RUSH / TERIOS Electrical Wiring Diagram

Pub. No. EM05F0ED

FOREWORD

This wiring diagram manual has been prepared to provide information on the electrical system of the TOYOTA RUSH / DAIHATSU TERIOS.

Applicable models: F700 Series

Refer to the following manuals for additional service specifications and repair procedures for these models:

Manual Name	Pub. No.
RUSH / TERIOS Repair Manual	RM05F0ED

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.

NOTICE

Always follow the directions given in the above repair manuals when handling supplemental restraint system components (such as removal, installation, inspection, etc.) in order to prevent accidents and supplemental restraint system malfunction.

RUSH / TERIOS ELECTRICAL WIRING DIAGRAM

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A INTRODUCTION

This manual consists of the following 13 sections:

No.	Section	Description		
	INDEX	Index of the contents of this manual.		
A	INTRODUCTION	Brief explanation of each section.		
В	HOW TO USE THIS MANUAL	Instructions on how to use this manual.		
С	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.		
	INDEX	Index of the system circuits.		
н	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. (Only wiring information for complete circuits is included.)		
ı	GROUND POINT	Shows ground positions of all parts described in this manual.		
J	POWER SOURCE (Current Flow Chart)	Describes power distribution from the power supply to various electrical loads.		
К	CONNECTOR LIST	Describes the form of the connectors for the parts appeared in this book. This section is closely related to the system circuit.		
L	PART NUMBER OF CONNECTORS	Indicates the part number of the connectors used in this manual.		
М	OVERALL ELECTRICAL WIRING DIAGRAM	Provides circuit diagrams showing the circuit connections. (Only wiring information for complete circuits is included.)		

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.)

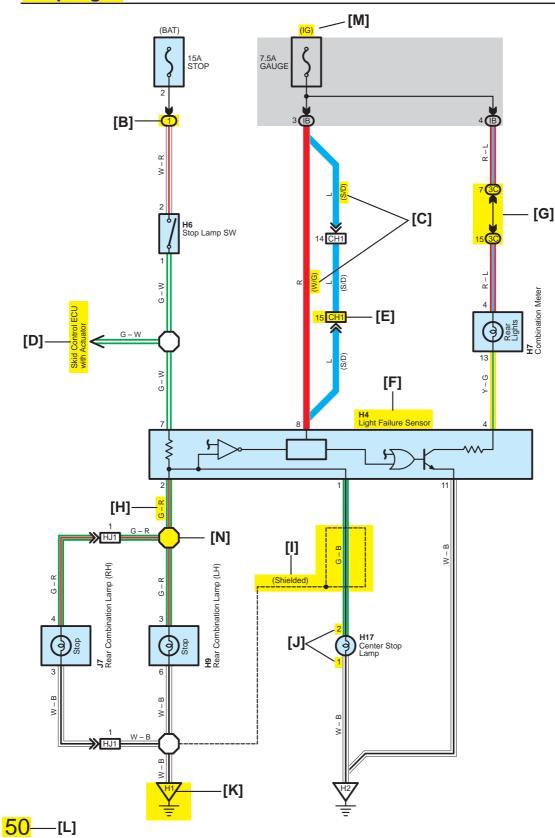
When troubleshooting any problem, first understand the operation of the circuit where the problem was detected (see System Circuit section), the power source supplying power to that circuit (see Power Source section), and the ground points (see Ground Point section). See the System Outline to understand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

When the circuit operation is understood, begin troubleshooting of the problem circuit to isolate the cause. Use Relay Location and Electrical Wiring Routing sections to find each part, junction block and wiring harness connectors, wiring harness and wiring harness connectors 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 Electrical Wiring Diagram at the end of 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

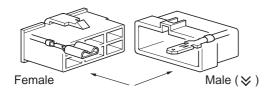
[B] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B

Example: 1 Indicates Relay Block No.1

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

[D] : Indicates related system.

[E] : Indicates the code for the (male and female) connectors which are used to join two wire harnesses. The connector code consists of two alphabetical and one numerical characters.



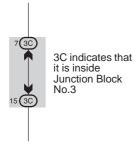
The first character of the connector code indicates the alphabetical code allocated to the wire harness which has the female connector, and the second shows that of the wire harness which has the male connector.

The third character indicates a serial number used to distinguish between the wire harness combinations in cases when more than one of the same combination of wire harnesses exist (e.g. CH1 and CH2).

Symbol (\lesssim) indicates the male terminal connector. Numbers outside connector codes indicate the pin numbers of both male and female connectors.

- [F] : Represents a part (all parts are shown in sky blue). The code is the same as the code used in parts position.
- [G]: Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

Example:



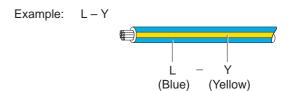
[H]: Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

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

O = Orange

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

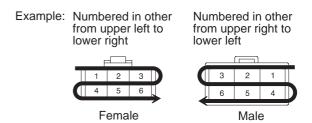


[I] : Indicates a shielded cable.



[J] : Indicates the pin number of the connector.

The numbering system is different for female and male connectors.



[K] : Indicates the ground point. The code consists of the two characters: A letter and number. The first character of the code indicates the alphabetical code allocated to the wire harness. The second character indicates a serial number used to distinguish between the ground points in cases when more than one ground point exist on the same wire harness.

[L] : Page No.

[M] : Indicates the ignition key position(s) when the power is supplied to the fuse(s).

[N] : Indicates a wiring Splice Point.

Example:



B HOW TO USE THIS MANUAL

[0]

System Outline

Current is applied at all times through the STOP fuse to TERMINAL 2 of the stop lamp SW.

When the ignition SW is turned on, current flows from the GAUGE fuse to TERMINAL 8 of the light failure sensor, and also flows through the rear lights warning light to TERMINAL 4 of the light failure sensor.

Stop Light Disconnection Warning

When the ignition SW is turned on and the brake pedal is pressed (Stop lamp SW on), if the stop light circuit is open, the current flowing from TERMINAL 7 of the light failure sensor to TERMINALS 1, 2 changes, so the light failure sensor detects the disconnection and the warning circuit of the light failure sensor is activated.

As a result, the current flows from TERMINAL 4 of the light failure sensor to TERMINAL 11 to GROUND and turns the rear lights warning light on. By pressing the brake pedal, the current flowing to TERMINAL 8 of the light failure sensor keeps the warning circuit on and holds the warning light on until the ignition SW is turned off.

[P] : Parts Location

Code	See Page	Code	See Page	Code	See Page
H4	36	H7	36	H17	38
H6	36	H9	38	J7	38

[Q] : Relay Blocks

Code	See Page	ge Relay Blocks (Relay Block Location)	
1	18	R/B No.1 (Instrument Panel Brace LH)	

[R] : Junction Block and Wire Harness Connector

Code	See Page Junction Block and Wire Harness (Connector Location)		
3C	3C 22 Instrument Panel Wire and J/B No.3 (Instrument Panel Brace LH)		
IB	20	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)	

[S] : Connector Joining Wire Harness and Wire Harness

Code See Page Joining Wire Harness and Wire Harness (Connector Location)			
CH1 42 Engine Room Main Wire and Instrument Panel Wire (Left Kick Panel)			
HJ1	50	Instrument Panel Wire and Floor Wire (Right Kick Panel)	

[T] : Ground Points

Code	See Page	Ground Points Location	
H1	H1 50 Under the Left Center Pillar		
H2	50	Back Panel Center	

[O]: Explains the system outline.

[P]: Indicates reference pages showing the parts locations in the system circuit on the vehicle.

Example: Code "H4" (Light Failure Sensor) is on page 36 of the manual.

* The first character of the code indicates the alphabetical code allocated to the wire harness, and the second character indicates the serial number of the parts connected to the wire harness.

Example : H 4
Serial number for the connected parts
Code for the wire harness

[Q]: 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 18 of this manual and is installed on the left side of the instrument panel.

[R]: Indicates the reference page showing the position on the vehicle of J/B and Wire Harness in the system circuit.

Example: Connector "3C" connects the Instrument Panel Wire and J/B No.3. It is described on page 22 of this manual, and is installed on the instrument panel left side.

[S]: 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).

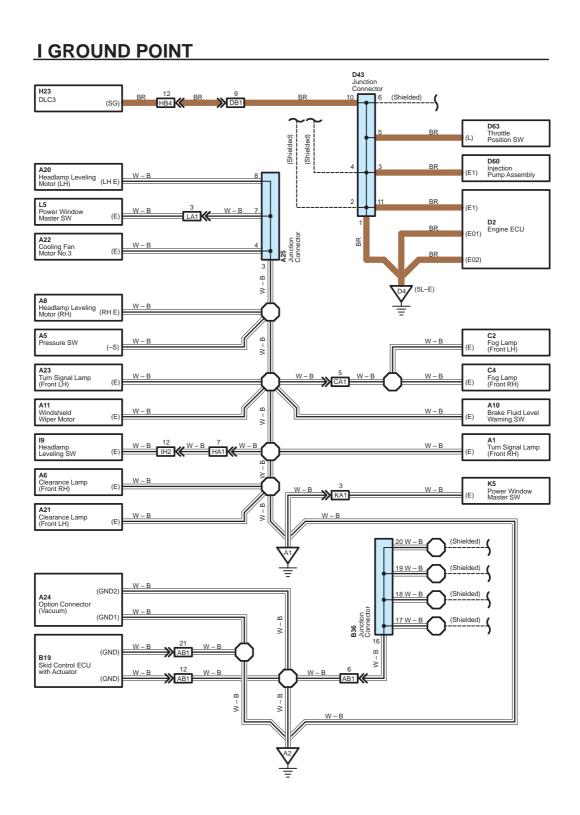
Example: Connector "CH1" connects the Engine Room Main Wire (female) and Instrument Panel Wire (male). It is described on page 42 of this manual, and is installed on the left side kick panel.

[T]: Indicates the reference page showing the position of the ground points on the vehicle.

Example: Ground point "H2" is described on page 50 of this manual and is installed on the back panel center.

B HOW TO USE THIS MANUAL

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 (A) and A shown below) can also be checked this way.

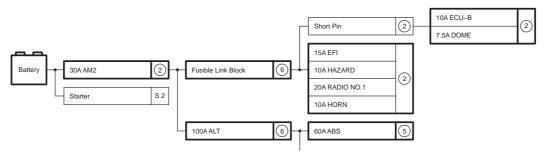


^{*} The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

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.

J POWER SOURCE (Current Flow Chart)

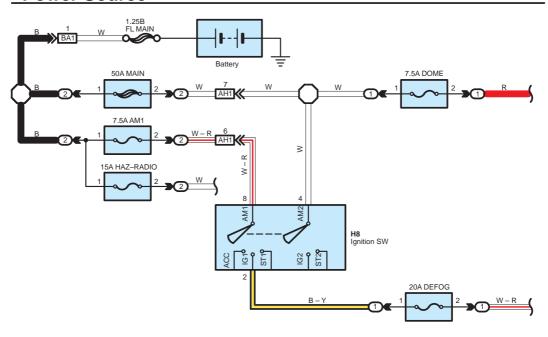
The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fues, etc.) and other parts



Engine Room R/B (See Page 20)

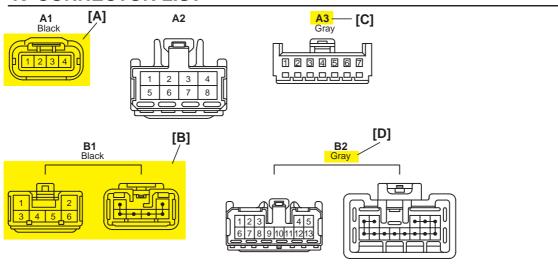
	Fuse	System	Page
20A	STOP	ABS ABS and Traction Control Cruise Control Electronically Controlled Transmission Multiplex Communication System	194 187 180 166 210
10A	DOME	Cigarette Lighter Combination Meter Headlight Interior Light Key Reminder and Seat Belt Warning Light Auto Turn Off System	214 230 112 122

Power Source

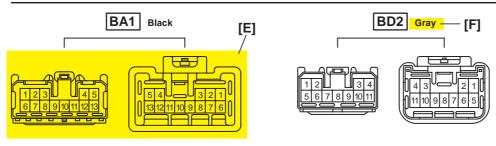


* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

K CONNECTOR LIST



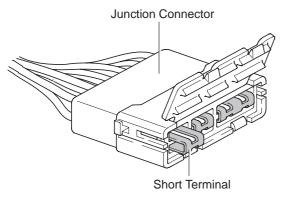
K CONNECTOR LIST



[A]: Indicates connector to be connected to a part. (The numeral indicates the pin No.)

[B]: Junction Connector

Indicates a connector which is connected to a short terminal.



Junction connector in this manual include a short terminal which is connected to a number of wire harnesses. Always perform inspection with the short terminal installed.

[C]: Parts Code

The first letter of the code is taken from the first letter of part, and the numbers indicates its order in parts which start with the same letter.

[D]: Connector Color

Connectors not indicated are milky white in color.

[E]: Indicates the connector shapes which are used to join wire harnesses.

On Left: Female connector shapes On Right: Male connector shapes Numbers indicate pin numbers.

[F]: Indicates connector colors. (Connectors with not indicated colors are white)

10

L PART NUMBER OF CONNECTORS

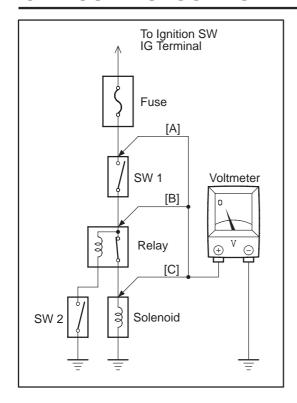
Code	Part Name	Part Number	Code	Part Name	Part Number
A1	Turn Signal Lamp (Front RH)	90980–11019	B22	Door Courtesy SW (Front LH)	90980–12470
A2	Inlet Air Temp. Sensor	90980-11163	B23	Front Seat Outer Belt (LH)	90980-12253
A3	Air Flow Meter	90980–12292	B24	Blower SW (Rear Heater)	90980–10463
A4	A/C Pressure Sensor	90980-10845	B25	Front Seat Outer Belt (RH)	90980–12253
A5	Pressure SW	90980-10943	B26	Door Courtesy SW (Front RH)	90980–12470
<i>F</i> 6	Clearance Lamp (Front RH)	90980-11156	B27	Cooling Fan ECU No.1	90980–10841
[A]	Headla [B] :H)	909 [C] 314	B28	Cooling Fan ECU No.2	30300-10041
A8	Headlamp Leveling Motor (RH)	90980–11016	B29	Water Temp. Sensor (Radiator)	90980–10735
A9	Brake Vacuum Warning SW	90980–11252	B30	Fuel Filter Warning SW	90980-11003
A10	Brake Fluid Level Warning SW	90980-11207	B32	Door Control Relay (LH)	90980–10789
A11	Windshield Washer Motor	90980–11599	B33	Step Lamp (LH)	90980–10121
A12	Airbag Sensor (Front RH)	90980–11856	B34	Junction Connector	
A13_	Air	90980–12490	B35	Topografia	90980–11398

[A]: Part Code[B]: Part Name

[C]: Part Number Toyota Part Number are indicated.

Not all of the above part numbers of the connector are established for the supply.

C TROUBLESHOOTING



VOLTAGE CHECK

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

Example:

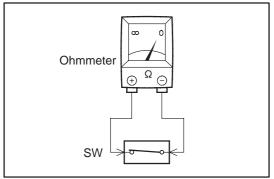
[A] - Ignition SW on

[B] - Ignition SW and SW 1 on

[C] - Ignition SW, SW 1 and Relay on (SW 2 off)

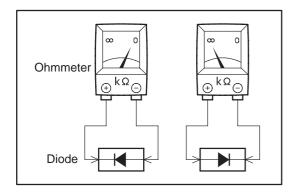
(b) Using a voltmeter, connect the negative lead to a good ground point or negative battery terminal, and the positive lead to the connector or component terminal.

This check can be done with a test light instead of a voltmeter.



CONTINUITY AND RESISTANCE CHECK

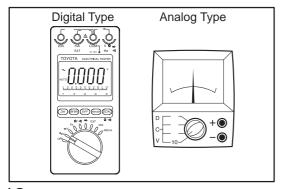
- (a) Disconnect the battery terminal or wire so there is no voltage between the check points.
- (b) Contact the two leads of an ohmmeter to each of the check points.



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

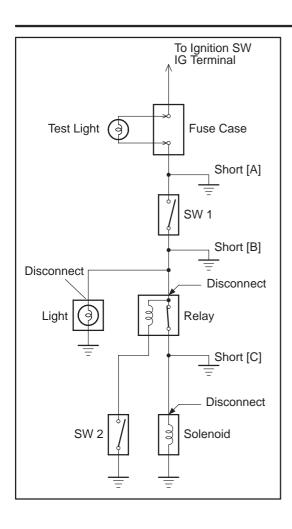
When contacting the negative lead to the diode positive side and the positive lead to the negative side, there should be continuity.

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.

12



FINDING A SHORT CIRCUIT

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

Example:

- [A] Ignition SW on[B] Ignition SW and SW 1 on
- [C] Ignition SW, SW 1 and Relay on (Connect the Relay) and SW 2 off (or Disconnect SW 2)
- (d) 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.
- (e) Find the exact location of the short by lightly shaking the problem wire along the body.

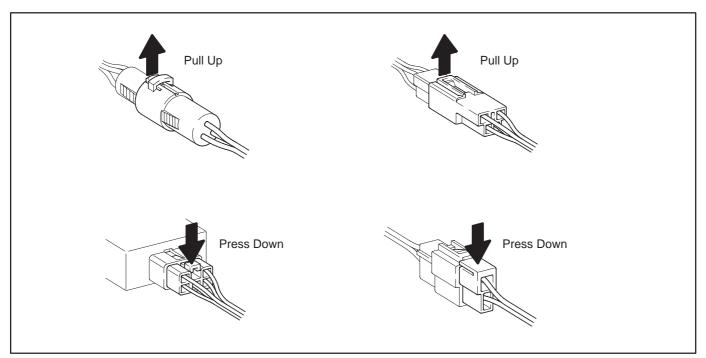
CAUTION:

- (a) 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.)
- (b) 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).

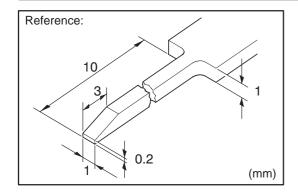
DISCONNECTION OF MALE AND FEMALE CONNECTORS

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.

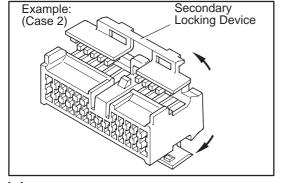


C TROUBLESHOOTING



Example: Up Tool (Case 1) Terminal Retainer

Terminal Retainer [Retainer at Full Lock Position] Terminal Retainer Retainer [Retainer at Temporary Lock Position]



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.

[A] For Non–Waterproof Type Connector

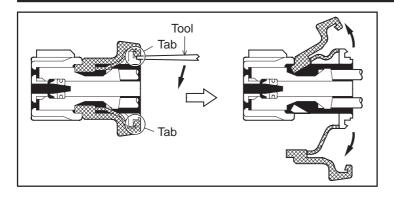
HINT: The needle insertion position varies according to the connector's shape (number of terminals etc.), so check the position before inserting it.

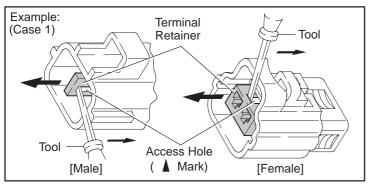
"Case 1"

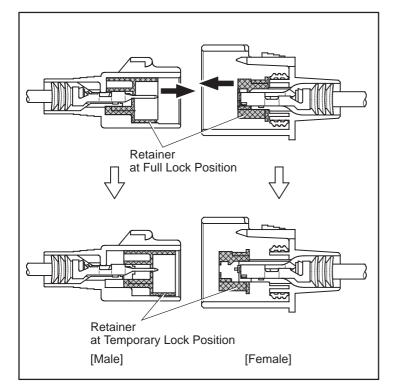
Raise the terminal retainer up to the temporary lock position.

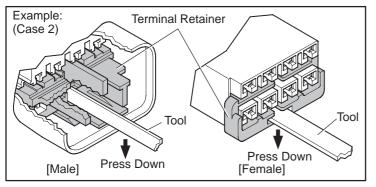
"Case 2"

Open the secondary locking device.









[B] 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).

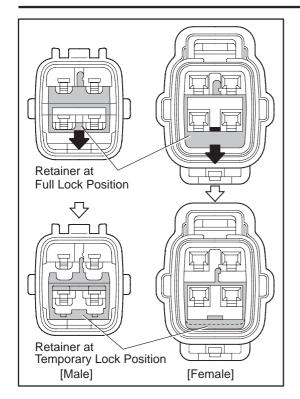
Insert the special tool into the terminal retainer access hole (Mark) and pull the terminal retainer up to the temporary lock position.

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

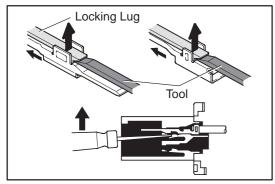
"Case 2"

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

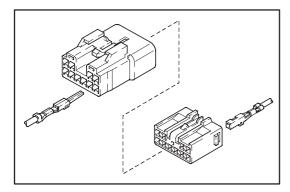
C TROUBLESHOOTING



Push the terminal retainer down to the temporary lock position.



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

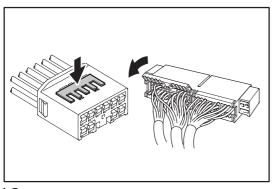


4. INSTALL TERMINAL TO CONNECTOR

(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

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ABBREVIATIONS

The following abbreviations are used in this manual.

A/C = Air Conditioner

A/T = Automatic Transaxle

ABS = Anti-Lock Brake System

CPU = Central Processing Unit

DLC3 = Data Link Connector 3

ECT = Electronic Control Transmission

ECU = Electronic Control Unit

EFI = Electronic Fuel Injection

ESA = Electronic Spark Advance

FL = Fusible Link

INT = Intermittent

ISC = Idle Speed Control

J/B = Junction Block

LCD = Liquid Crystal Display

LH = Left-Hand

M/T = Manual Transaxle

R/B = Relay Block

RH = Right-Hand

SRS = Supplemental Restraint System

SW = Switch

TEMP. = Temperature

VSV = Vacuum Switching Valve

VVT = Variable Valve Timing

w/ = With

w/o = Without

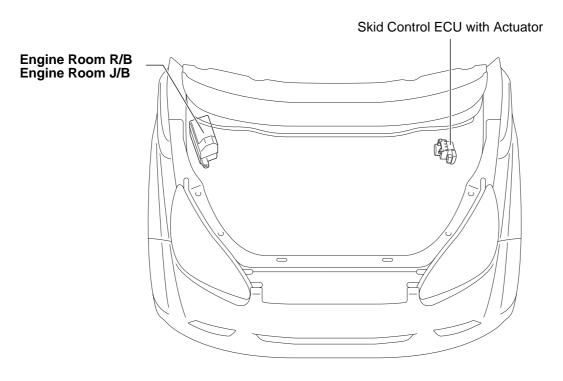
^{*} The titles given inside the components are the names of the terminals (terminal codes) and are not treated as being abbreviations.

E GLOSSARY OF TERMS AND SYMBOLS

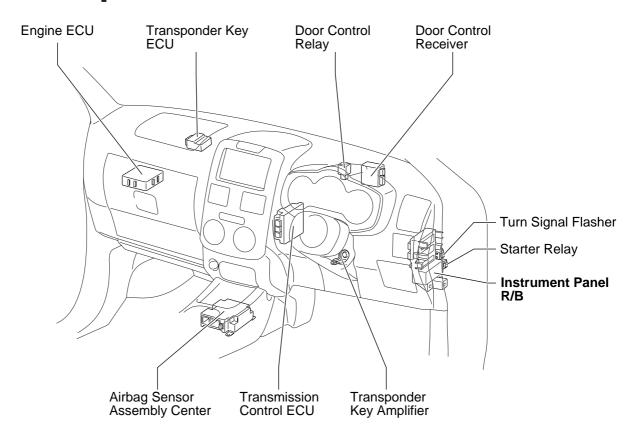
Stores chemical energy and converts it into electrical energy. Provides DC current for the auto's various electrical circuits.	GROUND The point at which wiring attaches to the Body, thereby providing a return path for an electrical circuit; without a ground, current cannot flow.
A small holding unit for temporary storage of electrical voltage.	1. SINGLE 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
CIGARETTE LIGHTER An electric resistance heating element.	2. DOUBLE FILAMENT
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.	HORN An electric device which sounds a loud audible signal.
A semiconductor which allows current flow in only one direction.	IGNITION COIL Converts low–voltage DC current into high–voltage ignition current for firing the spark plugs.
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.	Current flow through a filament causes the filament to heat up and emit light.
PHOTODIODE The photodiode is a semiconductor which controls the current flow according to the amount of light.	LED (LIGHT EMITTING DIODE) Upon current flow, these diodes emit light without producing the heat of a comparable light.
DISTRIBUTOR, IIA Channels high–voltage current from the ignition coil to the individual spark plugs.	METER, ANALOG Current flow activates a magnetic coil which causes a needle to move, thereby providing a relative display against a background calibration.
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	METER, DIGITAL Current flow activates one or many LED's, LCD's, or fluorescent displays, which provide a relative or digital display.
(for Medium Current Fuse) A heavy–gauge wire placed in high amperage circuits which burns through on overloads, thereby protecting the circuit. The numbers indicate the crosssection surface area of the wires.	MOTOR A power unit which converts electrical energy into mechanical energy, especially rotary motion.

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

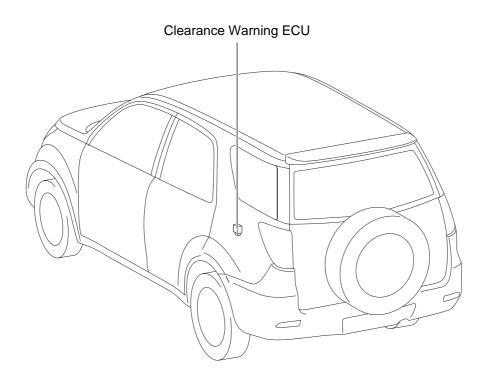
[Engine Compartment]

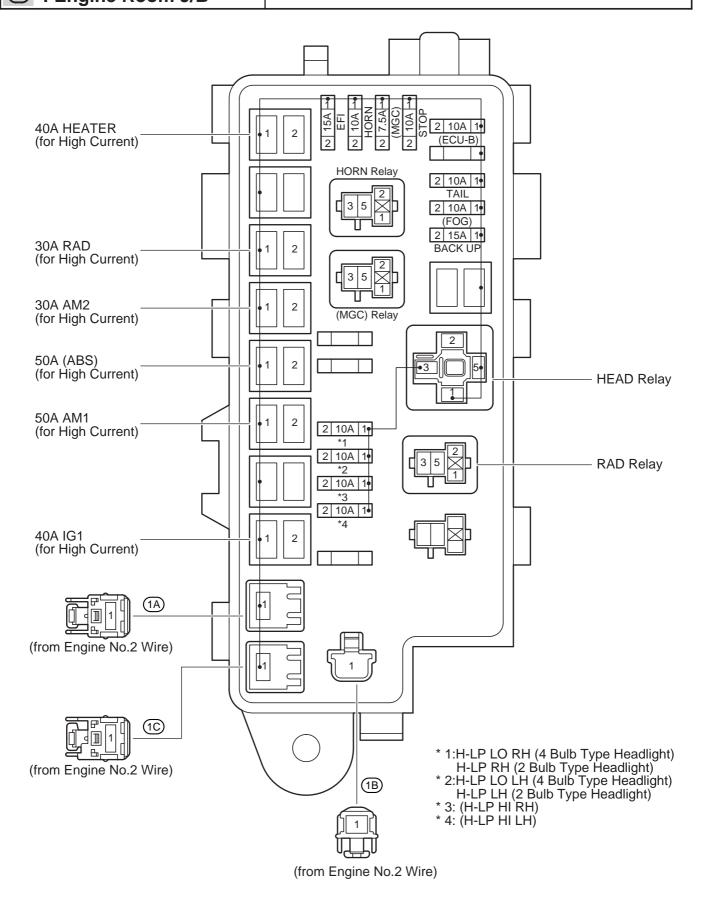


[Instrument Panel]

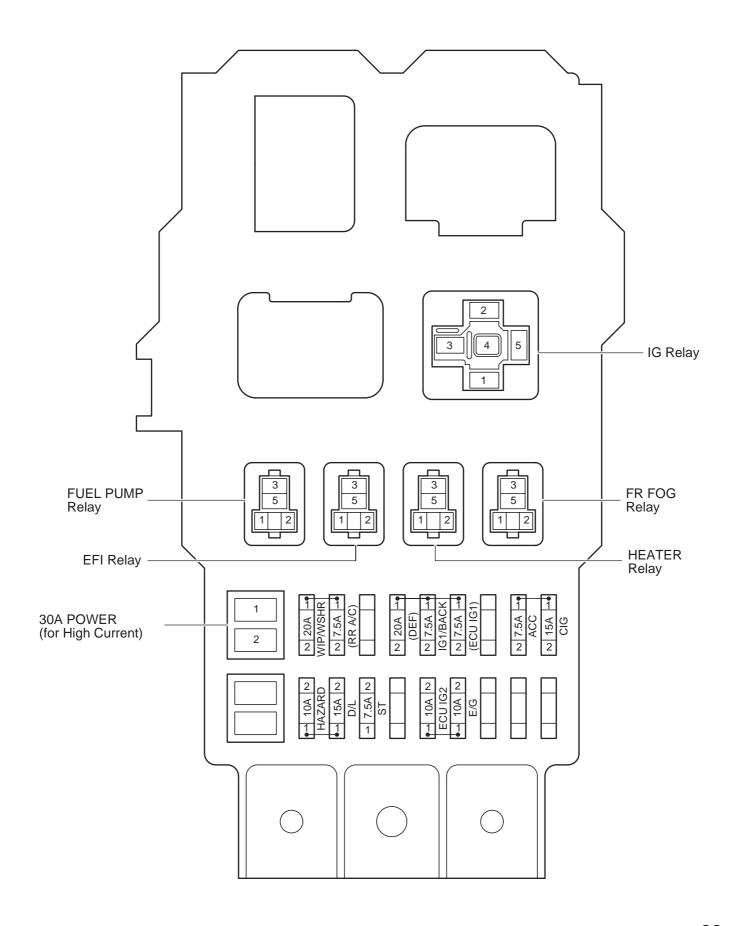


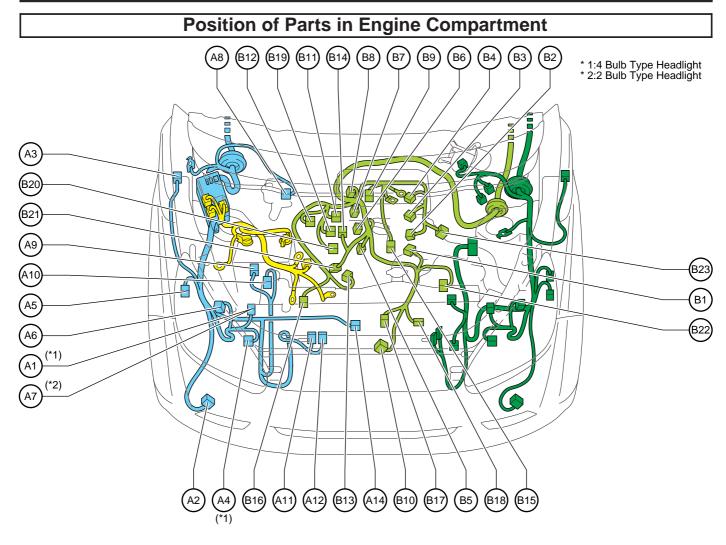
[Body]





② : Instrument Panel R/B Right Kick Panel (See Page 20)



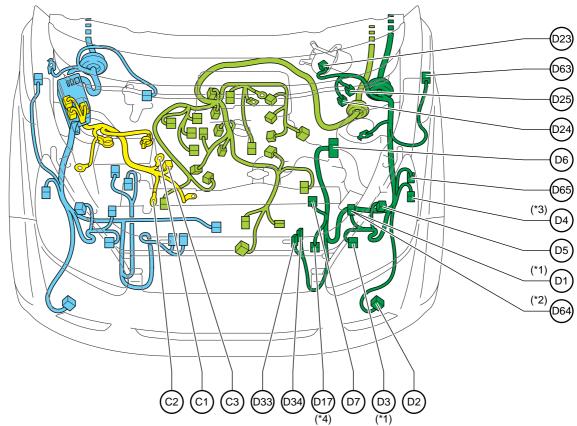


- A 1 Headlamp Assembly (RH)
- A 2 Fog Lamp (Front RH)
- A 3 Turn Signal Lamp (Front Side RH)
- A 4 Headlamp Assembly (RH)
- A 5 Turn Signal Lamp (Front RH)
- A 6 Clearance Lamp (Front RH)
- A 7 Headlamp (RH)
- A 8 Brake Fluid Level Warning SW
- A 9 Speed Sensor (Front RH)
- A10 Airbag Sensor (Front)
- A 11 Horn (Low)
- A12 Horn (Low)
- A14 Radiator Fan Motor

- B 1 Ignition Coil (No.1)
- B 2 Ignition Coil (No.2)
- B 3 Ignition Coil (No.3)
- B 4 Ignition Coil (No.4)
- B 5 Fuel Injector (No.1)
- B 6 Fuel Injector (No.2)
- B 7 Fuel Injector (No.3)
- B 8 Fuel Injector (No.4)
- B 9 Camshaft Position Sensor
- B10 Crankshaft Position Sensor
- B 11 Vacuum Sensor
- B12 Throttle Body Assembly
- B13 Knock Control Sensor
- B14 Intake Air Temp. Sensor
- B15 Water Temp. Sender Gage Water Temp. Sensor
- B16 Alternator
- B17 Engine Oil Pressure SW
- B18 A/C Compressor
- B19 Throttle Body ISC Valve
- B20 VSV (Purge)
- B21 Camshaft Timing Oil Control Valve
- B22 Power Steering Oil Pressure SW
- B23 Oxygen Sensor (Bank 1 Sensor 1)

