

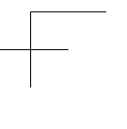
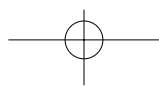
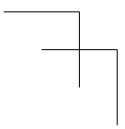
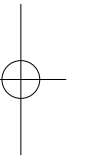
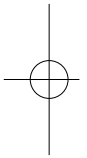
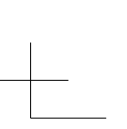
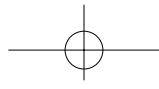
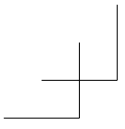
# WIRING DIAGRAM

8FG(D)U15-32, 8FGCU20-32

<b>CHAPTER 1 INTRODUCTION</b>	<b>E1</b>
<b>CHAPTER 2 ELECTRICAL WIRING ROUTING AND RELAY LOCATION</b>	<b>E2</b>
<b>CHAPTER 3 SYSTEM CIRCUITS</b>	<b>E3</b>
<b>CHAPTER 4 GROUND POINTS</b>	<b>E4</b>
<b>CHAPTER 5 FUSES FOR POWER SUPPLY</b>	<b>E5</b>
<b>CHAPTER 6 CONNECTOR LIST</b>	<b>E6</b>

8FGCU15, 18, SU20

<b>CHAPTER 7 ELECTRICAL WIRING ROUTING AND RELAY LOCATION</b>	<b>E7</b>
<b>CHAPTER 8 SYSTEM CIRCUITS</b>	<b>E8</b>
<b>CHAPTER 9 GROUND POINTS</b>	<b>E9</b>
<b>CHAPTER 10 FUSES FOR POWER SUPPLY</b>	<b>E10</b>
<b>CHAPTER 11 CONNECTOR LIST</b>	<b>E11</b>



# CHAPTER 1 INTRODUCTION

**E1**

CHAPTERS OF THIS SECTION ..... E1-2

HOW TO READ CHAPTERS

Chapter 2 ELECTRICAL WIRING ROUTINGS and RELAY LOCATIONS

  ELECTRICAL WIRING ROUTINGS ..... E1-3

  RELAY LOCATIONS

  JUNCTION BLOCK (J/B) / RELAY BLOCK (R/B) ..... E1-4

Chapter 3 SYSTEM CIRCUITS

  POWER SUPPLY CIRCUIT ..... E1-6

  REFERENCE PAGE ..... E1-10

Chapter 4 GROUND POINTS

  GROUND POINTS ..... E1-11

Chapter 5 FUSES FOR POWER SUPPLY

  FUSES FOR POWER SUPPLY ..... E1-11

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  WIRE TO WIRE ..... E1-13

ABBREVIATIONS ..... E1-14

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**E**

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**CHAPTERS OF THIS SECTION**

This section consists of the following 6 chapters:

- |  |   |
|--|---|
| Chapter 1 INTRODUCTION                                   | Gives brief explanation of each chapter, provides instructions on how to use this manual, and defines the abbreviations used in the electrical circuit diagrams.  |
| Chapter 2 ELECTRICAL WIRING ROUTINGS and RELAY LOCATIONS | Electrical wiring routings show installation positions, ground points, connector numbers, and part names related to wire harnesses, connectors, relay blocks and junction blocks used in the forklift, such as in the engine room, instrument panel and mast area.<br>Relay locations show design drawings and internal circuit diagrams related to relays, relay blocks (R/B), junction blocks (J/B), fusible links (F/L) and junction connectors (J/C). |
| Chapter 3 SYSTEM CIRCUITS                                | Show power supply circuit diagrams and wiring diagrams for each system, such as the engine.<br>(Only wiring information for complete circuits is shown.)  |
| Chapter 4 GROUND POINTS                                  | Show related systems for each ground point.   |
| Chapter 5 FUSES FOR POWER SUPPLY                         | Show power distribution from each power supply (fuse or fusible link) to various systems.   |
| Chapter 6 CONNECTOR LIST                                 | Shows shapes and part numbers of connectors used in electrical wiring routings and electrical wiring diagrams.  |

## INTRODUCTION

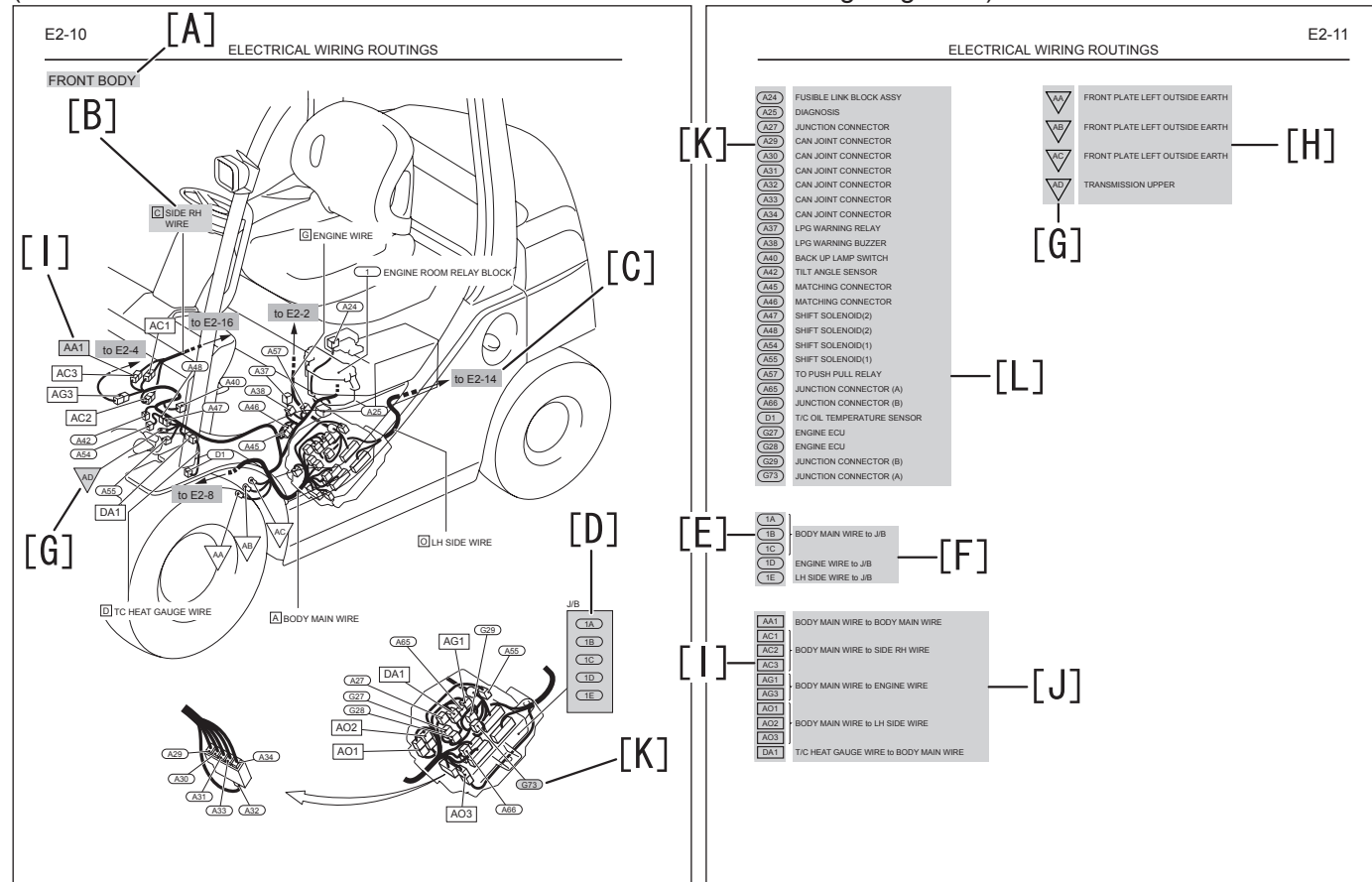
## HOW TO READ CHAPTERS

## Chapter 2 ELECTRICAL WIRING ROUTINGS and RELAY LOCATIONS

## ELECTRICAL WIRING ROUTINGS

Electrical wiring routings show installation positions, ground points, connector numbers, and part names related to wire harnesses, connectors, relay blocks and junction blocks used in the forklift.

(Connector codes are the same as those used in the electrical wiring diagrams.)

**[A] Title**

Indicates a location on the forklift.

**[B] Wire harness**

Indicates a wire harness name.

**[C] Reference page for electrical wiring routing**

Indicates a reference page showing a wire harness location when the wire harness continues to the different electrical wiring routing.

**[D] Junction block**

Indicates a junction block name and a connector code to be connected.

**[E] Junction block connector**

Indicates a connector code connected to a junction block.

**[F] Wire harness and junction block connection**

Indicates a junction block name and a wire harness name to be connected.

**[G] Ground point code**

Indicates a ground point code.

**[H] Ground point name**

Indicates a ground point name.

**[I] Harness to harness connector**

Indicates a connector code that joins two wire harnesses.

**[J] Wire harness names**

Indicate two wire harness names for a wire harness and wire harness connection.

**[K] Part connector**

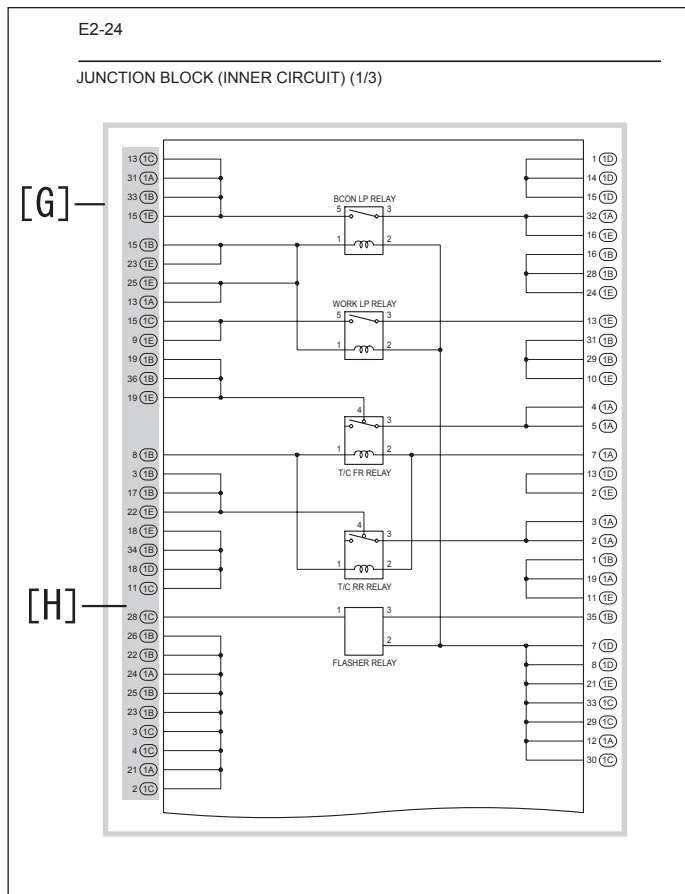
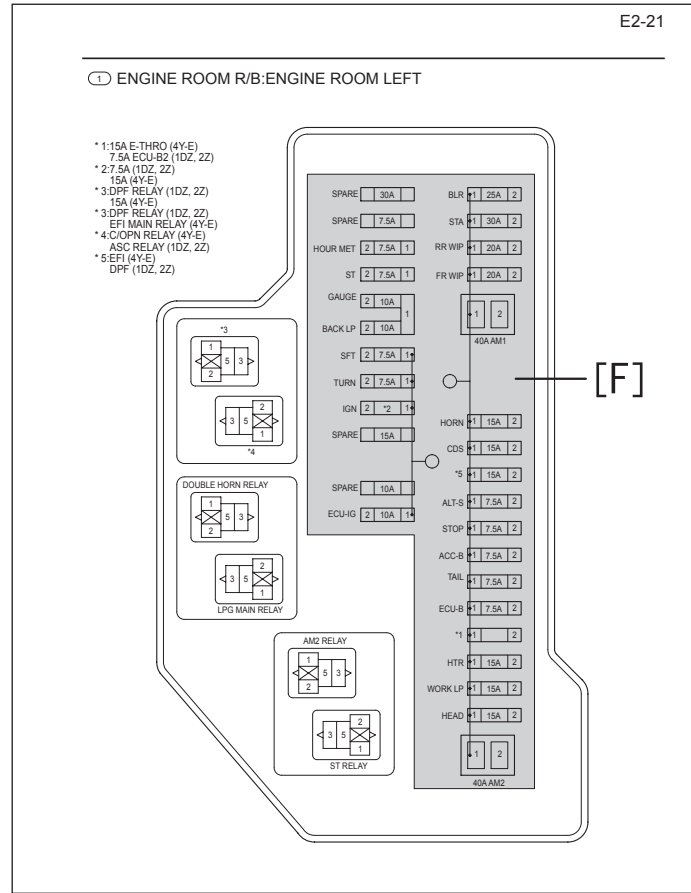
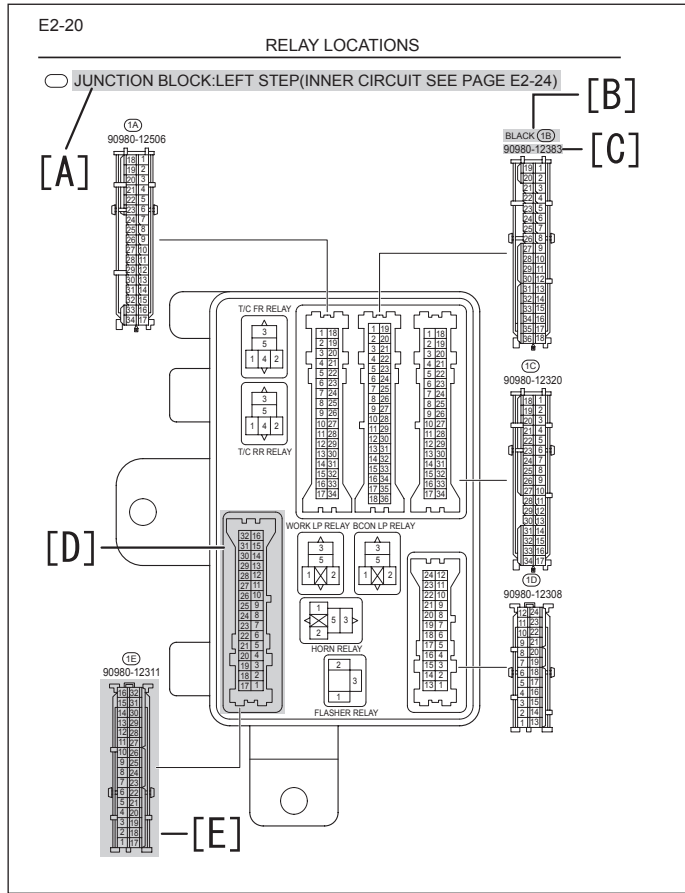
Indicates a connector code connected to a part.

**[L] Part name**

Indicates a part name connected to a connector.

RELAY LOCATIONS

Relay locations show connectors connected to junction blocks, relays, fuses and internal circuit diagrams.



INTRODUCTION

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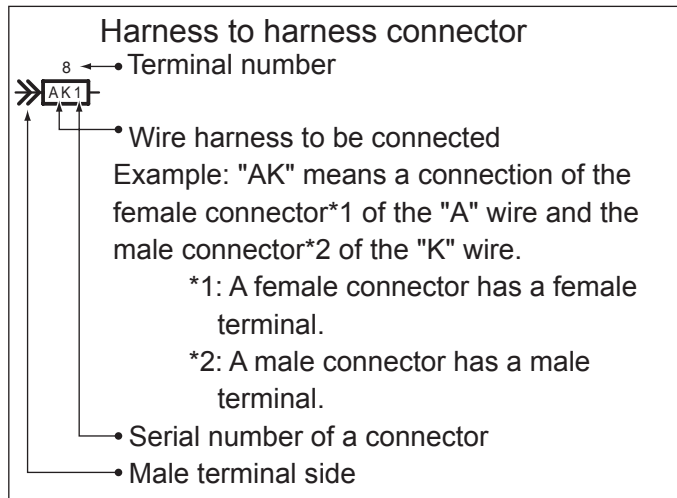
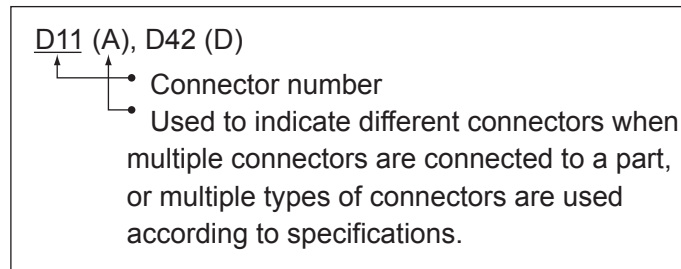
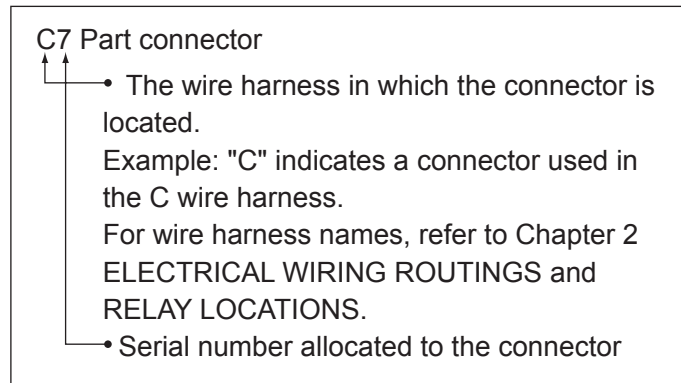
- [A] Junction block /relay block  
Indicates a junction block or relay block name, its location and a reference page for an internal circuit diagram.
- [B] Connector code and color  
Indicates the code and color of a connector connected to a junction block.
- [C] Connector part number  
Indicates the part number of a connector.
- [D] Connector shape and terminal number  
Indicates a connector shape on the junction block side.  
Numbers indicate terminal numbers.
- [E] Connector shape and terminal number  
Indicates a connector shape on the wire harness side.  
Numbers indicate terminal numbers.
- [F] Fuse  
Indicates a fuse name and capacity.  
Terminal 1 is on the primary side and terminal 2 is on the secondary side.
- [G] Internal circuit diagram  
Indicates an internal circuit diagram of a junction block.
- [H] Connector code and terminal number  
Indicates a connector code and a terminal number connected to a junction block.





## INTRODUCTION

- [A] Section page  
Indicates the page number for the section.
- [B] System title  
Indicates a system name.
- [C] Part name and connector code  
Indicates a part name and connector code to be connected. For connector shapes, refer to chapter 6 CONNECTOR LIST.
- [G] Page-to-page connection code  
Indicates a wire harness continues onto the following page from the matching code.
- [H] Harness to harness connector  
Indicates a connector code that connects two wire harnesses.  
For the connector shape, refer to chapter 6 CONNECTOR LIST.



- [D] Fuse  
Indicates a fuse name and capacity.  
Terminal 1 is on the primary side and terminal 2 is on the secondary side.  
For fuse installation positions, refer to chapter 2 ELECTRICAL WIRING ROUTINGS and RELAY LOCATIONS.
- [E] Power supply information  
Indicates the ignition key position when power is supplied to a fuse.
- [F] Specification information  
Indicates that connectors or wire colors vary depending on forklift models, engine types or specifications.



INTRODUCTION

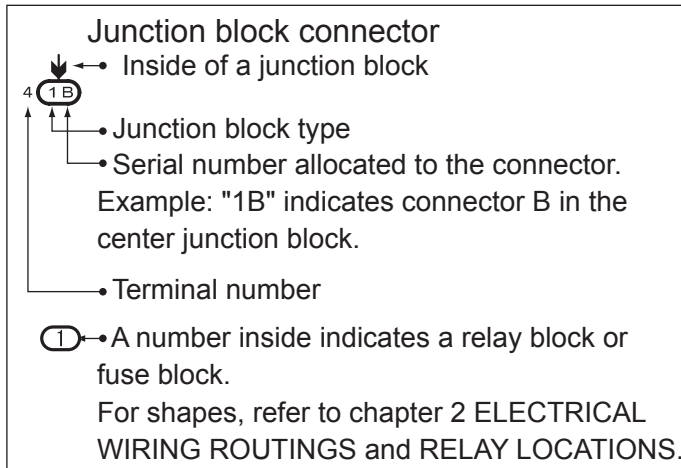
[I] Terminal number

Indicates a terminal number of a connector to be connected.

[J] Junction block connector

Indicates a connector code connected to a junction block.

For a connector shape, refer to chapter 2 ELECTRICAL WIRING ROUTINGS and RELAY LOCATIONS.



[L] Wire color

Indicates a wire harness color.

When two alphabetical codes are indicated, for example "W-B", the first letter indicates the basic wire color and the second letter indicates the color of the stripe.

Code	Wire Color	Code	Wire Color	Code	Wire Color
B	Black	L	Blue	SB	Sky Blue
BR	Brown	LG	Light Green	V	Violet
DG	Dark Gray	O	Orange	W	White
G	Green	P	Pink	Y	Yellow
GR	Gray	R	Red	AM	Amber

Example : W-B



W - B  
(White) (Black)

[M] Switch

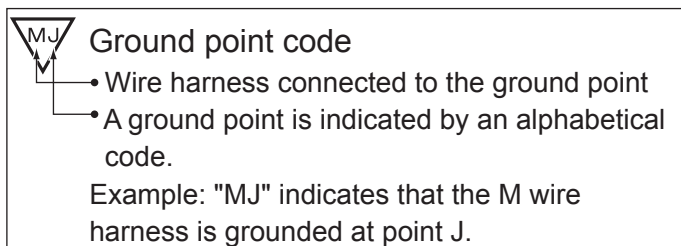
Circuit diagrams are shown with the switches in the OFF position.

For switch operation conditions, refer to the repair manual.

[K] Ground point code

Indicates a ground point code.

For ground point positions, refer to chapter 2 ELECTRICAL WIRING ROUTINGS and RELAY LOCATIONS.



## REFERENCE PAGE

**[A] PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 20	E2-8	G 7	E2-2	G 21	E2-2	K 6	E2-2
A 25	E2-10	G 8	E2-2	G 25	E2-2	O 2	E2-14
A 27	E2-10	G 9	E2-2	G 26	E2-2	Q 1	E2-8
A 35	E2-10	G 10	E2-2	G 27	E2-10	S 12	E2-14
A 36	E2-10	G 11	E2-2	G 28	E2-10	T 6	E2-16
A 65	E2-10	G 12	E2-2	G 29	E2-10	a 1	E2-8
A 66	E2-10	G 13	E2-2	G 73	E2-10		
C 1	E2-16	G 16	E2-2	K 1	E2-2		
C 3	E2-16	G 18	E2-2	K 2	E2-2		
G 6	E2-2	G 19	E2-2	K 3	E2-2		

**[B] RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Blocks Name or Joining Wire Harness and J/B
1	E2-10	Engine Room R/B
1C	E2-19	BODY MAIN WIRE to J/B
1D	E2-18	ENGINE WIRE to J/B
1E	E2-18	LH SIDE WIRE to J/B

**[C] WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
AC2	E2-10	BODY MAIN WIRE to SIDE RH WIRE
AC3	E2-10	BODY MAIN WIRE to SIDE RH WIRE
AG1	E2-10	BODY MAIN WIRE to ENGINE WIRE
AO1	E2-10	BODY MAIN WIRE to LH SIDE WIRE
Aa1	E2-8	BODY MAIN WIRE to SUB ACCEL WIRE
GK1	E2-2	ENGINE WIRE to ENGINE SUB WIRE
GK2	E2-2	ENGINE WIRE to ENGINE SUB WIRE
QA1	E2-8	INSTRUMENT PANEL WIRE to BODY MAIN WIRE
SO1	E2-14	REAR UPPER MAIN WIRE to LH SIDE WIRE
TC2	E2-16	REAR UPPER SUB RH WIRE to SIDE RH WIRE
TS1	E2-16	REAR UPPER SUB RH WIRE to REAR UPPER MAIN WIRE

**[D] EARTH**

Code	See Page	Name
AB	E2-10	FRONT PLATE LEFT OUTSIDE EARTH
GF	E2-2	ENGINE UPPER EARTH
GG	E2-2	ENGINE UPPER EARTH
OK	E2-14	REAR PILLER LEFT UNDER EARTH

**[A] Parts**

Indicates pages showing electrical wiring routings for the parts.

**[B] Relay blocks and junction blocks**

Indicates titles and pages showing electrical wiring routings for the relay blocks or junction blocks.

**[C] Connections of wire harness and wire harness**

Indicates titles and pages showing electrical wiring routings for the connections of two wire harnesses.

**[D] Ground points**

Indicates titles and pages showing electrical wiring routings for the ground points.

INTRODUCTION

Chapter 4 GROUND POINTS  
GROUND POINTS

These tables describe related systems for each ground point.

E4-2

GROUND POINTS

CODE	GROUND POINT LOCATION	SYSTEM NAME	PAGE
AA	FRONT PLATE LEFT OUTSIDE	SAS/OPS SYSTEM	E3-36
		CLEARANCE LAMP	E3-72
		STOP LAMP	E3-76
		STROBE LIGHT	E3-52
		TURN SIGNAL LAMP	E3-70
		BACK UP LAMP BUZZER	E3-74
		HEAD LAMP	E3-68
		POWER SHIFT TRANSMISSIN	E3-32
		SAS/OPS SYSTEM	E3-36
		ENGINE CONTROL (4Y-E)	E3-10
AB	FRONT PLATE LEFT OUTSIDE	COOLER	E3-80
		CLEARANCE LAMP	E3-72
		COMBINATION METER	E3-54
		BACK UP LAMP BUZZER	E3-74
		WET BRAKE	E3-34
		DIAG	E3-42
AC	FRONT PLATE LEFT OUTSIDE	COOLER	E3-80
		STARTING	E3-6
		STROBE LIGHT	E3-52
		TURN SIGNAL LAMP	E3-70
		HEATER	E3-78
		FRONT WIPER AND WASHER	E3-60
		HEAD LAMP	E3-68
		HORN	E3-64
		REAR WIPER AND WASHER	E3-62
		REAR WIPER AND WASHER	E3-28

Chapter 5 FUSES FOR POWER  
FUSES FOR POWER

These tables describe power distribution from each power supply (fuse or fusible link) to various systems.

E5-3

FUSE FOR POWER SUPPLY

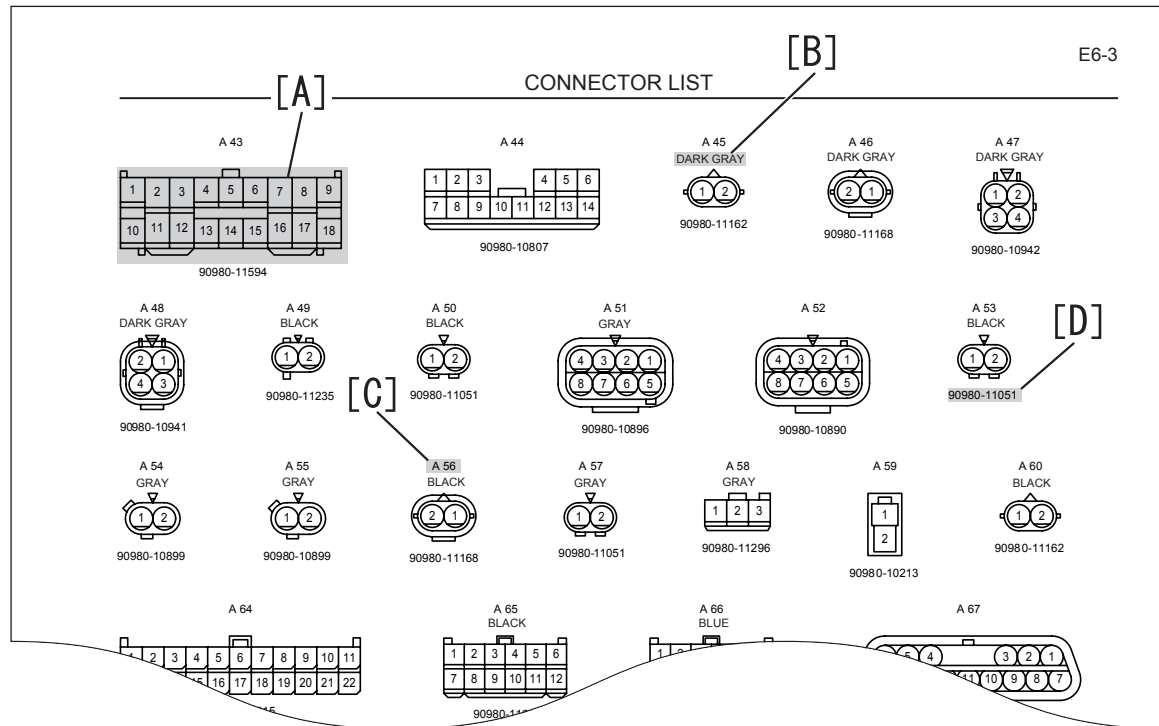
**FUSIBLE LINK BLOCK ASSY**

FUSE	SYSTEM	Page
100A	GLOW	E3-76
	INTAKE HEATER	E3-84
120A	ALT	E3-96

**ENGINE ROOM R/B**

FUSE	SYSTEM	Page
7.5A	OPS SYSTEM	E3-250
	SAS/OPS SYSTEM	E3-258
7.5A	CHARGING	E3-194
7.5A	SAS/OPS SYSTEM	E3-234
10A	BACK UP LAMP BUZZER	E3-220
	REAR WORKING LAMP	E3-204
	STROBE LIGHT	E3-182
	GLOW	E3-162
	INTAKE HEATER	E3-166
	ENGINE CONTROL (4Y-E)	E3-170
	FUEL	E3-278

## Chapter 6 CONNECTOR LIST CONNECTOR LIST



**[A] Connector shape and terminal number**

Indicates the connector shape on the wire harness side, which is connected to a part.  
Numbers indicate terminal numbers that are used in the circuit diagrams.

**[B] Connector color**

Indicates a connector color.

**[C] Part connector**

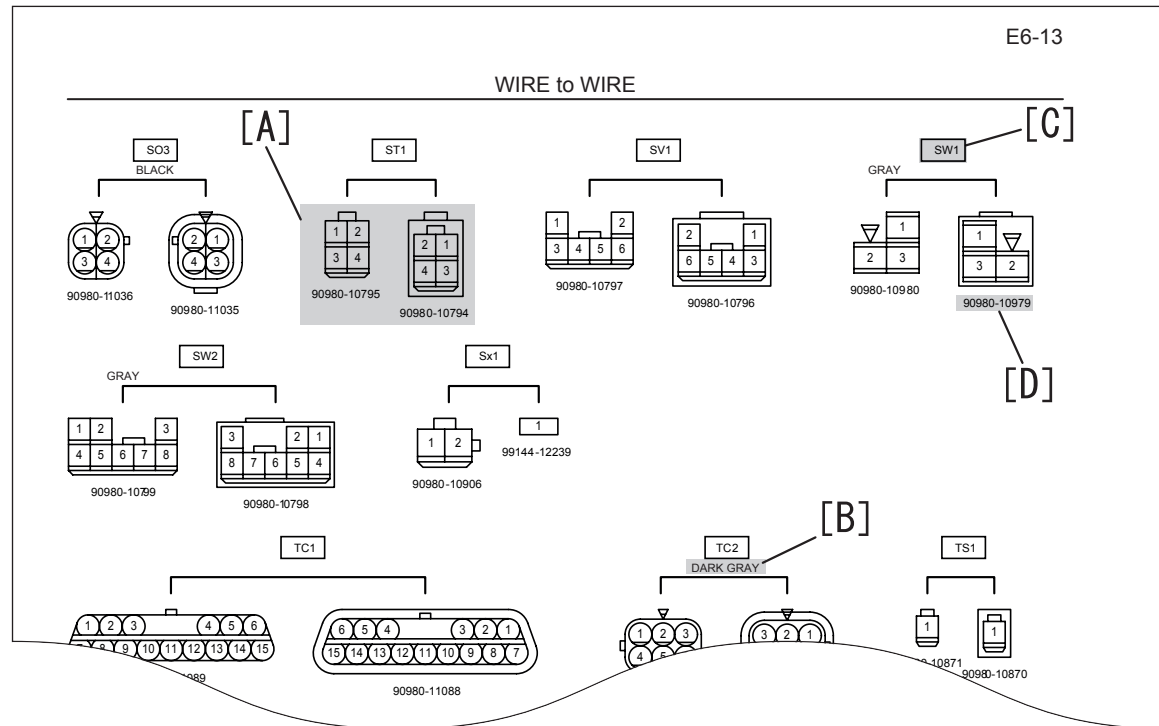
Indicates a connector number connected to a part.  
The code is the same as that used in the electrical wiring routing.

**[D] Connector part number**

Indicates the part number of a connector.

## INTRODUCTION

## HARNESS TO HARNESS CONNECTOR

**[A] Connector shape and terminal number**

Indicates the connector shape that connects two wire harnesses.

On left: Female connector<sup>\*1</sup> shape (This example indicates a connector for the G wire)

On right: Male connector<sup>\*2</sup> shape (This example indicates a connector for the K wire)

\*1: A female connector has a female terminal.

\*2: A male connector has a male terminal.

**B] Connector color**

Indicates a connector color.

**[C] Harness to harness connector**

Indicates a connector code that connects two wire harnesses

The code is the same as that used in the electrical wiring routing and wiring diagram.

**[D] Connector part number**

Indicates the part number of a connector

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**ABBREVIATIONS**

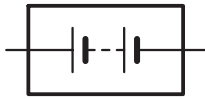

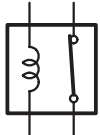



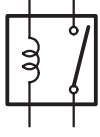



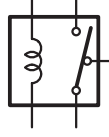
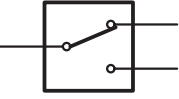



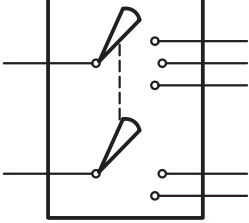






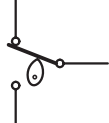







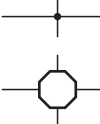


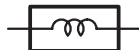

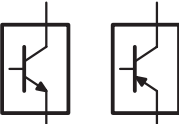
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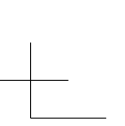
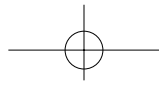
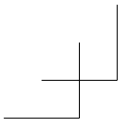
Abbreviations	Explanation
ASC	Auto Speed Control
ASSY	Assembly
CNG	Compressed Natural Gas
DPF	Diesel Particulate Filter
ECU	Electronic Control Unit
FR	Front
J/B	Junction Block
LH	Left-Hand
LPG	Liquefied Petroleum Gas
M/T	Manual Transmission
OPS	Operator Presence Sensing
PS	Power Steering
R/B	Relay Block
RH	Right-Hand
RR	Rear
SAS	System of Active Stability
SOL	Solenoid
SPEC.	Specification
T/C	Torque Converter & Transmission
W/	With
W/O	Without



INTRODUCTION

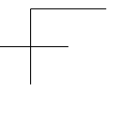
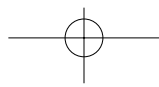
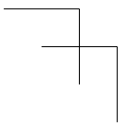
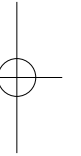
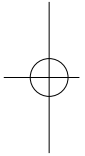
GLOSSARY OF TERMS AND SYMBOLS

<p>BATTERY</p> 	<p>GROUND</p> 	<p>RELAY</p>  <p>1. NORMALLY CLOSED</p>	<p>SWITCH, MANUAL</p>  <p>1. NORMALLY OPEN</p>
<p>CAPACITOR (Condenser)</p> 	<p>HEADLIGHTS</p>  <p>1. SINGLE FILAMENT</p>	 <p>2. NORMALLY OPEN</p>	 <p>2. NORMALLY CLOSED</p>
<p>CIGARETTE LIGHTER</p> 	 <p>2. DOUBLE FILAMENT</p>	<p>RELAY, DOUBLE THROW</p> 	<p>SWITCH, DOUBLE THROW</p> 
<p>DIODE</p> 	<p>HORN</p> 	<p>RESISTOR, TAPPED</p> 	<p>SWITCH, IGNITION</p> 
<p>DIODE, ZENER</p> 	<p>LIGHT</p> 	<p>SENSOR (Termistor)</p> 	
<p>LED (Light Emitting Diode)</p> 	<p>METER, ANALOG</p> 	<p>SENSOR</p> 	<p>SWITCH, WIPER PARK</p> 
<p>PHOTODIODE</p> 	<p>METER, DIGITAL</p> 	<p>SHORT PIN</p> 	<p>WIRES</p>  <p>1. NOT CONNECTED</p>
<p>MOTOR</p> 	<p>RESISTOR</p> 	<p>FUSE</p> 	 <p>2. SPLICED</p>
<p>SPEAKER</p> 	<p>RESISTOR, VARIABLE or RHEOSTAT</p> 	<p>SOLENOID</p> 	<p>HIGH-TENSION WIRE</p> 
<p>TRANSISTOR</p> 			



MEMO

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## CHAPTER 2 ELECTRICAL WIRING ROUTINGS AND RELAY LOCATIONS

**E2**

### ELECTRICAL WIRING ROUTINGS

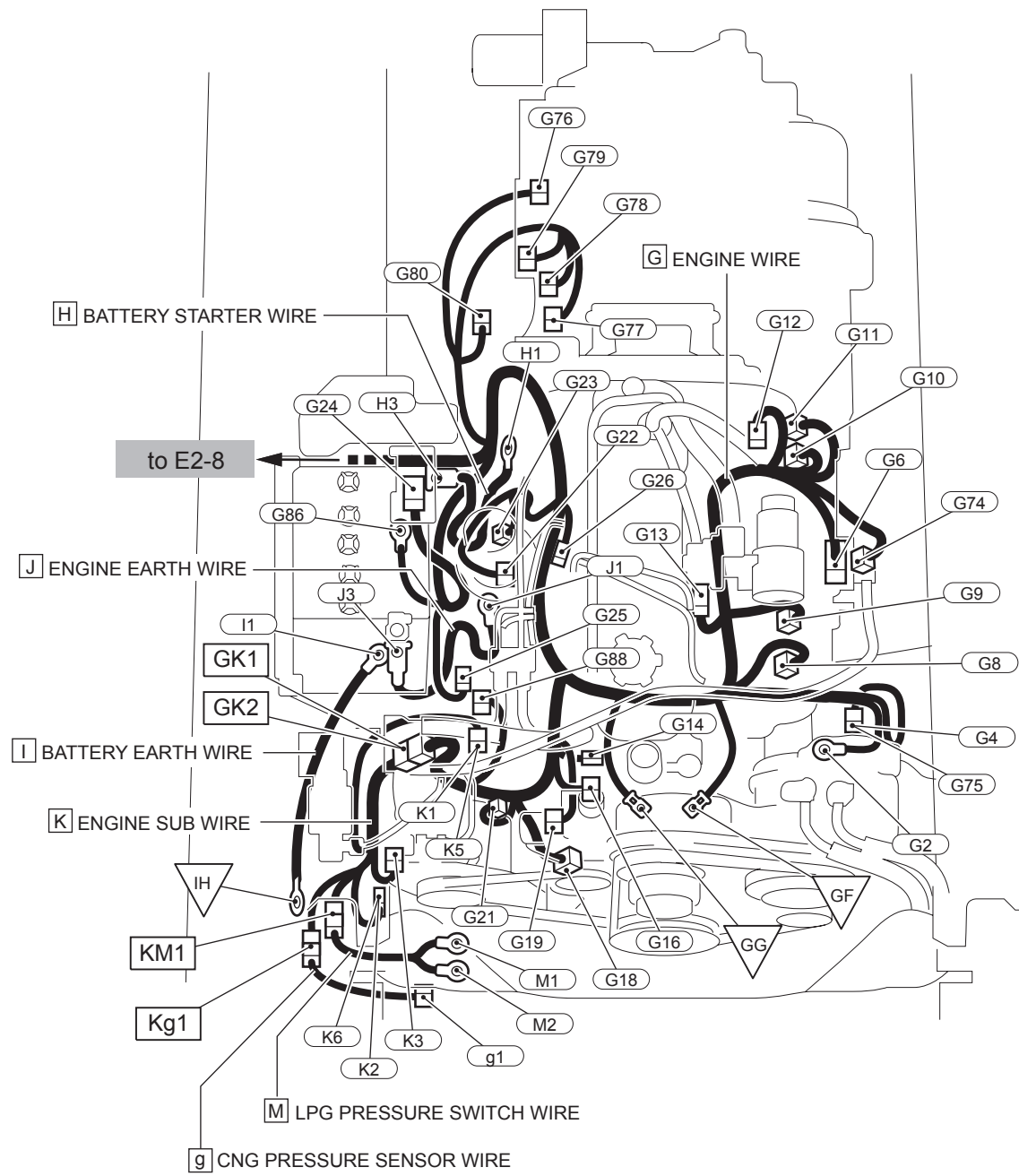
ENGINE ROOM (4Y-E) .....	E2-2
ENGINE ROOM (1DZ) .....	E2-4
INSTRUMENT PANEL .....	E2-6
FRONT BODY .....	E2-8
MAST AREA .....	E2-10
REAR BODY (NO.1) .....	E2-12
REAR BODY (NO.2) .....	E2-14

