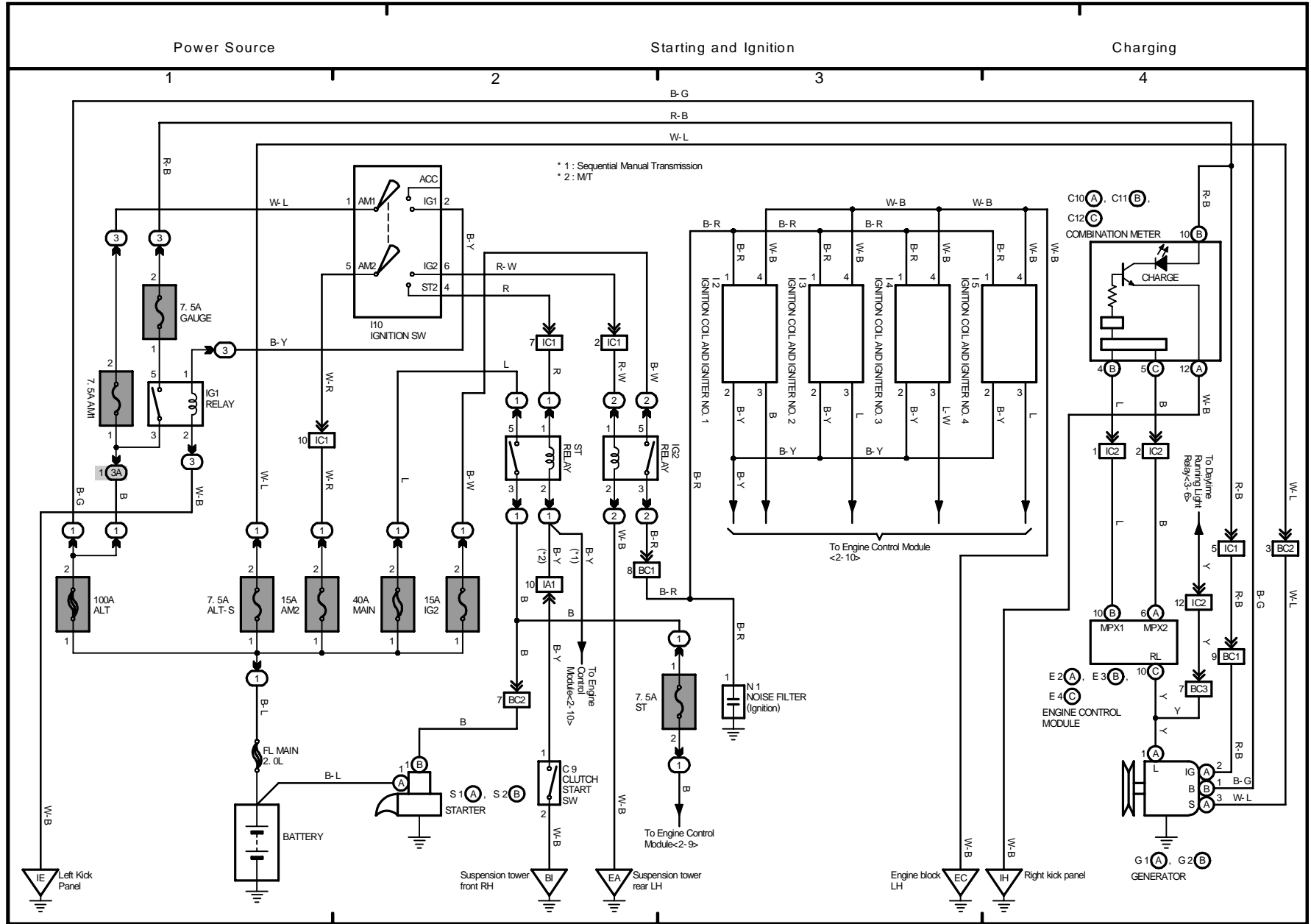


1 MR2 ELECTRICAL WIRING DIAGRAM

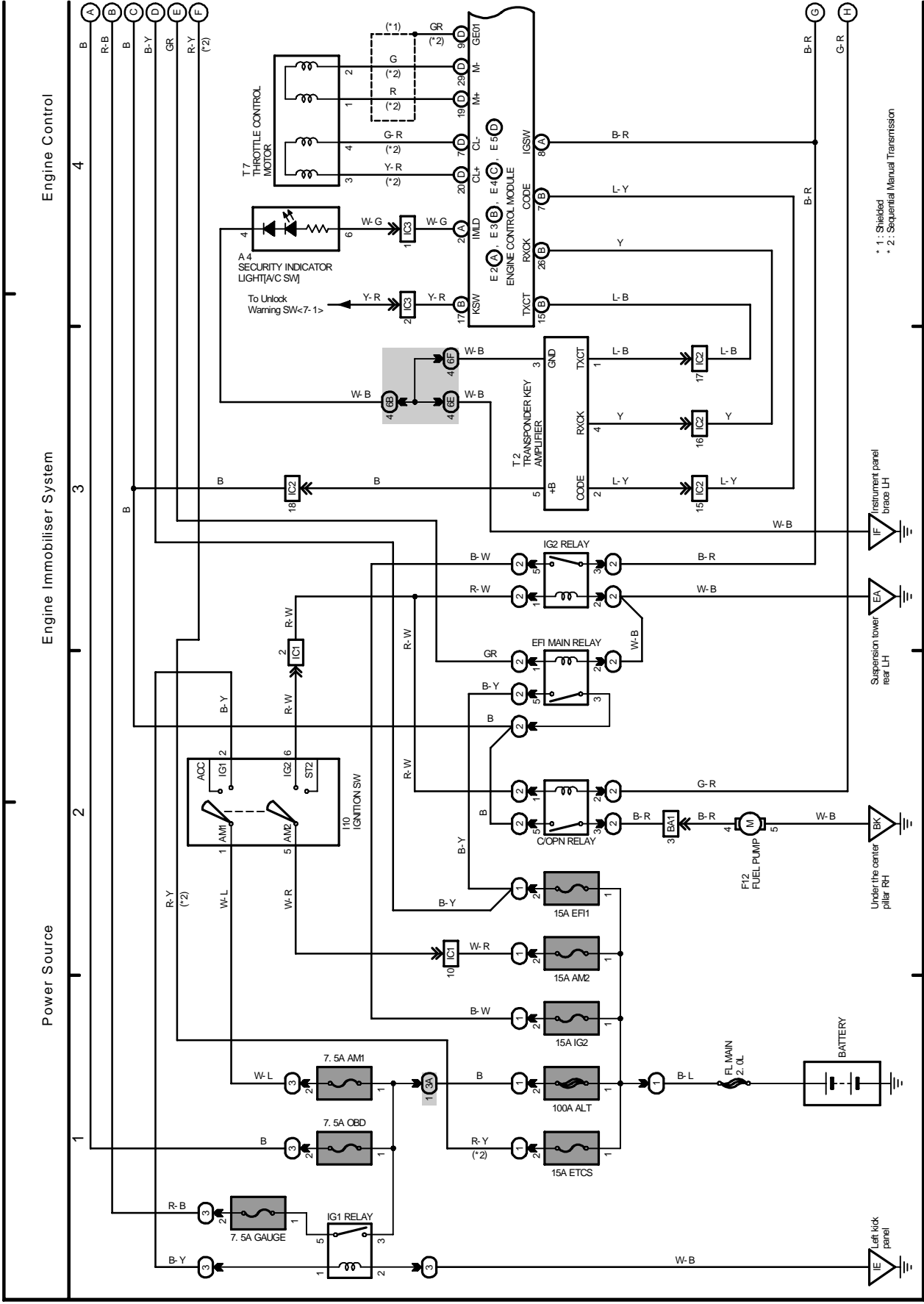


2001 MR2 (EWD424U)

# M OVERALL ELECTRICAL WIRING DIAGRAM

2 MR2

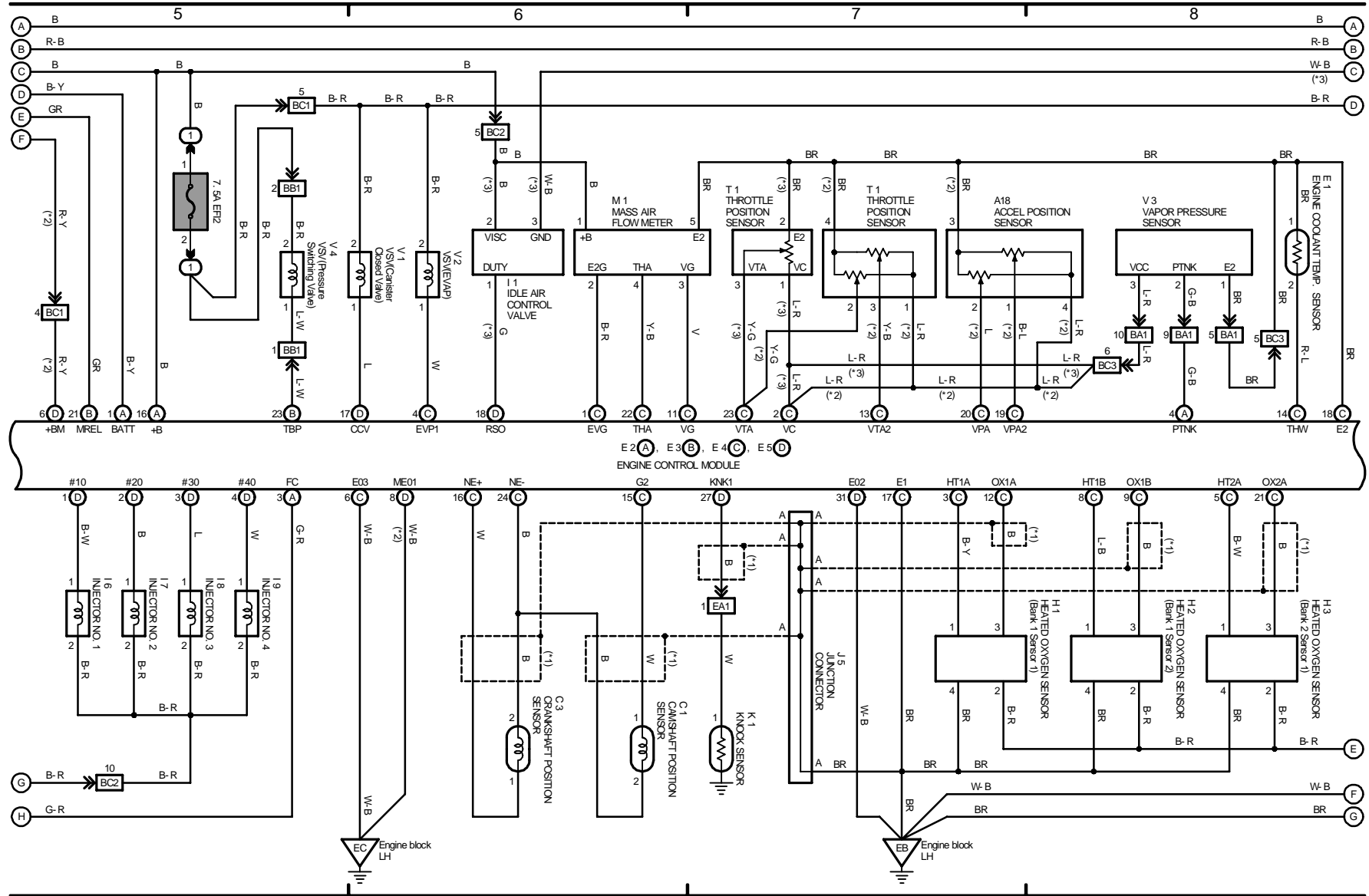
(Cont. next page)



\* 1 : Shielded  
\* 2 : Sequential Manual Transmission

Engine Control

- \* 1 : Shielded
- \* 2 : Sequential Manual Transmission
- \* 3 : MT



2001 MR2 (EWD424U)

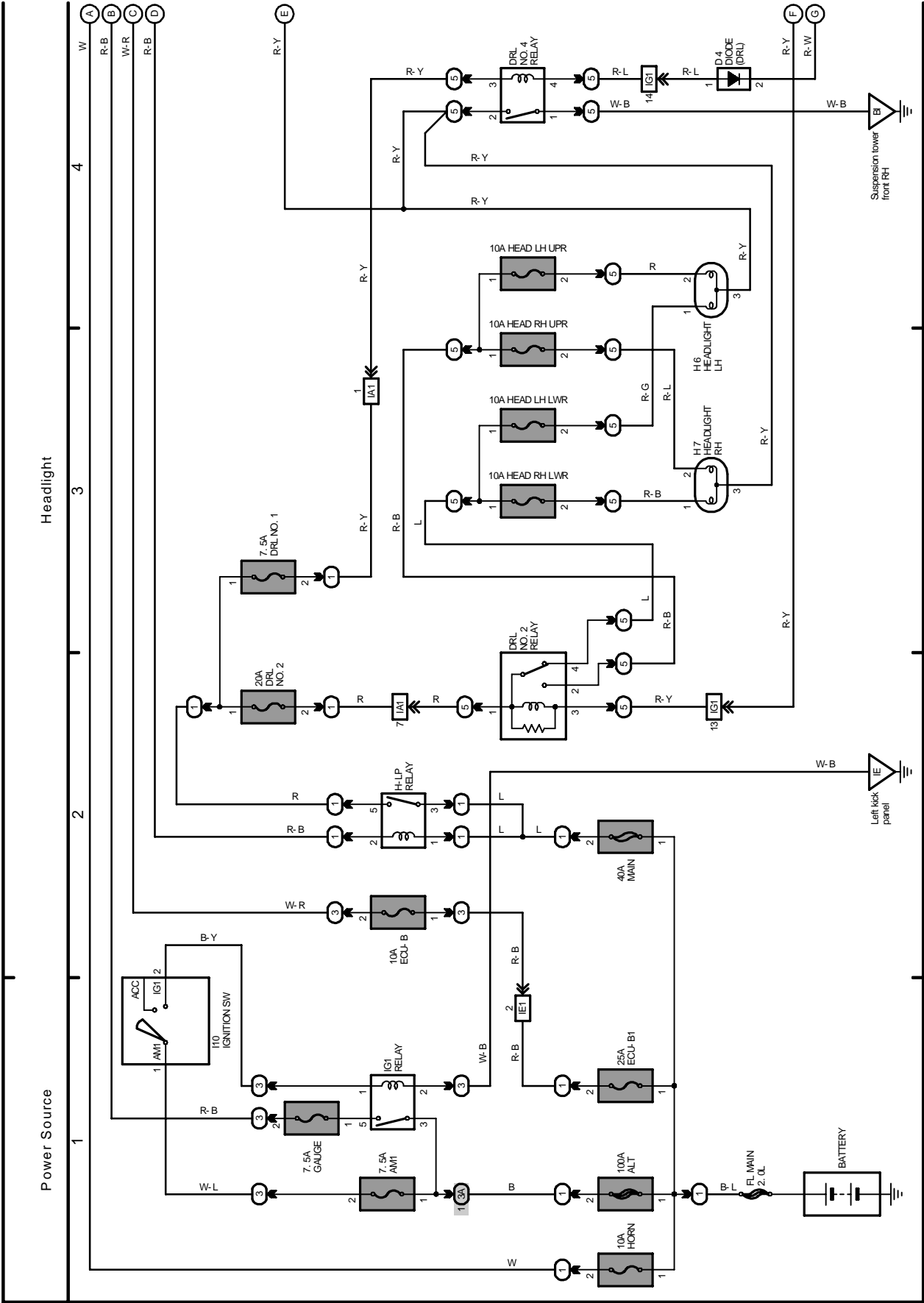




# M OVERALL ELECTRICAL WIRING DIAGRAM

3 MR2

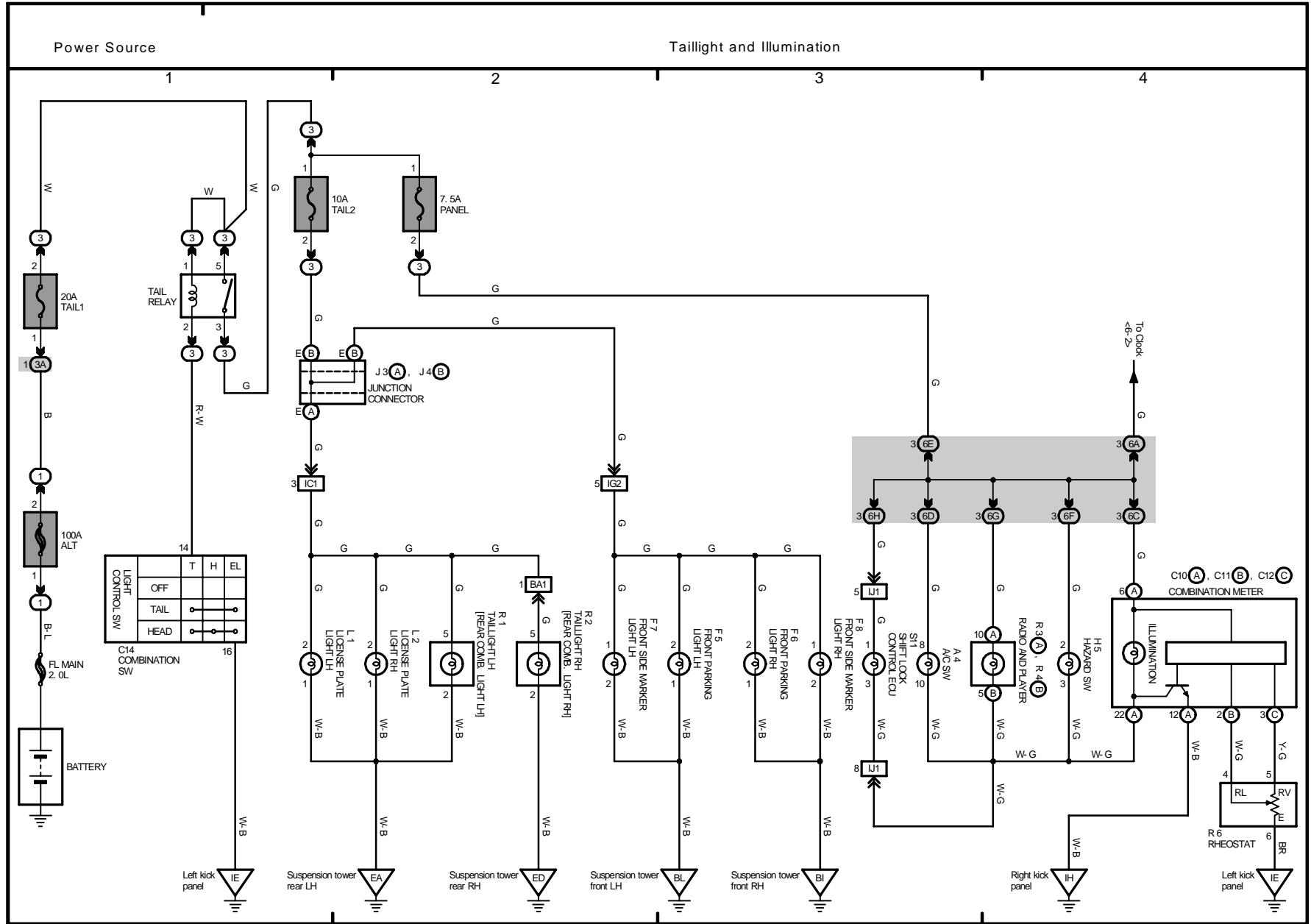
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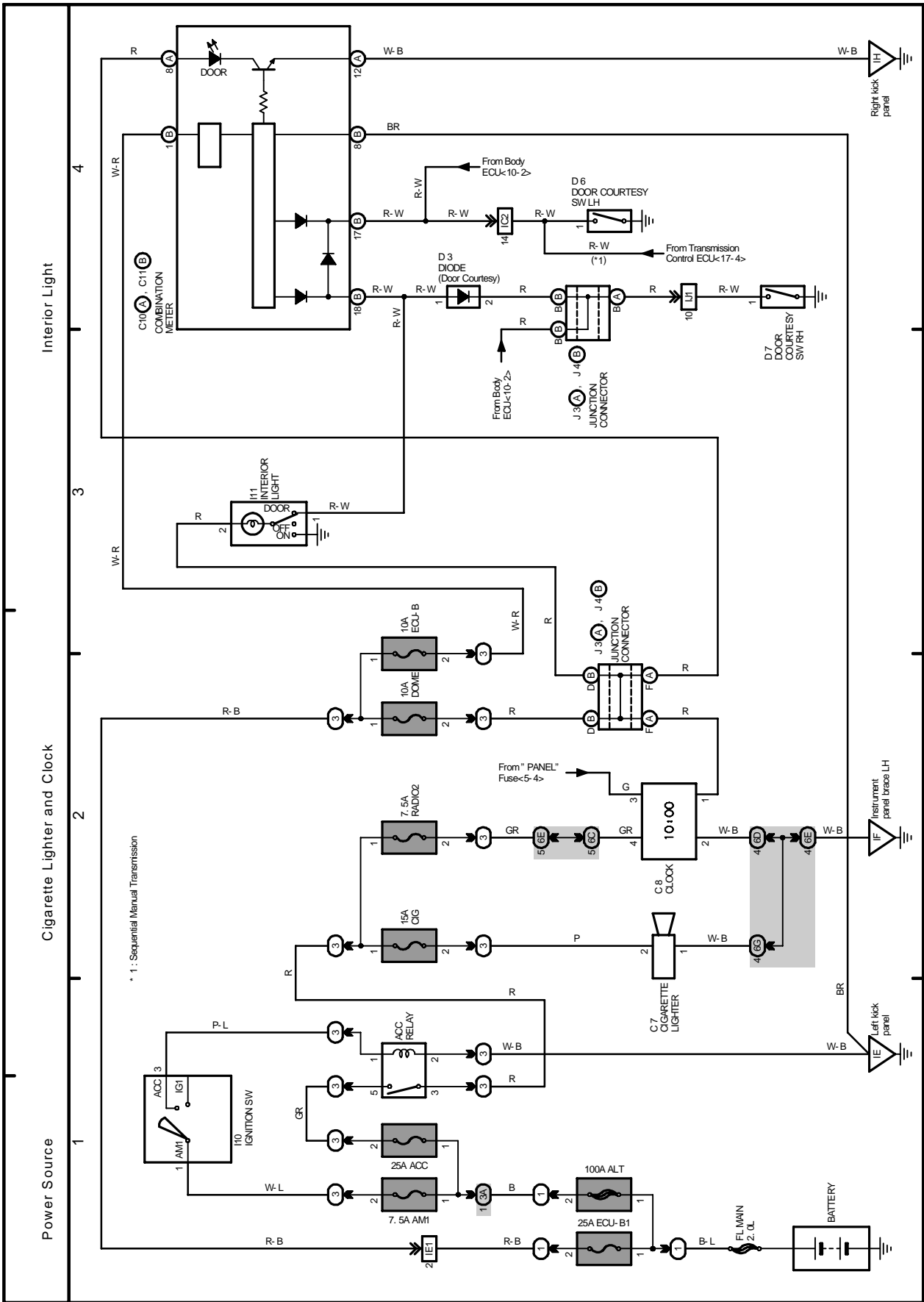