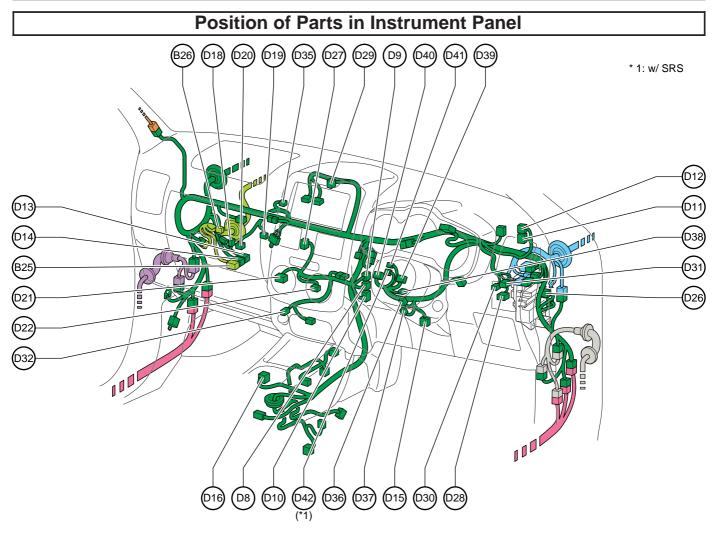
Position of Parts in Engine Compartment

- * 1:4 Bulb Type Headlight * 2:2 Bulb Type Headlight * 3:Single Horn Type * 4:Double Horn Type



- C 1 Starter
- C 2 Alternator
- C 3 Starter

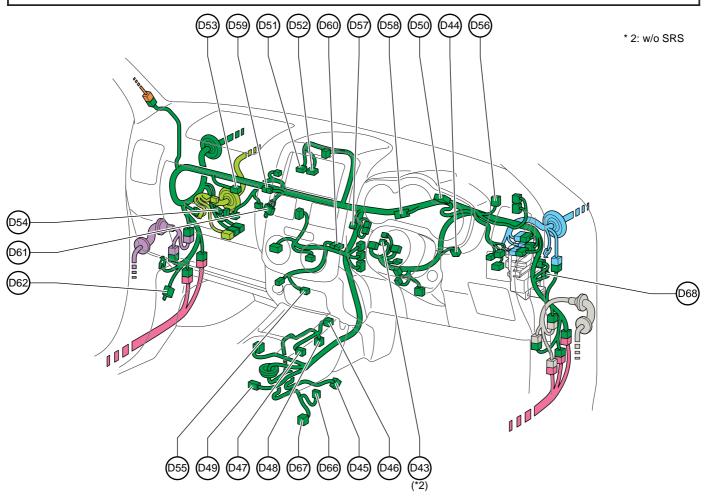
- D 1 Headlamp Assembly (LH)
- D 2 Fog Lamp (Front LH)
- D 3 Headlamp Assembly (LH)
- D 4 Turn Signal Lamp (Front LH)
- D 5 Clearance Lamp (Front LH)
- D 6 Skid Control ECU with Actuator
- D 7 Speed Sensor (Front LH)
- D17 A/C Pressure SW
- D23 Windshield Wiper Motor
- D24 Windshield Washer Motor
- D25 Rear Washer Motor
- D33 Horn (High)
- D34 Horn (High)
- D63 Turn Signal Lamp (Front Side LH)
- D64 Headlamp (LH)
- D65 A/C Pressure SW



B25 Engine ECU B26 Junction Connector

- D 8 Transmission Control ECU
- D 9 Transmission Control ECU
- D10 Transmission Control ECU
- D11 Door Control Receiver
- D12 Door Control Receiver
- D13 Engine ECU
- D14 Engine ECU
- D15 DLC3
- D16 Airbag Sensor Assembly Center
- D18 Blower Motor
- D19 A/C Thermistor No.1
- D20 Blower Resistor
- D21 Blower SW
- D22 A/C Volume SW
- D26 Turn Signal Flasher
- D27 Hazard Warning Signal SW
- D28 Outer Mirror SW
- D29 Clock
- D30 Rear Window Defogger SW
- D31 Security Indicator Lamp
- D32 Cigarette Lighter
- D35 Transponder Key ECU
- D36 Ignition SW
- D37 Unlock Warning SW
- D38 Transponder Key Amplifier
- D39 Combination SW
- D40 Combination SW
- D41 Spiral Cable
- D42 Spiral Cable

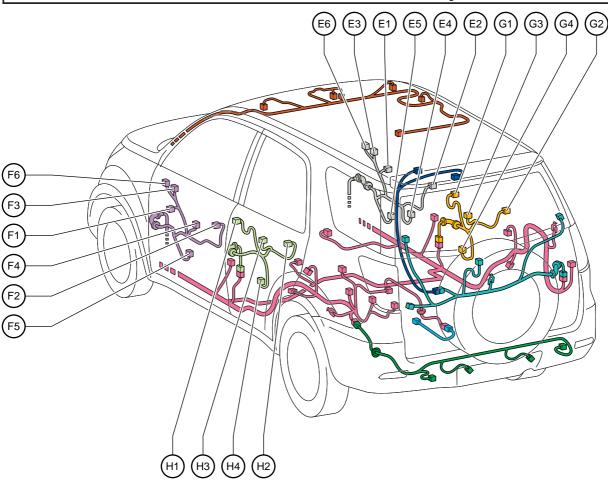
Position of Parts in Instrument Panel



- D43 Horn SW
- D44 Stop Lamp SW
- D45 Park/Neutral Position SW
- D46 Transmission Revolution Sensor (Turbine)
- D47 Transmission Revolution Sensor (Output)
- D48 ECT Solenoid
- D49 Transmission Control SW
- D50 Combination Meter
- D51 Radio Receiver Assembly
- D52 Radio Receiver Assembly
- D53 Airbag Squib (Front Passenger's Airbag Assembly)
- D54 Resistor

- D55 Ashtray Illumination
- D56 Door Control Relay
- D57 Diode (A/C)
- **D58 Junction Connector**
- D59 Junction Connector
- D60 Junction Connector
- D61 Junction Connector
- D62 Junction Connector
- D66 Back-Up Lamp SW
- D67 Speed Sensor
- D68 Starter Relay

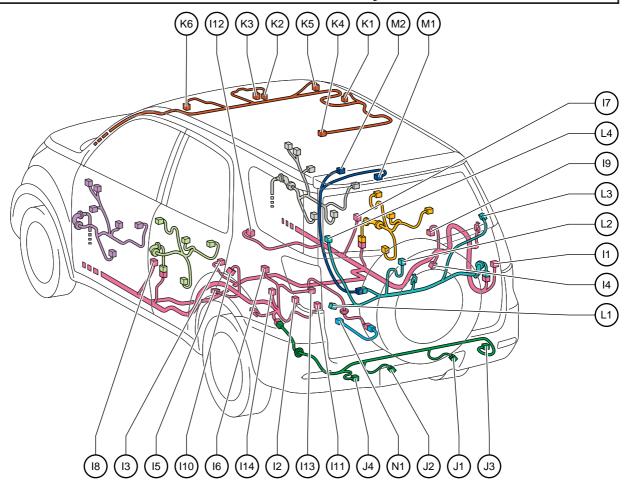
Position of Parts in Body



- E 1 Power Window Regulator Motor (Front RH)
- E 2 Door Lock Assembly (Driver's Side)
- E 3 Outer Rear View Mirror (RH)
- E 4 Power Window Master SW
- E 5 Speaker (Front Door RH)
- E 6 Tweeter (Front RH)
- F 1 Power Window Regulator Motor (Front LH)
- F 2 Door Lock Assembly (Front Passenger's Side)
- F 3 Outer Rear View Mirror (LH)
- F 4 Power Window SW (Front Passenger's Side)
- F 5 Speaker (Front Door LH)
- F 6 Tweeter (Front LH)

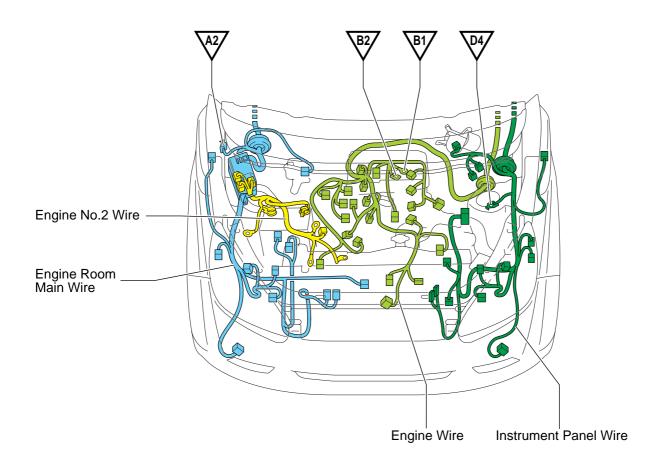
- G 1 Power Window Regulator Motor (Rear RH)
- G 2 Door Lock Assembly (Rear RH)
- G 3 Power Window SW (Rear RH)
- G 4 Speaker (Rear Door RH)
- H 1 Power Window Regulator Motor (Rear LH)
- H 2 Door Lock Assembly (Rear LH)
- H 3 Power Window SW (Rear LH)
- H 4 Speaker (Rear Door LH)

Position of Parts in Body

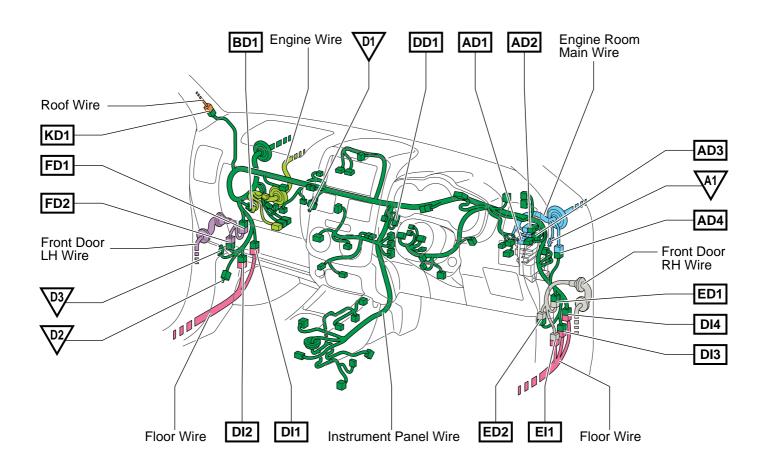


- I 1 Rear Combination Lamp (RH)
- I 2 Rear Combination Lamp (LH)
- I 3 Parking Brake SW
- I 4 Speed Sensor (Rear RH)
- 5 Speed Sensor (Rear LH)
- I 6 Clearance Warning ECU
- I 7 Door Courtesy SW (Driver's Side)
- I 8 Door Courtesy SW (Front Passenger's Side)
- I 9 Door Courtesy SW (Rear RH)
- I 10 Door Courtesy SW (Rear LH)
- I 11 Door Courtesy SW (Back Door)
- I 12 Front Seat Inner Belt (Driver's Side)
- I 13 Luggage Compartment Lamp
- I 14 Diode (Courtesy)
- J 1 License Plate Lamp (RH)
- J 2 License Plate Lamp (LH)
- J 3 Ultrasonic Sensor No.1 (Rear RH)
- J 4 Ultrasonic Sensor No.1 (Rear LH)

- K 1 Rear Cooling Unit
- K 2 Room Lamp (Center)
- K 3 Map Lamp
- K 4 Room Lamp
- K 5 Vanity Lamp (RH)
- K 6 Vanity Lamp (LH)
- L 1 Back Door Lock Assembly
- L 2 Rear Wiper Motor
- L 3 Rear Window Defogger
- L 4 Rear Window Defogger
- M 1 Center Stop Lamp
- M 2 Center Stop Lamp
- N 1 Fuel Suction Pump and Gage Assembly

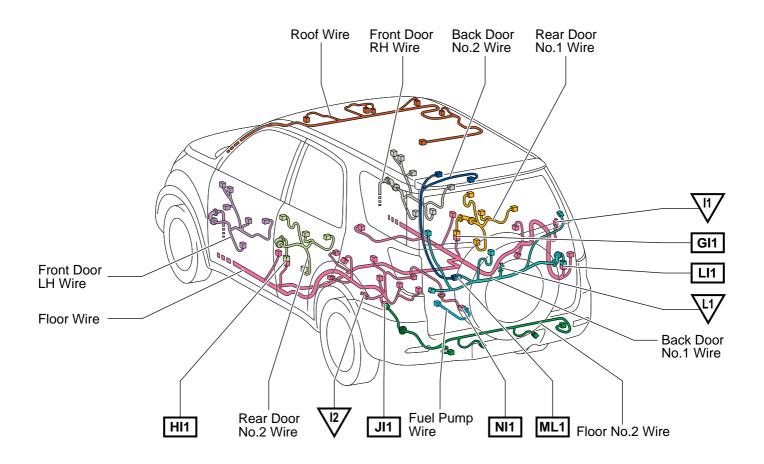


☐ : Location of Connector Joining Wire Harness and Wire Harness



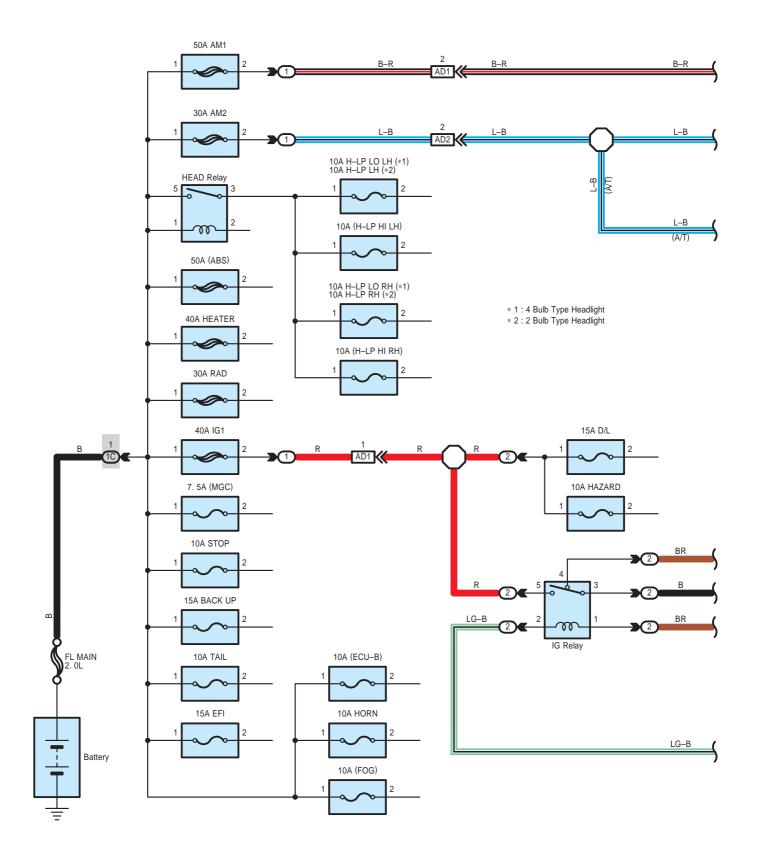
☐ : Location of Connector Joining Wire Harness and Wire Harness

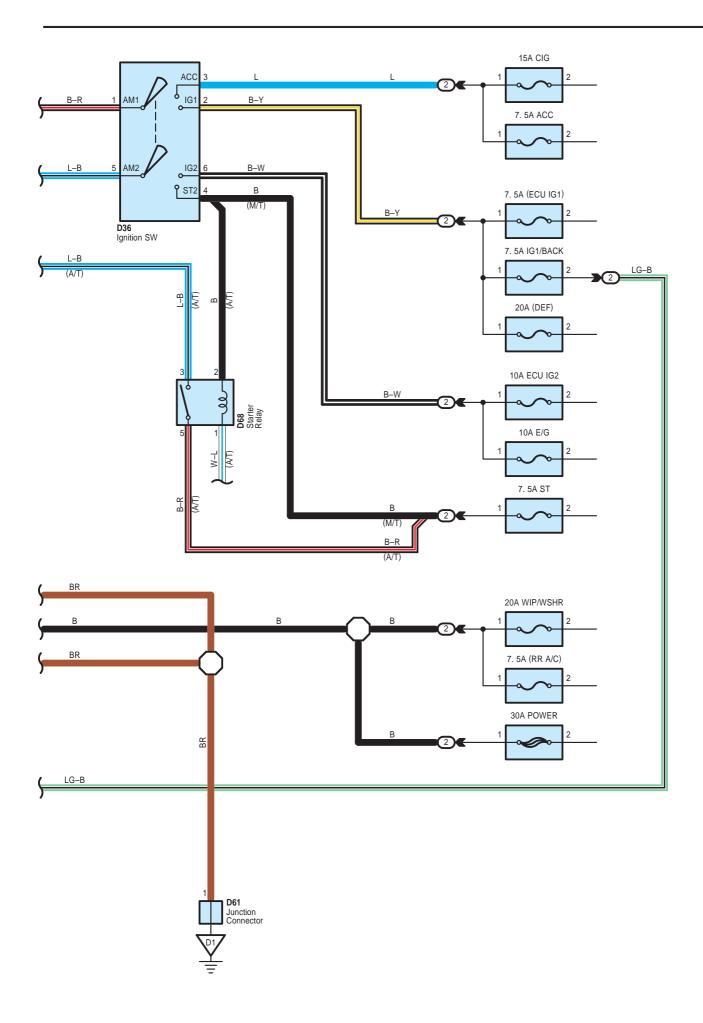
7: Location of Ground Points



RUSH / TERIOS ELECTRICAL WIRING DIAGRAM SYSTEM CIRCUITS

	Page
ABS	108
Air Conditioner	142
Audio System	132
Back-Up Light	82
Charging	42
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Clock	116
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Front Wiper and Washer (w/ Intermittent Wiper)	84
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gnition	40
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nterior Light	72
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ight Reminder	122
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Seat Belt Warning	126
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Starting	38
Stop Light	80
Faillight	76
Furn Signal and Hazard Warning Light	68
Mirelana Dany Lank Control	00





Power Source

O : Parts Location

Code	See Page	Code	See Page	Code	See Page
D36	26	D61	27	D68	27

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B (Engine Compartment Right)
2	23	Instrument Panel R/B (Right Kick Panel)

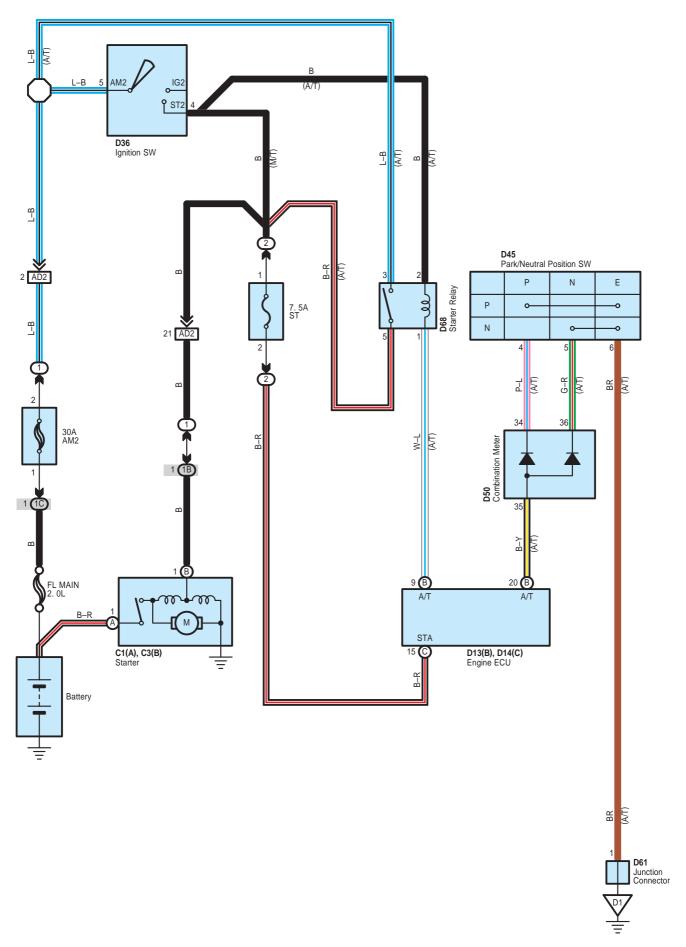
: Junction Block and Wire Harness Connector

	Code	See Page	Junction Block and Wire Harness (Connector Location)
I	1C	22	Engine No.2 Wire and Engine Room J/B (Engine Compartment Right)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)			
AD1	21	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)			
AD2	31	Linguise Room Main White and institution in Famer White (Right Side of the institution in Famer)			

	Code	See Page	Ground Points Location
Ī	D1	31	Instrument Panel Brace LH



	Code		Code See Page		de	See Page	Code	See Page
Γ	C1	Α	25	D14	С	26	D50	27
Γ	C3	В	25	D3	36	26	D61	27
Γ	D13	В	26	D4	4 5	27	D68	27

: Relay Blocks

	Code	See Page	Relay Blocks (Relay Block Location)
	1	22	Engine Room R/B (Engine Compartment Right)
Γ	2	23	Instrument Panel R/B (Right Kick Panel)

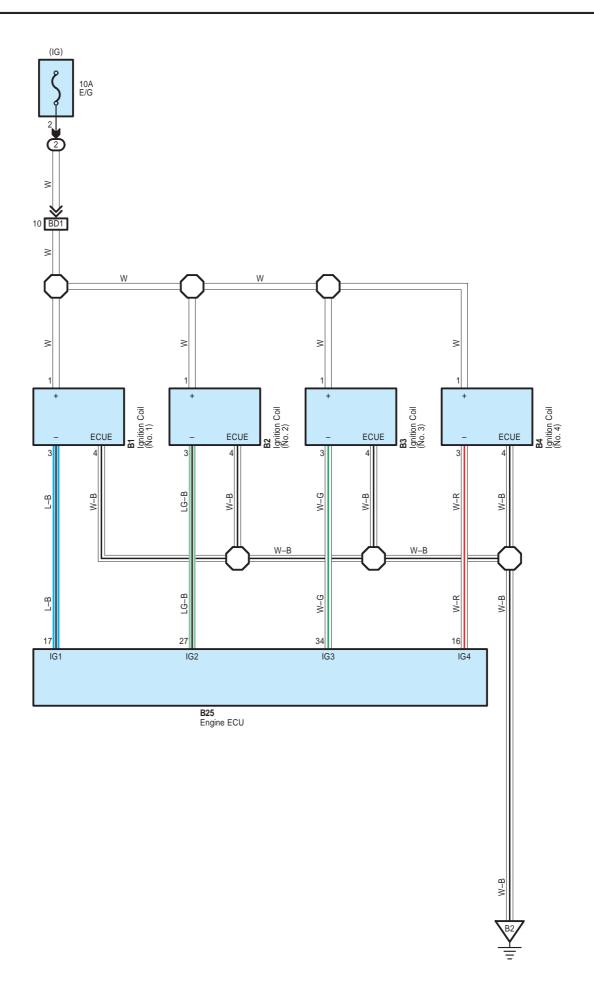
: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)	
1B	22	Engine No.2 Wire and Engine Room J/B (Engine Compartment Right)	
1C	22	Eligine No.2 Wire and Eligine Noom 3/B (Eligine Companine).	

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)

Code	See Page	Ground Points Location
D1	31	Instrument Panel Brace LH



Code	See Page	Code	See Page	Code	See Page
B1	24	B3	24	B25	26
B2	24	B4	24		

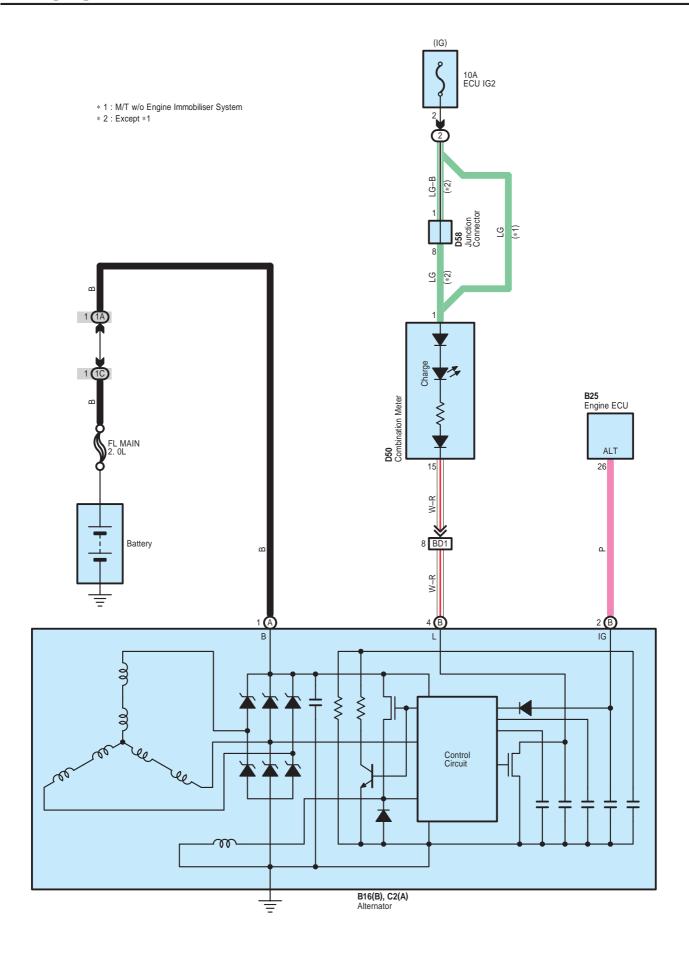
: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2	23	Instrument Panel R/B (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)	
BD1	31	Engine Wire and Instrument Panel Wire (Left Side of the Instrument Panel)	

Code	See Page	Ground Points Location
B2	30	Rear Side of Engine Block



	Code		See Page	Code		See Page	Code	See Page
В	16	В	24	C2	Α	25	D58	27
	B25		26	D:	50	27		

: Relay Blocks

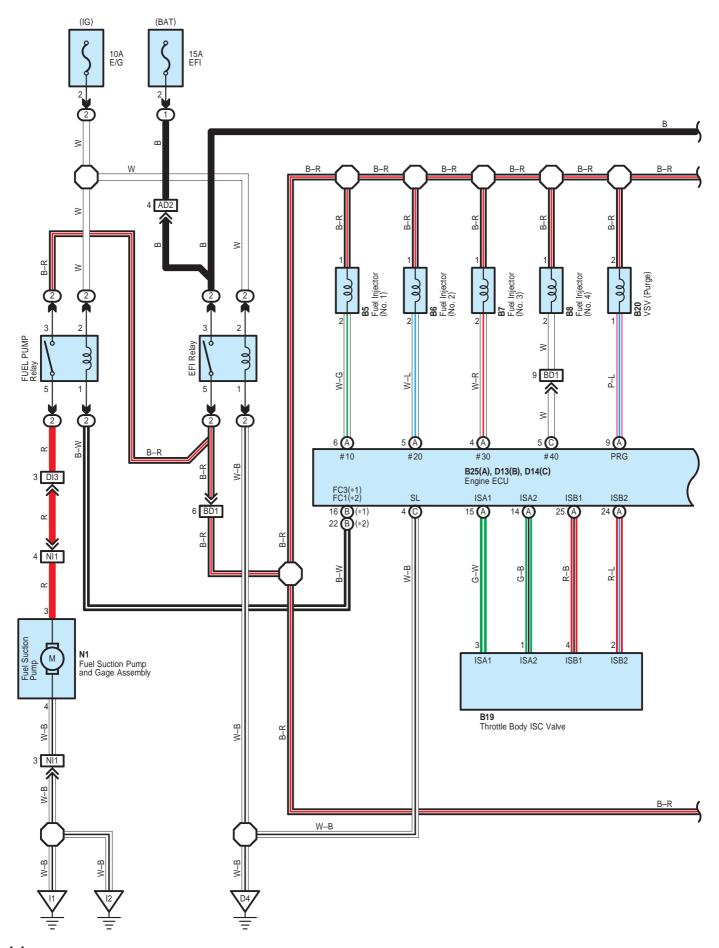
Code	See Page	Relay Blocks (Relay Block Location)
2	23	Instrument Panel R/B (Right Kick Panel)

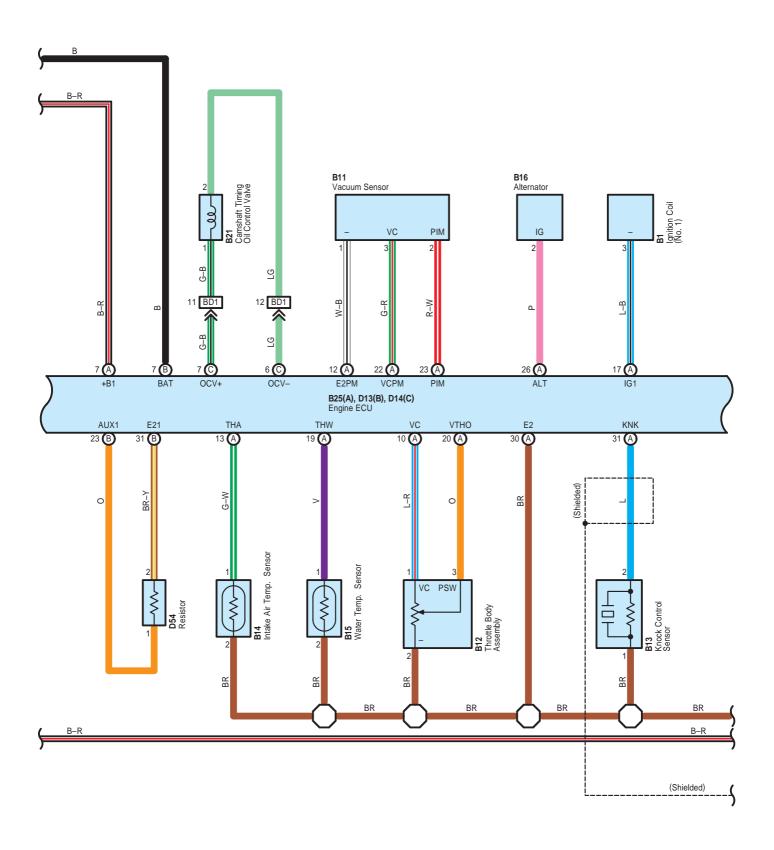
: Junction Block and Wire Harness Connector

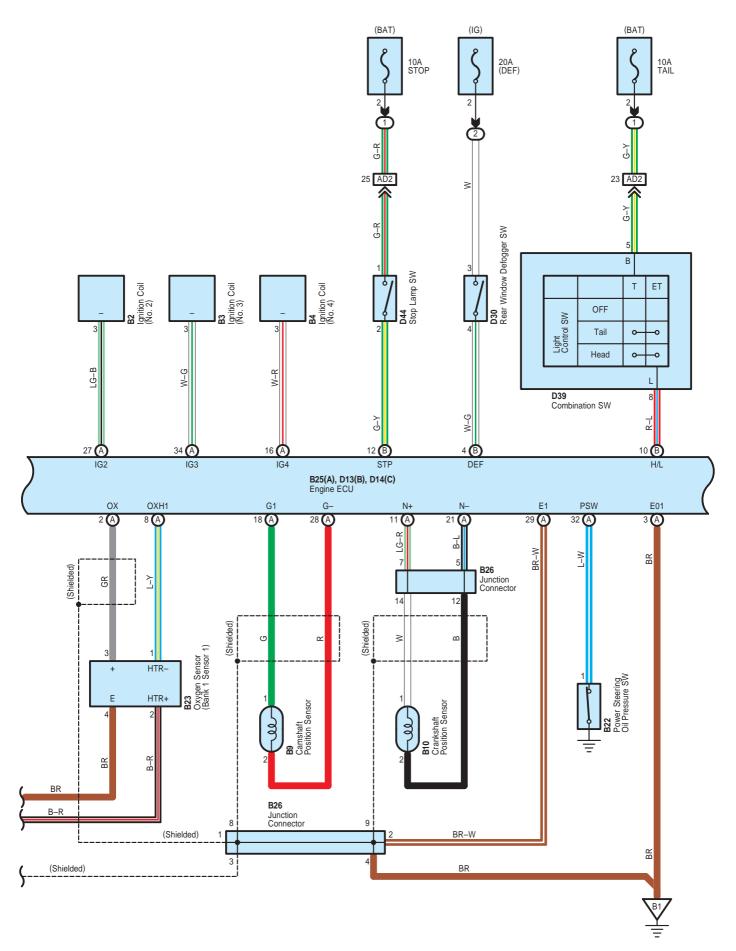
Code	See Page	Junction Block and Wire Harness (Connector Location)			
1A	22	Engine No.2 Wire and Engine Room J/B (Engine Compartment Right)			
1C	22	Linging No.2 wire and Engine Room 5/5 (Engine Compartment Right)			