### RELAY LOCATIONS

JUNCTION BLOCK (J/B) / RELAY BLOCK (R/B) .....	E2-16
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SYMBOLS	WIRE NAME	SYMBOLS	WIRE NAME
A	BODY MAIN WIRE	T	RR UPR SUB RH WIRE
B	BODY SUB NO.1 WIRE	U	HEAD GUARD SW WIRE
C	SIDE RH WIRE	X	HOOD MAIN WIRE
D	T/C HEAT GAUGE WIRE	Y	HOOD SUB NO.1 WIRE
G	ENGINE WIRE	Z	RR LWR WIRE
H	BATTERY STARTER WIRE	a	SUB ACCEL WIRE
I	BATTERY EARTH WIRE	b	MAST SENSOR WIRE
J	ENGINE EARTH WIRE	d	FR STAY WIRE LH
K	ENGINE SUB WIRE	g	CNG PRESSURE SENSOR WIRE
M	LPG PRESSURE SWITCH WIRE	h	WIPER SUB WIRE
O	SIDE LH WIRE	i	DIGITAL METER WIRE
Q	INSTRUMENT PANEL WIRE	j	INSTRUMENT PANEL SW WIRE
R	FR STAY WIRE RH	k	EZ PEDAL LIMIT SW WIRE
S	RR UPR MAIN WIRE	m	INSTRUMENT PANEL WIRE

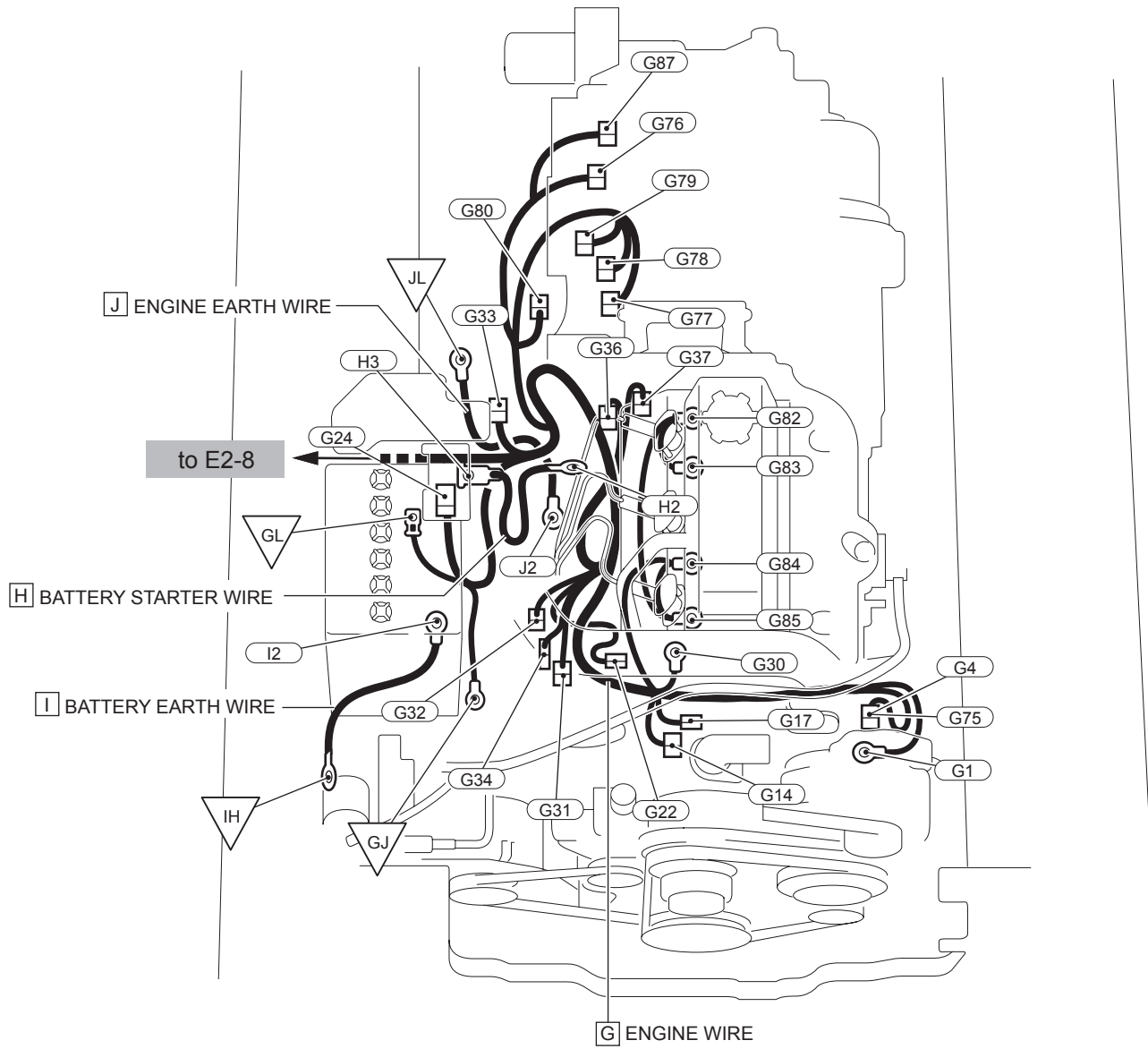
ENGINE ROOM(4Y-E)



## ELECTRICAL WIRING ROUTINGS

(G2)	ALTERNATOR	(GK1)	} ENGINE WIRE to ENGINE SUB WIRE
(G4)	ALTERNATOR	(GK2)	
(G6)	THROTTLE POSITION SENSOR(WITH MOTOR)	(KM1)	ENGINE SUB WIRE to LPG PRESSURE SWITCH WIRE
(G8)	INJECTOR NO.1	(Kg1)	ENGINE SUB WIRE to CNG PRESSURE SENSOR WIRE
(G9)	INJECTOR NO.2		
(G10)	INJECTOR NO.3		
(G11)	INJECTOR NO.4	(GF)	ENGINE UPPER EARTH
(G12)	VACUUM SENSOR	(GG)	ENGINE UPPER EARTH
(G13)	FCM STEP MOTOR		
(G14)	WATER TEMPERATURE SENDER		
(G16)	WATER TEMPERATURE SENSOR	(IH)	REAR PILLAR LEFT UNDER EARTH
(G18)	G2 SENSOR		
(G19)	DISTRIBUTOR		
(G21)	IGNITION COIL		
(G22)	OIL PRESSURE SWITCH		
(G23)	STARTER		
(G24)	FUSIBLE LINK BLOCK ASSY		
(G25)	IGNITER		
(G26)	TACHO CHECK		
(G74)	LPG INJECTOR		
(G75)	ALTERNATOR		
(G76)	FUSIBLE LINK BLOCK-1		
(G77)	DISCONNECT SWITCH(BATT)		
(G78)	DISCONNECT SWITCH(ALT)		
(G79)	DISCONNECT SWITCH(ALT)		
(G80)	DISCONNECT SWITCH(BATT)		
(G86)	BATTERY		
(G88)	GASOLINE/LPG SWITCH		
(H1)	STARTER		
(H3)	BATTERY		
(I1)	BATTERY		
(J1)	STARTER		
(J3)	BATTERY		
(K1)	LPG SOLENOID(SLOW)		
(K2)	LPG RESISTOR		
(K3)	LPG SOLENOID(MAIN)		
(K5)	CNG SOLENOID		
(K6)	CNG RESISTOR		
(M1)	LPG PRESSURE SWITCH		
(M2)	LPG PRESSURE SWITCH		
(g1)	CNG PRESSURE SENSOR		

ENGINE ROOM(1DZ)

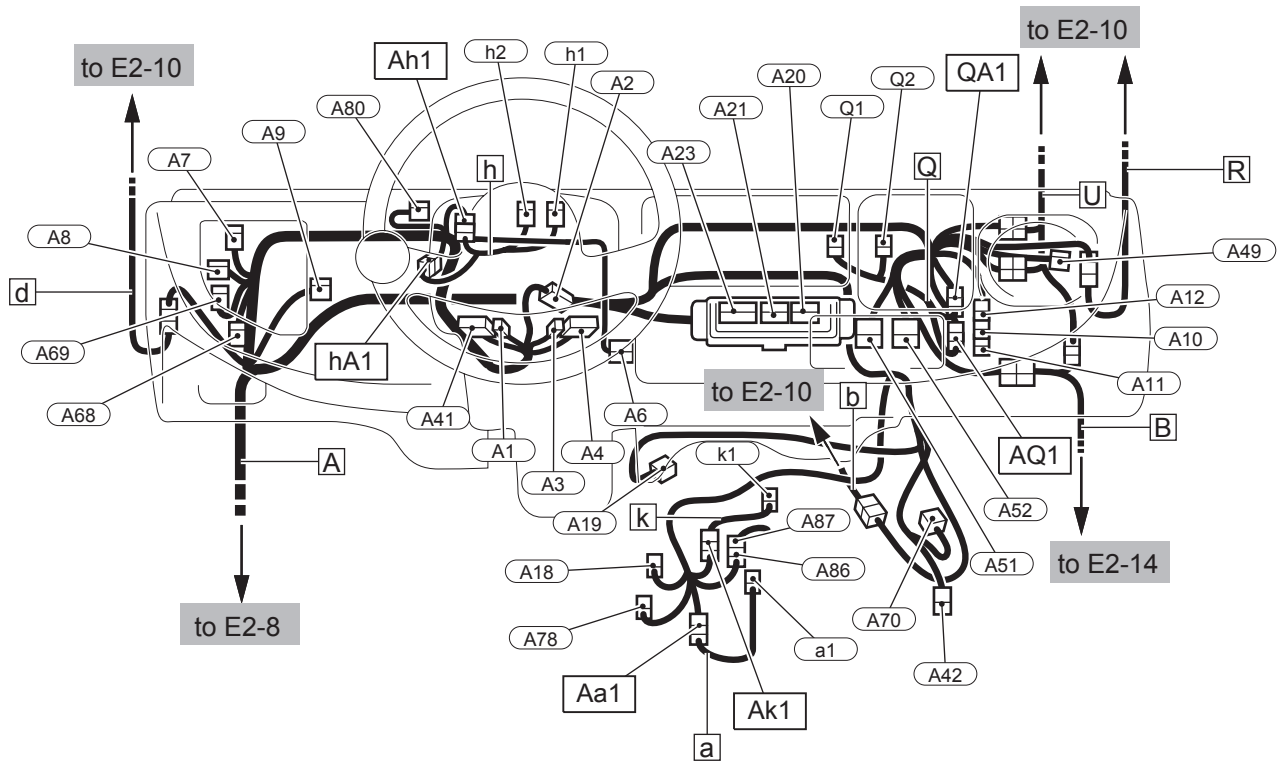


## ELECTRICAL WIRING ROUTINGS

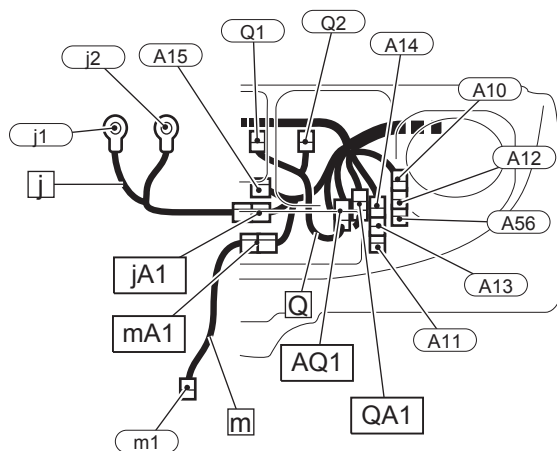
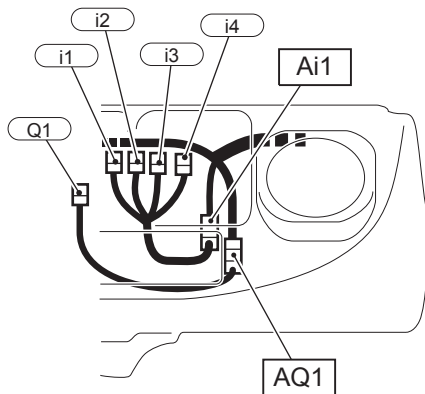
G1	ALTERNATOR
G4	ALTERNATOR
G14	WATER TEMPERATURE SENDER
G17	WATER TEMPERATURE SENSOR
G22	OIL PRESSURE SWITCH
G24	FUSIBLE LINK BLOCK ASSY
G30	GLOW PLUG
G31	INJECTOR PUMP
G32	STARTER
G33	GLOW PLUG RELAY
G34	FUEL CUT SOLENOID
G36	OPEN CLOSE SWITCH
G37	STEP MOTOR
G75	ALTERNATOR
G76	FUSIBLE LINK BLOCK-1
G77	DISCONNECT SWITCH(BATT)
G78	DISCONNECT SWITCH(ALT)
G79	DISCONNECT SWITCH(ALT)
G80	DISCONNECT SWITCH(BATT)
G82	GLOW PLUG NO.1
G83	GLOW PLUG NO.2
G84	GLOW PLUG NO.3
G85	GLOW PLUG NO.4
G87	FUSIBLE LINK BLOCK-2
H2	STARTER
H3	BATTERY
I2	BATTERY
J2	STARTER
GJ	JUNCTION BLOCK IN FRONT INSIDE EARTH
GL	JUNCTION BLOCK IN FRONT INSIDE EARTH
IH	REAR PILLAR LEFT UNDER EARTH
JL	FRONT PLATE LEFT INSIDE EARTH

INSTRUMENT PANEL

- |                                |                             |                                   |
|--------------------------------|-----------------------------|-----------------------------------|
| <b>A</b> BODY MAIN WIRE        | <b>R</b> FR STAY WIRE RH    | <b>b</b> MAST SENSOR WIRE         |
| <b>B</b> BODY SUB NO.1 WIRE    | <b>U</b> HEAD GUARD SW WIRE | <b>d</b> FR STAY WIRE LH          |
| <b>Q</b> INSTRUMENT PANEL WIRE | <b>a</b> SUB ACCEL WIRE     | <b>h</b> WIPER SUB WIRE           |
|                                |                             | <b>i</b> DIGITAL METER WIRE       |
|                                |                             | <b>j</b> INSTRUMENT PANEL SW WIRE |
|                                |                             | <b>m</b> INSTRUMENT PANEL WIRE    |
|                                |                             | <b>k</b> EZ PEDAL LIMIT SW WIRE   |



[W/ CNG DIGITAL METER]

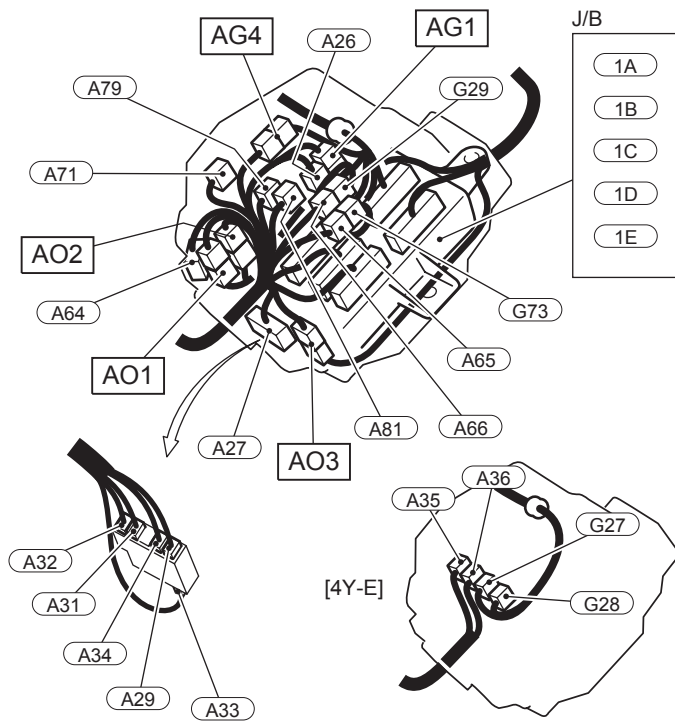
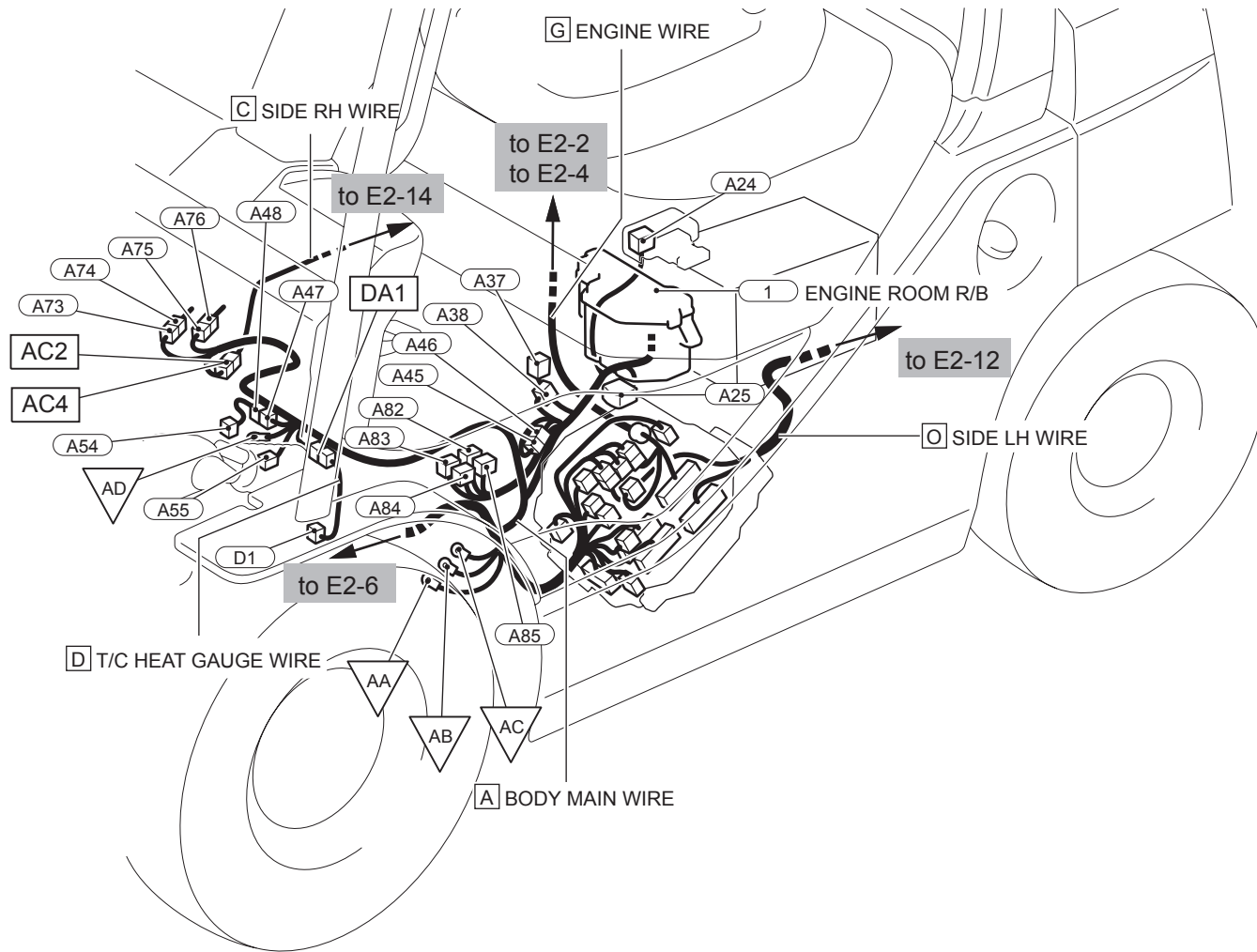




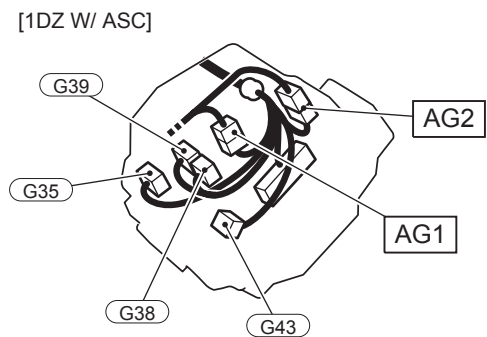
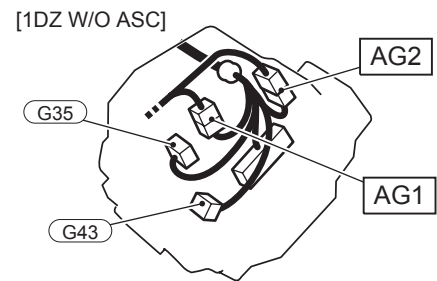
## ELECTRICAL WIRING ROUTINGS

A1	HORN SWITCH	AQ1	BODY MAIN WIRE to INSTRUMENT PANEL WIRE
A2	IGNITION SWITCH	Aa1	BODY MAIN WIRE to SUB ACCEL WIRE
A3	STEERING SENSOR	Ah1	BODY MAIN WIRE to WIPER SUB WIRE
A4	LIGHT CONTROL SWITCH	Ai1	BODY MAIN WIRE to DIGITAL METER WIRE
A6	STOP LAMP SWITCH	Ak1	BODY MAIN WIRE to EZ PEDAL LIMIT SW WIRE
A7	BRAKE WARNING SWITCH	mA1	INSTRUMENT PANEL WIRE to BODY MAIN WIRE
A8	OPS WARNING BUZZER	QA1	INSTRUMENT PANEL WIRE to BODY MAIN WIRE
A9	PARKING BRAKE SWITCH	hA1	WIPER SUB WIRE to BODY MAIN WIRE
A10	TILT SOLENOID	jA1	INSTRUMENT PANEL SW WIRE to BODY MAIN WIRE
A11	LIFT SOLENOID		
A12	UNLOAD SOLENOID		
A13	TILT SWITCH		
A14	LIFT SWITCH		
A15	NEUTRAL TILT SWITCH		
A18	PRESSURE SENSOR		
A19	SPEED SENSOR		
A20	SAS/OPS ECU		
A21	SAS/OPS ECU		
A23	MINI LEVER ECU		
A41	LEFT T/C SHIFT SWITCH		
A42	TILT ANGLE SENSOR		
A49	HORN		
A51	CONTROL VALVE PUSH SOLENOID		
A52	CONTROL VALVE PULL SOLENOID		
A56	BACK TILT SOLENOID		
A68	WET BRAKE BUZZER		
A69	WET BRAKE LAMP		
A70	PRESSURE SWITCH		
A78	EZ PEDAL DIRECTION SWITCH		
A80	PARKING WARNING LAMP		
A86	SHORT CONNECTOR		
A87	SHORT CONNECTOR		
Q1	COMBINATION METER		
Q2	DISPLAY		
a1	ACCEL SENSOR		
h1	FRONT WIPER RELAY		
h2	FRONT WIPER MOTOR		
i1	CNG DIGITAL METER		
i2	CNG DIGITAL METER		
i3	CNG DIGITAL METER		
i4	CNG DIGITAL METER		
j1	INPANE SWITCH(+)		
j2	INPANE SWITCH(-)		
k1	ACCEL SWITCH		
m1	12V POWER SUPPLY		

FRONT BODY



J/B
1A
1B
1C
1D
1E

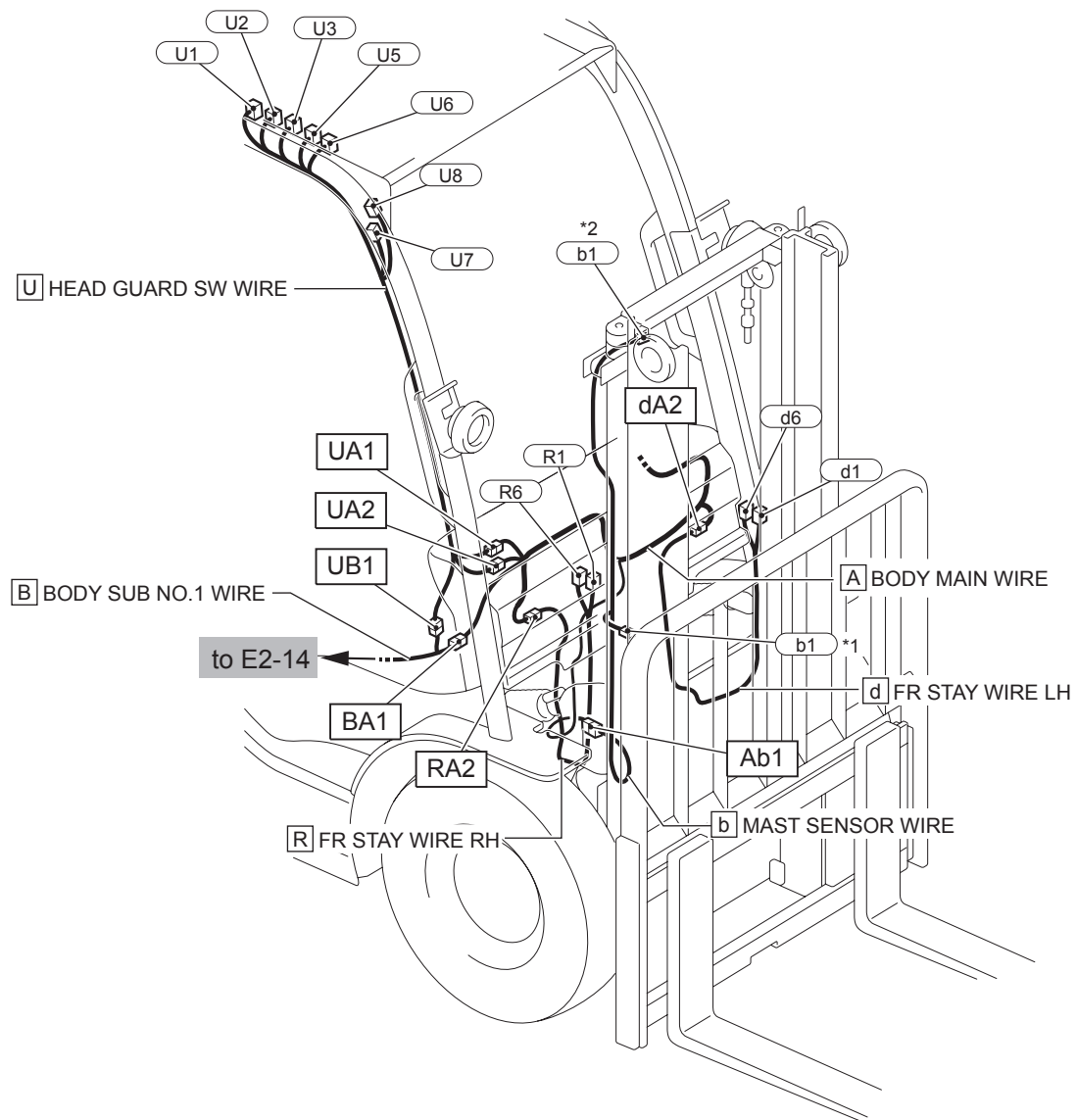


## ELECTRICAL WIRING ROUTINGS

(A24)	FUSIBLE LINK BLOCK ASSY	(1A)	} BODY MAIN WIRE to J/B
(A25)	DIAGNOSIS	(1B)	
(A26)	DIODE	(1C)	
(A27)	JUNCTION CONNECTOR	(1D)	ENGINE WIRE to J/B
(A29)	CAN JOINT CONNECTOR	(1E)	SIDE LH WIRE to J/B
(A31)	CAN JOINT CONNECTOR		
(A32)	CAN JOINT CONNECTOR		
(A33)	CAN JOINT CONNECTOR	(AC2)	} BODY MAIN WIRE to SIDE RH WIRE
(A34)	CAN JOINT CONNECTOR	(AC4)	
(A35)	ENGINE ECU	(AG1)	} BODY MAIN WIRE to ENGINE WIRE
(A36)	ENGINE ECU	(AG2)	
(A37)	LPG WARNING RELAY	(AG4)	
(A38)	LPG WARNING BUZZER	(AO1)	} BODY MAIN WIRE to SIDE LH WIRE
(A45)	MATCHING CONNECTOR	(AO2)	
(A46)	MATCHING CONNECTOR	(AO3)	
(A47)	SHIFT SOLENOID2	(DA1)	T/C HEAT GAUGE WIRE to BODY MAIN WIRE
(A48)	SHIFT SOLENOID2		
(A54)	SHIFT SOLENOID1		
(A55)	SHIFT SOLENOID1		
(A64)	JUNCTION CONNECTOR(J)	(AA)	FRONT PLATE LEFT OUTSIDE EARTH
(A65)	JUNCTION CONNECTOR(A)	(AB)	FRONT PLATE LEFT OUTSIDE EARTH
(A66)	JUNCTION CONNECTOR(B)	(AC)	FRONT PLATE LEFT OUTSIDE EARTH
(A71)	DIODE(WET BRAKE)	(AD)	TRANSMISSION UPPER EARTH
(A73)	T/C INTERLOCK(FR)		
(A74)	SHORT CONNECTOR(FR)		
(A75)	T/C INTERLOCK(RR)		
(A76)	SHORT CONNECTOR(RR)		
(A79)	BUZZER DIODE		
(A81)	PARKING LAMP DIODE		
(A82)	FRONT SOLENOID RELAY		
(A83)	REAR SOLENOID RELAY		
(A84)	EZ PEDAL MAIN RELAY		
(A85)	NEUTRAL START RELAY		
(D1)	T/C OIL TEMPERATURE SENSOR		
(G27)	ENGINE ECU		
(G28)	ENGINE ECU		
(G29)	JUNCTION CONNECTOR(B)		
(G35)	GLOW PLUG TIMER		
(G38)	ASC ECU		
(G39)	ASC ECU		
(G43)	JUNCTION CONNECTOR(E)		
(G73)	JUNCTION CONNECTOR(A)		

# MAST AREA

\*1:V MAST  
\*2:FSV MAST



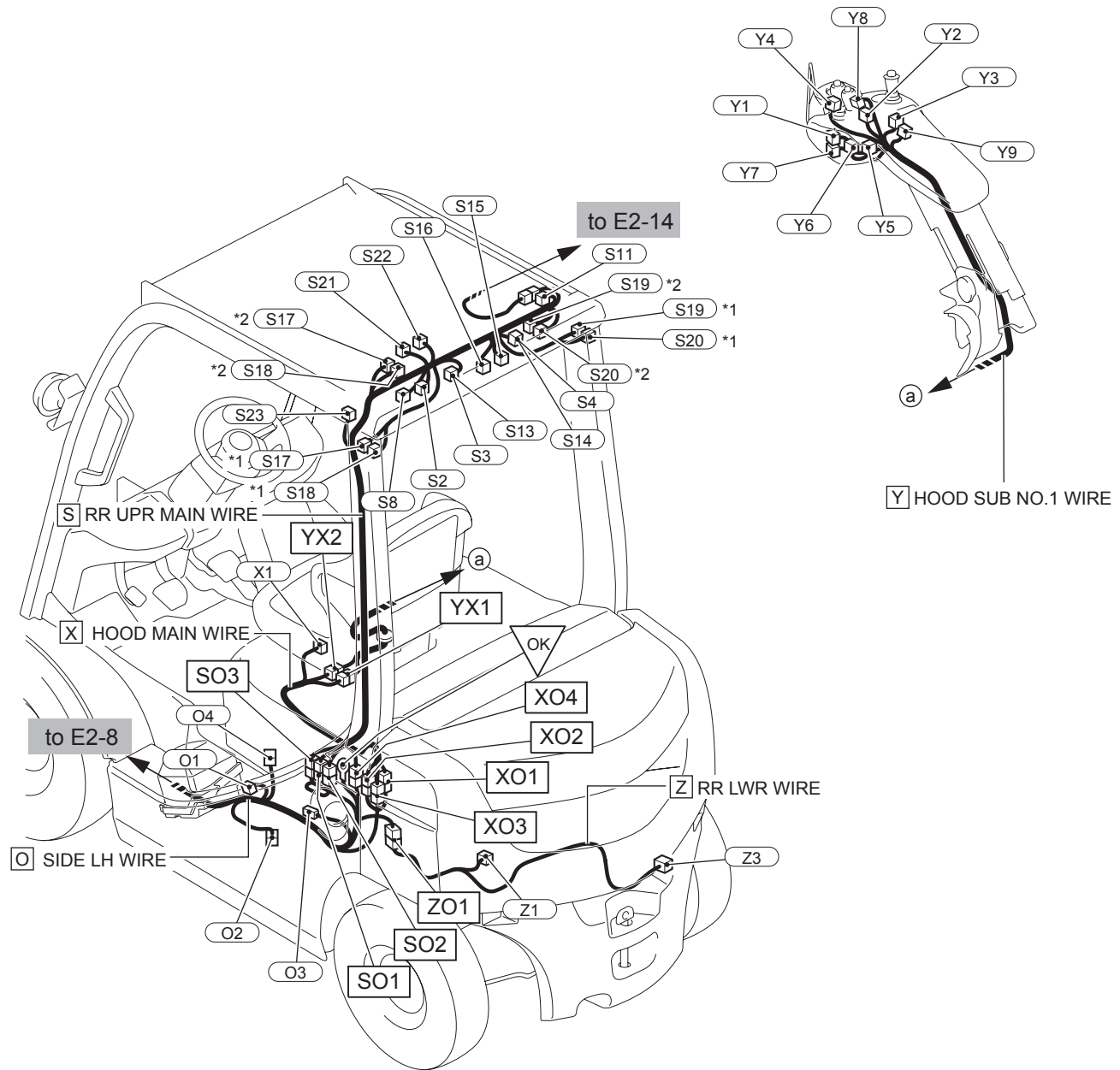
## ELECTRICAL WIRING ROUTINGS

R1	FRONT COMBINATION LAMP RIGHT
R6	HEAD LAMP RIGHT
U1	HEATER SWITCH
U2	FRONT WIPER SWITCH
U3	REAR WIPER SWITCH
U5	LPG WARNING SWITCH
U6	FAN SWITCH
U7	FAN MOTOR(B)
U8	FAN MOTOR(E)
b1	MAST SWITCH
d1	FRONT COMBINATION LAMP LEFT
d6	HEAD LAMP LEFT

Ab1	BODY MAIN WIRE to MAST SENSOR WIRE
BA1	BODY SUB NO.1 WIRE to BODY MAIN WIRE
RA2	FR STAY WIRE RH to BODY MAIN WIRE
UA1	HEAD GUARD SW WIRE to BODY MAIN WIRE
UA2	
UB1	HEAD GUARD SW WIRE to BODY SUB NO.1 WIRE
dA2	FR STAY WIRE LH to BODY MAIN WIRE

### REAR BODY(NO.1)

\*1:CABIN  
\*2:EXCEPT CABIN



## ELECTRICAL WIRING ROUTINGS

O1	YAW RATE SENSOR
O2	FUEL SENDER GAUGE & FUEL PUMP
O3	SEDIMENTARY SWITCH
O4	STEERING SOLENOID
S2	REAR WIPER MOTOR
S3	REAR COMBINATION LAMP LEFT
S4	REAR COMBINATION LAMP RIGHT
S8	REAR WIPER RELAY
S11	REAR HORN SWITCH
S13	LED REAR COMBINATION LAMP LEFT
S14	LED REAR COMBINATION LAMP RIGHT
S15	SMART ALARM(+)
S16	SMART ALARM(-)
S17	BEACON LAMP LEFT(B)
S18	BEACON LAMP LEFT(E)
S19	BEACON LAMP RIGHT(B)
S20	BEACON LAMP RIGHT(E)
S21	RESISTOR(STOP LAMP)
S22	RESISTOR(TURN LAMP)
S23	DIODE(LED REAR COMBINATION)
X1	SEAT SWITCH
Y1	NEUTRAL TILT SWITCH
Y2	ATTACHMENT LEVER1
Y3	ATTACHMENT LEVER2
Y4	T/C SHIFT SWITCH
Y5	TILT LEVER
Y6	LIFT LEVER
Y7	LOAD INDICATOR SWITCH
Y8	CONTROL VALVE LEVER 3,4SELECT SWITCH
Y9	SHORT CONNECTOR
Z1	SWING LOCK SOLENOID
Z3	TIRE ANGLE SENSOR

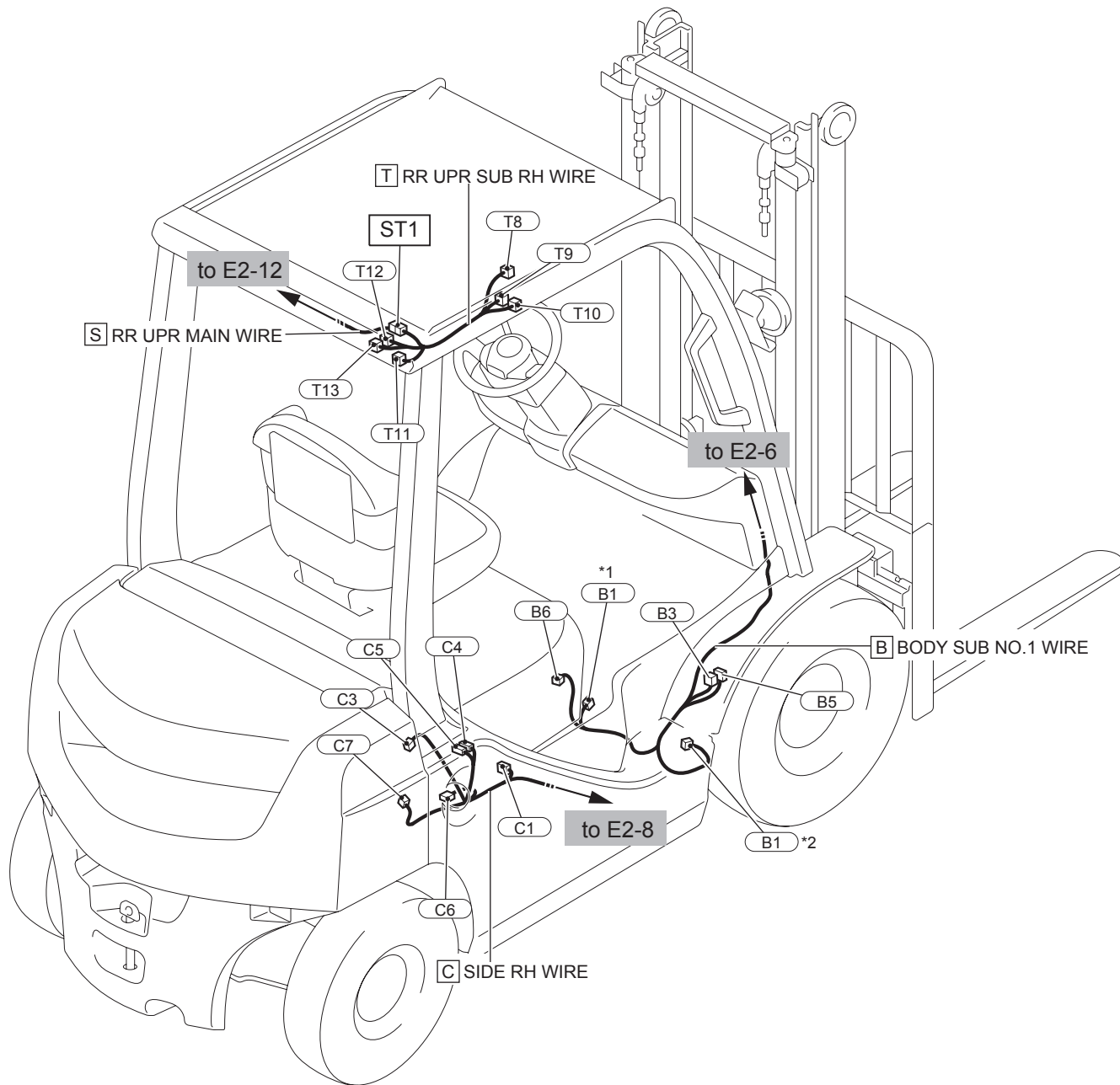
S01	RR UPR MAIN WIRE to SIDE LH WIRE
S02	
S03	
X01	HOOD MAIN WIRE to SIDE LH WIRE
X02	
X03	
X04	
YX1	HOOD SUB NO.1 WIRE to HOOD MAIN WIRE
YX2	
Z01	RR LWR WIRE to SIDE LH WIRE

