

CHERY A13T

Electrical

Wiring Diagram

2016

FOREWORD

This wiring diagram manual has been prepared to provide information on the electrical system of CHERY A13T. It is very important to read and be familiar with this manual thoroughly for proper repair and maintenance. This manual should be kept in a handy place for quick and easy reference.

The information in this manual is about wire harnesses. Information about component and assembly parts is only for reference, but in some cases this reference information might not be included or might differ from the actual vehicle.

This manual only applies to models listed below:

A13T 1.5 L MT

A13T 1.5 L AT

When inspecting or repairing a vehicle, refer to the relevant service manual for additional service specifications and repair procedures for the models:

CHERY A13T Service Manual

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

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.

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INTRODUCTION

This manual consists of the following 13 sections:

Section No.	Section Name	Description
01	INTRODUCTION	Brief explanation of each section.
02	HOW TO USE THIS MANUAL	Instructions on how to use this manual.
03	TROUBLESHOOTING	Describes basic inspection procedures for electrical circuits.
04	ABBREVIATIONS	Defines abbreviations used in this manual.
05	GLOSSARY OF TERMS AND SYMBOLS	Defines symbols and functions of major parts.
06	FUSE AND RELAY	Shows position of fuses and relays. This section is closely related to system circuit.
07	LOCATION AND TERMINAL DEFINITION OF CONTROL MODULES	Shows position of control module and terminal definition of each control module. This section is closely related to system circuit.
08	ELECTRICAL WIRING ROUTING	Describes positions of parts connectors, splice points, ground points, etc. This section is closely related to system circuit.
09	SYSTEM CIRCUITS	Electrical circuits of each system are shown from power supply through ground points. Wiring connections and connectors are shown and classified by code. (Refer to "HOW TO USE THIS MANUAL").
10	POWER SOURCE	Describes power distribution from power source to various electrical loads.
11	GROUND POINT	Shows ground information of all parts described in this manual.
12	CONNECTOR LIST	Describes the form, terminal arrangement and color of connectors for parts appeared in this manual. This section is closely related to system circuit.
13	OVERALL ELECTRICAL WIRING DIAGRAM	Provides circuit diagrams showing circuit connections.

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HOW TO USE THIS MANUAL

General Information

This manual provides information on 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 battery as far as each ground point. (All circuit diagrams are shown with switches in normal conditions (normally open or normally closed).)

When troubleshooting any problem, first understand the operation of circuit where the problem was detected (refer to "SYSTEM CIRCUITS"), the power source supplying power to that circuit (refer to "POWER SOURCE"), and the ground points (refer to "GROUND POINT").

When circuit operation is understood, begin troubleshooting of the problem circuit to isolate the cause. Use "FUSE AND RELAY" and "ELECTRICAL WIRING ROUTING" sections to find each part, wire harness, connectors and ground points of each system circuit.

Wiring related to each system is indicated in each system circuit by arrows. When overall connections are required, see the "OVERALL ELECTRICAL WIRING DIAGRAM" at the end of this manual.

CAUTION

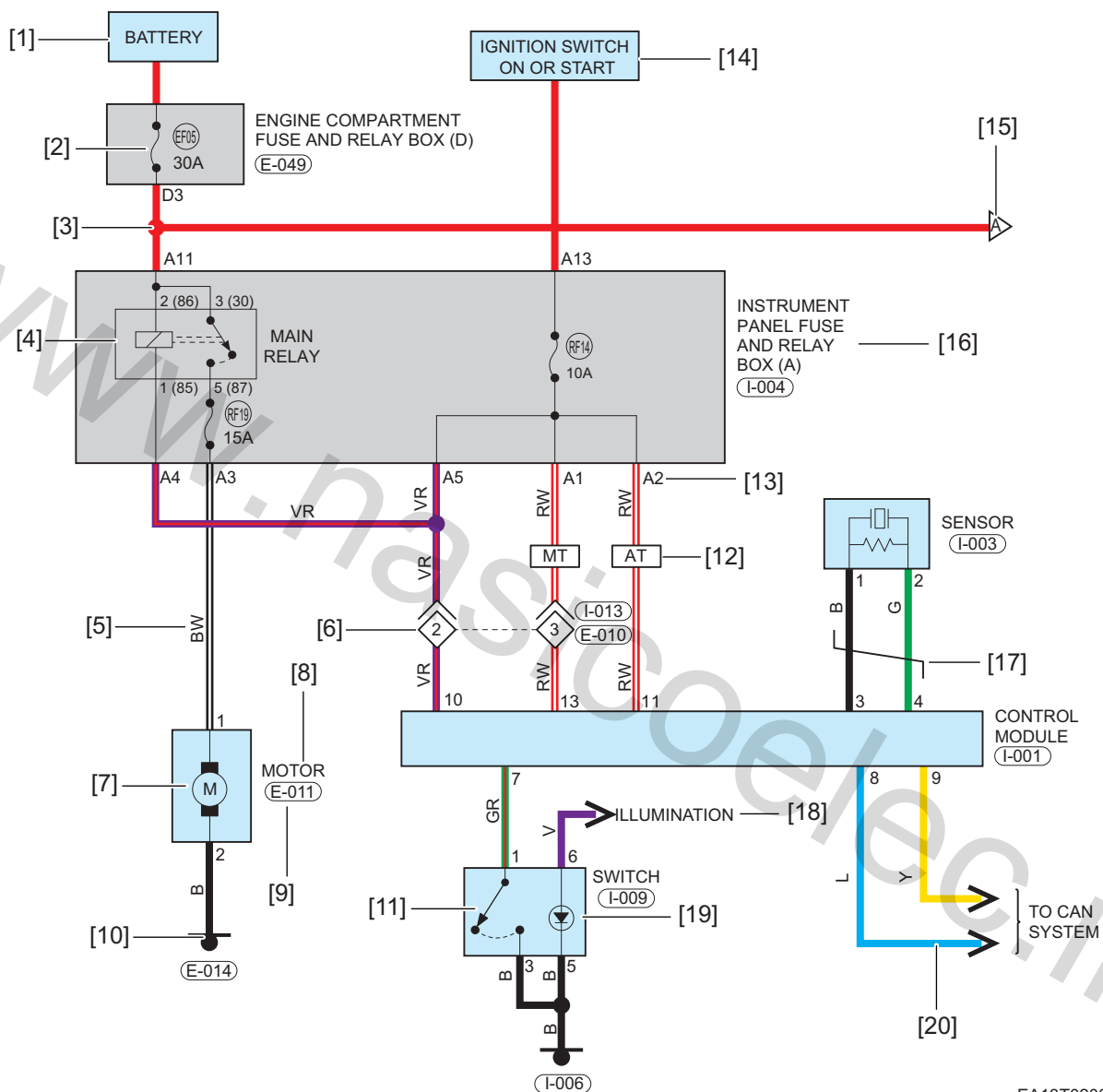
- The information in this manual is about wire harnesses. Information about component and assembly parts is only for reference. Please refer to the relevant service manual.

Circuit Diagram Instruction

Circuit diagrams are provided to help technicians determining and detecting vehicle malfunction effectively. Functions and features of circuit diagram:

- The power supply circuit is on the top of the page, while the ground circuit is at the bottom.
- Components (such as switches and fuses) are displayed on the circuit diagram in the form of simple icon.

EXAMPLE



EA13T020010

* The circuit diagram shown here is an example only. It is different to the actual circuit shown in "SYSTEM CIRCUITS" section.

EXAMPLE

[21] — **Parts Location**

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-049	08-5	I-004	08-7	E-011	08-3
E-014	08-3	I-003	08-7	I-001	08-7
I-009	08-7	I-006	08-7		

[22] — **Fuse and Relay**

Fuse/Relay	See Page	Fuse and Relay Box
EF05	06-2	Engine Compartment Fuse and Relay Box
RF14	06-10	Instrument Panel Fuse and Relay Box
RF19	06-10	Instrument Panel Fuse and Relay Box
Main Relay	06-10	Instrument Panel Fuse and Relay Box

[23] — **Location of Junction Connector**

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-013, E-010	08-7, 08-3				

[24] — **Form of Connector**

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-049	12-3	I-004	12-4	E-011	12-2
E-014	12-2	I-003	12-4	I-001	12-4
I-009	12-4	I-006	12-4	I-013, E-010	12-4, 12-2

EA13T020011

The following is a list of the symbols defined in circuit diagram.

No.	Definition	Description
[1]	Battery	It indicates the power supply from battery positive to electrical equipment.
[2]	Fuse	This symbol indicates a fuse; "EF05" indicates the fuse number; "30A" indicates the rated amperage of this fuse.
[3]	Splice Point	The solid circle indicates that each intersecting wire is interconnected.
[4]	Relay	This symbol indicates a relay; "MAIN RELAY" indicates the relay name; "1", "2", "3" and "5", or "85", "86", "30" and "87" indicate the terminal numbers of relay.
[5]	Color	It indicates the color of this wire. The color codes are as follows: B = Black; W = White; R = Red; G = Green; L = Blue; Y = Yellow; Br = Brown; O = Orange; Gr = Gray; P = Pink; V = Violet; Lg = Light Green. For example: "BrR" indicates the main color is brown in wire color and the second color is red.
[6]	Connector	It indicates junction connectors. "Λ" is female connector and "I-013" is applicable code; "◇" is male connector and "E-010" is applicable code. The number "2" and "3" inside male connector indicates terminal number. "----" indicates different terminals come from the same junction connectors.
[7]	Motor	This symbol indicates a motor.
[8]	Component Name	It indicates the name of a component.

No.	Definition	Description
[9]	Connector Code	"E-011" indicates the connector code of this component and letter "E" indicates the wire harness code in which the connector is located. Connector codes are as follows: E = Engine Wire Harness and Engine Compartment Wire Harness; P = Battery Positive Wire Harness; N = Battery Negative Wire Harness; I = Instrument Panel Wire Harness; B = Body Wire Harness; F = Front Left Door Wire Harness; H = Front Right Door Wire Harness; L = Rear Left Door Wire Harness; R = Rear Right Door Wire Harness; T = Back Door Wire Harness; C = Roof Wire Harness; K = A/C Wire Harness.
[10]	Ground Point	It indicates ground connection.
[11]	Switch	This symbol indicates a switch.
[12]	Vehicle Model	"AT" indicates it is for AT model; "MT" indicates it is for MT model.
[13]	Terminal No.	It indicates the terminal number in the connector of this component.
[14]	Ignition Switch	It indicates the power supply from ignition switch to electrical equipment.
[15]	Connected to...	It indicates the wire harness is connected to the circuit diagram on next page. The letter "A" is connected with "A" in the circuit diagram on next page.
[16]	Fuse and Relay Box Name	It indicates the name of fuse and relay box.
[17]	Twisted-pair	It indicates the two wires are twisted.
[18]	Backlight Power Supply	It indicates the illumination power supply outputs from BCM (front position light power supply).
[19]	LED	It is used for indicators, warning lights or illuminations in switches or instrument cluster.
[20]	CAN	It indicates CAN wire in the electrical schematics. It is connected to CAN system.
[21]	Parts Location	It indicates the reference page showing parts locations and positions of ground points on vehicle. Example: Connector "E-014" is on page 08-3 of this manual.
[22]	Fuse and Relay	It indicates the reference page showing fuse/relay location in circuit diagram.

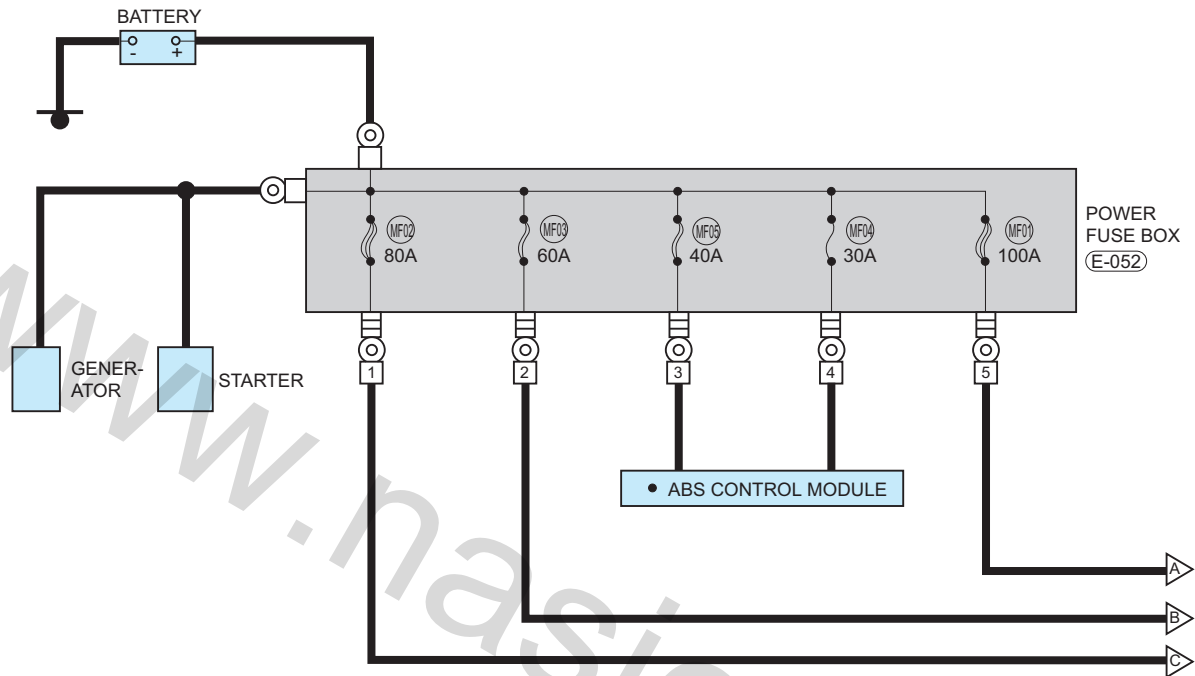
No.	Definition	Description
[23]	Location of Junction Connector	It indicates the reference page showing locations of junction connectors in circuit diagram. Example: Connector "I-013" and connector "E-010" is a pair of junction connectors. Connector "I-013" is on page 08-7 of this manual and connector "E-010" is on page 08-3 of this manual.
[24]	Form of Connector	It indicates the reference page showing forms of connectors in circuit diagram.

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Power Source Instruction

The "POWER SOURCE" section describes which parts each power source transmits current to. In power source circuit diagram, the conditions when battery power is supplied to each system are explained. Since all system circuit diagrams start from power source, power source distribution must be fully understood.

EXAMPLE



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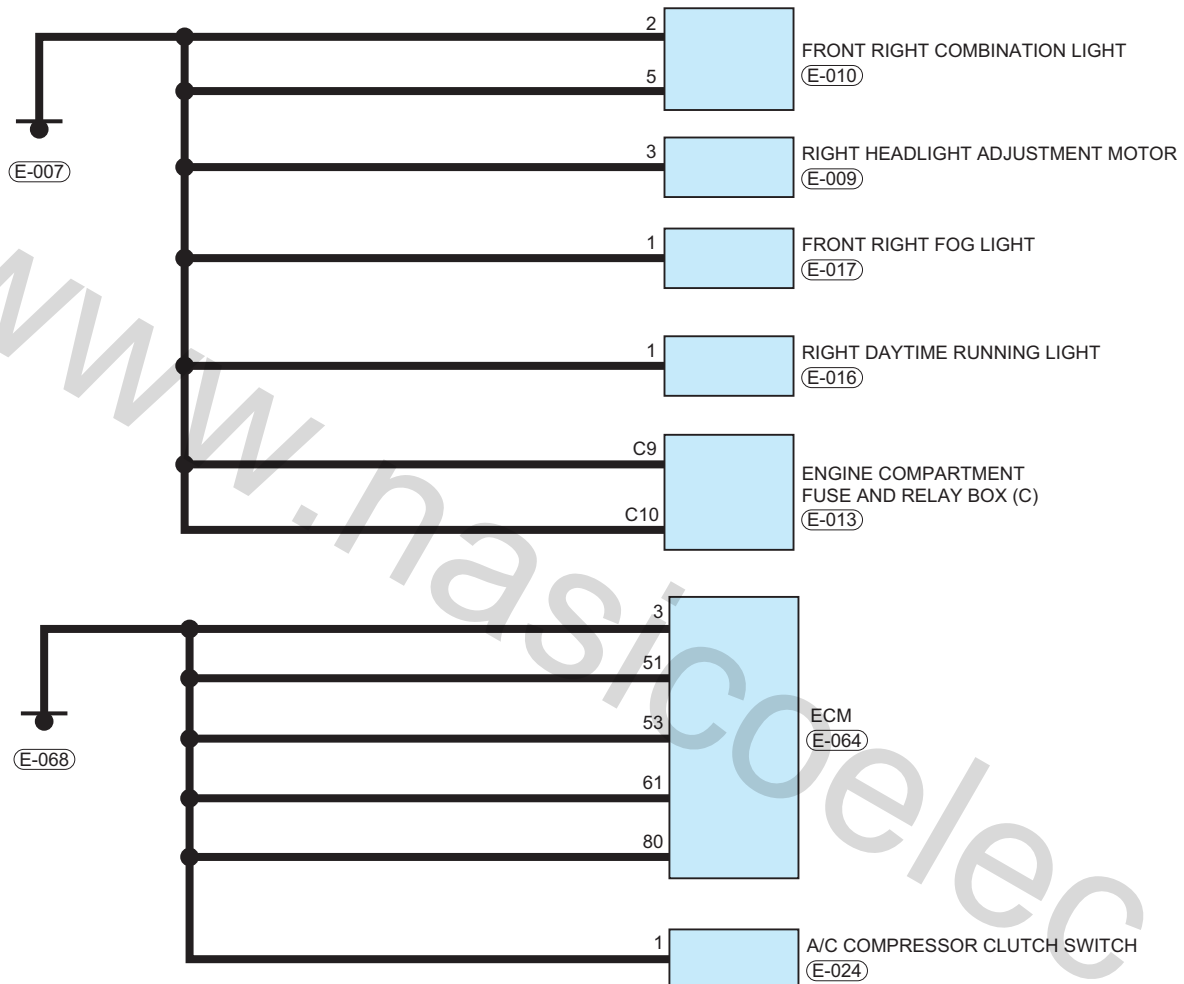
* The system shown here is an example only. It is different to the actual circuit shown in "POWER SOURCE" section.

Ground Point Instruction

The ground points circuit diagram shows connections from all major parts to 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 can also be checked in this way.

EXAMPLE

02

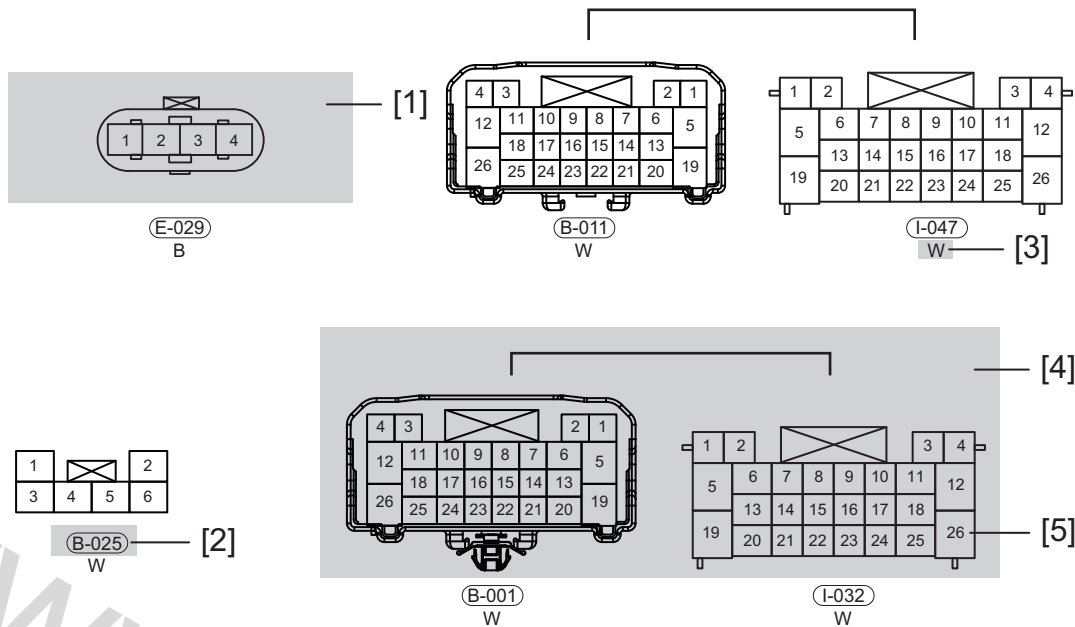


EA13T020030

* The system shown here is an example only. It is different to the actual circuit shown in "GROUND POINT" section.

Connector List Instruction

EXAMPLE



EA13T020040

No.	Definition	Description
[1]	Connector	It indicates connector to be connected to a part. (The numeral indicates the terminal number.)
[2]	Connector Code	It indicates the connector code.
[3]	Connector Color	It indicates the color of connector.
[4]	Junction Connector	It indicates the connector shapes to join wire harnesses. On Left: Male connector shape On Right: Female connector shape Numbers indicate terminal numbers.
[5]	Terminal No.	The numeral indicates the terminal number. The numbering system is different for female and male connectors. Example: Female Male

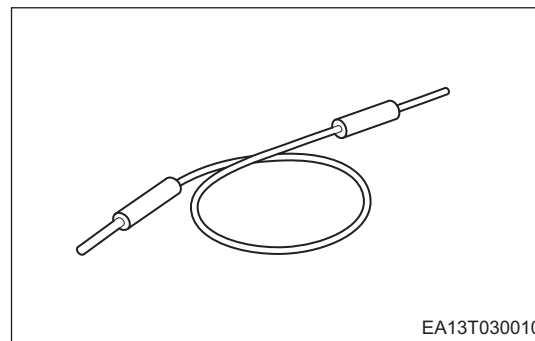
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TROUBLESHOOTING

Electrical Troubleshooting Tools

1. Jumper Wire

Jumper wire is used to create a temporary circuit. Connect the jumper wire between terminals of a circuit to bypass a switch.



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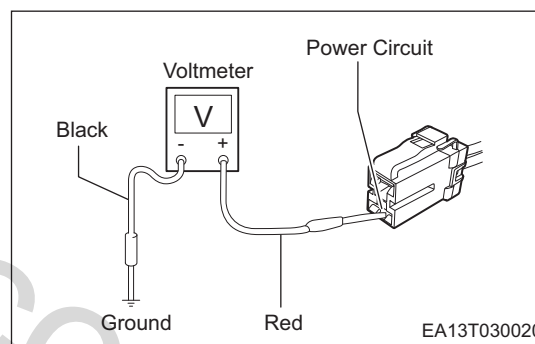
03

CAUTION

- DO NOT connect a jumper wire from power supply end to body ground, as this may damage wire harnesses or electrical components.

2. Voltmeter

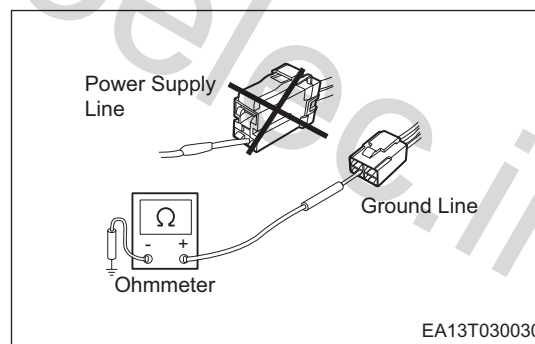
Voltmeter is used to measure circuit voltage. The measurement range should be higher than 15 V. Measure voltage by connecting the positive probe (red) of voltmeter to the positive lead of the component to be tested and the negative probe (black) to the negative lead or body ground.



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3. Ohmmeter

Ohmmeter is used to measure resistance between two points in a circuit, or to check a circuit for open or short.



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CAUTION

- DO NOT connect ohmmeter to a circuit when applying voltage to the circuit, as this may result in inaccurate measured data or even damaging the ohmmeter.

Electrical Troubleshooting

Wire Harness Troubleshooting

The following 6 steps help to troubleshoot wire harnesses. Always check non-original components added to vehicle before performing any diagnosis. If the vehicle is equipped with these components, disconnect them to verify that these added components are not the cause of the problem.

Perform the following steps when troubleshooting wire harness:

1. Verify problem.
2. Look for any related symptom (by inspecting components in the same circuit).
3. Analyze symptom (use circuit diagram to determine the layout of a circuit, the area where problems most likely occur and the area where diagnosis will continue).
4. Isolate problem area.
5. Repair problem area.
6. Check for proper operation (in this step, check all items in the repaired circuit for proper operation).

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Voltage Test

1. Establish conditions in which voltage is present at the check point.

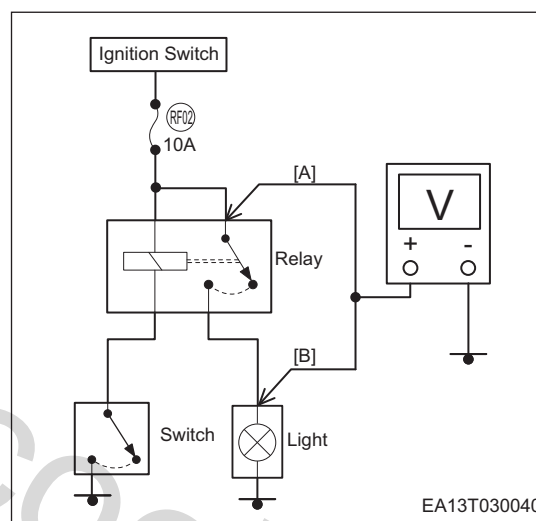
Example:

[A] - Ignition switch on

[B] - Ignition switch and switch on

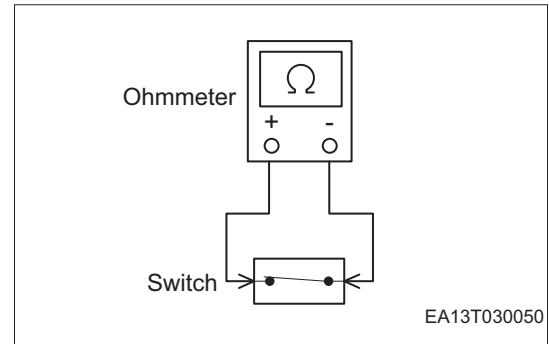
2. Using a voltmeter, connect the negative probe (black) to a good ground point or negative battery terminal, and the positive probe (red) to the connector or component terminal.

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



Circuit Continuity Test

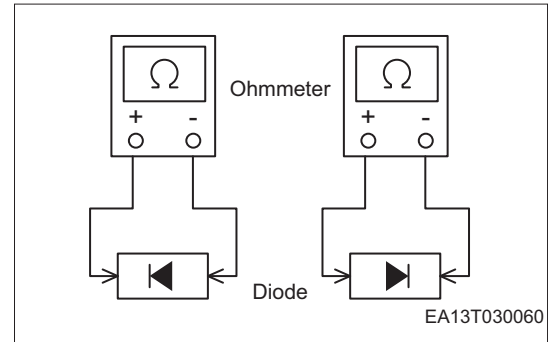
1. Turn off all the electrical equipment and ignition switch, and disconnect the negative battery cable.
2. Remove the circuit to be tested.
3. Connect the two probes of ohmmeter to two ends of the circuit to be tested respectively, and check for circuit continuity (low resistance means there is good continuity in the circuit).



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

When contacting the negative probe (black) to the diode positive side and the positive probe (red) to the negative side, there should be continuity.

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



Short Circuit Test

1. Measure and record the battery voltage.
2. Pull out the fuse of the circuit to be tested or disconnect power supply end of the test circuit.
3. Connect the positive probe (red) of a voltmeter to the positive battery terminal and the negative probe (black) to the power supply end of the circuit.
4. Check voltage value displayed on the voltmeter. If the voltage value of battery is displayed, it indicates that the test circuit is short to ground.

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

Electrical Repair

Wire Harness Repair

CAUTION

- Measure the length of the lead to be repaired and select a proper substitute lead before servicing.
- If there are several leads to be repaired, please stagger the repaired parts.

1. Peel off 0.5 inch insulating layer from the lead to be repaired and the substitute lead.
2. Connect the original lead to the substitute lead with the heat shrink tube and compress the metal core of the heat shrink tube with a tool, so that the original lead and the substitute lead can be connected firmly.
3. Heat the heat shrink tube to shrink the outer rubber layer and ensure that the sealing of repaired area is in good condition.
4. Wrap the repaired lead with insulating tape.

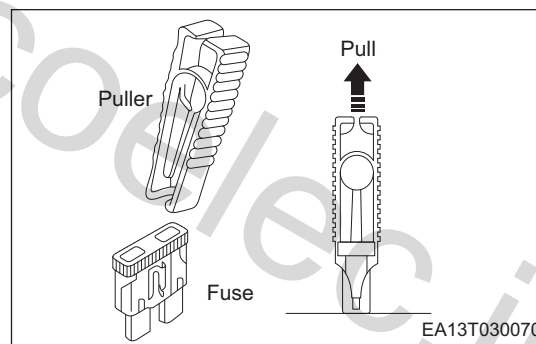
03

Fuse Replacement

CAUTION

- Energizing test should be performed after replacing fuse. If the fuse is blown again, check corresponding circuit for short. If any electrical equipment or additional device which exceeds the rated current is installed, replace it with a fuse with higher amperes.

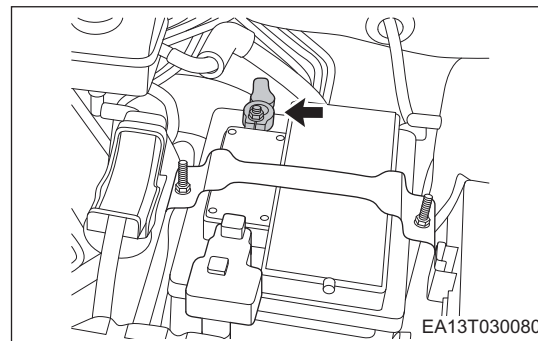
1. Turn off all the electrical equipment and ignition switch before servicing.
2. Remove the blown fuse with a fuse puller.
3. Replace the fuse with a new one which has the same specification.



Electrical Components

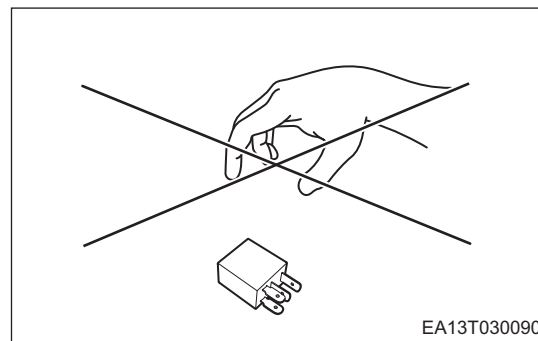
1. Battery Cable

Disconnect the negative battery cable (arrow) before servicing electrical components.



2. Sensor, Switch and Relay

Do not drop or tap the sensor, switch or relay to avoid damaging components during servicing.



03

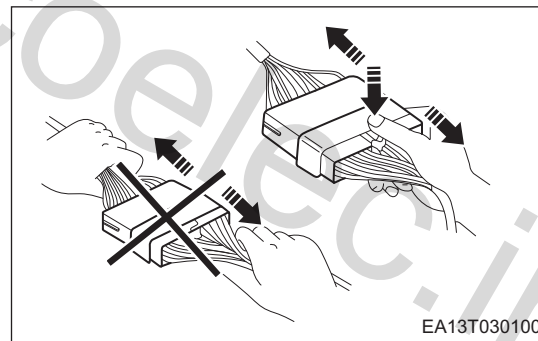
CAUTION

- Use the relay of the same specification with the original one during replacement.

3. Connector

a. Disconnect the connector.

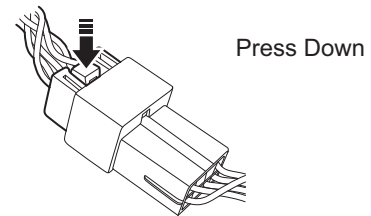
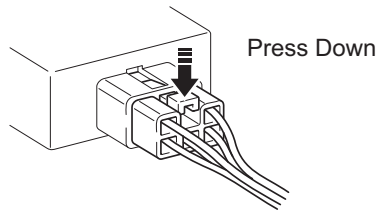
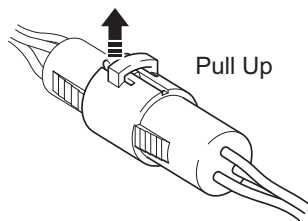
To pull apart connectors, pull on the connector itself and press the connector clip to disconnect it.



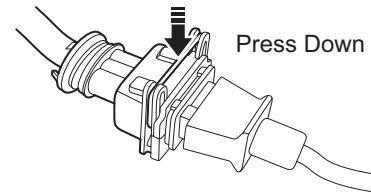
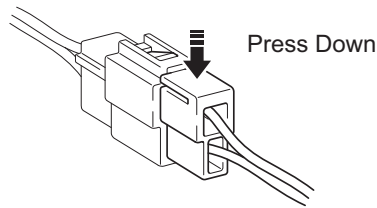
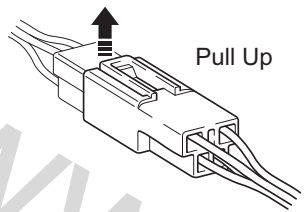
CAUTION

- DO NOT pull wire harness forcibly to avoid damaging components when disconnecting connectors.

There are a variety of ways to fix connector clips and the common disconnection methods are shown in the illustration.



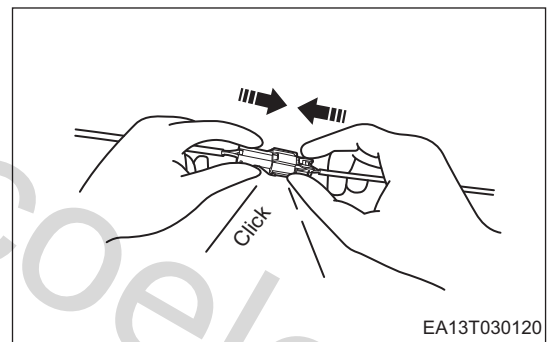
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b. Install the connector.

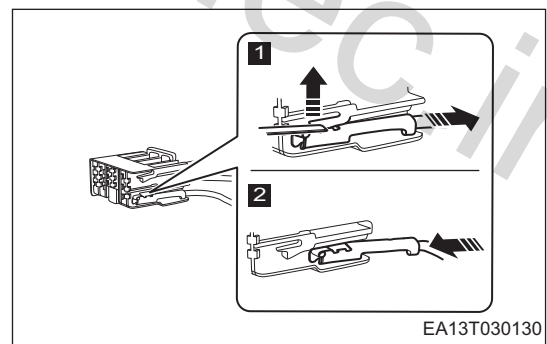
A "click" sound can be heard when a connector is installed in place.



c. Replace the connector terminal.

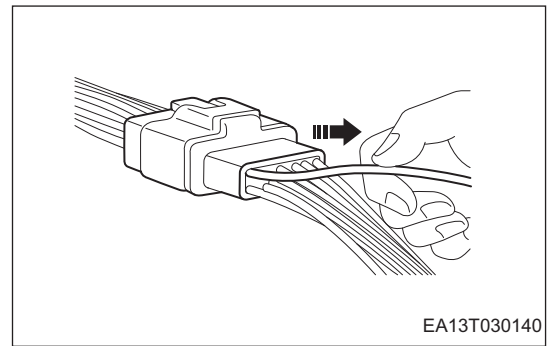
As shown in the illustration (1), insert a suitable tool into the terminal to lift up the fixing clip and then pull out the terminal from behind.

During installation, push the terminal from the back of the connector to ensure that the fixing clip is installed in place as shown in the illustration (2).



d. Check the connector terminal.

Pull a single terminal wire gently to check if it is installed in place.



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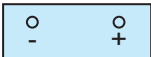
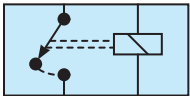
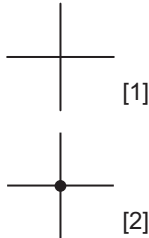
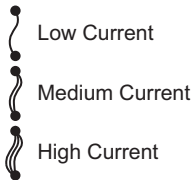
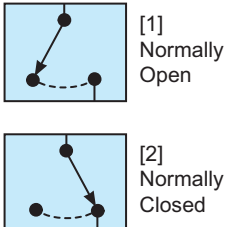
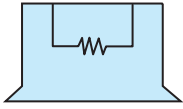
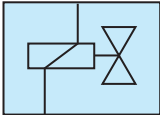
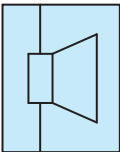
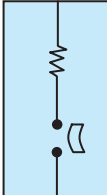
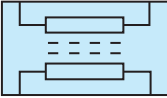
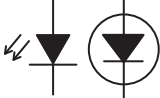
ABBREVIATIONS

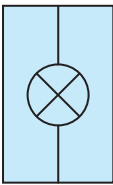
The following abbreviations are used in this manual.

Abbreviation	Meaning
A	Ampere
ABS	Anti-lock Brake System
A/C	Air Conditioning
ACC	Accessory
ANT	Antenna
AT	Automatic Transmission
BCM	Body Control Module
CAN	Controller Area Network
CLY	Cylinder
DC	Direct Current
DN	Down
ECM	Engine Control Module
FL	Front Left
FR	Front Right
GND	Ground
H/HI	High
ICM	Instrument Cluster Control Module
IG/IGN	Ignition
ILLU	Illumination
In/IN	Input
INT	Intermittent
LCD	Liquid Crystal Display
LED	Light Emitting Diode
LH	Left-Hand
L/LO	Low
MID	Middle
Out/OUT	Output
PRES	Pressure
PRI	Primary
RH	Right-Hand
RL	Rear Left
RLY	Relay
RR	Rear Right
SEC	Secondary
SW	Switch

Abbreviation	Meaning
SRS	Supplemental Restraint System
TCU	Transmission Control Unit
TEMP	Temperature
V	Volt
WIN/Win	Window

GLOSSARY OF TERMS AND SYMBOLS

 	BATTERY Stores chemical energy and converts it into electrical energy. Provides DC current for 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.
	RELAY Basically, an electrically operated switch which may be normally closed or open. Current flow through a small coil creates a magnetic field which either opens or closes an attached switch.		WIRES Wires are always drawn as straight lines on wiring diagrams. Crossed wires [1] without a black dot at the junction are not joined; Crossed wires [2] with a black dot at the junction are spliced (joined) connections.
	MOTOR A power unit which converts electrical energy into mechanical energy, especially rotary motion.		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.
	SWITCH Opens and closes circuits, thereby stopping [1] or allowing [2] current flow.		TWISTED-PAIR Two wires are twisted together and used to transmit signals.
	SPEAKER An electromechanical device which creates sound waves from current flow.		SOLENOID An electromagnetic coil which forms a magnetic field when current flows, to move a plunger, etc.
	HORN An electric device which sounds a loud audible signal.		CIGARETTE LIGHTER An electric resistance heating element.
	IGNITION COIL Converts low-voltage DC current into high-voltage ignition current for firing spark plugs.		LED (LIGHT EMITTING DIODE) Upon current flow, these diodes emit light without producing the heat of a comparable light.

	LIGHT Current flow through a filament causes the filament to heat up and emit light.		RESISTOR An electric component with a fixed resistance, placed in a circuit to reduce voltage to a specific value.
	HEATING WIRE An electric resistance heating element.		

FUSE AND RELAY

General Information

Each system should be equipped with fuses and relays to ensure normal operation of vehicle electrical system.

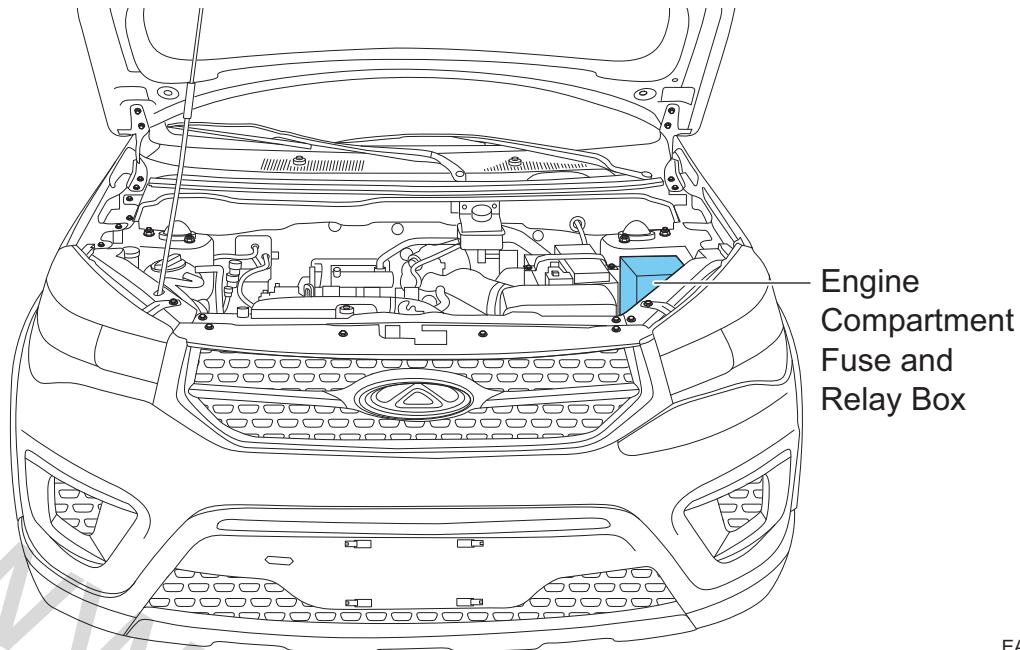
The fuses and relays are integrated into fuse and relay boxes which are installed in the following positions of vehicle:

- Engine compartment fuse and relay box: located on the left side of engine compartment and the rear side of left headlight.
- Instrument panel fuse and relay box: located at lower left of instrument panel.

Fuse and Relay Box	See Page
Engine Compartment Fuse and Relay Box	06-2
Instrument Panel Fuse and Relay Box	06-10

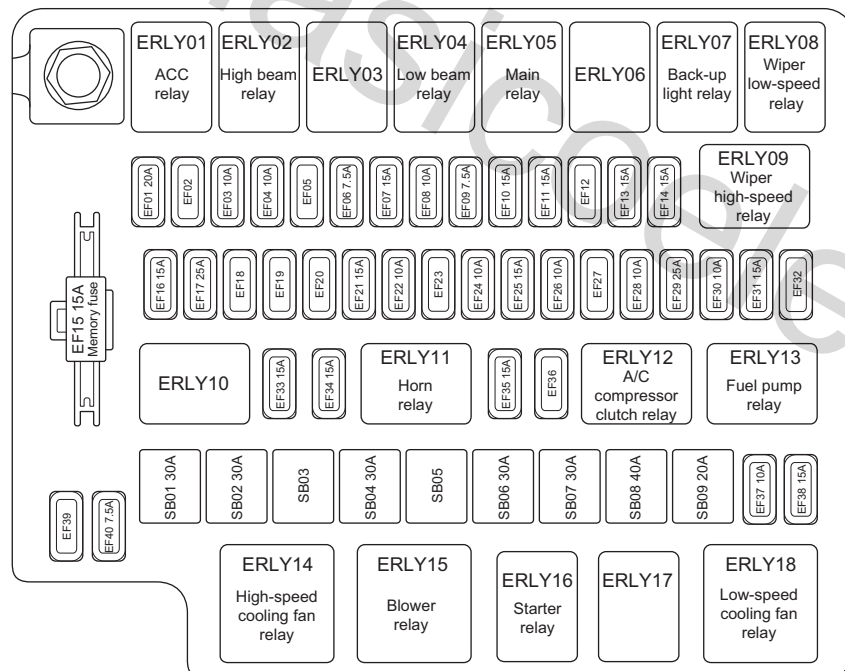
Engine Compartment Fuse and Relay Box

Location of Engine Compartment Fuse and Relay Box



EA13T060030

06 Fuse and Relay Layout in Engine Compartment Fuse and Relay Box



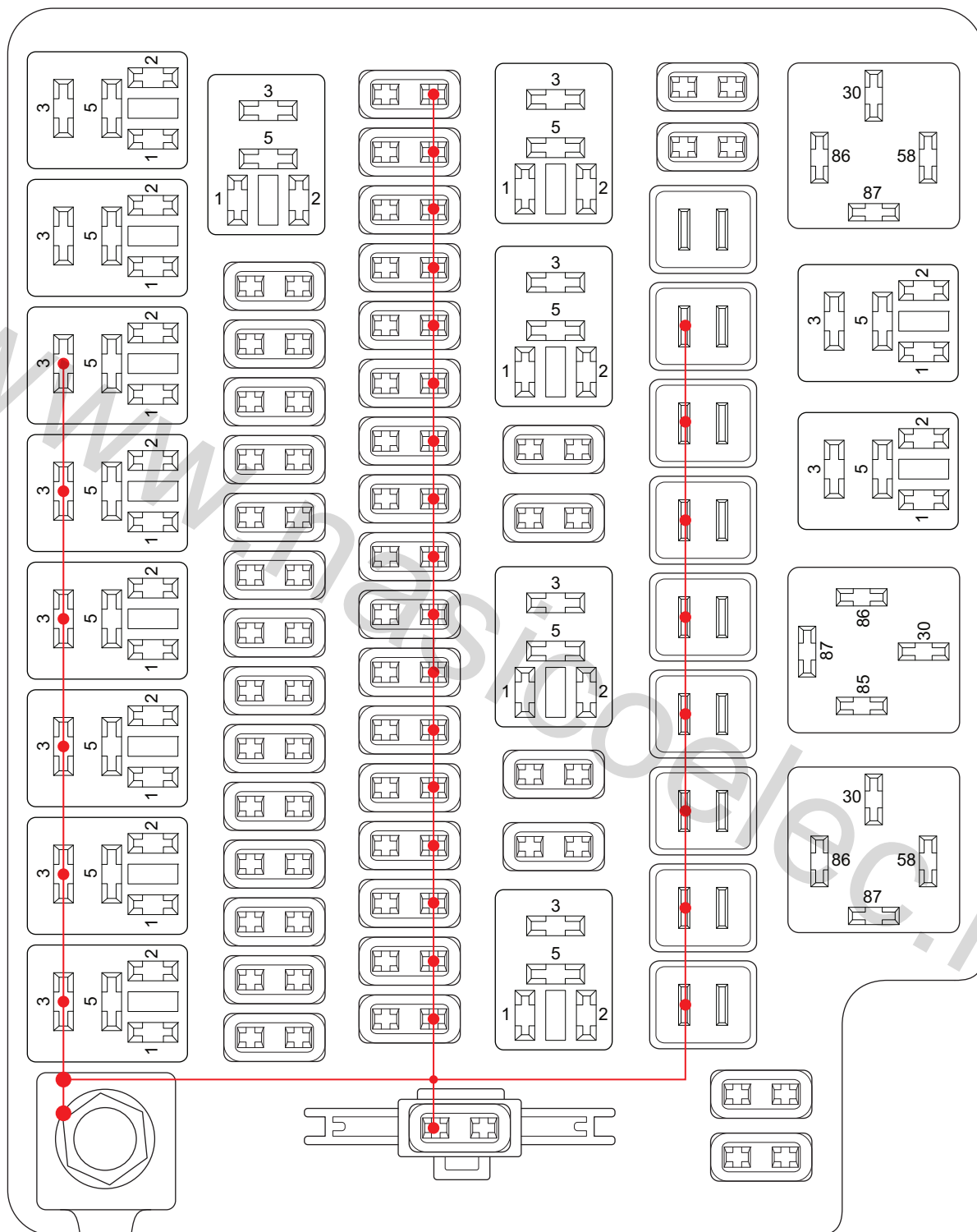
EA13T060040

Engine Compartment Fuse Description

No.	Description	No.	Description	No.	Description
EF01	Spare	EF18	-	EF35	Control valve
EF02	-	EF19	-	EF36	-
EF03	High beam headlight LH	EF20	-	EF37	ECM
EF04	High beam headlight RH	EF21	BCM	EF38	Injector
EF05	-	EF22	Coil power	EF39	-
EF06	ESP/ABS	EF23	-	EF40	Blower relay coil
EF07	ECM/TCU (AT model)/ Brake switch	EF24	Brake switch	SB01	ESP/ABS
EF08	A/C switch/Radar	EF25	Horn	SB02	BCM
EF09	Generator excitation	EF26	ECM/TCU (AT model)	SB03	-
EF10	BCM	EF27	-	SB04	BCM
EF11	BCM	EF28	Back-up light	SB05	-
EF12	-	EF29	Wiper	SB06	Blower
EF13	Oxygen sensor	EF30	A/C compressor	SB07	Starter
EF14	Ignition coil	EF31	Fuel pump	SB08	ESP/ABS
EF15	Memory fuse	EF32	-	SB09	ACC
EF16	BCM	EF33	Low beam headlight LH		
EF17	Sunroof	EF34	Low beam headlight RH		

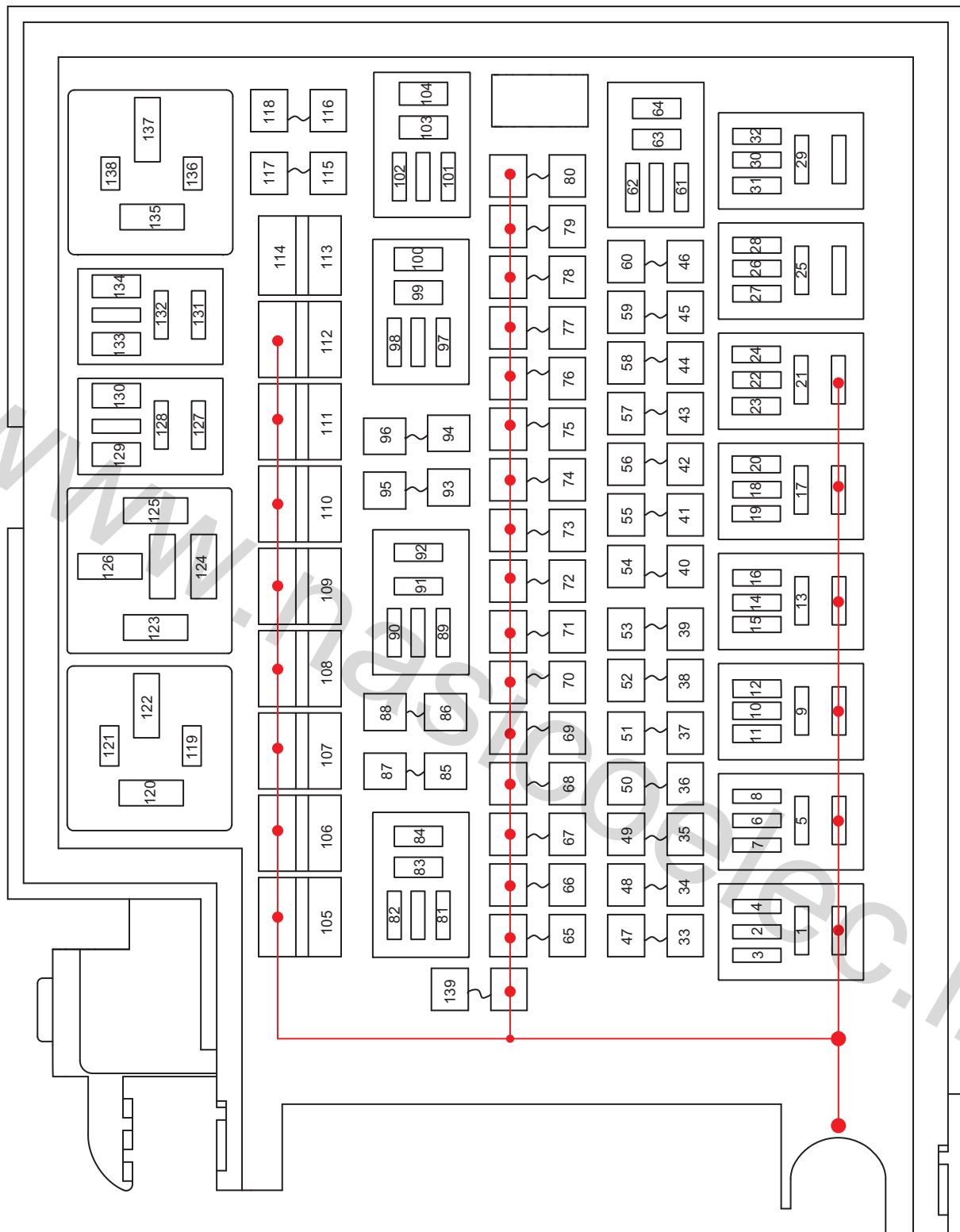
View of Engine Compartment Fuse and Relay Box

Front View



EA13T060050

Back View

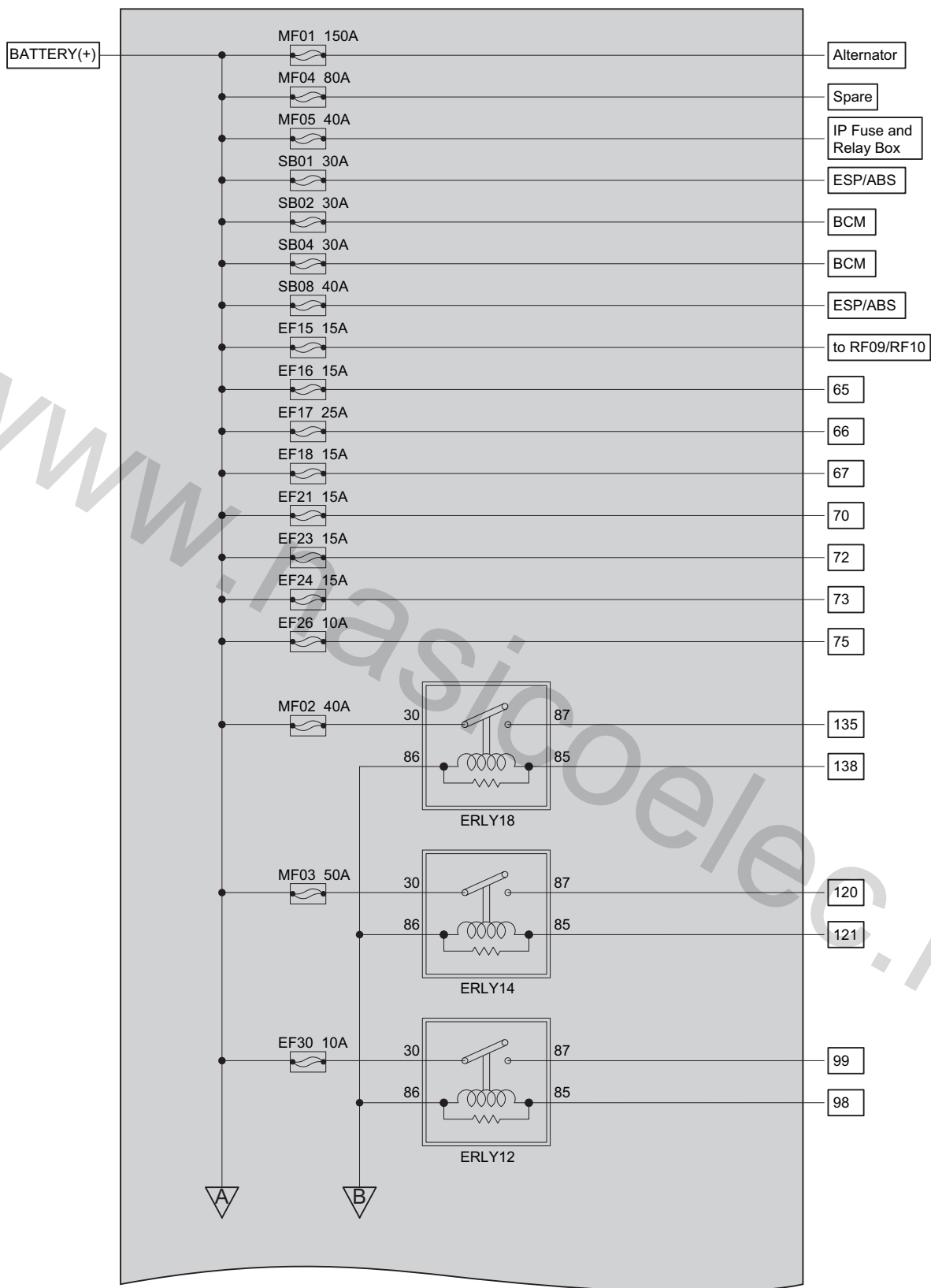


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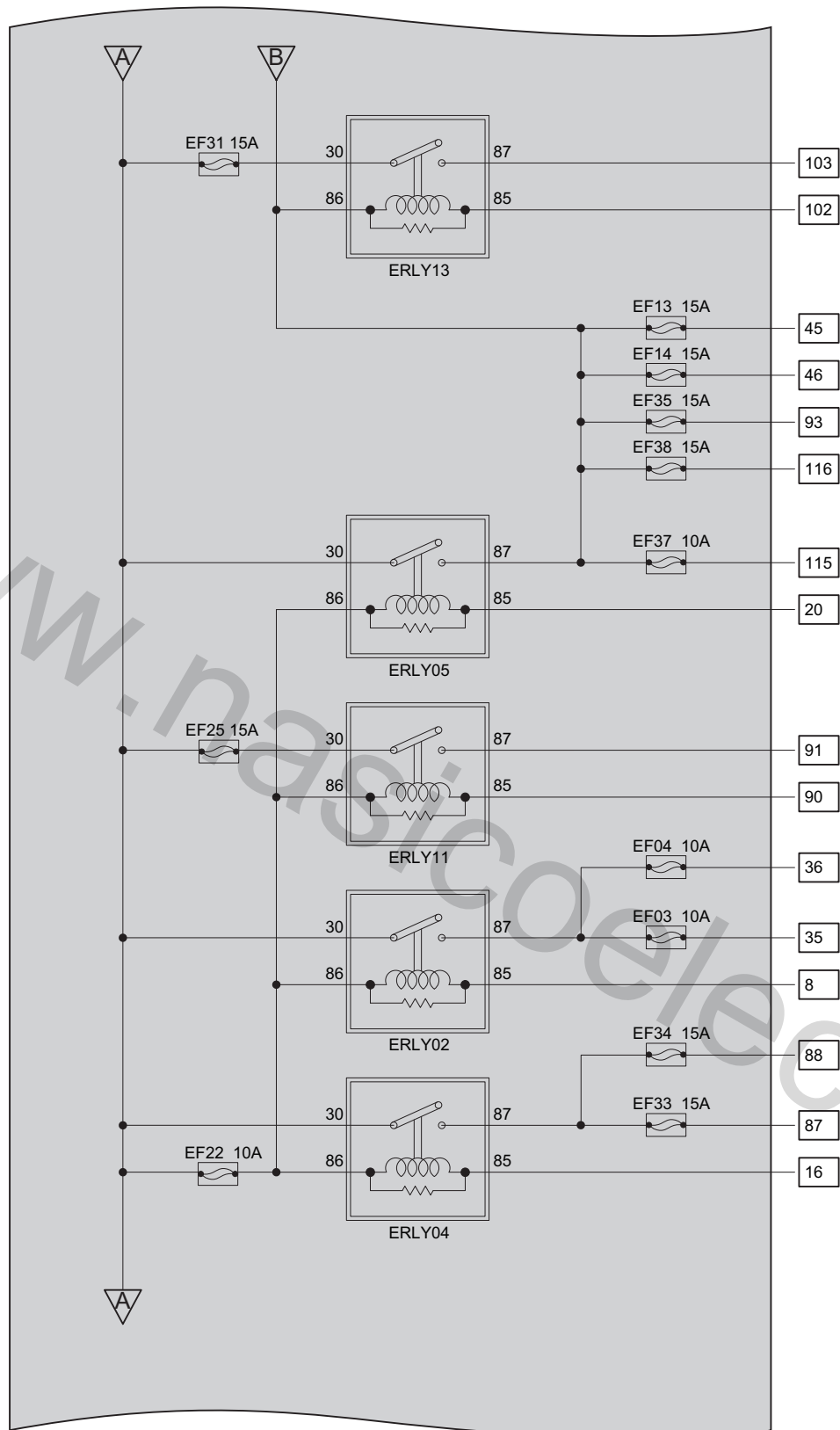
Engine Compartment Fuse and Relay Box Inner Circuit

Circuit Diagram (Page 1 of 4)



EA13T060061

Circuit Diagram (Page 2 of 4)

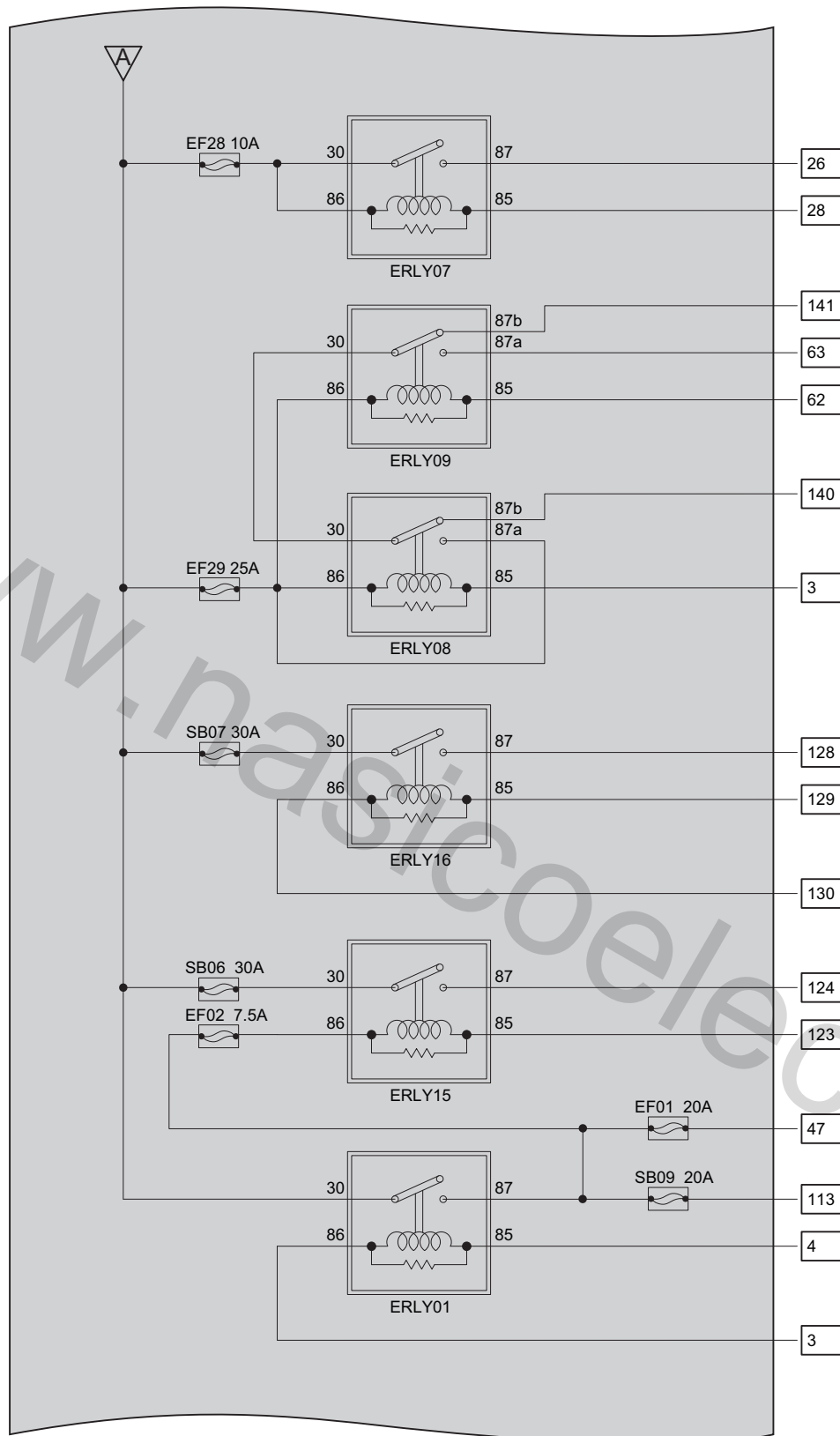


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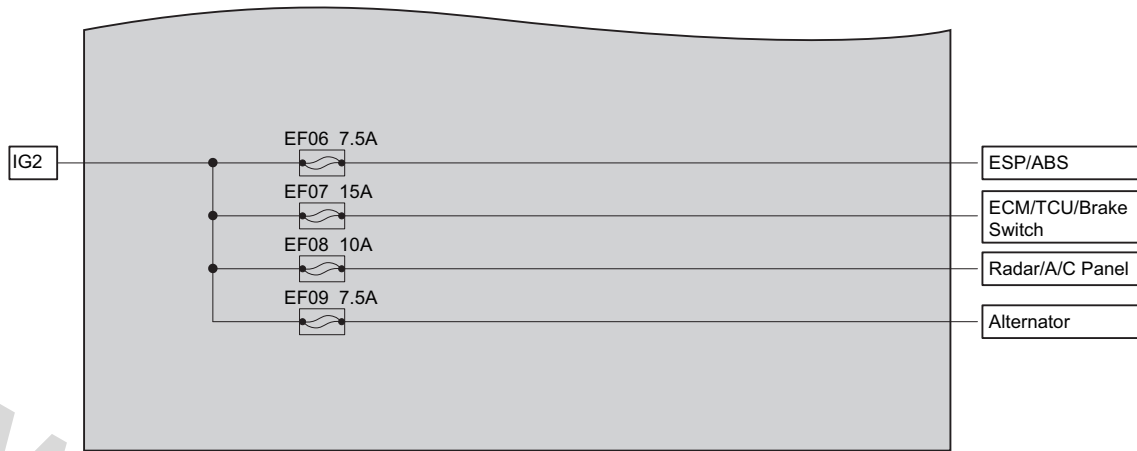


Circuit Diagram (Page 3 of 4)



EA13T060063

Circuit Diagram (Page 4 of 4)



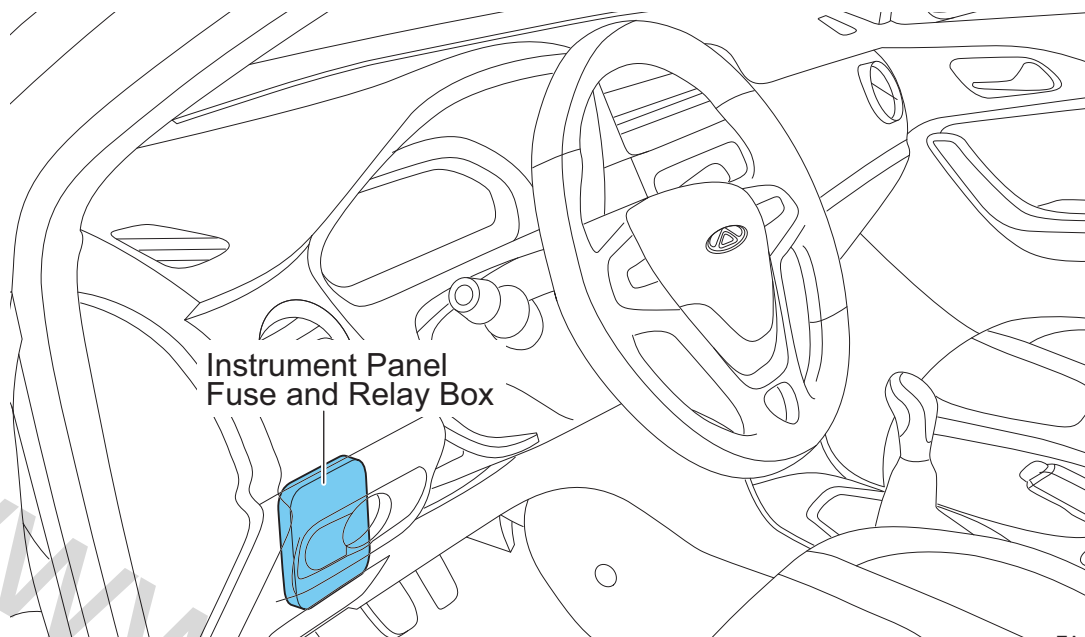
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Instrument Panel Fuse and Relay Box

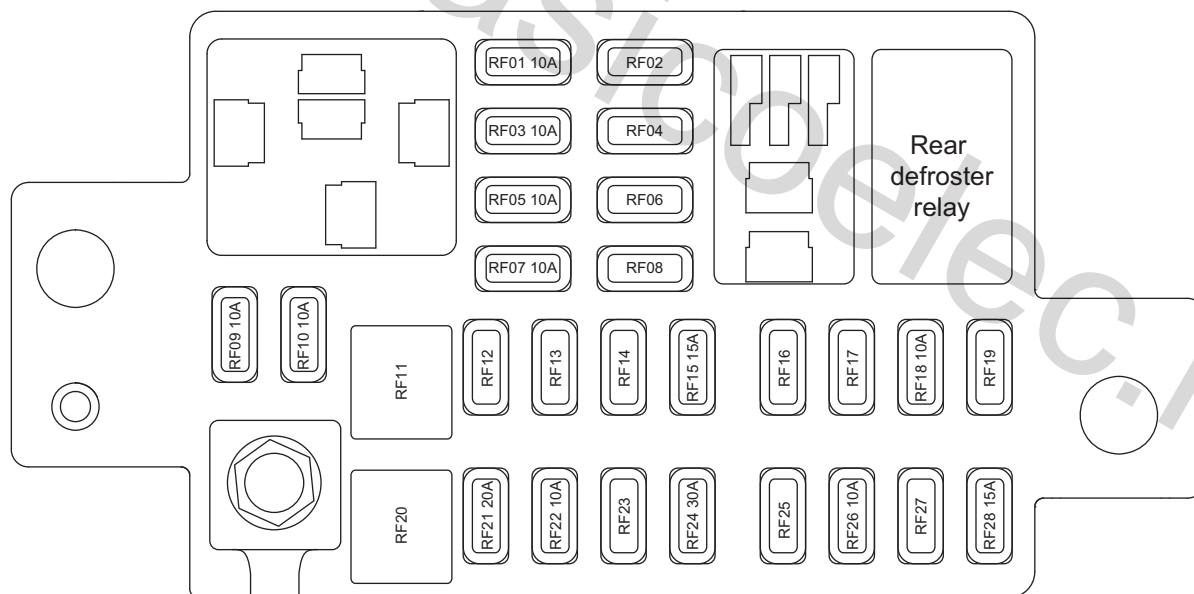
Location of Instrument Panel Fuse and Relay Box



EA13T060100

06

Fuse and Relay Layout in Instrument Panel Fuse and Relay Box



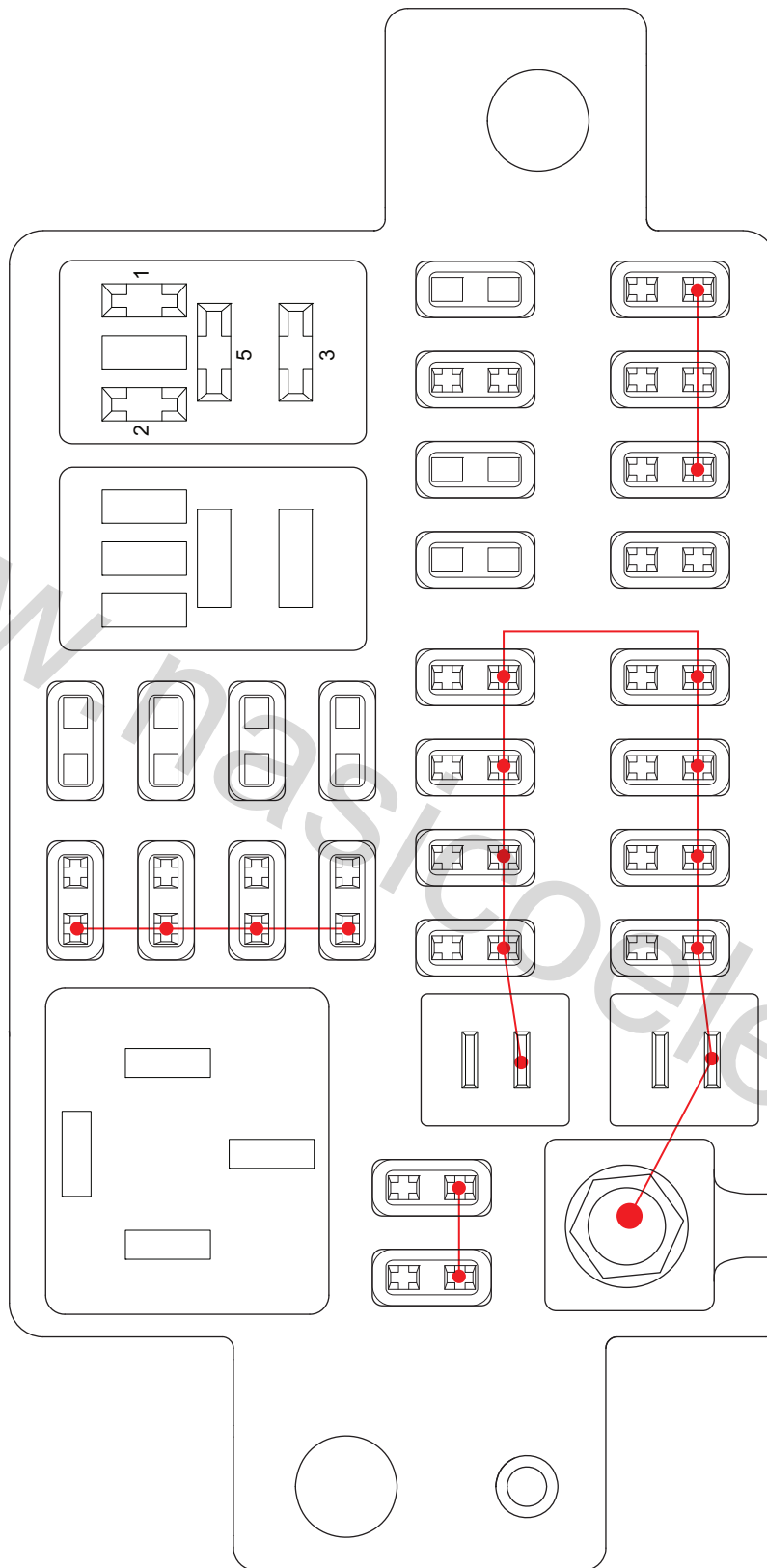
EA13T060110

Instrument Panel Fuse Description

No.	Description	No.	Description	No.	Description
RF01	BCM/ICM/IMMO	RF11	-	RF21	AM2
RF02	-	RF12	-	RF22	AM1
RF03	SAS	RF13	-	RF23	-
RF04	-	RF14	-	RF24	Defrost relay
RF05	Airbag	RF15	Diagnosis/Key in signal/ Defrost relay coil	RF25	-
RF06	-	RF16	-	RF26	Radio control module/ Mirror adjust motor/ BCM/Sunroof
RF07	Radio control module/ A/C control panel/ Headlight motor signal	RF17	-	RF27	-
RF08	-	RF18	Electric mirror heater/ Defrost work feedback	RF28	Spare power
RF09	Radio control module/ A/C control panel	RF19	-		
RF10	Instrument control module	RF20	-		

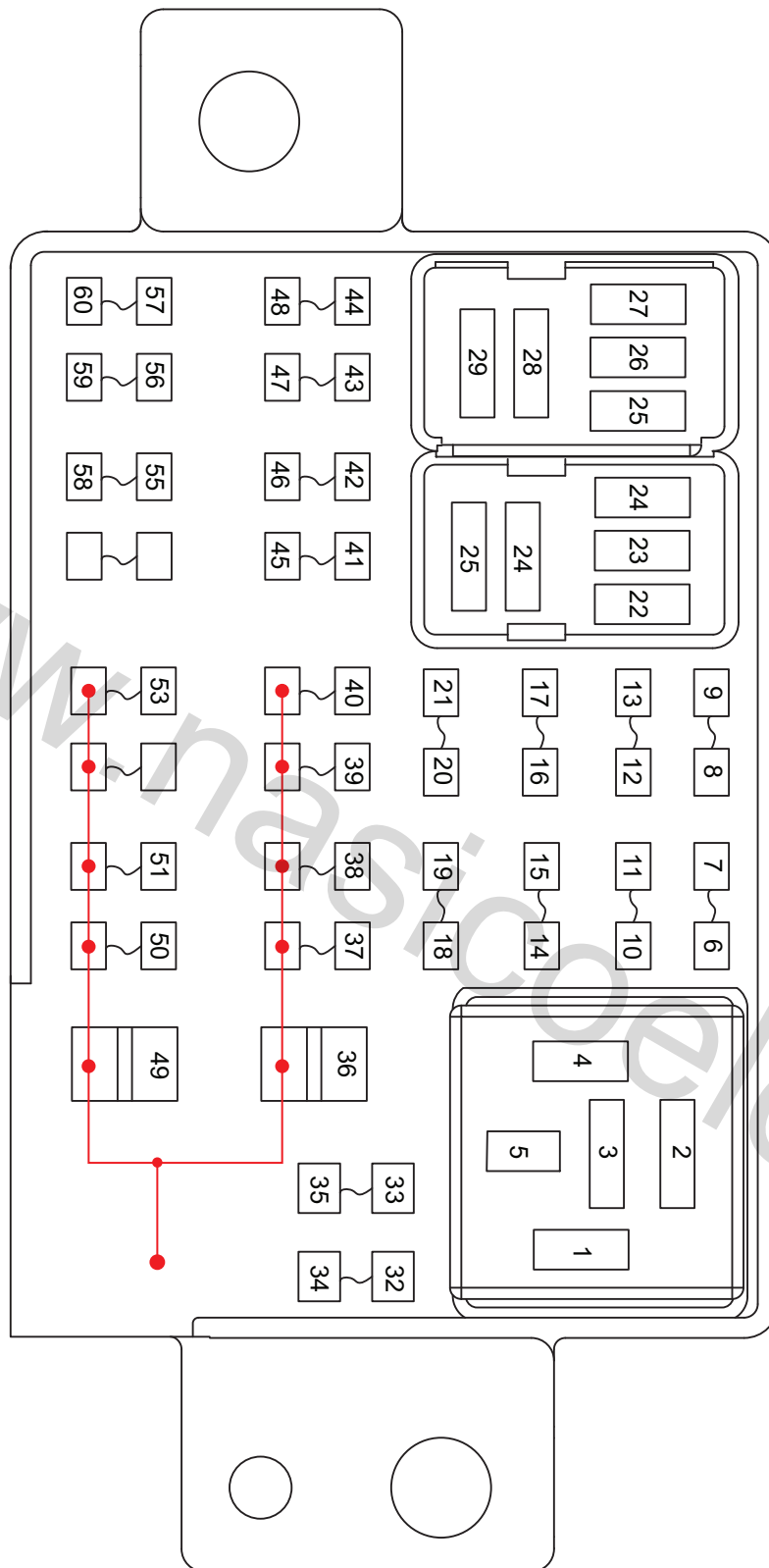
View of Instrument Panel Fuse and Relay Box

Front View



EA13T060120

Back View



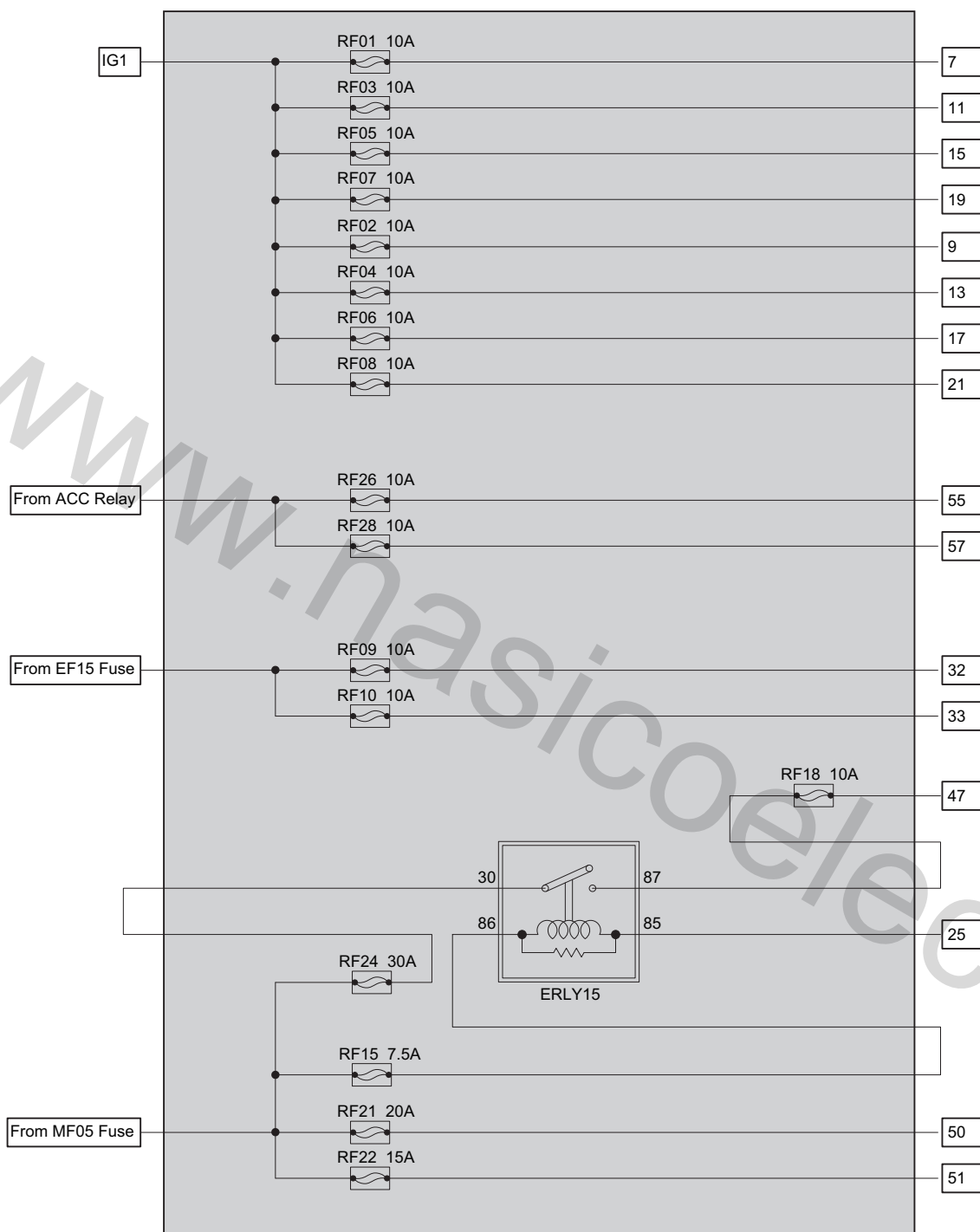
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Instrument Panel Fuse and Relay Box Inner Circuit

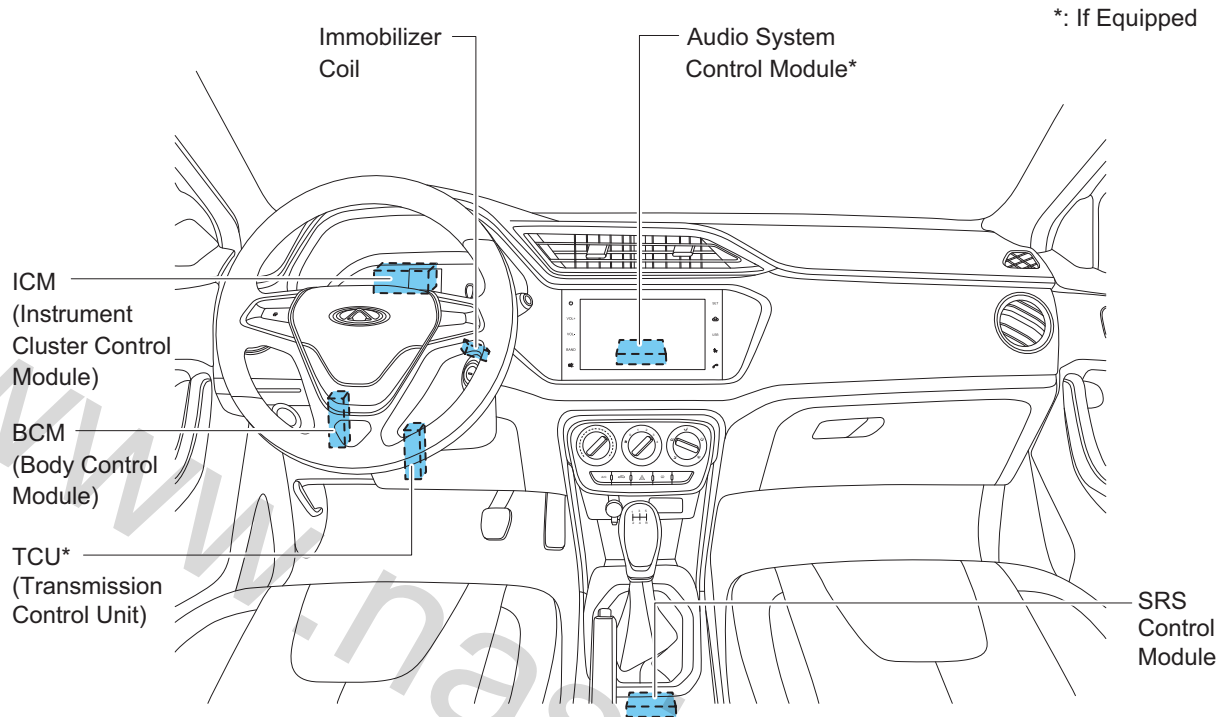
Circuit Diagram (Page 1 of 1)