: Connector Joining Wire Harness and Wire Harness

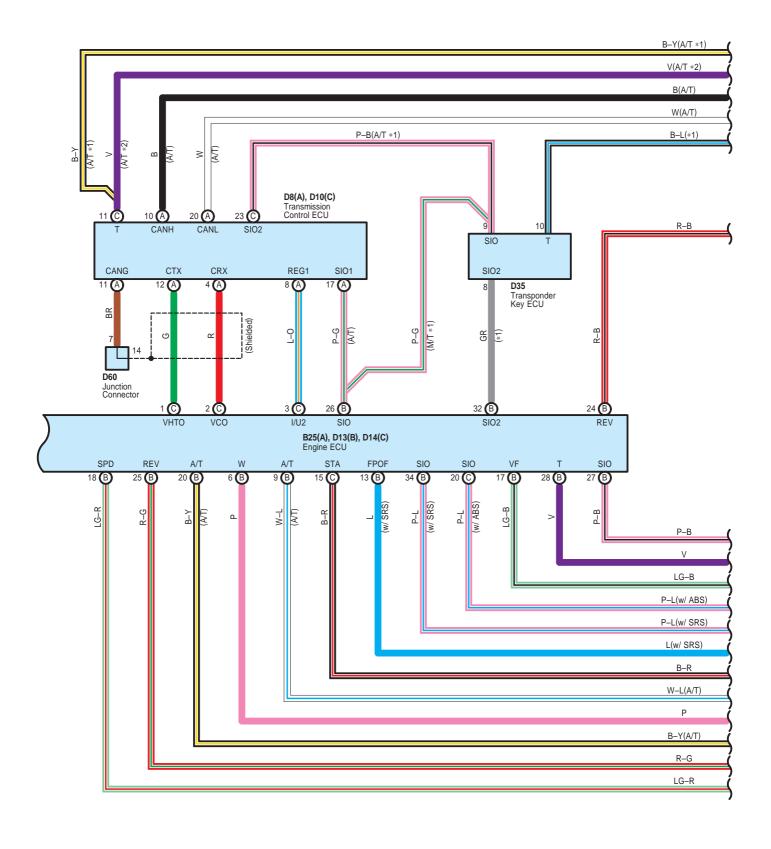
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)	
BD1	31	Engine Wire and Instrument Panel Wire (Left Side of the Instrument Panel)	

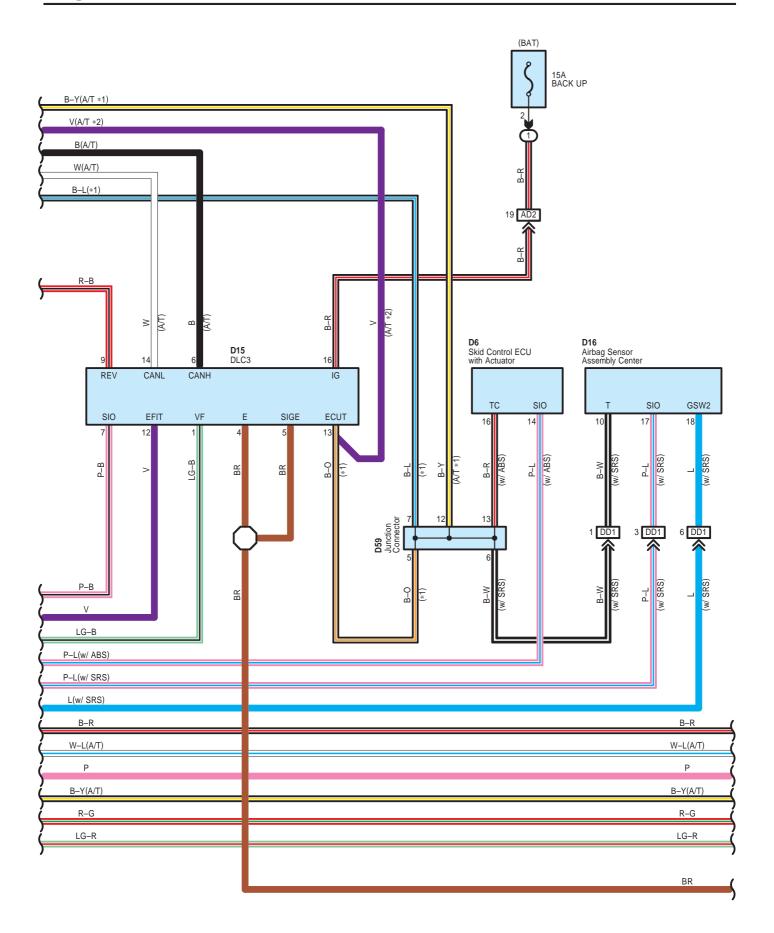


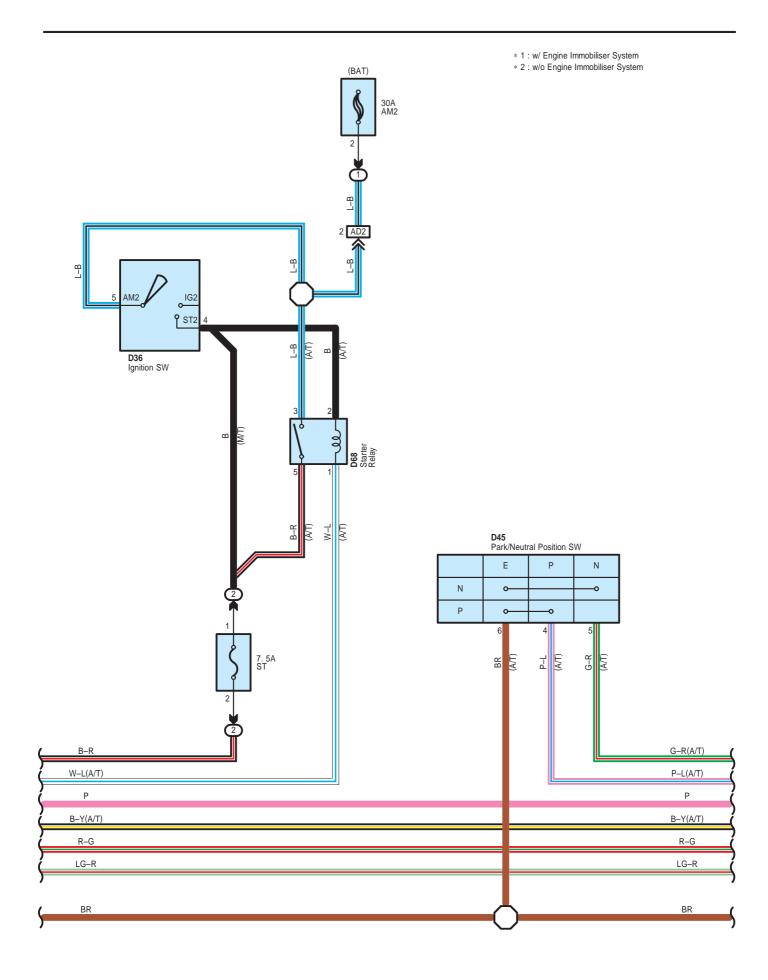


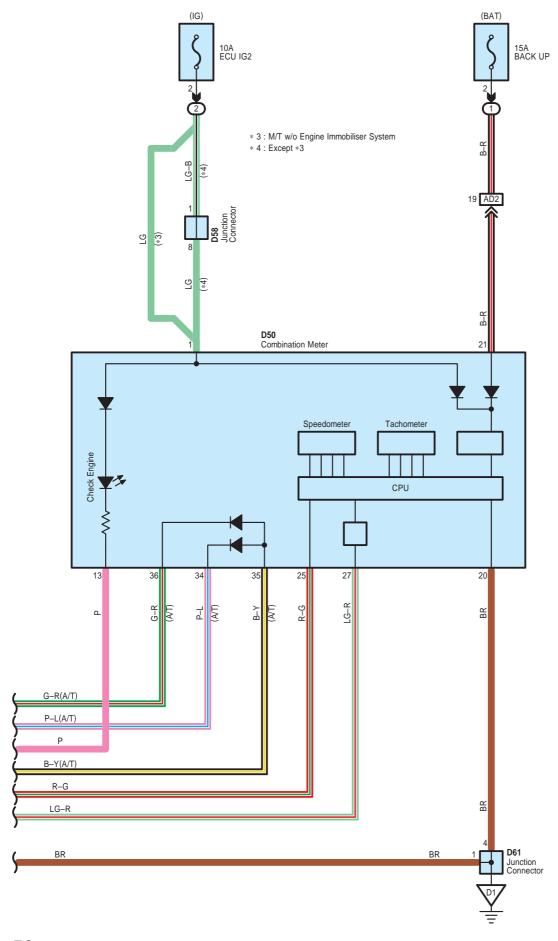


- * 1 : w/ Engine Immobiliser System
- * 2 : w/o Engine Immobiliser System









System Outline

* EFI system

The EFI system monitors the engine condition through the signals, which are input from each sensor to engine ECU. The best fuel injection volume is decided based on this data and the program memorized by the engine ECU, and the control signal is output to TERMINALS #10, #20, #30 and #40 of the engine ECU to operate the injector (Inject the fuel). The EFI system produces control of fuel injection operation by the engine ECU in response to the driving conditions.

* ESA system

The ESA system monitors the engine condition through the signals, which are input to the engine ECU from each sensor. The best ignition timing is decided according to this data and the memorized data in the engine ECU, and the control signal is output to TERMINALS IG1, IG2, IG3 and IG4. This signal controls the igniter to provide the best ignition timing for the driving conditions.

* Heated oxygen sensor heater control system

The heated oxygen sensor heater control system turns the heater on when the intake air volume is low (Temp. of exhaust emissions is low), and warms up the heated oxygen sensor to improve detection performance of the sensor. The engine ECU evaluates the signals from each sensor, current is output to TERMINAL OXH1, controlling the heater.

* VVT control

VVT control the intake valve timing in accordance with the engine conditions.

1. Diagnosis System

With the diagnosis system, when there is a malfunction in the engine ECU signal system, the malfunctioning system is recorded in the memory. The malfunctioning system can be found by reading the code displayed by the check engine warning lamp.

2. Fail-Safe System

When a malfunction has occurred in any system, if there is a possibility of engine trouble being caused by continued control based on the signals from that system, the fail—safe system either controls the system by using data (Standard values) recorded in the engine ECU memory or else stops the engine.

: Parts Location

Code	See Page	Code		See Page	Code	See Page
B1	24	4 B16 2		24	D30	26
B2	24	B1	19	24	D35	26
В3	24	B2	20	24	D36	26
B4	24	B2	21	24	D39	26
B5	24	B2	22	24	D44	27
В6	24	B2	23	24	D45	27
B7	24	B25	Α	26	D50	27
B8	24	B2	26	26	D54	27
В9	24	D	6	25	D58	27
B10	24	D8	Α	26	D59	27
B11	24	D10	С	26	D60	27
B12	24	D13	В	26	D61	27
B13	24	D14	С	26	D68	27
B14	24	D1	15	26	N1	29
B15	24	D′	16	26		

: Relay Blocks

Code	See Page	elay Blocks (Relay Block Location)			
1	22	gine Room R/B (Engine Compartment Right)			
2	23	Instrument Panel R/B (Right Kick Panel)			

: Connector Joining Wire Harness and Wire Harness

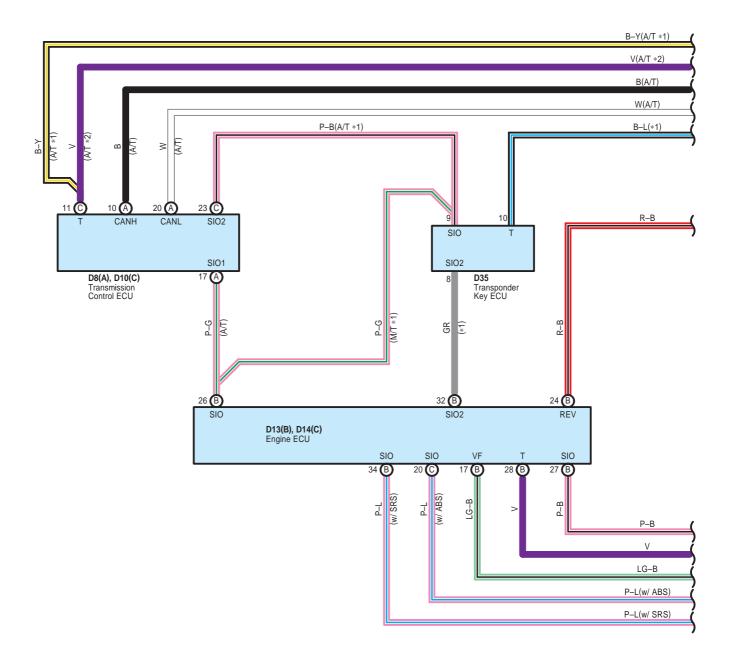
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)
BD1	31	Engine Wire and Instrument Panel Wire (Left Side of the Instrument Panel)
DD1	31	Instrument Panel Wire and Instrument Panel Wire (Instrument Panel Center)
DI3	31	Instrument Panel Wire and Floor Wire (Right Kick Panel)
NI1	32	Fuel Pump Wire and Floor Wire (Near the Rear Differential)

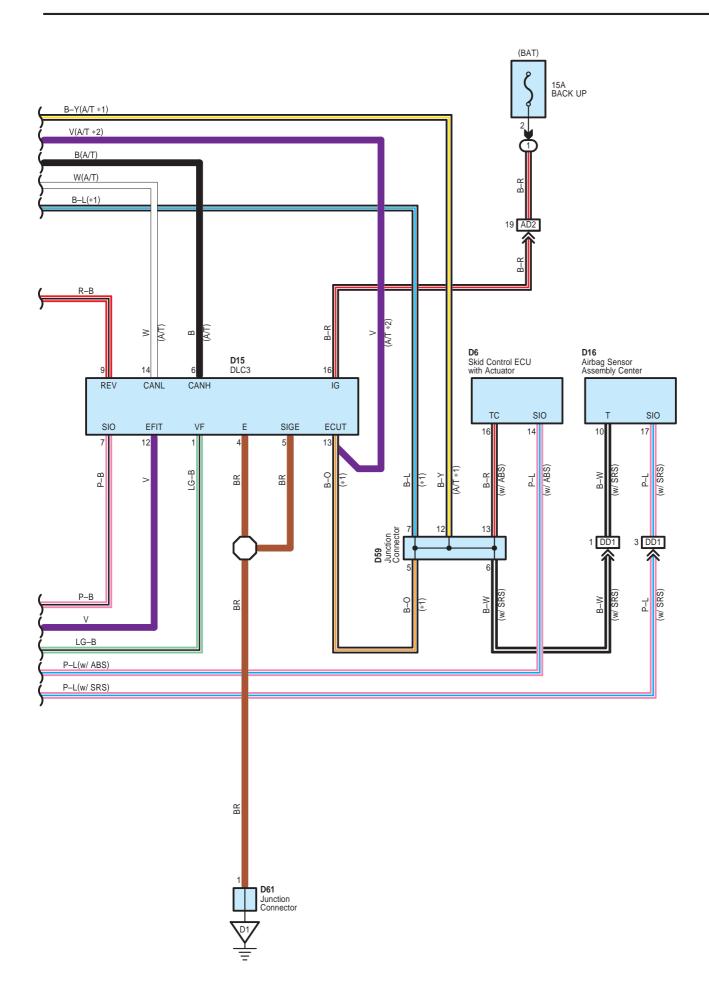
Engine Control

∇

Code	See Page	ound Points Location		
B1	30	Rear Side of Engine Block		
D1	31	Instrument Panel Brace LH		
D4	30	Fender Apron		
l1	32	er the Right Rear Quarter Panel		
12	32	Under the Left Rear Quarter Panel		

- * 1 : w/ Engine Immobiliser System * 2 : w/o Engine Immobiliser System





DLC3

O : Parts Location

Co	de	See Page	Code		See Page	Code	See Page
D6		25	D14	С	26	D59	27
D8	А	26	D′	15	26	D61	27
D10	С	26	D′	16	26		
D13	В	26	D3	35	26		

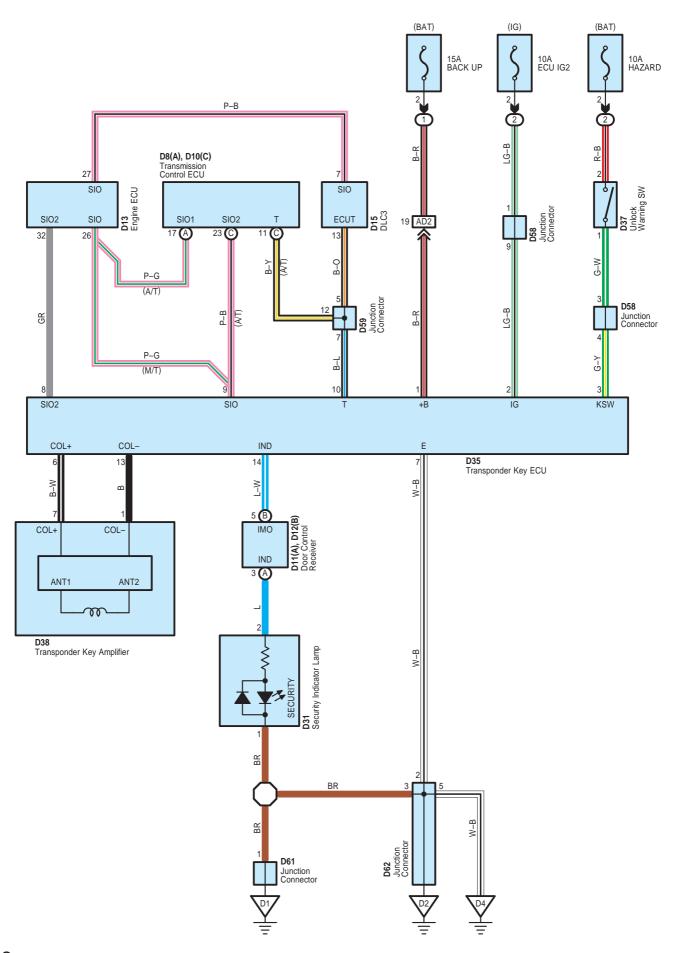
: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B (Engine Compartment Right)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)			
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)			
DD1	31	Instrument Panel Wire and Instrument Panel Wire (Instrument Panel Center)			

Code	See Page	Ground Points Location
D1	31	Instrument Panel Brace LH



Co	de	See Page	Code	See Page	Code	See Page
D8	Α	26	D15	26	D58	27
D10	С	26	D31	26	D59	27
D11	Α	26	D35	26	D61	27
D12	В	26	D37	26	D62	27
D,	13	26	D38	26		

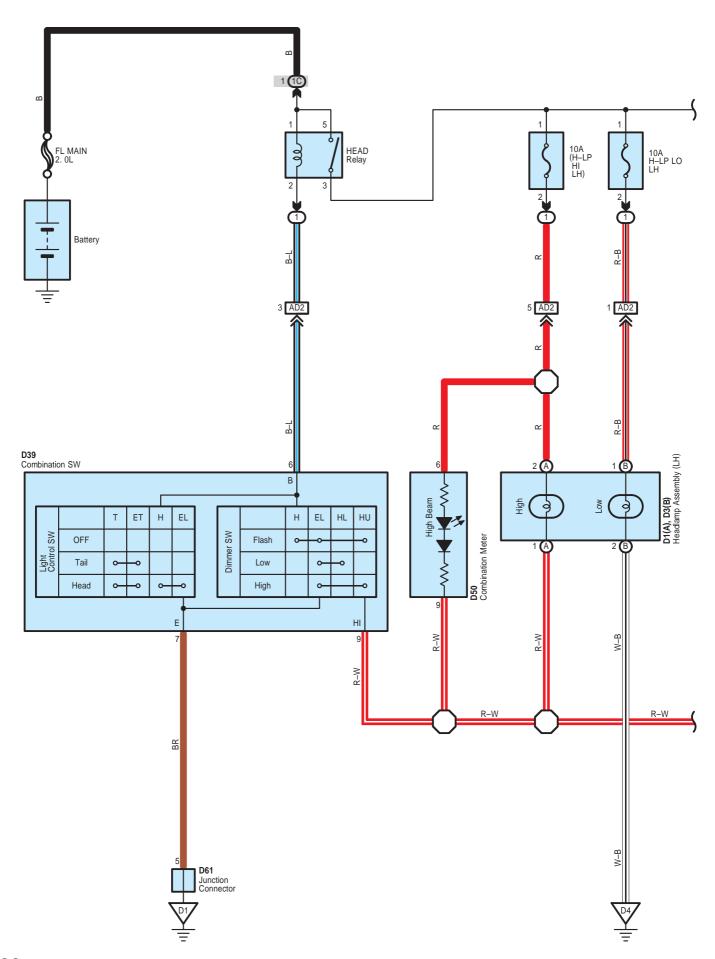
: Relay Blocks

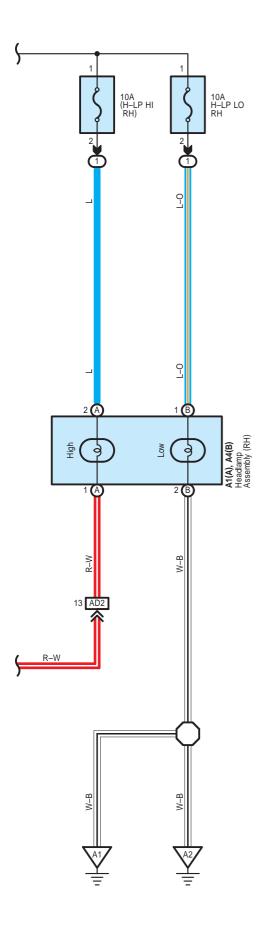
Code	See Page	Relay Blocks (Relay Block Location)			
1	22	Engine Room R/B (Engine Compartment Right)			
2	23	Instrument Panel R/B (Right Kick Panel)			

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)		
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)		

Code	See Page	Ground Points Location
D1	31	Instrument Panel Brace LH
D2	31	Left Kick Panel
D4	30	Left Fender Apron





Headlight for 4 Bulb Type

O : Parts Location

Code		See Page	Code		See Page	Code	See Page
A1	А	24	D3	В	25	D61	27
A4	В	24	D3	39	26		
D1	Α	25	D!	50	27		

: Relay Blocks

	Code	See Page	Relay Blocks (Relay Block Location)
Γ	1	22	Engine Room R/B (Engine Compartment Right)

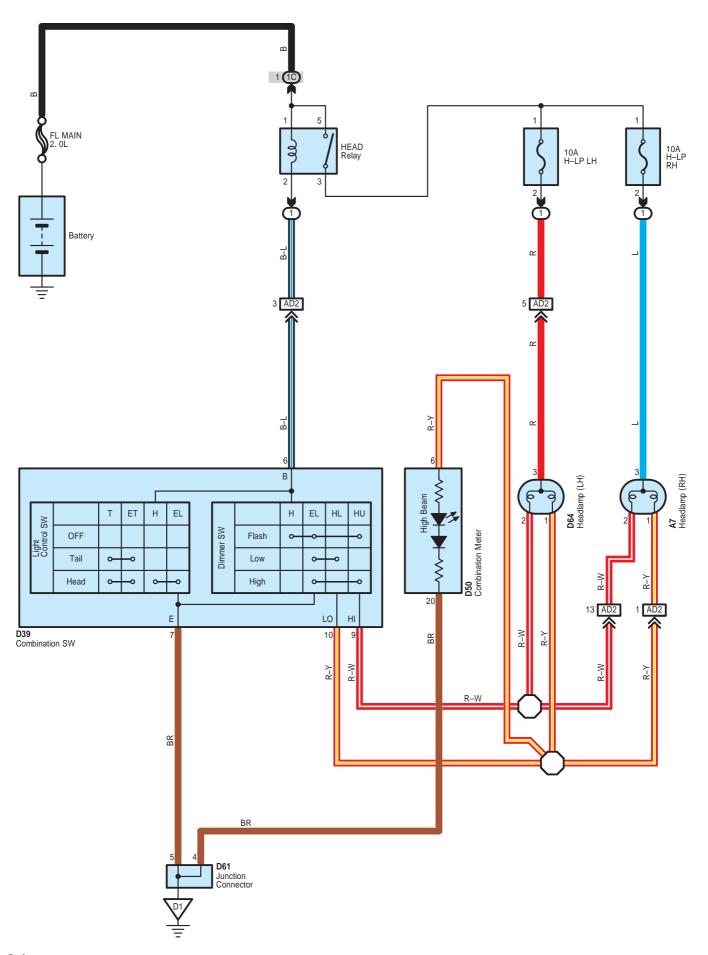
: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	22	Engine No.2 Wire and Engine Room J/B (Engine Compartment Right)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)		
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)		

Code	See Page	Ground Points Location
A1	31	Cowl Side Panel RH
A2	30	Near the Engine Room R/B
D1	31	Instrument Panel Brace LH
D4	30	Left Fender Apron



Code	See Page	Code	See Page	Code	See Page
A7	24	D50	27	D64	25
D39	26	D61	27		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)	
1	22	Engine Room R/B (Engine Compartment Right)	

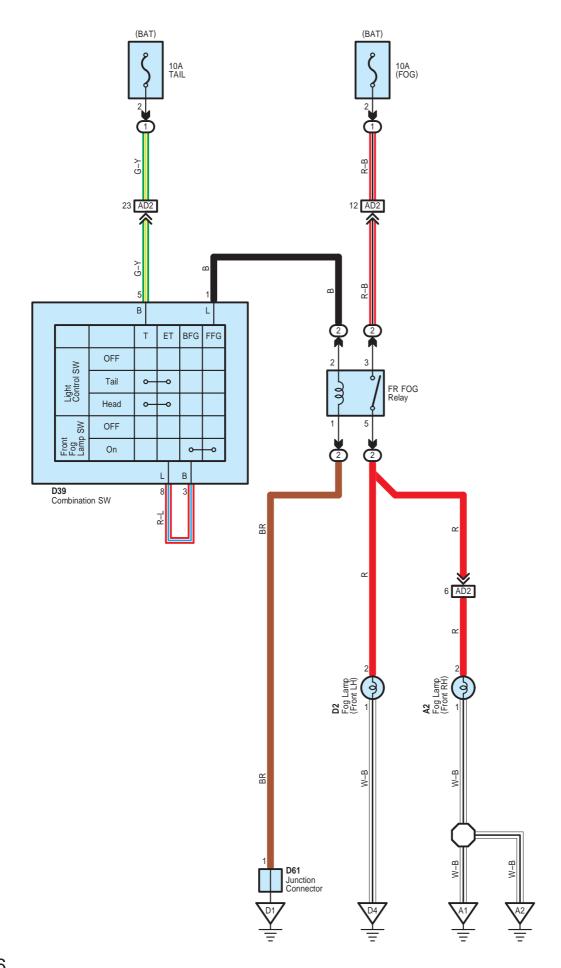
: Junction Block and Wire Harness Connector

	Code	See Page	Junction Block and Wire Harness (Connector Location)	
Γ	1C	22	Engine No.2 Wire and Engine Room J/B (Engine Compartment Right)	

: Connector Joining Wire Harness and Wire Harness

	Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)	
Ī	AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)	

Code	See Page	Ground Points Location
D1	31	Instrument Panel Brace LH



Code	See Page	Code	See Page	Code	See Page
A2	24	D39	26		
D2	25	D61	27		

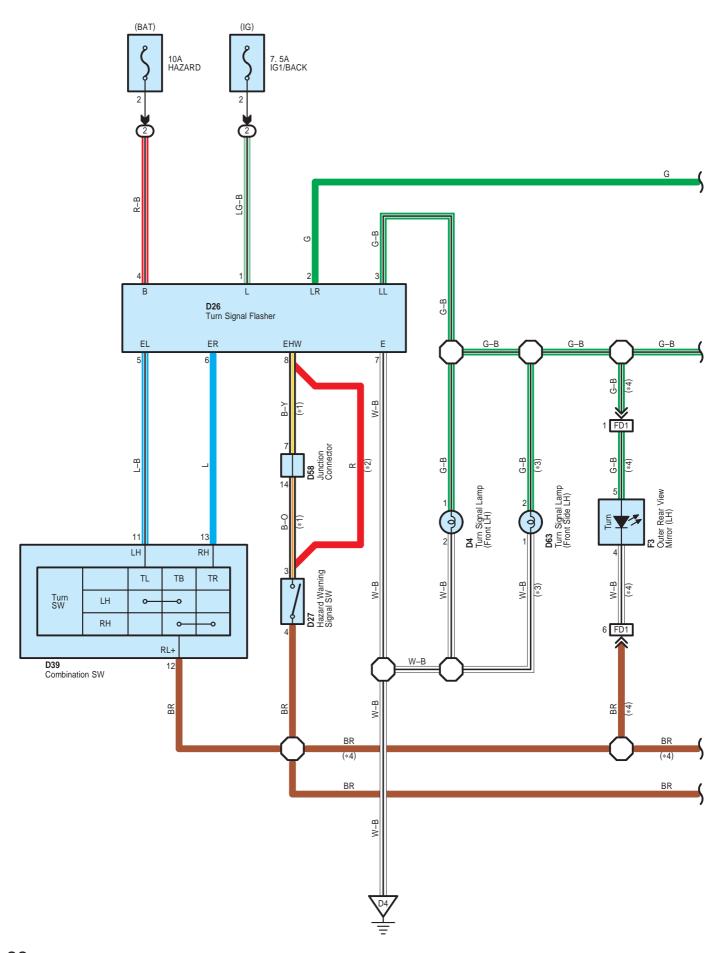
: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)	
1	22	Engine Room R/B (Engine Compartment Right)	
2	23	Instrument Panel R/B (Right Kick Panel)	

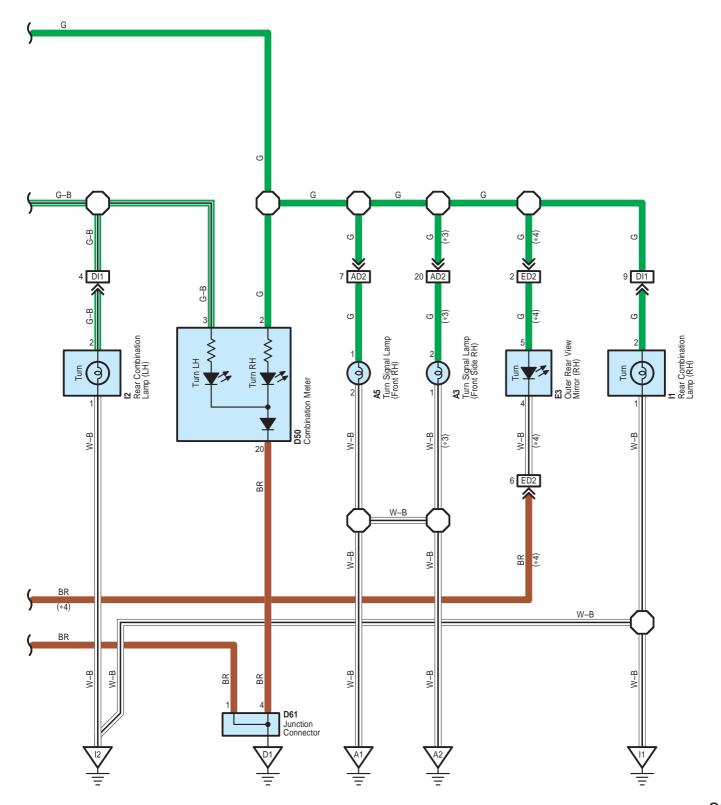
: Connector Joining Wire Harness and Wire Harness

Cod	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2	AD2 31 Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)	

Code	See Page	Ground Points Location
A1	31	Cowl Side Panel RH
A2	30	Near the Engine Room R/B
D1	31	Instrument Panel Brace LH
D4	30	Left Fender Apron



- * 1 : w/ Wireless Door Lock Control * 2 : w/o Wireless Door Lock Control * 3 : w/ Turn Signal Lamp (Front Side)
- * 4 : w/ Outer Rear View Mirror Turn Lamp



Turn Signal and Hazard Waring Light

O : Parts Location

Code	See Page	Code	See Page	Code	See Page
A3	24	D39	26	E3	28
A5	24	D50	27	F3	28
D4	25	D58	27	I1	29
D26	26	D61	27	12	29
D27	26	D63	25		

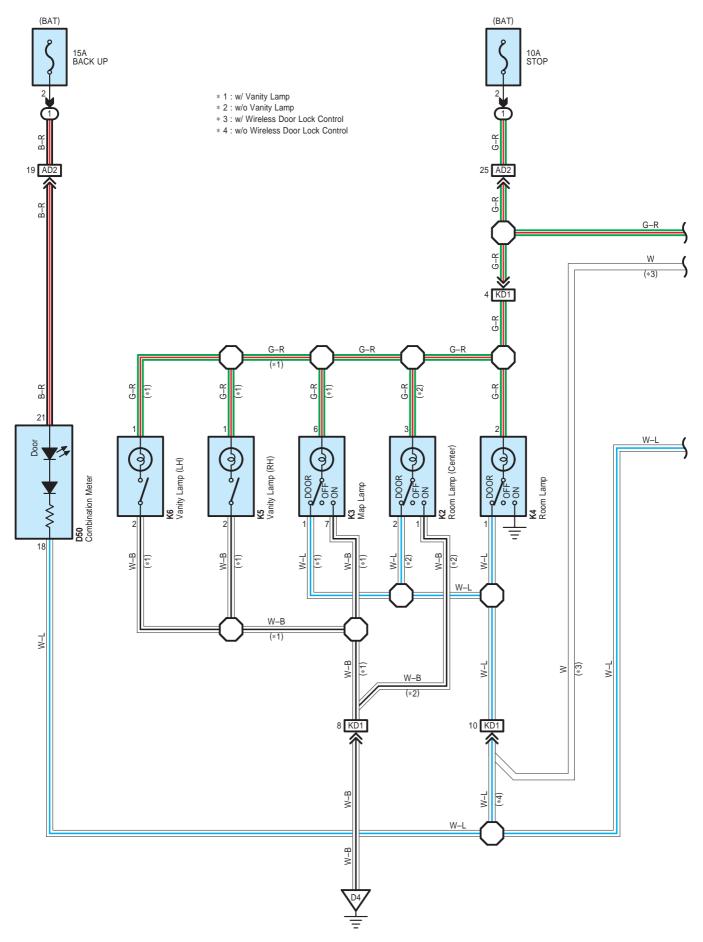
: Relay Blocks

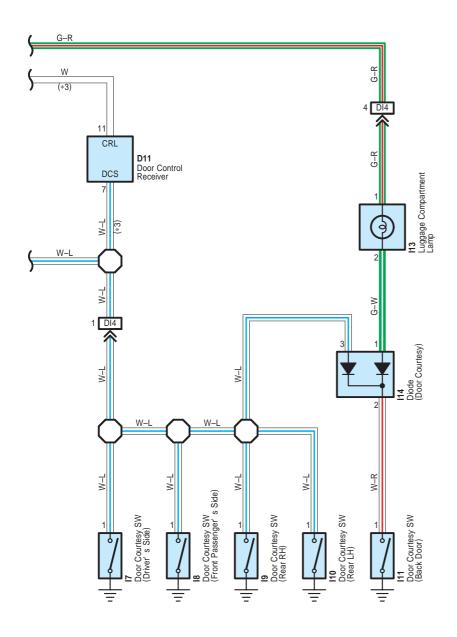
Code	See Page	Relay Blocks (Relay Block Location)
2	23	Instrument Panel R/B (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)	
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)	
DI1	31	Instrument Panel Wire and Floor Wire (Left Kick Panel)	
ED2	31	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)	
FD1	31	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)	

