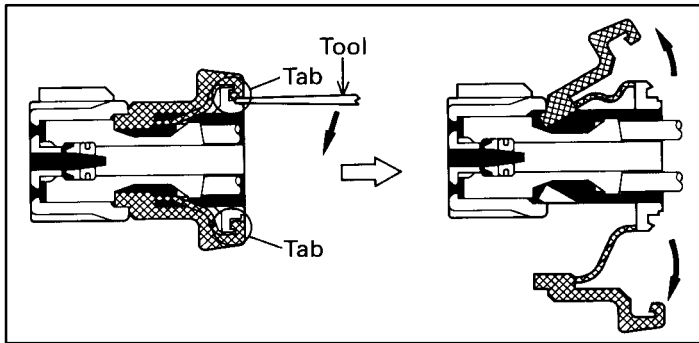
“Case 1”

Raise the terminal retainer up to the temporary lock position.



“Case 2”

Open the secondary locking device.



② For Waterproof Type Connector

HINT: Terminal retainer color is different according to connector body.

Example:

Terminal Retainer: Connector Body

Black or White : Gray

Black or White : Dark Gray

Gray or White : Black

“Case 1”

Type where terminal retainer is pulled up to the temporary lock position (Pull Type).

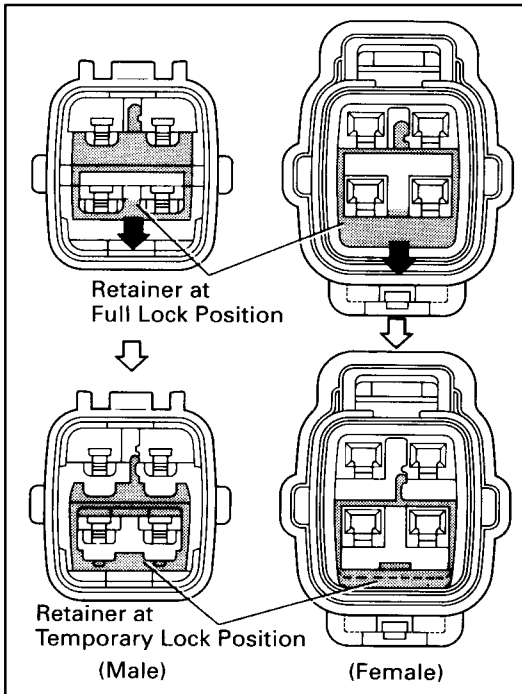
Insert the special tool into the terminal retainer access hole (▲ Mark) and pull the terminal retainer up to the temporary lock position.

HINT: The needle insertion position varies according to the connector's shape (Number of terminals, etc.), so check the position before inserting it.

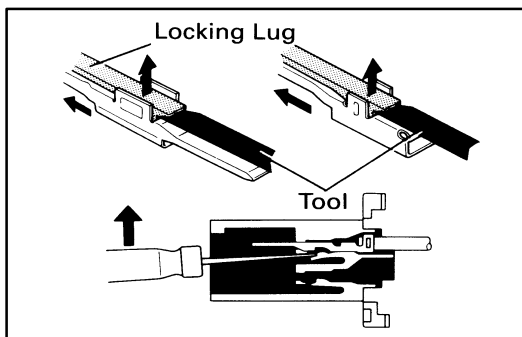
“Case 2”

Type which cannot be pulled as far as Power Lock insert the tool straight into the access hole of terminal retainer as shown.

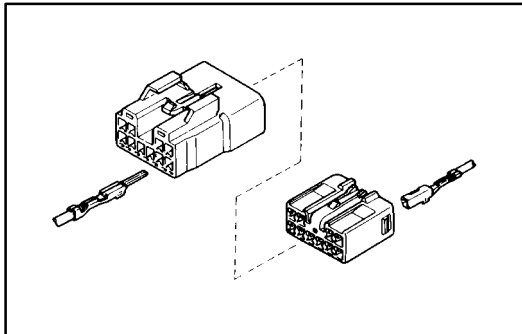
TROUBLESHOOTING



Push the terminal retainer down to the temporary lock position.



(c) Release the locking lug from terminal and pull the terminal out from rear.

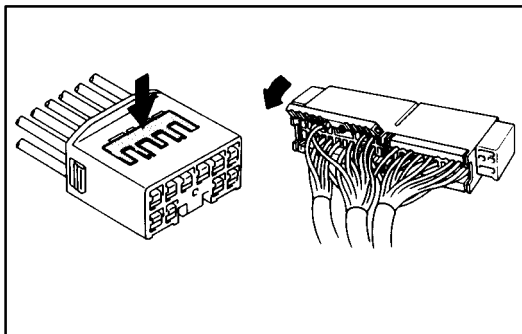


4. INSTALL TERMINAL TO CONNECTOR

(a) Insert the terminal.

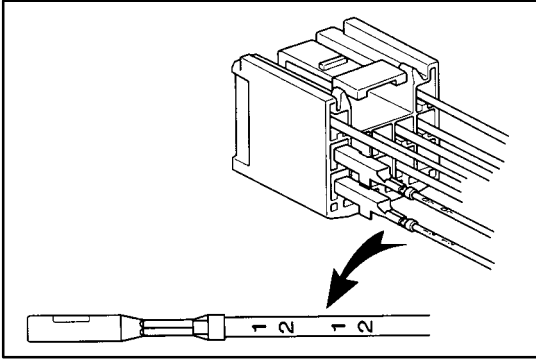
HINT:

1. Make sure the terminal is positioned correctly.
2. Insert the terminal until the locking lug locks firmly.
3. Insert the terminal with terminal retainer in the temporary lock position.



(b) Push the secondary locking device or terminal retainer in to the full lock position.

5. CONNECT CONNECTOR



INSTALL TERMINAL TO CONNECTOR

Install the wire with the color shown in the manual into the indicated pin number of the connector.

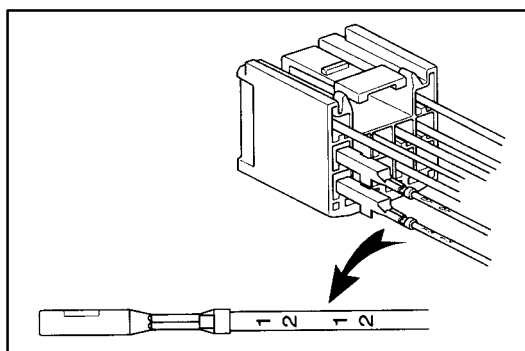
When the wire color is GR or BR, and another wire color is also indicated in brackets, install the GR or BR wire in the pin location indicated by the pin number printed on the wire near the terminal.

ABBREVIATIONS

The following abbreviations are used in this manual.

ABS	= Anti-Lock Brake System
A/C	= Air Conditioning
A/T	= Automatic Transaxle
COMB.	= Combination
C/P	= Coupe Type
ECU	= Electronic Control Unit
EFI	= Electronic Fuel Injection
EGR	= Exhaust Gas Recirculation
FL	= Fusible Link
IC	= Integrated Circuit
I/A	= Integrated Ignition Assembly
ISC	= Idle Speed Control
J/B	= Junction Block
L/B	= Liftback Type
LH	= Left-Hand
M/T	= Manual Transaxle
O/D	= Overdrive
R/B	= Relay Block
RH	= Right-Hand
SRS	= Supplemental Restraint System
SW	= Switch
TEMP.	= Temperature
VSV	= Vacuum Switching Valve
W/	= With
W/O	= Without

* The titles given inside the components are the names of the terminals (terminal code) and are not treated as being abbreviations.



INSTALL TERMINAL TO CONNECTOR

Install the wire with the color shown in the manual into the indicated pin number of the connector.

When the wire color is GR or BR, and another wire color is also indicated in brackets, install the GR or BR wire in the pin location indicated by the pin number printed on the wire near the terminal.

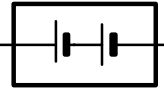
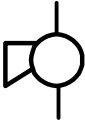
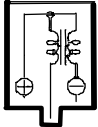
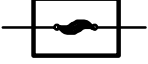
ABBREVIATIONS

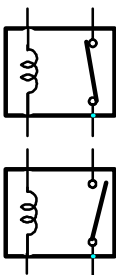
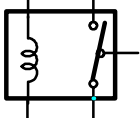
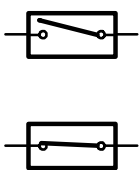
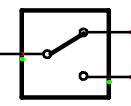
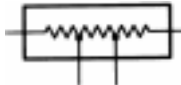
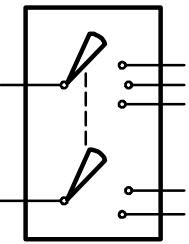
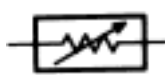
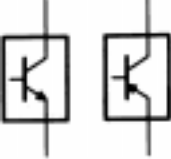
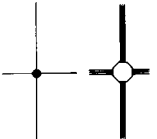
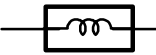
The following abbreviations are used in this manual.

ABS	= Anti-Lock Brake System
A/C	= Air Conditioning
A/T	= Automatic Transaxle
COMB.	= Combination
C/P	= Coupe Type
ECU	= Electronic Control Unit
EFI	= Electronic Fuel Injection
EGR	= Exhaust Gas Recirculation
FL	= Fusible Link
IC	= Integrated Circuit
IIA	= Integrated Ignition Assembly
ISC	= Idle Speed Control
J/B	= Junction Block
L/B	= Liftback Type
LH	= Left-Hand
M/T	= Manual Transaxle
O/D	= Overdrive
R/B	= Relay Block
RH	= Right-Hand
SRS	= Supplemental Restraint System
SW	= Switch
TEMP.	= Temperature
VSV	= Vacuum Switching Valve
W/	= With
W/O	= Without

* The titles given inside the components are the names of the terminals (terminal code) and are not treated as being abbreviations.

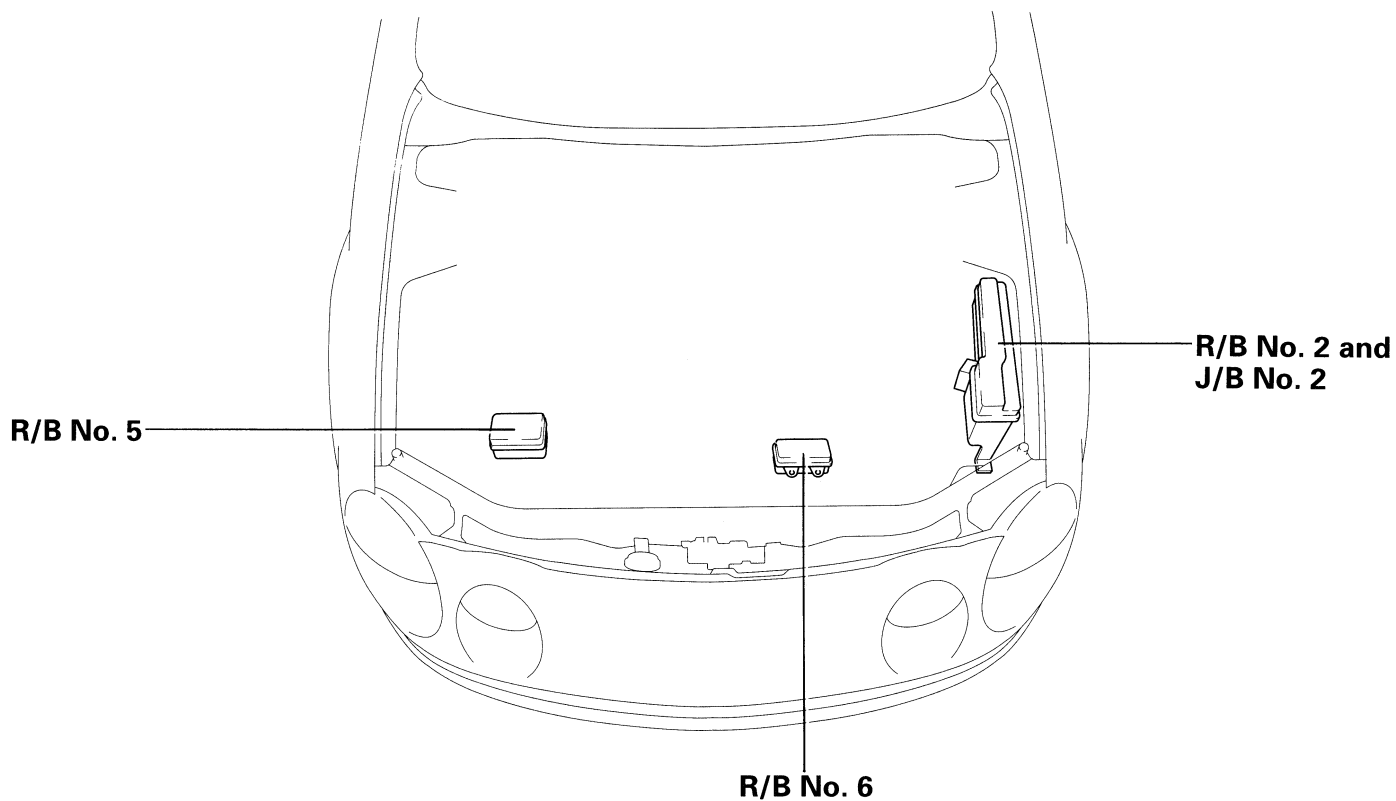
GLOSSARY OF TERMS AND SYMBOLS

 BATTERY Stores chemical energy and converts it into electrical energy. Provides DC current for the auto's various electrical circuits.	HEADLIGHTS Current flow causes a headlight filament to heat up and emit light. A headlight may have either a single (1) filament or a double (2) filament. 1. SINGLE FILAMENT  2. DOUBLE FILAMENT 
 CAPACITOR (Condenser) A small holding unit for temporary storage of electrical voltage.	
 CIGARETTE LIGHTER An electric resistance heating element.	HORN An electric device which sounds a loud audible signal. 
 CIRCUIT BREAKER Basically a reusable fuse, a circuit breaker will heat and open if too much current flows through it. Some units automatically reset when cool, others must be manually reset.	IGNITION COIL Converts low-voltage DC current into high-voltage ignition current for firing the spark plugs. 
 DIODE A semiconductor which allows current flow in only one direction.	
 DIODE, ZENER A diode which allows current flow in one direction but blocks reverse flow only up to a specific voltage. Above that potential, it passes the excess voltage. This acts as a simple voltage regulator.	LIGHT Current flow through a filament causes the filament to heat up and emit light. 
 DISTRIBUTOR, IIA Channels high-voltage current from the ignition coil to the individual spark plugs.	LED (LIGHT EMITTING DIODE) Upon current flow, these diodes emit light without producing the heat of a comparable light. 
 FUSE A thin metal strip which burns through when too much current flows through it, thereby stopping current flow and protecting a circuit from damage.  FUSIBLE LINK A heavy-gauge wire placed in high amperage circuits which burns through on overloads, thereby protecting the circuit. The numbers indicate the cross-section surface area of the wires.  (for Medium Current Fuse) (for High Current Fuse or Fusible Link.)	METER, ANALOG Current flow activates a magnetic coil which causes a needle to move, thereby providing a relative display against a background calibration. 
	METER, DIGITAL Current flow activates one or many LED's, LCD's, or fluorescent displays, which provide a relative or digital display. 
 GROUND The point at which wiring attaches to the Body, thereby providing a return path for an electrical circuit; without a ground, current cannot flow.	MOTOR A power unit which converts electrical energy into mechanical energy, especially rotary motion. 

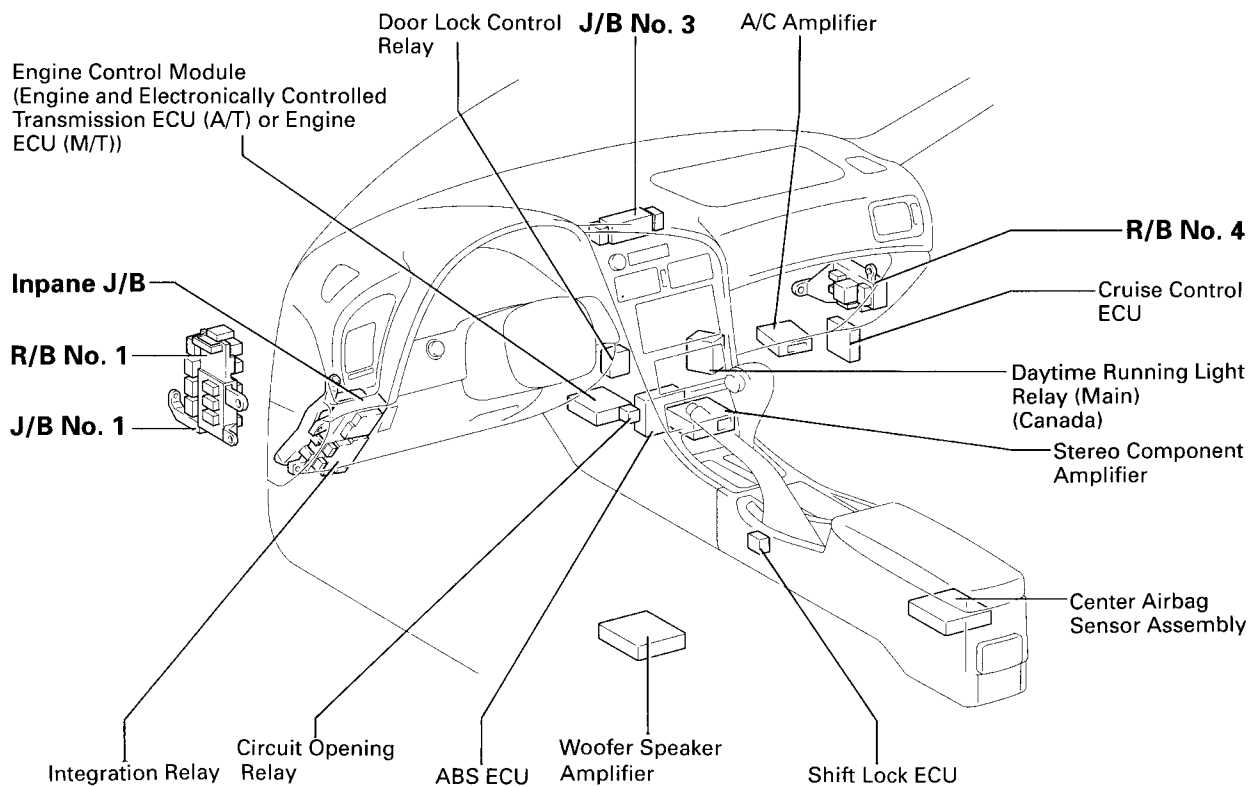
RELAY  1. NORMALLY CLOSED 2. NORMALLY OPEN Basically, an electrically operated switch which may be normally closed (1) or open (2). Current flow through a small coil creates a magnetic field which either opens or closes an attached switch.	SPEAKER  An electromechanical device which creates sound waves from current flow.
RELAY, DOUBLE THROW  A relay which passes current through one set of contacts or the other.	SWITCH, MANUAL  1. NORMALLY OPEN 2. NORMALLY CLOSED Opens and closes circuits, thereby stopping (1) or allowing (2) current flow.
RESISTOR  An electrical component with a fixed resistance, placed in a circuit to reduce voltage to a specific value.	SWITCH, DOUBLE THROW  A switch which continuously passes current through one set of contacts or the other.
RESISTOR, TAPPED  A resistor which supplies two or more different non adjustable resistance values.	SWITCH, IGNITION  A key operated switch with several positions which allows various circuits, particularly the primary ignition circuit, to become operational.
RESISTOR, VARIABLE or RHEOSTAT  A controllable resistor with a variable rate of resistance. Also called a potentiometer or rheostat.	SWITCH, WIPER PARK  Automatically returns wipers to the stop position when the wiper switch is turned off.
SENSOR (Thermistor)  A resistor which varies its resistance with temperature.	TRANSISTOR  A solidstate device typically used as an electronic relay; stops or passes current depending on the voltage applied at "base."
SENSOR, ANALOG SPEED  Uses magnetic impulses to open and close a switch to create a signal for activation of other components.	WIRES (1) NOT CONNECTED  (2) SPliced  Wires are always drawn as straight lines on wiring diagrams. Crossed wires (1) without a black dot at the junction are not joined; crossed wires (2) with a black dot or octagonal (○) mark at the junction are spliced (joined) connections.
SHORT PIN  Used to provide an unbroken connection within a junction block.	
SOLENOID  An electromagnetic coil which forms a magnetic field when current flows, to move a plunger, etc.	

RELAY LOCATIONS

[Engine Compartment]

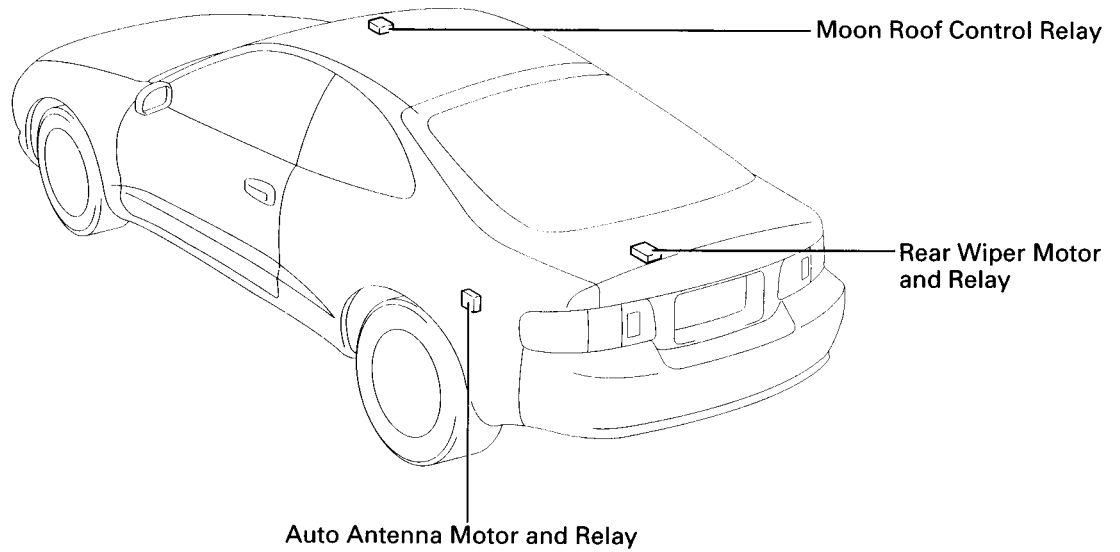


[Instrument Panel]



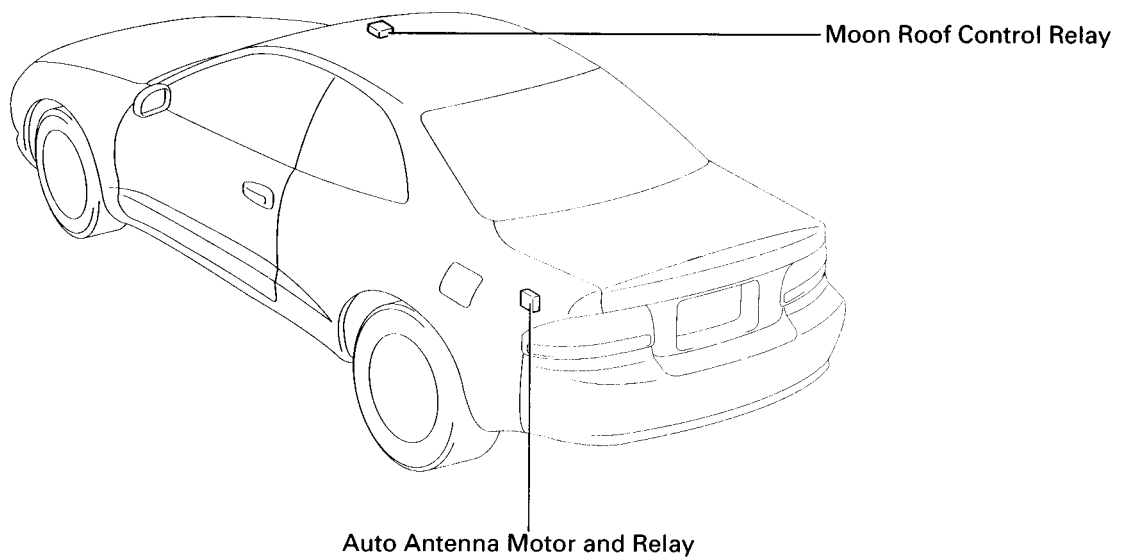
[Body]

[L/B]



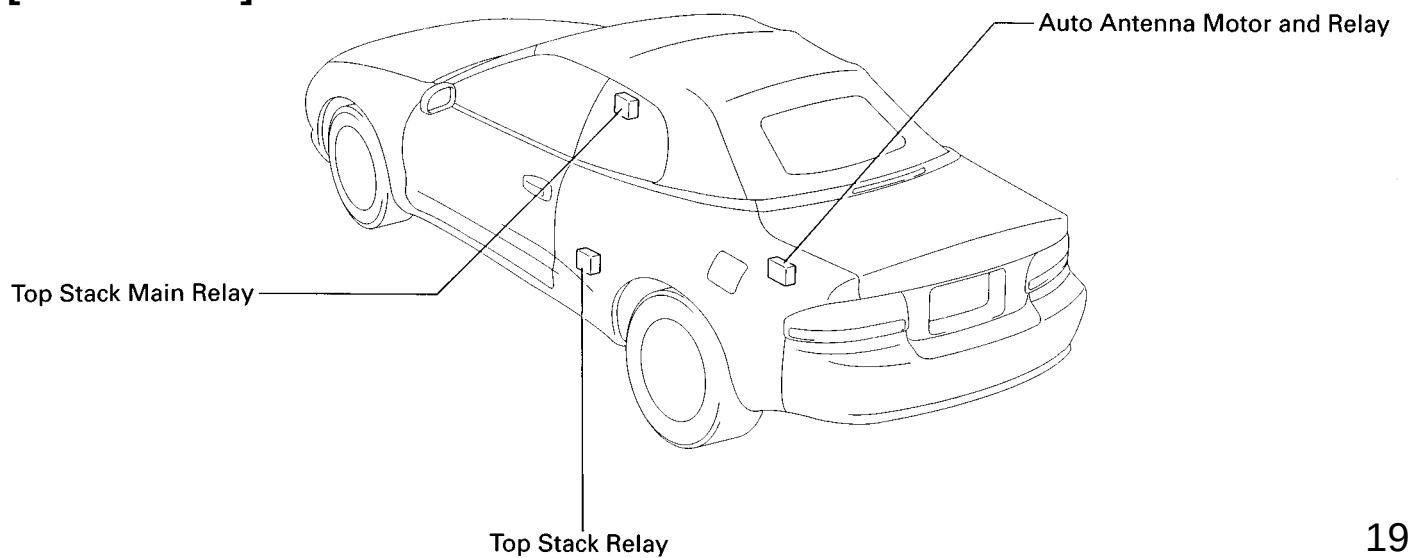
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[C/P]



[Body]

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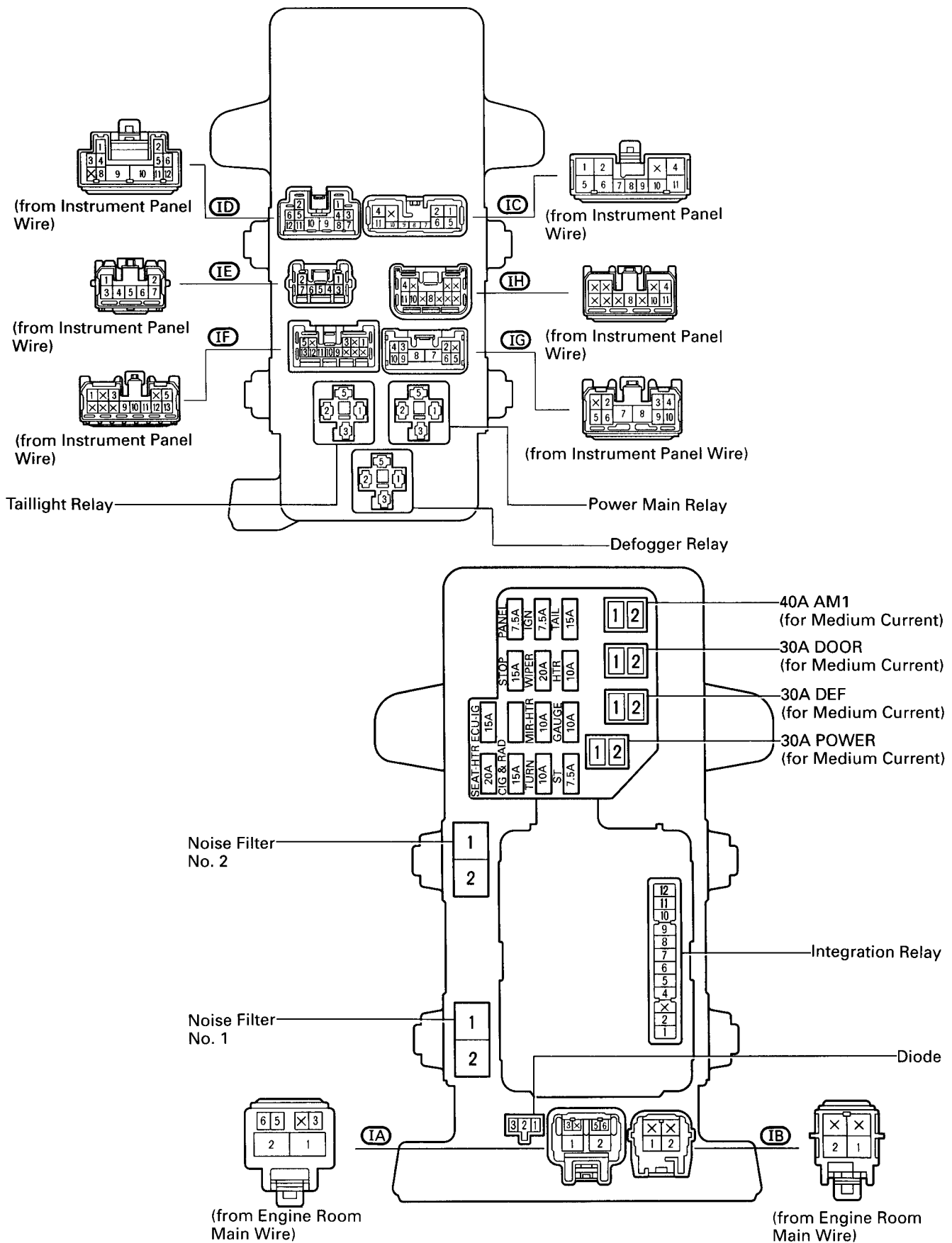