EA13T060131

LOCATION AND TERMINAL DEFINITION OF CONTROL MODULES

This section introduces location and terminal definition of vehicle control modules. The whole vehicle includes the following modules:

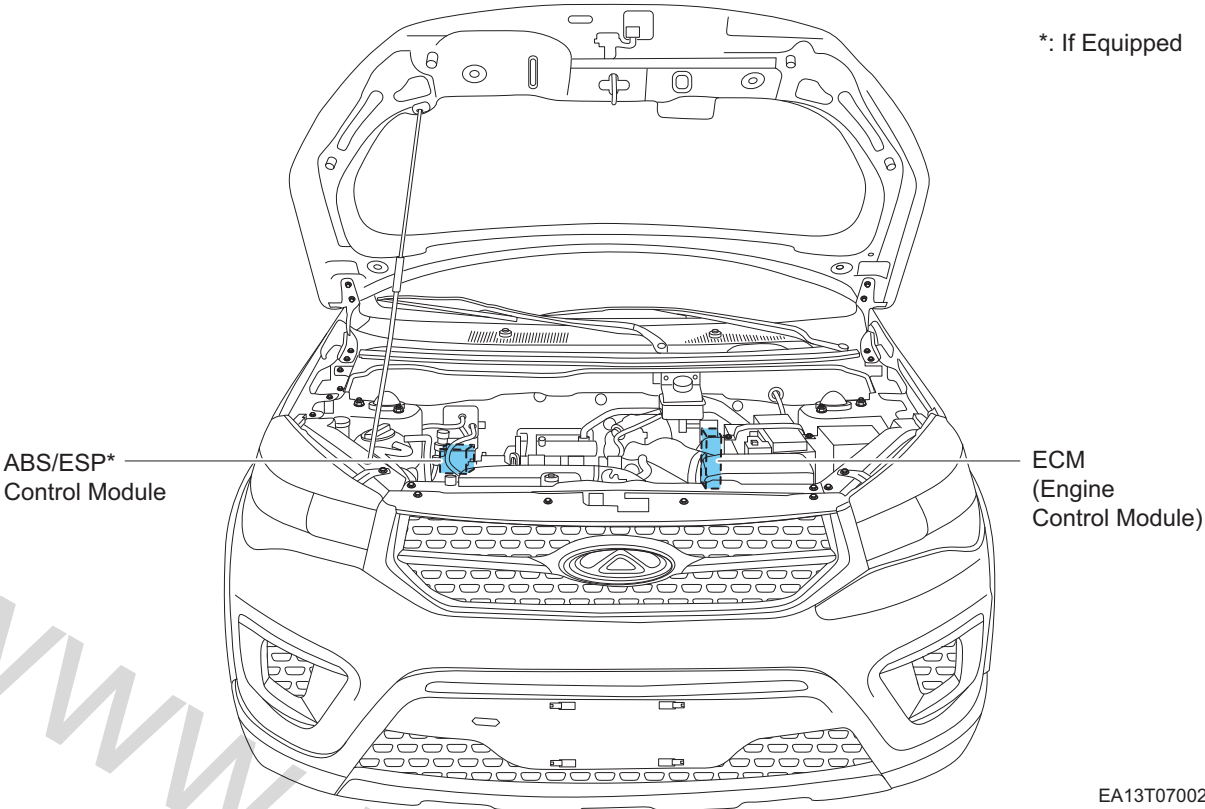


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07

Terminal Definition

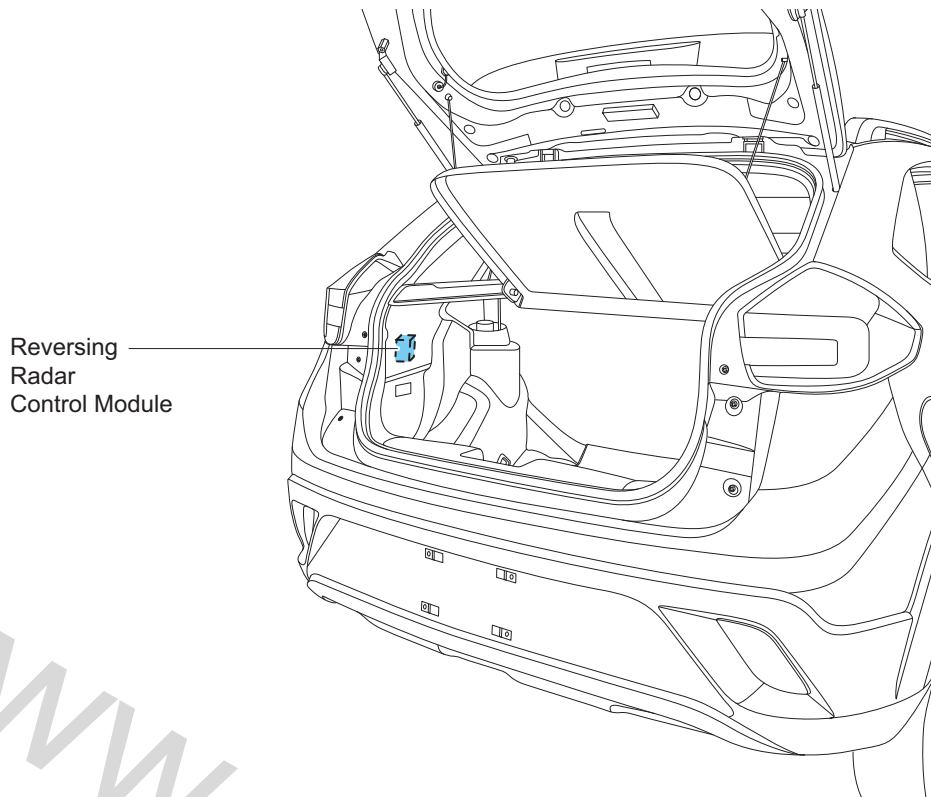
Module Name	See Page
SRS Control Module	07-9
Immobilizer Coil	07-8
ICM (Instrument Cluster Control Module)	07-8
TCU (Transmission Control Unit)	07-11
BCM (Body Control Module)	07-6
Audio System Control Module	07-12



Terminal Definition

07

Module Name	See Page
ABS/ESP Control Module	07-10
ECM (Engine Control Module)	07-4

**Terminal Definition**

Module Name	See Page
Reversing Radar Control Module	07-11

07

ECM (Engine Control Module) Terminal Definition

ECM (A) Terminal Definition

Terminal No.	Description	Terminal No.	Description
A1	Electronic Accelerator Pedal 2 Sensor	A29	Cruise Switch Ground
A2	-	A30	Electronic Accelerator Pedal 2 Power
A3	Cruise Switch Signal	A31	-
A4	A/C Middle Pressure Switch	A32	Electronic Accelerator Pedal 1 Power
A5	Brake Switch 2	A33	-
A6	A/C Switch	A34	Thermostat
A7	Starter Relay Control	A35	-
A8	-	A36	-
A9	-	A37	-
A10	-	A38	Sensor Ground
A11	CAN1-H	A39	Sensor Ground
A12	-	A40	Electronic Accelerator Pedal 1 Ground
A13	Electronic Accelerator Pedal 1 Sensor	A41	-
A14	-	A42	Main Relay Coil
A15	-	A43	Low-speed Fan
A16	Clutch Pedal Switch	A44	A/C Compressor Relay
A17	Brake Switch 1	A45	Fuel Pump Relay
A18	-	A46	High-speed Fan
A19	-	A47	-
A20	-	A48	-
A21	Ground	A49	Upstream Oxygen Sensor Heating
A22	Ignition Switch (ON)	A50	Downstream Oxygen Sensor Heating
A23	CAN1-L	A51	-
A24	-	A52	Ground 1
A25	Ignition Switch (Start)	A53	Ground 2
A26	Upstream Oxygen Sensor	A54	Battery Power Supply
A27	Downstream Oxygen Sensor	A55	Noncontinuous Power Supply
A28	Electronic Accelerator Pedal 2 Ground	A56	Noncontinuous Power Supply

ECM (B) Terminal Definition

Terminal No.	Description	Terminal No.	Description
B1	-	B29	EGR Sensor Power
B2	-	B30	Throttle Position Sensor (+)
B3	Power Steering Pump	B31	Throttle Position Sensor (-)
B4	Coolant Temperature Sensor Ground	B32	EGR Sensor Ground
B5	Knock Sensor (+)	B33	Sensor Ground
B6	Throttle Position Sensor 2	B34	-
B7	Intake Temperature Sensor Signal	B35	Injector 3
B8	EGR Sensor Signal	B36	Injector 1
B9	-	B37	-
B10	-	B38	Variable Camshaft Timing
B11	-	B39	-
B12	Engine Speed Sensor	B40	Engine Speed Sensor (+)
B13	Camshaft Position Sensor	B41	Camshaft Position Sensor (+)
B14	-	B42	-
B15	A/C High/Low Pressure Switch	B43	-
B16	Camshaft Position Sensor (-)	B44	-
B17	Knock Sensor (-)	B45	-
B18	Throttle Position Sensor 1	B46	-
B19	Intake Pressure Sensor Signal	B47	Injector 4
B20	-	B48	Injector 2
B21	Coolant Temperature Sensor Signal	B49	-
B22	-	B50	Canister Solenoid Valve
B23	-	B51	Throttle Actuator (-)
B24	Engine Speed Sensor (-)	B52	Throttle Actuator (+)
B25	-	B53	Ignition Coil 4
B26	EGR Valve Control	B54	Ignition Coil 2
B27	-	B55	Ignition Coil 3
B28	Intake Pressure Sensor Power	B56	Ignition Coil 1

BCM (Body Control Module) Terminal Definition

BCM (A) Terminal Definition

Terminal No.	Description	Terminal No.	Description
A1	-	A27	Dome Light Out
A2	-	A28	Trunk Lamp Out
A3	-	A29	Defroster Relay Out
A4	-	A30	Wiper High-speed Relay Out
A5	-	A31	Reversing Light Relay Out
A6	-	A32	-
A7	-	A33	FR Win SW In
A8	-	A34	FL Win SW In
A9	-	A35	Trunk Unlock SW In
A10	RL Door Ajar In	A36	Win Inhibit In
A11	-	A37	FR Door Ajar In
A12	RR Door Ajar In	A38	Reverse Signal In
A13	-	A39	-
A14	-	A40	Win Inhibit Indicator Out
A15	-	A41	-
A16	-	A42	Wiper Low-speed Relay Out
A17	-	A43	Low Beam Relay Out
A18	High Beam Relay Out	A44	Horn Relay Out
A19	RR Win SW In	A45	SW GND
A20	Passenger FR Win SW In	A46	Turn Light SW In
A21	Passenger RL Win SW In	A47	RL Win SW In
A22	Passenger RR Win SW In	A48	Trunk Ajar In
A23	FL Door Ajar In	A49	Center Lock In
A24	Front Wiper Park In	A50	Center Unlock In
A25	-	A51	-
A26	Rear Wiper Park In	A52	Hood Ajar In

BCM (B) Terminal Definition

Terminal No.	Description	Terminal No.	Description
B1	-	B13	-
B2	CAN2_L	B14	Hazard SW Indicator Out
B3	CAN1-L	B15	CAN2_H
B4	LIN (to Immobilizer Coil)	B16	CAN1-H
B5	IG_ACC In	B17	IG_ON In
B6	-	B18	Key In
B7	Rear Fog Light SW In	B19	Rear Wash SW 1 In
B8	Front Wiper SW 2 In	B20	Front Wash SW In
B9	Rear Defroster SW In	B21	Rear Wiper SW 2 In
B10	-	B22	Front Wiper SW 1 In
B11	Hazard Switch In	B23	Position/Headlight SW In
B12	High Beam/Flash In	B24	Wiper Sensitivity SW

BCM (C) Terminal Definition

Terminal No.	Description	Terminal No.	Description
C1	Power-3	C8	Win RL Up Out
C2	Power-6	C9	Win RL Down Out
C3	GND-1	C10	Power-1
C4	GND-2	C11	Win FR Up Out
C5	Win RR Down Out	C12	Win FR Down Out
C6	Win RR Up Out	C13	Win FL Up Out
C7	Power-2	C14	Win FL Down Out

BCM (D) Terminal Definition

Terminal No.	Description	Terminal No.	Description
D1	-	D7	-
D2	Door Lock Motor Unlock Out	D8	-
D3	Door Lock Motor Lock Out	D9	Power-5
D4	Trunk Unlock Out	D10	Rear Wiper SW Out
D5	Front Washer SW Out	D11	-
D6	-	D12	Rear Washer SW Out

BCM (E) Terminal Definition

Terminal No.	Description	Terminal No.	Description
E1	-	E11	-
E2	-	E12	-
E3	-	E13	-
E4	Left Turn Light Out	E14	Left Daytime Running Light Out
E5	Right Turn Light Out	E15	Left Daytime Running Light Out
E6	Siren Out	E16	Battery Saver Out
E7	Rear Position Lights Out	E17	Rear Fog Light Out
E8	-	E18	-
E9	Front Position Lights Out	E19	-
E10	-	E20	Power-4

Immobilizer Coil Terminal Definition

Terminal No.	Description	Terminal No.	Description
1	LIN (to BCM)	3	IG Power Supply
2	Ground		

ICM (Instrument Cluster Control Module) Terminal Definition

Terminal No.	Description	Terminal No.	Description
1	-	17	-
2	-	18	Parking Brake Switch Signal
3	Ground	19	Seat Belt Unfasten
4	ECO Switch (Reserve)	20	-
5	Fuel Level Sensor Ground	21	Fuel Level Sensor Signal
6	-	22	-
7	Vehicle Speed Output	23	-
8	-	24	-
9	Oil Pressure Warning	25	-
10	-	26	Brake Fluid Level Signal
11	Battery Power Supply	27	-
12	Backlight Illumination Input	28	-
13	Ignition Switch Power Supply	29	CAN2-L
14	-	30	CAN2-H
15	-	31	Adjustment Button Signal Input
16	Charging System Indication	32	-

SRS Control Module Terminal Definition

Terminal No.	Description	Terminal No.	Description
1	IG Power Supply	17	CAN1-H
2	CAN1-L	18	-
3	Driver Airbag	19	-
4	Driver Airbag	20	Front Passenger Seat Belt Switch
5	Front Passenger Airbag	21	-
6	Front Passenger Airbag	22	-
7	-	23	-
8	-	24	-
9	-	25	Passenger Detection Sensor
10	-	26	-
11	-	27	-
12	-	28	-
13	-	29	-
14	-	30	-
15	-	31	-
16	Ground	32	-

ABS/ESP Control Module Terminal Definition

Terminal No.	Description	Terminal No.	Description
1	Battery Power Supply (Pump Motor)	20	Rear Left wheel Speed Sensor
2	CAN1-L	21	Front Left Wheel Speed Sensor
3	ESP OFF Switch Indication	22	-
4	-	23	-
5	-	24	-
6	-	25	Battery Power Supply (Valve)
7	-	26	ESP OFF Switch Input
8	-	27	-
9	-	28	-
10	-	29	Ignition Switch Power Supply
11	-	30	-
12	-	31	Front Right Wheel Speed Sensor
13	Ground	32	Rear Right Wheel Speed Sensor
14	CAN1-H	33	Rear Left wheel Speed Sensor
15	-	34	Front Left Wheel Speed Sensor
16	Brake Switch Input	35	-
17	-	36	-
18	Front Right Wheel Speed Sensor	37	-
19	Rear Right Wheel Speed Sensor	38	Ground

TCU (Transmission Control Unit) Terminal Definition

Terminal No.	Description	Terminal No.	Description
1	Reverse Gear Switch	25	Turbine Speed Sensor Ground
2	Neutral Switch	26	Turbine Speed Sensor Power
3	D Gear Switch	27	-
4	-	28	ST Solenoid Valve
5	Ground	29	-
6	-	30	S1 Solenoid Valve
7	Oil Temperature Sensor Ground	31	CAN1-L
8	-	32	CAN1-H
9	-	33	Turbine Speed Sensor Signal
10	-	34	-
11	P Gear Switch	35	-
12	-	36	-
13	Oil Temperature Sensor Signal	37	SL1 Solenoid Valve Switch
14	-	38	-
15	-	39	-
16	-	40	SLT Solenoid Valve Switch
17	-	41	S2 Solenoid Valve
18	-	42	Ground
19	-	43	L Gear Switch
20	Shift Lock Solenoid Valve	44	-
21	-	45	Battery Power Supply
22	-	46	Ignition Switch Power Supply
23	-	47	Battery Power Supply
24	2 Gear Switch	48	Ignition Switch Power Supply

07

Reversing Radar Control Module Terminal Definition

Terminal No.	Description	Terminal No.	Description
1	-	9	-
2	-	10	-
3	IG Power	11	Sensor Power
4	-	12	Sensor Ground
5	CAN2-H	13	CAN2-L
6	-	14	Ground
7	Left Radar Sensor Signal	15	Right Radar Sensor Signal
8	Center Radar Sensor Signal	16	Ground



Audio System Control Module Terminal Definition

Connector (A) Terminal Definition

Terminal No.	Description	Terminal No.	Description
A1	Rear Right Speaker	A5	Rear Right Speaker
A2	Front Right Door Speaker	A6	Front Right Door Speaker
A3	Front Left Door Speaker	A7	Front Left Door Speaker
A4	Rear Left Speaker	A8	Rear Left Speaker

Connector (B) Terminal Definition

Terminal No.	Description	Terminal No.	Description
B9	Steering Wheel Quick Button	B13	IG ACC Power
B10	Steering Wheel Quick Button	B14	Antenna Power
B11	-	B15	Battery Power
B12	Ground	B16	Illumination Power

Connector (C) Terminal Definition

Terminal No.	Description	Terminal No.	Description
C1	CAN2-H	C7	CAN2-L
C2	IG ON Power	C8	-
C3	-	C9	-
C4	-	C10	-
C5	Camera Ground	C11	Camera Power
C6	Camera Signal -	C12	Camera Signal +

ELECTRICAL WIRING ROUTING

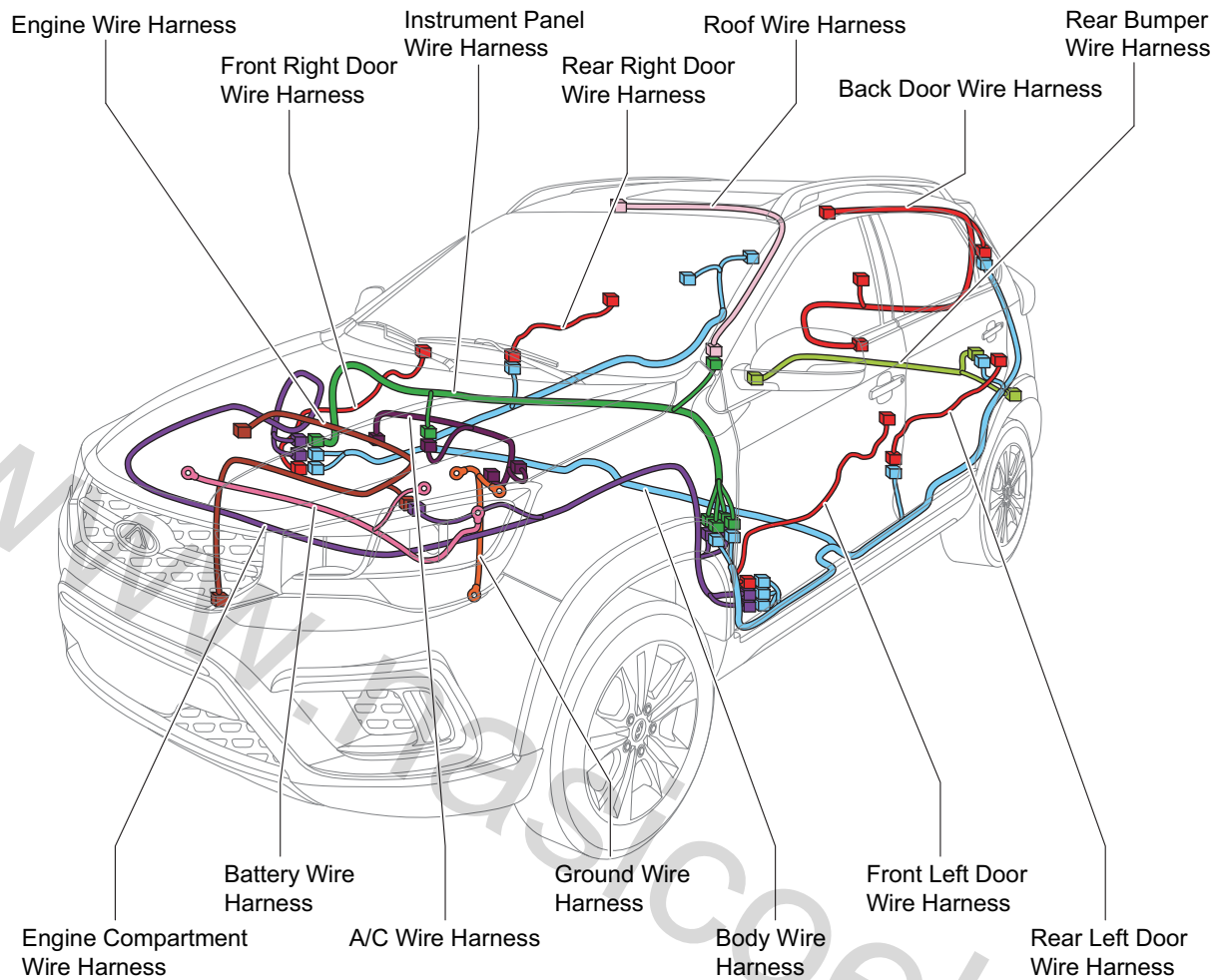
General Information

This section introduces location information of vehicle wire harness and electrical components in the form of graphic. Each part of the whole vehicle wire harness is given a specific color for distinguishing different wire harness easily. However, the color does not indicate the real color of wire harness. The whole vehicle wire harnesses are divided into the following parts and listed in the table below:

Wire Harness	See Page
Engine Wire Harness	08-3
Engine Compartment Wire Harness (For MT Model)	08-5
Engine Compartment Wire Harness (For AT Model)	08-7
Battery Positive/Negative Wire Harness	08-9
Instrument Panel Wire Harness	08-10
Body Wire Harness	08-12
Front Left Door Wire Harness	08-14
Front Right Door Wire Harness	08-15
Rear Left Door Wire Harness	08-16
Rear Right Door Wire Harness	08-17
Back Door Wire Harness	08-18
Roof Wire Harness	08-19
Manual/Electrical A/C Wire Harness	08-20
Rear Bumper Wire Harness	08-21

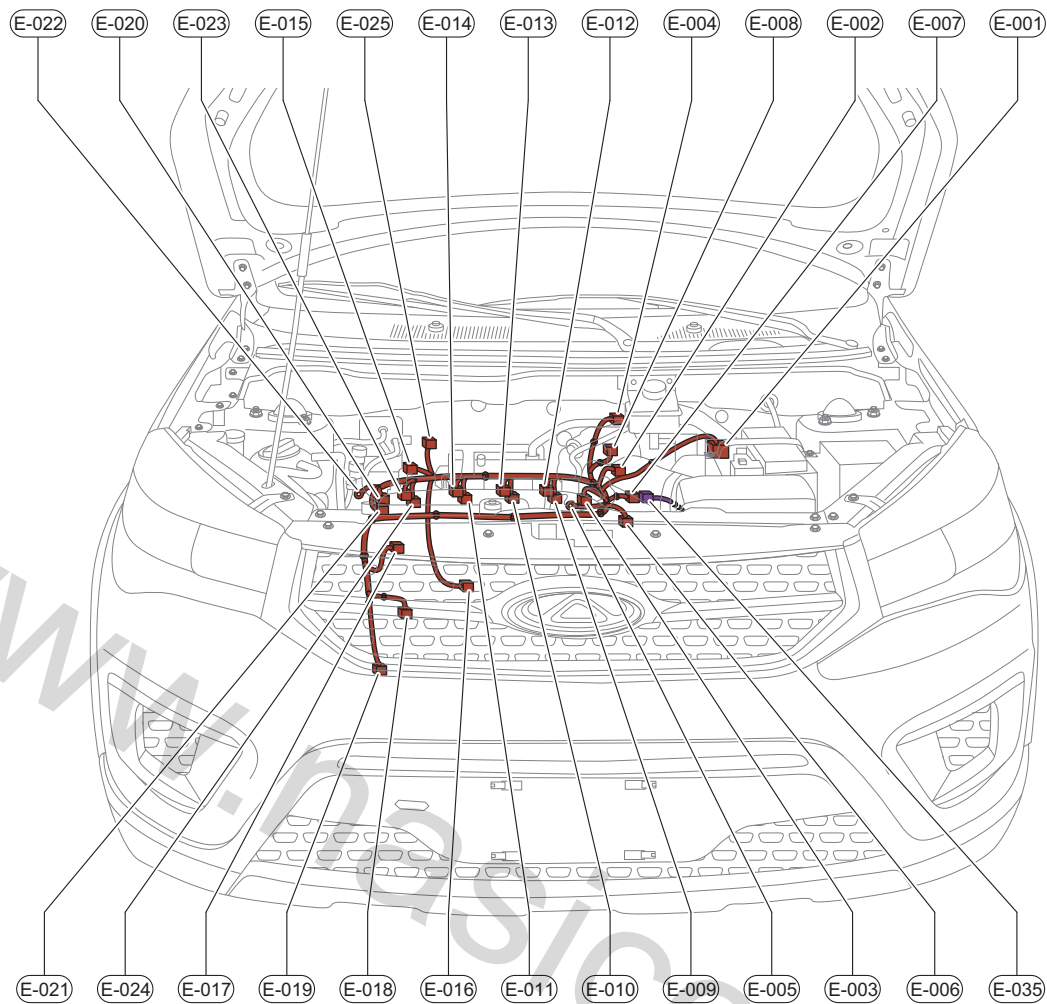
Vehicle Wire Harness Layout

Entire Vehicle Wire Harness Layout



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Engine Wire Harness



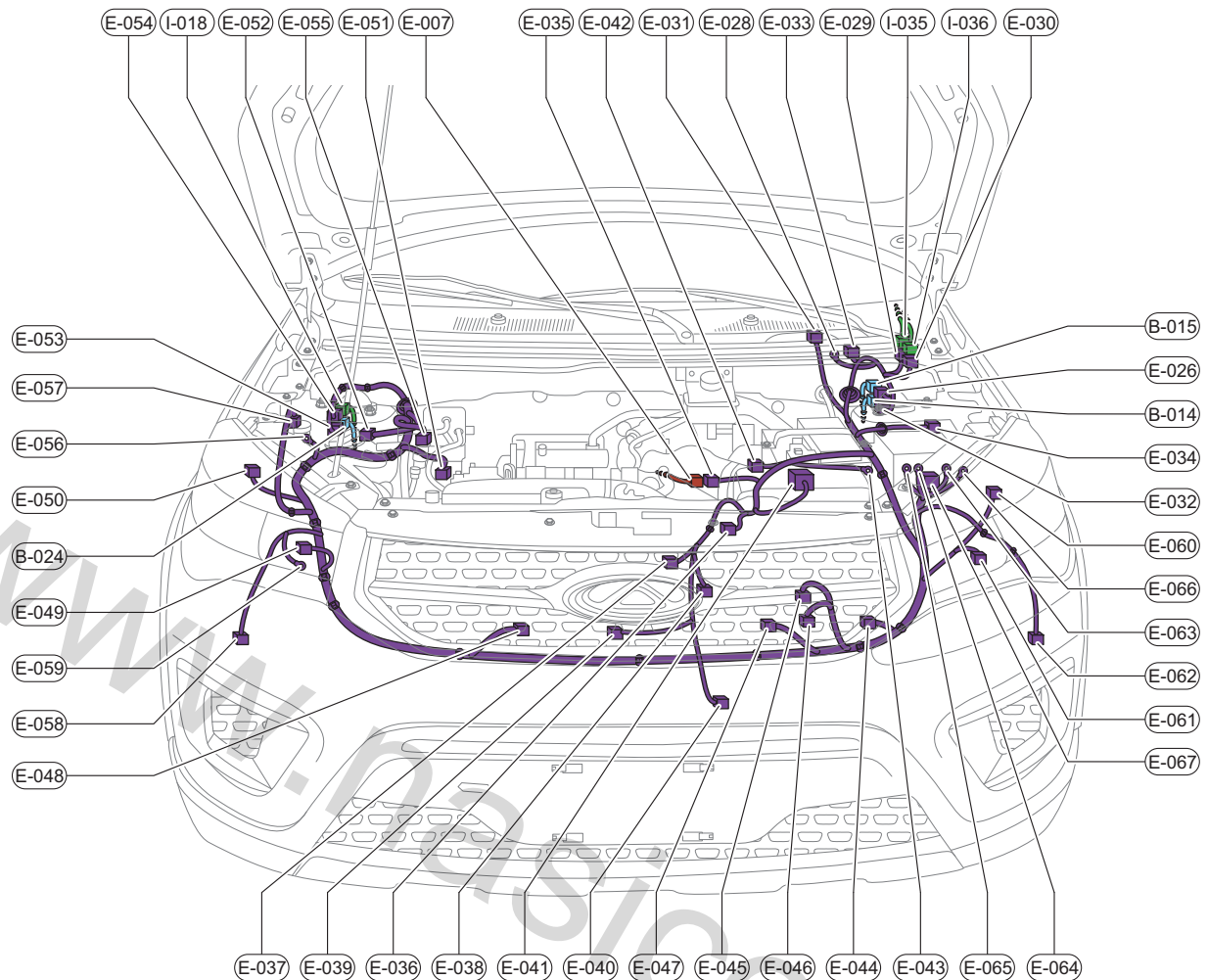
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08

Connector Code	Connector Color/ Terminal No.	Connector Name
E-001	B/56	ECM (B)
E-002	B/6	Exhaust Gas Recirculation Valve
E-003	B/3	Camshaft Position Sensor
E-004	B/2	Brake Fluid Level Sensor (For MT Model)
E-005	-	Ground G003
E-006	B/2	Coolant Temperature Sensor
E-007	B/12	to Engine Compartment Wire Harness E-035
E-008	B/6	Electronic Throttle
E-009	B/2	Injector 4
E-010	B/2	Injector 3
E-011	B/2	Injector 2
E-012	B/3	Ignition Coil 4

Connector Code	Connector Color/ Terminal No.	Connector Name
E-013	B/3	Ignition Coil 3
E-014	B/3	Ignition Coil 2
E-015	B/2	Canister Solenoid Valve
E-016	B/1	Oil Pressure Switch
E-017	B/3	Alternator Signal
E-018	B/2	A/C Compressor Clutch
E-019	B/1	Power Steering Pump
E-020	B/2	Variable Camshaft Timing
E-021	B/3	Knock Sensor
E-022	-	Ground G002
E-023	B/3	Ignition Coil 1
E-024	B/2	Injector 1
E-025	B/4	Intake Pressure/Temperature Sensor

Engine Compartment Wire Harness (For MT Model)



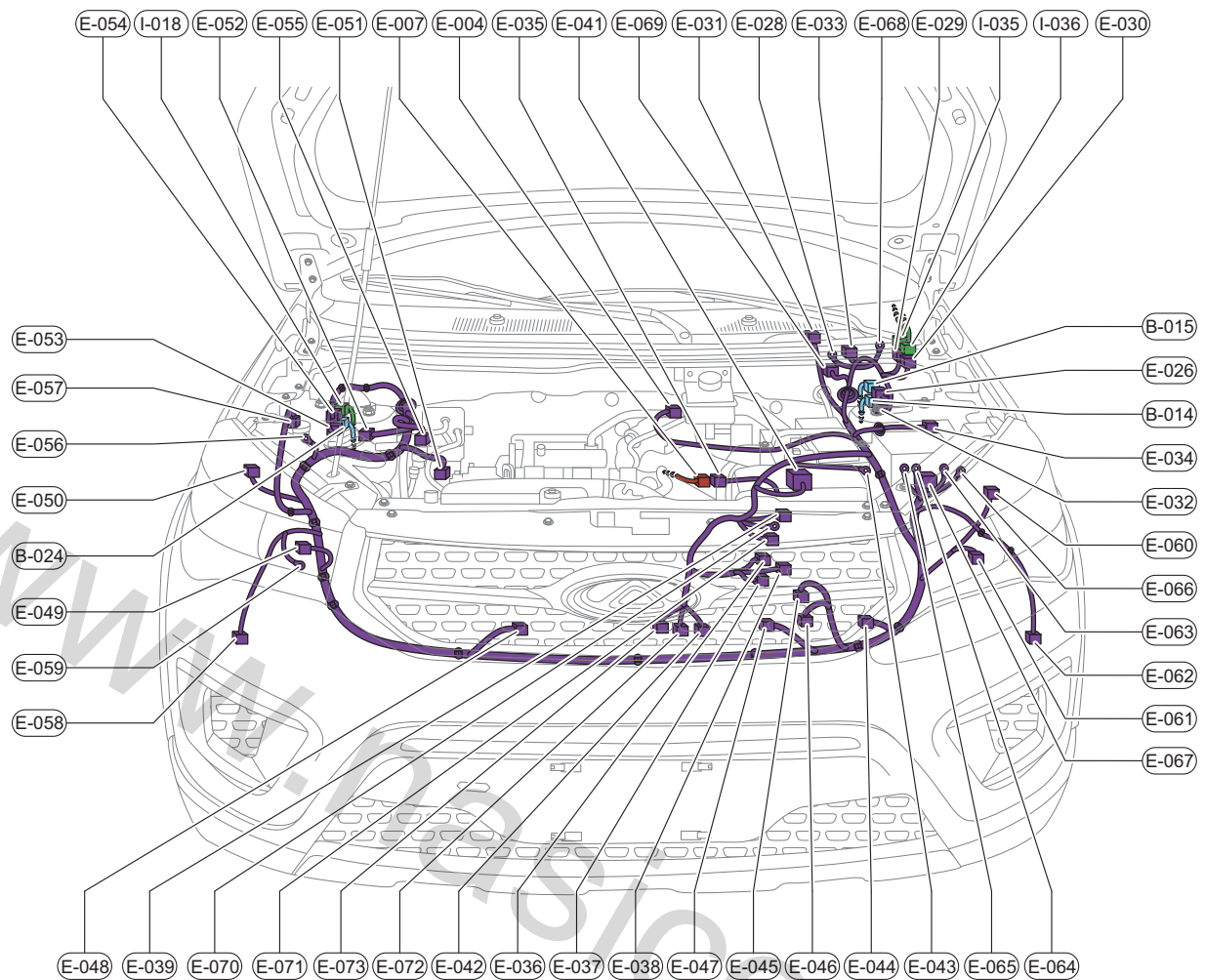
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Connector Code	Connector Color/ Terminal No.	Connector Name
E-026	W/16	to Body Wire Harness Connector B-015
E-028	-	IP Box Power Supply
E-029	W/16	to Instrument Panel Wire Harness Connector I-035
E-030	B/18	to Instrument Panel Wire Harness Connector I-036
E-031	B/5	Wiper Motor
E-032	W/18	to Body Wire Harness Connector B-014
E-033	W/12	BCM (D)
E-034	B/2	Front Left ABS Wheel Speed Sensor
E-035	B/12	to Engine Wire Harness Connector E-007
E-036	Gr/2	Thermostat
E-037	B/4	Upstream Oxygen Sensor
E-038	B/4	Downstream Oxygen Sensor

Connector Code	Connector Color/ Terminal No.	Connector Name
E-039	B/3	Engine Speed Sensor
E-040	B/2	Back-up Light Switch
E-041	B/56	ECM (A)
E-042	B/1	Starter Control
E-043	-	Ground G004
E-044	B/2	Siren
E-045	B/3	Cooling Fan Motor
E-046	B/3	Hood Contact Switch
E-047	Gr/2	High-pitched Horn
E-048	Gr/2	Low-pitched Horn
E-049	B/10	Right Combination Headlight
E-050	B/3	Right Headlight Adjustment Motor
E-051	B/38	ESP
E-052	B/2	Front Right ABS Wheel Speed Sensor
E-053	W/16	to Body Wire Harness Connector B-024
E-054	W/10	to Instrument Panel Wire Harness Connector I-018
E-055	Gr/4	Pressure Switch
E-056	-	ABS Ground G006
E-057	Gr/2	Washer Motor
E-058	B/2	Right Daytime Running Light
E-059	-	Ground G008
E-060	B/3	Left Headlight Adjustment Motor
E-061	B/10	Left Combination Headlight
E-062	B/2	Left Daytime Running Light
E-063	-	IP Box Power Supply
E-064	-	High-speed Fan Power Supply
E-065	-	Low-speed Fan Power Supply
E-066	-	Ground G009
E-067	-	Engine Compartment Fuse and Relay Box

Engine Compartment Wire Harness (For AT Model)



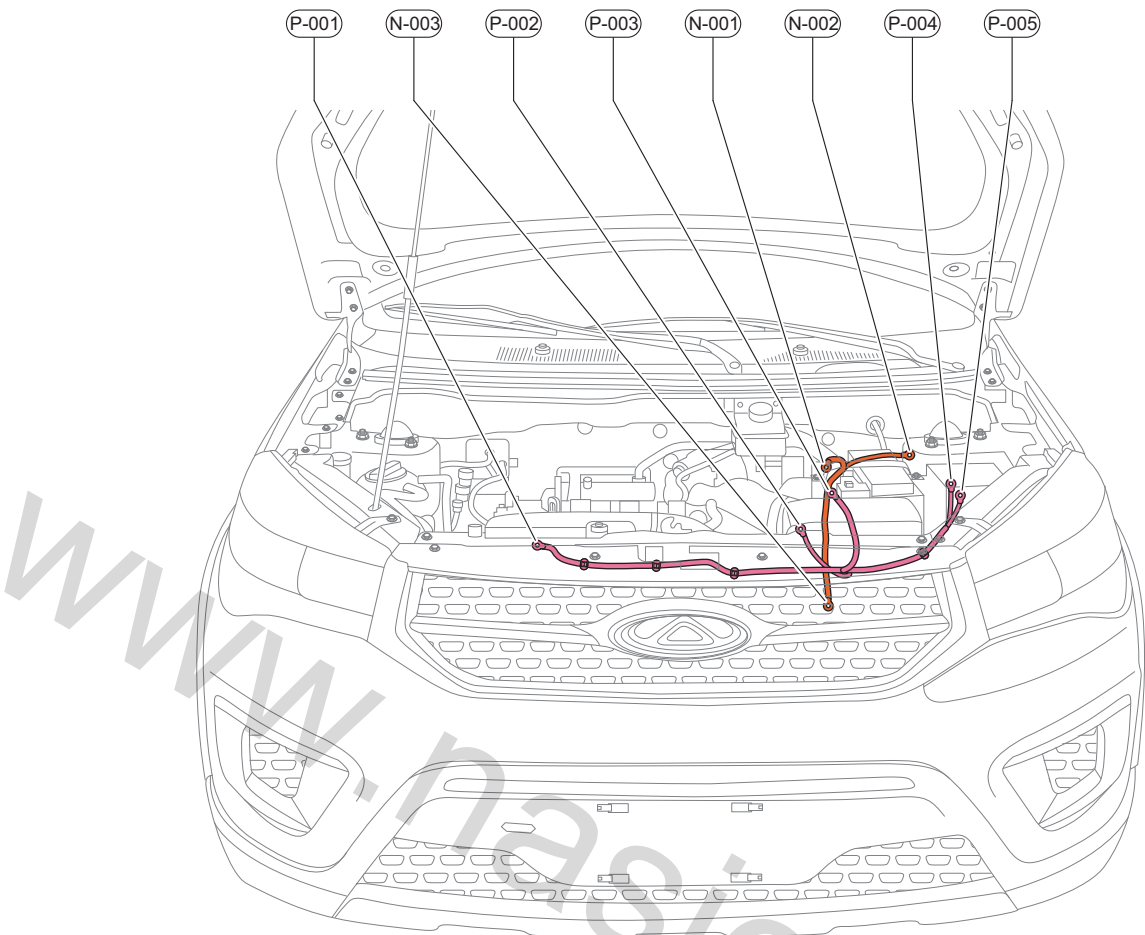
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Connector Code	Connector Color/ Terminal No.	Connector Name
E-004	B/2	Brake Fluid Level Sensor (For AT Model)
E-026	W/16	to Body Wire Harness Connector B-015
E-028	-	IP Box Power Supply
E-029	W/16	to Instrument Panel Wire Harness Connector I-035
E-030	B/18	to Instrument Panel Wire Harness Connector I-036
E-031	B/5	Wiper Motor
E-032	W/18	to Body Wire Harness Connector B-014
E-033	W/12	BCM (D)
E-034	B/2	Front Left ABS Wheel Speed Sensor
E-035	B/12	to Engine Wire Harness Connector E-007
E-036	Gr/2	Thermostat
E-037	B/4	Upstream Oxygen Sensor

Connector Code	Connector Color/ Terminal No.	Connector Name
E-038	B/4	Downstream Oxygen Sensor
E-039	B/3	Engine Speed Sensor
E-041	B/56	ECM (A)
E-042	B/1	Starter Control
E-043	-	Ground G004
E-044	B/2	Siren
E-045	B/3	Cooling Fan Motor
E-046	B/3	Hood Contact Switch
E-047	Gr/2	High-pitched Horn
E-048	Gr/2	Low-pitched Horn
E-049	B/10	Right Combination Headlight
E-050	B/3	Right Headlight Adjustment Motor
E-051	B/38	ESP
E-052	B/2	Front Right ABS Wheel Speed Sensor
E-053	W/16	to Body Wire Harness Connector B-024
E-054	W/10	to Instrument Panel Wire Harness Connector I-018
E-055	Gr/4	Pressure Switch
E-056	-	ABS Ground G006
E-057	Gr/2	Washer Motor
E-058	B/2	Right Daytime Running Light
E-059	-	Ground G008
E-060	B/3	Left Headlight Adjustment Motor
E-061	B/10	Left Combination Headlight
E-062	B/2	Left Daytime Running Light
E-063	-	IP Box Power Supply
E-064	-	High-speed Fan Power Supply
E-065	-	Low-speed Fan Power Supply
E-066	-	Ground G009
E-067	-	Engine Compartment Fuse and Relay Box
E-068	-	Ground G007
E-069	B/48	TCU
E-070	-	Ground G005
E-071	B/3	Turbine Speed Sensor
E-072	Gr/10	Solenoid Valve and Temperature Sensor
E-073	B/10	Gear Range Switch

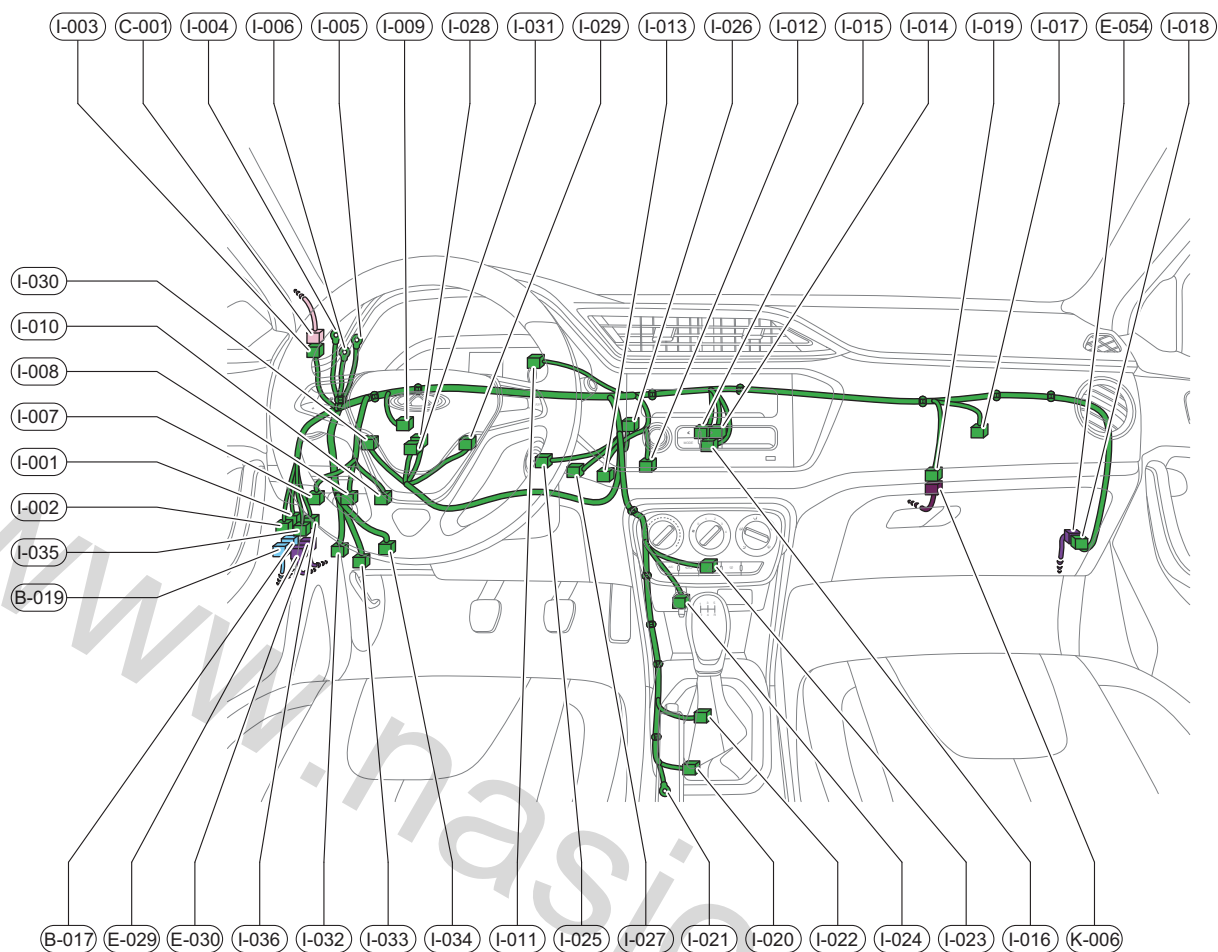
Battery Positive/Negative Wire Harness



EA13T080140

Connector Code	Connector Color/ Terminal No.	Connector Name
P-001	-	Alternator
P-002	-	Starter
P-003	-	Battery Positive
P-004	-	Engine Compartment Fuse and Relay Box
P-005	-	Engine Compartment Fuse and Relay Box - Alternator
N-001	-	Battery Negative
N-002	-	Body Ground
N-003	-	Transmission Ground

Instrument Panel Wire Harness

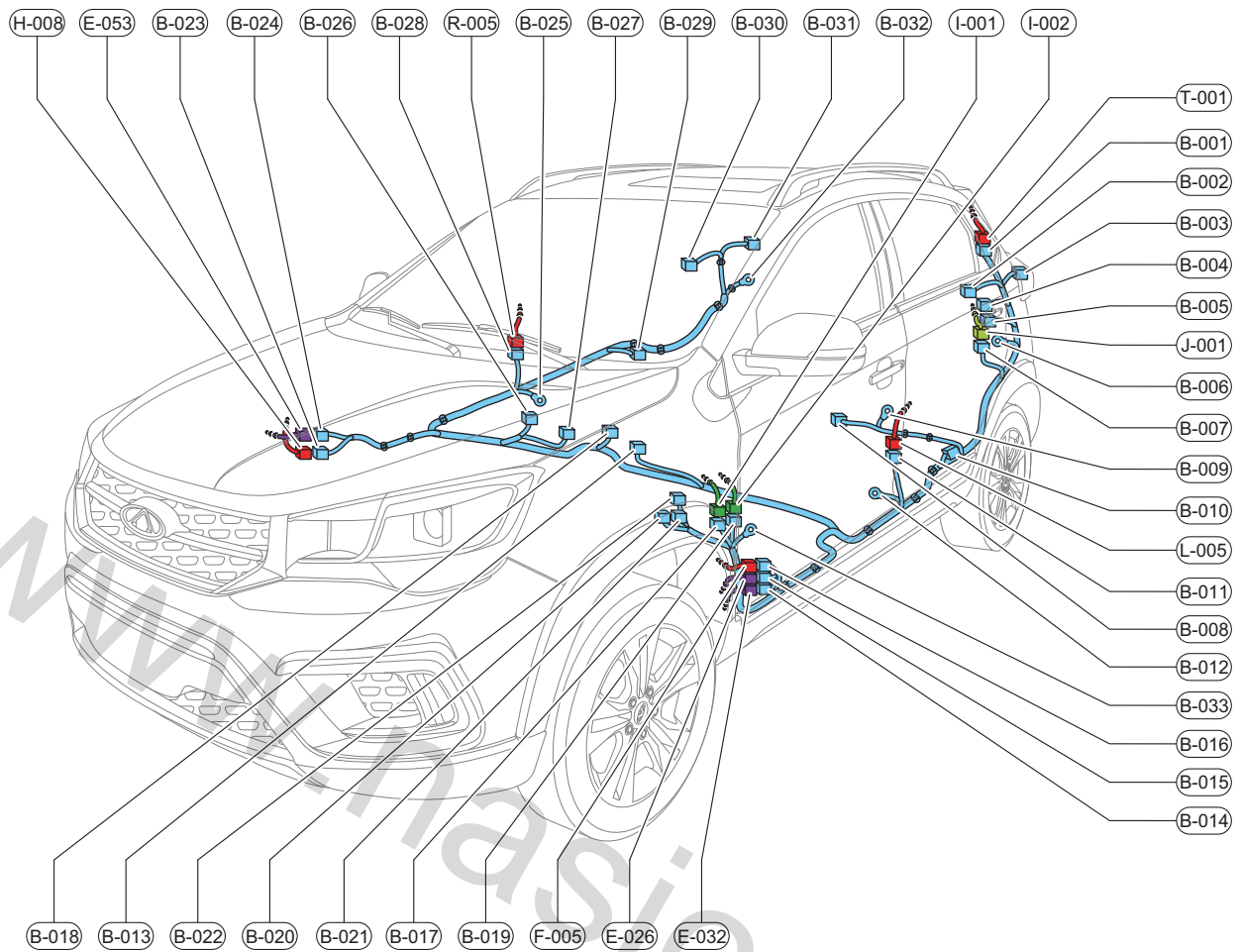


EA13T080040

Connector Code	Connector Color/ Terminal No.	Connector Name
I-001	W/18	to Body Wire Harness Connector B-017
I-002	W/20	to Body Wire Harness Connector B-019
I-003	W/10	to Roof Wire Harness Connector C-001
I-004	-	Ground 1
I-005	-	Ground 2
I-006	-	Ground 3
I-007	W/6	Headlight Adjustment Switch
I-008	B/10	Rear View Mirror Adjustment Switch
I-009	B/2	Clutch Switch
I-010	W/8	ECO Switch (Reserve)
I-011	L/32	Instrument Cluster
I-012	B/6	Electronic Accelerator Pedal

Connector Code	Connector Color/ Terminal No.	Connector Name
I-013	B/4	Brake Switch
I-014	Y/8	Audio (A)
I-015	B/8	Audio (B)
I-016	L/12	Audio (C)
I-017	BYG/2	Front Passenger Airbag
I-018	W/10	to Engine Compartment Wire Harness Connector E-054
I-019	W/15	to A/C wire harness K-006
I-020	Gr/32	SRS Control Module
I-021	-	Ground
I-022	B/11	Command Gear Shift
I-023	B/16	Integrated switch
I-024	W/2	Backup Power Supply
I-025	W/6	Ignition Switch
I-026	W/3	Immobilizer Coil
I-027	W/4	Jiggle Switch
I-028	B/6	Steering Angle Sensor
I-029	B/10	Wiper and Washer Switch
I-030	B/10	Headlight Combination Switch
I-031	W/16	Clock Spring
I-032	-	IP Fuse and Relay Box
I-033	B/16	Diagnostic Interface
I-034	W/24	BCM (B)
I-035	W/16	to Engine Compartment Wire Harness Connector E-029
I-036	B/18	to Engine Compartment Wire Harness Connector E-030

Body Wire Harness

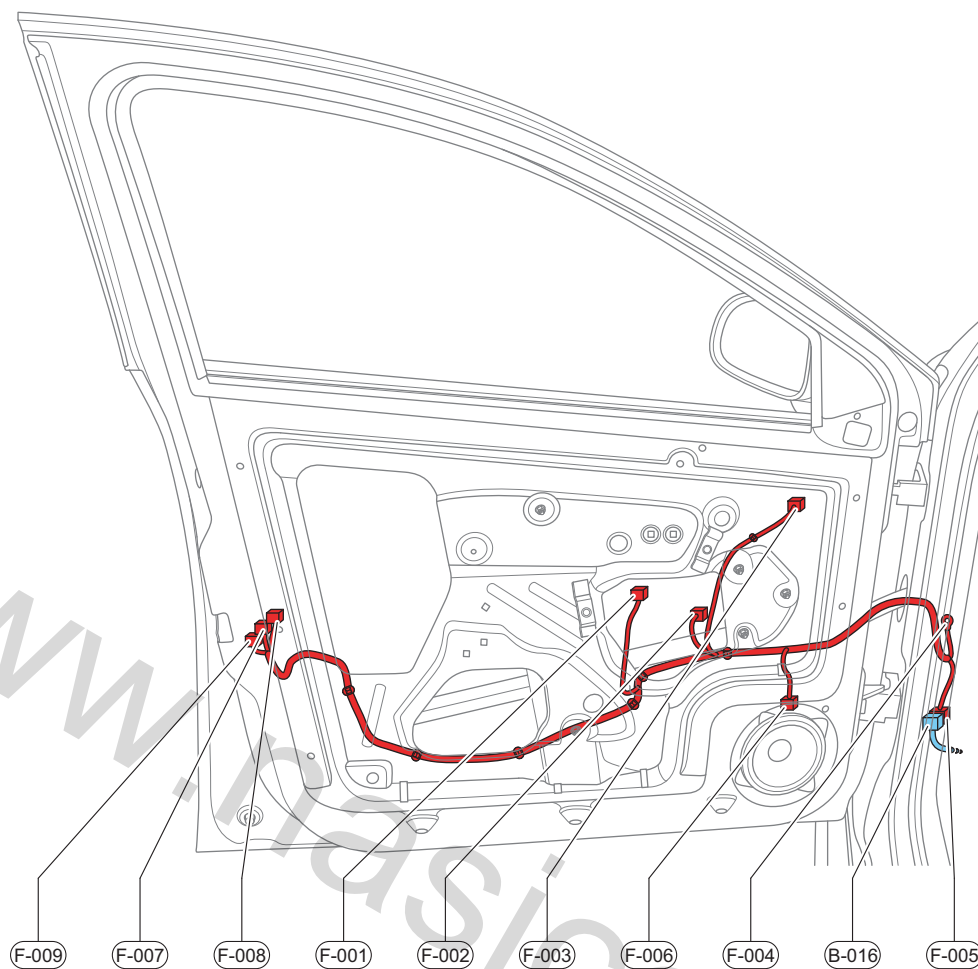


EA13T080050

Connector Code	Connector Color/ Terminal No.	Connector Name
B-001	W/10	to Back Door Wire Harness Connector T-001
B-002	B/2	Rear Left Speaker
B-003	W/6	Rear Left Tail Light
B-004	W/16	Radar Control Module
B-005	B/2	Luggage Compartment Light
B-006	-	Ground G015
B-007	W/14	to Rear bumper wire harness connectors J-001
B-008	B/4	Fuel Pump Motor & Fuel Level Sensor
B-009	-	Ground G014
B-010	W/2	Rear Left ABS Wheel Speed Sensor
B-011	W/10	to Rear Left Door Wire Harness Connector L-005
B-012	-	Ground G016

Connector Code	Connector Color/ Terminal No.	Connector Name
B-013	B/2	Driver Seat Belt Switch
B-014	W/18	to Engine Compartment Wire Harness Connector E-032
B-015	W/16	to Engine Compartment Wire Harness Connector E-026
B-016	W/26	to Front Left Door Wire Harness Connector F-005
B-017	W/18	to Instrument Panel Wire Harness Connector I-001
B-018	W/1	Parking Brake Switch
B-019	W/20	to Instrument Panel Wire Harness Connector I-002
B-020	B/14	BCM (C)
B-021	W/20	BCM (E)
B-022	B/52	BCM (A)
B-023	W/18	to Front Right Door Wire Harness Connector H-008
B-024	W/16	to Engine Compartment Wire Harness Connector E-053
B-025	-	Ground G017
B-026	W/2	Passenger Detection Sensor
B-027	B/2	Front Passenger Seat Belt Switch
B-028	W/10	to Rear Right Door Wire Harness Connector R-005
B-029	W/2	Rear Right ABS Wheel Speed Sensor
B-030	B/2	Rear Right Speaker
B-031	W/6	Rear Right Tail Light
B-032	-	Ground G018
B-033	-	Ground G019

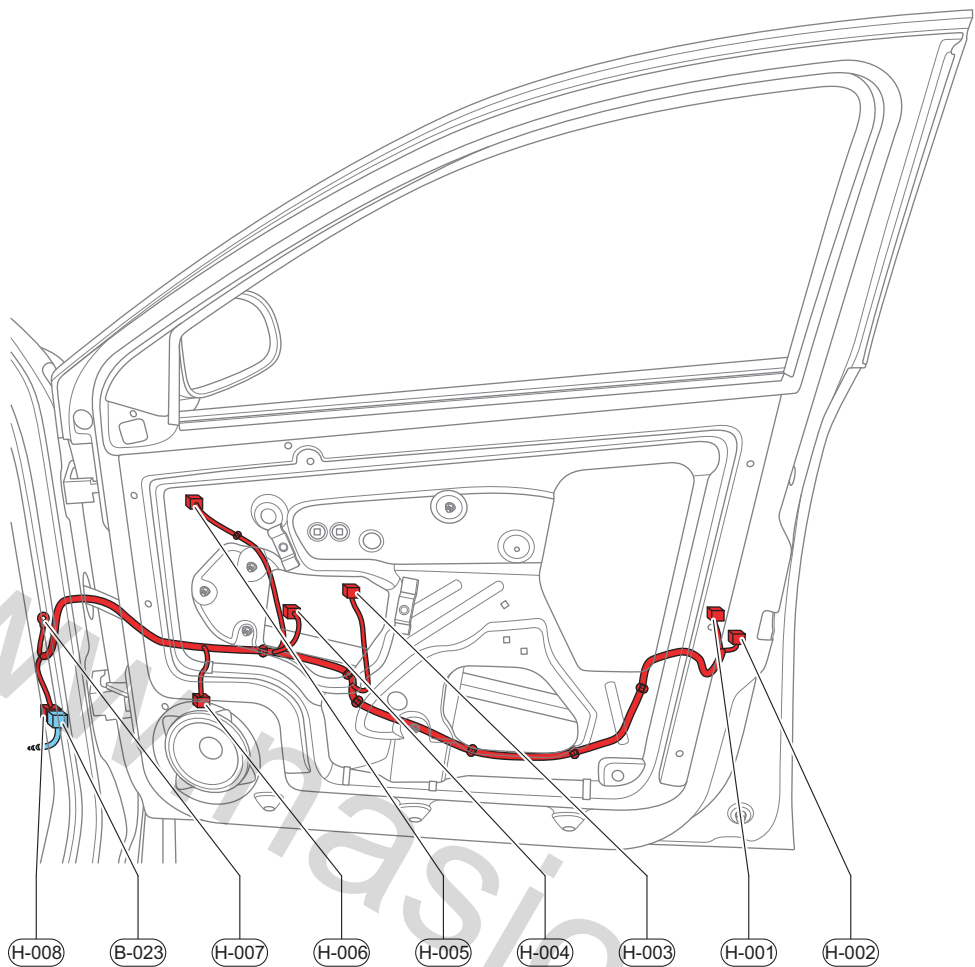
Front Left Door Wire Harness



EA13T080070

Connector Code	Connector Color/ Terminal No.	Connector Name
F-001	Y/16	Front Left Power Window Switch
F-002	Gr/2	Front Left Power Window Regulator Motor
F-003	W/6	Power Rear View Mirror Motor
F-004	-	Ground (1)
F-005	W/26	to Body Wire Harness Connector B-016
F-006	B/2	Front Left Door Speaker
F-007	B/3	Center Control Lock
F-008	B/3	Front Left Door Lock Motor
F-009	B/2	Front Left Door Contact Switch

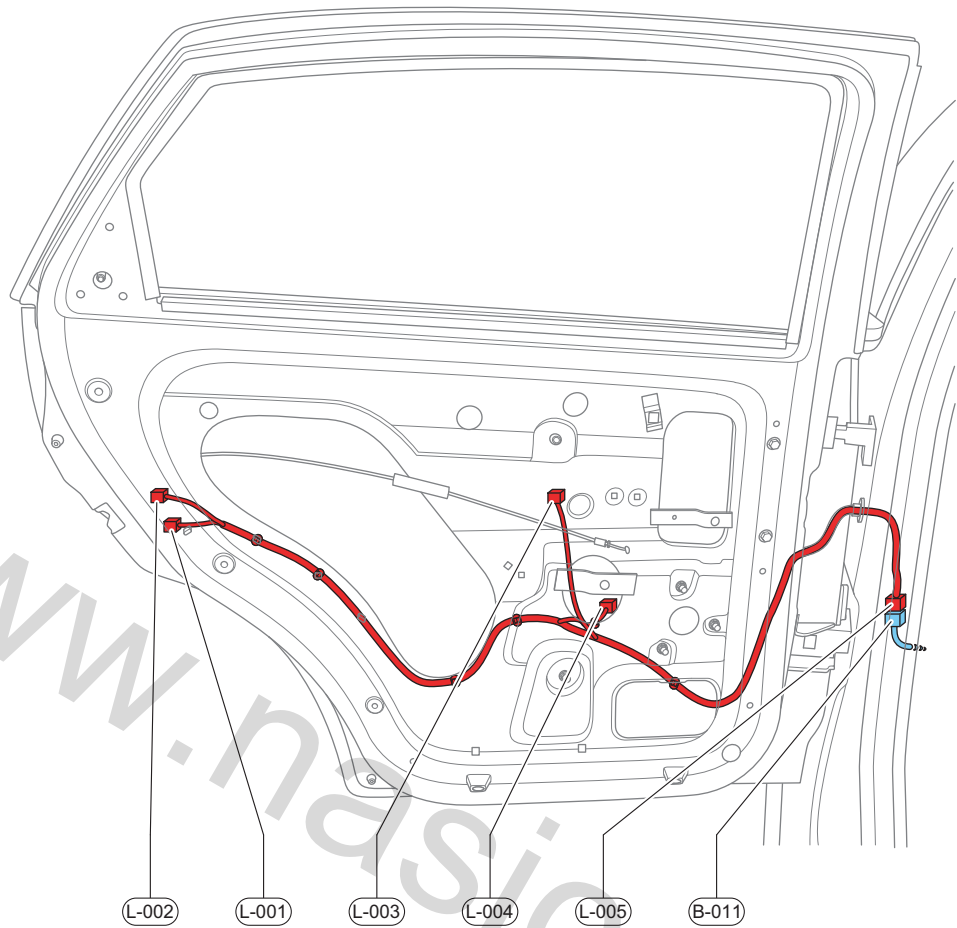
Front Right Door Wire Harness



EA13T080080

Connector Code	Connector Color/ Terminal No.	Connector Name
H-001	B/3	Front Right Door Lock Motor
H-002	B/2	Front Right Door Contact Switch
H-003	L/4	Front Right Power Window Switch
H-004	Gr/2	Front Right Power Window Regulator Motor
H-005	W/6	Power Rear View Mirror Motor
H-006	B/2	Front Right Door Speaker
H-007	-	Ground (1)
H-008	W/18	to Body Wire Harness Connector B-023

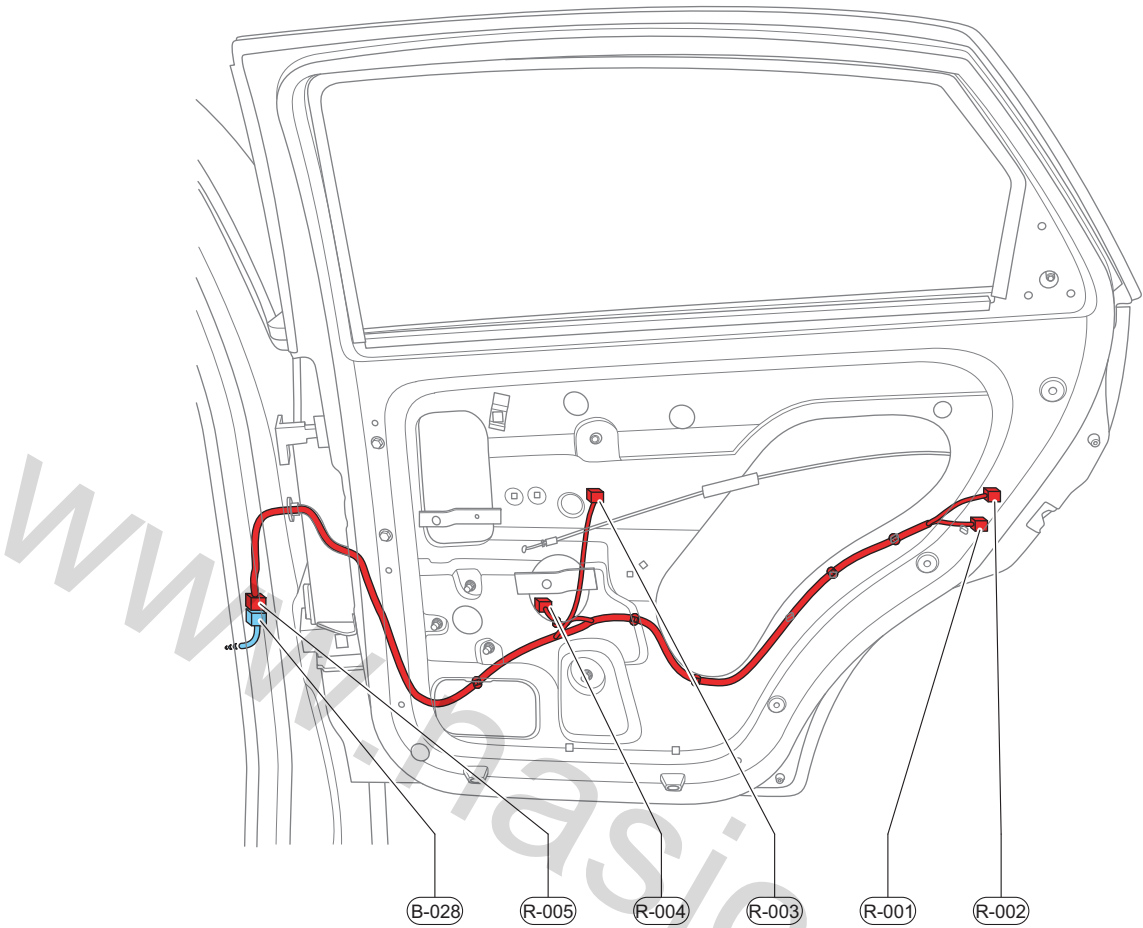
Rear Left Door Wire Harness



EA13T080090

Connector Code	Connector Color/ Terminal No.	Connector Name
L-001	B/2	Rear Left Door Contact Switch
L-002	B/3	Rear Left Door Lock Motor
L-003	Gr/2	Rear Left Power Window Regulator Motor
L-004	L/4	Rear Left Power Window Switch
L-005	W/10	to Body Wire Harness Connector B-011

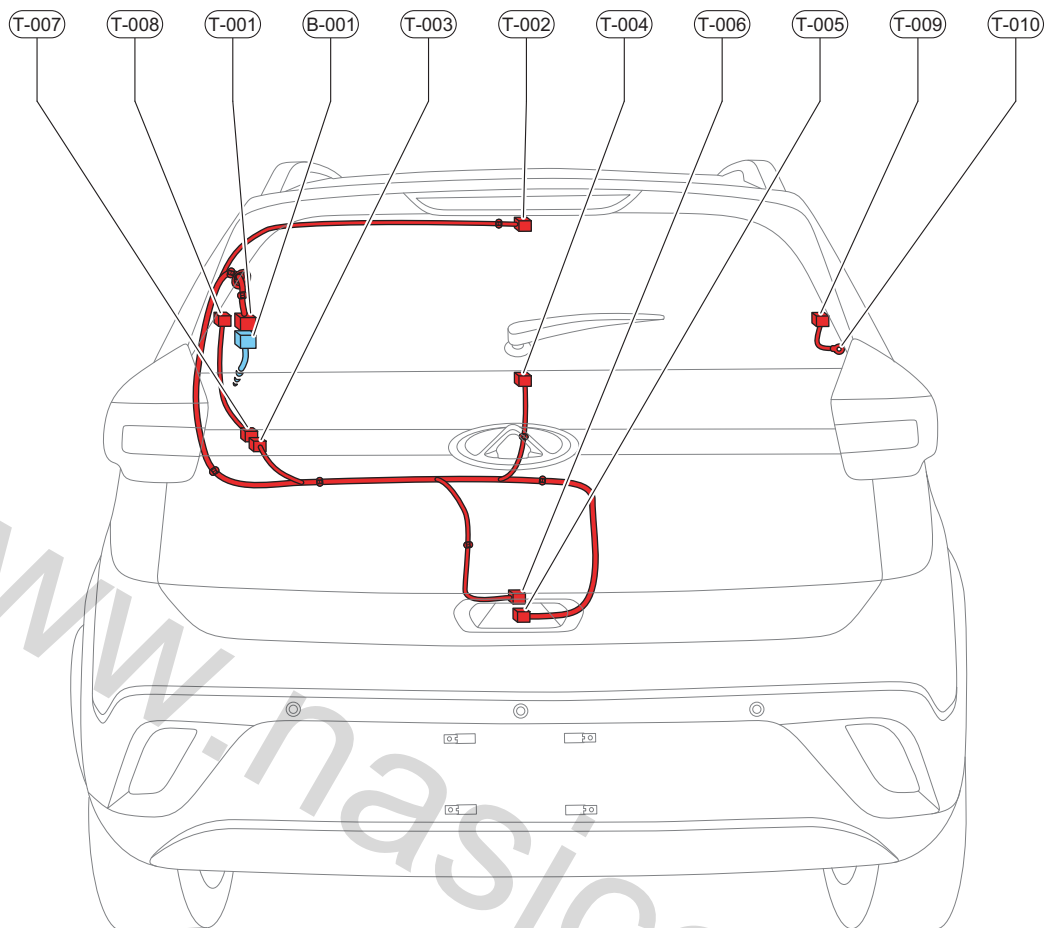
Rear Right Door Wire Harness



EA13T080100

Connector Code	Connector Color/ Terminal No.	Connector Name
R-001	B/2	Rear Right Door Contact Switch
R-002	B/3	Rear Right Door Lock Motor
R-003	Gr/2	Rear Right Power Window Regulator Motor
R-004	L/4	Rear Right Power Window Switch
R-005	W/10	to Body Wire Harness Connector B-028

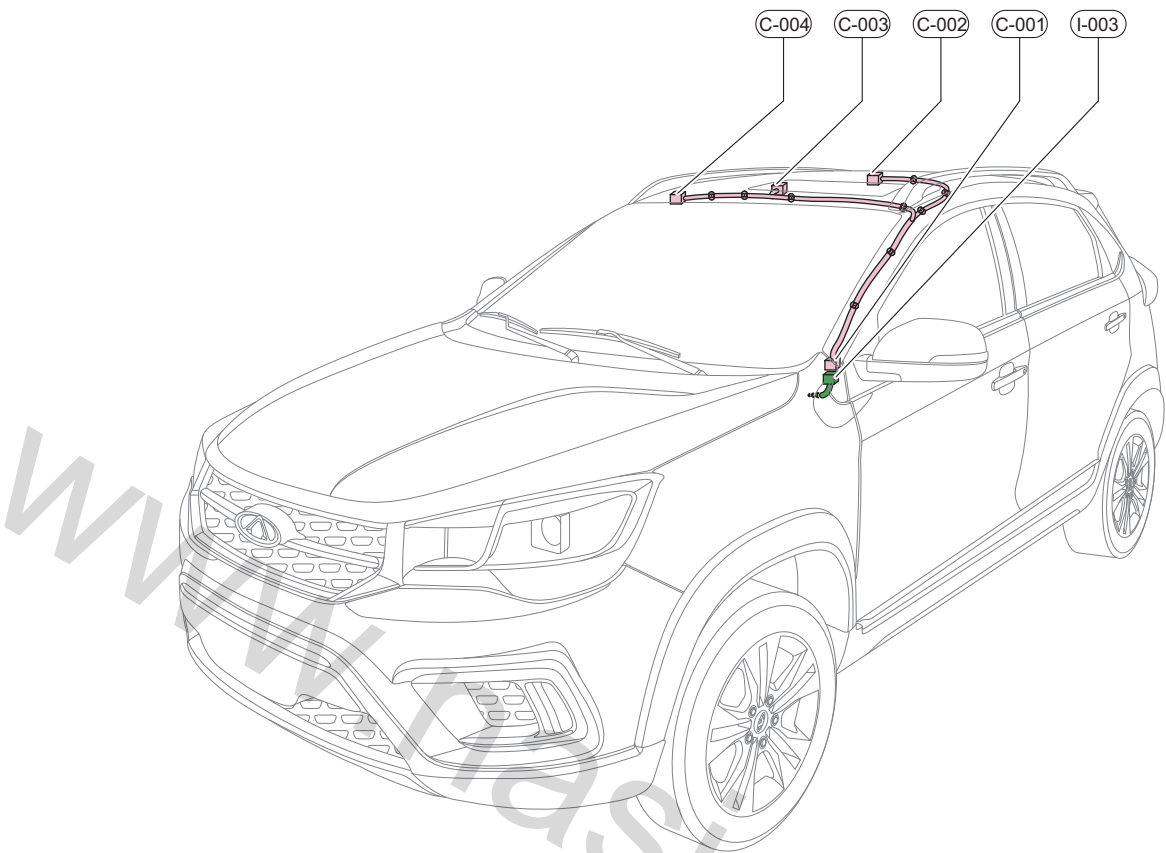
Back Door Wire Harness



EA13T080110

Connector Code	Connector Color/ Terminal No.	Connector Name
T-001	W/10	to Body Wire Harness Connector B-001
T-002	W/2	High Mounted Stop Light
T-003	W/1	to Rear Defroster Positive Wire Harness T-007
T-004	W/3	Rear Wiper Motor
T-005	B/2	Back Door Switch
T-006	B/4	Back Door Lock Motor
T-007	W/1	to Back Door Wire Harness T-003
T-008	B/1	Defroster Positive
T-009	B/1	Defroster Negative
T-010	-	Defroster Ground

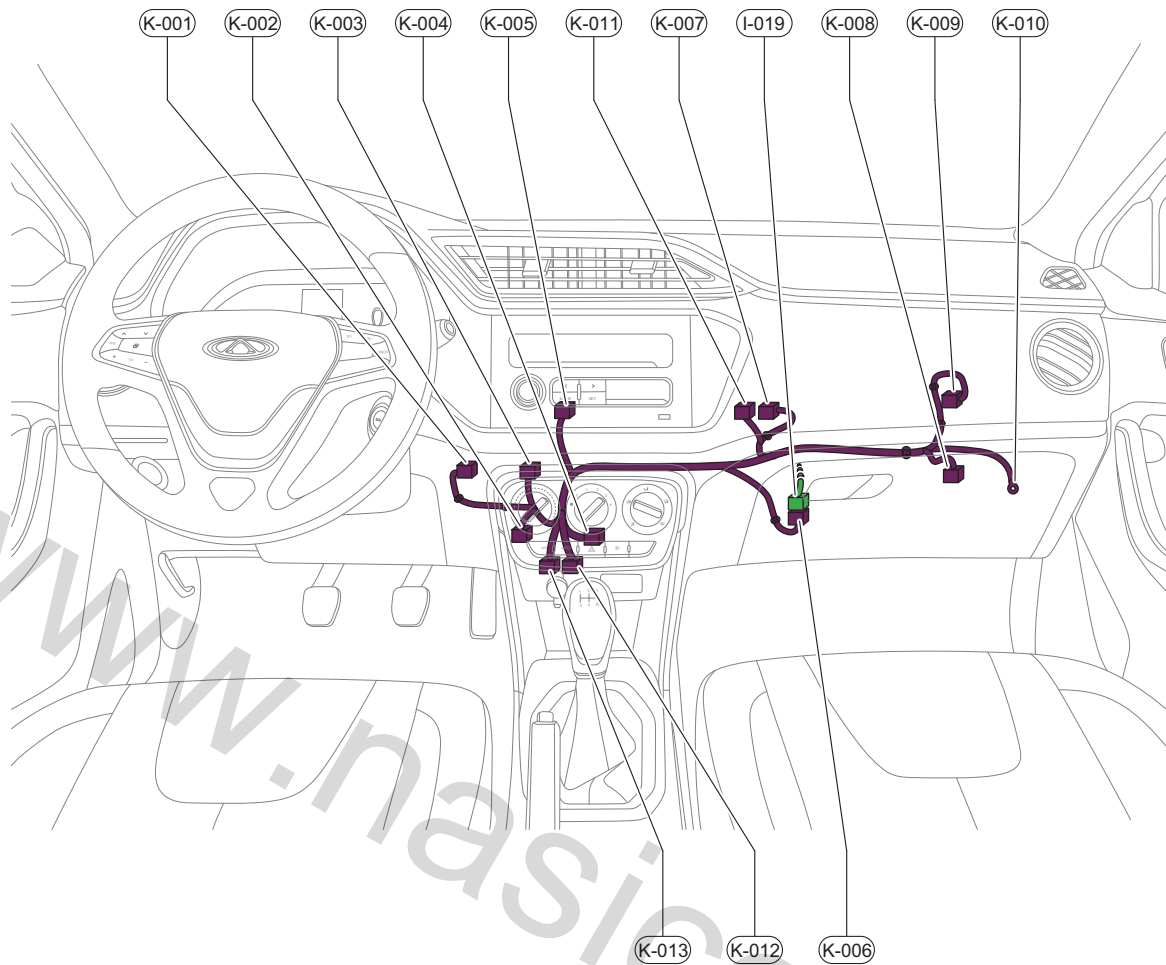
Roof Wire Harness



EA13T080060

Connector Code	Connector Color/ Terminal No.	Connector Name
C-001	W/10	to Instrument Panel Wire Harness Connector I-003
C-002	W/6	Sunroof Module
C-003	W/6	Front Room Light
C-004	W/1	Antenna Amplifier

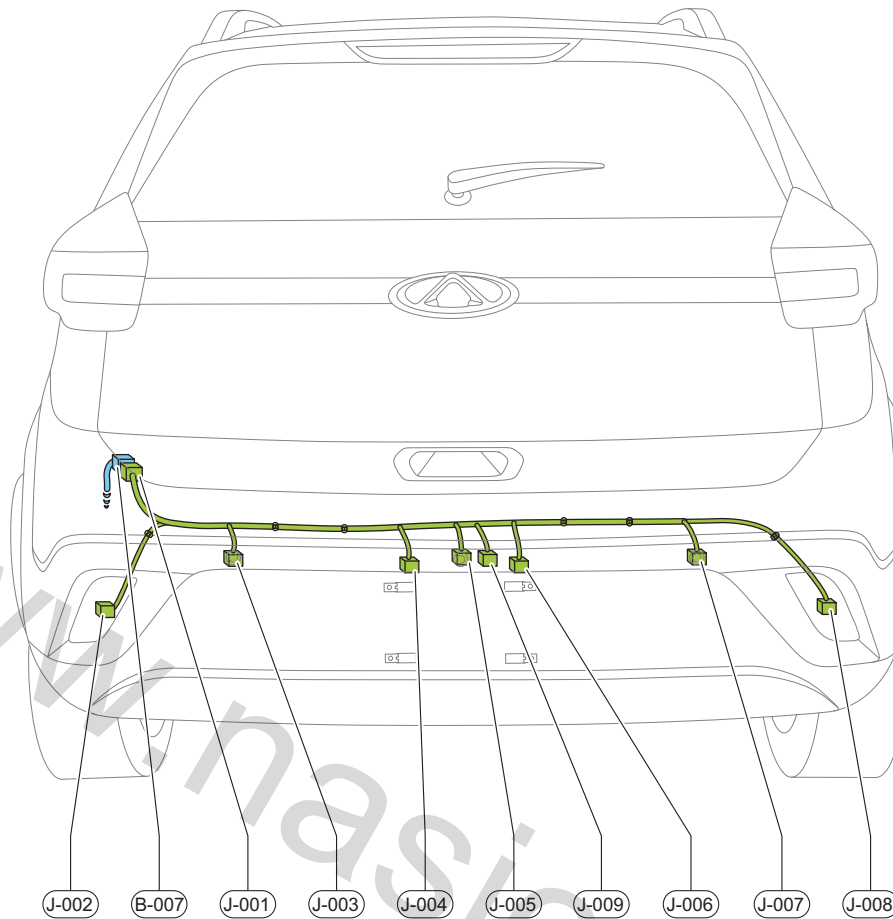
Manual/Electrical A/C Wire Harness



EA13T080120

Connector Code	Connector Color/ Terminal No.	Connector Name
K-001	W/7	Defroster/Foot Flap Actuator
K-002	W/2	Evaporator Temperature Sensor
K-003	W/7	Vent Flap Actuator
K-004	L/32	Electrical A/C Panel
K-005	W/6	Mix Flap Actuator
K-006	W/15	to Instrument Panel Wire Harness Connector I-019
K-007	B/3	Speed Module
K-008	W/2	Blower
K-009	W/7	Inner/Outer Circulation Actuator
K-010	-	Ground
K-011	W/5	Speed Resistor
K-012	W/16	Manual A/C Panel (A)
K-013	W/6	Manual A/C Panel (B)

Rear Bumper Wire Harness



EA13T080130

08

Connector Code	Connector Color/ Terminal No.	Connector Name
J-001	W/14	to Body Wire Harness Connector B-007
J-002	Gr/2	Rear Left Fog Light
J-003	B/3	Left Radar Sensor
J-004	B/2	Left License Plate Light
J-005	B/3	Center Radar Sensor
J-006	B/2	Right License Plate Light
J-007	B/3	Right Radar Sensor
J-008	Gr/2	Rear Right Fog Light
J-009	B/4	Camera

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SYSTEM CIRCUITS

General Information

This section provides information on system circuit diagrams which are very important for troubleshooting electrical problems. When troubleshooting any problem, first understand the operation of the circuit where the problem occurs (refer to "SYSTEM CIRCUITS" or circuit diagrams on each section of relevant service manual).