Code	See Page	Ground Points Location	
A1	31	Cowl Side Panel RH	
A2	30	Near the Engine Room R/B	
D1	31	Instrument Panel Brace LH	
D4	30	Left Fender Apron	
l1	32	Under the Right Rear Quarter Panel	
12	32	Under the Left Rear Quarter Panel	





Interior Light

O : Parts Location

Code	See Page	Code	See Page	Code	See Page
D11	26	I10	29	K3	29
D50	27	l11	29	K4	29
17	29	l13	29	K5	29
18	29	l14	29	K6	29
19	29	K2	29		

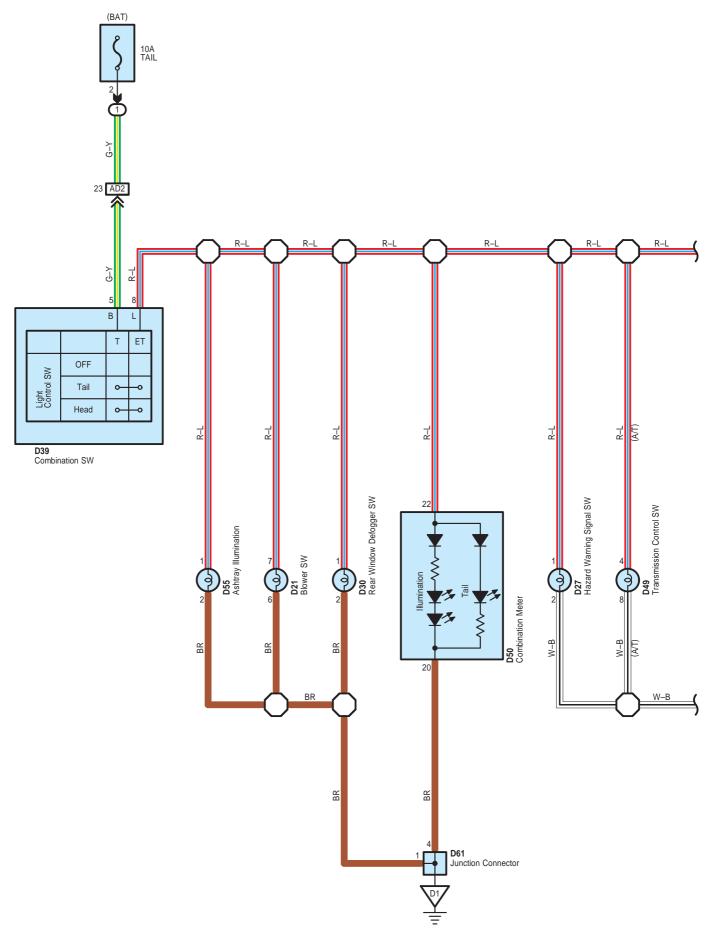
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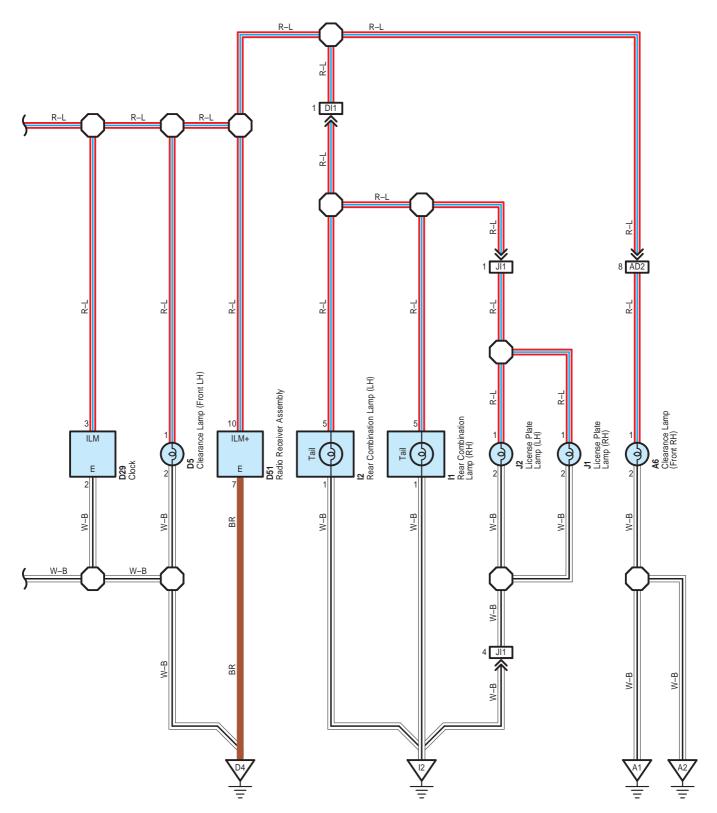
Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B (Engine Compartment Right)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Page Joining Wire Harness and Wire Harness (Connector Location)	
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)	
DI4	31 Instrument Panel Wire and Floor Wire (Right Kick Panel)		
KD1	31	Roof Wire and Instrument Panel Wire (Left Side of the Instrument Panel)	

Code	See Page	Ground Points Location
D4	30	Left Fender Apron





Taillight and Illumination

O : Parts Location

Code	See Page	Code	See Page	Code	See Page
A6	24	D39	26	I1	29
D5	25	D49	27	12	29
D21	26	D50	27	J1	29
D27	26	D51	27	J2	29
D29	26	D55	27		
D30	26	D61	27		

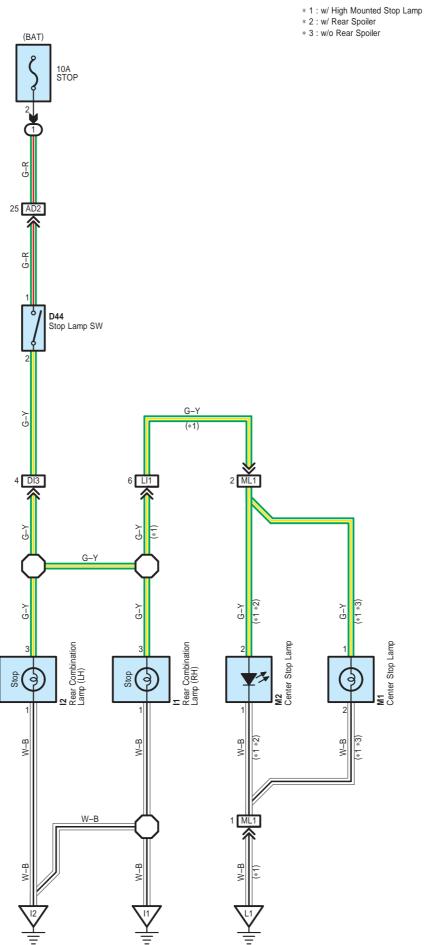
: Relay Blocks

	Code	See Page	Relay Blocks (Relay Block Location)
Γ	1	22	Engine Room R/B (Engine Compartment Right)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	ge Joining Wire Harness and Wire Harness (Connector Location)	
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)	
DI1	31	Instrument Panel Wire and Floor Wire (Left Kick Panel)	
JI1	32	Floor No.2 Wire and Floor Wire (Under the Left Rear Quarter Panel)	

Code	See Page	Ground Points Location
A1	31	Cowl Side Panel RH
A2	30	Near the Engine Room R/B
D1	31	Instrument Panel Brace LH
D4	30	Left Fender Apron
12	32	Under the Left Rear Quarter Panel



O : Parts Location

Code	See Page	Code	See Page	Code	See Page
D44	27	12	29	M2	29
l1	29	M1	29		

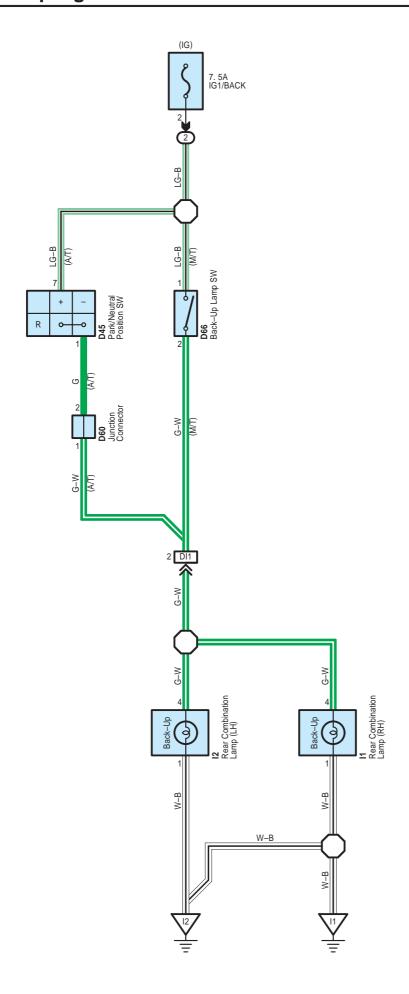
: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1 22 Engine Room R/B (Engine Compart		Engine Room R/B (Engine Compartment Right)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2 31 Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)		
DI3	31	Instrument Panel Wire and Floor Wire (Right Kick Panel)
LI1	LI1 32 Back Door No.1 Wire and Floor Wire (Under the Right Rear Quarter Panel)	
ML1	32	Back Door No.2 Wire and Back Door No.1 Wire (Left Side of the Back Door)

Code	See Page	Ground Points Location
I1 32 Under the Right Rear Quarter Panel		Under the Right Rear Quarter Panel
12	12 32 Under the Left Rear Quarter Panel	
L1	32	Back Door Center



: Parts Location

Code	See Page	Code	See Page	Code	See Page
D45	27	D66	27	12	29
D60	27	l1	29		

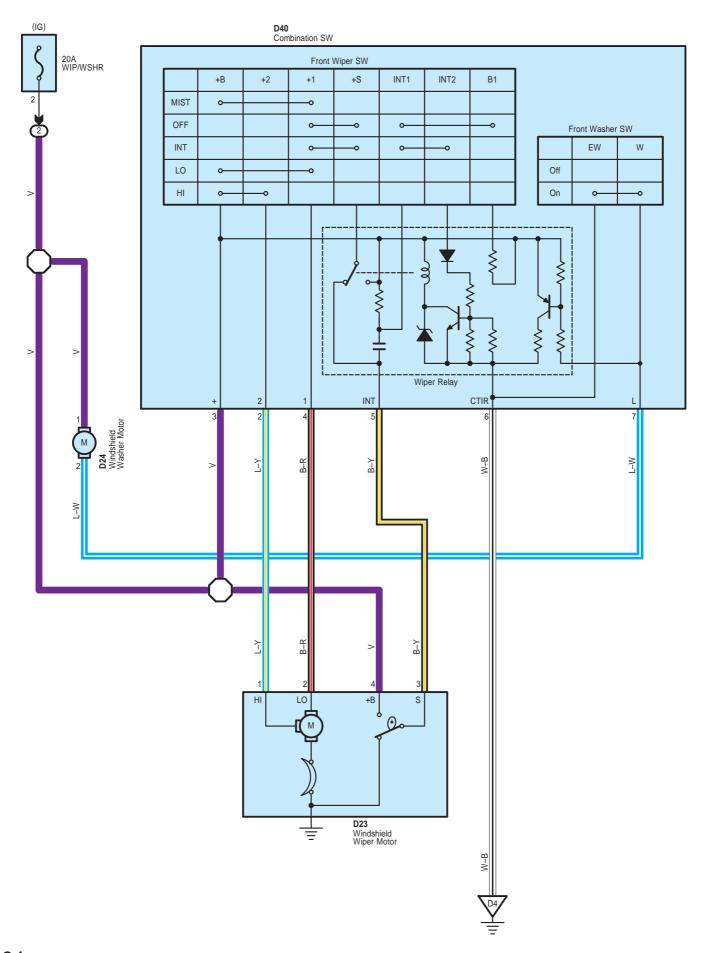
: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2 23 Instrument Panel R/B (Right Kick Panel)		Instrument Panel R/B (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
DI1 31		Instrument Panel Wire and Floor Wire (Left Kick Panel)

Code	See Page	Ground Points Location
I1	32	Under the Right Rear Quarter Panel
I2 32 Under the Left Rear Quarter Panel		Under the Left Rear Quarter Panel



System Outline

With the ignition SW turned on, the current flows to TERMINAL 3 of the combination SW, TERMINAL 1 of the windshield washer motor and TERMINAL 4 of the windshield wiper motor through the WIP/WSHR fuse.

1. Low Speed Position

With the combination SW turned to LO position, the current flows from TERMINAL 3 of the combination SW to TERMINAL 4 to TERMINAL 2 of the windshield wiper motor to GROUND and causes the windshield wiper motor to run at low speed.

2. High Speed Position

With the combination SW turned to HI position, the current flows from TERMINAL 3 of the combination SW to TERMINAL 2 to TERMINAL 1 of the windshield wiper motor to GROUND and causes the windshield wiper motor to run at high speed.

3. INT Position

With the combination SW turned to INT position, the wiper relay operates and current flows from TERMINAL 3 of the combination SW to TERMINAL 6 to GROUND. This activates the intermittent circuit and the current flows from TERMINAL 3 of the combination SW to TERMINAL 4 to TERMINAL 2 of the windshield wiper motor to GROUND and the wiper operates. The intermittent operation is controlled by the charge/discharge function of the condenser installed in the relay.

4. Mist Position

With the combination SW turned to MIST position, the current flows from TERMINAL 3 of the combination SW to TERMINAL 4 to TERMINAL 2 of the windshield wiper motor to GROUND and causes the windshield wiper motor to run at low speed.

5. Washer Interlocking Operation

With the washer SW pulled to ON position, the current flows from the WIP/WSHR fuse to TERMINAL 1 of the windshield washer motor to TERMINAL 2 to TERMINAL 7 of the combination SW to TERMINAL 6 to GROUND and causes the windshield washer motor to run and the window washer to spray. Simultaneously, current flows from the WIP/WSHR fuse to TERMINAL 3 of the combination SW to TERMINAL 4 to TERMINAL 2 of the windshield wiper motor to GROUND, causing the wiper to function.

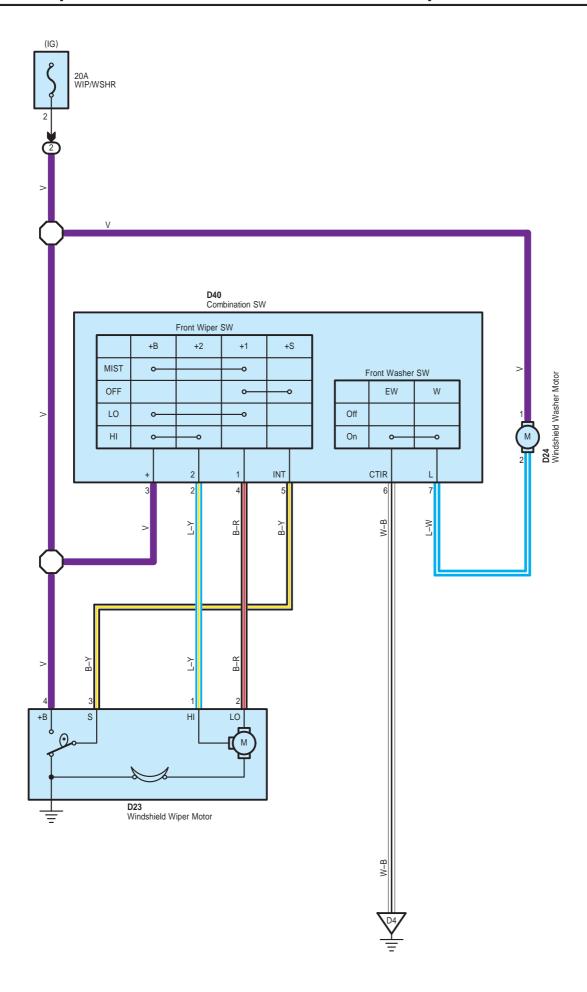
: Parts Location

Code	See Page	Code	See Page	Code	See Page
D23	25	D24	25	D40	26

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2 23		Instrument Panel R/B (Right Kick Panel)

Code	See Page	Ground Points Location
D4	30	Left Fender Apron



System Outline

With the ignition SW turned on, the current flows to TERMINAL 3 of the combination SW, TERMINAL 1 of the windshield washer motor and TERMINAL 4 of the windshield wiper motor through the WIP/WSHR fuse.

1. Low Speed Position

With the combination SW turned to LO position, the current flows from TERMINAL 3 of the combination SW to TERMINAL 4 to TERMINAL 2 of the windshield wiper motor to GROUND and causes the windshield wiper motor to run at low speed.

2. High Speed Position

With the combination SW turned to HI position, the current flows from TERMINAL 3 of the combination SW to TERMINAL 2 to TERMINAL 1 of the windshield wiper motor to GROUND and causes the windshield wiper motor to run at high speed.

3. Mist Position

With the combination SW turned to MIST position, the current flows from TERMINAL 3 of the combination SW to TERMINAL 4 to TERMINAL 2 of the windshield wiper motor to GROUND and causes the windshield wiper motor to run at low speed.

4. Washer Interlocking Operation

With the washer SW pulled to ON position, the current flows from the WIP/WSHR fuse to TERMINAL 1 of the windshield washer motor to TERMINAL 2 to TERMINAL 7 of the combination SW to TERMINAL 6 to GROUND and causes the windshield washer motor to run and the window washer to spray. Simultaneously, current flows from the WIP/WSHR fuse to TERMINAL 3 of the combination SW to TERMINAL 4 to TERMINAL 2 of the windshield wiper motor to GROUND, causing the wiper to function.

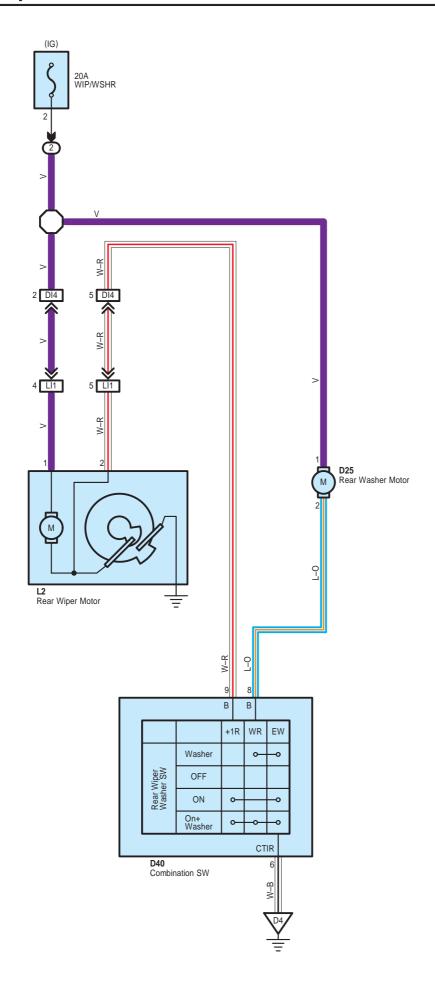
: Parts Location

	Code	See Page	Code	See Page	Code	See Page
Ì	D23	25	D24	25	D40	26

: Relay Blocks

	Code	See Page	Relay Blocks (Relay Block Location)
ſ	2 23 Instrument Panel R/B (Right Kick Panel)		Instrument Panel R/B (Right Kick Panel)

Code	See Page	Ground Points Location
D4	30	Left Fender Apron



: Parts Location

Code	See Page	Code	See Page	Code	See Page
D25	25	D40	26	L2	29

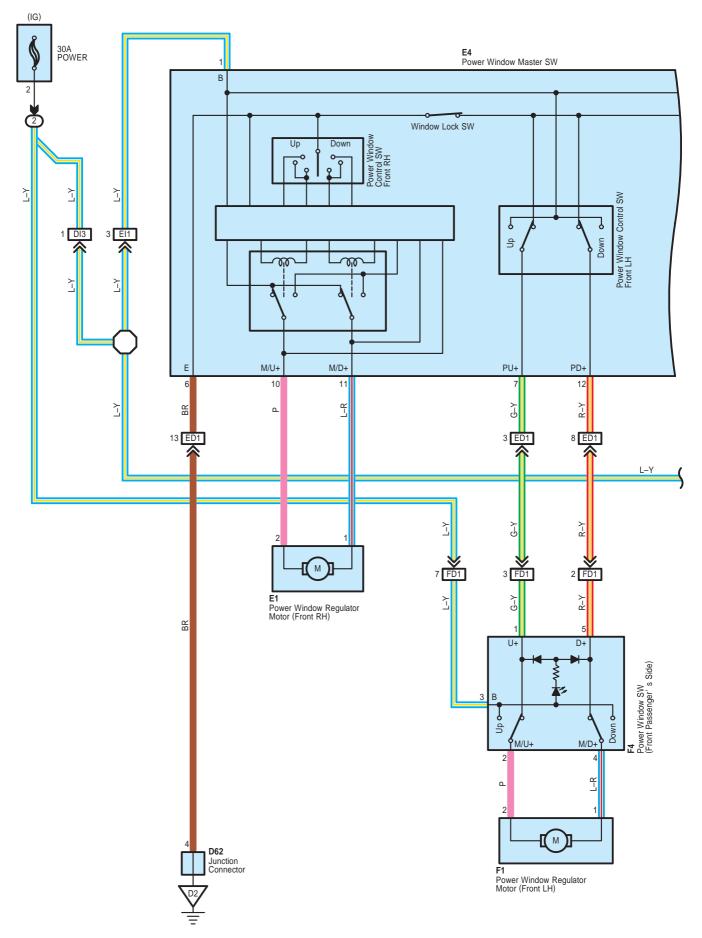
: Relay Blocks

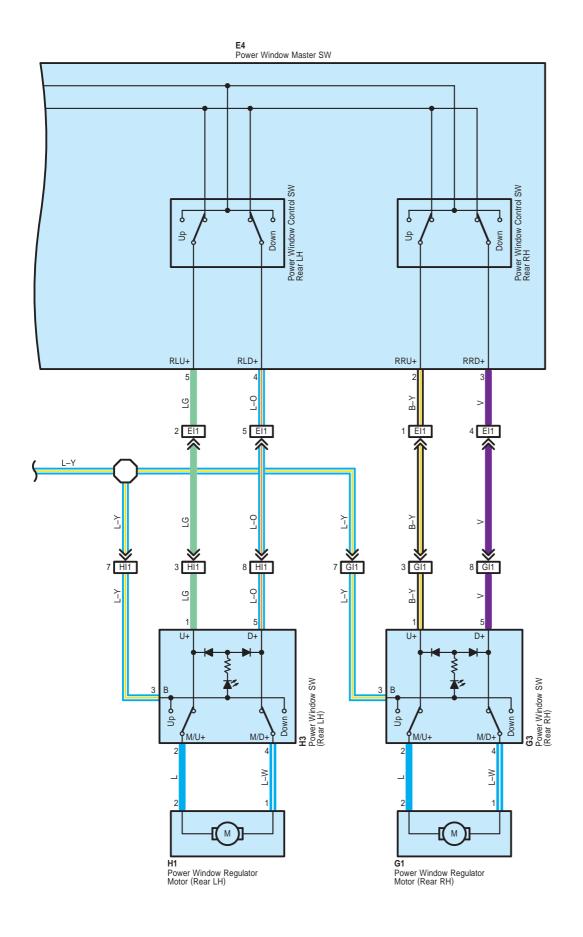
Code	See Page	Relay Blocks (Relay Block Location)
2	23	Instrument Panel R/B (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
DI4	31	Instrument Panel Wire and Floor Wire (Right Kick Panel)
LI1	32	Back Door No.1 Wire and Floor Wire (Under the Right Rear Quarter Panel)

Code	See Page	Ground Points Location
D4	30	Left Fender Apron





Power Window

System Outline

1. Manual Down or Up Operation

When the power window regulator master SW is pushed one step, the motor rotates to open the window.

When the power window regulator master SW is pulled up one step, the motor rotates in the opposite direction, to close the window

All the other windows can be opened/closed as well, by the operation of the power window regulator master SW or respective power window regulator SW.

When the window lock SW is pushed to the lock side, the ground circuit to the passenger's window becomes open. As a result, even if Open/Close operation of the passenger's window is attempted, the current from TERMINAL E of the power window regulator master SW is not grounded and the motor does not rotate, so the passenger's window can not be operated and window lock occurs.

2. Auto Operation (Driver's Window)

When the power window regulator master SW is pushed two steps, the motor rotates to the window automatically.

3. Stopping of Auto Operation (Driver's Window)

Auto operation can be stopped in mid-course with switching power window regulator master SW one step during the operation.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
D62	27	F1	28	G3	28
E1	28	F4	28	H1	28
E4	28	G1	28	H3	28

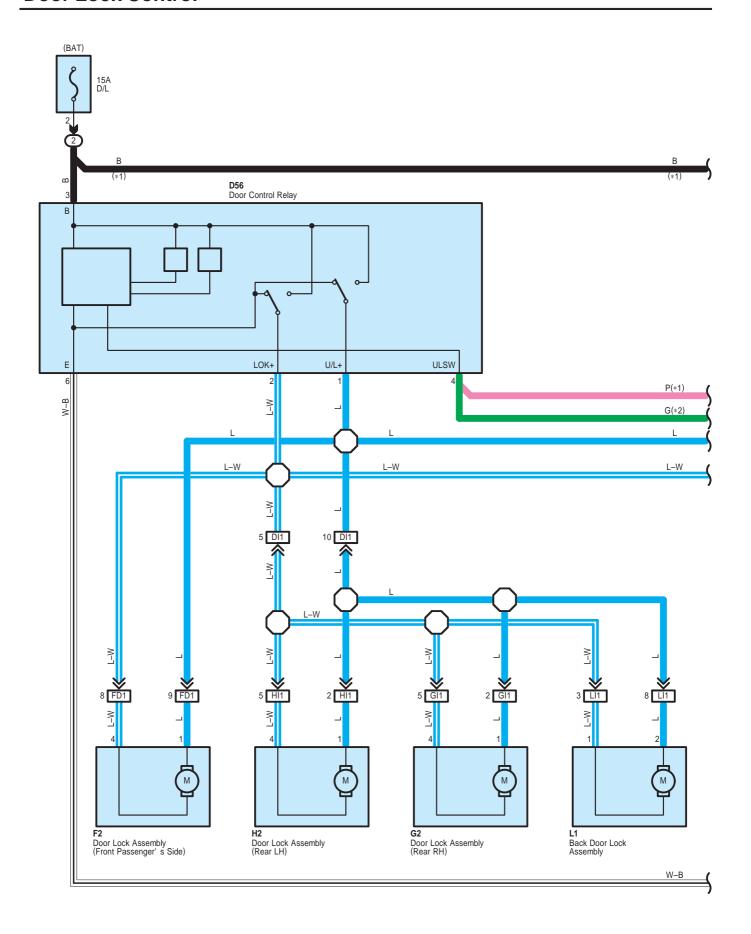
: Relay Blocks

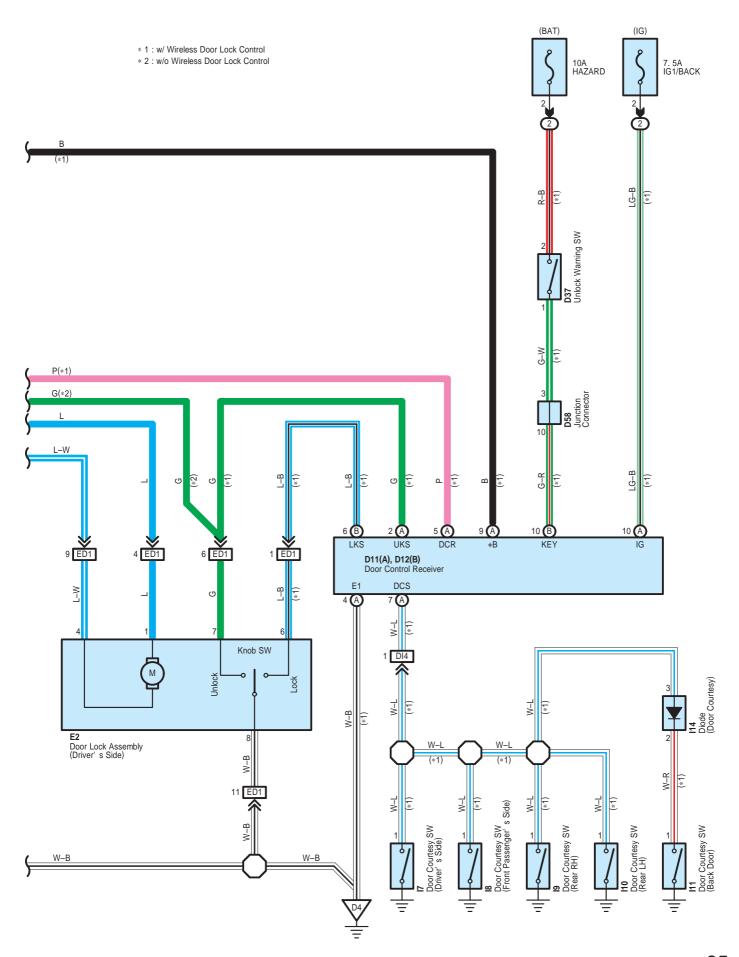
Code	See Page	Relay Blocks (Relay Block Location)
2	23	Instrument Panel R/B (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)	
DI3	31	Instrument Panel Wire and Floor Wire (Right Kick Panel)	
ED1	31	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)	
EI1	31	Front Door RH Wire and Floor Wire (Right Kick Panel)	
FD1	31	ont Door LH Wire and Instrument Panel Wire (Left Kick Panel)	
GI1	32	Rear Door No.1 Wire and Floor Wire (Under the Center Pillar RH)	
HI1	32	Rear Door No.2 Wire and Floor Wire (Under the Center Pillar LH)	

Code	See Page	Ground Points Location
D2	31	Left Kick Panel





Door Lock Control

System Outline

1. Manual Lock Operation

When the driver's side door lock knob SW is operated to LOCK position, a lock signal is input to TERMINAL (B) 6 of the door control receiver to TERMINAL (A) 5 to TERMINAL 4 of the door control relay (w/ wireless door lock control) or TERMINAL 4 of the door control relay (w/o wireless door lock control) and causes the door control relay to function. The current flows from TERMINAL 3 of the door control relay to TERMINAL 2 to the door lock motors to TERMINAL 1 of the door control relay to TERMINAL 6 to GROUND and the door lock motors locks the door.

2. Manual Unlock Operation

When the driver's side door lock knob SW is operated to UNLOCK position, an unlock signal is input to TERMINAL (A) 2 of the door control receiver to TERMINAL (A) 5 to TERMINAL 4 of the door control relay (w/ wireless door lock control) or TERMINAL 4 of the door control relay (w/o wireless door lock control) and causes the door control relay to function. The current flows from TERMINAL 3 of the door control relay to TERMINAL 1 to the door lock motors to TERMINAL 2 of the door control relay to TERMINAL 6 to GROUND and the door lock motors unlocks the door.