OK	REAR PILLAR LEFT UNDER EARTH
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### REAR BODY(NO.2)

\*1:DX CABIN

\*2:W/ HEATER W/O DX CABIN





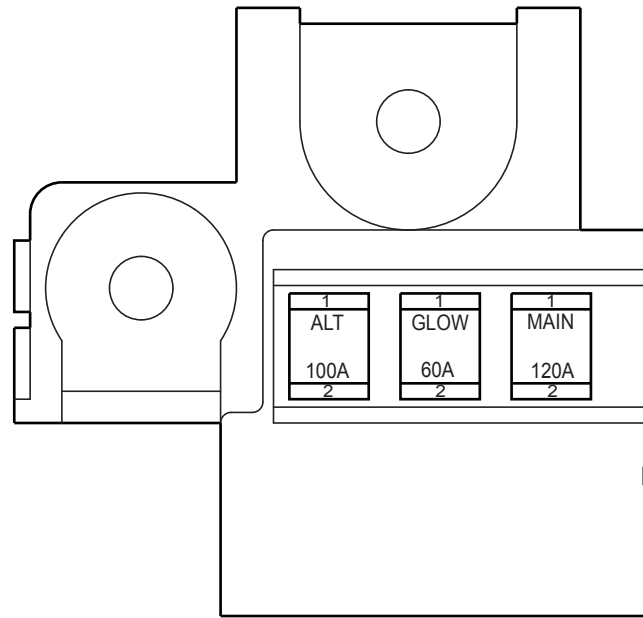
## ELECTRICAL WIRING ROUTINGS

B1	FRONT WASHER MOTOR
B3	HEATER BLOWER MOTOR
B5	HEATER RELAY
B6	REAR WASHER MOTOR
C1	O2 SENSOR
C3	IN AIR SENSOR
C4	AIR CLEANER WARNING SWITCH
C5	AIR CLEANER WARNING SWITCH
C6	RADIATOR WARNING SWITCH
C7	BACK UP BUZZER
T8	COMPARTMENT LAMP
T9	COMPARTMENT LAMP SWITCH(+)
T10	COMPARTMENT LAMP SWITCH(-)
T11	WORK LAMP
T12	WORK LAMP SWITCH(+)
T13	WORK LAMP SWITCH(-)
ST1	RR UPR MAIN WIRE to RR UPR SUB RH WIRE

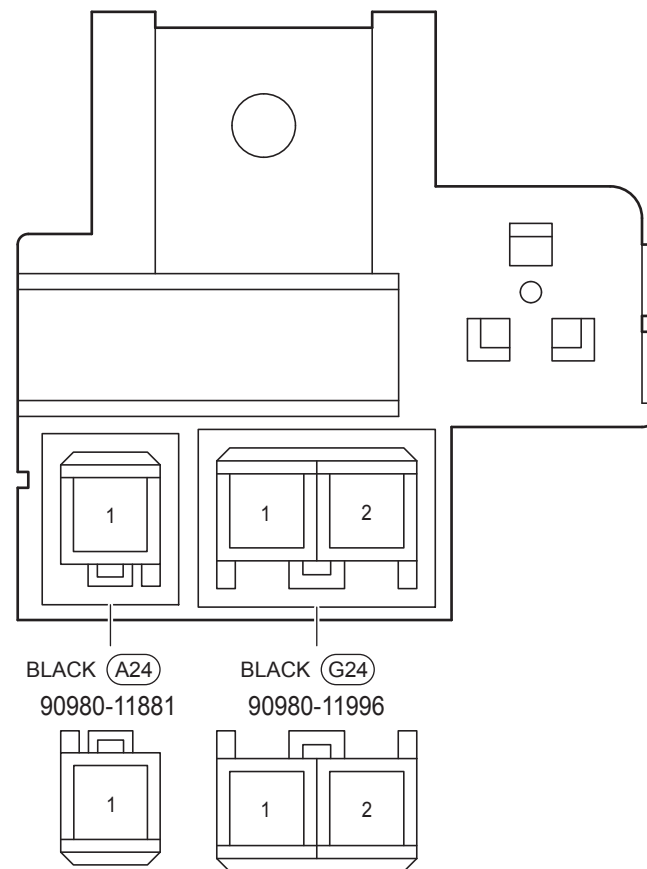
FUSIBLE LINK BLOCK ASSY (INNER CIRCUIT : SEE PAGE E2-22)

(EXCEPT UL-GS, UL-LPS AND UL-DS TYPE)

[FRONT]



[REAR]

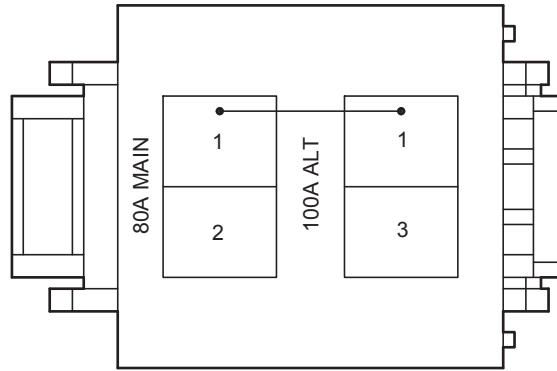


RELAY LOCATIONS

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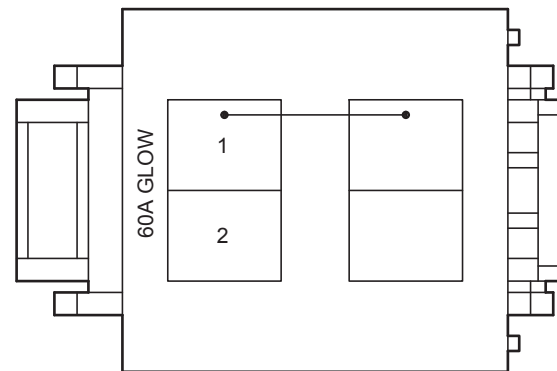
FUSIBLE LINK BLOCK-1 : ENGINE ROOM LEFT

(UL-GS TYPE, UL-LPS TYPE, UL-DS TYPE)



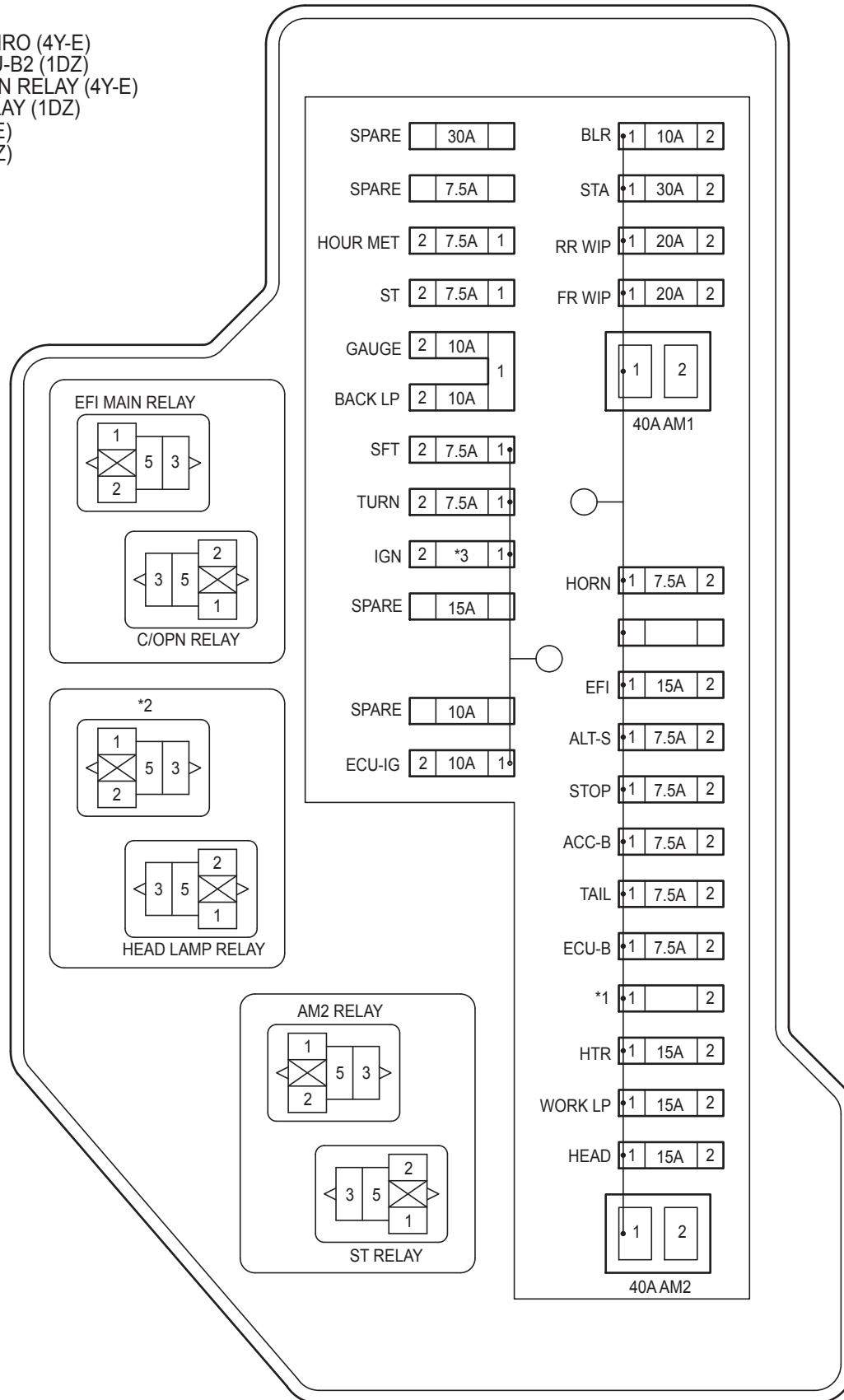
FUSIBLE LINK BLOCK -2 : ENGINE ROOM LEFT

(UL-DS TYPE)



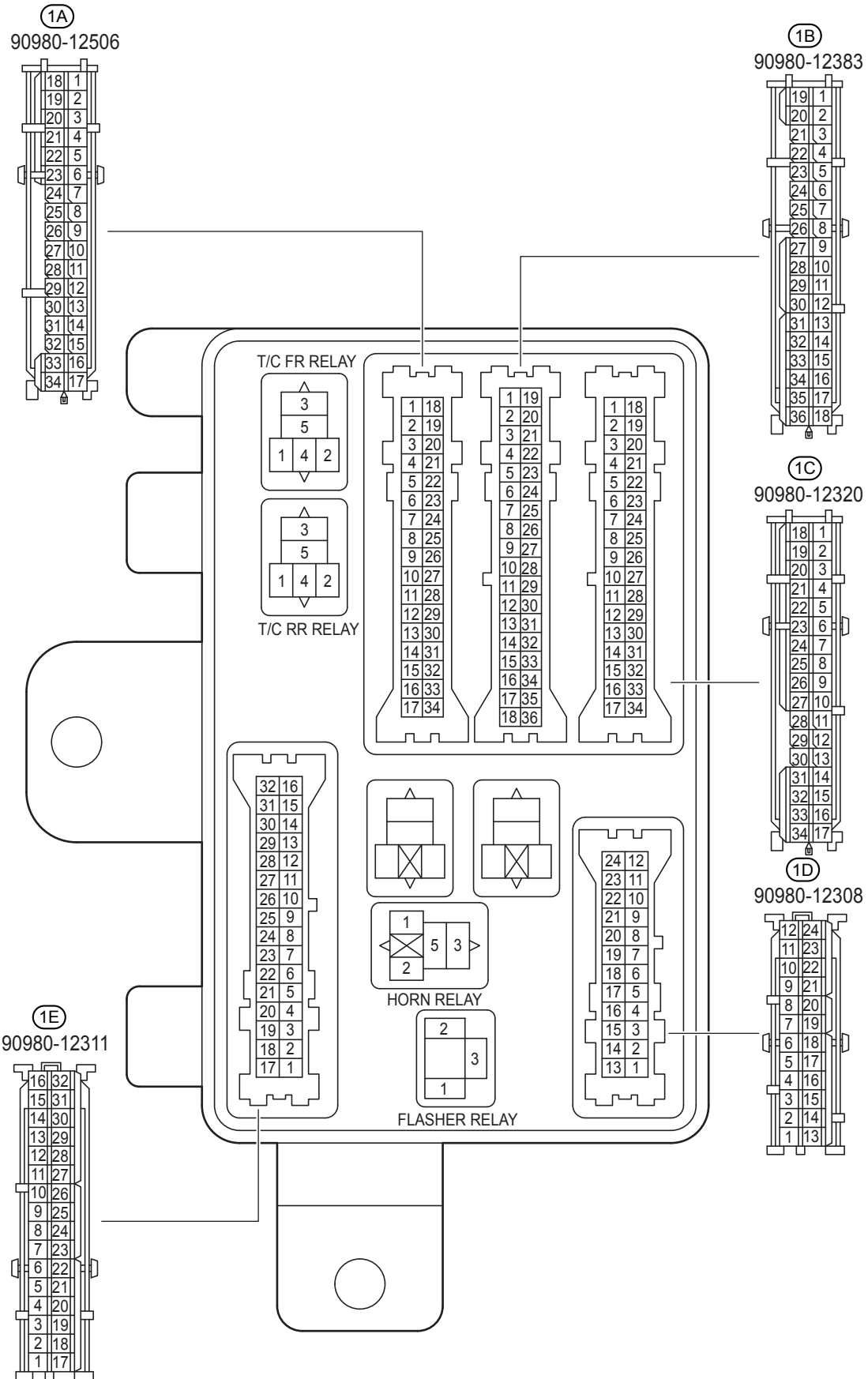
① ENGINE ROOM R/B : ENGINE ROOM LEFT

- \* 1:15A E-THRO (4Y-E)  
7.5A ECU-B2 (1DZ)
- \* 2:LPG MAIN RELAY (4Y-E)  
ASC RELAY (1DZ)
- \* 3:15A (4Y-E)  
7.5A (1DZ)

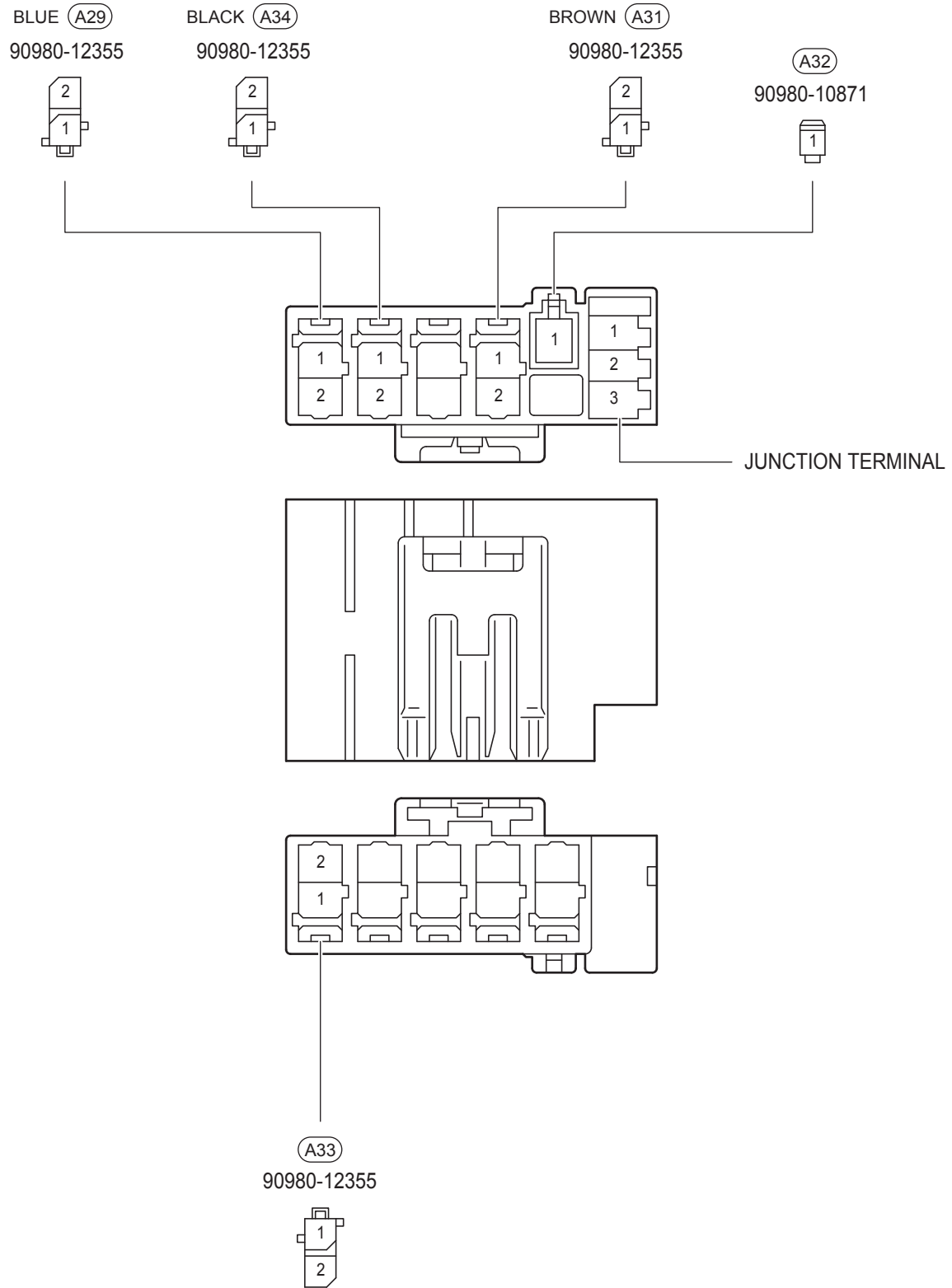


RELAY LOCATIONS

○ J/B : LEFT STEP (INNER CIRCUIT : SEE PAGE E2-24)



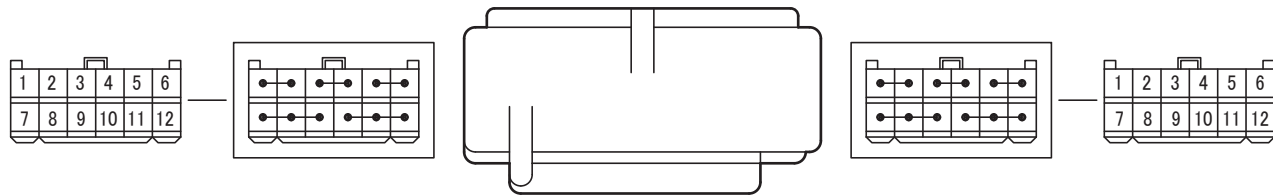
CAN JOINT CONNECTOR : INSIDE OF THE ECU BOX  
(INNER CIRCUIT : SEE PAGE E2-27)



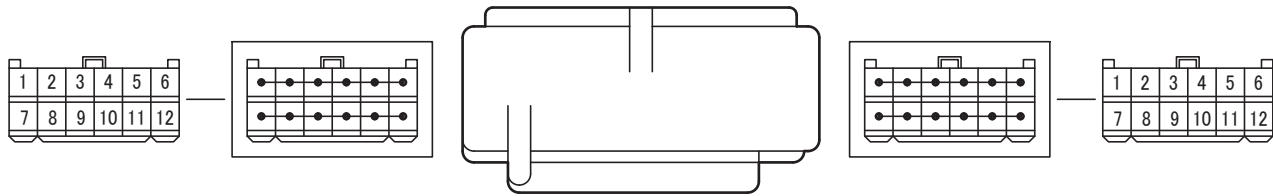
RELAY LOCATIONS

JUNCTION CONNECTOR

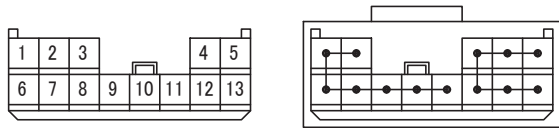
BLACK (A65) ----- JUNCTION CONNECTOR (A) ----- BLACK (G73)



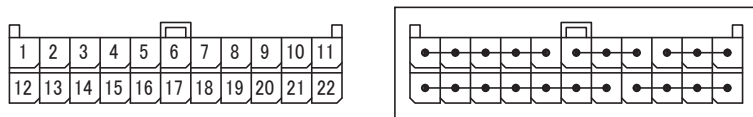
BLUE (A66) ----- JUNCTION CONNECTOR (B) ----- BLUE (G29)



GRAY (A27) JUNCTION CONNECTOR  
GRAY (G43) JUNCTION CONNECTOR (E)



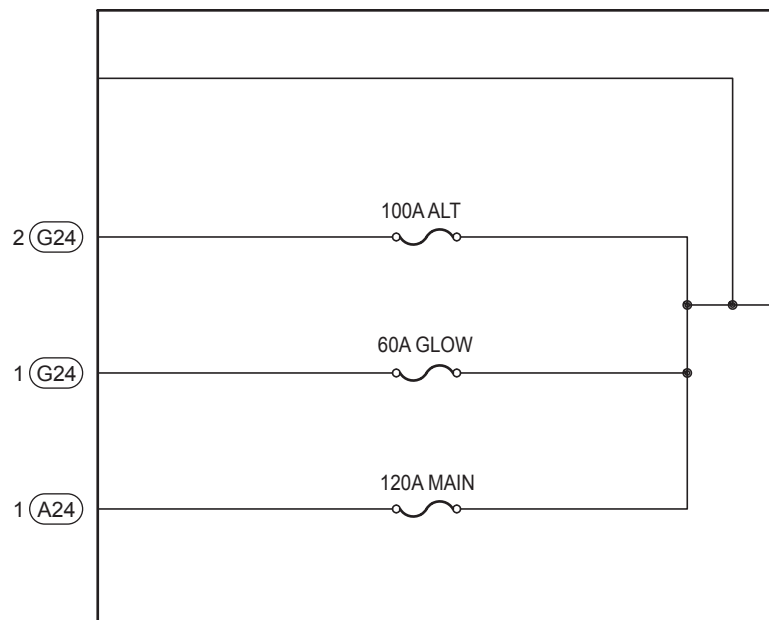
(A64) JUNCTION CONNECTOR (J)



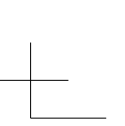
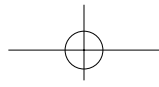
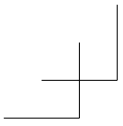
E2-22

RELAY LOCATIONS

[FUSIBLE LINK BLOCK ASSY INNER CIRCUIT]

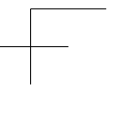
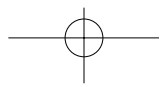
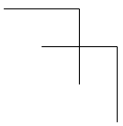
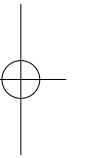
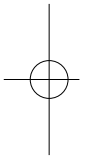




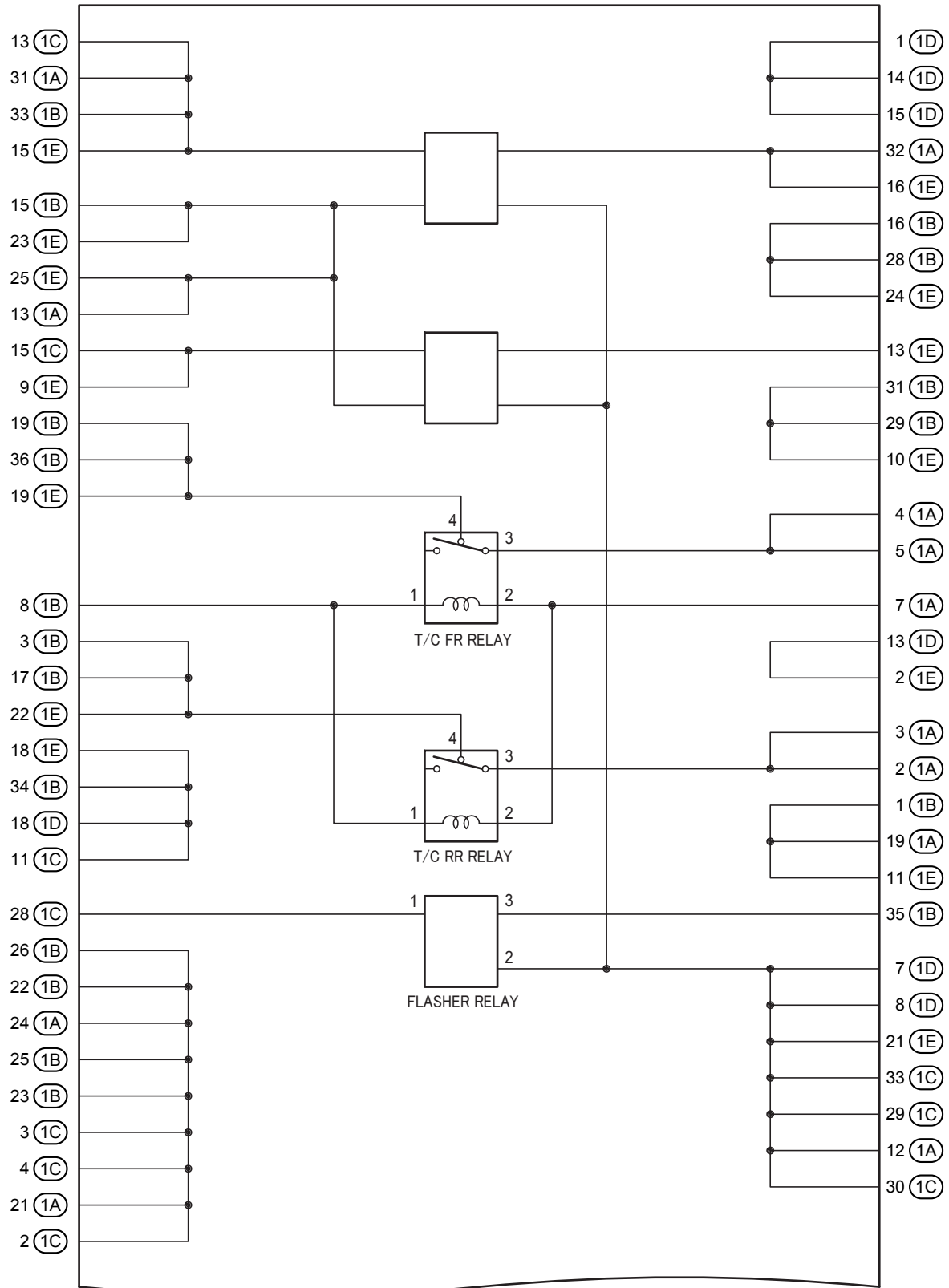


MEMO

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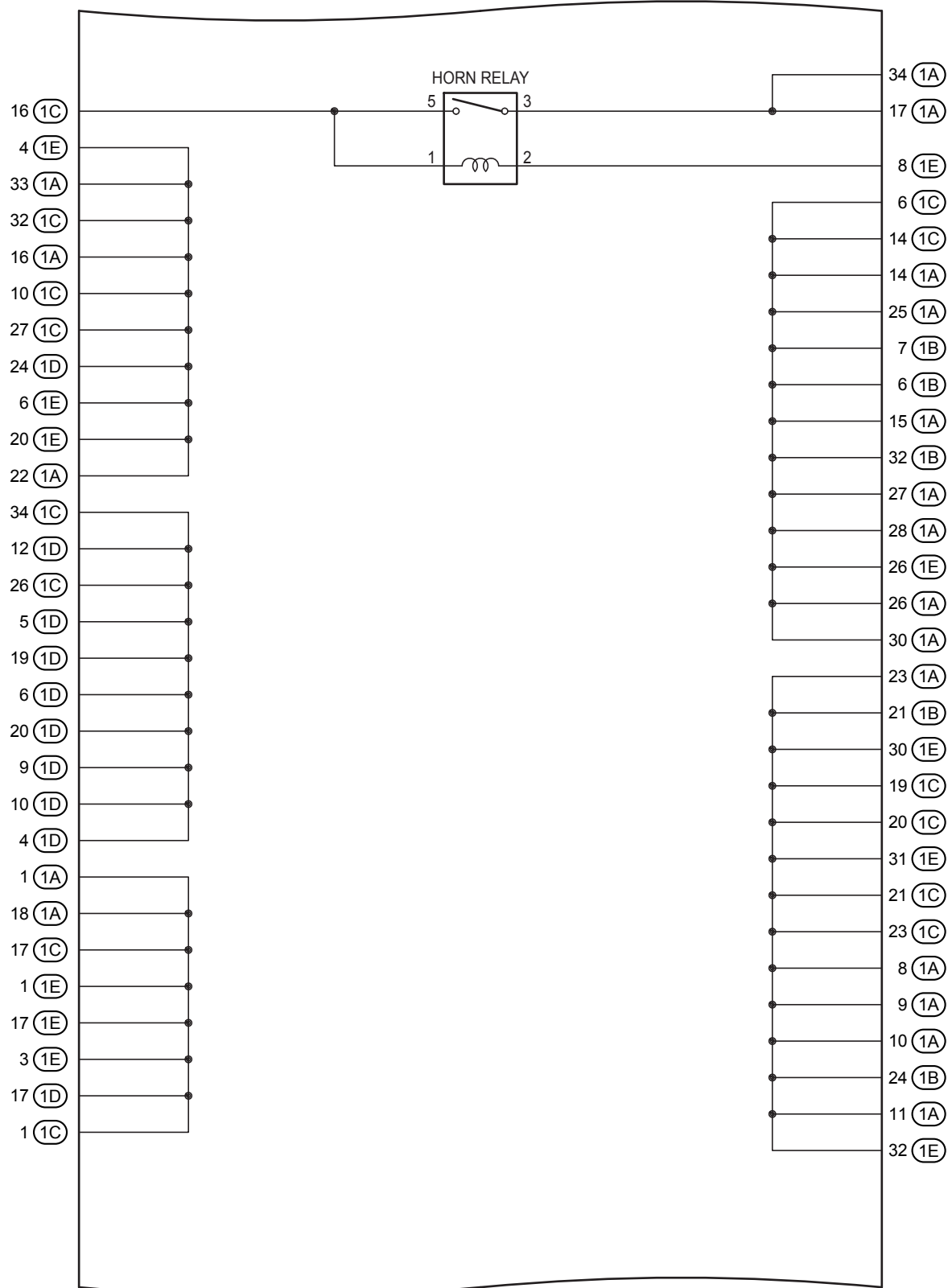


[J/B INNER CIRCUIT (1/3)]

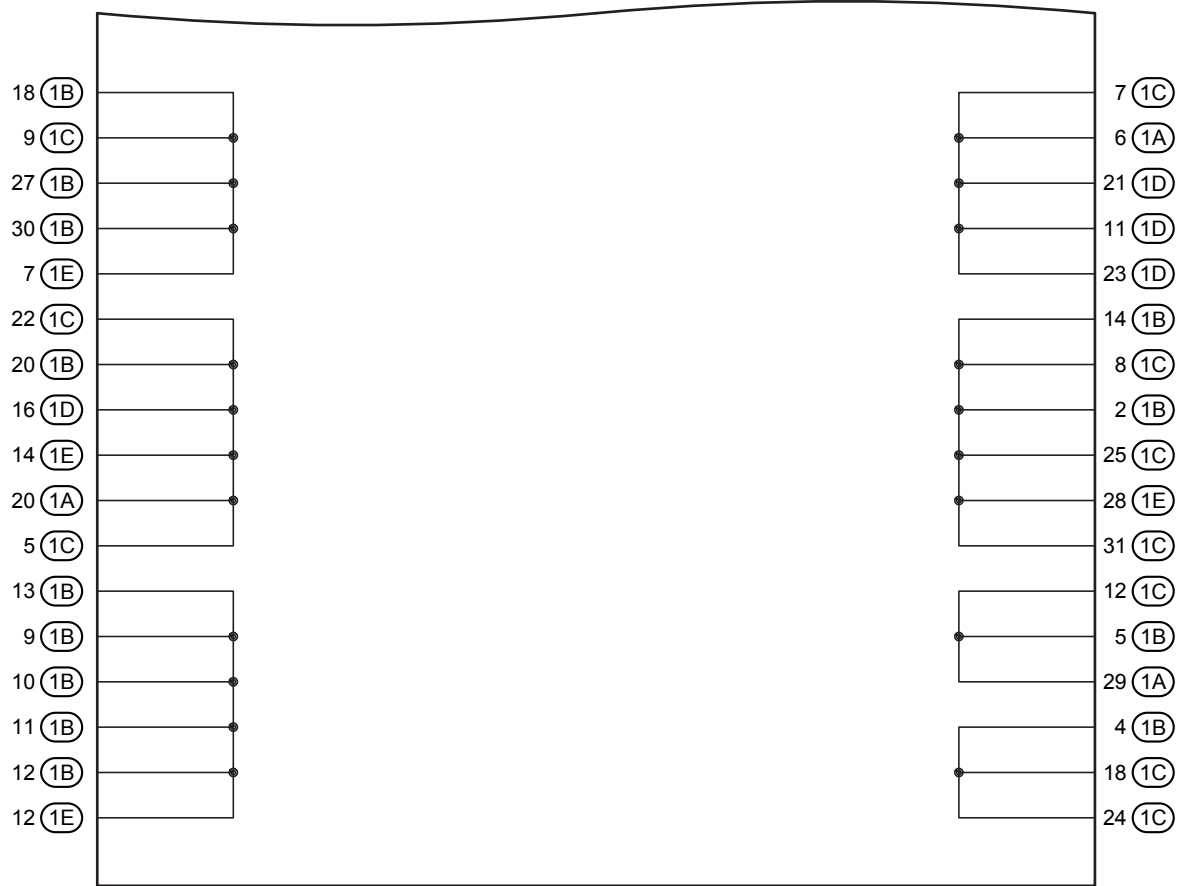


RELAY LOCATIONS

[J/B INNER CIRCUIT (2/3)]

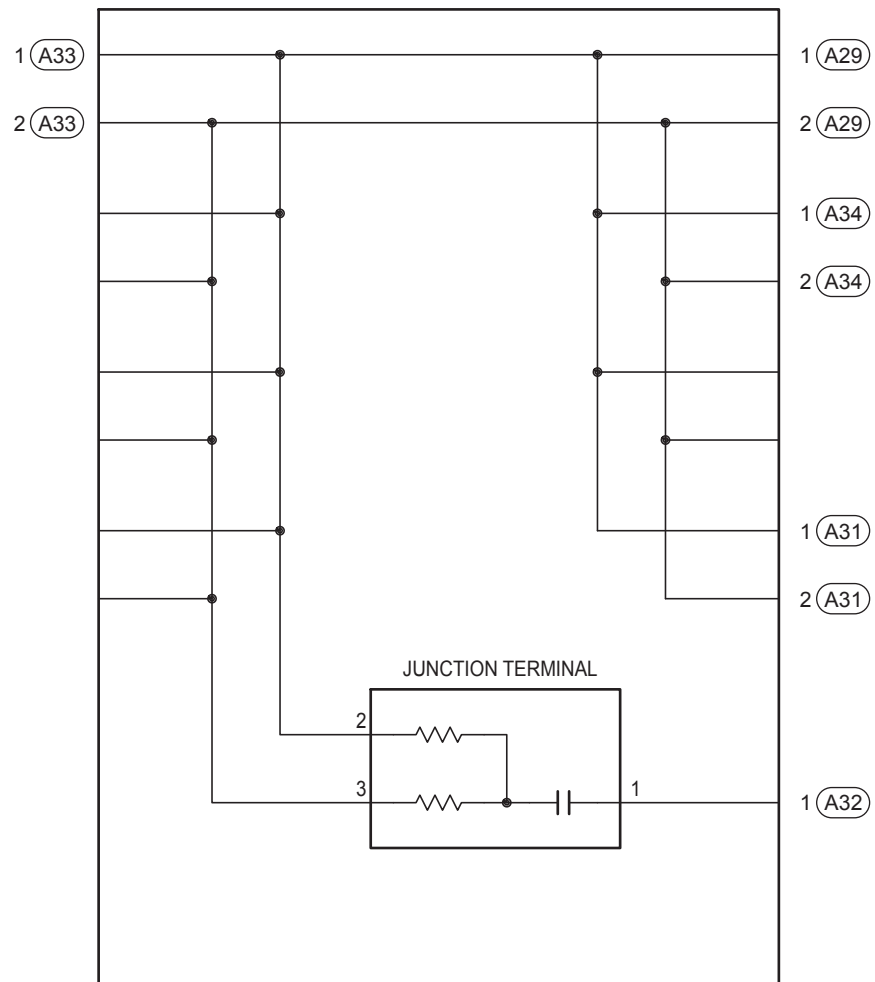


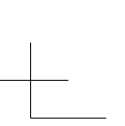
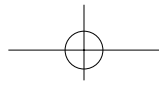
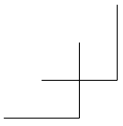
[J/B INNER CIRCUIT (3/3)]



RELAY LOCATIONS

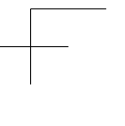
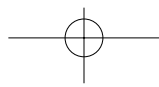
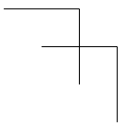
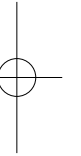
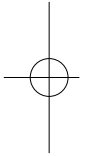
[CAN JOINT CONNECTOR INNER CIRCUIT]

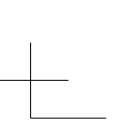
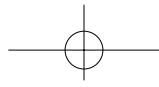
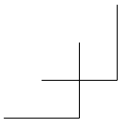




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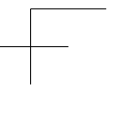
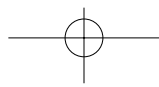
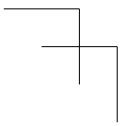
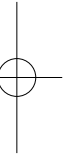
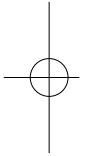
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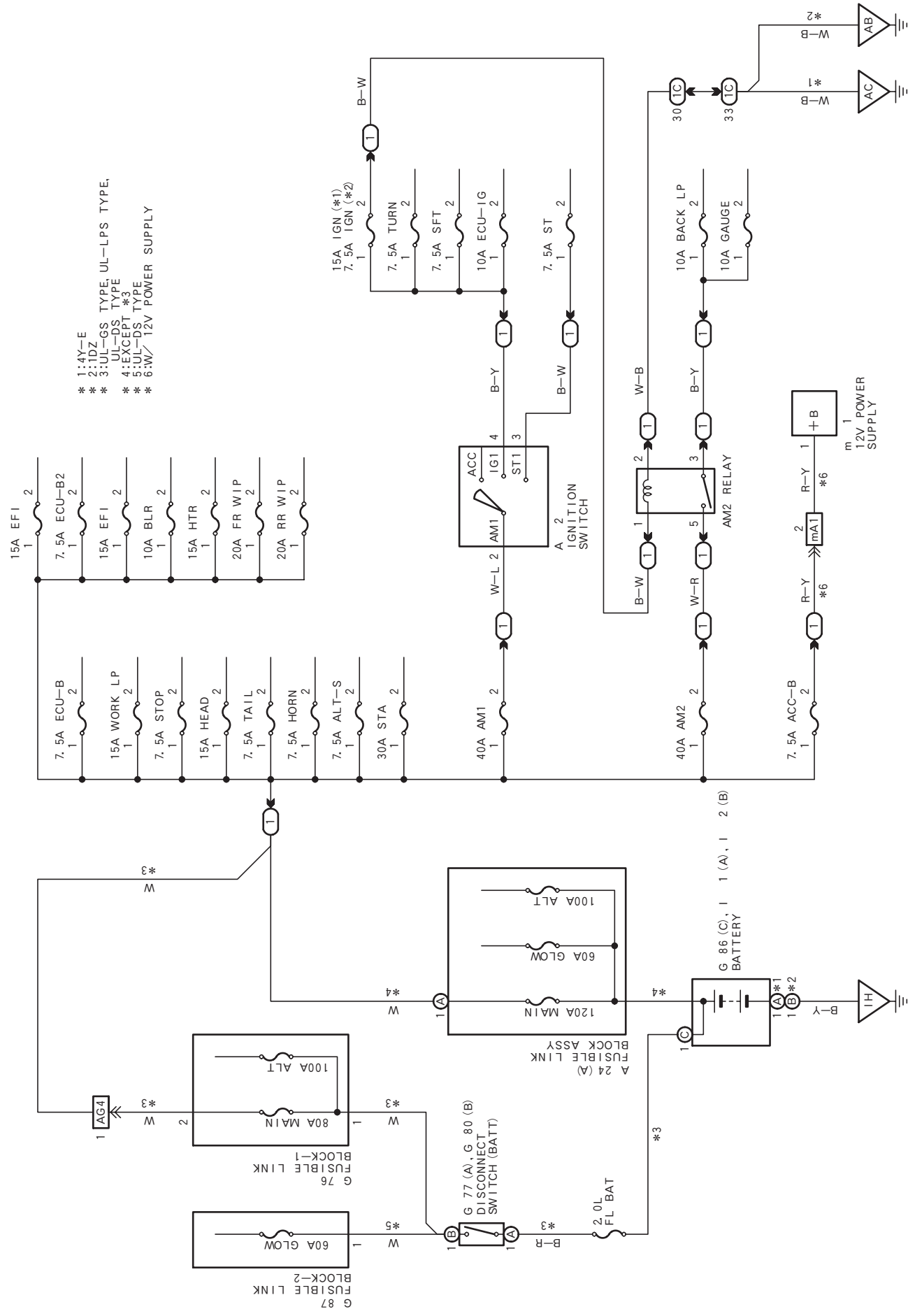