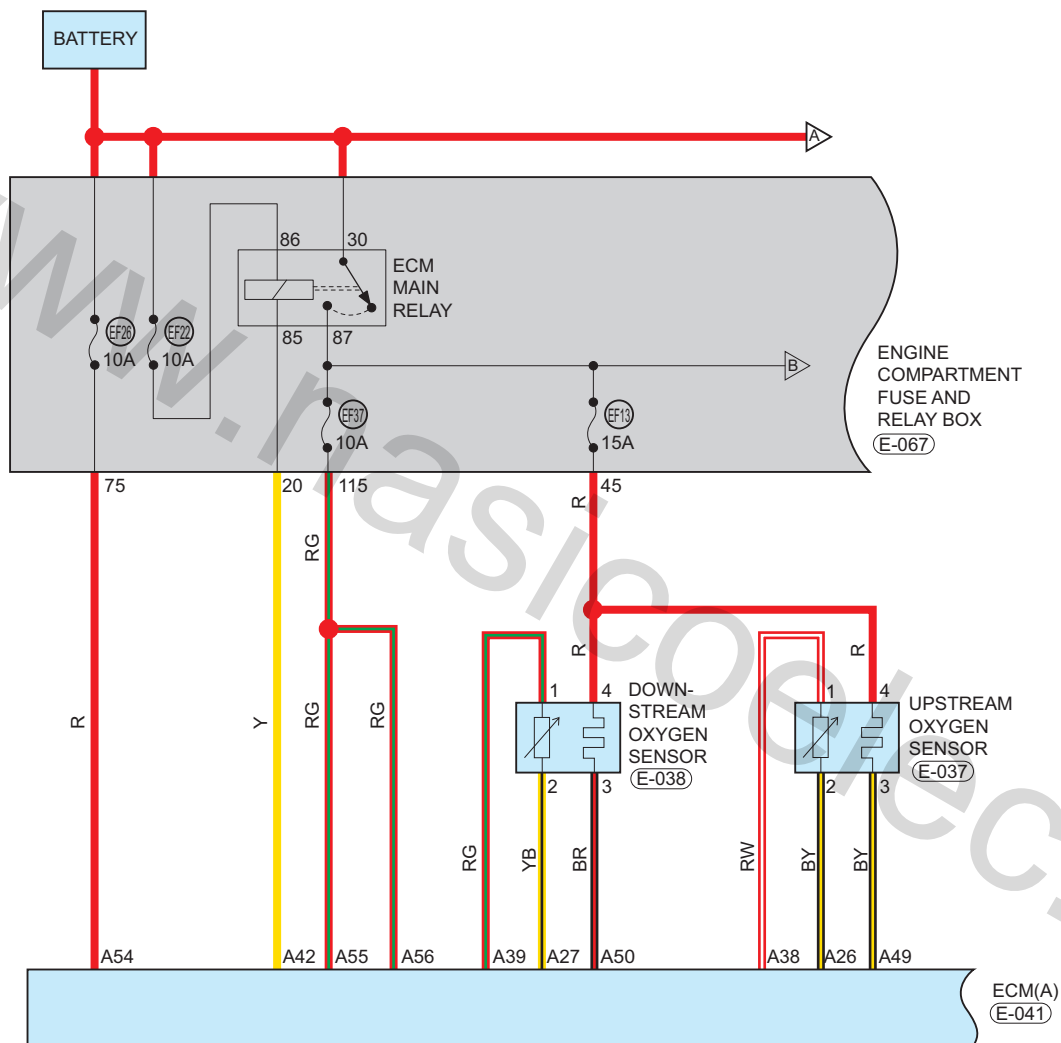
When the circuit operation is understood, troubleshoot the problem circuit to find out the cause. Then use "ELECTRICAL WIRING ROUTING" to find each wire harness, wire harness connectors and ground points of relevant circuit. For specifications or detailed removal & installation procedures, please refer to relevant service manual.

All system circuit diagrams are listed in the order below:

System Circuit Diagram	See Page
SQRD4G15B Engine Management System	09-2
SQRD4G15B Fuel Supply System	09-20
SQRD4G15B Emission Control System	09-24
SQRD4G15B Intake System	09-28
SQRD4G15B Cooling System	09-32
SQRD4G15B Ignition System	09-34
SQRD4G15B Starting System	09-36
SQRD4G15B Charging System	09-40
QR416AHA TCU	09-42
ABS/ESP	09-46
Brake	09-52
Parking Brake	09-54
Air Conditioning System	09-56
Supplemental Restraint System	09-74
Seat Belt	09-76
Engine Immobilizer	09-78
Cruise Control System	09-80
Lighting System	09-84
Wiper and Washer	09-114
Door Lock	09-118
Instrument Cluster	09-124
Audio System	09-128
Reversing Radar System	09-134
Horn	09-136
Backup Power Supply	09-138
Windshield/Window Glass	09-140
Rear View Mirror	09-148
Sunroof	09-150
CAN System	09-152

SQRD4G15B Engine Management System

Circuit Diagram (Page 1 of 9)



EA13T090010

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-038	08-5 (MT) 08-7 (AT)	E-037	08-5 (MT) 08-7 (AT)
E-041	08-5 (MT) 08-7 (AT)				

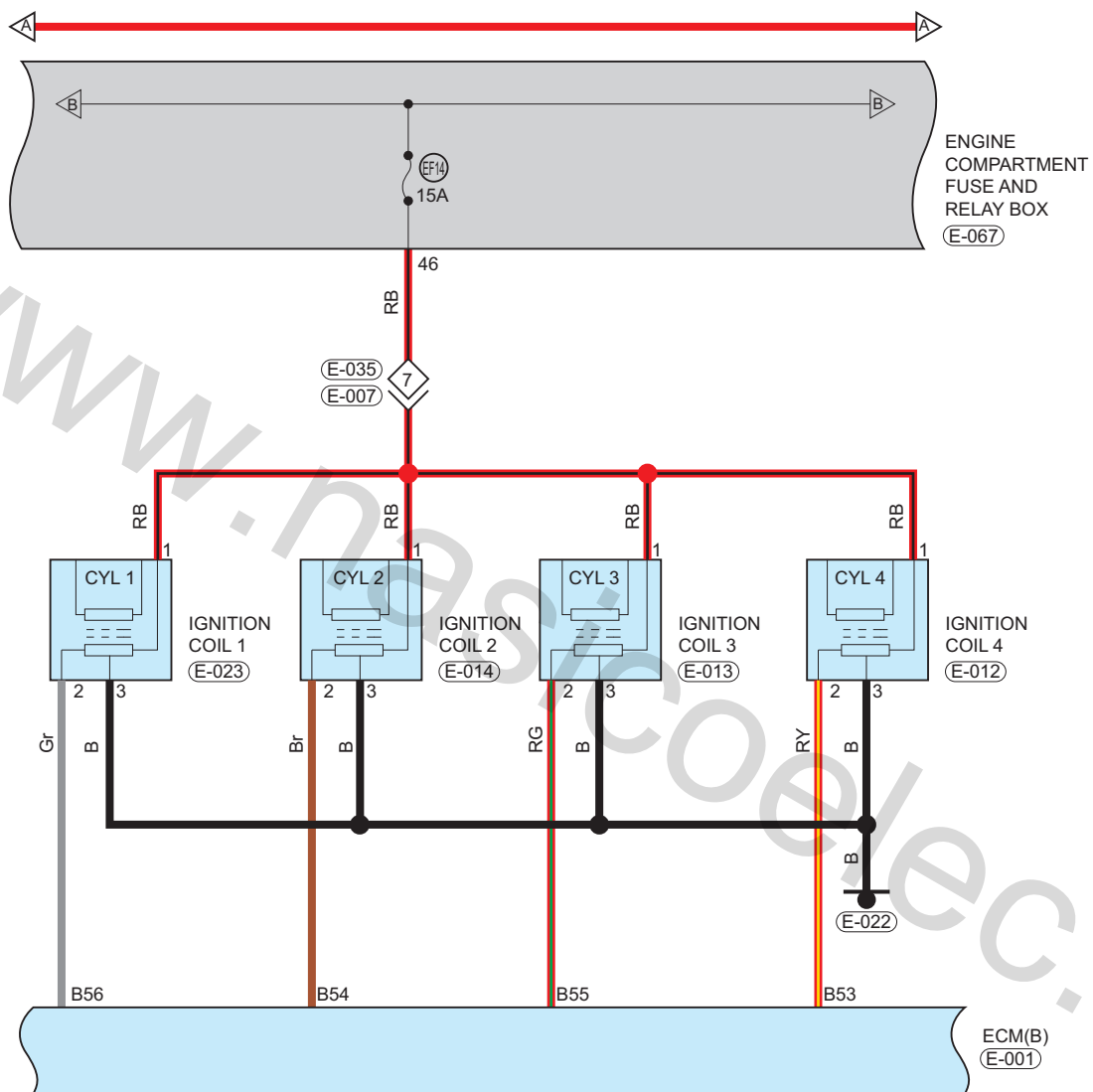
Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF26	06-2	Engine Compartment Fuse and Relay Box
EF22	06-2	Engine Compartment Fuse and Relay Box
EF37	06-2	Engine Compartment Fuse and Relay Box
EF13	06-2	Engine Compartment Fuse and Relay Box
ECM Main Relay	06-2	Engine Compartment Fuse and Relay Box

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-038	12-4	E-037	12-4
E-041	12-4				

Circuit Diagram (Page 2 of 9)



EA13T090020

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-023	08-3	E-014	08-3
E-013	08-3	E-012	08-3	E-022	08-3
E-001	08-3				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF14	06-2	Engine Compartment Fuse and Relay Box

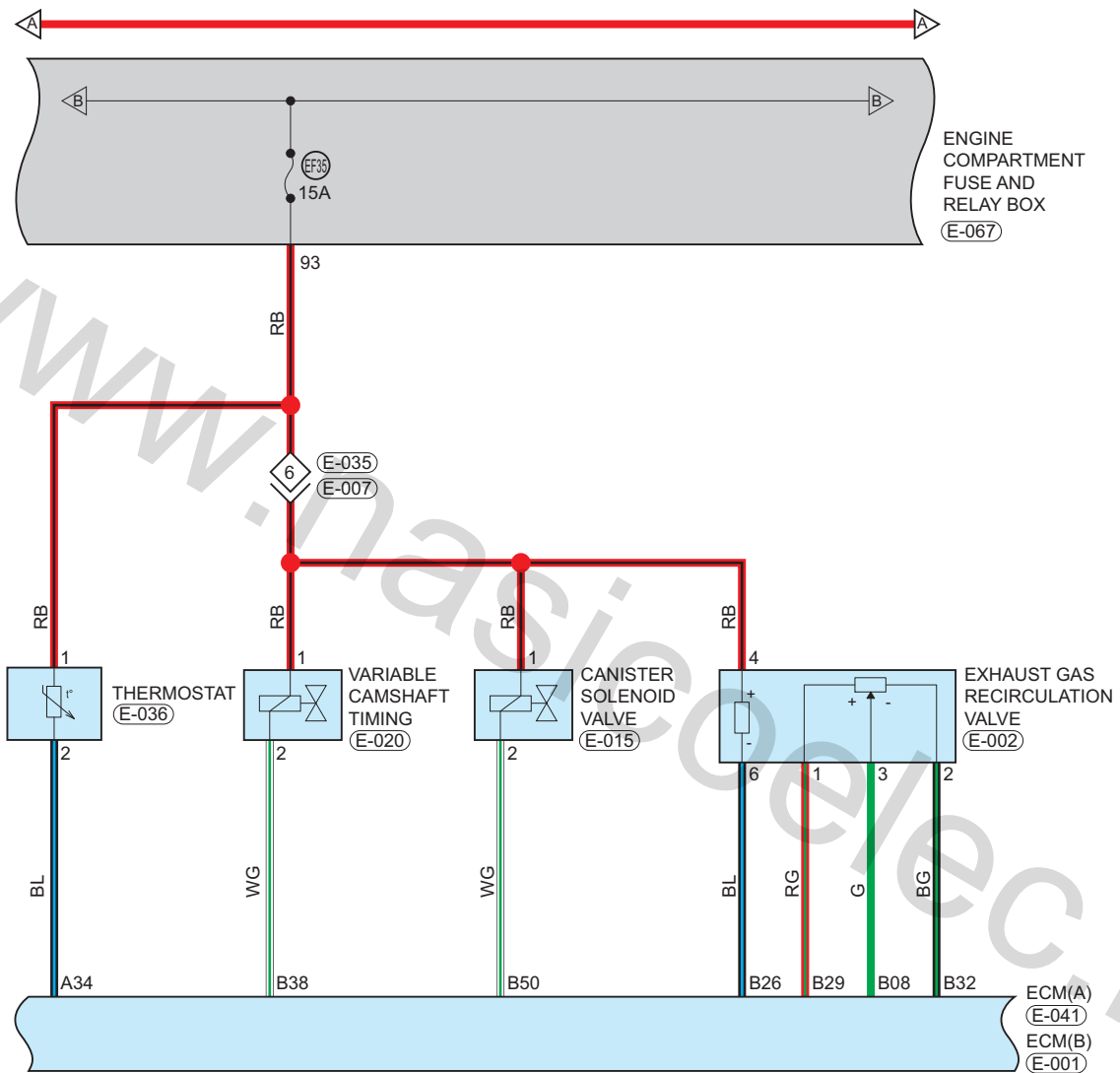
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-023	12-3	E-014	12-2
E-013	12-2	E-012	12-2	E-022	12-3
E-001	12-2	E-035, E-007	12-4		

Circuit Diagram (Page 3 of 9)



EA13T090030

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-036	08-5 (MT) 08-7 (AT)	E-020	08-3
E-015	08-3	E-002	08-3	E-041	08-5 (MT) 08-7 (AT)
E-001	08-3				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF35	06-2	Engine Compartment Fuse and Relay Box

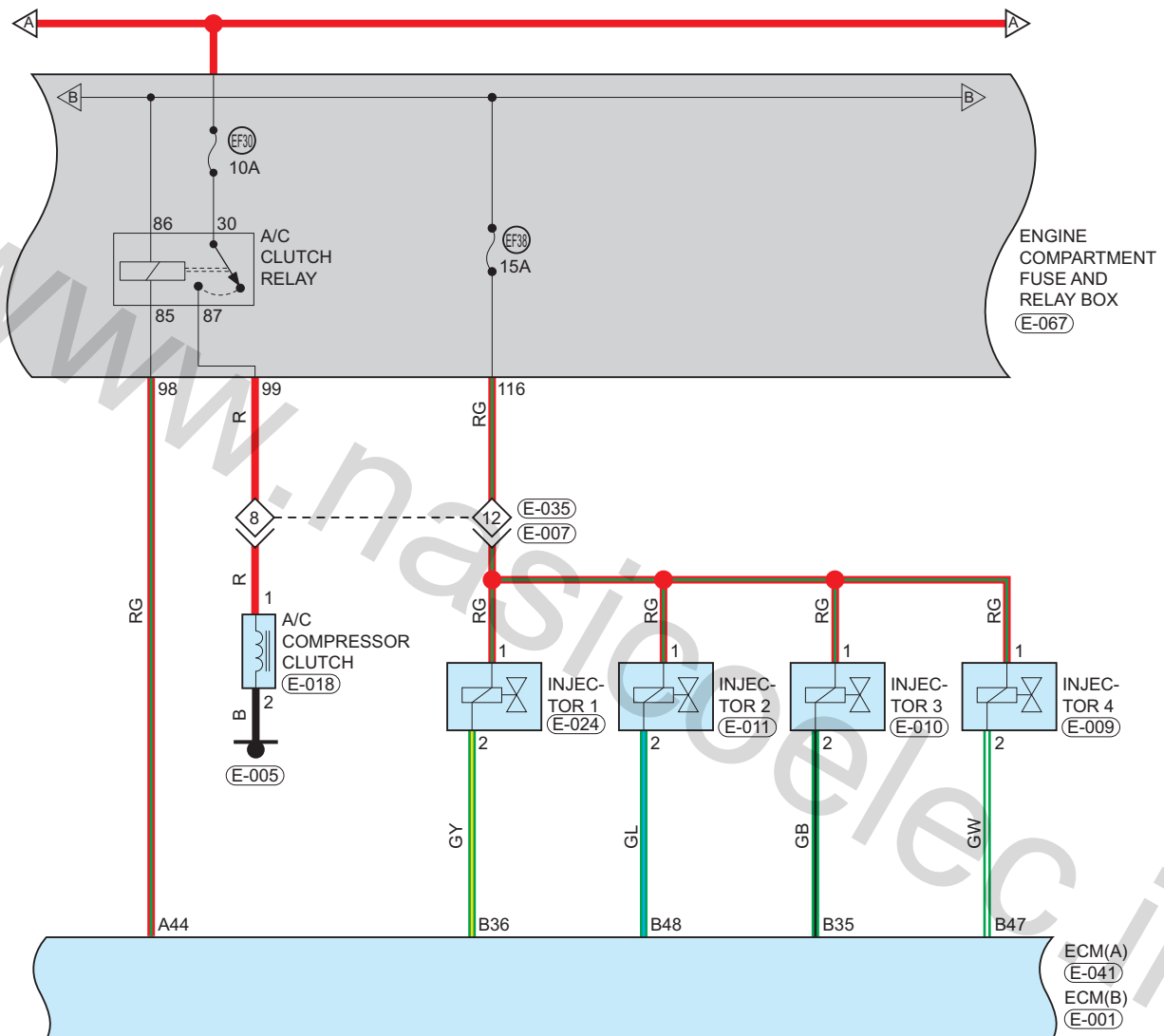
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-036	12-4	E-020	12-3
E-015	12-2	E-002	12-2	E-041	12-4
E-001	12-2	E-035, E-007	12-4		

Circuit Diagram (Page 4 of 9)



EA13T090040

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-018	08-3	E-005	08-3
E-024	08-3	E-011	08-3	E-010	08-3
E-009	08-3	E-041	08-5 (MT) 08-7 (AT)	E-001	08-3

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF30	06-2	Engine Compartment Fuse and Relay Box
EF38	06-2	Engine Compartment Fuse and Relay Box
A/C Clutch Relay	06-2	Engine Compartment Fuse and Relay Box

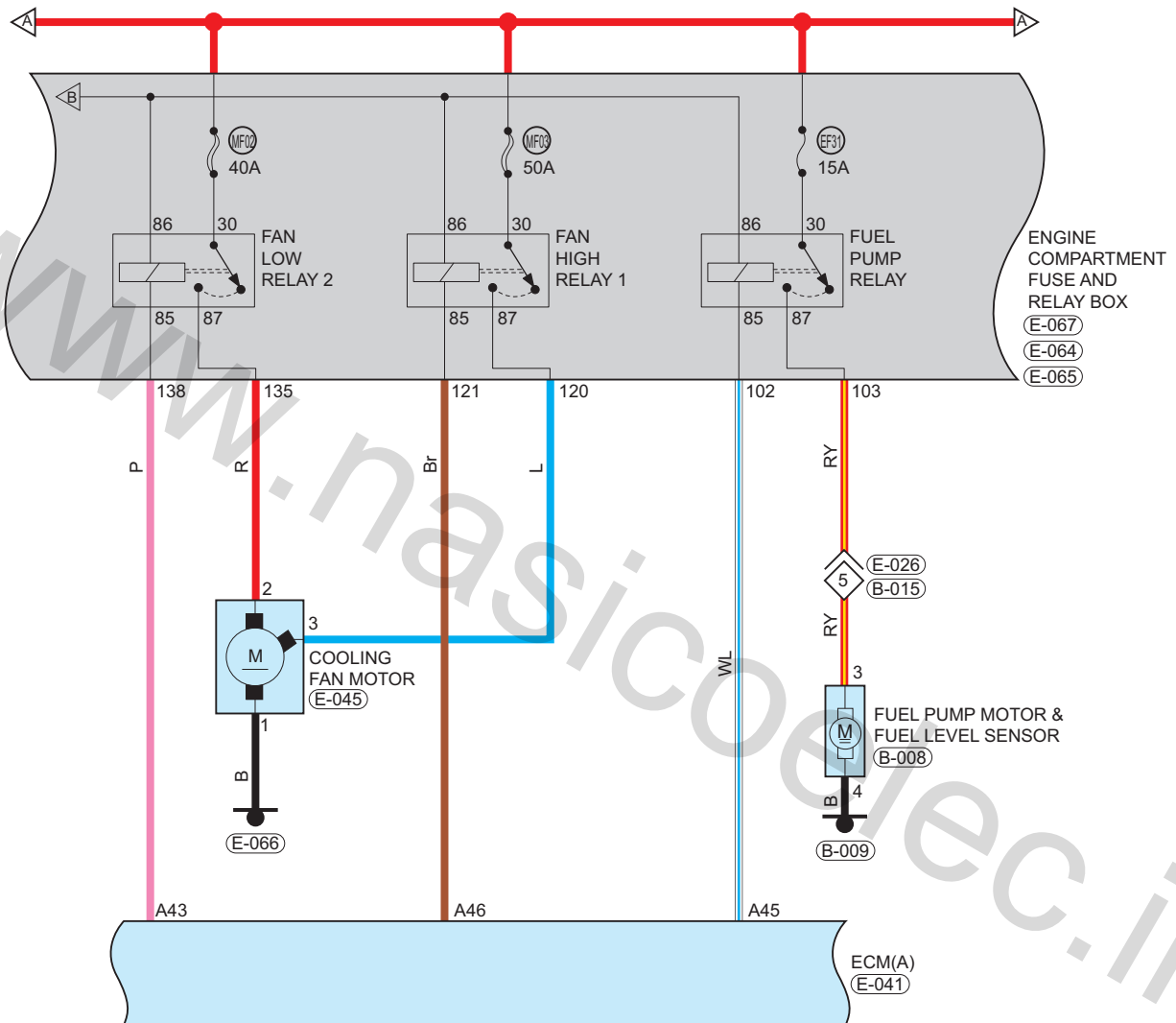
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-018	12-3	E-005	12-2
E-024	12-3	E-011	12-2	E-010	12-2
E-009	12-2	E-041	12-4	E-001	12-2
E-035, E-007	12-4				

Circuit Diagram (Page 5 of 9)



EA13T090050

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-064	08-5 (MT) 08-7 (AT)	E-065	08-5 (MT) 08-7 (AT)
E-045	08-5 (MT) 08-7 (AT)	E-066	08-5 (MT) 08-7 (AT)	E-041	08-5 (MT) 08-7 (AT)
B-008	08-12	B-009	08-12		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
MF02	06-2	Engine Compartment Fuse and Relay Box
MF03	06-2	Engine Compartment Fuse and Relay Box
EF31	06-2	Engine Compartment Fuse and Relay Box
Fan Low Relay	06-2	Engine Compartment Fuse and Relay Box
Fan High Relay	06-2	Engine Compartment Fuse and Relay Box
Fuel Pump Relay	06-2	Engine Compartment Fuse and Relay Box

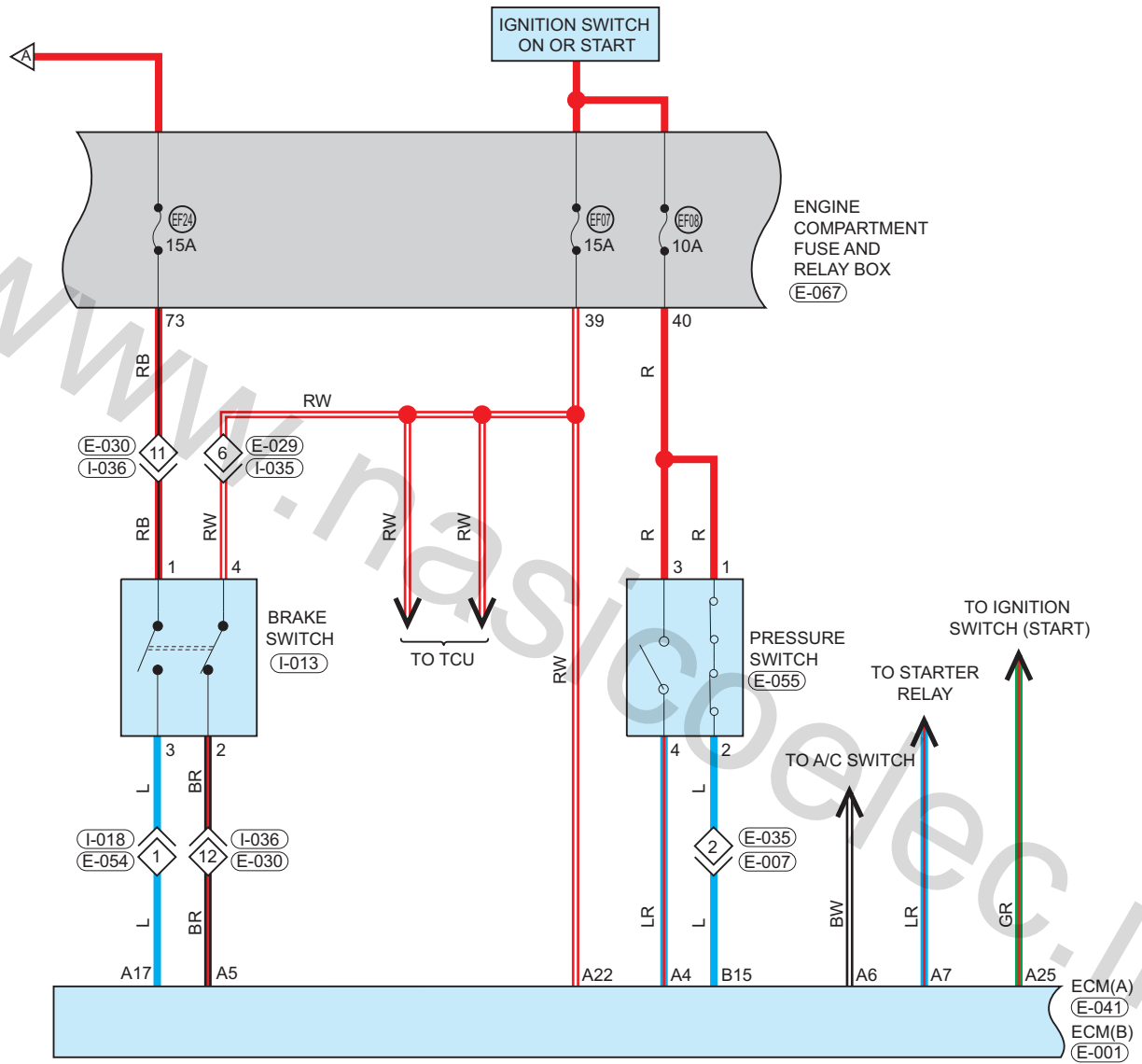
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-064	12-5	E-065	12-5
E-045	12-4	E-066	12-5	E-041	12-4
B-008	12-10	B-009	12-10	E-026, B-015	12-3

Circuit Diagram (Page 6 of 9)



EA13T090060

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	I-013	08-10	E-055	08-5 (MT) 08-7 (AT)
E-041	08-5 (MT) 08-7 (AT)	E-001	08-3		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF24	06-2	Engine Compartment Fuse and Relay Box
EF07	06-2	Engine Compartment Fuse and Relay Box
EF08	06-2	Engine Compartment Fuse and Relay Box

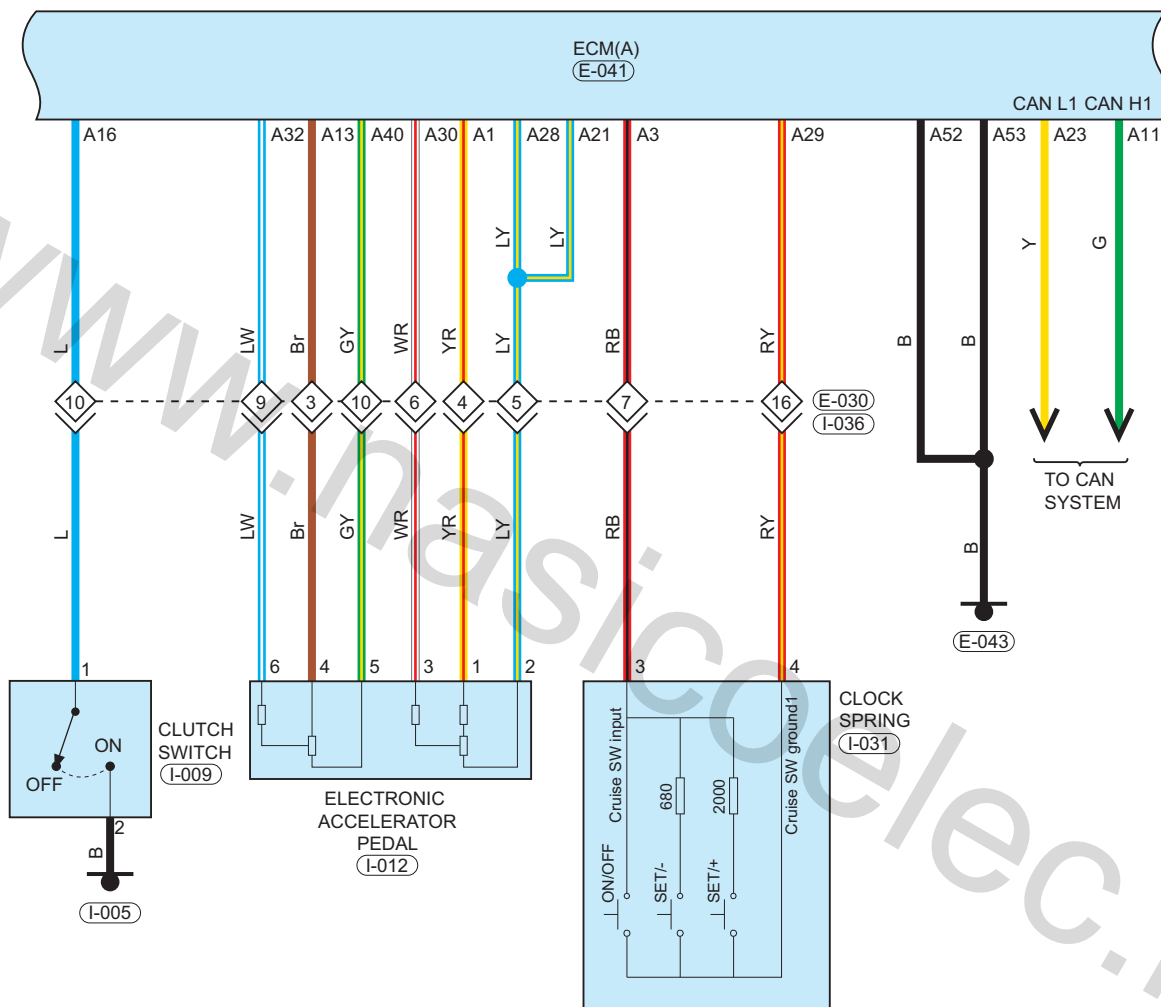
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-030, I-036	08-5, 08-10 (MT) 08-7, 08-10 (AT)	E-029, I-035	08-5, 08-10 (MT) 08-7, 08-10 (AT)	I-018, E-054	08-10, 08-5 (MT) 08-10, 08-7 (AT)
E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	I-013	12-7	E-055	12-5
E-041	12-4	E-001	12-2	E-035, E-007	12-4
E-030, I-036	12-3	E-029, I-035	12-3	I-018, E-054	12-8

Circuit Diagram (Page 7 of 9)



EA13T090070

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-041	08-5 (MT) 08-7 (AT)	I-005	08-10	I-009	08-10
I-012	08-10	I-031	08-10	E-043	08-5 (MT) 08-7 (AT)

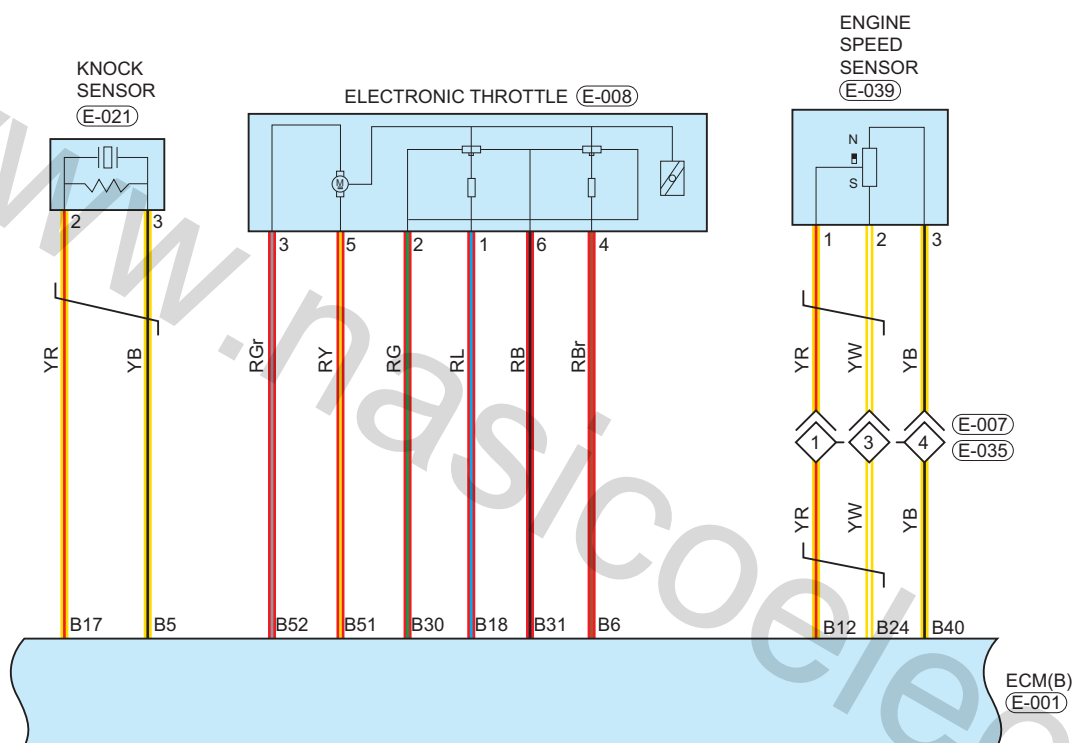
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-030, I-036	08-5, 08-10 (MT) 08-7, 08-10 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-041	12-4	I-005	12-7	I-009	12-7
I-012	12-7	I-031	12-8	E-043	12-4
E-030, I-036	12-3				

Circuit Diagram (Page 8 of 9)



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EA13T090080

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-001	08-3	E-021	08-3	E-008	08-3
E-039	08-5 (MT) 08-7 (AT)				

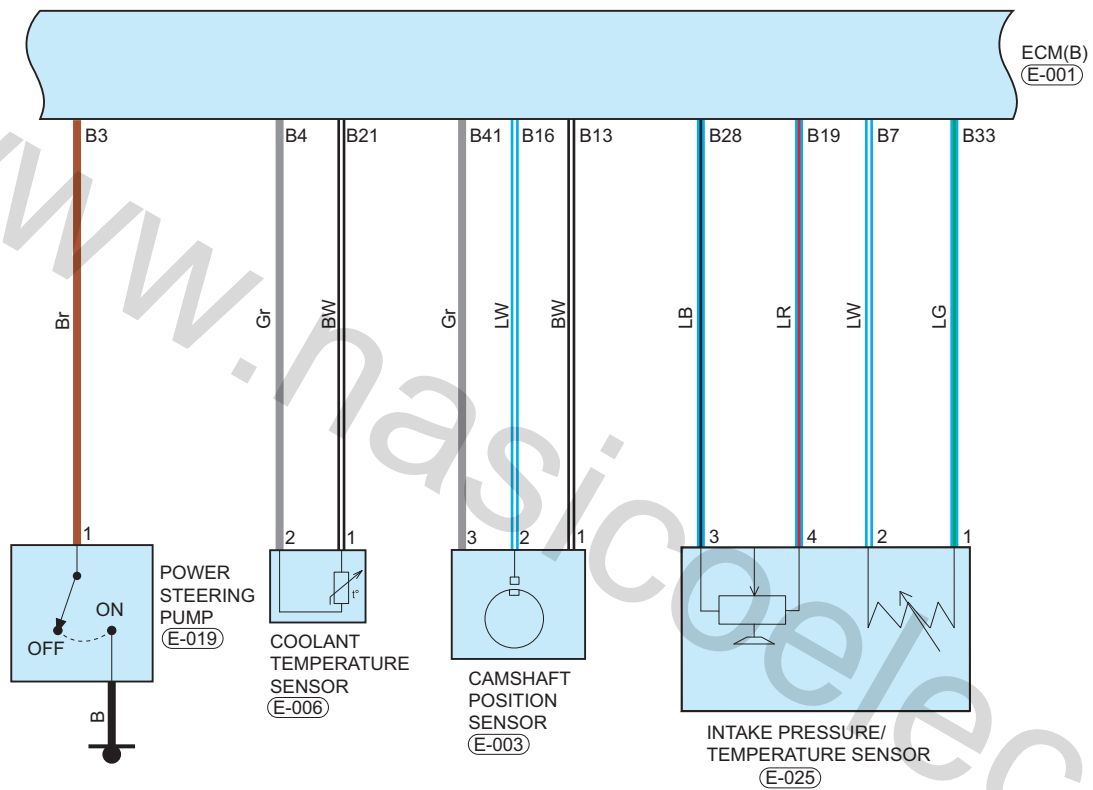
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-007, E-035	08-3, 08-5 (MT) 08-3, 08-7 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-001	12-2	E-021	12-3	E-008	12-2
E-039	12-4	E-007, E-035	12-2		

Circuit Diagram (Page 9 of 9)



09

EA13T090090

Parts Location

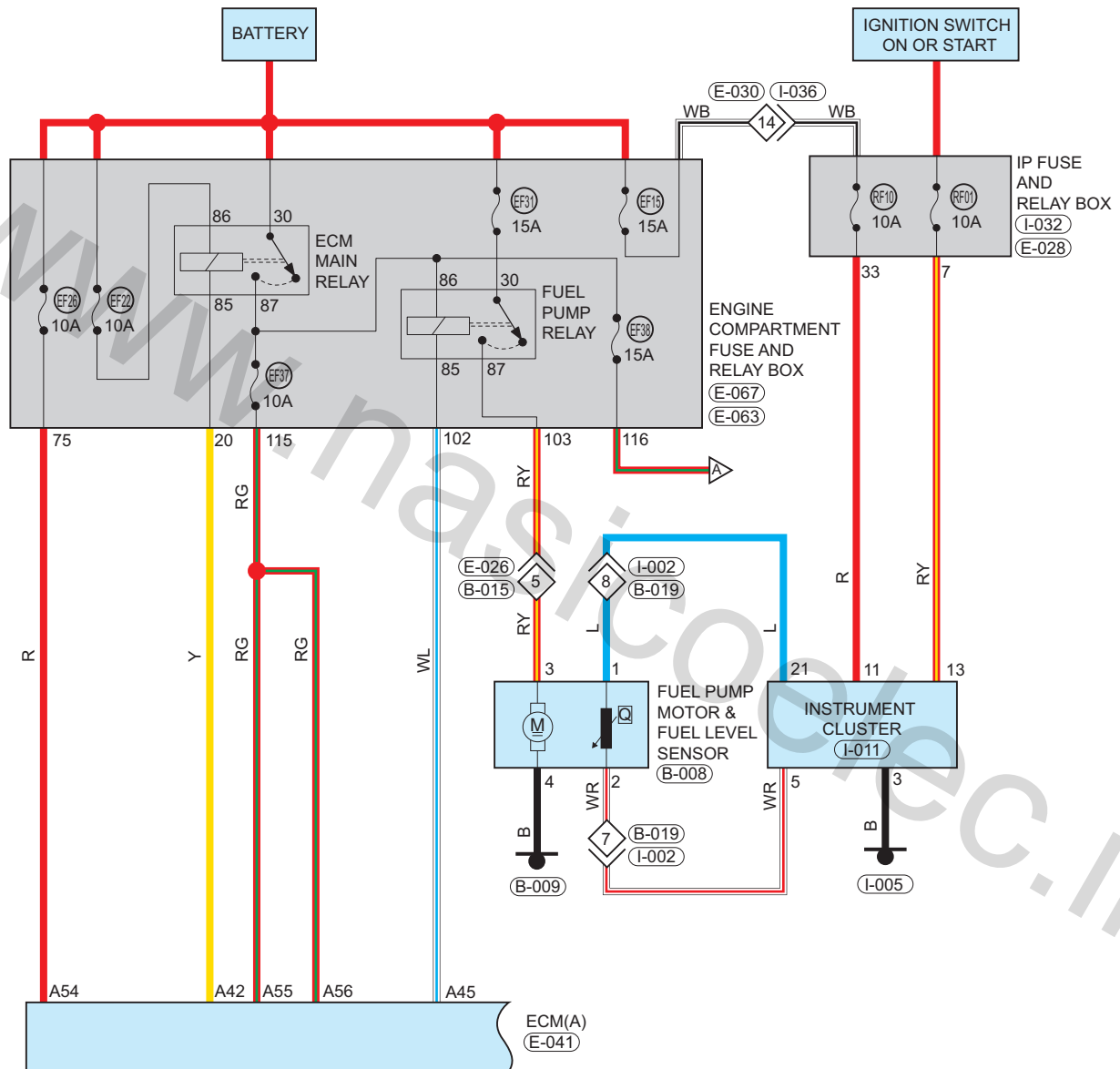
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-001	08-3	E-025	08-3	E-003	08-3
E-006	08-3	E-019	08-3		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-001	12-2	E-025	12-3	E-003	12-2
E-006	12-2	E-019	12-3		

SQRD4G15B Fuel Supply System

Circuit Diagram (Page 1 of 2)



EA13T090100

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	08-10	E-028	08-5 (MT) 08-7 (AT)	E-067	08-5 (MT) 08-7 (AT)
E-063	08-5 (MT) 08-7 (AT)	I-005	08-10	I-011	08-10
B-009	08-12	B-008	08-12	E-041	08-5 (MT) 08-7 (AT)

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF26	06-2	Engine Compartment Fuse and Relay Box
EF22	06-2	Engine Compartment Fuse and Relay Box
EF37	06-2	Engine Compartment Fuse and Relay Box
EF31	06-2	Engine Compartment Fuse and Relay Box
EF15	06-2	Engine Compartment Fuse and Relay Box
EF38	06-2	Engine Compartment Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF10	06-10	IP Fuse and Relay Box
ECM Main Relay	06-2	Engine Compartment Fuse and Relay Box
Fuel Pump Relay	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-030, I-036	08-5, 08-10 (MT) 08-7, 08-10 (AT)	E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	I-002, B-019	08-10, 08-12

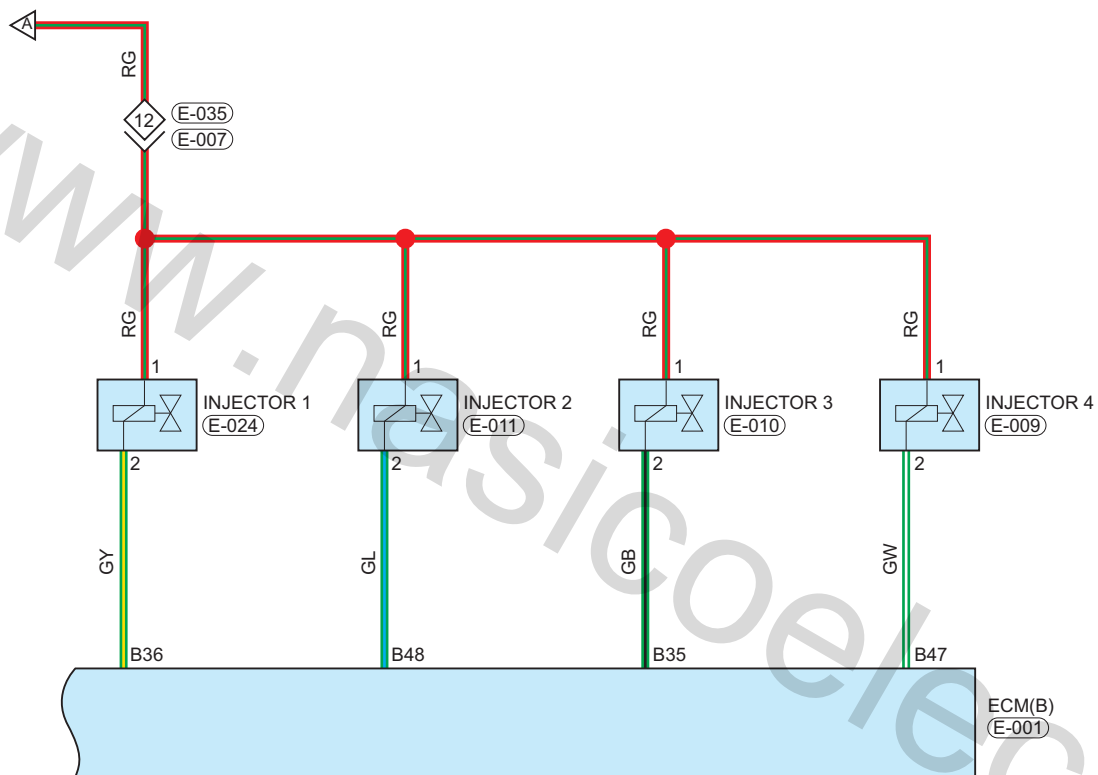
09

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	12-9	E-028	12-3	E-067	12-6
E-063	12-5	I-005	12-7	I-011	12-7
B-009	12-10	E-041	12-4	B-008	12-10
E-026, B-015	12-3	I-002, B-019	12-7	E-030, I-036	12-3



Circuit Diagram (Page 2 of 2)



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EA13T090110

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-024	08-3	E-011	08-3	E-010	08-3
E-009	08-3	E-001	08-3		

Location of Junction Connector

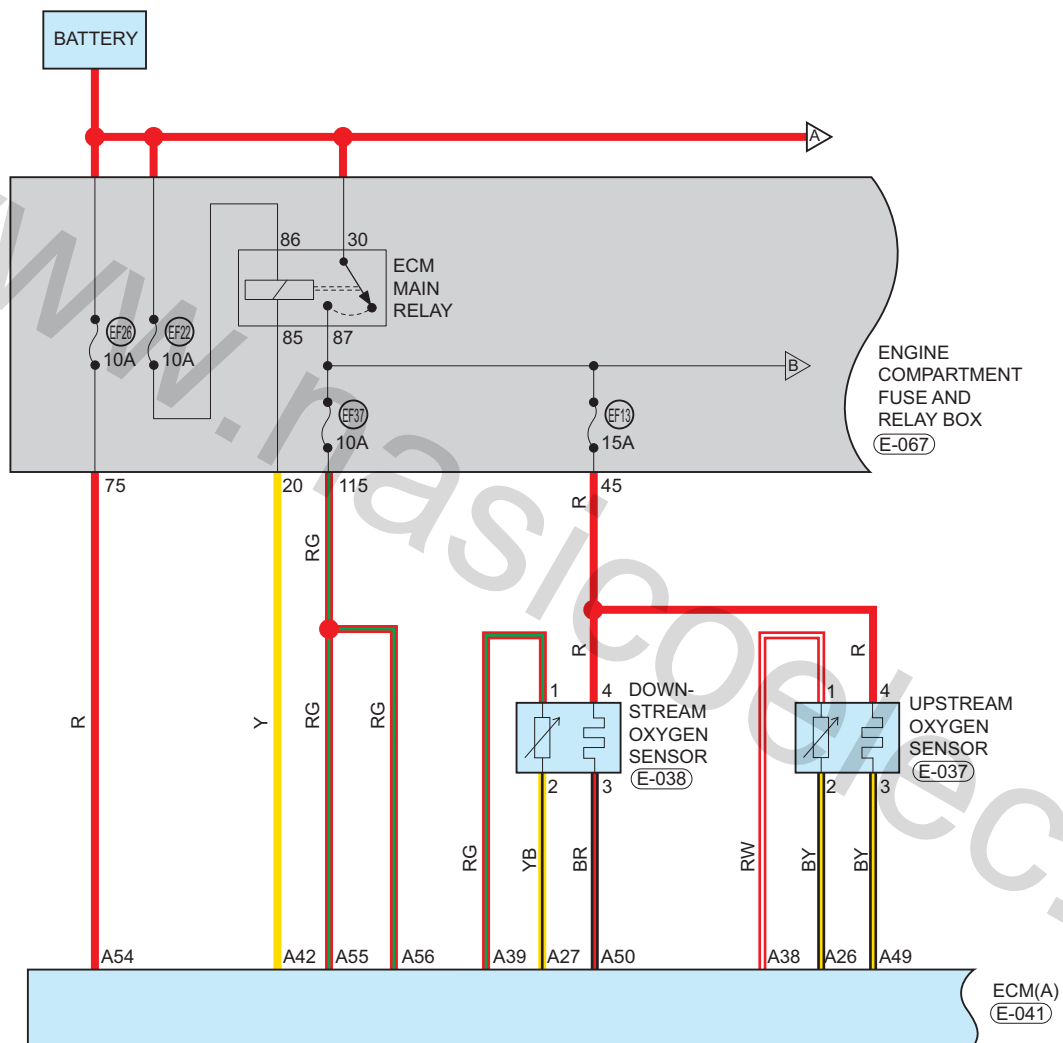
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-024	12-3	E-011	12-2	E-010	12-2
E-009	12-2	E-001	12-2	E-035, E-007	12-4

SQRD4G15B Emission Control System

Circuit Diagram (Page 1 of 2)



EA13T090120

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-038	08-5 (MT) 08-7 (AT)	E-037	08-5 (MT) 08-7 (AT)
E-041	08-5 (MT) 08-7 (AT)				

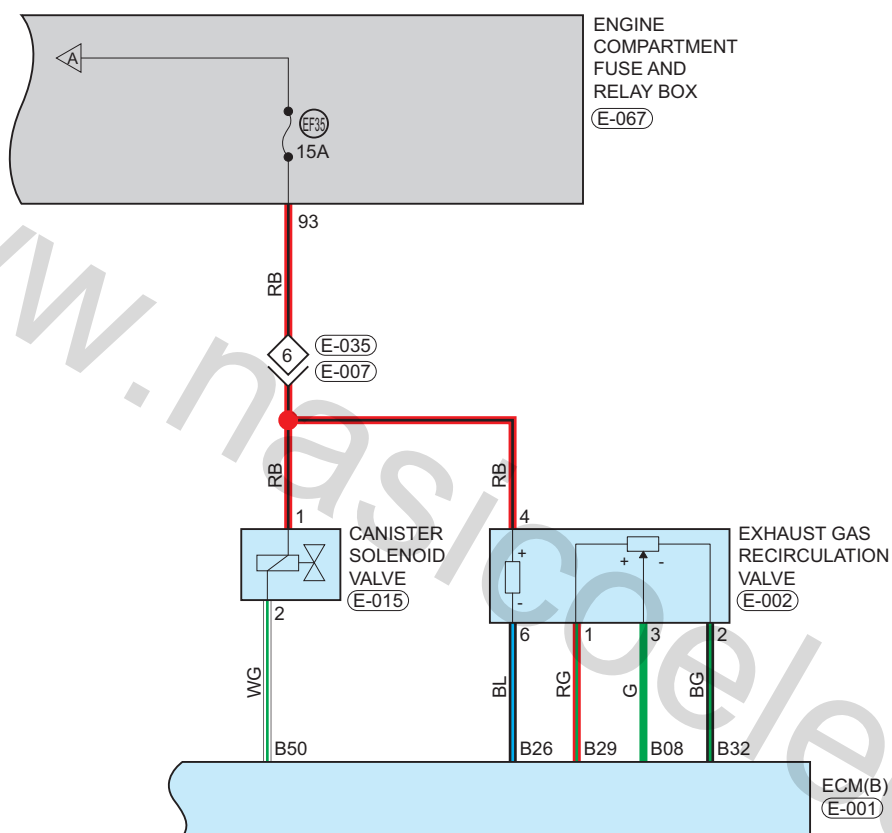
Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF13	06-2	Engine Compartment Fuse and Relay Box
EF22	06-2	Engine Compartment Fuse and Relay Box
EF26	06-2	Engine Compartment Fuse and Relay Box
EF37	06-2	Engine Compartment Fuse and Relay Box
ECM Main Relay	06-2	Engine Compartment Fuse and Relay Box

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-038	12-4	E-037	12-4
E-041	12-4				

Circuit Diagram (Page 2 of 2)



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EA13T090130

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-015	08-3	E-002	08-3
E-001	08-3				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF35	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

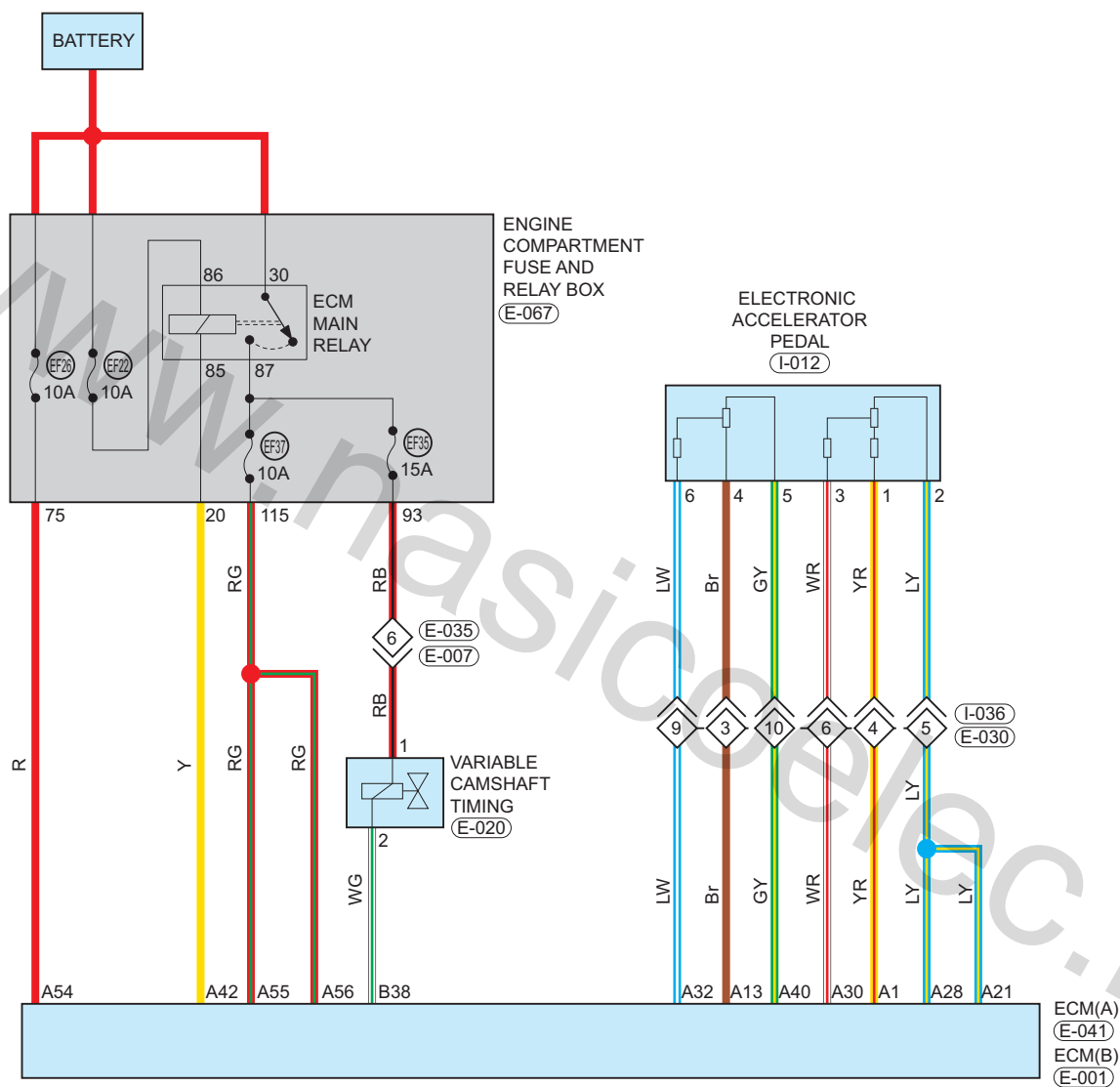
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-015	12-2	E-002	12-2
E-001	12-2	E-035, E-007	12-4		

SQRD4G15B Intake System

Circuit Diagram (Page 1 of 2)



EA13T090140

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-020	08-3	I-012	08-10
E-041	08-5 (MT) 08-7 (AT)	E-001	08-3		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF22	06-2	Engine Compartment Fuse and Relay Box
EF26	06-2	Engine Compartment Fuse and Relay Box
EF35	06-2	Engine Compartment Fuse and Relay Box
EF37	06-2	Engine Compartment Fuse and Relay Box
ECM Main Relay	06-2	Engine Compartment Fuse and Relay Box

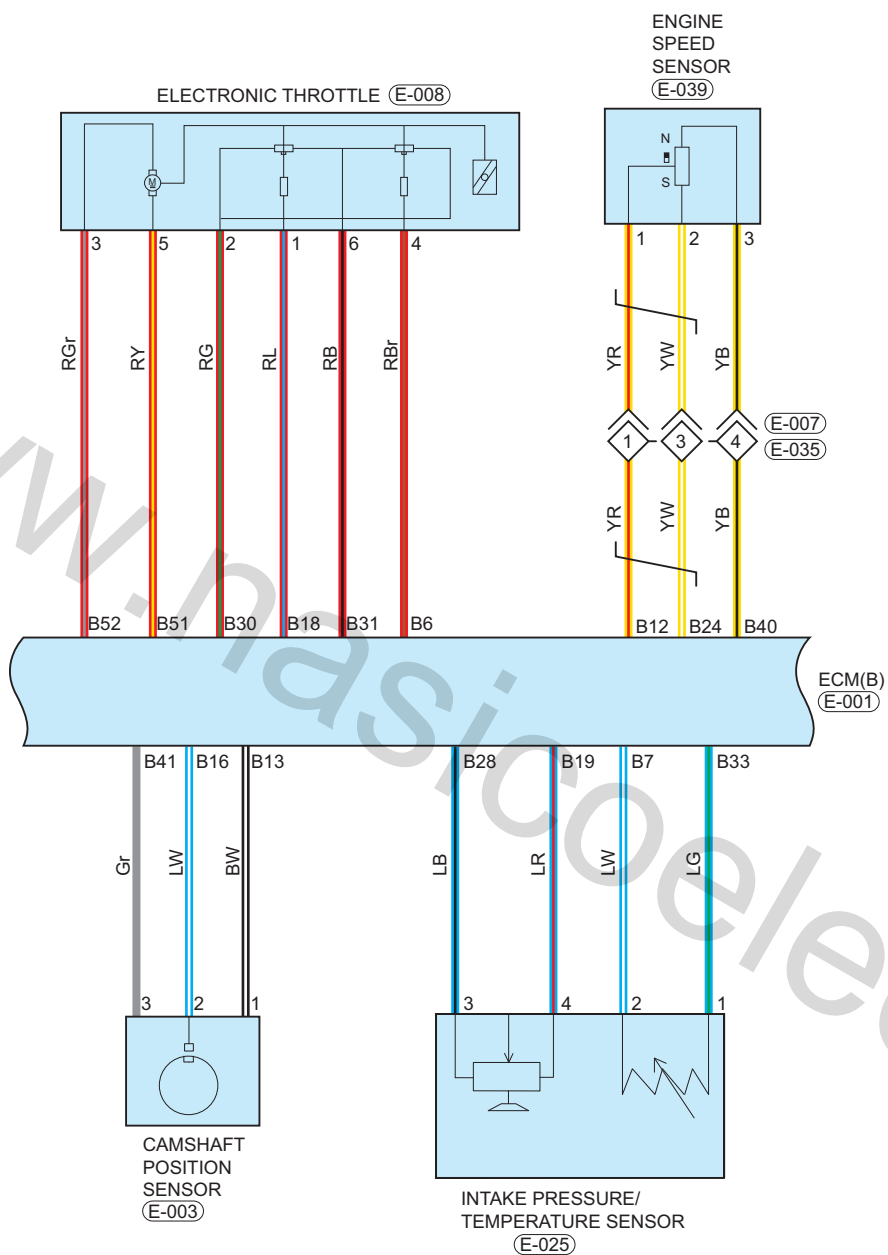
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)	I-036, E-030	08-10, 08-5 (MT) 08-10, 08-7 (AT)		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-020	12-3	I-012	12-7
E-041	12-4	E-001	12-2	E-035, E-007	12-4
I-036, E-030	12-9				

Circuit Diagram (Page 2 of 2)



EA13T090150

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-001	08-3	E-003	08-3	E-008	08-3
E-025	08-3	E-039	08-5 (MT) 08-7 (AT)		

Location of Junction Connector

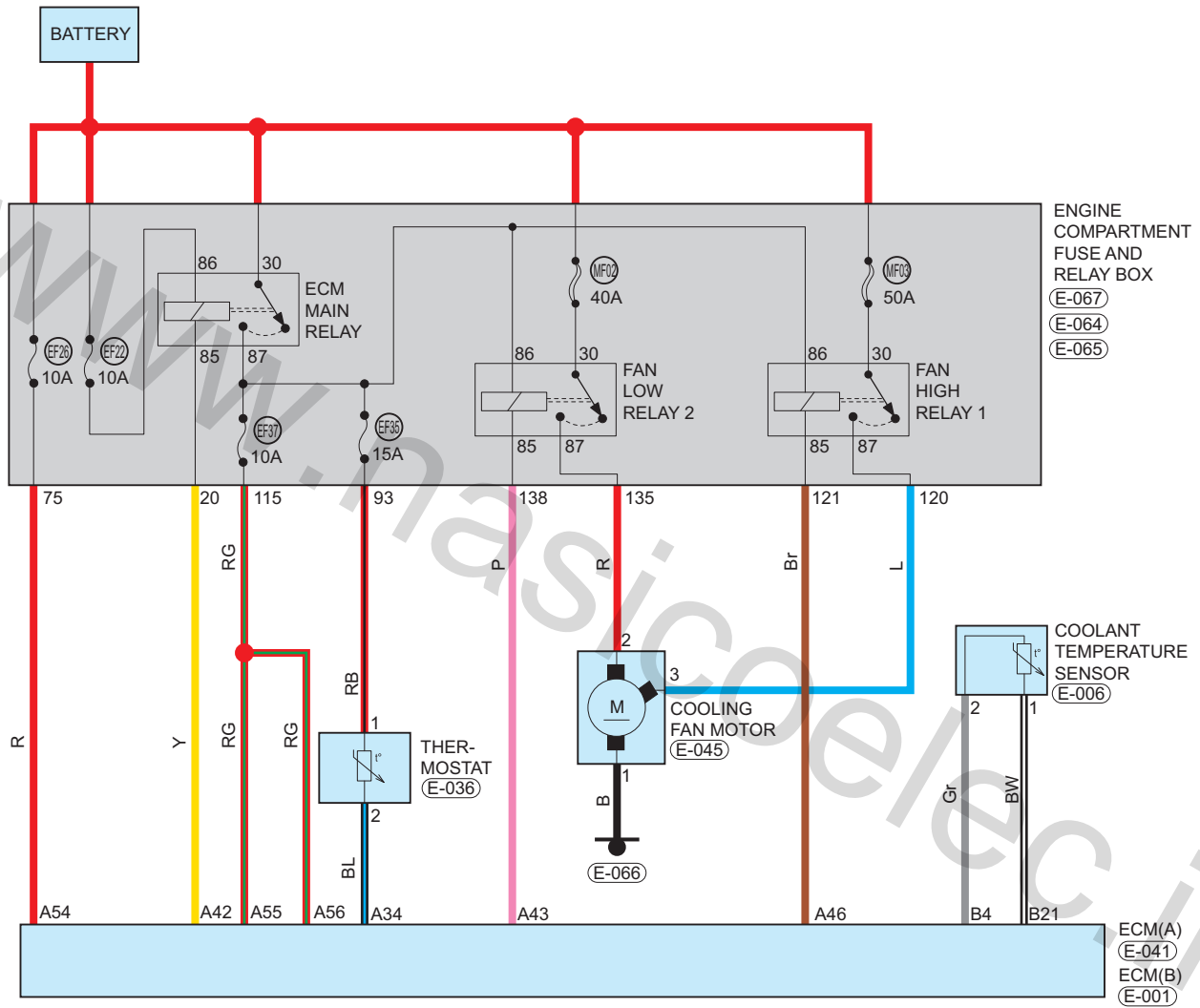
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-007, E-035	08-3, 08-5 (MT) 08-3, 08-7 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-001	12-2	E-003	12-2	E-008	12-2
E-025	12-3	E-039	12-4	E-007, E-035	12-2

SQRD4G15B Cooling System

Circuit Diagram (Page 1 of 1)



EA13T090160

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-064	08-5 (MT) 08-7 (AT)	E-065	08-5 (MT) 08-7 (AT)
E-036	08-5 (MT) 08-7 (AT)	E-066	08-5 (MT) 08-7 (AT)	E-045	08-5 (MT) 08-7 (AT)
E-006	08-3	E-041	08-5 (MT) 08-7 (AT)	E-001	08-3

Fuse and Relay

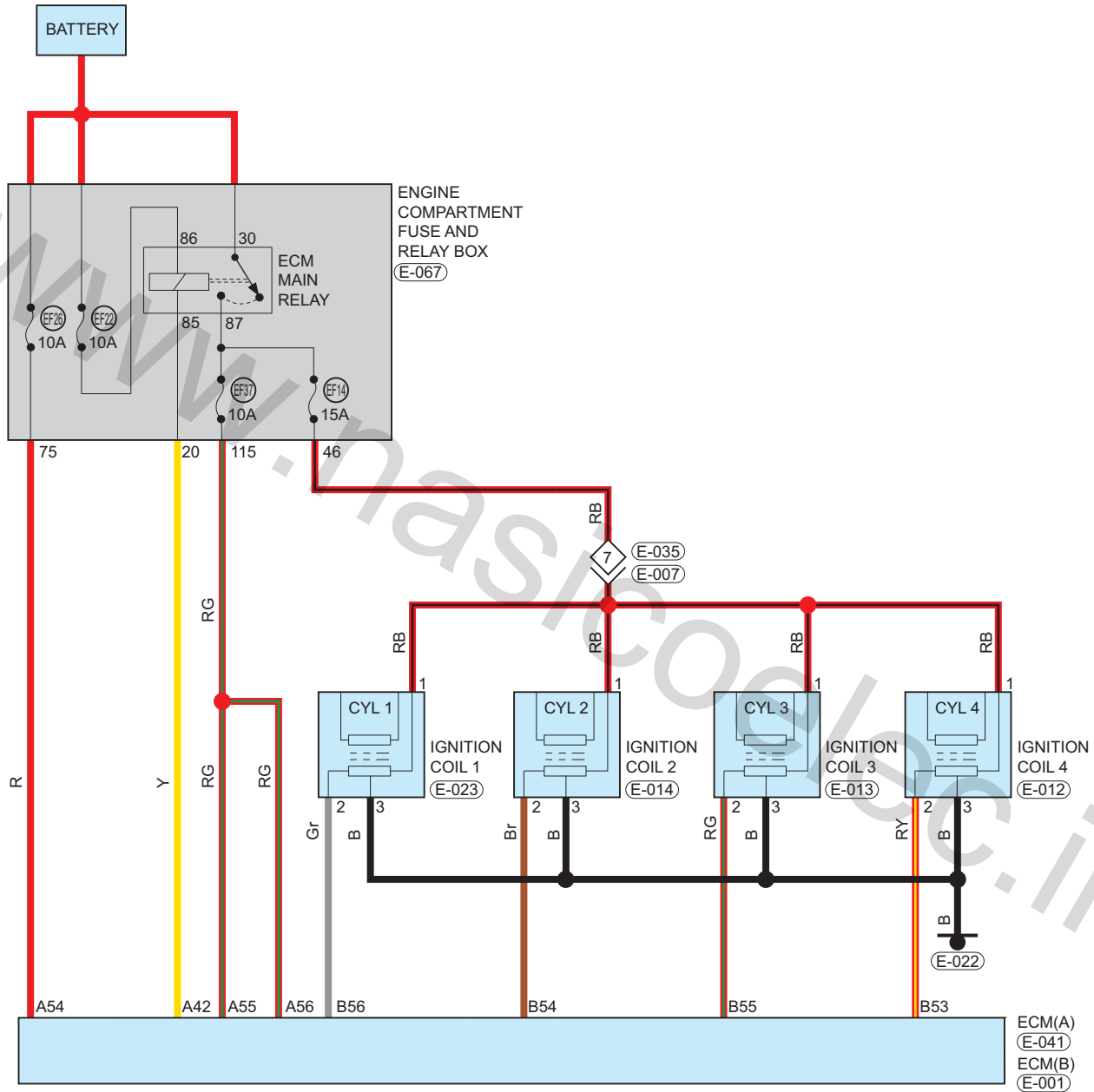
Fuse/Relay	See Page	Fuse and Relay Box
EF22	06-2	Engine Compartment Fuse and Relay Box
EF26	06-2	Engine Compartment Fuse and Relay Box
EF35	06-2	Engine Compartment Fuse and Relay Box
EF37	06-2	Engine Compartment Fuse and Relay Box
MF02	06-2	Engine Compartment Fuse and Relay Box
MF03	06-2	Engine Compartment Fuse and Relay Box
ECM Main Relay	06-2	Engine Compartment Fuse and Relay Box
Fan Low Relay	06-2	Engine Compartment Fuse and Relay Box
Fan High Relay	06-2	Engine Compartment Fuse and Relay Box

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-064	12-5	E-065	12-5
E-036	12-4	E-066	12-5	E-045	12-4
E-006	12-2	E-041	12-4	E-001	12-2

SQRD4G15B Ignition System

Circuit Diagram (Page 1 of 1)



EA13T090170

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-023	08-3	E-014	08-3
E-013	08-3	E-012	08-3	E-022	08-3
E-041	08-5 (MT) 08-7 (AT)	E-001	08-3		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF22	06-2	Engine Compartment Fuse and Relay Box
EF26	06-2	Engine Compartment Fuse and Relay Box
EF14	06-2	Engine Compartment Fuse and Relay Box
EF37	06-2	Engine Compartment Fuse and Relay Box
ECM Main Relay	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)				

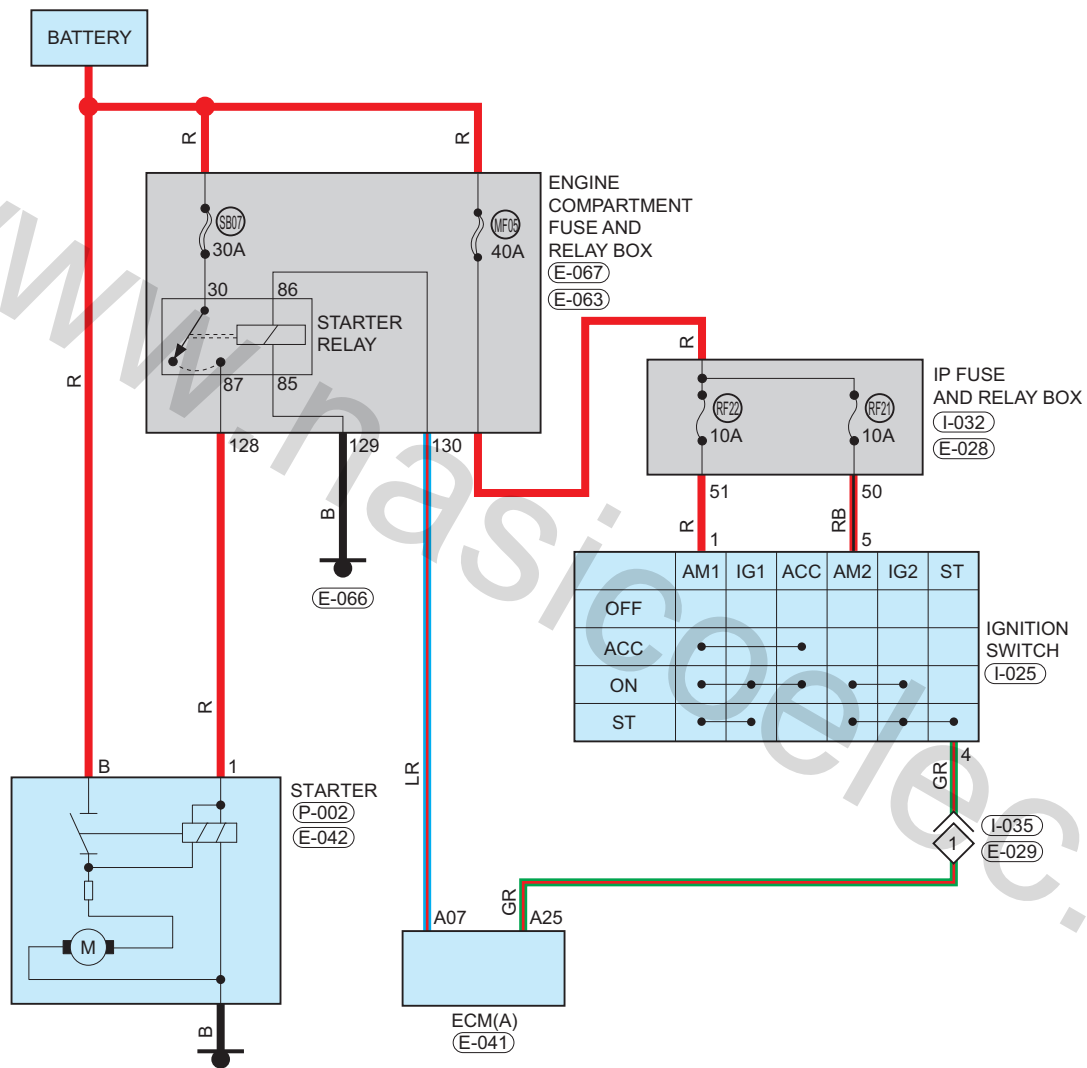
Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-023	12-3	E-014	12-2
E-013	12-2	E-012	12-2	E-022	12-3
E-041	12-4	E-001	12-2	E-035, E-007	12-4

SQRD4G15B Starting System

Circuit Diagram (Page 1 of 2)

MT



EA13T090180

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-063	08-5 (MT) 08-7 (AT)	E-066	08-5 (MT) 08-7 (AT)
P-002	08-9	E-042	08-5 (MT) 08-7 (AT)	E-041	08-5 (MT) 08-7 (AT)
I-025	08-10	E-028	08-5 (MT) 08-7 (AT)	I-032	08-10

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
SB07	06-2	Engine Compartment Fuse and Relay Box
MF05	06-2	Engine Compartment Fuse and Relay Box
RF22	06-10	IP Fuse and Relay Box
RF21	06-10	IP Fuse and Relay Box
Starter Relay	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

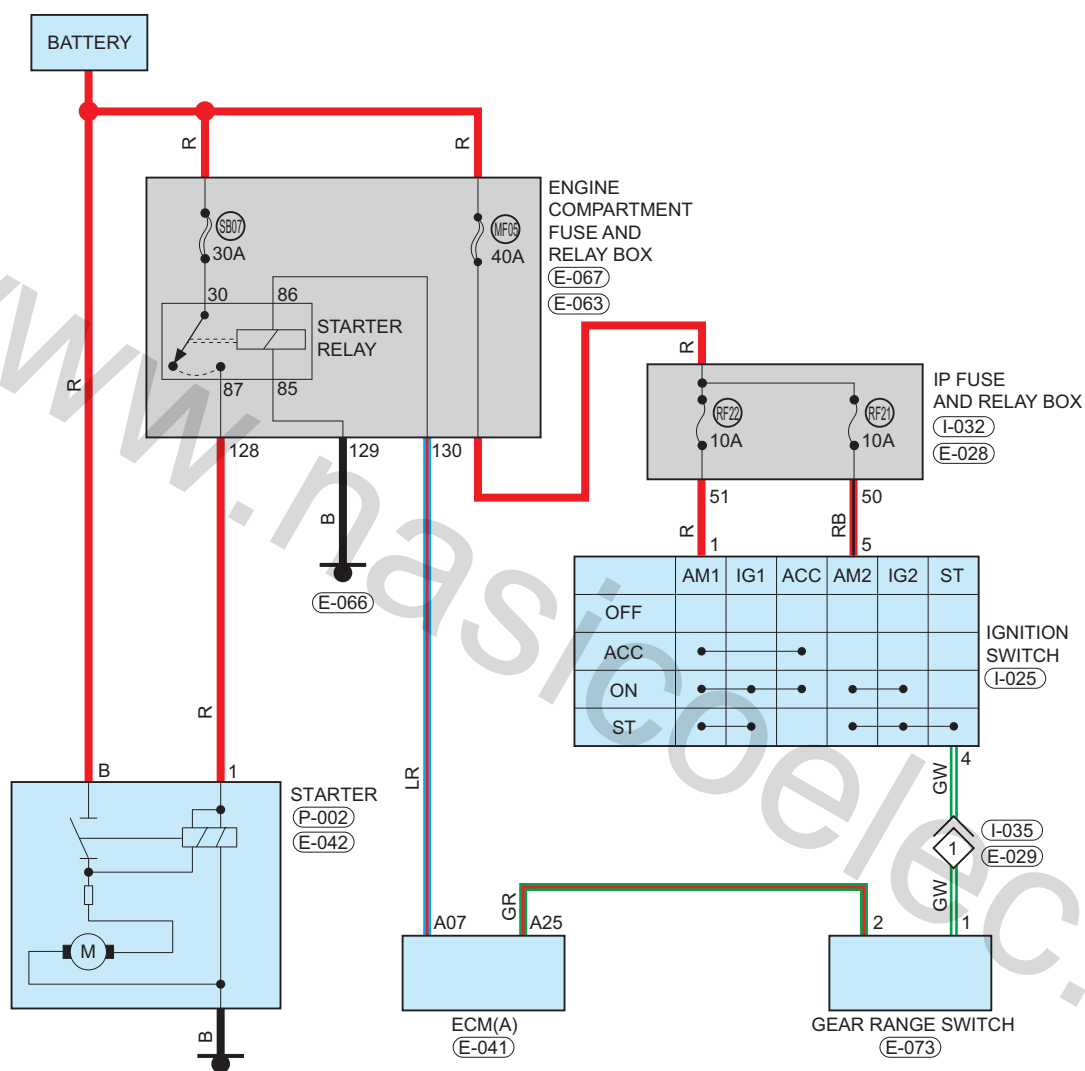
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-035, E-029	08-10, 08-5 (MT) 08-10, 08-7 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-063	12-5	E-066	12-5
P-002	12-16	E-042	12-4	E-041	12-4
I-025	12-8	E-028	12-3	I-032	12-9
I-035, E-029	12-9				

Circuit Diagram (Page 2 of 2)

4AT



EA13T090190

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-063	08-5 (MT) 08-7 (AT)	E-066	08-5 (MT) 08-7 (AT)
P-002	08-9	E-042	08-5 (MT) 08-7 (AT)	E-041	08-5 (MT) 08-7 (AT)
E-073	08-5 (MT) 08-7 (AT)	I-025	08-10	E-028	08-5 (MT) 08-7 (AT)
I-032	08-10				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
SB07	06-2	Engine Compartment Fuse and Relay Box
MF05	06-2	Engine Compartment Fuse and Relay Box
RF22	06-10	IP Fuse and Relay Box
RF21	06-10	IP Fuse and Relay Box
Starter Relay	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

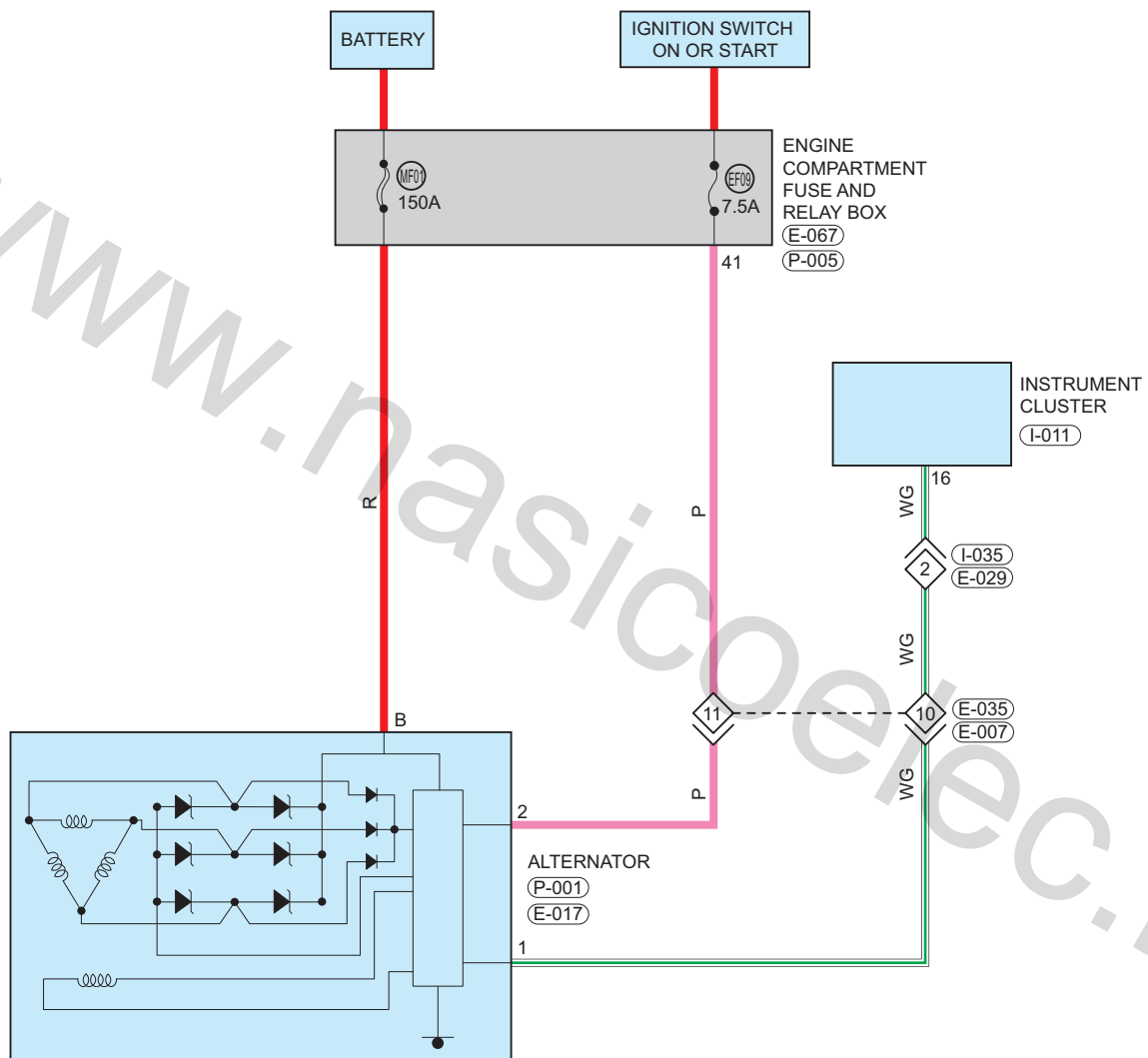
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-035, E-029	08-10, 08-5 (MT) 08-10, 08-7 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-063	12-5	E-066	12-5
P-002	12-16	E-042	12-4	E-041	12-4
E-073	12-6	I-025	12-8	E-028	12-3
I-032	12-9	I-035, E-029	12-9		

SQRD4G15B Charging System

Circuit Diagram (Page 1 of 1)



EA13T090200

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	P-005	08-9	I-011	08-10
P-001	08-9	E-017	08-3		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF09	06-2	Engine Compartment Fuse and Relay Box
MF01	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

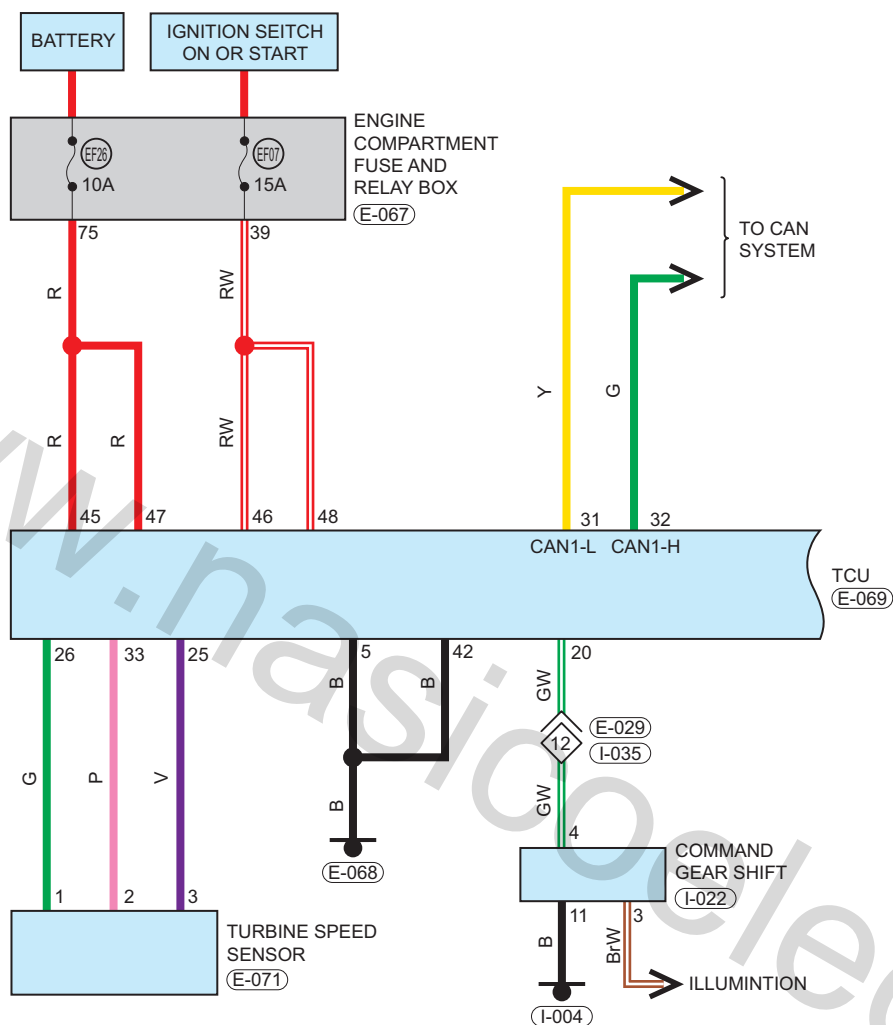
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-035, E-029	08-10, 08-5 (MT) 08-10, 08-7 (AT)	E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	P-005	12-16	I-011	12-7
P-001	12-16	E-017	12-3	I-035, E-029	12-9
E-035, E-007	12-4				