: Parts Location

Co	de	See Page	Code	See Page	Code	See Page
D11	А	26	F2	28	I10	29
D12	В	26	G2	28	l11	29
D:	37	26	H2	28	l14	29
D:	56	27	17	29	L1	29
D:	58	27	18	29		
E	2	28	19	29		

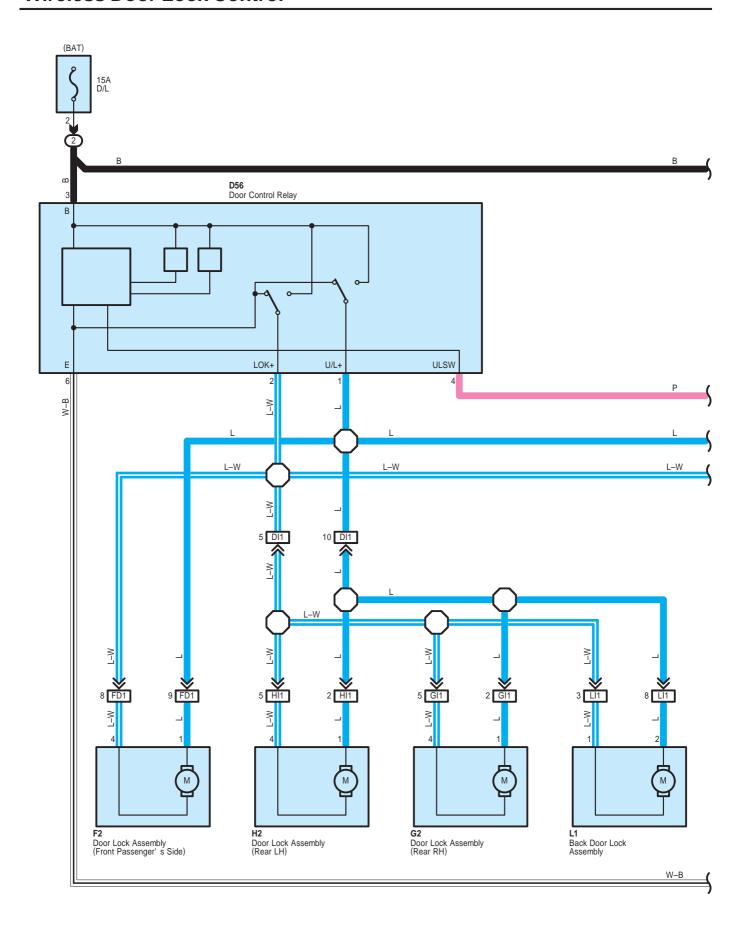
: Relay Blocks

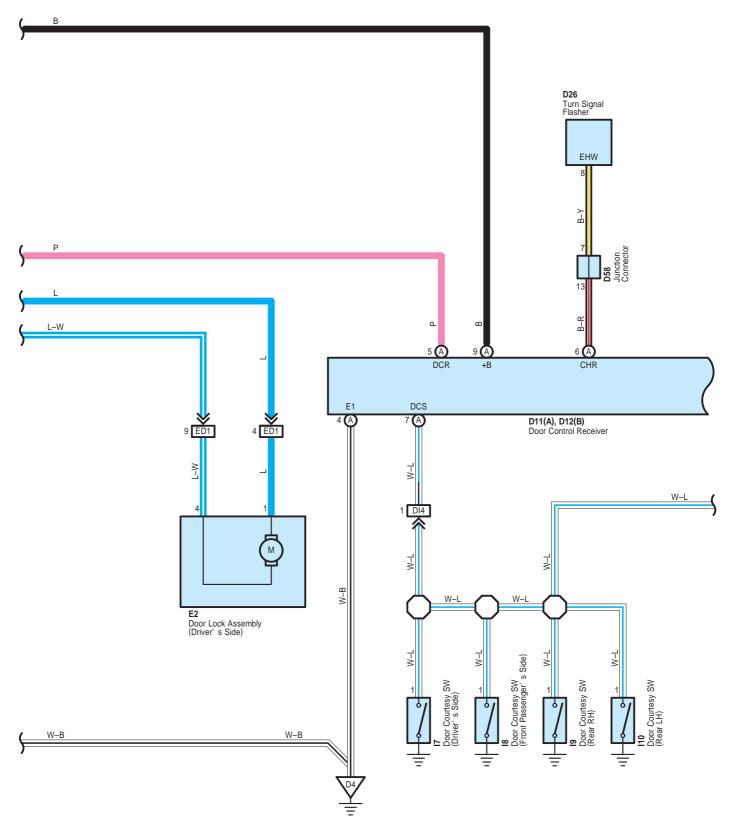
Code	See Page	Relay Blocks (Relay Block Location)	
2 23 Instrument Panel R/B (Right Kick Panel)		Instrument Panel R/B (Right Kick Panel)	

: Connector Joining Wire Harness and Wire Harness

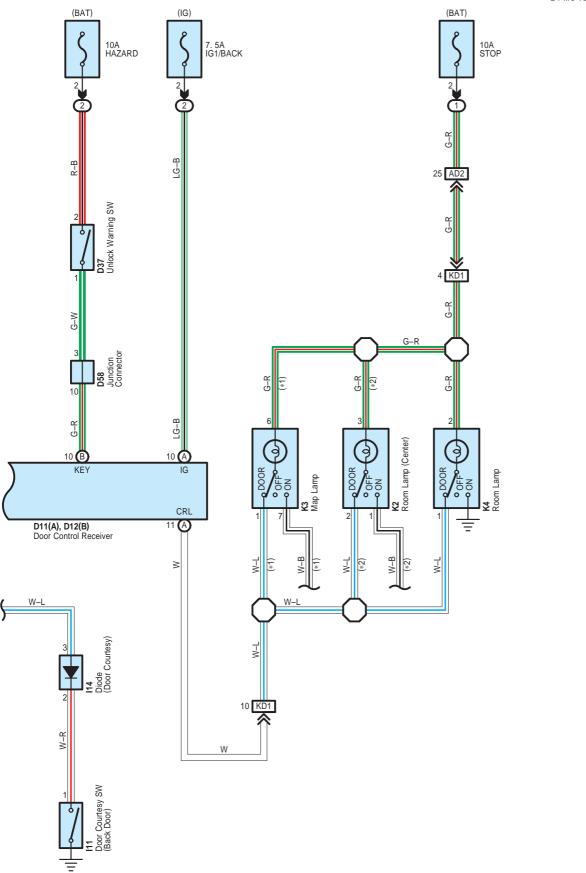
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
DI1	31	Instrument Panel Wire and Floor Wire (Left Kick Panel)
DI4	31	Instrument Panel Wire and Floor Wire (Right Kick Panel)
ED1	31	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
FD1	31	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
GI1	32	Rear Door No.1 Wire and Floor Wire (Under the Center Pillar RH)
HI1	32	Rear Door No.2 Wire and Floor Wire (Under the Center Pillar LH)
LI1 32 Back Door No.1 Wire and Floor Wire (Under the Right Rear Quarter Panel)		Back Door No.1 Wire and Floor Wire (Under the Right Rear Quarter Panel)

Code	See Page	Ground Points Location
D4	30	Left Fender Apron





- * 1 : w/ Vanity Lamp
- * 2 : w/o Vanity Lamp



System Outline

Door lock control (Lock and unlock) is performed by remote control, without the ignition key inserted in the door key cylinder, using low–power electrical waves emitted by a transmitter.

1. Central Door Lock Control

Output door lock/unlock signal in conjuction with the door knob switch.

2. Room Lamp Control

Turn on/off room lamps when the doors are opened/closed.

3. Wireless Entry Control

Output door lock/unlock signal when door lock/unlock code from the transmitter is received.

Hazard lamps blink and room lamps turn on as answer back.

: Parts Location

Code		See Page	Code	See Page	Code	See Page
D11	Α	26	F2	28	l11	29
D12	В	26	G2	28	l14	29
D2	26	26	H2	28	K2	29
D37 D56 D58		26	17	29	K3	29
		27	18	29	K4	29
		27	19	29	L1	29
E2		28	I10	29		

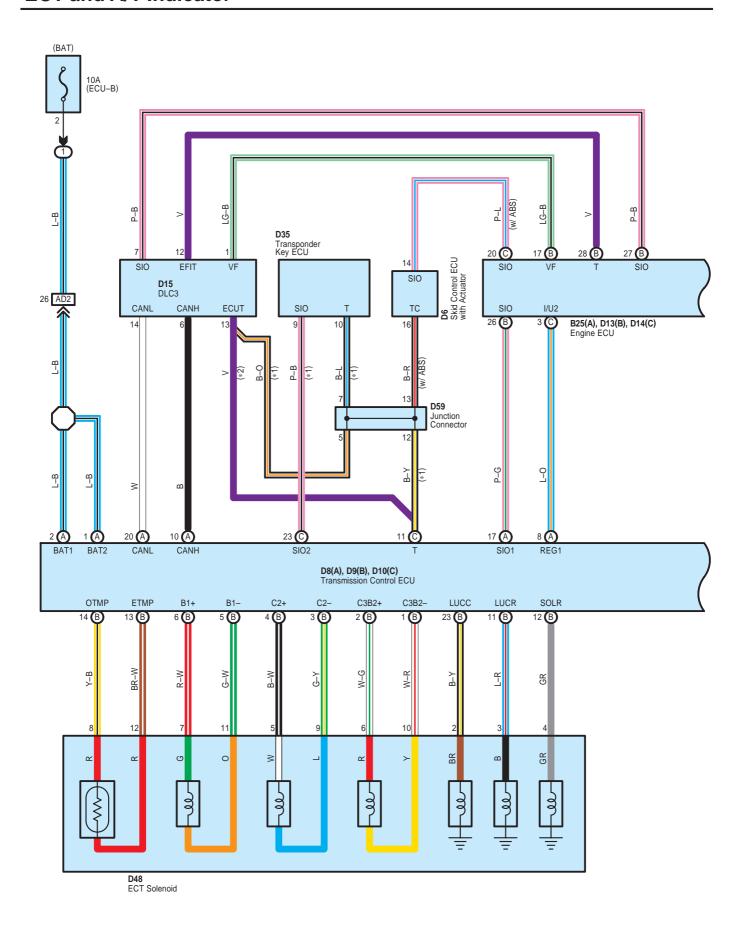
) : Relay Blocks

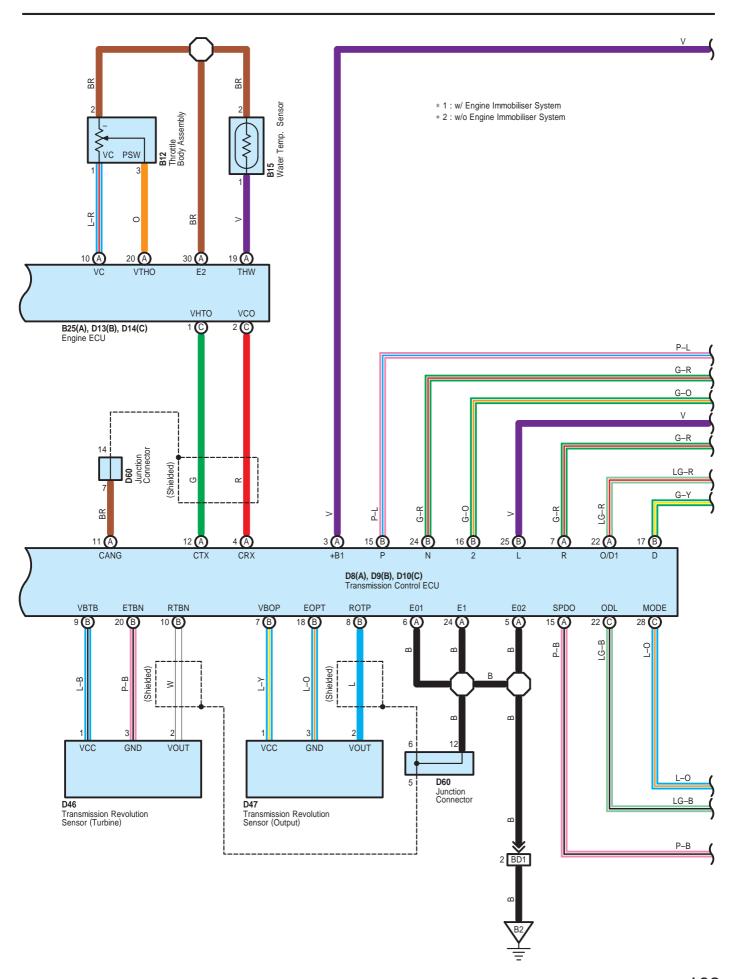
	Code	See Page	Relay Blocks (Relay Block Location)		
1 22 Engine Room R/B (Engine Compartment Right)		Engine Room R/B (Engine Compartment Right)			
2 23 Instrument Panel R/B (Right Kick Panel)		Instrument Panel R/B (Right Kick Panel)			

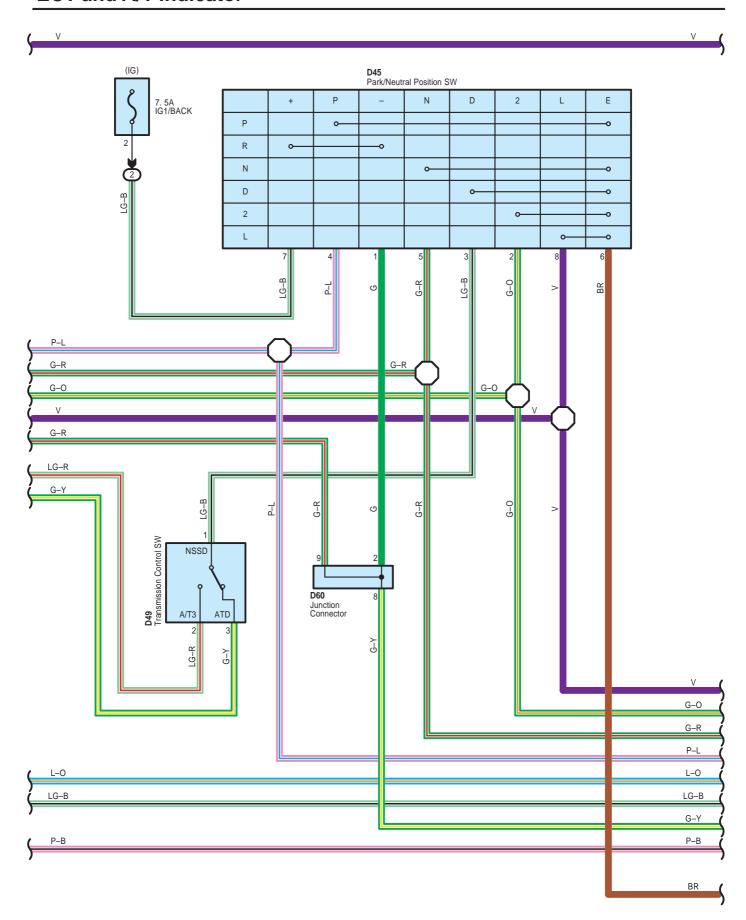
: Connector Joining Wire Harness and Wire Harness

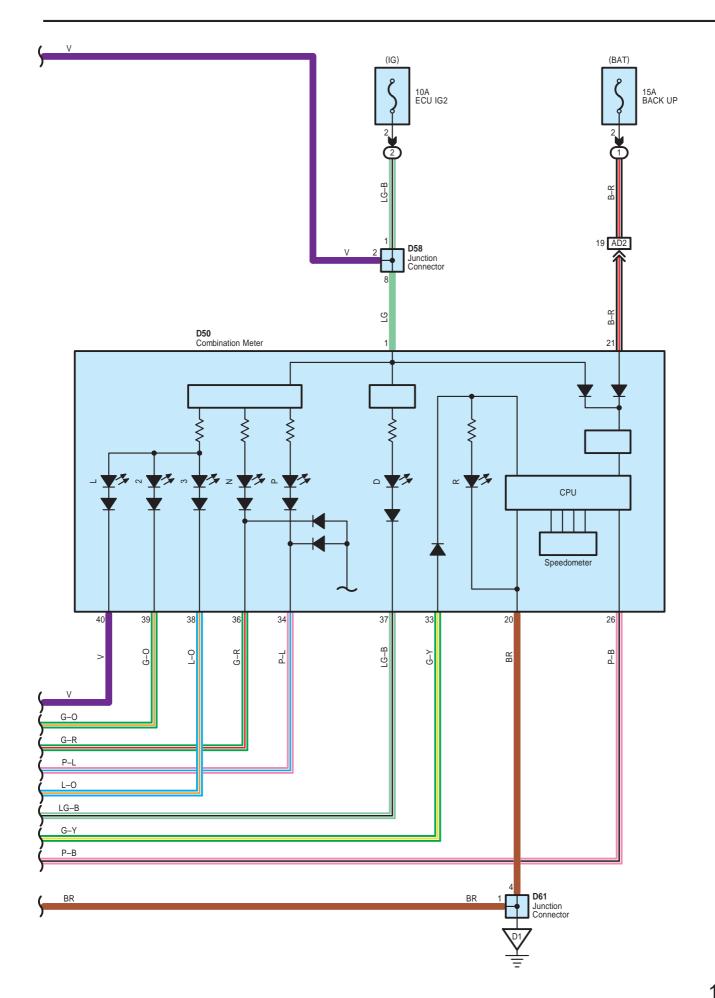
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)
DI1	31	Instrument Panel Wire and Floor Wire (Left Kick Panel)
DI4	31	Instrument Panel Wire and Floor Wire (Right Kick Panel)
ED1	31	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
FD1	31	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
GI1	32	Rear Door No.1 Wire and Floor Wire (Under the Center Pillar RH)
HI1	32	Rear Door No.2 Wire and Floor Wire (Under the Center Pillar LH)
KD1	31	Roof Wire and Instrument Panel Wire (Left Side of the Instrument Panel)
LI1	32	Back Door No.1 Wire and Floor Wire (Under the Right Rear Quarter Panel)

Code	See Page	Ground Points Location
D4	30	Left Fender Apron









ECT and A/T Indicator

System Outline

Previous automatic transmissions have selected each gear shift using mechanically controlled throttle hydraulic pressure, governor hydraulic pressure and lock—up hydraulic pressure. The electronically controlled transmission, however, electrically controls the line pressure, throttle pressure, lock—up pressure and accumulator pressure etc. through the solenoid valve. The electronically controlled transmission is a system which precisely controls gear shift timing and lock—up timing in response to the vehicle's driving conditions and the engine condition detected by various sensors. It makes smooth driving possible by shift selection for each gear which is the most appropriate to the driving conditions at that time, and by preventing downing, squat and gear shift shock when starting off.

: Parts Location

Co	de	See Page	Co	de	See Page	Code	See Page
B ²	B12 24 D13 B 26		26	D48	27		
B ²	15	24	D14	С	26	D49	27
B25	Α	26	D′	15	26	D50	27
D	6	25	D3	35	26	D58	27
D8	Α	26	D4	45	27	D59	27
D9	В	26	D4	46	27	D60	27
D10	С	26	D4	47	27	D61	27

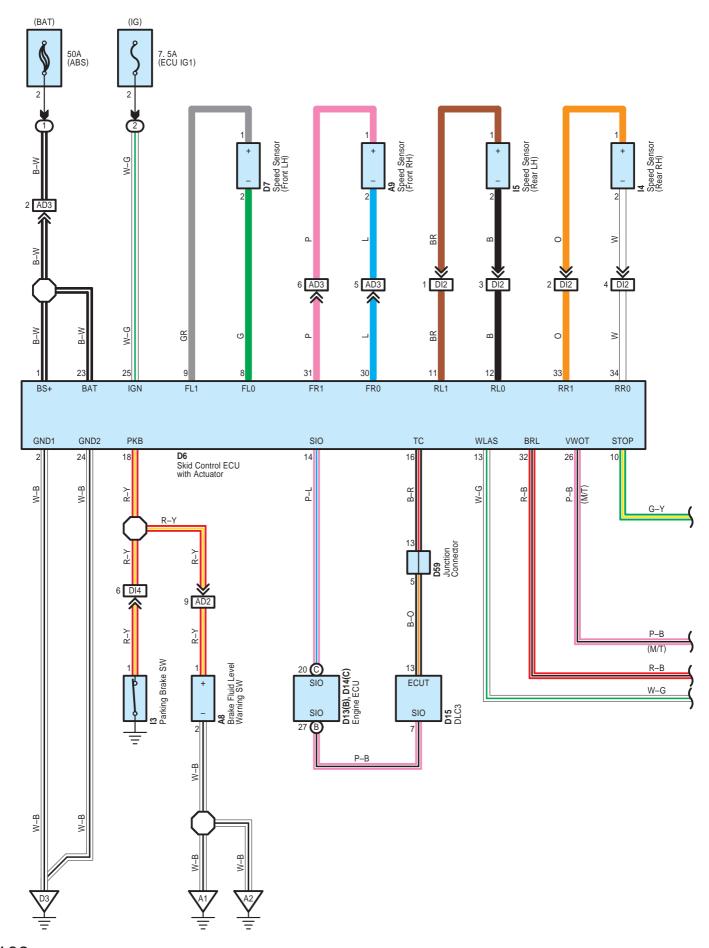
Relay Blocks

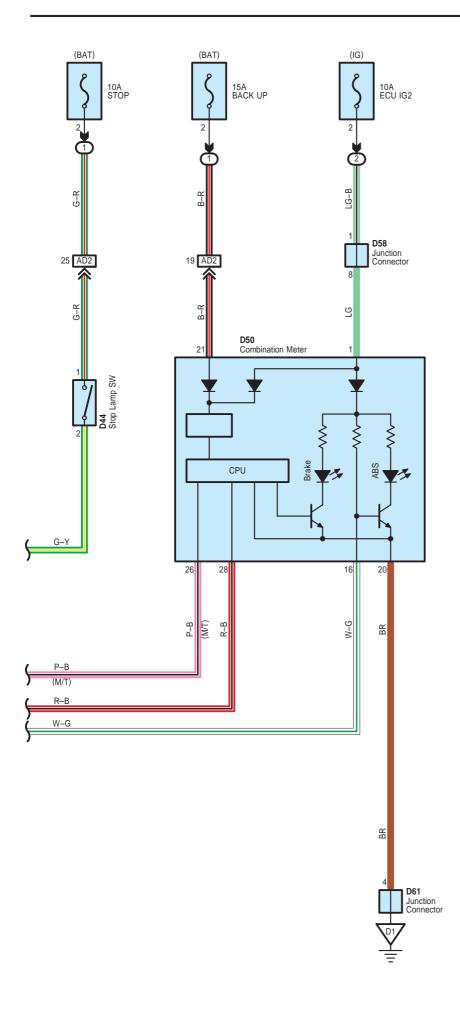
Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B (Engine Compartment Right)
2	23	Instrument Panel R/B (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)
BD1	31	Engine Wire and Instrument Panel Wire (Left Side of the Instrument Panel)

Code	See Page	Ground Points Location
B2	30	Rear Side of Engine Block
D1	31	Instrument Panel Brace LH





System Outline

This system controls the respective brake fluid pressures acting on the brake cylinders of the right front wheel, left front wheel, and rear wheels when the brakes are applied in a panic stop so that the wheels do not lock.

This results in improved directional stability and steerability during panic braking.

1. Input Signal

(1) Speed sensor signal

The speed of the wheels is detected and input to TERMINALS FL1, FR1, RL1 and RR1 of the skid control ECU with actuator.

(2) Stop lamp SW signal

A signal is input to TERMINAL STOP of the skid control ECU with actuator when the brake pedal is depressed.

2. System Operation

During sudden braking, the skid control ECU with actuator which has signals input from each sensor lets the hydraulic pressure acting on each wheel cylinder escape to the reservoir.

The pump inside the skid control ECU with actuator is also operating at this time and it returns the brake fluid from the reservoir to the master cylinder, thus preventing locking of vehicle wheels.

If the skid control ECU with actuator judges that the hydraulic pressure acting on the wheel cylinder is insufficient, the current acting on the solenoid is controlled and the hydraulic pressure is increased.

Holding of the hydraulic pressure is also controlled by the ECU, by the same method as above, by repeated pressure reduction. Holding and increase are repeated to maintain vehicle stability and to improve steerability during sudden braking.

: Parts Location

Cod	de	See Page	Co	de	See Page	Code	See Page
A8	8	24	D14	С	26	D59	27
AS	9	24	D1	5	26	D61	27
De	6	25	D4	14	27	l3	29
D7	7	25	D5	50	27	14	29
D13	В	26	D5	58	27	15	29

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B (Engine Compartment Right)
2	23	Instrument Panel R/B (Right Kick Panel)

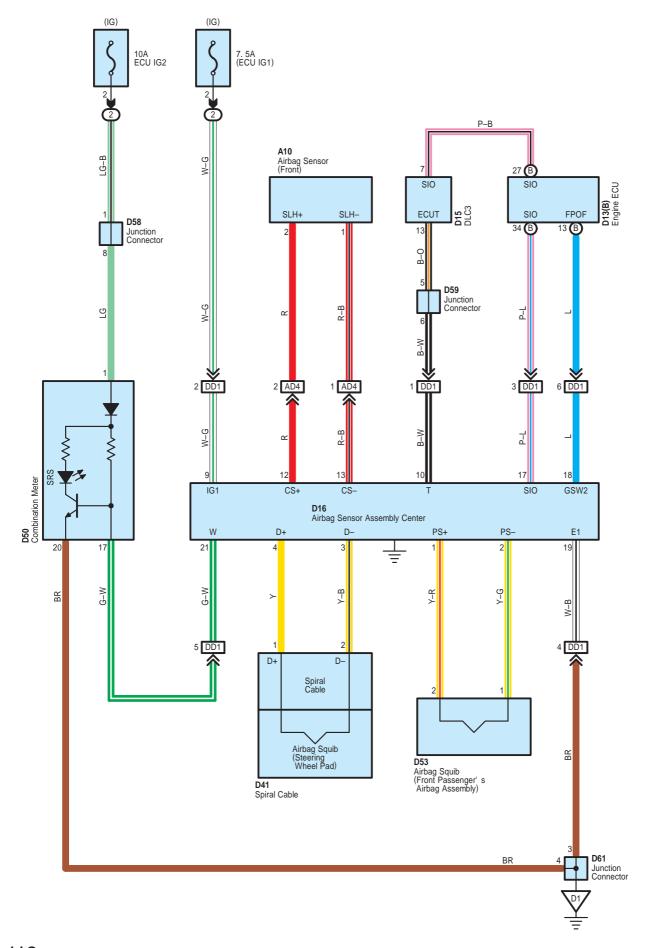
: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)		
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)		
AD3		Engine Room Main Wire and instrument Faner Wire (Right Side of the Instrument Faner)		
DI2	31	nstrument Panel Wire and Floor Wire (Left Kick Panel)		
DI4	31	Instrument Panel Wire and Floor Wire (Right Kick Panel)		

Code	See Page	Ground Points Location
A1	31	Cowl Side Panel RH
A2	30	Near the Engine Room R/B
D1	31	Instrument Panel Brace LH
D3	31	Left Kick Panel

NOTICE: When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information
 when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- Work must be started more than 90 seconds after the ignition SW is turned to the "LOCK" position and the
 negative (-) terminal cable is disconnected from the battery.
 (The SRS is equipped with a back-up power source so that if work is started within 90 seconds from
 disconnecting the negative (-) terminal cable of the battery, the SRS may deploy.)
- When the negative (-) terminal cable is disconnected from the battery, the memory of the clock and audio system will be cleared. So before starting work, make a record of the contents in the audio memory system. When work is finished, reset the audio systems as they were before and adjust the clock. Some vehicles have power tilt steering, power telescopic steering, power seat and power outside rear view mirror which are all equipped with memory function. However, it is not possible to make a record of these memory contents. So when the work is finished, it will be necessary to explain it to your customer, and ask the customer to adjust the features and reset the memory. To avoid erasing the memory in each system, never use a back—up power supply from outside the vehicle.
- Before repair, remove the airbag sensor if shocks are likely to be applied to the sensor during repair.
- Do not expose the following parts directly to hot air or flame;
- Even in cases of a minor collision where the SRS does not deploy, the following parts should be inspected;
- Never use SRS parts from another vehicle. When replacing parts, replace with new parts.
- For the purpose of reuse, never disassemble and repair the following parts.
- If the following parts have been dropped, or have cracks, dents and other defects in their case, bracket, and connector, replace with new one.
- Use a volt/ohmmeter with high impedance (10 kΩ/V minimum) for troubleshooting electrical circuits of the system.
- Information labels are attached to the periphery of the SRS components. Follow the instructions of the notice.
- After work on the SRS is completed, check the SRS warning light.
- If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.
 - * Steering wheel pad
 - * Front passenger airbag assembly
 - * Center airbag sensor assembly
 - * Front airbag sensor assembly



System Outline

- * The system reaches an ignition judgment to deploy the following device based on the signals received from the front airbag sensor and deceleration sensor.
 - Driver Airbag
 - Front Passenger Airbag
- * The airbag sensor assembly transmits a signal to the Engine ECU in order to stop the fuel pump.

: Parts Location

C	ode	See Page	Code	See Page	Code	See Page
Α	.10	24	D41	26	D59	27
D13	В	26	D50	27	D61	27
D	15	26	D53	27		
D	16	26	D58	27		

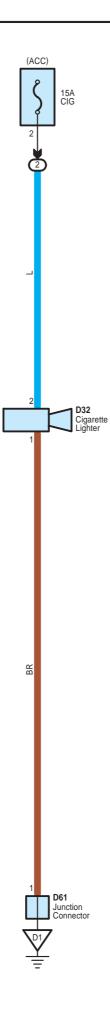
: Relay Blocks

	Code	See Page	Relay Blocks (Relay Block Location)	
Γ	2	23	Instrument Panel R/B (Right Kick Panel)	

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD4	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)
DD1	31	Instrument Panel Wire and Instrument Panel Wire (Instrument Panel Center)

	Code	See Page	Ground Points Location
ı	D1	31	Instrument Panel Brace LH

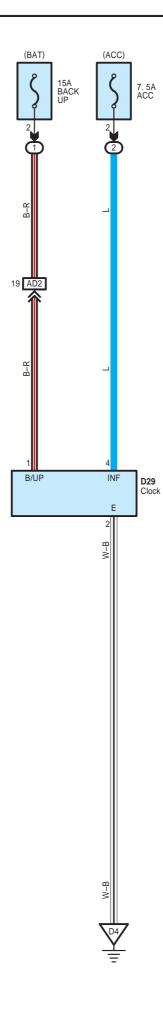


Code	See Page	Code	See Page	Code	See Page
D32	26	D61	27		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2	23	Instrument Panel R/B (Right Kick Panel)

С	ode	See Page	Ground Points Location
	D1	31	Instrument Panel Brace LH



Code	See Page	Code	See Page	Code	See Page
D29	26				

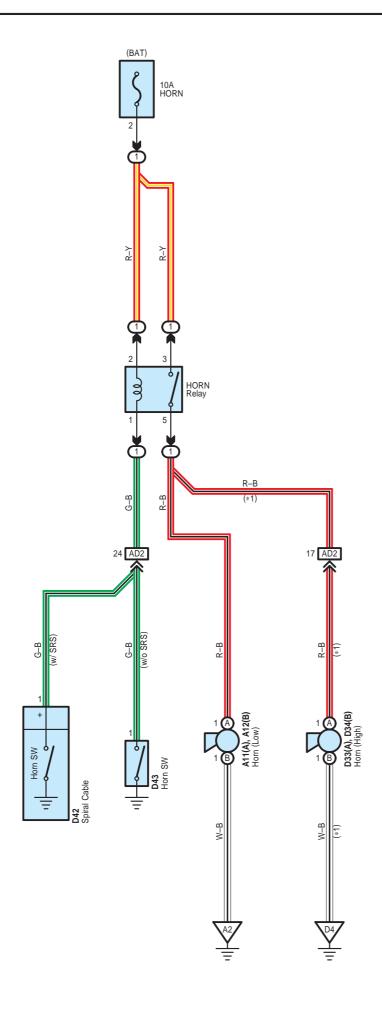
: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22 Engine Room R/B (Engine Compartment Right)	
2 23 Instrument Panel R/B (Right Kick Panel)		Instrument Panel R/B (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	Code See Page Joining Wire Harness and Wire Harness (Connector Location)	
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)

	Code	See Page	Ground Points Location
Ī	D4	30	Left Fender Apron



Code		See Page	Co	de	See Page	Code	See Page
A11	Α	24	D33	Α	25	D42	26
A12	В	24	D34	В	25	D43	27

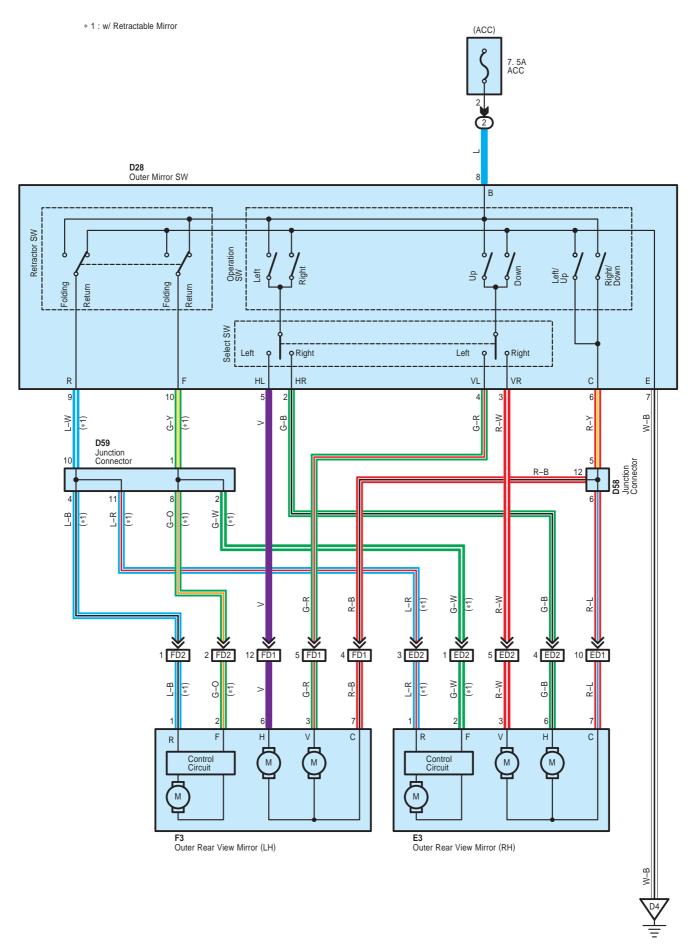
: Relay Blocks

	Code	See Page	Relay Blocks (Relay Block Location)
Г	1	22	Engine Room R/B (Engine Compartment Right)

: Connector Joining Wire Harness and Wire Harness

Code	See Page Joining Wire Harness and Wire Harness (Connector Location)	
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)

Code	See Page	Ground Points Location	
A2	30	Near the Engine Room R/B	
D4	30	Left Fender Apron	



Code	See Page	Code	See Page	Code	See Page
D28	26	D59	27	F3	28
D58	27	E3	28		

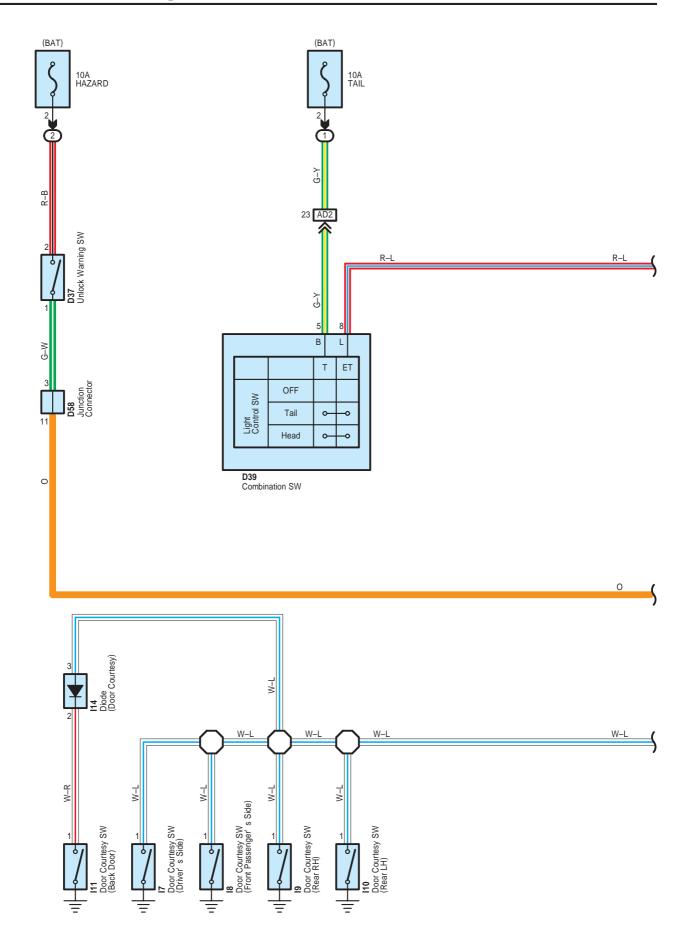
: Relay Blocks

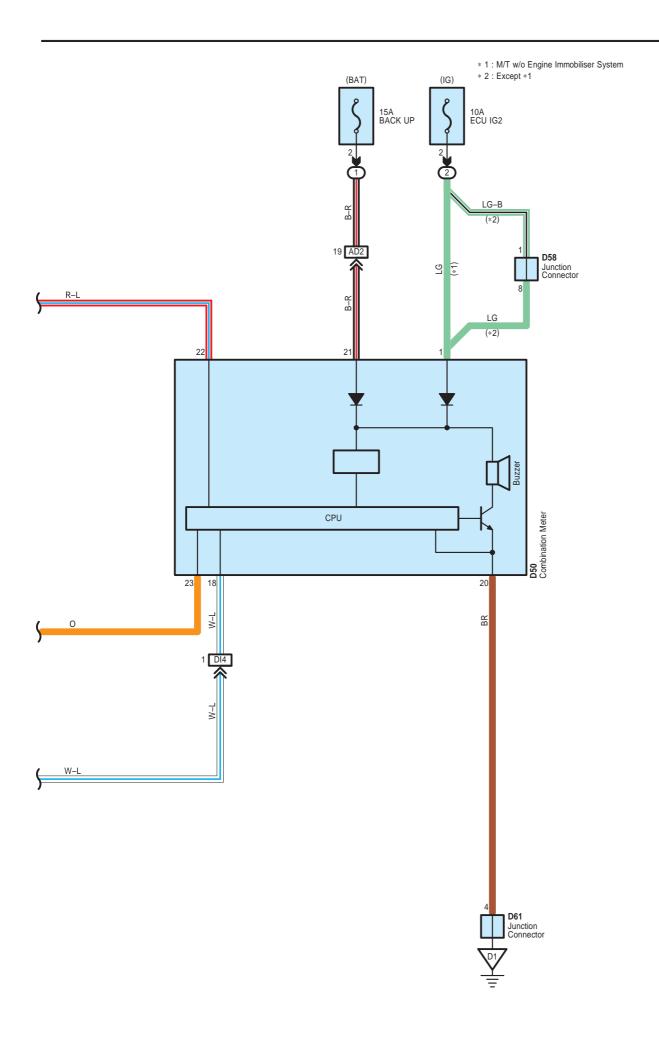
Code	See Page	Relay Blocks (Relay Block Location)
2 23 Instrument Panel R/B (Right Kick Panel)		Instrument Panel R/B (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)		
ED1	21	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)		
ED2	31	Flort Door Kit Wile and institution trailer wile (Kight Kick Failer)		
FD1	31	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)		
FD2	31	Front Door LH wire and instrument Paner wire (Left Nick Paner)		

Code	See Page	Ground Points Location
D4	30	Left Fender Apron





Key Reminder and Light Reminder

System Outline

The current is applied at all times to TERMINAL 21 of the combination meter through the BACK UP fuse.