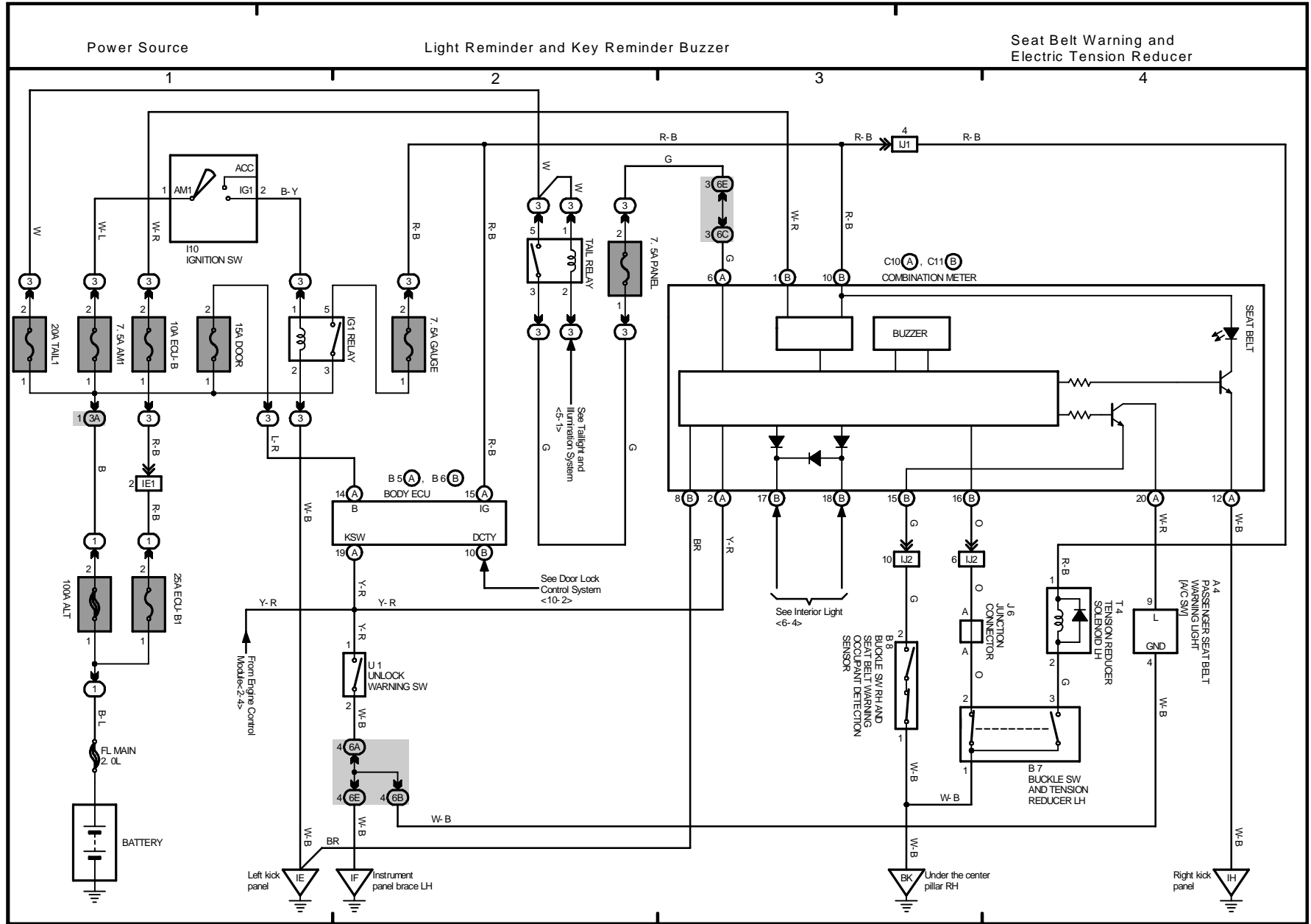




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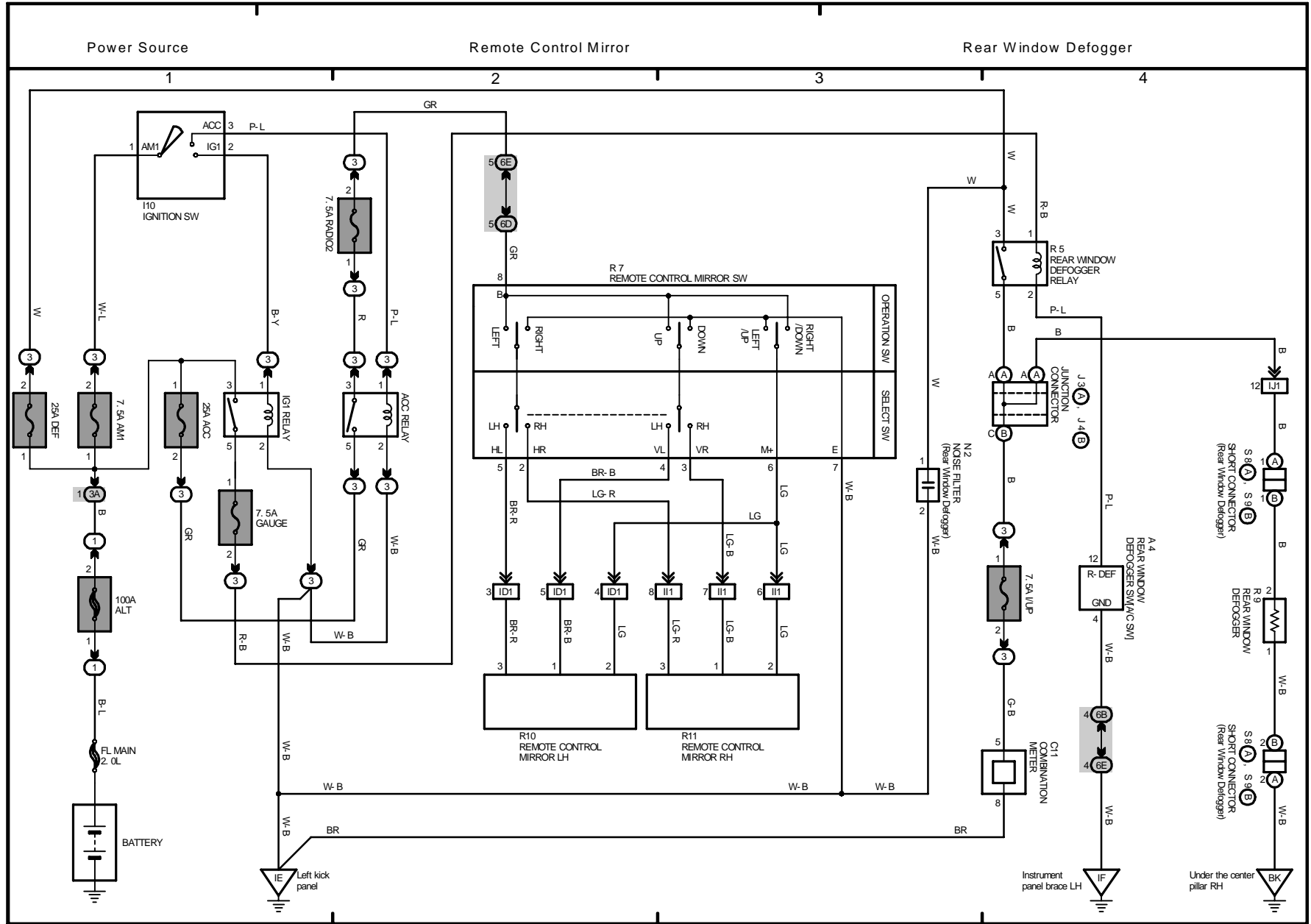
6 MR2