QR416AHA TCU

Circuit Diagram (Page 1 of 2)



Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-7	E-069	08-7	E-071	08-7
E-068	08-7	I-004	08-10	I-022	08-10

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF07	06-2	Engine Compartment Fuse and Relay Box
EF26	06-2	Engine Compartment Fuse and Relay Box

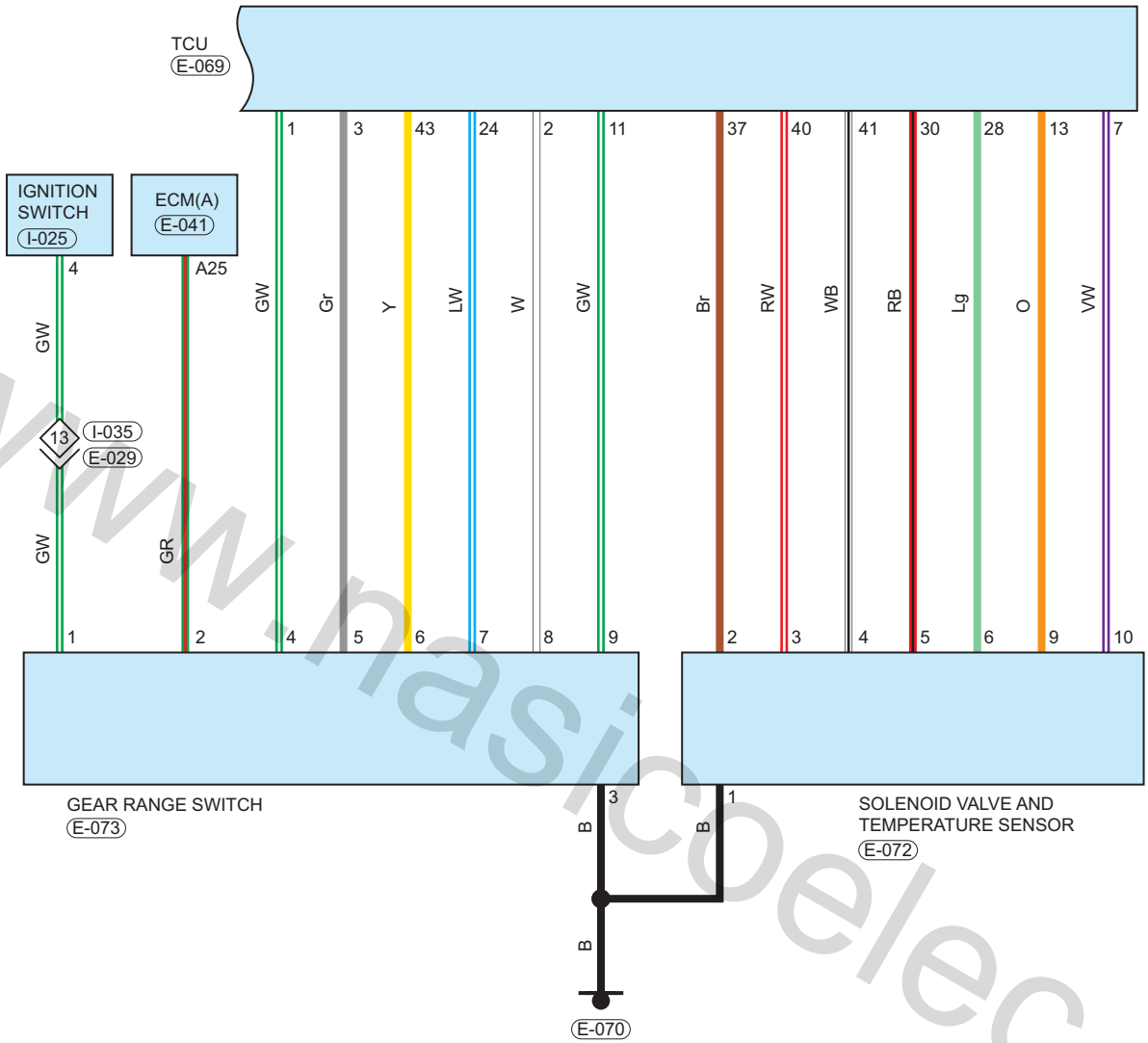
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-029, I-035	08-7, 08-10				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-069	12-6	E-071	12-6
E-068	12-6	I-004	12-7	I-022	12-8
E-029, I-035	12-3				

Circuit Diagram (Page 2 of 2)



EA13T090220

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-069	08-7	E-072	08-7	E-070	08-7
E-073	08-7	E-041	08-7	I-025	08-10

Location of Junction Connector

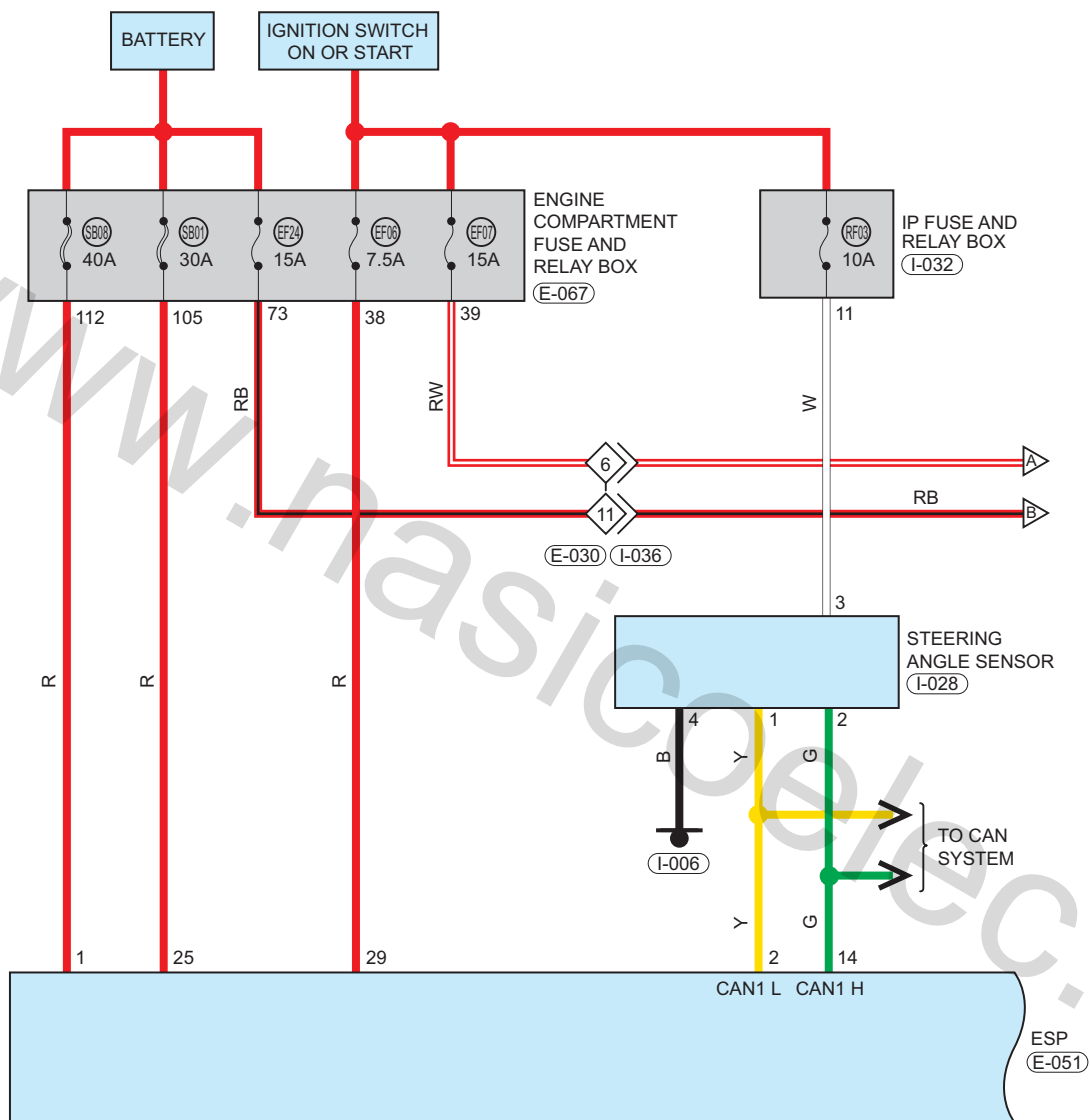
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-035, E-029	08-10, 08-7				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-069	12-6	E-072	12-6	E-070	12-6
E-073	12-6	E-041	12-4	I-025	12-8
I-035, E-029	12-9				

ABS/ESP

Circuit Diagram (Page 1 of 3)



EA13T090230

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	I-032	08-10	I-028	08-10
I-006	08-10	E-051	08-5 (MT) 08-7 (AT)		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
SB01	06-2	Engine Compartment Fuse and Relay Box
SB08	06-2	Engine Compartment Fuse and Relay Box
EF06	06-2	Engine Compartment Fuse and Relay Box
EF07	06-2	Engine Compartment Fuse and Relay Box
EF24	06-2	Engine Compartment Fuse and Relay Box
RF03	06-10	IP Fuse and Relay Box

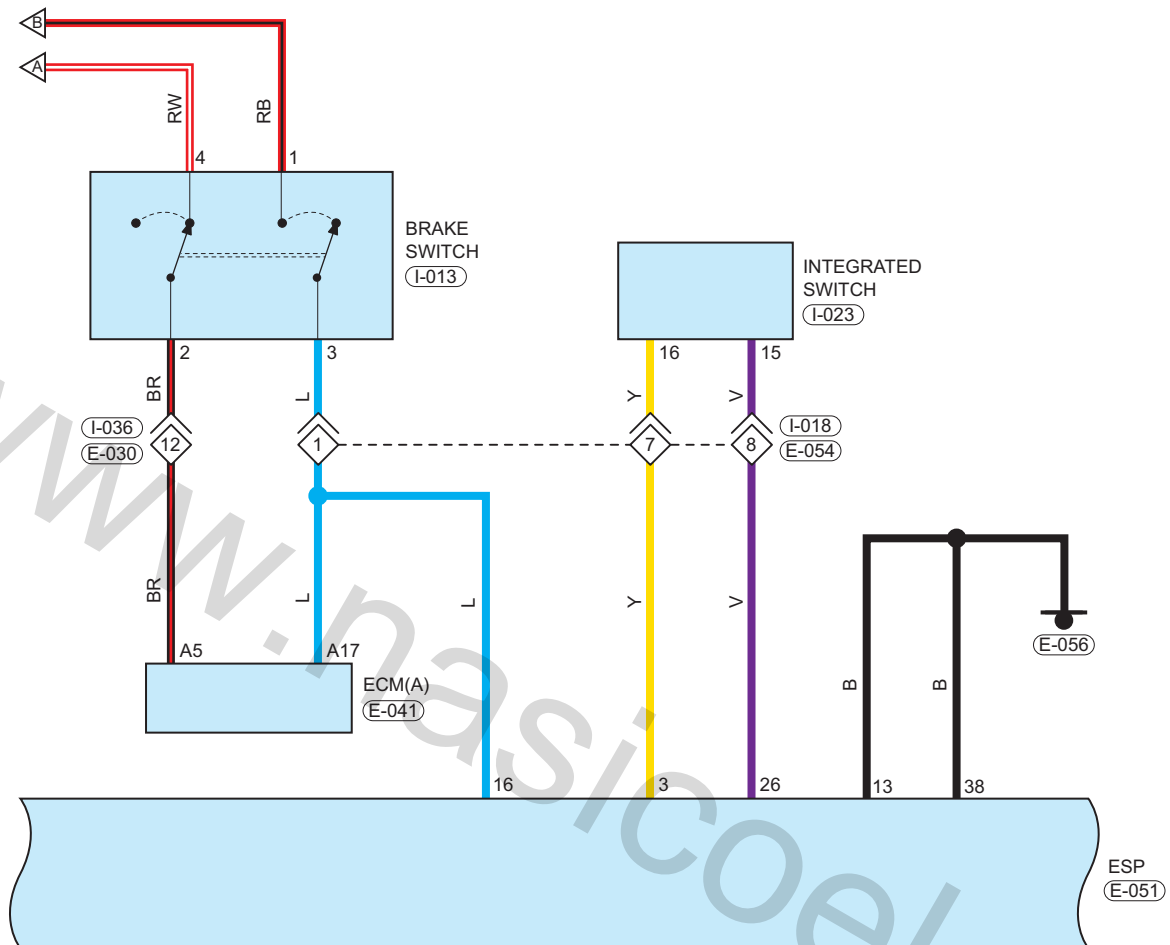
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-030, I-036	08-5, 08-10 (MT) 08-7, 08-10 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	I-032	12-9	I-028	12-8
I-006	12-7	E-051	12-5	E-030, I-036	12-3

Circuit Diagram (Page 2 of 3)



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EA13T090240

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-051	08-5 (MT) 08-7 (AT)	E-056	08-5 (MT) 08-7 (AT)	E-041	08-5 (MT) 08-7 (AT)
I-023	08-10	I-013	08-10		

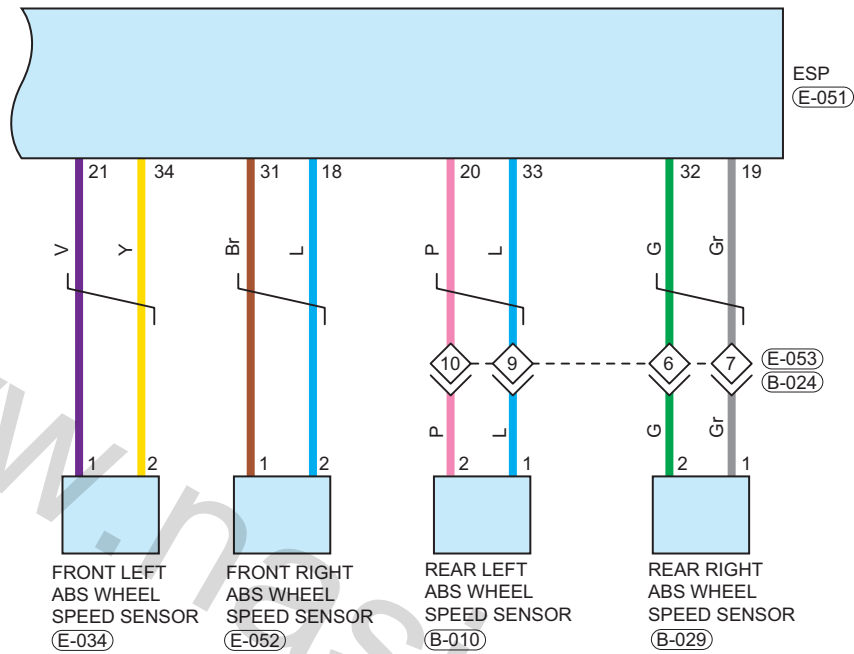
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-036, E-030	08-10, 08-5 (MT) 08-10, 08-7 (AT)	I-018, E-054	08-10, 08-5 (MT) 08-10, 08-7 (AT)		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-051	12-5	E-056	12-5	E-041	12-4
I-023	12-8	I-013	12-7	I-036, E-030	12-9
I-018, E-054	12-8				

Circuit Diagram (Page 3 of 3)



Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-051	08-5 (MT) 08-7 (AT)	E-034	08-5 (MT) 08-7 (AT)	E-052	08-5 (MT) 08-7 (AT)
B-010	08-12	B-029	08-12		

Location of Junction Connector

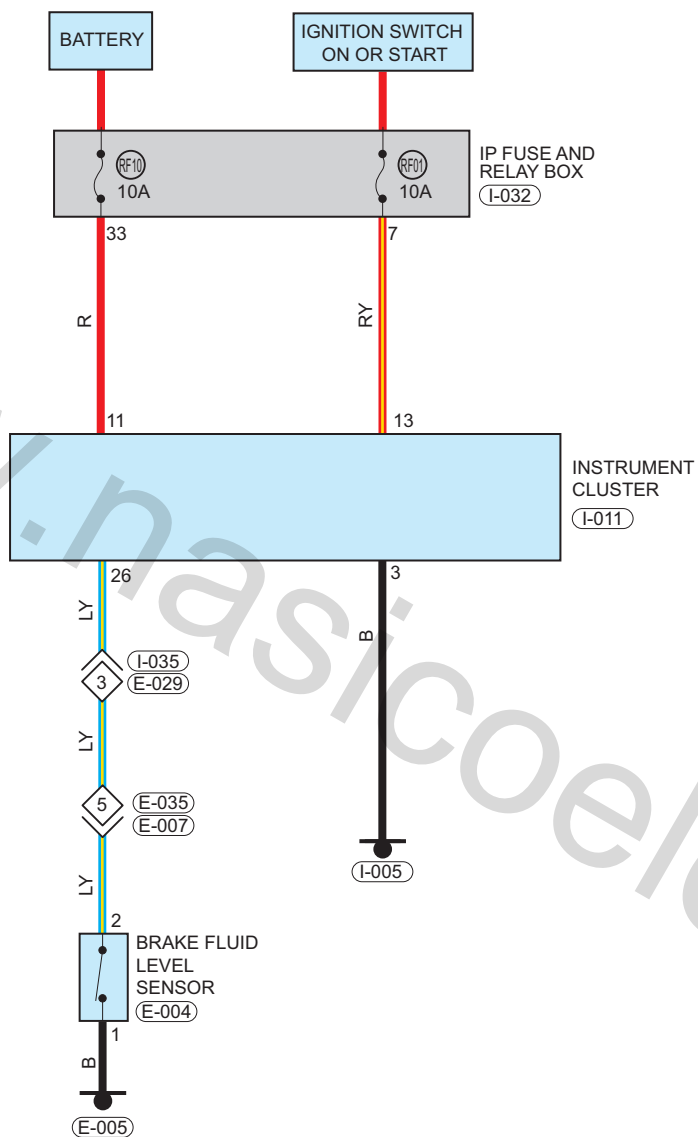
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-051	12-5	E-034	12-4	E-052	12-5
B-010	12-10	B-029	12-12	E-053, B-024	12-5

Brake

Circuit Diagram (Page 1 of 1)



Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	08-10	I-011	08-10	I-005	08-10
E-004	08-3	E-005	08-3		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF10	06-10	IP Fuse and Relay Box

Location of Junction Connector

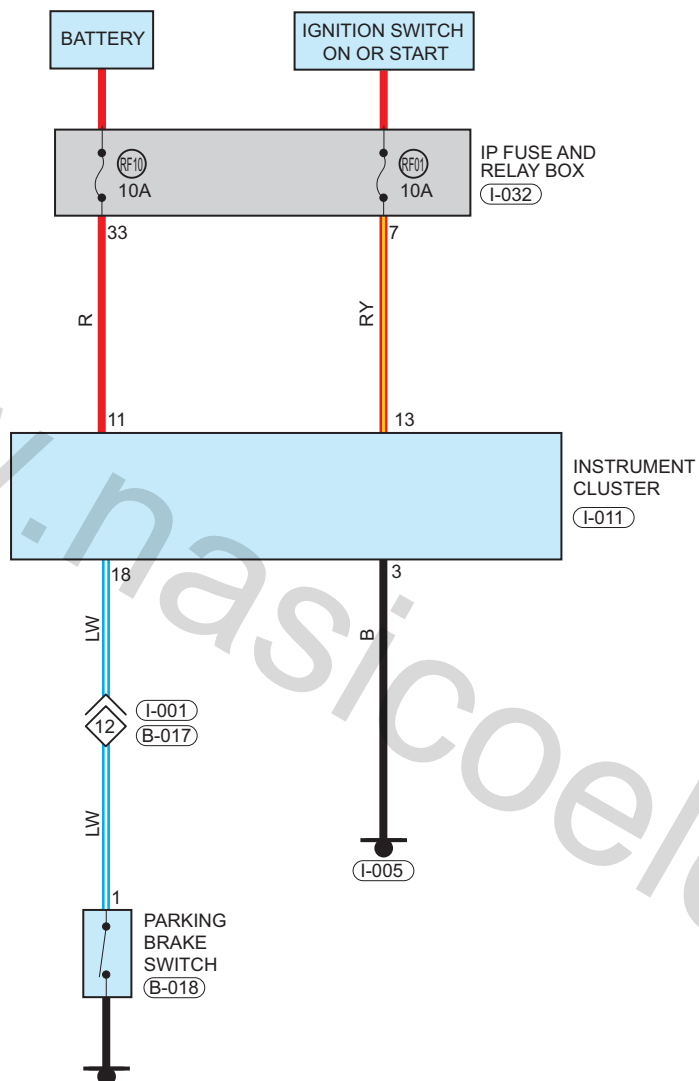
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)	I-035, E-029	08-10, 08-5 (MT) 08-10, 08-7 (AT)		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	12-9	I-011	12-7	I-005	12-7
E-004	12-2	E-005	12-2	E-035, E-007	12-4
I-035, E-029	12-9				

Parking Brake

Circuit Diagram (Page 1 of 1)



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EA13T090270

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	08-10	I-011	08-10	I-005	08-10
B-018	08-12				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF10	06-10	IP Fuse and Relay Box

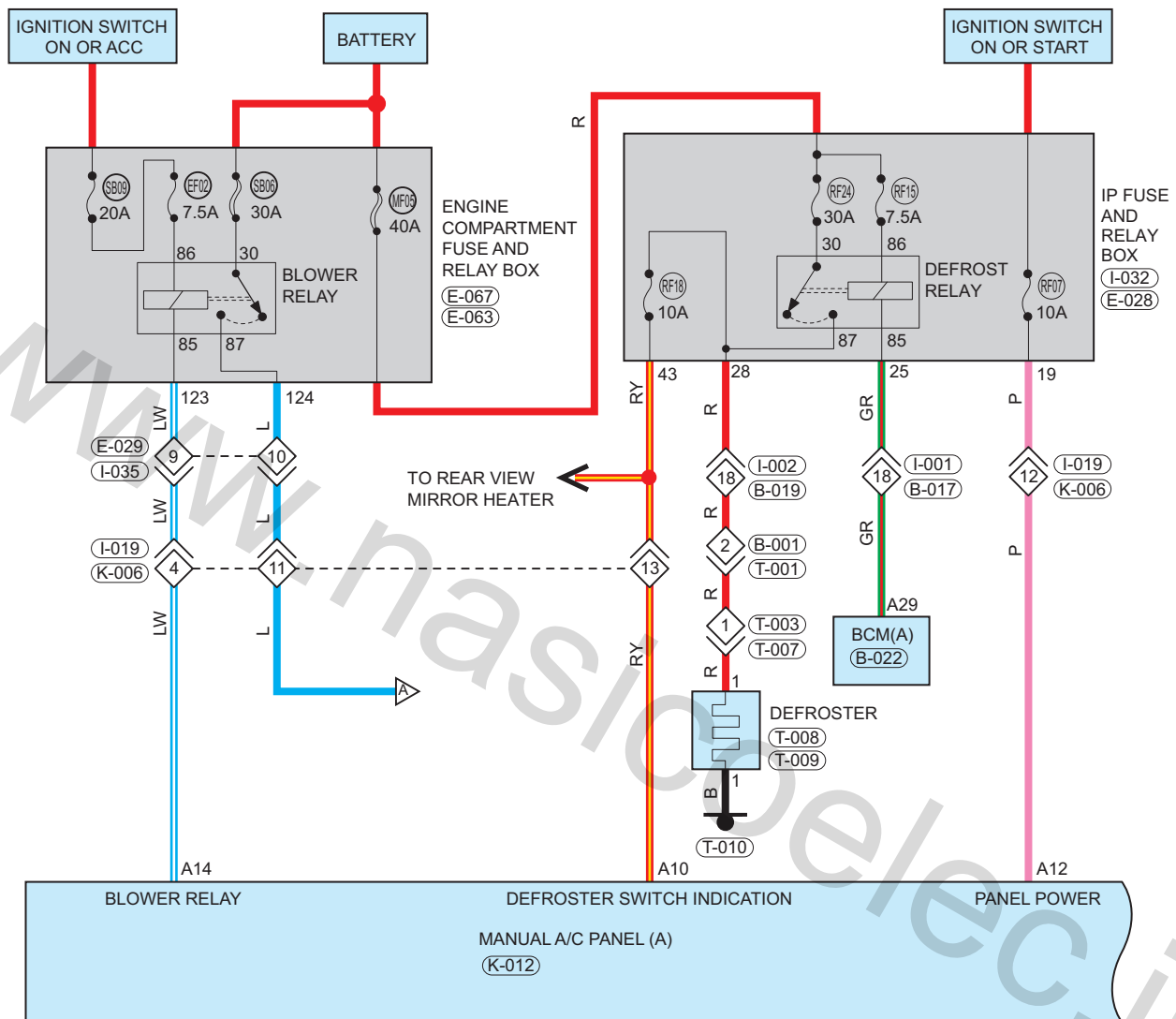
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-001, B-017	08-10, 08-12				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	12-9	I-011	12-7	I-005	12-7
B-018	12-11	I-001, B-017	12-7		

Circuit Diagram (Page 1 of 4)



EA13T090280

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-063	08-5 (MT) 08-7 (AT)	I-032	08-10
E-028	08-5 (MT) 08-7 (AT)	B-022	08-12	T-008	08-18
T-009	08-18	T-010	08-18	K-012	08-20

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF02	06-2	Engine Compartment Fuse and Relay Box
SB06	06-2	Engine Compartment Fuse and Relay Box
SB09	06-2	Engine Compartment Fuse and Relay Box
MF05	06-2	Engine Compartment Fuse and Relay Box
RF07	06-10	IP Fuse and Relay Box
RF15	06-10	IP Fuse and Relay Box
RF18	06-10	IP Fuse and Relay Box
RF24	06-10	IP Fuse and Relay Box
Defrost Relay	06-10	IP Fuse and Relay Box
Blower Relay	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-029, I-035	08-5, 08-10 (MT) 08-7, 08-10 (AT)	I-019, K-006	08-10, 08-20	I-002, B-019	08-10, 08-12
B-001, T-001	08-12, 08-18	T-003, T-007	08-18, 08-18	I-001, B-017	08-10, 08-12

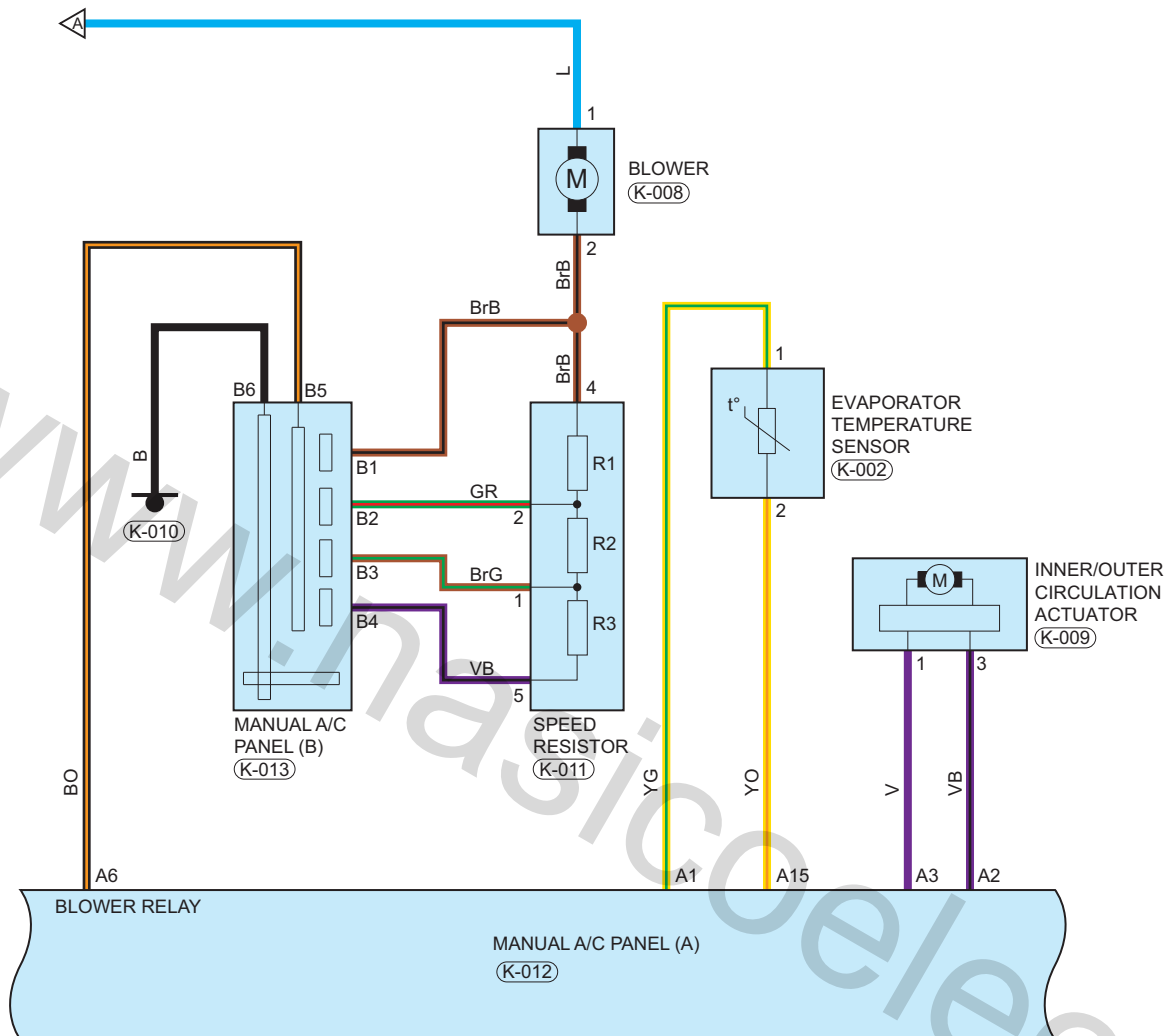
09

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-063	12-5	I-032	12-9
E-028	12-3	B-022	12-11	T-008	12-15
T-009	12-15	T-010	12-15	K-012	12-17
E-029, I-035	12-3	I-019, K-006	12-8	I-002, B-019	12-7
B-001, T-001	12-10	T-003, T-007	12-15	I-001, B-017	12-7



Circuit Diagram (Page 2 of 4)



EA13T090290

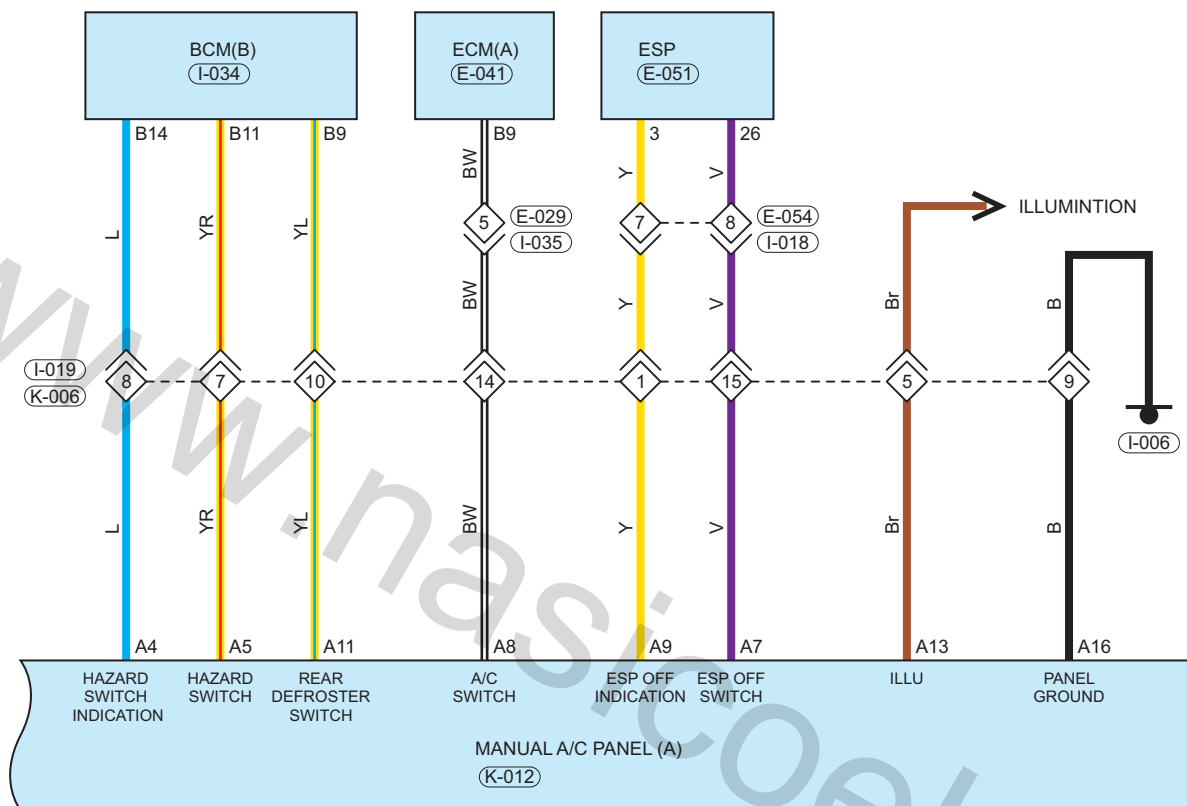
Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
K-002	08-20	K-009	08-20	K-012	08-20
K-010	08-20	K-013	08-20	K-011	08-20
K-008	08-20				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
K-002	12-17	K-009	12-17	K-012	12-17
K-010	12-17	K-013	12-17	K-011	12-17
K-008	12-17				

Circuit Diagram (Page 3 of 4)



Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-006	08-10	E-051	08-5 (MT) 08-7 (AT)	E-041	08-5 (MT) 08-7 (AT)
I-034	08-10	K-012	08-20		

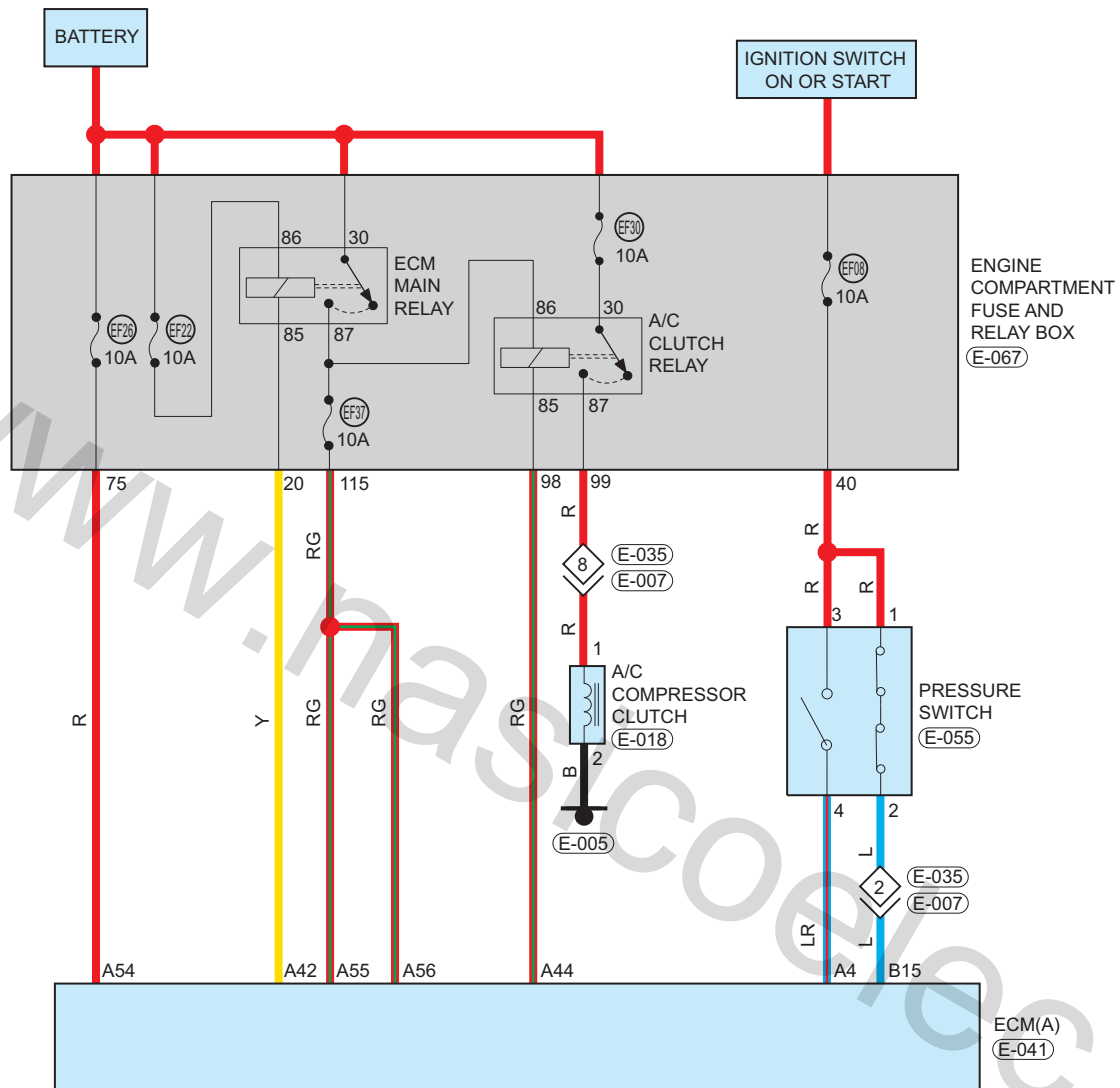
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-054, I-018	08-5, 08-10 (MT) 08-7, 08-10 (AT)	E-029, I-035	08-5, 08-10 (MT) 08-7, 08-10 (AT)	I-019, K-006	08-10, 08-20

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-006	12-7	E-051	12-5	E-041	12-4
I-034	12-9	K-012	12-17	E-054, I-018	12-5
E-029, I-035	12-3	I-019, K-006	12-8		

Circuit Diagram (Page 4 of 4)



EA13T090310

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-055	08-5 (MT) 08-7 (AT)	E-041	08-5 (MT) 08-7 (AT)
E-018	08-3	E-005	08-3		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF08	06-2	Engine Compartment Fuse and Relay Box
EF22	06-2	Engine Compartment Fuse and Relay Box
EF26	06-2	Engine Compartment Fuse and Relay Box
EF30	06-2	Engine Compartment Fuse and Relay Box
EF37	06-2	Engine Compartment Fuse and Relay Box
ECM Main Relay	06-2	Engine Compartment Fuse and Relay Box
A/C Clutch Relay	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

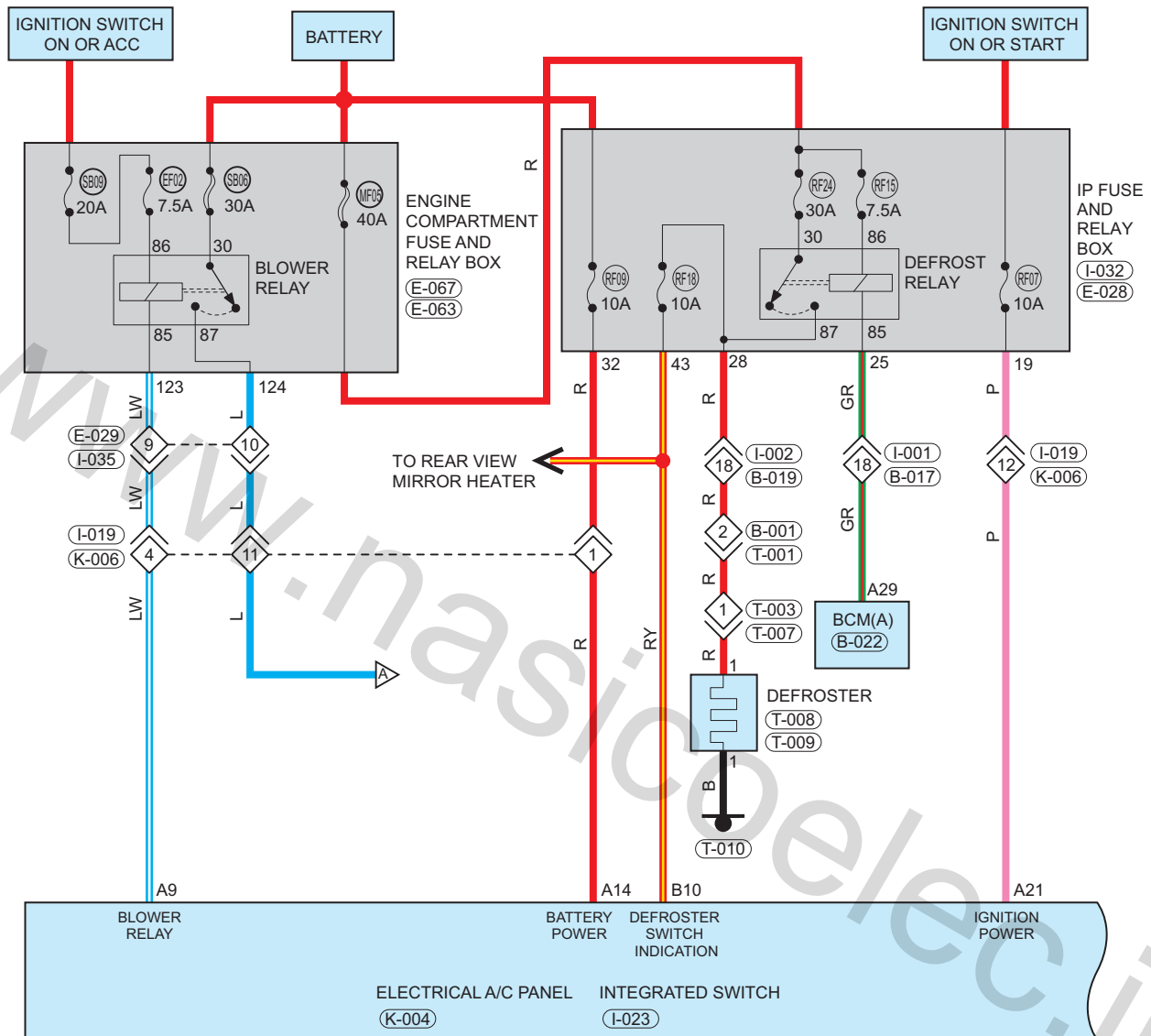
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-055	12-5	E-041	12-4
E-018	12-3	E-005	12-2	E-035, E-007	12-4

Electrical A/C System

Circuit Diagram (Page 1 of 5)



EA13T090320

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-063	08-5 (MT) 08-7 (AT)	I-032	08-10
E-028	08-5 (MT) 08-7 (AT)	B-022	08-12	T-008	08-18
T-009	08-18	T-010	08-18	K-004	08-20
I-023	08-10				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF02	06-2	Engine Compartment Fuse and Relay Box
SB06	06-2	Engine Compartment Fuse and Relay Box
SB09	06-2	Engine Compartment Fuse and Relay Box
MF05	06-2	Engine Compartment Fuse and Relay Box
RF07	06-10	IP Fuse and Relay Box
RF09	06-10	IP Fuse and Relay Box
RF15	06-10	IP Fuse and Relay Box
RF18	06-10	IP Fuse and Relay Box
RF24	06-10	IP Fuse and Relay Box
Defrost Relay	06-10	IP Fuse and Relay Box
Blower Relay	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-029, I-035	08-5, 08-10 (MT) 08-7, 08-10 (AT)	I-019, K-006	08-10, 08-20	I-002, B-019	08-10, 08-12
I-001, B-017	08-10, 08-12	B-001, T-001	08-12, 08-18	T-003, T-007	08-18, 08-18

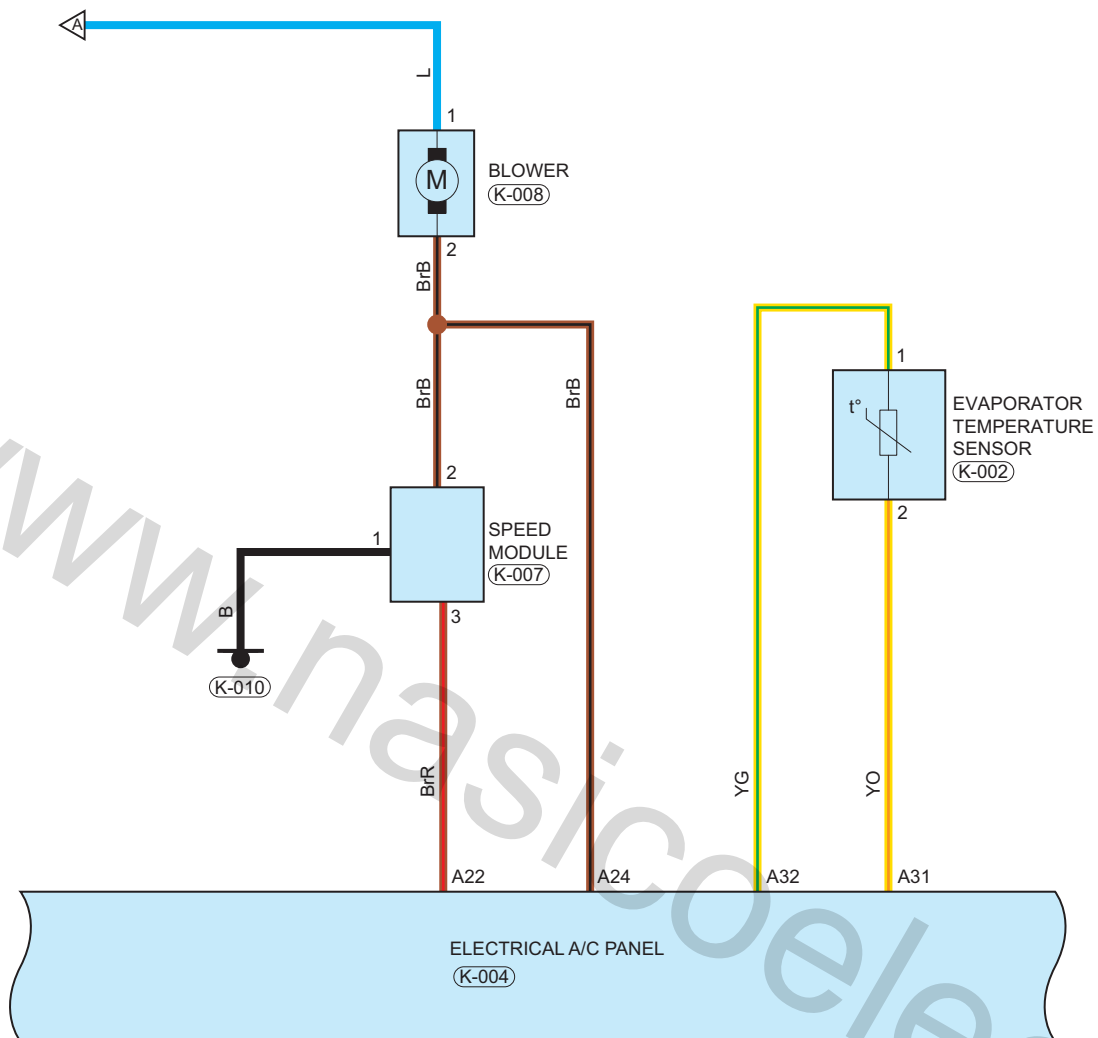
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Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-063	12-5	I-032	12-9
E-028	12-3	B-022	12-11	T-008	12-15
T-009	12-15	T-010	12-15	K-004	12-17
I-023	12-8	E-029, I-035	12-3	I-019, K-006	12-8
I-002, B-019	12-7	I-001, B-017	12-7	B-001, T-001	12-10
T-003, T-007	12-15				



Circuit Diagram (Page 2 of 5)



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EA13T090330

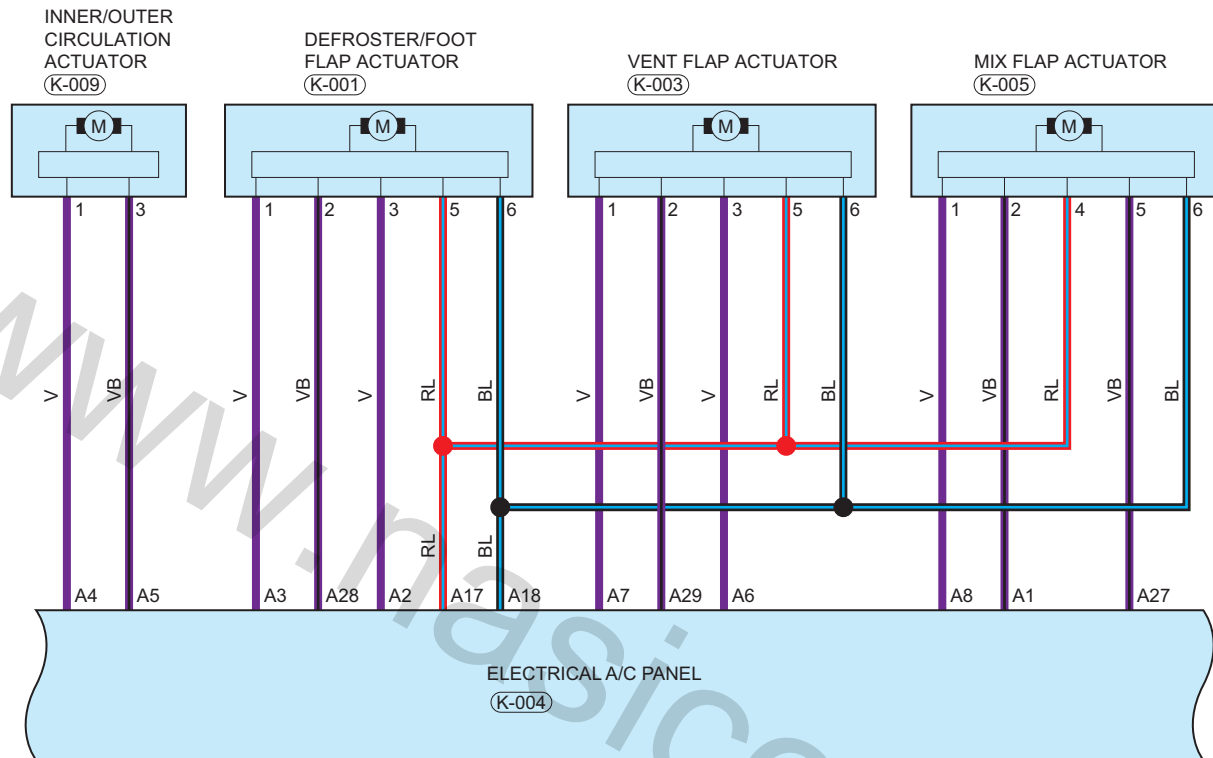
Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
K-008	08-20	K-007	08-20	K-010	08-20
K-004	08-20	K-002	08-20		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
K-008	12-17	K-007	12-17	K-010	12-17
K-004	12-17	K-002	12-17		

Circuit Diagram (Page 3 of 5)



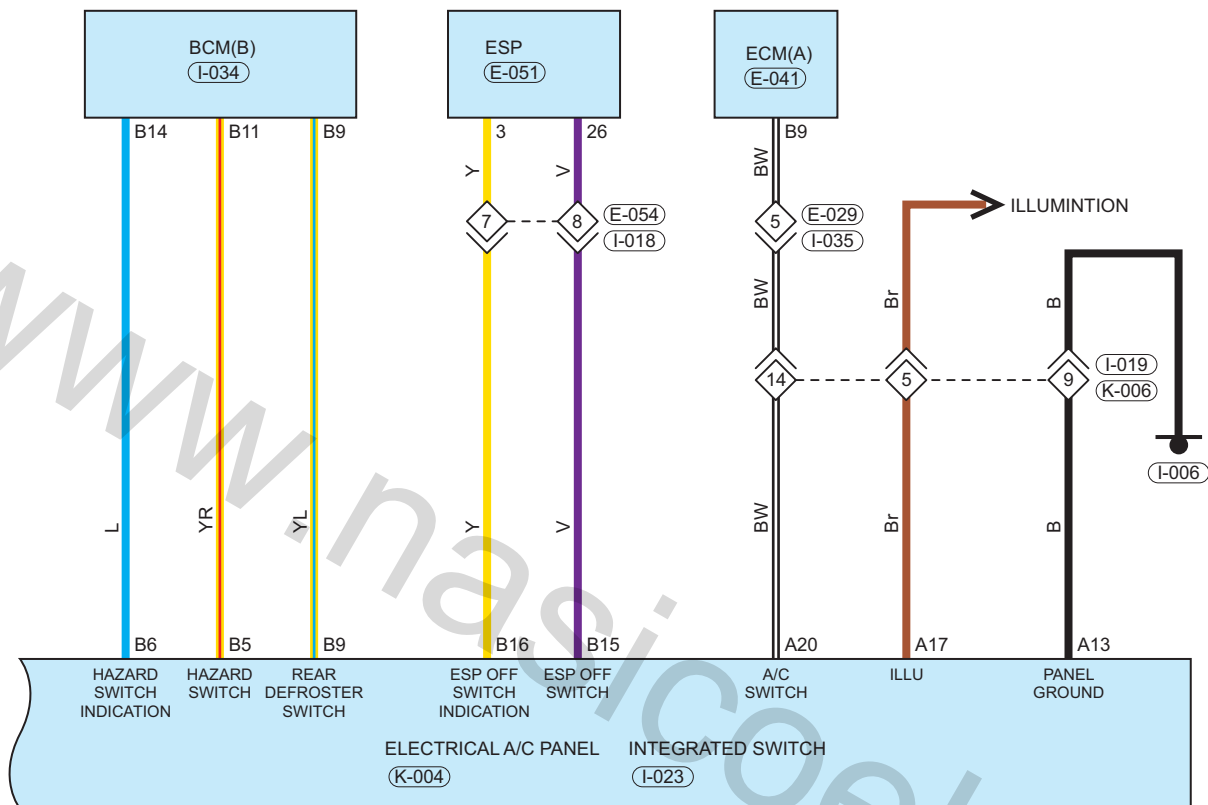
Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
K-004	08-20	K-005	08-20	K-003	08-20
K-001	08-20	K-009	08-20		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
K-004	12-17	K-005	12-17	K-003	12-17
K-001	12-17	K-009	12-17		

Circuit Diagram (Page 4 of 5)



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EA13T090350

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-034	08-10	E-051	08-5 (MT) 08-7 (AT)	E-041	08-5 (MT) 08-7 (AT)
I-006	08-10	I-023	08-10	K-004	08-20

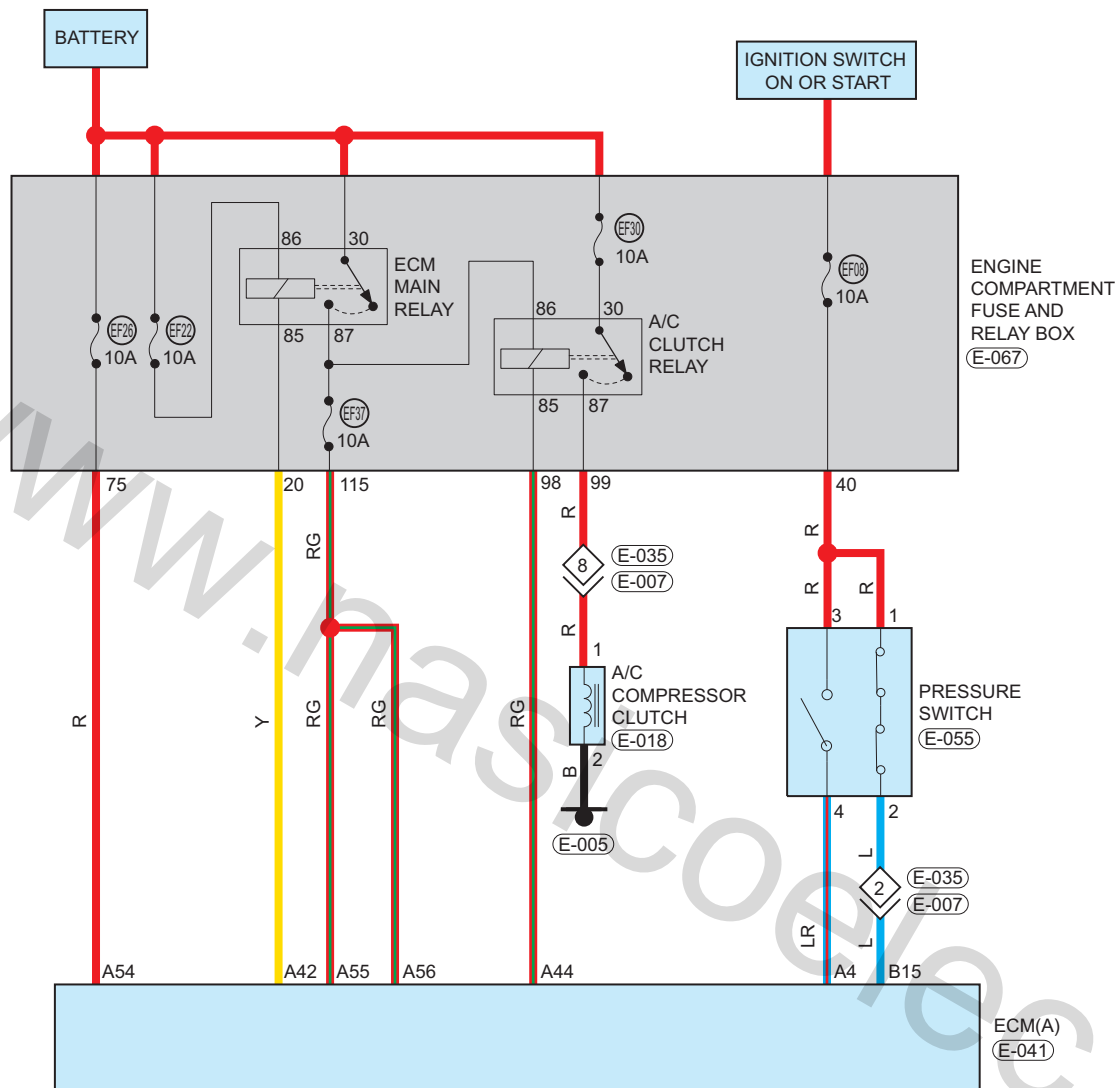
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-054, I-018	08-5, 08-10 (MT) 08-7, 08-10 (AT)	E-029, I-035	08-5, 08-10 (MT) 08-7, 08-10 (AT)	I-019, K-006	08-10, 08-20

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-034	12-9	E-051	12-5	E-041	12-4
I-006	12-7	I-023	12-8	K-004	12-17
E-054, I-018	12-5	E-029, I-035	12-3	I-019, K-006	12-8

Circuit Diagram (Page 5 of 5)



Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-055	08-5 (MT) 08-7 (AT)	E-041	08-5 (MT) 08-7 (AT)
E-018	08-3	E-005	08-3		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF08	06-2	Engine Compartment Fuse and Relay Box
EF22	06-2	Engine Compartment Fuse and Relay Box
EF26	06-2	Engine Compartment Fuse and Relay Box
EF30	06-2	Engine Compartment Fuse and Relay Box
EF37	06-2	Engine Compartment Fuse and Relay Box
ECM Main Relay	06-2	Engine Compartment Fuse and Relay Box
A/C Clutch Relay	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

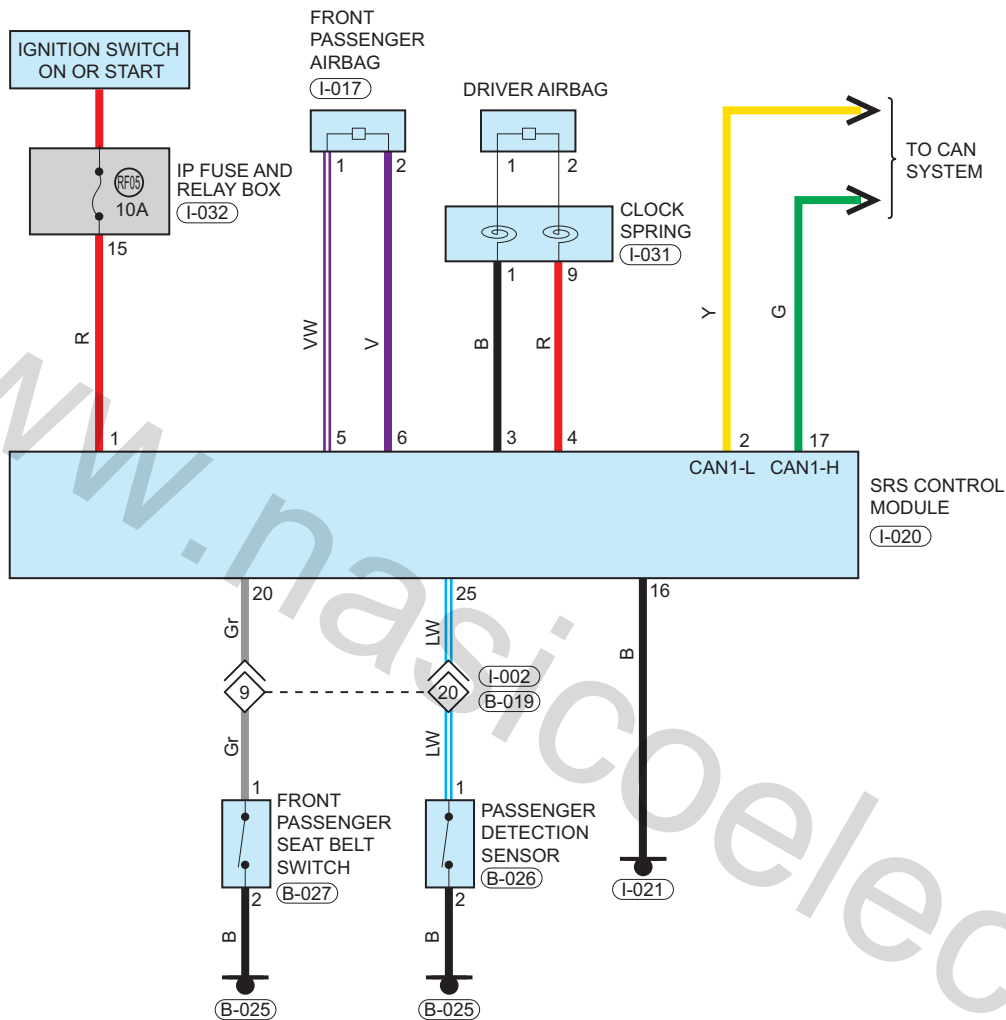
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-055	12-5	E-041	12-4
E-018	12-3	E-005	12-2	E-035, E-007	12-4

Supplemental Restraint System

Circuit Diagram (Page 1 of 1)



Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	08-10	I-017	08-10	I-031	08-10
I-020	08-10	I-021	08-10	B-025	08-12
B-026	08-12	B-027	08-12		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF05	06-10	IP Fuse and Relay Box

Location of Junction Connector

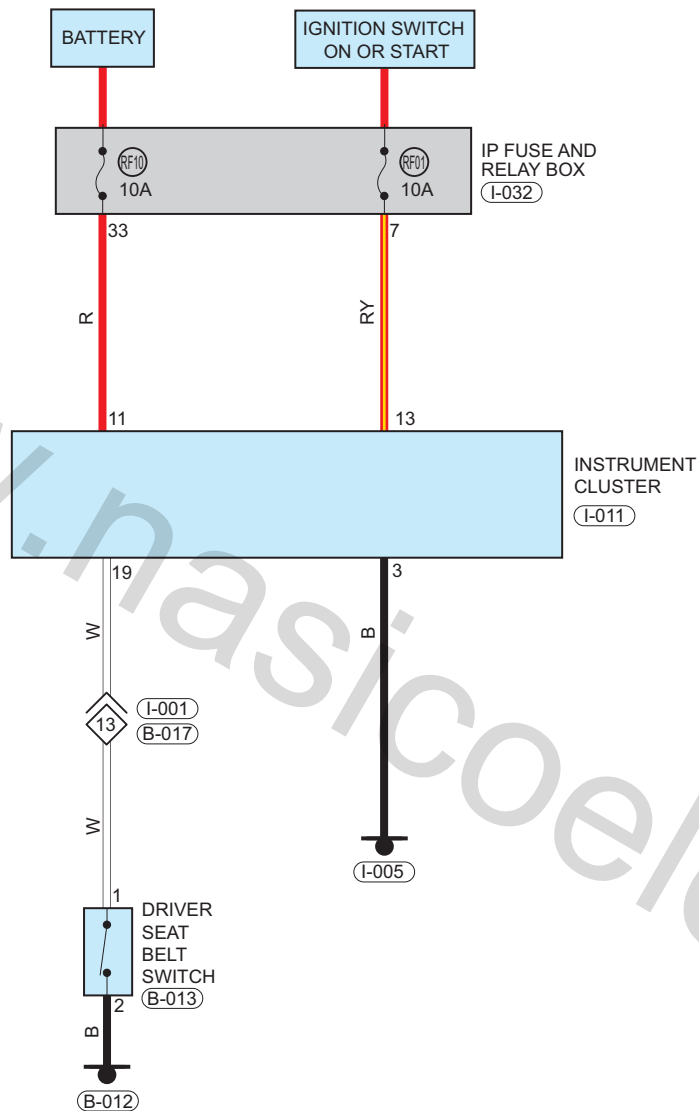
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-002, B-019	08-10, 08-12				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	12-9	I-017	12-7	I-031	12-8
I-020	12-8	I-021	12-8	B-025	12-12
B-026	12-12	B-027	12-12	I-002, B-019	12-7

Seat Belt

Circuit Diagram (Page 1 of 1)



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EA13T090380

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	08-10	I-011	08-10	I-005	08-10
B-013	08-12	B-012	08-12		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF10	06-10	IP Fuse and Relay Box

Location of Junction Connector

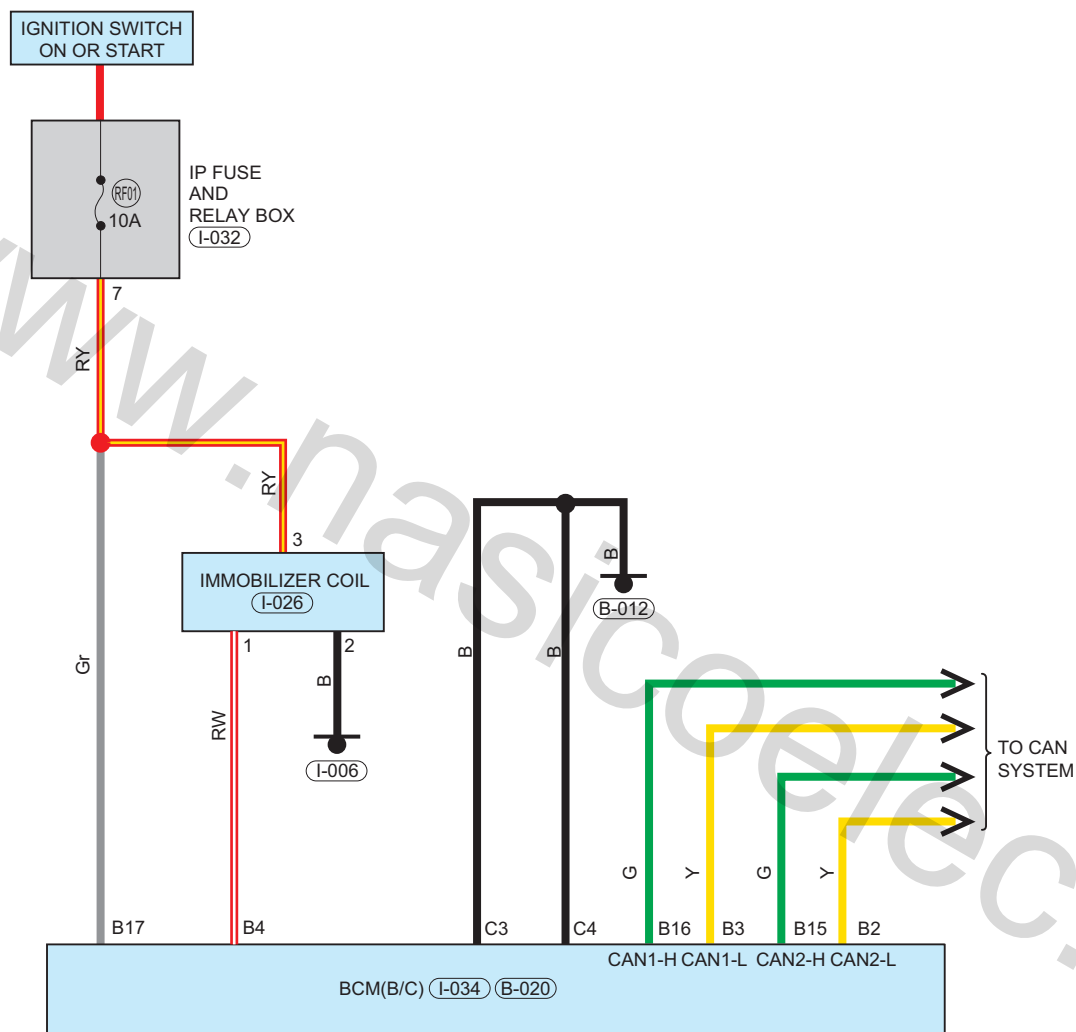
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-001, B-017	08-10, 08-12				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	12-9	I-011	12-7	I-005	12-7
B-013	12-10	B-012	12-10	I-001, B-017	12-7

Engine Immobilizer

Circuit Diagram (Page 1 of 1)



EA13T090390

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	08-10	I-026	08-10	I-006	08-10
I-034	08-10	B-020	08-12	B-012	08-12

Fuse and Relay

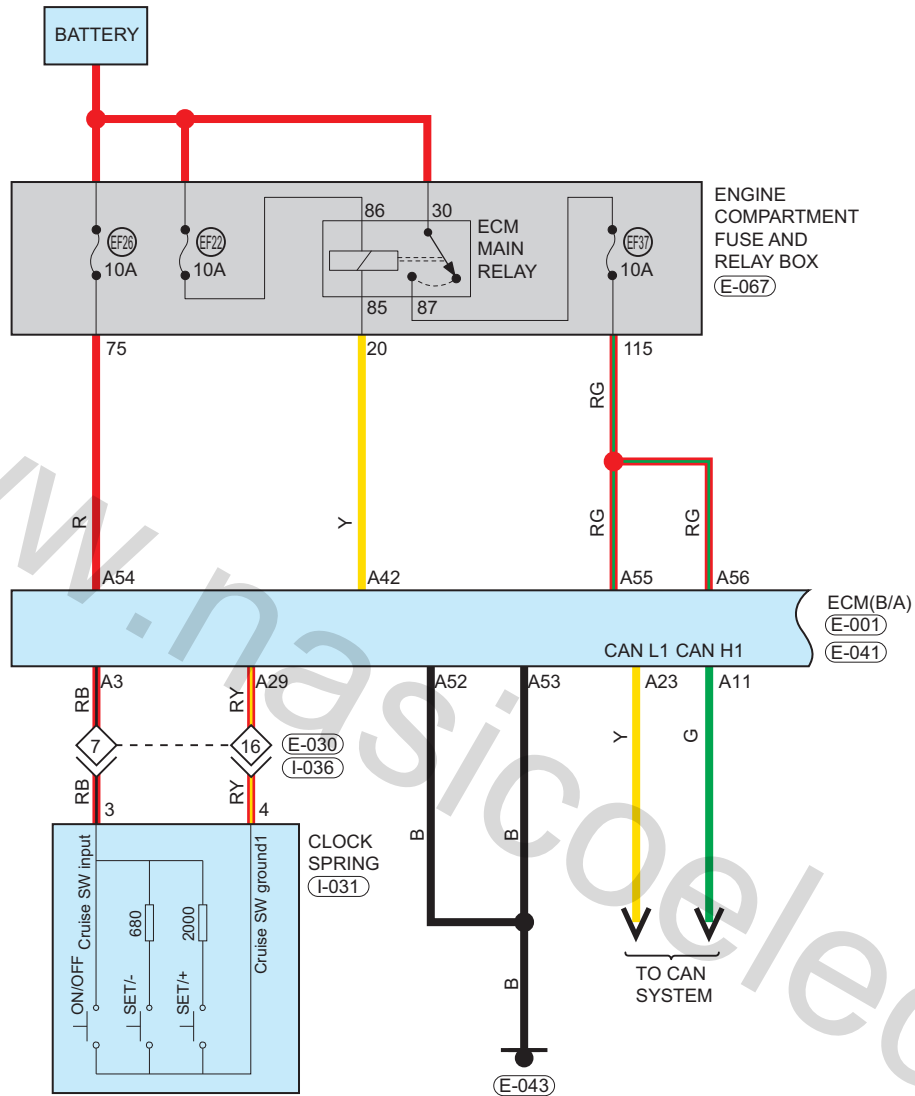
Fuse/Relay	See Page	Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	12-9	I-026	12-8	I-006	12-7
I-034	12-9	B-020	12-11	B-012	12-10

Cruise Control System

Circuit Diagram (Page 1 of 2)



09

EA13T090400

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-001	08-3	E-041	08-5 (MT) 08-7 (AT)
I-031	08-10	E-043	08-5 (MT) 08-7 (AT)		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF22	06-2	Engine Compartment Fuse and Relay Box
EF26	06-2	Engine Compartment Fuse and Relay Box
EF37	06-2	Engine Compartment Fuse and Relay Box
ECM Main Relay	06-2	Engine Compartment Fuse and Relay Box

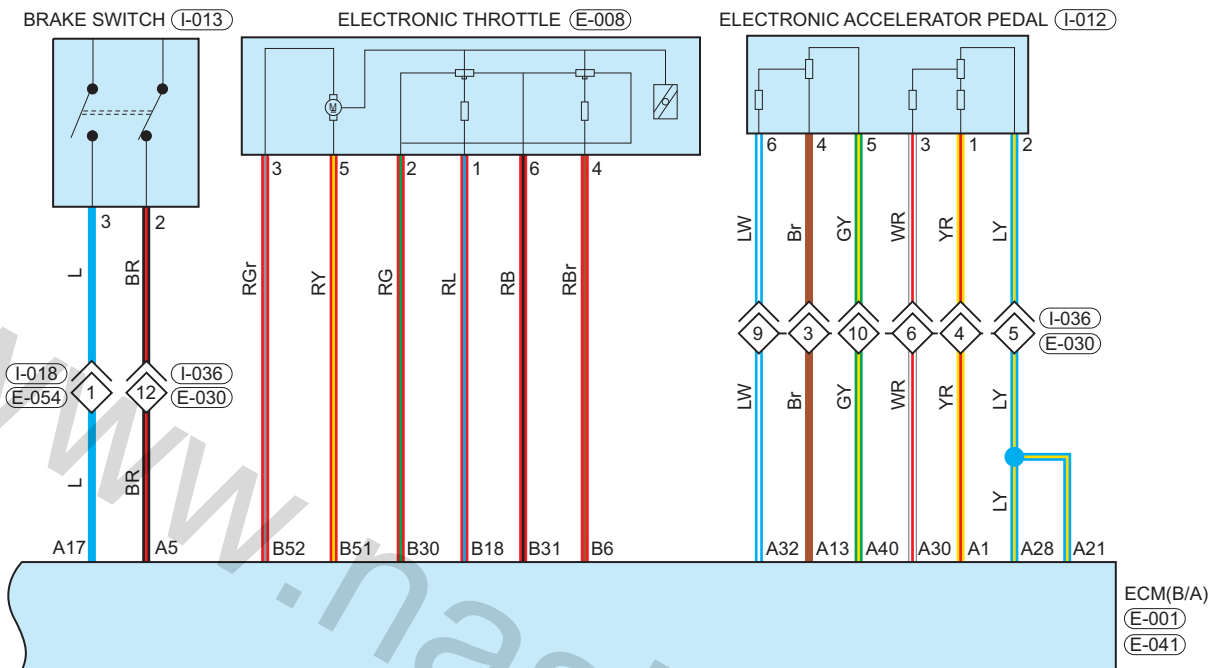
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-030, I-036	08-5, 08-10 (MT) 08-7, 08-10 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-001	12-2	E-041	12-4
I-031	12-8	E-043	12-4	E-030, I-036	12-3

Circuit Diagram (Page 2 of 2)



Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-013	08-10	E-008	08-3	I-012	08-10
E-001	08-3	E-041	08-5 (MT) 08-7 (AT)		

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-018, E-054	08-10, 08-5 (MT) 08-10, 08-7 (AT)	I-036, E-030	08-10, 08-5 (MT) 08-10, 08-7 (AT)		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-013	12-7	E-008	12-2	I-012	12-7
E-001	12-2	E-041	12-4	I-018, E-054	12-8
I-036, E-030	12-9				

Circuit Diagram (Page 1 of 2)



Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-060	08-5 (MT) 08-7 (AT)	E-061	08-5 (MT) 08-7 (AT)
E-050	08-5 (MT) 08-7 (AT)	E-049	08-5 (MT) 08-7 (AT)	E-066	08-5 (MT) 08-7 (AT)
E-059	08-5 (MT) 08-7 (AT)				

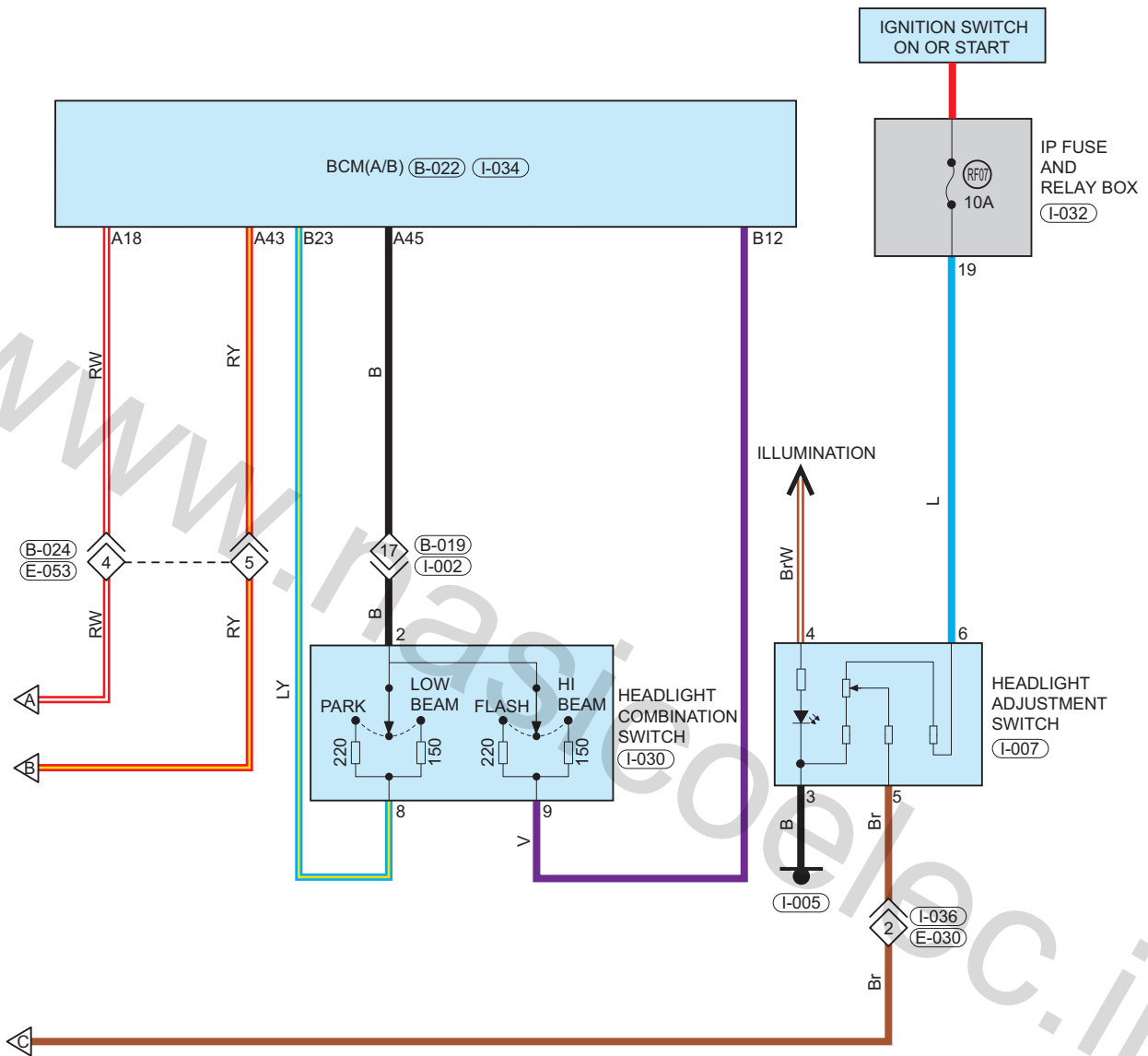
Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF03	06-2	Engine Compartment Fuse and Relay Box
EF04	06-2	Engine Compartment Fuse and Relay Box
EF22	06-2	Engine Compartment Fuse and Relay Box
EF33	06-2	Engine Compartment Fuse and Relay Box
EF34	06-2	Engine Compartment Fuse and Relay Box
Low Beam Relay	06-2	Engine Compartment Fuse and Relay Box
High Beam Relay	06-2	Engine Compartment Fuse and Relay Box

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-060	12-5	E-061	12-5
E-050	12-5	E-049	12-4	E-066	12-5
E-059	12-5				

Circuit Diagram (Page 2 of 2)



EA13T090430

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-022	08-12	I-034	08-10	I-032	08-10
I-007	08-10	I-005	08-10	I-030	08-10

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF07	06-10	IP Fuse and Relay Box

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-036, E-030	08-10, 08-5 (MT) 08-10, 08-7 (AT)	B-019, I-002	08-12, 08-10	B-024, E-053	08-12, 08-5 (MT) 08-12, 08-7 (AT)

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-022	12-11	I-034	12-9	I-032	12-9
I-007	12-7	I-005	12-7	I-030	12-8
I-036, E-030	12-9	B-019, I-002	12-11	B-024, E-053	12-12



Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	B-022	08-12	I-034	08-10
B-020	08-12	E-033	08-5 (MT) 08-7 (AT)	B-021	08-12
I-032	08-10	I-030	08-10	I-023	08-10

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF26	06-10	IP Fuse and Relay Box
EF16	06-2	Engine Compartment Fuse and Relay Box
EF18	06-2	Engine Compartment Fuse and Relay Box
EF21	06-2	Engine Compartment Fuse and Relay Box
EF23	06-2	Engine Compartment Fuse and Relay Box
SB02	06-2	Engine Compartment Fuse and Relay Box
SB04	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)	B-019, I-002	08-12, 08-10
B-017, I-001	08-12, 08-10				

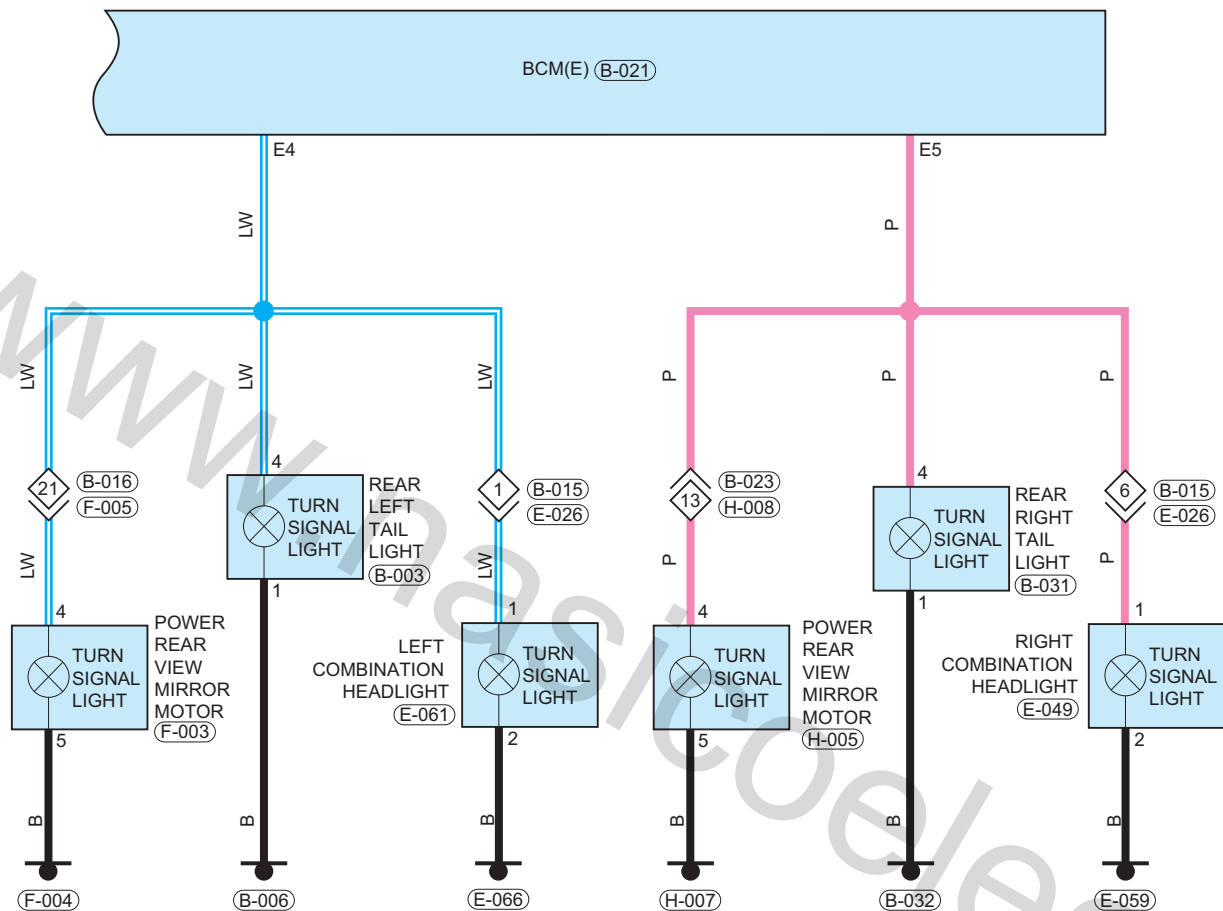
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Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	B-022	12-11	I-034	12-9
B-020	12-11	E-033	12-3	B-021	12-11
I-032	12-9	I-030	12-8	I-023	12-8
E-026, B-015	12-3	E-053, B-024	12-5	B-019, I-002	12-11
B-017, I-001	12-11				