RELAY LOCATIONS

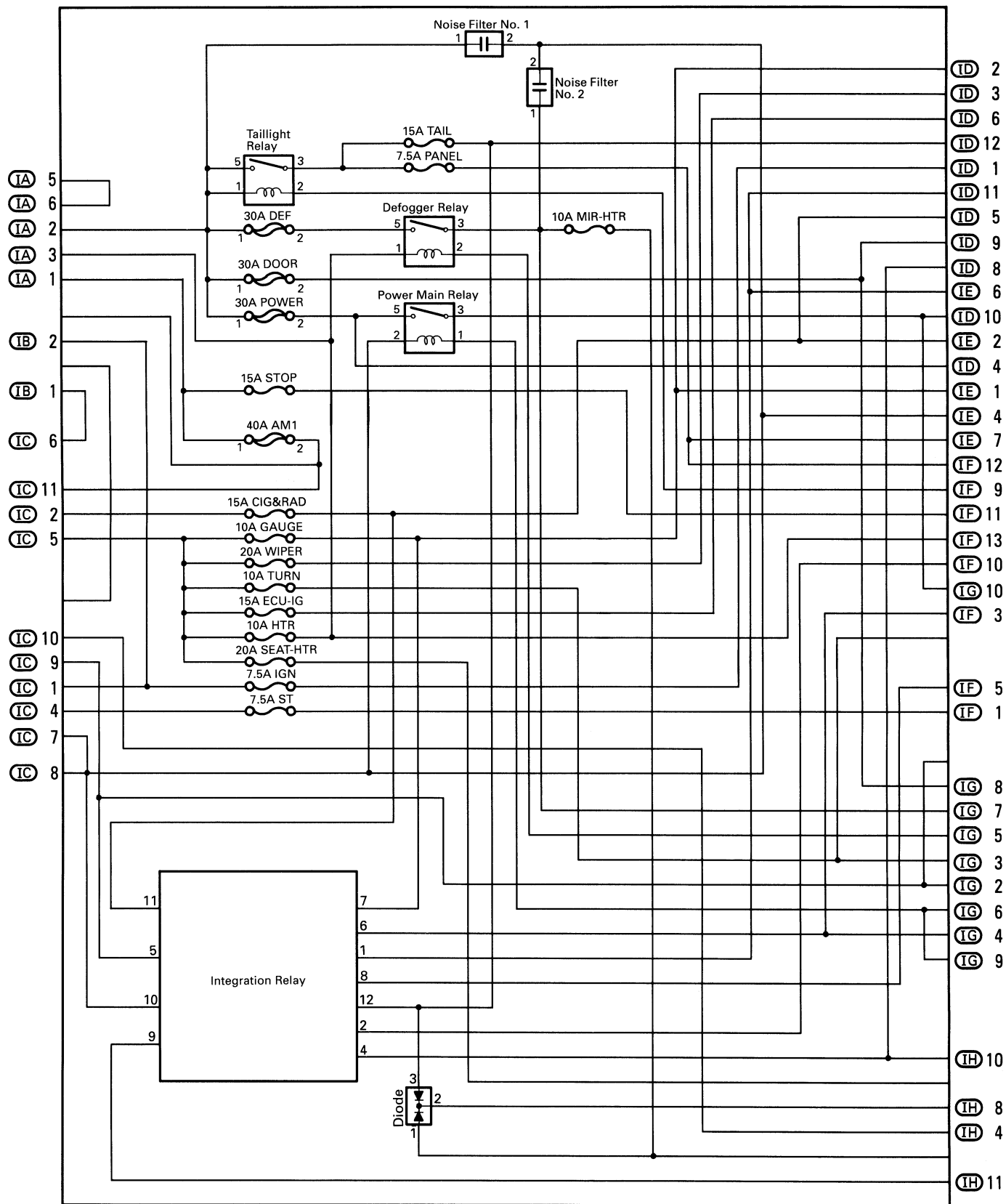
 : Inpane J/B

Left Kick Panel

(See Page 18)



[Inpane J/B Inner Circuit]

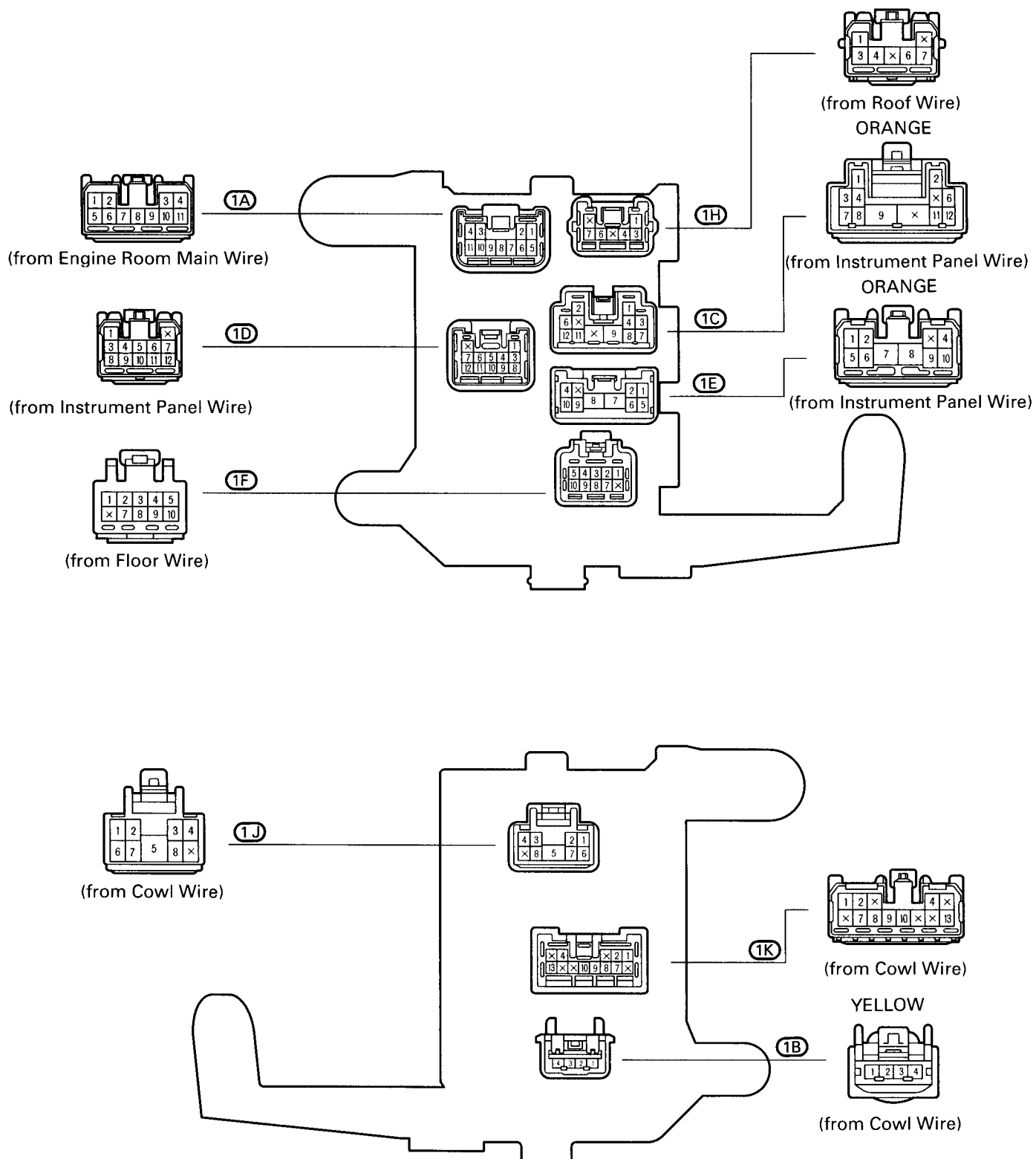


RELAY LOCATIONS

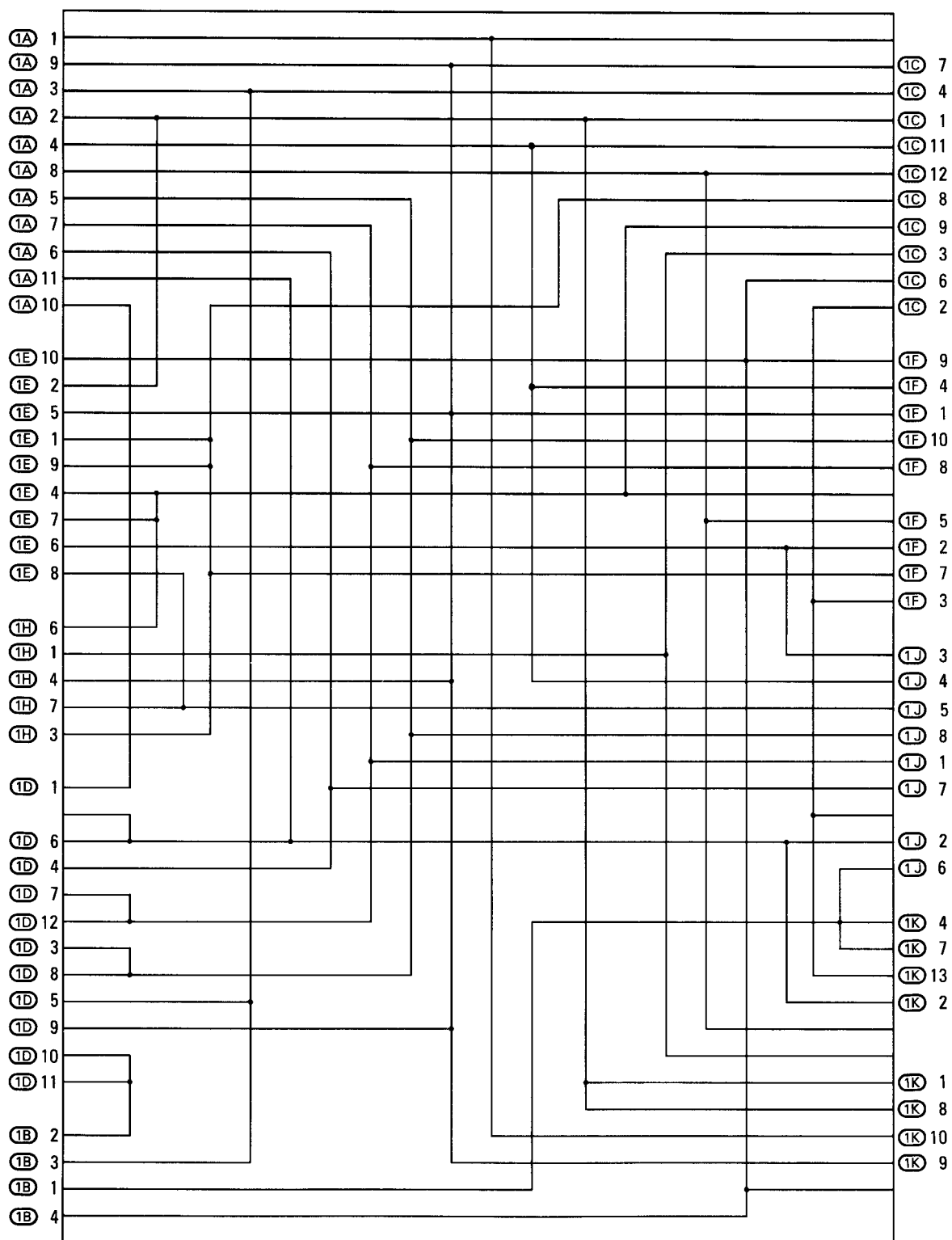
○ : J/B No. 1

Left Kick Panel

(See Page 18)



[J/B No. 1 Inner Circuit]

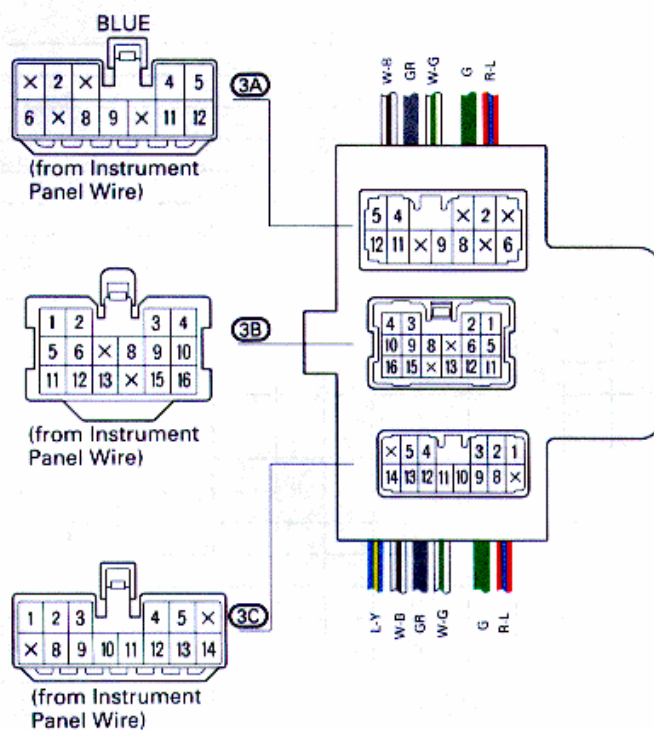


RELAY LOCATIONS

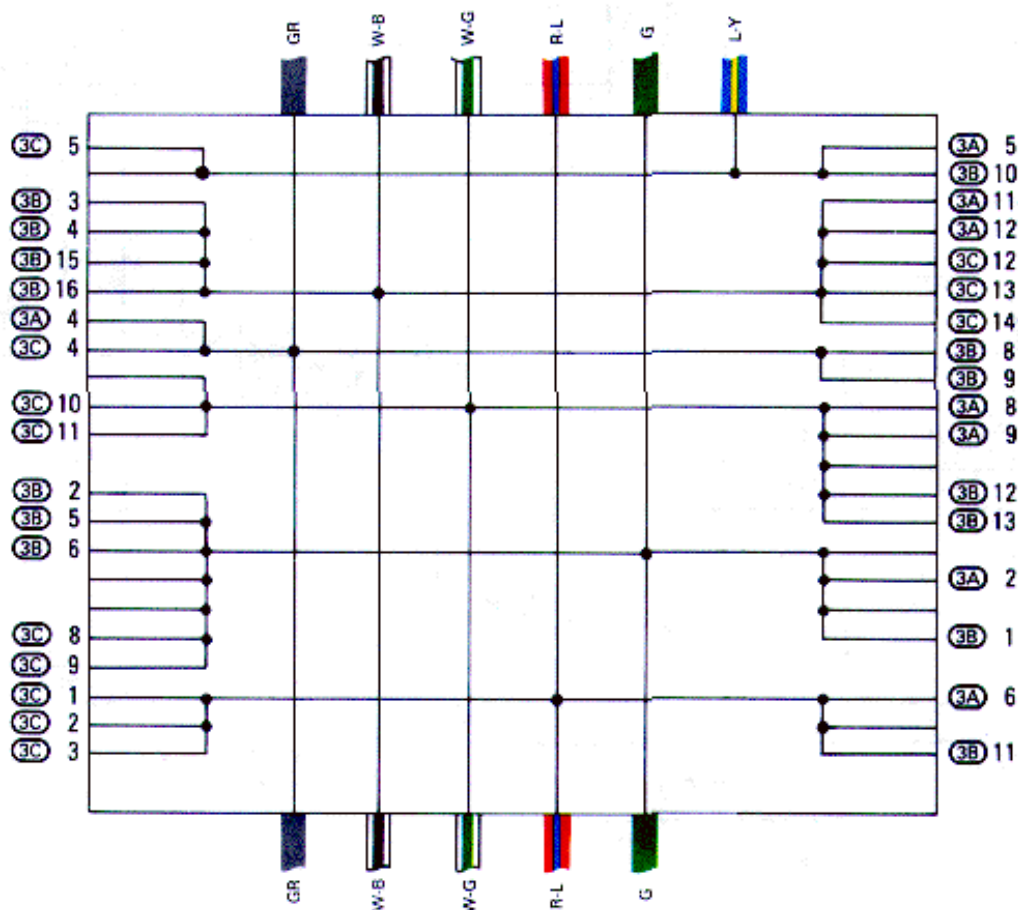
○ : J/B No. 3

Behind the Instrument Panel Center

(See Page 18)

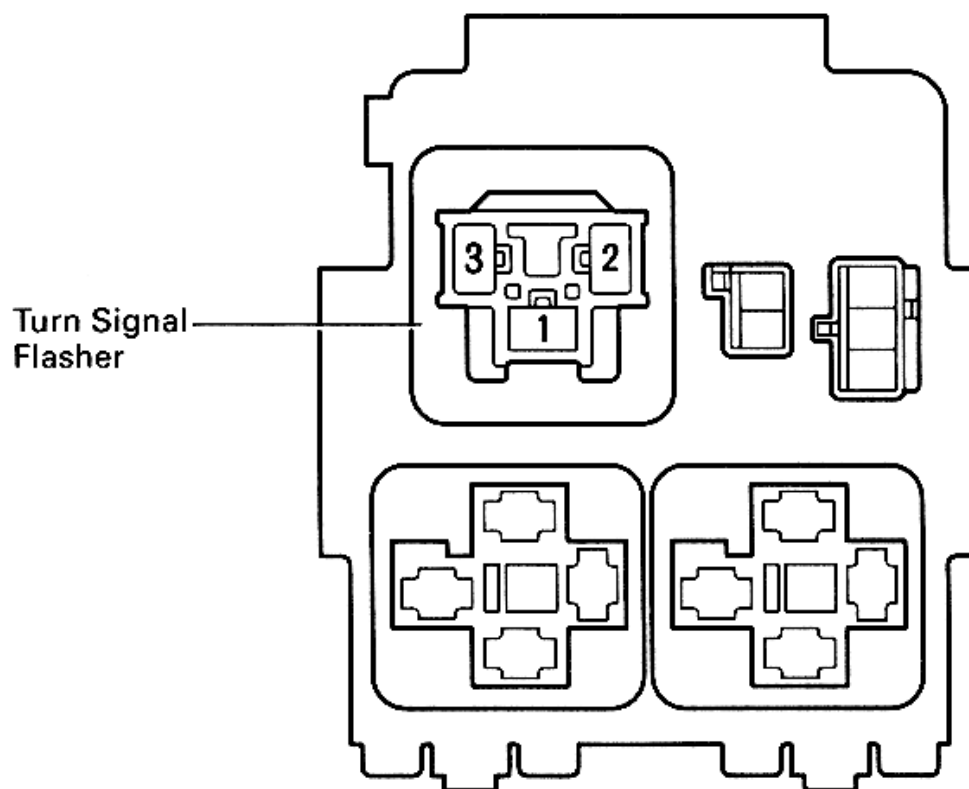


[J/B No. 3 Inner Circuit]



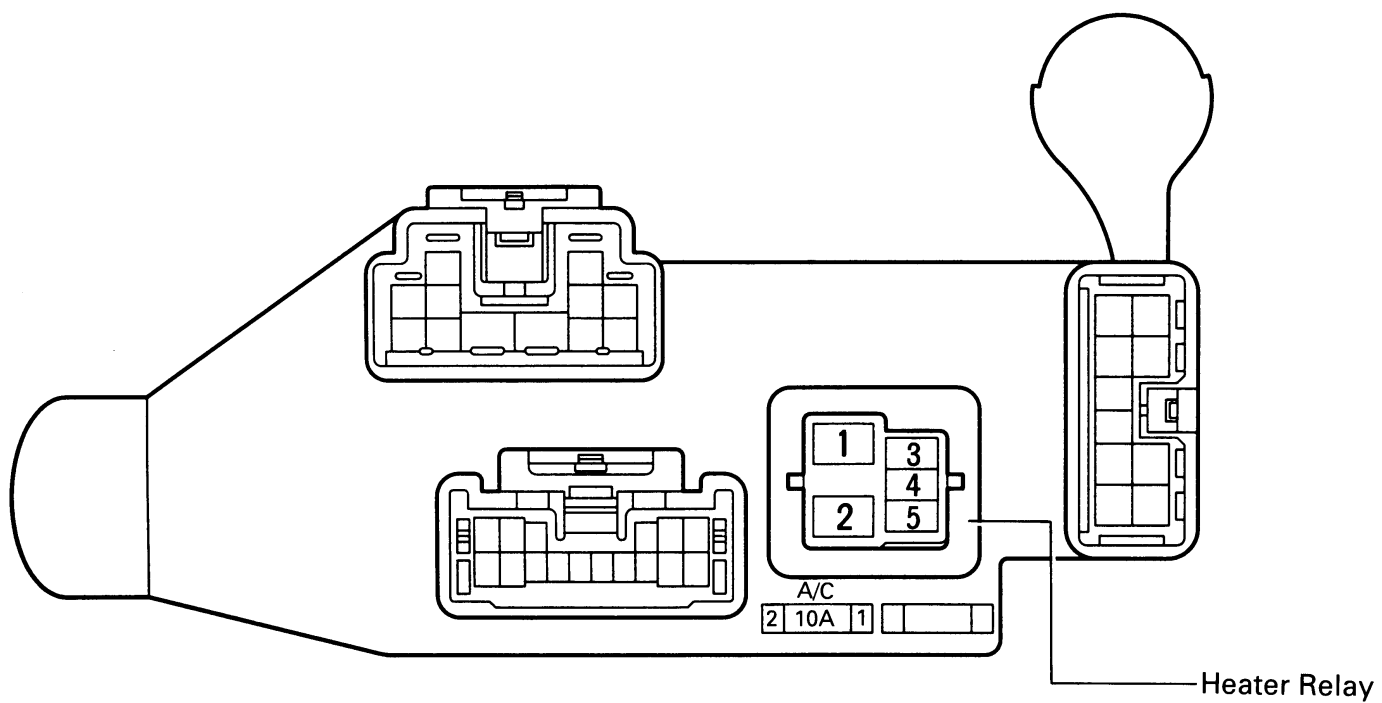
① : R/B No. 1

Left Kick Panel (See Page 18)



④ : R/B No. 4

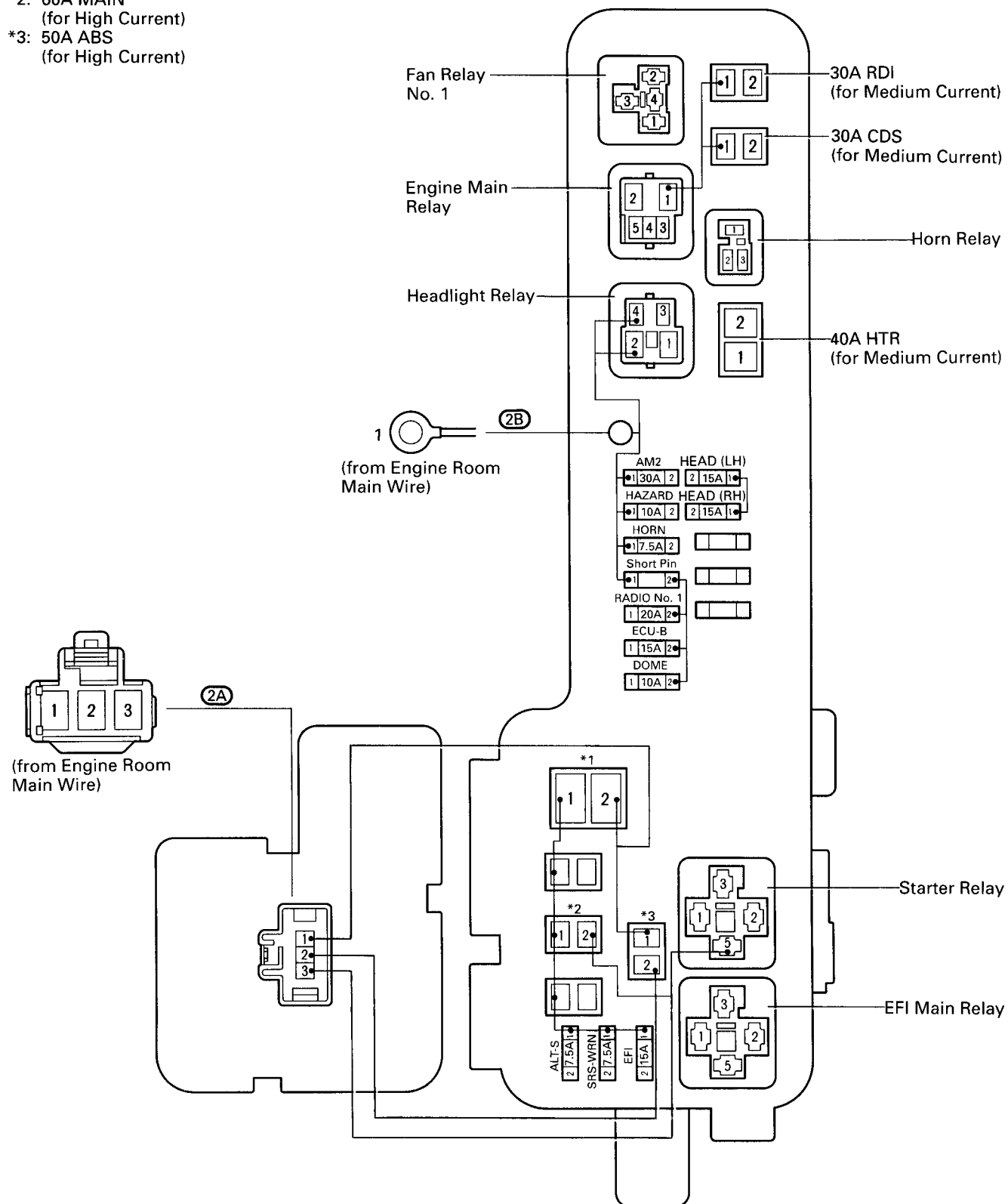
Right Kick Panel (See Page 18)



RELAY LOCATIONS

② : R/B No. 2	Engine Compartment Left (See Page 18)
○ : J/B No. 2	

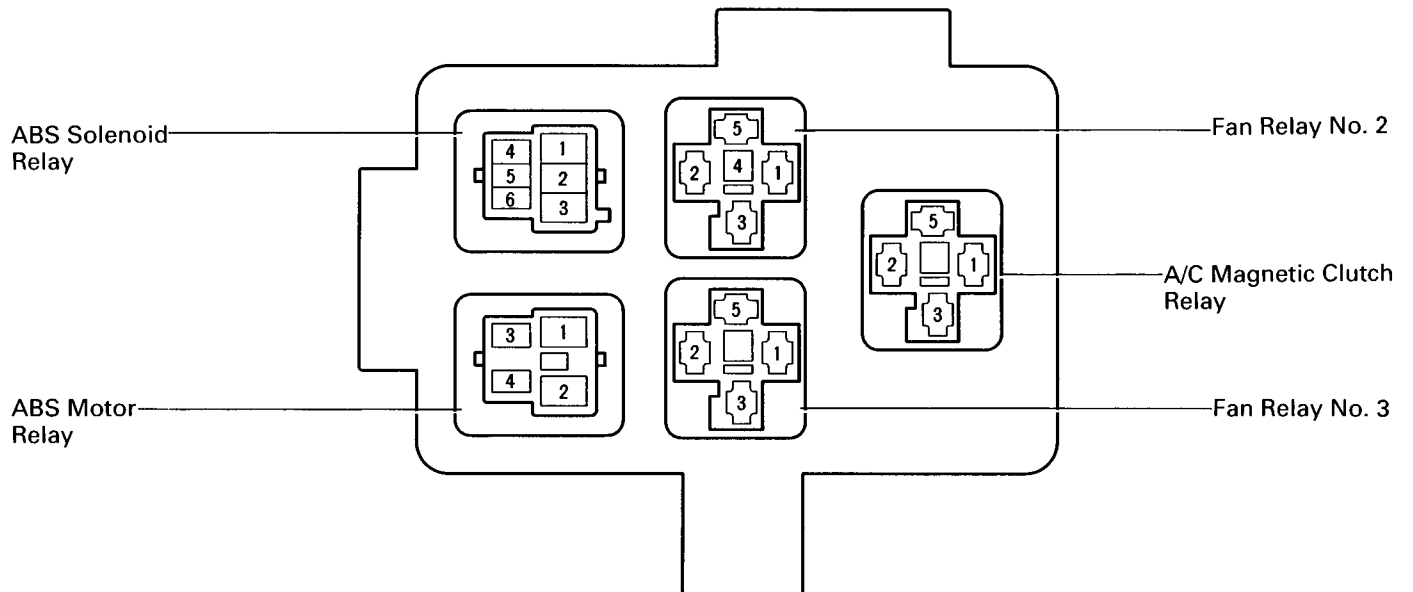
- *1: 100A ALT
(for High Current)
- *2: 60A MAIN
(for High Current)
- *3: 50A ABS
(for High Current)



⑤ : R/B No. 5

Engine Compartment Front Right

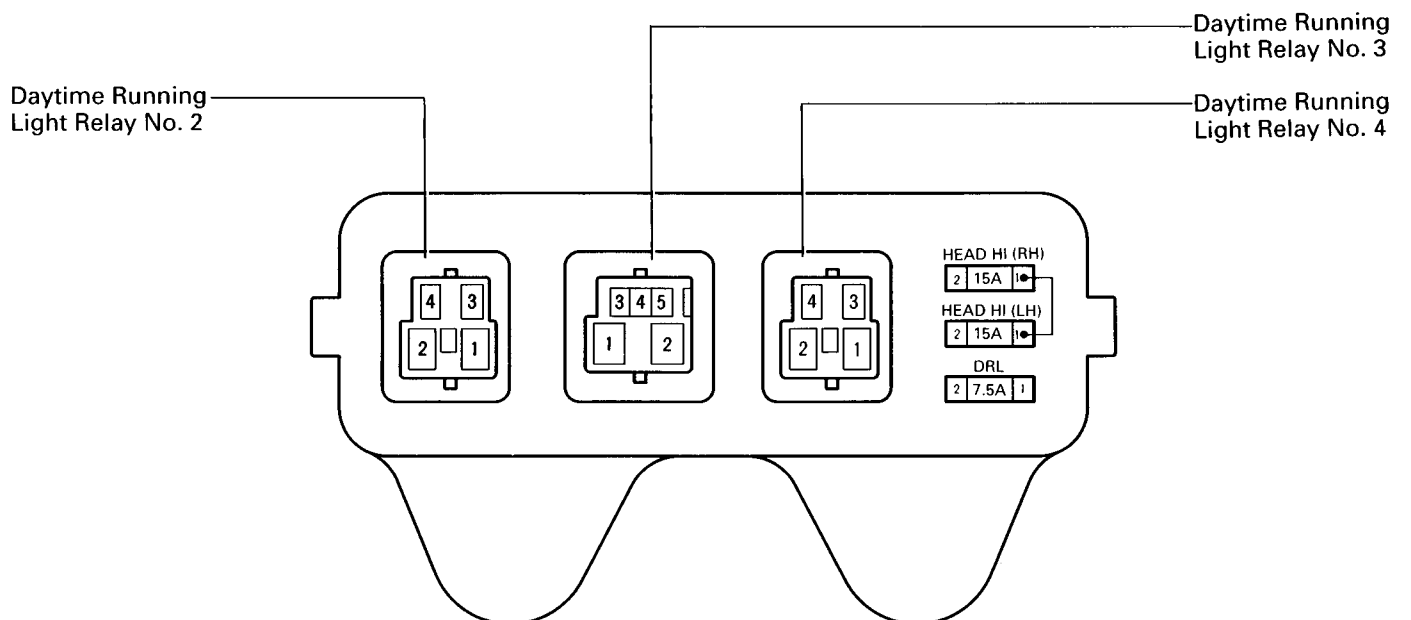
(See Page 18)