2001 MR2 (EWD424U)

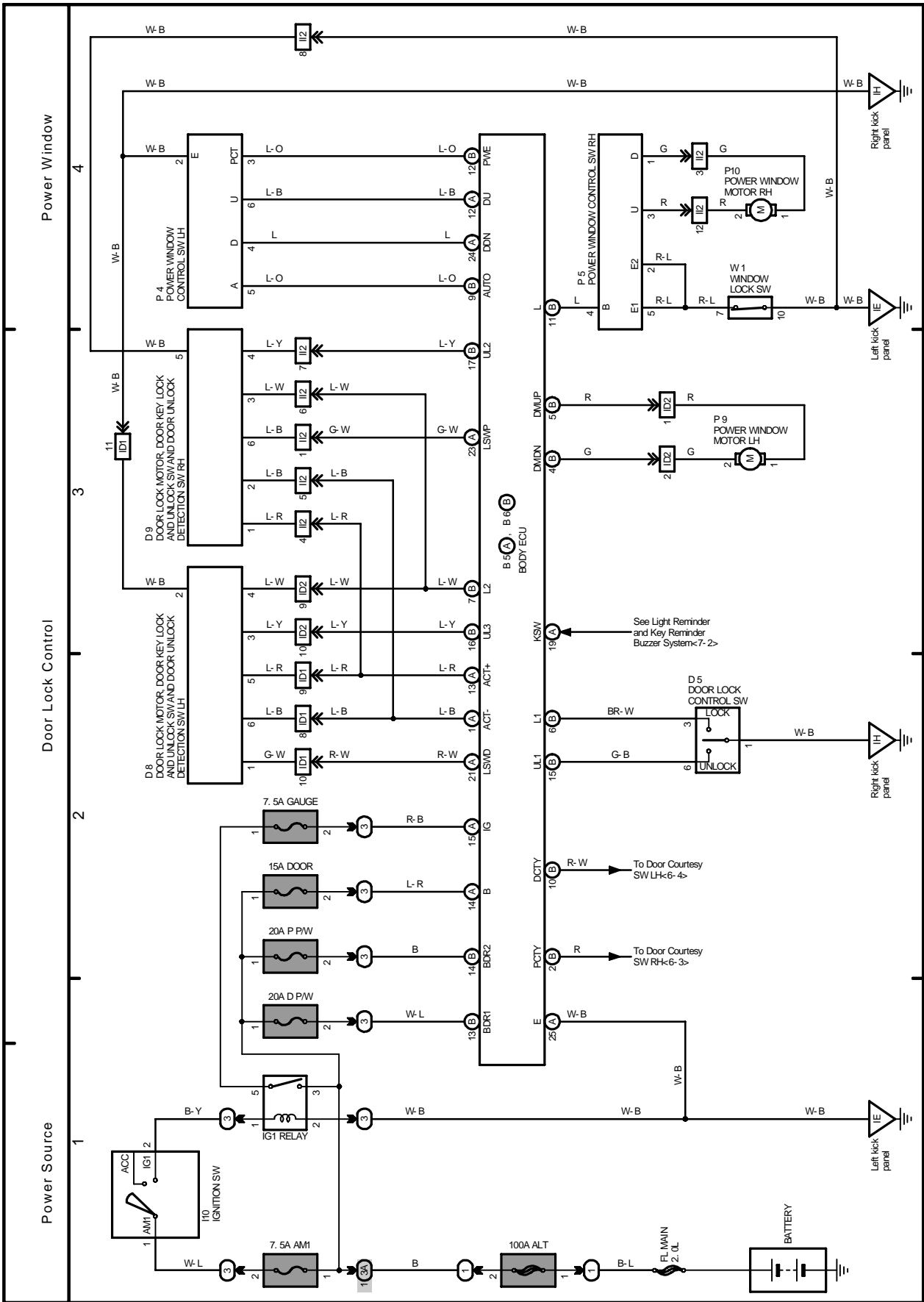


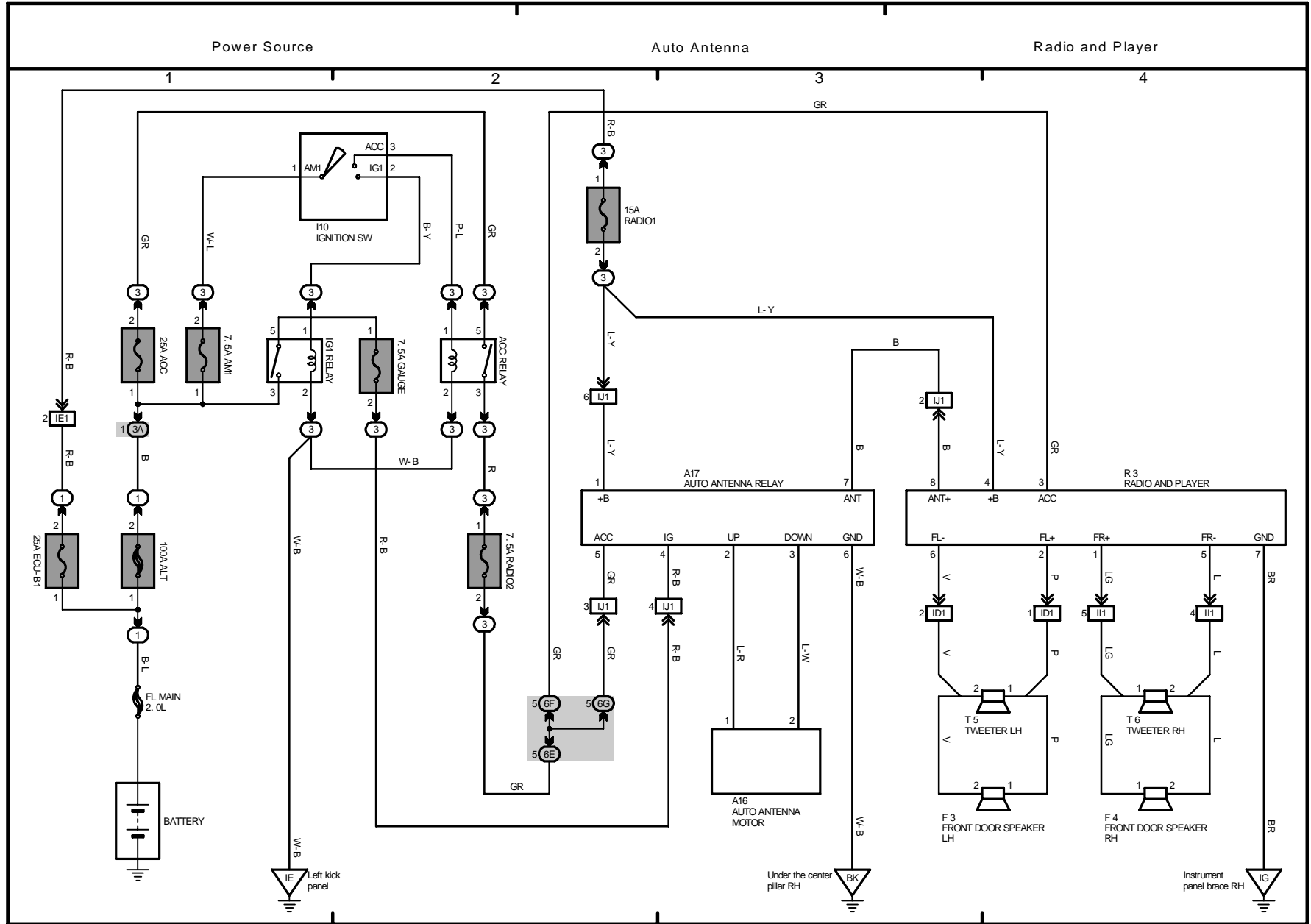


2001 MR2 (EWD424U)

# M OVERALL ELECTRICAL WIRING DIAGRAM

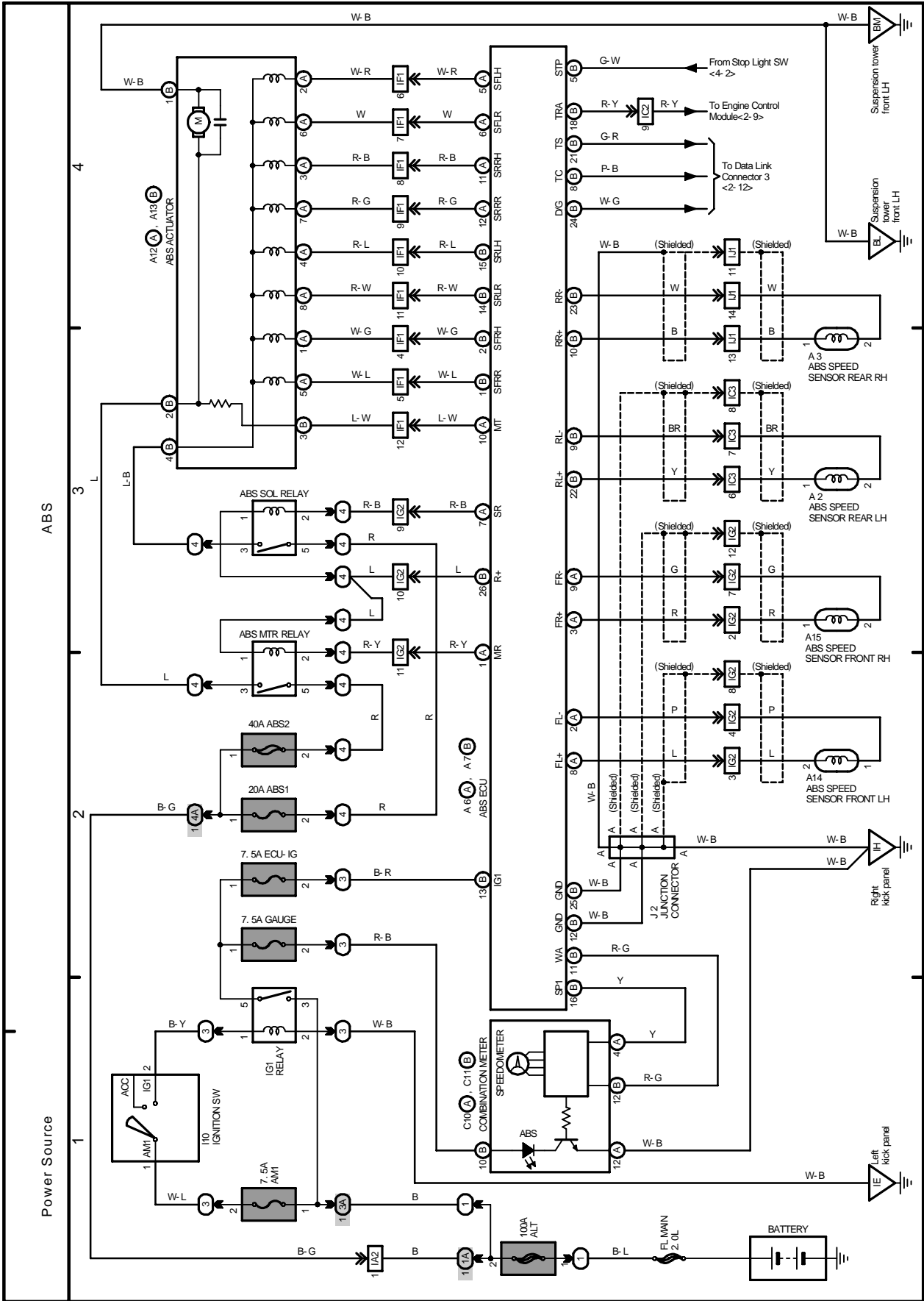
10 MR2



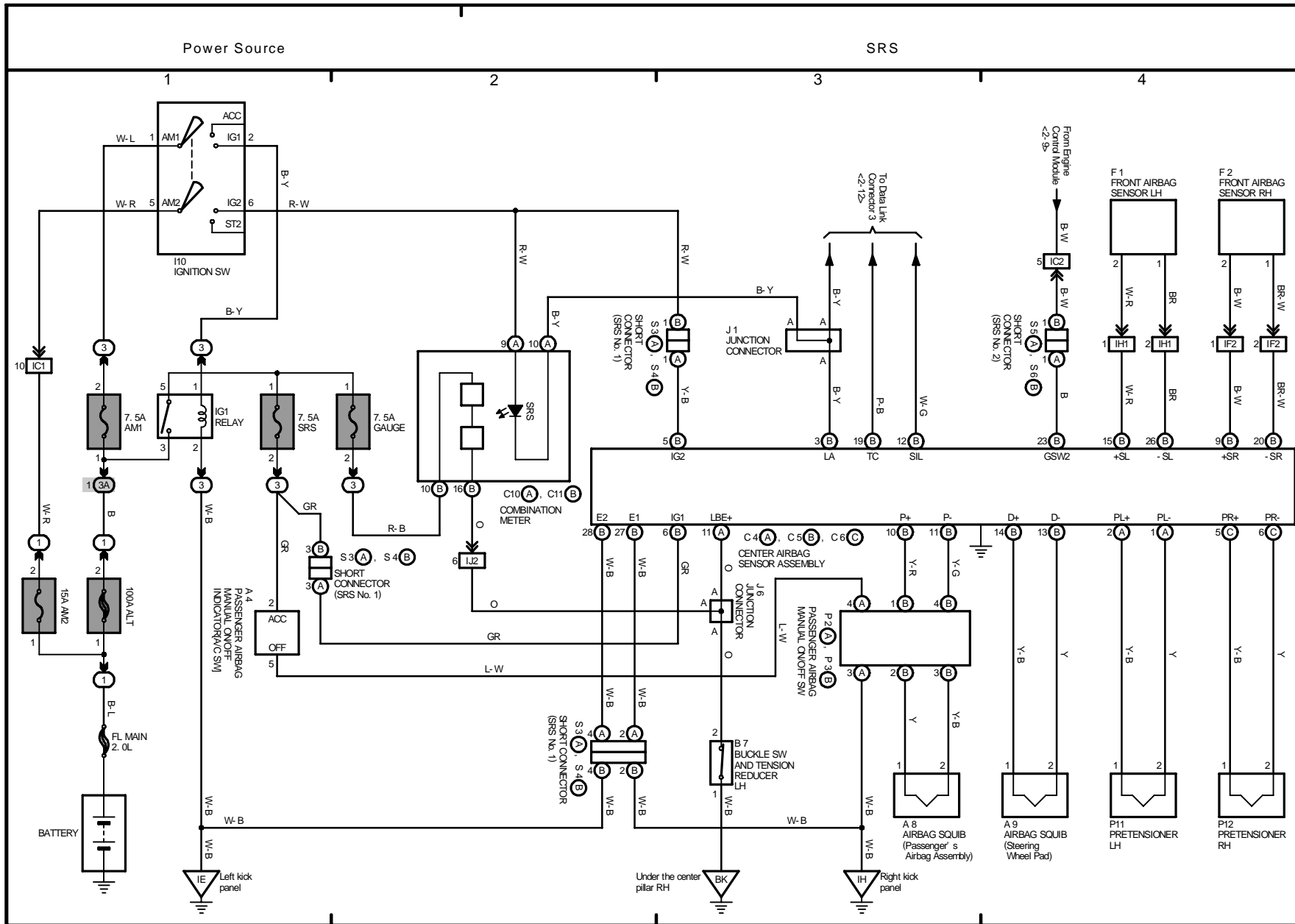


# M OVERALL ELECTRICAL WIRING DIAGRAM

12 MR2



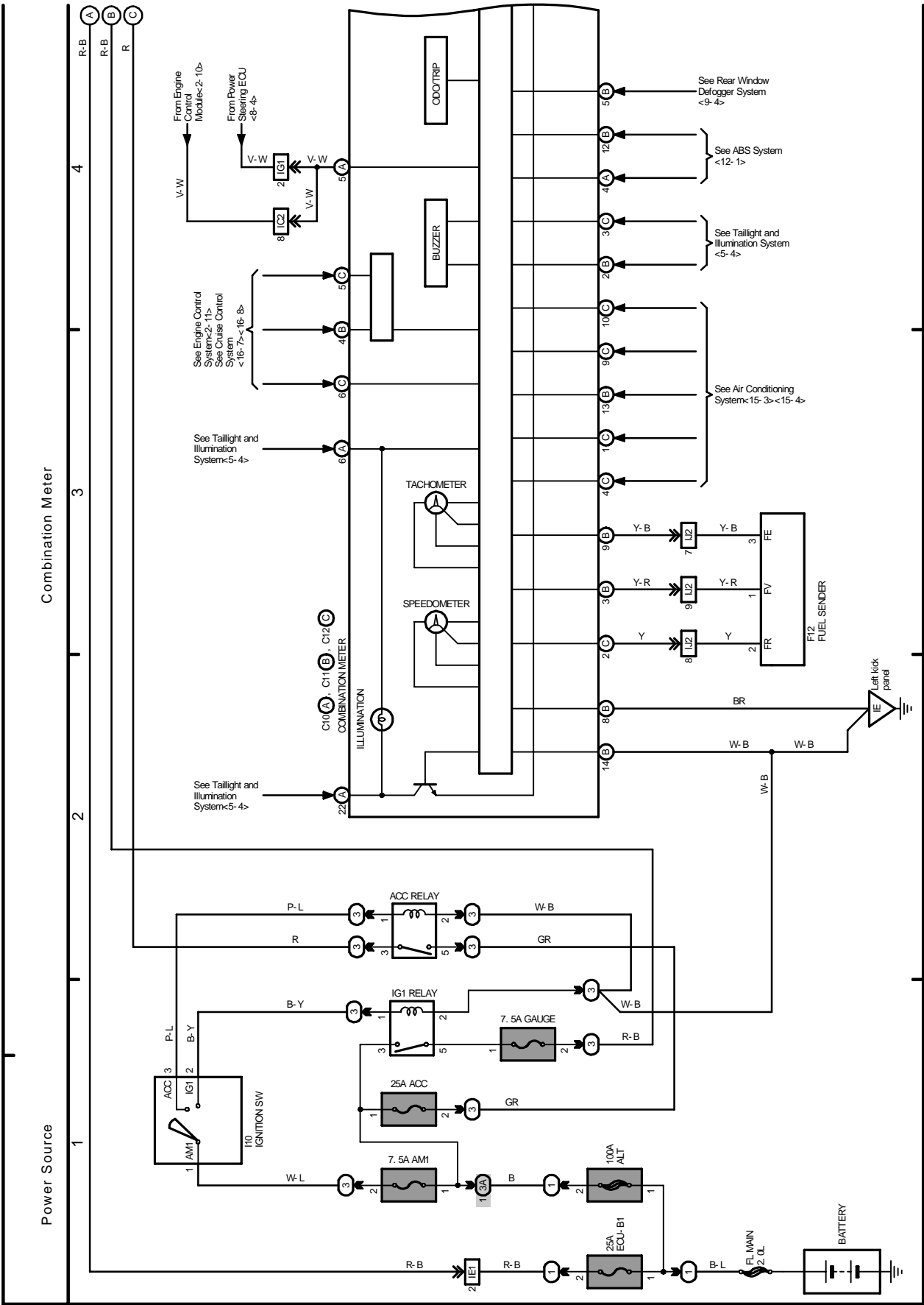




# M OVERALL ELECTRICAL WIRING DIAGRAM

14 MR2

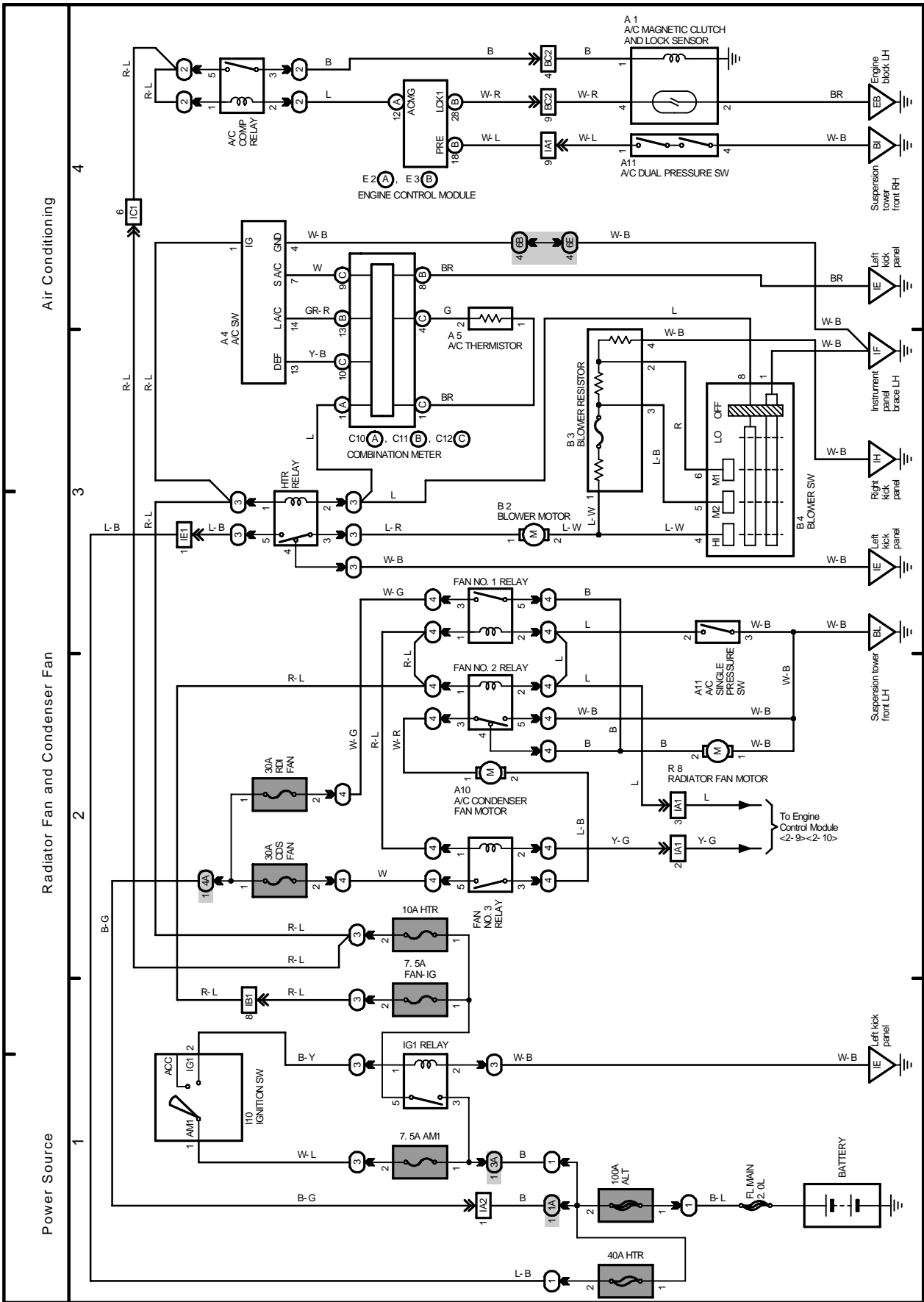
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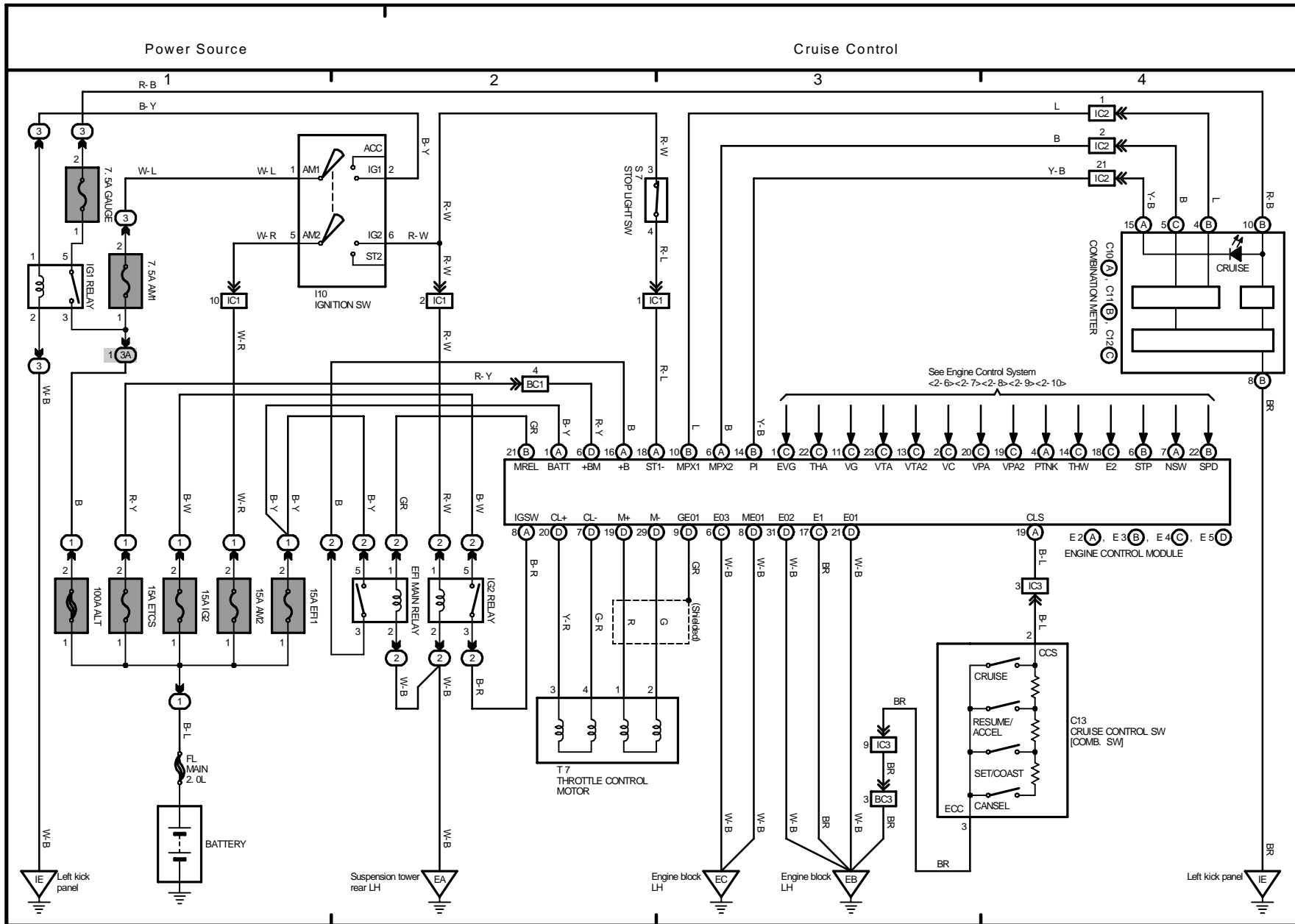