Circuit Diagram (Page 2 of 2)



EA13T090450

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-021	08-12	F-003	08-14	F-004	08-14
B-003	08-12	B-006	08-12	E-061	08-5 (MT) 08-7 (AT)
E-066	08-5 (MT) 08-7 (AT)	H-005	08-15	H-007	08-15
B-031	08-12	B-032	08-12	E-049	08-5 (MT) 08-7 (AT)
E-059	08-5 (MT) 08-7 (AT)				

Location of Junction Connector

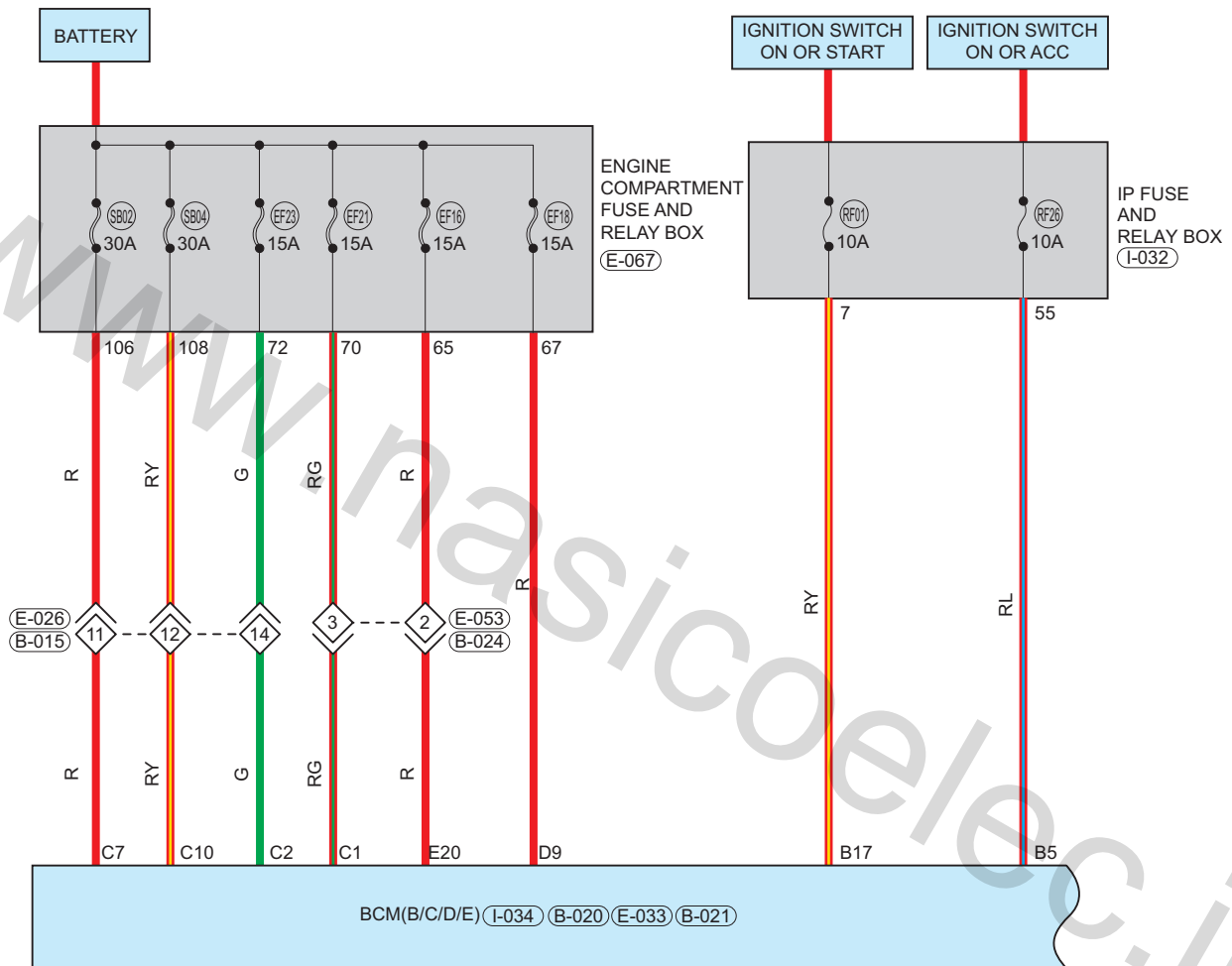
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-016, F-005	08-12, 08-14	B-015, E-026	08-12, 08-5 (MT) 08-12, 08-7 (AT)	B-023, H-008	08-12, 08-15

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-021	12-11	F-003	12-13	F-004	12-13
B-003	12-10	B-006	12-10	E-061	12-5
E-066	12-5	H-005	12-13	H-007	12-13
B-031	12-12	B-032	12-12	E-049	12-4
E-059	12-5	B-016, F-005	12-11	B-015, E-026	12-11
B-023, H-008	12-12				

Rear Fog Light

Circuit Diagram (Page 1 of 2)



EA13T090460

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	I-032	08-10	I-034	08-10
B-020	08-12	E-033	08-5 (MT) 08-7 (AT)	B-021	08-12

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF26	06-10	IP Fuse and Relay Box
EF16	06-2	Engine Compartment Fuse and Relay Box
EF18	06-2	Engine Compartment Fuse and Relay Box
EF21	06-2	Engine Compartment Fuse and Relay Box
EF23	06-2	Engine Compartment Fuse and Relay Box
SB02	06-2	Engine Compartment Fuse and Relay Box
SB04	06-2	Engine Compartment Fuse and Relay Box

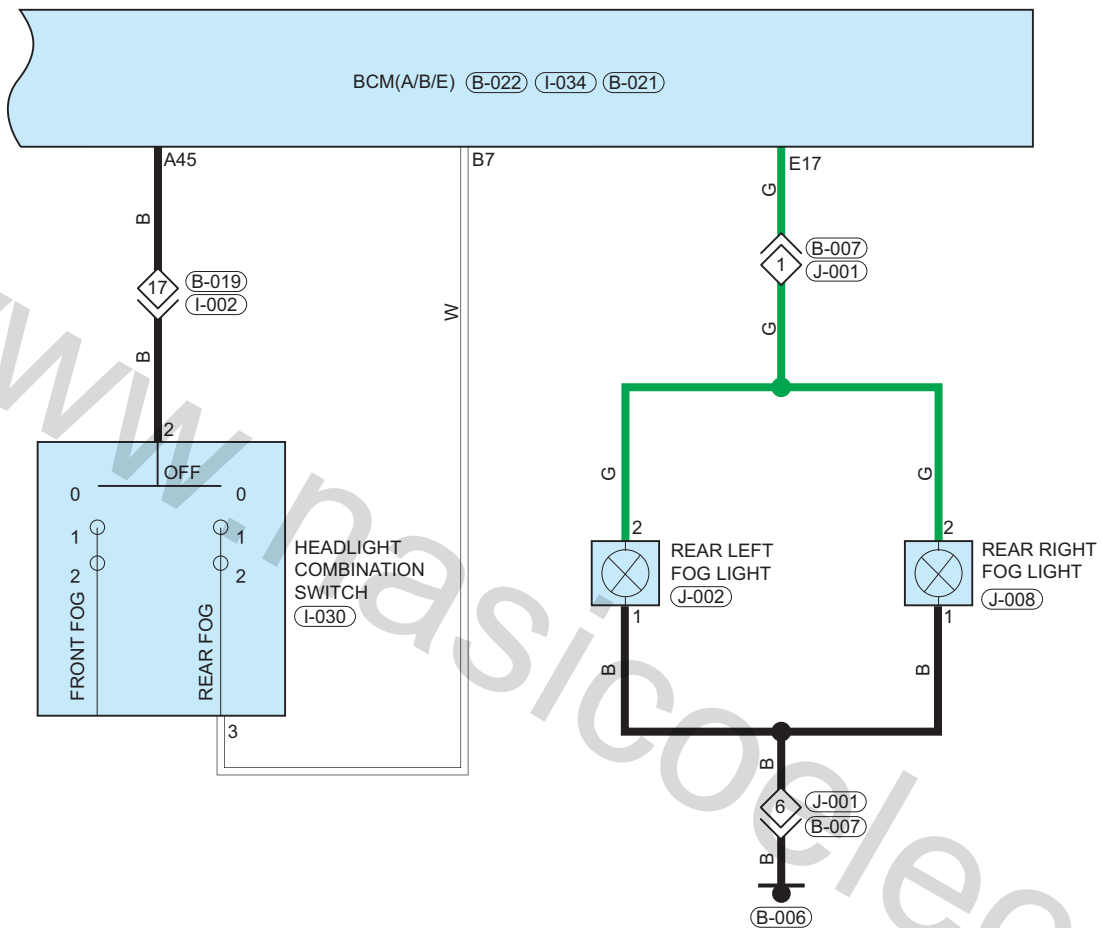
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	I-032	12-9	I-034	12-9
B-020	12-11	E-033	12-3	B-021	12-11
E-026, B-015	12-3	E-053, B-024	12-5		

Circuit Diagram (Page 2 of 2)



09

EA13T090470

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-022	08-12	I-034	08-10	B-021	08-12
I-030	08-10	J-002	08-21	J-008	08-21
B-006	08-12				

Location of Junction Connector

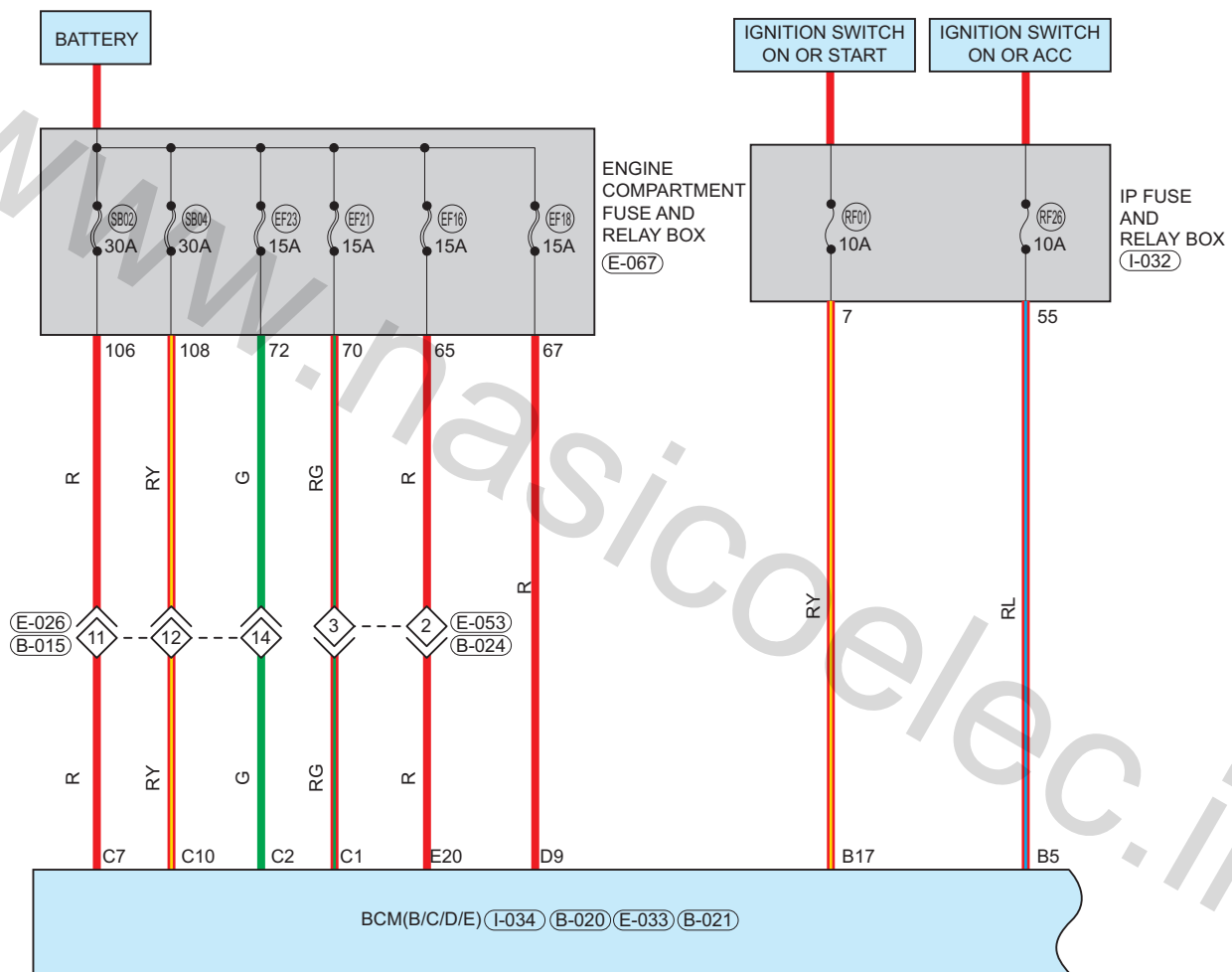
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-019, I-002	08-12, 08-10	B-007, J-001	08-12, 08-21		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-022	12-11	I-034	12-9	B-021	12-11
I-030	12-8	J-002	12-15	J-008	12-15
B-006	12-10	B-019, I-002	12-11	B-007, J-001	12-10

Position Light

Circuit Diagram (Page 1 of 2)



EA13T090480

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	I-032	08-10	I-034	08-10
B-020	08-12	E-033	08-5 (MT) 08-7 (AT)	B-021	08-12

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF26	06-10	IP Fuse and Relay Box
EF16	06-2	Engine Compartment Fuse and Relay Box
EF 18	06-2	Engine Compartment Fuse and Relay Box
EF 21	06-2	Engine Compartment Fuse and Relay Box
EF23	06-2	Engine Compartment Fuse and Relay Box
SB02	06-2	Engine Compartment Fuse and Relay Box
SB04	06-2	Engine Compartment Fuse and Relay Box

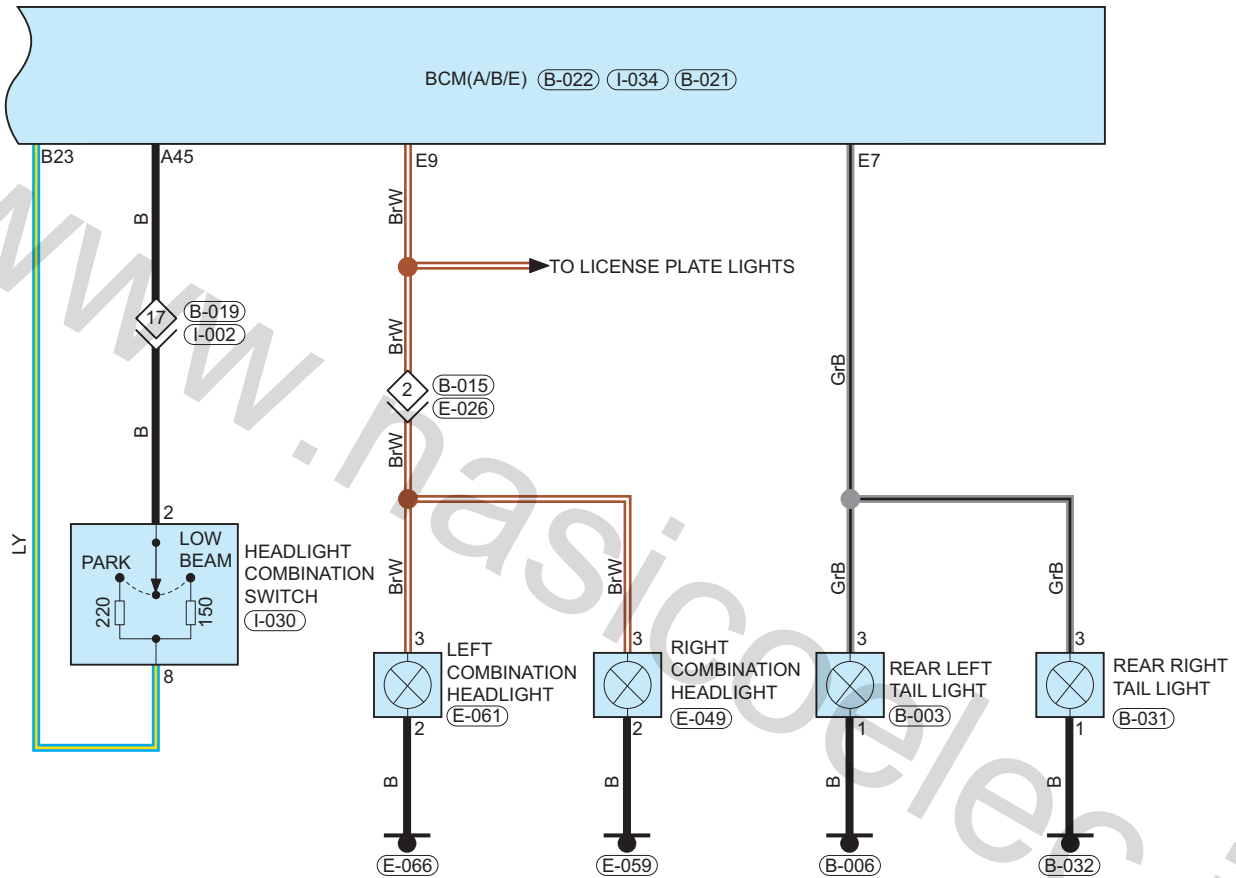
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	I-032	12-9	I-034	12-9
B-020	12-11	E-033	12-3	B-021	12-11
E-026, B-015	12-3	E-053, B-024	12-5		

Circuit Diagram (Page 2 of 2)



EA13T090490

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-022	08-12	I-034	08-10	B-021	08-12
I-030	08-10	E-061	08-5 (MT) 08-7 (AT)	E-066	08-5 (MT) 08-7 (AT)
E-049	08-5 (MT) 08-7 (AT)	E-059	08-5 (MT) 08-7 (AT)	B-003	08-12
B-006	08-12	B-031	08-12	B-032	08-12

Location of Junction Connector

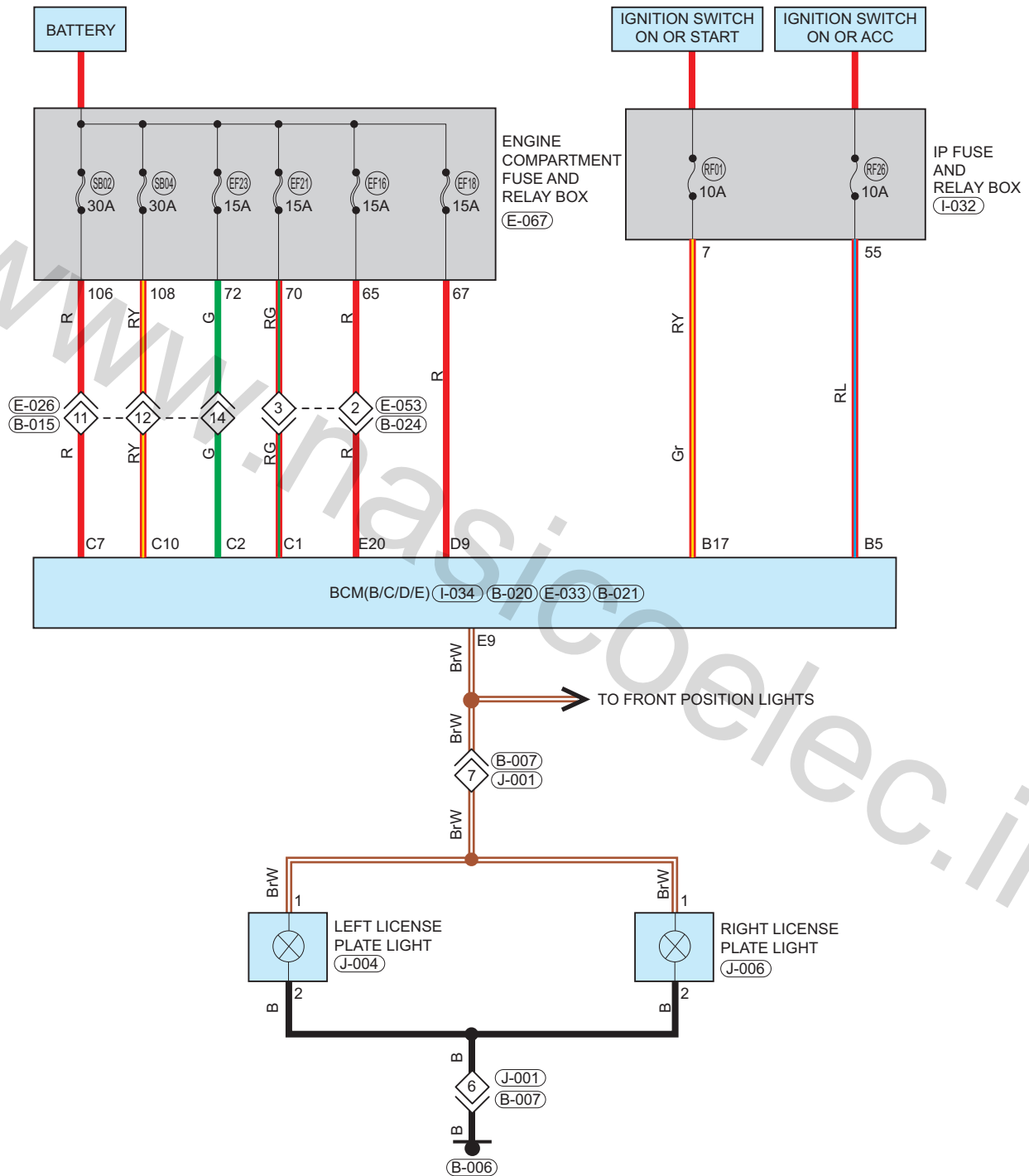
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-019, I-002	08-12, 08-10	B-015, E-026	08-12, 08-5 (MT) 08-12, 08-7 (AT)		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-022	12-11	I-034	12-9	B-021	12-11
I-030	12-8	E-061	12-5	E-066	12-5
E-049	12-4	E-059	12-5	B-003	12-10
B-006	12-10	B-031	12-12	B-032	12-12
B-019, I-002	12-11	B-015, E-026	12-11		

License Plate Light

Circuit Diagram (Page 1 of 1)



EA13T090500

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	I-032	08-10	I-034	08-10
B-020	08-12	E-033	08-5 (MT) 08-7 (AT)	B-021	08-12
J-004	08-21	J-006	08-21	B-006	08-12

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF26	06-10	IP Fuse and Relay Box
EF16	06-2	Engine Compartment Fuse and Relay Box
EF18	06-2	Engine Compartment Fuse and Relay Box
EF21	06-2	Engine Compartment Fuse and Relay Box
EF23	06-2	Engine Compartment Fuse and Relay Box
SB02	06-2	Engine Compartment Fuse and Relay Box
SB04	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

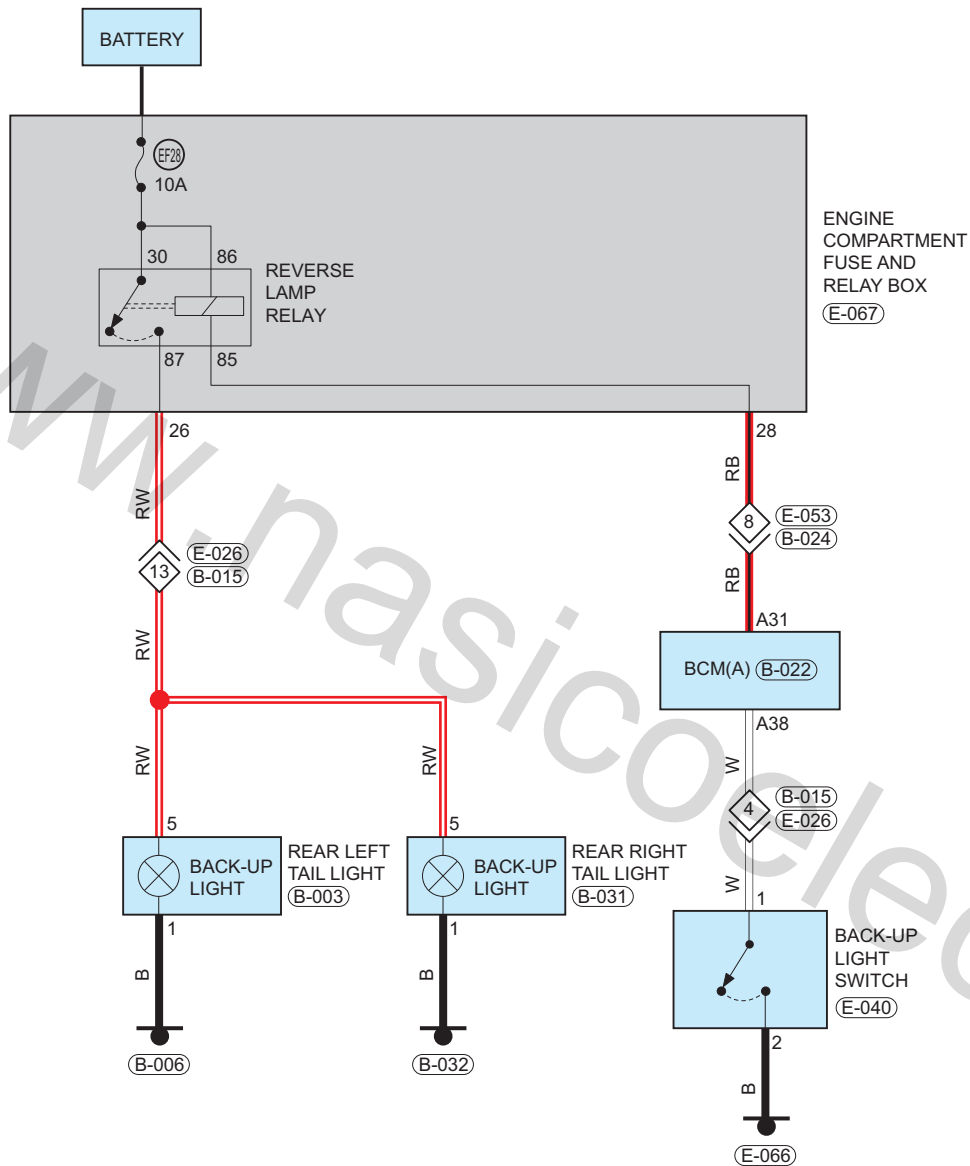
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)	B-007, J-001	08-12, 08-21

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	I-032	12-9	I-034	12-9
B-020	12-11	E-033	12-3	B-021	12-11
J-004	12-15	J-006	12-15	B-006	12-10
E-026, B-015	12-3	E-053, B-024	12-5	B-007, J-001	12-10

Back-up Light

Circuit Diagram (Page 1 of 1)



EA13T090510

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	B-022	08-12	E-040	08-5 (MT) 08-7 (AT)
E-066	08-5 (MT) 08-7 (AT)	B-031	08-12	B-032	08-12
B-003	08-12	B-006	08-12		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF28	06-2	Engine Compartment Fuse and Relay Box
Reverse Lamp Relay	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

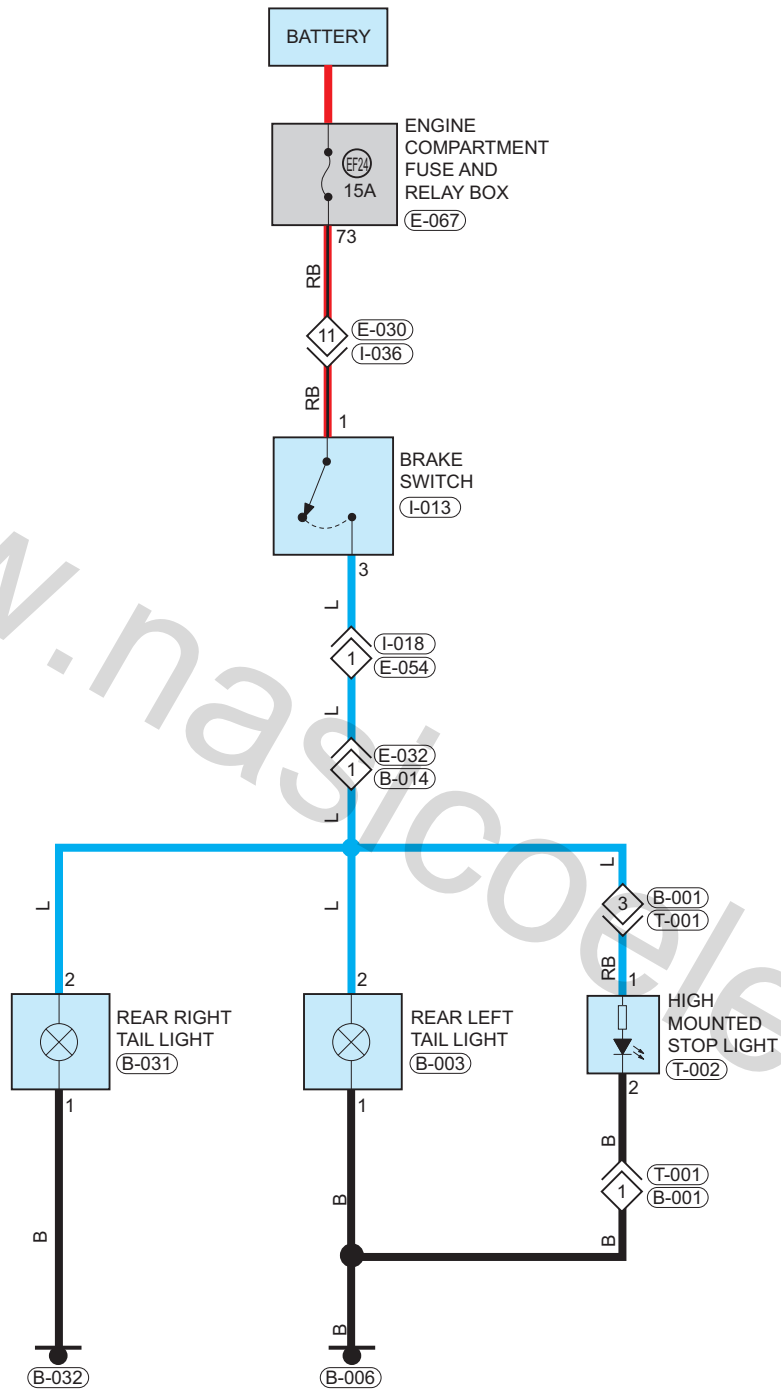
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	B-022	12-11	E-040	12-4
E-066	12-5	B-031	12-12	B-032	12-12
B-003	12-10	B-006	12-10	E-026, B-015	12-3
E-053, B-024	12-5				

Brake Light

Circuit Diagram (Page 1 of 1)



EA13T090520

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	I-013	08-10	B-031	08-12
B-003	08-12	T-002	08-18	B-032	08-12
B-006	08-12				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF24	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

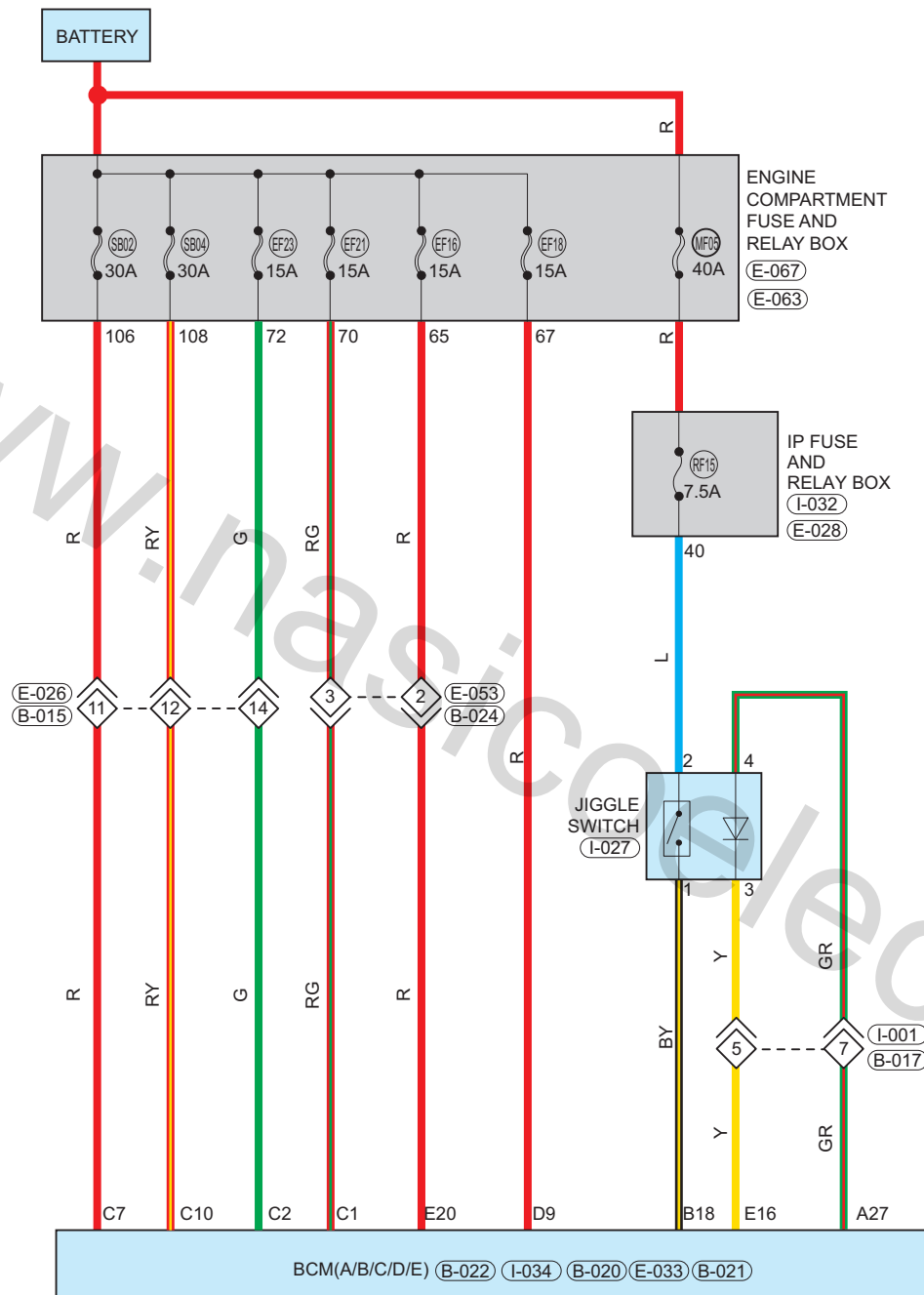
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-030, I-036	08-5, 08-10 (MT) 08-7, 08-10 (AT)	I-018, E-054	08-10, 08-5 (MT) 08-10, 08-7 (AT)	E-032, B-014	08-5, 08-12 (MT) 08-7, 08-12 (AT)
B-001, T-001	08-12, 08-18				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	I-013	12-7	B-031	12-12
B-003	12-10	T-002	12-15	B-032	12-12
B-006	12-10	E-030, I-036	12-3	I-018, E-054	12-8
E-032, B-014	12-3	B-001, T-001	12-10		

Keyhole Light

Circuit Diagram (Page 1 of 1)



EA13T090530

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-063	08-5 (MT) 08-7 (AT)	I-032	08-10
E-028	08-5 (MT) 08-7 (AT)	I-027	08-10	B-022	08-12
I-034	08-10	B-020	08-12	E-033	08-5 (MT) 08-7 (AT)
B-021	08-12				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF15	06-10	IP Fuse and Relay Box
EF16	06-2	Engine Compartment Fuse and Relay Box
EF18	06-2	Engine Compartment Fuse and Relay Box
EF21	06-2	Engine Compartment Fuse and Relay Box
EF23	06-2	Engine Compartment Fuse and Relay Box
SB02	06-2	Engine Compartment Fuse and Relay Box
SB04	06-2	Engine Compartment Fuse and Relay Box
MF05	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)	I-001, B-017	08-10, 08-12

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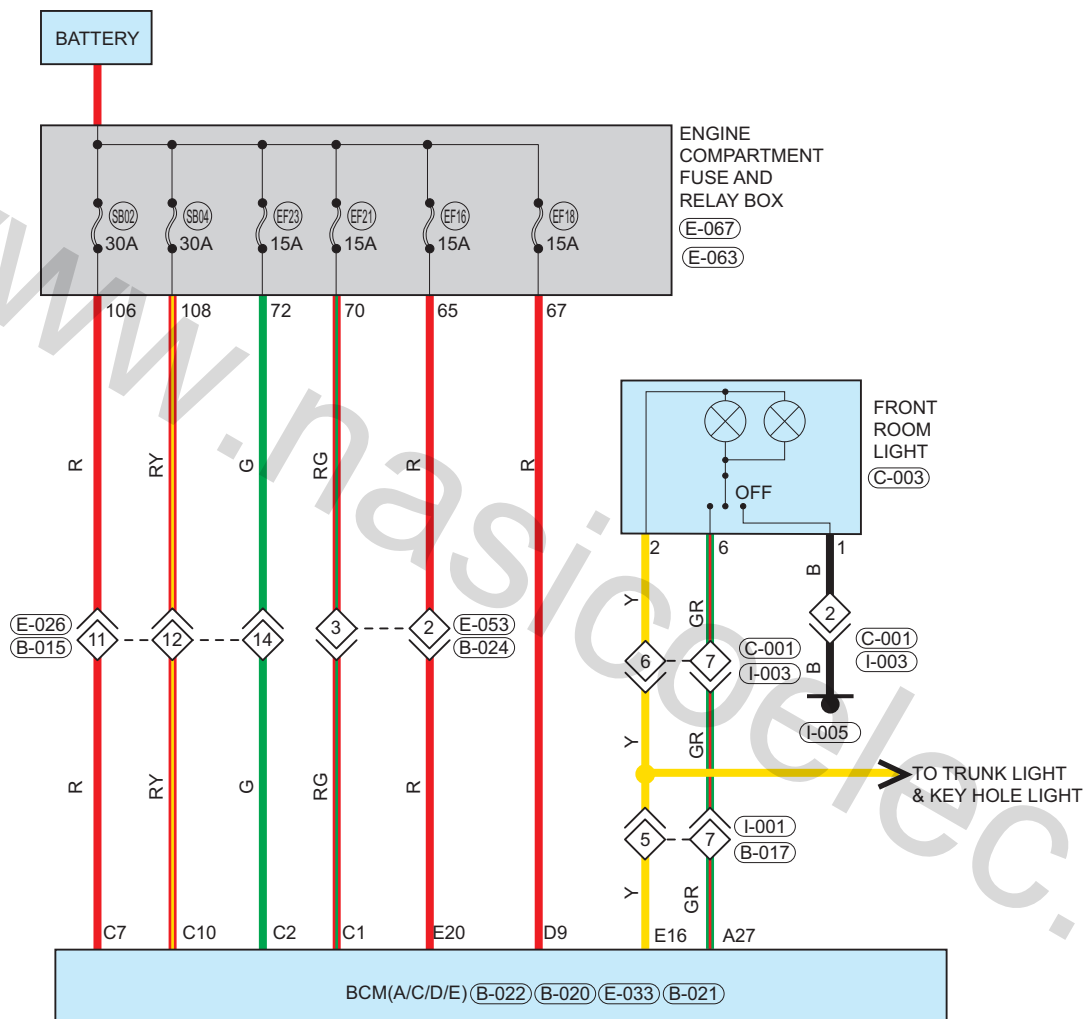
Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-063	12-5	I-032	12-9
E-028	12-3	I-027	12-8	B-022	12-11
I-034	12-9	B-020	12-11	E-033	12-3
B-021	12-11	E-026, B-015	12-3	E-053, B-024	12-5
I-001, B-017	12-7				



Front Room Light

Circuit Diagram (Page 1 of 1)



EA13T090540

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-063	08-5 (MT) 08-7 (AT)	C-003	08-19
I-005	08-10	B-022	08-12	B-020	08-12
E-033	08-5 (MT) 08-7 (AT)	B-021	08-12		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF16	06-2	Engine Compartment Fuse and Relay Box
EF18	06-2	Engine Compartment Fuse and Relay Box
EF21	06-2	Engine Compartment Fuse and Relay Box
EF23	06-2	Engine Compartment Fuse and Relay Box
SB02	06-2	Engine Compartment Fuse and Relay Box
SB04	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

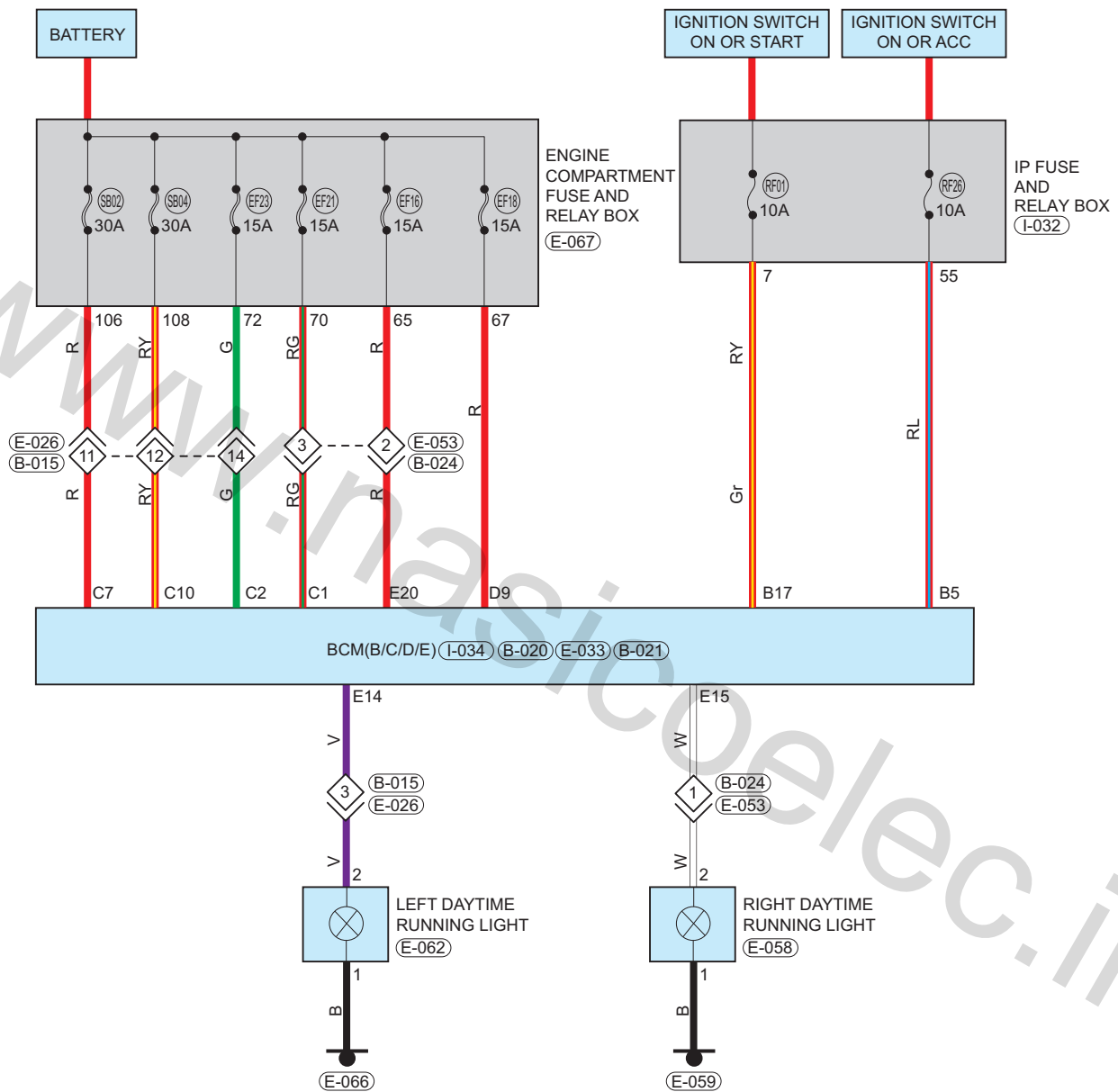
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)	C-001, I-003	08-19, 08-10
I-001, B-017	08-10, 08-12				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-063	12-5	C-003	12-16
I-005	12-7	B-022	12-11	B-020	12-11
E-033	12-3	B-021	12-11	I-001, B-017	12-7
E-026, B-015	12-3	E-053, B-024	12-5	C-001, I-003	12-16

Daytime Running Light

Circuit Diagram (Page 1 of 1)



EA13T090550

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	I-032	08-10	I-034	08-10
B-020	08-12	E-033	08-5 (MT) 08-7 (AT)	B-021	08-12
E-062	08-5 (MT) 08-7 (AT)	E-066	08-5 (MT) 08-7 (AT)	E-058	08-5 (MT) 08-7 (AT)
E-059	08-5 (MT) 08-7 (AT)				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF16	06-2	Engine Compartment Fuse and Relay Box
EF18	06-2	Engine Compartment Fuse and Relay Box
EF21	06-2	Engine Compartment Fuse and Relay Box
EF23	06-2	Engine Compartment Fuse and Relay Box
SB02	06-2	Engine Compartment Fuse and Relay Box
SB04	06-2	Engine Compartment Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF26	06-10	IP Fuse and Relay Box

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)		

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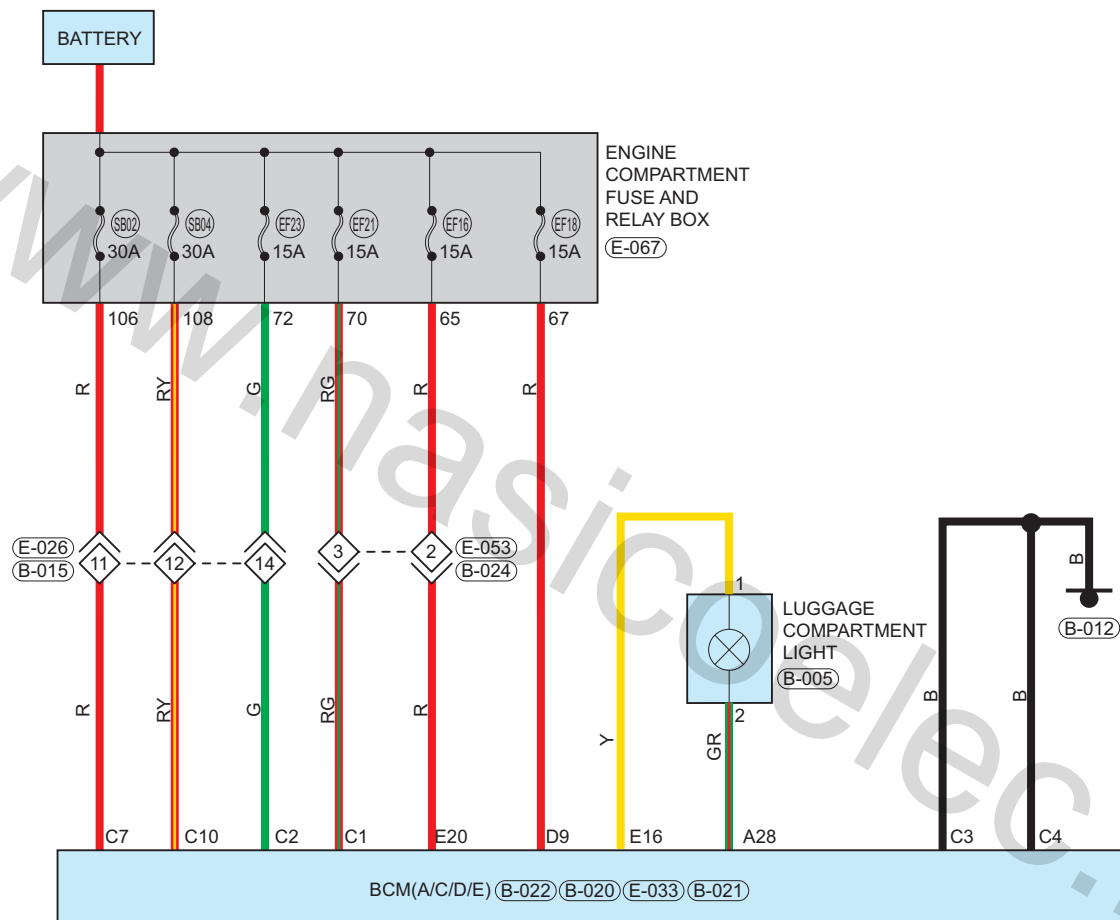
Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	I-032	12-9	I-034	12-9
B-020	12-11	E-033	12-3	B-021	12-11
E-062	12-5	E-066	12-5	E-058	12-5
E-059	12-5	E-026, B-015	12-3	E-053, B-024	12-5



Luggage Compartment Light

Circuit Diagram (Page 1 of 1)



EA13T090560

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	B-005	08-12	B-012	08-12
B-020	08-12	E-033	08-5 (MT) 08-7 (AT)	B-021	08-12
B-022	08-12				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF16	06-2	Engine Compartment Fuse and Relay Box
EF18	06-2	Engine Compartment Fuse and Relay Box
EF21	06-2	Engine Compartment Fuse and Relay Box
EF23	06-2	Engine Compartment Fuse and Relay Box
SB02	06-2	Engine Compartment Fuse and Relay Box
SB04	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

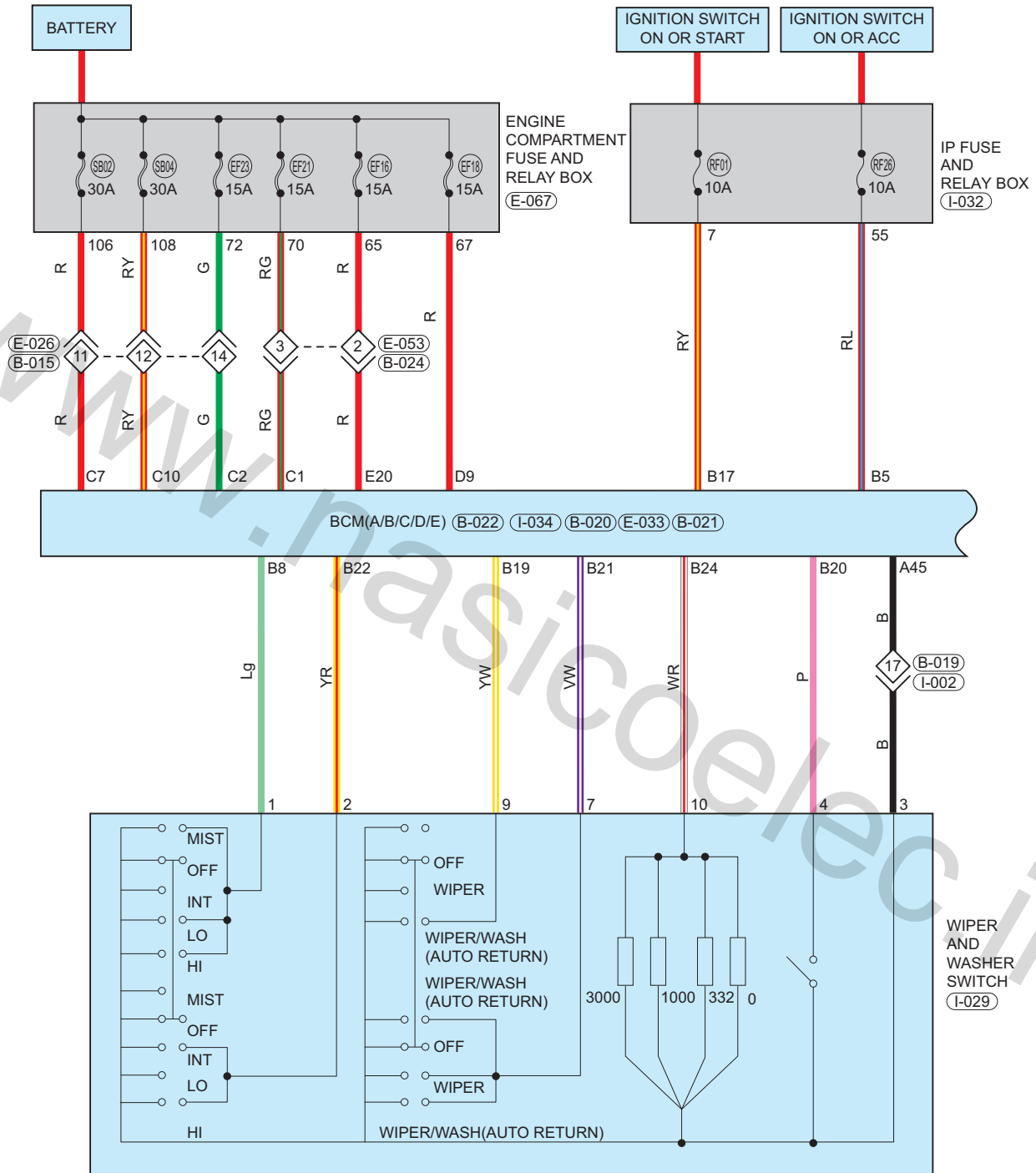
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	B-005	12-10	B-012	12-10
B-020	12-11	E-033	12-3	B-021	12-11
B-022	12-11	E-026, B-015	12-3	E-053, B-024	12-5

Wiper and Washer

Circuit Diagram (Page 1 of 2)



EA13T090570

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	I-032	08-10	I-029	08-10
B-022	08-12	I-034	08-10	B-021	08-12
B-020	08-12	E-033	08-5 (MT) 08-7 (AT)		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF16	06-2	Engine Compartment Fuse and Relay Box
EF18	06-2	Engine Compartment Fuse and Relay Box
EF21	06-2	Engine Compartment Fuse and Relay Box
EF23	06-2	Engine Compartment Fuse and Relay Box
SB02	06-2	Engine Compartment Fuse and Relay Box
SB04	06-2	Engine Compartment Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF26	06-10	IP Fuse and Relay Box

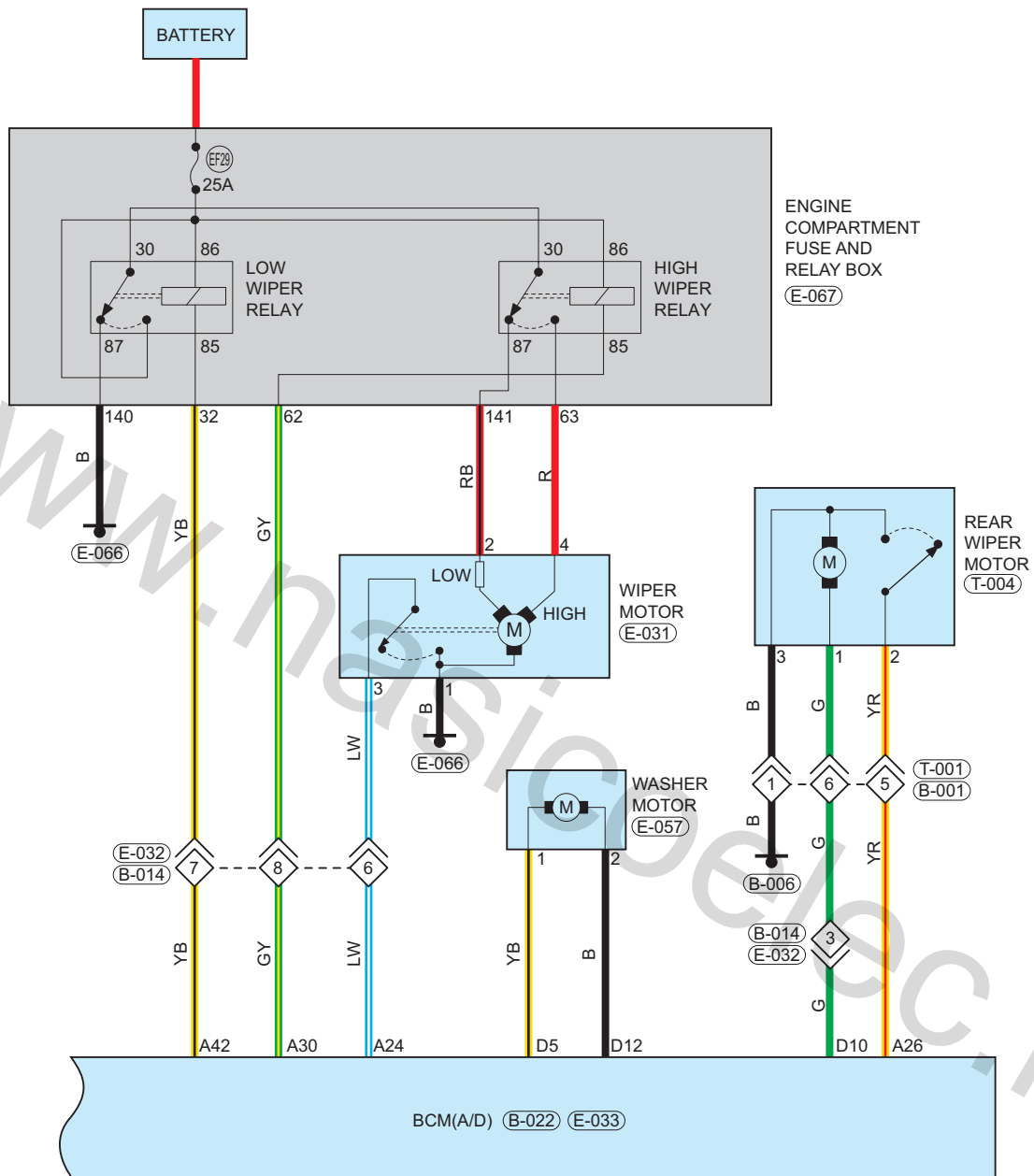
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)	B-019, I-002	08-12, 08-10

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	I-032	12-9	I-029	12-8
B-022	12-11	I-034	12-9	B-021	12-11
B-020	12-11	E-033	12-3	E-026, B-015	12-3
E-053, B-024	12-5	B-019, I-002	12-11		

Circuit Diagram (Page 2 of 2)



EA13T090580

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-066	08-5 (MT) 08-7 (AT)	E-031	08-5 (MT) 08-7 (AT)
E-057	08-5 (MT) 08-7 (AT)	T-004	08-18	B-006	08-12
B-022	08-12	E-033	08-5 (MT) 08-7 (AT)		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF29	06-2	Engine Compartment Fuse and Relay Box
Low Wiper Relay	06-2	Engine Compartment Fuse and Relay Box
High Wiper Relay	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-032, B-014	08-5, 08-12 (MT) 08-7, 08-12 (AT)	T-001, B-001	08-18, 08-12		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-066	12-5	E-031	12-3
E-057	12-5	T-004	12-15	B-006	12-10
B-022	12-11	E-033	12-3	E-032, B-014	12-3
T-001, B-001	12-15				



Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	I-032	08-10	B-022	08-12
I-034	08-10	B-021	08-12	B-020	08-12
E-033	08-5 (MT) 08-7 (AT)	F-001	08-14	F-007	08-14
F-004	08-14	T-005	08-18	T-006	08-18
B-006	08-12				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF16	06-2	Engine Compartment Fuse and Relay Box
EF18	06-2	Engine Compartment Fuse and Relay Box
EF21	06-2	Engine Compartment Fuse and Relay Box
EF23	06-2	Engine Compartment Fuse and Relay Box
SB02	06-2	Engine Compartment Fuse and Relay Box
SB04	06-2	Engine Compartment Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF26	06-10	IP Fuse and Relay Box

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)	B-016, F-005	08-12, 08-14
E-032, B-014	08-5, 08-12 (MT) 08-7, 08-12 (AT)	B-001, T-001	08-12, 08-18		

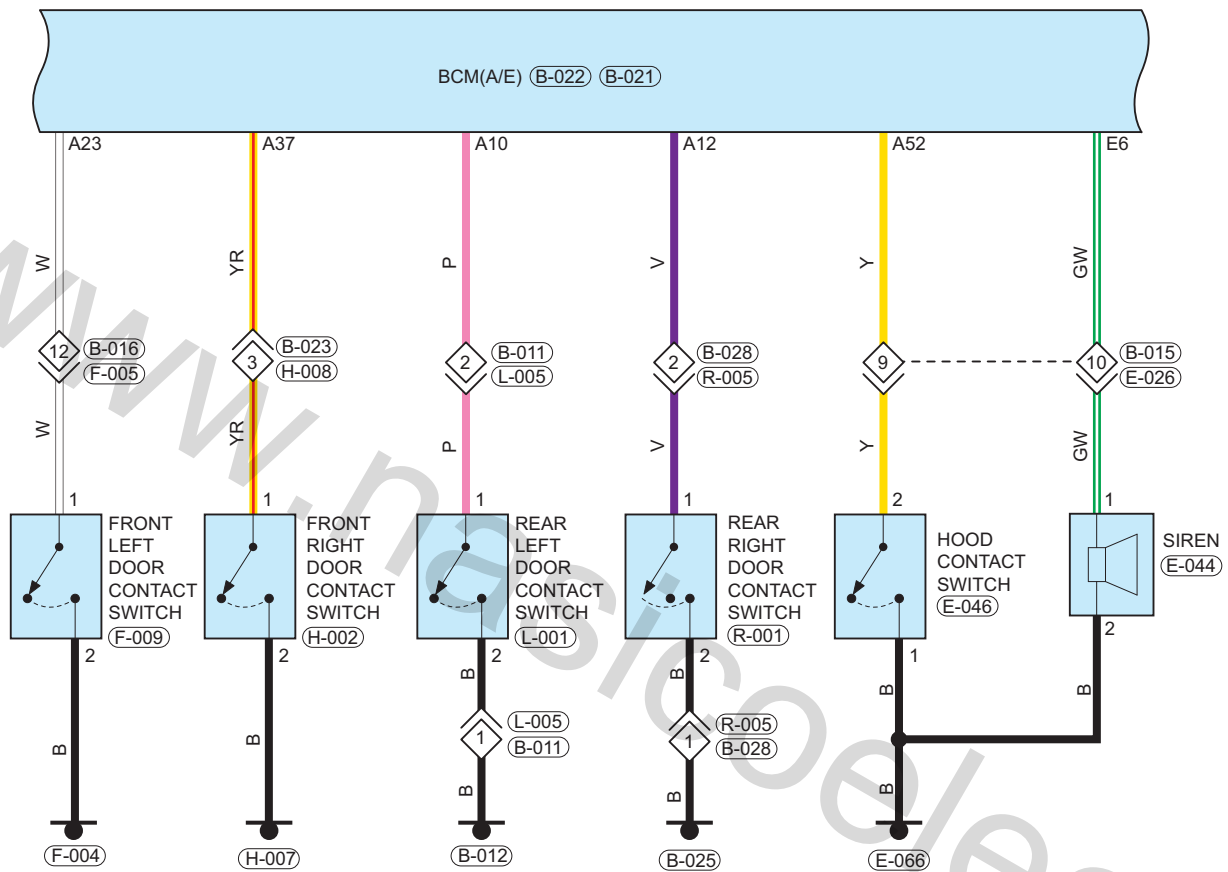
09

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	I-032	12-9	B-022	12-11
I-034	12-9	B-021	12-11	B-020	12-11
E-033	12-3	F-001	12-13	F-007	12-13
F-004	12-13	T-005	12-15	T-006	12-15
B-006	12-10	E-026, B-015	12-3	E-053, B-024	12-5
B-016, F-005	12-11	E-032, B-014	12-3	B-001, T-001	12-10



Circuit Diagram (Page 2 of 3)



09

EA13T090600

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-022	08-12	B-021	08-12	F-009	08-14
F-004	08-14	H-002	08-15	H-007	08-15
L-001	08-16	B-012	08-12	B-025	08-12
R-001	08-17	E-046	08-5 (MT) 08-7 (AT)	E-066	08-5 (MT) 08-7 (AT)
E-044	08-5 (MT) 08-7 (AT)				

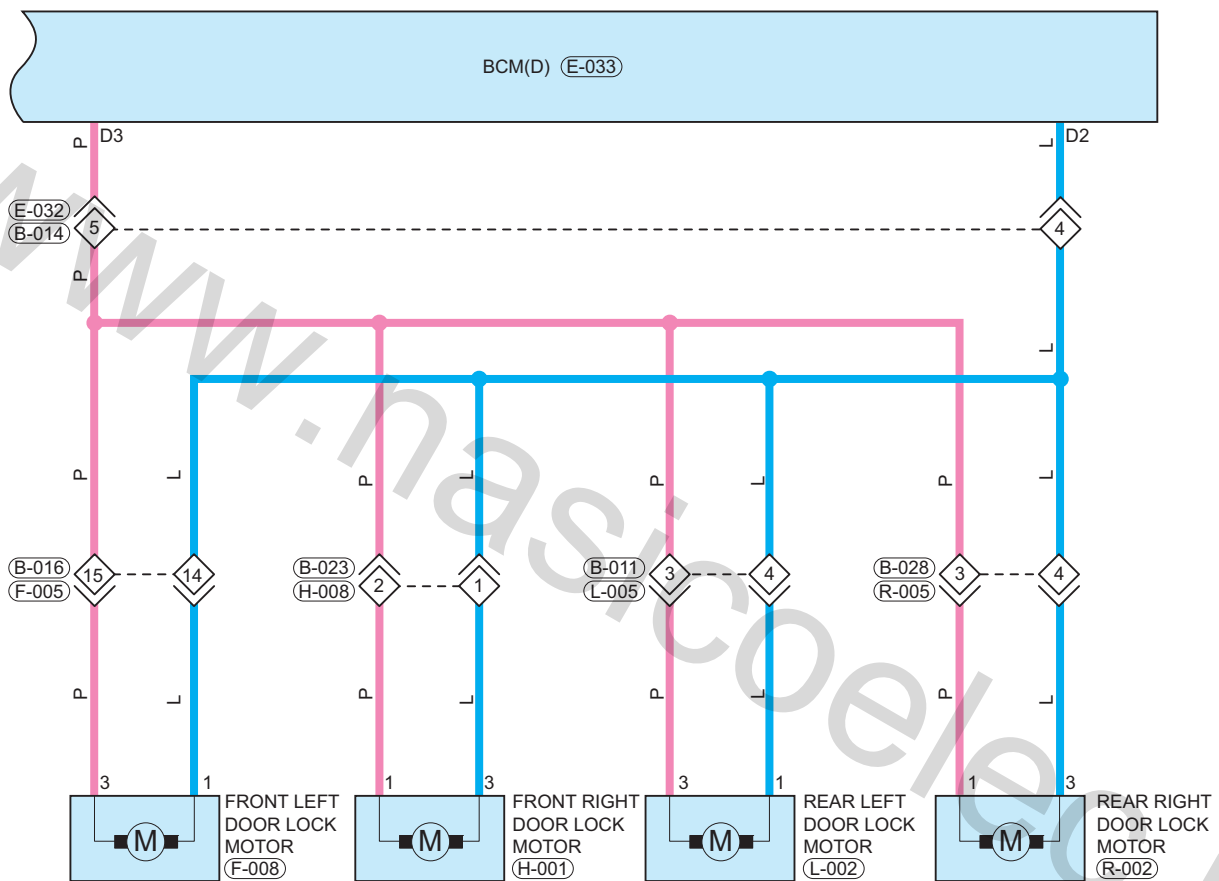
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-016, F-005	08-12, 08-14	B-023, H-008	08-12, 08-15	B-011, L-005	08-12, 08-16
B-028, R-005	08-12, 08-17	B-015, E-026	08-12, 08-5 (MT) 08-12, 08-7 (AT)		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-022	12-11	B-021	12-11	F-009	12-13
F-004	12-13	H-002	12-13	H-007	12-13
L-001	12-14	B-012	12-10	B-025	12-12
R-001	12-14	E-046	12-4	E-066	12-5
E-044	12-4	B-028, R-005	12-12	B-015, E-026	12-11
B-016, F-005	12-11	B-023, H-008	12-12	B-011, L-005	12-10

Circuit Diagram (Page 3 of 3)



EA13T090610

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-033	08-5 (MT) 08-7 (AT)	F-008	08-14	H-001	08-15
L-002	08-16	R-002	08-17		

Location of Junction Connector

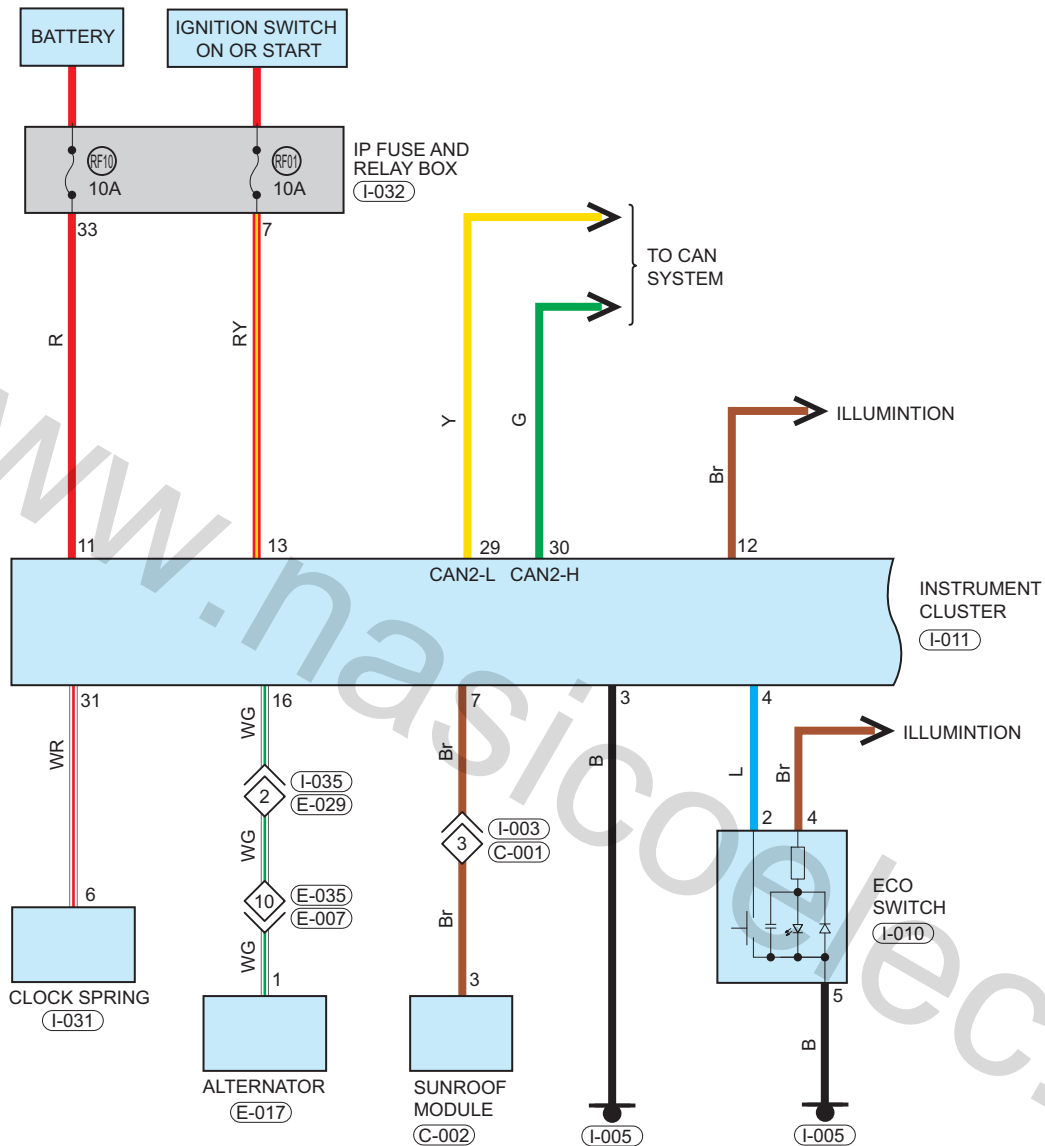
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-032, B-014	08-5, 08-12 (MT) 08-7, 08-12 (AT)	B-016, F-005	08-12, 08-14	B-023, H-008	08-12, 08-15
B-011, L-005	08-12, 08-16	B-028, R-005	08-12, 08-17		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-033	12-3	F-008	12-13	H-001	12-13
L-002	12-14	R-002	12-14	B-011, L-005	12-10
E-032, B-014	12-3	B-016, F-005	12-11	B-023, H-008	12-12
B-028, R-005	12-12				

Instrument Cluster

Circuit Diagram (Page 1 of 2)



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EA13T090620

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	08-10	I-011	08-10	I-031	08-10
E-017	08-3	C-002	08-19	I-005	08-10
I-010	08-10				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF10	06-10	IP Fuse and Relay Box

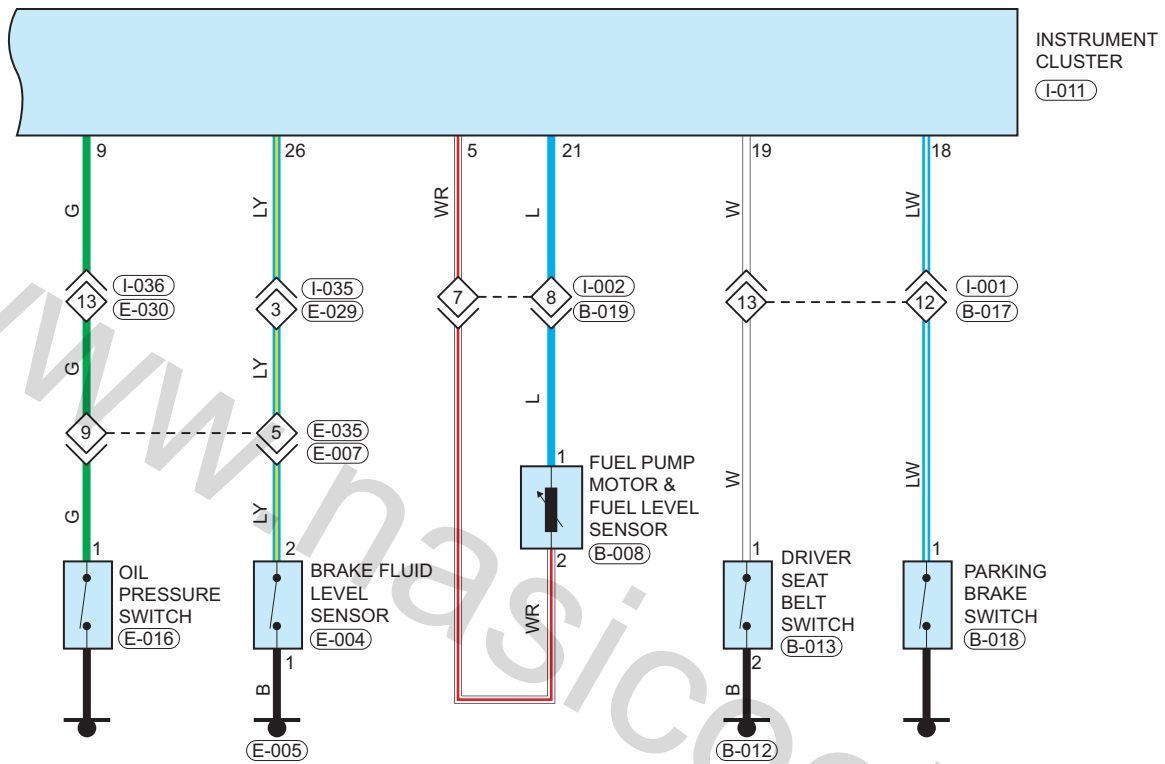
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-035, E-029	08-10, 08-5 (MT) 08-10, 08-7 (AT)	E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)	I-003, C-001	08-10, 08-19

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	12-9	I-011	12-7	I-031	12-8
E-017	12-3	C-002	12-16	I-005	12-7
I-010	12-7	I-035, E-029	12-9	E-035, E-007	12-4
I-003, C-001	12-7				

Circuit Diagram (Page 2 of 2)



EA13T090630

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-011	08-10	E-016	08-3	E-004	08-3
E-005	08-3	B-008	08-12	B-013	08-12
B-012	08-12	B-018	08-12		

Location of Junction Connector

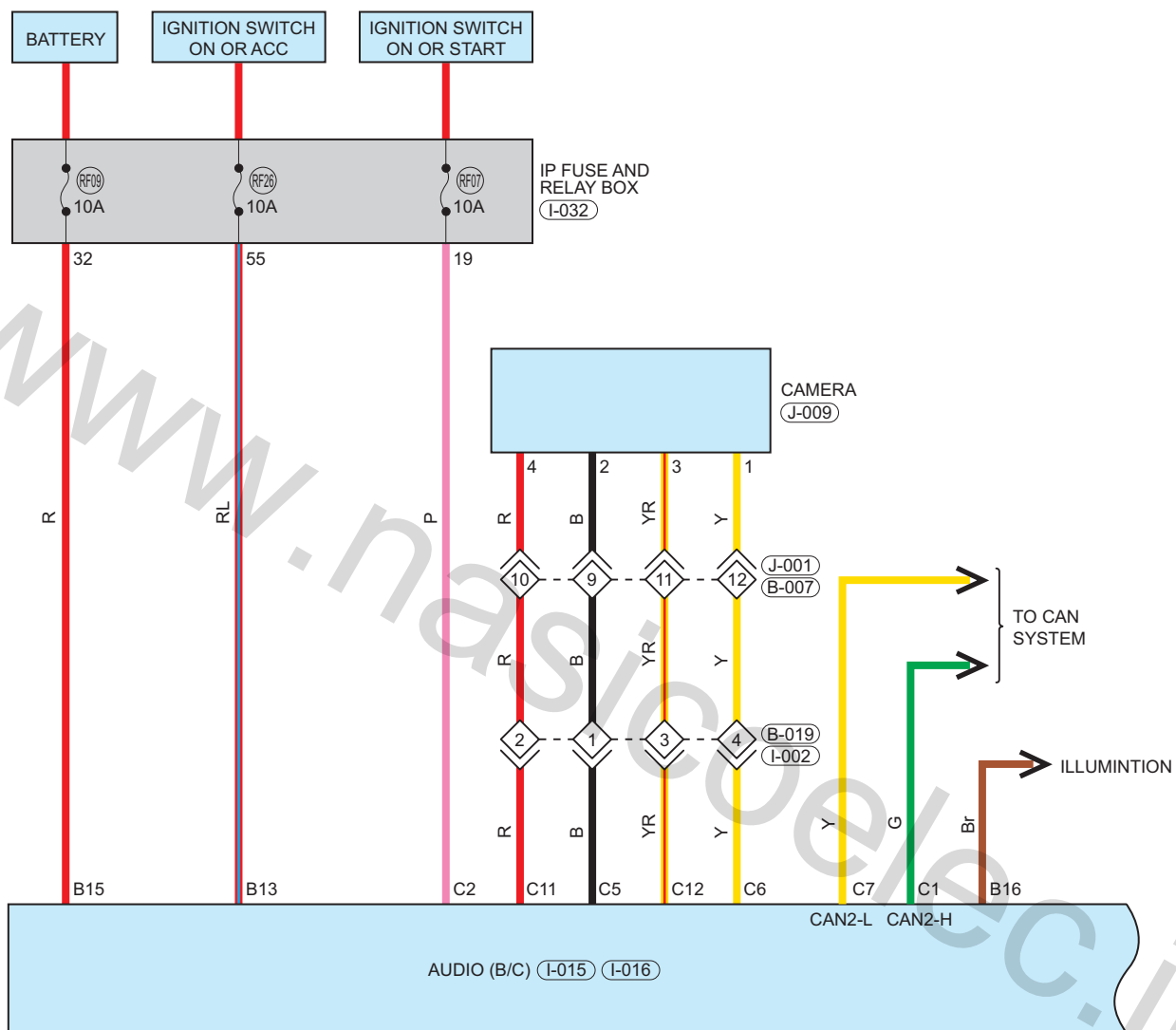
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-036, E-030	08-10, 08-5 (MT) 08-10, 08-7 (AT)	I-035, E-029	08-10, 08-5 (MT) 08-10, 08-7 (AT)	E-035, E-007	08-5, 08-3 (MT) 08-7, 08-3 (AT)
I-002, B-019	08-10, 08-12	I-001, B-017	08-10, 08-12		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-011	12-7	E-016	12-3	E-004	12-2
E-005	12-2	B-008	12-10	B-013	12-10
B-012	12-10	B-018	12-11	I-002, B-019	12-7
I-036, E-030	12-9	I-035, E-029	12-9	E-035, E-007	12-4
I-001, B-017	12-7				

Audio System

Circuit Diagram (Page 1 of 3)



EA13T090640

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	08-10	J-009	08-21	I-015	08-10
I-016	08-10				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF07	06-10	IP Fuse and Relay Box
RF09	06-10	IP Fuse and Relay Box
RF26	06-10	IP Fuse and Relay Box

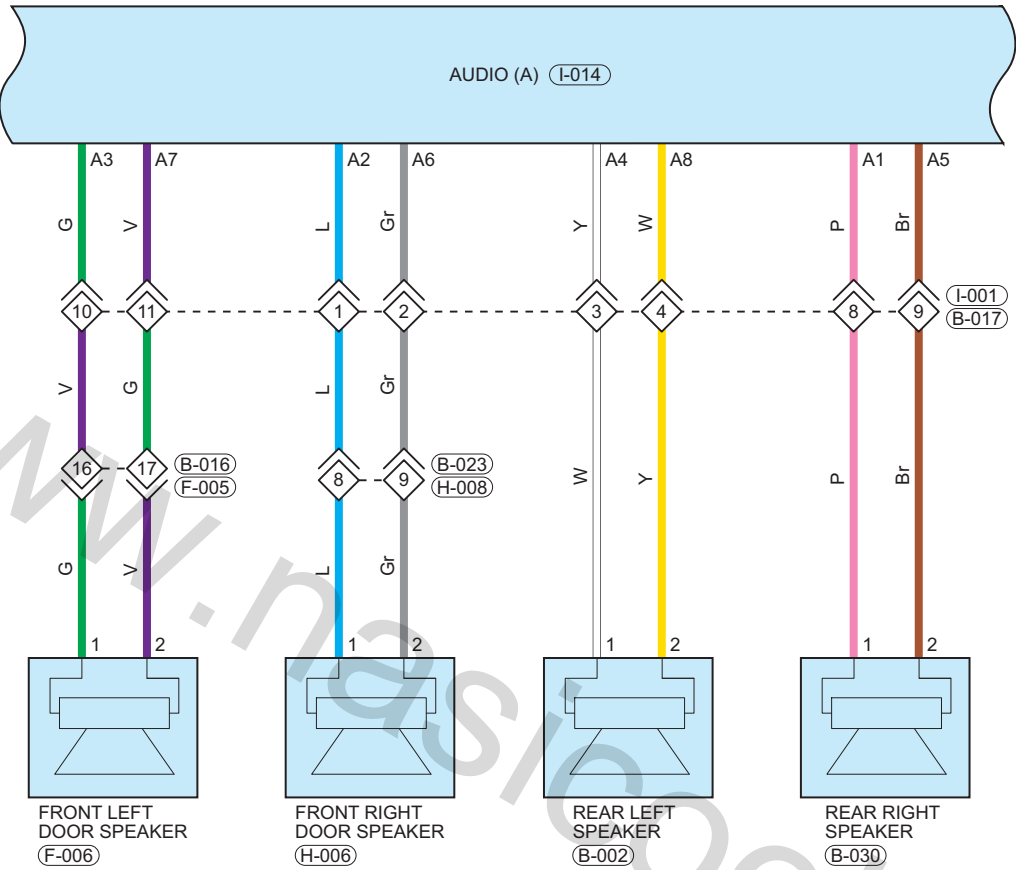
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
J-001, B-007	08-21, 08-12	B-019, I-002	08-12, 08-10		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	12-9	J-009	12-15	I-015	12-7
I-016	12-7	J-001, B-007	12-15	B-019, I-002	12-11