⑥ : R/B No. 6

Engine Compartment Front Left

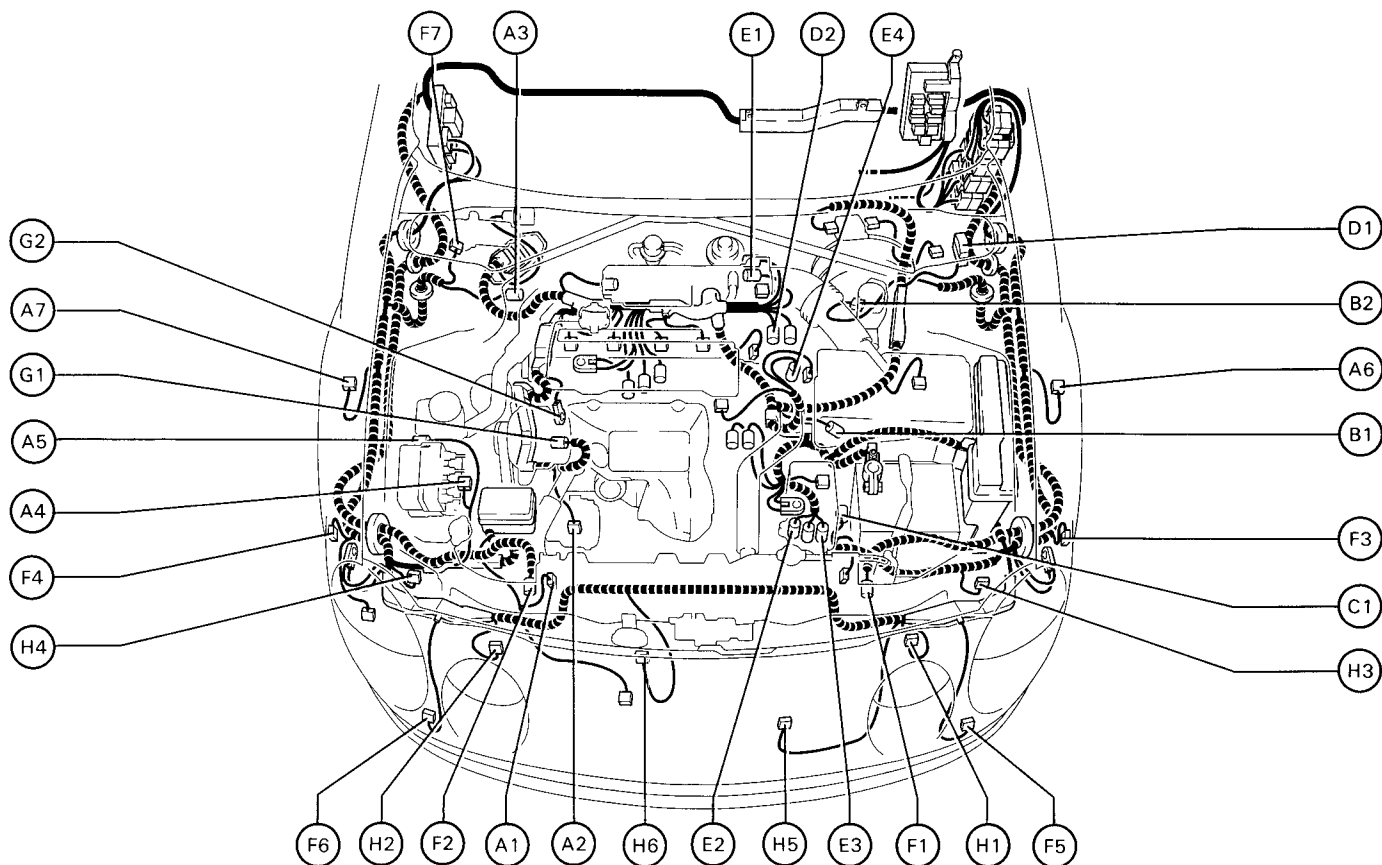
(See Page 18)



ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[5S-FE]



- A 1 A/C Condenser Fan Motor
- A 2 A/C Magnetic Clutch and Lock Sensor
- A 3 A/C Triple Pressure SW (A/C Dual and Single Pressure SW)
- A 4 ABS Actuator
- A 5 ABS Actuator
- A 6 ABS Speed Sensor Front LH
- A 7 ABS Speed Sensor Front RH

- B 1 Back-Up Light SW
- B 2 Brake Fluid Level Warning SW

- C 1 Cruise Control Actuator

- D 1 Data Link Connector 1 (Check Connector)
- D 2 Distributor

- E 1 EGR Gas Temp. Sensor
- E 2 Electronically Controlled Transmission Solenoid
- E 3 Electronically Controlled Transmission Solenoid

- E 4 Engine Coolant Temp. Sensor (EFI Water Temp. Sensor)

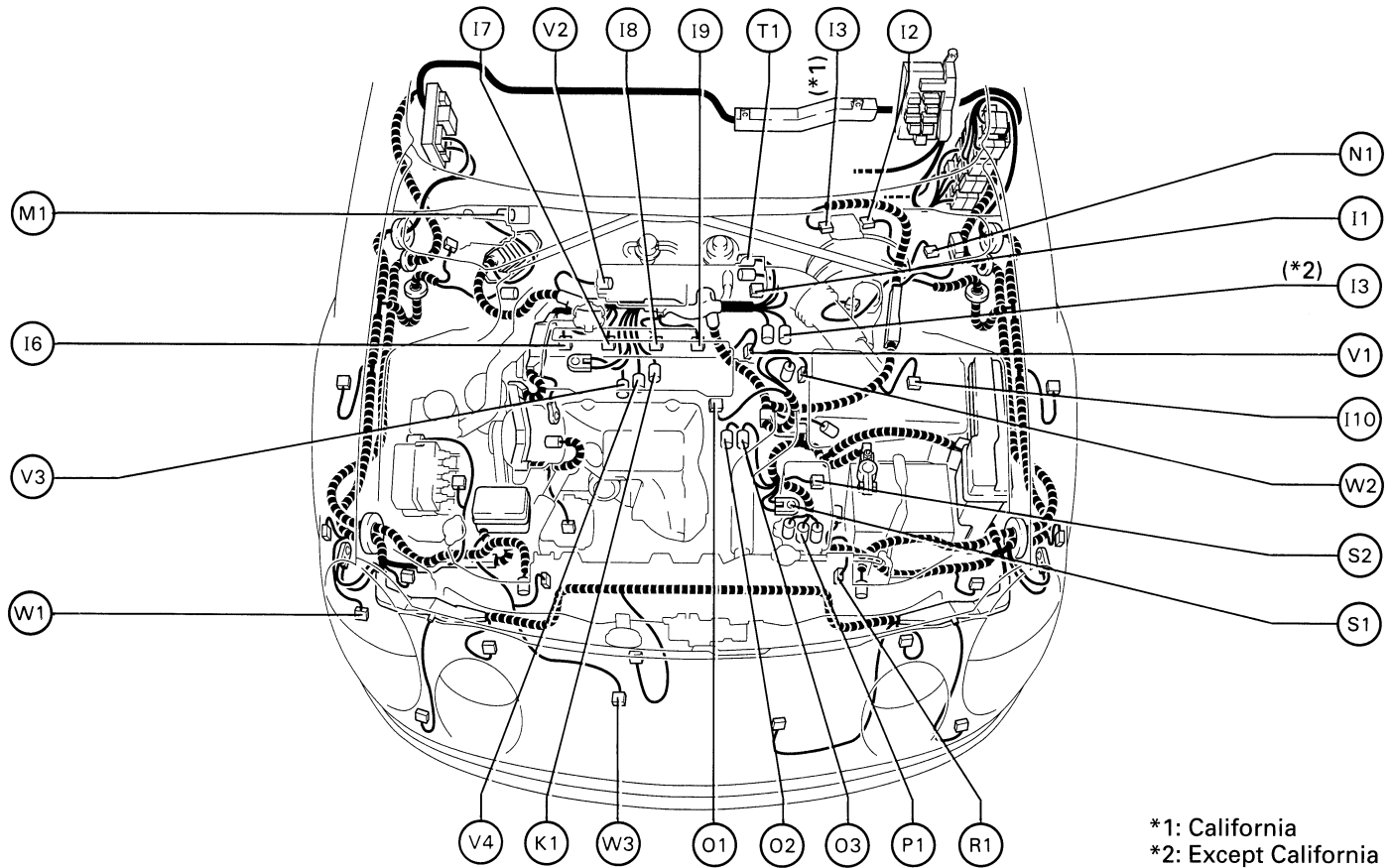
- F 1 Front Airbag Sensor LH
- F 2 Front Airbag Sensor RH
- F 3 Front Side Marker Light LH
- F 4 Front Side Marker Light RH
- F 5 Front Turn Signal Light and Parking Light LH
- F 6 Front Turn Signal Light and Parking Light RH
- F 7 Front Wiper Motor

- G 1 Generator (Alternator)
- G 2 Generator (Alternator)

- H 1 Headlight Hi LH
- H 2 Headlight Hi RH
- H 3 Headlight Lo LH
- H 4 Headlight Lo RH
- H 5 Horn LH
- H 6 Horn RH

Position of Parts in Engine Compartment

[5S-FE]



I 1 Idle Air Control Valve (ISC Valve)
I 2 Igniter
I 3 Ignition Coil
I 6 Injector No. 1
I 7 Injector No. 2
I 8 Injector No. 3
I 9 Injector No. 4
I 10 Intake Air Temp. Sensor

K 1 Knock Sensor

M 1 Manifold Absolute Pressure Sensor (Vacuum Sensor)

N 1 Noise Filter (for Ignition System)

O 1 Oil Pressure SW
O 2 Oxygen Sensor Main
O 3 Oxygen Sensor Sub

P 1 Park/Neutral Position SW (Neutral Start SW)

R 1 Radiator Fan Motor

S 1 Starter
S 2 Starter

T 1 Throttle Position Sensor

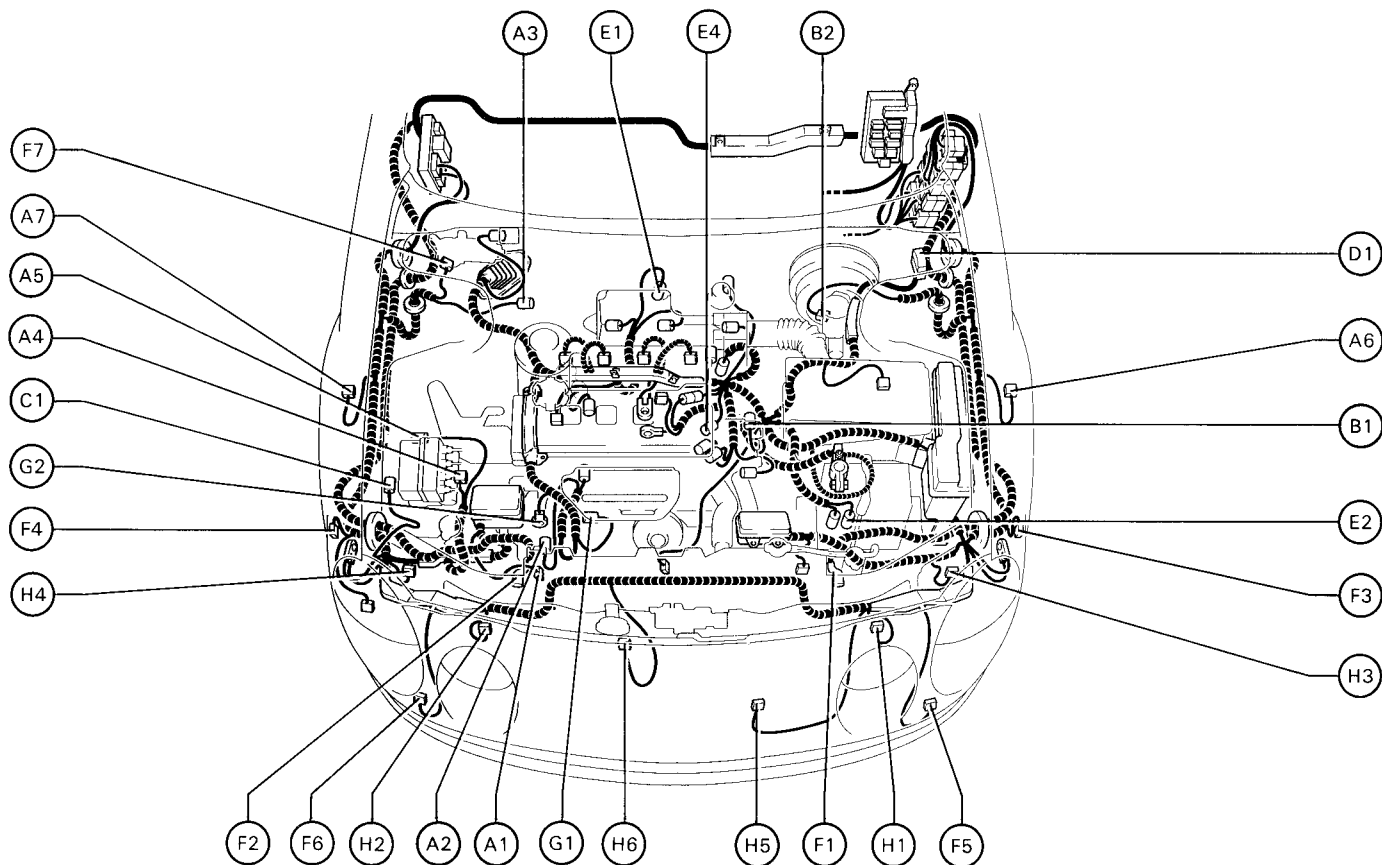
V 1 Vehicle Speed Sensor (Speed Sensor (for Combination Meter))
V 2 VSV (for A/C Idle-Up)
V 3 VSV (for EGR)
V 4 VSV (for Fuel Pressure-Up)

W 1 Washer Motor
W 2 Water Temp. Sender
W 3 Water Temp. SW (for Radiator Fan)

ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[7A-FE]

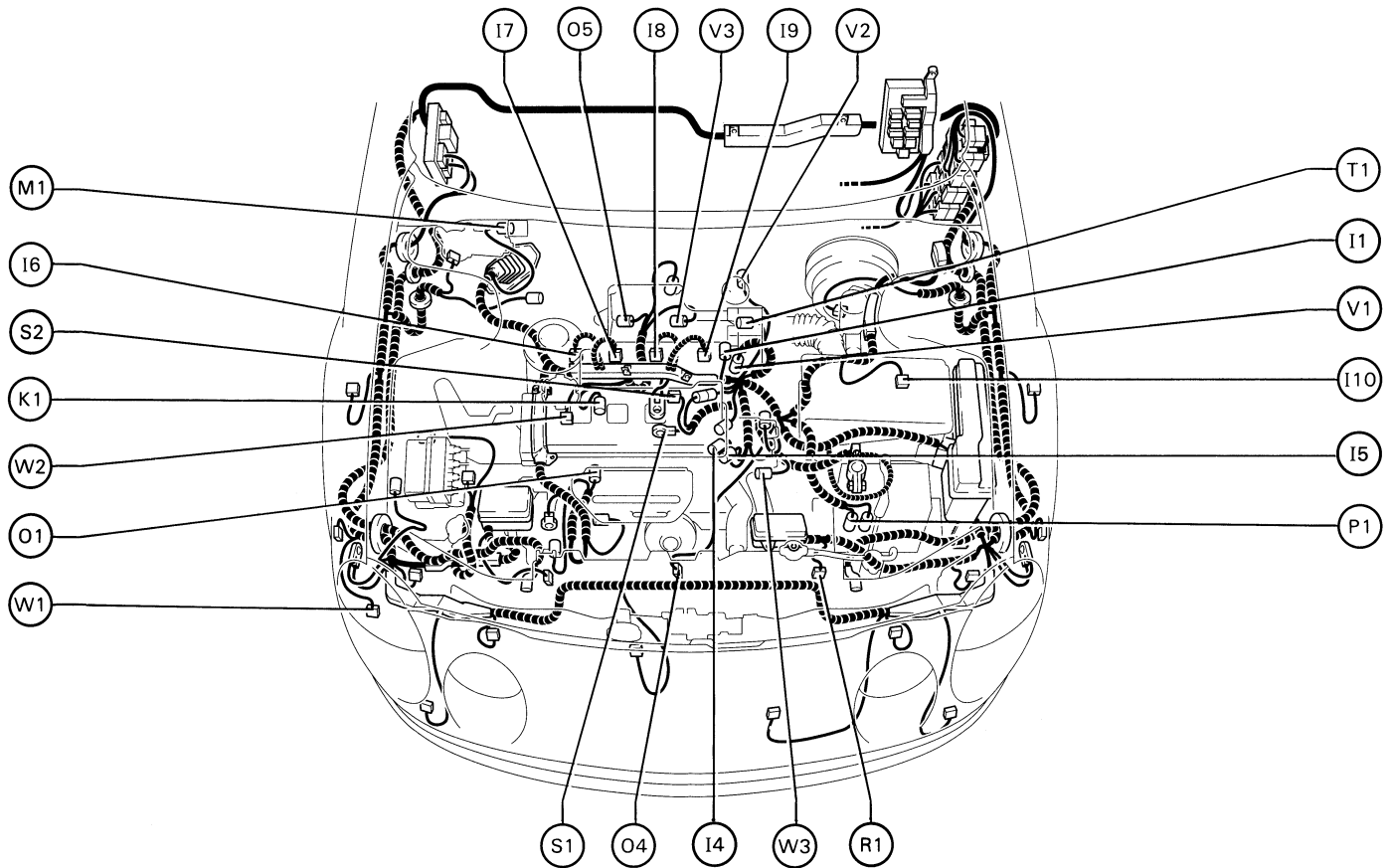


- A 1 A/C Condenser Fan Motor
- A 2 A/C Magnetic Clutch
- A 3 A/C Triple Pressure SW (A/C Dual and Single Pressure SW)
- A 4 ABS Actuator
- A 5 ABS Actuator
- A 6 ABS Speed Sensor Front LH
- A 7 ABS Speed Sensor Front RH
- B 1 Back-Up Light SW
- B 2 Brake Fluid Level Warning SW
- C 1 Cruise Control Actuator
- D 1 Data Link Connector 1 (Check Connector)
- E 1 EGR Gas Temp. Sensor
- E 2 Electronically Controlled Transmission Solenoid
- E 4 Engine Coolant Temp. Sensor (EFI Water Temp. Sensor)

- F 1 Front Airbag Sensor LH
- F 2 Front Airbag Sensor RH
- F 3 Front Side Marker Light LH
- F 4 Front Side Marker Light RH
- F 5 Front Turn Signal Light and Parking Light LH
- F 6 Front Turn Signal Light and Parking Light RH
- F 7 Front Wiper Motor
- G 1 Generator (Alternator)
- G 2 Generator (Alternator)
- H 1 Headlight Hi LH
- H 2 Headlight Hi RH
- H 3 Headlight Lo LH
- H 4 Headlight Lo RH
- H 5 Horn LH
- H 6 Horn RH

Position of Parts in Engine Compartment

[7A-FE]



I 1 Idle Air Control Valve (ISC Valve)
 I 4 IIA
 I 5 IIA
 I 6 Injector No.1
 I 7 Injector No.2
 I 8 Injector No.3
 I 9 Injector No.4
 I 10 Intake Air Temp. Sensor

K 1 Knock Sensor

M 1 Manifold Absolute Pressure Sensor
 (Vacuum Sensor)

O 1 Oil Pressure SW
 O 4 Oxygen Sensor Main
 O 5 Oxygen Sensor Sub

P 1 Park/Neutral Position SW (Neutral Start SW)

R 1 Radiator Fan Motor

S 1 Starter
 S 2 Starter

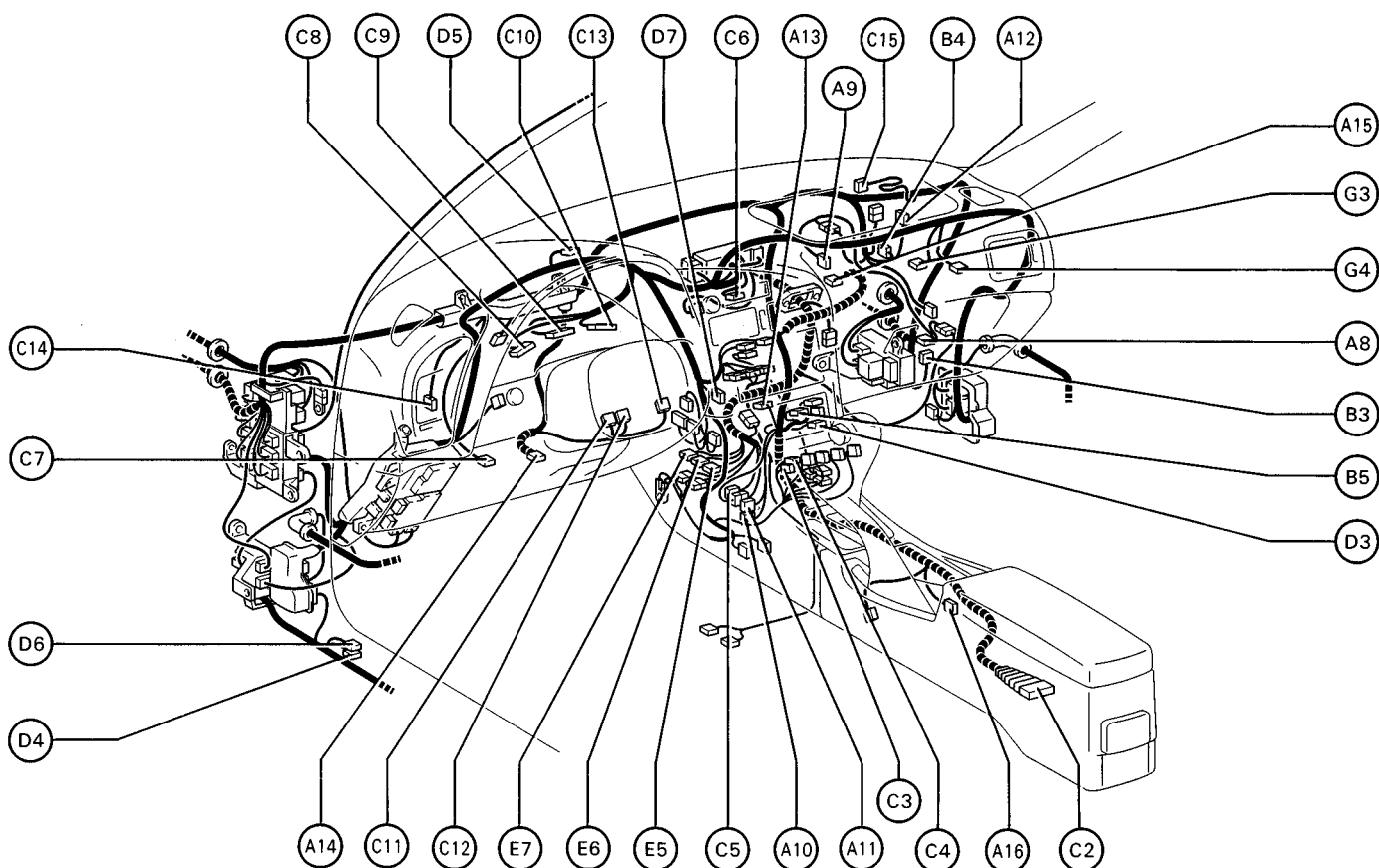
T 1 Throttle Position Sensor

V 1 Vehicle Speed Sensor (Speed Sensor (for
 Combination Meter))
 V 2 VSV (for A/C Idle-Up)
 V 3 VSV (for EGR)

W 1 Washer Motor
 W 2 Water Temp. Sender
 W 3 Water Temp. SW (for Radiator Fan)

ELECTRICAL WIRING ROUTING

Position of Parts in Instrument Panel



- A 8 A/C Amplifier
- A 9 A/C Thermistor
- A 10 ABS ECU
- A 11 ABS ECU
- A 12 Air Inlet Control Servo Motor
- A 13 Air Vent Mode Control Servo Motor
- A 14 Airbag Squib (Steering Wheel Pad)
- A 15 Airbag Squib (Front Passenger Airbag Assembly)
- A 16 Ashtray Illumination

- B 3 Blower Motor
- B 4 Blower Resistor
- B 5 Blower SW
- C 2 Center Airbag Sensor Assembly
- C 3 Cigarette Lighter
- C 4 Cigarette Lighter Illumination
- C 5 Circuit Opening Relay
- C 6 Clock
- C 7 Clutch Start SW
- C 8 Combination Meter
- C 9 Combination Meter
- C 10 Combination Meter
- C 11 Combination SW

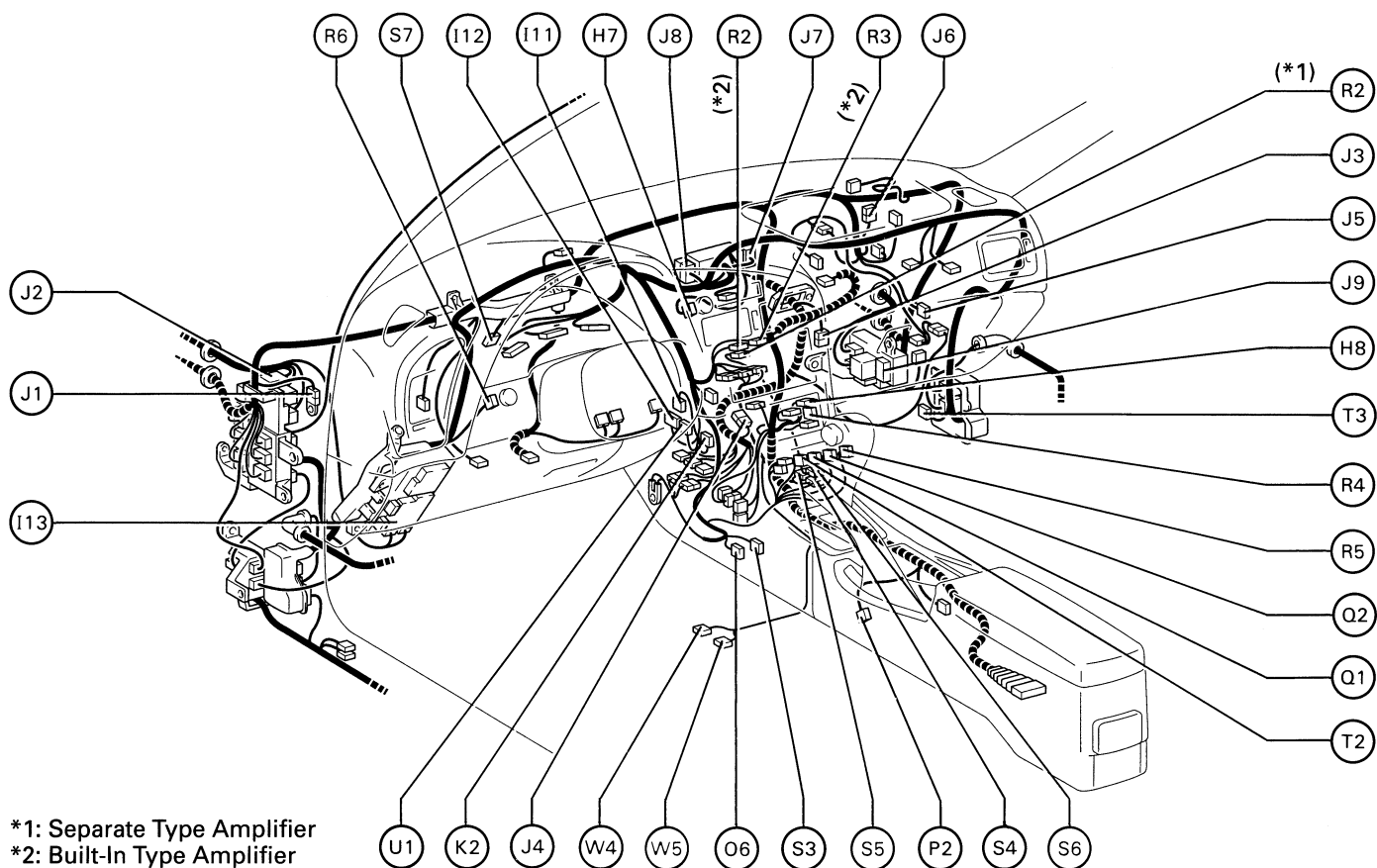
- C 12 Combination SW
- C 13 Combination SW
- C 14 Cruise Control Clutch SW
- C 15 Cruise Control ECU

- D 3 Daytime Running Light Relay (Main)
- D 4 Diode (for Door Courtesy Light)
- D 5 Diode (for Key Off Operation)
- D 6 Diode (for Luggage Compartment Light)
- D 7 Door Lock Control Relay

- E 5 Engine Control Module (Engine and Electronically Controlled Transmission ECU (A/T)) or Engine Control Module (Engine ECU (M/T))
- E 6 Engine Control Module (Engine and Electronically Controlled Transmission ECU (A/T)) or Engine Control Module (Engine ECU (M/T))
- E 7 Engine Control Module (Engine and Electronically Controlled Transmission ECU (A/T)) or Engine Control Module (Engine ECU (M/T))

- G 3 Glove Box Light
- G 4 Glove Box Light SW

Position of Parts in Instrument Panel



*1: Separate Type Amplifier
*2: Built-In Type Amplifier

H 7 Hazard SW
H 8 Heater Control SW

I 11 Ignition Key Cylinder Light
I 12 Ignition SW
I 13 Integration Relay

J 1 Junction Connector (for Earth)
J 2 Junction Connector
J 3 Junction Connector
J 4 Junction Connector
J 5 Junction Connector
J 6 Junction Connector
J 7 Junction Connector
J 8 Junction Connector
J 9 Junction Connector (for Earth)

K 2 Key Interlock Solenoid

O 6 O/D Main SW

P 2 Parking Brake SW

Q 1 Quarter Power Window SW LH (Convertible)
Q 2 Quarter Power Window SW RH (Convertible)

R 2 Radio and Player
R 3 Radio and Player
R 4 Rear Window Defogger SW
R 5 Remote Control Mirror SW (w/o Power Window)
R 6 Rheostat

S 3 Shift Lock ECU
S 4 Stereo Component Amplifier
S 5 Stereo Component Amplifier
S 6 Stereo Component Amplifier
S 7 Stop Light SW

T 2 Top Stack Control SW (Convertible)
T 3 Top Stack Main Relay (Convertible)