# M OVERALL ELECTRICAL WIRING DIAGRAM

15 MR2

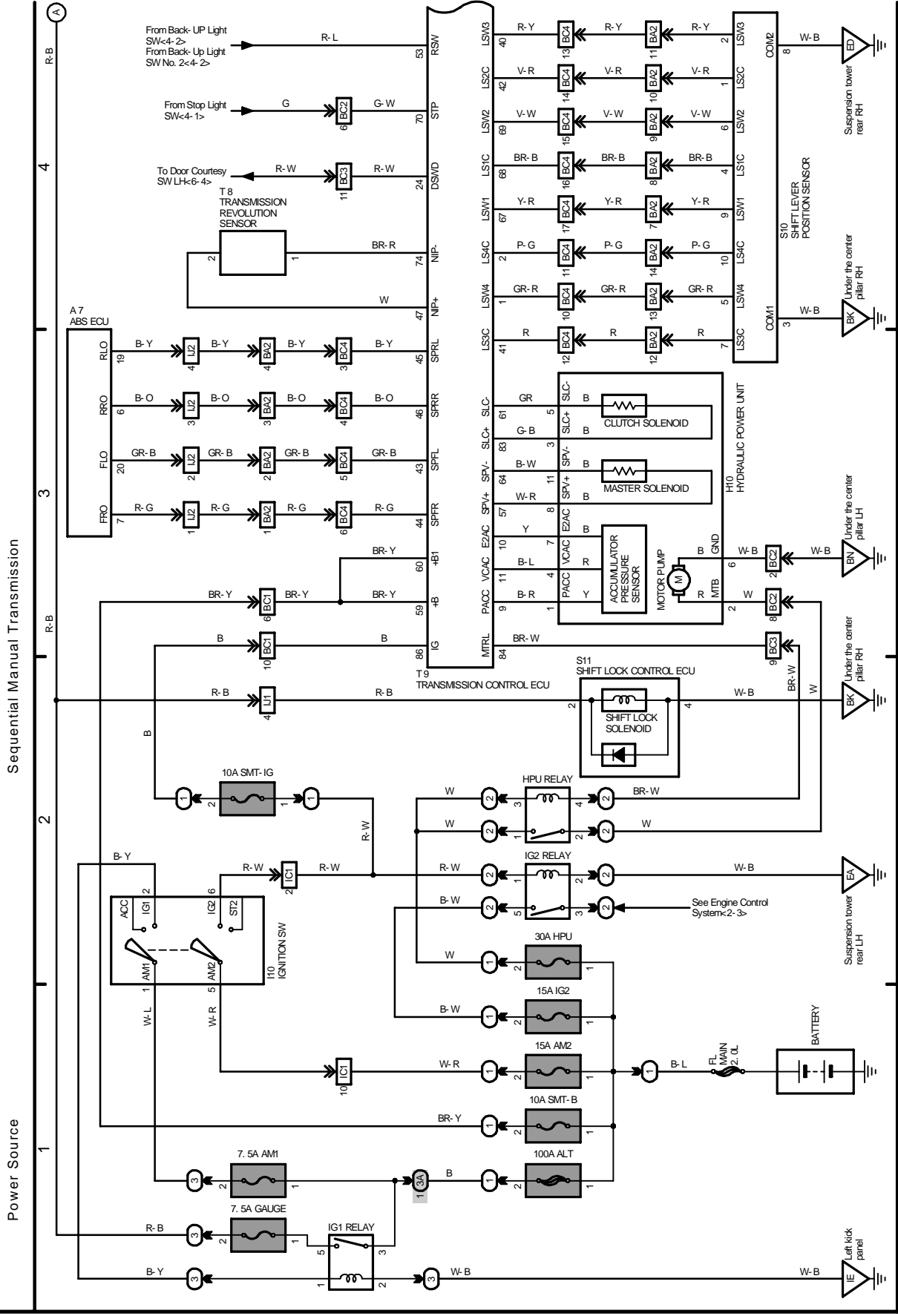




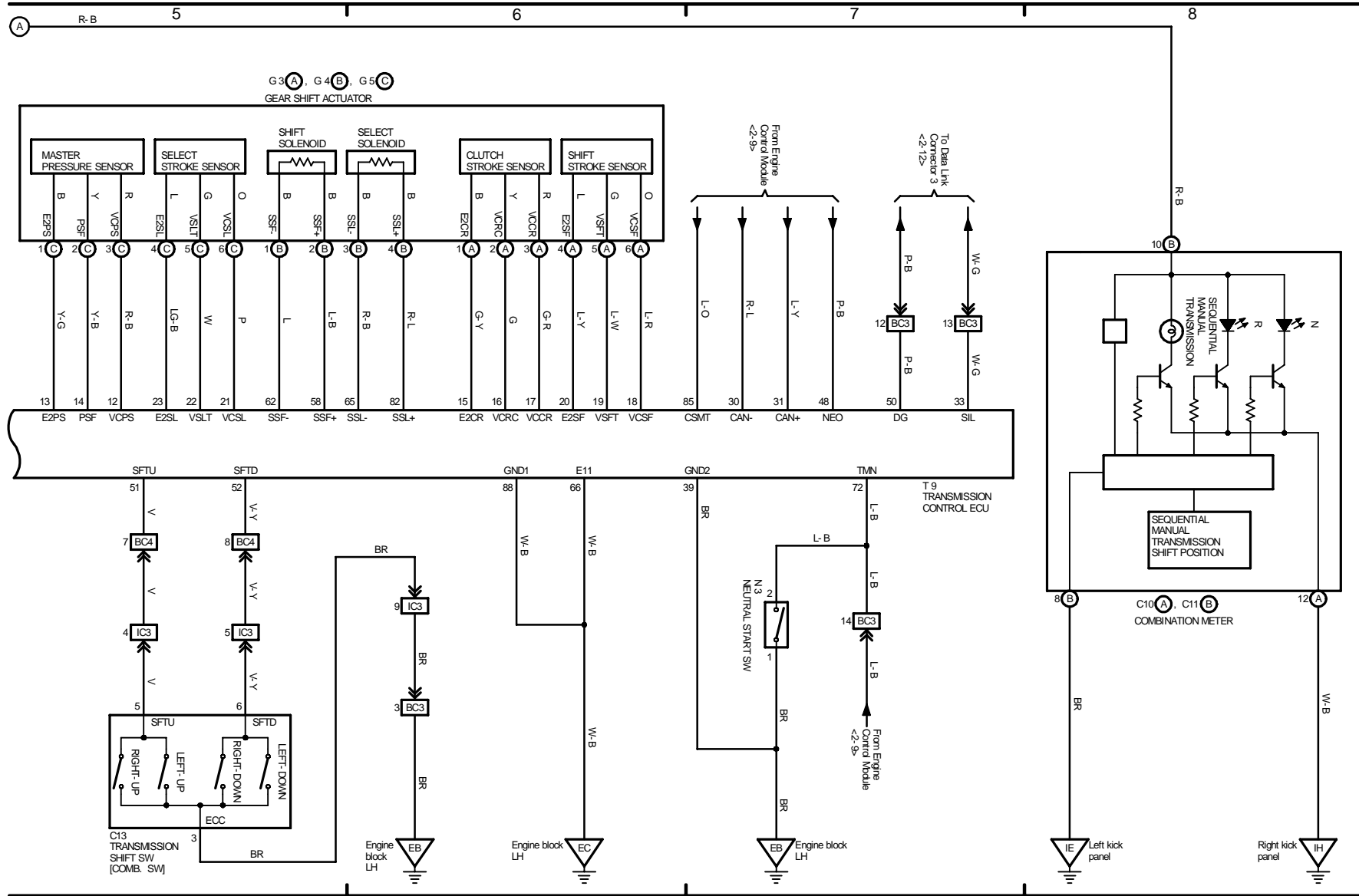
# M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

17 MR2

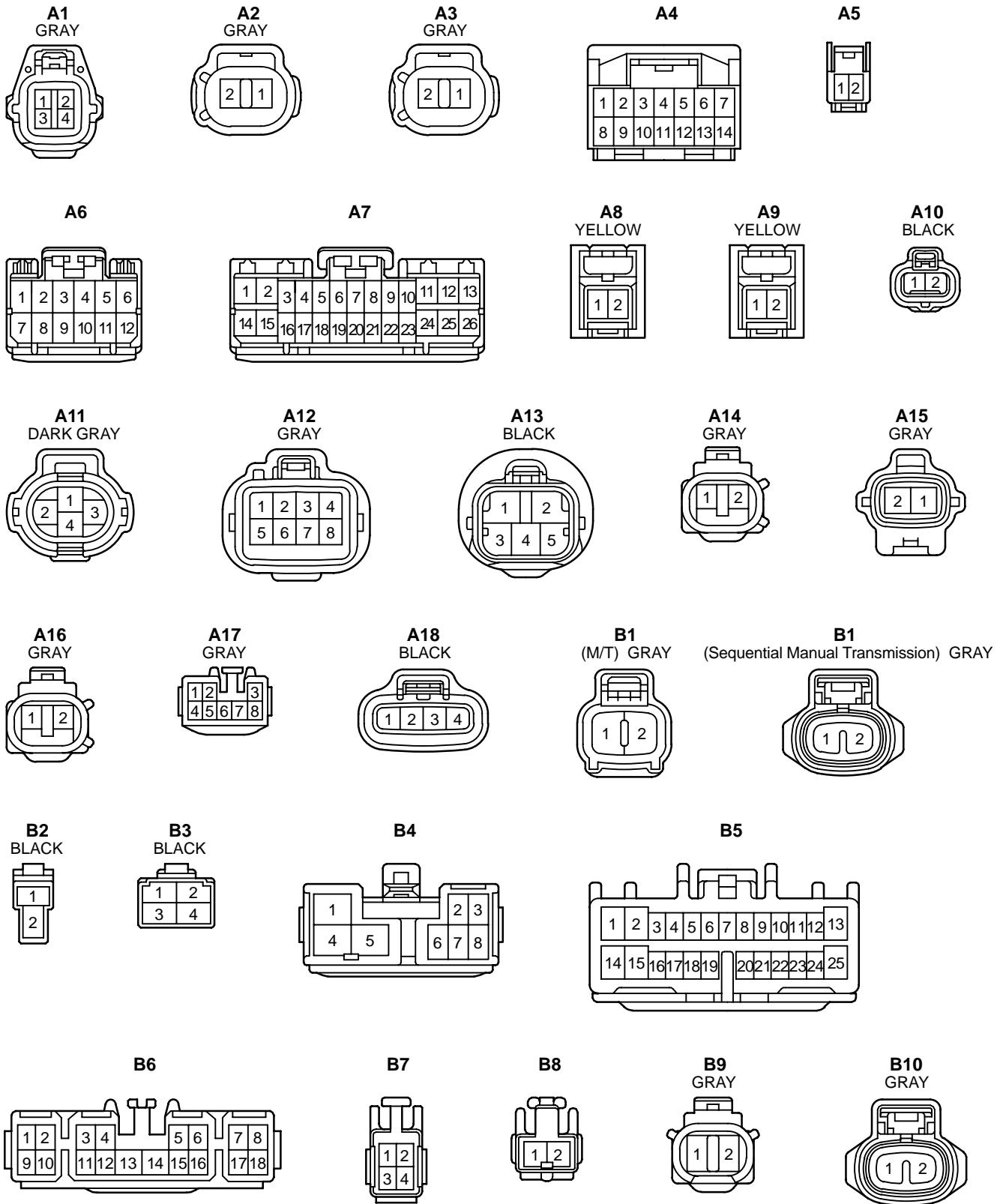


Sequential Manual Transmission

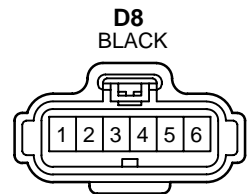
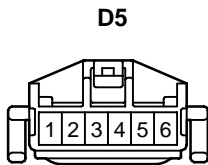
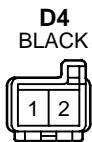
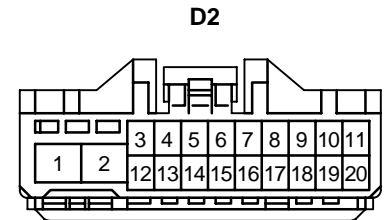
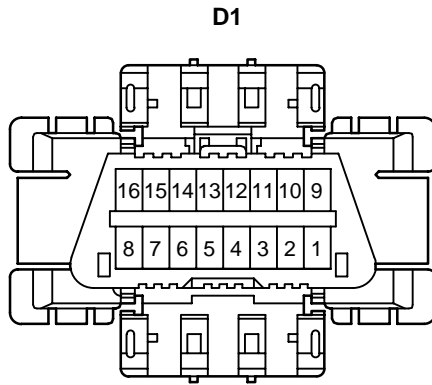
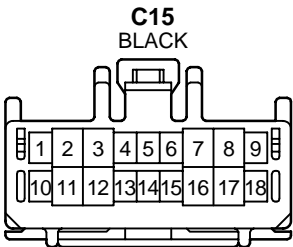
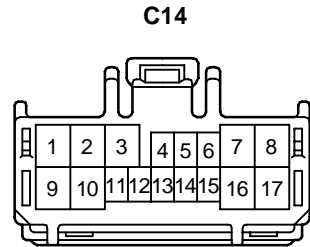
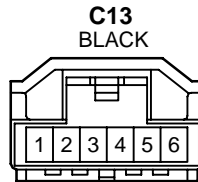
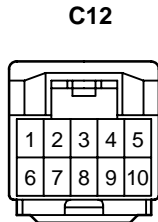
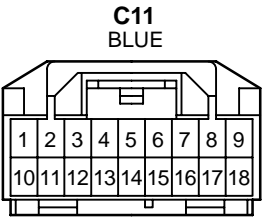
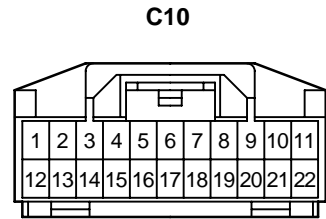
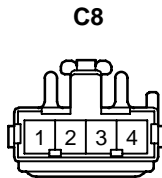
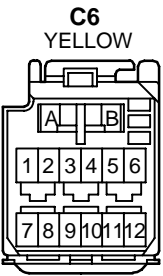
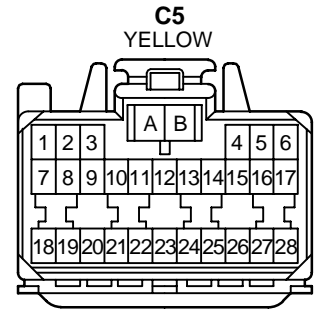
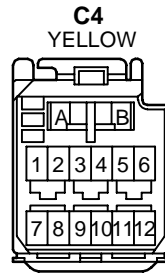
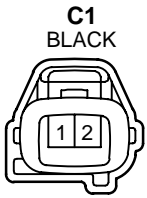


2001 MR2 (EWD424U)

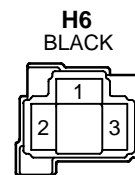
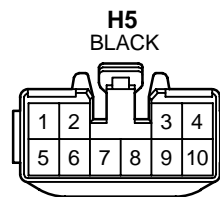
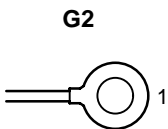
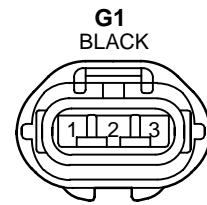
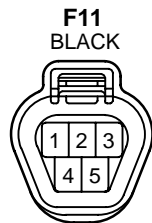
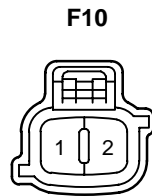
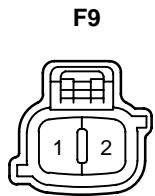
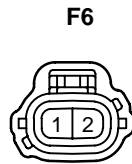
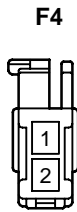
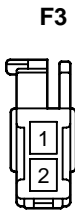
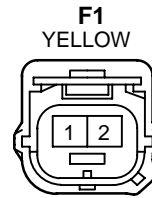
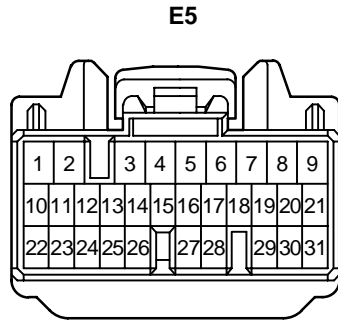
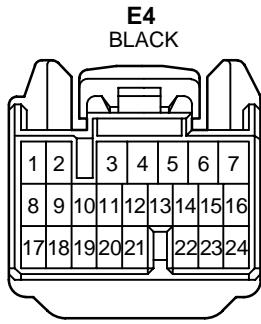
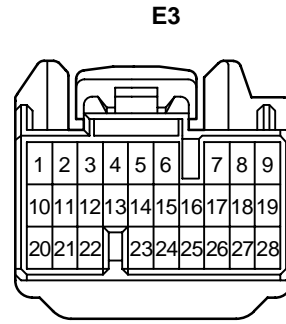
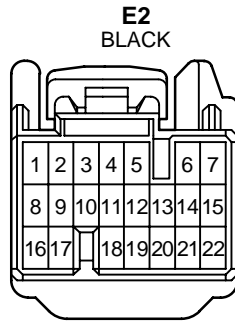
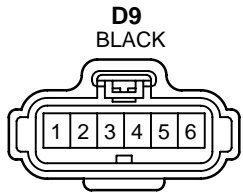
# K CONNECTOR LIST