When the ignition SW is turned to ON position, the current flows to TERMINAL 1 of the combination meter through the ECU IG2 fuse. When the light control SW is turned to TAIL or HEAD position, current is applied to TERMINAL 22 of the combination meter through the TAIL fuse via the light control SW.

1. Key Reminder System

When the door is opened with the ignition SW off and ignition key remaining in the key cylinder (Unlock warning SW on), a signal is input from the unlock warning SW to TERMINAL 23 of the combination meter, and from the door courtesy SW to TERMINAL 18 of the combination meter. As a result, the buzzer in the combination meter goes on and warns the driver that the key is remaining in the key cylinder.

2. Light Reminder System

When the light control SW is in TAIL or HEAD position, the ignition SW turned to OFF from ON position, ignition key is not in the key cylinder and the door opened (Door courtesy SW on), the current flows to TERMINAL 1 of the combination meter stops. As a result, the combination meter is activated and current flows from TERMINAL 21 of the combination meter, the buzzer in the combination meter goes on to remind the light is lighting up.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
D37	26	D61	27	I10	29
D39	26	17	29	l11	29
D50	27	18	29	l14	29
D58	27	19	29		

: Relay Blocks

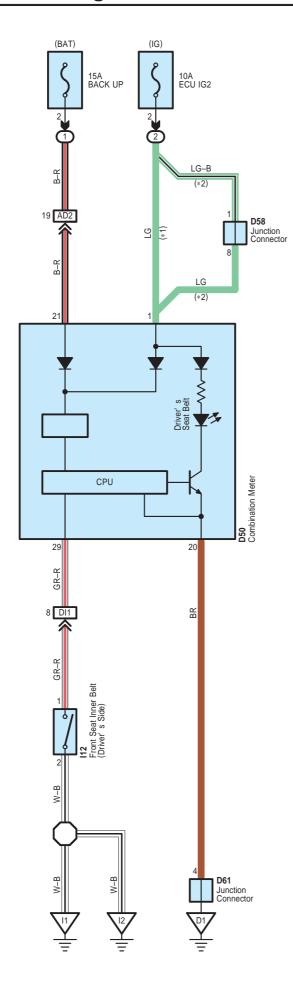
Code	See Page	Relay Blocks (Relay Block Location)		
1	1 22 Engine Room R/B (Engine Compartment Right)			
2 23 Instrument Panel R/B (Right Kick Panel)		Instrument Panel R/B (Right Kick Panel)		

: Connector Joining Wire Harness and Wire Harness

	Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)			
	AD2 31 Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)					
DI4 31 Instrument Panel Wire and Floor Wire (Right Kick Panel)		Instrument Panel Wire and Floor Wire (Right Kick Panel)				

Code	See Page	Ground Points Location	
D1 31 Instrument Panel Brace LH		Instrument Panel Brace LH	

- * 1 : M/T w/o Engine Immobiliser System
- * 2 : Except *1



System Outline

When the driver has not fastened the seat belt while the ignition SW is ON, the driver seat belt warning light blinks.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
D50	27	D61	27		
D58	27	l12	29		

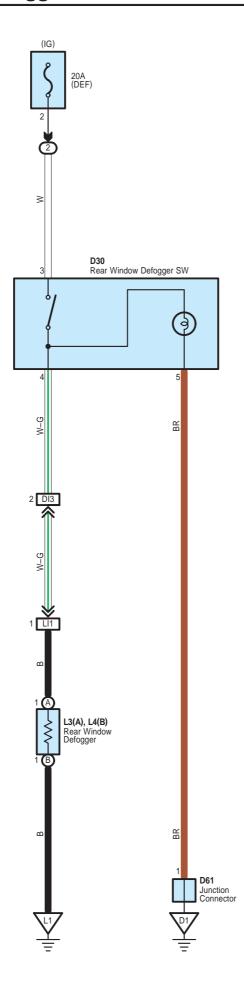
: Relay Blocks

Code	See Page	elay Blocks (Relay Block Location)				
1	22					
2 23 Instrument Panel R/B (Right Kick Panel)						

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)		
AD2 31 Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)		Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)		
DI1 31 Instrument Panel Wire and Floor Wire (Left Kick Panel)		Instrument Panel Wire and Floor Wire (Left Kick Panel)		

Code	See Page	round Points Location		
D1	31	Instrument Panel Brace LH		
l1	32	nder the Right Rear Quarter Panel		
12	32	Under the Left Rear Quarter Panel		



Code	See Page	Co	de	See Page	Code	See Page
D30	26	L3	Α	29		
D61	27	L4	В	29		

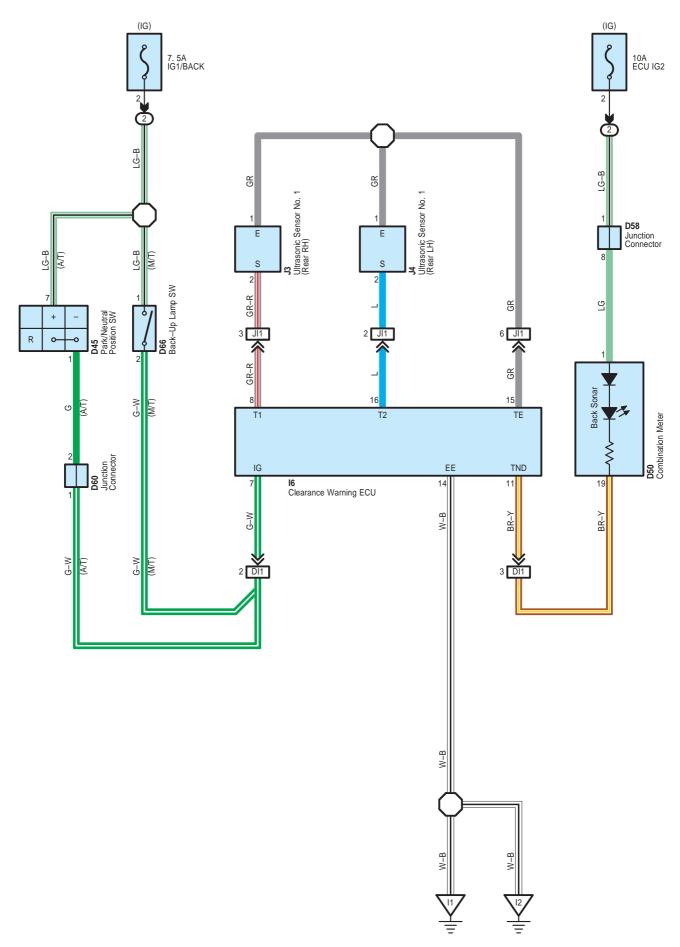
: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2	23	Instrument Panel R/B (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
DI3	31 Instrument Panel Wire and Floor Wire (Right Kick Panel)	
LI1 32 Back Door No.1 Wire and Floor Wire (Under the Right Rear Quarter Panel)		Back Door No.1 Wire and Floor Wire (Under the Right Rear Quarter Panel)

Code	See Page	Ground Points Location
D1	31	Instrument Panel Brace LH
L1	32	Back Door Center



Code	See Page	Code	See Page	Code	See Page
D45	27	D60	27	J3	29
D50	27	D66	27	J4	29
D58	27	16	29		

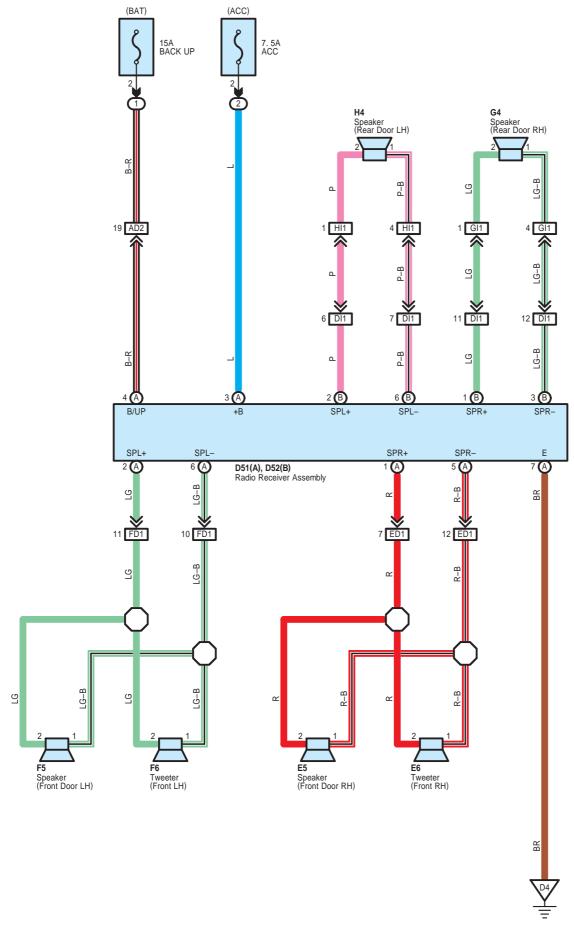
: Relay Blocks

	Code	See Page	Relay Blocks (Relay Block Location)
2 23 Instrument Panel R/B (Right Kick Panel)		23	Instrument Panel R/B (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
DI1 31 Instrument Panel Wire and Floor Wire (Left Kick Panel)		Instrument Panel Wire and Floor Wire (Left Kick Panel)
JI1 32 Floor No.2 Wire and Floor Wire (Under the Left Rear Quarter Panel)		Floor No.2 Wire and Floor Wire (Under the Left Rear Quarter Panel)

Code	See Page	Ground Points Location
I1 32 Under the Right Rear Quarter Panel		Under the Right Rear Quarter Panel
12	32	Under the Left Rear Quarter Panel



Code		See Page	Code	See Page	Code	See Page
D51	Α	27	E6	28	G4	28
D52	В	27	F5	28	H4	28
E5		28	F6	28		

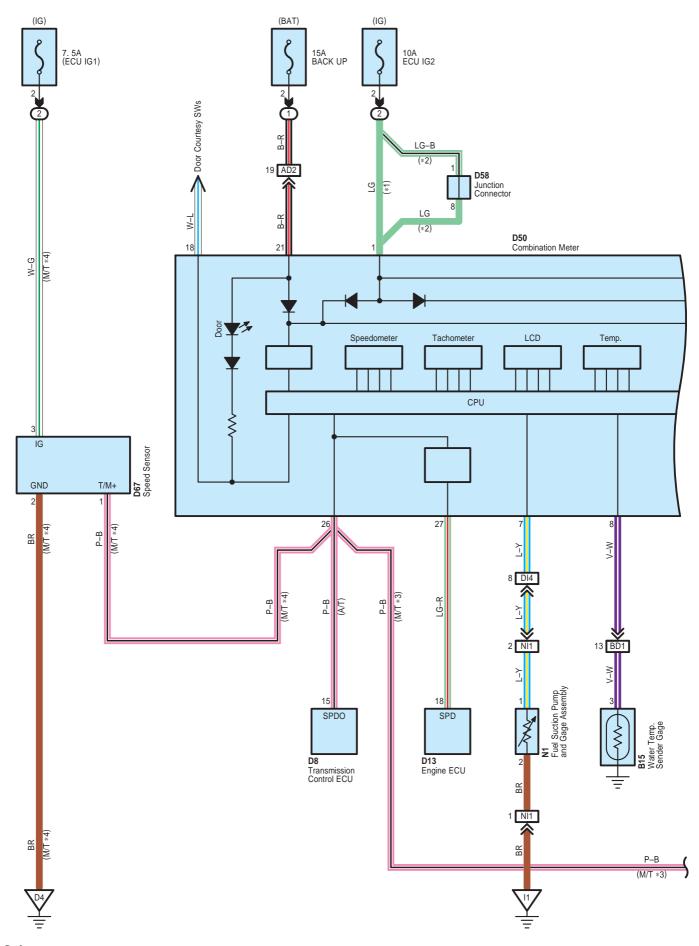
: Relay Blocks

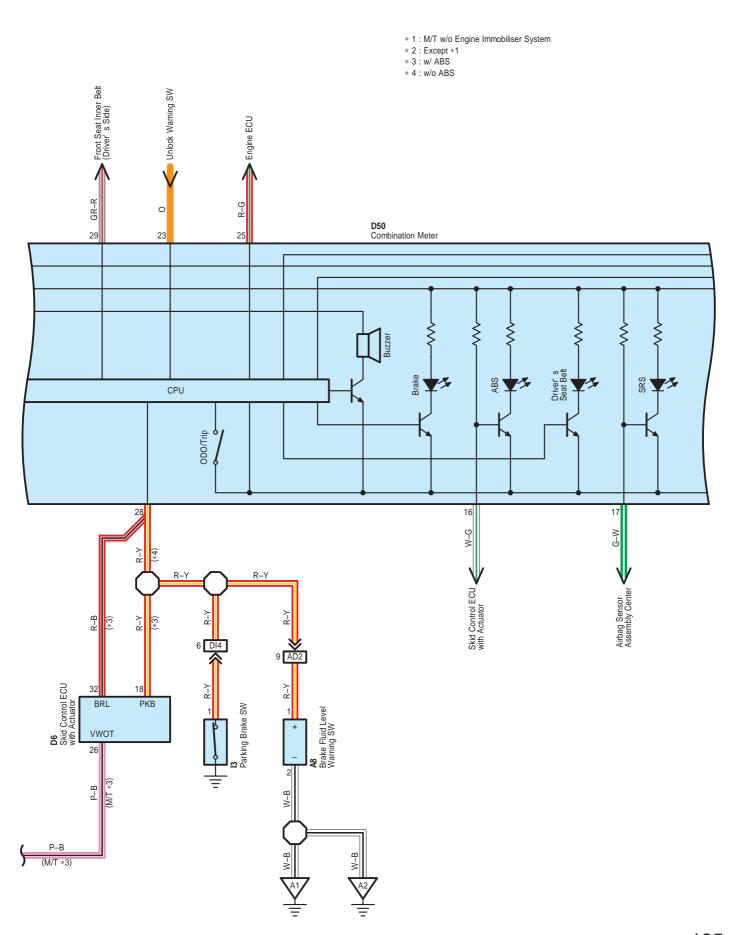
Code See Page Relay Blocks (Relay Block Location)			Relay Blocks (Relay Block Location)
	1	1 22 Engine Room R/B (Engine Compartment Right)	
2 23 Instrument Panel R/B (Right Kick Panel)		Instrument Panel R/B (Right Kick Panel)	

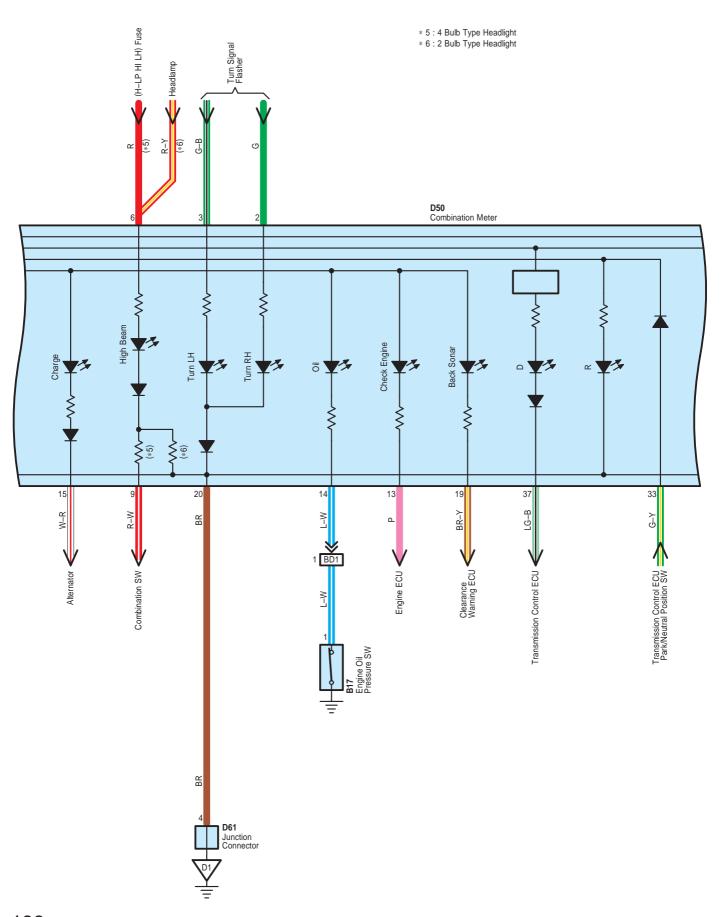
: Connector Joining Wire Harness and Wire Harness

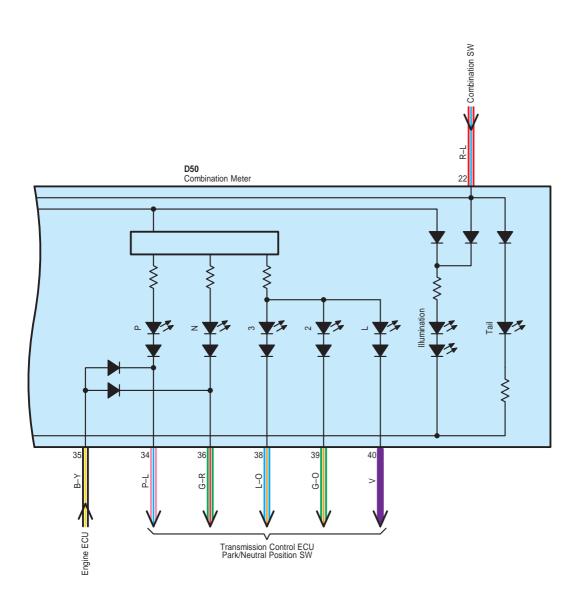
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)
DI1	31	Instrument Panel Wire and Floor Wire (Left Kick Panel)
ED1	31	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
FD1	31	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
GI1	32	Rear Door No.1 Wire and Floor Wire (Under the Center Pillar RH)
HI1	32	Rear Door No.2 Wire and Floor Wire (Under the Center Pillar LH)

	Code See Page		Ground Points Location
I	D4	30	Left Fender Apron









Combination Meter

O : Parts Location

Code	See Page	Code	See Page	Code	See Page
A8	24	D8	26	D61	27
B15	24	D13	26	D67	27
B17	24	D50	27	13	29
D6	25	D58	27	N1	29

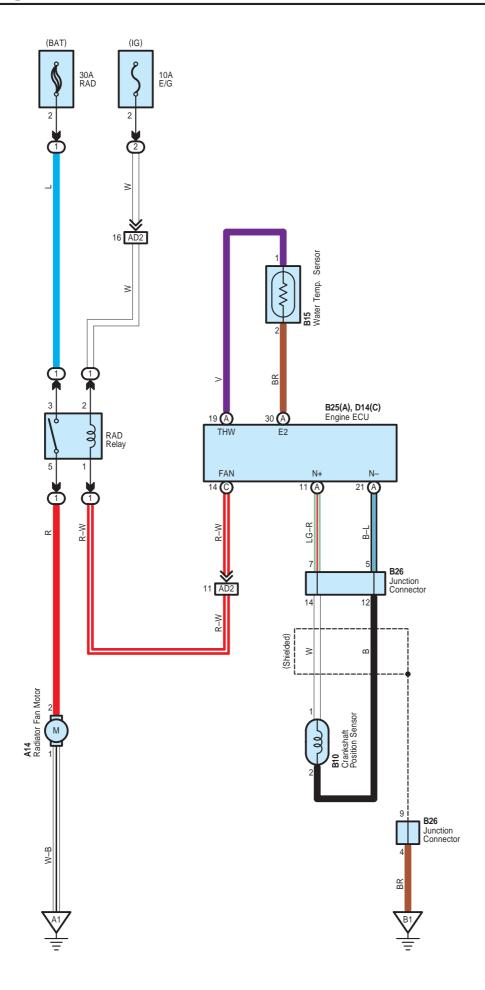
: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1 22 Engine Room R/B (Engine Compartment Right)		Engine Room R/B (Engine Compartment Right)
2	23	Instrument Panel R/B (Right Kick Panel)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AD2 31 Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)		Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)
BD1	31	Engine Wire and Instrument Panel Wire (Left Side of the Instrument Panel)
DI4 31 Instrument Panel Wire and Floor Wire (Right Kick Panel)		Instrument Panel Wire and Floor Wire (Right Kick Panel)
NI1	32	Fuel Pump Wire and Floor Wire (Near the Rear Differential)

Code	See Page	Ground Points Location
A1	31	Cowl Side Panel RH
A2	30	Near the Engine Room R/B
D1	31	Instrument Panel Brace LH
D4 30 Left Fender Apron		Left Fender Apron
I1	32	Under the Right Rear Quarter Panel



Code	See Page	Code		See Page	Code		See Page
A14	24	B′	15	24	B	26	26
B10	24	B25	Α	26	D14	С	26

: Relay Blocks

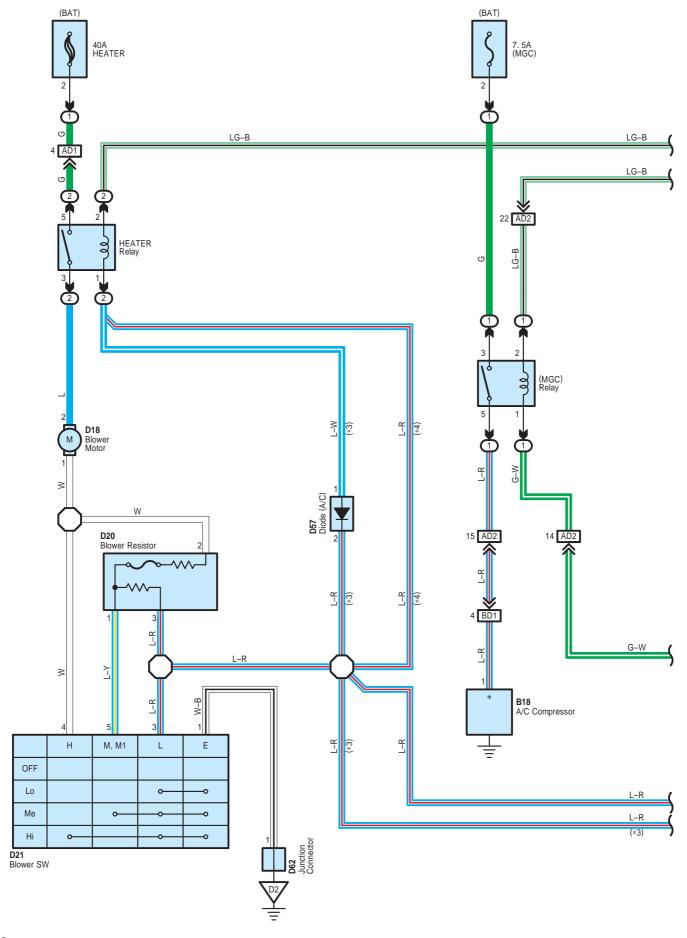
Code	See Page	Relay Blocks (Relay Block Location)
1 22 Engine Room R/B (Engine Compartment Right) 2 23 Instrument Panel R/B (Right Kick Panel)		Engine Room R/B (Engine Compartment Right)
		Instrument Panel R/B (Right Kick Panel)

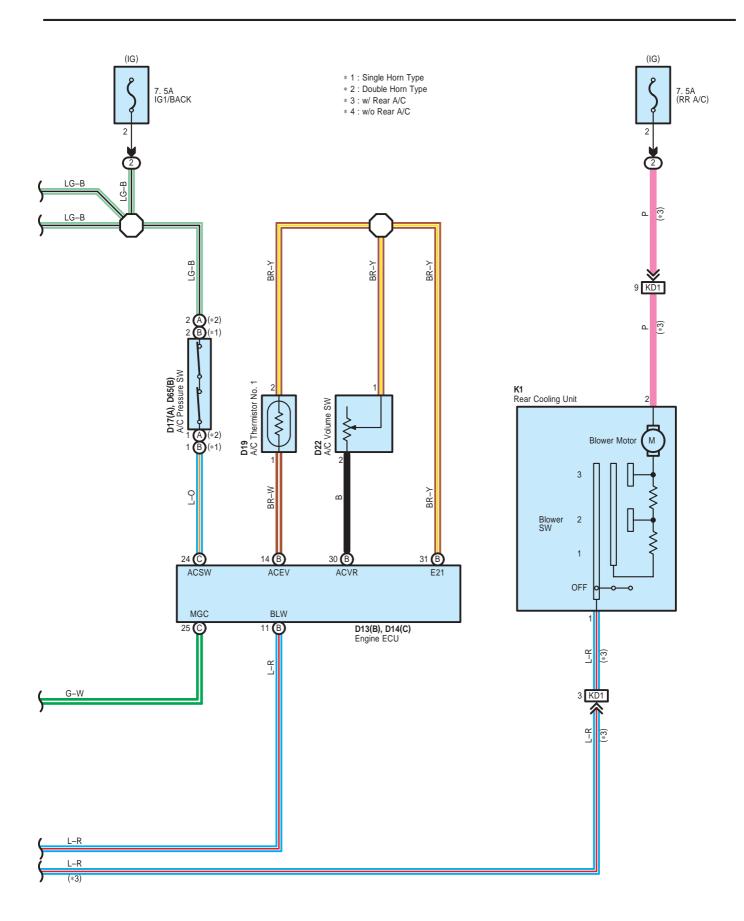
: Connector Joining Wire Harness and Wire Harness

	Code	de See Page Joining Wire Harness and Wire Harness (Connector Location)	
1	AD2	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)

\sum : Ground Points

	Code	See Page	Ground Points Location
Г	A1	31	Cowl Side Panel RH
Г	B1	30	Rear Side of Engine Block





System Outline

Current is applied at all times through the HEATER fuse to TERMINAL 5 of the HEATER relay.

When the ignition SW is turned on, the current flows through the IG1/BACK fuse to TERMINAL 2 of the HEATER relay to TERMINAL 1 to TERMINAL 3 of the blower SW.

Blower Motor Operation

* Low speed operation

When the blower SW is moved to Lo position, the current flows to TERMINAL 3 of the blower SW to TERMINAL 1 to GROUND, causing the HEATER relay to turn on. This causes the current flows from the HEATER fuse to TERMINAL 5 of the HEATER relay to TERMINAL 3 to TERMINAL 2 of the blower motor to TERMINAL 1 to TERMINAL 2 of the blower resistor to TERMINAL 3 to TERMINAL 3 of the blower SW to TERMINAL 1 to GROUND, rotating the blower motor at low speed.

- * Medium speed operation (Operation at medium Low, medium High)
 When the blower SW is moved to Me position, the current flows to TERMINAL 3 of the blower SW to TERMINAL 1 to
 GROUND, causing the HEATER relay to turn on. This causes the current flows from the HEATER fuse to TERMINAL 5
 of the HEATER relay to TERMINAL 3 to TERMINAL 2 of the blower motor to TERMINAL 1 to TERMINAL 2 of the blower
 resistor to TERMINAL 1 to TERMINAL 5 of the blower SW to TERMINAL 1 to GROUND. At this time, the blower
 resistance of the blower resistor is smaller than at low speed, so the blower motor rotates at medium speed.
- * High speed operation

When the blower SW is moved to high position, the current flows to TERMINAL 3 of the blower SW to TERMINAL 1 to GROUND, causing the HEATER relay to turn on.

This causes the current flows from the HEATER fuse to TERMINAL 5 of the HEATER relay to TERMINAL 3 to TERMINAL 2 of the blower motor to TERMINAL 1 to TERMINAL 4 of the blower SW to TERMINAL 1 to GROUND, rotating the blower motor at high speed.