## CHAPTER 3 SYSTEM CIRCUITS

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**E3**

POWER SOURCE



## POWER SOURCE

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 2	E2-6	G 77	E2-2,4	G 87	E2-4	m 1	E2-6
A 24	E2-8,16	G 80	E2-2,4	I 1	E2-2		
G 76	E2-2,4	G 86	E2-2	I 2	E2-4		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1C	E2-8,18	BODY MAIN WIRE to J/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AG4	E2-8	BODY MAIN WIRE to ENGINE WIRE
mA1	E2-6	INSTRUMENT PANEL WIRE to BODY MAIN WIRE

## EARTH

Code	See Page	Name
AB	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AC	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
IH	E2-2,4	REAR PILLAR LEFT UNDER EARTH



## CHARGING

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
G 1	E2-4	G 24	E2-2,4,16	G 78	E2-2,4		
G 2	E2-2	G 75	E2-2,4	G 79	E2-2,4		
G 4	E2-2,4	G 76	E2-2,4	Q 1	E2-6		

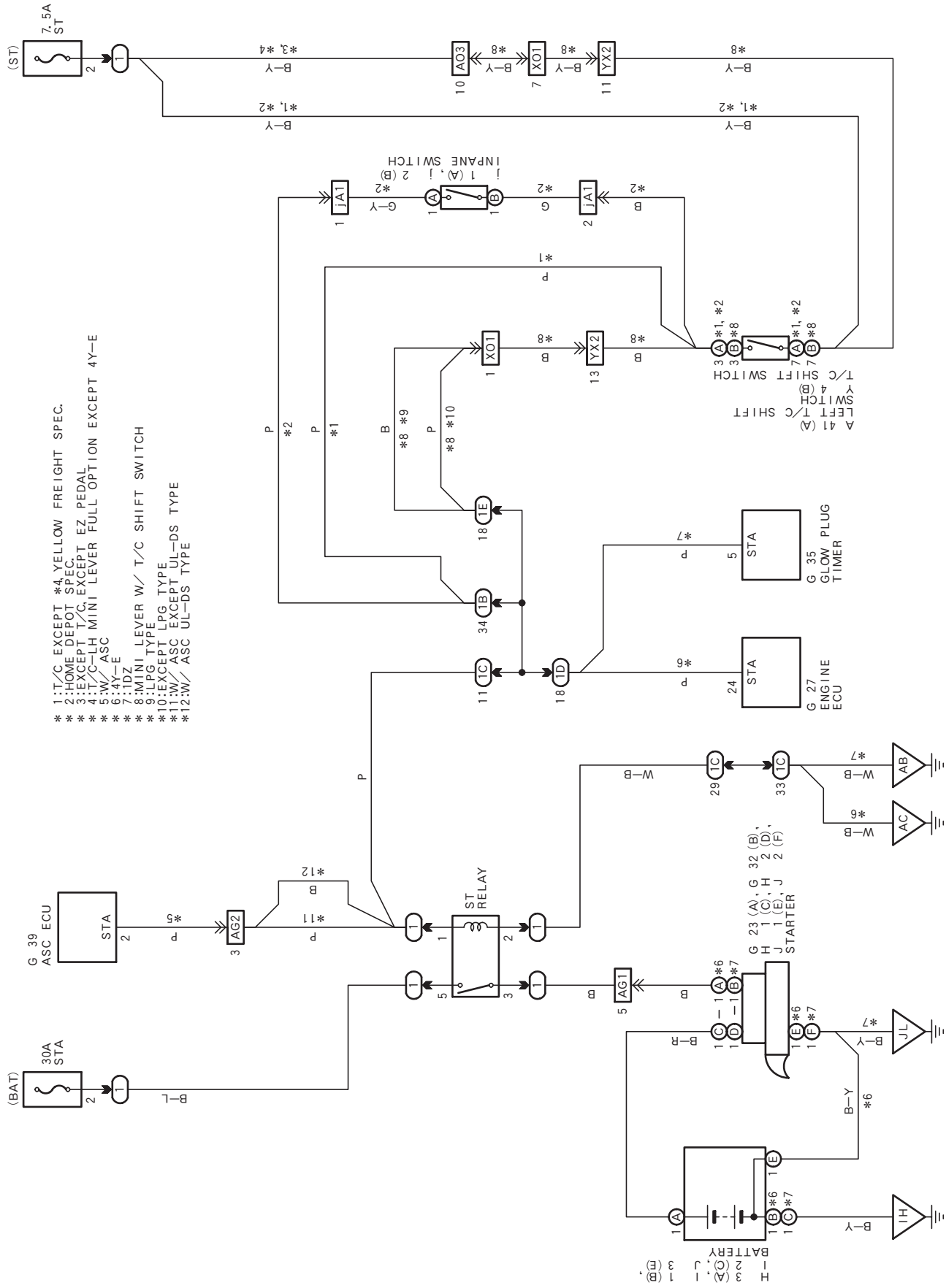
## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1D	E2-8,18	ENGINE WIRE to J/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AG1	E2-8	BODY MAIN WIRE to ENGINE WIRE
QA1	E2-6	INSTRUMENT PANEL WIRE to BODY MAIN WIRE

STARTING



- 1: T/C EXCEPT \*4, YELLOW FREIGHT SPEC.
- 2: HOME DEPOT SPEC.
- 3: EXCEPT T/C, EXCEPT EZ PEDAL
- 4: T/C-LH MINI LEVER FULL OPTION EXCEPT 4Y-E
- 5: W/ASC
- 6: 4Y-E
- 7: 1DZ
- 8: MINI LEVER W/ T/C SHIFT SWITCH
- 9: LPG TYPE
- 10: EXCEPT LPG TYPE
- 11: W/ASC EXCEPT UL-DS TYPE
- 12: W/ASC UL-DS TYPE

## STARTING

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 41	E2-6	G 39	E2-8	I 2	E2-4	j 1	E2-6
G 23	E2-2	H 1	E2-2	J 1	E2-2	j 2	E2-6
G 27	E2-8	H 2	E2-4	J 2	E2-4		
G 32	E2-4	H 3	E2-2,4	J 3	E2-2		
G 35	E2-8	I 1	E2-2	Y 4	E2-12		

## RELAY BLOCK , JUNCTION BLOCK

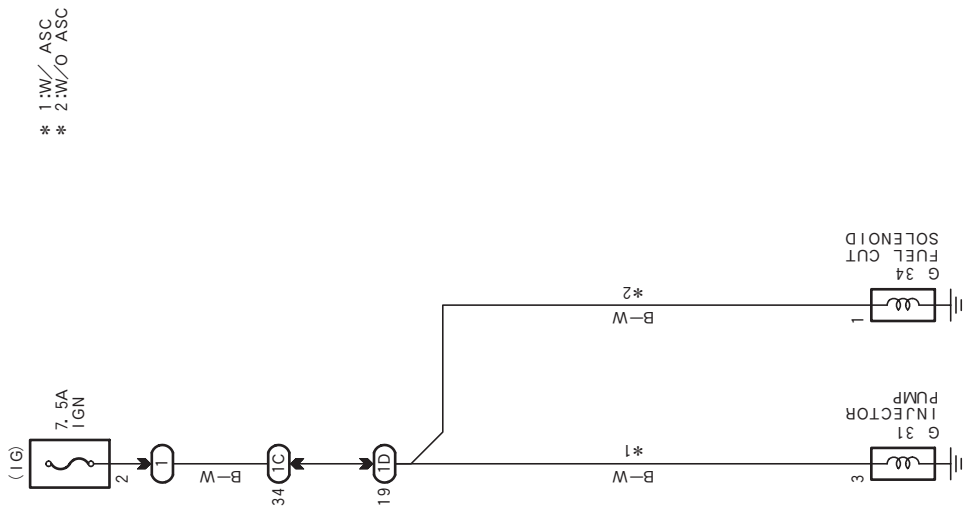
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1D	E2-8,18	ENGINE WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AG1	E2-8	BODY MAIN WIRE to ENGINE WIRE
AG2	E2-8	BODY MAIN WIRE to ENGINE WIRE
AO3	E2-8	BODY MAIN WIRE to SIDE LH WIRE
XO1	E2-12	HOOD MAIN WIRE to SIDE LH WIRE
YX2	E2-12	HOOD SUB NO.1 WIRE to HOOD MAIN WIRE
jA1	E2-6	INSTRUMENT PANEL SW WIRE to BODY MAIN WIRE

## EARTH

Code	See Page	Name
AB	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AC	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
IH	E2-2,4	REAR PILLAR LEFT UNDER EARTH
JL	E2-4	FRONT PLATE LEFT INSIDE EARTH





## FUEL

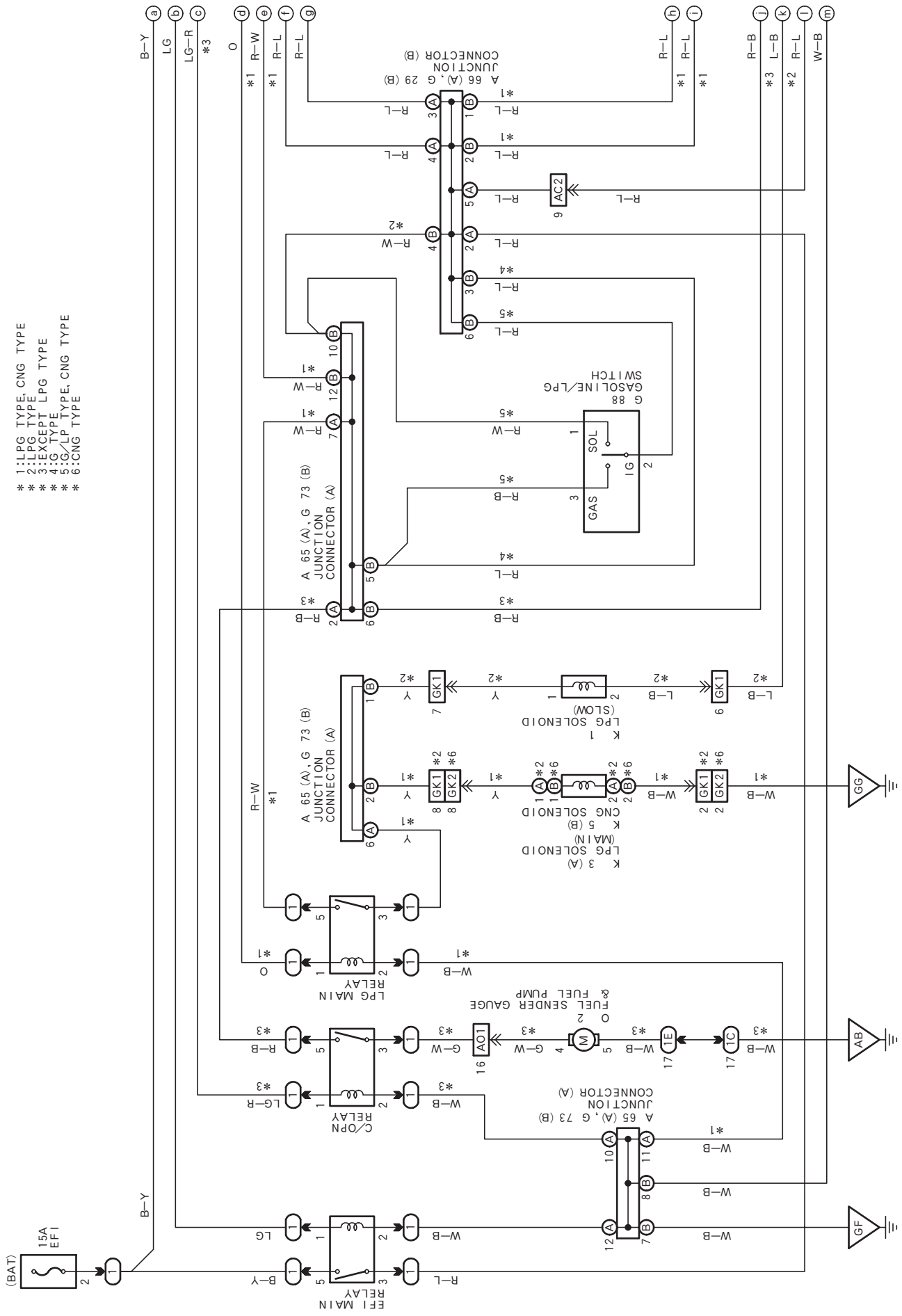
## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
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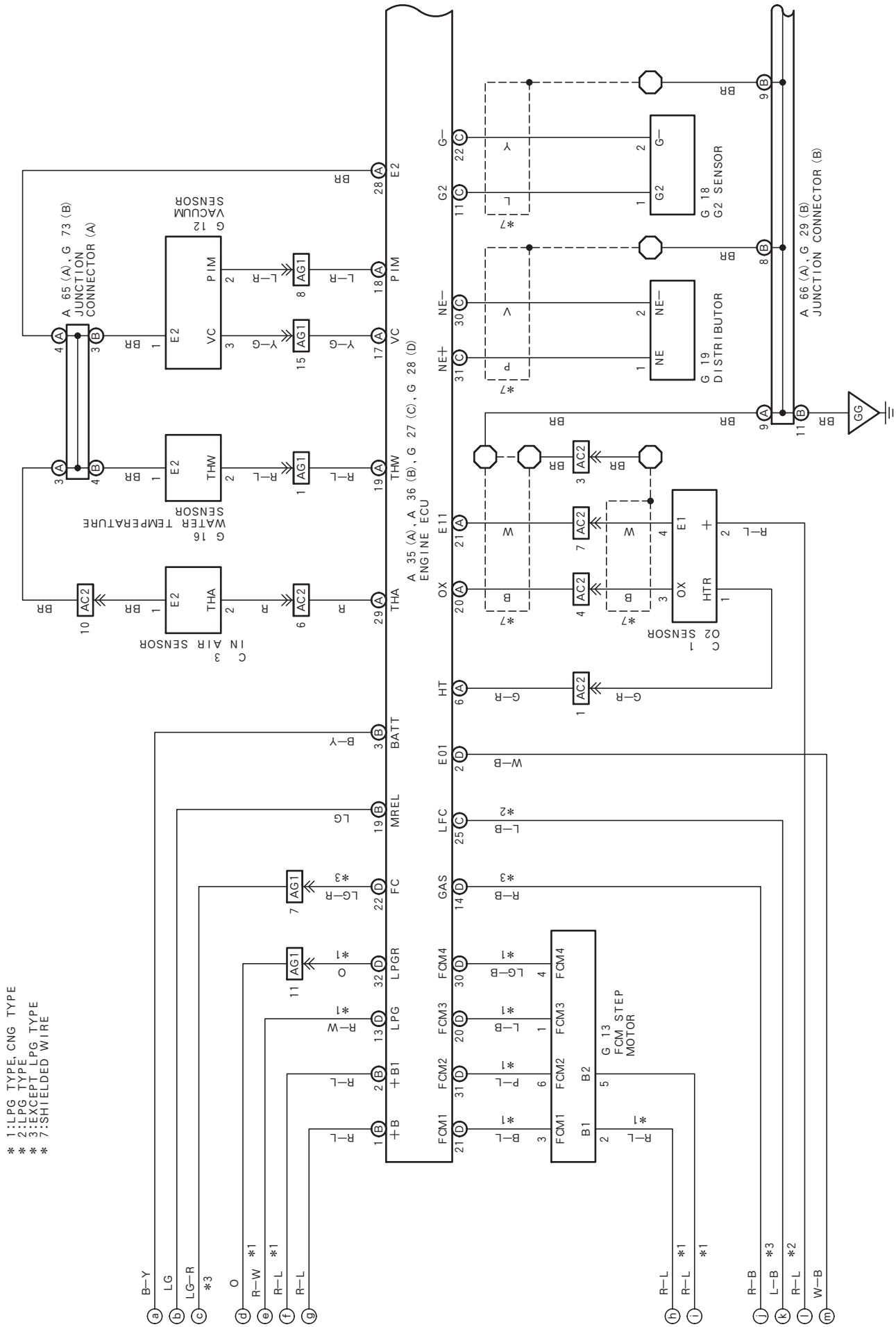
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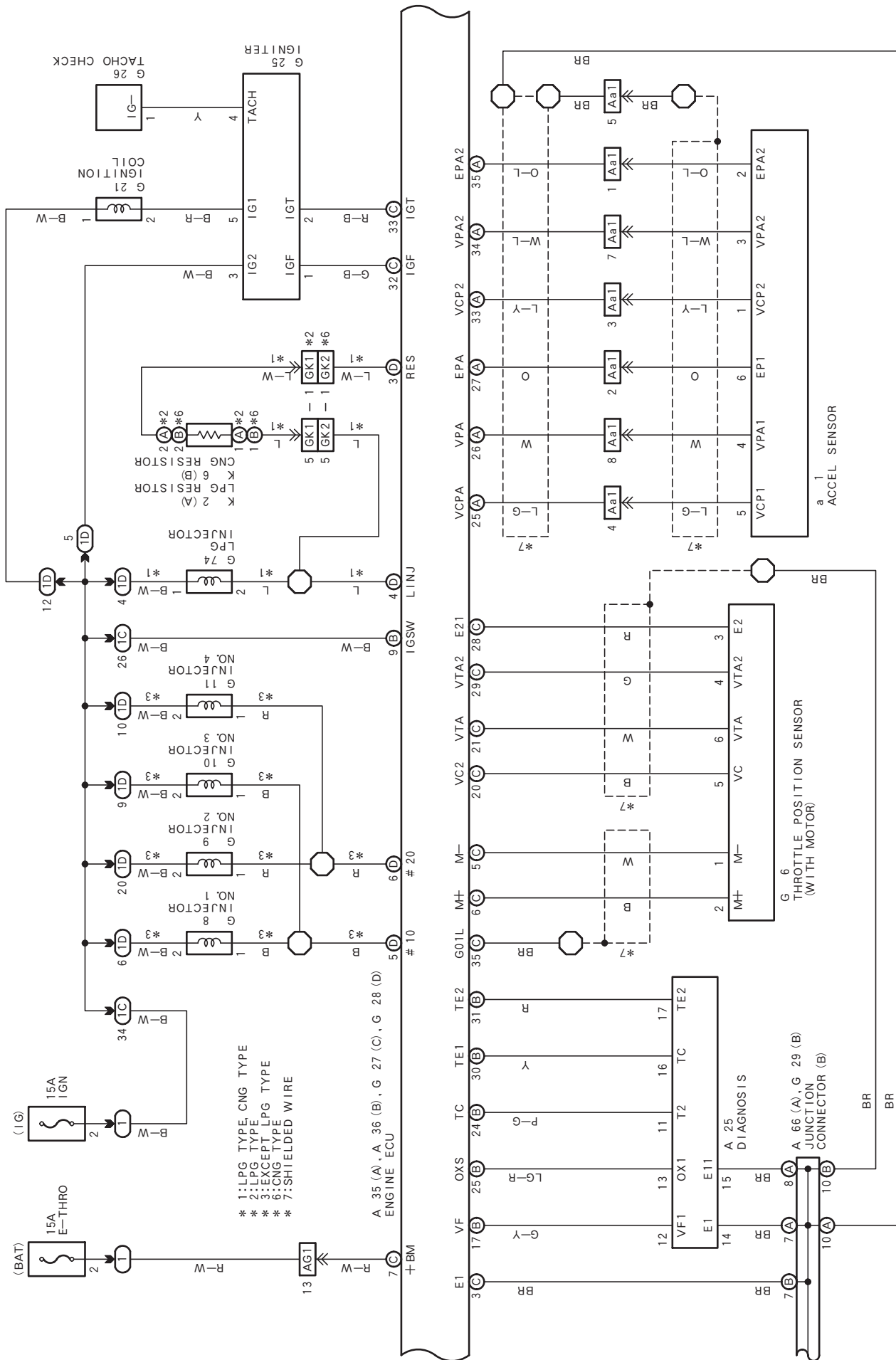
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1D	E2-8,18	ENGINE WIRE to J/B

ENGINE CONTROL (4Y-E)

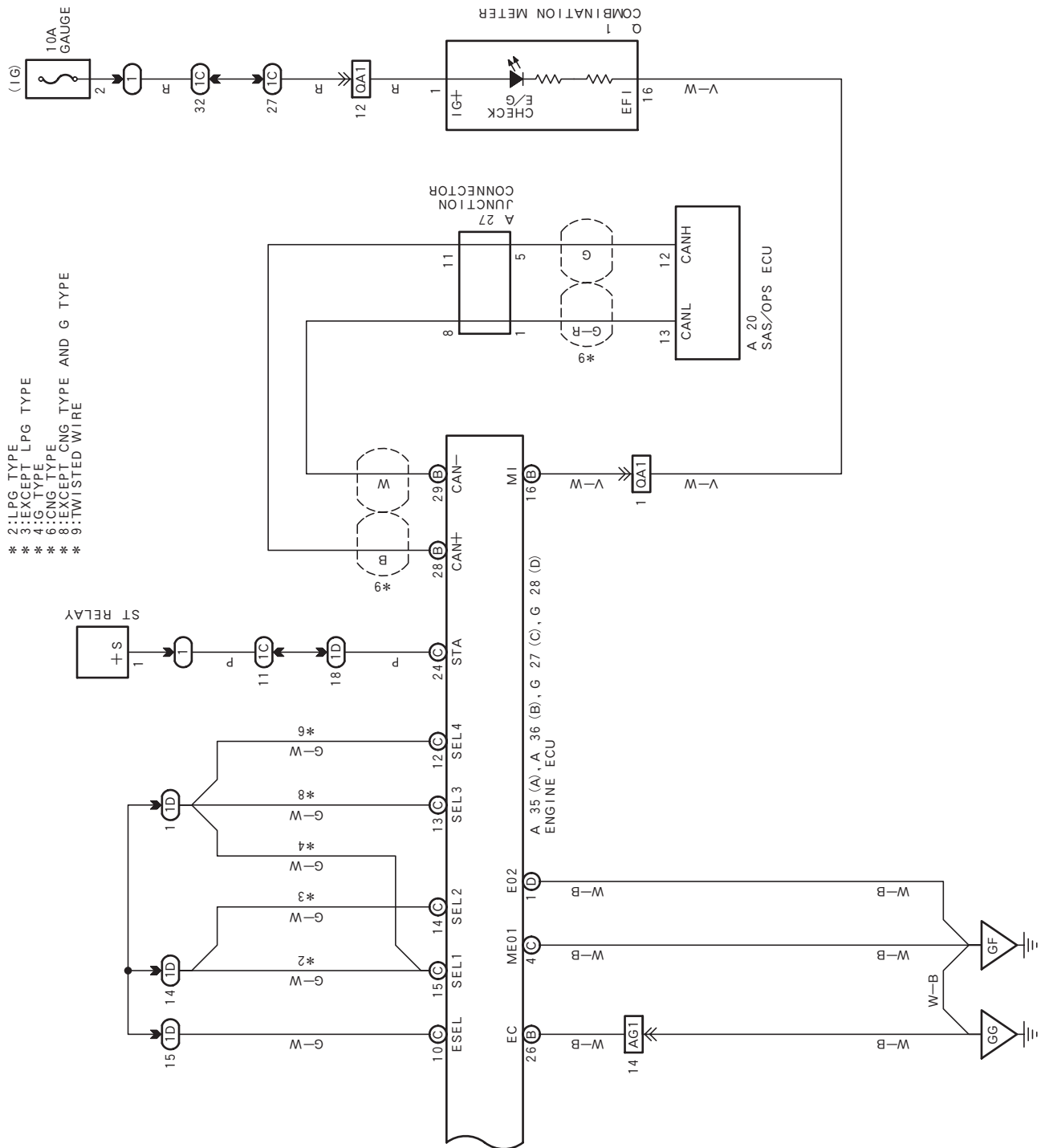


ENGINE CONTROL (4Y-E)





ENGINE CONTROL (4Y-E)



- \* 2: LPG TYPE
- \* 3: EXCEPT LPG TYPE
- \* 4: IG TYPE
- \* 6: CNG TYPE
- \* 8: EXCEPT CNG TYPE AND G TYPE
- \* 9: TWISTED WIRE

## ENGINE CONTROL (4Y-E)

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 20	E2-6	G 6	E2-2	G 19	E2-2	G 88	E2-2
A 25	E2-8	G 8	E2-2	G 21	E2-2	K 1	E2-2
A 27	E2-8	G 9	E2-2	G 25	E2-2	K 2	E2-2
A 35	E2-8	G 10	E2-2	G 26	E2-2	K 3	E2-2
A 36	E2-8	G 11	E2-2	G 27	E2-8	K 5	E2-2
A 65	E2-8	G 12	E2-2	G 28	E2-8	K 6	E2-2
A 66	E2-8	G 13	E2-2	G 29	E2-8	O 2	E2-12
C 1	E2-14	G 16	E2-2	G 73	E2-8	Q 1	E2-6
C 3	E2-14	G 18	E2-2	G 74	E2-2	a 1	E2-6

## RELAY BLOCK , JUNCTION BLOCK

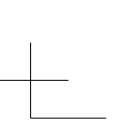
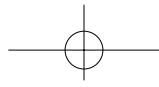
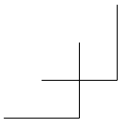
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1D	E2-8,18	ENGINE WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AC2	E2-8	BODY MAIN WIRE to SIDE RH WIRE
AG1	E2-8	BODY MAIN WIRE to ENGINE WIRE
AO1	E2-8	BODY MAIN WIRE to SIDE LH WIRE
Aa1	E2-6	BODY MAIN WIRE to SUB ACCEL WIRE
GK1	E2-2	ENGINE WIRE to ENGINE SUB WIRE
GK2	E2-2	ENGINE WIRE to ENGINE SUB WIRE
QA1	E2-6	INSTRUMENT PANEL WIRE to BODY MAIN WIRE

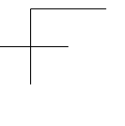
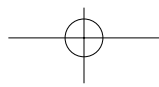
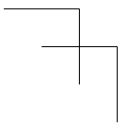
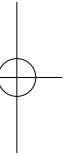
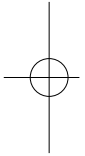
## EARTH

Code	See Page	Name
AB	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
GF	E2-2	ENGINE UPPER EARTH
GG	E2-2	ENGINE UPPER EARTH



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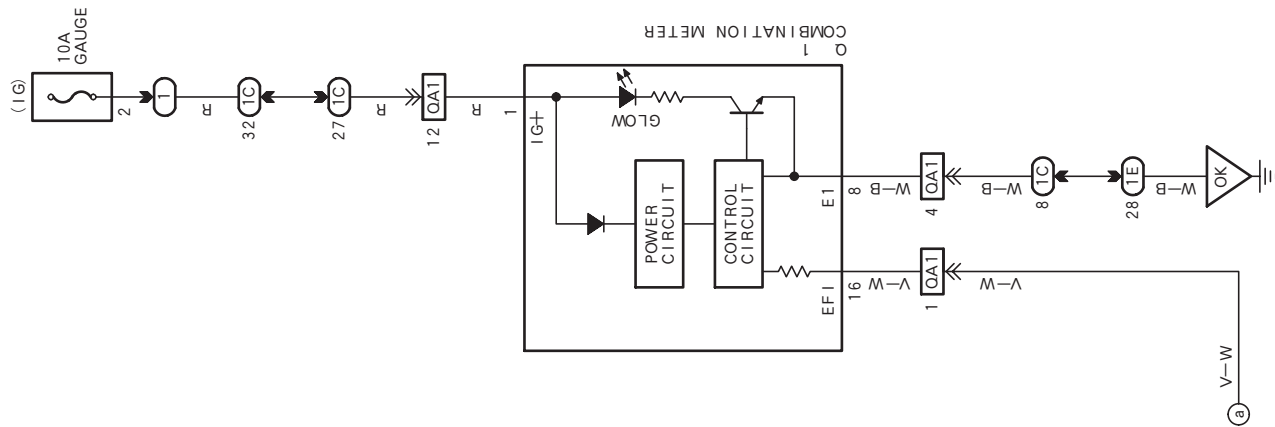
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GLOW



**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 41	E2-6	G 30	E2-4	G 75	E2-2,4	G 85	E2-4
G 4	E2-2,4	G 33	E2-4	G 82	E2-4	G 87	E2-4
G 17	E2-4	G 35	E2-8	G 83	E2-4	Q 1	E2-6
G 24	E2-2,4,16	G 43	E2-8	G 84	E2-4	Y 4	E2-12

**RELAY BLOCK , JUNCTION BLOCK**

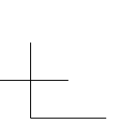
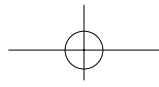
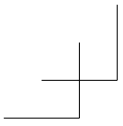
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1D	E2-8,18	ENGINE WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
AG1	E2-8	BODY MAIN WIRE to ENGINE WIRE
AO3	E2-8	BODY MAIN WIRE to SIDE LH WIRE
QA1	E2-6	INSTRUMENT PANEL WIRE to BODY MAIN WIRE
XO1	E2-12	HOOD MAIN WIRE to SIDE LH WIRE
YX2	E2-12	HOOD SUB NO.1 WIRE to HOOD MAIN WIRE

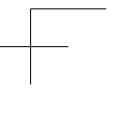
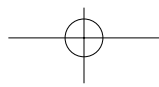
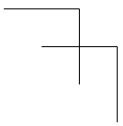
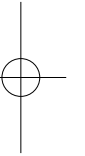
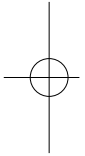
**EARTH**

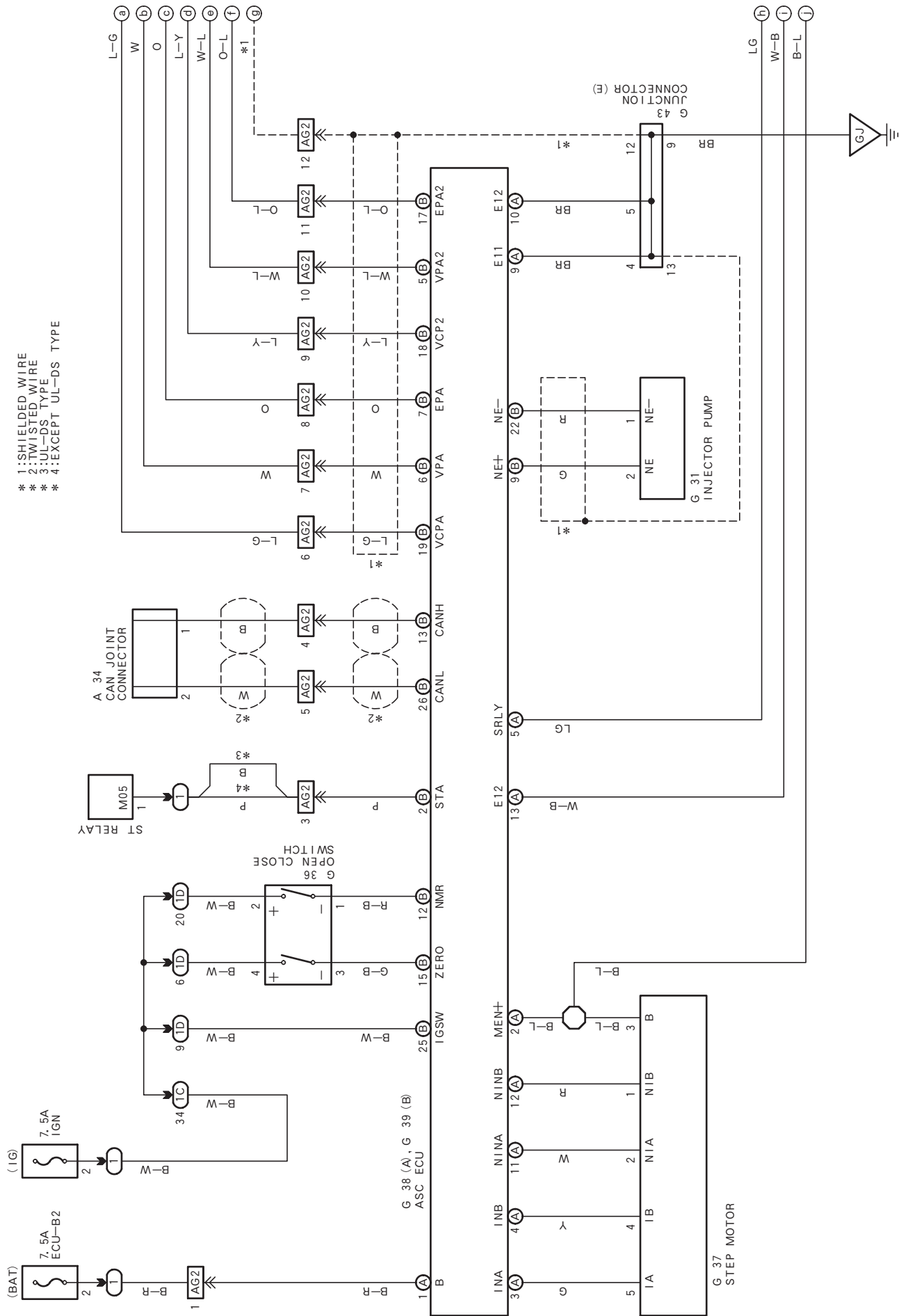
Code	See Page	Name
GJ	E2-4	JUNCTION BLOCK IN FRONT INSIDE EARTH
OK	E2-12	REAR PILLAR LEFT UNDER EARTH

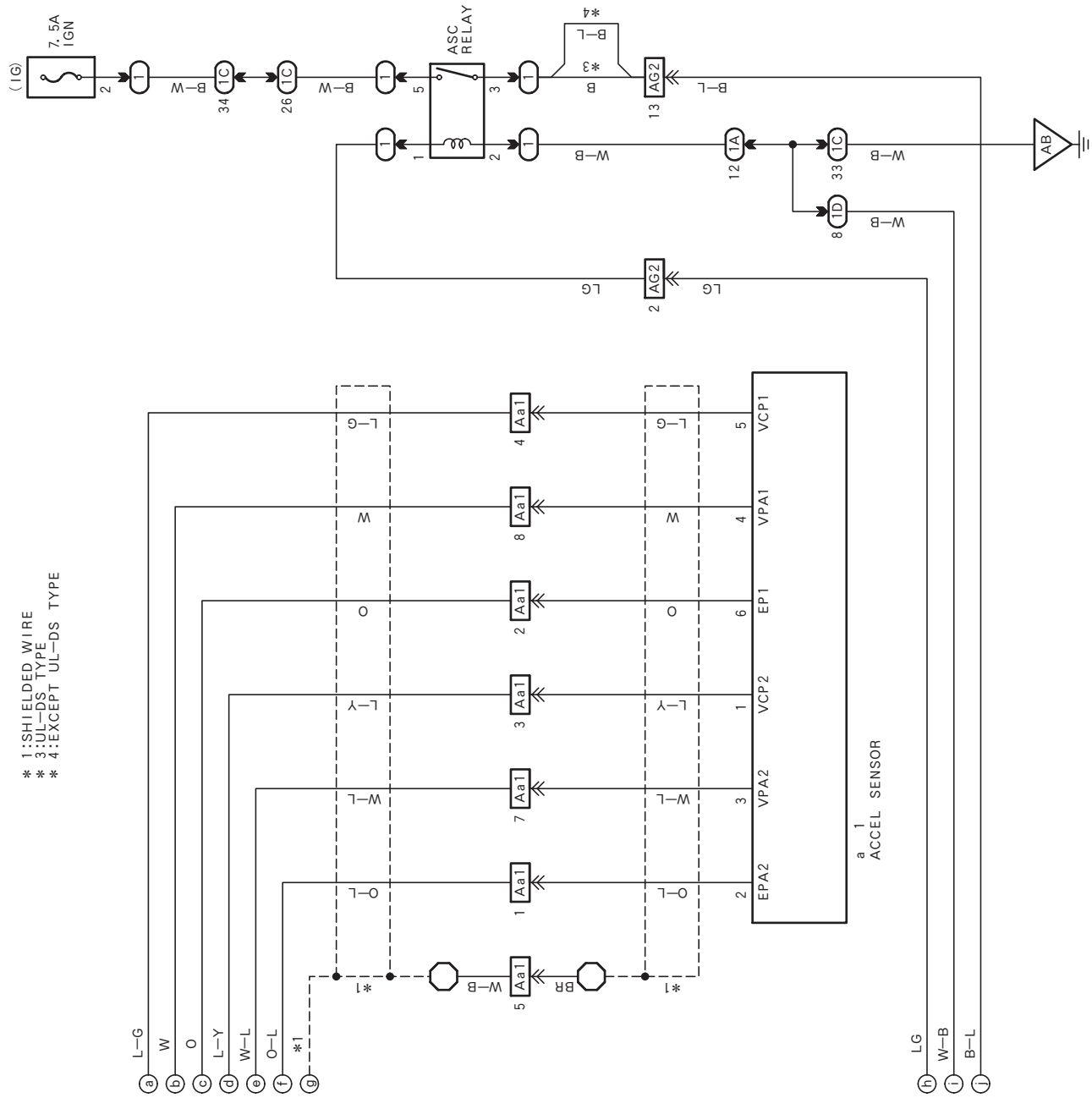


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**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 34	E2-8,19	G 36	E2-4	G 38	E2-8	G 43	E2-8
G 31	E2-4	G 37	E2-4	G 39	E2-8	a 1	E2-6

**RELAY BLOCK , JUNCTION BLOCK**

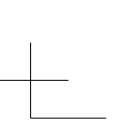
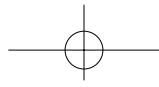
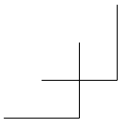
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1D	E2-8,18	ENGINE WIRE to J/B

**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
AG2	E2-8	BODY MAIN WIRE to ENGINE WIRE
Aa1	E2-6	BODY MAIN WIRE to SUB ACCEL WIRE

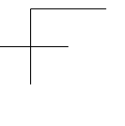
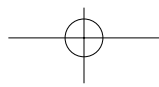
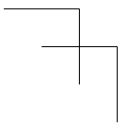
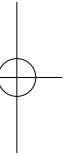
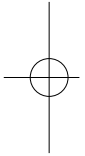
**EARTH**

Code	See Page	Name
AB	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
GJ	E2-4	JUNCTION BLOCK IN FRONT INSIDE EARTH