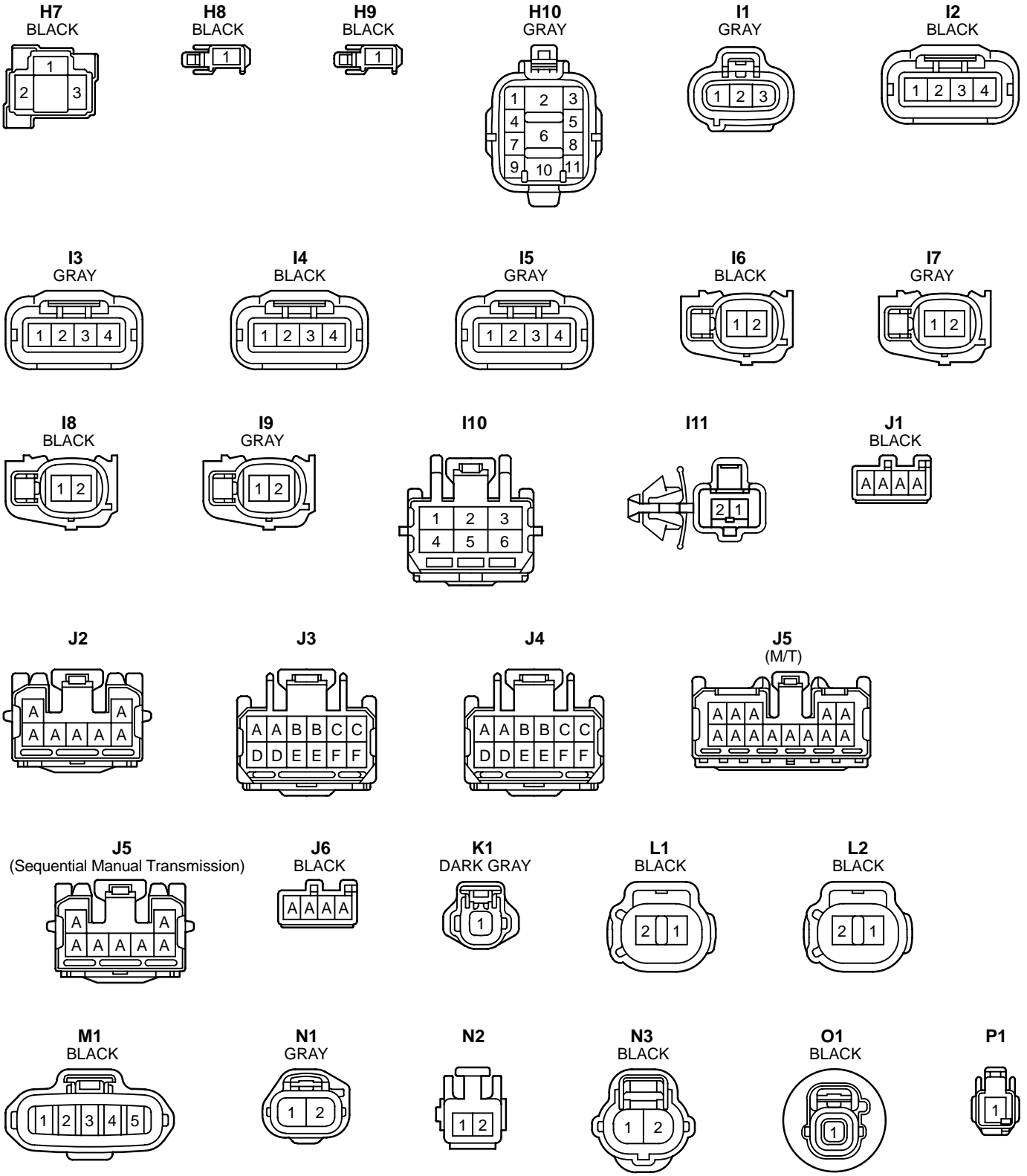




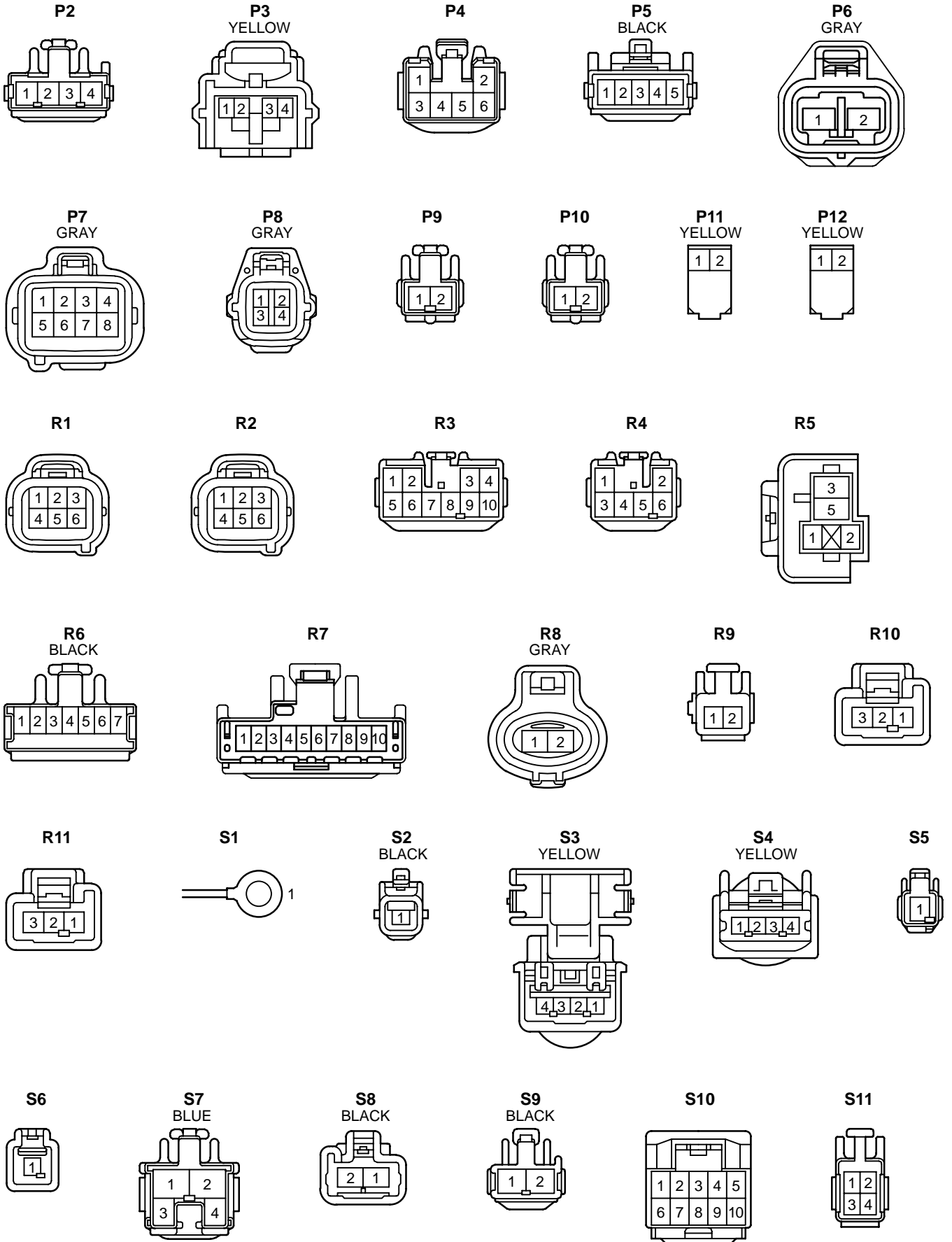


# K CONNECTOR LIST





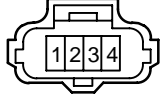
# K CONNECTOR LIST



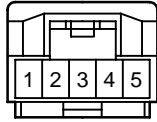
**T1**  
(M/T) BLACK



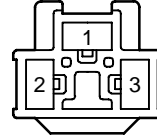
**T1**  
(Sequential Manual Transmission) BLACK



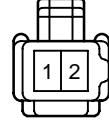
**T2**



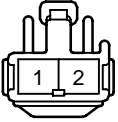
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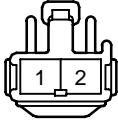
**T4**



**T5**



**T6**



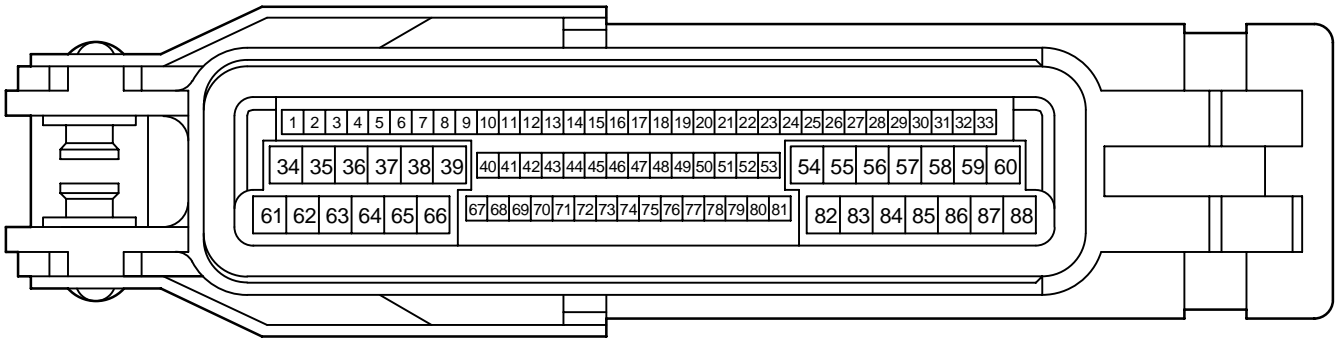
**T7**  
GRAY



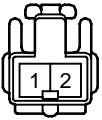
**T8**  
GRAY



**T9**  
BROWN



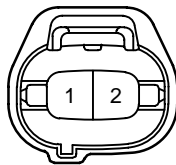
**U1**



**V1**  
BLACK



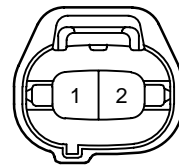
**V2**  
BLUE



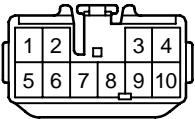
**V3**  
BLACK



**V4**  
BLUE



**W1**  
BLACK



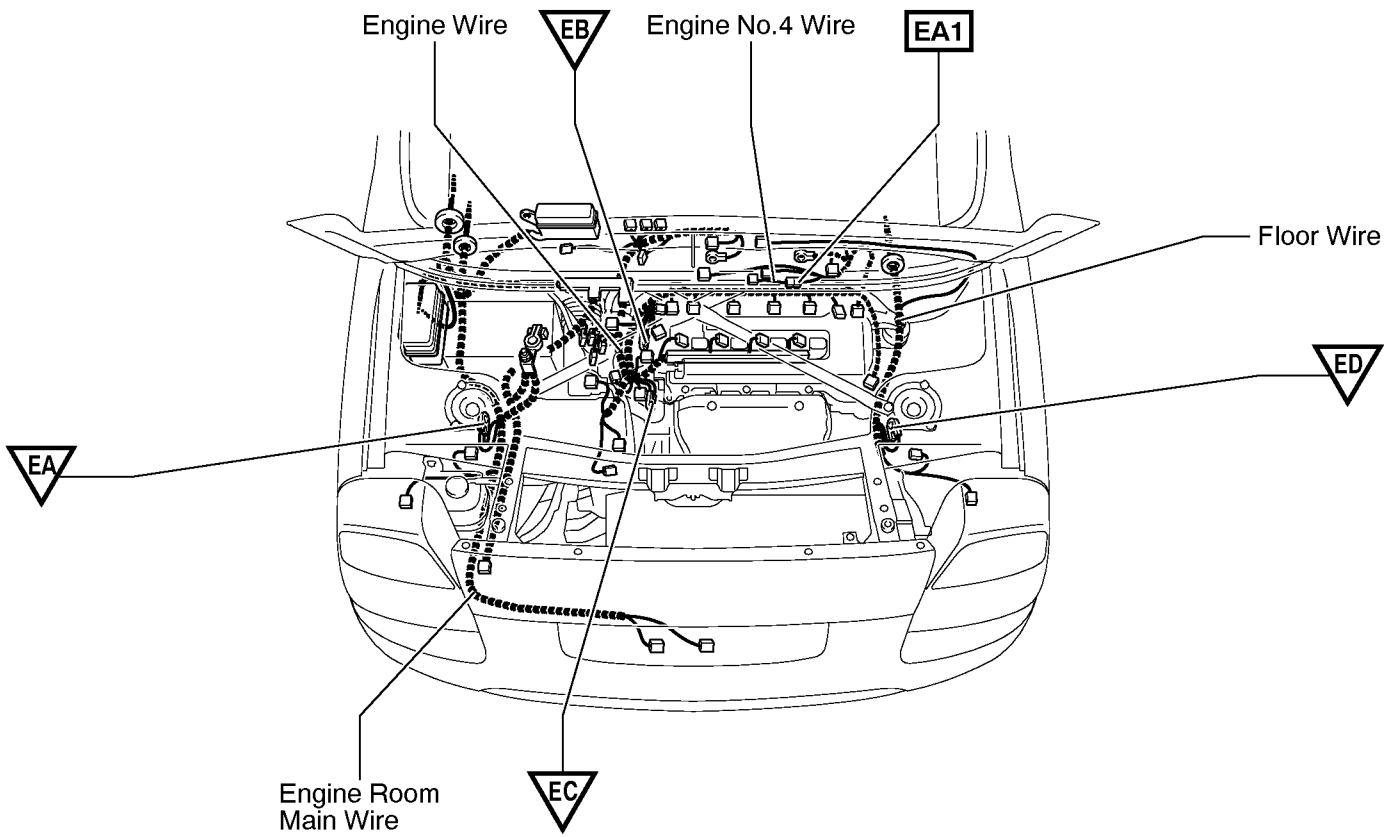
**W2**  
BLACK



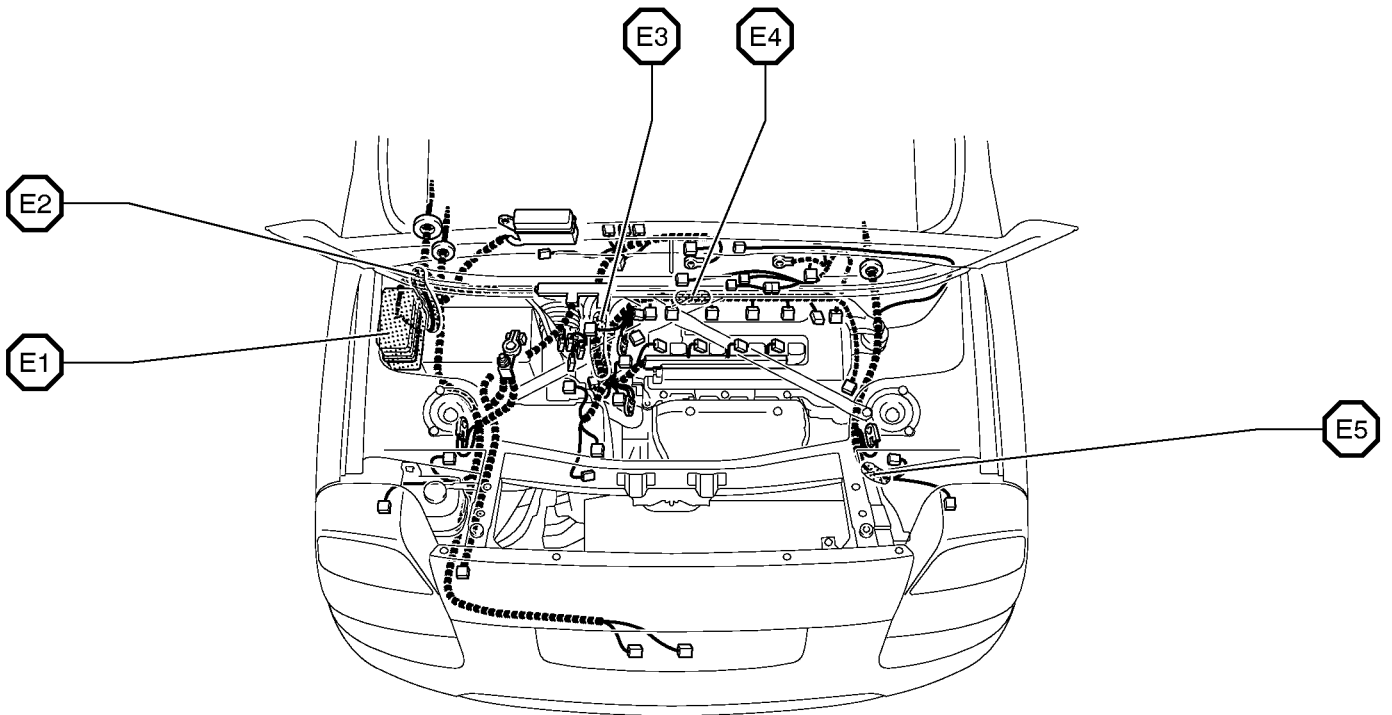
# G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

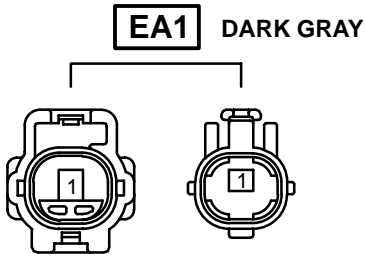
▽ : Location of Ground Points



○ : Location of Splice Points



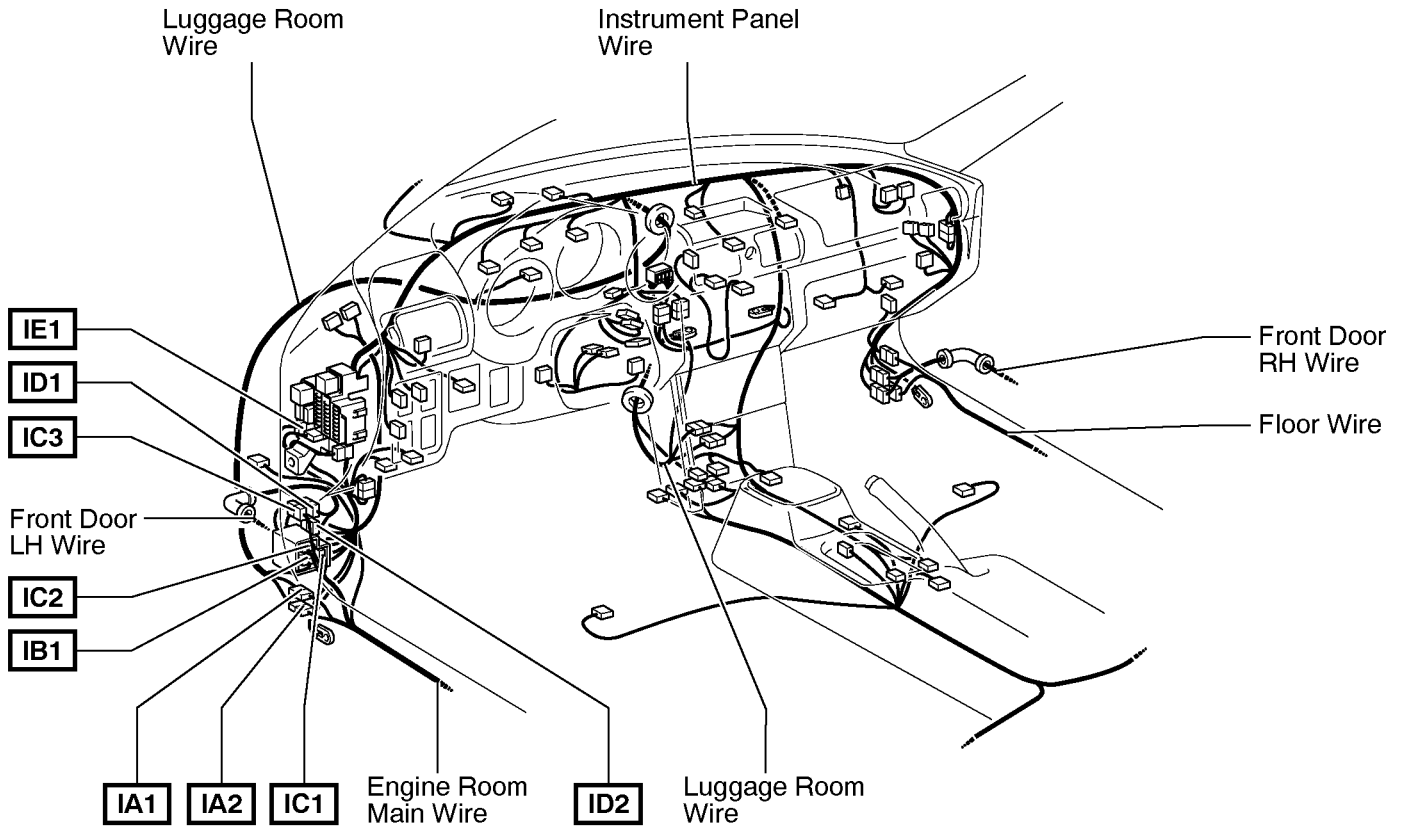
## Connector Joining Wire Harness and Wire Harness



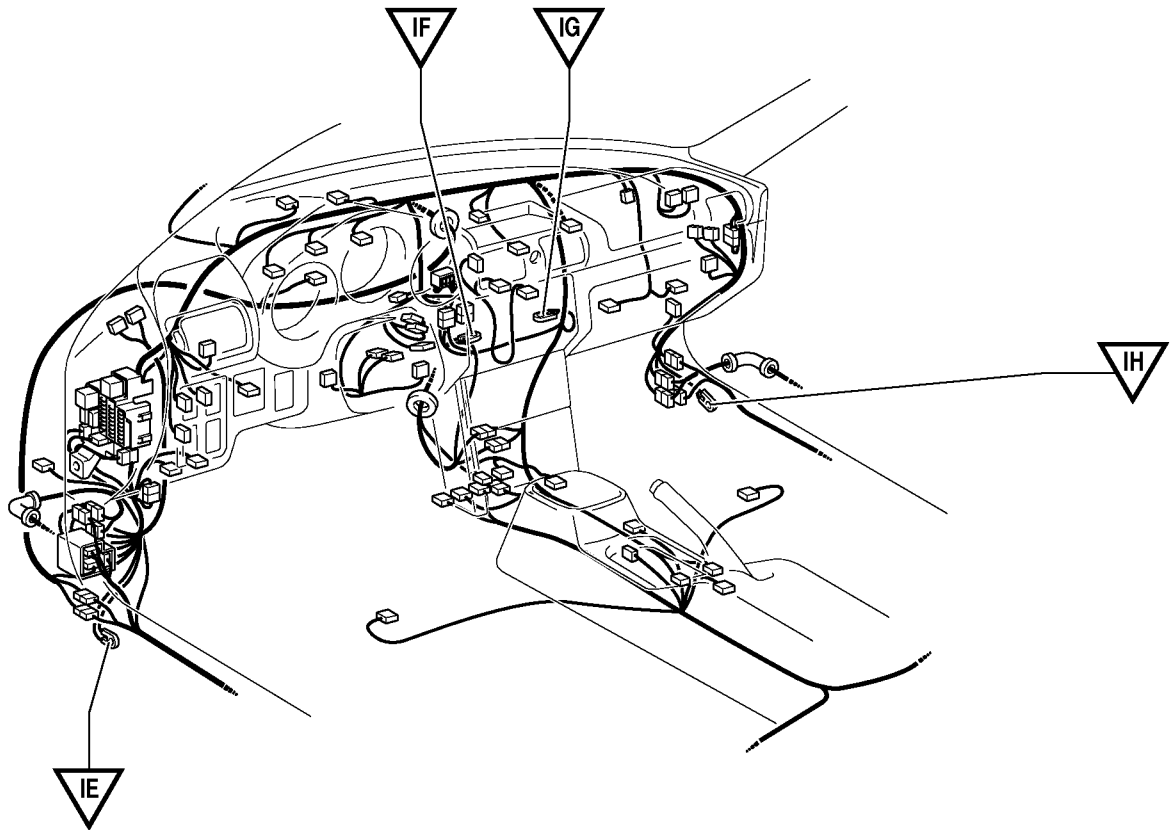
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine No.4 Wire and Engine Wire (Near the Generator)