Circuit Diagram (Page 2 of 3)



Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-014	08-10	F-006	08-14	H-006	08-15
B-002	08-12	B-030	08-12		

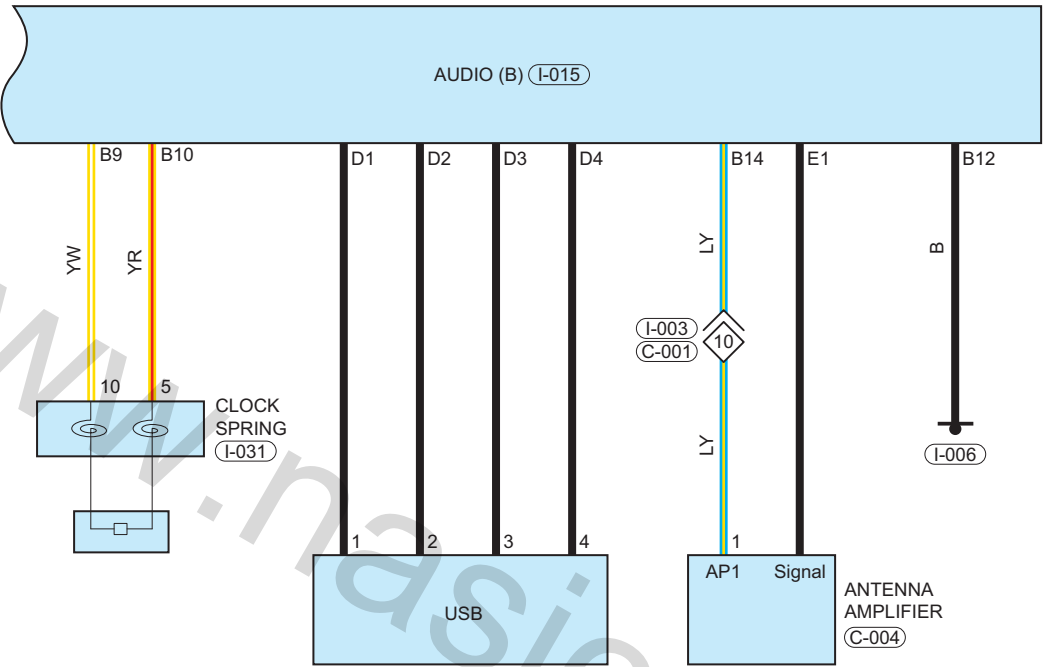
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-016, F-005	08-12, 08-14	B-023, H-008	08-12, 08-15	I-001, B-017	08-10, 08-12

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-014	12-7	F-006	12-13	H-006	12-13
B-002	12-10	B-030	12-12	B-016, F-005	12-11
B-023, H-008	12-12	I-001, B-017	12-7		

Circuit Diagram (Page 3 of 3)



Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-015	08-10	I-031	08-10	I-006	08-10
C-004	08-19				

Location of Junction Connector

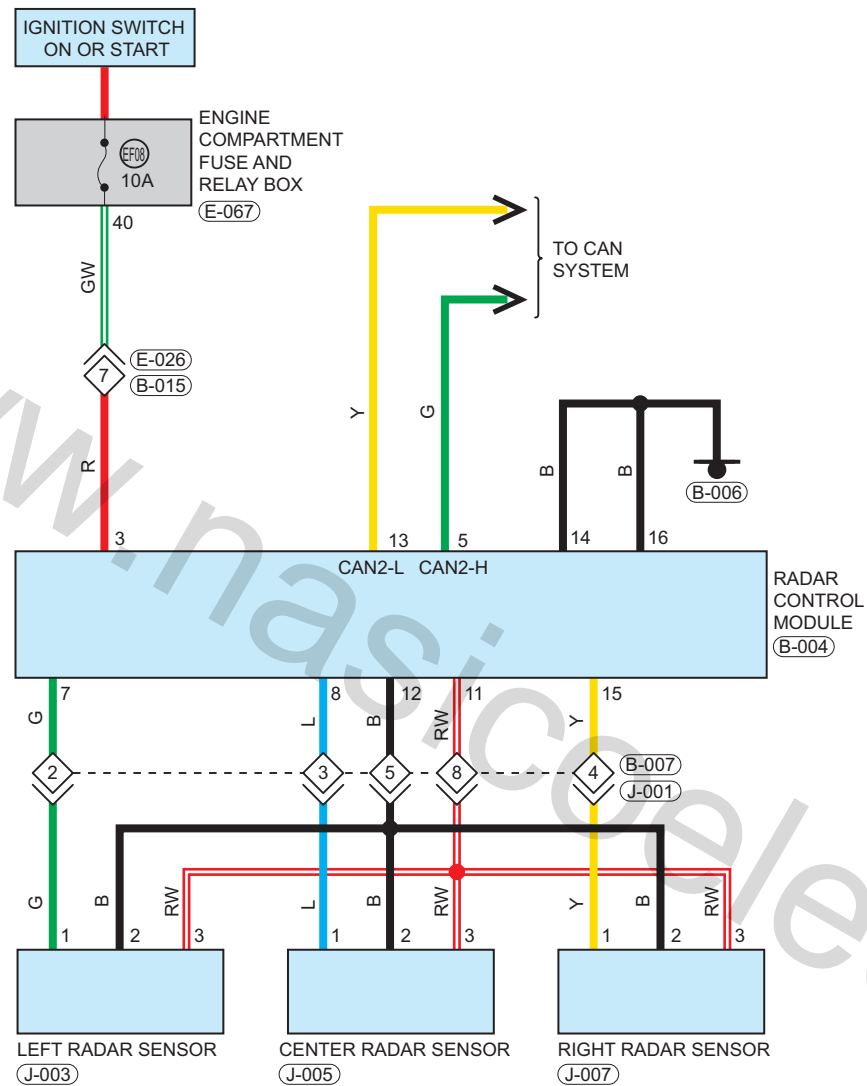
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-003, C-001	08-10, 08-19				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-015	12-7	I-031	12-8	I-006	12-7
C-004	12-16	I-003, C-001	12-7		

Reversing Radar System

Circuit Diagram (Page 1 of 1)



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EA13T090670

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	B-006	08-12	B-004	08-12
J-003	08-21	J-005	08-21	J-007	08-21

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF08	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

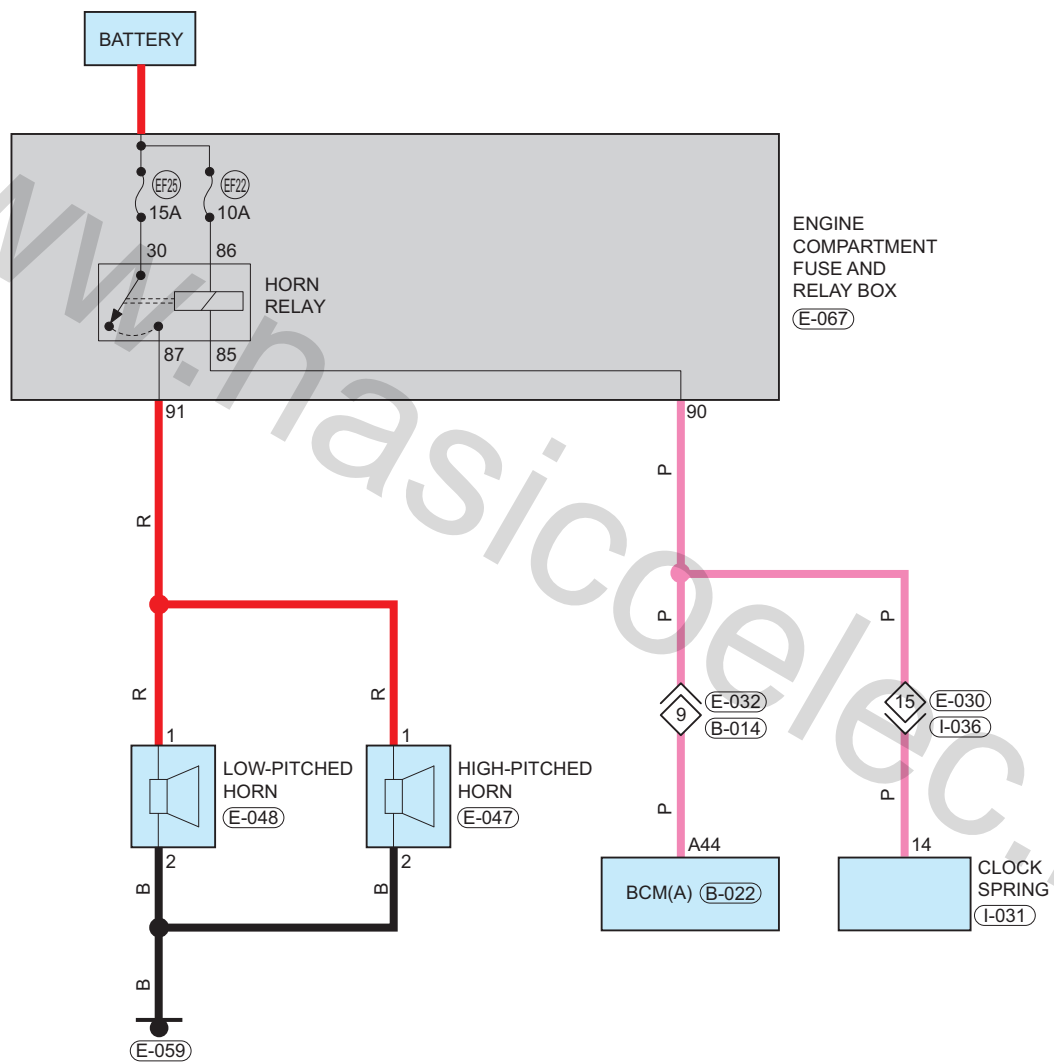
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	B-007, J-001	08-12, 08-21		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	B-006	12-10	B-004	12-10
J-003	12-15	J-005	12-15	J-007	12-15
E-026, B-015	12-3	B-007, J-001	12-10		

Horn

Circuit Diagram (Page 1 of 1)



EA13T090680

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-048	08-5 (MT) 08-7 (AT)	I-031	08-10
E-047	08-5 (MT) 08-7 (AT)	E-059	08-5 (MT) 08-7 (AT)	B-022	08-12

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF22	06-2	Engine Compartment Fuse and Relay Box
EF25	06-2	Engine Compartment Fuse and Relay Box
Horn Relay	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

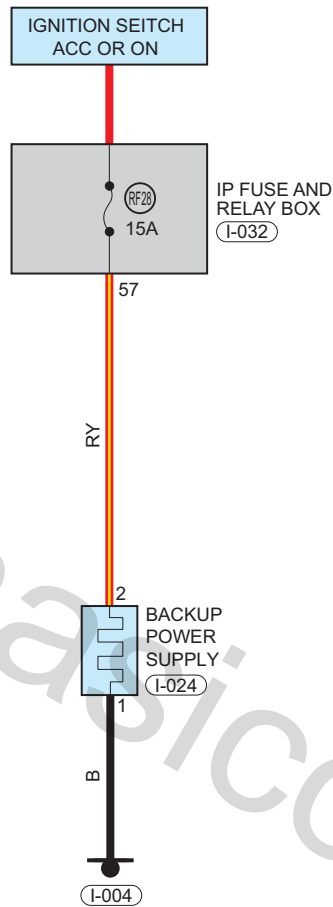
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-032, B-014	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-030, I-036	08-5, 08-10 (MT) 08-7, 08-10 (AT)		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-048	12-4	I-031	12-8
E-047	12-4	E-059	12-5	B-022	12-11
E-032, B-014	12-3	E-030, I-036	12-3		

Backup Power Supply

Circuit Diagram (Page 1 of 1)



09

EA13T090690

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	08-10	I-024	08-10	I-004	08-10

Fuse and Relay

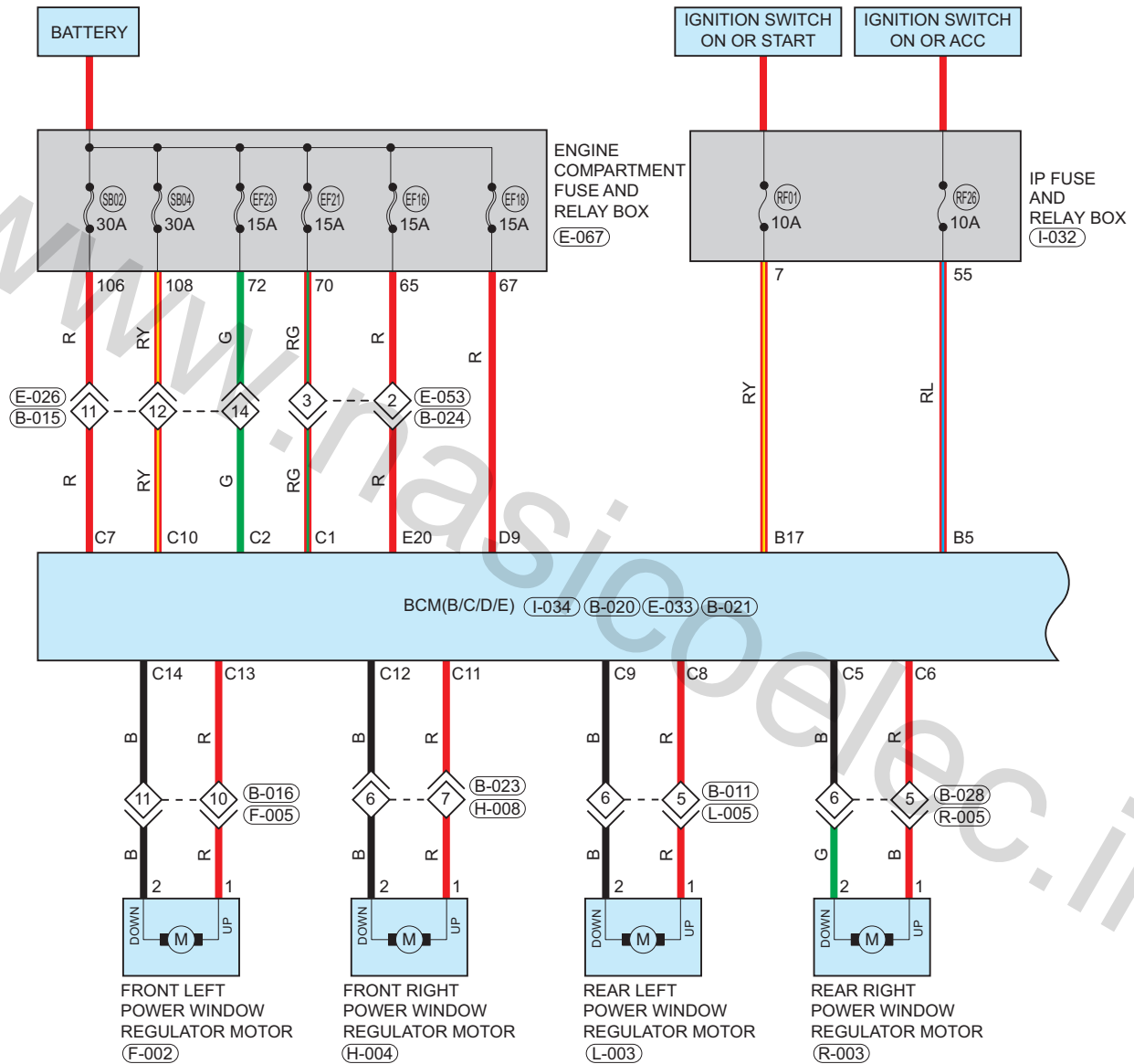
Fuse/Relay	See Page	Fuse and Relay Box
RF28	06-10	IP Fuse and Relay Box

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-032	12-9	I-024	12-8	I-004	12-7

Windshield/Window Glass

Circuit Diagram (Page 1 of 4)



EA13T090700

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	I-032	08-10	I-034	08-10
B-020	08-12	E-033	08-5 (MT) 08-7 (AT)	B-021	08-12
F-002	08-14	H-004	08-15	L-003	08-16
R-003	08-17				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
RF01	06-10	IP Fuse and Relay Box
RF26	06-10	IP Fuse and Relay Box
EF16	06-2	Engine Compartment Fuse and Relay Box
EF18	06-2	Engine Compartment Fuse and Relay Box
EF21	06-2	Engine Compartment Fuse and Relay Box
EF23	06-2	Engine Compartment Fuse and Relay Box
SB02	06-2	Engine Compartment Fuse and Relay Box
SB04	06-2	Engine Compartment Fuse and Relay Box

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-026, B-015	08-5, 08-12 (MT) 08-7, 08-12 (AT)	E-053, B-024	08-5, 08-12 (MT) 08-7, 08-12 (AT)	B-016, F-005	08-12, 08-14
B-023, H-008	08-12, 08-15	B-011, L-005	08-12, 08-16	B-028, R-005	08-12, 08-17

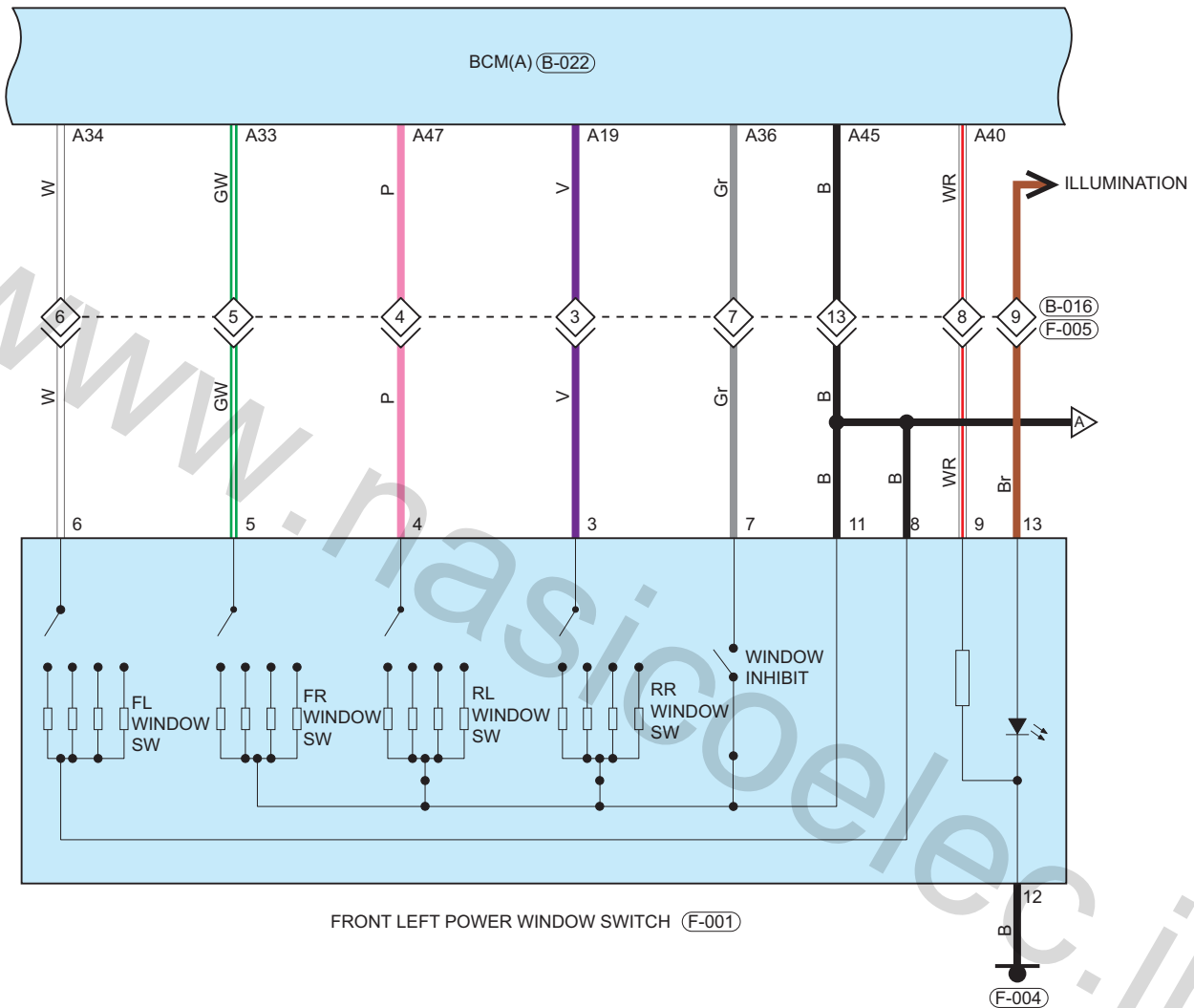
09

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	I-032	12-9	I-034	12-9
B-020	12-11	E-033	12-3	B-021	12-11
F-002	12-13	H-004	12-13	L-003	12-14
R-003	12-14	E-026, B-015	12-3	E-053, B-024	12-5
B-016, F-005	12-11	B-023, H-008	12-12	B-011, L-005	12-10
B-028, R-005	12-12				



Circuit Diagram (Page 2 of 4)



EA13T090710

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-022	08-12	F-001	08-14	F-004	08-14

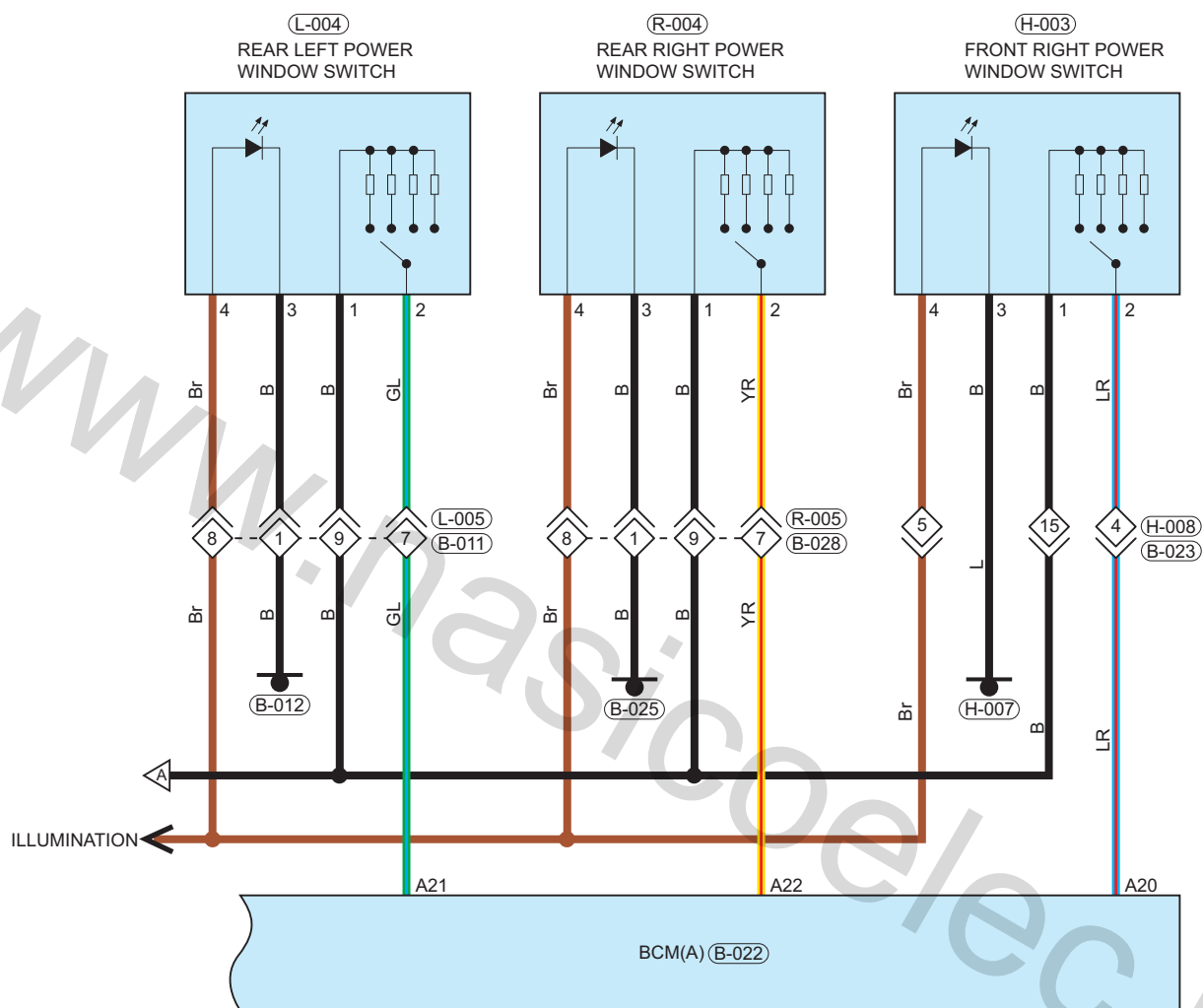
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-016, F-005	08-12, 08-14				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-022	12-11	F-001	12-13	F-004	12-13
B-016, F-005	12-11				

Circuit Diagram (Page 3 of 4)



EA13T090720

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
L-004	08-16	R-004	08-17	H-003	08-15
B-012	08-12	B-025	08-12	H-007	08-15
B-022	08-12				

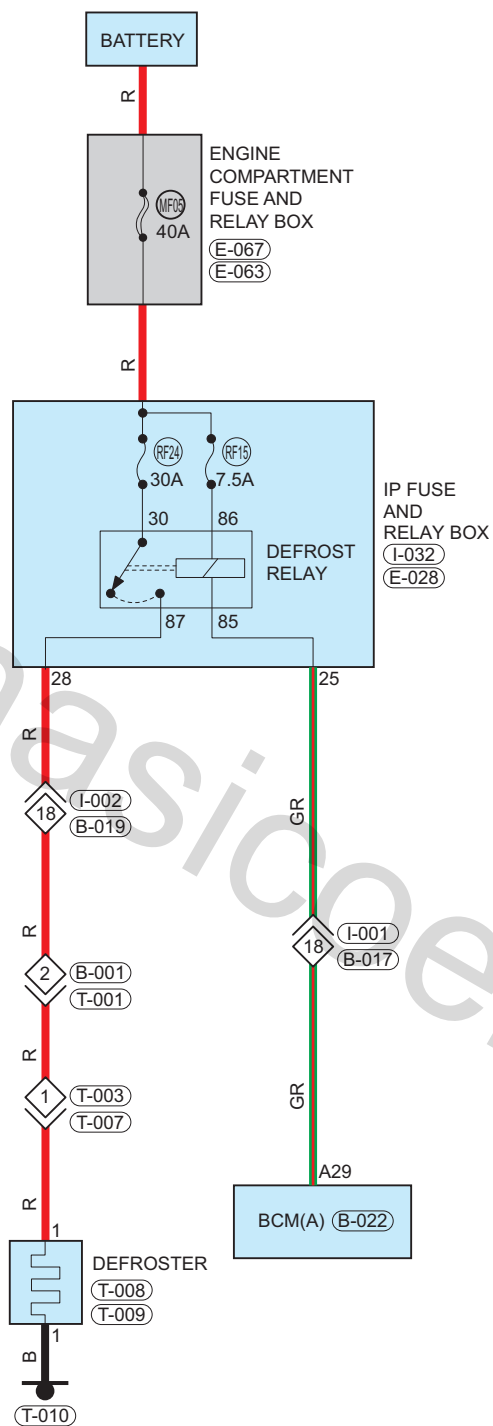
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
L-005, B-011	08-16, 08-12	R-005, B-028	08-17, 08-12	H-008, B-023	08-15, 08-12

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
L-004	12-14	R-004	12-14	H-003	12-13
B-012	12-10	B-025	12-12	H-007	12-13
B-022	12-11	L-005, B-011	12-14	R-005, B-028	12-14
H-008, B-023	12-13				

Circuit Diagram (Page 4 of 4)



EA13T090730

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-063	08-5 (MT) 08-7 (AT)	I-032	08-10
E-028	08-5 (MT) 08-7 (AT)	B-022	08-12	T-008	08-18
T-009	08-18	T-010	08-18		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
MF05	06-2	Engine Compartment Fuse and Relay Box
RF15	06-10	IP Fuse and Relay Box
RF24	06-10	IP Fuse and Relay Box
Defrost Relay	06-10	IP Fuse and Relay Box

Location of Junction Connector

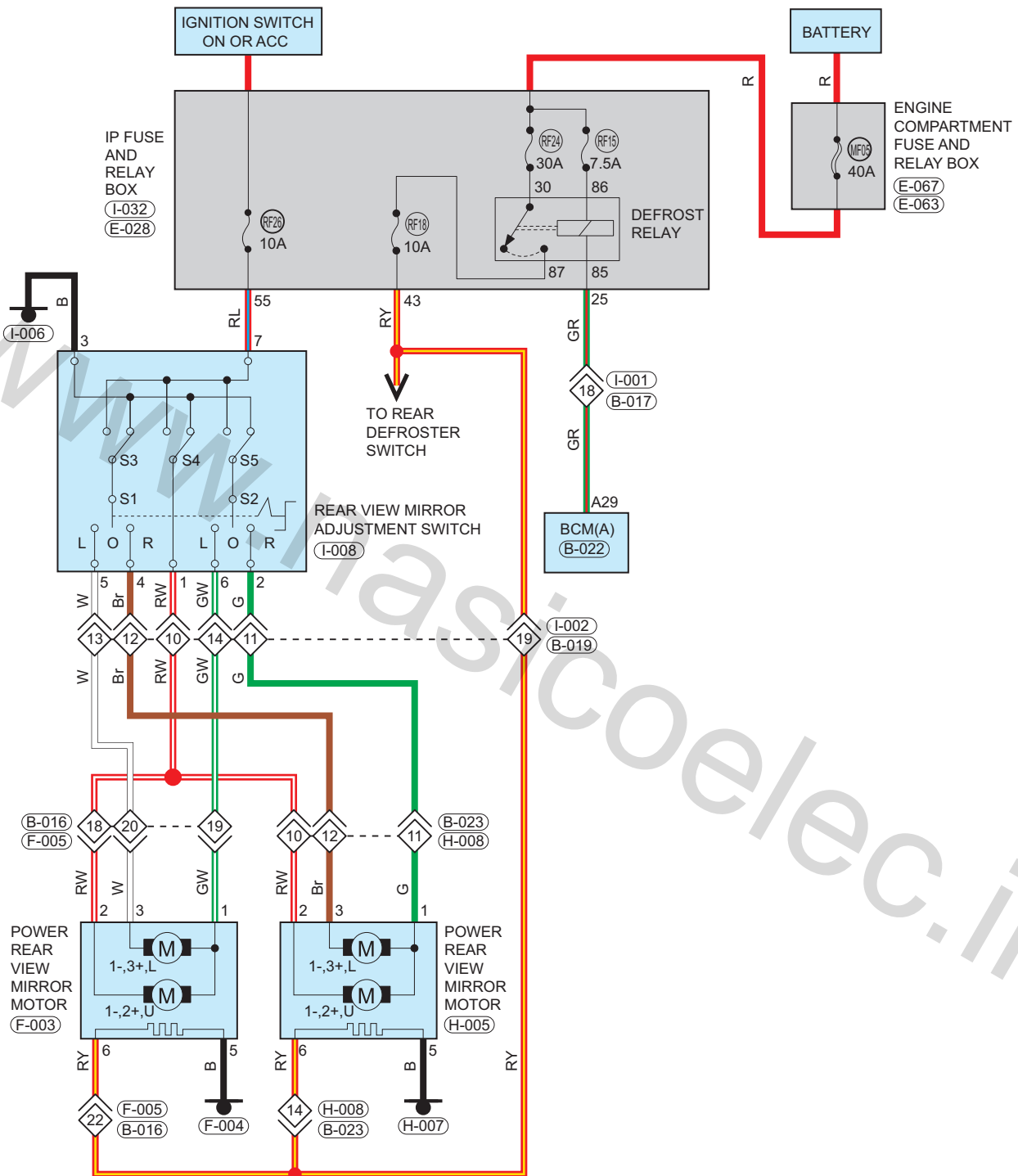
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-002, B-019	08-10, 08-12	B-001, T-001	08-12, 08-18	T-003, T-007	08-18, 08-18
I-001, B-017	08-10, 08-12				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-063	12-5	I-032	12-9
E-028	12-3	B-022	12-11	T-008	12-15
T-009	12-15	T-010	12-15	I-001, B-017	12-7
I-002, B-019	12-7	B-001, T-001	12-10	T-003, T-007	12-15

Rear View Mirror

Circuit Diagram (Page 1 of 1)



EA13T090740

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-063	08-5 (MT) 08-7 (AT)	I-032	08-10
E-028	08-5 (MT) 08-7 (AT)	I-006	08-10	I-008	08-10
B-022	08-12	F-003	08-14	F-004	08-14
H-007	08-15	H-005	08-15		

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
MF05	06-2	Engine Compartment Fuse and Relay Box
RF15	06-10	IP Fuse and Relay Box
RF18	06-10	IP Fuse and Relay Box
RF24	06-10	IP Fuse and Relay Box
RF26	06-10	IP Fuse and Relay Box
Defrost Relay	06-10	IP Fuse and Relay Box

Location of Junction Connector

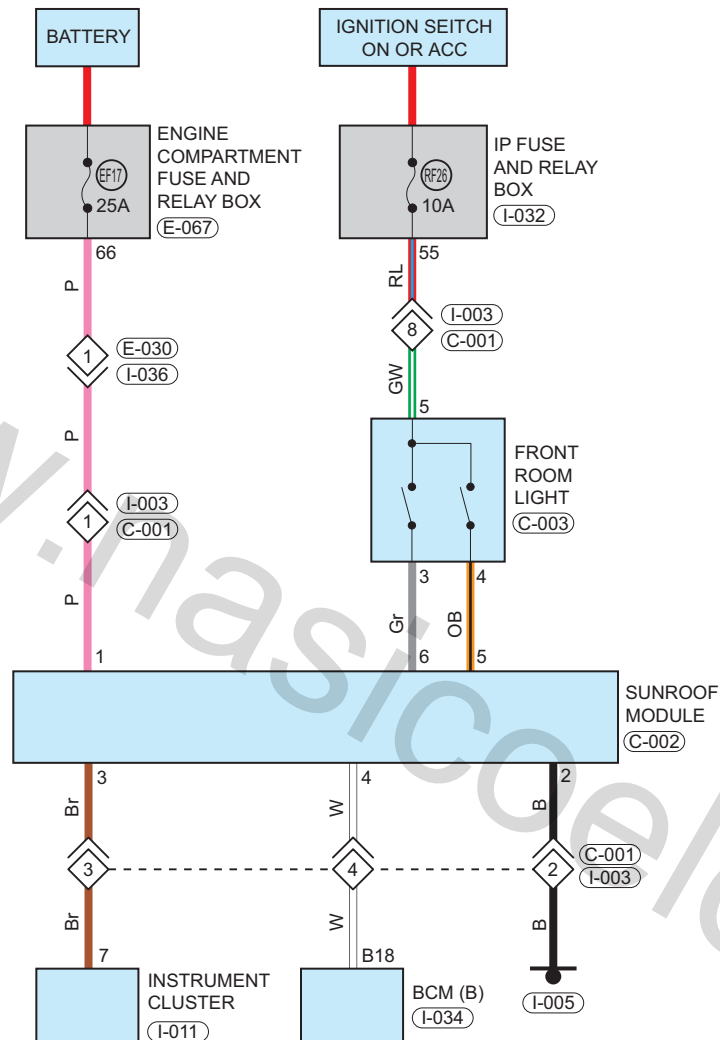
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
I-001, B-017	08-10, 08-12	I-002, B-019	08-10, 08-12	B-016, F-005	08-12, 08-14
B-023, H-008	08-12, 08-15				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-063	12-5	I-032	12-9
E-028	12-3	I-006	12-7	I-008	12-7
B-022	12-11	F-003	12-13	F-004	12-13
H-007	12-13	H-005	12-13	B-023, H-008	12-12
I-001, B-017	12-7	I-002, B-019	12-7	B-016, F-005	12-11

Sunroof

Circuit Diagram (Page 1 of 1)



09

EA13T090750

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	I-032	08-10	C-003	08-19
C-002	08-19	I-011	08-10	I-034	08-10
I-005	08-10				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
EF17	06-2	Engine Compartment Fuse and Relay Box
RF26	06-10	IP Fuse and Relay Box

Location of Junction Connector

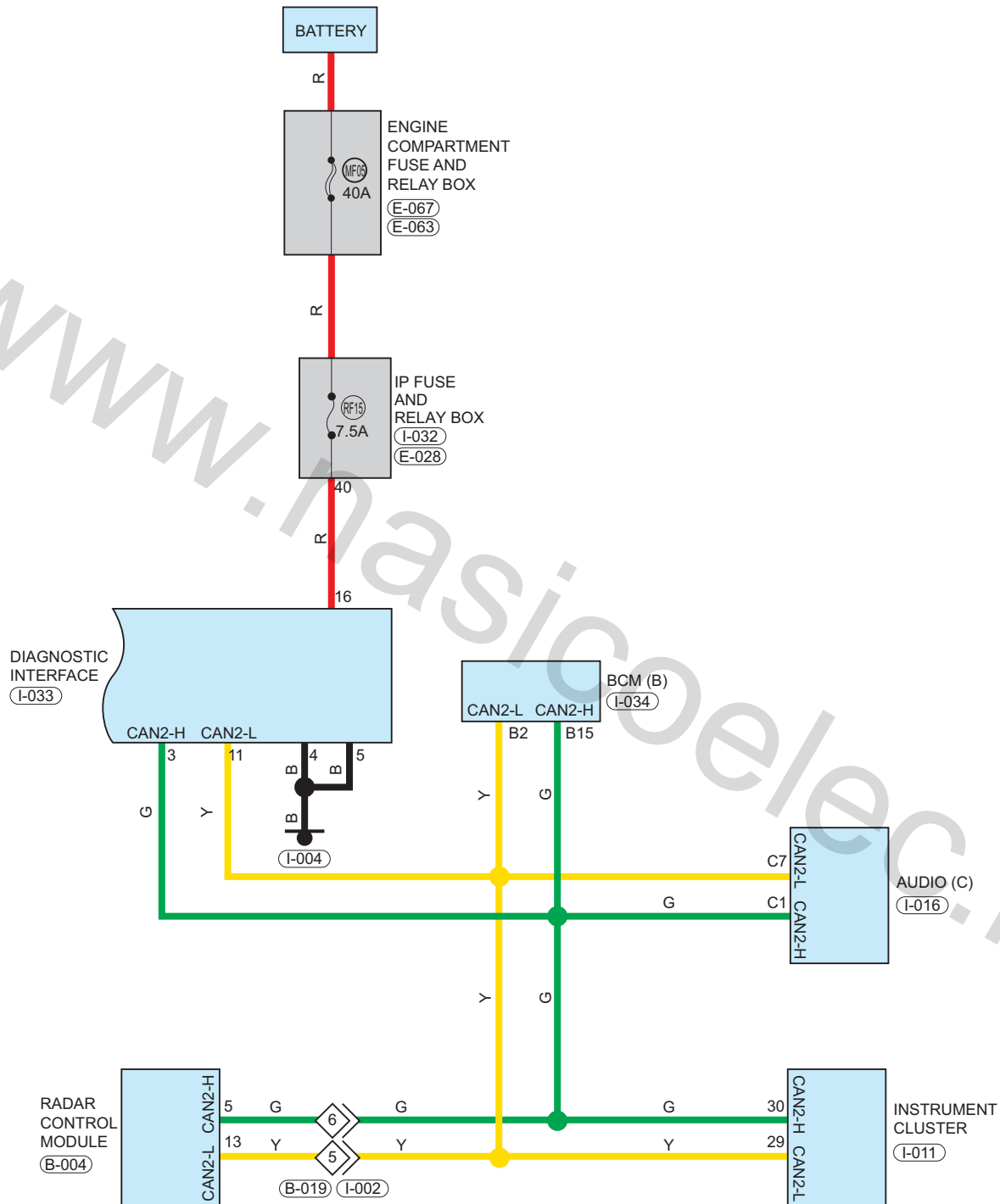
Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-030, I-036	08-5, 08-10 (MT) 08-7, 08-10 (AT)	I-003, C-001	08-10, 08-19		

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	I-032	12-9	C-003	12-16
C-002	12-16	I-011	12-7	I-034	12-9
I-005	12-7	E-030, I-036	12-3	I-003, C-001	12-7

CAN System

Circuit Diagram (Page 1 of 2)



EA13T090760

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	08-5 (MT) 08-7 (AT)	E-063	08-5 (MT) 08-7 (AT)	I-032	08-10
E-028	08-5 (MT) 08-7 (AT)	I-033	08-10	I-004	08-10
I-034	08-10	I-016	08-10	B-004	08-12
I-011	08-10				

Fuse and Relay

Fuse/Relay	See Page	Fuse and Relay Box
MF05	06-2	Engine Compartment Fuse and Relay Box
RF15	06-10	IP Fuse and Relay Box

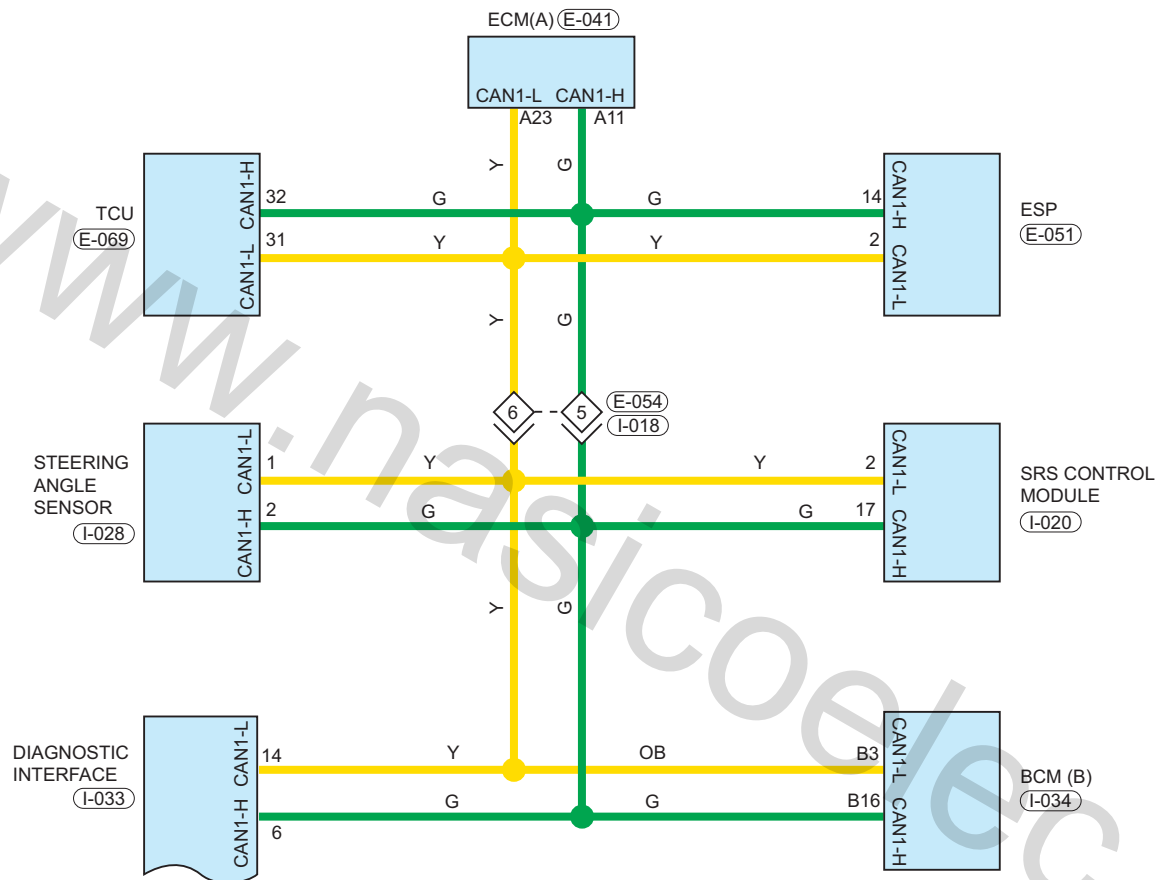
Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
B-019, I-002	08-12, 08-10				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-067	12-6	E-063	12-5	I-032	12-9
E-028	12-3	I-033	12-9	I-004	12-7
I-034	12-9	I-016	12-7	B-004	12-10
I-011	12-7	B-019, I-002	12-11		

Circuit Diagram (Page 2 of 2)



EA13T090770

Parts Location

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-069	08-5 (MT) 08-7 (AT)	E-041	08-5 (MT) 08-7 (AT)	E-051	08-5 (MT) 08-7 (AT)
I-028	08-10	I-020	08-10	I-033	08-10
I-034	08-10				

Location of Junction Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-054, I-018	08-5, 08-10 (MT) 08-7, 08-10 (AT)				

Form of Connector

Connector Code	See Page	Connector Code	See Page	Connector Code	See Page
E-069	12-6	E-041	12-4	E-051	12-5
I-028	12-8	I-020	12-8	I-033	12-9
I-034	12-9	E-054, I-018	12-5		

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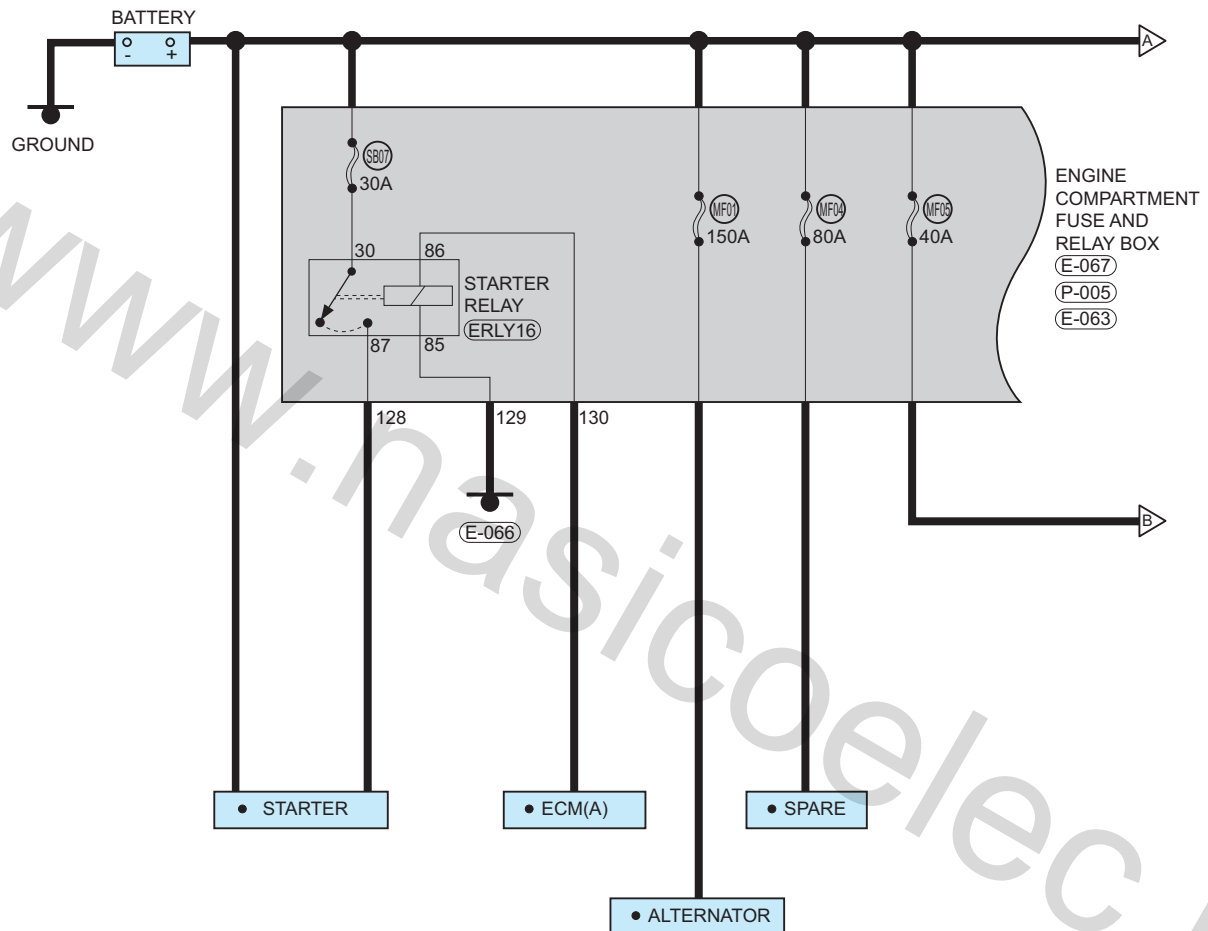
POWER SOURCE

General Information

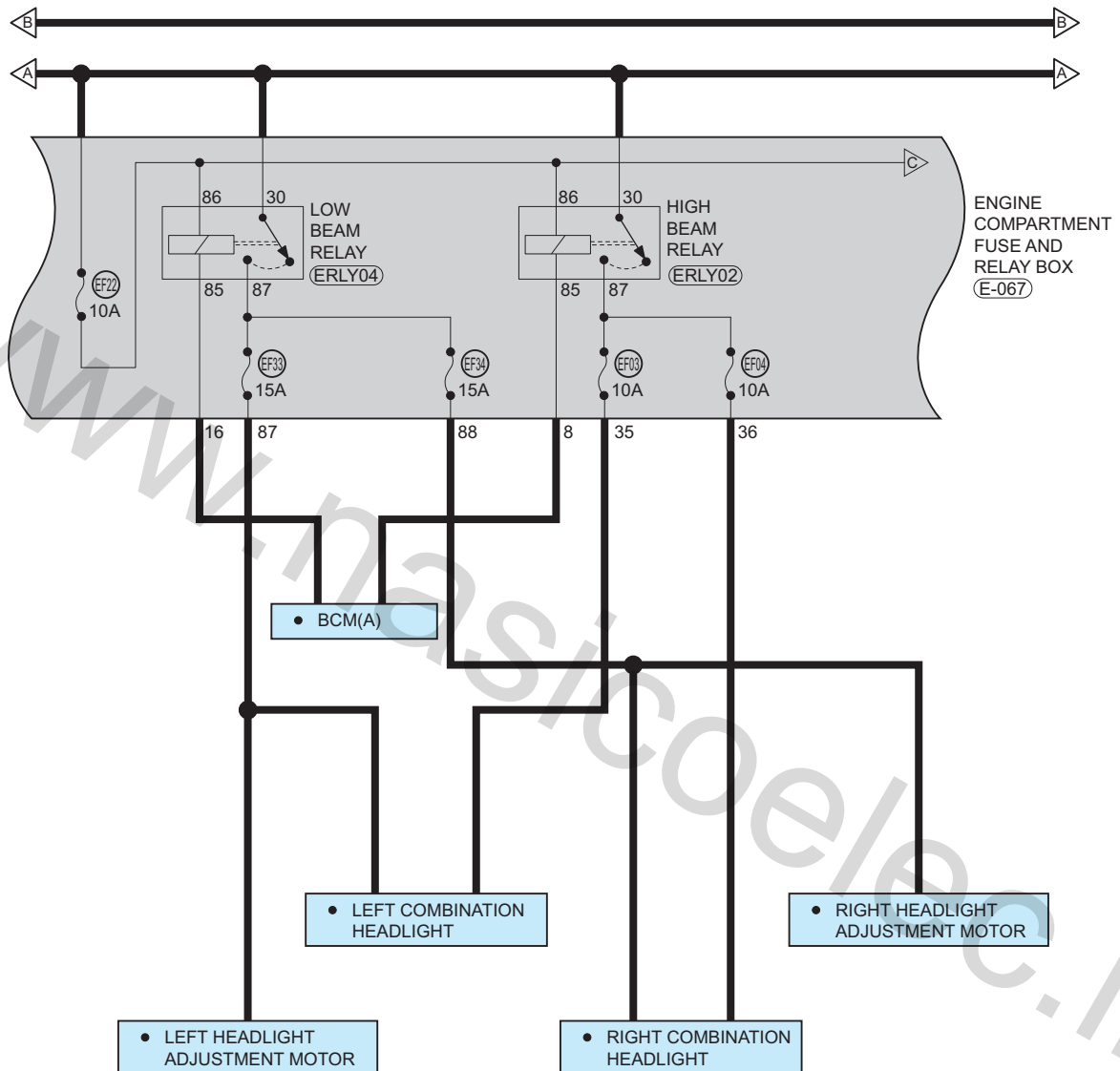
Power source distribution system provides secure, reliable and efficient power for all electrical equipment on the vehicle. The power source distribution consists of following components: battery, power fuse box, engine compartment fuse and relay box, instrument panel fuse and relay box, ignition switch, fuse and relay.

Power Source Distribution

Circuit Diagram (Page 1 of 10)



Circuit Diagram (Page 2 of 10)

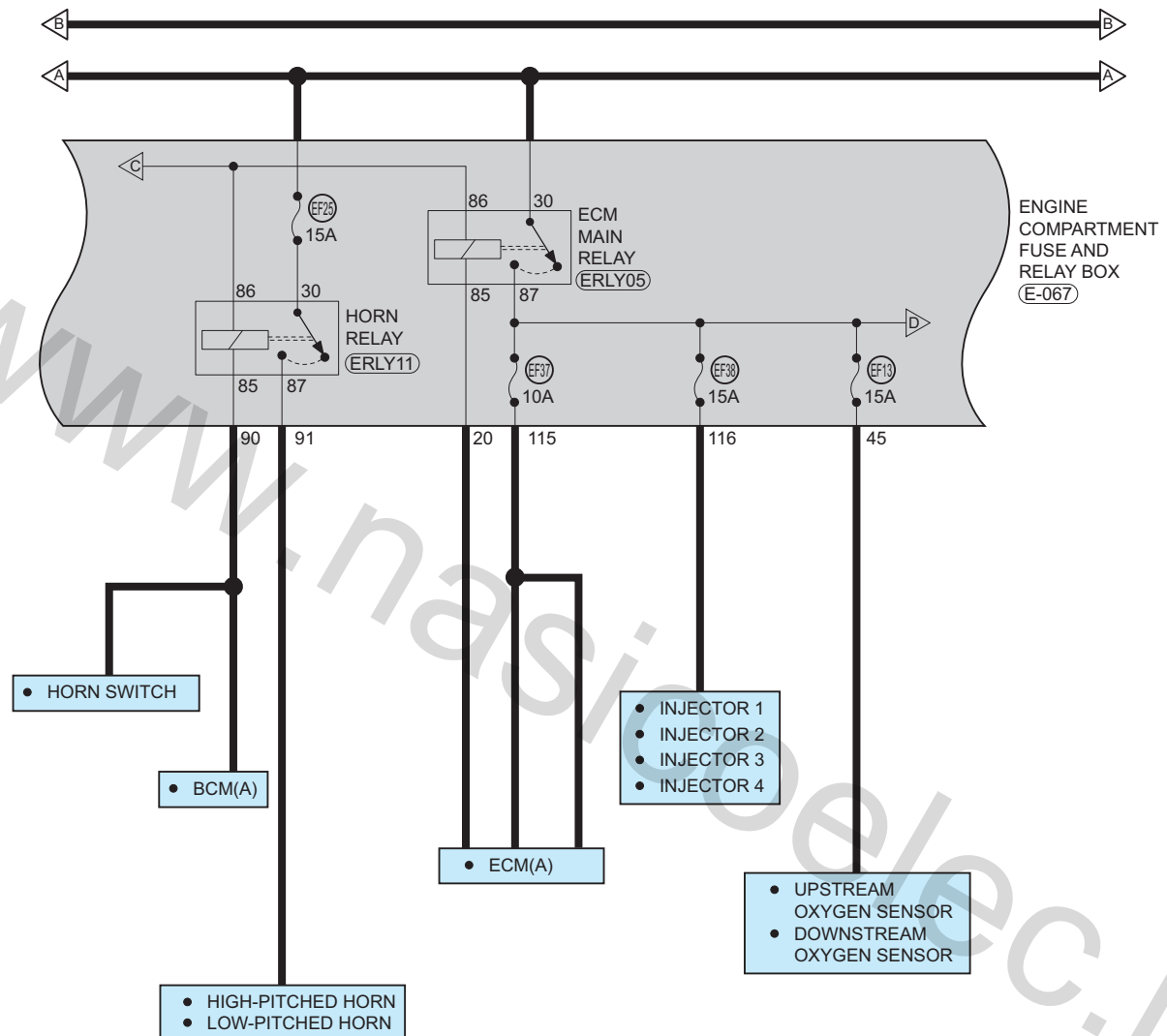


10

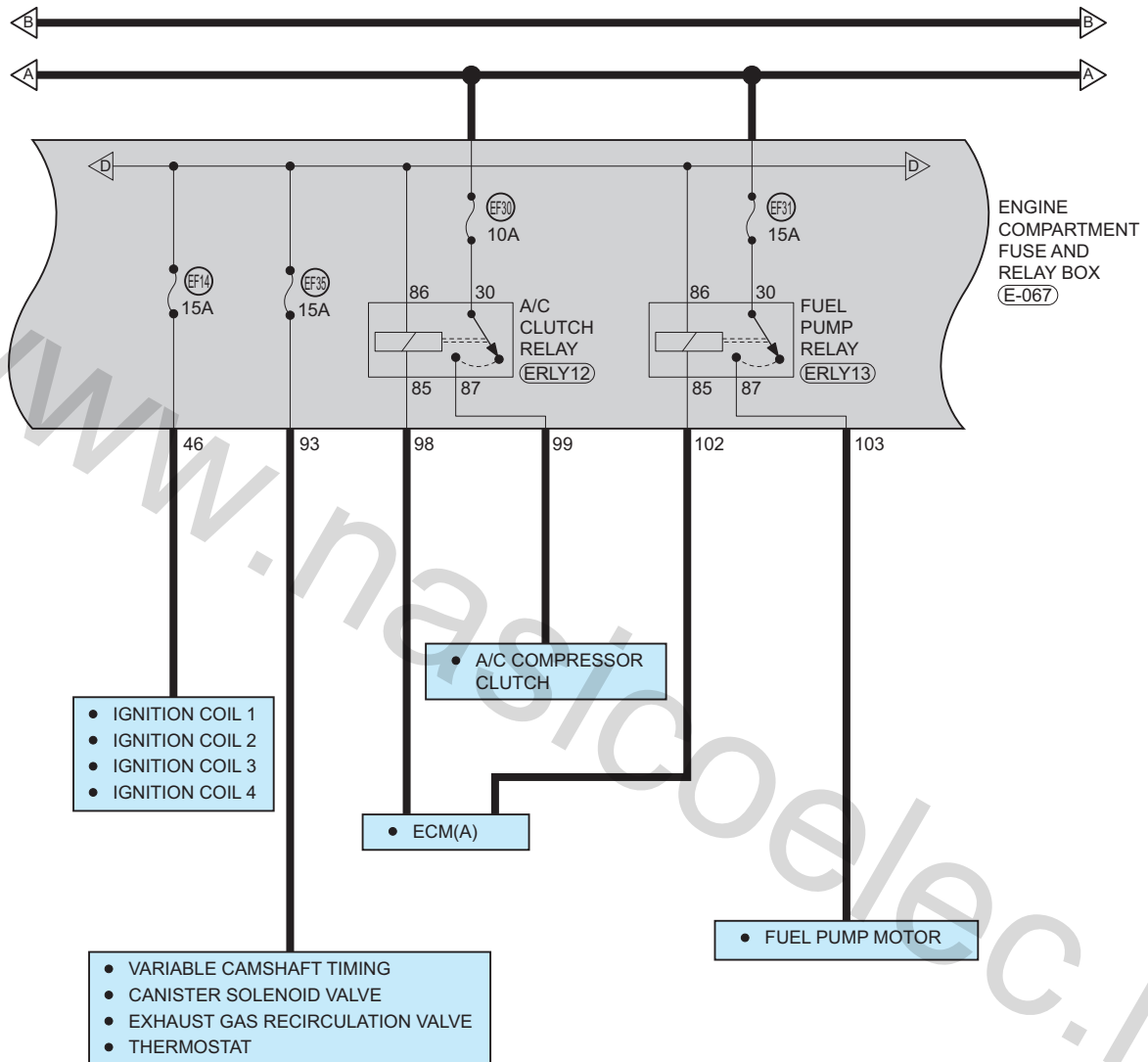
EA13T100020



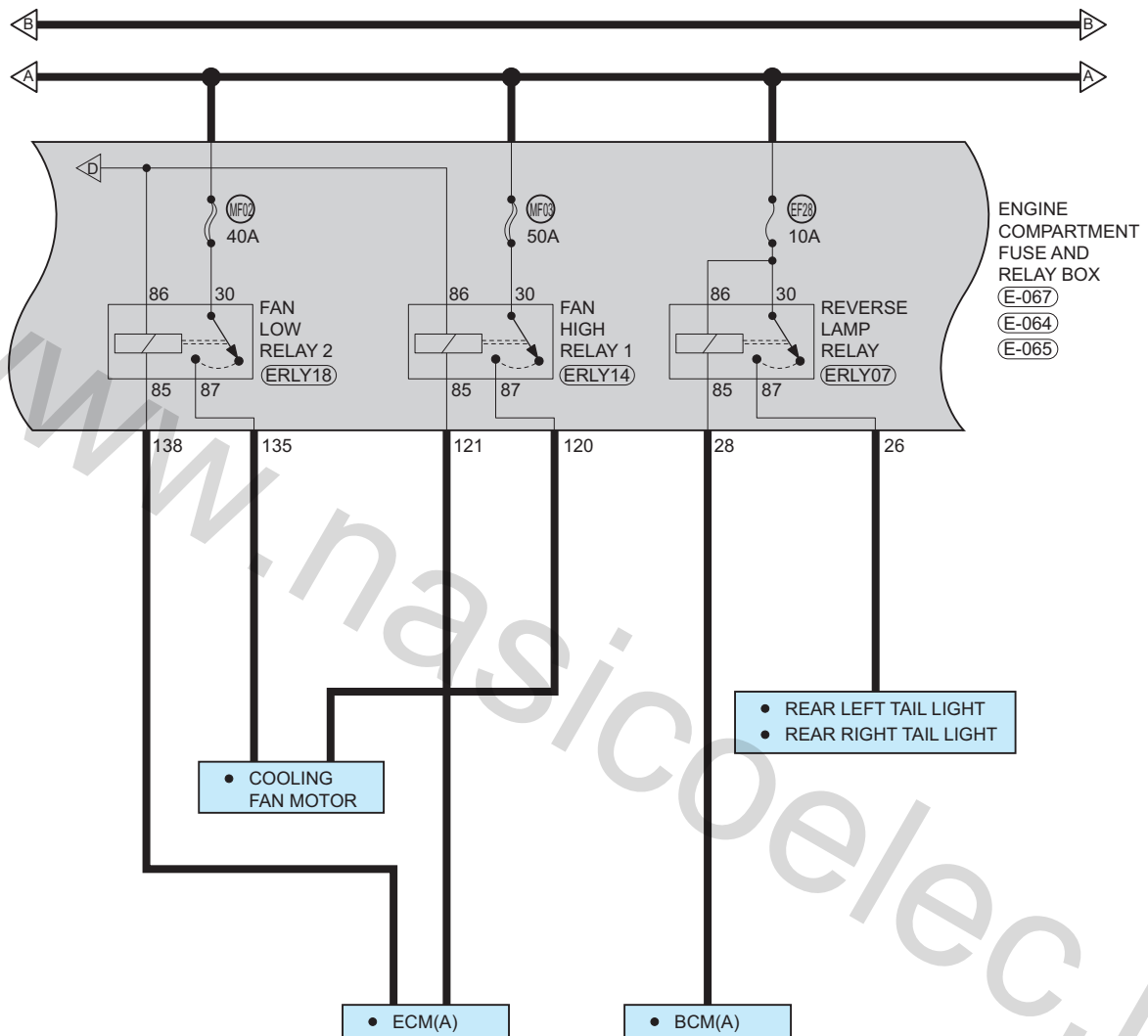
Circuit Diagram (Page 3 of 10)



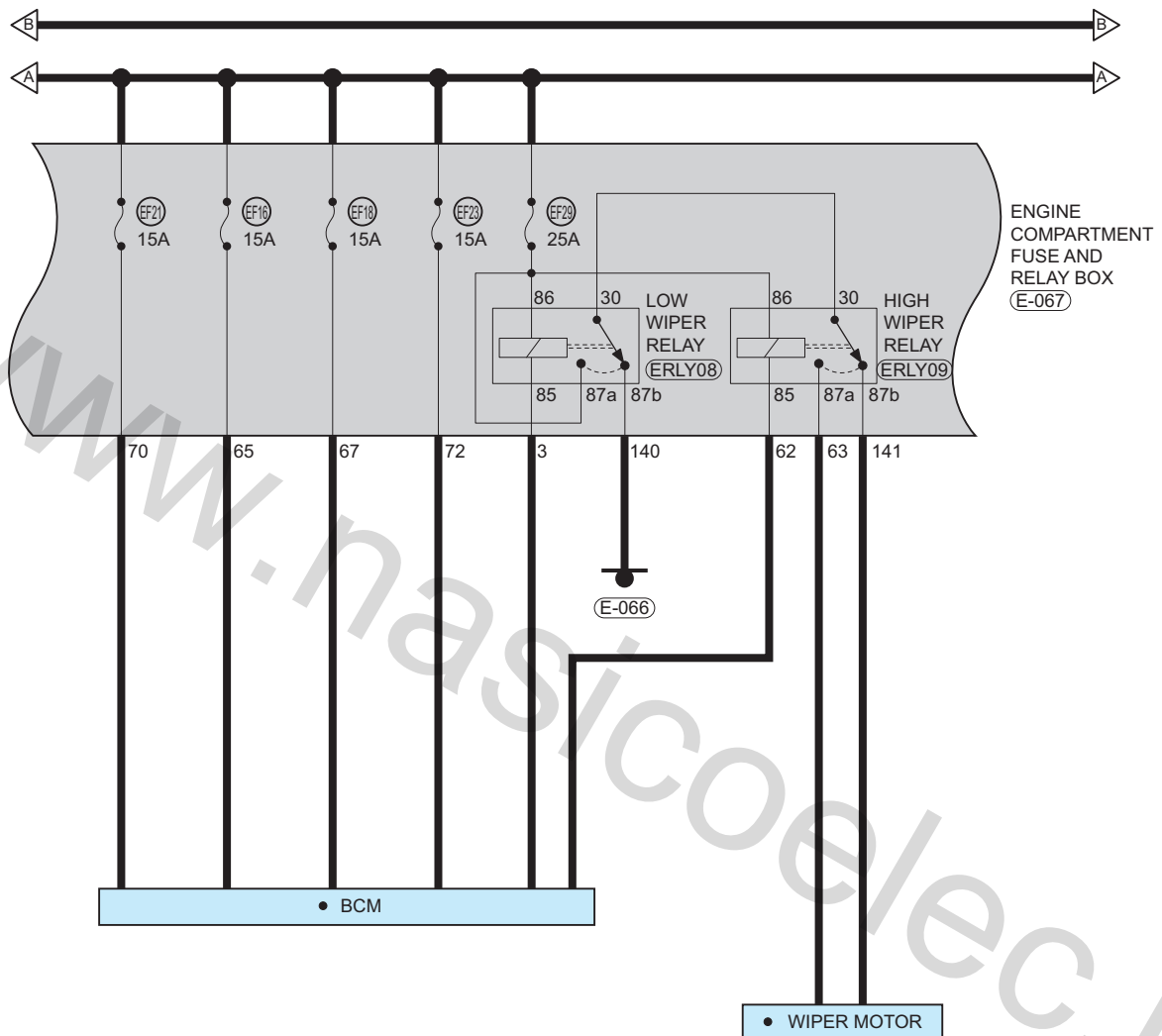
Circuit Diagram (Page 4 of 10)



Circuit Diagram (Page 5 of 10)



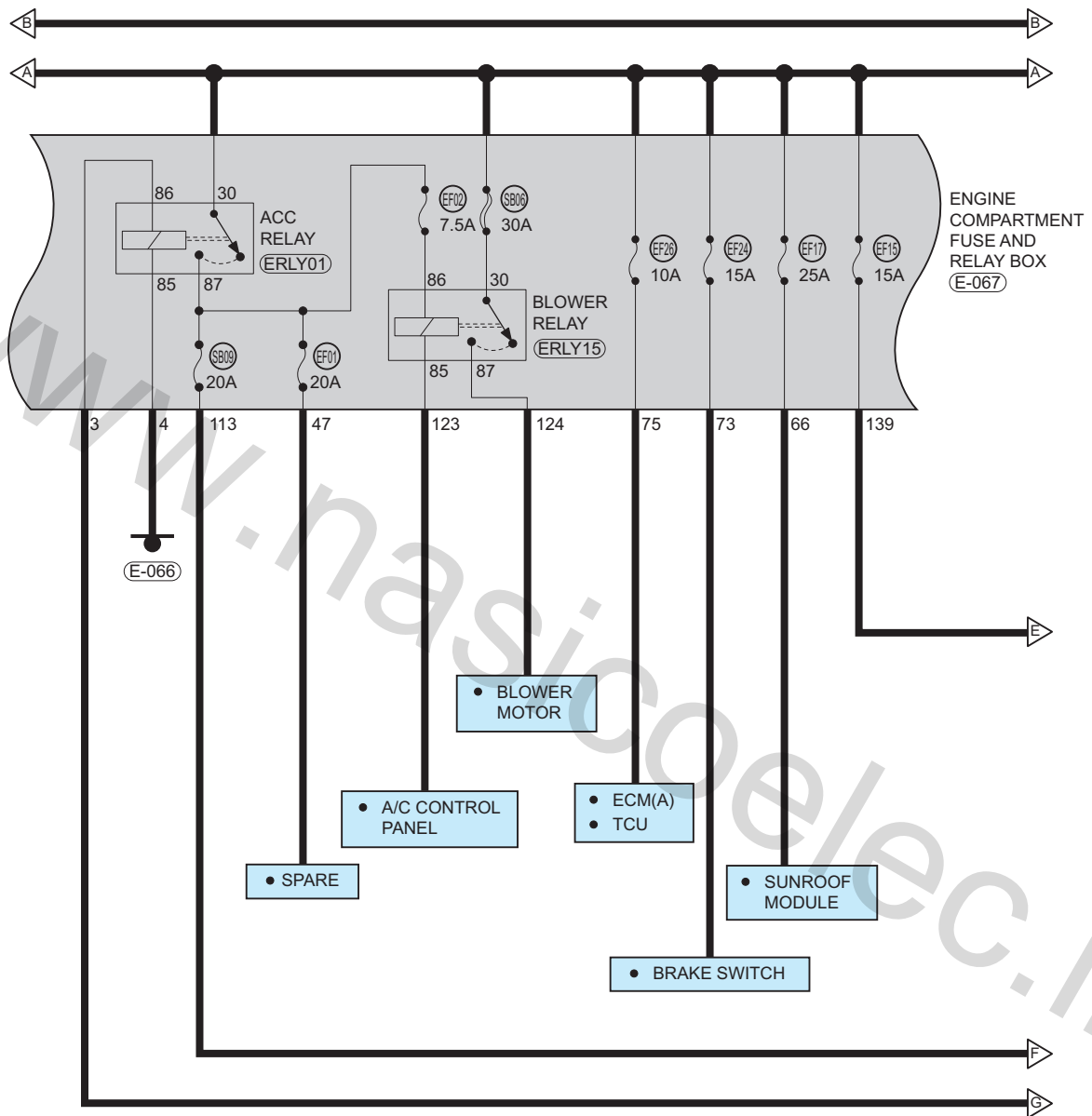
Circuit Diagram (Page 6 of 10)



EA13T100060

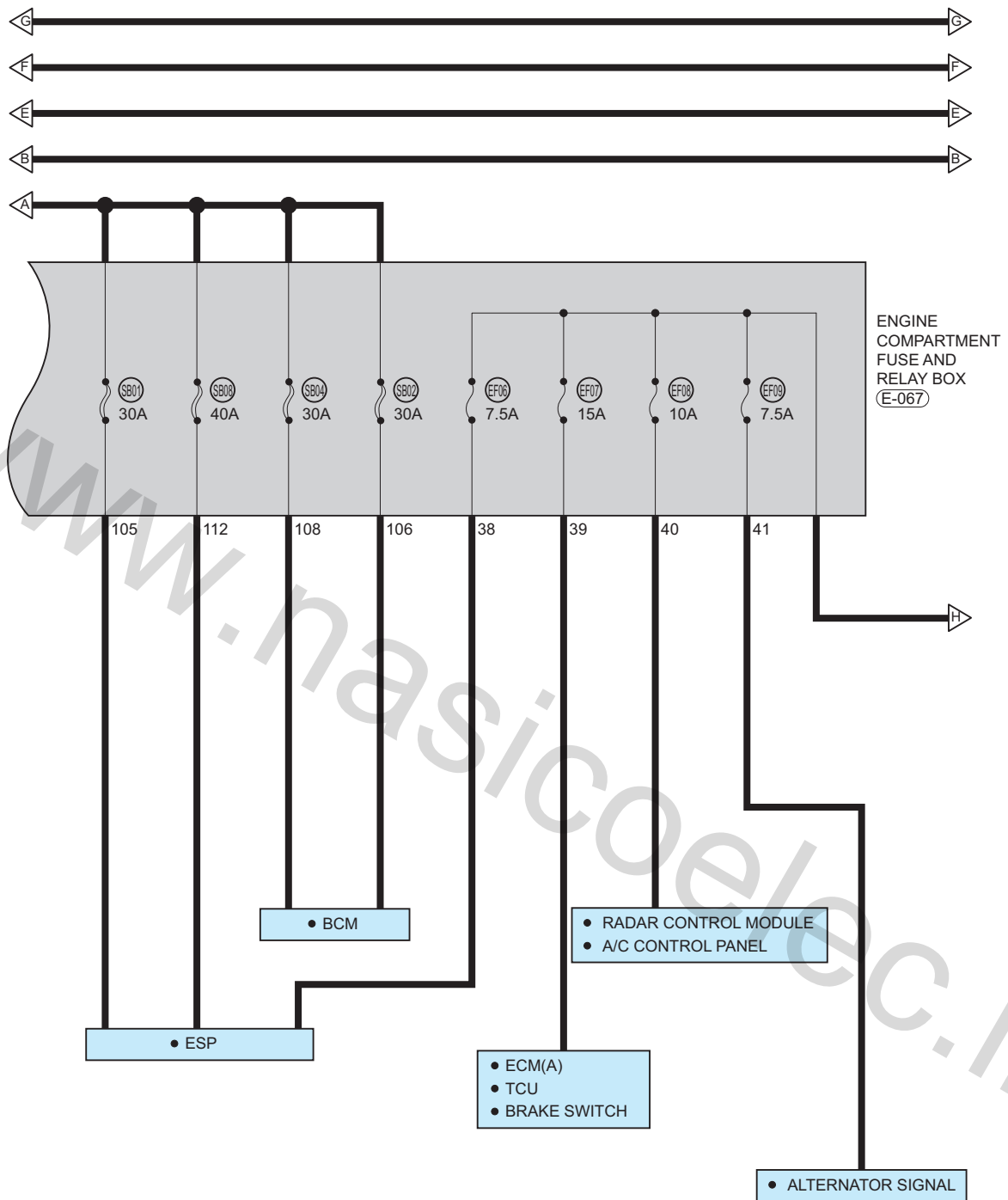


Circuit Diagram (Page 7 of 10)



EA13T100070

Circuit Diagram (Page 8 of 10)

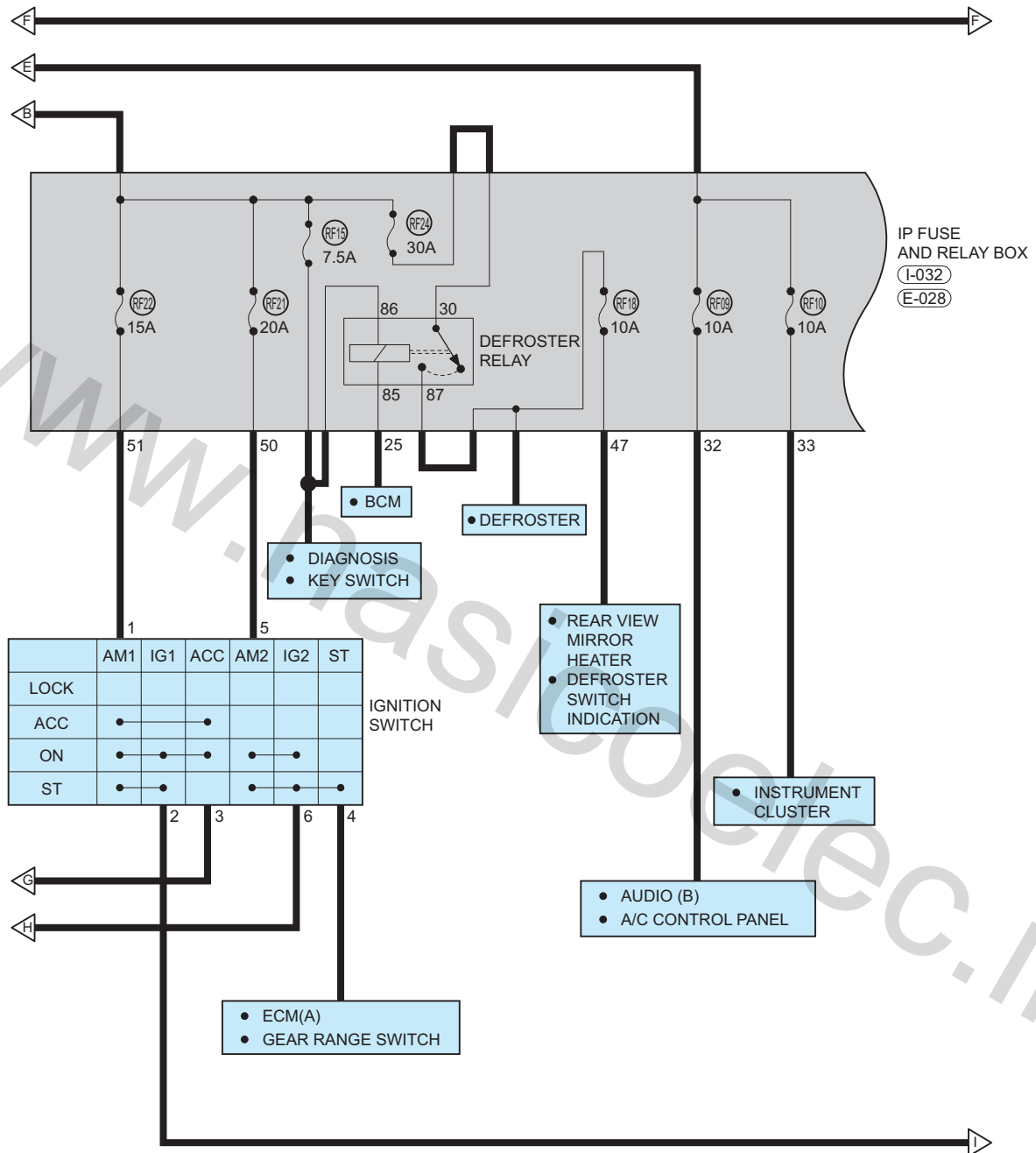


10

EA13T100080

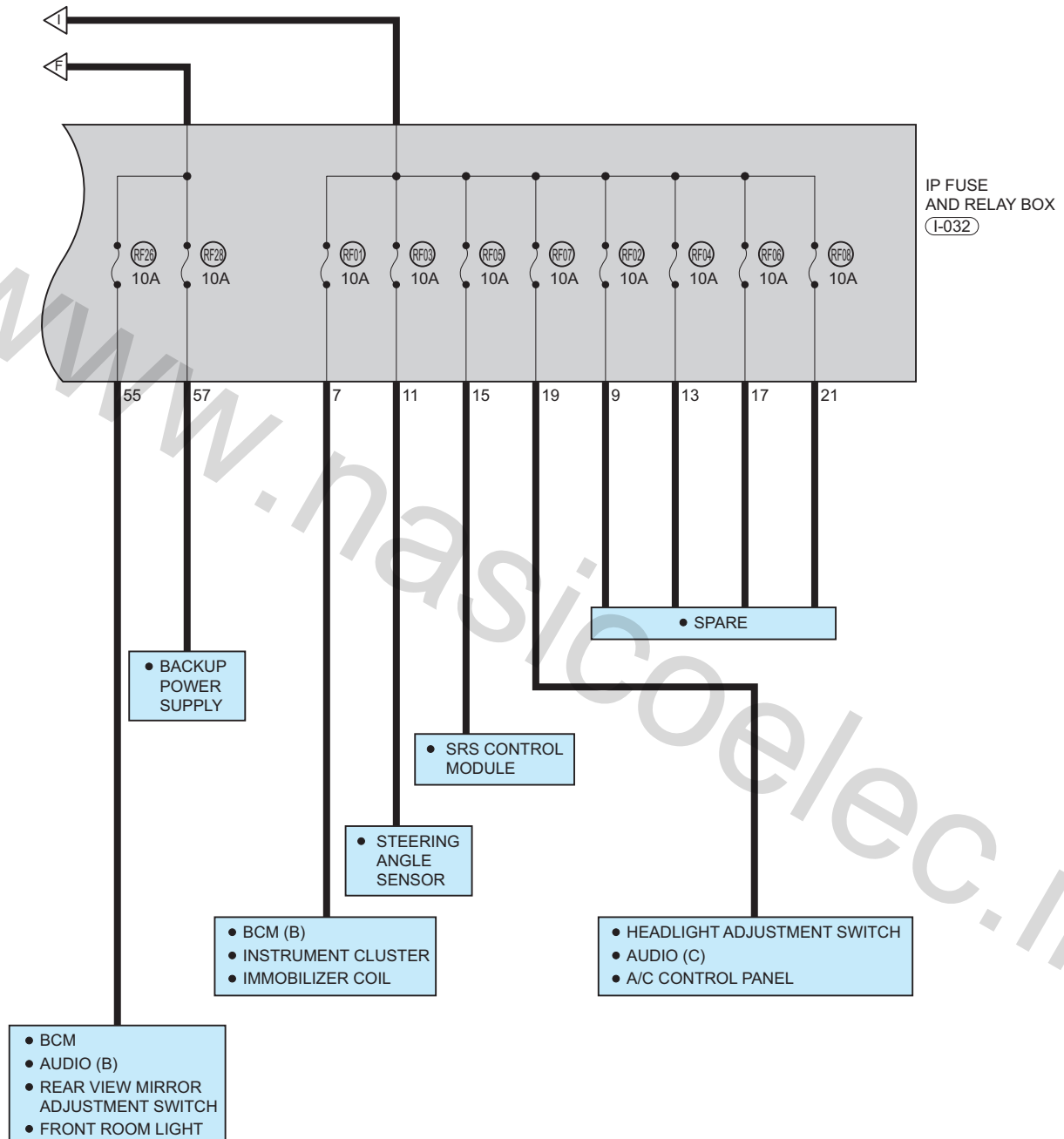


Circuit Diagram (Page 9 of 10)



EA13T100090

Circuit Diagram (Page 10 of 10)



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GROUND POINT

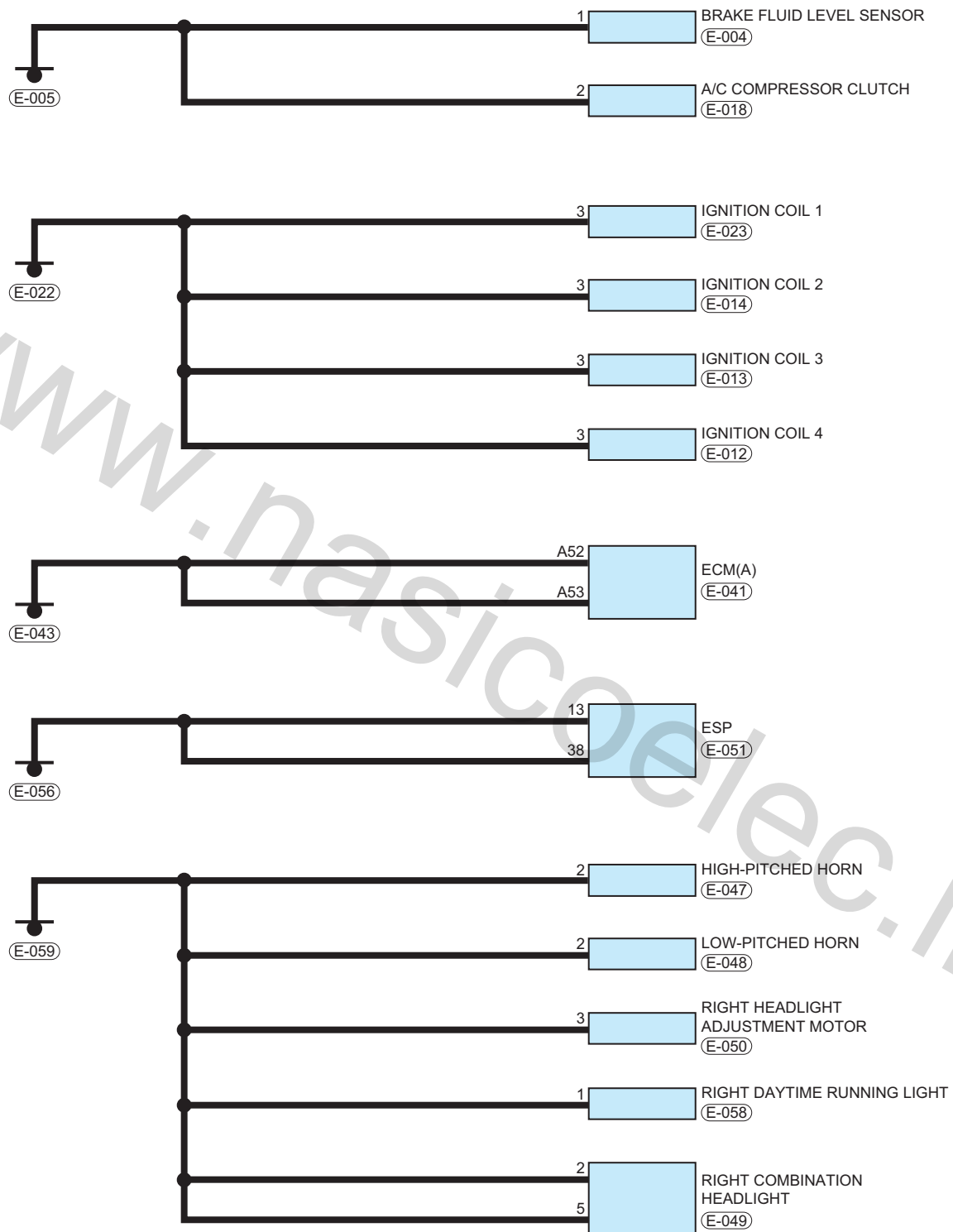
General Information

This section provides centralized and convenient information about ground positions for electrical equipment on entire vehicle. Technicians can find relevant electrical equipment quickly through ground points and solve problems accurately and efficiently.