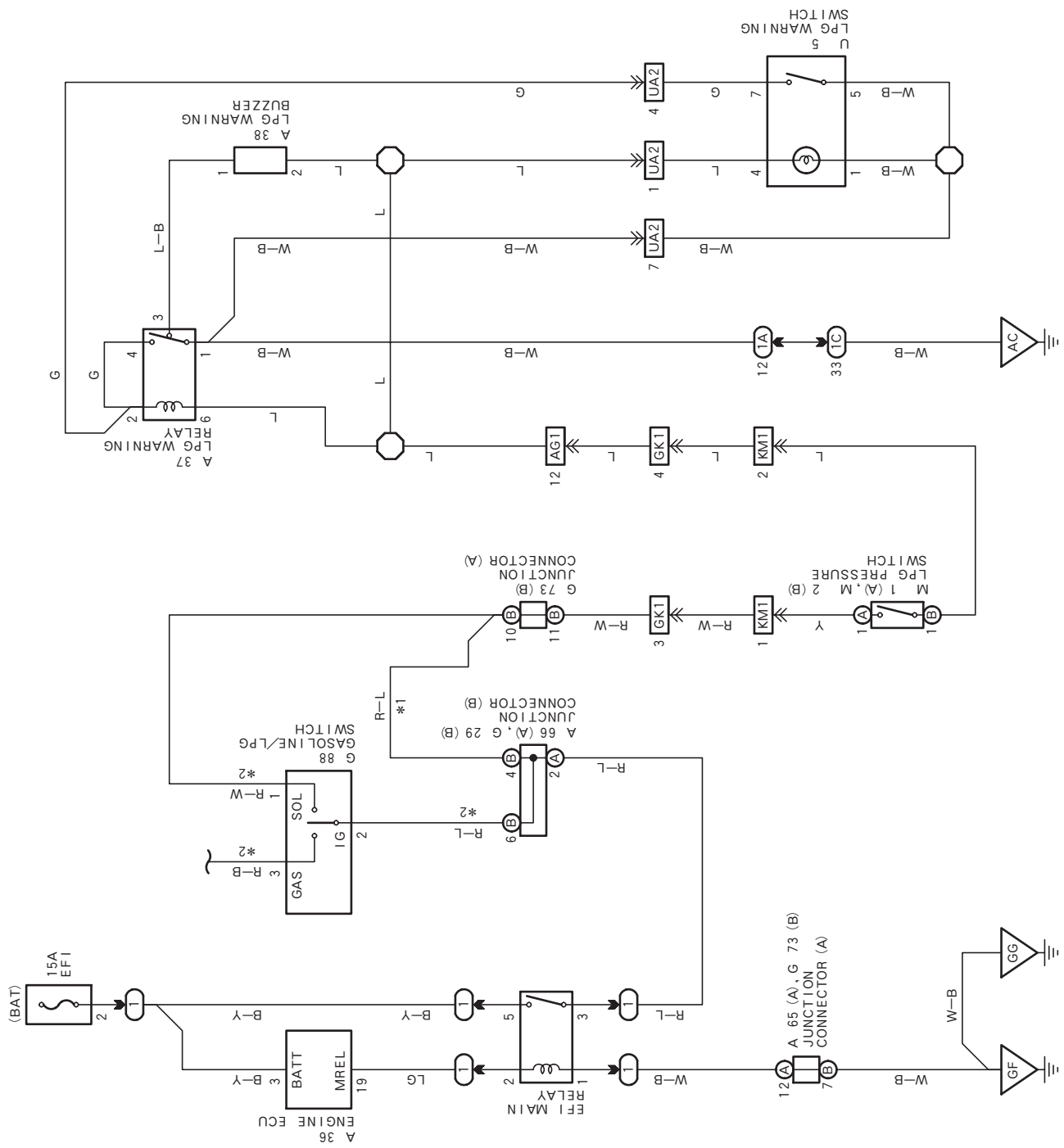
MEMO

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LPG WARNING SYSTEM (4Y-E)

\* 1: LPG TYPE  
 \* 2: G/LP TYPE





## LPG WARNING SYSTEM (4Y-E)

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 36	E2-8	A 65	E2-8	G 73	E2-8	M 2	E2-2
A 37	E2-8	A 66	E2-8	G 88	E2-2	U 5	E2-10
A 38	E2-8	G 29	E2-8	M 1	E2-2		

**RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B

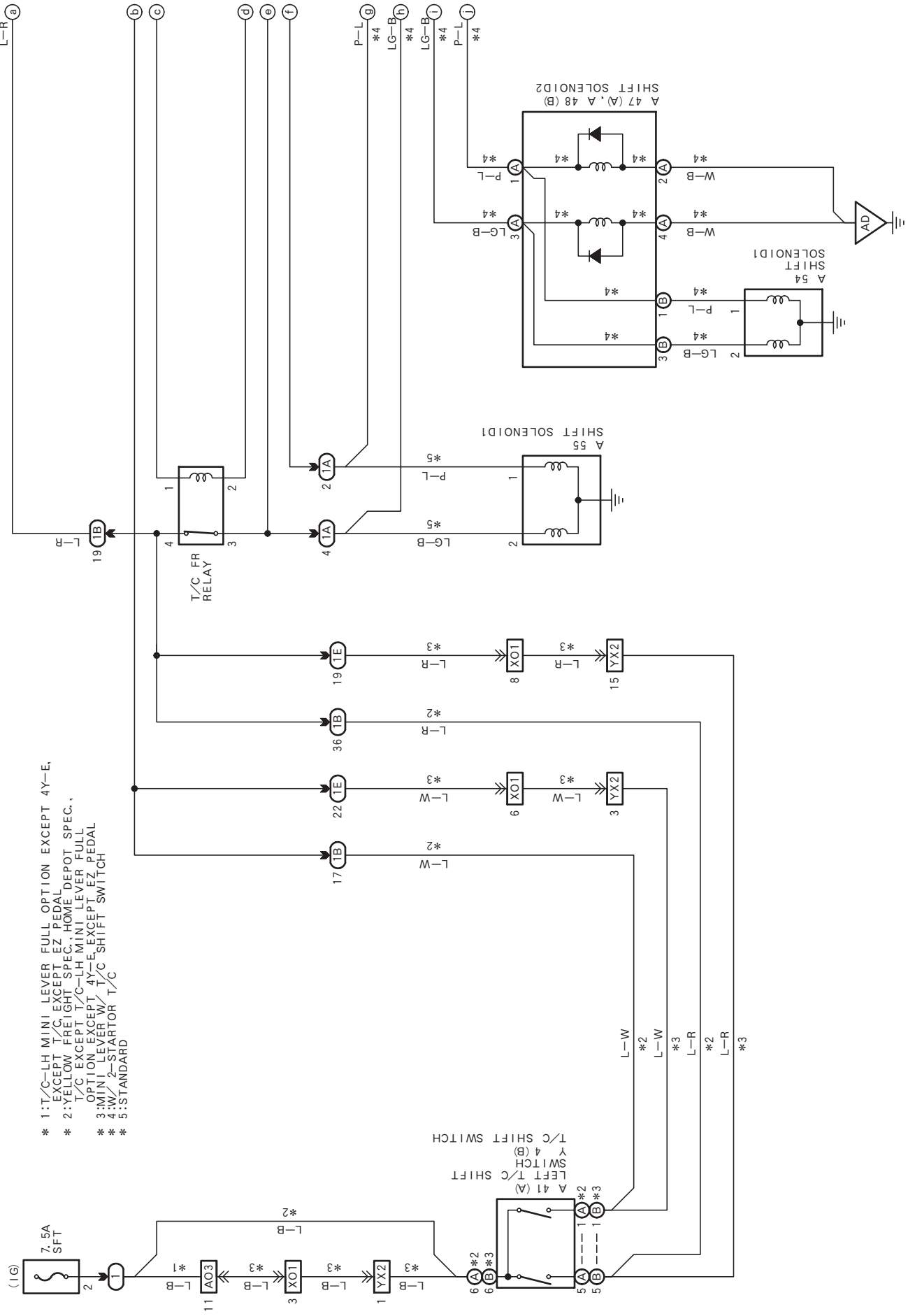
**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
AG1	E2-8	BODY MAIN WIRE to ENGINE WIRE
GK1	E2-2	ENGINE WIRE to ENGINE SUB WIRE
KM1	E2-2	ENGINE SUB WIRE to LPG PRESSURE SWITCH WIRE
UA2	E2-10	HEAD GUARD SW WIRE to BODY MAIN WIRE

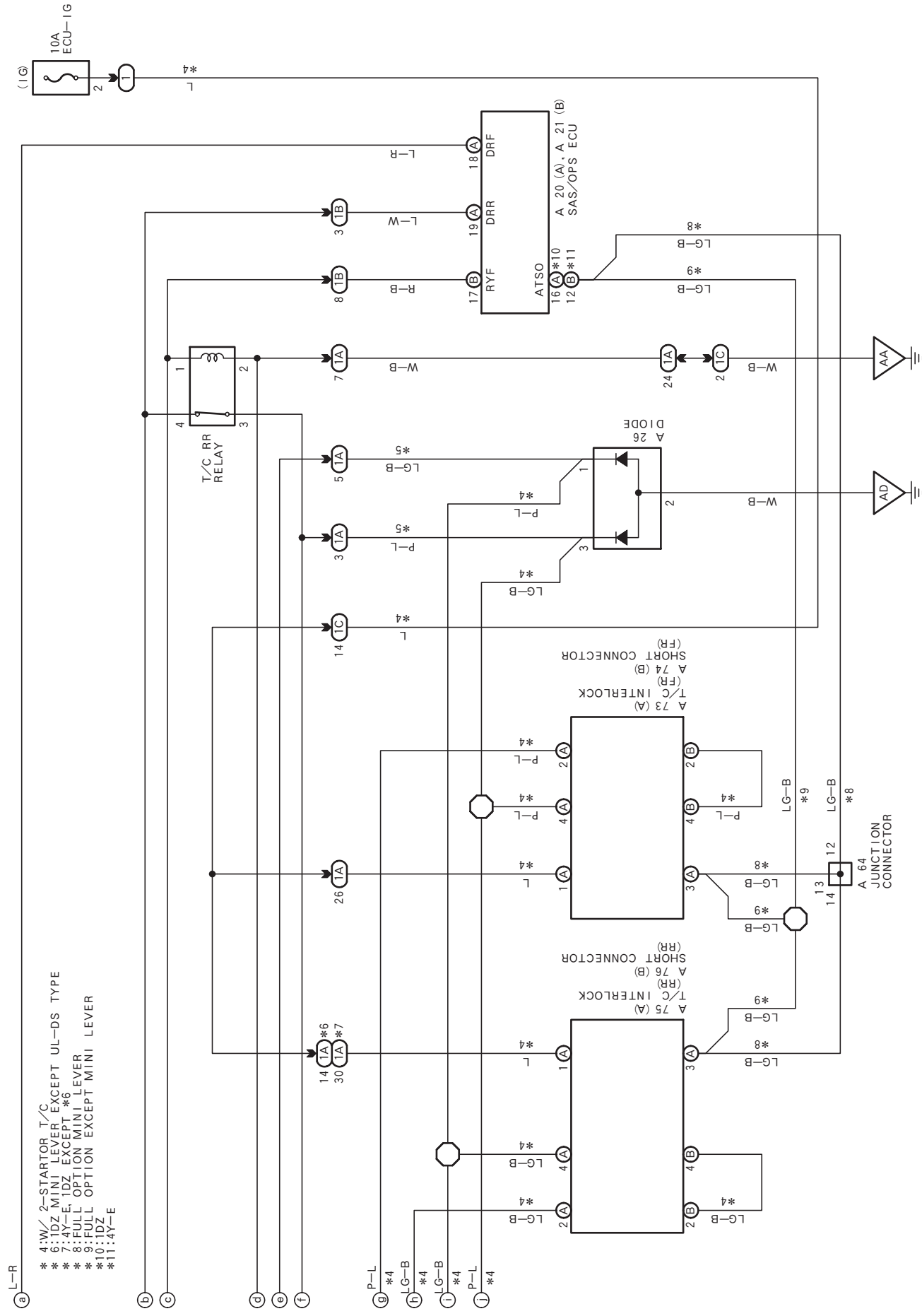
**EARTH**

Code	See Page	Name
AC	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
GF	E2-2	ENGINE UPPER EARTH
GG	E2-2	ENGINE UPPER EARTH

POWER SHIFT TRANSMISSION



POWER SHIFT TRANSMISSION



- \* 4:W/ 2-STARTOR T/C
- \* 9:IDZ(MINI) LEVER, EXCEPT UL-DS TYPE
- \* 6:4Y-E, IDZ, EXCEPT \*6
- \* 8:FULL OPTION(MINI) LEVER
- \* 10:IDZ
- \* 11:4Y-E

## POWER SHIFT TRANSMISSION

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 20	E2-6	A 47	E2-8	A 64	E2-8	A 76	E2-8
A 21	E2-6	A 48	E2-8	A 73	E2-8	Y 4	E2-12
A 26	E2-8	A 54	E2-8	A 74	E2-8		
A 41	E2-6	A 55	E2-8	A 75	E2-8		

## RELAY BLOCK , JUNCTION BLOCK

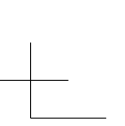
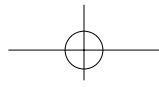
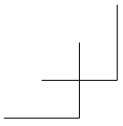
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AO3	E2-8	BODY MAIN WIRE to SIDE LH WIRE
XO1	E2-12	HOOD MAIN WIRE to SIDE LH WIRE
YX2	E2-12	HOOD SUB NO.1 WIRE to HOOD MAIN WIRE

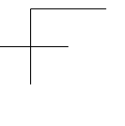
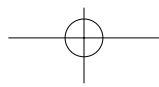
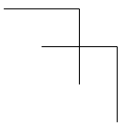
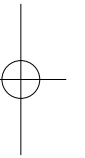
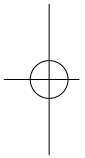
## EARTH

Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AD	E2-8	TRANSMISSION UPPER EARTH

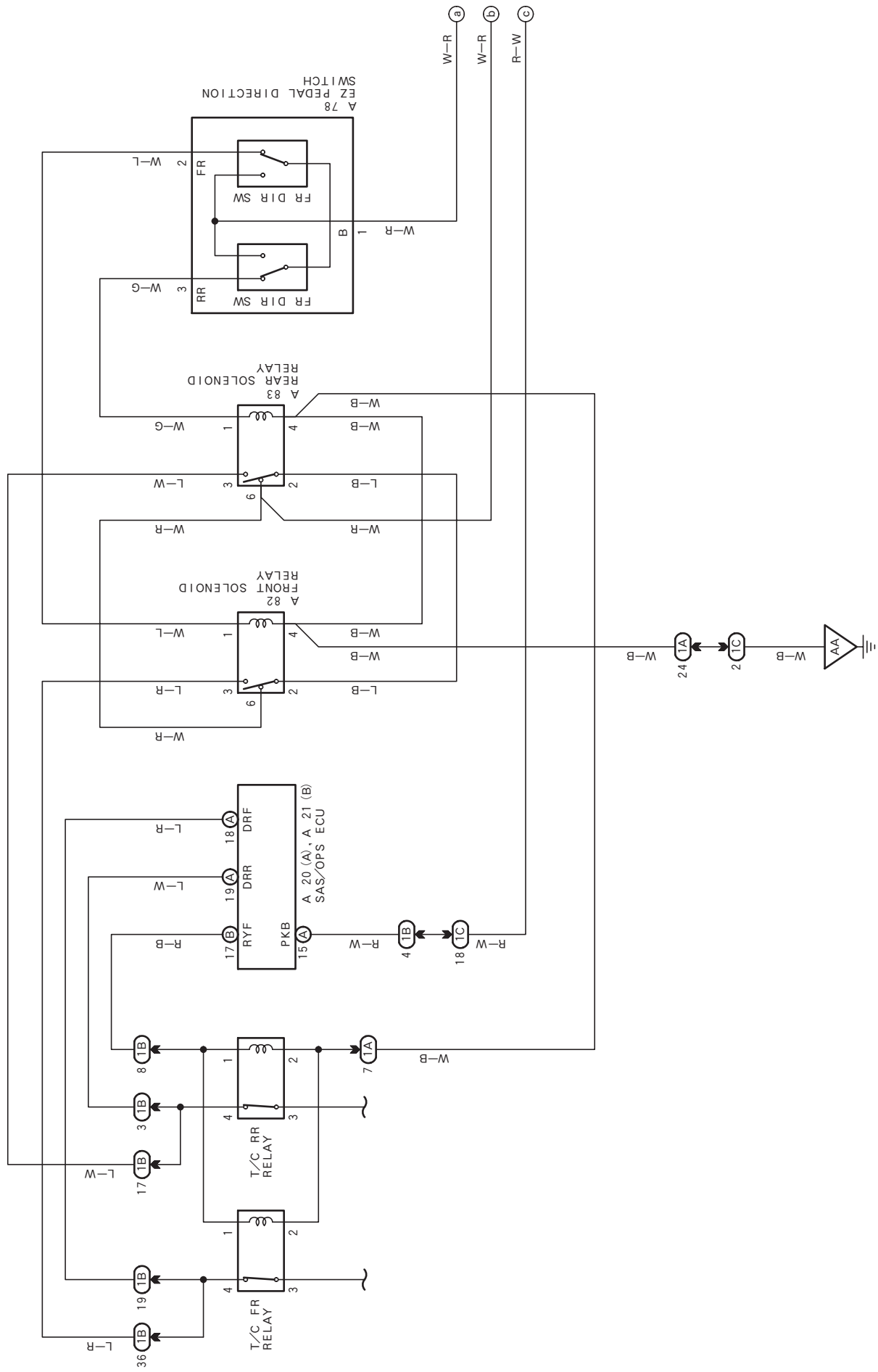


MEMO

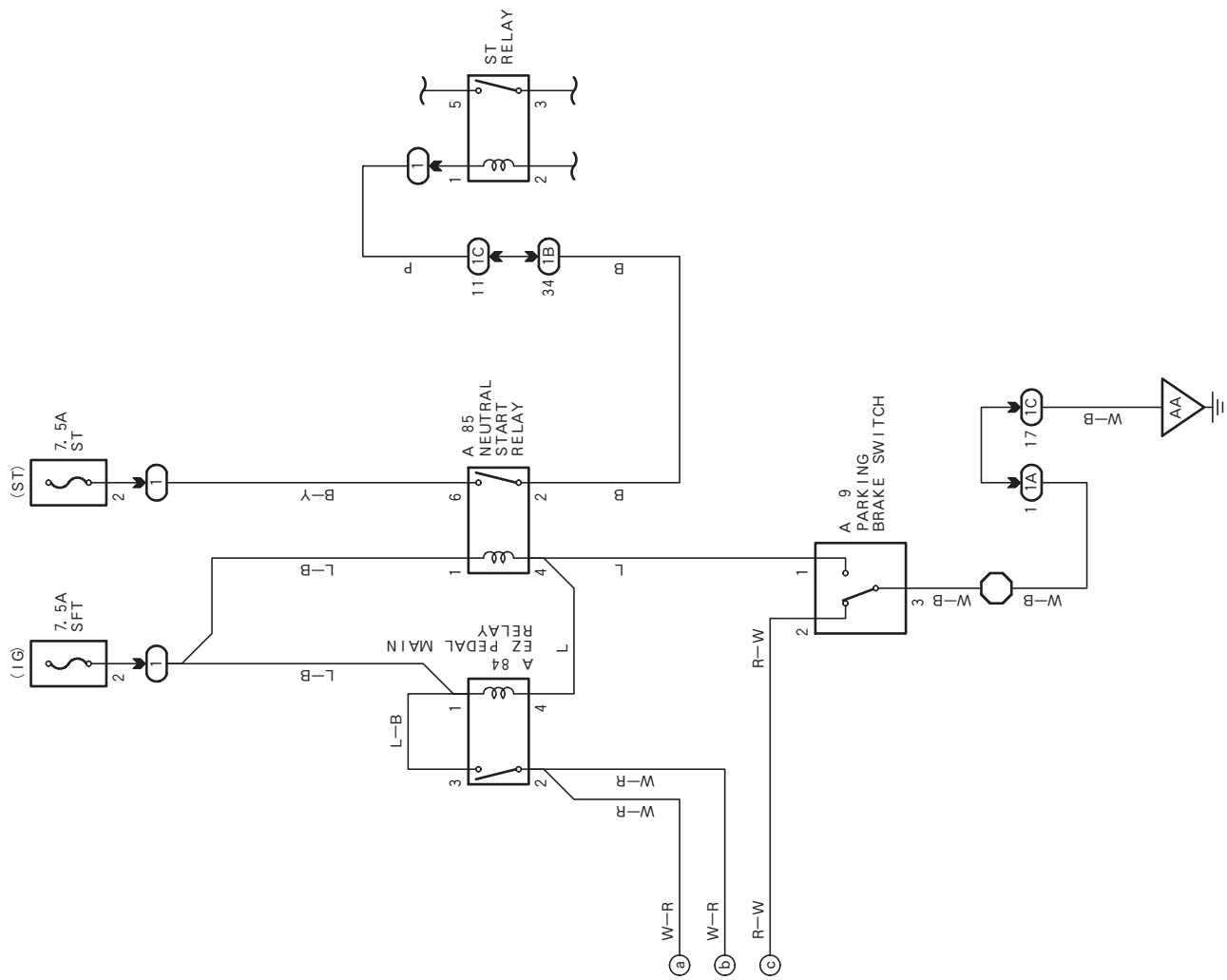
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EZ PEDAL



EZ PEDAL



**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 9	E2-6	A 21	E2-6	A 82	E2-8	A 84	E2-8
A 20	E2-6	A 78	E2-6	A 83	E2-8	A 85	E2-8

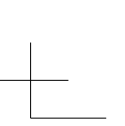
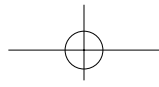
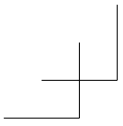
**RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B

**EARTH**

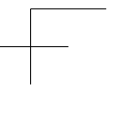
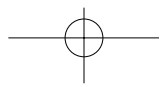
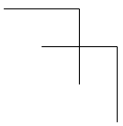
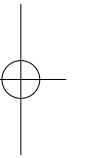
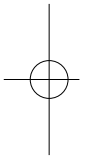
Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH



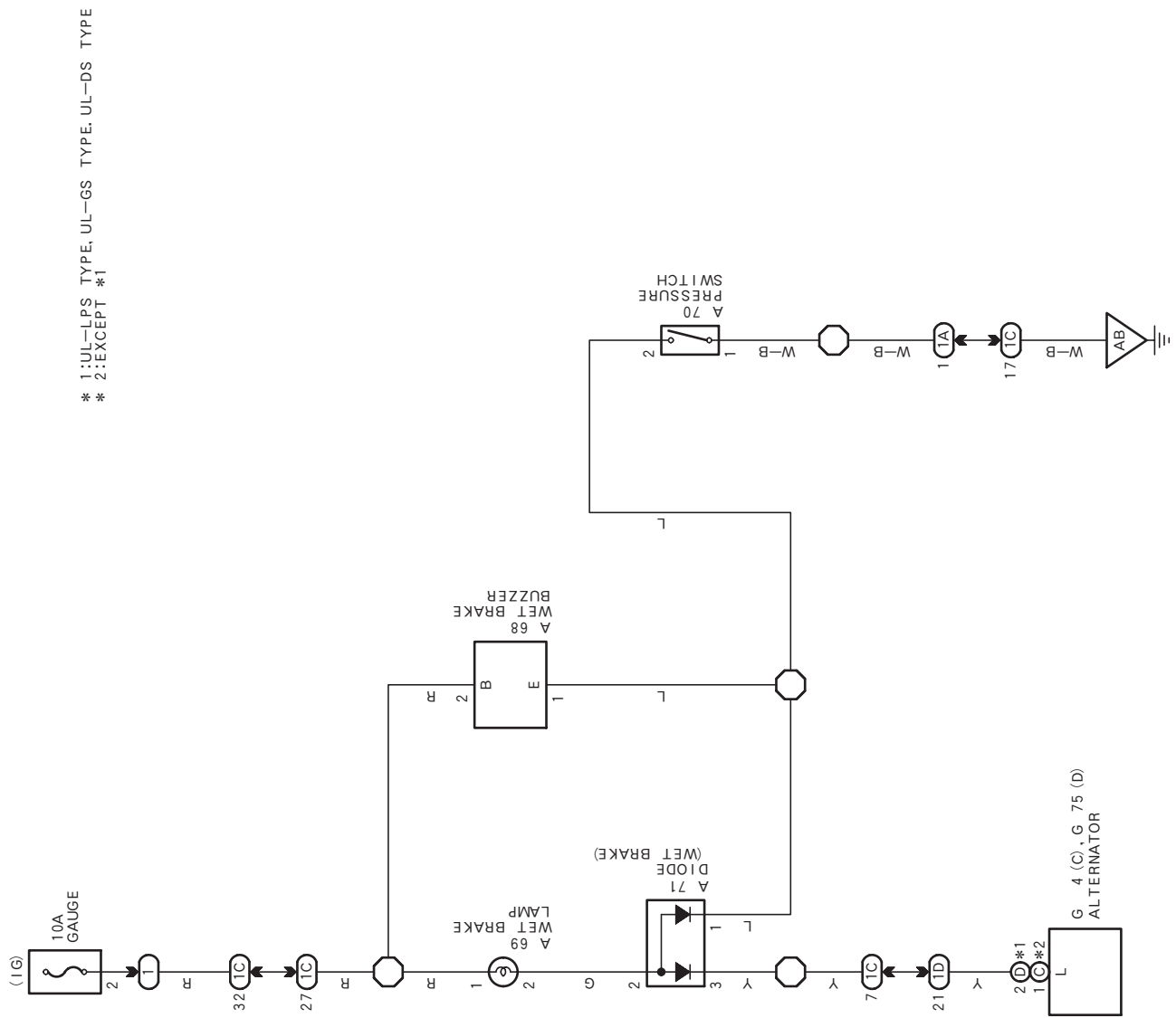


MEMO

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WET BRAKE



\* 1:UL-LPS TYPE, UL-GS TYPE, UL-DS TYPE  
\* 2:EXCEPT \*1

## WET BRAKE

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 68	E2-6	A 70	E2-6	G 4	E2-2,4		
A 69	E2-6	A 71	E2-8	G 75	E2-2,4		

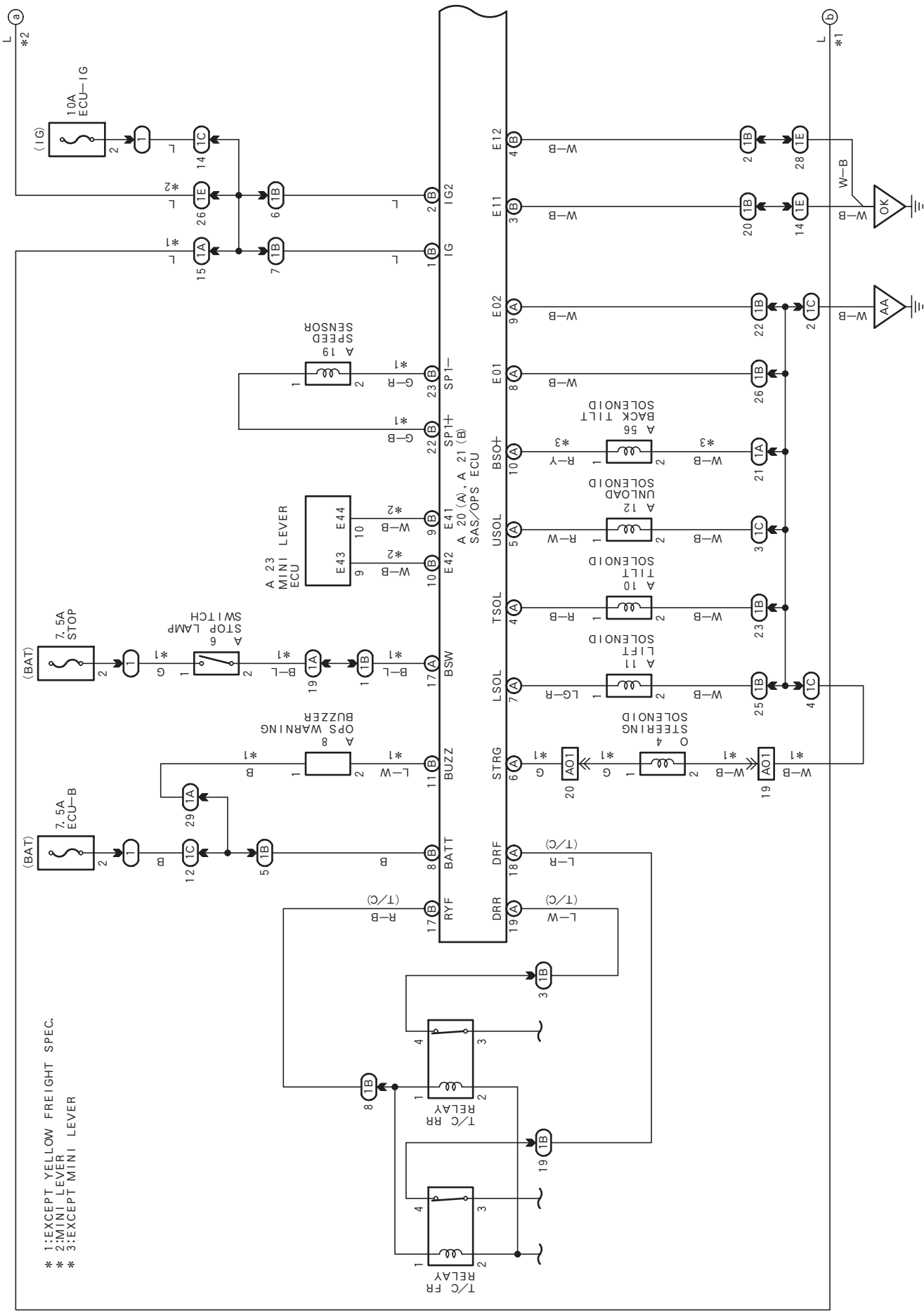
**RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1D	E2-8,18	ENGINE WIRE to J/B

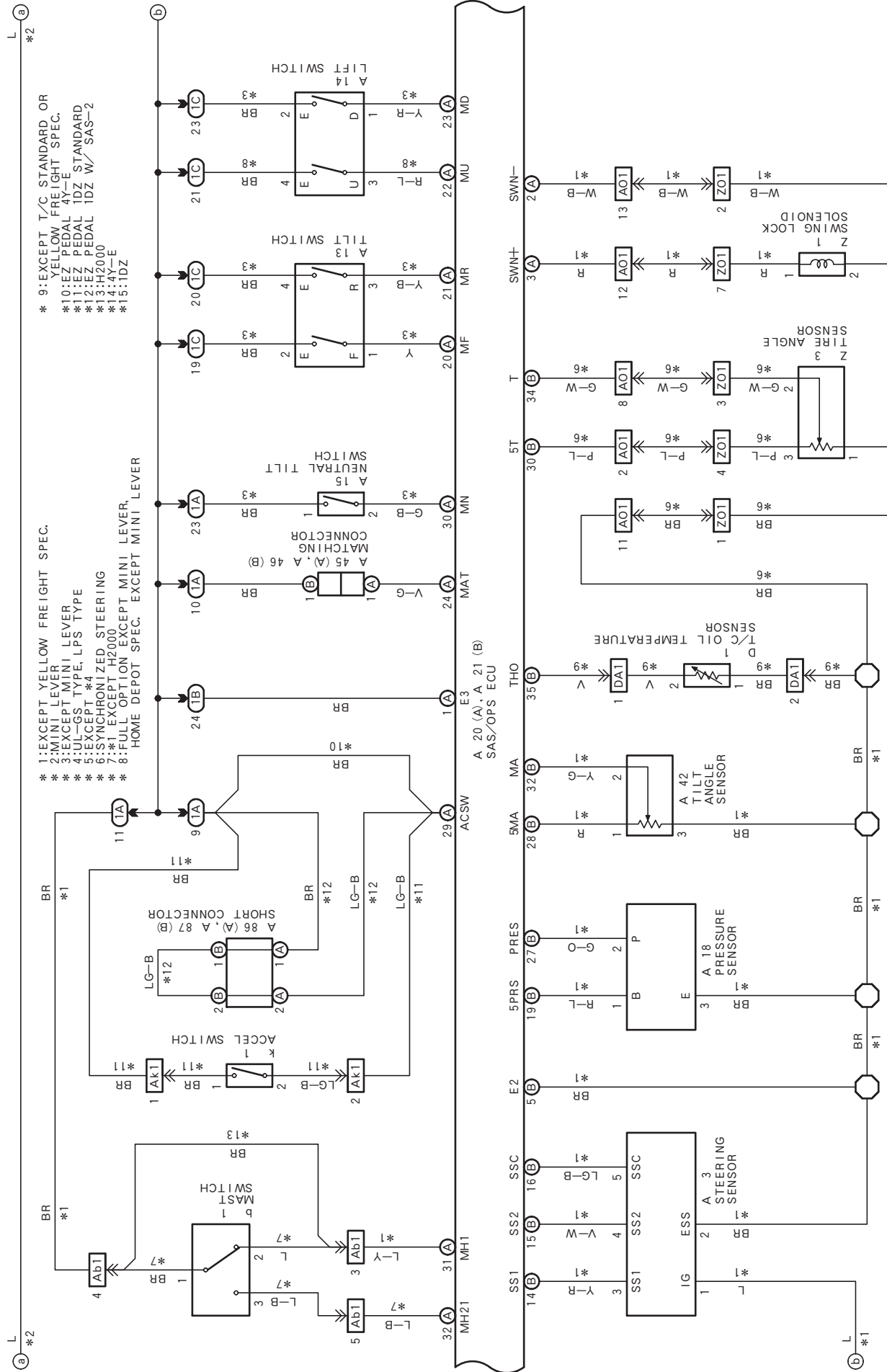
**EARTH**

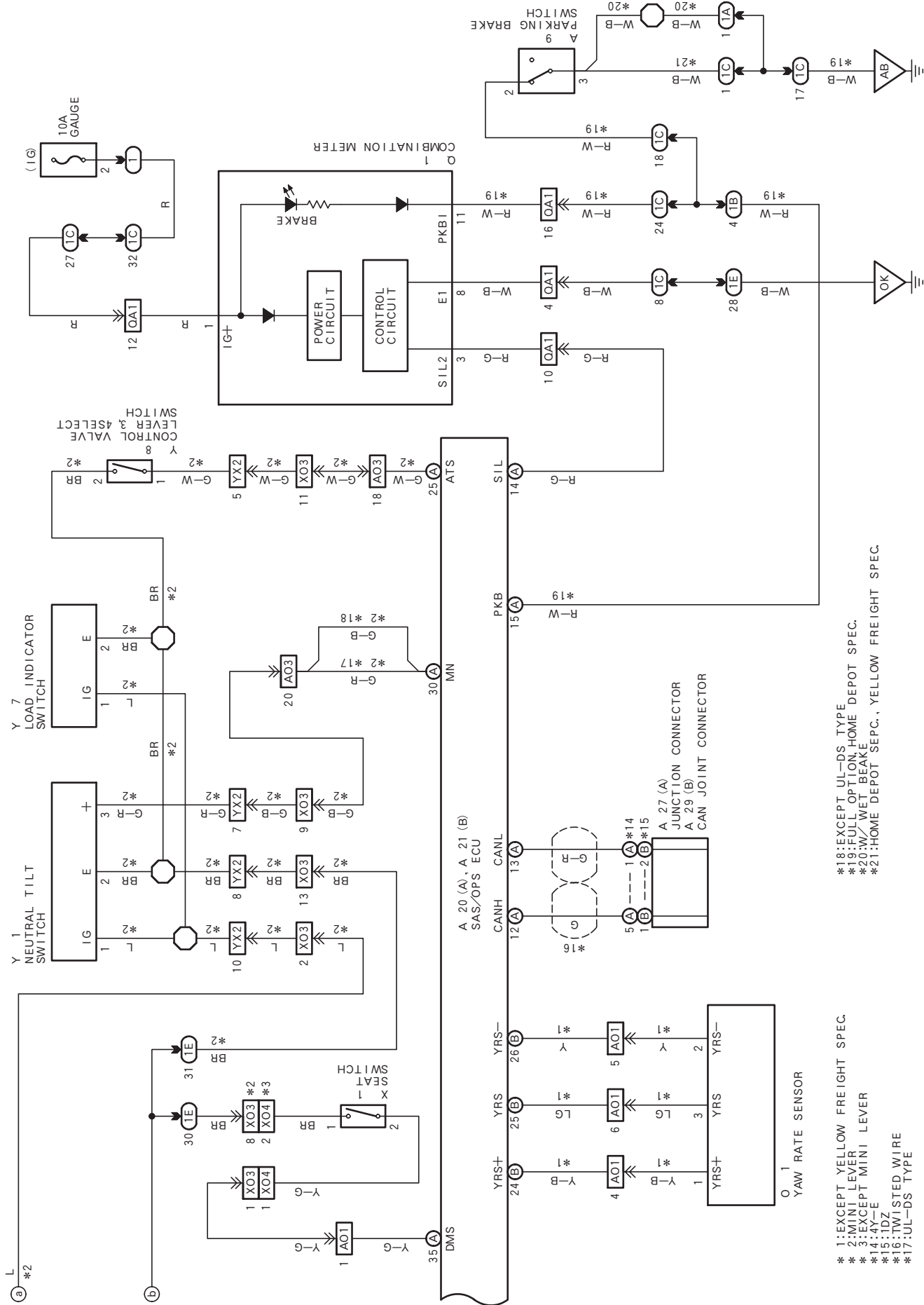
Code	See Page	Name
AB	E2-8	FRONT PLATE LEFT OUTSIDE EARTH

SAS/OPS SYSTEM



1: EXCEPT YELLOW FREIGHT SPEC.  
 \* 2: MINI LEVER  
 \* 3: EXCEPT MINI LEVER





- \* 1: EXCEPT YELLOW FREIGHT SPEC.
- \* 2: MINI LEVER
- \* 3: EXCEPT MINI LEVER
- \* 14: 4Y-E
- \* 15: IDZ
- \* 16: TWISTED WIRE
- \* 17: UL-DS TYPE
- \* 18: EXCEPT UL-DS TYPE
- \* 19: FULL OPTION; HOME DEPOT SPEC.
- \* 20: W/WET BRAKE
- \* 21: HOME DEPOT SPEC.; YELLOW FREIGHT SPEC.