# G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

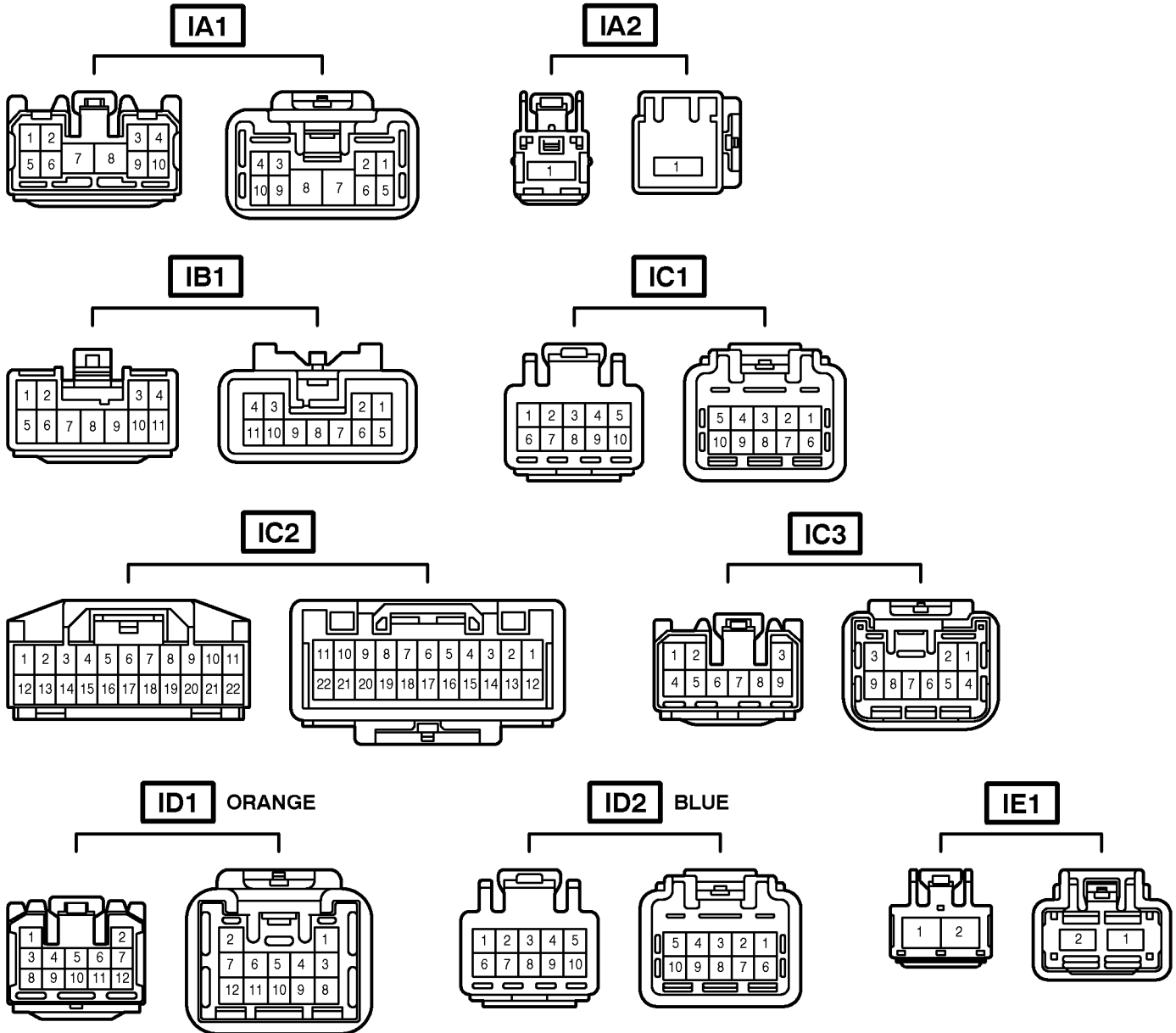


▽ : Location of Ground Points





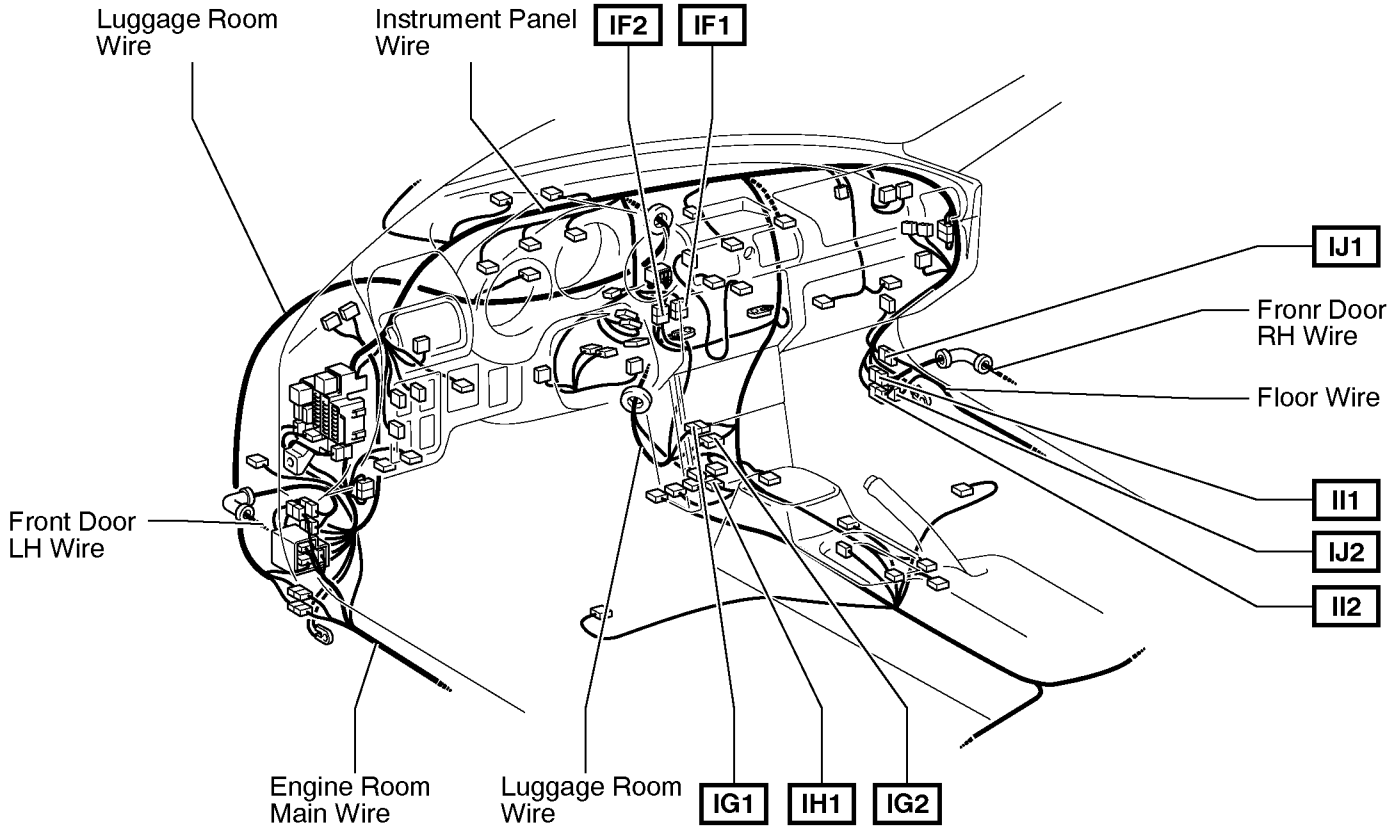
## Connector Joining Wire Harness and Wire Harness



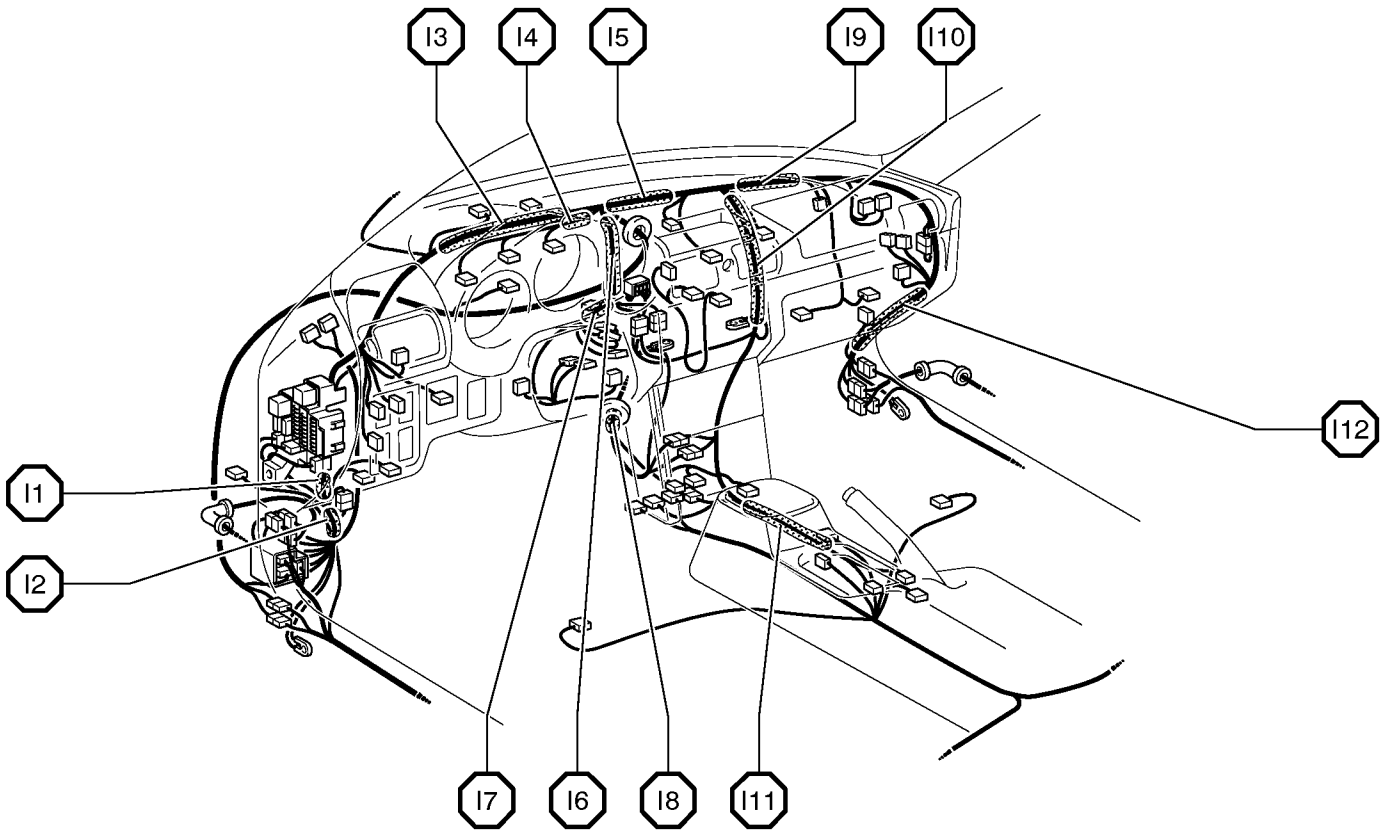
Code	Joining Wire Harness and Wire Harness (Connector Location)
IA1	Engine Room Main Wire and Luggage Room Wire (Left Kick Panel)
IA2	Engine Room Main Wire and Luggage Room Wire (Left Kick Panel)
IB1	Luggage Room Wire and Instrument Panel Wire (Left Kick Panel)
IC1	Engine Room Main Wire and Instrument Panel Wire (Left Kick Panel)
IC2	Engine Room Main Wire and Instrument Panel Wire (Left Kick Panel)
IC3	Engine Room Main Wire and Instrument Panel Wire (Left Kick Panel)
ID1	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
ID2	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IE1	Engine Room Main Wire and Instrument Panel Wire (Left Side of Instrument Panel)

# G ELECTRICAL WIRING ROUTING

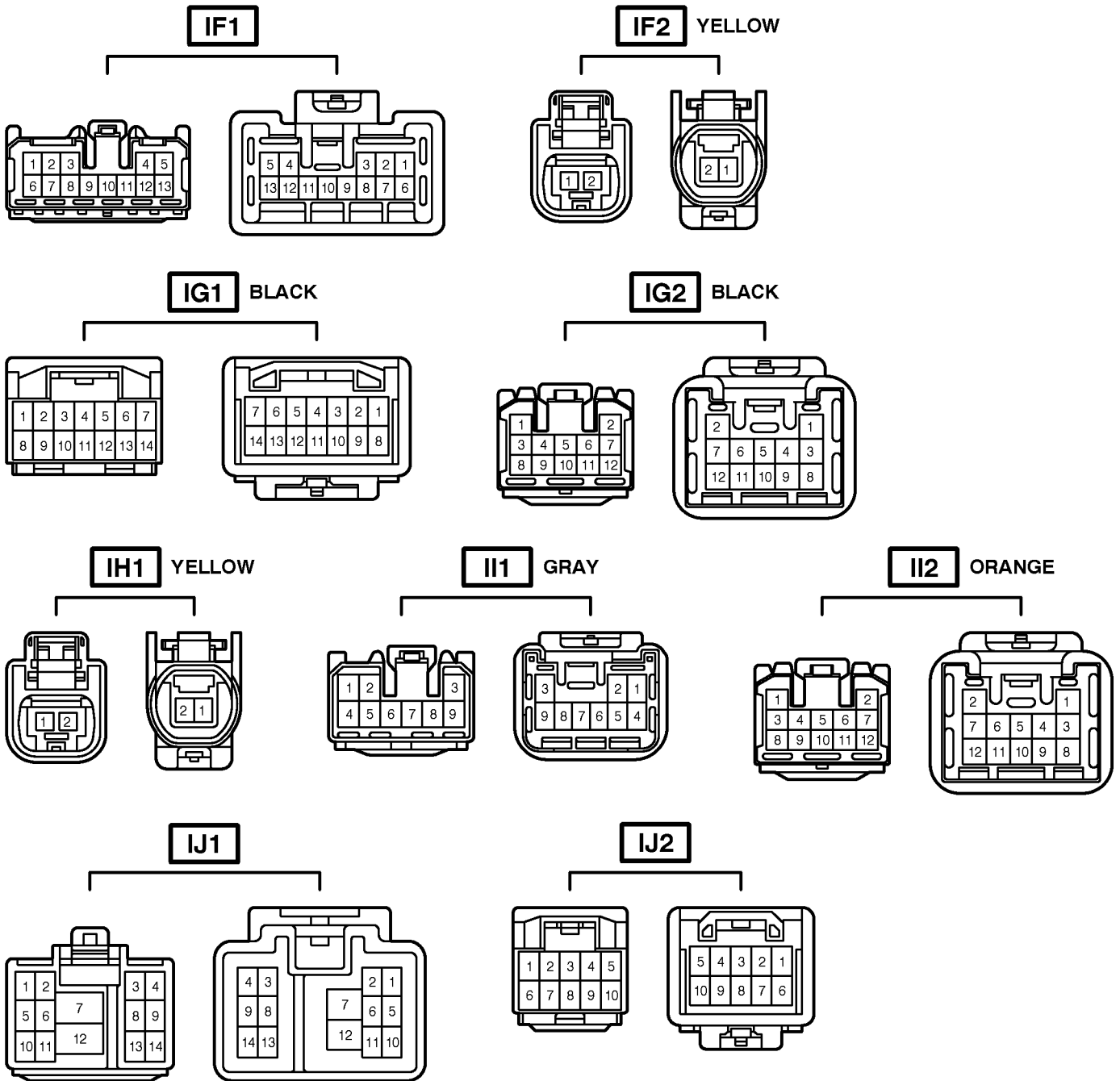
**□ : Location of Connector Joining Wire Harness and Wire Harness**



**○ : Location of Splice Points**



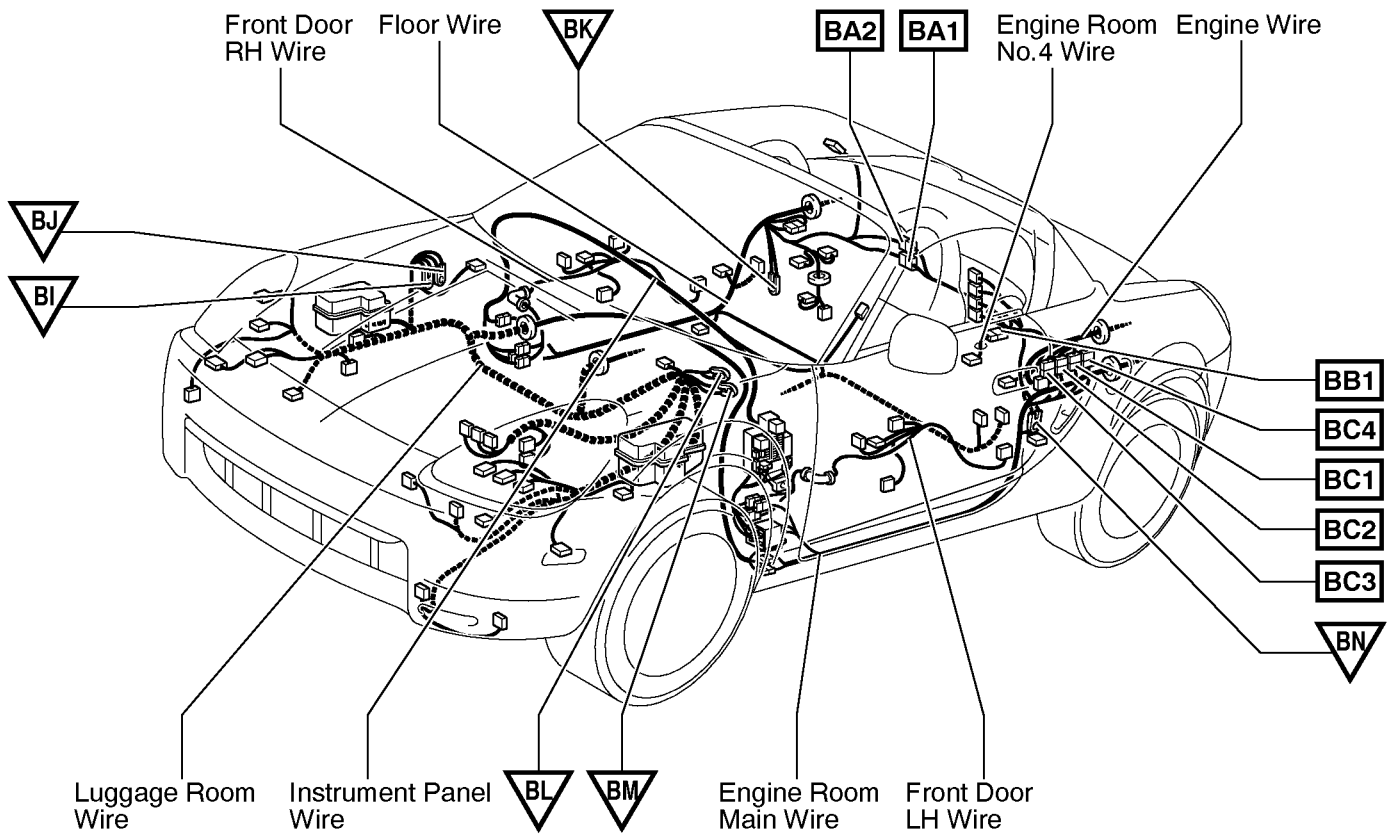
## Connector Joining Wire Harness and Wire Harness