) : Parts Location

Code		See Page	Code	See Page	Code		See Page	
B18		24	D19	26	D62		27	
D13	В	26	D20	26	D65	В	25	
D14	С	26	D21	26	К	1	29	
D17	Α	25	D22	26				
D.	18	26	D57	27				

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)	
1	1 22 Engine Room R/B (Engine Compartment Right)		
2	23	Instrument Panel R/B (Right Kick Panel)	

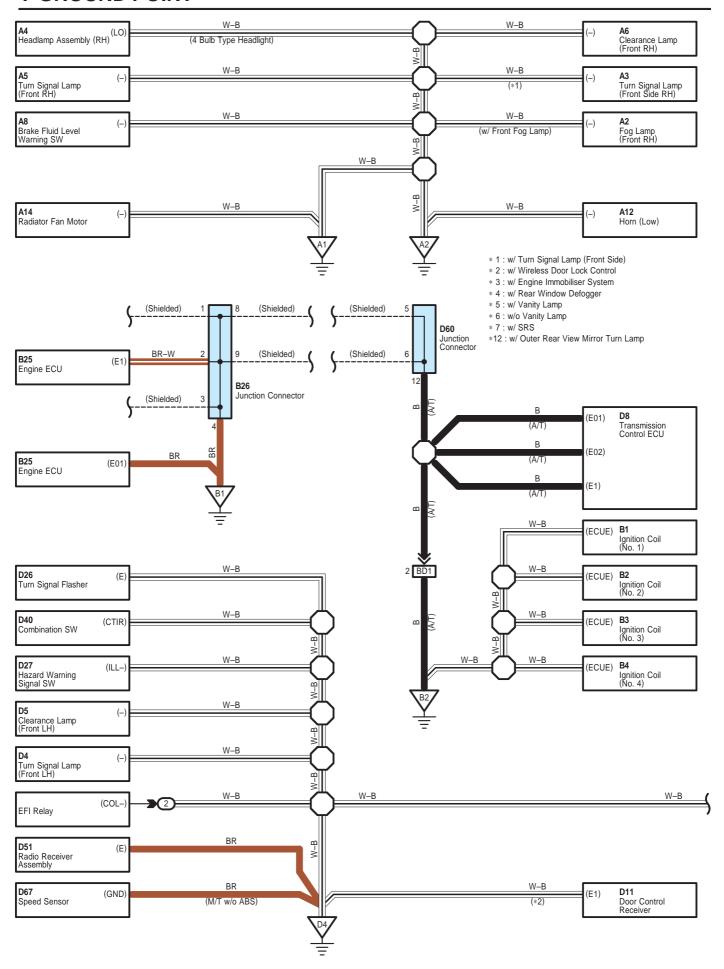
: Connector Joining Wire Harness and Wire Harness

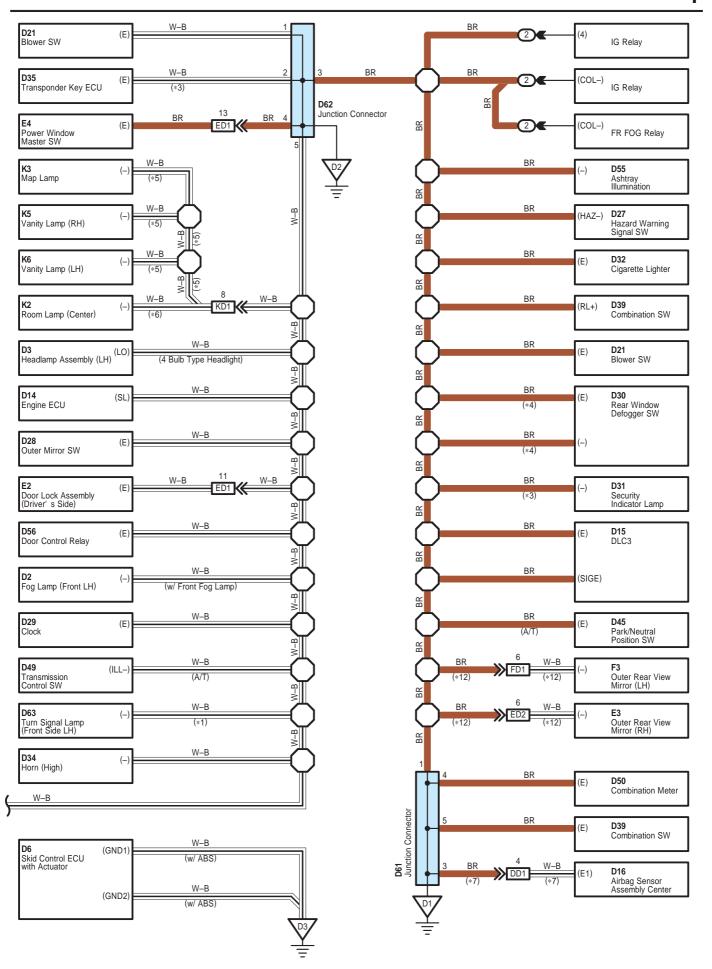
Code	See Page	loining Wire Harness and Wire Harness (Connector Location)			
AD1	31	Engine Room Main Wire and Instrument Panel Wire (Right Side of the Instrument Panel)			
AD2	31	Linging Room want wine and institution it and wine (right Side of the institution it Failer)			
BD1	31	Engine Wire and Instrument Panel Wire (Left Side of the Instrument Panel)			
KD1	31	Roof Wire and Instrument Panel Wire (Left Side of the Instrument Panel)			

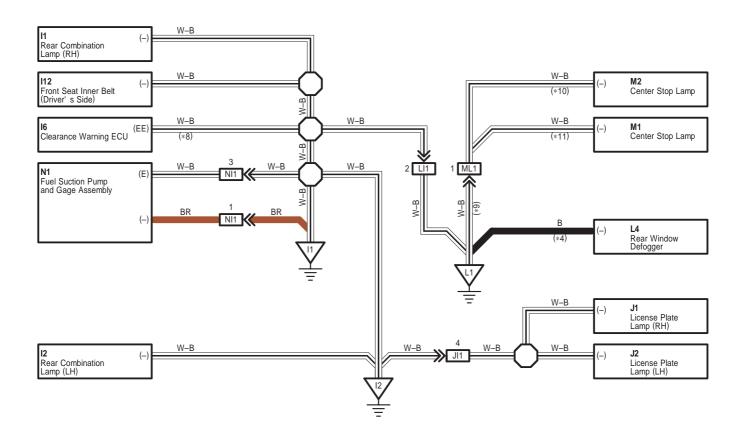
: Ground Points

Code	See Page	Ground Points Location
D2	31	Left Kick Panel

I GROUND POINT







- * 4 : w/ Rear Window Defogger * 8 : w/ Parking Assist (TOYOTA Parking Assist–Sensor)
- * 9 : w/ High Mounted Stop Lamp
- *10 : w/ Rear Spoiler *11 : w/o Rear Spoiler

: Parts Location

Code	See Page	Code	See Page	Code	See Page
B26	26	D61	27		
D60	27	D62	27		

) : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)	
2	23	Instrument Panel R/B (Right Kick Panel)	

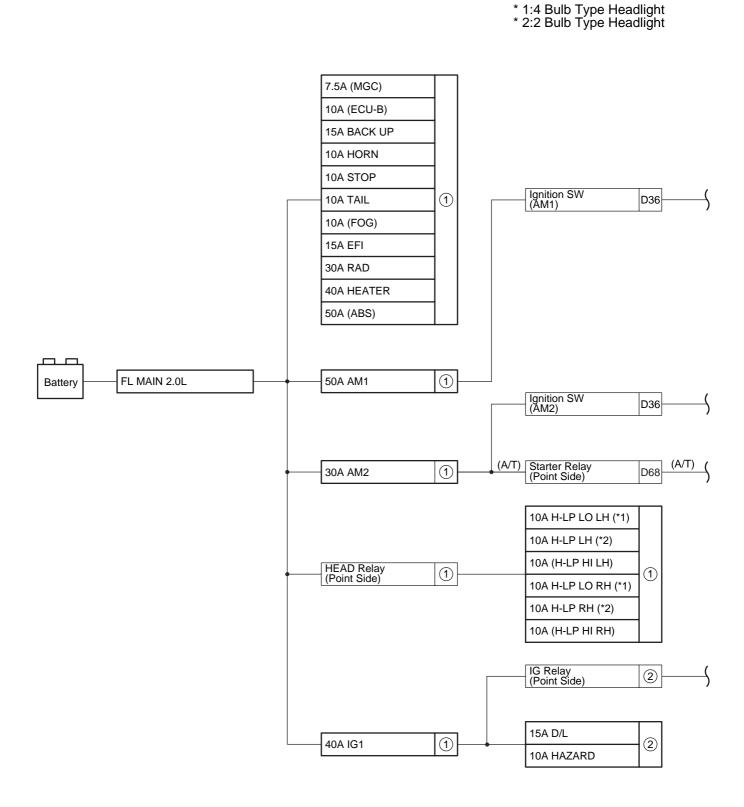
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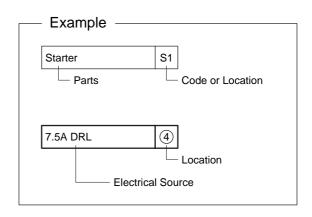
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)		
BD1	31	Engine Wire and Instrument Panel Wire (Left Side of the Instrument Panel)		
DD1	31	Instrument Panel Wire and Instrument Panel Wire (Instrument Panel Center)		
ED1	31	Frank Daar Di I Wire and Instrument Danel Wire (Diskt Wint, Danel)		
ED2	31	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)		
FD1	31	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)		
JI1	32	Floor No.2 Wire and Floor Wire (Under the Left Rear Quarter Panel)		
KD1	31	Roof Wire and Instrument Panel Wire (Left Side of the Instrument Panel)		
LI1	32	Back Door No.1 Wire and Floor Wire (Under the Right Rear Quarter Panel)		
ML1	32	Back Door No.2 Wire and Back Door No.1 Wire (Left Side of the Back Door)		
NI1	32	Fuel Pump Wire and Floor Wire (Near the Rear Differential)		

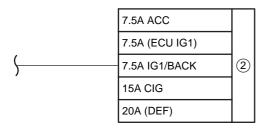
: Ground Points

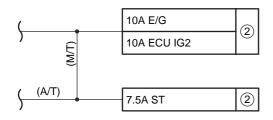
Code	See Page	Ground Points Location		
A1	31	Cowl Side Panel RH		
A2	30	Near the Engine Room R/B		
B1	30	Rear Side of Engine Block		
B2] 30	Real Side of Engine block		
D1	31	Instrument Panel Brace LH		
D2	31	Left Kick Panel		
D3		Leit Nick Fallel		
D4	30	Left Fender Apron		
I1	32	Under the Right Rear Quarter Panel		
12	32	Under the Left Rear Quarter Panel		
L1	32	Back Door Center		

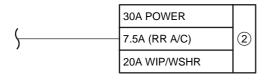
The chart below shows the route by which current flows from the battery to each electrical source (Fusible Link, Circuit Breaker, Fuse, etc.) and other Parts.











[LOCATION]

- ① : Engine Room R/B and Engine Room J/B (See Page 22)
- 2 : Instrument Panel R/B (See Page 23)

J POWER SOURCE (Current Flow Chart)

Engine Room R/B and Engine Room J/B (See Page 22)

	Fuse	System	Page
7.5A	(MGC)	Air Conditioner	142
10A	(ECU-B)	ECT and A/T Indicator	102
10A	(FOG)	Front Fog Light	66
10A	(H-LP HI LH)	Headlight (4 Bulb Type)	60
10A	(H-LP HI RH)	Headlight (4 Bulb Type)	60
10A	H-LP LH	Headlight (2 Bulb Type)	64
10A	H-LP LO LH	Headlight (4 Bulb Type)	60
10A	H-LP LO RH	Headlight (4 Bulb Type)	60
10A	H-LP RH	Headlight (2 Bulb Type)	64
10A	HORN	Horn	118
		ABS	108
		Engine Control	44
10A	STOP	Interior Light	72
		Stop Light	80
		Wireless Door Lock Control	98
		Engine Control	44
10A	TAIL	Front Fog Light	66
10/1		Key Reminder and Light Reminder	122
		Taillight and Illumination	76
		ABS	108
		Audio System	132
		Clock	116
		Combination Meter	134
		DLC3	54
15A	BACK UP	ECT and A/T Indicator	102
		Engine Control	44
		Engine Immobiliser System	58
		Interior Light	72
		Key Reminder and Light Reminder	122
		Seat Belt Warning	126
15A	EFI	Engine Control	44
30A	AM2	Engine Control	44
		Starting	38
30A	RAD	Cooling Fan	140
40A	HEATER	Air Conditioner	142
50A	(ABS)	ABS	108

^{*} These are the page numbers of the first page on which the related system is shown.

Instrument Panel R/B (See Page 23)

	Fuse	System	Page
		Audio System	132
7.5A	ACC	Clock	116
		Remote Control Mirror	120
		ABS	108
7.5A	(ECU IG1)	Combination Meter	134
		SRS	111
		Air Conditioner	142
		Back-Up Light	82
		Door Lock Control	94
7.5A	IG1/BACK	ECT and A/T Indicator	102
		Parking Assist (TOYOTA Parking Assist–Sensor)	130
		Turn Signal and Hazard Warning Light	68
		Wireless Door Lock Control	98
7.5A	(RR A/C)	Air Conditioner	142
7.5A	СТ	Engine Control	44
7.5A	ST	Starting	38
		ABS	108
		Charging	42
		Combination Meter	134
		ECT and A/T Indicator	102
404	ECU IG2	Engine Control	44
10A		Engine Immobiliser System	58
		Key Reminder and Light Reminder	122
		Parking Assist (TOYOTA Parking Assist–Sensor)	130
		Seat Belt Warning	126
		SRS	111
		Cooling Fan	140
10A	E/G	Engine Control	44
		Ignition	40
		Door Lock Control	94
		Engine Immobiliser System	58
10A	HAZARD	Key Reminder and Light Reminder	122
		Turn Signal and Hazard Warning Light	68
		Wireless Door Lock Control	98
15A	CIG	Cigarette Lighter	114
45.0	D.//	Door Lock Control	94
15A	D/L	Wireless Door Lock Control	98
20.4	(DEE)	Engine Control	44
20A	(DEF)	Rear Window Defogger	128

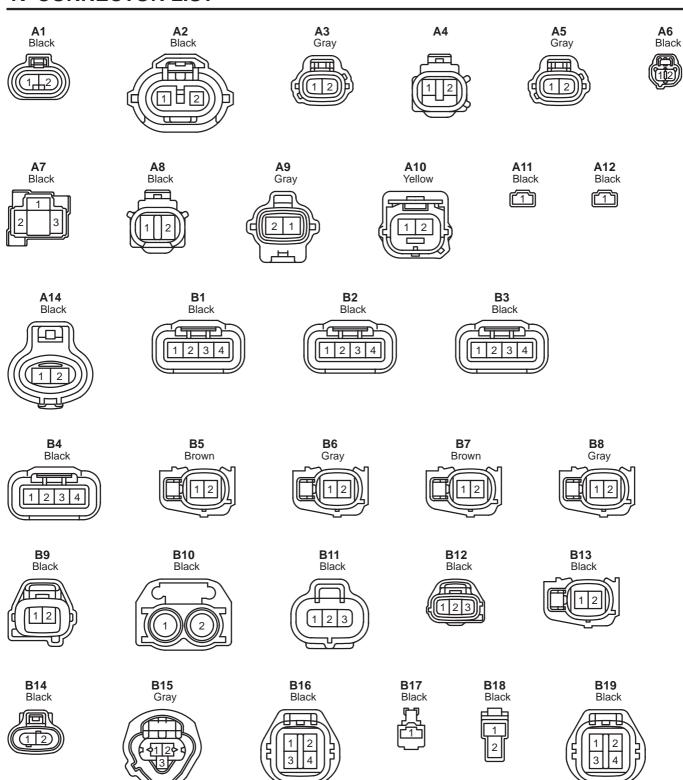
^{*} These are the page numbers of the first page on which the related system is shown.

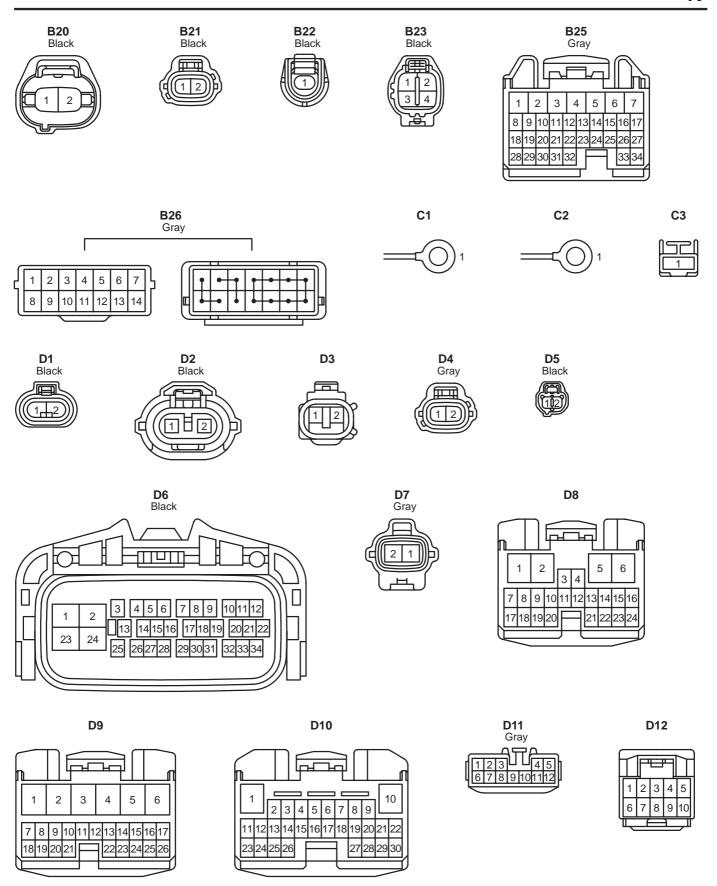
J POWER SOURCE (Current Flow Chart)

Fuse		System		
		Front Wiper and Washer (w/ Intermittent Wiper)	84	
20A	WIP/WSHR	Front Wiper and Washer (w/o Intermittent Wiper)	86	
		Rear Wiper and Washer	88	
30A	POWER	Power Window	90	

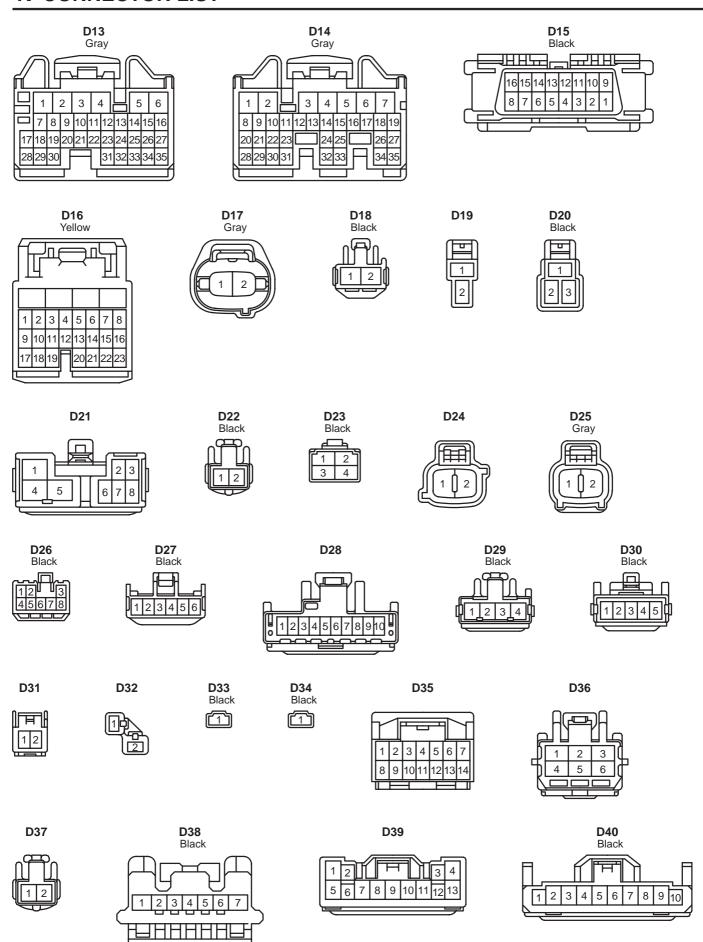
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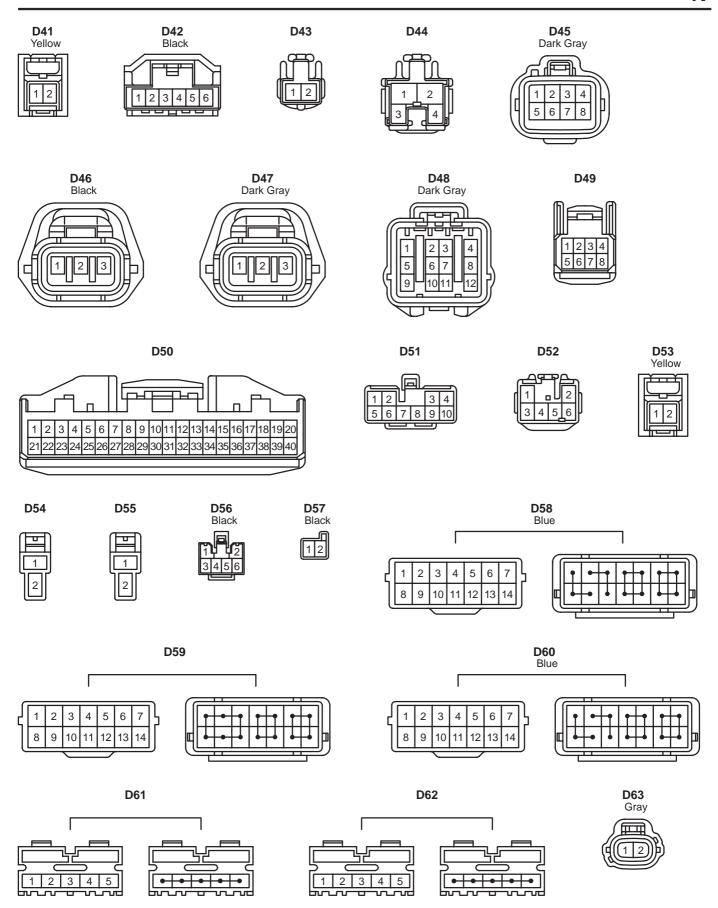
K CONNECTOR LIST



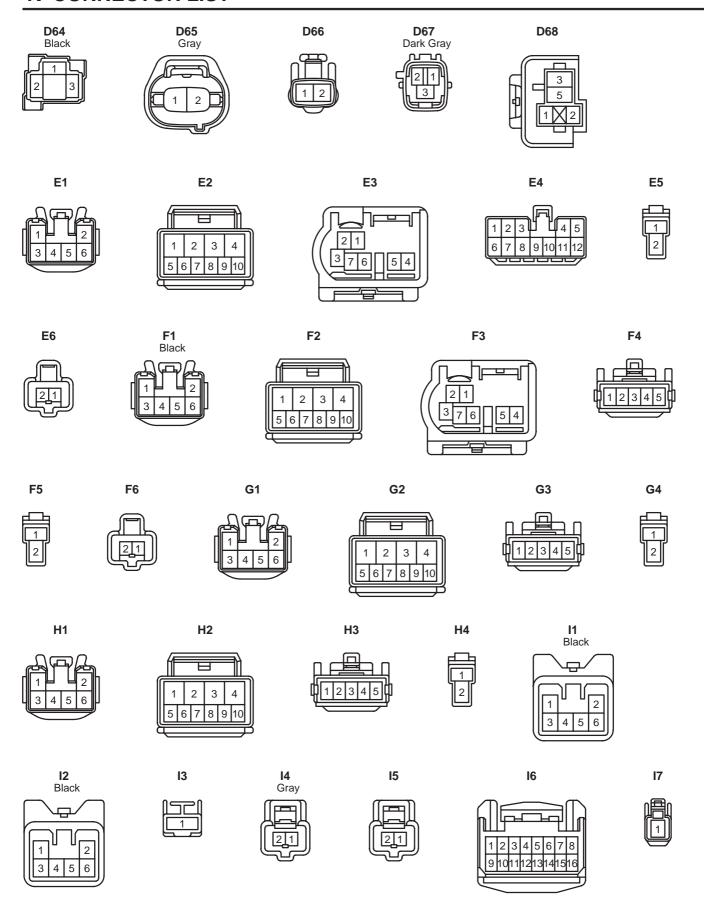


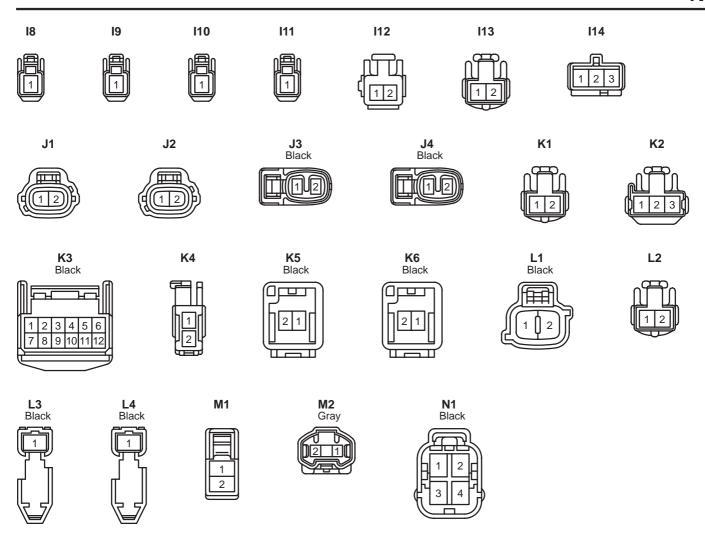
K CONNECTOR LIST

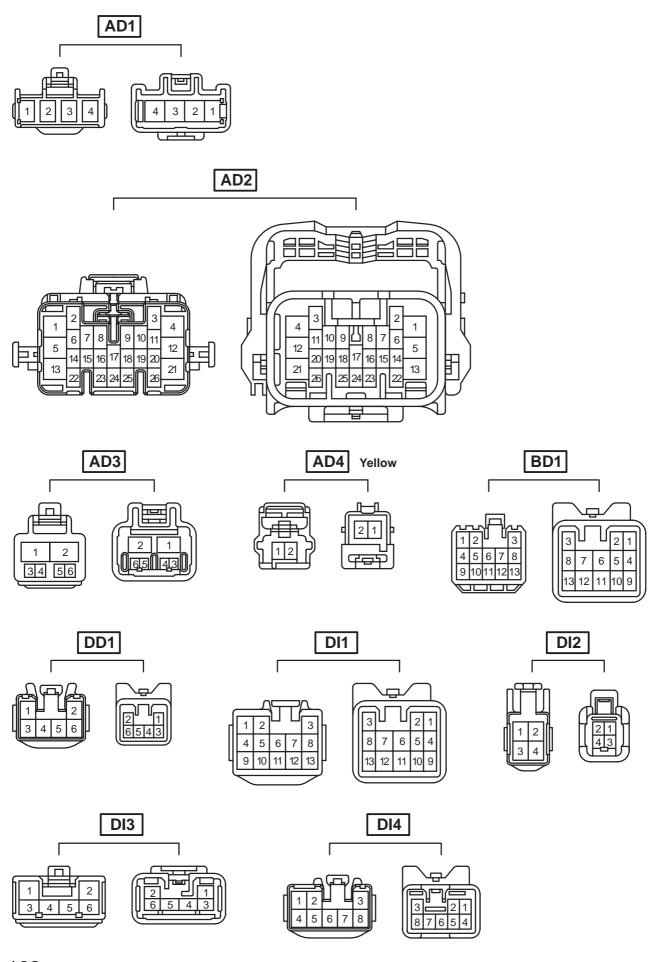




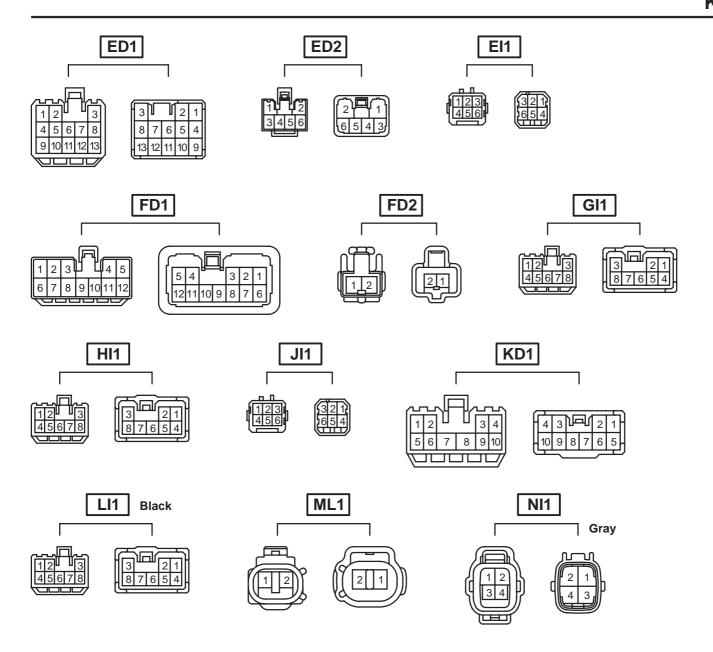
K CONNECTOR LIST







162

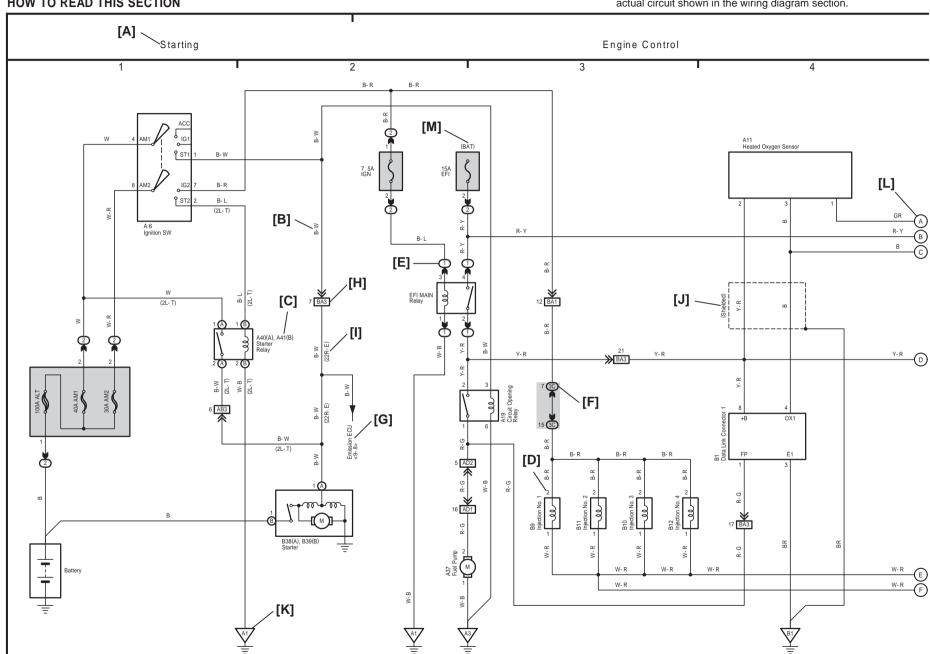


L PART NUMBER OF CONNECTORS

Code	Part Name	Part Number	Code	Part Name	Part Number
A1	Headlamp Assembly (RH)	90980–11095	D5	Clearance Lamp (Front LH)	90980-10572
A2	Fog Lamp (Front RH)		D6	Skid Control ECU with Actuator	90980–12020
A3	Turn Signal Lamp (Front Side RH)	90980–11162	D7	Speed Sensor (Front LH)	90980–11074
A4	Headlamp Assembly (RH)	90980–11003	D8	Transmission Control ECU	90980–12560
A5	Turn Signal Lamp (Front RH)	90980–11162	D9	Transmission Control ECU	90980–12561
A6	Clearance Lamp (Front RH)	90980-10572	D10	Transmission Control ECU	90980–12562
A7	Headlamp (RH)	90980–11314	D11	Door Control Receiver	90980–10803
A8	Brake Fluid Level Warning SW	90980–11207	D12	Door Control Receiver	90980–11923
A9	Speed Sensor (Front RH)	90980–11074	D13	Engine ECU	90980–12455
A10	Airbag Sensor (Front)	90980–11856	D14	Engine ECU	90980–12454
A11	Horn (Low)		D15	DLC3	
A12	Horn (Low)	_	D16	Airbag Sensor Assembly Center] -
A14	Radiator Fan Motor	90980-10928	D17	A/C Pressure SW	90980-11149
B1	Ignition Coil (No.1)		D18	Blower Motor	90980–12488
B2	Ignition Coil (No.2)	90980–11885	D19	A/C Thermistor No.1	_
B3	Ignition Coil (No.3)	30300 11003	D20	Blower Resistor	
B4	Ignition Coil (No.4)		D21	Blower SW	90980–10877
B5	Fuel Injector (No.1)		D22	A/C Volume SW	90980–12472
B6	Fuel Injector (No.2)	90980–11875	D23	Windshield Wiper Motor	90980–10171
B7	Fuel Injector (No.3)	11010	D24	Windshield Washer Motor	90980–11019
B8	Fuel Injector (No.4)		D25	Rear Washer Motor	90980–11051
B9	Camshaft Position Sensor	90980–10947	D26	Turn Signal Flasher	90980–10321
B10	Crankshaft Position Sensor	90980–12028	D27	Hazard Warning Signal SW	90980–10957
B11	Vacuum Sensor	90980–10845	D28	Outer Mirror SW	90980–11657
B12	Throttle Body Assembly	90980–11261	D29	Clock	90980–11013
B13	Knock Control Sensor	90980–11875	D30	Rear Window Defogger SW	90980–10789
B14	Intake Air Temp. Sensor	90980–11163	D31	Security Indicator Lamp	90980–12063
B15	Water Temp. Sender Gage	90980–11451	D32	Cigarette Lighter	90980–10760
	Water Temp. Sensor		D33	Horn (High)	_
B16	Alternator	90980–11964	D34	Horn (High)	
B17	Engine Oil Pressure SW	90980–10703	D35	Transponder Key ECU	90980–11911
B18	A/C Compressor	90980–10214	D36	Ignition SW	90980–11778
B19	Throttle Body ISC Valve	90980–11964	D37	Unlock Warning SW	90980–12472
B20	VSV (Purge)	90980–11156	D38	Transponder Key Amplifier	90980–12092
B21	Camshaft Timing Oil Control Valve	90980–11162	D39	Combination SW	90980–12007
B22	Power Steering Oil Pressure SW	90980–11428	D40	Combination SW	90980–12008
B23	Oxygen Sensor (Bank 1 Sensor 1)	90980–11028	D41	Spiral Cable	90980–11886
B25	Engine ECU	90980–12456	D42	Spiral Cable	90980–11986
B26	Junction Connector		D43	Horn SW	90980–12472
C1	Starter	-	D44	Stop Lamp SW	90980–11118
C2	Alternator	00000 155-5	D45	Park/Neutral Position SW	90980–10891
C3	Starter	90980-10359	D46	Transmission Revolution Sensor (Turbine)	
D1	Headlamp Assembly (LH)	90980–11095	D47	Transmission Revolution Sensor (Output)	_
D2	Fog Lamp (Front LH)	-	D48	ECT Solenoid	
D3	Headlamp Assembly (LH)	90980–11003	D49	Transmission Control SW	90980–12551
D4	Turn Signal Lamp (Front LH)	90980–11162			

Note: Not all of the above part numbers of the connector are established for the supply.