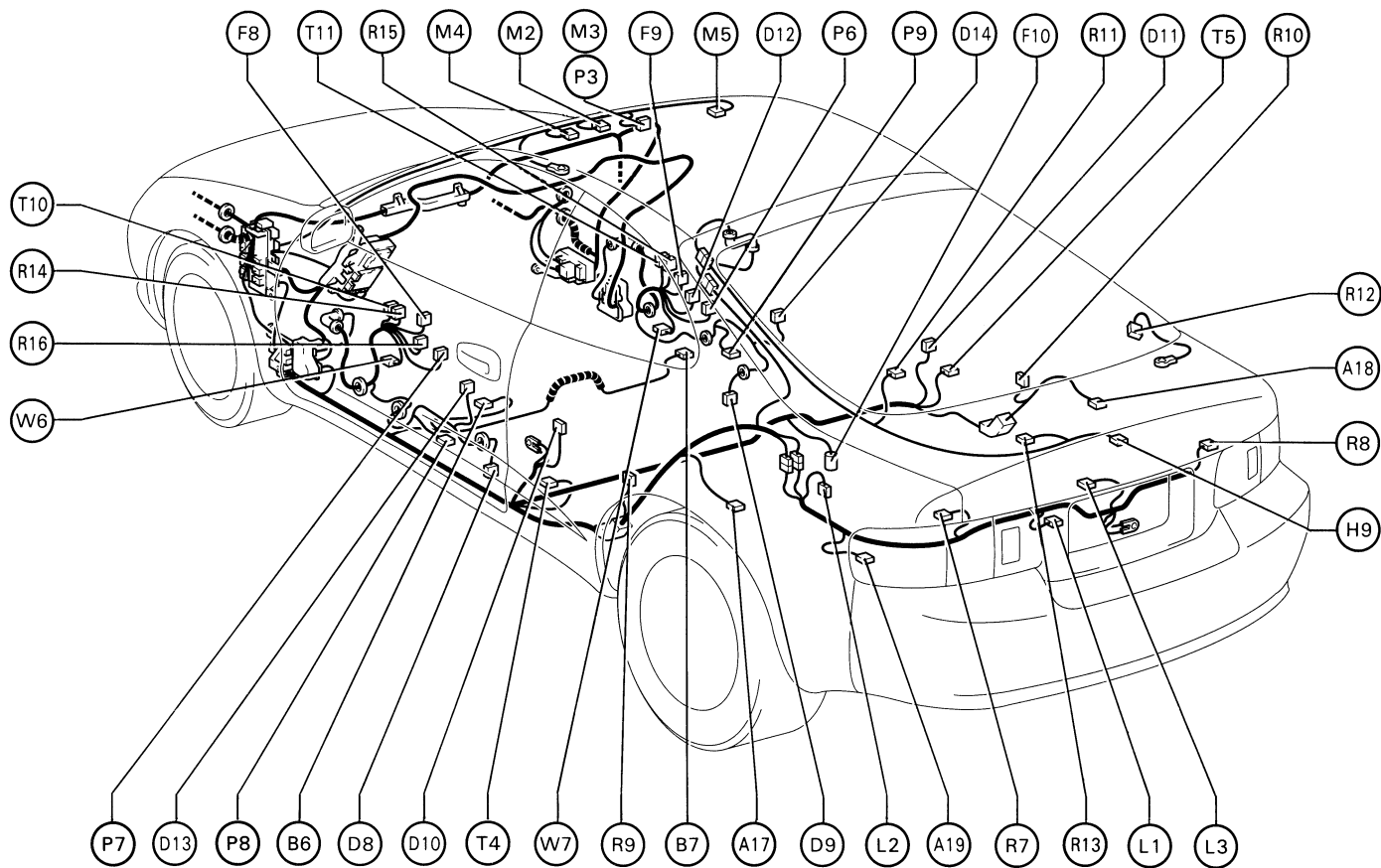
U 1 Unlock Warning SW

W 4 Woofer Speaker Amplifier
W 5 Woofer Speaker Amplifier

ELECTRICAL WIRING ROUTING

Position of Parts in Body

[L/B]



A 17 ABS Speed Sensor Rear LH
A 18 ABS Speed Sensor Rear RH
A 19 Auto Antenna Motor and Relay

B 6 Buckle SW LH
B 7 Buckle SW RH

D 8 Door Courtesy Light LH
D 9 Door Courtesy Light RH
D 10 Door Courtesy SW LH
D 11 Door Courtesy SW RH
D 12 Door Lock Control SW (Passenger's Side)
D 13 Door Lock Motor, Door Unlock Detection SW
and Door Key Lock and Unlock SW LH
D 14 Door Lock Motor, Door Unlock Detection SW
and Door Key Lock and Unlock SW RH

F 8 Front Door Speaker LH
F 9 Front Door Speaker RH
F 10 Fuel Sender and Pump

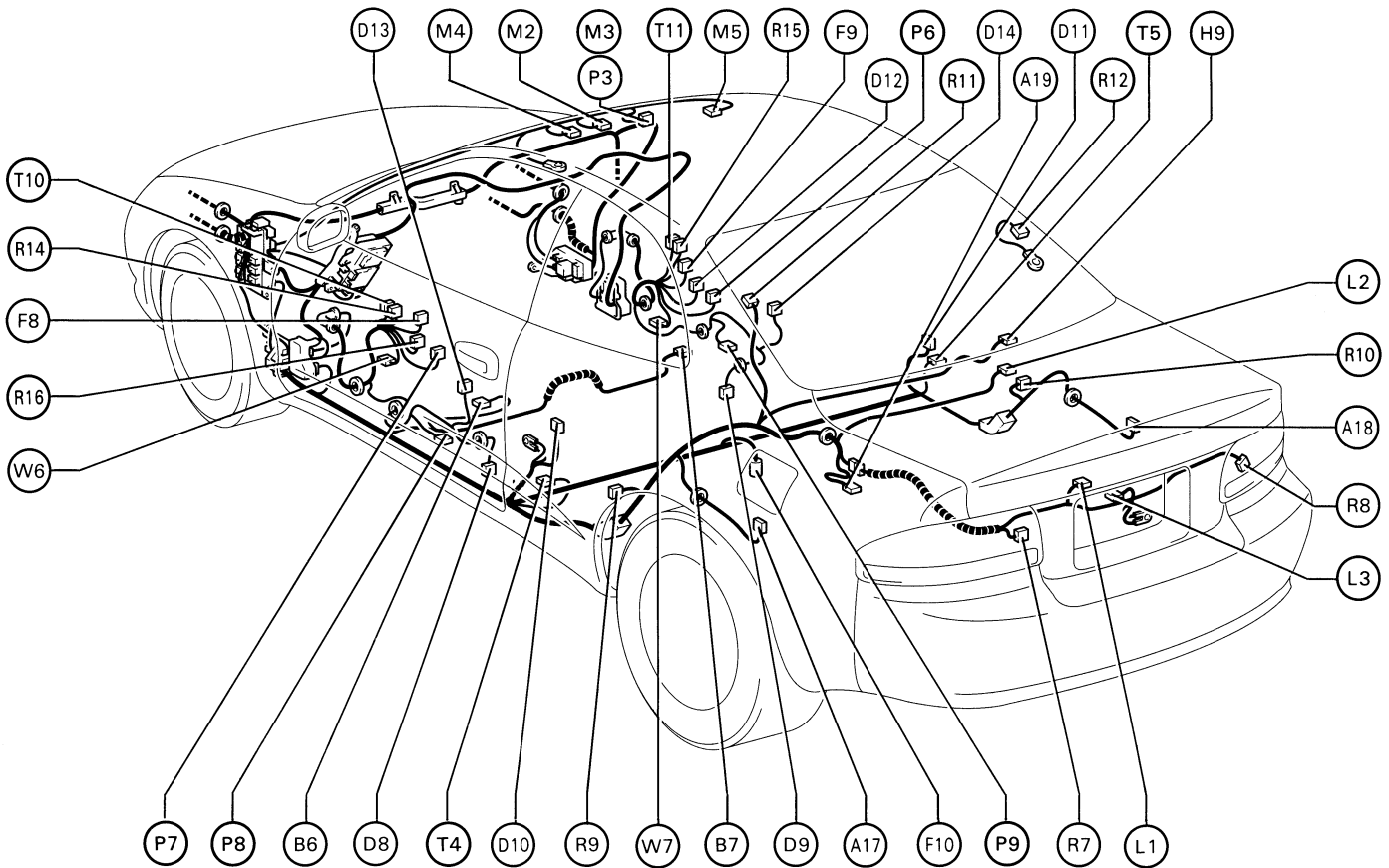
H 9 High Mounted Stop Light

L 1 License Plate Light
L 2 Luggage Compartment Light
L 3 Luggage Compartment Light SW

M 2 Moon Roof Control Relay
M 3 Moon Roof Control SW and Personal Light
(w/Moon Roof)
M 4 Moon Roof Limit SW
M 5 Moon Roof Motor

Position of Parts in Instrument Body

[C/P]



- P 3 Personal Light (w/o Moon Roof)
- P 6 Power Window Control SW (Passenger's Side)
- P 7 Power Window Master SW
- P 8 Power Window Motor LH
- P 9 Power Window Motor RH

- R 7 Rear Combination Light LH
- R 8 Rear Combination Light RH
- R 9 Rear Speaker LH
- R 10 Rear Speaker RH
- R 11 Rear Window Defogger (+)
- R 12 Rear Window Defogger (-)

- R 13 Rear Wiper Motor and Relay (L/B)
- R 14 Remote Control Mirror LH
- R 15 Remote Control Mirror RH
- R 16 Remote Control Mirror SW (w/ Power Window)

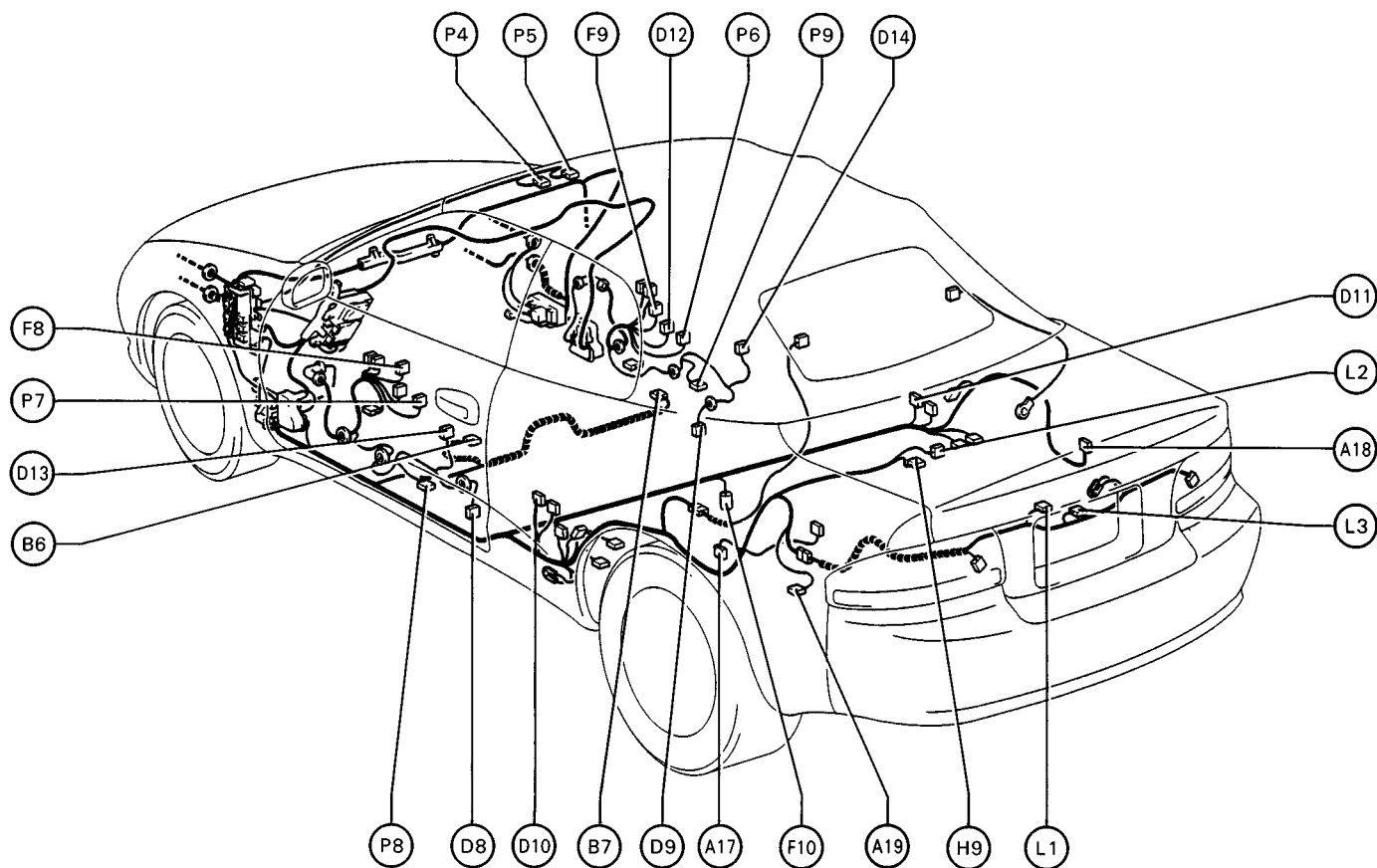
- T 4 Tension Reducer Solenoid LH
- T 5 Tension Reducer Solenoid RH
- T 10 Tweeter Speaker LH
- T 11 Tweeter Speaker RH

- W 6 Woofer Speaker LH
- W 7 Woofer Speaker RH

ELECTRICAL WIRING ROUTING

Position of Parts in Body

[Convertible]



A 17 ABS Speed Sensor Rear LH
A 18 ABS Speed Sensor Rear RH
A 19 Auto Antenna Motor and Relay

B 6 Buckle SW LH
B 7 Buckle SW RH

D 8 Door Courtesy Light LH
D 9 Door Courtesy Light RH
D 10 Door Courtesy SW LH
D 11 Door Courtesy SW RH
D 12 Door Lock Control SW (Passenger's Side)
D 13 Door Lock Motor, Door Unlock Detection SW
and Door Key Lock and Unlock SW LH
D 14 Door Lock Motor, Door Unlock Detection SW
and Door Key Lock and Unlock SW RH

F 8 Front Door Speaker LH
F 9 Front Door Speaker RH
F 10 Fuel Sender and Pump

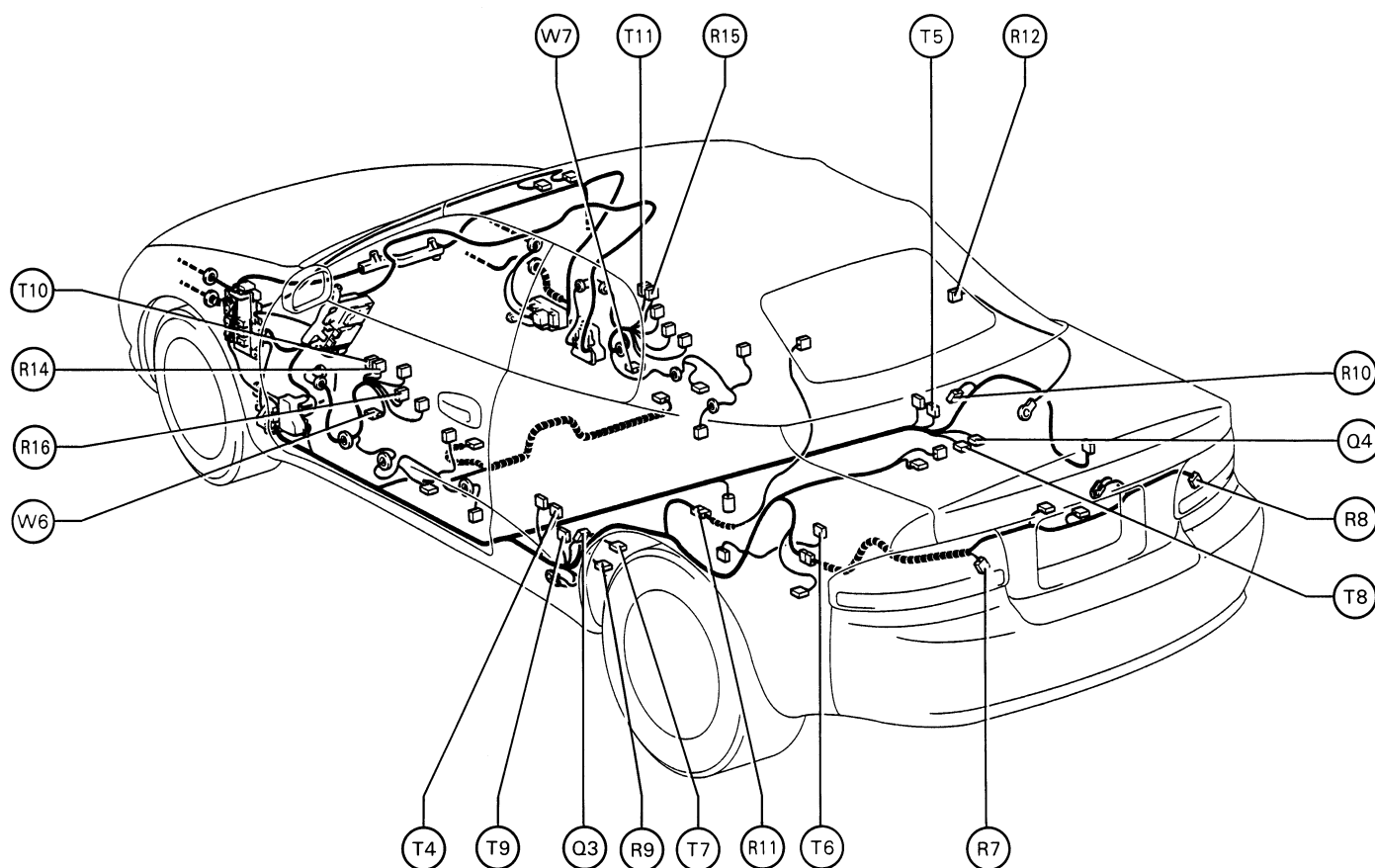
H 9 High Mounted Stop Light

L 1 License Plate Light
L 2 Luggage Compartment Light
L 3 Luggage Compartment Light SW

P 4 Personal Light LH
P 5 Personal Light RH
P 6 Power Window Control SW (Passenger's Side)
P 7 Power Window Master SW
P 8 Power Window Motor LH
P 9 Power Window Motor RH

Position of Parts in Instrument Body

[Convertible]



Q 3 Quarter Power Window Motor LH
Q 4 Quarter Power Window Motor RH

R 7 Rear Combination Light LH
R 8 Rear Combination Light RH
R 9 Rear Speaker LH
R 10 Rear Speaker RH
R 11 Rear Window Defogger (+)
R 12 Rear Window Defogger (-)
R 14 Remote Control Mirror LH
R 15 Remote Control Mirror RH
R 16 Remote Control Mirror SW (w/ Power Window)

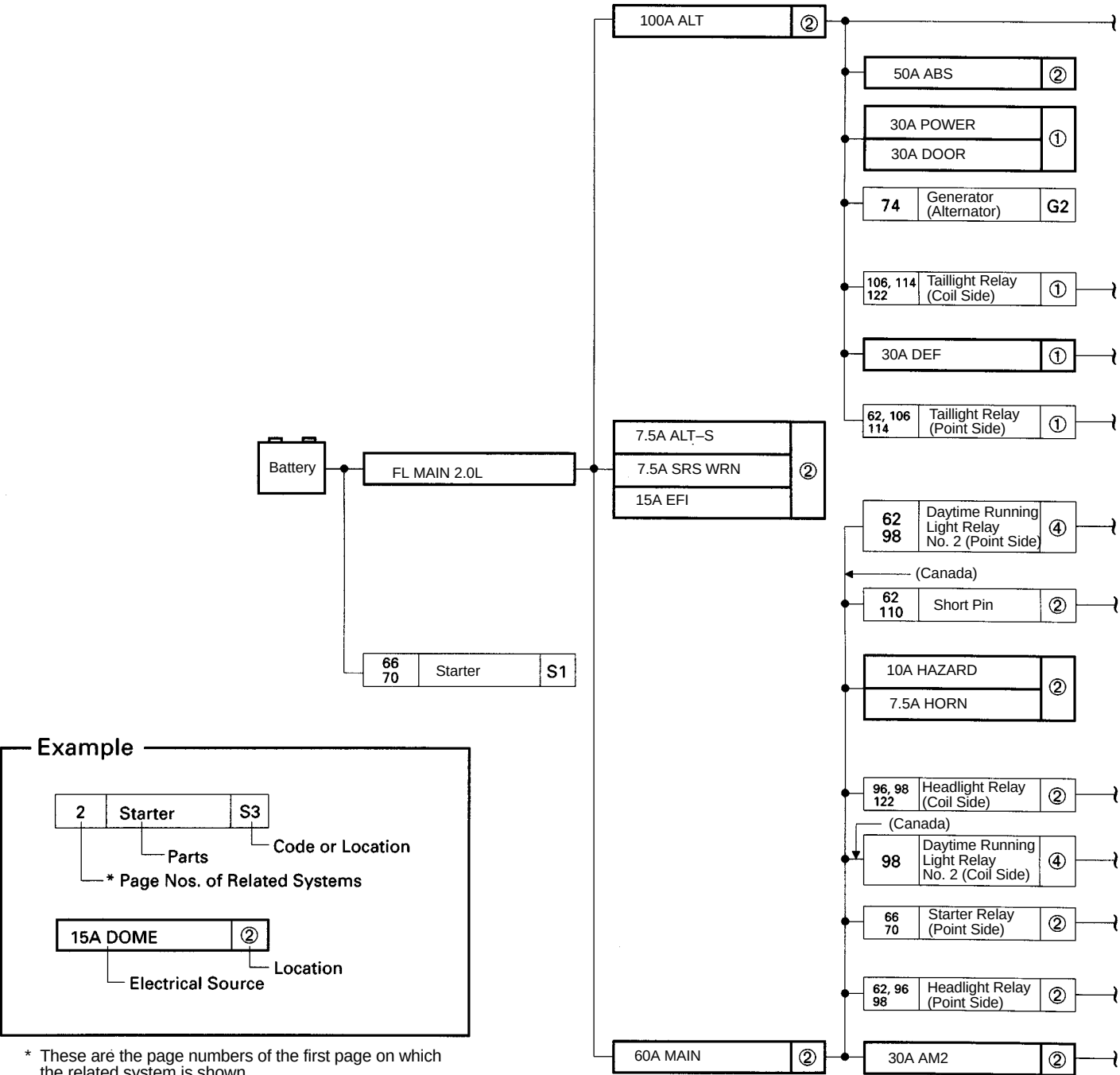
T 4 Tension Reducer Solenoid LH
T 5 Tension Reducer Solenoid RH
T 6 Top Stack Bypass SW
T 7 Top Stack Motor LH
T 8 Top Stack Motor RH
T 9 Top Stack Relay
T 10 Tweeter Speaker LH
T 11 Tweeter Speaker RH

W 6 Woofer Speaker LH
W 7 Woofer Speaker RH

POWER SOURCE (Current Flow Chart)

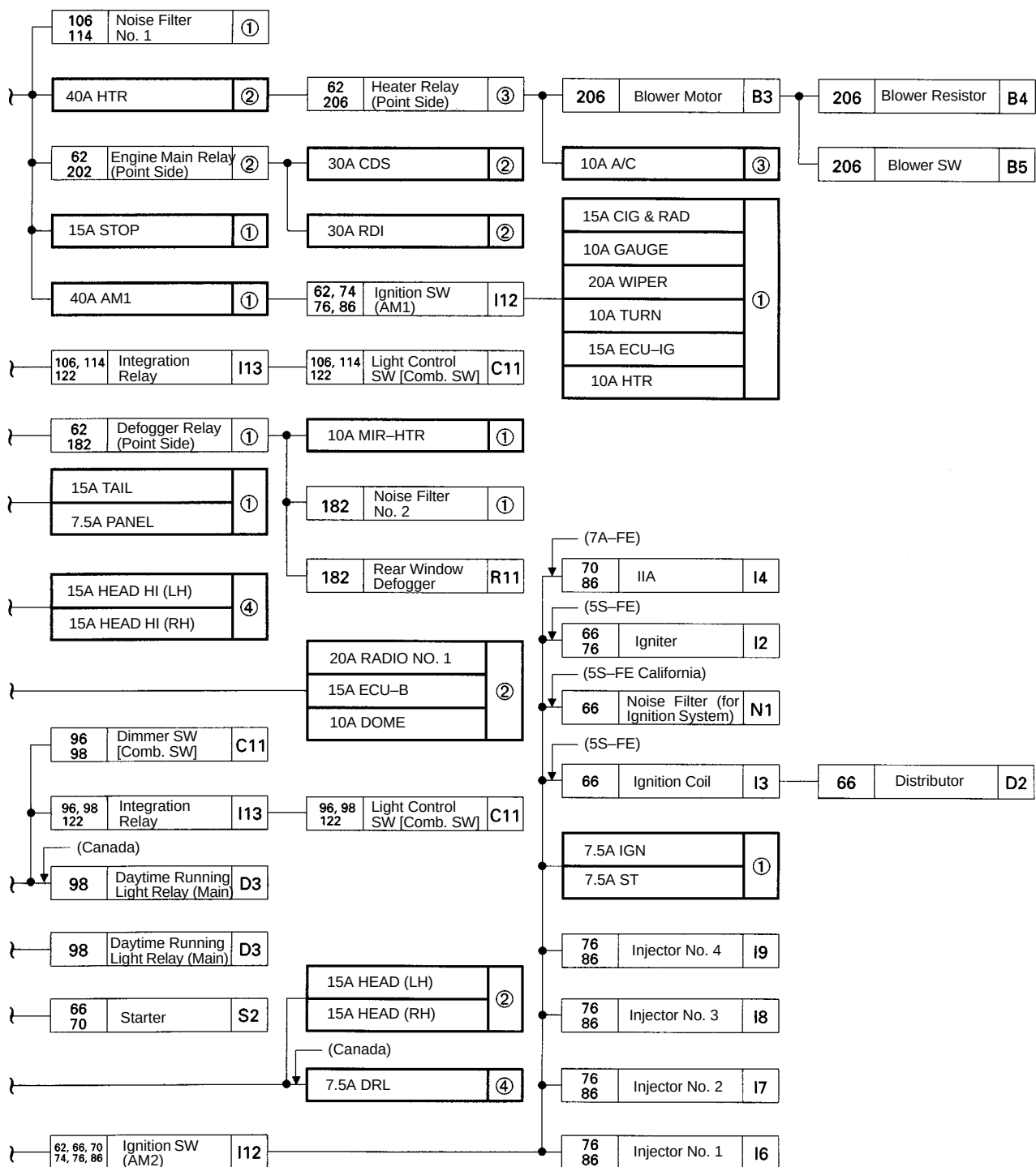
The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other parts.

The next page and following pages show the parts to which each electrical source outputs current.



[LOCATION] (1) : Inpane J/B
(See page 20)

(2) : R/B No. 2, J/B No. 2
(See page 26)



[LOCATION] (3) : R/B No. 4
(See page 25)

(4) : R/B No. 6
(See page 27)

POWER SOURCE (Current Flow Chart)

Location *Page Nos. of Related Systems Parts Code or Location CB or Fuse			202	206	206	202 206	160	206	160	160	206	206	106	184	120	206	180	180	165	152	106	76 86	152	66 70 76 86
			A1	A2	A2	A3	A5	A8	A10	A11	A12	A13	A16	A19	B1	B5	B6	B7	C2	C3	C4	C5	C6	C7
①	30A	DOOR																						
	30A	POWER																						
	20A	WIPER																						
	15A	CIG & RAD												●					●	●			●	
	15A	ECU-IG				●			●															
	15A	STOP							●															
	15A	TAIL																						
	10A	GAUGE								●				●	●		●	●						
	10A	HTR		●	●			●			●	●				●								
	10A	MIR-HTR																						
	10A	TURN																						
	7.5A	IGN																	●					
	7.5A	PANEL											●								●	●	●	
	7.5A	ST																			●		●	
③	50A	ABS		●			●																	
	30A	CDS	●																					
	30A	RDI																						
	20A	RADIO NO. 1																						
	15A	ECU-B							●															
	15A	EFI																				●		
	15A	HEAD (LH) (USA)																						
	15A	HEAD (RH) (USA)																						
	15A	HEAD (LH) (CANADA)																						
	15A	HEAD (RH) (CANADA)																						
	10A	DOME												●									●	
	10A	HAZARD																						
	7.5A	ALT-S																						
	7.5A	HORN																						
	7.5A	SRS WRN																	●					
④	10A	A/C				●		●																
⑥	15A	HEAD HI (LH) (CANADA)																						
	15A	HEAD HI (RH) (CANADA)																						
	7.5A	DRL																						

* These are the page numbers of the first page on which the related system is shown.
The part indicated is located somewhere in the system, not necessarily on the page indicated here.

[LOCATION] (1) : Inpane J/B (See page 20) (2) : R/B No. 1 (See page 25) (3) : R/B No. 2, J/B No. 2 (See page 26)
(4) : R/B No. 4 (See page 25) (5) : R/B No. 5 (See page 27) (6) : R/B No. 6 (See page 27)

[illegible]

POWER SOURCE (Current Flow Chart)

[illegible]

The part indicated is located somewhere in the system, not necessarily on the page indicated here.

[LOCATION] (1) : Inpane J/B (See page 20) (2) : R/B No. 1 (See page 25) (3) : R/B No. 2, J/B No. 2 (See page 26)
(4) : R/B No. 4 (See page 25) (5) : R/B No. 5 (See page 27) (6) : R/B No. 6 (See page 27)

POWER SOURCE (Current Flow Chart)

Location			*Page Nos. of Related Systems		Parts		Code or Location																					
			CB or Fuse		Quarter Power Window SW RH	Quarter Power Window Motor LH	Quarter Power Window Motor RH	Radiator Fan Motor	Radio and Player	Radio and Player	Rear Window Defogger SW	Remote Control Mirror SW (w/o Power Window)	Rheostat	Back-Up Light LH [Rear Comb. Light LH]	Rear Turn Signal Light LH [Rear Comb. Light LH]	Stop Light LH [Rear Comb. Light LH]	Tailight and Rear Side Marker Light LH [Rear Comb. Light LH]	Back-Up Light RH [Rear Comb. Light RH]	Rear Turn Signal Light RH [Rear Comb. Light RH]	Stop Light RH [Rear Comb. Light RH]	Tailight and Rear Side Marker Light RH [Rear Comb. Light RH]	Rear Wiper Motor and Relay	Remote Control Mirror LH	Remote Control Mirror RH	Remote Control Mirror SW (w/ Power Window)	Shift Lock ECU		
					Q2	Q3	Q4	R1	R2	R3	R4	R5	R6	R7			R8			R13	R14	R15	R16	S3				
①	30A	DOOR																										
	30A	POWER	●	●	●																							
	20A	WIPER																			●							
	15A	CIG & RAD						●		●												●	●	●	●	●		
	15A	ECU-IG																					●	●	●	●		
	15A	STOP												●					●							●		
	15A	TAIL													●					●								
	10A	GAUGE											●				●											
	10A	HTR							●																			
	10A	MIR-HTR																										
	10A	TURN												●				●										
	7.5A	IGN																●										
	7.5A	PANEL					●	●	●		●																	
	7.5A	ST																										
③	50A	ABS																										
	30A	CDS				●																						
	30A	RDI				●																						
	20A	RADIO NO. 1					●																					
	15A	ECU-B																										
	15A	EFI																										
	15A	HEAD (LH) (USA)																										
	15A	HEAD (RH) (USA)																										
	15A	HEAD (LH) (CANADA)																										
	15A	HEAD (RH) (CANADA)																										
	10A	DOME																										
	10A	HAZARD												●				●										
	7.5A	ALT-S																										
	7.5A	HORN																										
7.5A	SRS WRN																											
④	10A	A/C																										
⑥	15A	HEAD HI (LH) (CANADA)																										
	15A	HEAD HI (RH) (CANADA)																										
	7.5A	DRL																										

* These are the page numbers of the first page on which the related system is shown.
The part indicated is located somewhere in the system, not necessarily on the page indicated here.