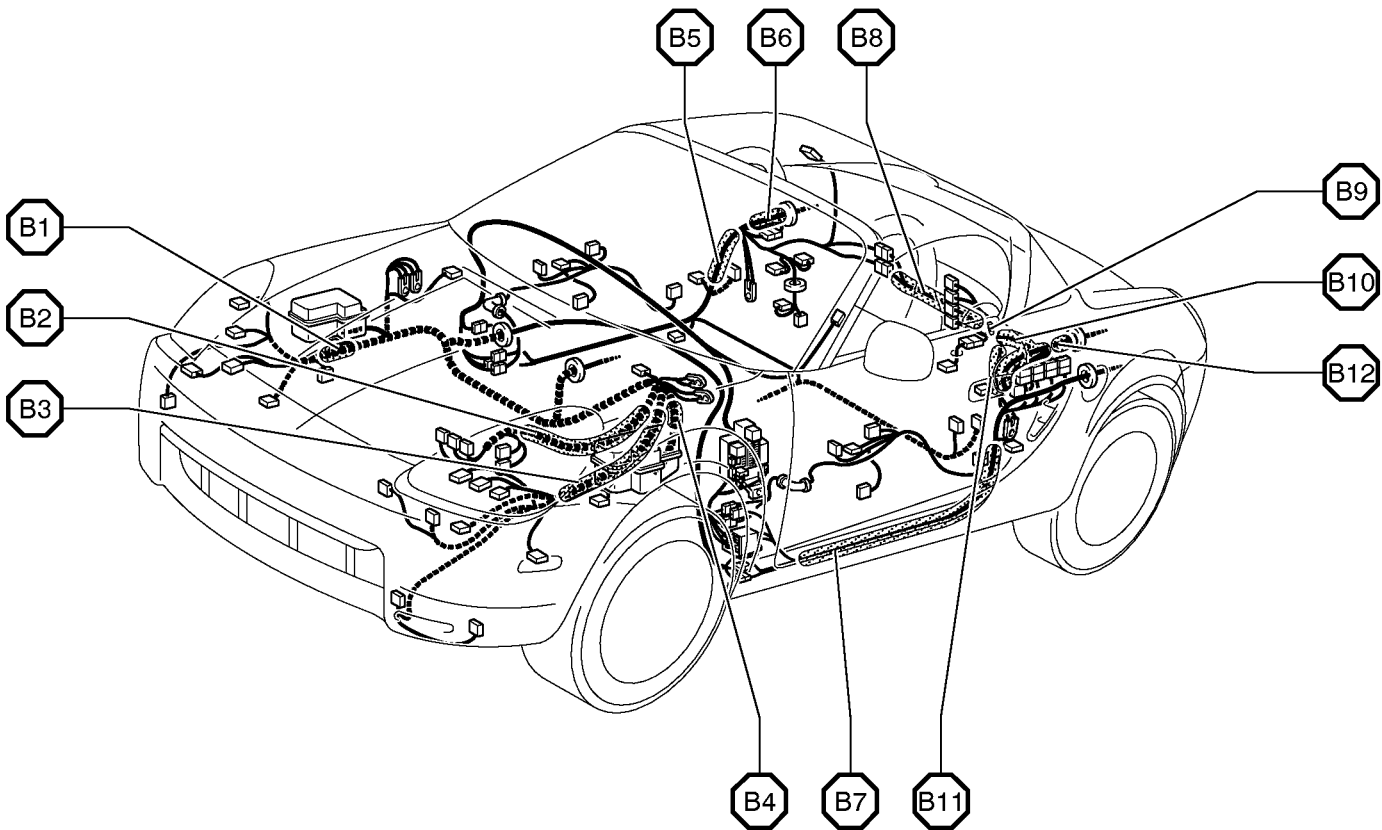
Code	Joining Wire Harness and Wire Harness (Connector Location)
IF1	Luggage Room Wire and Instrument Panel Wire (Instrument Panel Brace LH)
IF2	Luggage Room Wire and Instrument Panel Wire (Instrument Panel Brace LH)
IG1	Luggage Room Wire and Instrument Panel Wire (Under the Instrument Panel Center)
IG2	Luggage Room Wire and Instrument Panel Wire (Under the Instrument Panel Center)
IH1	Instrument Panel Wire and Luggage Room Wire (Under the Instrument Panel Center)
II1	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
II2	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IJ1	Floor Wire and Instrument Panel Wire (Right Kick Panel)
IJ2	Floor Wire and Instrument Panel Wire (Right Kick Panel)

# G ELECTRICAL WIRING ROUTING

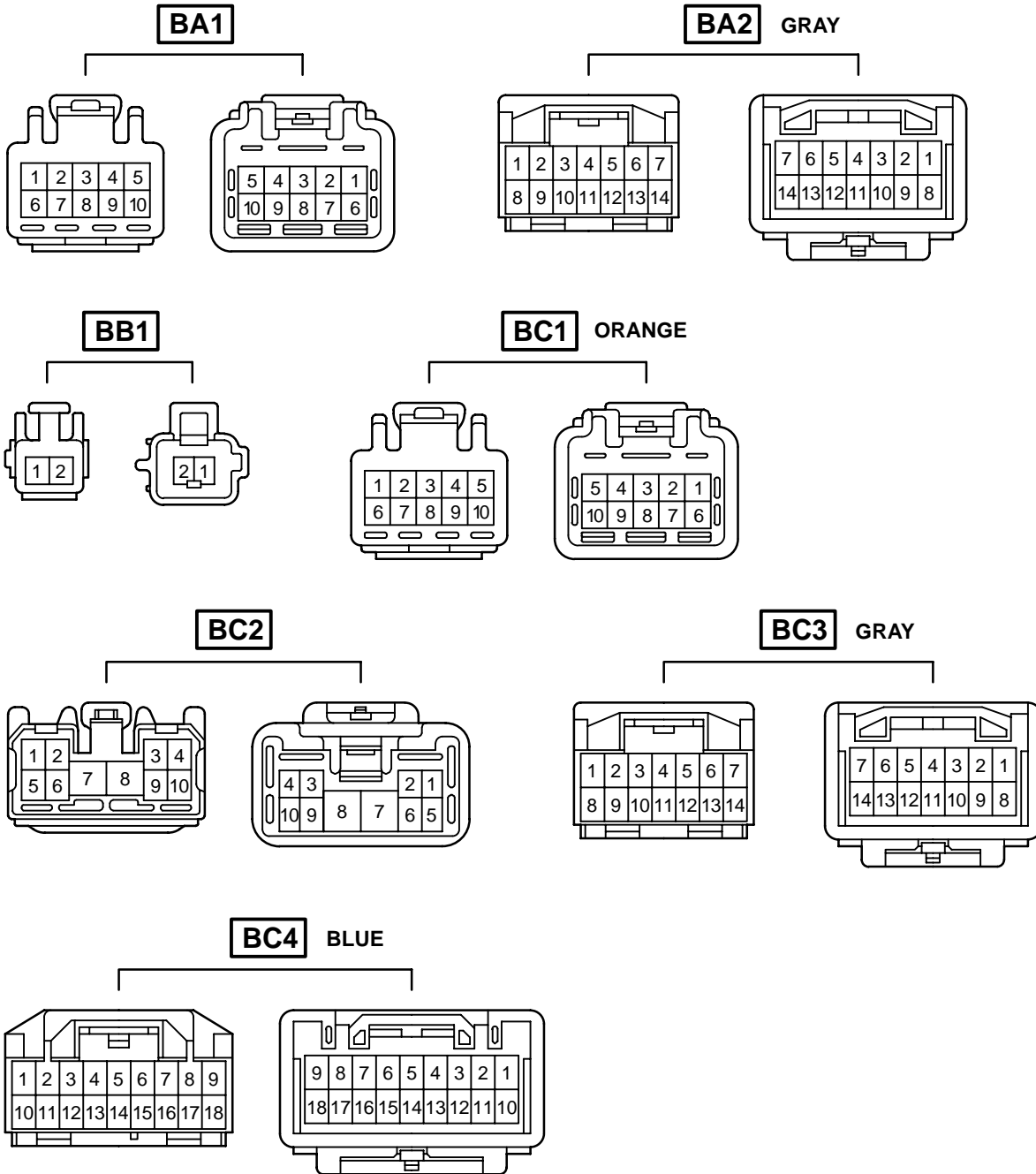
□ : Location of Connector Joining Wire Harness and Wire Harness  
 ▽ : Location of Ground Points



○ : Location of Splice Points



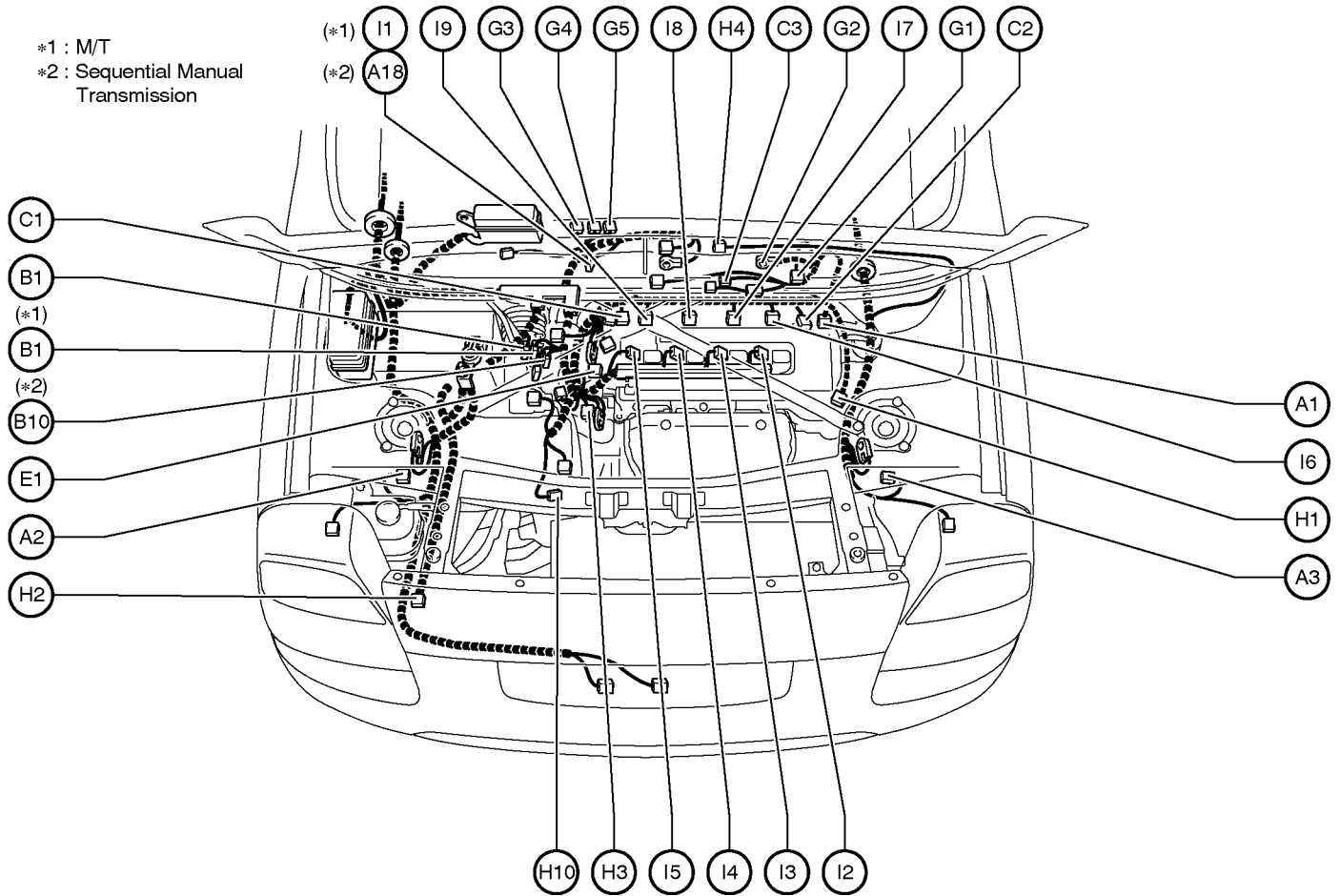
## Connector Joining Wire Harness and Wire Harness



Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Engine Room Main Wire and Floor Wire (Right Side of Room Partition Panel)
BA2	
BB1	Engine Room No.4 Wire and Engine Room Main Wire (Left Side of Room Partition Panel)
BC1	Engine Wire and Engine Room Main Wire (Quarter Panel LH)
BC2	
BC3	
BC4	

# G ELECTRICAL WIRING ROUTING

## Position of Parts in Engine Compartment



A 1 A/C Magnetic Clutch and Lock Sensor  
 A 2 ABS Speed Sensor Rear LH  
 A 3 ABS Speed Sensor Rear RH  
 A18 Accel Position Sensor

B 1 Back-Up Light SW  
 B10 Back-Up Light SW No.2

C 1 Camshaft Position Sensor  
 C 2 Camshaft Timing Oil Control Valve  
 C 3 Crankshaft Position Sensor

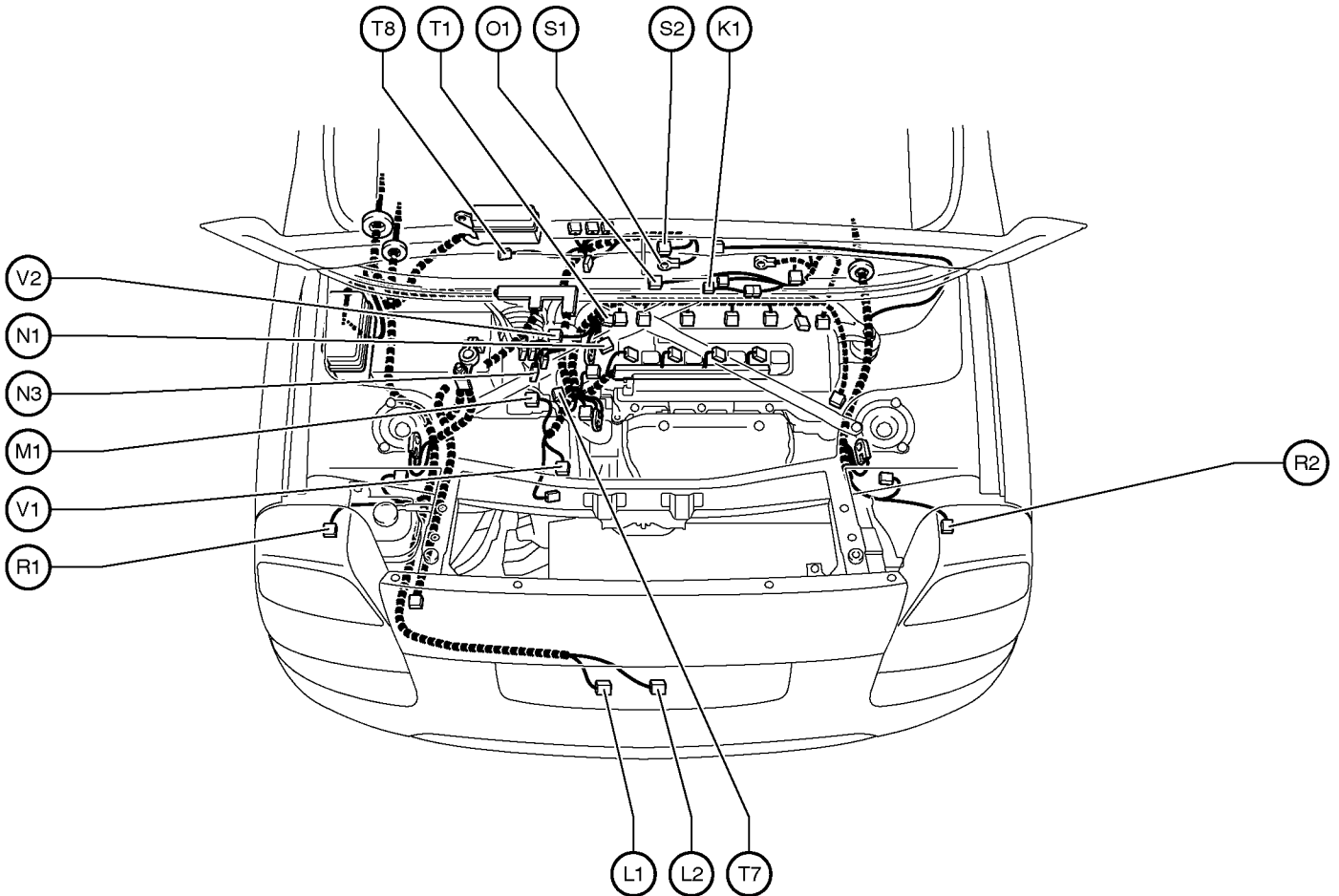
E 1 Engine Coolant Temp. Sensor

G 1 Generator  
 G 2 Generator  
 G 3 Gear Shift Actuator  
 G 4 Gear Shift Actuator  
 G 5 Gear Shift Actuator

H 1 Heated Oxygen Sensor (Bank 1 Sensor 1)  
 H 2 Heated Oxygen Sensor (Bank 1 Sensor 2)  
 H 3 Heated Oxygen Sensor (Bank 2 Sensor 1)  
 H 4 High Mounted Stop Light  
 H10 Hydraulic Power Unit

I 1 Idle Air Control Valve  
 I 2 Ignition Coil and Igniter No.1  
 I 3 Ignition Coil and Igniter No.2  
 I 4 Ignition Coil and Igniter No.3  
 I 5 Ignition Coil and Igniter No.4  
 I 6 Injector No.1  
 I 7 Injector No.2  
 I 8 Injector No.3  
 I 9 Injector No.4