Code	Part Name	Part Number	Code	Part Name	Part Number
D50	Combination Meter	90980–12557	H1	Power Window Regulator Motor (Rear LH)	90980-12349
D51	Radio Receiver Assembly	90980–10669	H2	Door Lock Assembly (Rear LH)	90980-12226
D52	Radio Receiver Assembly	90980–10996	H3	Power Window SW (Rear LH)	90980–10789
DEO	Airbag Squib (Front Passenger's Airbag	00000 44000	H4	Speaker (Rear Door LH)	90980–10214
D53	Assembly)	90980–11886	l1	Rear Combination Lamp (RH)	
D54	Resistor	_	12	Rear Combination Lamp (LH)	90980–10796
D55	Ashtray Illumination	_	13	Parking Brake SW	90980–10359
D56	Door Control Relay	90980–10414	14	Speed Sensor (Rear RH)	
D57	Diode (A/C)	90980–10482	15	Speed Sensor (Rear LH)	90980–10859
D58	Junction Connector	-	16	Clearance Warning ECU	90980-12553
D59	Junction Connector		17	Door Courtesy SW (Driver's Side)	
D60	Junction Connector		18	Door Courtesy SW (Front Passenger's Side)	1
D61	Junction Connector				90980–12470
D62	Junction Connector		19	Door Courtesy SW (Rear RH)	
D63	Turn Signal Lamp (Front Side LH)	90980–11162	l10	Door Courtesy SW (Rear LH)	
D64	Headlamp (LH)	90980–11314	l11	Door Courtesy SW (Back Door)	
D65	A/C Pressure SW	90980–11149	l12	Front Seat Inner Belt (Driver's Side)	90980-10825
D66	Back–Up Lamp SW	90980–11075	l13	Luggage Compartment Lamp	90980-12472
D67	Speed Sensor	90980–11131	l14	Diode (Courtesy)	90980-11071
D68	Starter Relay	82660–20340	J1	License Plate Lamp (RH)	90980–11162
E1	Power Window Regulator Motor (Front RH)	90980–12349	J2	License Plate Lamp (LH)	
E2	Door Lock Assembly (Driver's Side)	90980–12226	J3	Ultrasonic Sensor No.1 (Rear RH)	00000 44040
E3	Outer Rear View Mirror (RH)	90980–12059	J4	Ultrasonic Sensor No.1 (Rear LH)	90980–11246
E4	Power Window Master SW	90980-10432	K1	Rear Cooling Unit	90980-12472
E5	Speaker (Front Door RH)	90980–10214	K2	Room Lamp (Center)	90980-12473
E6	Tweeter (Front RH)	90980–11060	K3	Map Lamp	90980-12559
F1	Power Window Regulator Motor (Front LH)	90980–12349	K4	Room Lamp	90980-10935
F2	Door Lock Assembly (Front Passenger's Side)	90980–12226	K5	Vanity Lamp (RH)	90980–11917
			K6	Vanity Lamp (LH)	
F3	Outer Rear View Mirror (LH)	90980–12059	L1	Back Door Lock Assembly	90980-11019
F4	Power Window SW (Front Passenger's Side)	90980–10789	L2	Rear Wiper Motor	90980-12472
F5	Speaker (Front Door LH)	90980–10214	L3	Rear Window Defogger	90980–11853
F6	Tweeter (Front LH)	90980–11060	L4	Rear Window Defogger] 50900-11055
G1	Power Window Regulator Motor (Rear RH)	90980–12349	M1	Center Stop Lamp	-
G2	Door Lock Assembly (Rear RH)	90980–12226	M2	Center Stop Lamp	90980–11159
G3	Power Window SW (Rear RH)	90980–10789	N1	Fuel Suction Pump and Gage Assembly	_
G4	Speaker (Rear Door RH)	90980–10214			



- [A] : System Title
- [B] : Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

B = Black W = White BR = Brown

L = Blue V = Violet SB = Sky Blue

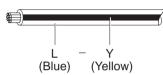
R = Red G = Green LG = Light Green

P = Pink Y = Yellow GR = Gray

O = Orange

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

Example: L - Y



- [C] : The position of the parts is the same as shown in the wiring diagram and wire routing.
- [D] : Indicates the pin number of the connector.

 The numbering system is different for female and male connectors.

Example: Numbered in other from upper left to lower right

Numbered in other from upper right to lower left



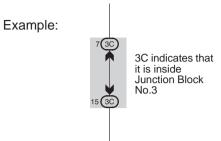


The numbering system for the overall wiring diagram is the same as above

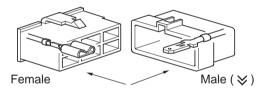
[E] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example: 1 Indicates Relay Block No.1

[F] : 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.



- [G] : Indicates related system.
- [H] : Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (⋈). Outside numerals are pin numbers.

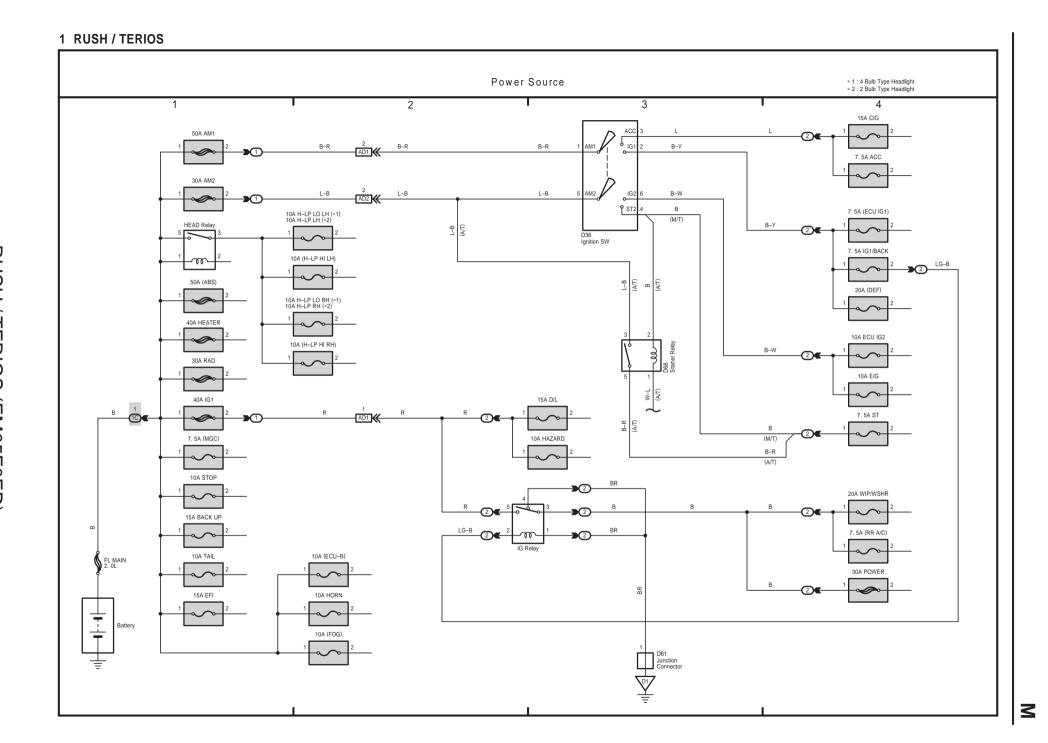


- [I] : () is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.
- [J] : Indicates a shielded cable.



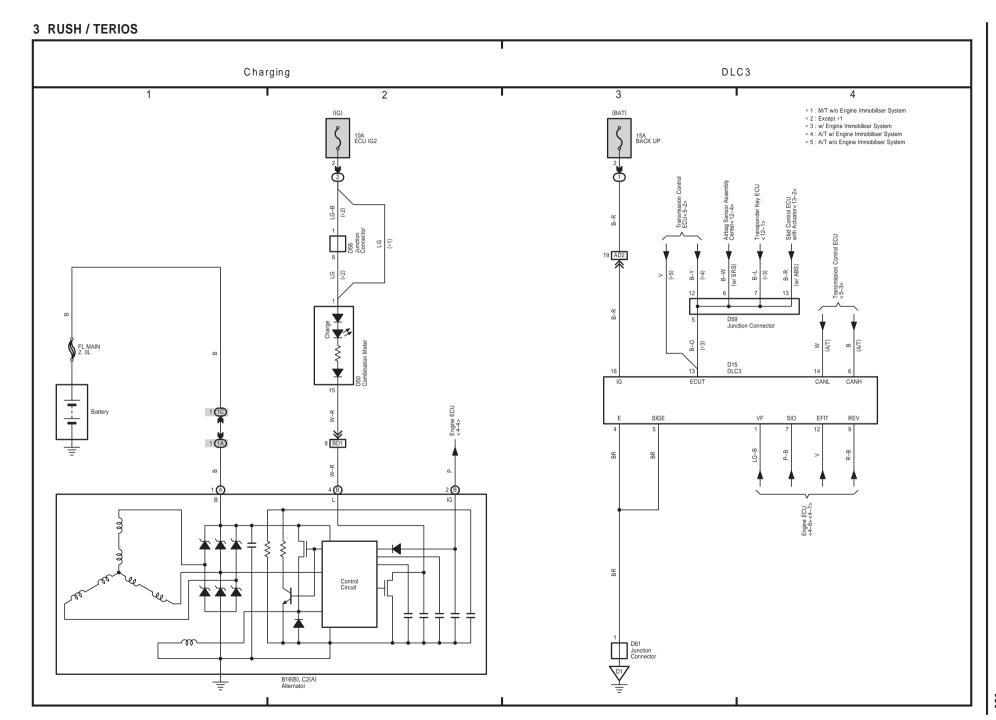
- [K] : Indicates a ground point.
- [L] : The same code occurring on the next page indicates that the wire harness is continuous.
- [M] : Indicates the ignition key position(s) when the power is supplied to the fuse(s).

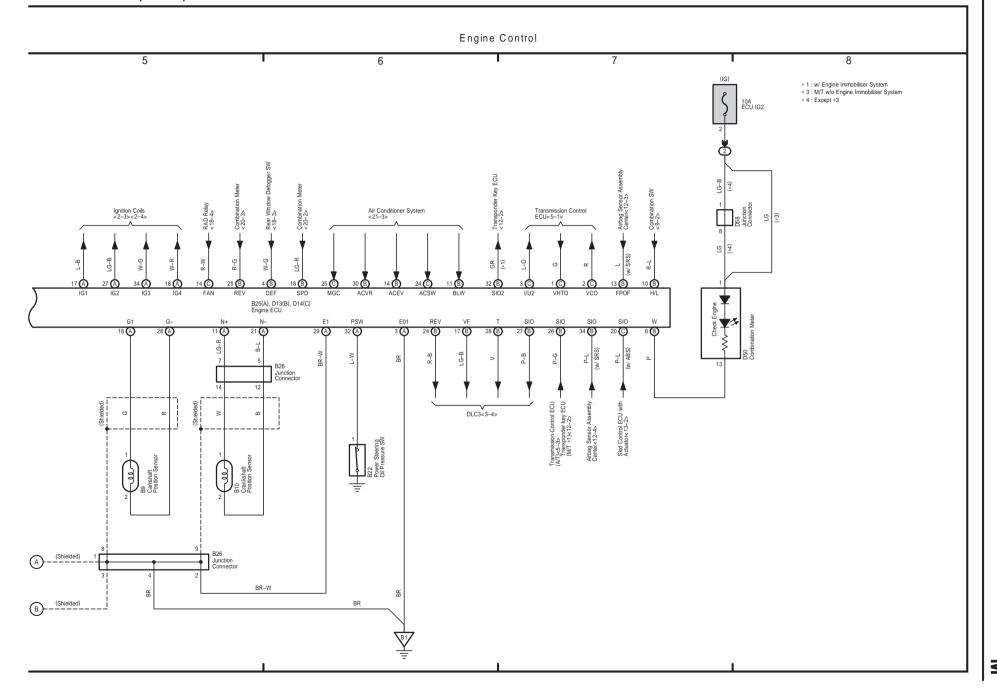
SYSTEMS	LOCATION	SYSTEMS LOCATION
ABS	13–1	Horn
Air Conditioner	21–1	Ignition
Audio System	19–2	Illumination
Back-Up Light	11–1	Interior Light
Charging	3–1	Key Reminder
Cigarette Lighter	18–3	Light Reminder
Clock	18–2	Parking Assist (TOYOTA Parking Assist–Sensor)
Combination Meter	20–1	Power Source
Cooling Fan	18–4	Power Window
DLC3	3–3	Rear Window Defogger
Door Lock Control	14–1	Rear Wiper and Washer
ECT and A/T Indicator	5–1	Remote Control Mirror
Engine Control	4–1	Seat Belt Warning
Engine Immobiliser System	12–1	SRS
Front Fog Light	6–4	Starting
Front Wiper and Washer (w/ Intermittent Wiper) 17–1		Stop Light
Front Wiper and Washer (w/o Intermittent Wiper) .	16–3	Taillight 9–1
Headlight (2 Bulb Type)	7–1	Turn Signal and Hazard Warning Light 8–1
Headlight (4 Bulb Type)	6–1	Wireless Door Lock Control

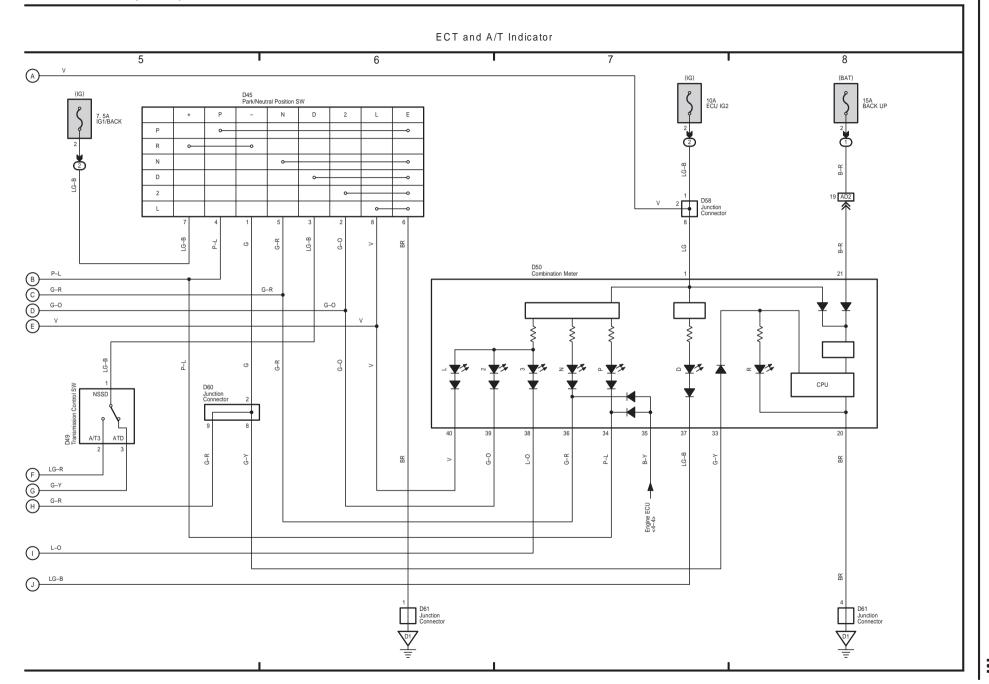


2 RUSH / TERIOS Starting Ignition 3 2 L-B (A/T) (A/T) B B (A/T) D36 Ignition SW 2 AD2 Ist Ignition Coil (No. 1) Ignition Coil (No. 2) B3 Ignition Coil (No. 3) ECUE W-B C1(A), C3(B) Starter Engine ECU

3

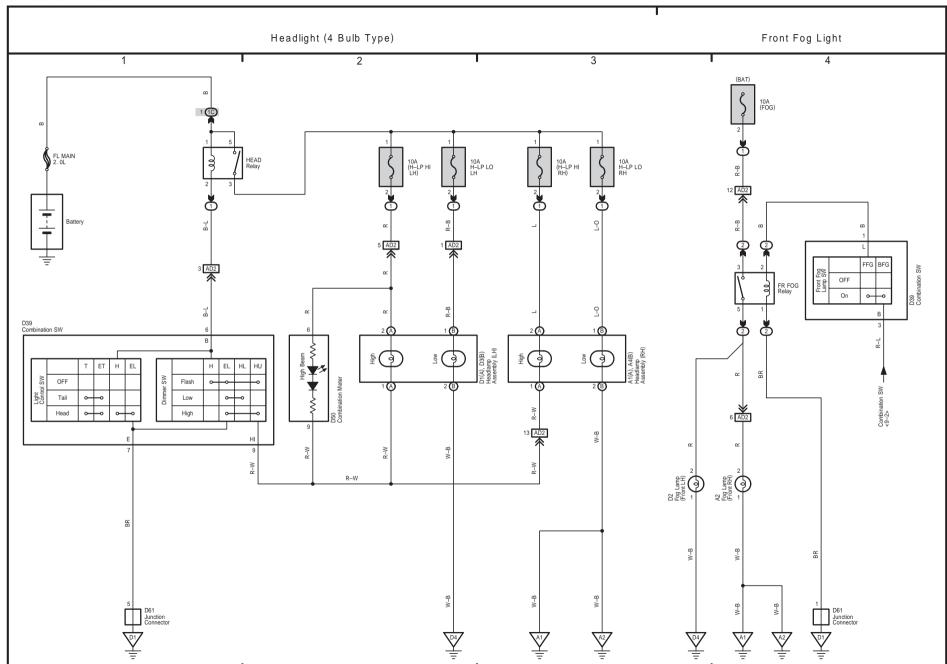




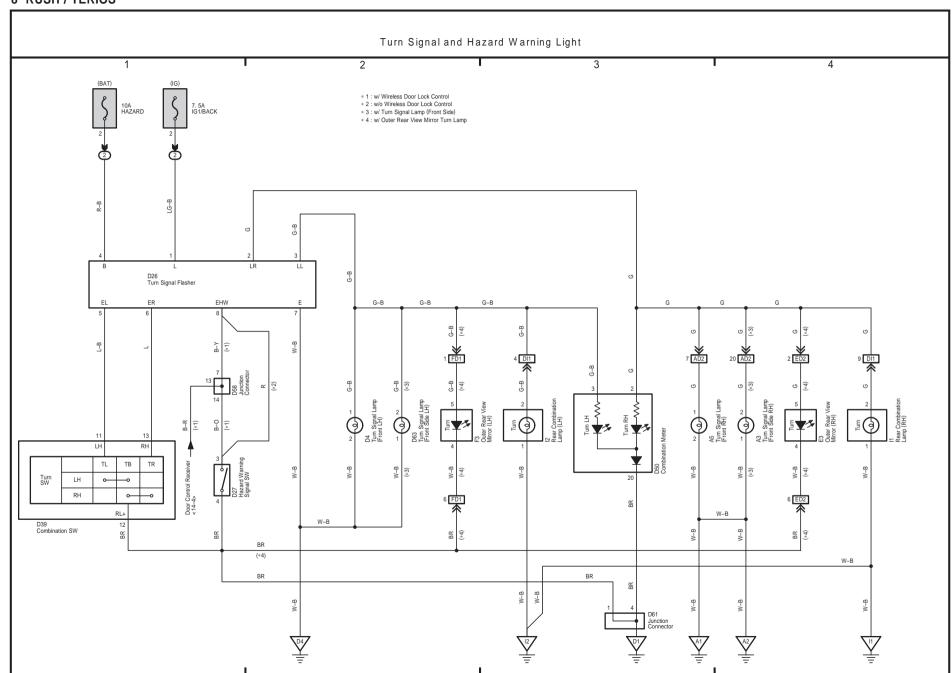


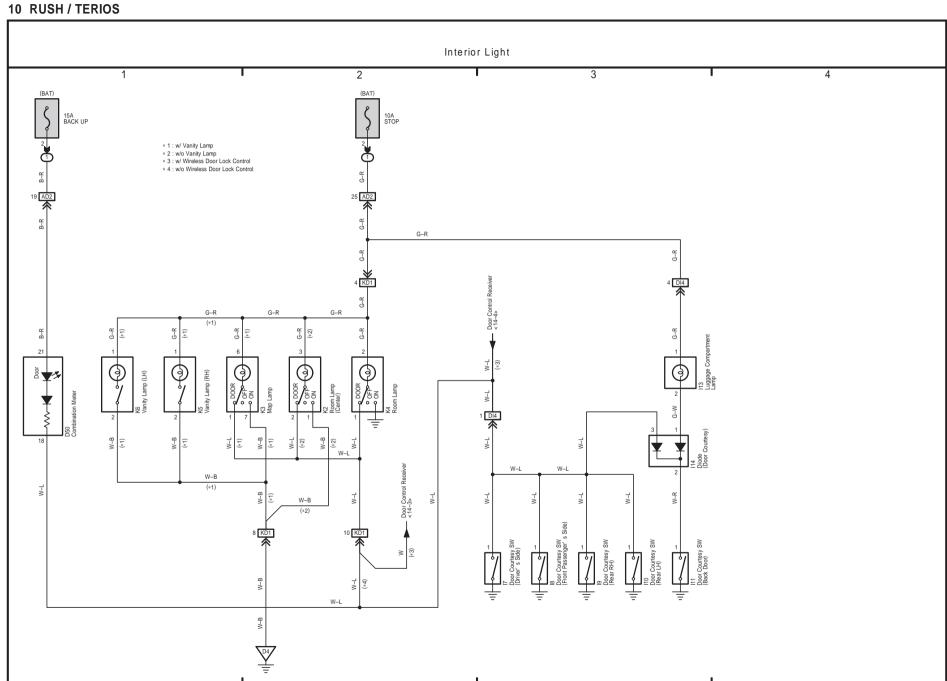
RUSH / TERIOS (EM05F0ED)

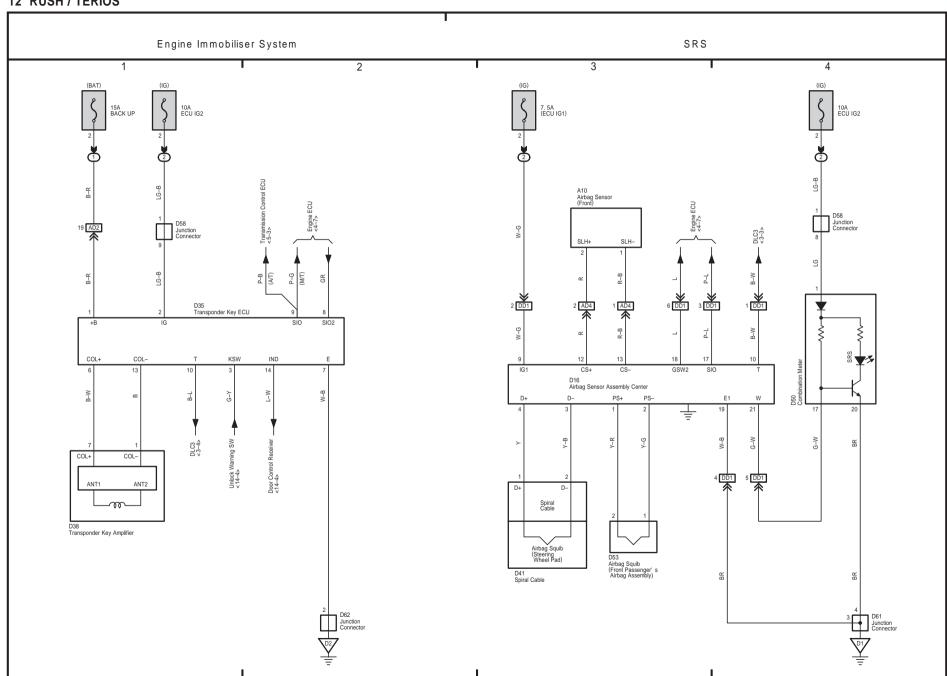
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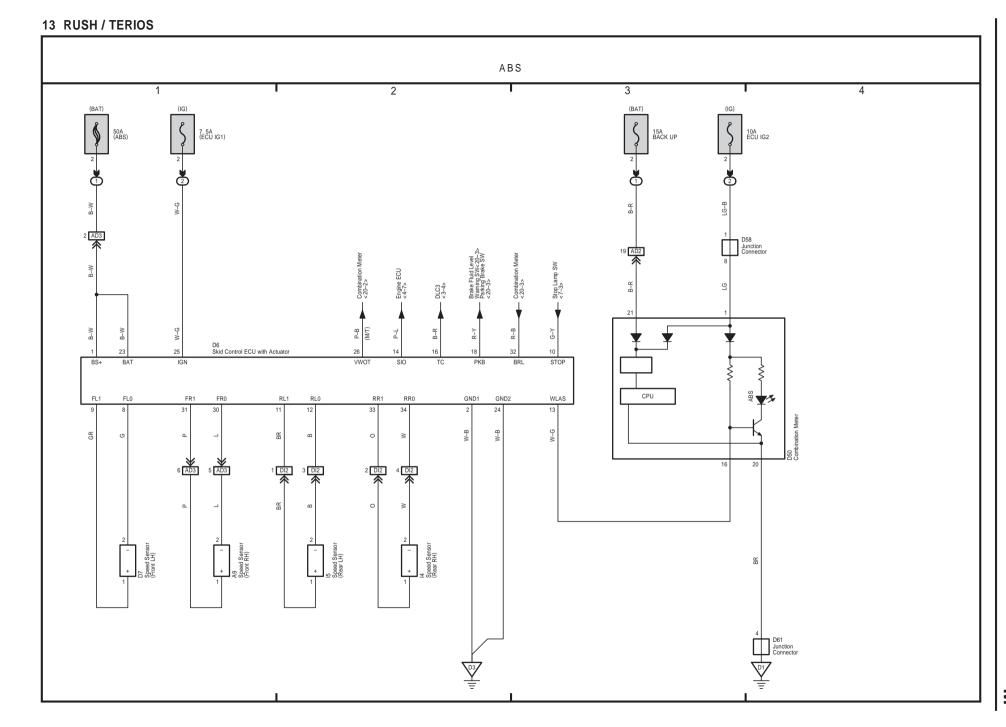
7 RUSH / TERIOS







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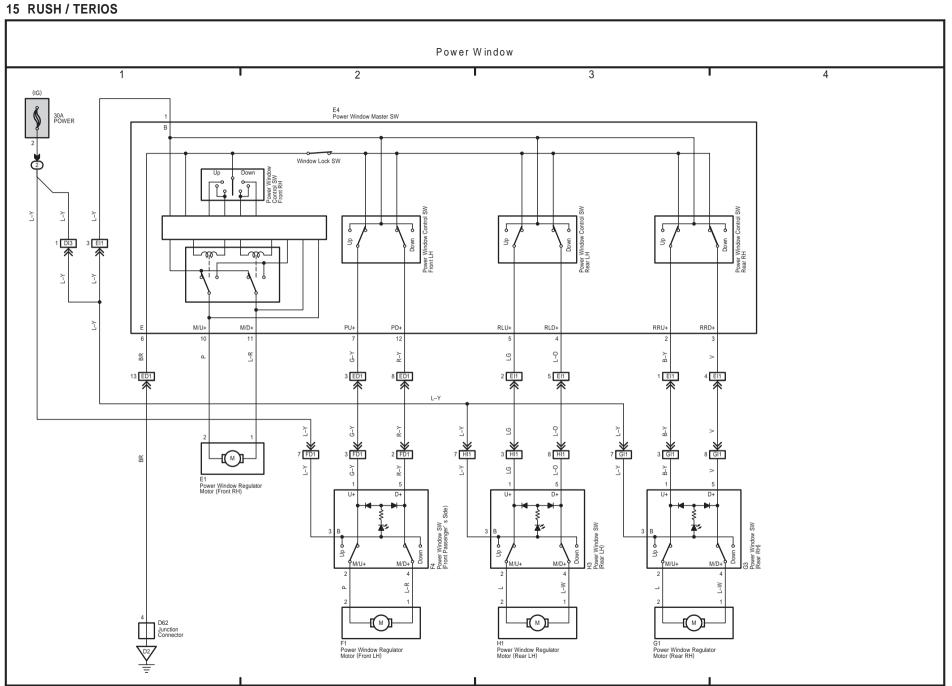


14 RUSH / TERIOS Door Lock Control Wireless Door Lock Control 2 * 1 : w/ Wireless Door Lock Control * 2 : w/o Wireless Door Lock Control 7. 5A IG1/BACK 10A HAZARD * 3 : w/ Engine Immobiliser System D56 Door Control Relay ULSW Junction Connector D11(A), D12(B) Door Control Receiver ° (3 LOK+ U/L-UKS IND KEY 6 **(**B) 4 (A) 10 **(B)** 5 DI1 L-W *3 BR W-B Door Lock Assembly (Driver's Side) Door Lock Assembly (Front Passenger's Side) Door Lock Assembly (Rear LH) Door Lock Assembly (Rear RH) Back Door Lock Assembly

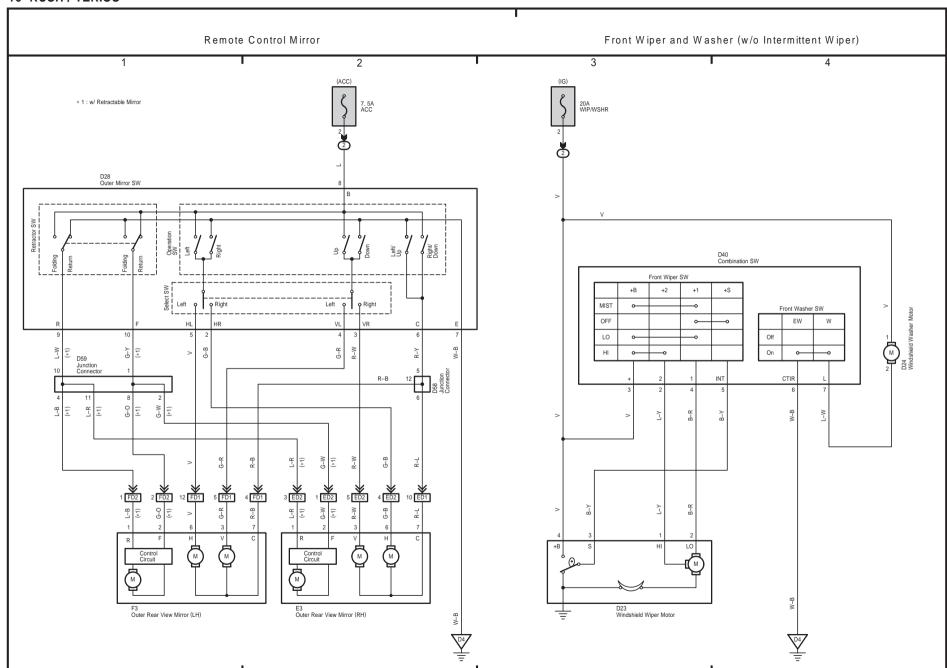
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OVERALL

ELECTRICAL WIRING DIAGRAM



RUSH / TERIOS (EM05F0ED)

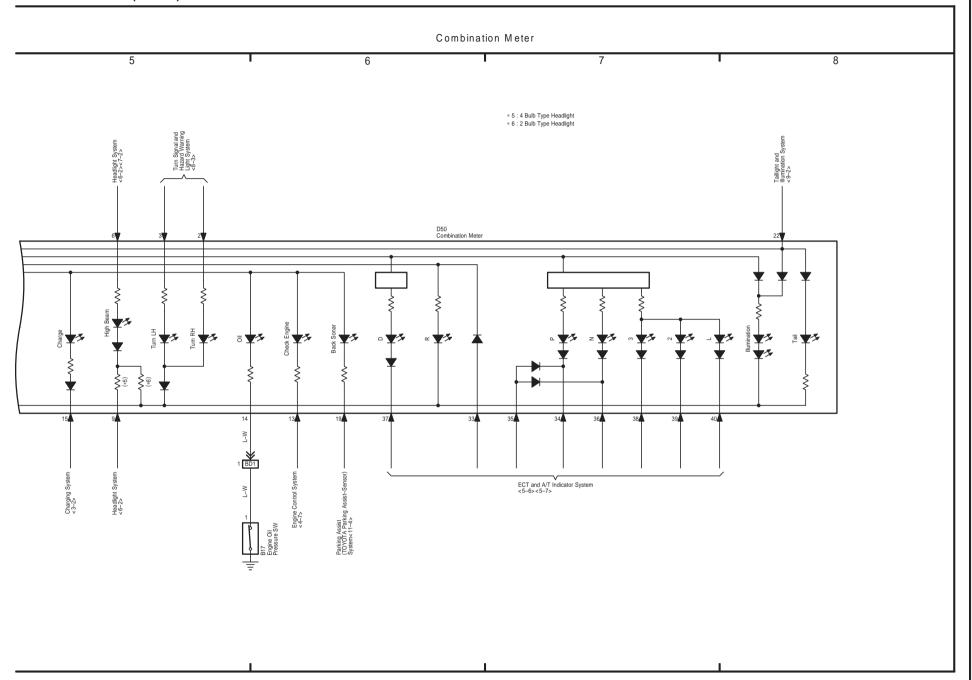


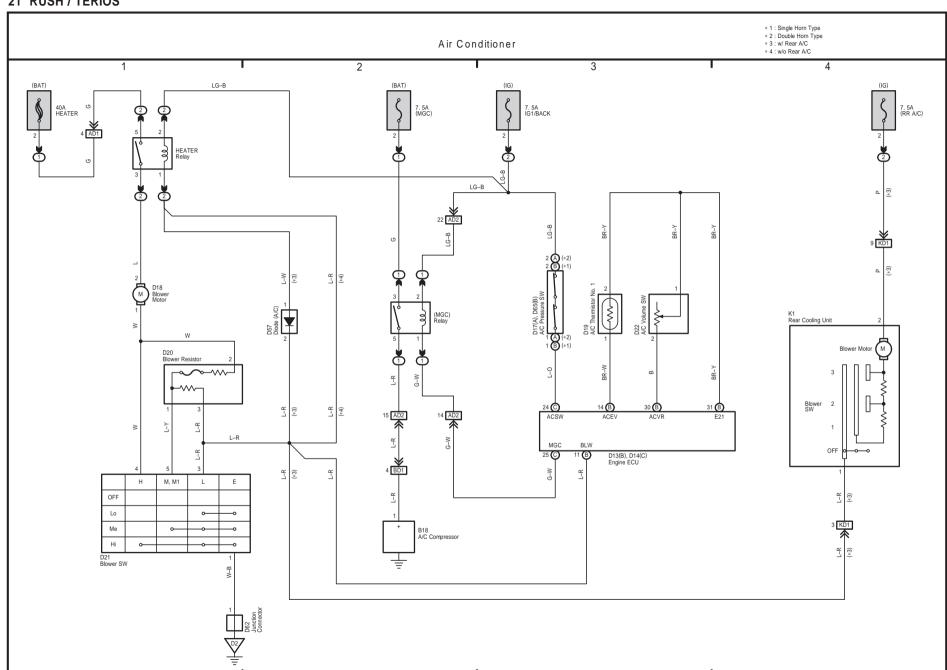
18 RUSH / TERIOS Horn Clock Cigarette Lighter Rear Window Defogger Cooling Fan 2 10A HORN * 1 : Double Horn Type D30 Rear Window Defogger SW **\diamond** D32 Cigarette Lighter B/UP D29 Clock ILM L3(A), L4(B) Rear Window Defogger

3

OVERALL ELECTRICAL WIRING DIAGRAM

20 RUSH / TERIOS Combination Meter 2 3 * 1 : M/T w/o Engine Immobiliser System * 2 : Except *1 * 3 : w/ ABS * 4 : w/o ABS 15A BACK UP 10A ECU IG2 LG-B (*2) D50 Combination Meter Speedometer Tachometer LCD Temp. GND T/M+ (M/T *4) R-Y P-B (A/T) Skid Control ECU with Actuator< 13-3> 6 DI4 Engine ECU . Skid Control ECU with Actuator<13-2> BR (M/T *4) <u>□</u>





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OVERALL

ELECTRICAL WIRING DIAGRAM