[LOCATION] (1) : Inpane J/B (See page 20) (2) : R/B No. 1 (See page 25) (3) : R/B No. 2, J/B No. 2 (See page 26)
(4) : R/B No. 4 (See page 25) (5) : R/B No. 5 (See page 27) (6) : R/B No. 6 (See page 27)

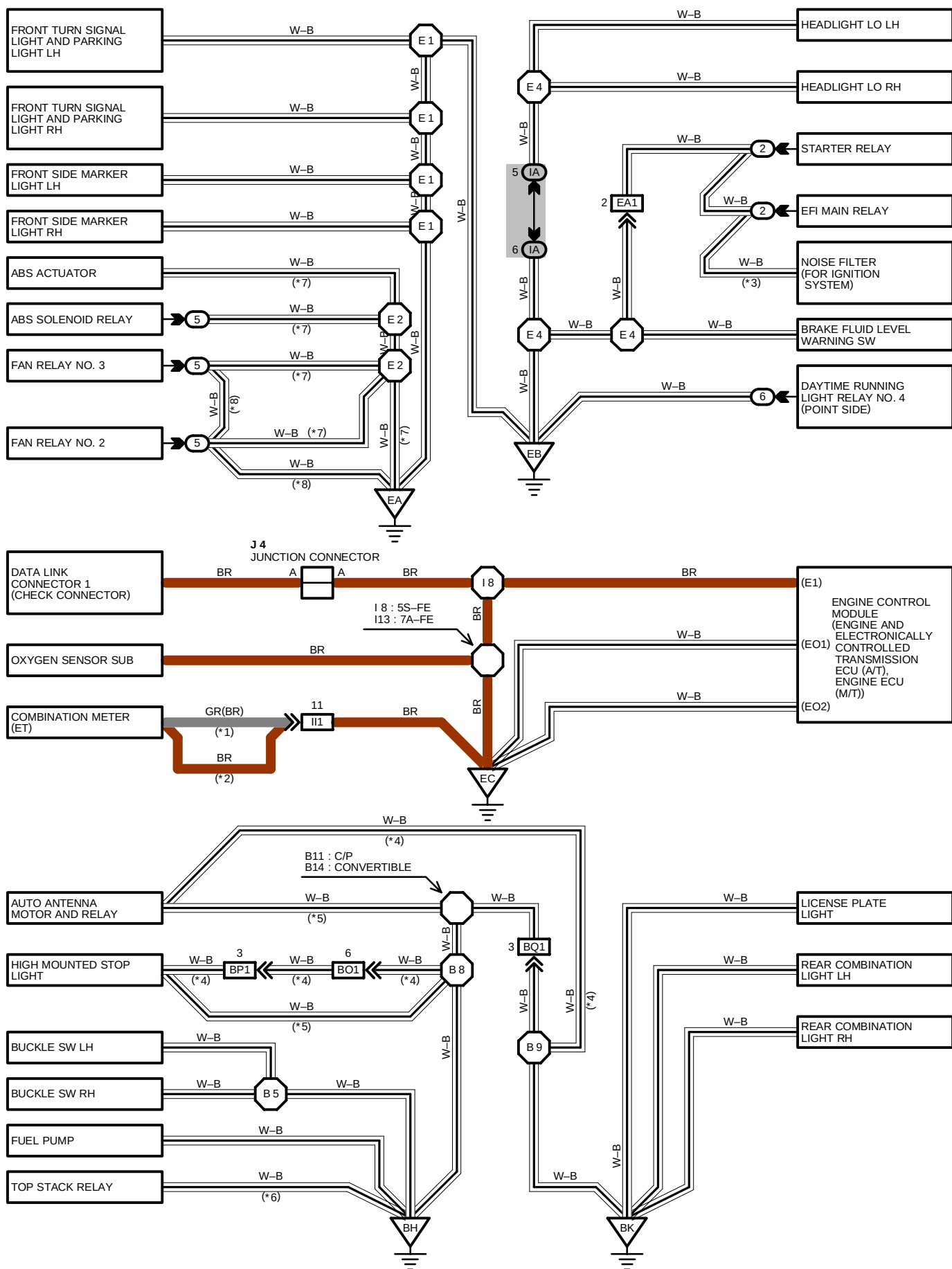
POWER SOURCE (Current Flow Chart)

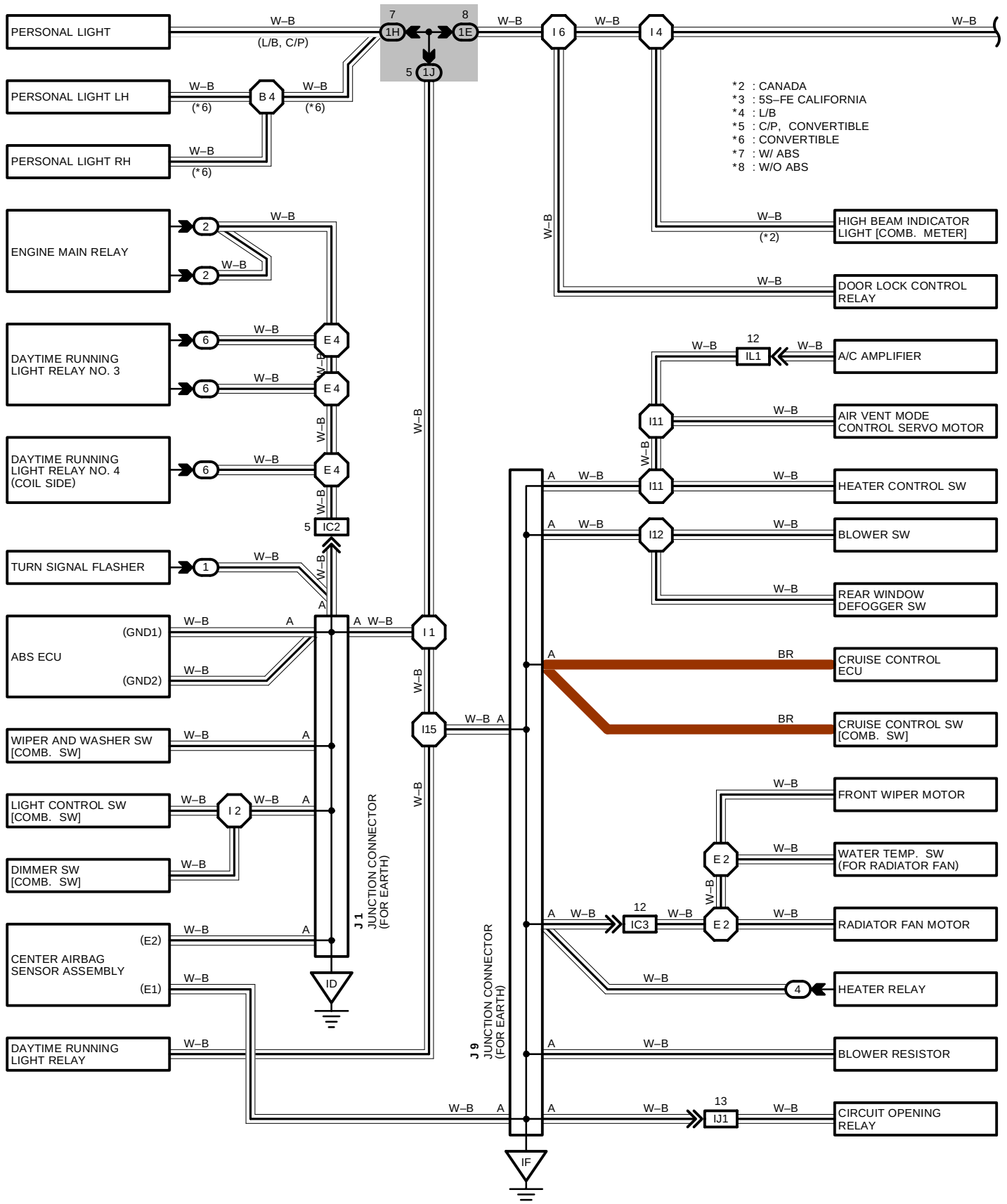
Location			*Page Nos. of Related Systems		202	202	171	66 70 76 86	206	206	160	160	202	202	202	202	98	98	98	98
					Fan Relay No. 1 (Coil Side)	Fan Relay No. 1 (Point Side)	Horn Relay	Starter Relay (Coil Side)	Heater Relay (Coil Side)	A/C Magnetic Clutch Relay	ABS Motor Relay (Point Side)	ABS Solenoid Relay (Point Side)	Fan Relay No. 2 (Coil Side)	Fan Relay No. 2 (Point Side)	Fan Relay No. 3 (Coil Side)	Fan Relay No. 3 (Point Side)	Daytime Running Light Relay No. 3 (Coil Side)	Daytime Running Light Relay No. 3 (Point Side)	Daytime Running Light Relay No. 4 (Coil Side)	Daytime Running Light Relay No. 4 (Point Side)
			Parts	Code or Location																
			CB or Fuse	③			④		⑤						⑥					
①	30A	DOOR																		
	30A	POWER																		
	20A	WIPER																		
	15A	CIG & RAD																		
	15A	ECU-IG	●										●							
	15A	STOP																		
	15A	TAIL																		
	10A	GAUGE										●								
	10A	HTR					●		●						●					
	10A	MIR-HTR																		
	10A	TURN																		
	7.5A	IGN																		
	7.5A	PANEL																		
	7.5A	ST					●													
③	50A	ABS								●	●									
	30A	CDS			●									●		●				
	30A	RDI																		
	20A	RADIO NO. 1																		
	15A	ECU-B																		
	15A	EFI																		
	15A	HEAD (LH) (USA)																		
	15A	HEAD (RH) (USA)																		
	15A	HEAD (LH) (CANADA)																		
	15A	HEAD (RH) (CANADA)																		
	10A	DOME																		
	10A	HAZARD																		
	7.5A	ALT-S																		
	7.5A	HORN					●													
7.5A	SRS WRN																			
④	10A	A/C																		
⑥	15A	HEAD HI (LH) (CANADA)																	●	●
	15A	HEAD HI (RH) (CANADA)																●		●
	7.5A	DRL															●		●	

* These are the page numbers of the first page on which the related system is shown.
The part indicated is located somewhere in the system, not necessarily on the page indicated here.

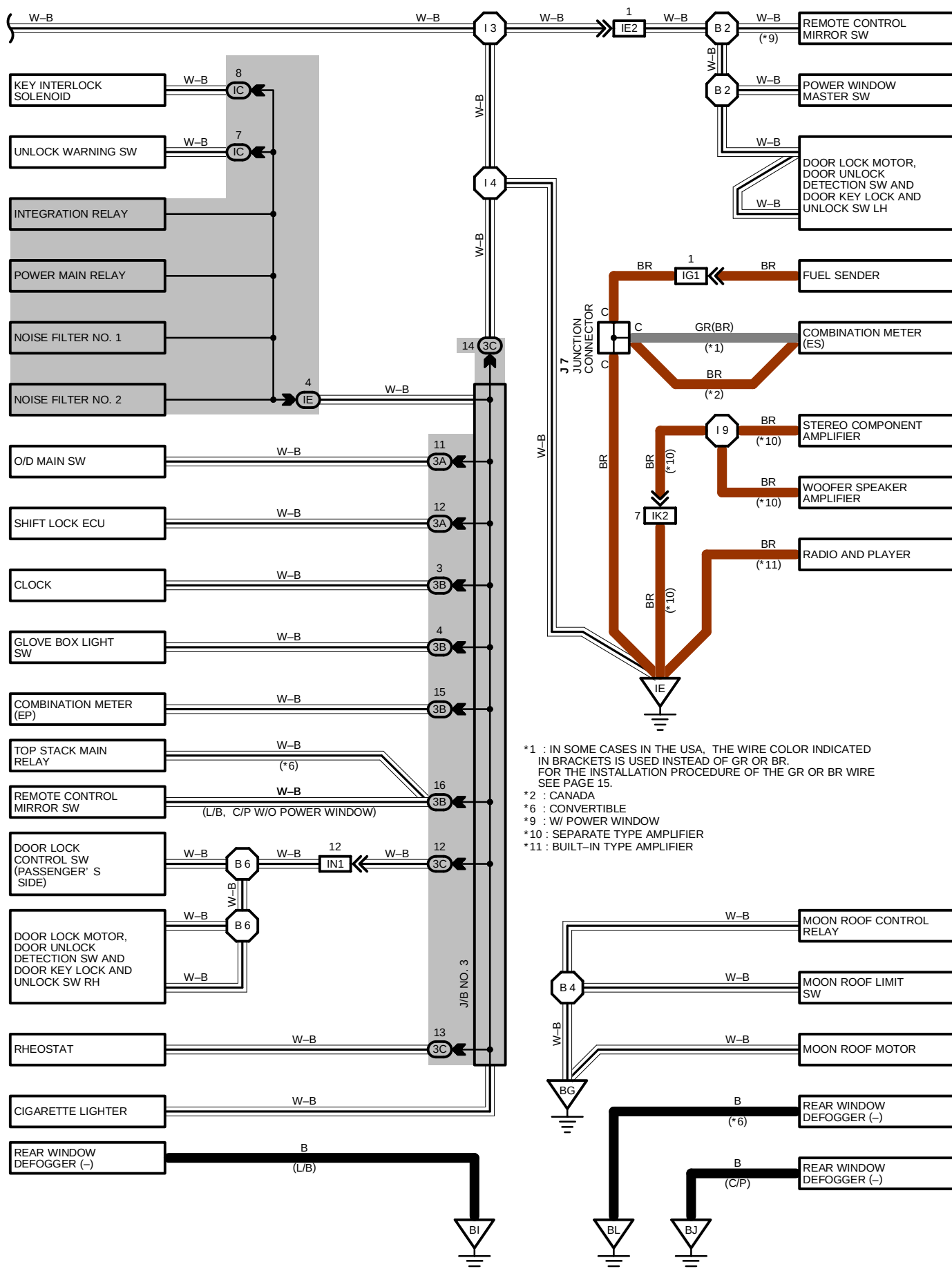
[LOCATION] (1) : Inpane J/B (See page 20) (2) : R/B No. 1 (See page 25) (3) : R/B No. 2, J/B No. 2 (See page 26)
(4) : R/B No. 4 (See page 25) (5) : R/B No. 5 (See page 27) (6) R/B No. 6 (See page 27)

GROUND POINT





GROUND POINT



 : PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
J 1	33	J 7	33		
J 4	33	J 9	33		

 : RELAY BLOCKS

CODE	SEE PAGE	RELAY BLOCKS (RELAY BLOCK LOCATION)
1	25	LEFT KICK PANEL
2	26	ENGINE COMPARTMENT LEFT
4	25	RIGHT KICK PANEL
5	27	ENGINE COMPARTMENT FRONT RIGHT
6	27	ENGINE COMPARTMENT FRONT LEFT

 : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

CODE	SEE PAGE	JUNCTION BLOCK AND WIRE HARNESS (CONNECTOR LOCATION)
IA	20	ENGINE ROOM MAIN WIRE AND INPANE J/B (LEFT KICK PANEL)
IC	20	INSTRUMENT PANEL WIRE AND INPANE J/B (LEFT KICK PANEL)
IE		
1E	22	INSTRUMENT PANEL WIRE AND J/B NO. 1 (LEFT KICK PANEL)
1H	22	ROOF WIRE AND J/B NO. 1 (LEFT KICK PANEL)
1J	22	COWL WIRE AND J/B NO. 1 (LEFT KICK PANEL)
3A	24	INSTRUMENT PANEL WIRE AND J/B NO. 3 (BEHIND THE INSTRUMENT PANEL CENTER)
3B		
3C		

 : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

CODE	SEE PAGE	JOINING WIRE HARNESS AND WIRE HARNESS (CONNECTOR LOCATION)
EA1	38 (5S-FE) 40 (7A-FE)	ENGINE WIRE AND ENGINE ROOM MAIN WIRE (INSIDE OF R/B NO. 2)
IC2	42	ENGINE ROOM MAIN WIRE AND COWL WIRE (LEFT KICK PANEL)
IC3	42	ENGINE ROOM MAIN WIRE AND COWL WIRE (INSIDE OF R/B NO. 4)
IE2	42	FRONT DOOR LH WIRE AND INSTRUMENT PANEL WIRE (LEFT KICK PANEL)
IG1	42	INSTRUMENT PANEL WIRE AND FLOOR WIRE (LEFT KICK PANEL)
II1	44	ENGINE WIRE AND INSTRUMENT PANEL WIRE (NEAR THE ENGINE CONTROL MODULE)
IJ1	44	ENGINE WIRE AND COWL WIRE (INSTRUMENT PANEL CENTER)
IK2	44	INSTRUMENT PANEL WIRE AND FLOOR NO. 3 WIRE (BEHIND THE RADIO AND PLAYER)
IL1	44	COWL WIRE AND A/C SUB WIRE (UPPER THE A/C UNIT)
IN1	44	FRONT DOOR RH WIRE AND INSTRUMENT PANEL WIRE (RIGHT KICK PANEL)
BO1	46 (L/B)	BACK DOOR NO. 1 WIRE AND FLOOR WIRE (BACK DOOR UPPER LEFT)
BP1	46 (L/B)	BACK DOOR NO. 2 WIRE AND BACK DOOR NO.1 WIRE (BACK DOOR UPPER LEFT)
BQ1	46 (L/B)	FLOOR WIRE AND LUGGAGE ROOM WIRE (LUGGAGE ROOM LEFT)
	48 (C/P)	
	50 (CONVERTIBLE)	

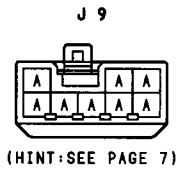
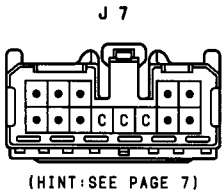
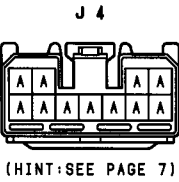
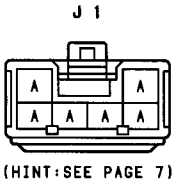
 : GROUND POINTS

CODE	SEE PAGE	GROUND POINTS LOCATION
EA	38 (5S-FE)	FRONT SIDE OF RIGHT FENDER
	40 (7A-FE)	
EB	38 (5S-FE)	FRONT SIDE OF LEFT FENDER
	40 (7A-FE)	
EC	38 (5S-FE)	INTAKE MANIFOLD
	40 (7A-FE)	
ID	42	LEFT KICK PANEL
IE	42	INSTRUMENT PANEL BRACE LH
IF	42	R/B NO.4 SET BOLT
BG	46 (L/B)	ROOF LEFT
	48 (C/P)	
BH	46 (L/B)	UNDER THE LEFT CENTER PILLAR
	48 (C/P)	
	50 (CONVERTIBLE)	
BI	46 (L/B)	BACK DOOR RIGHT
BJ	48 (C/P)	RIGHT REAR PILLAR
BK	46 (L/B)	BACK DOOR CENTER
	48 (C/P)	
	50 (CONVERTIBLE)	
BL	50 (CONVERTIBLE)	ROOM PARTITION PANEL

GROUND POINT

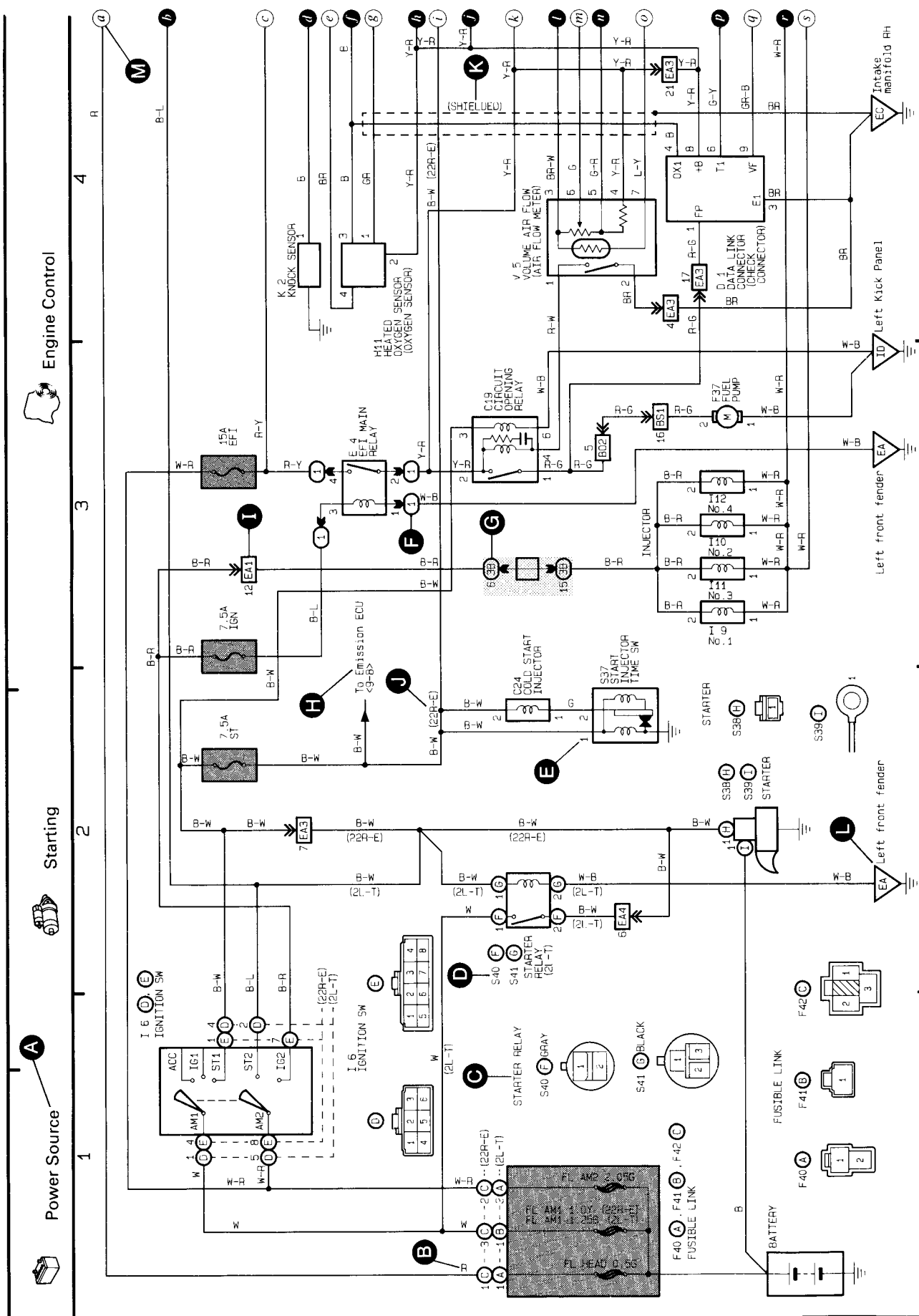
 : SPLICE POINTS

CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS	CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS
E 1	38 (5S-FE)	ENGINE ROOM MAIN WIRE	B 2	46 (L/B)	FRONT DOOR LH WIRE
	40 (7A-FE)			48 (C/P)	
E 2	38 (5S-FE)			50 (CONVERTIBLE)	
	40 (7A-FE)		B 4	46 (L/B)	ROOF WIRE
E 4	38 (5S-FE)			48 (C/P)	
	40 (7A-FE)			50 (CONVERTIBLE)	
I 1	44	COWL WIRE	B 5	46 (L/B)	FLOOR WIRE
I 2				48 (C/P)	
I 3				50 (CONVERTIBLE)	
I 4	44	INSTRUMENT PANEL WIRE	B 6	46 (L/B)	FRONT DOOR RH WIRE
I 6				48 (C/P)	
I 8				50 (CONVERTIBLE)	
I 9	44	ENGINE WIRE	B 8	46 (L/B)	FLOOR WIRE
I 11	44	FLOOR NO. 3 WIRE		48 (C/P)	
I 12		B 9	COWL WIRE	46 (L/B)	LUGGAGE ROOM WIRE
I 13	44	ENGINE WIRE	B11	48 (C/P)	FLOOR WIRE
I 15	44	COWL WIRE	B14	50 (CONVERTIBLE)	



HOW TO USE THIS MANUAL

*** The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the wiring diagram section.**



A: System Title

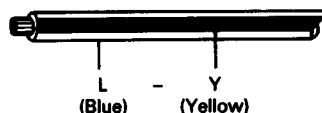
B: Indicates the wiring color.

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

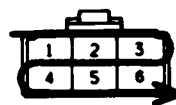


C: Indicates the connector to be connected to a part (the numeral indicates the pin No.)

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

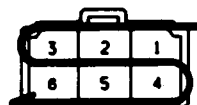
E: Indicates the pin number of the connector. The numbering system is different for female and male connectors.

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 connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts (different junction blocks are shaded differently for further clarification.).

Example:

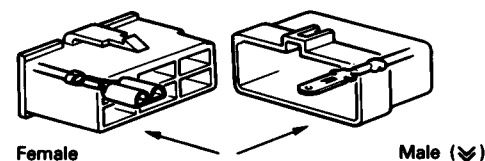


3B indicates that it is inside Junction Block No. 3.

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

SYSTEMS	LOCATION	SYSTEMS	LOCATION	SYSTEMS	LOCATION
ABS (Anti-Lock Brake System)	17-2	Front Wiper and Washer	11-2	Rear Wiper and Washer	11-3
Air Conditioning	26-3	Headlight	4-2 (USA) 5-2 (Canada)	Remote Control Mirror	12-2
Auto Antenna	22-4	Horn	8-2	Shift Lock	9-2
Back-Up Light	10-2	Ignition	1-4	SRS (Supplemental Restraint System)	18-2
Charging	1-3	Illumination	7-2	Starting	1-2
Cigarette Lighter	15-3	Interior Light	6-2	Stop Light	10-3
Clock	15-4	Light Auto Turn Off	4-4	Taillight	8-2
Combination Meter	23-2	Moon Roof	15-2	Top Stack	24-2
Cruise Control	16-2	Power Source	1~26-1	Turn Signal and Hazard Warning Light	9-3
Door Lock Control	14-2	Power Window	13-2	Unlock and Seat Belt Warning	19-2
Electric Tension Reducer	24-4	Radiator Fan and Condenser Fan	25-2		
Electronically Controlled Transmission	20-2	Radio and Player	21-2 (Separate Type Amplifier) 22-2 (Built-In- Type Amplifier)		
Engine Control	2-2 (5S-FE) 3-2 (7A-FE)	Rear Window Defogger	19-3		

Power Source

Starting

Charging

Ignition

*1: In some cases in the USA, the wire color indicated in brackets is used instead of GR or BR.

*2: Canada

*3: California

*4: Except California

The diagram illustrates the electrical system for a vehicle, organized into four main functional areas:

- Power Source:** Shows the battery connected to the main power lines (W, B, GR, BR). It includes fuses for the main power (60A), alternator (100A), and starter (30A). The starter is connected to the starter relay and the starter motor.
- Starting:** Details the ignition switch (I12) and its connections to the ignition coil (IC), ignition gauge (IG), and the engine control module (ECU). It also shows the park/neutral position switch (P1) and the clutch start switch (C7).
- Charging:** Shows the generator (alternator) outputting to the battery and the charging warning light. It includes the generator control module (G1, G2) and the generator warning light (W-B).
- Ignition:** Details the ignition coil, distributor, and the engine control module (ECU). It shows the connections for the ignition coil, distributor, and the engine control module (ECU).