## SAS/OPS SYSTEM

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 3	E2-6	A 15	E2-6	A 45	E2-8	X 1	E2-12
A 6	E2-6	A 18	E2-6	A 46	E2-8	Y 1	E2-12
A 8	E2-6	A 19	E2-6	A 56	E2-6	Y 7	E2-12
A 9	E2-6	A 20	E2-6	A 86	E2-6	Y 8	E2-12
A 10	E2-6	A 21	E2-6	A 87	E2-6	Z 1	E2-12
A 11	E2-6	A 23	E2-6	D 1	E2-8	Z 3	E2-12
A 12	E2-6	A 27	E2-8	O 1	E2-12	b 1	E2-10
A 13	E2-6	A 29	E2-8,19	O 4	E2-12	k 1	E2-6
A 14	E2-6	A 42	E2-6	Q 1	E2-6		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

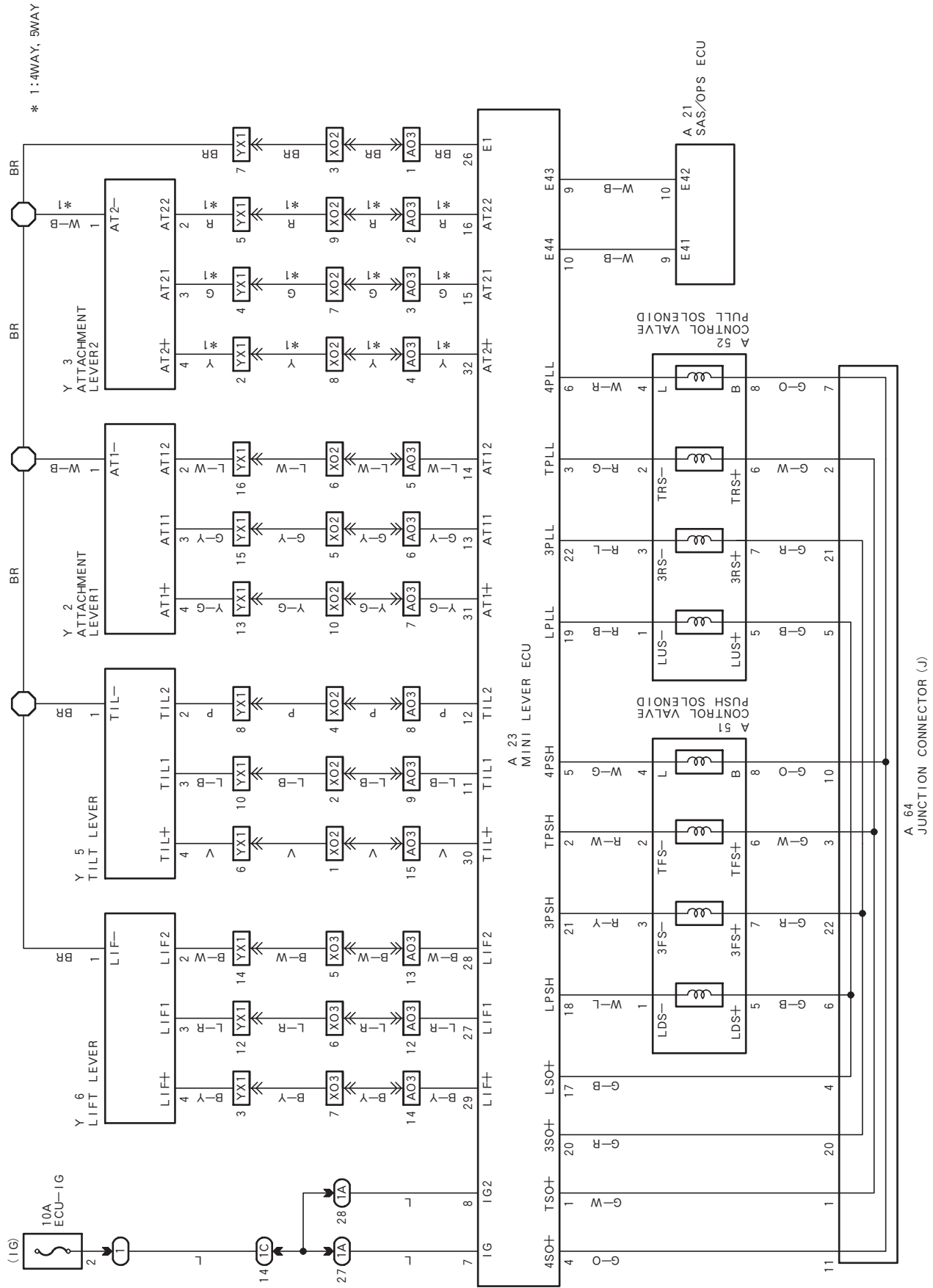
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AO1	E2-8	BODY MAIN WIRE to SIDE LH WIRE
AO3	E2-8	BODY MAIN WIRE to SIDE LH WIRE
Ab1	E2-10	BODY MAIN WIRE to MAST SENSOR WIRE
Ak1	E2-6	BODY MAIN WIRE to EZ PEDAL LIMIT SW WIRE
DA1	E2-8	T/C HEAT GAUGE WIRE to BODY MAIN WIRE
QA1	E2-6	INSTRUMENT PANEL WIRE to BODY MAIN WIRE
XO3	E2-12	HOOD MAIN WIRE to SIDE LH WIRE
XO4	E2-12	HOOD MAIN WIRE to SIDE LH WIRE
YX2	E2-12	HOOD SUB NO.1 WIRE to HOOD MAIN WIRE
ZO1	E2-12	RR LWR WIRE to SIDE LH WIRE

## EARTH

Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AB	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
OK	E2-12	REAR PILLAR LEFT UNDER EARTH

MINI LEVER



\* 1: 4WAY, 5WAY



## MINI LEVER

## PARTS

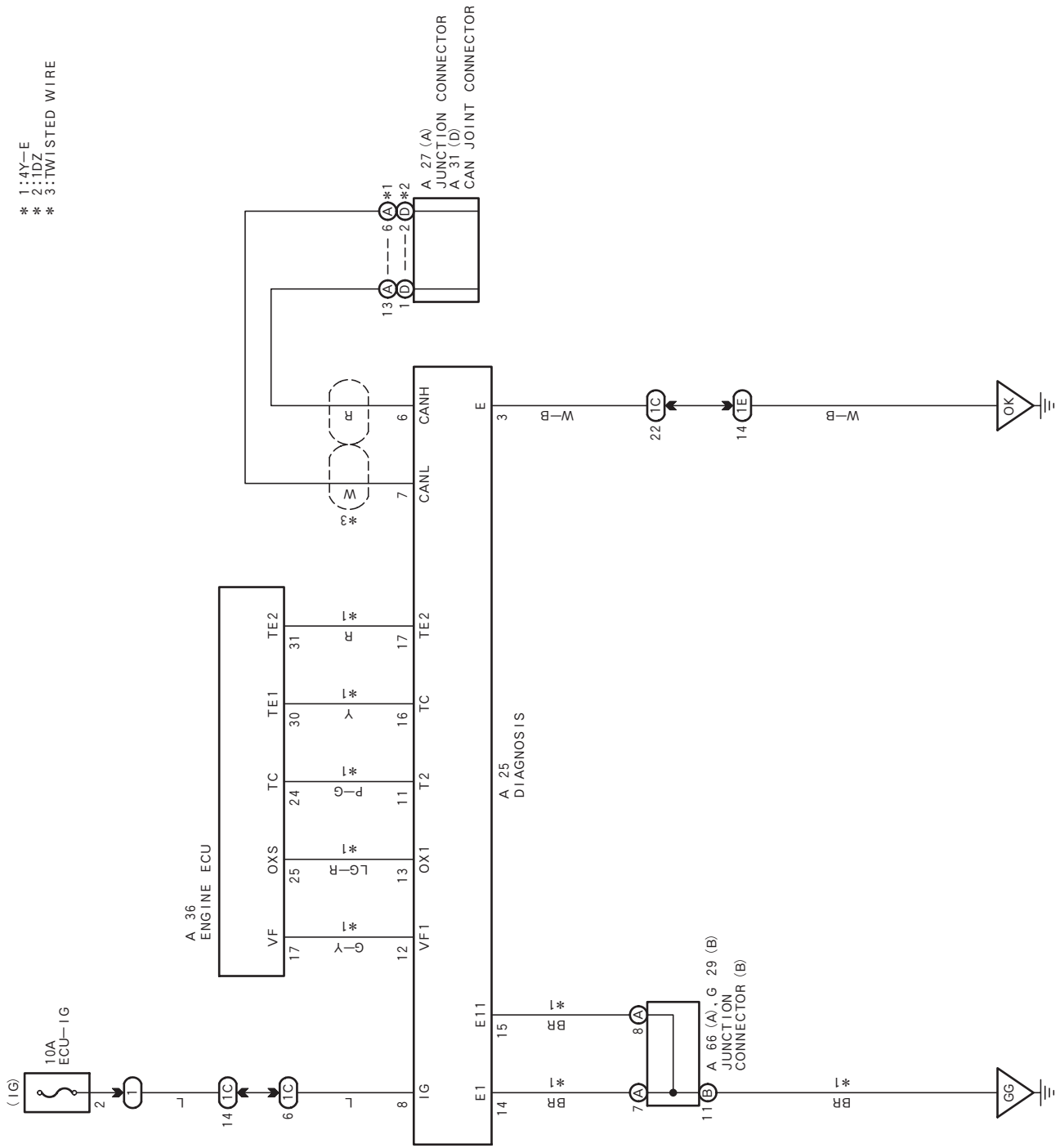
Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 21	E2-6	A 52	E2-6	Y 3	E2-12		
A 23	E2-6	A 64	E2-8	Y 5	E2-12		
A 51	E2-6	Y 2	E2-12	Y 6	E2-12		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AO3	E2-8	BODY MAIN WIRE to SIDE LH WIRE
XO2	E2-12	HOOD MAIN WIRE to SIDE LH WIRE
XO3	E2-12	HOOD MAIN WIRE to SIDE LH WIRE
YX1	E2-12	HOOD SUB NO.1 WIRE to HOOD MAIN WIRE



## DIAG

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 25	E2-8	A 31	E2-8,19	A 66	E2-8		
A 27	E2-8	A 36	E2-8	G 29	E2-8		

**RELAY BLOCK , JUNCTION BLOCK**

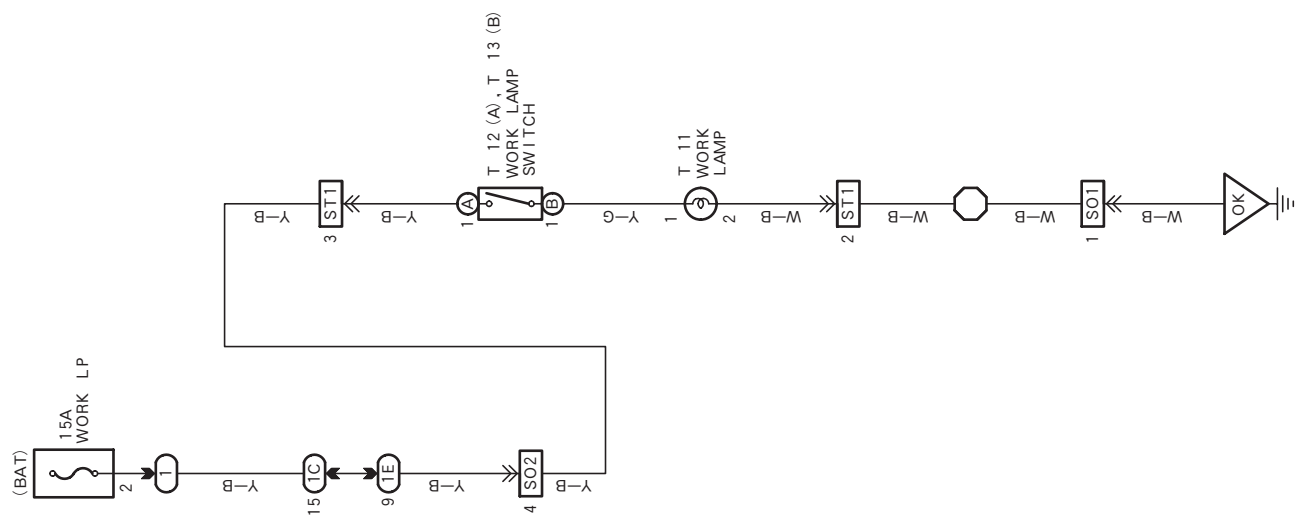
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

**EARTH**

Code	See Page	Name
GG	E2-2	ENGINE UPPER EARTH
OK	E2-12	REAR PILLAR LEFT UNDER EARTH

E3-44

REAR WORKING LAMP



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 REAR WORKING LAMP
 

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## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
T 11	E2-14	T 12	E2-14	T 13	E2-14		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

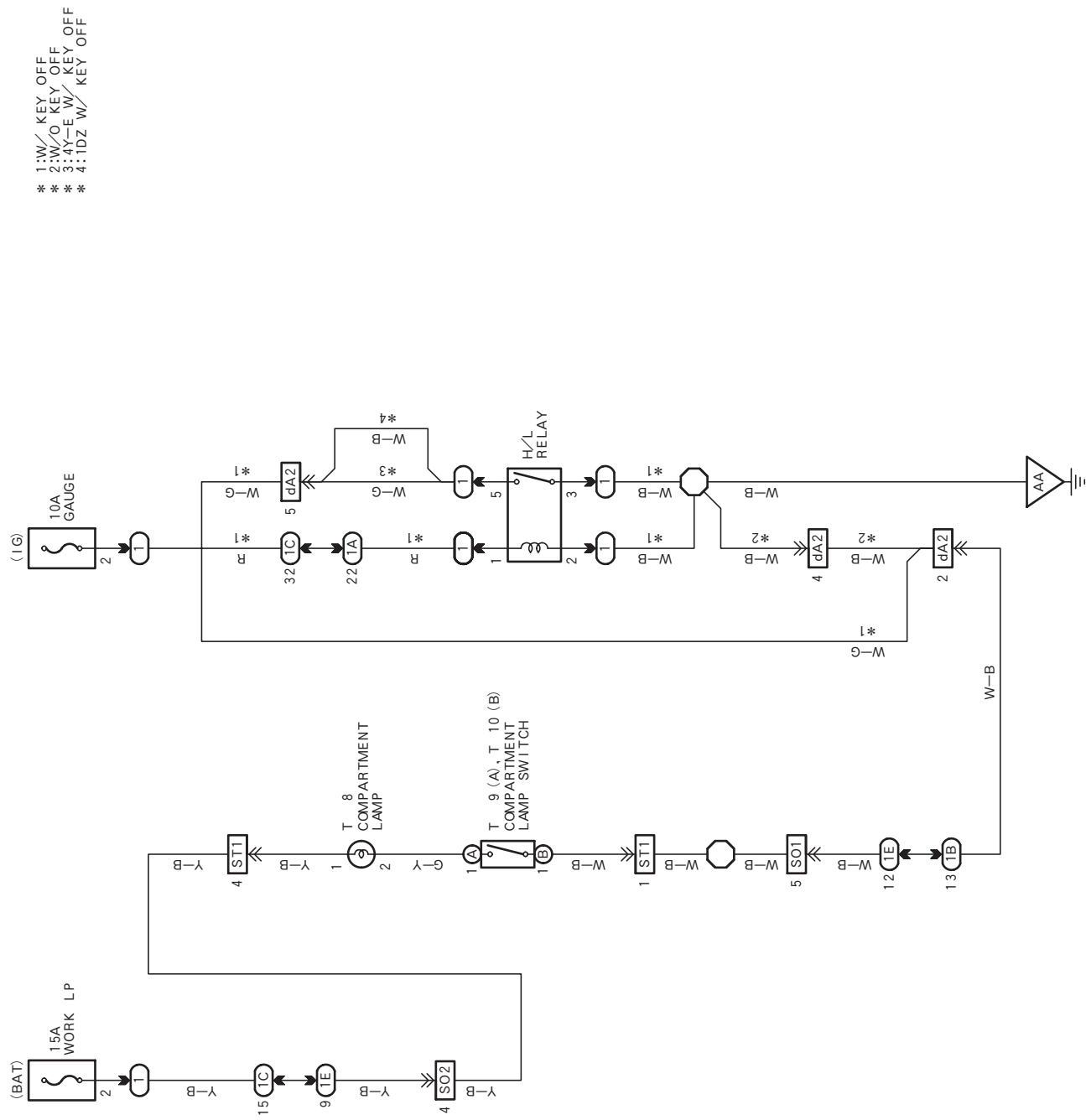
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
SO1	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
SO2	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
ST1	E2-14	RR UPR MAIN WIRE to RR UPR SUB RH WIRE

## EARTH

Code	See Page	Name
OK	E2-12	REAR PILLAR LEFT UNDER EARTH

COMPARTMENT LAMP



## COMPARTMENT LAMP

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
T 8	E2-14	T 9	E2-14	T 10	E2-14		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

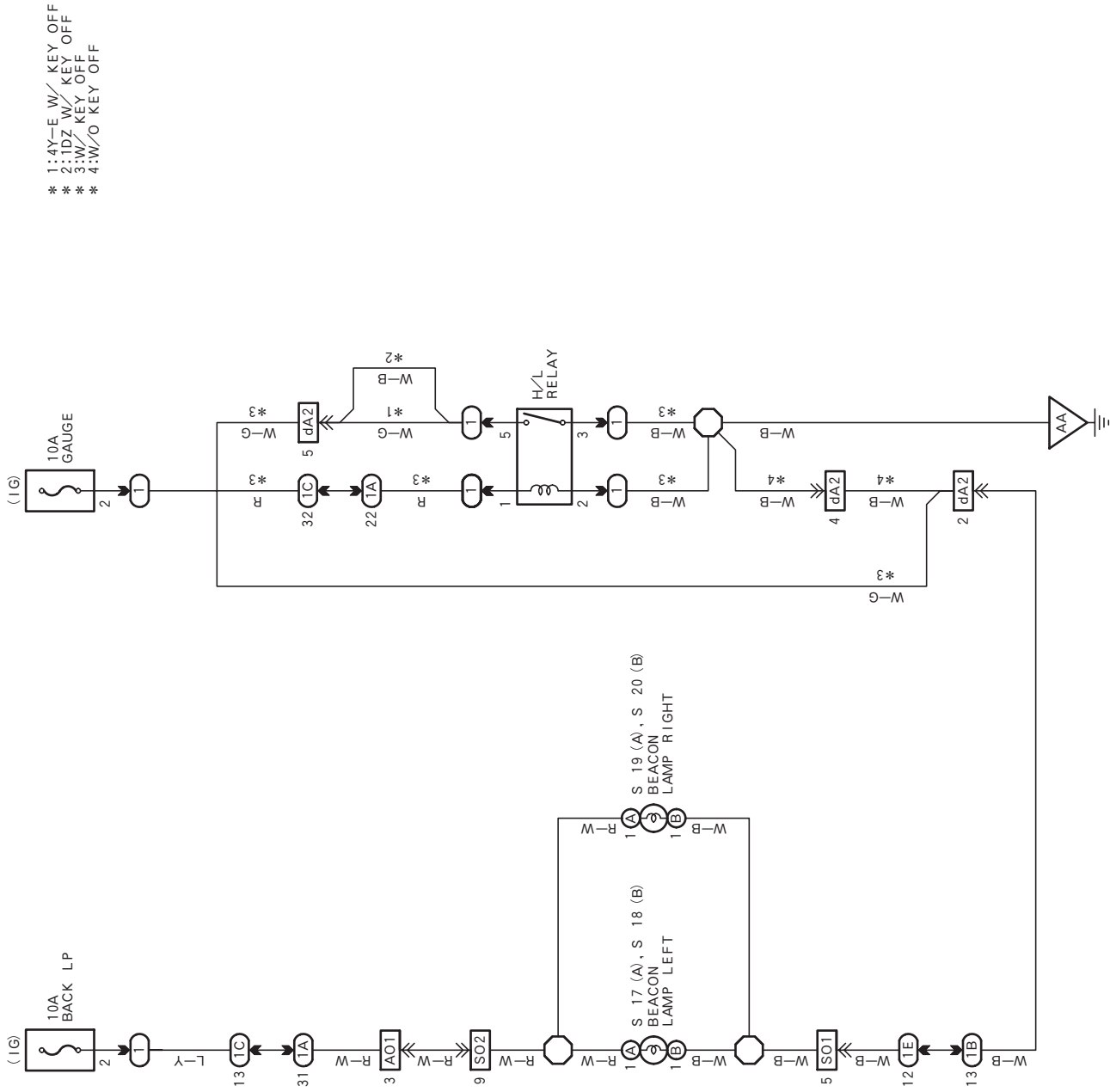
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
SO1	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
SO2	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
ST1	E2-14	RR UPR MAIN WIRE to RR UPR SUB RH WIRE
dA2	E2-10	FR STAY WIRE LH to BODY MAIN WIRE

## EARTH

Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH

STROBE LIGHT





## STROBE LIGHT

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
S 17	E2-12	S 18	E2-12	S 19	E2-12	S 20	E2-12

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

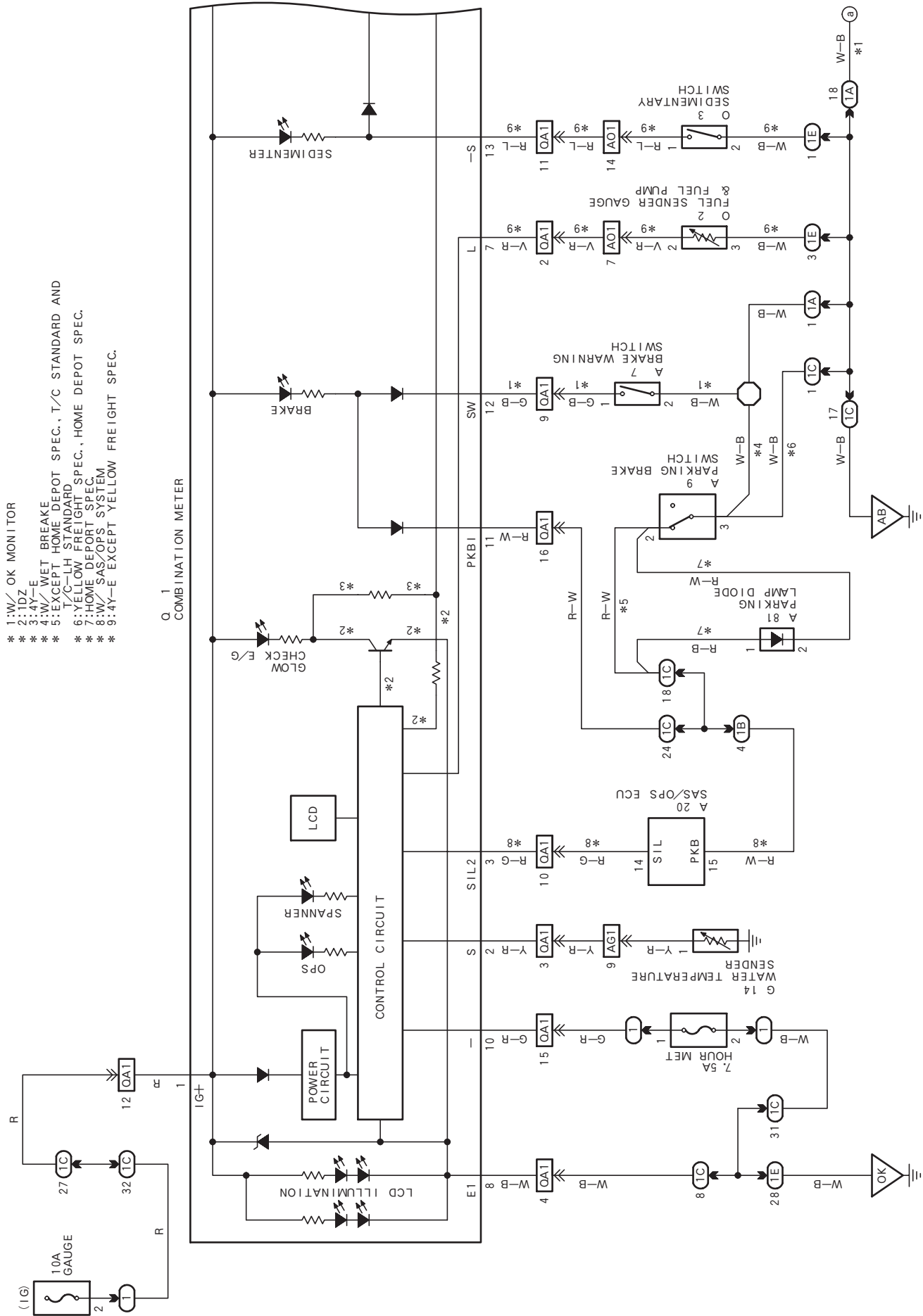
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AO1	E2-8	BODY MAIN WIRE to SIDE LH WIRE
SO1	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
SO2	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
dA2	E2-10	FR STAY WIRE LH to BODY MAIN WIRE

## EARTH

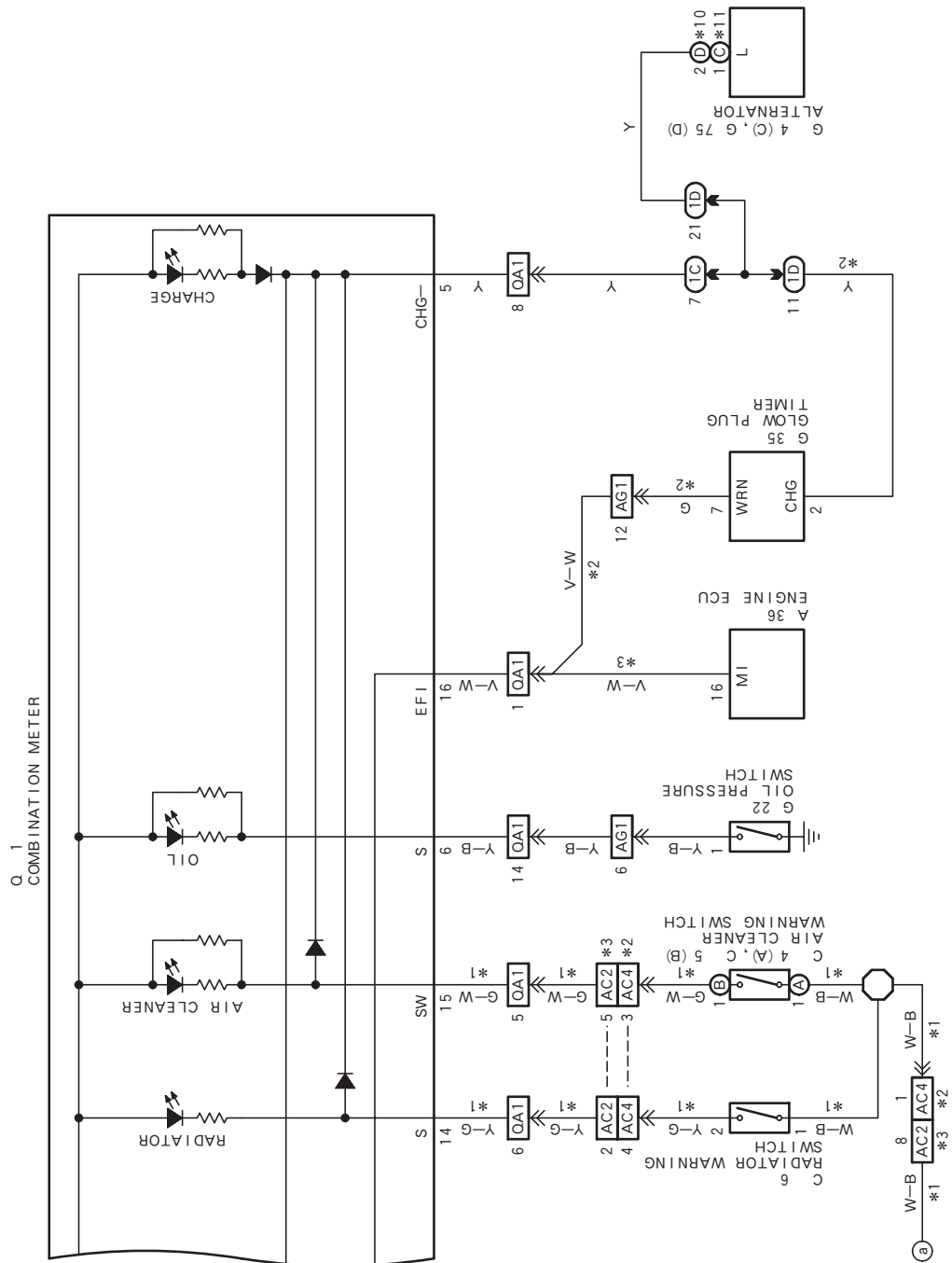
Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH

COMBINATION METER



COMBINATION METER

- \* 1:W/ OK MONITOR
- \* 2:1DZ
- \* 3:4T-E
- \* 10:UL-LPS TYPE, UL-GS TYPE, UL-DS TYPE
- \* 11:EXCEPT \*10



## COMBINATION METER

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 7	E2-6	A 81	E2-8	G 4	E2-2,4	G 75	E2-2,4
A 9	E2-6	C 4	E2-14	G 14	E2-2	O 2	E2-12
A 20	E2-6	C 5	E2-14	G 22	E2-2,4	O 3	E2-12
A 36	E2-8	C 6	E2-14	G 35	E2-8	Q 1	E2-6

## RELAY BLOCK , JUNCTION BLOCK

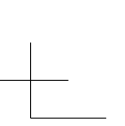
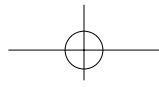
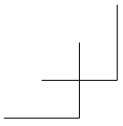
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1D	E2-8,18	ENGINE WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AC2	E2-8	BODY MAIN WIRE to SIDE RH WIRE
AC4	E2-8	BODY MAIN WIRE to SIDE RH WIRE
AG1	E2-8	BODY MAIN WIRE to ENGINE WIRE
AO1	E2-8	BODY MAIN WIRE to SIDE LH WIRE
QA1	E2-6	INSTRUMENT PANEL WIRE to BODY MAIN WIRE

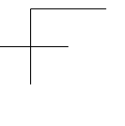
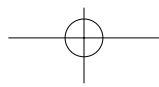
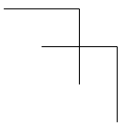
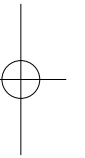
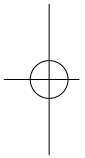
## EARTH

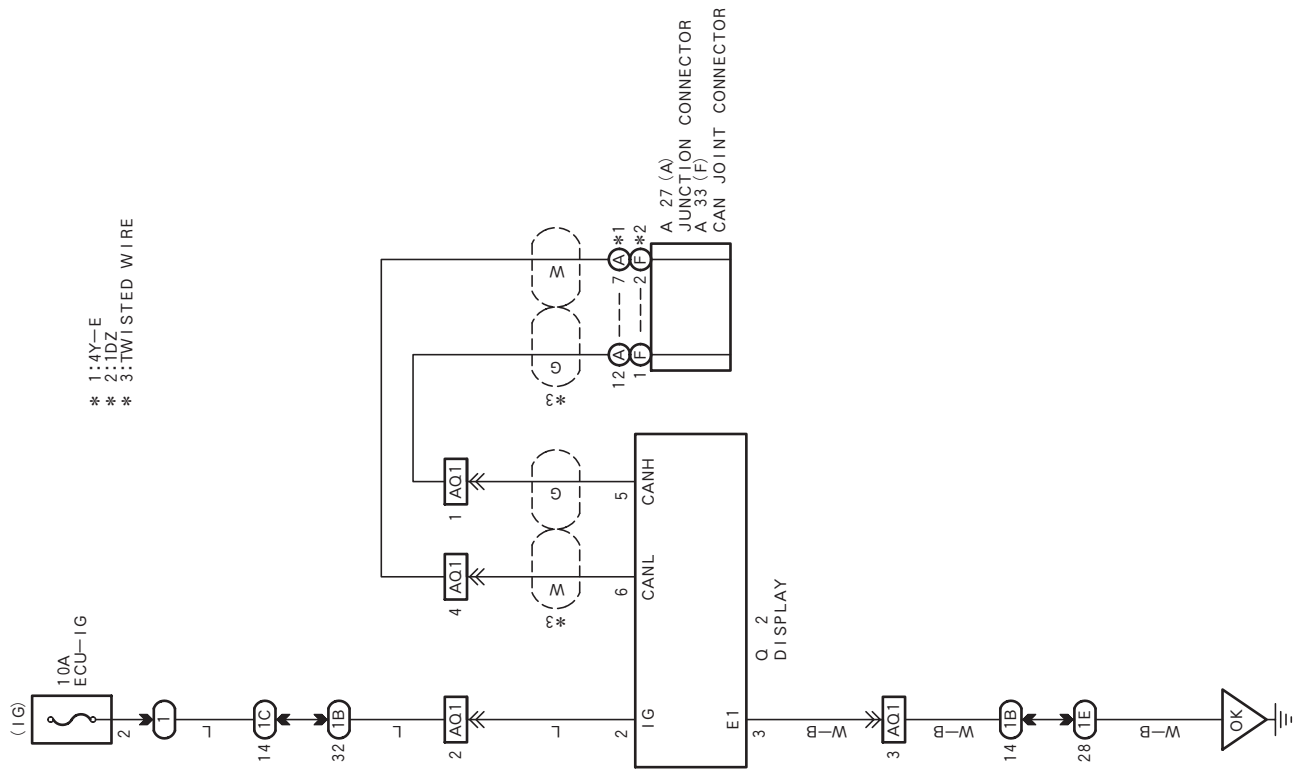
Code	See Page	Name
AB	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
OK	E2-12	REAR PILLAR LEFT UNDER EARTH



MEMO

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## MULTI DISPLAY

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 27	E2-8	A 33	E2-8,19	Q 2	E2-6		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

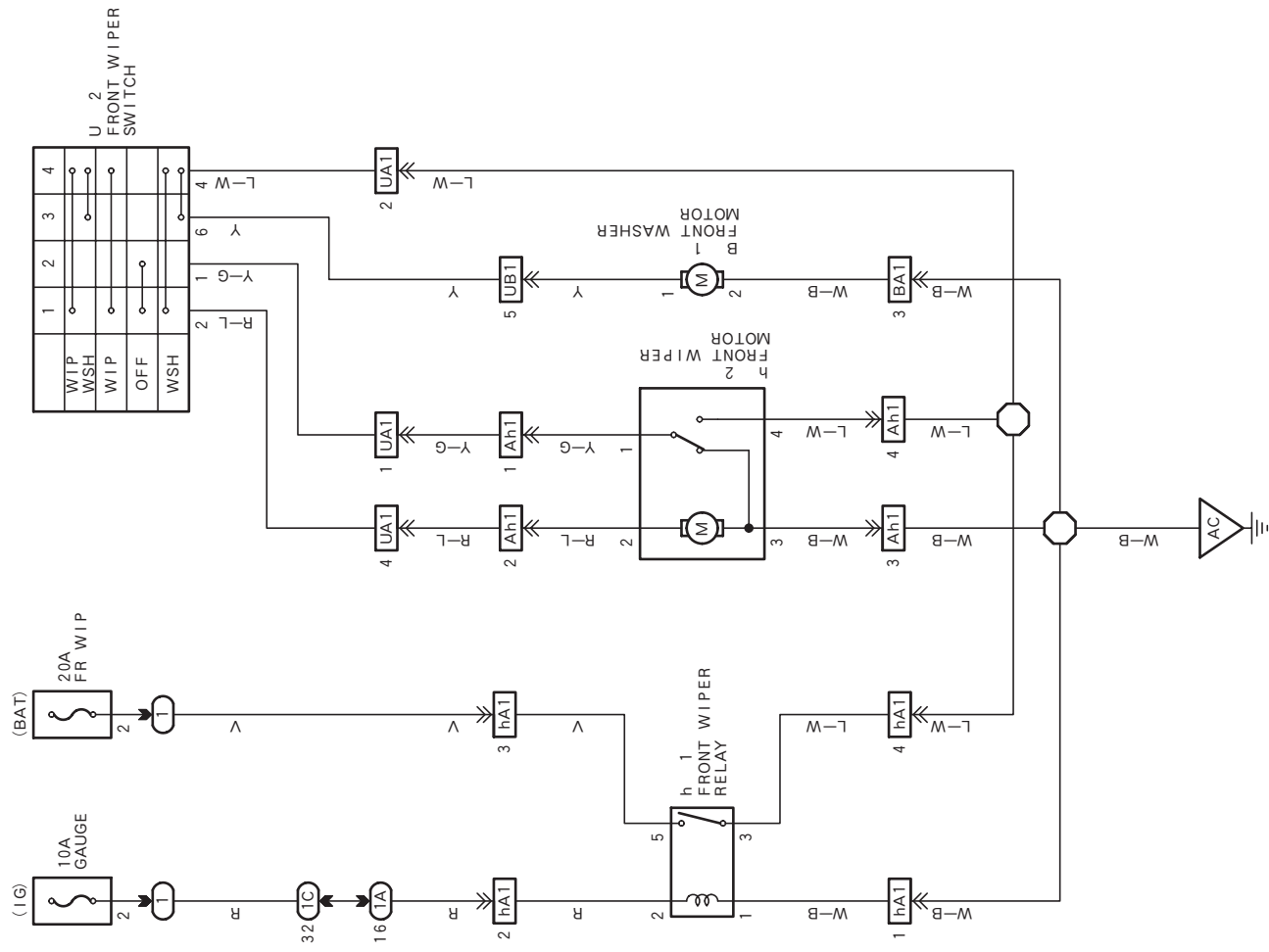
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AQ1	E2-6	BODY MAIN WIRE to INSTRUMENT PANEL WIRE

## EARTH

Code	See Page	Name
OK	E2-12	REAR PILLAR LEFT UNDER EARTH

FRONT WIPER & WASHER





## FRONT WIPER &amp; WASHER

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
B 1	E2-14	U 2	E2-10	h 1	E2-6	h 2	E2-6

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B

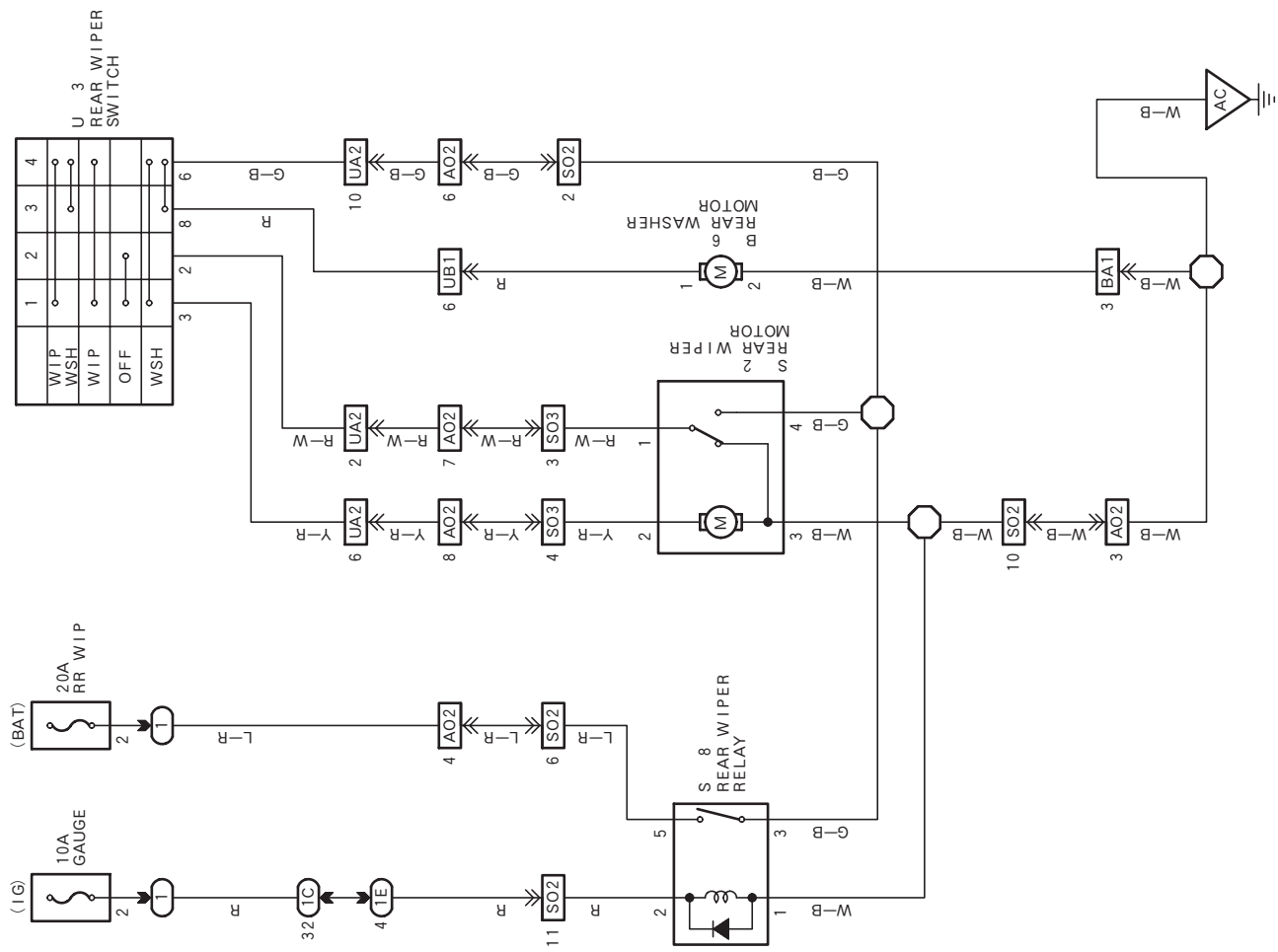
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
Ah1	E2-6	BODY MAIN WIRE to WIPER SUB WIRE
BA1	E2-10	BODY SUB NO.1 WIRE to BODY MAIN WIRE
UA1	E2-10	HEAD GUARD SW WIRE to BODY MAIN WIRE
UB1	E2-10	HEAD GUARD SW WIRE to BODY SUB NO.1 WIRE
hA1	E2-6	WIPER SUB WIRE to BODY MAIN WIRE

## EARTH

Code	See Page	Name
AC	E2-8	FRONT PLATE LEFT OUTSIDE EARTH

REAR WIPER & WASHER



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 REAR WIPER & WASHER
 

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## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
B 6	E2-14	S 2	E2-12	S 8	E2-12	U 3	E2-10

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

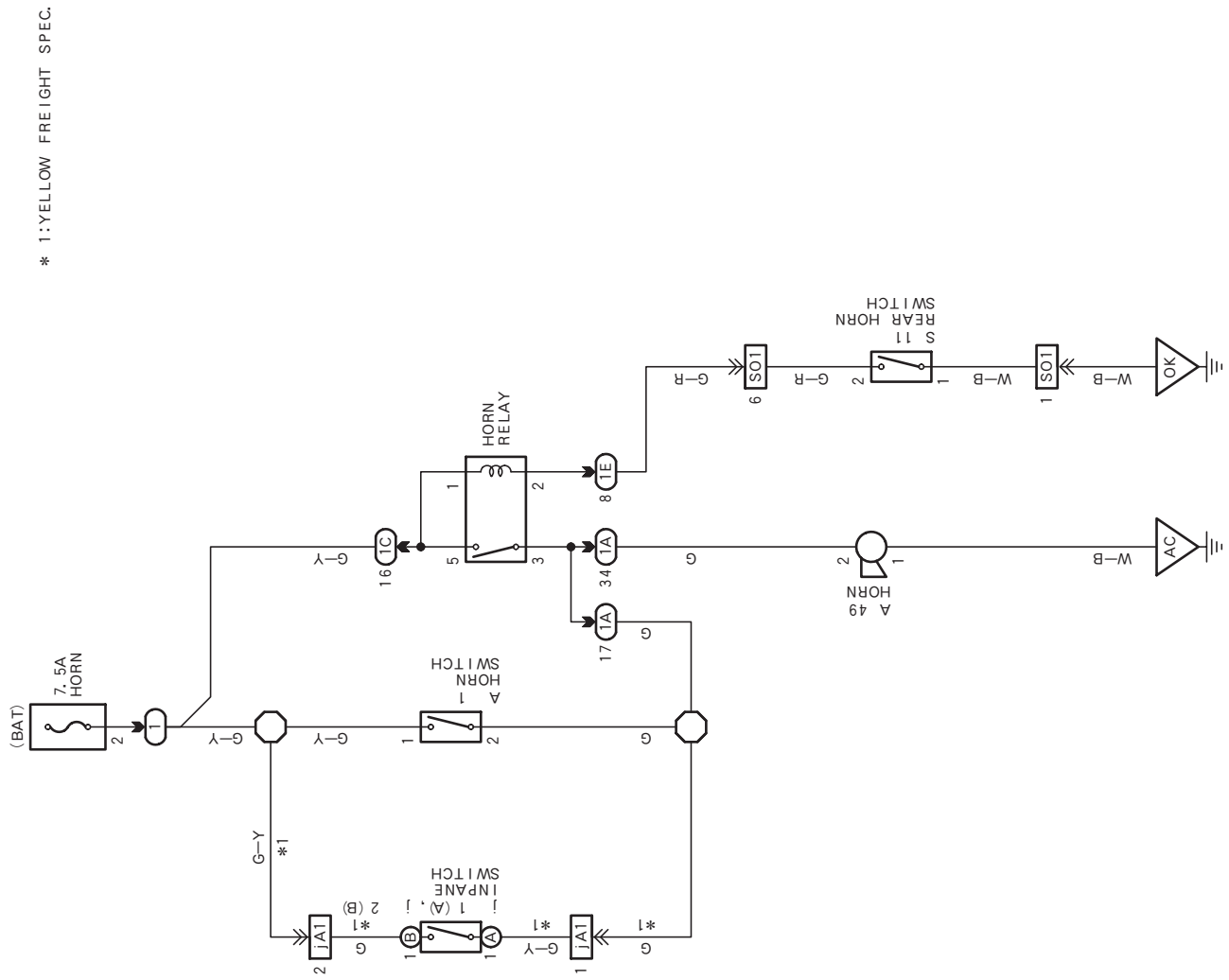
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AO2	E2-8	BODY MAIN WIRE to SIDE LH WIRE
BA1	E2-10	BODY SUB NO.1 WIRE to BODY MAIN WIRE
SO2	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
SO3	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
UA2	E2-10	HEAD GUARD SW WIRE to BODY MAIN WIRE
UB1	E2-10	HEAD GUARD SW WIRE to BODY SUB NO.1 WIRE

## EARTH

Code	See Page	Name
AC	E2-8	FRONT PLATE LEFT OUTSIDE EARTH

HORN & W/ REAR HORN SWITCH



\* 1: YELLOW FREIGHT SPEC.