## Position of Parts in Engine Compartment



K 1 Knock Sensor

L 1 License Plate Light LH  
L 2 License Plate Light RH

M 1 Mass Air Flow Meter

N 1 Noise Filter (Ignition)  
N 3 Neutral Start SW

O 1 Oil Pressure SW

R 1 Rear Combination Light LH  
R 2 Rear Combination Light RH

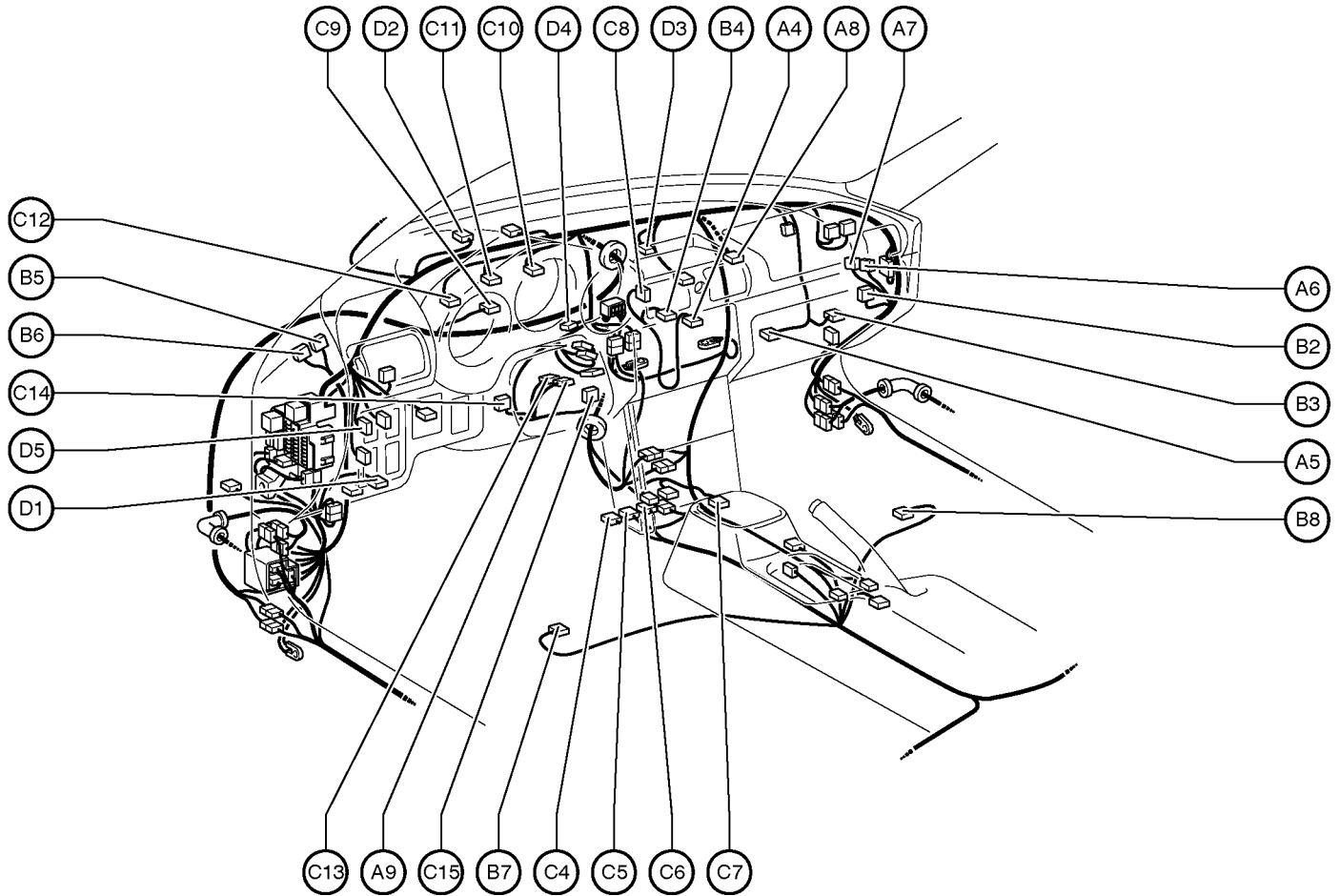
S 1 Starter  
S 2 Starter

T 1 Throttle Position Sensor  
T 7 Throttle Control Motor  
T 8 Transmission Revolution Sensor

V 1 VSV (Canister Closed Valve)  
V 2 VSV (EVAP)

# G ELECTRICAL WIRING ROUTING

## Position of Parts in Instrument Panel

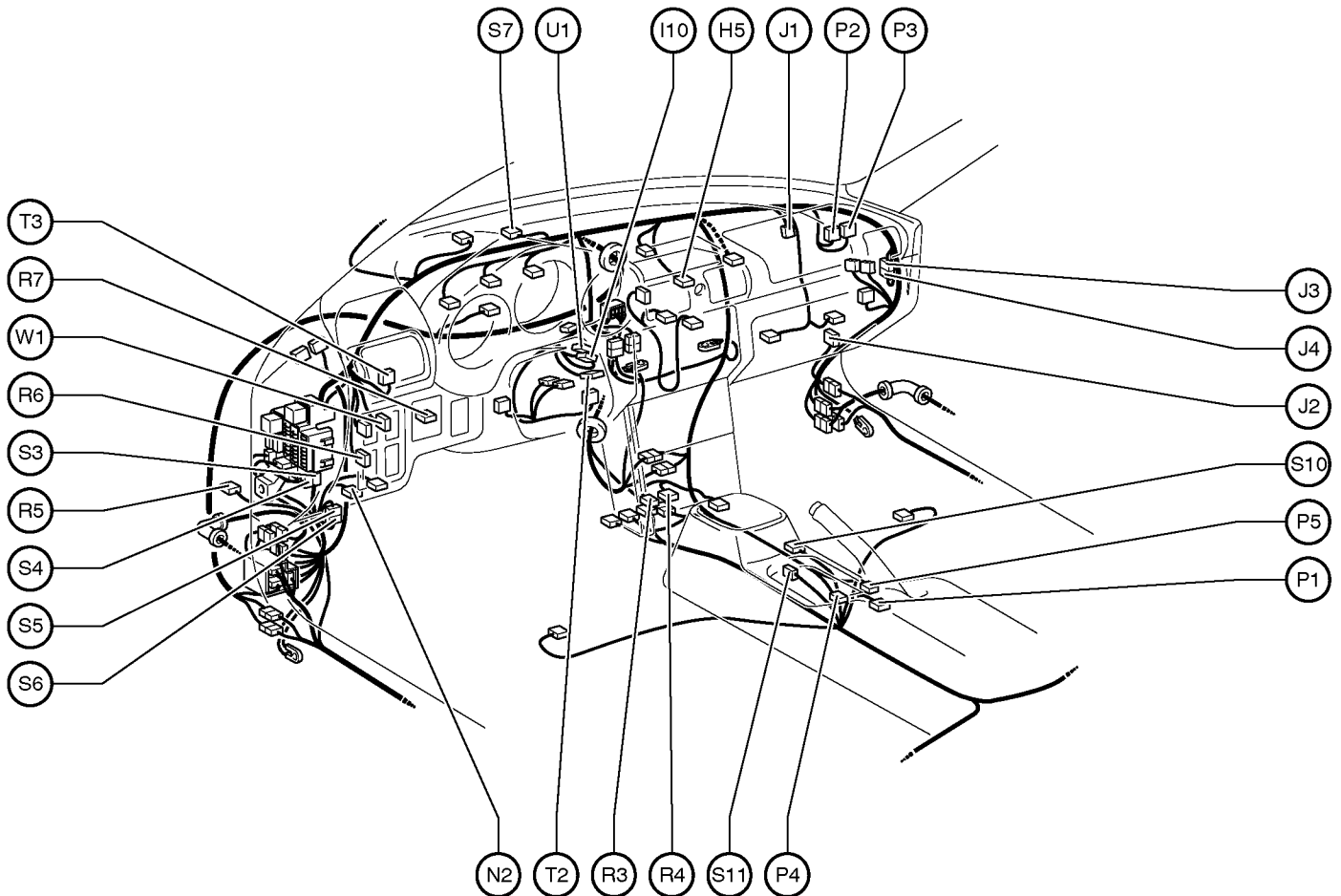


- A 4 A/C SW
- A 5 A/C Thermistor
- A 6 ABS ECU
- A 7 ABS ECU
- A 8 Airbag Squib (Passenger's Airbag Assembly)
- A 9 Airbag Squib (Steering Wheel Pad)
  
- B 2 Blower Motor
- B 3 Blower Resistor
- B 4 Blower SW
- B 5 Body ECU
- B 6 Body ECU
- B 7 Buckle SW and Tension Reducer LH
- B 8 Buckle SW RH and Seat Belt Warning Occupant Detection Sensor

- C 4 Center Airbag Sensor Assembly
- C 5 Center Airbag Sensor Assembly
- C 6 Center Airbag Sensor Assembly
- C 7 Cigarette Lighter
- C 8 Clock
- C 9 Clutch Start SW
- C10 Combination Meter
- C11 Combination Meter
- C12 Combination Meter
- C13 Combination SW
- C14 Combination SW
- C15 Combination SW
  
- D 1 Data Link Connector 3
- D 2 Daytime Running Light Relay
- D 3 Diode (Door Courtesy)
- D 4 Diode (DRL)
- D 5 Door Lock Control SW



## Position of Parts in Instrument Panel



H 5 Hazard SW

I 10 Ignition SW

J 1 Junction Connector

J 2 Junction Connector

J 3 Junction Connector

J 4 Junction Connector

N 2 Noise Filter (Rear Window Defogger)

P 1 Parking Brake SW

P 2 Passenger Airbag Manual ON/OFF SW

P 3 Passenger Airbag Manual ON/OFF SW

P 4 Power Window Control SW LH

P 5 Power Window Control SW RH

R 3 Radio and Player

R 4 Radio and Player

R 5 Rear Window Defogger Relay

R 6 Rheostat

R 7 Remote Control Mirror SW

S 3 Short Connector (SRS No.1)

S 4 Short Connector (SRS No.1)

S 5 Short Connector (SRS No.2)

S 6 Short Connector (SRS No.2)

S 7 Stop Light SW

S10 Shift Lever Position Sensor

S11 Shift Lock Control ECU

T 2 Transponder Key Amplifier

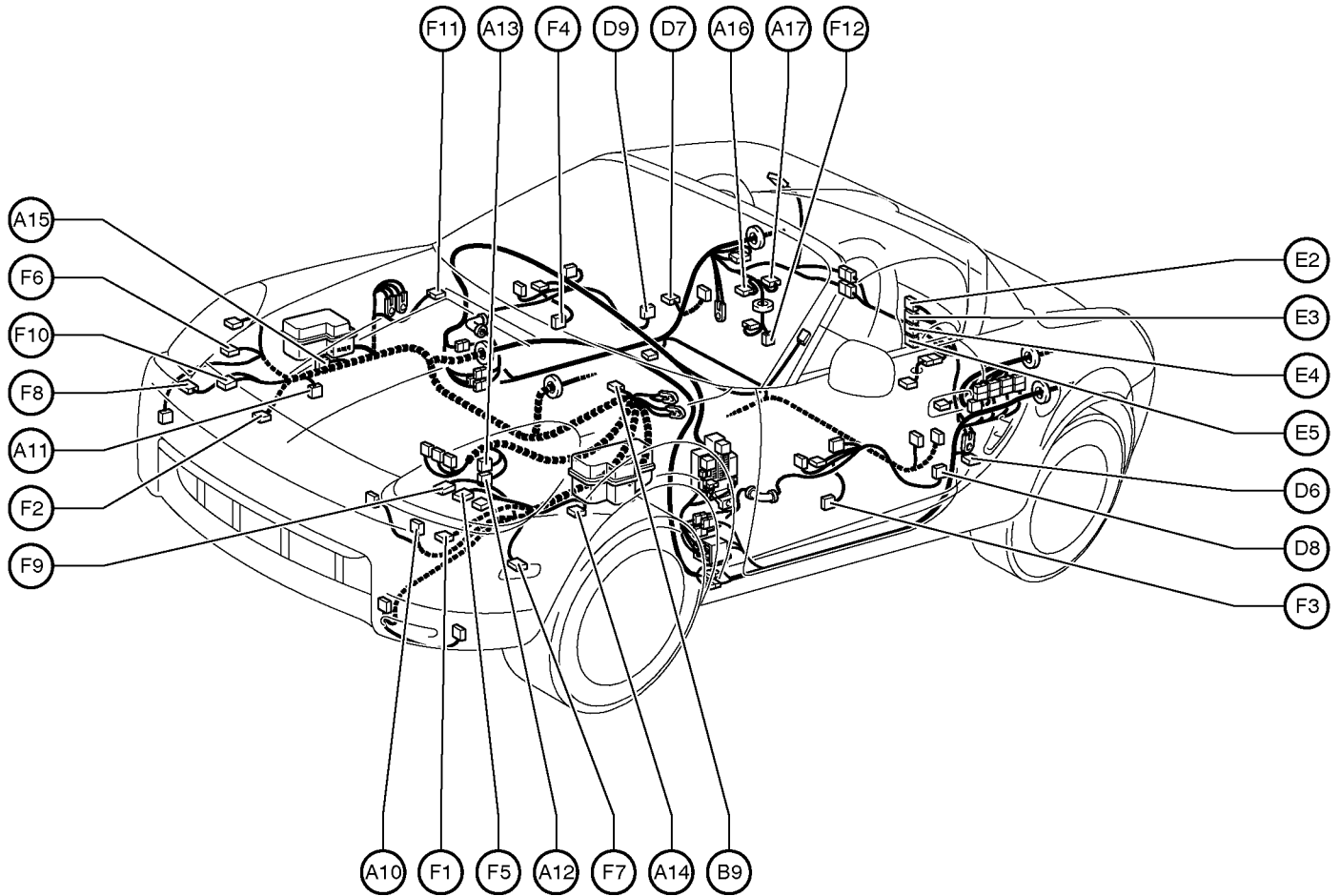
T 3 Turn Signal Flasher Relay

U 1 Unlock Warning SW

W 1 Window Lock SW

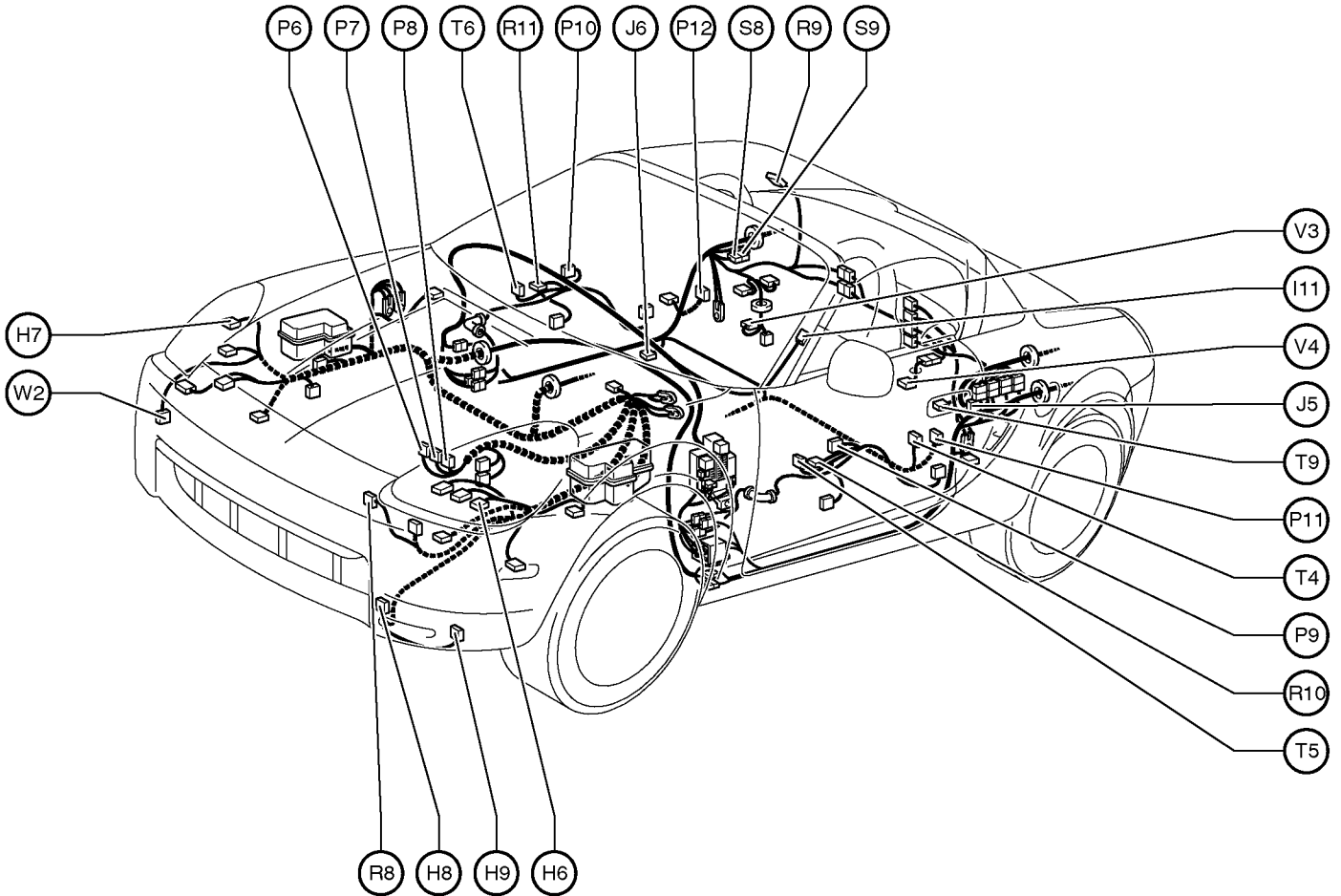
# G ELECTRICAL WIRING ROUTING

## Position of Parts in Body



- |   |                                 |
|---|---------------------------------|
| A 10 A/C Condenser Fan Motor  | E 2 Engine Control Module       |
| A 11 A/C Triple Pressure SW<br>(A/C Dual and Single Pressure SW)                    | E 3 Engine Control Module       |
| A 12 ABS Actuator   | E 4 Engine Control Module       |
| A 13 ABS Actuator   | E 5 Engine Control Module       |
| A 14 ABS Speed Sensor Front LH  | F 1 Front Airbag Sensor LH      |
| A 15 ABS Speed Sensor Front RH  | F 2 Front Airbag Sensor RH      |
| A 16 Auto Antenna Motor   | F 3 Front Door Speaker LH       |
| A 17 Auto Antenna Relay   | F 4 Front Door Speaker RH       |
| B 9 Brake Fluid Level Warning SW  | F 5 Front Parking Light LH      |
| D 6 Door Courtesy SW LH   | F 6 Front Parking Light RH      |
| D 7 Door Courtesy SW RH   | F 7 Front Side Marker Light LH  |
| D 8 Door Lock Motor, Door Key Lock and Unlock SW and<br>Door Unlock Detection SW LH | F 8 Front Side Marker Light RH  |
| D 9 Door Lock Motor, Door Key Lock and Unlock SW and<br>Door Unlock Detection SW RH | F 9 Front Turn Signal Light LH  |
|   | F 10 Front Turn Signal Light RH |
|   | F 11 Front Wiper Motor          |
|   | F 12 Fuel Pump and Fuel Sender  |

## Position of Parts in Body



H 6 Headlight LH  
 H 7 Headlight RH  
 H 8 Horn LH  
 H 9 Horn RH

I 11 Interior Light

J 5 Junction Connector  
 J 6 Junction Connector

P 6 Power Steering ECU  
 P 7 Power Steering ECU  
 P 8 Power Steering ECU  
 P 9 Power Window Motor LH  
 P10 Power Window Motor RH  
 P11 Pretensioner LH  
 P12 Pretensioner RH

R 8 Radiator Fan Motor  
 R 9 Rear Window Defogger  
 R10 Remote Control Mirror LH  
 R11 Remote Control Mirror RH

S 8 Short Connector (Rear Window Defogger)  
 S 9 Short Connector (Rear Window Defogger)

T 4 Tension Reducer Solenoid LH  
 T 5 Tweeter LH  
 T 6 Tweeter RH  
 T 9 Transmission Control ECU

V 3 Vapor Pressure Sensor  
 V 4 VSV(Pressure Switching Valve)

W 2 Washer Motor