Notes at the top right specify wire color conventions for different regions:

- *1: In some cases in the USA, the wire color indicated in brackets is used instead of GR or BR.
- *2: Canada
- *3: California
- *4: Except California

OVERALL ELECTRICAL WIRING DIAGRAM

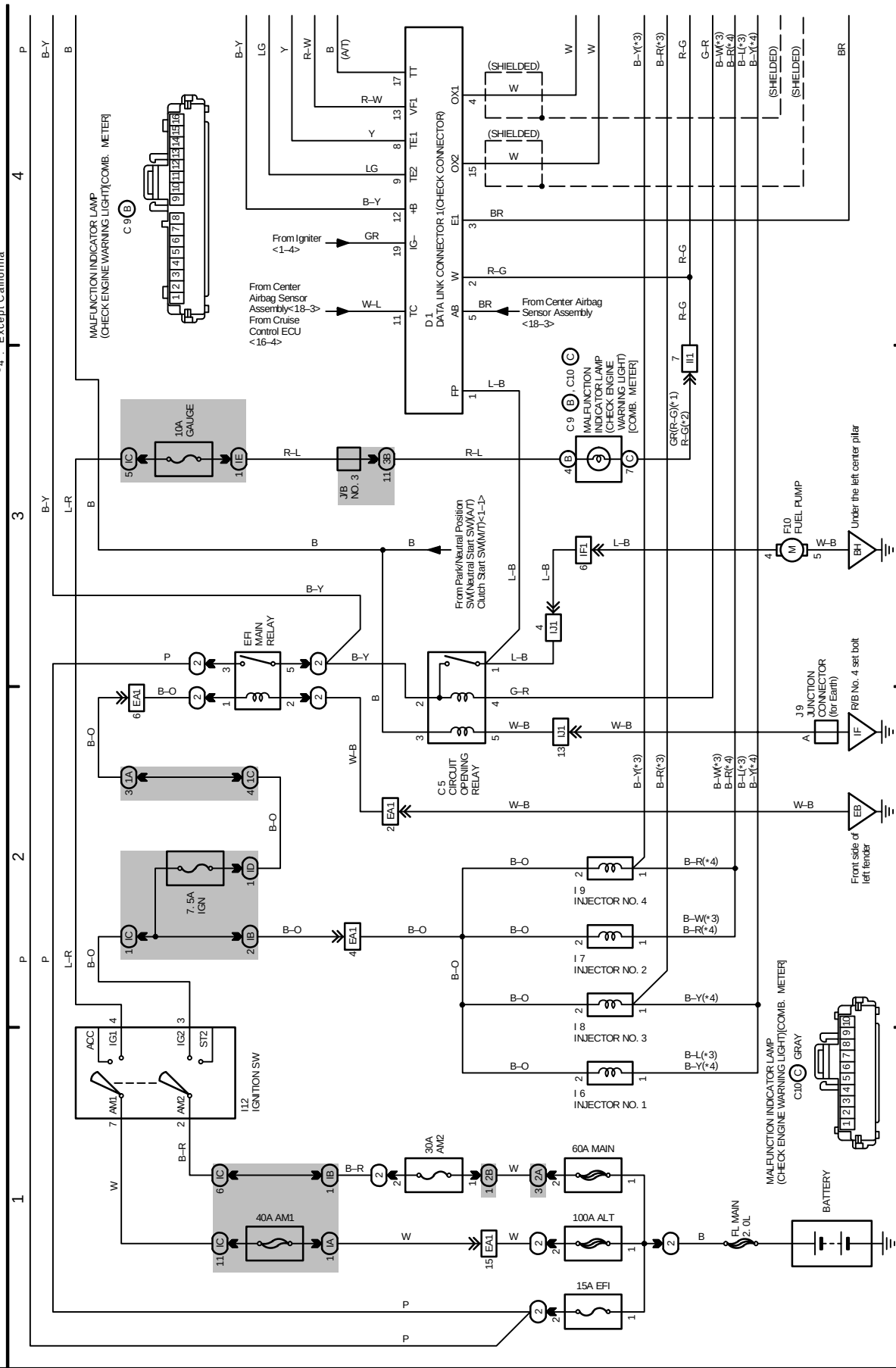
2 CELICA

(Cont. next page)

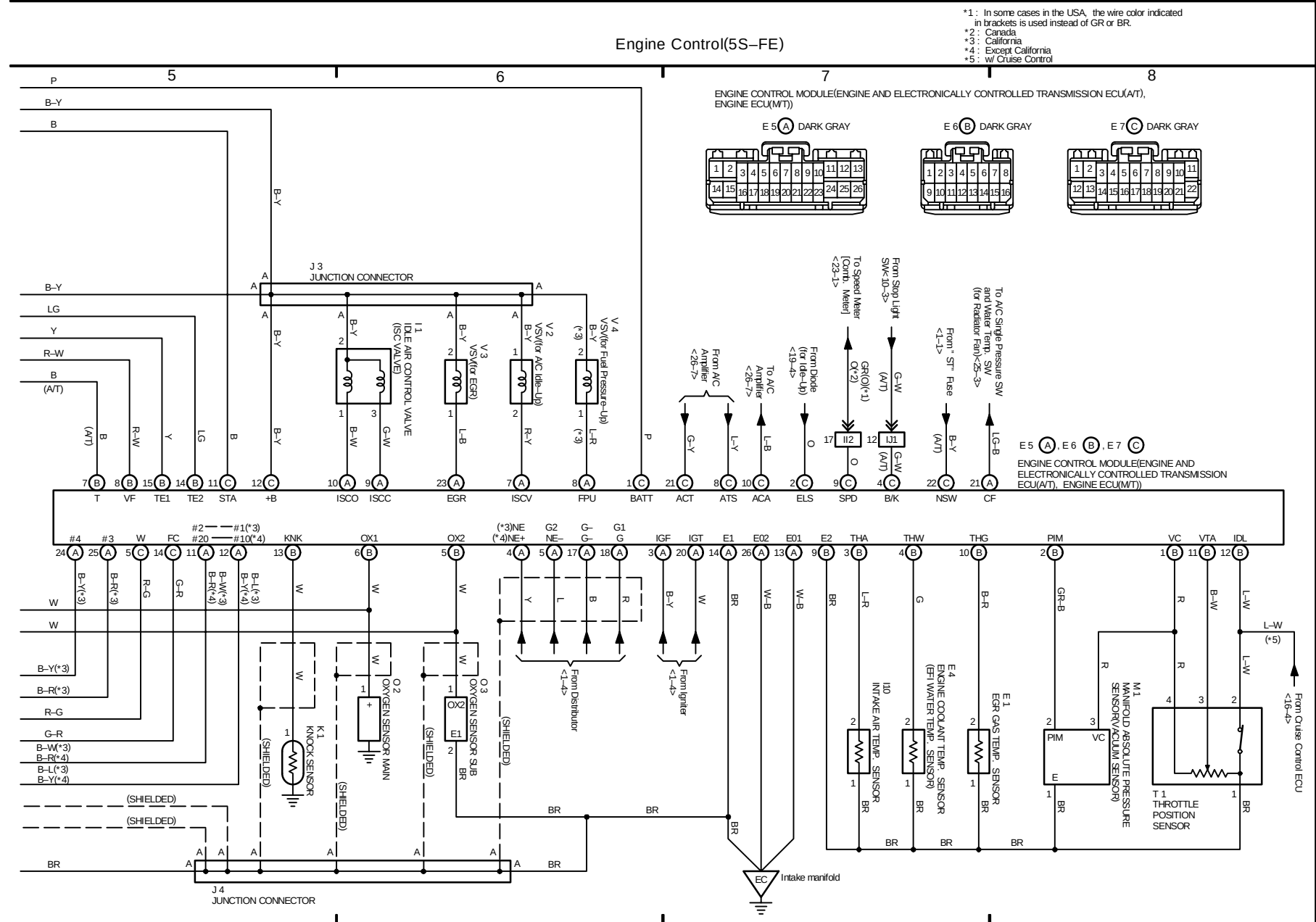
- *1 : In some cases in the USA, the wire color indicated in brackets is used instead of GR or BR.
 *2 : Canada
 *3 : Australia
 *4 : Except California

Engine Control(5S-FE)

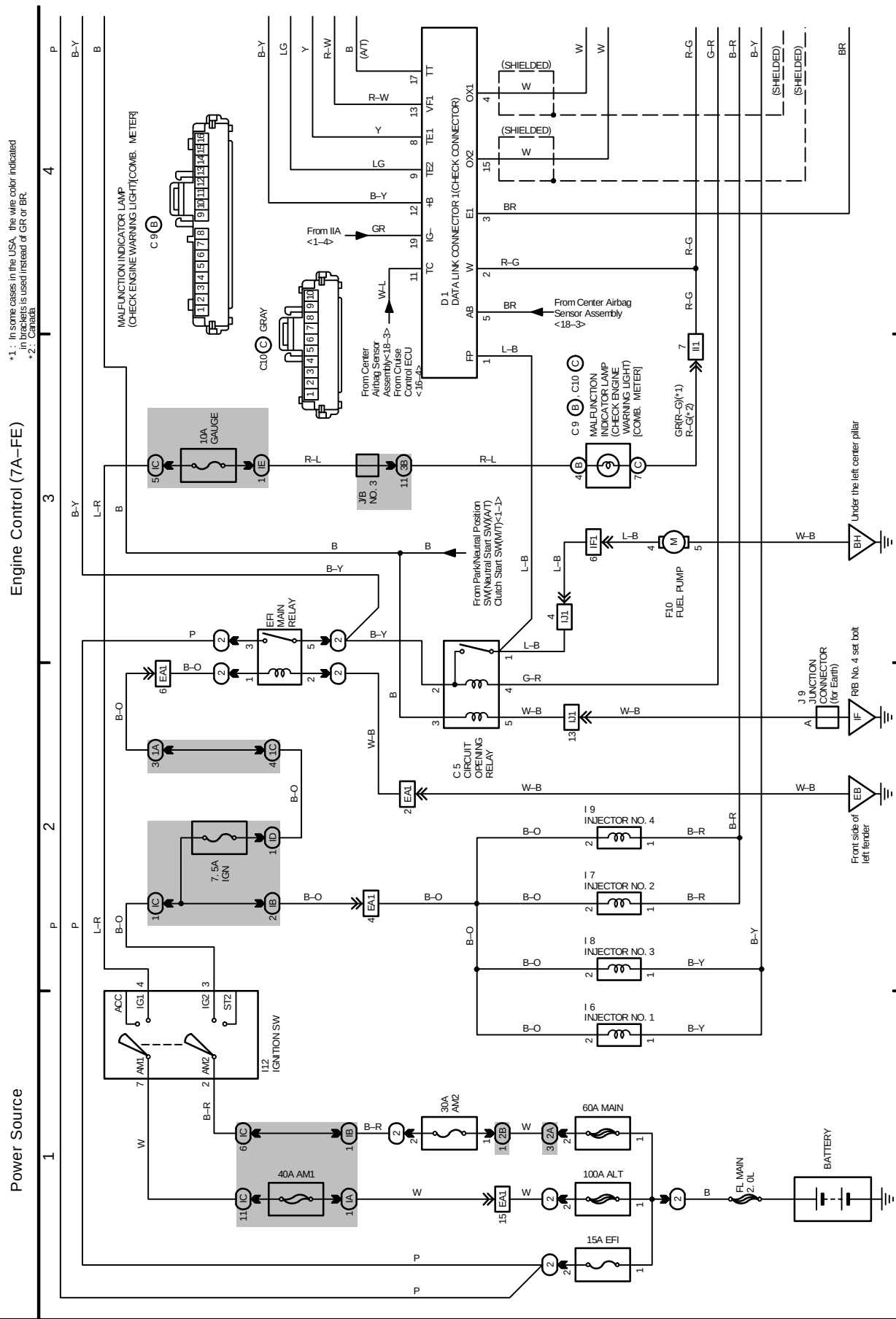
Power Source



2 CELICA (Cont 'd)



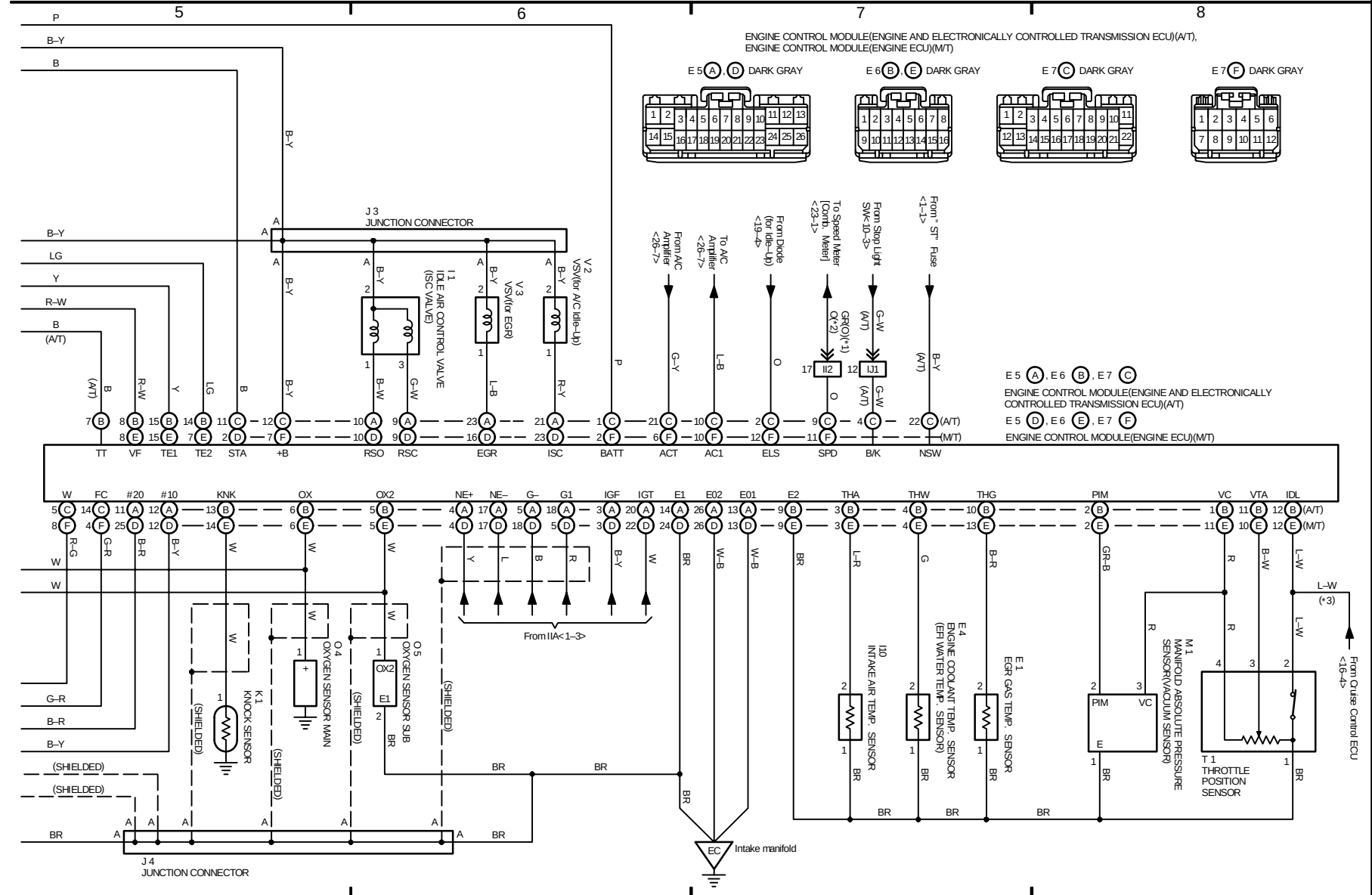
OVERALL ELECTRICAL WIRING DIAGRAM



3 CELICA (Cont' d)

Engine Control(7A-FE)

*1: In some cases in the USA, the wire color indicated in brackets is used instead of GR or BR.
 *2: Canada
 *3: w/ Cruise Control



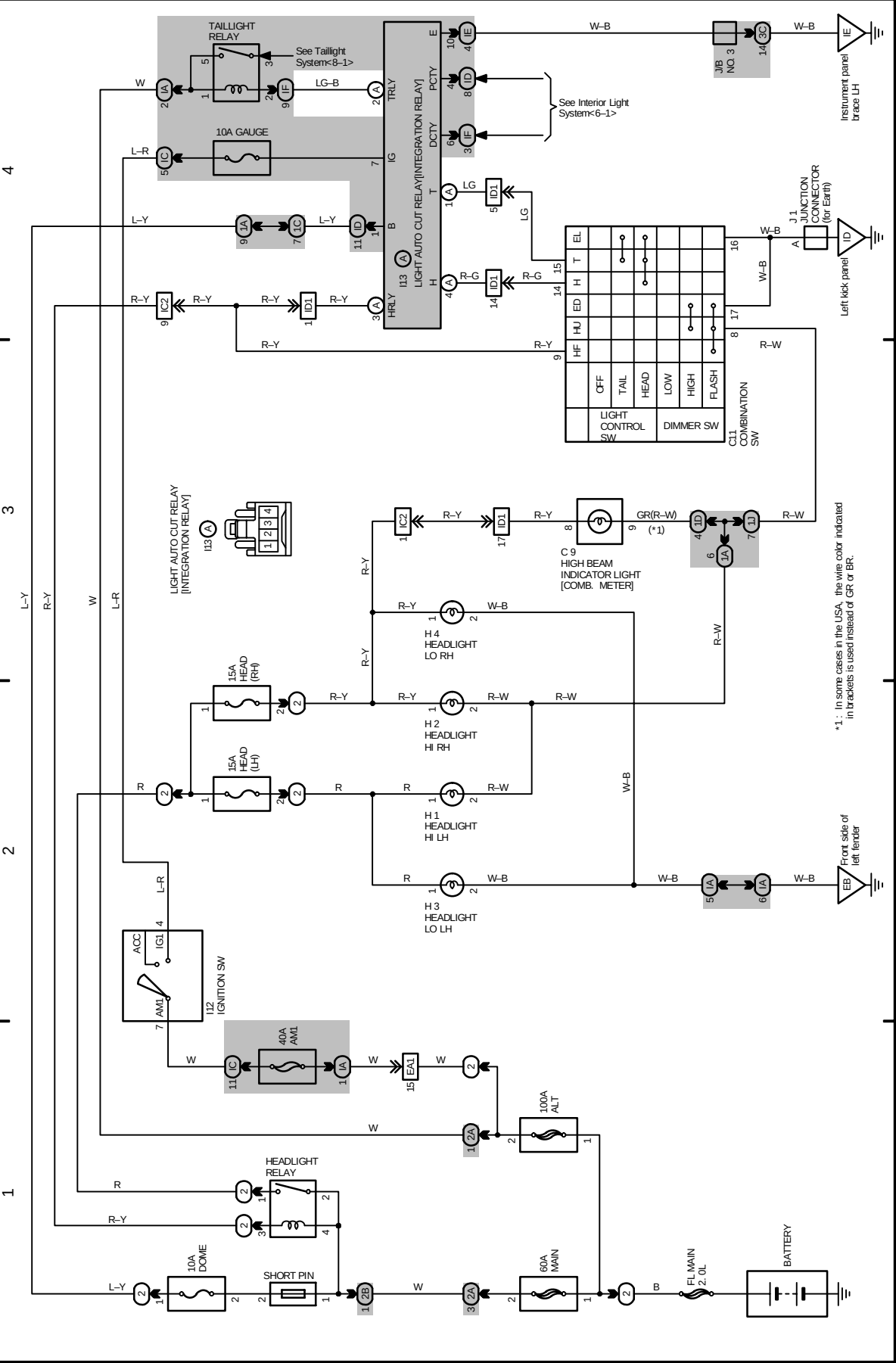
OVERALL ELECTRICAL WIRING DIAGRAM

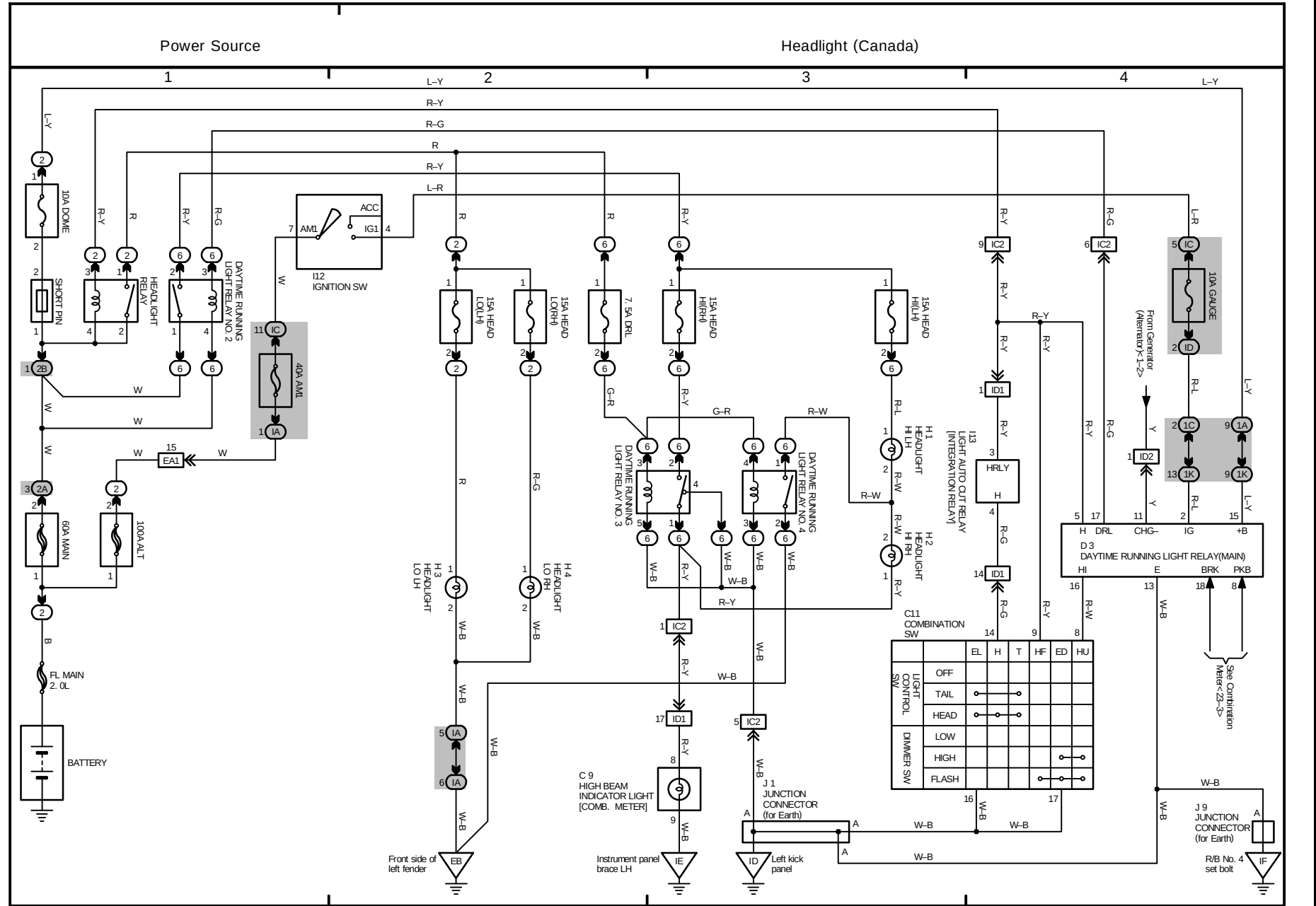
4 CELICA

Light Auto Turn Off

Headlight (USA)

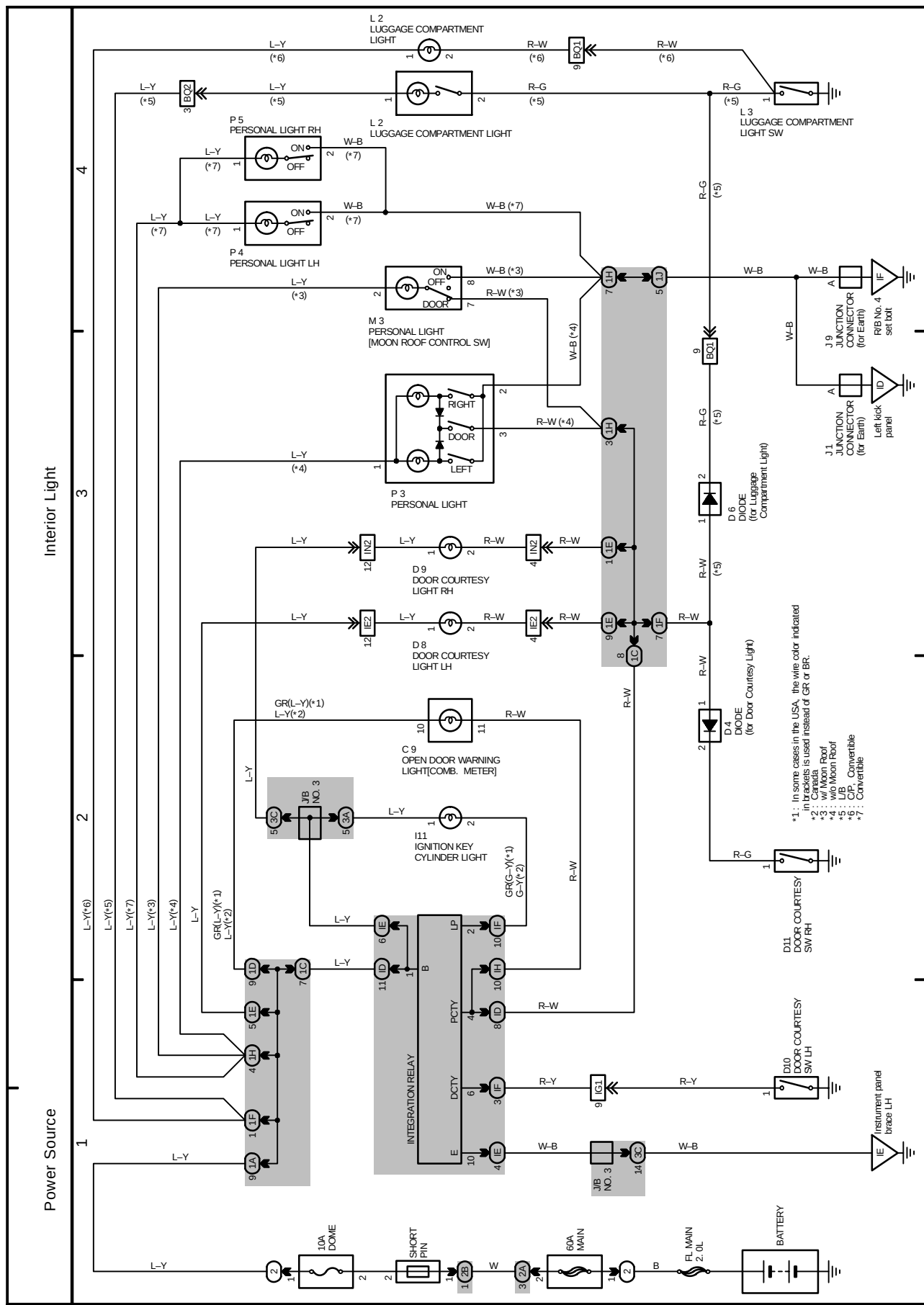
Power Source



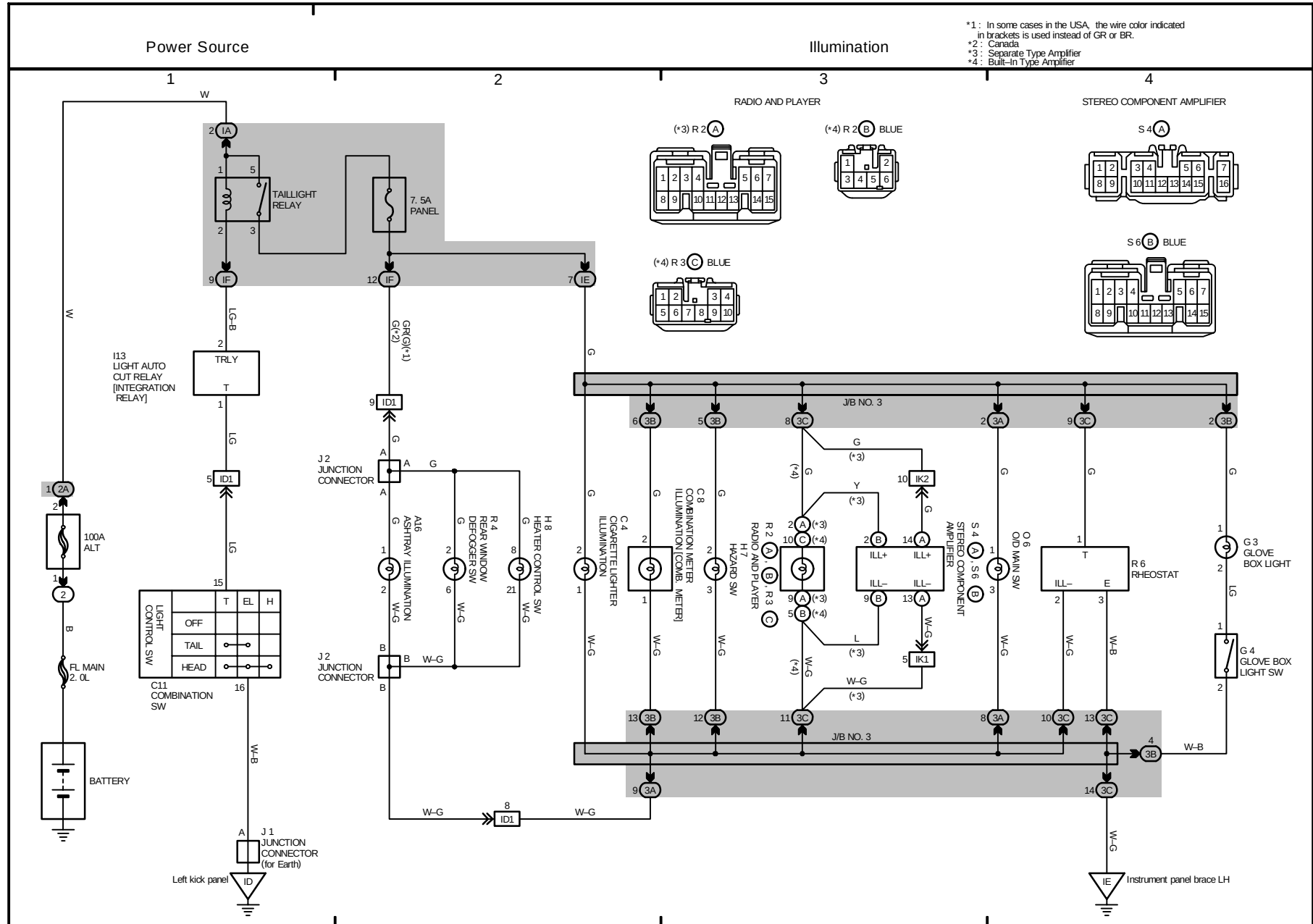
[illegible]