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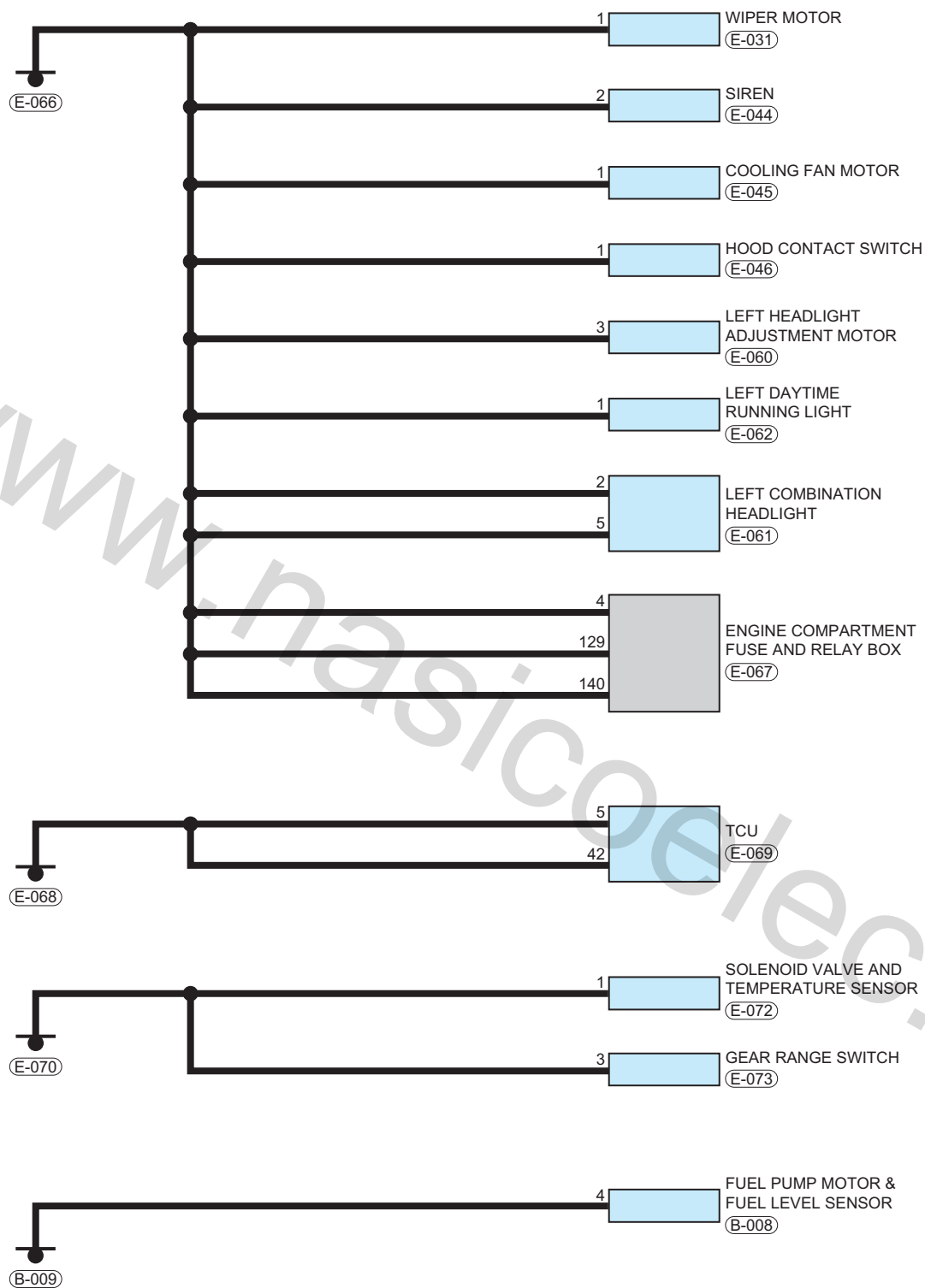
Ground Point Distribution

Circuit Diagram (Page 1 of 5)



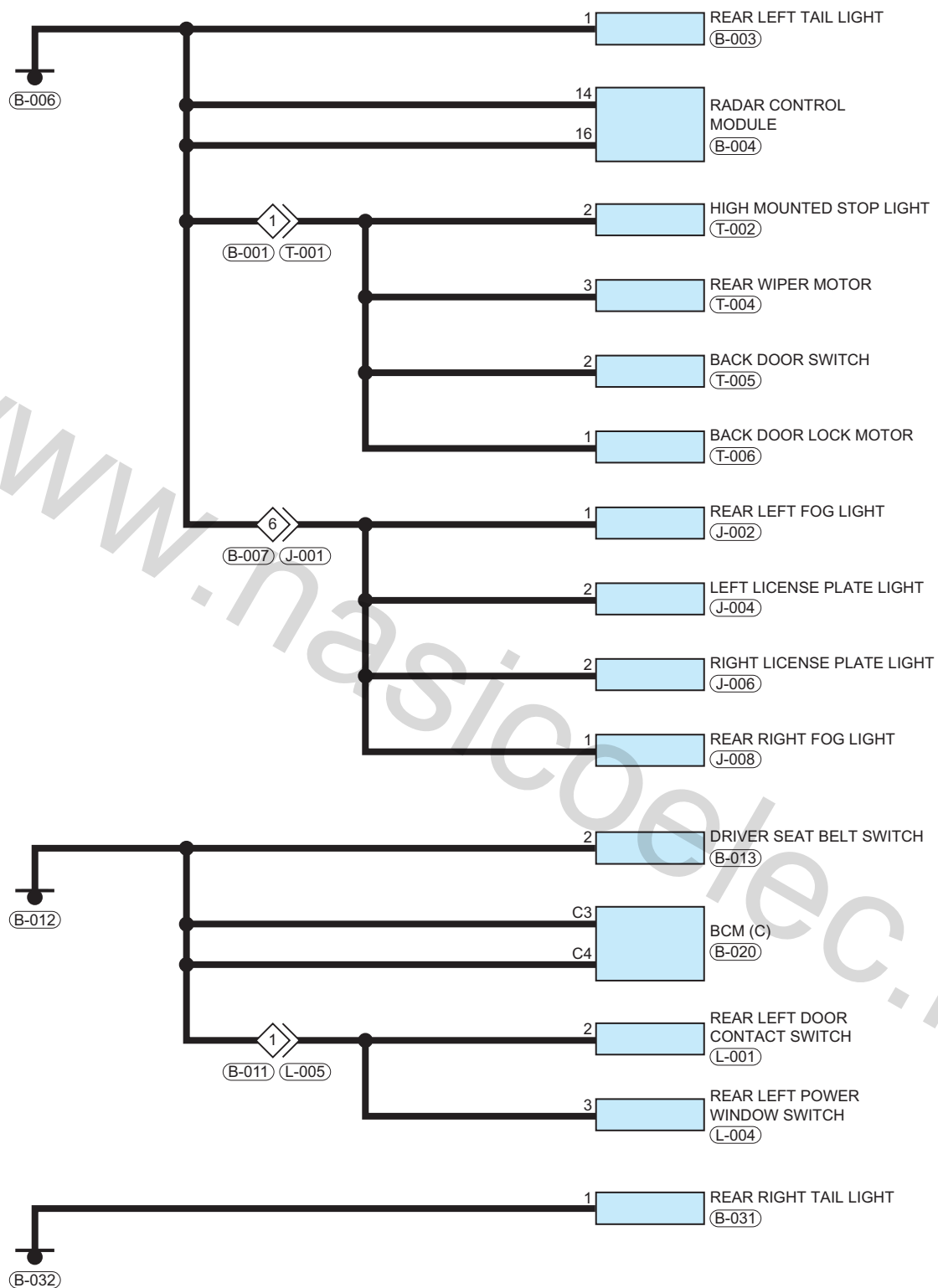
EA13T110010

Circuit Diagram (Page 2 of 5)



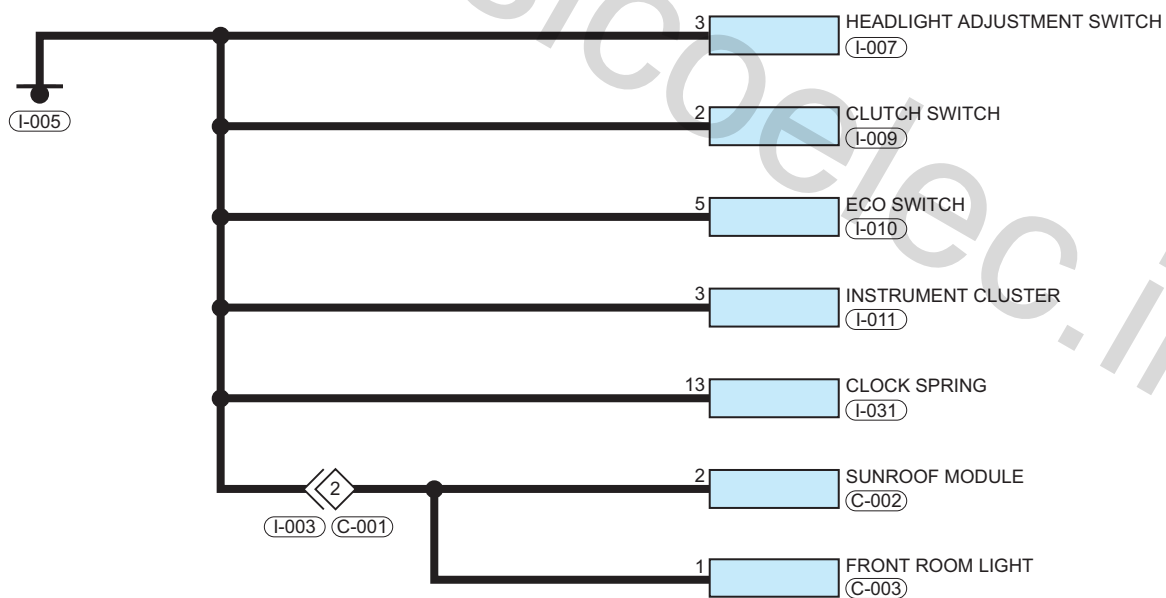
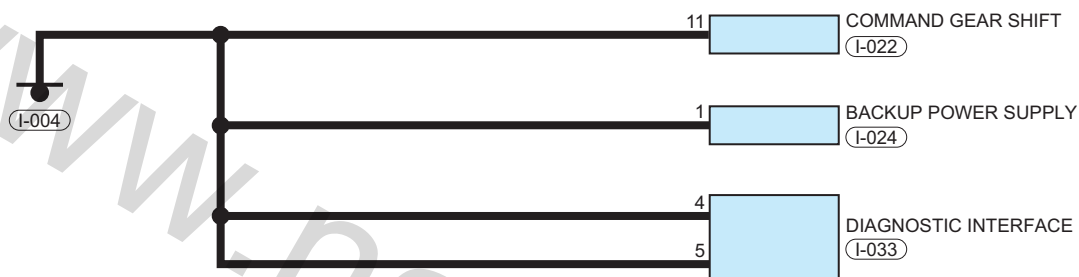
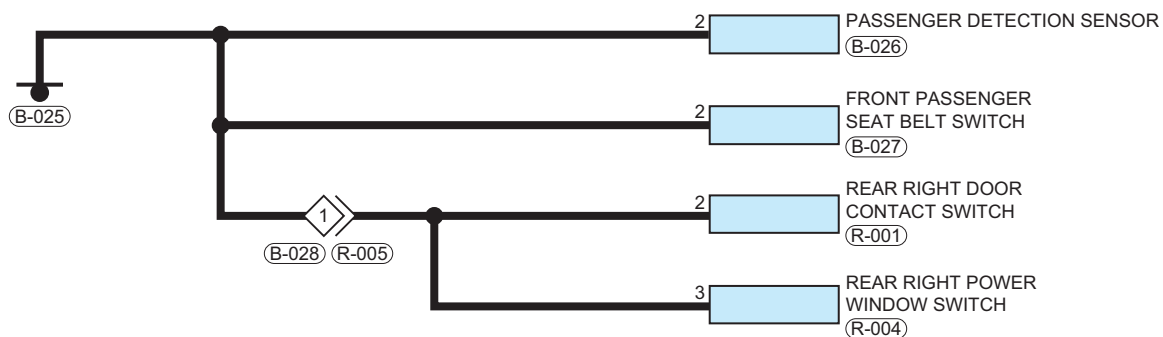
EA13T110020

Circuit Diagram (Page 3 of 5)



EA13T110030

Circuit Diagram (Page 4 of 5)

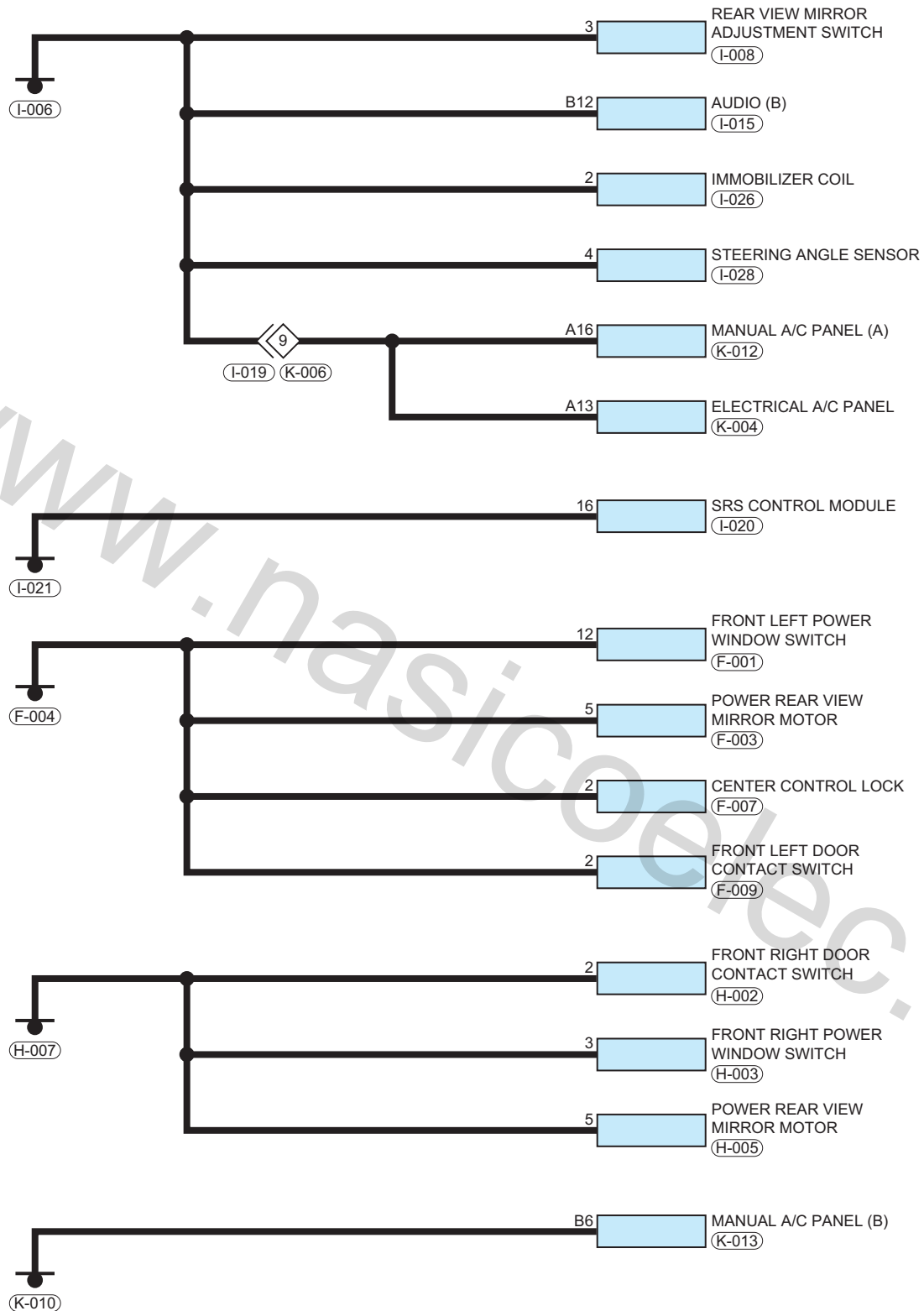


11

EA13T110040



Circuit Diagram (Page 5 of 5)



EA13T110050

CONNECTOR LIST

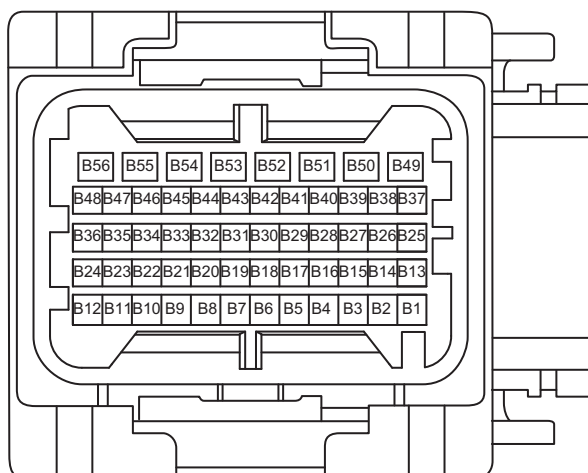
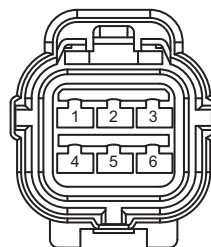
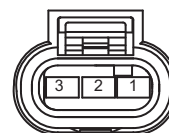
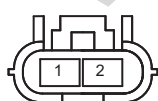
General Information

This section describes the form and terminal arrangement of connectors for parts appeared in this manual. Connectors are listed based on their locations in vehicle wire harnesses.

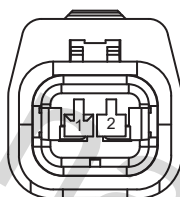
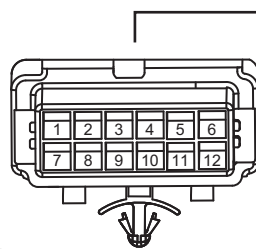
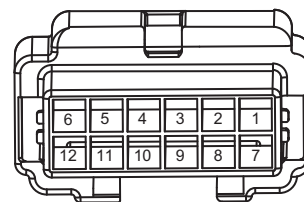
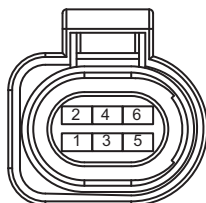
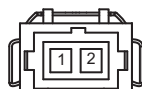
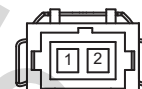
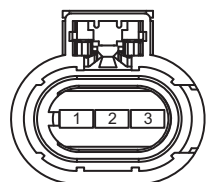
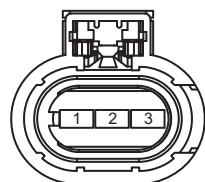
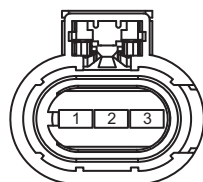
The connectors are listed in the order below:

Wire Harness Connector List	See Page
Engine Wire Harness Connector List	12-2
Engine Compartment Wire Harness Connector List	12-6
Instrument Panel Wire Harness Connector List	12-7
Body Wire Harness Connector List	12-10
Front Left Door Wire Harness Connector List	12-13
Front Right Door Wire Harness Connector List	12-13
Rear Left Door Wire Harness Connector List	12-14
Rear Right Door Wire Harness Connector List	12-14
Back Door Wire Harness Connector List	12-15
Rear Bumper Wire Harness Connector List	12-15
Roof Wire Harness Connector List	12-16
Battery Positive/Negative Wire Harness Connector List	12-16
Manual/Electrical A/C Wire Harness Connector List	12-17

Engine Wire Harness Connector List

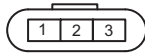
(E-001)
B(E-002)
B(E-003)
B(E-004)
B

(E-005)

(E-006)
B(E-007)
B(E-035)
B(E-008)
B(E-009)
B(E-010)
B(E-011)
B(E-012)
B(E-013)
B(E-014)
B(E-015)
B



(E-016)
B



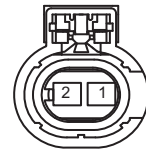
(E-017)
B



(E-018)
B



(E-019)
B



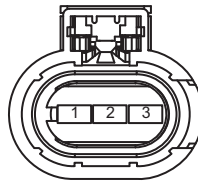
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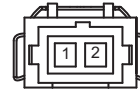
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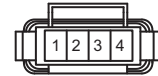
(E-022)



(E-023)
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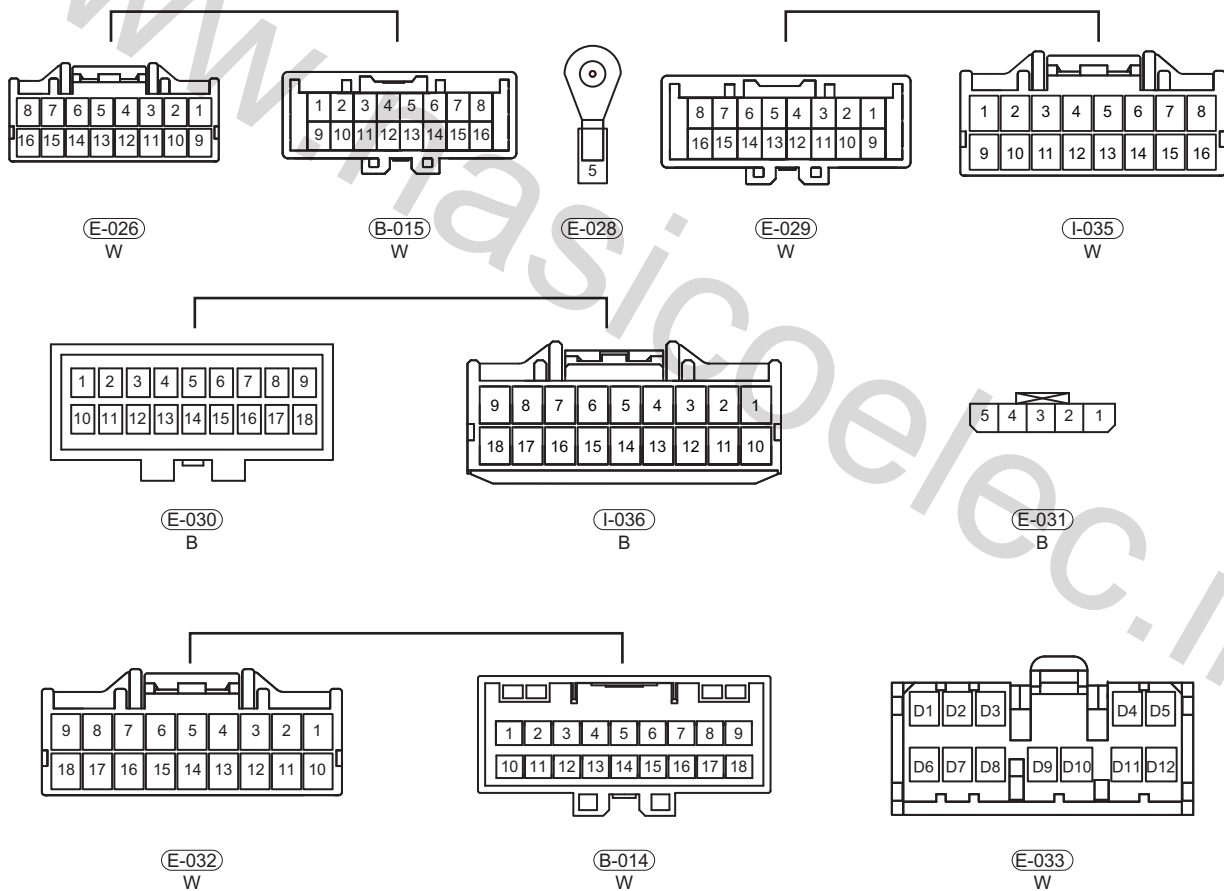


(E-024)
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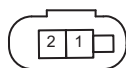


(E-025)
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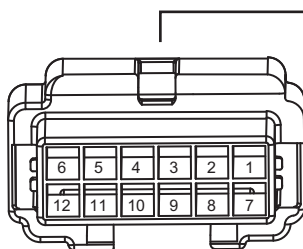
Engine Compartment Wire Harness Connector List



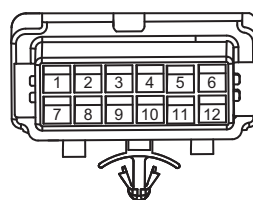
EA13T120020



(E-034)
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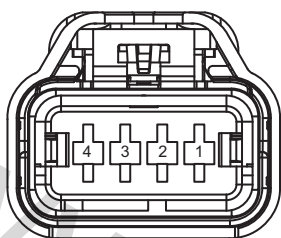
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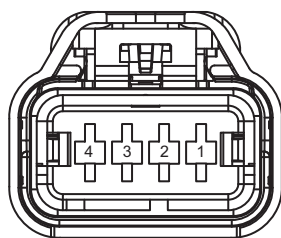
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(E-036)
Gr



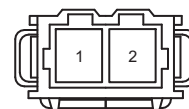
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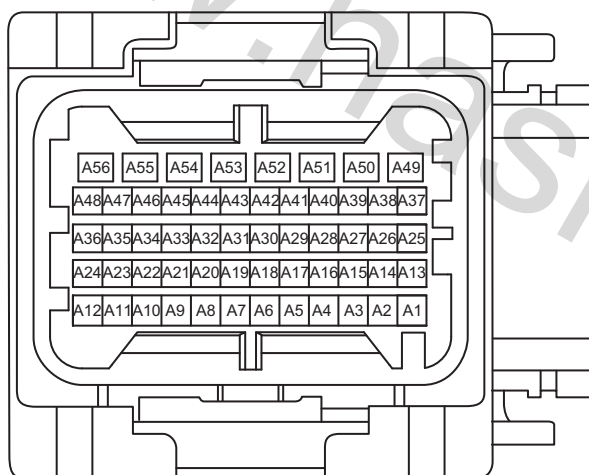
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(E-039)
B



(E-040)
B



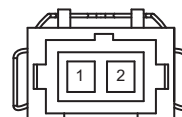
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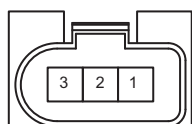
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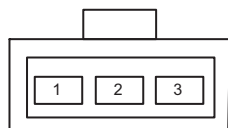
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(E-044)
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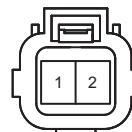
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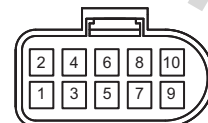
(E-046)
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(E-047)
Gr

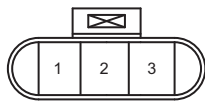
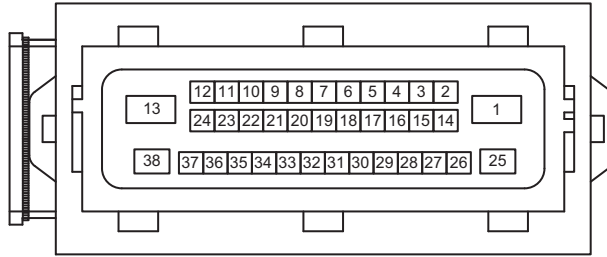
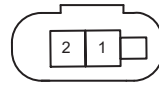
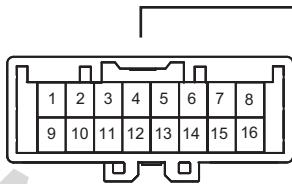
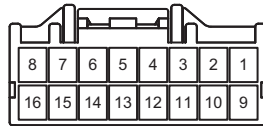
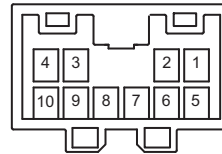
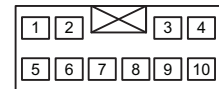
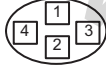


(E-048)
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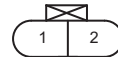


(E-049)
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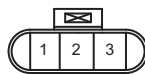
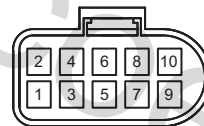
EA13T120030

E-050
BE-051
BE-052
BE-053
WB-024
WE-054
WI-018
WE-055
Gr

E-056

E-057
GrE-058
B

E-059

E-060
BE-061
BE-062
B

E-063



E-064

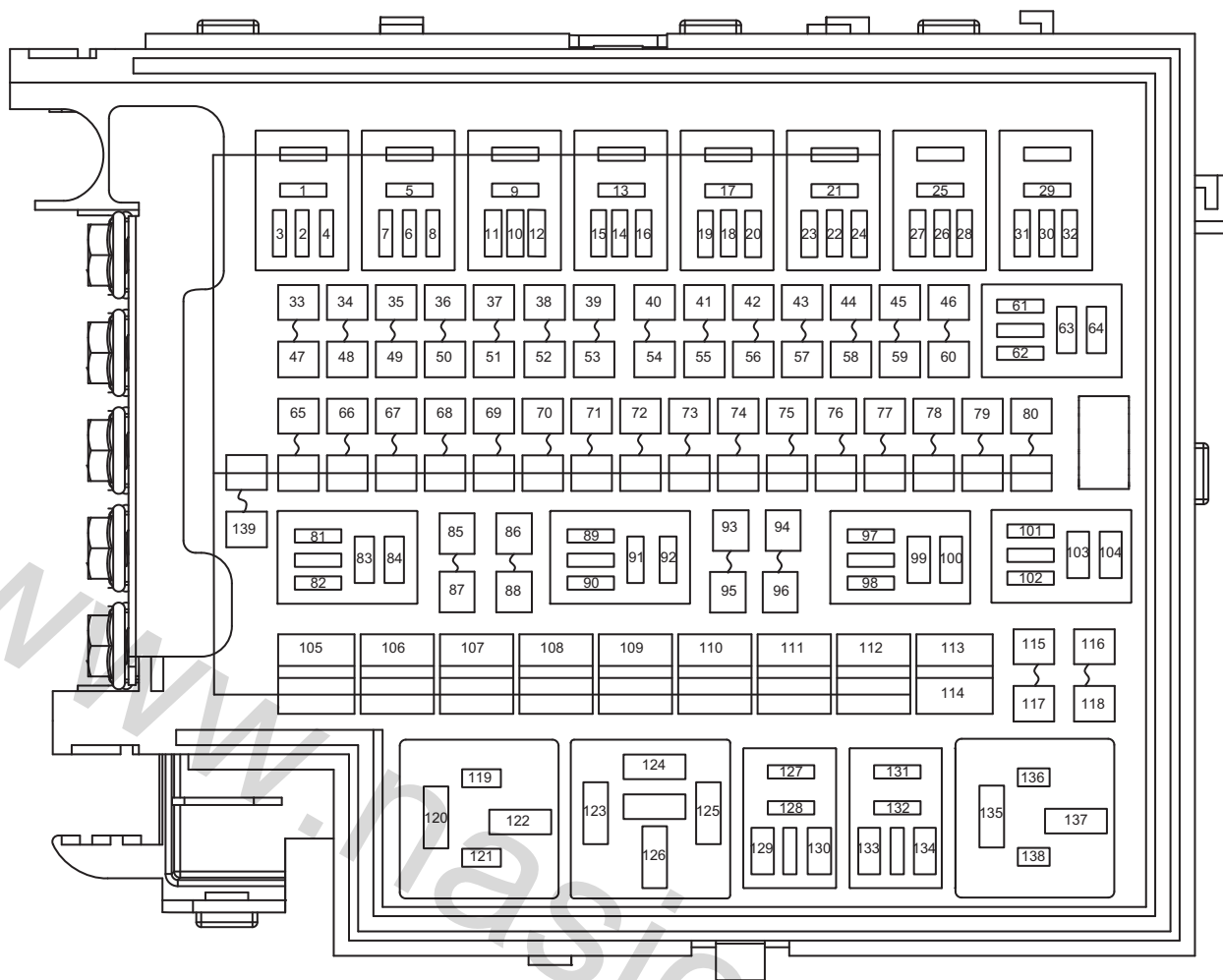


E-065



E-066

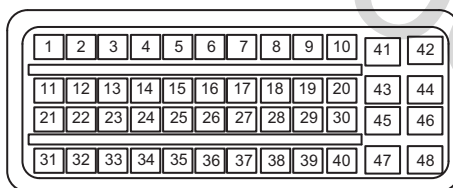
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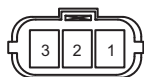
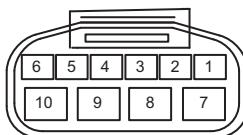
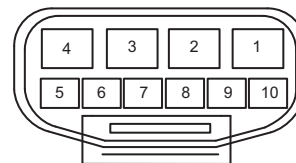
(E-067)



(E-068)

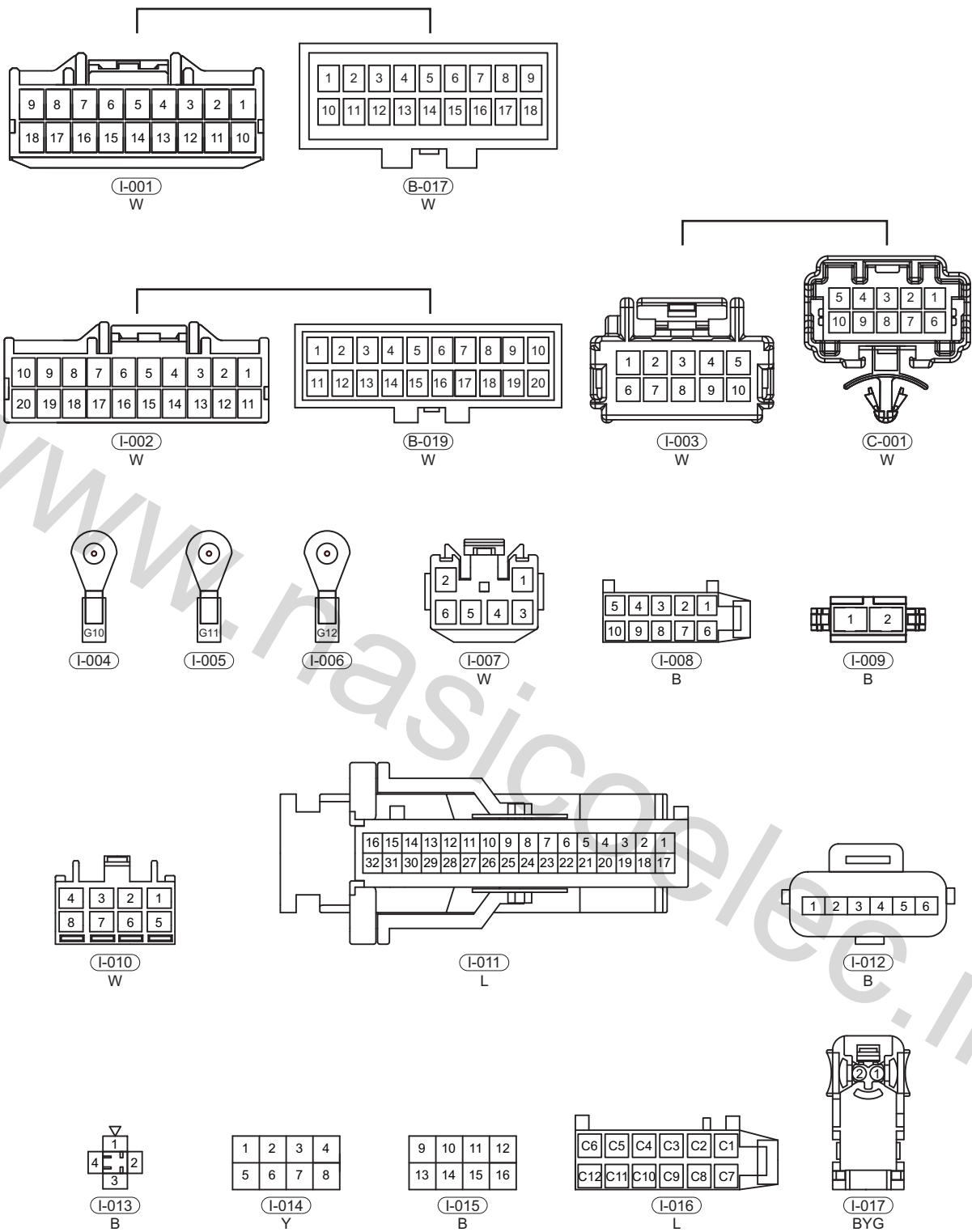
(E-069)
B

(E-070)

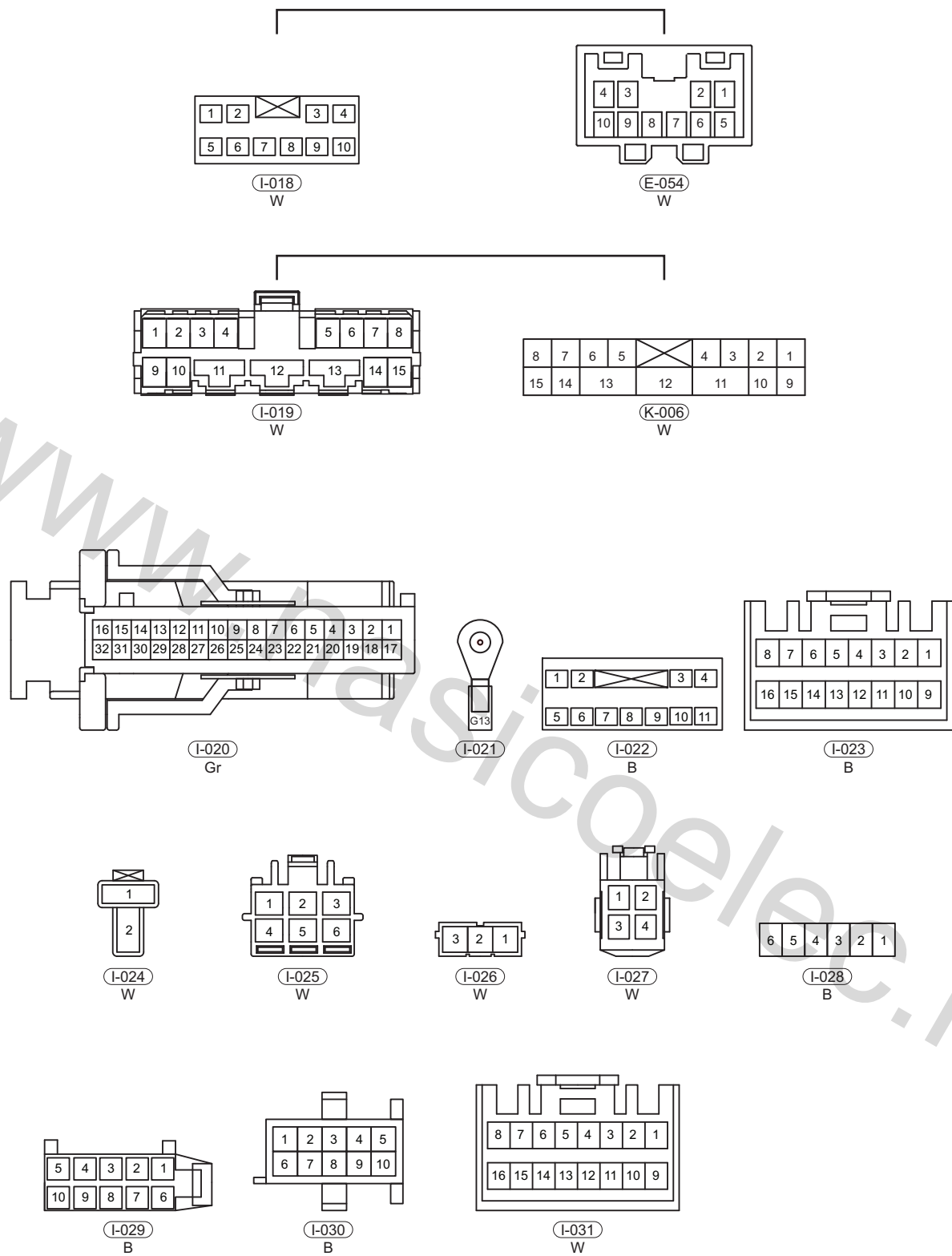
(E-071)
B(E-072)
Gr(E-073)
B

EA13T120050

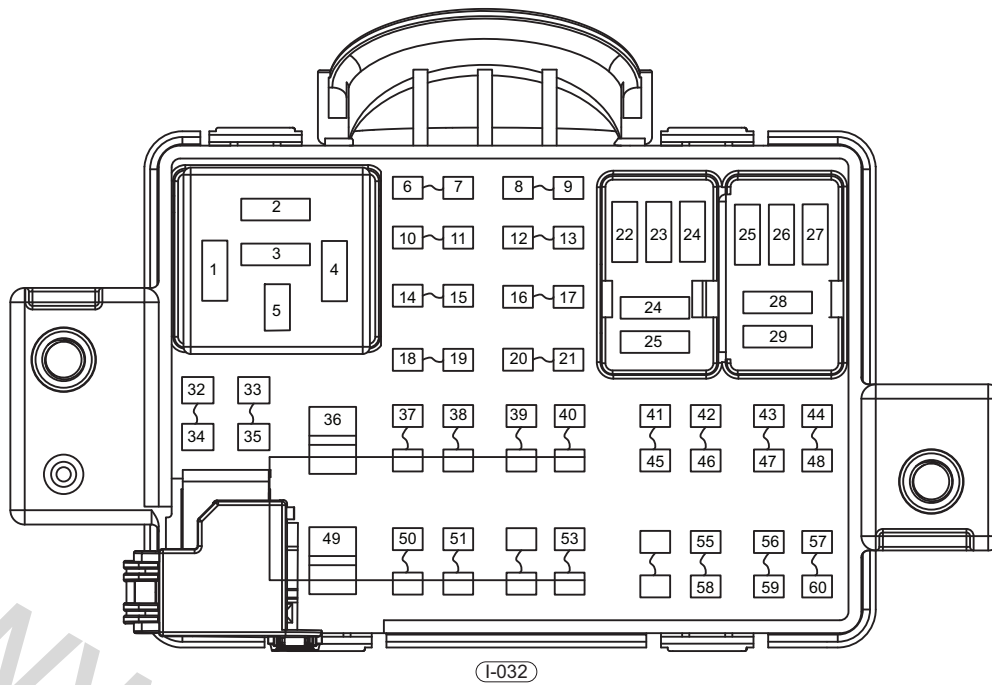
Instrument Panel Wire Harness Connector List



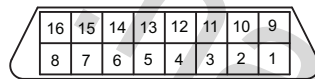
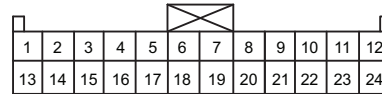
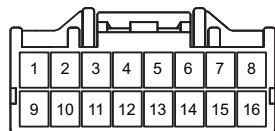
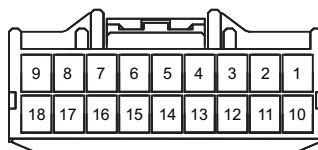
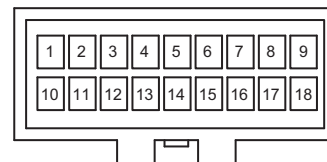
EA13T120060



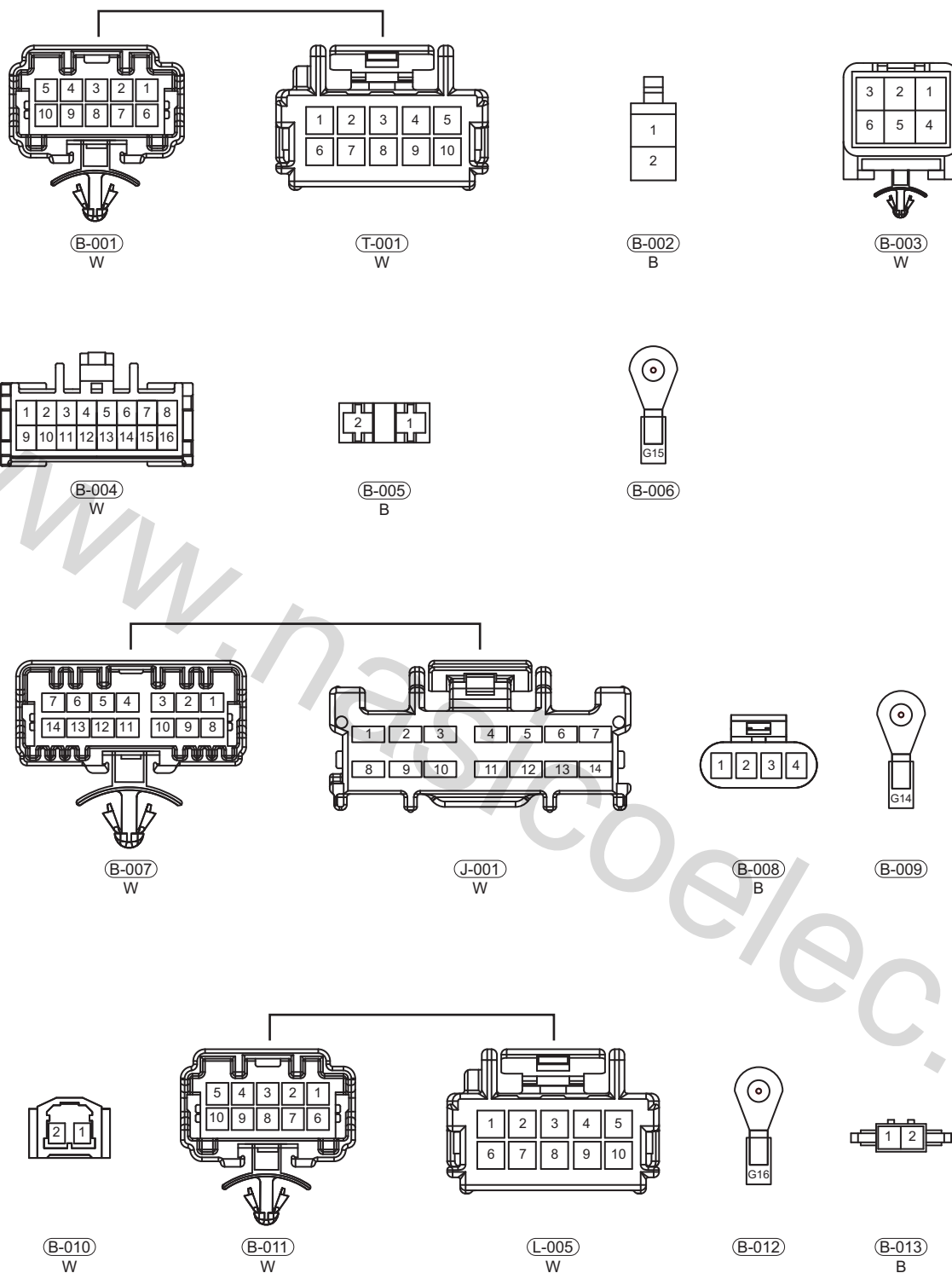
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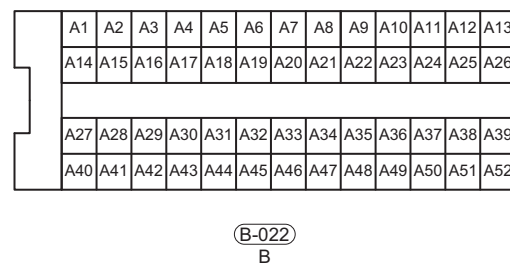
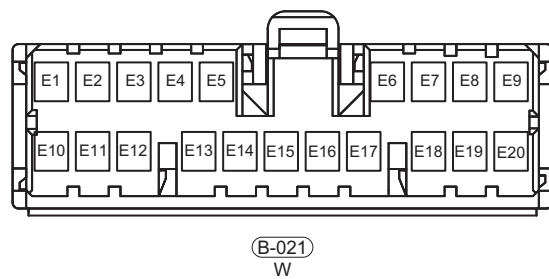
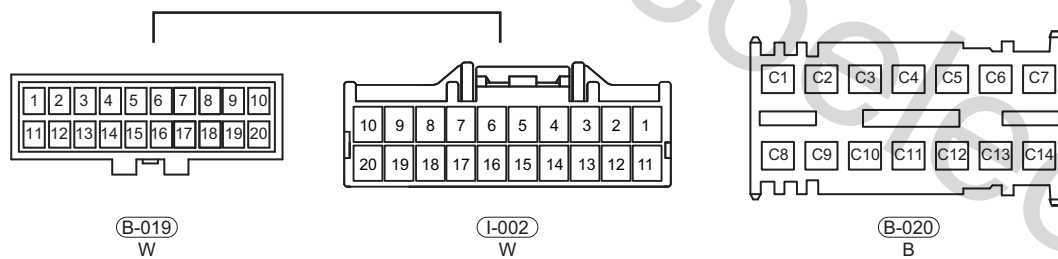
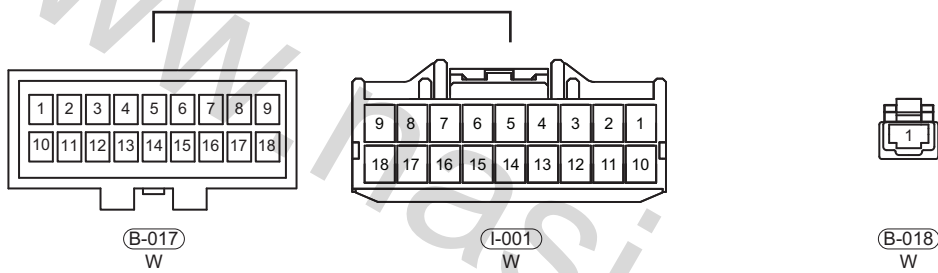
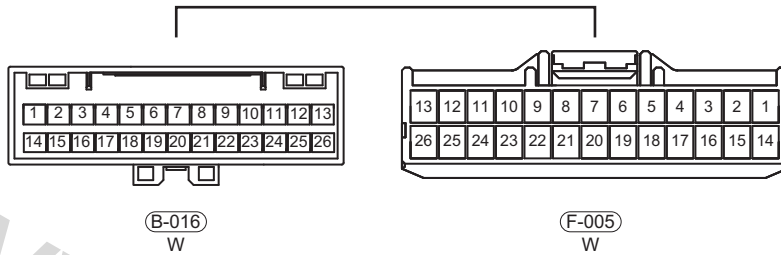
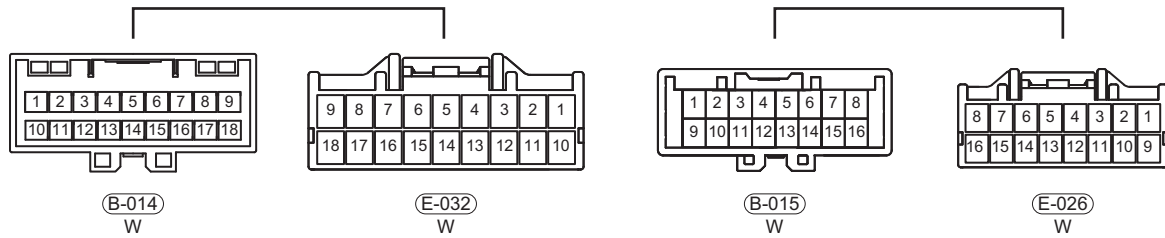
I-032

I-033
BI-034
WI-035
WE-029
WI-036
BE-030
B

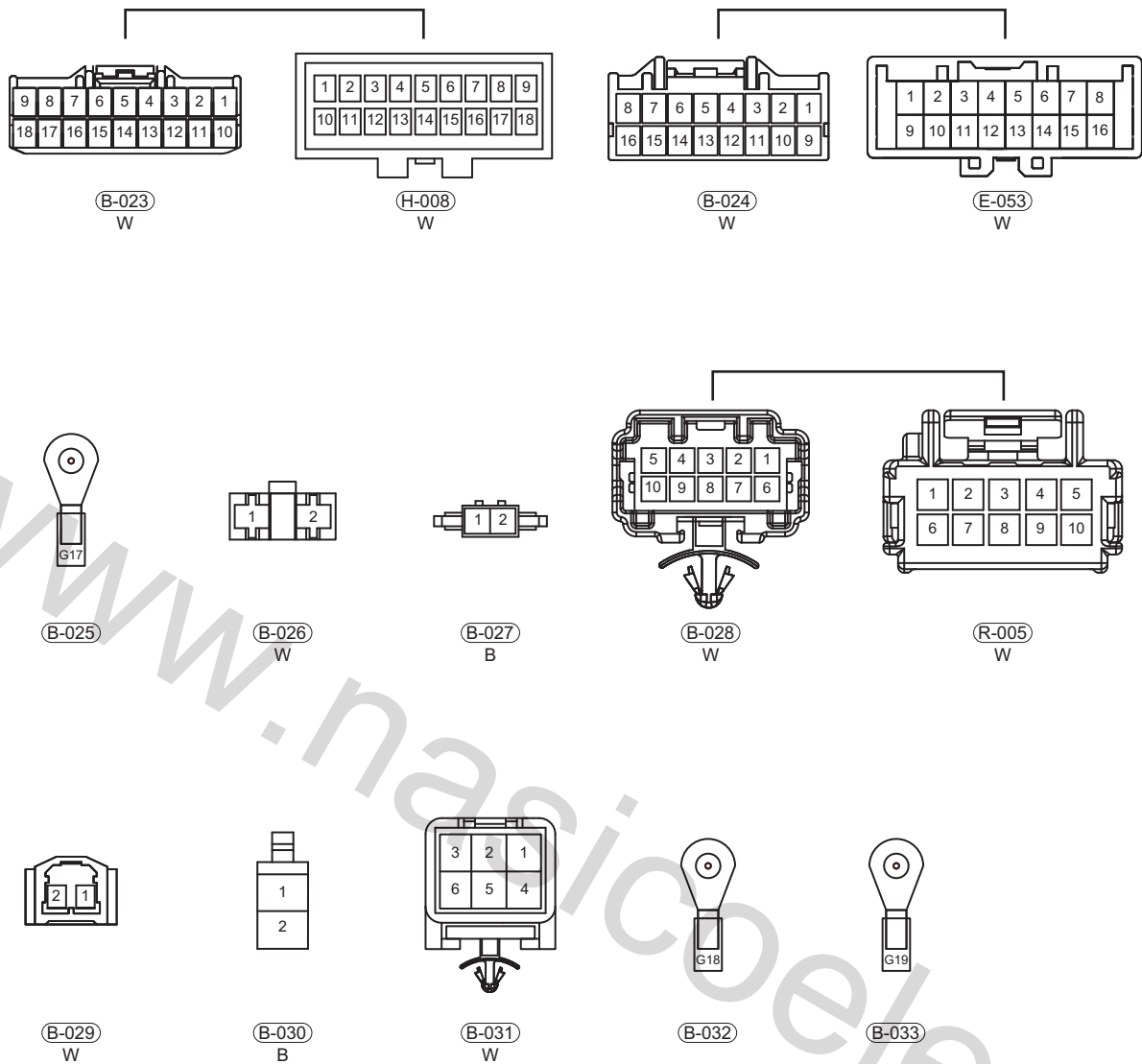
Body Wire Harness Connector List



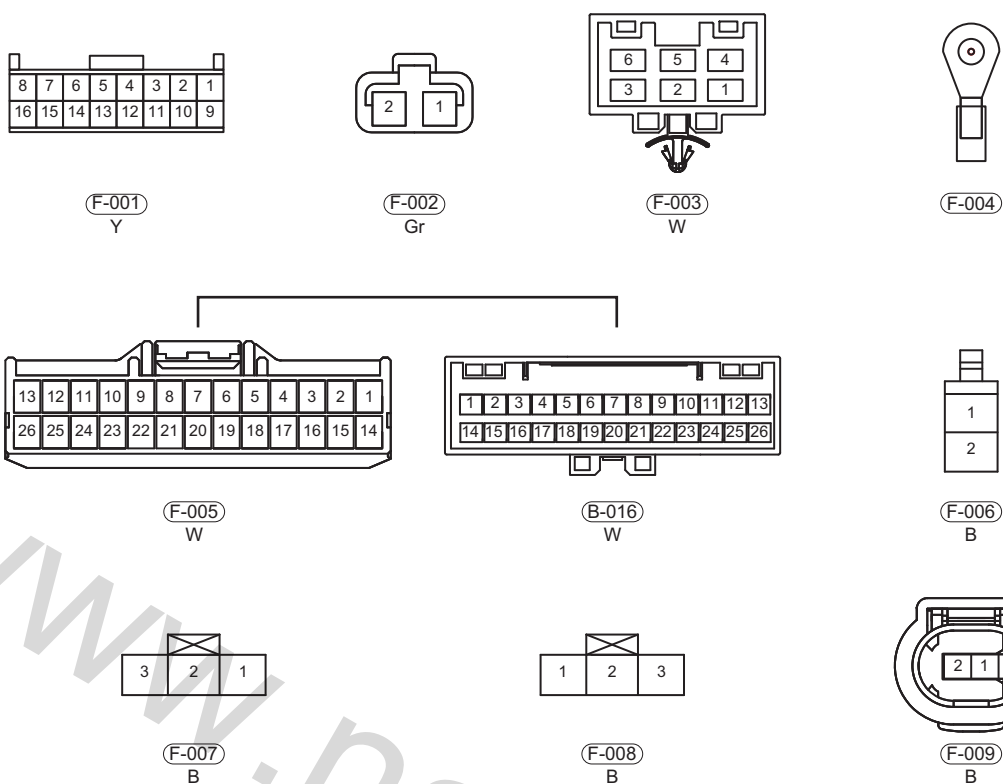
EA13T120090



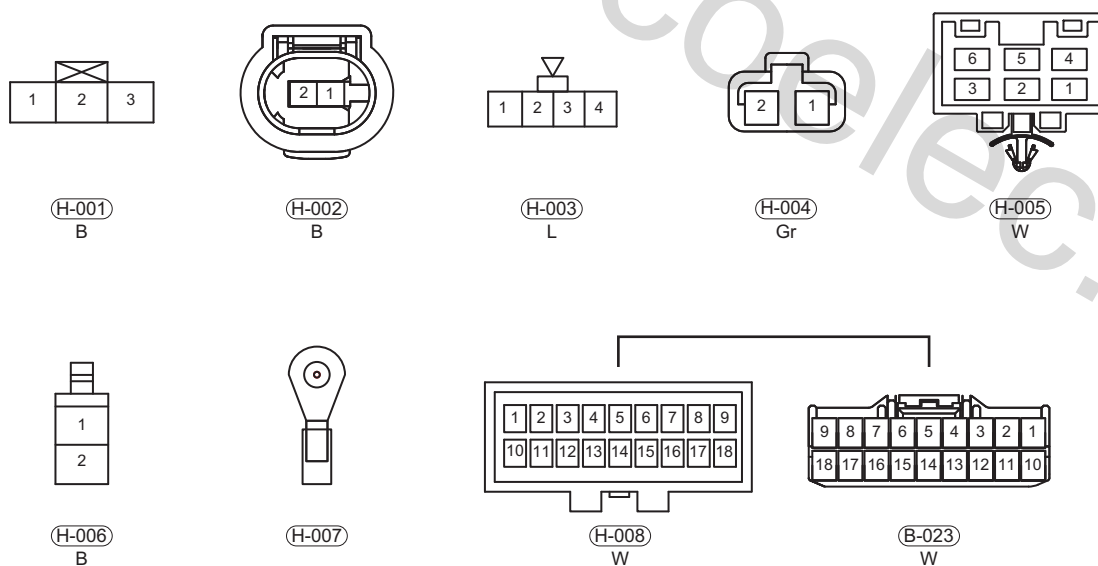
EA13T120100



Front Left Door Wire Harness Connector List



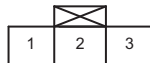
Front Right Door Wire Harness Connector List



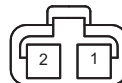
Rear Left Door Wire Harness Connector List



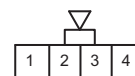
(L-001)
B



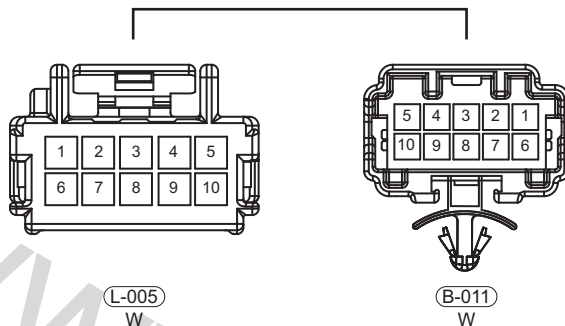
(L-002)
B



(L-003)
Gr



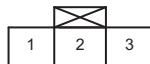
(L-004)
L



Rear Right Door Wire Harness Connector List



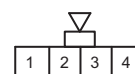
(R-001)
B



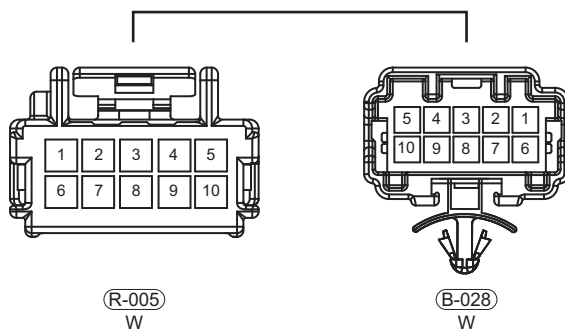
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B



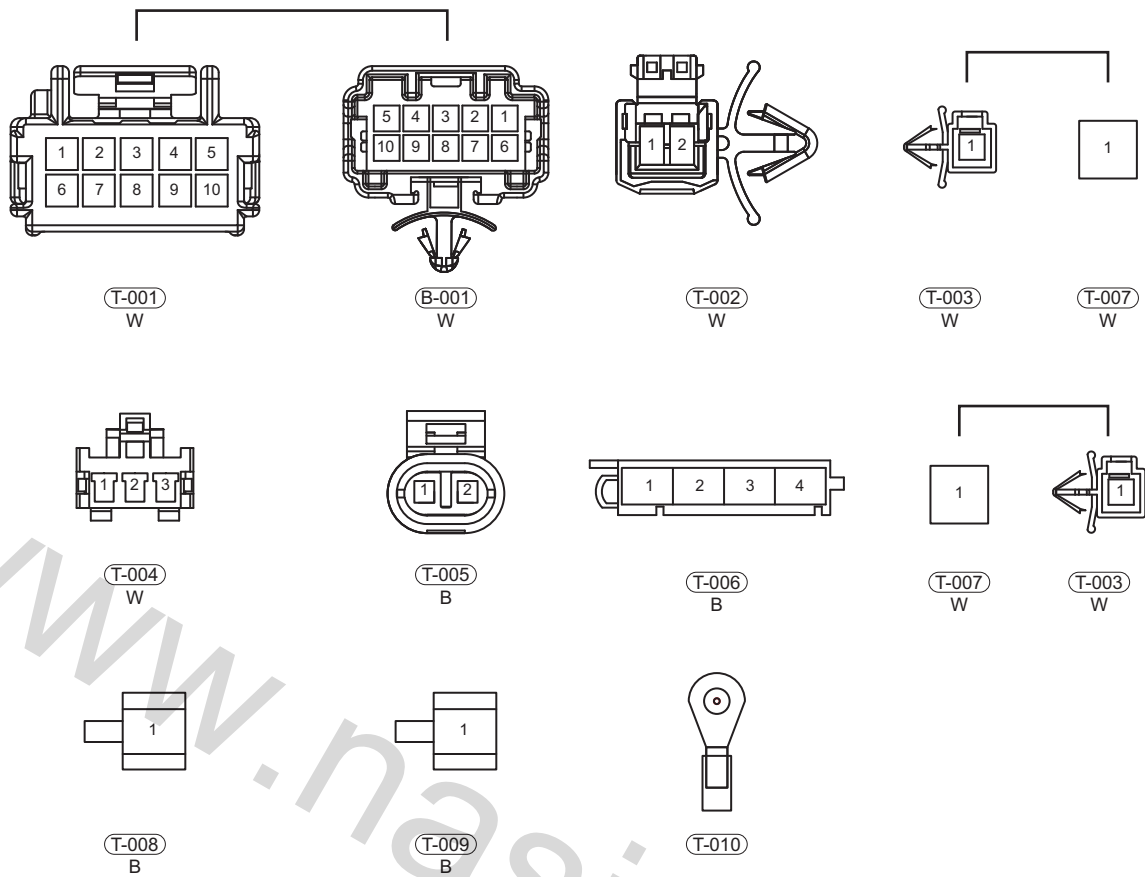
(R-003)
Gr



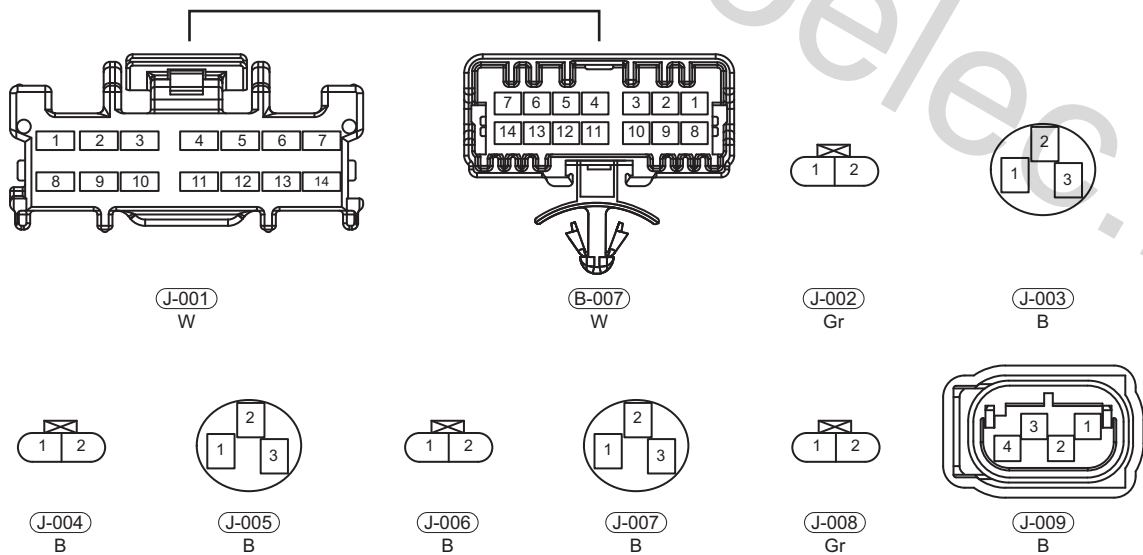
(R-004)
L



Back Door Wire Harness Connector List

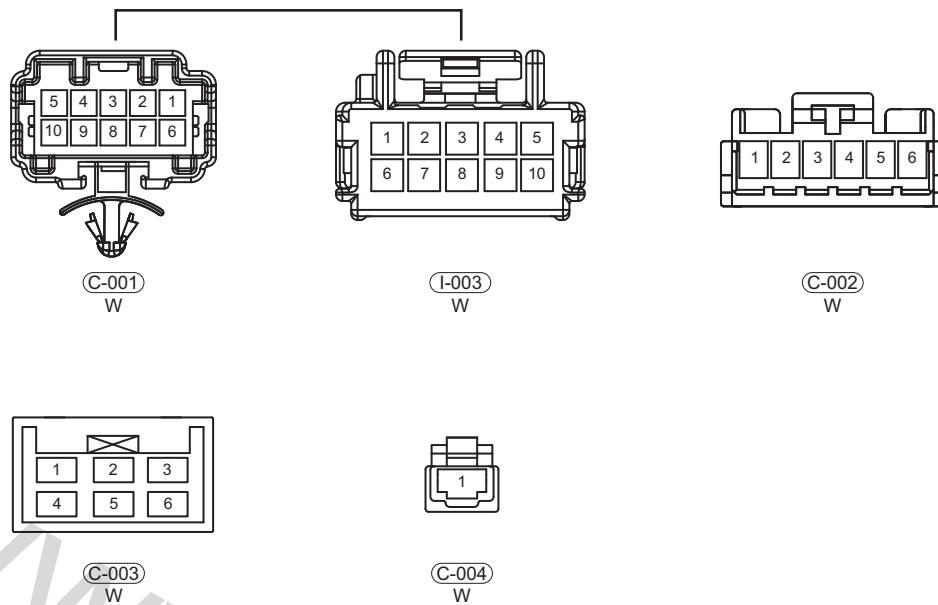


Rear Bumper Wire Harness Connector List

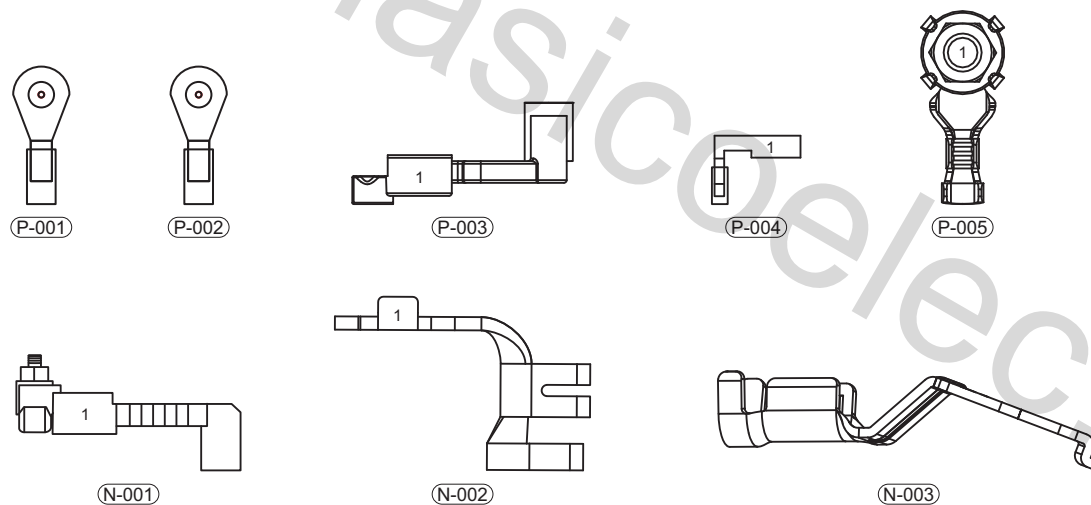


EA13T120140

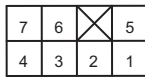
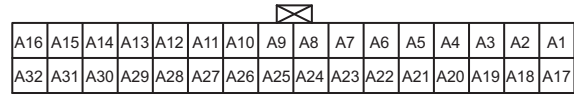
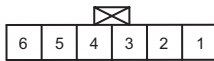
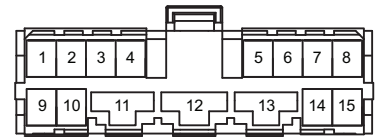
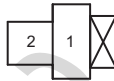
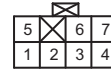
Roof Wire Harness Connector List



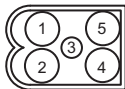
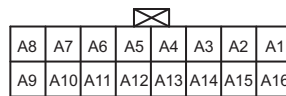
Battery Positive/Negative Wire Harness Connector List



Manual/Electrical A/C Wire Harness Connector List

(K-001)
W(K-002)
W(K-003)
W(K-004)
L(K-005)
W(K-006)
W(I-019)
W(K-007)
B(K-008)
W(K-009)
W

(G-01)

(K-011)
W(K-012)
W(K-013)
W

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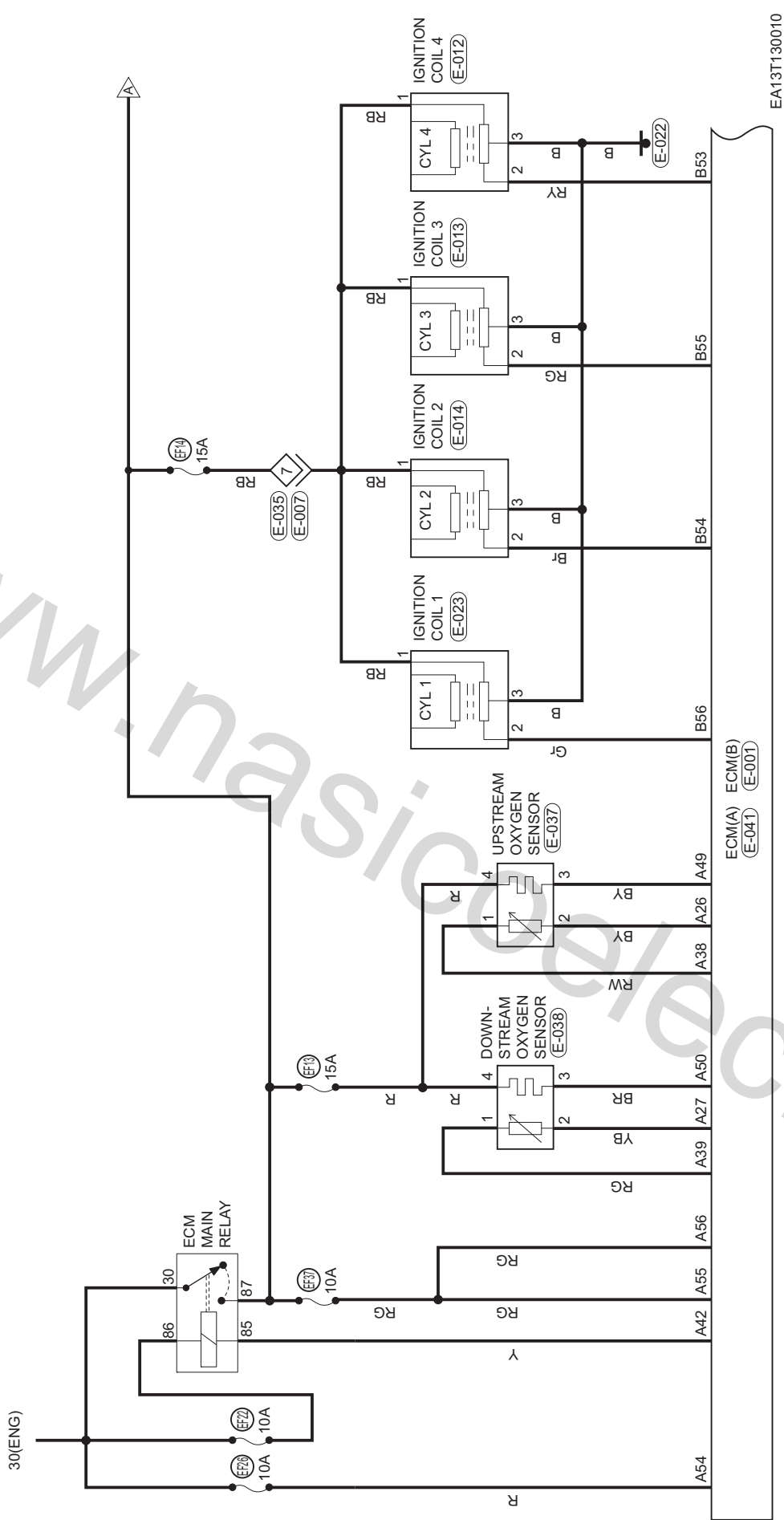
OVERALL ELECTRICAL WIRING DIAGRAM

General Information

This section provides circuit diagrams showing overall circuits connections. The overall electrical wiring diagrams are listed in the order below.