OVERALL ELECTRICAL WIRING DIAGRAM

6 CELICA



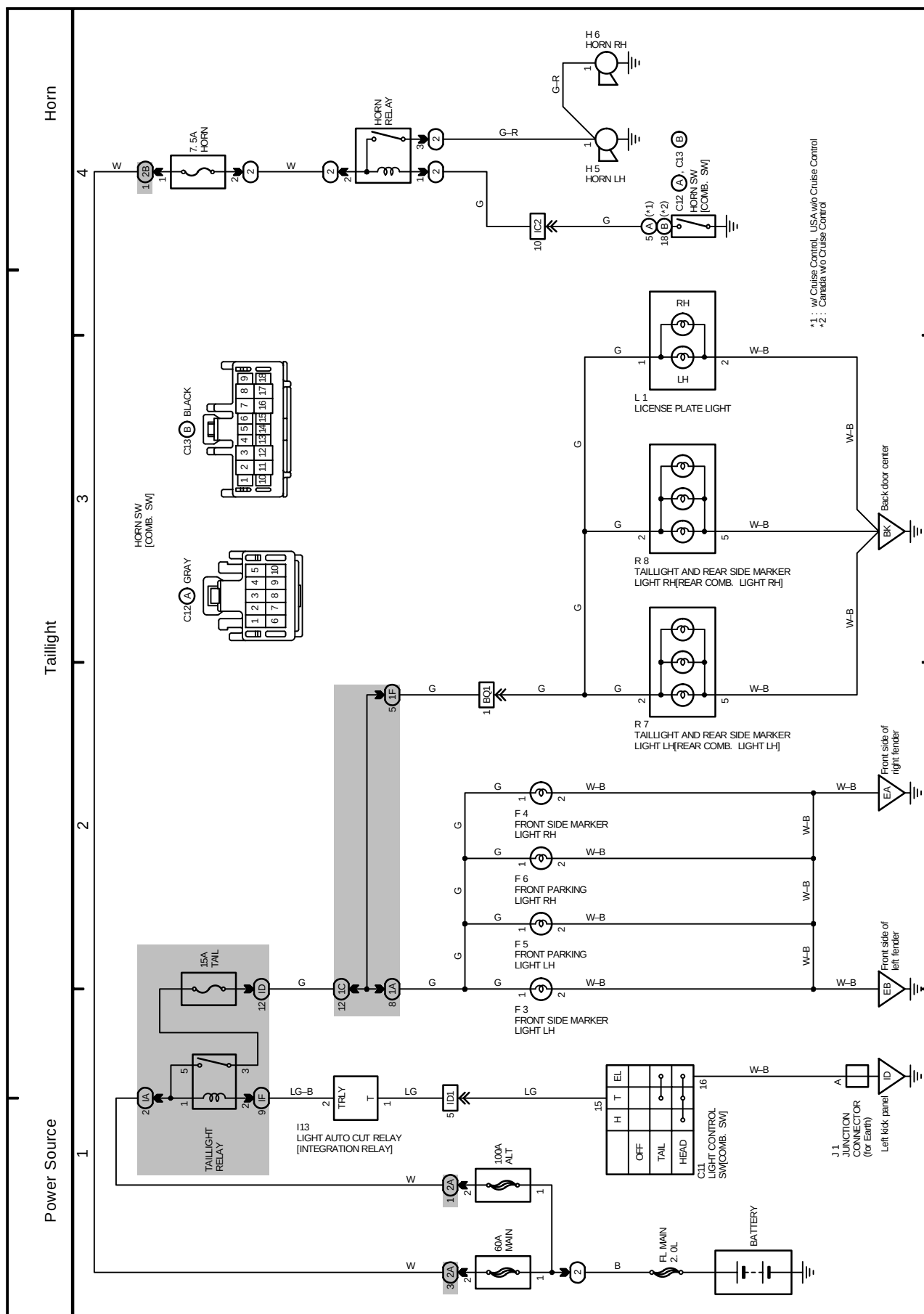
7 CELICA



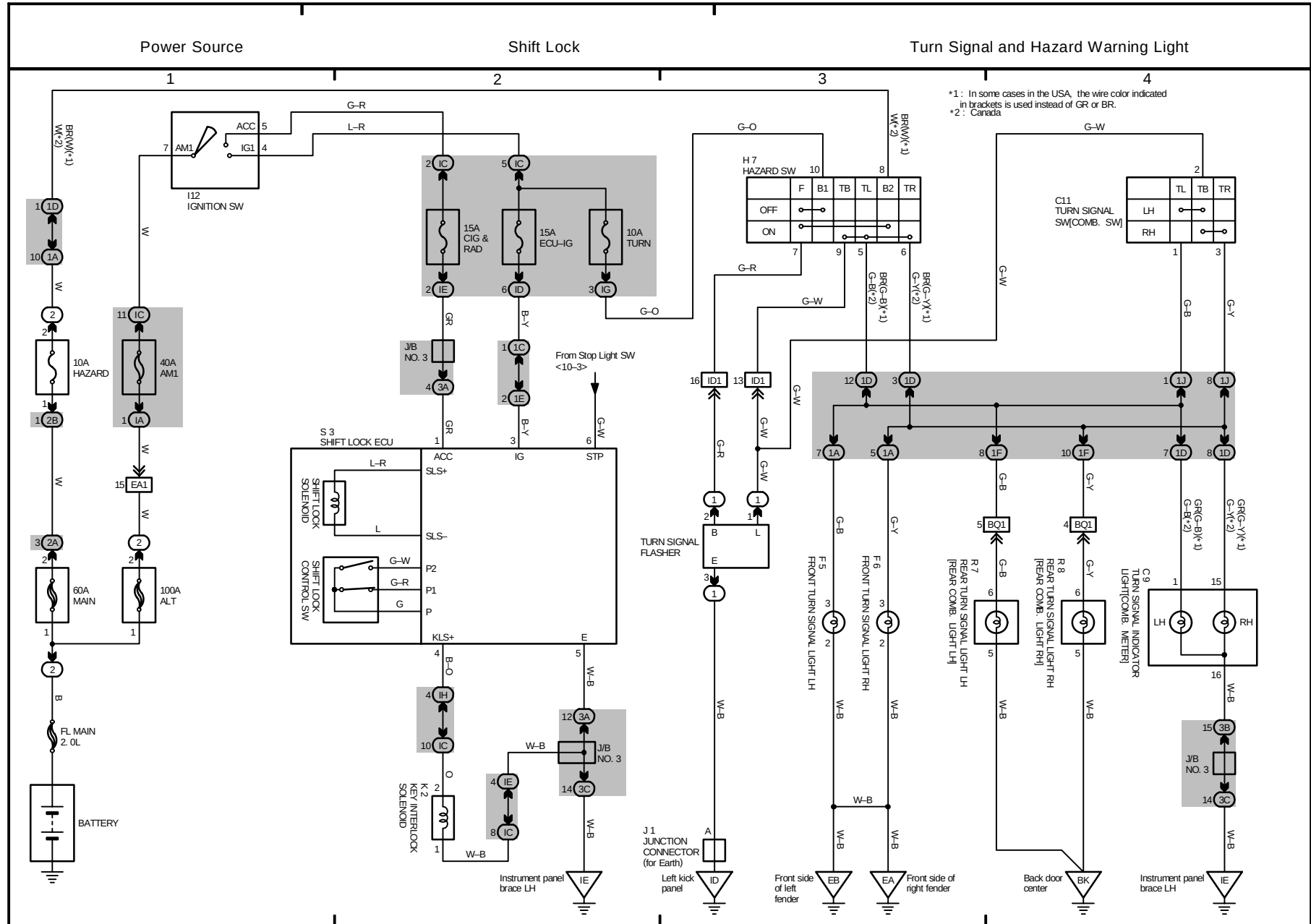
*1: In some cases in the USA, the wire color indicated in brackets is used instead of GR or BR.
 *2: Canada
 *3: Separate Type Amplifier
 *4: Built-in Type Amplifier

OVERALL ELECTRICAL WIRING DIAGRAM

8 CELICA

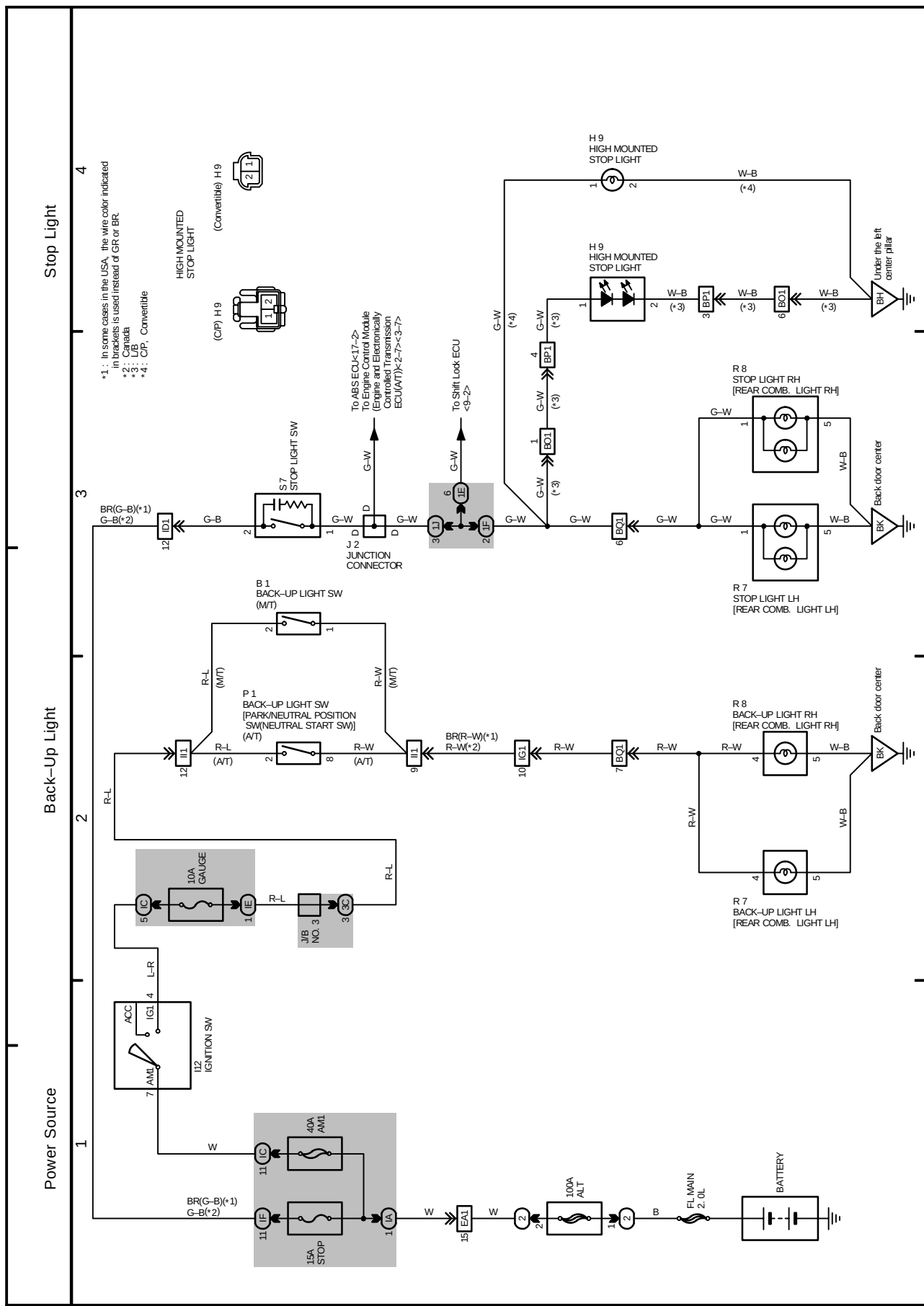


9 CELICA

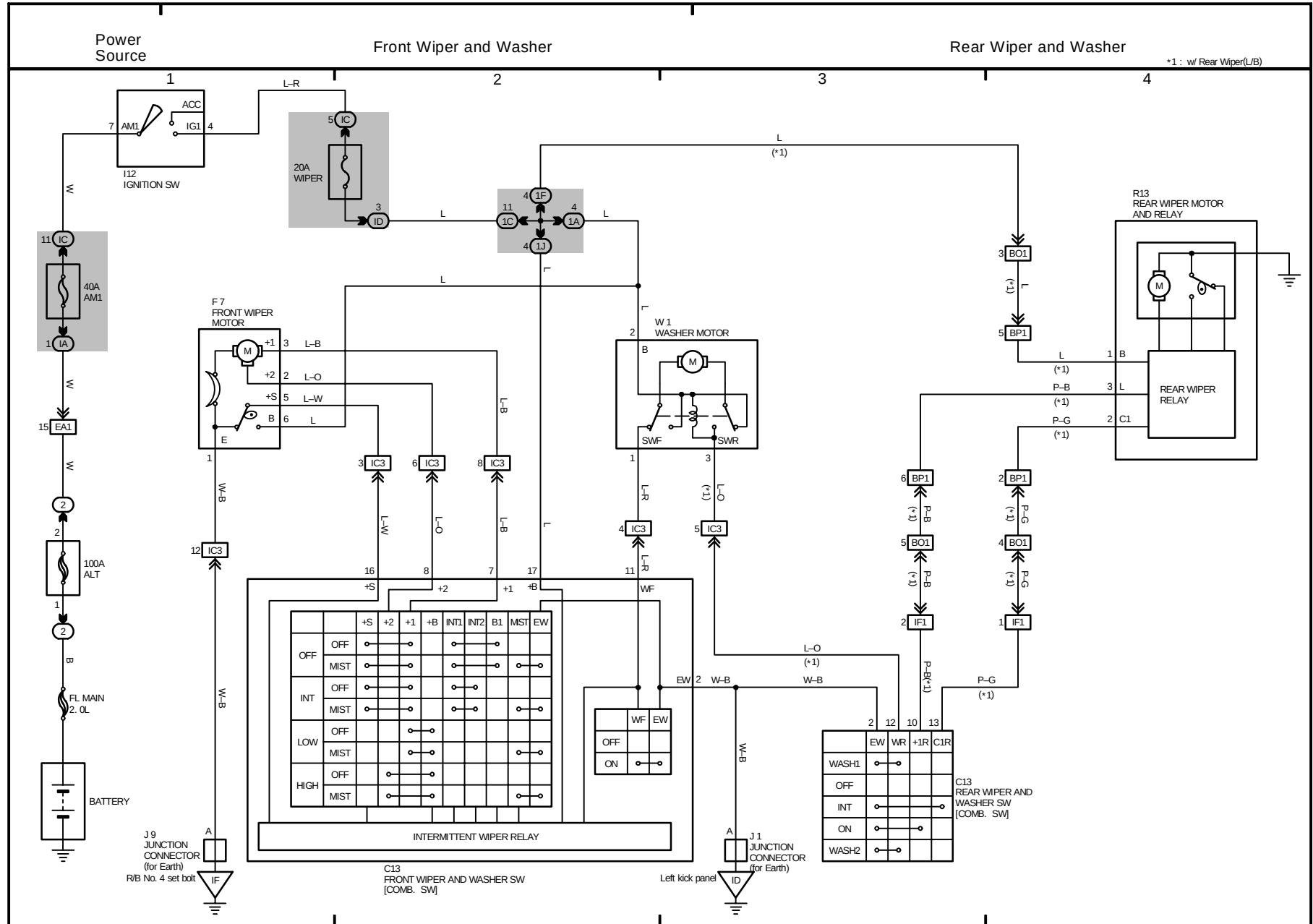


OVERALL ELECTRICAL WIRING DIAGRAM

10 CELICA



11 CELICA



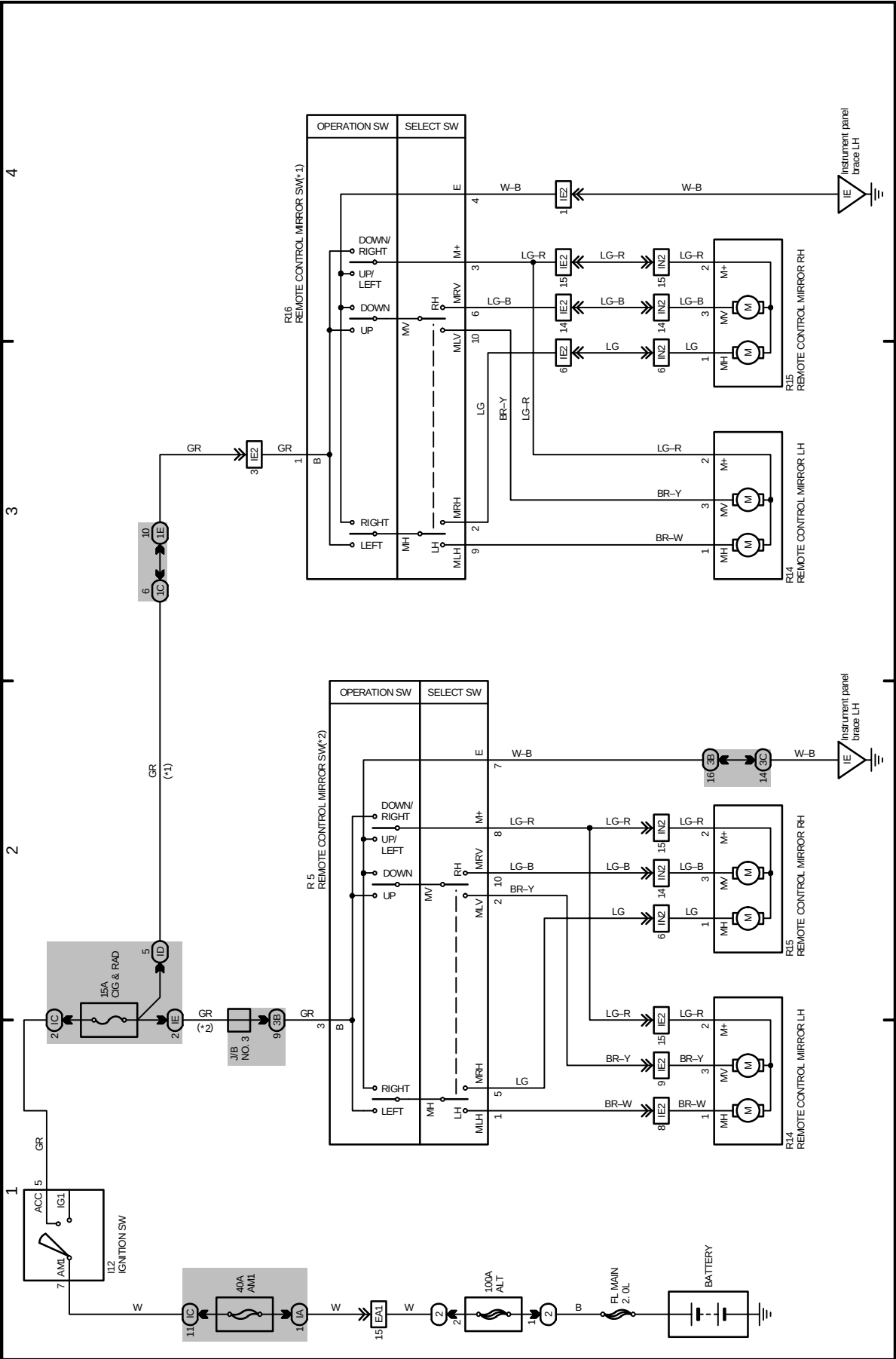
OVERALL ELECTRICAL WIRING DIAGRAM

12 CELICA

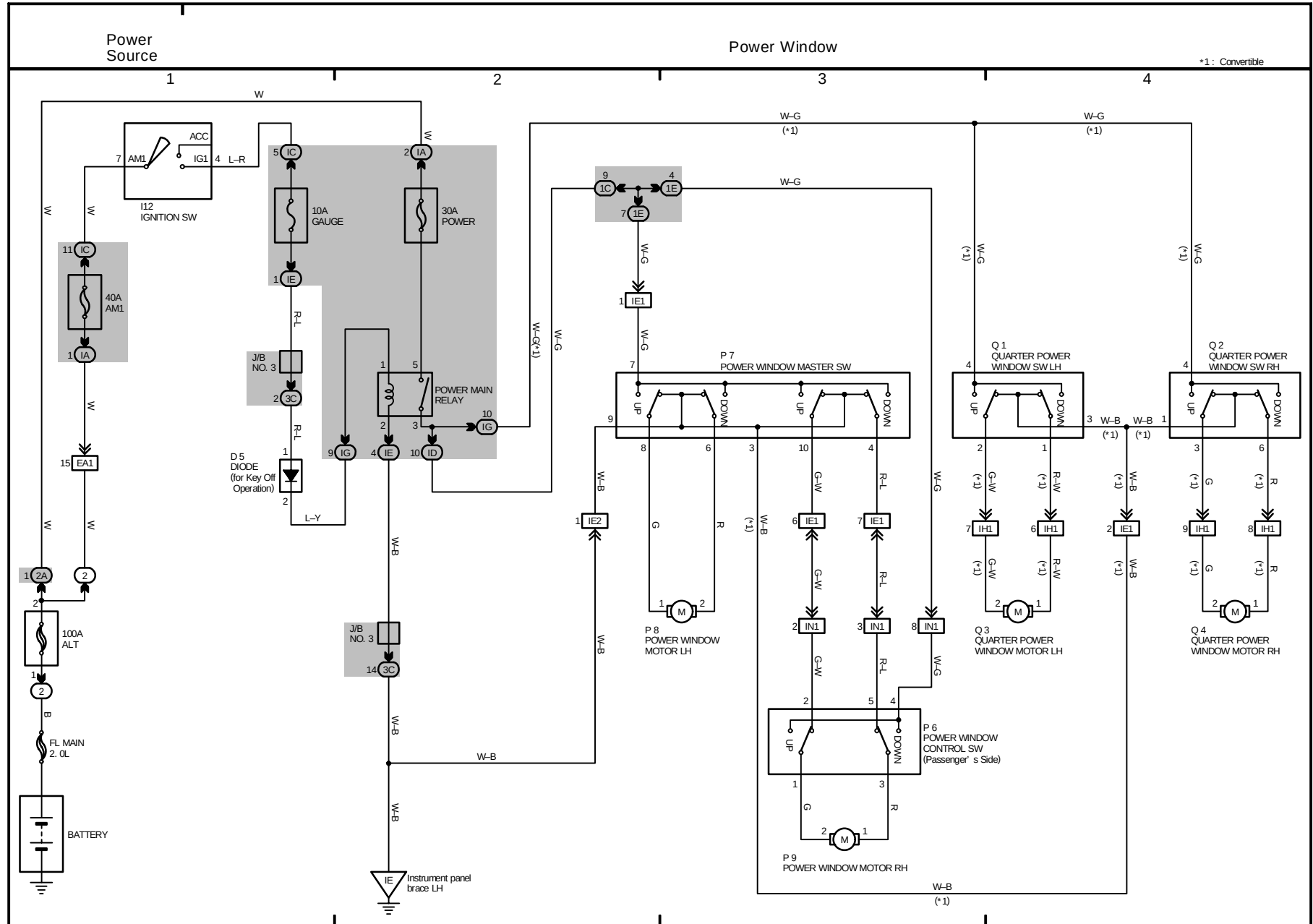
Power Source

Remote Control Mirror

+1.: w/ Power Window
+2.: w/o Power Window

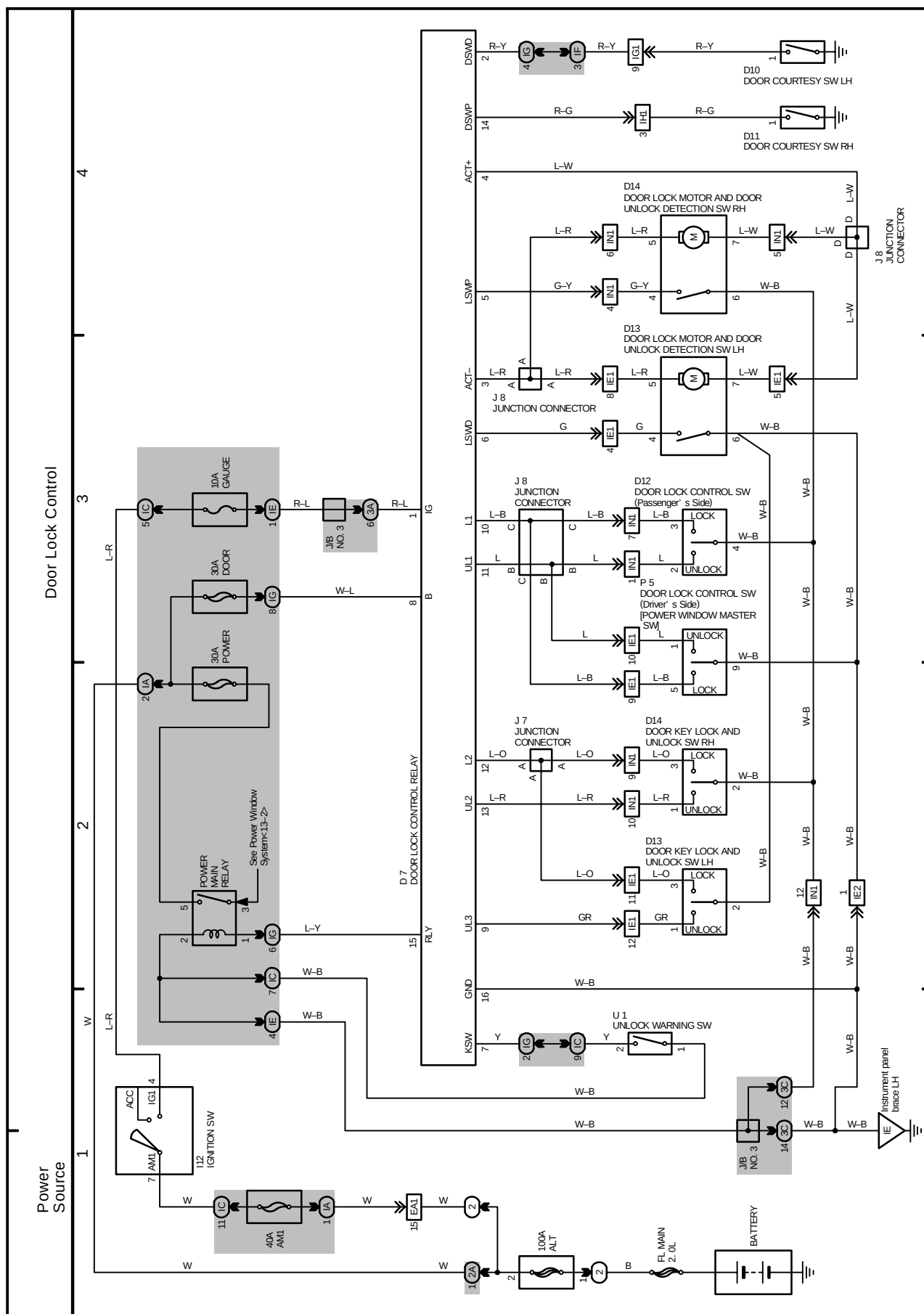


13 CELICA

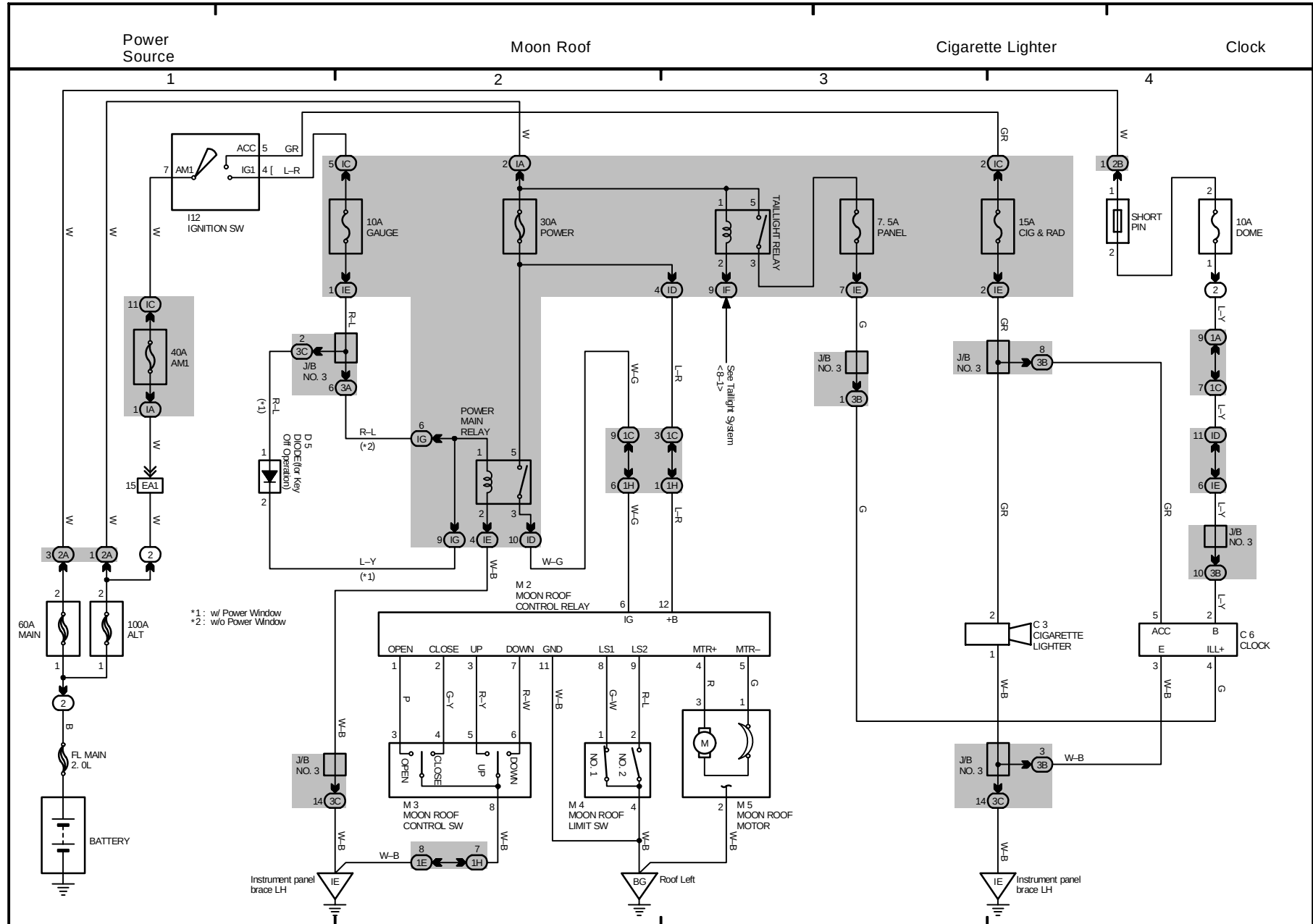


OVERALL ELECTRICAL WIRING DIAGRAM

14 CELICA



15 CELICA



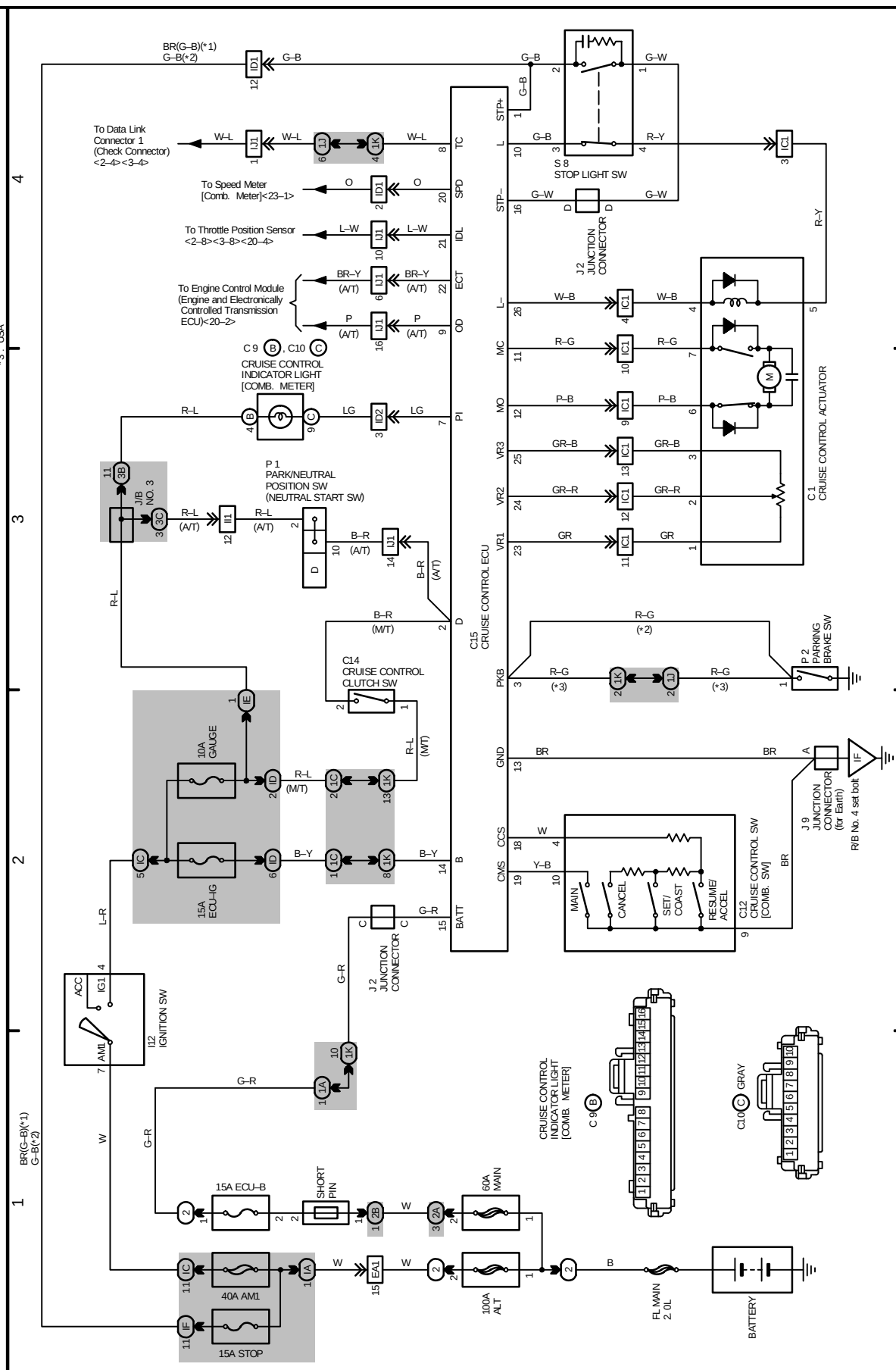
OVERALL ELECTRICAL WIRING DIAGRAM

16 CELICA

*1.: In some cases in the USA, the wire color indicated in brackets is used instead of GR or BR.
 *2.: Canada
 *3.: USA

Power Source

Cruise Control



Power Source

ABS (Anti-Lock Brake System)

*1: In some cases in the USA, the wire color indicated in brackets is used instead of GR or BR.
*2: Canada

The diagram illustrates the electrical connections for an ABS system. Key components and their connections include:

- Power Source:** Battery connected to the main power line (FL MAIN 2.0L) and the ABS ECU (15A ECU-B).
- ABS ECU:** Receives power from the battery and controls the ABS actuator and solenoid relay. It also interfaces with the ABS speed sensors and the ABS warning light.
- ABS Actuator:** Controls the brake pressure. It is connected to the ABS ECU and the ABS solenoid relay.
- ABS Solenoid Relay:** Controls the flow of brake fluid. It is connected to the ABS ECU and the ABS actuator.
- ABS Speed Sensors:** Monitor wheel speed. They are connected to the ABS ECU and the ABS actuator.
- ABS Warning Light:** Indicates a fault in the ABS system. It is connected to the ABS ECU and the ABS actuator.

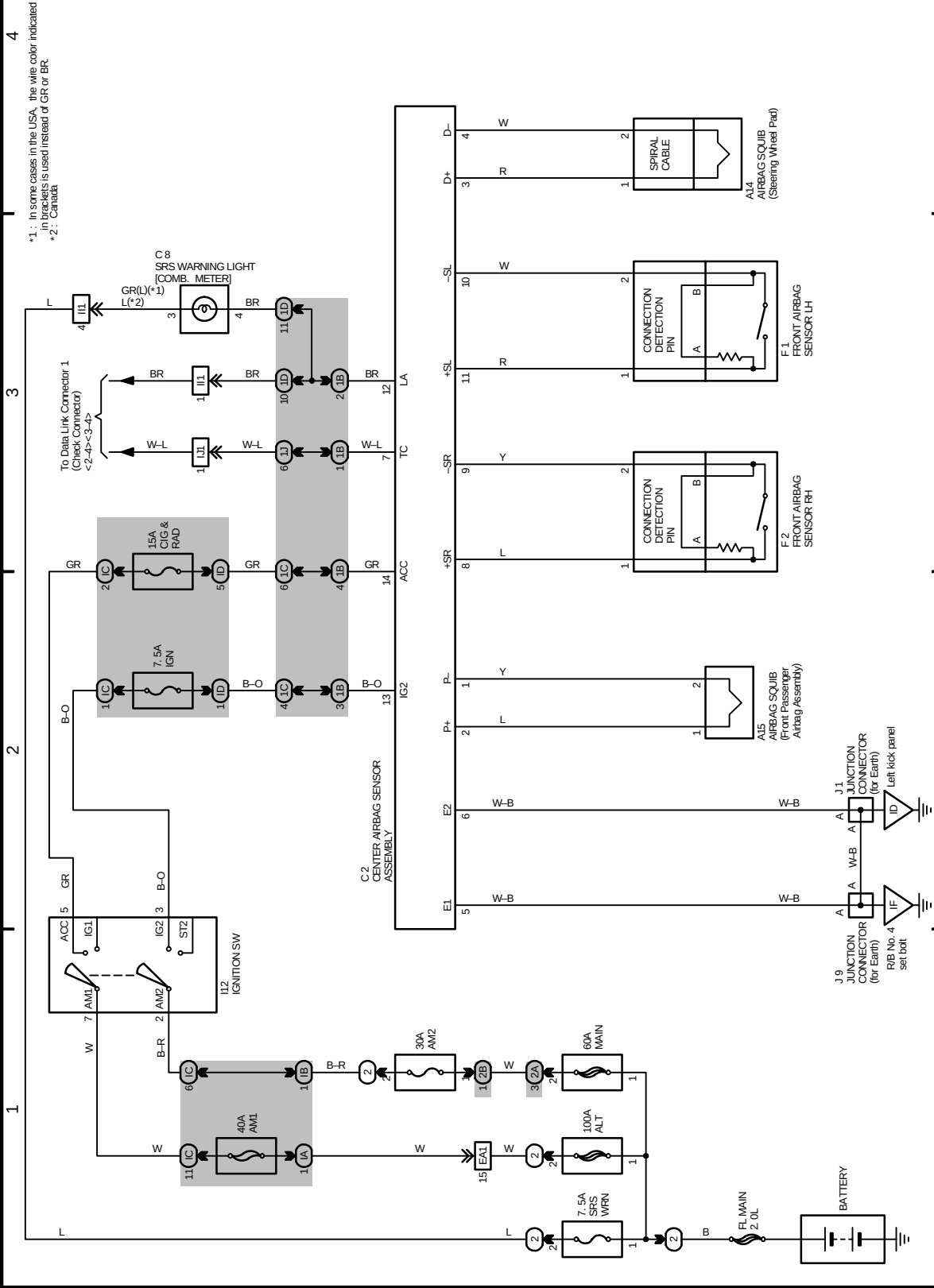
The diagram also shows the location of the ABS ECU and ABS actuator in the vehicle chassis, with labels for the front side of the right fender and the left kick panel.

OVERALL ELECTRICAL WIRING DIAGRAM

18 CELICA

Power Source

SRS (Supplemental Restraint System)



Power Source

1

2

3

4

Wiring diagram for the 1997-2000 Honda Civic EX 1.8i, showing the Power Source, Unlock and Seat Belt Warning, and Rear Window Defogger systems.

Power Source

1

2

3

4

Wiring diagram for the 1997-2000 Honda Civic EX 1.8i, showing the Power Source, Unlock and Seat Belt Warning, and Rear Window Defogger systems.

Unlock and Seat Belt Warning

1

2

3

4

Wiring diagram for the 1997-2000 Honda Civic EX 1.8i, showing the Power Source, Unlock and Seat Belt Warning, and Rear Window Defogger systems.

Rear Window Defogger

1

2

3

4

Wiring diagram for the 1997-2000 Honda Civic EX 1.8i, showing the Power Source, Unlock and Seat Belt Warning, and Rear Window Defogger systems.

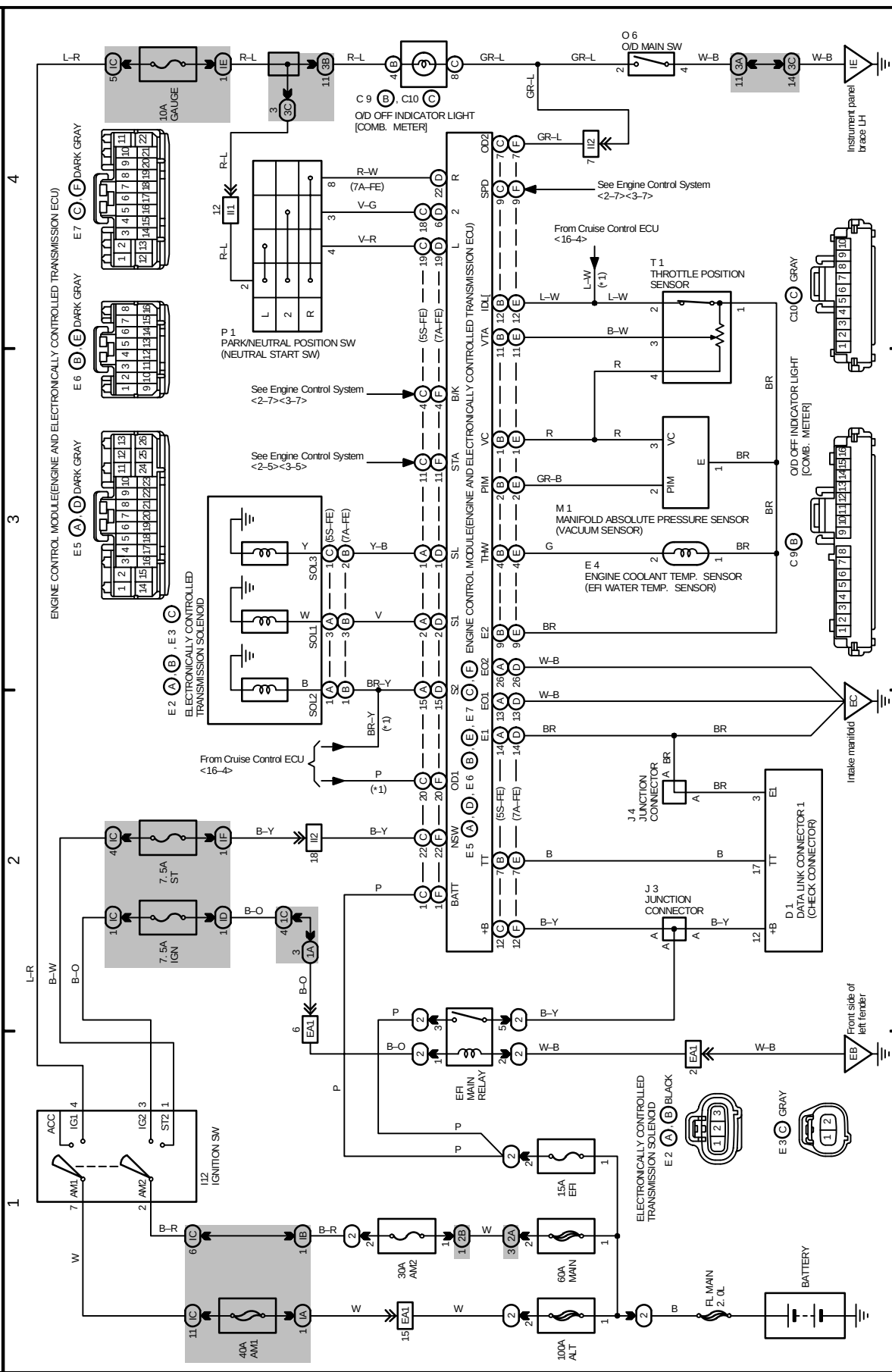
OVERALL ELECTRICAL WIRING DIAGRAM

20 CELICA

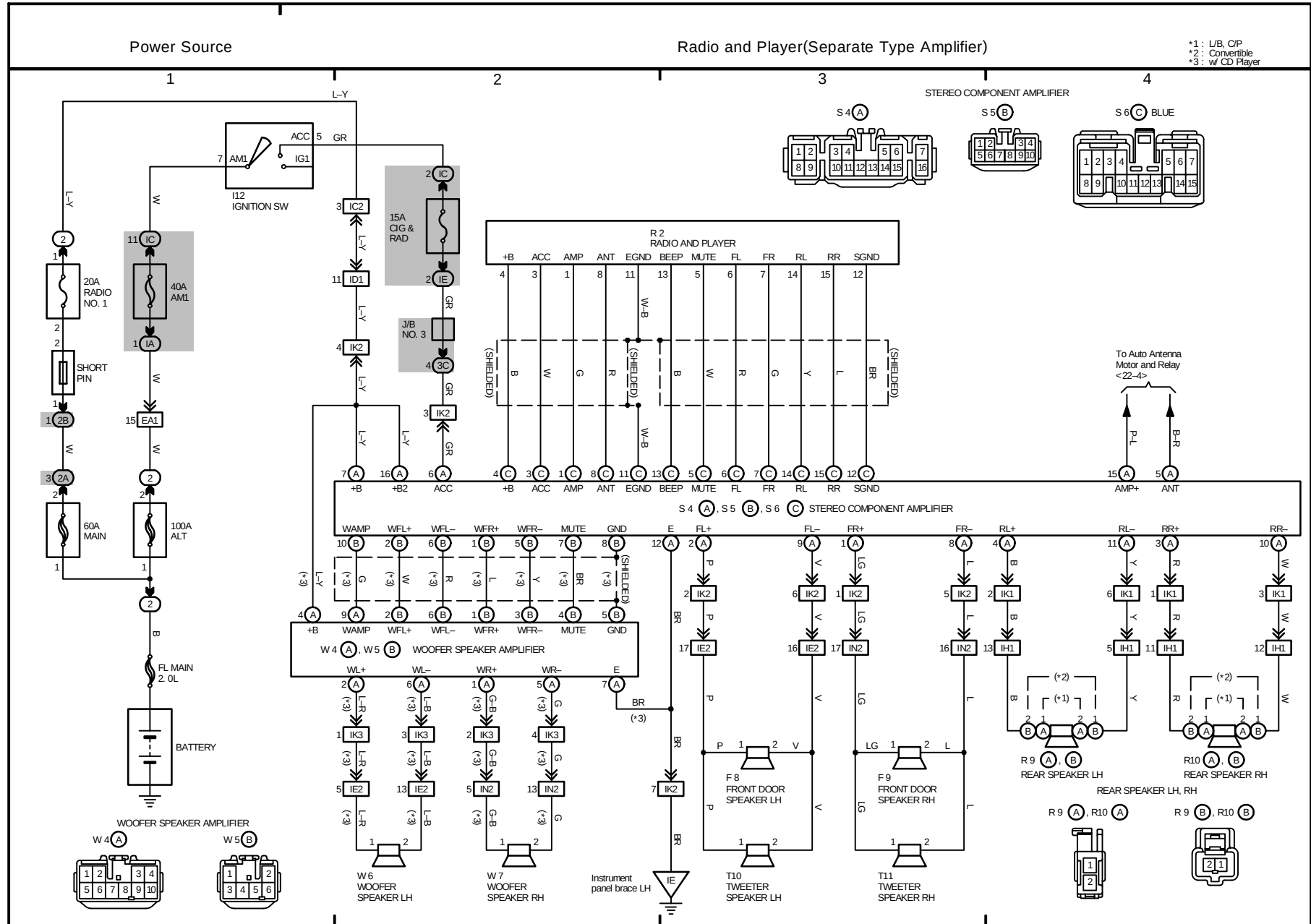
Power Source

Electronically Controlled Transmission

*1: w Cruise Control

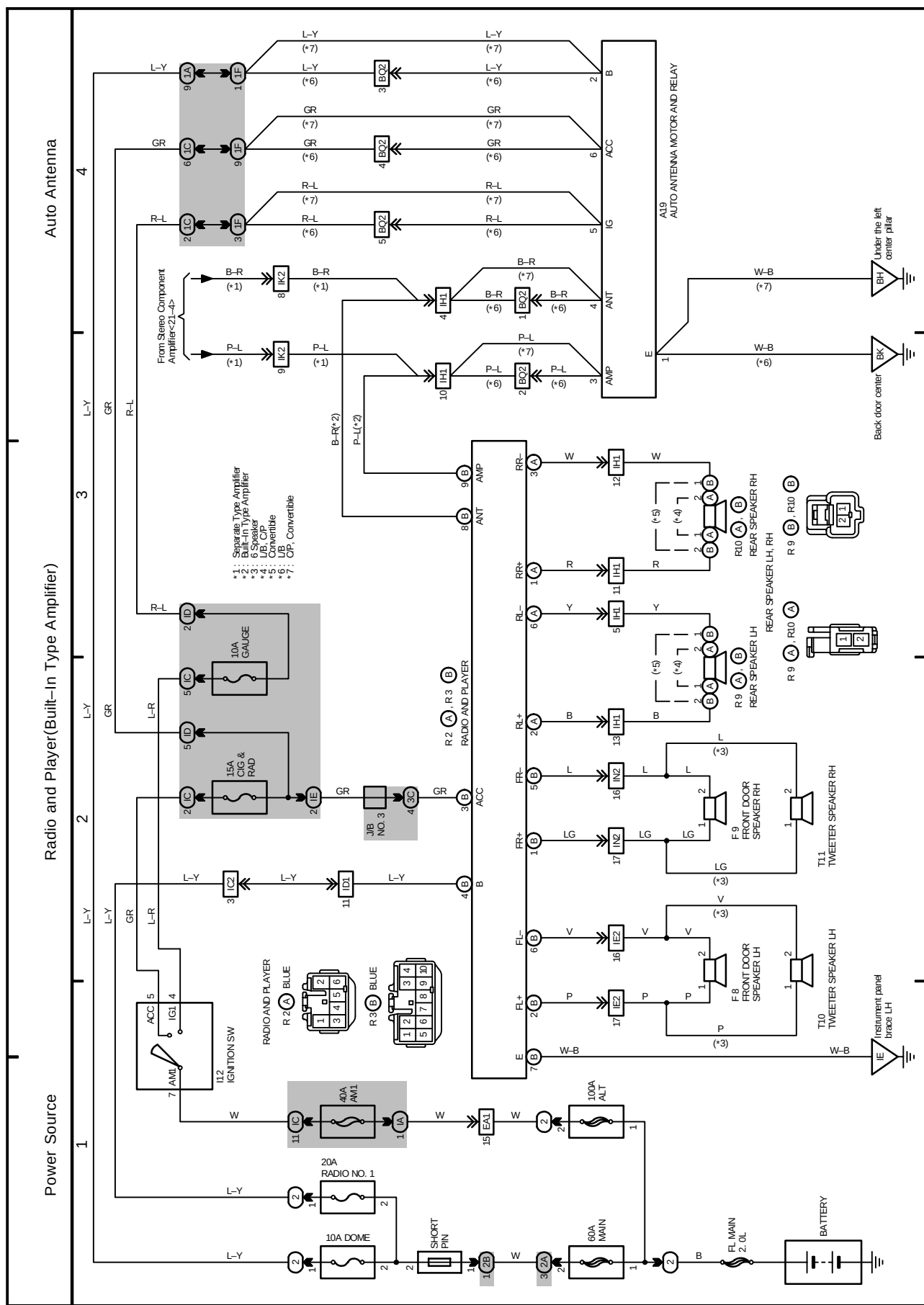


21 CELICA



OVERALL ELECTRICAL WIRING DIAGRAM

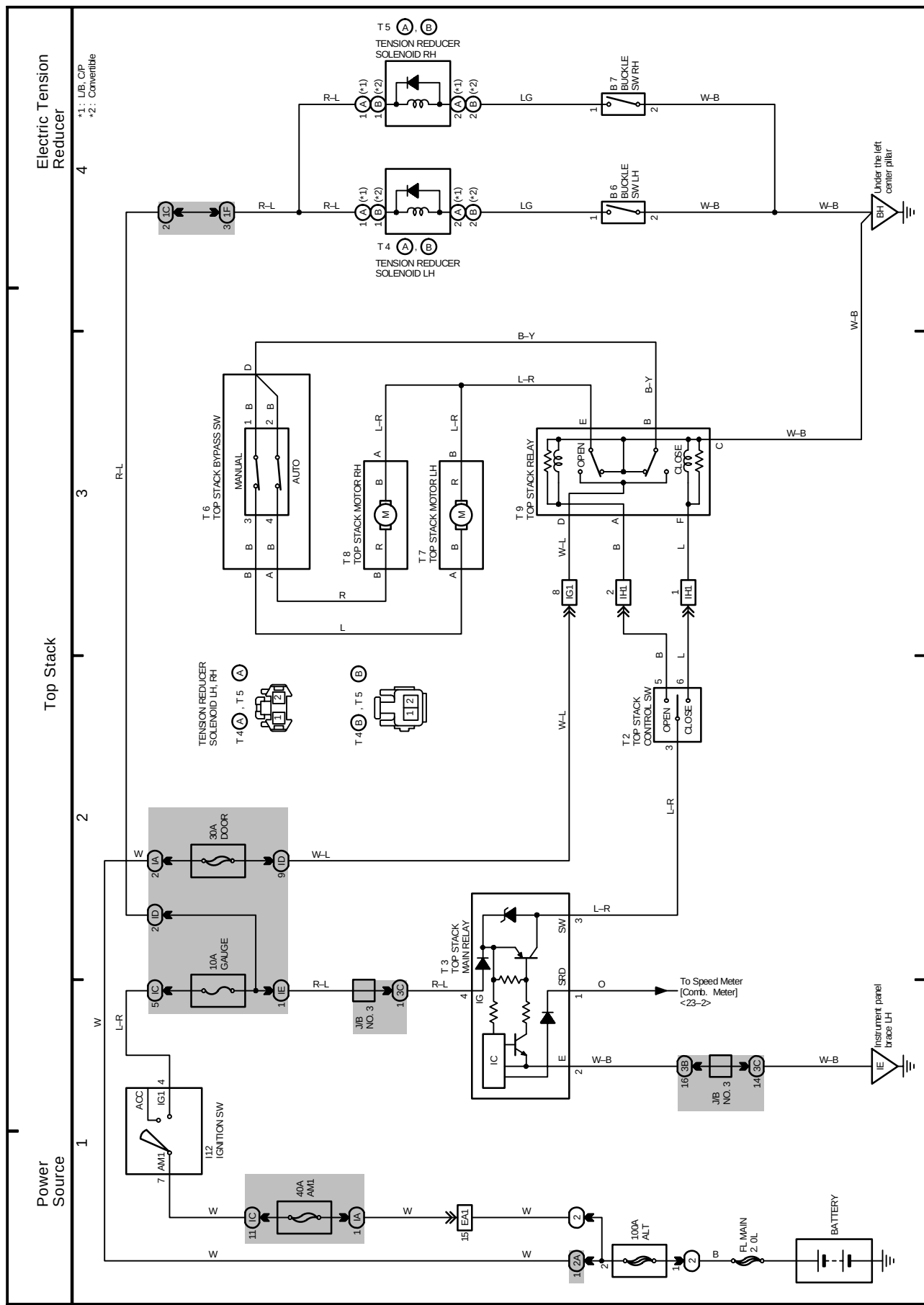
22 CELICA



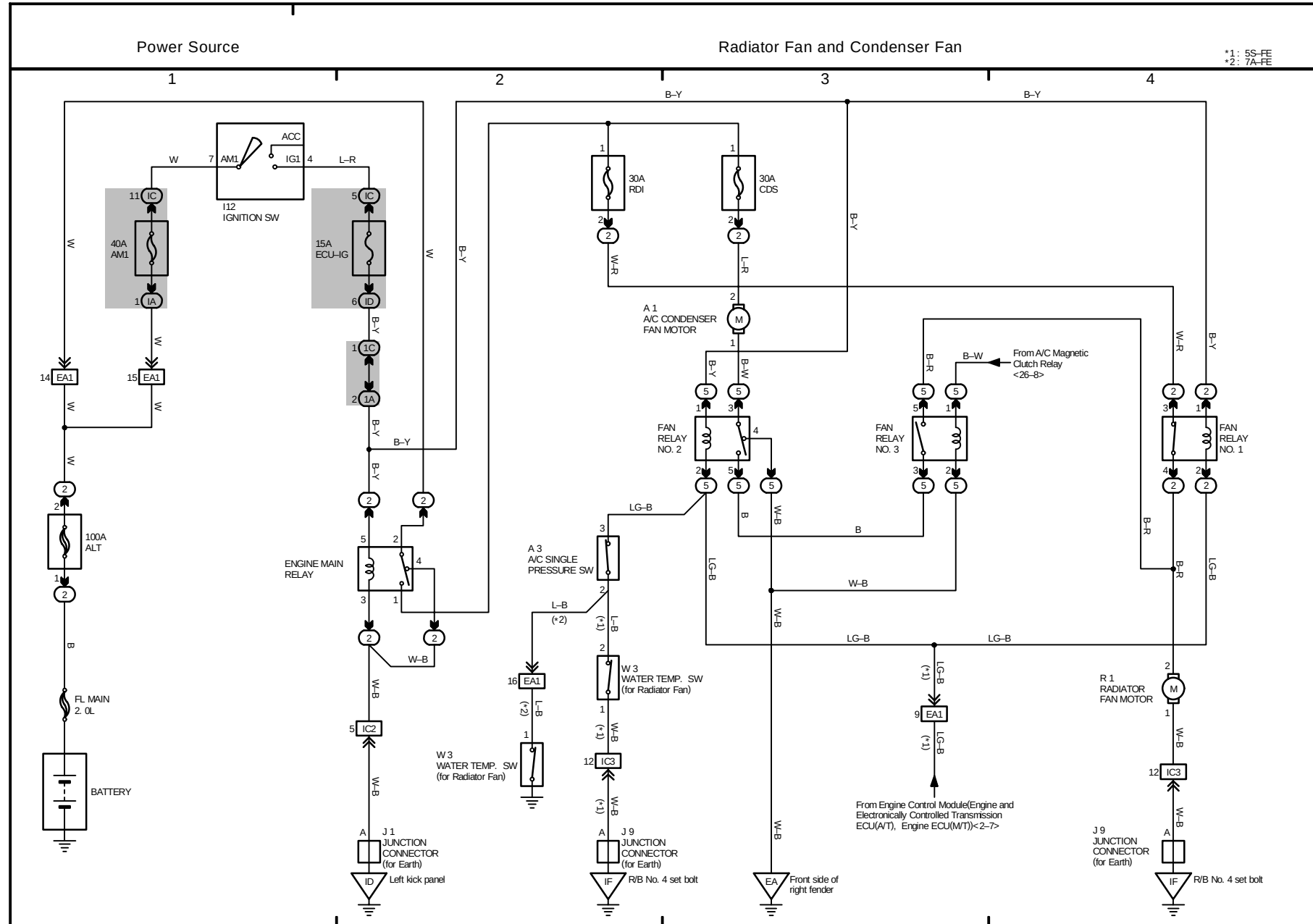
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OVERALL ELECTRICAL WIRING DIAGRAM

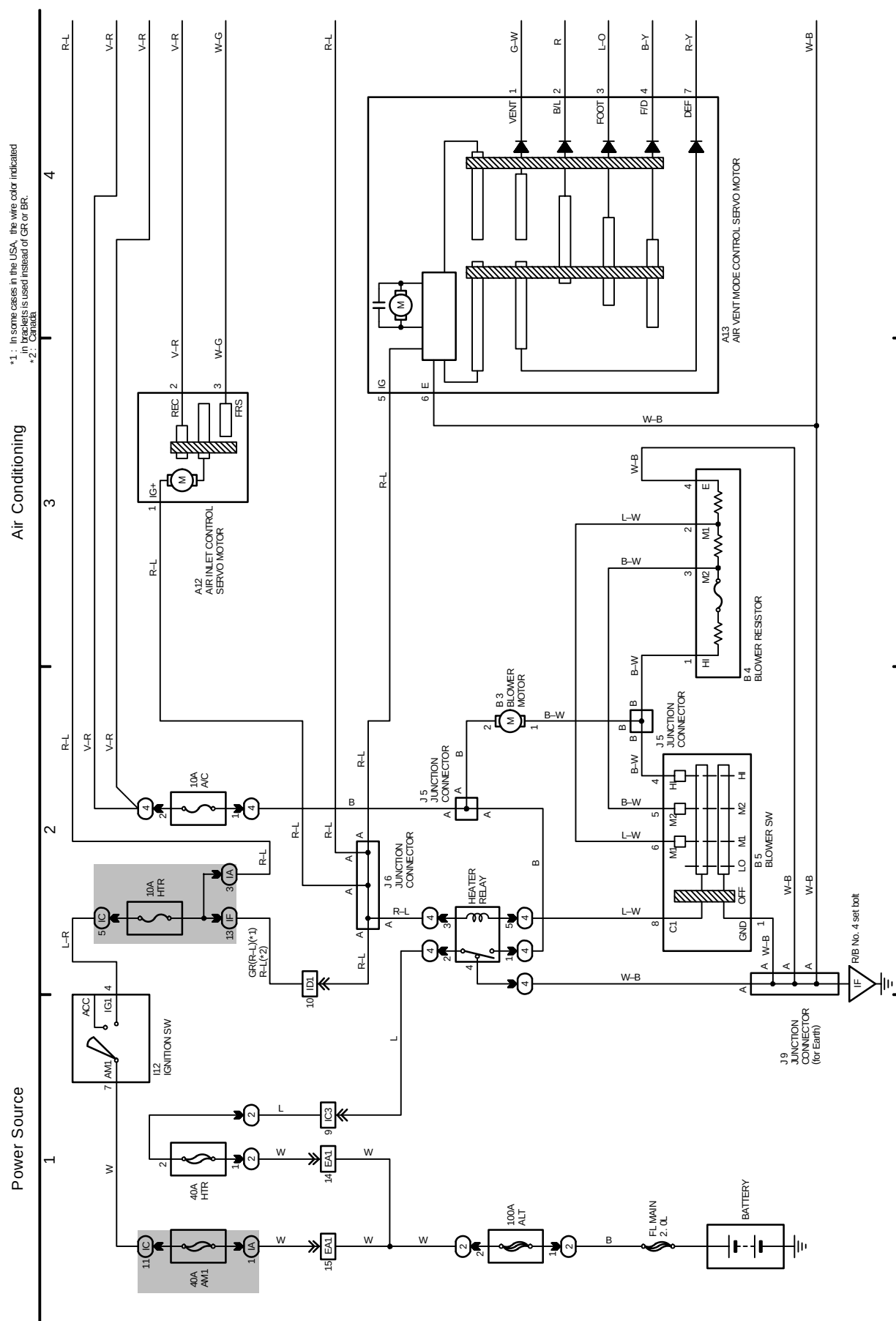
24 CELICA



25 CELICA



OVERALL ELECTRICAL WIRING DIAGRAM



26 CELICA (Cont'd)

Air Conditioning

*3: 5S-FE
*4: 7A-FE