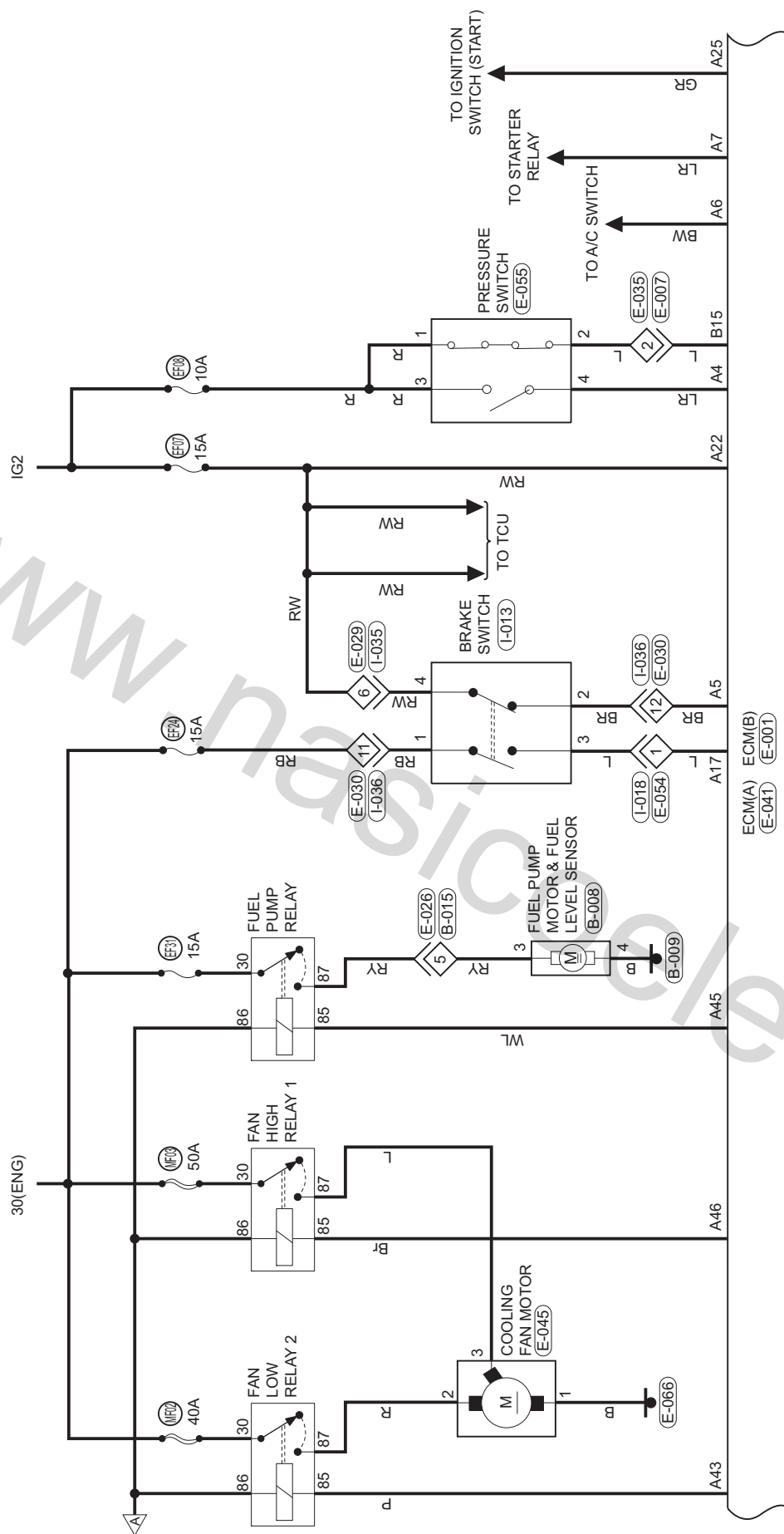
Circuit Diagram	See Page
Engine Management System	13-2
Ignition Switch/Charging System/Starting System	13-7
Transmission Control Unit (TCU)	13-8
ESP (ABS)/Brake Light	13-9
Body Control Module (BCM)	13-10
Instrument Cluster	13-20
Electrical A/C System	13-21
Manual A/C System	13-24
Audio System	13-26
Clock Spring	13-27
Supplemental Restraint System/Power Rear View Mirror	13-28
Reversing Radar System/Sunroof/Backup Power Supply	13-29
CAN System/Diagnostic Interface	13-30

Engine Management System
Circuit Diagram (Page 1 of 5)



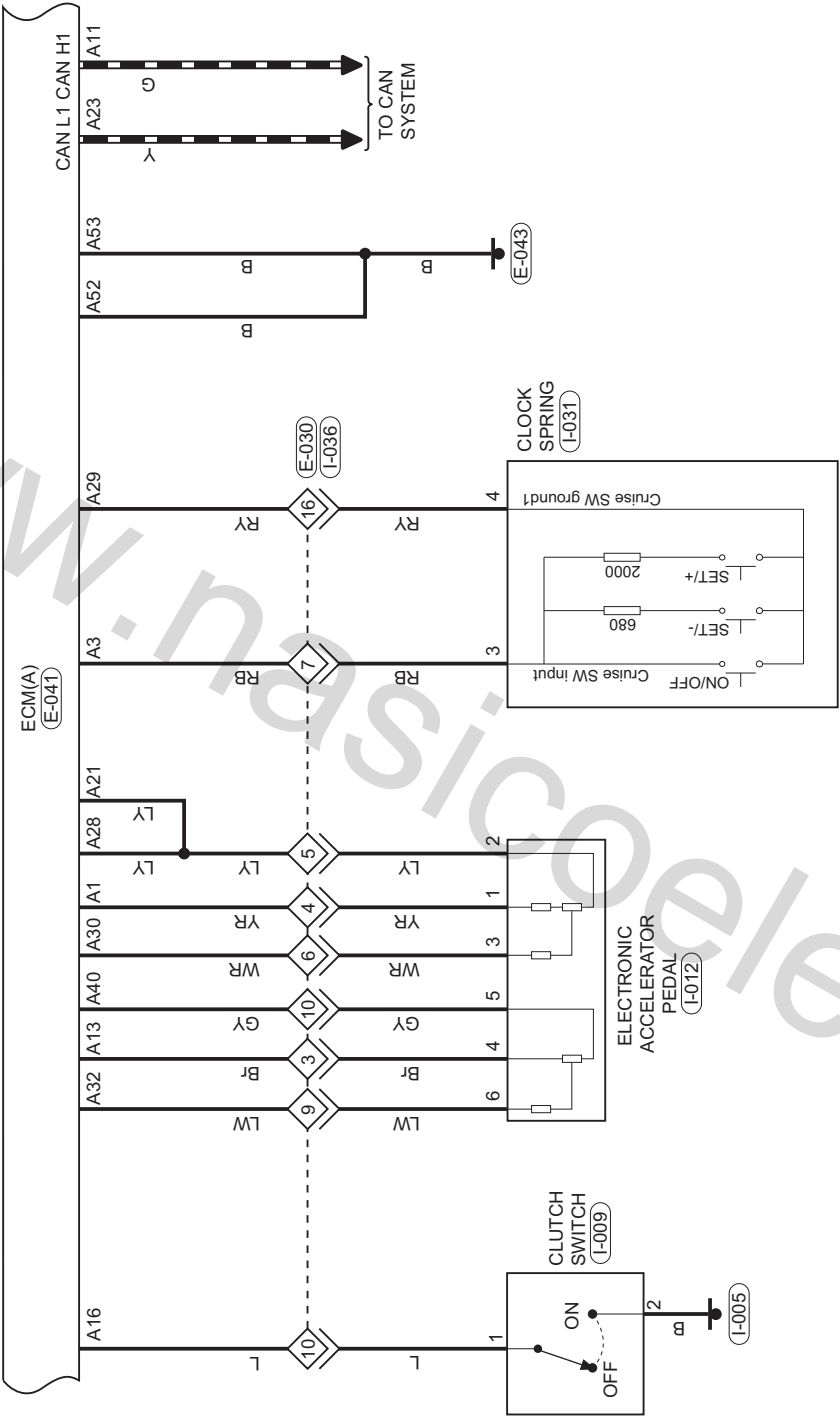
13 - OVERALL ELECTRICAL WIRING DIAGRAM

Circuit Diagram (Page 3 of 5)



EA13T130030

Circuit Diagram (Page 4 of 5)

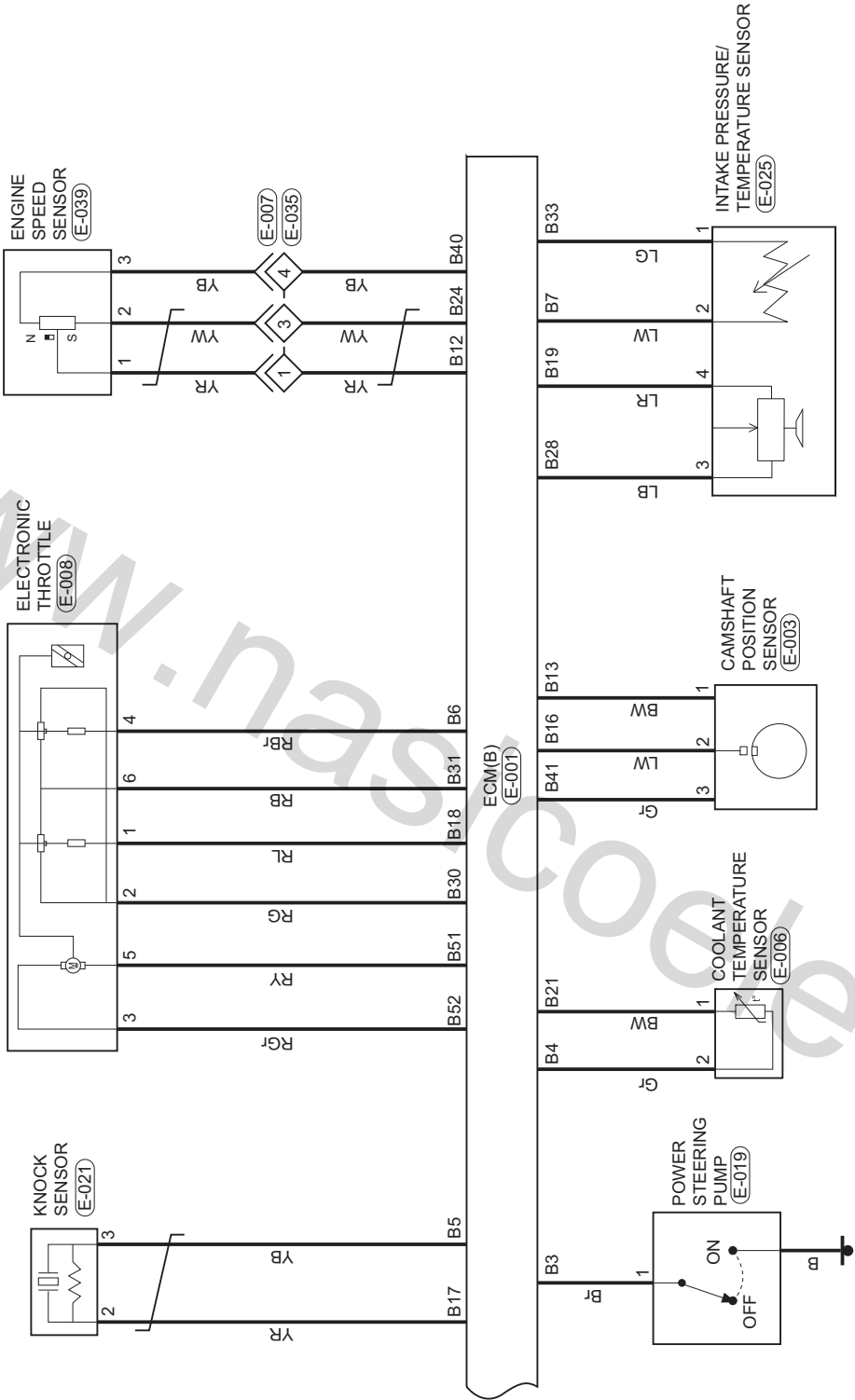


EA13T130040



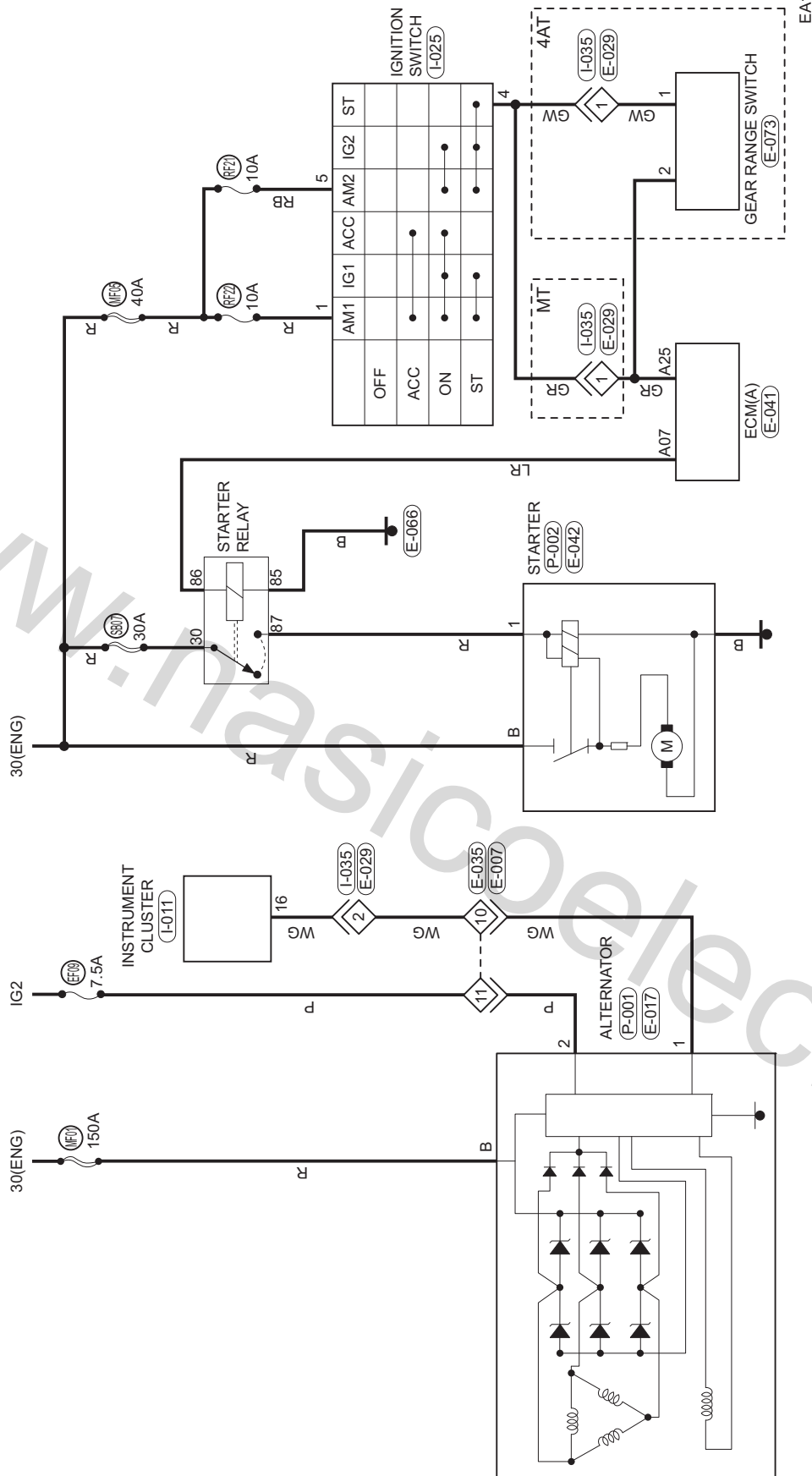
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Circuit Diagram (Page 5 of 5)

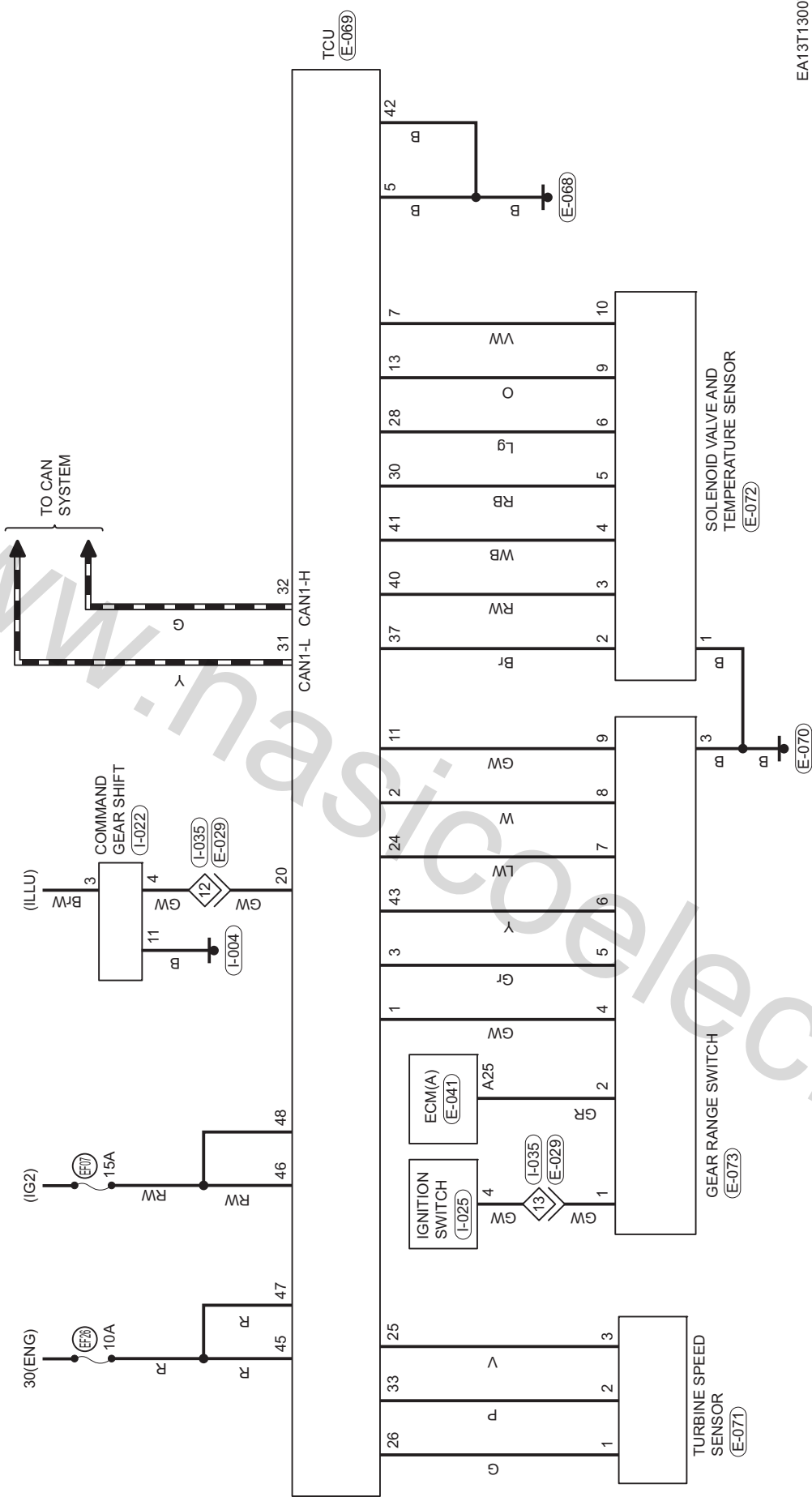


EA13T130050

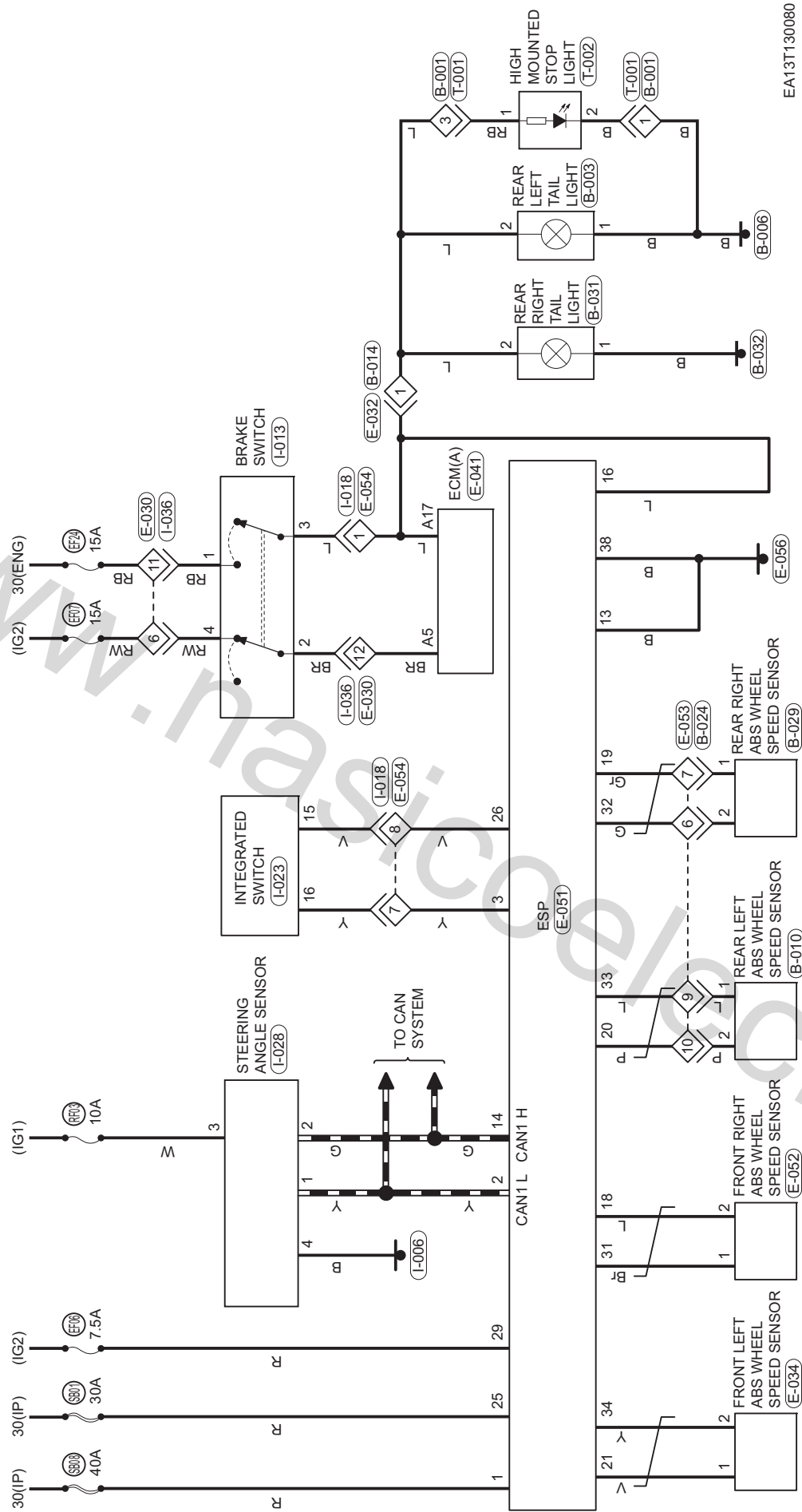
Ignition Switch/Charging System/Starting System Circuit Diagram (Page 1 of 1)



Transmission Control Unit (TCU)
Circuit Diagram (Page 1 of 1)



ESP (ABS)/Brake Light Circuit Diagram (Page 1 of 1)



EA13T130080

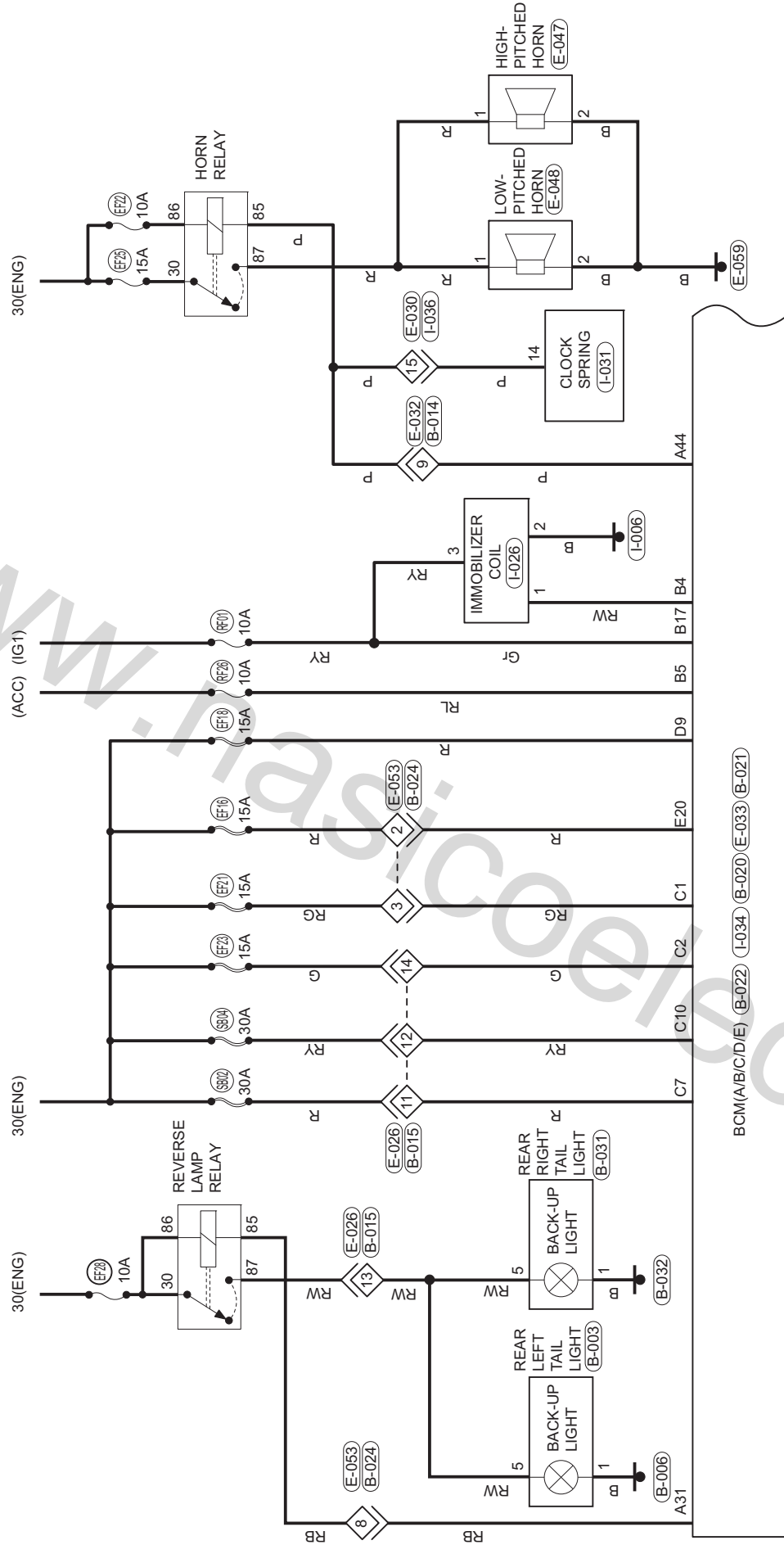


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13 - OVERALL ELECTRICAL WIRING DIAGRAM

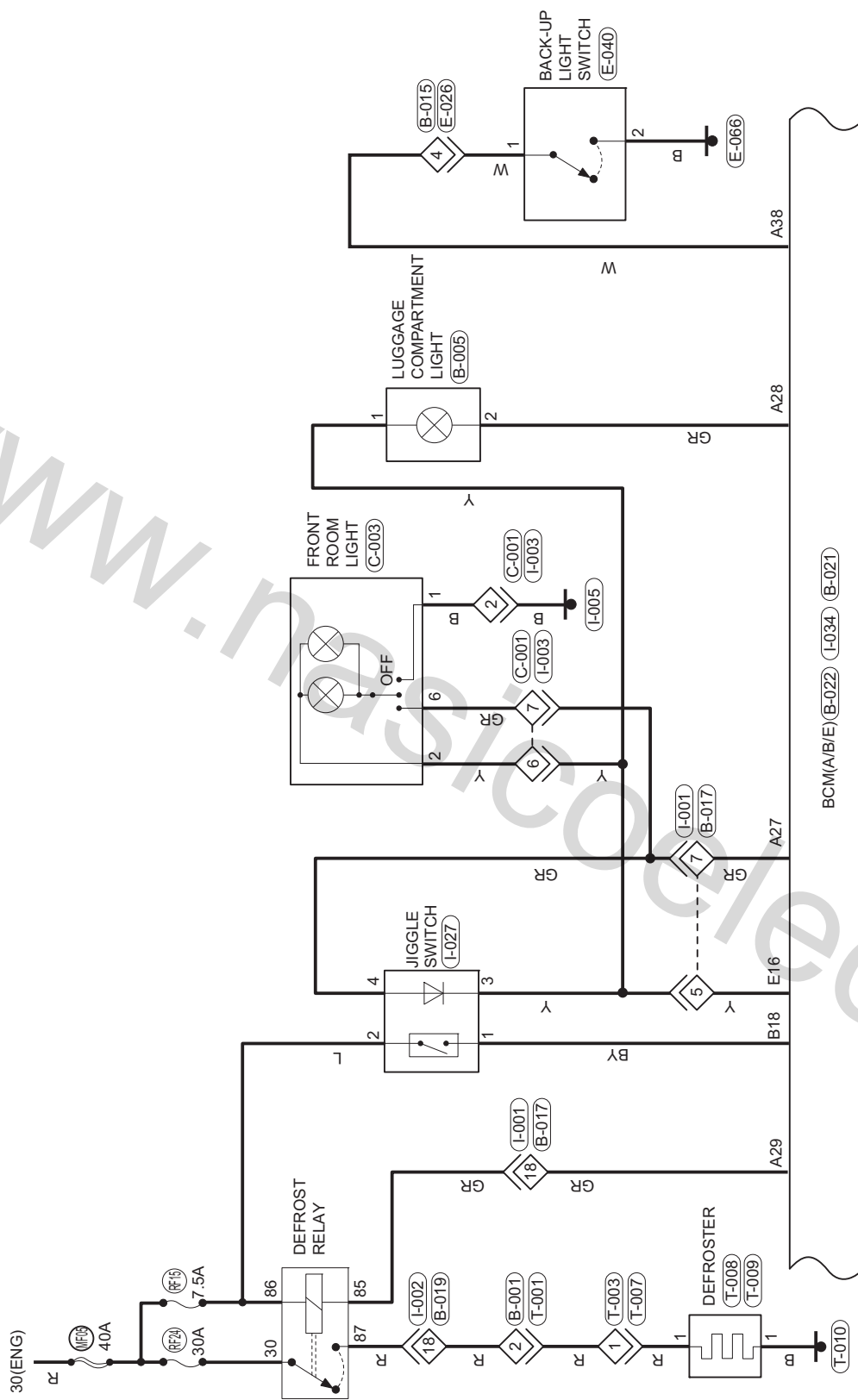
Body Control Module (BCM)

Circuit Diagram (Page 1 of 10)



EA13T130090

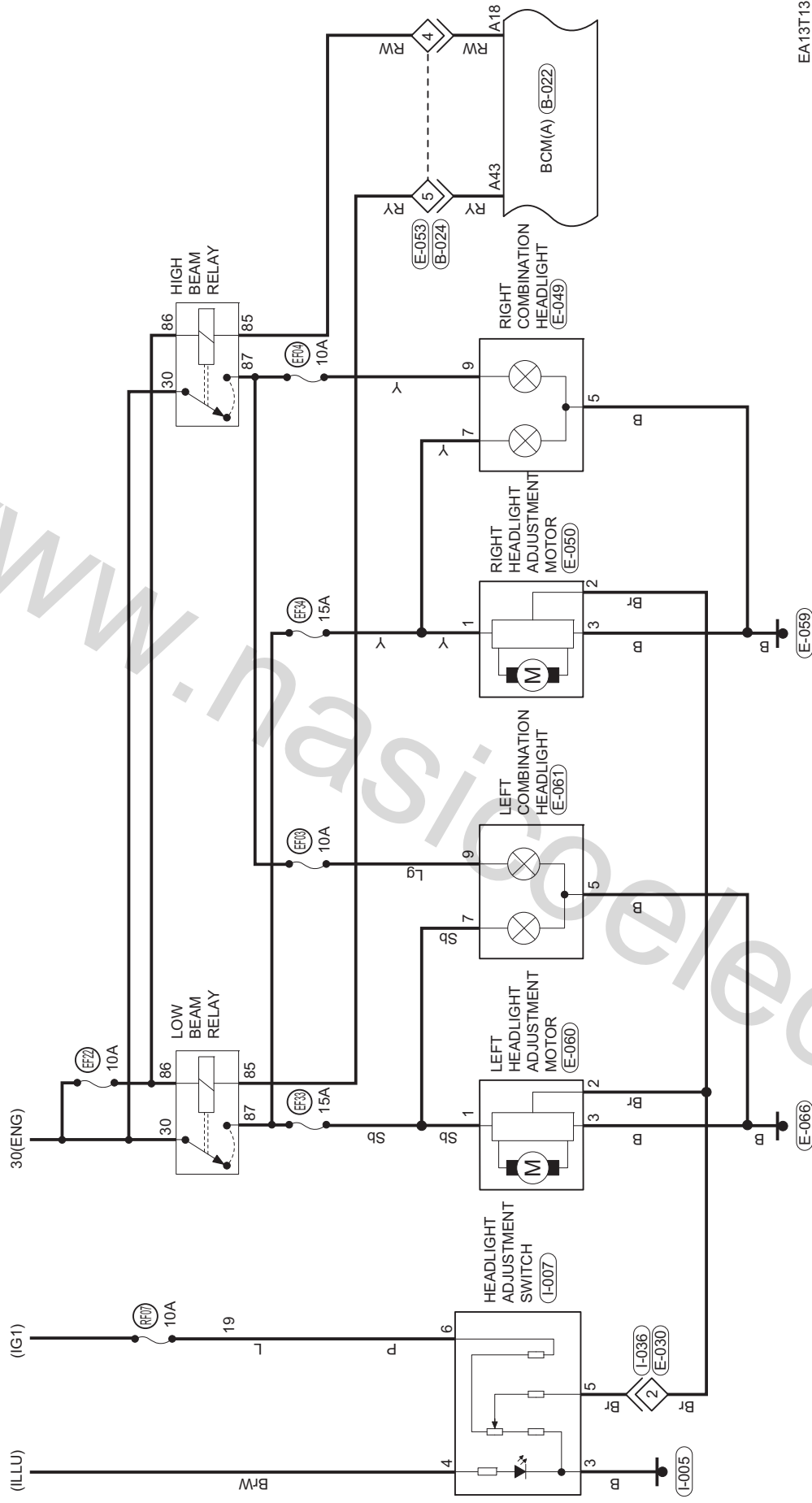
Circuit Diagram (Page 2 of 10)



EA13T130100

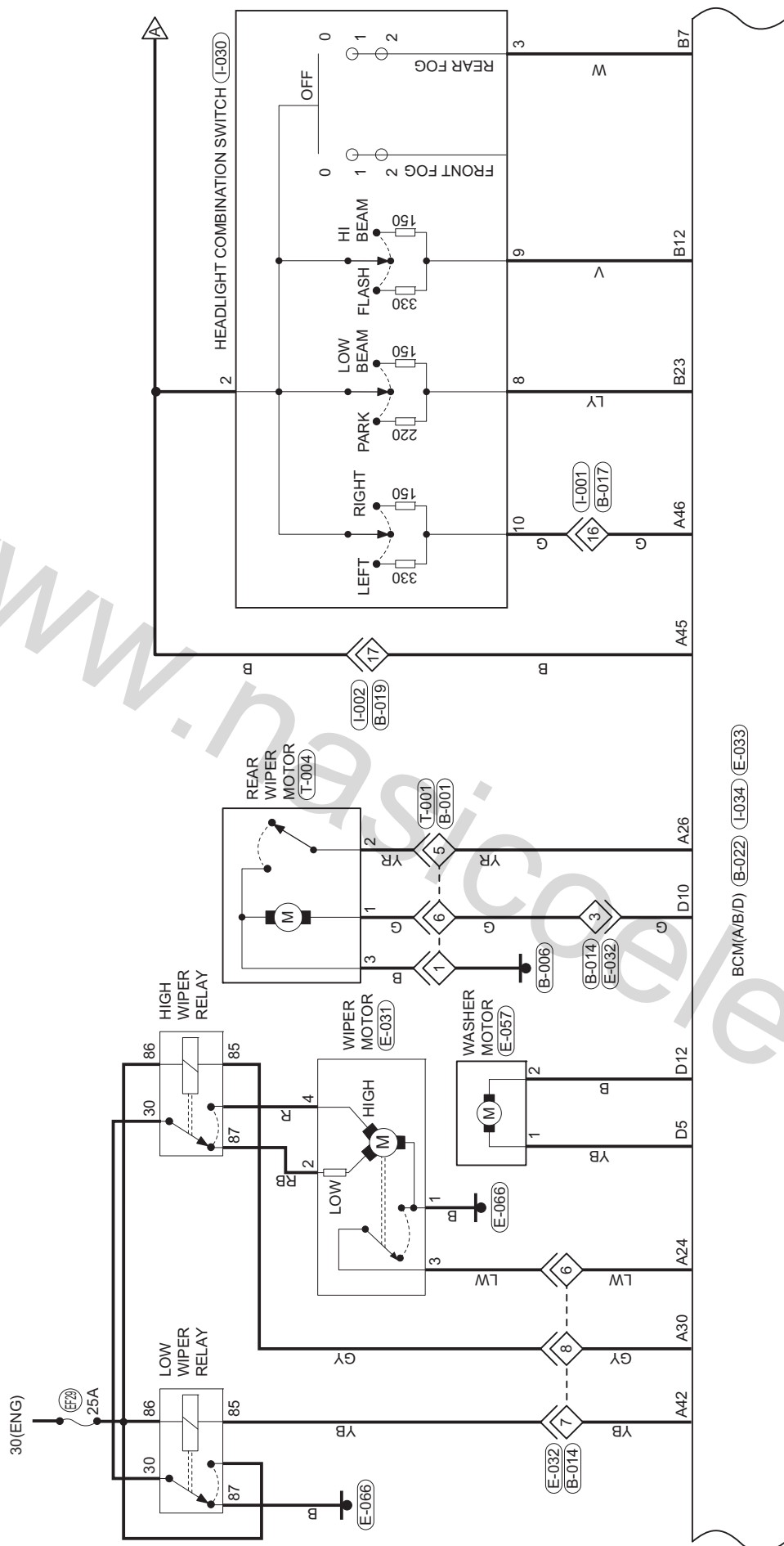
13 - OVERALL ELECTRICAL WIRING DIAGRAM

Circuit Diagram (Page 3 of 10)



EA13T130110

Circuit Diagram (Page 4 of 10)

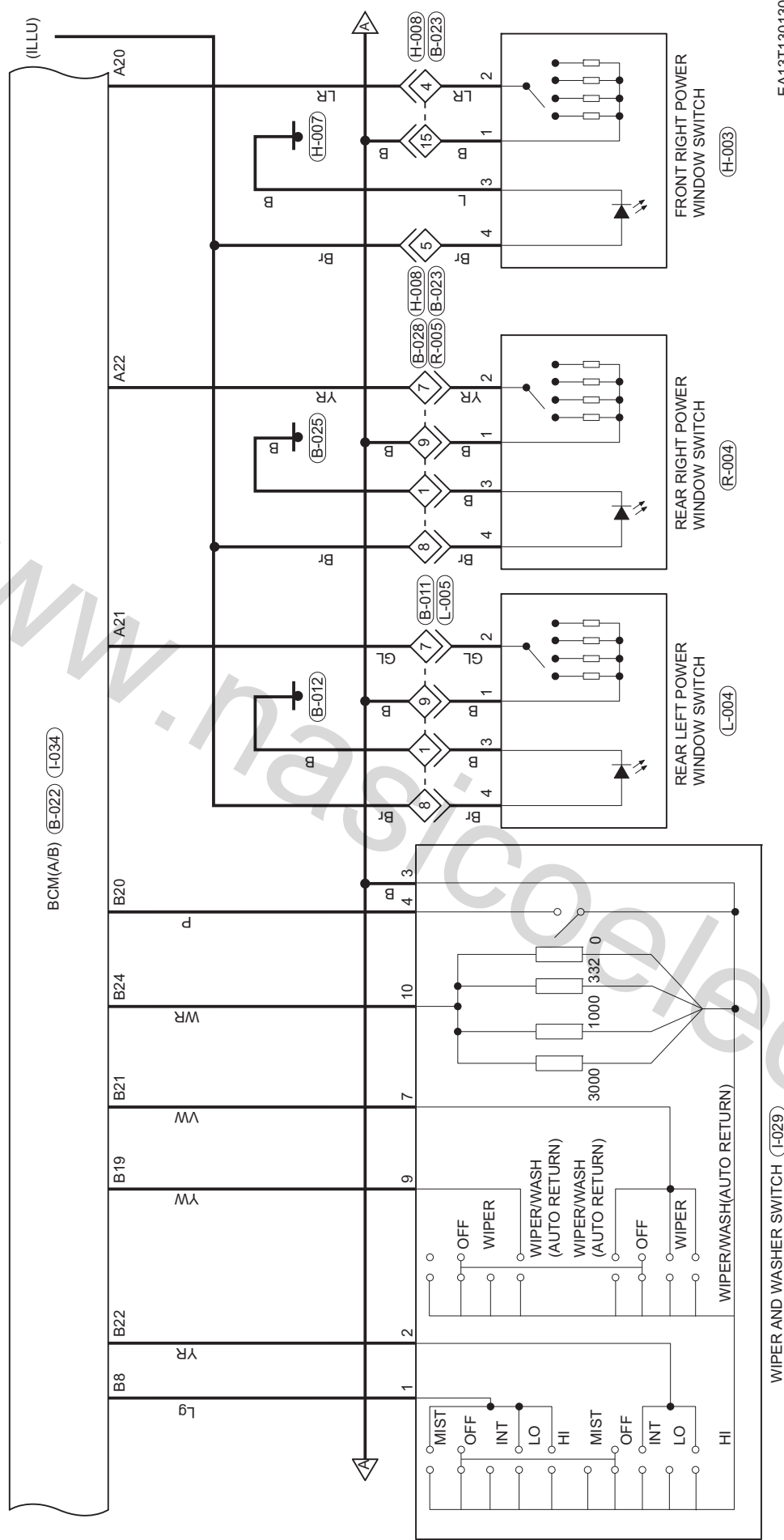


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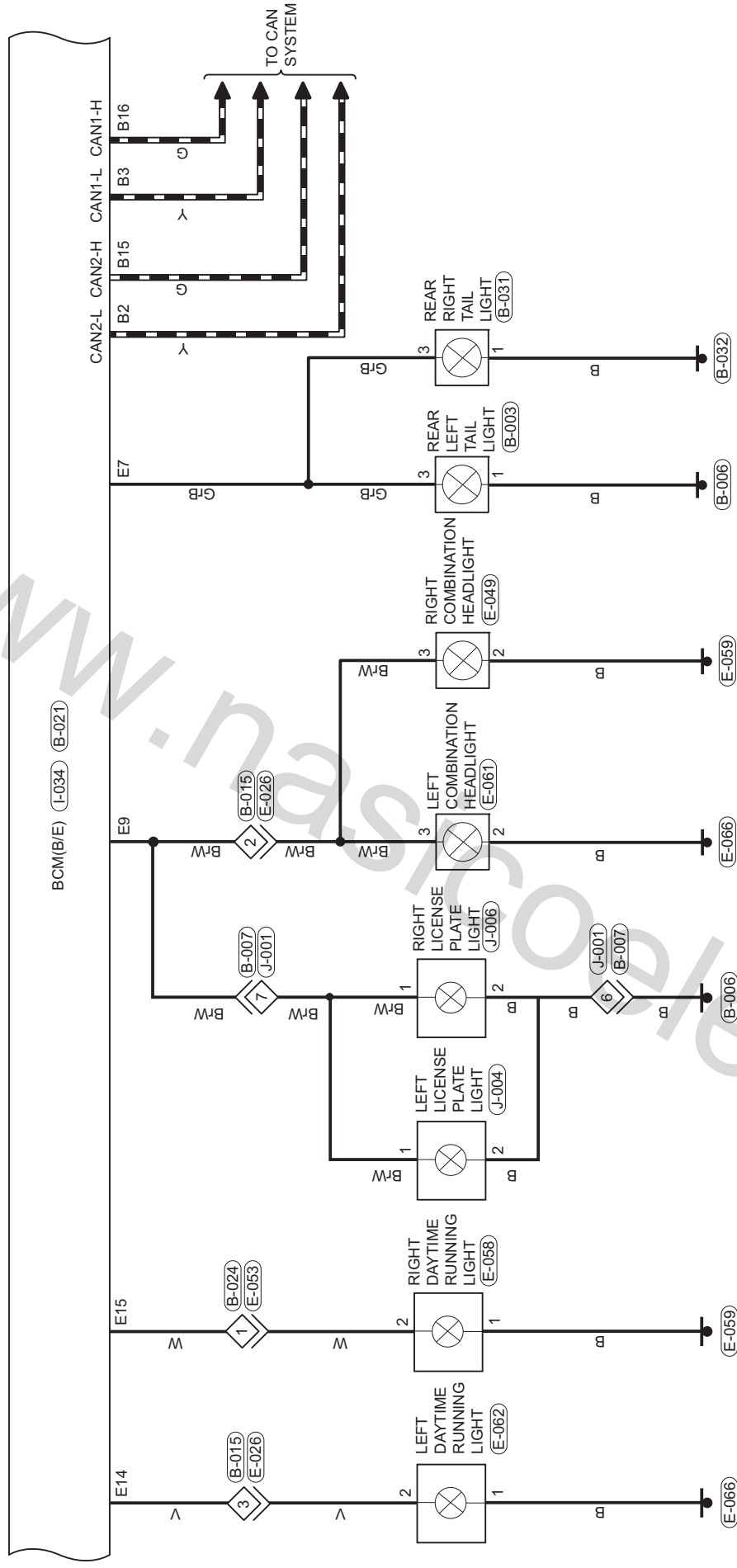
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Circuit Diagram (Page 5 of 10)



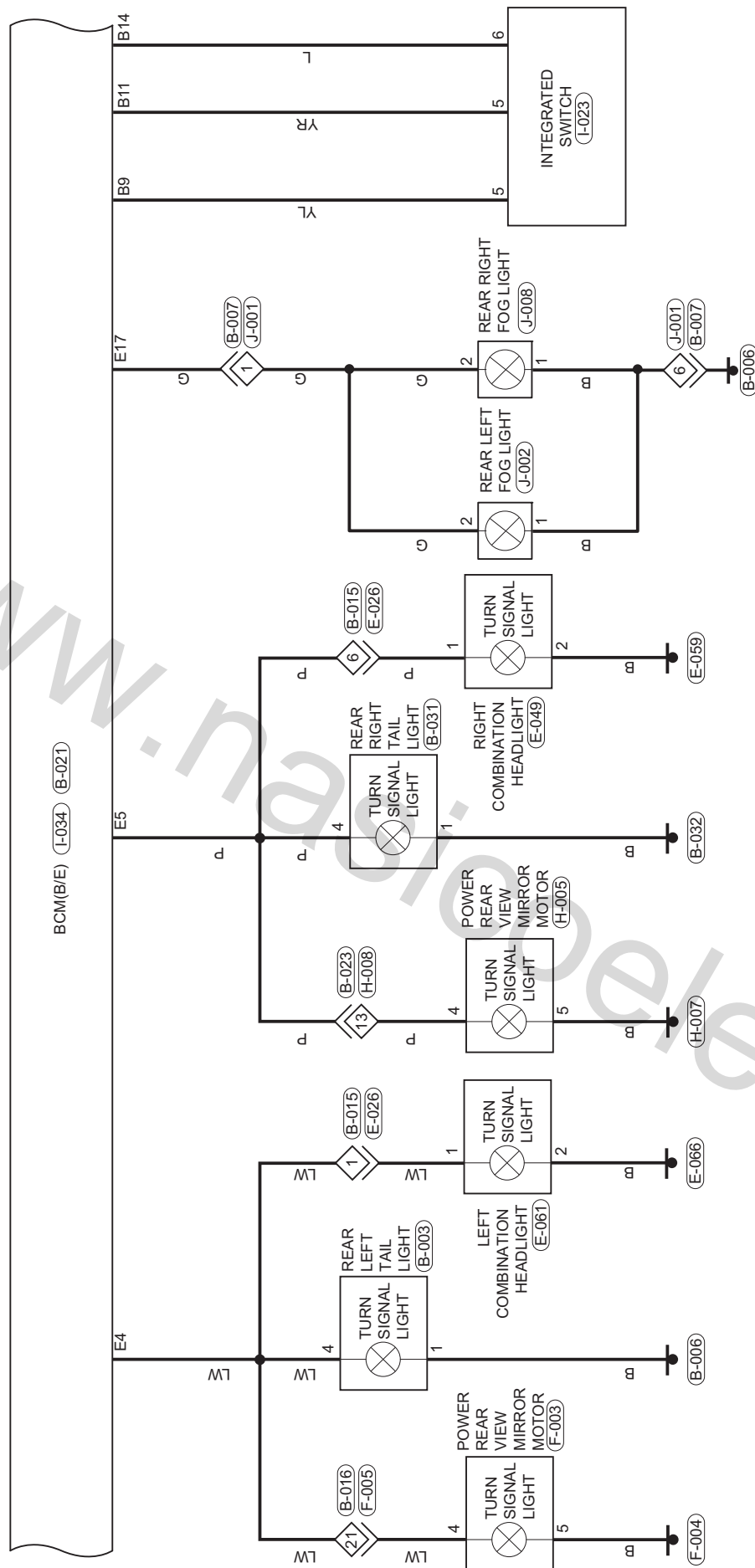
EA13T130130

Circuit Diagram (Page 7 of 10)



EA13T130150

Circuit Diagram (Page 8 of 10)

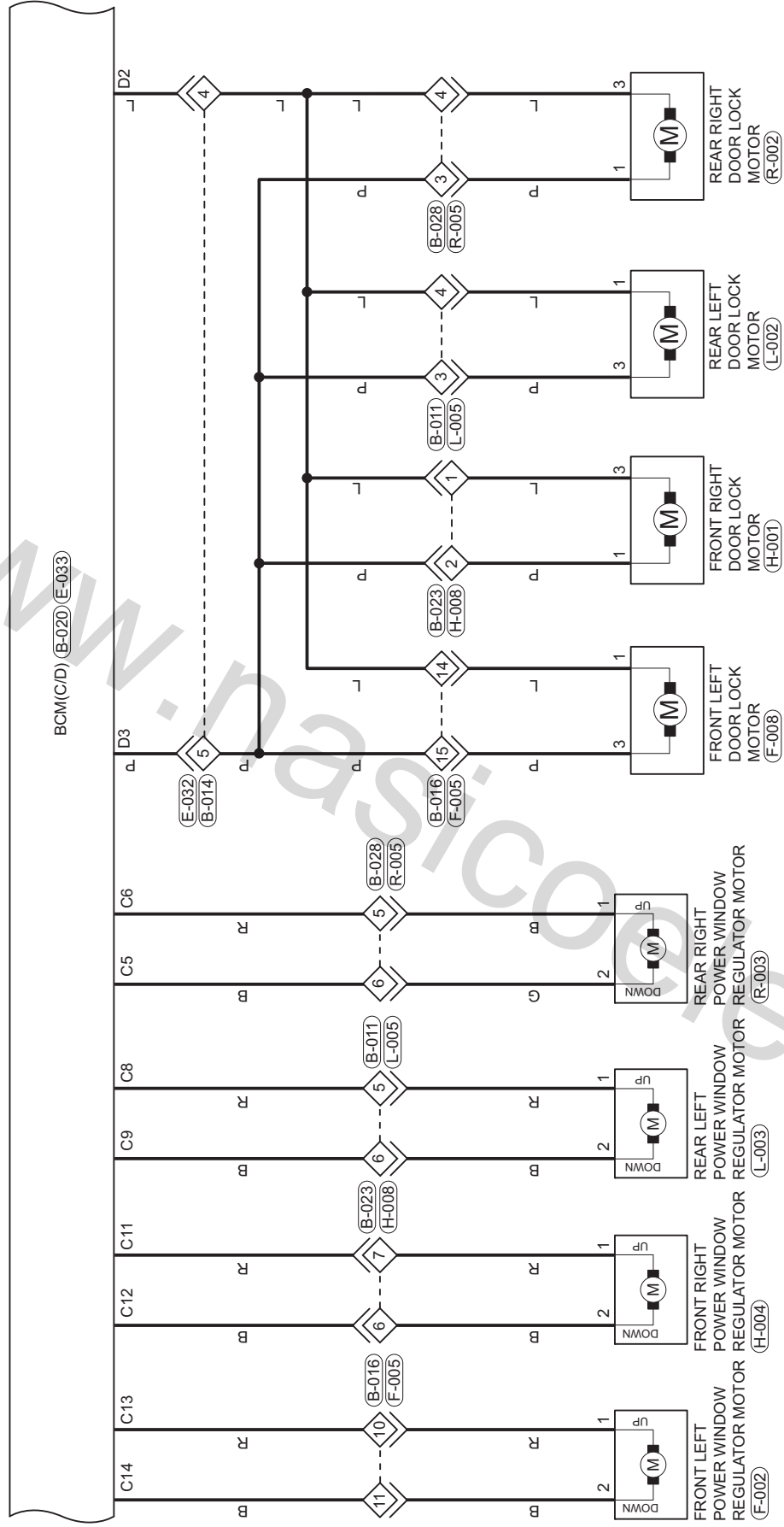


EA13T130160



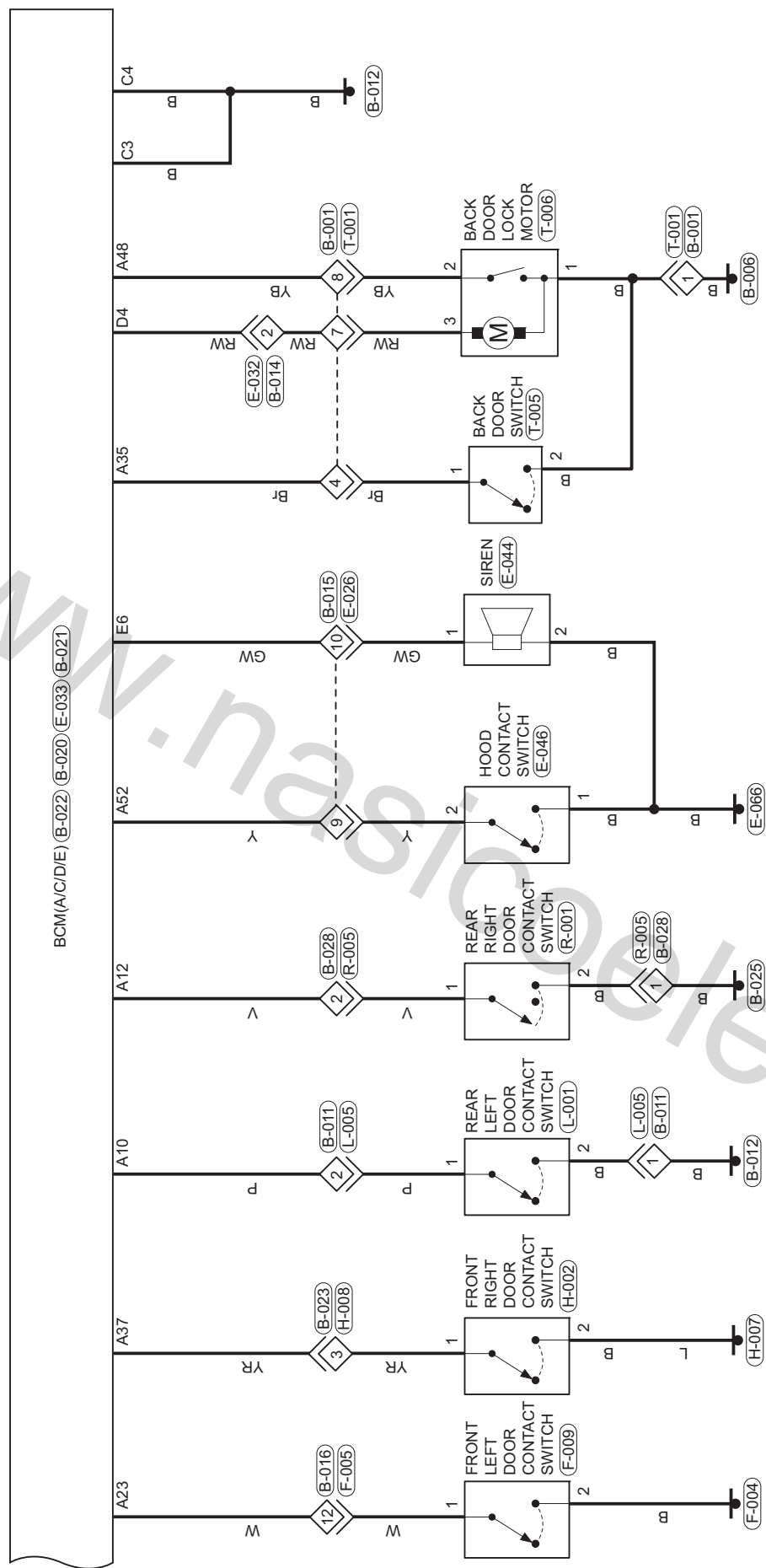
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Circuit Diagram (Page 9 of 10)



13-18

Circuit Diagram (Page 10 of 10)

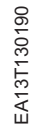


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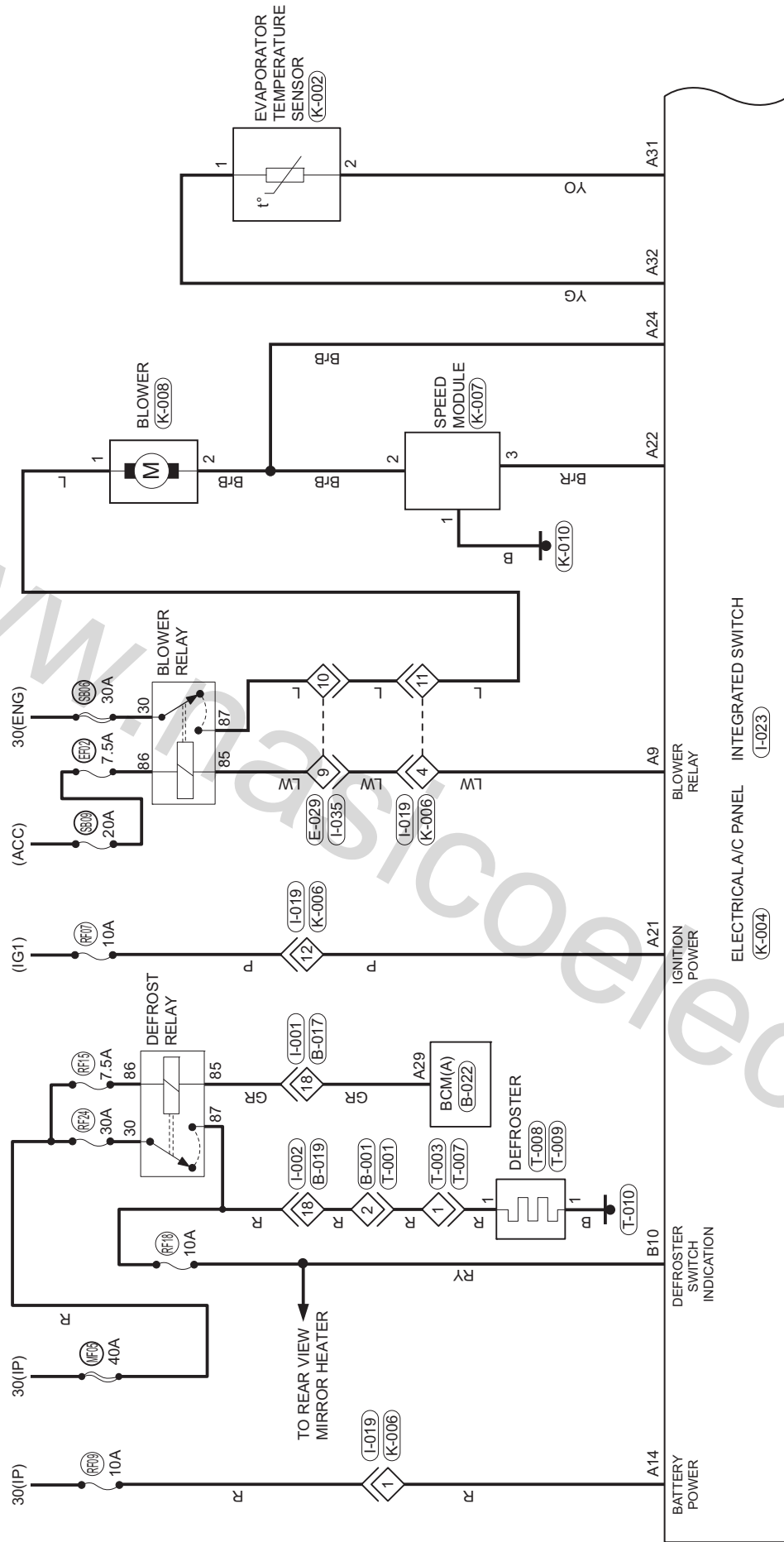


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Circuit Diagram (Page 1 of 1)



Electrical A/C System Circuit Diagram (Page 1 of 3)

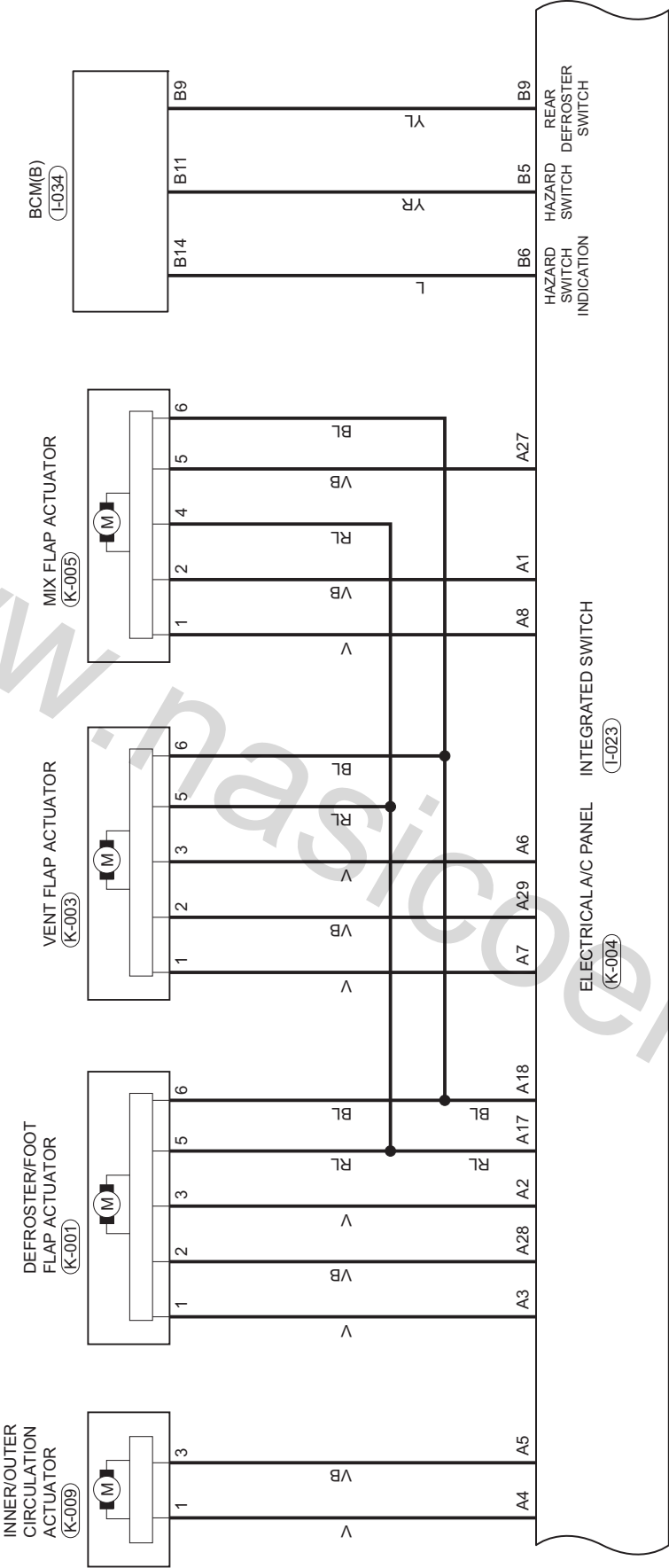


EA13T130200



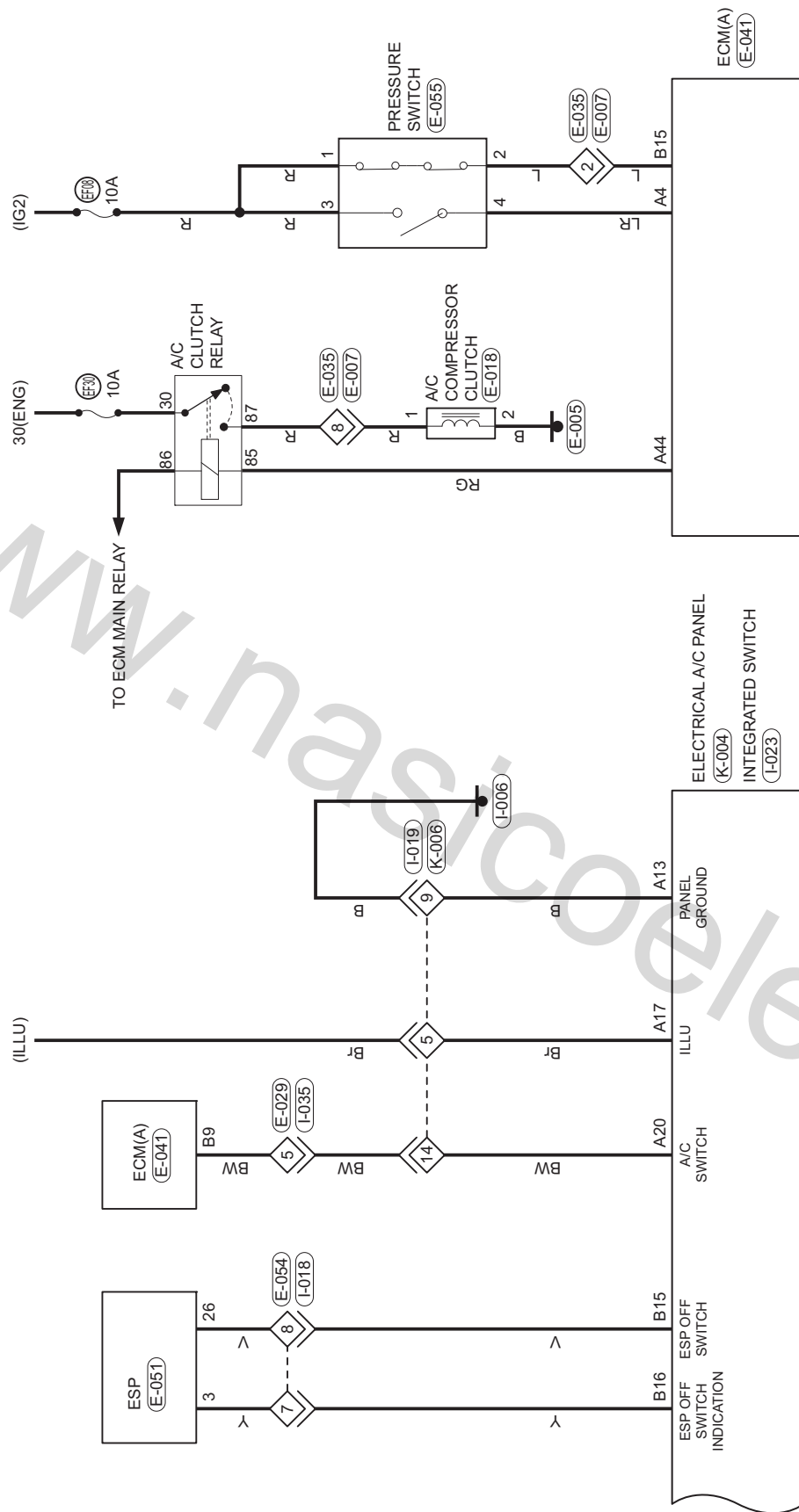
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Circuit Diagram (Page 2 of 3)



EA13T130210

Circuit Diagram (Page 3 of 3)



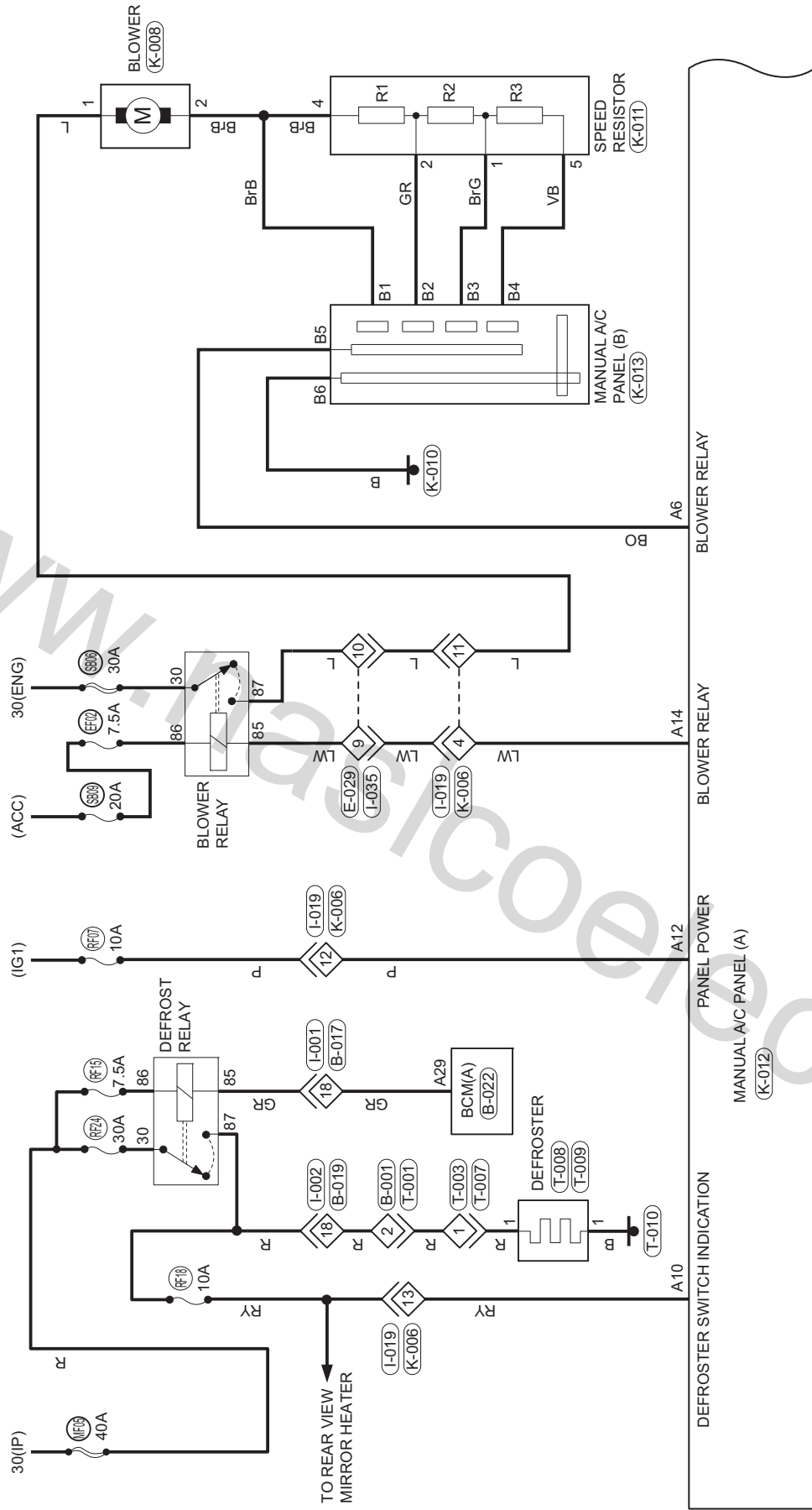
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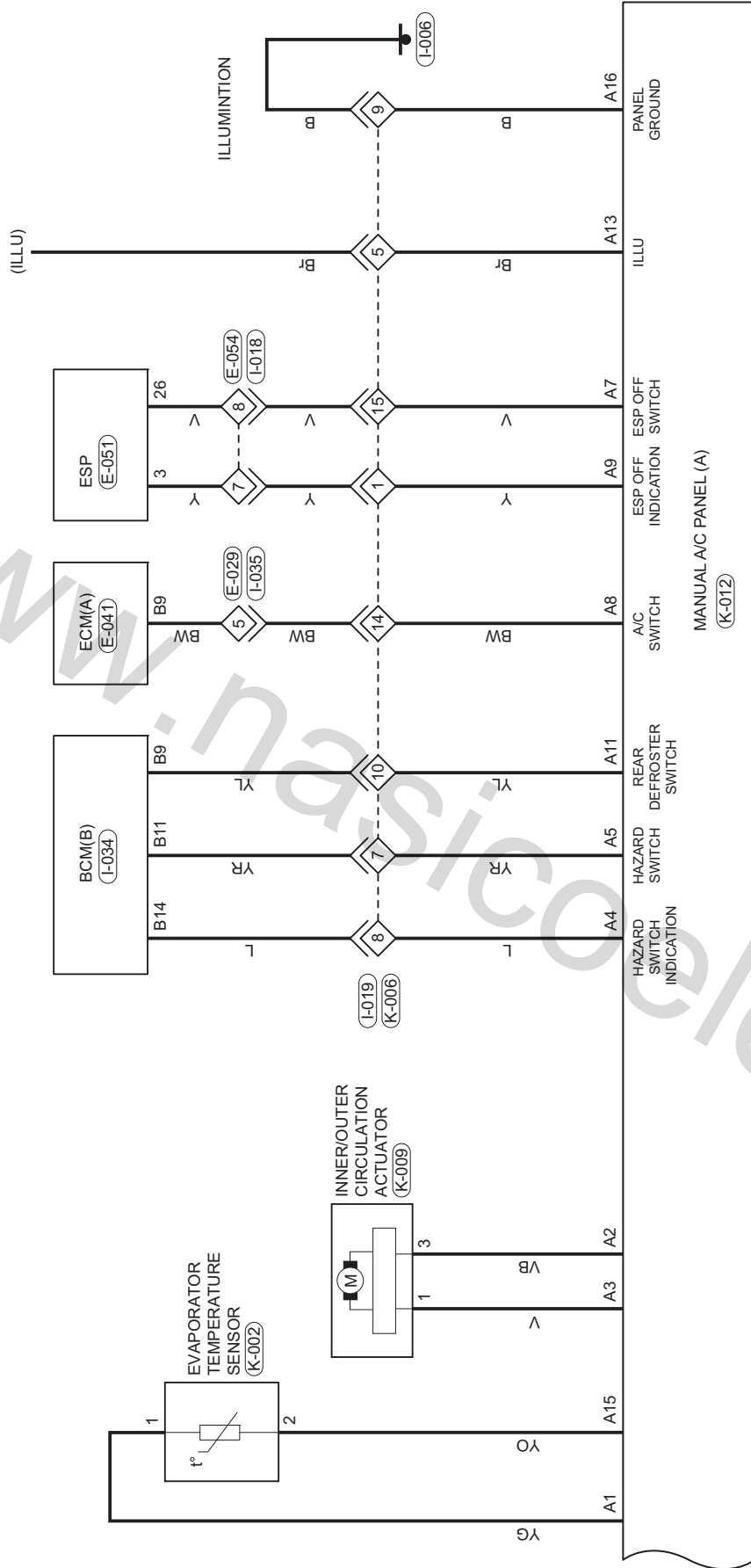
13 - OVERALL ELECTRICAL WIRING DIAGRAM

Manual A/C System Circuit Diagram (Page 1 of 2)



EA13T130230

Circuit Diagram (Page 2 of 2)



EA13T130240



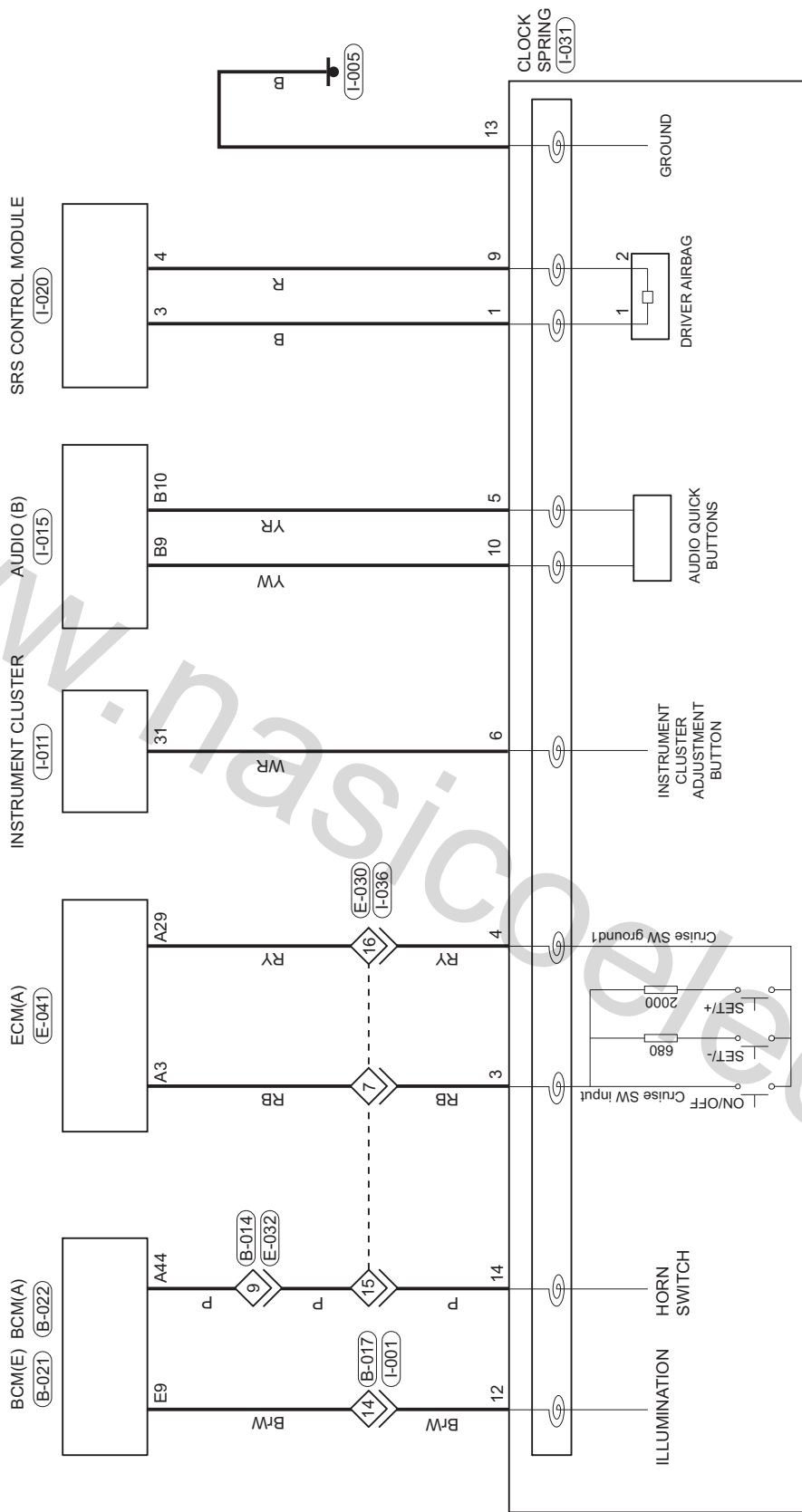
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13-25

Circuit Diagram (Page 1 of 1)



Clock Spring Circuit Diagram (Page 1 of 1)



EA13T130260

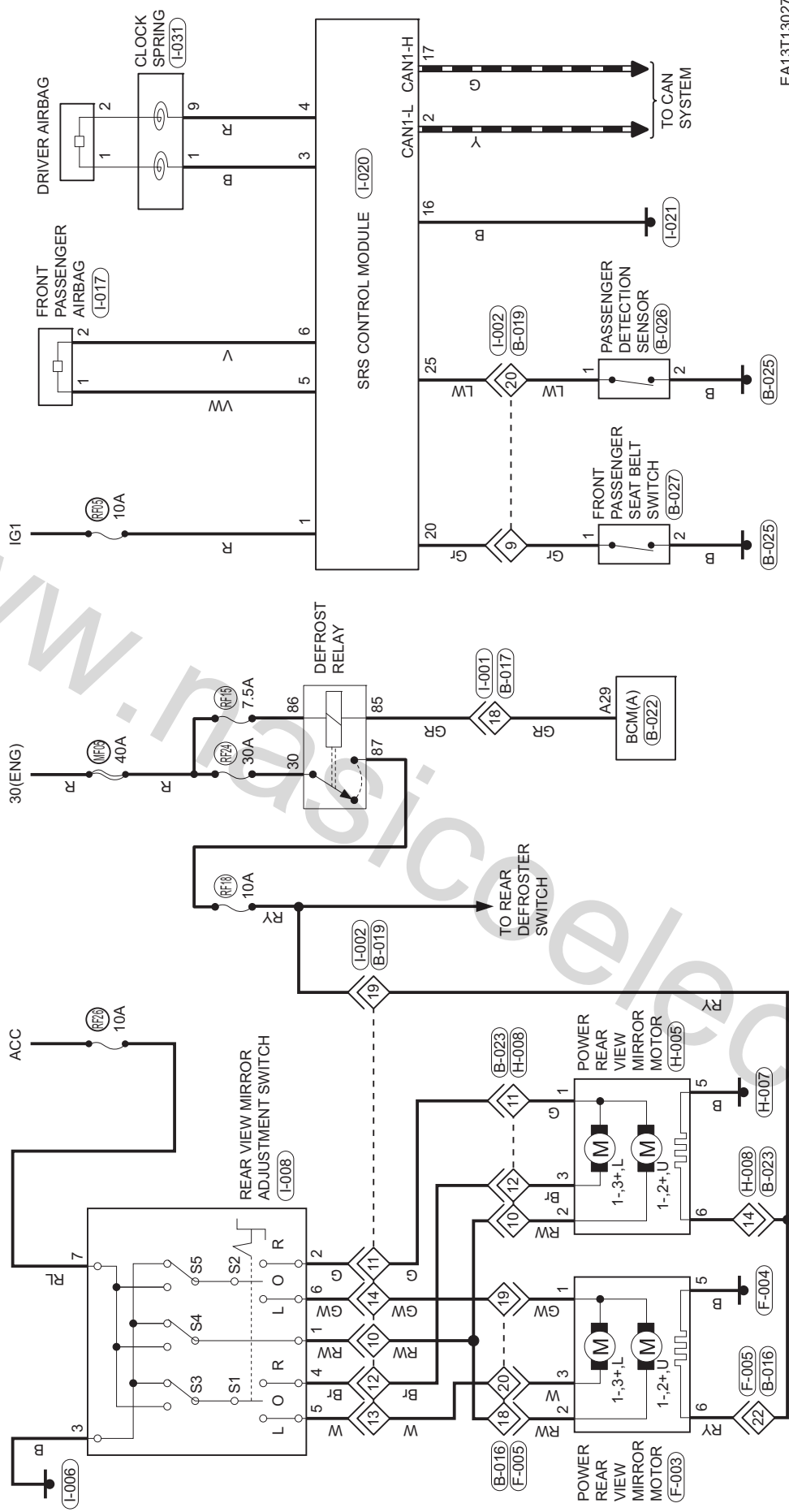


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13 - OVERALL ELECTRICAL WIRING DIAGRAM

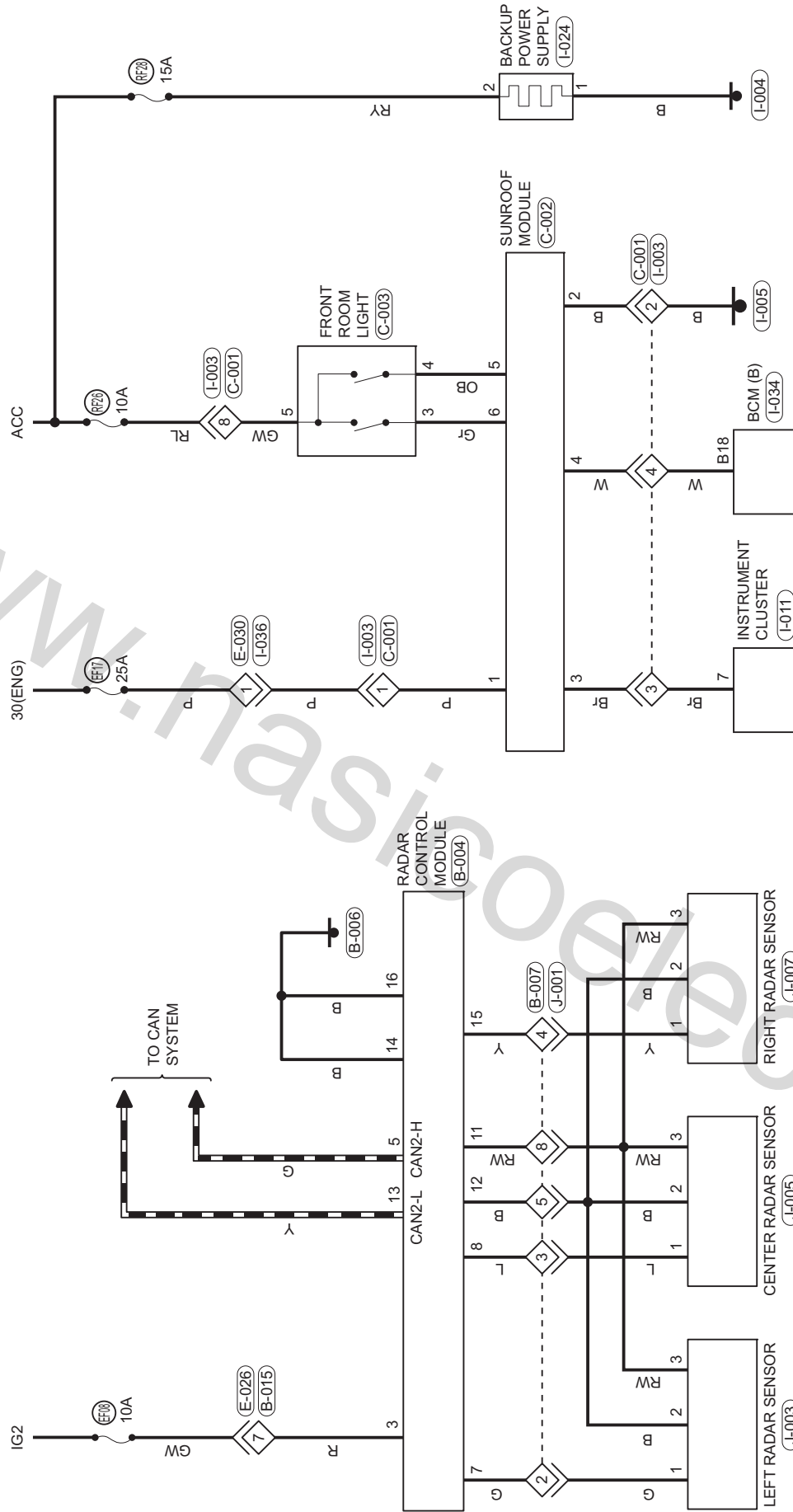
Supplemental Restraint System/Power Rear View Mirror

Circuit Diagram (Page 1 of 1)



EA13T130270

Reversing Radar System/Sunroof/Backup Power Supply Circuit Diagram (Page 1 of 1)



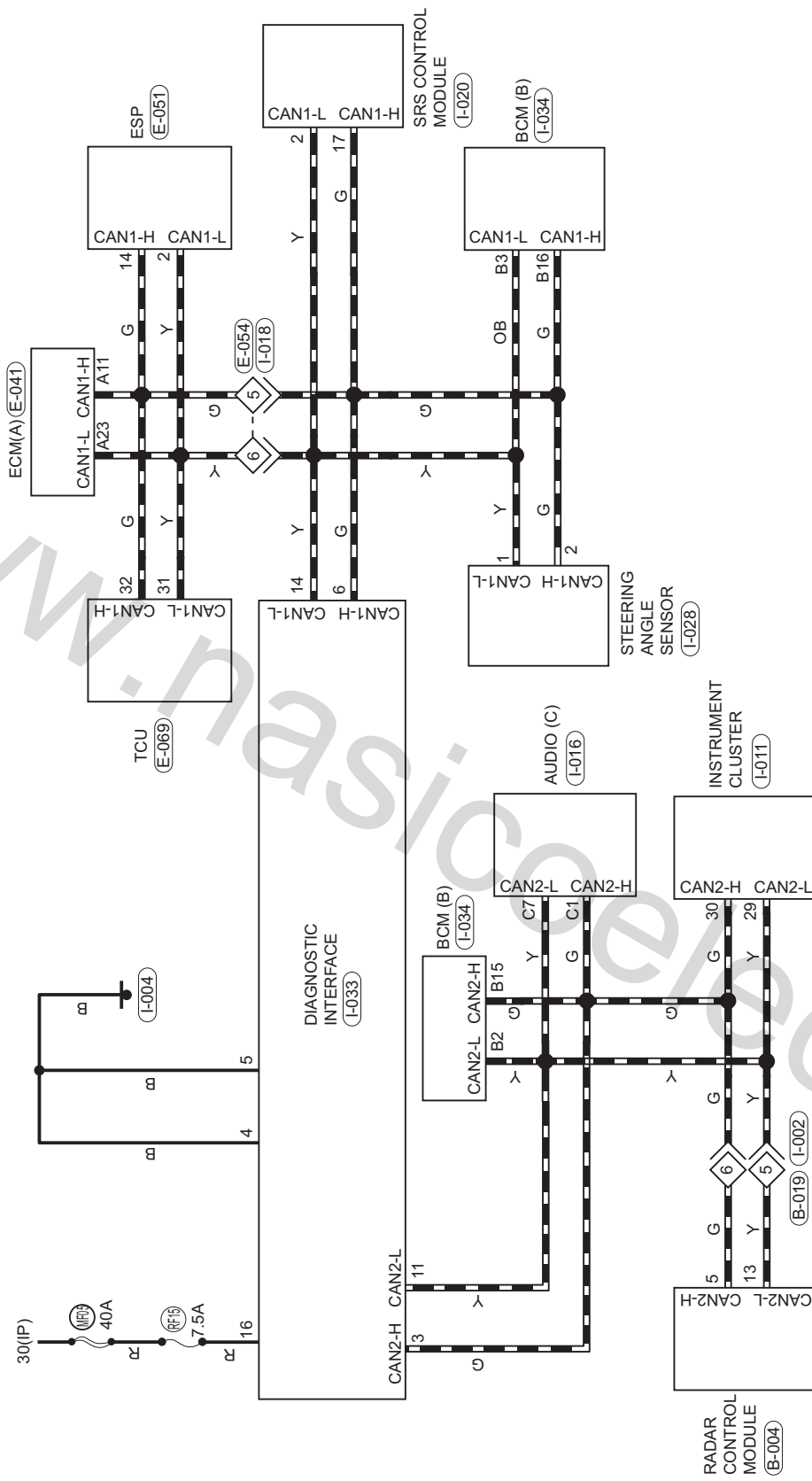
EA13T130280



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13 - OVERALL ELECTRICAL WIRING DIAGRAM

CAN System/Diagnostic Interface Circuit Diagram (Page 1 of 1)



EA13T130290