## HORN &amp; W/ REAR HORN SWITCH

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 1	E2-6	S 11	E2-12	j 2	E2-6		
A 49	E2-6	j 1	E2-6				

**RELAY BLOCK , JUNCTION BLOCK**

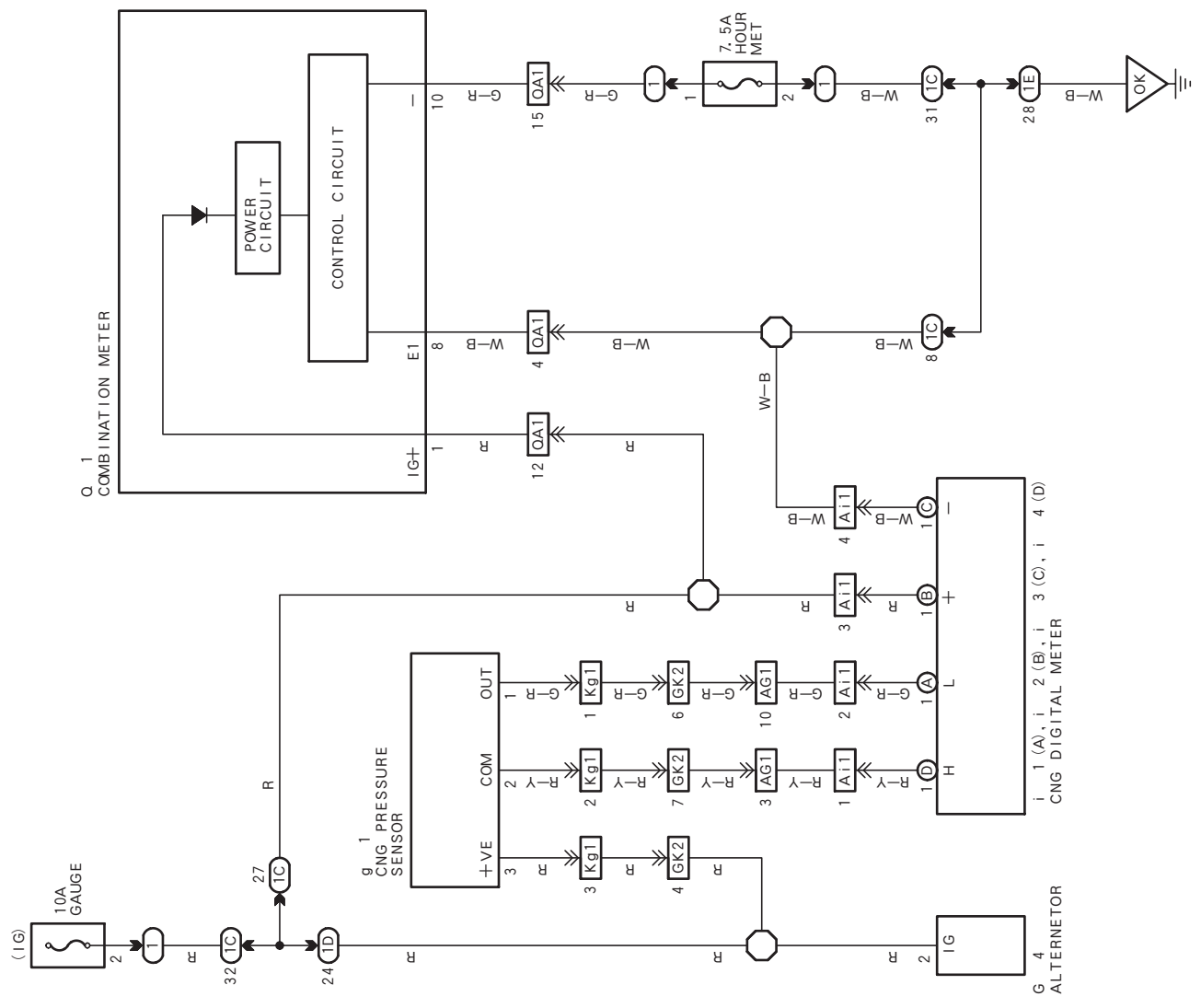
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
SO1	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
jA1	E2-6	INSTRUMENT PANEL SW WIRE to BODY MAIN WIRE

**EARTH**

Code	See Page	Name
AC	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
OK	E2-12	REAR PILLAR LEFT UNDER EARTH



## CNG DIGITAL METER

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
G 4	E2-2,4	g 1	E2-2	i 2	E2-6	i 4	E2-6
Q 1	E2-6	i 1	E2-6	i 3	E2-6		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1D	E2-8,18	ENGINE WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

## WIRE TO WIRE

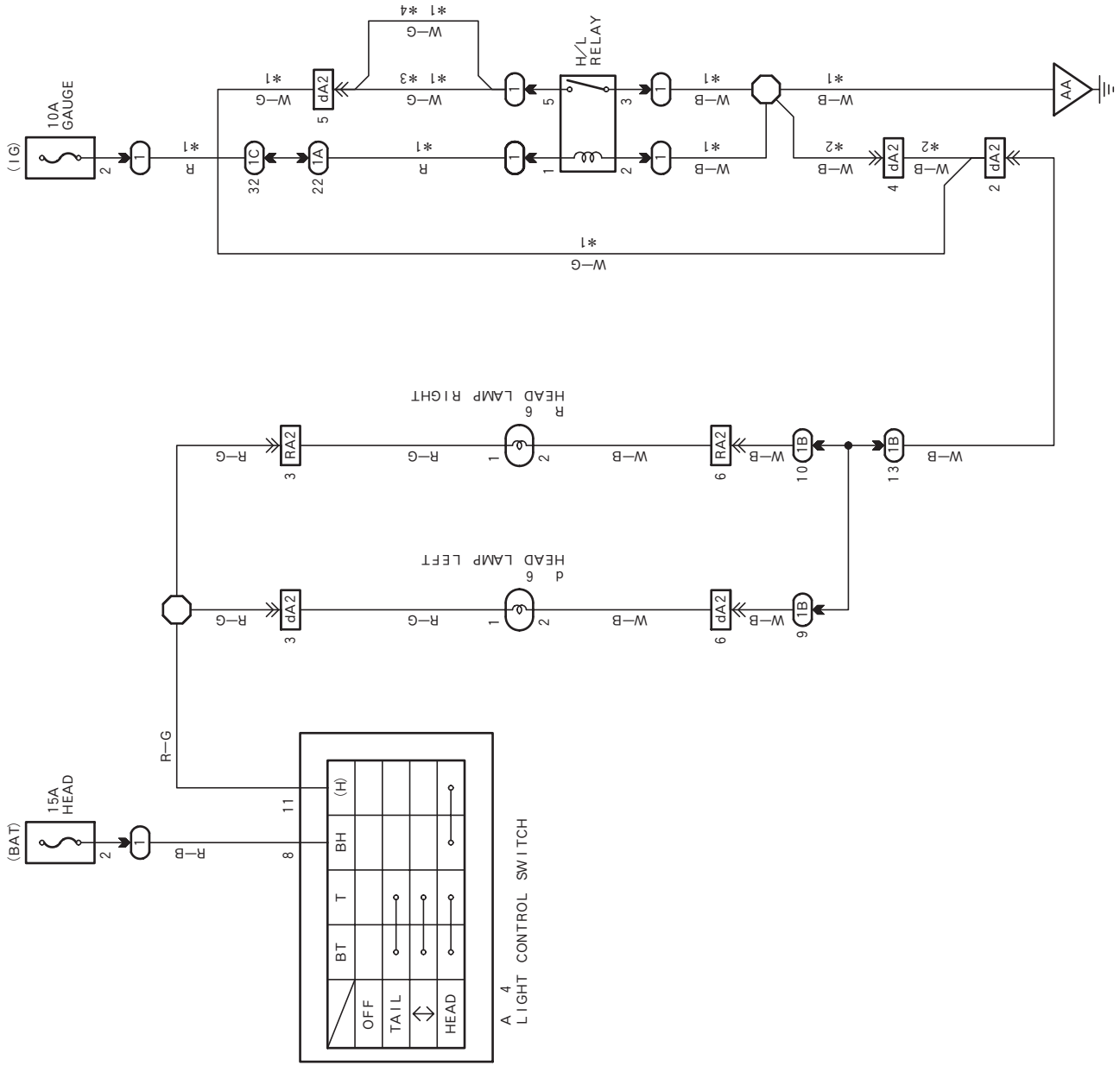
Code	See Page	Joining Wire Harness and Wire Harness
AG1	E2-8	BODY MAIN WIRE to ENGINE WIRE
Ai1	E2-6	BODY MAIN WIRE to DIGITAL METER WIRE
GK2	E2-2	ENGINE WIRE to ENGINE SUB WIRE
Kg1	E2-2	ENGINE SUB WIRE TO CNG PRESSURE SENSOR WIRE
QA1	E2-6	INSTRUMENT PANEL WIRE to BODY MAIN WIRE

## EARTH

Code	See Page	Name
OK	E2-12	REAR PILLAR LEFT UNDER EARTH

HEAD LAMP

\* 1:W/ KEY OFF  
 \*\* 2:W/O KEY OFF  
 \*\*\* 3:4Y-E  
 \*\*\*\* 4:1DZ





## HEAD LAMP

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 4	E2-6	R 6	E2-10	d 6	E2-10		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B

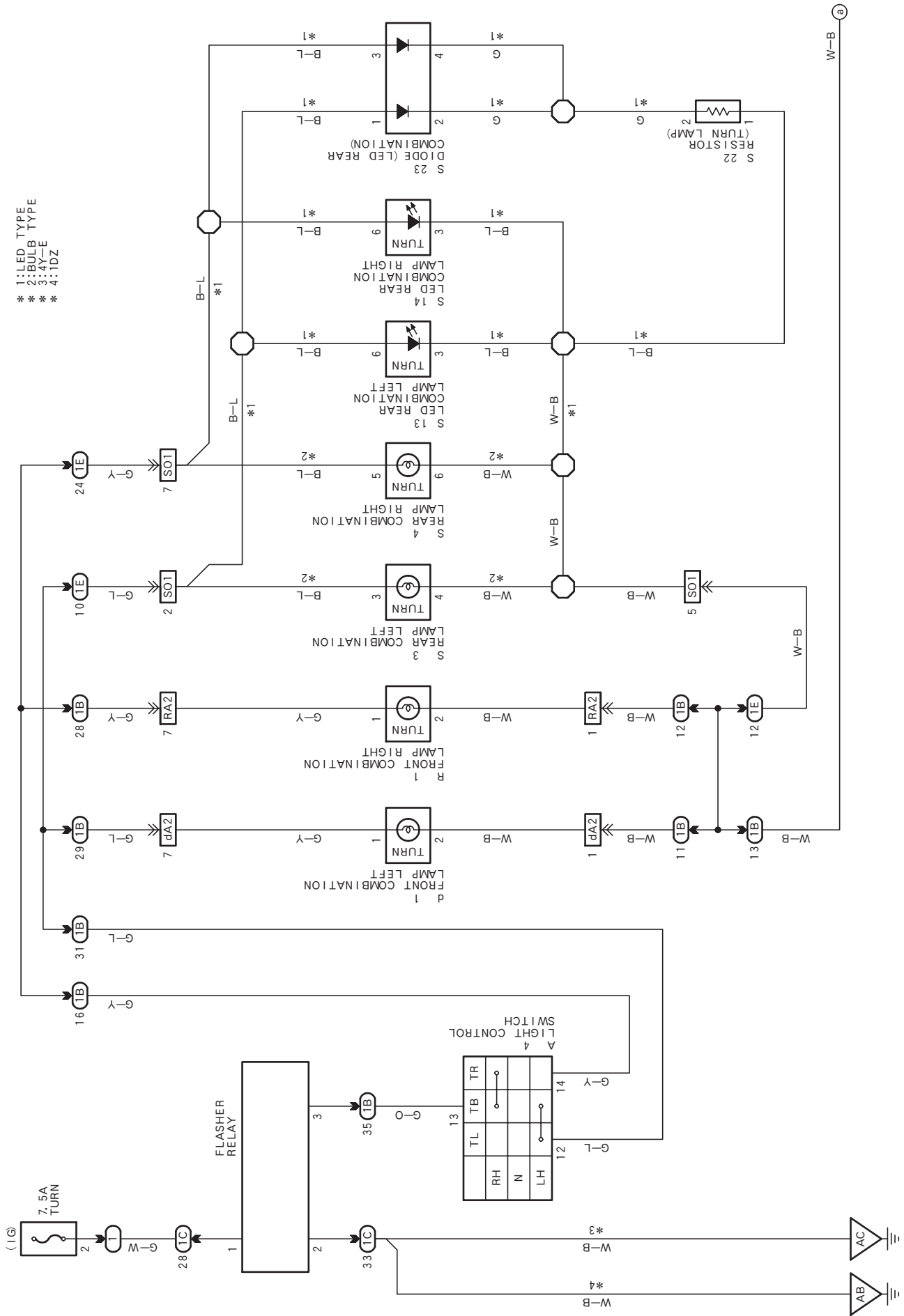
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
RA2	E2-10	FR STAY WIRE RH to BODY MAIN WIRE
dA2	E2-10	FR STAY WIRE LH to BODY MAIN WIRE

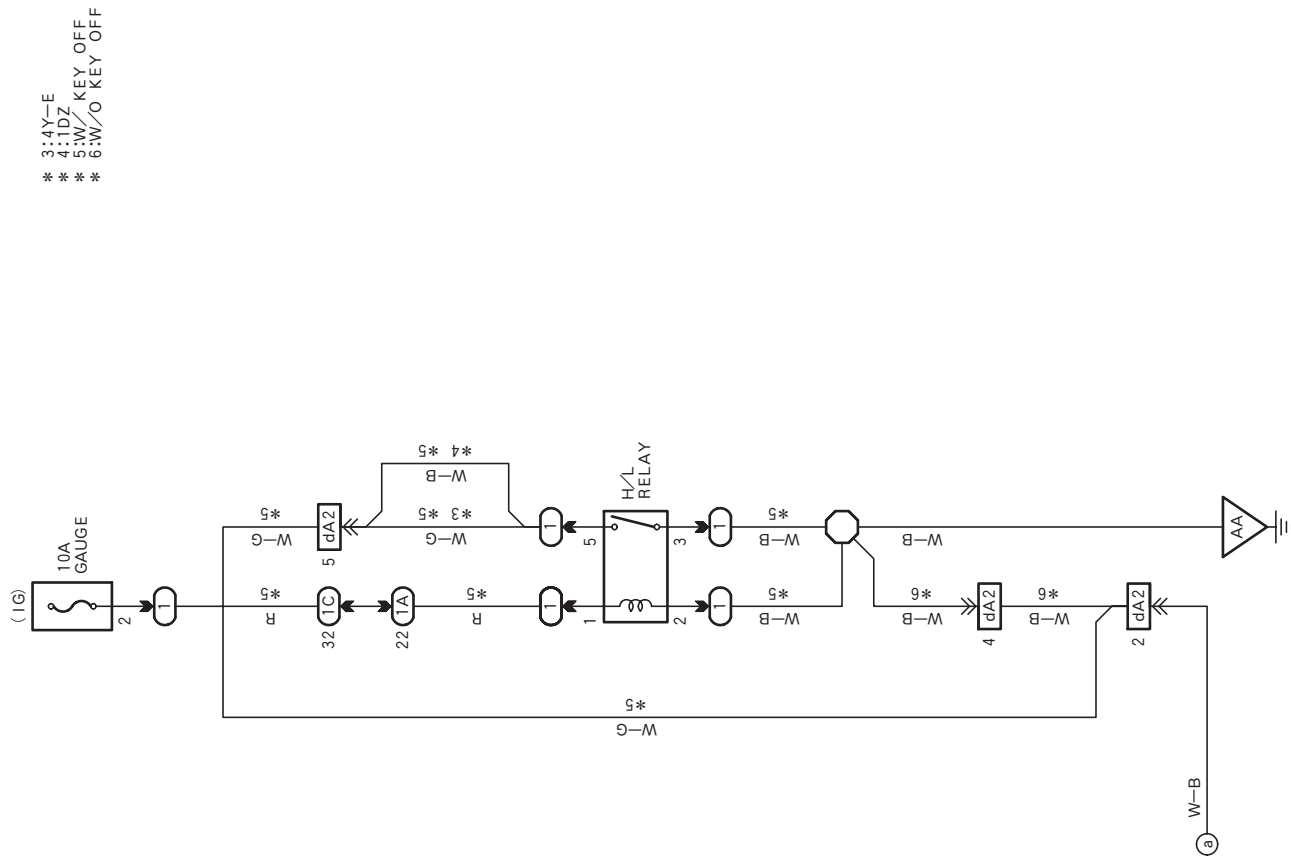
## EARTH

Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH

TURN SIGNAL LAMP



TURN SIGNAL LAMP



- \* 3:4Y-E
- \* 4:1DZ
- \* 5:W/ KEY OFF
- \* 6:W/O KEY OFF

## TURN SIGNAL LAMP

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 4	E2-6	S 4	E2-12	S 22	E2-12		
R 1	E2-10	S 13	E2-12	S 23	E2-12		
S 3	E2-12	S 14	E2-12	d 1	E2-10		

## RELAY BLOCK , JUNCTION BLOCK

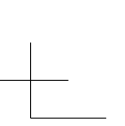
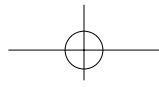
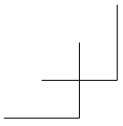
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
RA2	E2-10	FR STAY WIRE RH to BODY MAIN WIRE
SO1	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
dA2	E2-10	FR STAY WIRE LH to BODY MAIN WIRE

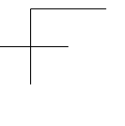
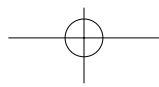
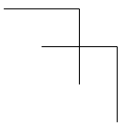
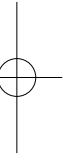
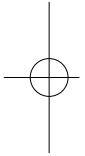
## EARTH

Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AB	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AC	E2-8	FRONT PLATE LEFT OUTSIDE EARTH

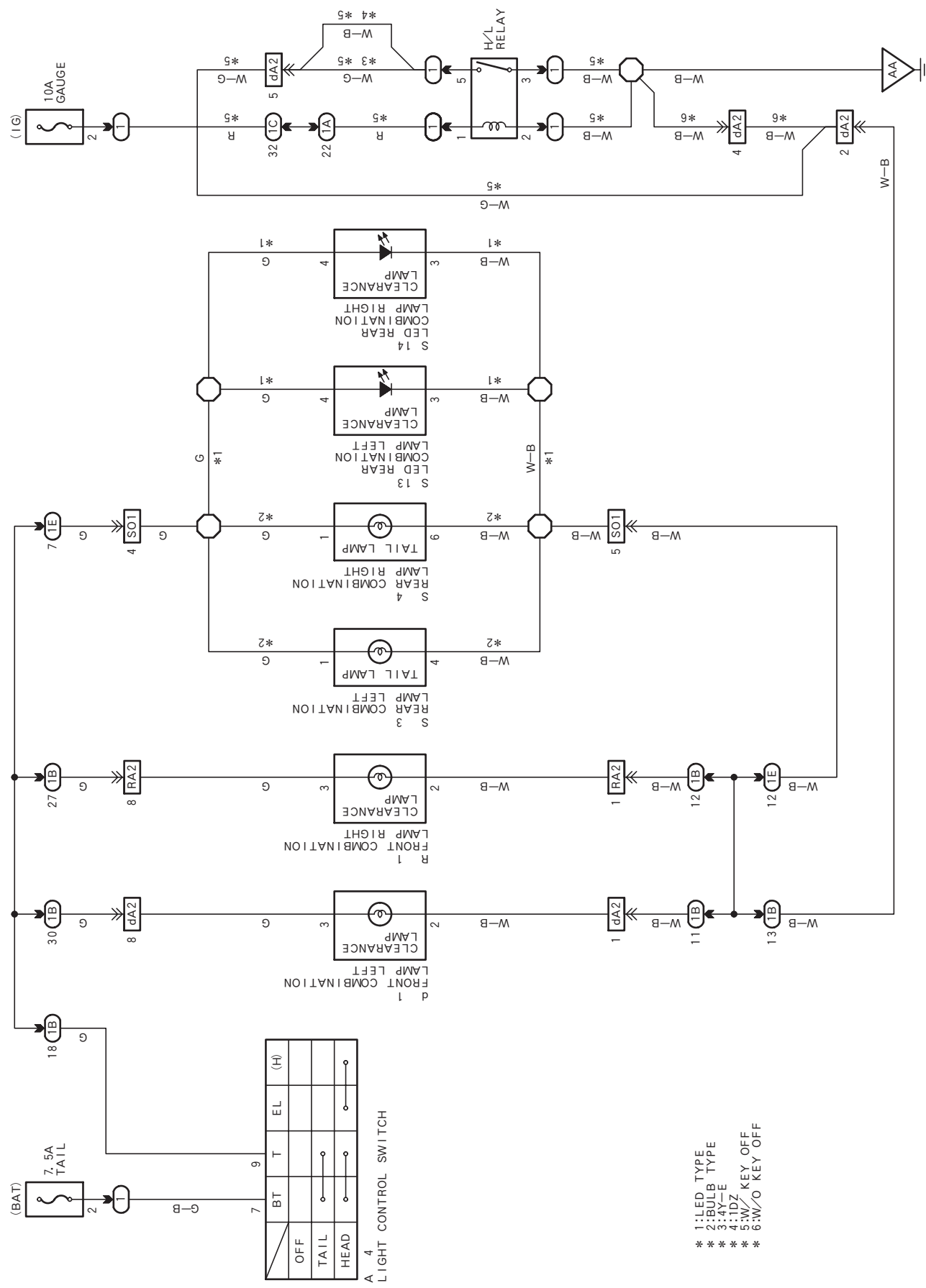


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CLEARANCE LAMP



## CLEARANCE LAMP

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 4	E2-6	S 3	E2-12	S 13	E2-12	d 1	E2-10
R 1	E2-10	S 4	E2-12	S 14	E2-12		

**RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
RA2	E2-10	FR STAY WIRE RH to BODY MAIN WIRE
SO1	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
dA2	E2-10	FR STAY WIRE LH to BODY MAIN WIRE

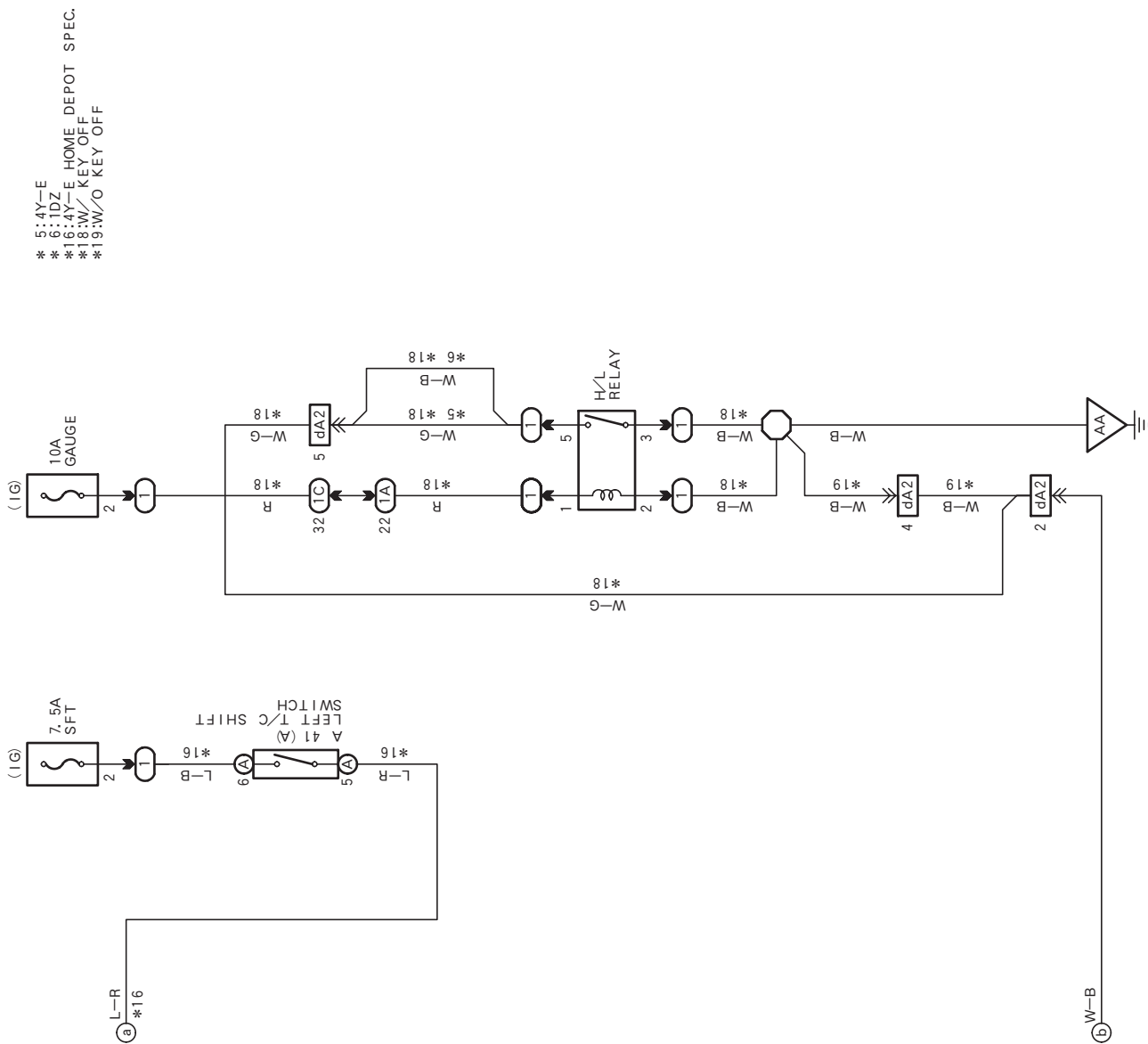
**EARTH**

Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH





BACK UP LAMP BUZZER & SMART ALARM



\* 5:4Y-E  
 \* 6:1DZ-E  
 \* 18:4Y-E HOME DEPOT SPEC.  
 \* 18:W/O KEY OFF  
 \* 19:W/O KEY OFF

## BACK UP LAMP BUZZER &amp; SMART ALARM

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 9	E2-6	A 80	E2-6	S 4	E2-12	S 15	E2-12
A 41	E2-6	A 81	E2-8	S 13	E2-12	S 16	E2-12
A 79	E2-8	C 7	E2-14	S 14	E2-12	Y 4	E2-12

## RELAY BLOCK , JUNCTION BLOCK

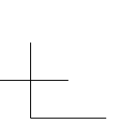
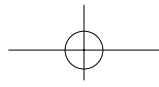
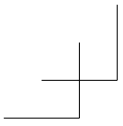
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AC2	E2-8	BODY MAIN WIRE to SIDE RH WIRE
AC4	E2-8	BODY MAIN WIRE to SIDE RH WIRE
SO1	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
XO1	E2-12	HOOD MAIN WIRE to SIDE LH WIRE
YX2	E2-12	HOOD SUB NO.1 WIRE to HOOD MAIN WIRE
dA2	E2-10	FR STAY WIRE LH to BODY MAIN WIRE

## EARTH

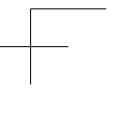
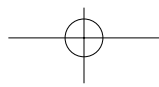
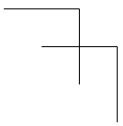
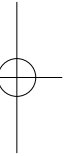
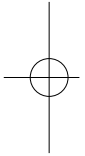
Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AB	E2-8	FRONT PLATE LEFT OUTSIDE EARTH



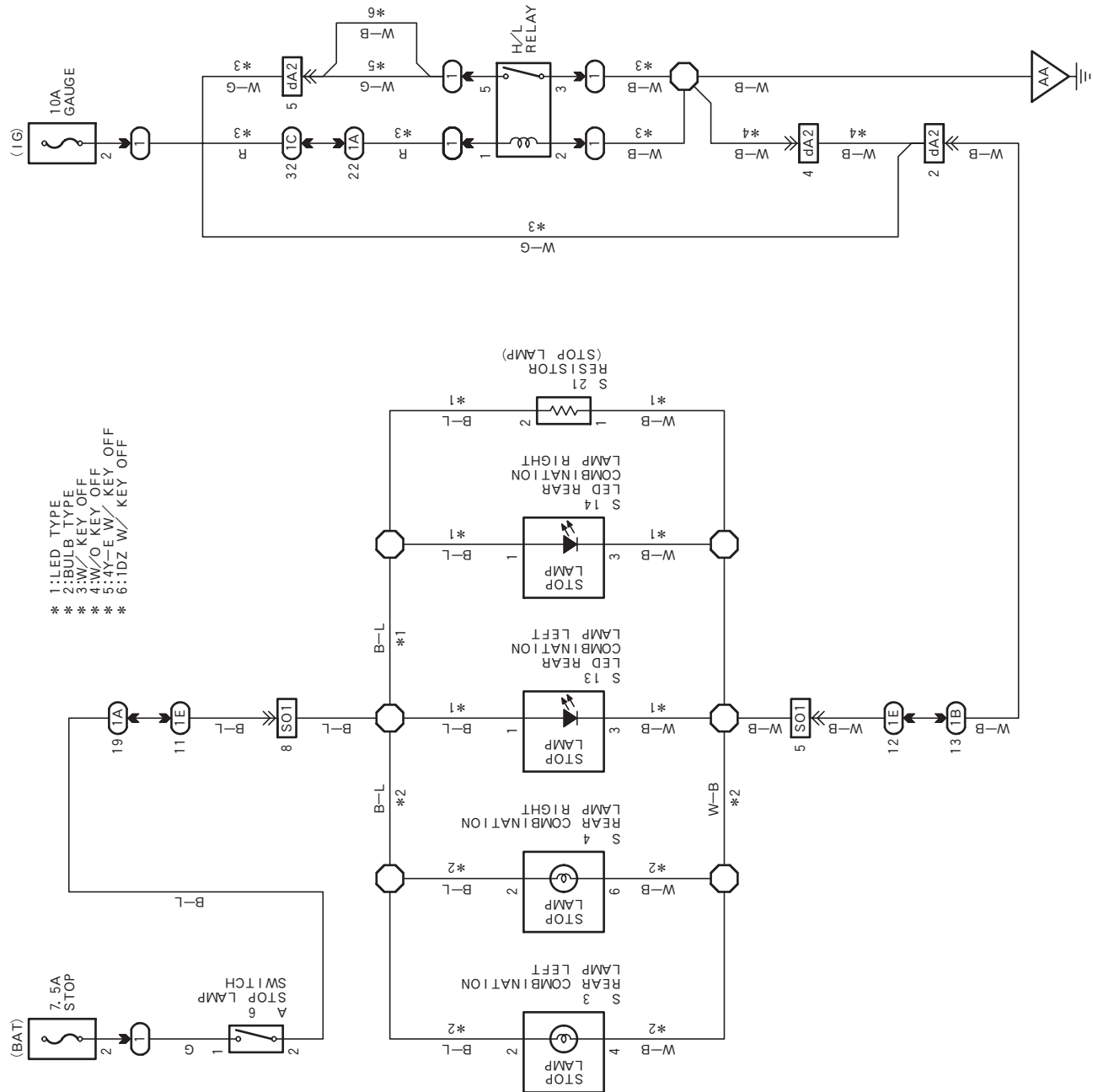
E3-75

MEMO

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STOP LAMP



## STOP LAMP

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 6	E2-6	S 4	E2-12	S 14	E2-12		
S 3	E2-12	S 13	E2-12	S 21	E2-12		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

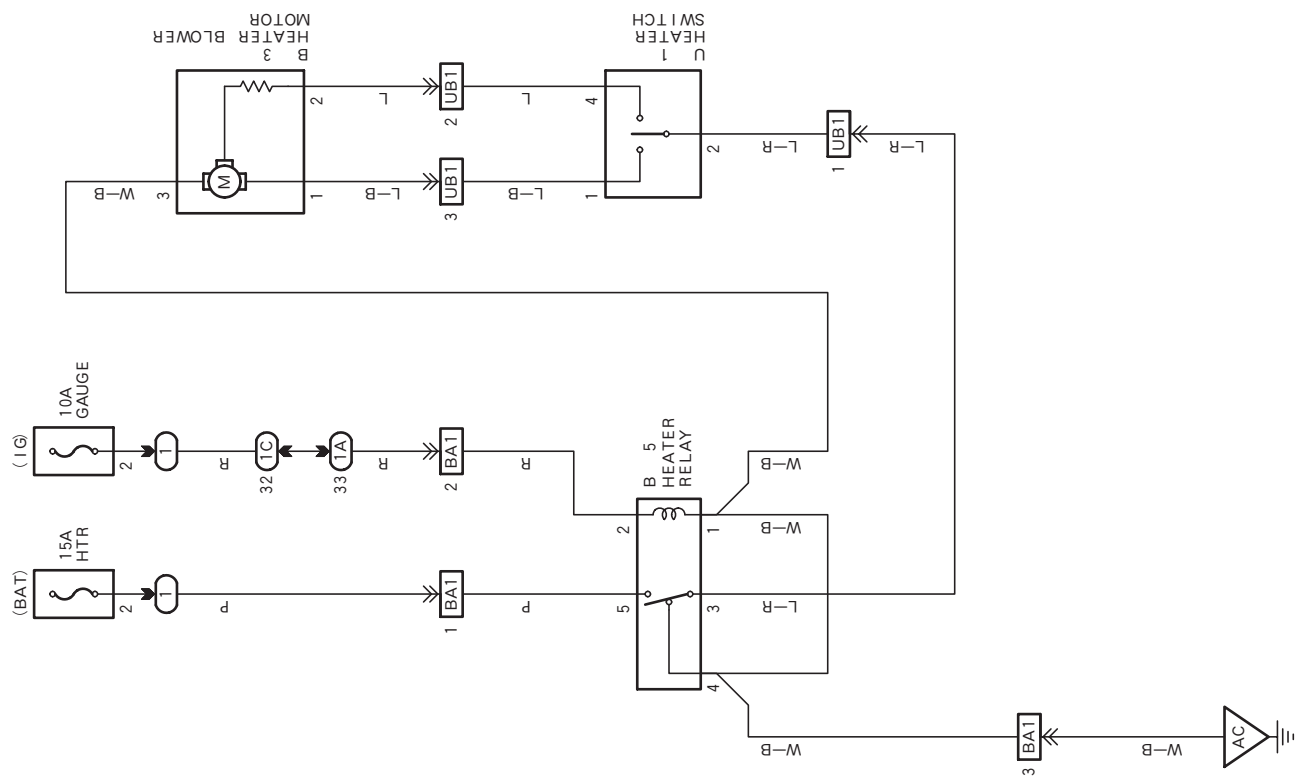
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
SO1	E2-12	RR UPR MAIN WIRE to SIDE LH WIRE
dA2	E2-10	FR STAY WIRE LH to BODY MAIN WIRE

## EARTH

Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH

HEATER



## HEATER

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
B 3	E2-14	B 5	E2-14	U 1	E2-10		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B

## WIRE TO WIRE

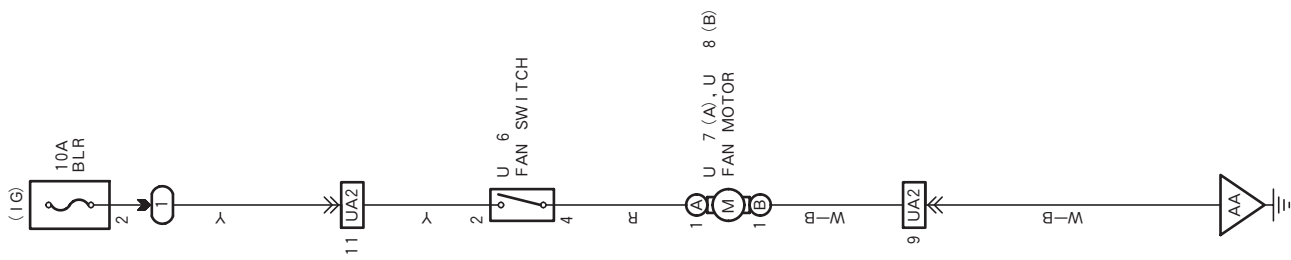
Code	See Page	Joining Wire Harness and Wire Harness
BA1	E2-10	BODY SUB NO.1 WIRE to BODY MAIN WIRE
UB1	E2-10	HEAD GUARD SW WIRE to BODY SUB NO.1 WIRE

## EARTH

Code	See Page	Name
AC	E2-8	FRONT PLATE LEFT OUTSIDE EARTH

E3-80

FAN





## FAN

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
U 6	E2-10	U 7	E2-10	U 8	E2-10		

**RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B

**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
UA2	E2-10	HEAD GUARD SW WIRE to BODY MAIN WIRE

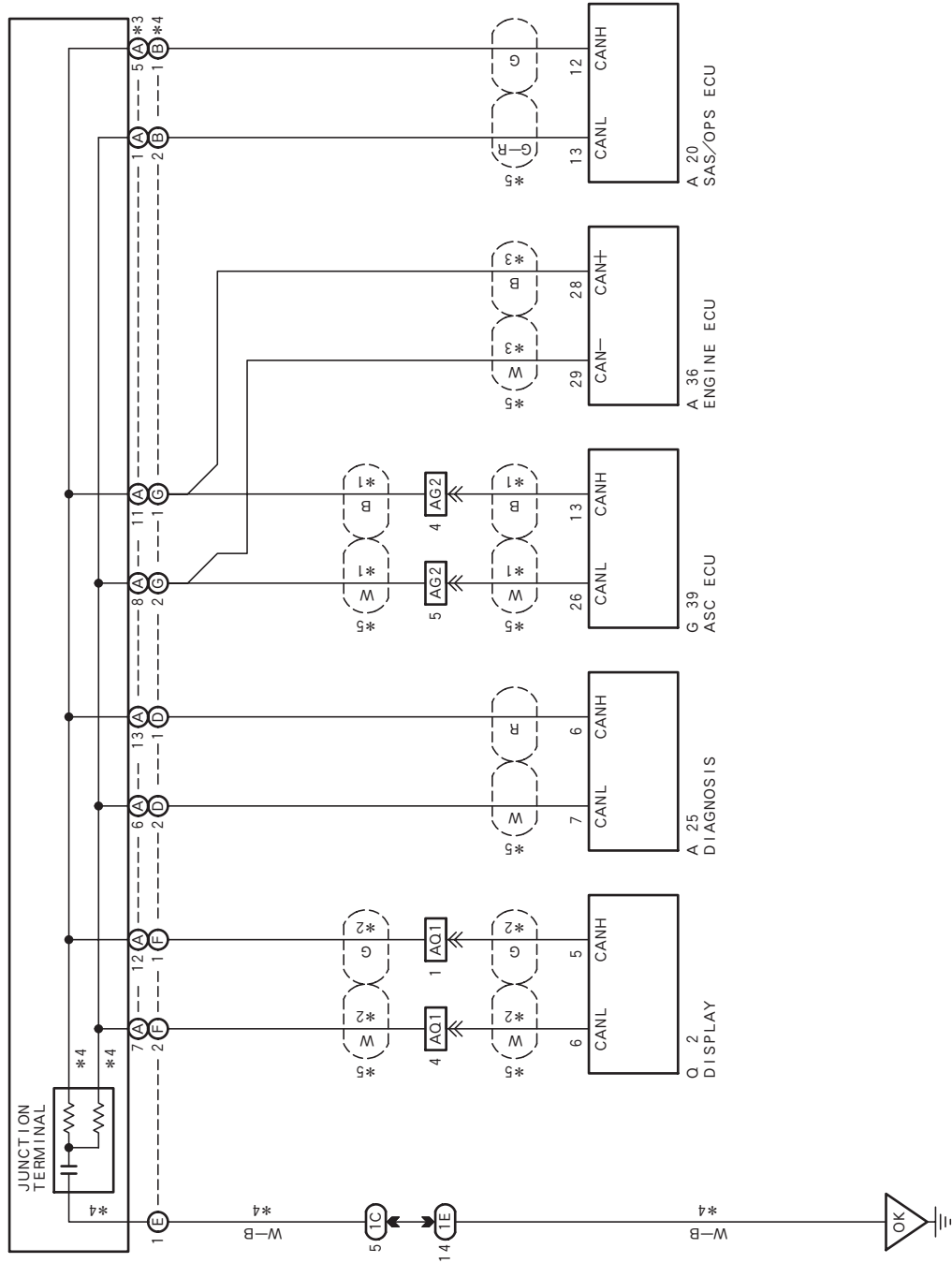
**EARTH**

Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH

CAN

- \* 1:W/ ASC
- \* 2:W/ MULTI DISPLAY
- \* 3:4Y-E
- \* 4:1DZ
- \* 5:TWISTED WIRE

A 27 (A)  
 JUNCTION CONNECTOR  
 A 29 (B), A 31 (D), A 32 (E), A 33 (F), A 34 (G)  
 CAN JOINT CONNECTOR



## CAN

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 20	E2-6	A 29	E2-8,19	A 33	E2-8,19	G 39	E2-8
A 25	E2-8	A 31	E2-8,19	A 34	E2-8,19	Q 2	E2-6
A 27	E2-8	A 32	E2-8,19	A 36	E2-8		

**RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

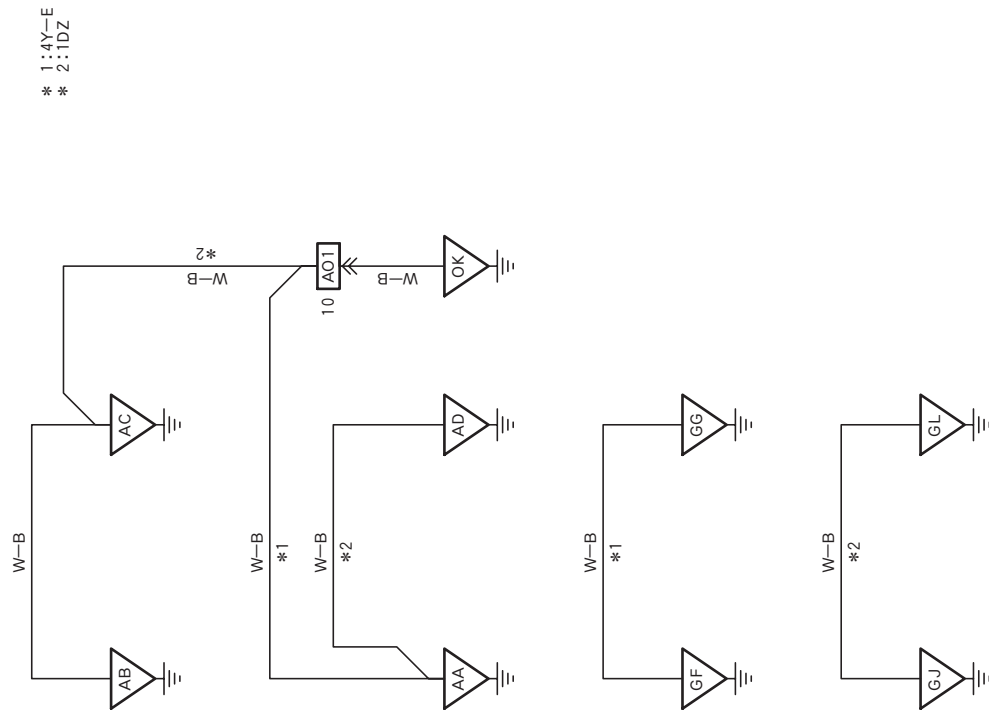
**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
AG2	E2-8	BODY MAIN WIRE to ENGINE WIRE
AQ1	E2-6	BODY MAIN WIRE to INSTRUMENT PANEL WIRE

**EARTH**

Code	See Page	Name
OK	E2-12	REAR PILLAR LEFT UNDER EARTH

EARTH TO EARTH



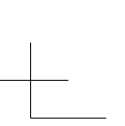
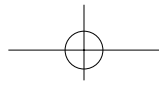
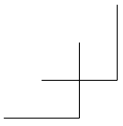
## EARTH TO EARTH

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AO1	E2-8	BODY MAIN WIRE to SIDE LH WIRE

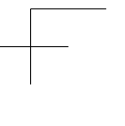
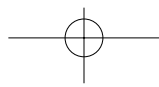
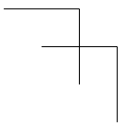
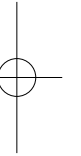
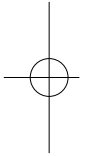
## EARTH

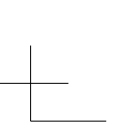
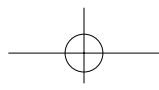
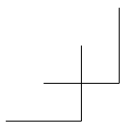
Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AB	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AC	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AD	E2-8	TRANSMISSION UPPER EARTH
GF	E2-2	ENGINE UPPER EARTH
GG	E2-2	ENGINE UPPER EARTH
GJ	E2-4	JUNCTION BLOCK IN FRONT INSIDE EARTH
GL	E2-4	JUNCTION BLOCK IN FRONT INSIDE EARTH
OK	E2-12	REAR PILLAR LEFT UNDER EARTH



MEMO

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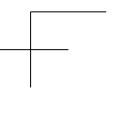
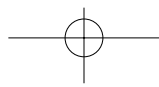
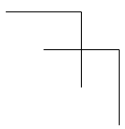
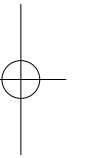
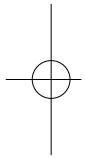




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## CHAPTER 4 GROUND POINTS

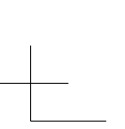
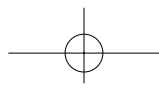
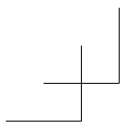
**E4**



## GROUND POINTS

CODE	LOCATION	SYSTEM NAME	PAGE
AA	FRONT PLATE LEFT OUTSIDE EARTH	BACK UP LAMP BUZZER & SMART ALARM	E3-72
		CLEARANCE LAMP	E3-70
		COMPARTMENT LAMP	E3-46
		EZ PEDAL	E3-30
		FAN	E3-80
		HEAD LAMP	E3-64
		POWER SHIFT TRANSMISSIN	E3-26
		SAS/OPS SYSTEM	E3-36
		STOP LAMP	E3-76
		STROBE LIGHT	E3-48
AB	FRONT PLATE LEFT OUTSIDE EARTH	TURN SIGNAL LAMP	E3-66
		ASC	E3-20
		BACK UP LAMP BUZZER & SMART ALARM	E3-72
		COMBINATION METER	E3-50
		ENGINE CONTROL (4Y-E)	E3-10
		POWER SOURCE	E3-2
		SAS/OPS SYSTEM	E3-36
		STARTING	E3-6
AC	FRONT PLATE LEFT OUTSIDE EARTH	TURN SIGNAL LAMP	E3-66
		WET BRAKE	E3-34
		FRONT WIPER & WASHER	E3-56
		HEATER	E3-78
		HORN & W/ REAR HORN SWITCH	E3-60
		LPG WARNING SYSTEM (4Y-E)	E3-24
		POWER SOURCE	E3-2
AD	TRANSMISSIN UPPER EARTH	REAR WIPER & WASHER	E3-58
		STARTING	E3-6
GF	ENGINE UPPER EARTH	TURN SIGNAL LAMP	E3-66
		POWER SHIFT TRANSMISSIN	E3-26
GG	ENGINE UPPER EARTH	ENGINE CONTROL (4Y-E)	E3-10
		LPG WARNING SYSTEM (4Y-E)	E3-24
		DIAG	E3-42
GJ	JUNCTION BLOCK IN FRONT INSIDE EARTH	ENGINE CONTROL (4Y-E)	E3-10
		LPG WARNING SYSTEM (4Y-E)	E3-24
IH	REAR PILLAR LEFT UNDER EARTH	ASC	E3-20
		GLOW	E3-16
JL	FRONT PLATE LEFT INSIDE EARTH	POWER SOURCE	E3-2
		STARTING	E3-6
OK	REAR PILLAR LEFT UNDER EARTH	STARTING	E3-6
		CAN	E3-82
		CNG DIGITAL METER	E3-62
		COMBINATION METER	E3-50
		DIAG	E3-42
		GLOW	E3-16
		HORN & W/ REAR HORN SWITCH	E3-60
		MULTI DISPLAY	E3-54
REAR WORKING LAMP	E3-44		
SAS/OPS SYSTEM	E3-36		

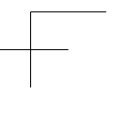
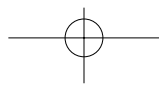
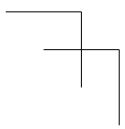
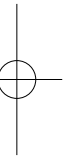
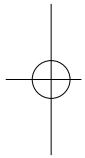




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## CHAPTER 5 FUSES FOR POWER SUPPLY

**E5**



## FUSES FOR POWER SUPPLY

## FUSIBLE LINK BLOCK ASSY

FUSE		SYSTEM NAME	PAGE
60A	GLOW	GLOW	E3-16
100A	ALT	CHARGING	E3-4

## FUSIBLE LINK BLOCK-1

FUSE		SYSTEM NAME	PAGE
100A	ALT	CHARGING	E3-4

## FUSIBLE LINK BLOCK-2

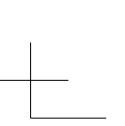
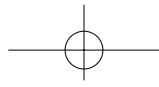
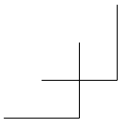
FUSE		SYSTEM NAME	PAGE
60A	GLOW	GLOW	E3-16

## ENGINE ROOM R/B

FUSE		SYSTEM NAME	PAGE
7.5A	ALT-S	CHARGING	E3-4
7.5A	ECU-B	SAS/OPS SYSTEM	E3-36
7.5A	ECU-B2	ASC	E3-20
7.5A	HORN	HORN & W/ REAR HORN SWITCH	E3-60
7.5A	HOUR MET	COMBINATION METER	E3-50
7.5A	IGN	ASC	E3-20
		FUEL	E3-8
		GLOW	E3-16
7.5A	SFT	BACK UP LAMP BUZZER & SMART ALARM	E3-72
		EZ PEDAL	E3-30
		POWER SHIFT TRANSMISSIN	E3-26
7.5A	ST	EZ PEDAL	E3-30
		GLOW	E3-16
		STARTING	E3-6
7.5A	STOP	SAS/OPS SYSTEM	E3-36
		STOP LAMP	E3-76
7.5A	TAIL	CLEARANCE LAMP	E3-70
7.5A	TURN	TURN SIGNAL LAMP	E3-66
10A	BACK LP	BACK UP LAMP BUZZER & SMART ALARM	E3-72
		STROBE LIGHT	E3-48
10A	BLR	FAN	E3-80
10A	ECU-IG	DIAG	E3-42
		MINI LEVER	E3-40
		MULTI DISPLAY	E3-54
		POWER SHIFT TRANSMISSIN	E3-26
		SAS/OPS SYSTEM	E3-36

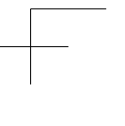
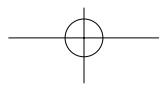
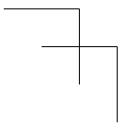
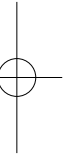
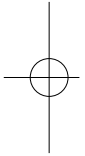
## FUSES FOR POWER SUPPLY

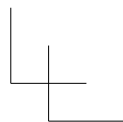
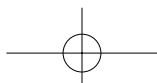
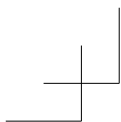
FUSE		SYSTEM NAME	PAGE
10A	GAUGE	BACK UP LAMP BUZZER & SMART ALARM	E3-72
		CHARGING	E3-4
		CLEARANCE LAMP	E3-70
		CNG DIGITAL METER	E3-62
		COMBINATION METER	E3-50
		COMPARTMENT LAMP	E3-46
		ENGINE CONTROL (4Y-E)	E3-10
		FRONT WIPER & WASHER	E3-56
		GLOW	E3-16
		HEAD LAMP	E3-64
		HEATER	E3-78
		REAR WIPER & WASHER	E3-58
		SAS/OPS SYSTEM	E3-36
		STOP LAMP	E3-76
		STROBE LIGHT	E3-48
		TURN SIGNAL LAMP	E3-66
		WET BRAKE	E3-34
15A	EFI	ENGINE CONTROL (4Y-E)	E3-10
		LPG WARNING SYSTEM (4Y-E)	E3-24
15A	E-THRO	ENGINE CONTROL (4Y-E)	E3-10
15A	HEAD	HEAD LAMP	E3-64
15A	HTR	HEATER	E3-78
15A	IGN	ENGINE CONTROL (4Y-E)	E3-10
15A	WORK LP	COMPARTMENT LAMP	E3-46
		REAR WORKING LAMP	E3-44
20A	FR WIP	FRONT WIPER & WASHER	E3-56
20A	RR WIP	REAR WIPER & WASHER	E3-58
30A	STA	STARTING	E3-6



MEMO

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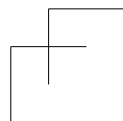
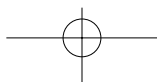
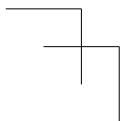
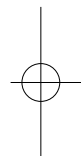
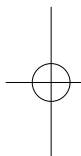
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## CHAPTER 6 CONNECTOR LIST

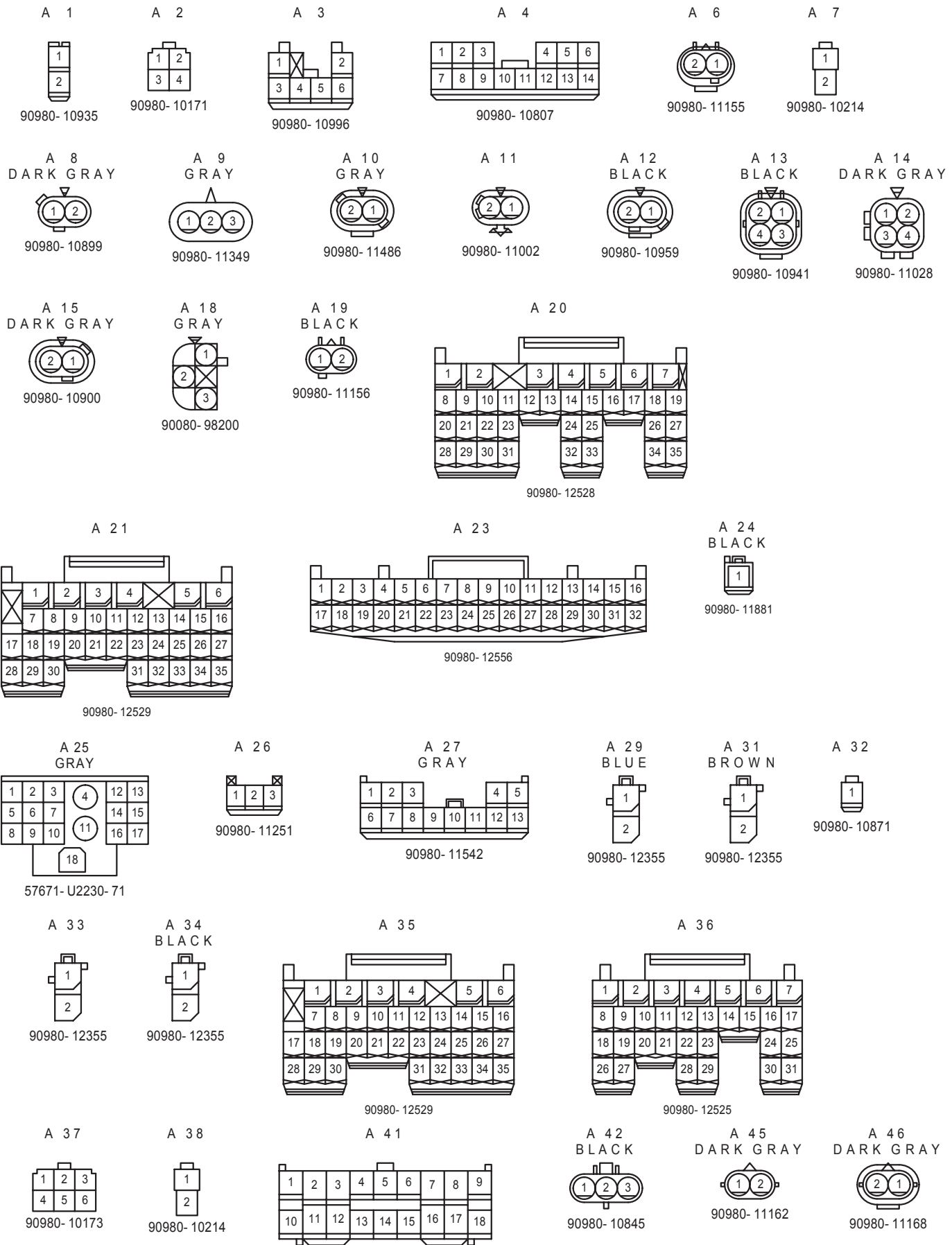
CONNECTOR LIST  
PARTS CONNECTOR ..... E6-2

WIRE TO WIRE  
WIRE TO WIRE ..... E6-8

**E6**



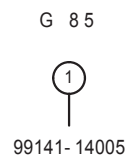
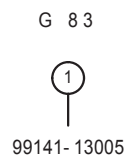
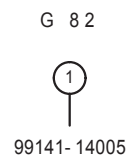
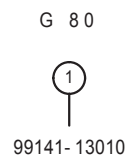
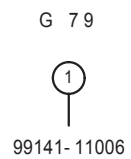
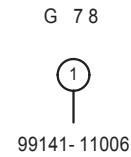
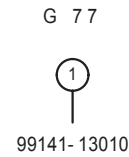
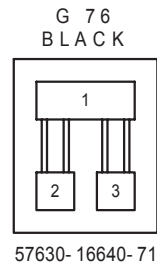
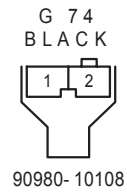
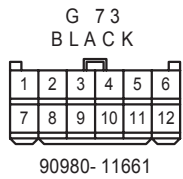
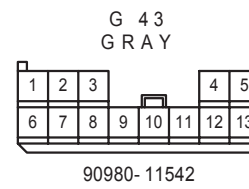
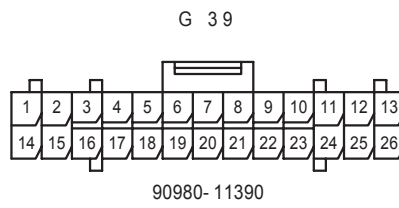
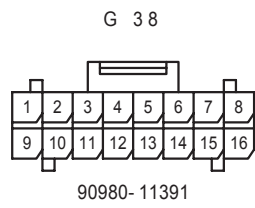
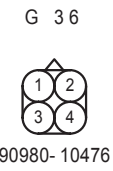
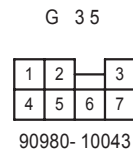
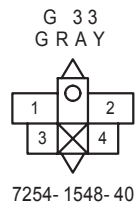
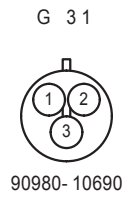
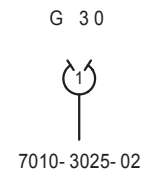
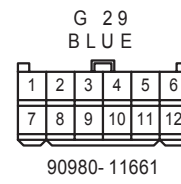
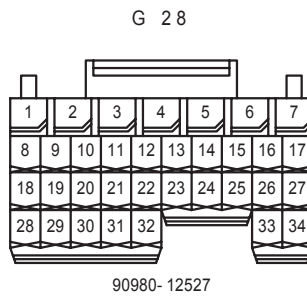
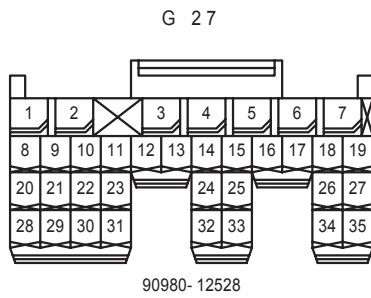
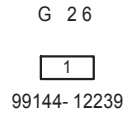
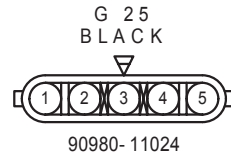
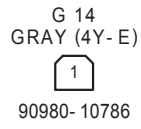
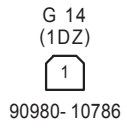
CONNECTOR LIST



CONNECTOR LIST



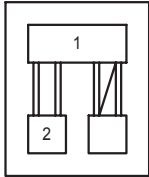

















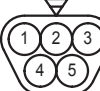


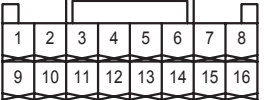
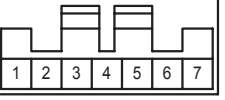


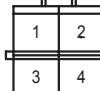

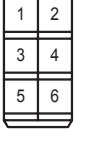
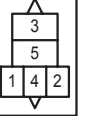

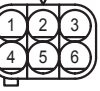
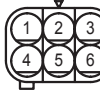







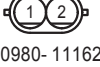
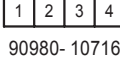







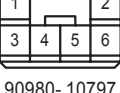

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<p>A 55 GRAY</p> <p>90980-10899</p>	<p>A 56</p> <p>90980-11168</p>	<p>A 64</p> <p>90980-11915</p>		<p>A 65 BLACK</p> <p>90980-11661</p>	<p>A 66 BLUE</p> <p>90980-11661</p>	
<p>A 68</p> <p>90980-11003</p>	<p>A 69 BLACK</p> <p>90980-11162</p>	<p>A 70 GRAY</p> <p>90980-11162</p>	<p>A 71</p> <p>90980-11251</p>	<p>A 73</p> <p>90980-10942</p>	<p>A 74</p> <p>90980-10941</p>	<p>A 75</p> <p>90980-10942</p>
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<p>A 83</p> <p>90980-10173</p>	<p>A 84</p> <p>90980-10173</p>	<p>A 85</p> <p>90980-10173</p>	<p>A 86</p> <p>90980-10887</p>	<p>A 87</p> <p>90980-10886</p>	<p>B 1</p> <p>90980-10214</p>	<p>B 3</p> <p>180900</p>
<p>B 5 GRAY</p> <p>82660-53010</p>	<p>B 6</p> <p>90980-10214</p>	<p>C 1 DARK GRAY</p> <p>90980-10869</p>	<p>C 3 BLACK</p> <p>90980-10622</p>	<p>C 4</p> <p>7316-2095</p>	<p>C 5</p> <p>7316-2095</p>	<p>C 6</p> <p>90980-11140</p>
<p>C 7</p> <p>90980-10825</p>	<p>D 1 GRAY</p> <p>90980-11025</p>	<p>G 1</p> <p>90980-09213</p>	<p>G 2</p> <p>90980-09567</p>	<p>G 4 BLACK</p> <p>90980-11349</p>	<p>G 6 BLACK</p> <p>90980-11858</p>	
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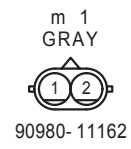
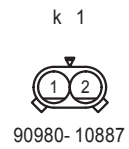
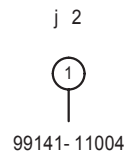
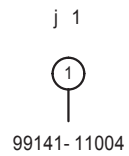
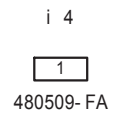
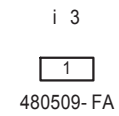
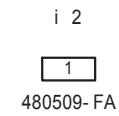
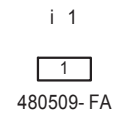
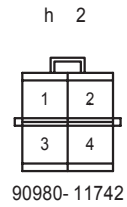
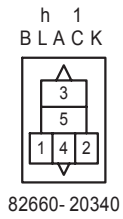
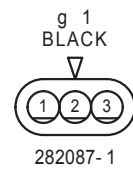
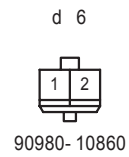
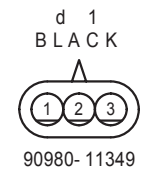
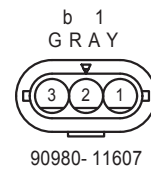
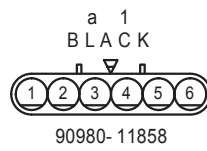
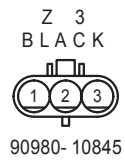
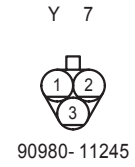
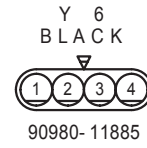
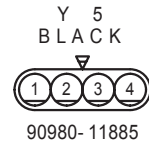
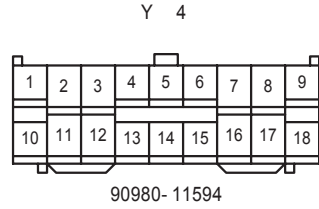
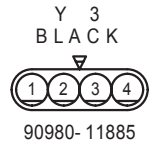
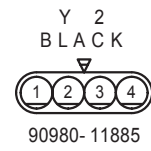
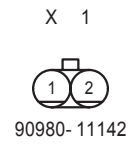
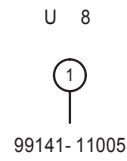
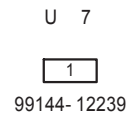
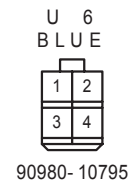
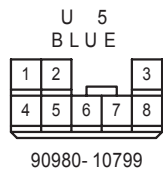




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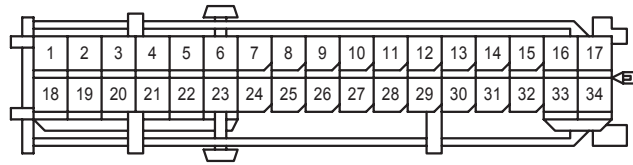
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<p>I 1</p>  <p>99142-15080</p>	<p>I 2</p>  <p>99142-16080</p>	<p>J 1</p>  <p>7003-1172-02</p>	<p>J 2</p>  <p>7003-1182-02</p>	<p>J 3</p>  <p>90980-09481</p>	<p>K 1 DARK GRAY</p>  <p>90980-11162</p>	<p>K 2 DARK GRAY</p>  <p>90980-10626</p>	<p>K 3 BLACK</p>  <p>90980-11235</p>
<p>K 5 DARK GRAY</p>  <p>90980-11156</p>	<p>K 6 DARK GRAY</p>  <p>90980-10626</p>	<p>M 1</p>  <p>7010-3015</p>	<p>M 2</p>  <p>7010-3015</p>	<p>O 1</p>  <p>90980-11016</p>	<p>O 2 GRAY</p>  <p>90980-11077</p>	<p>O 3 GRAY</p>  <p>90980-10256</p>	
<p>O 4 BLACK</p>  <p>90980-11070</p>	<p>Q 1</p>  <p>90980-12553</p>	<p>Q 2 GREEN</p>  <p>IL-AG5-7S-S3C1</p>	<p>R 1 BLACK</p>  <p>90980-11349</p>	<p>R 6</p>  <p>90980-10860</p>			
<p>S 2</p>  <p>90980-11742</p>	<p>S 3</p>  <p>90980-10795</p>	<p>S 4</p>  <p>90980-11011</p>	<p>S 8 BLACK</p>  <p>82660-20340</p>	<p>S 11 DARK GRAY</p>  <p>90980-11155</p>	<p>S 13 GRAY</p>  <p>90980-11034</p>		
<p>S 14 GRAY</p>  <p>90980-11034</p>	<p>S 15</p>  <p>99144-12239</p>	<p>S 16</p>  <p>99143-22040</p>	<p>S 17</p>  <p>99144-12239</p>	<p>S 18</p>  <p>99143-22040</p>	<p>S 19</p>  <p>99144-12239</p>	<p>S 20</p>  <p>99143-22040</p>	
<p>S 21 BLACK</p>  <p>90980-11162</p>	<p>S 22 GRAY</p>  <p>90980-11162</p>	<p>S 23 BLUE</p>  <p>90980-10716</p>	<p>T 8</p>  <p>90980-10214</p>	<p>T 9</p>  <p>CUT OFF</p>	<p>T 10</p>  <p>CUT OFF</p>		
<p>T 11 DARK GRAY</p>  <p>90980-10860</p>	<p>T 12</p>  <p>CUT OFF</p>	<p>T 13</p>  <p>CUT OFF</p>	<p>U 1 BLACK</p>  <p>90980-10795</p>	<p>U 2 BLACK</p>  <p>90980-10797</p>	<p>U 3 BLACK</p>  <p>90980-10799</p>		

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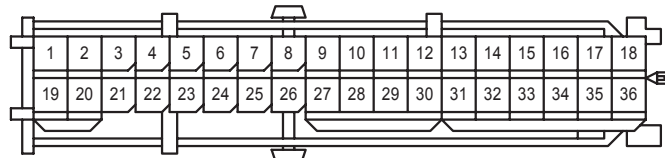
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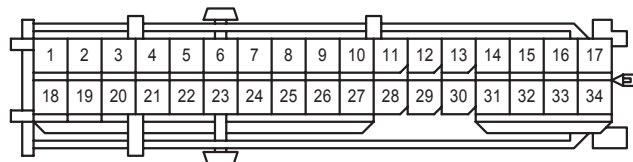
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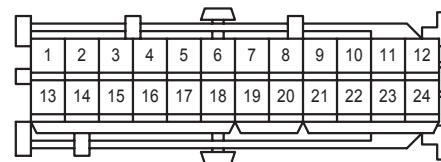
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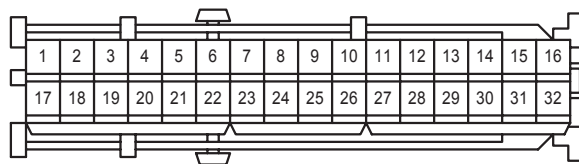
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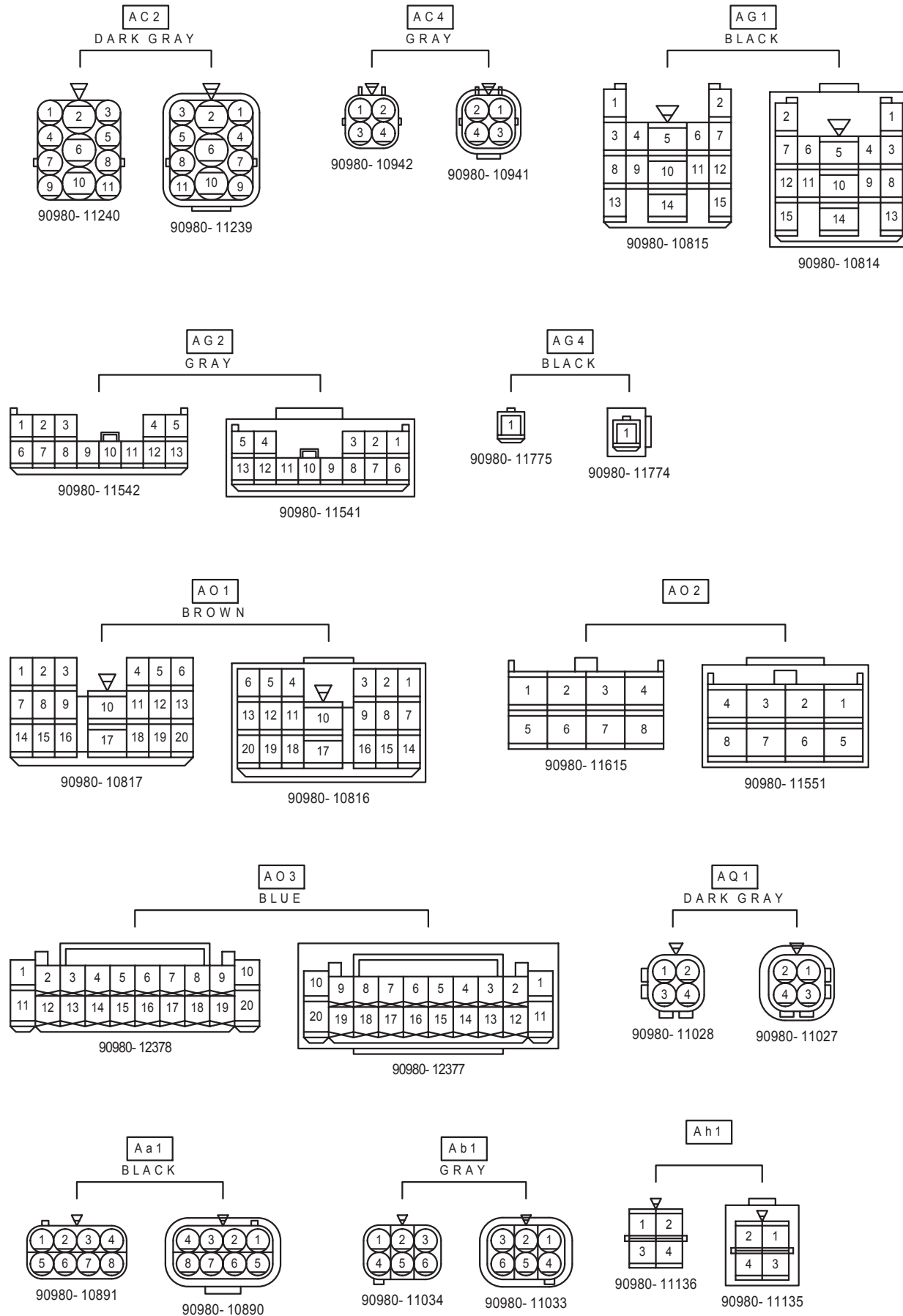
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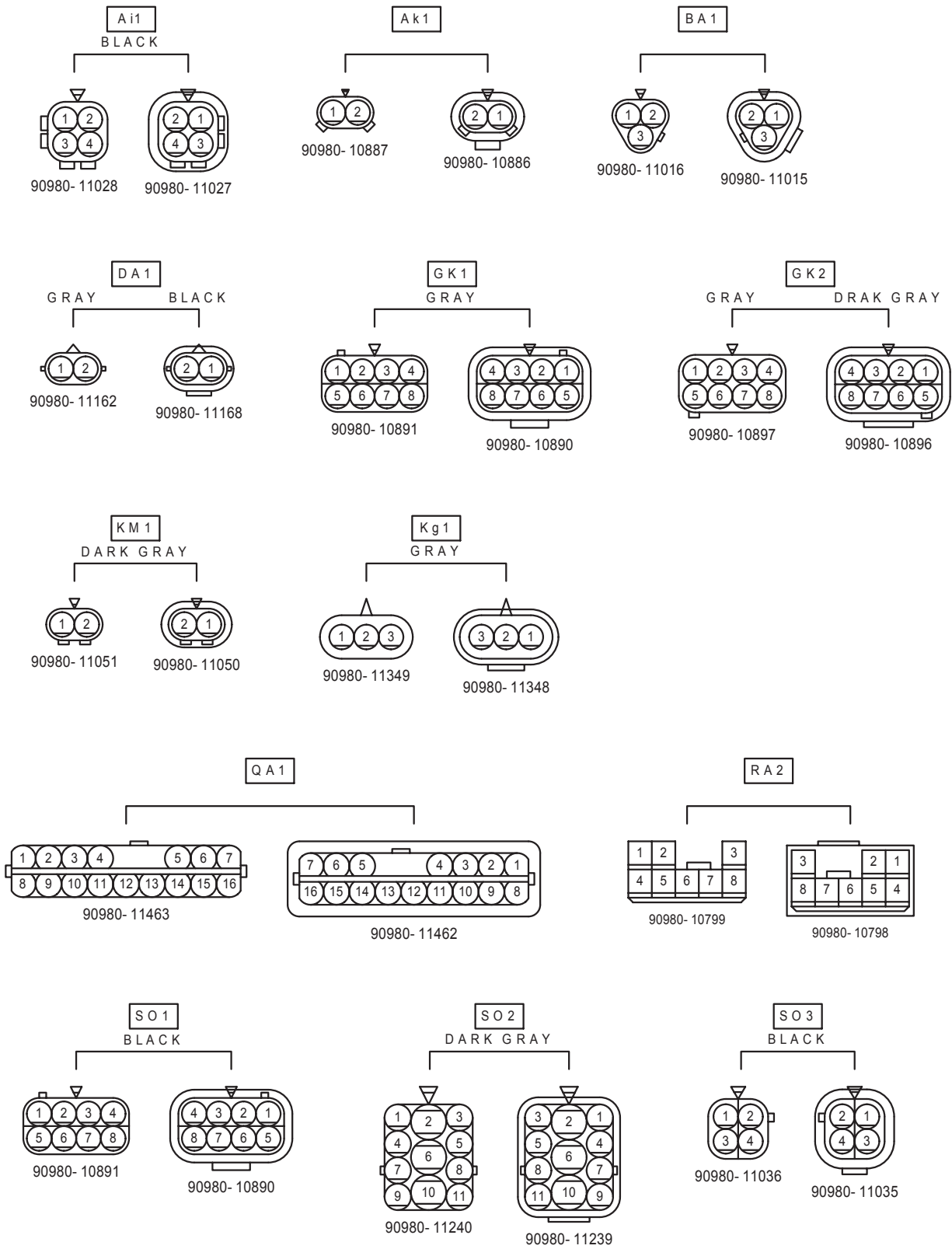


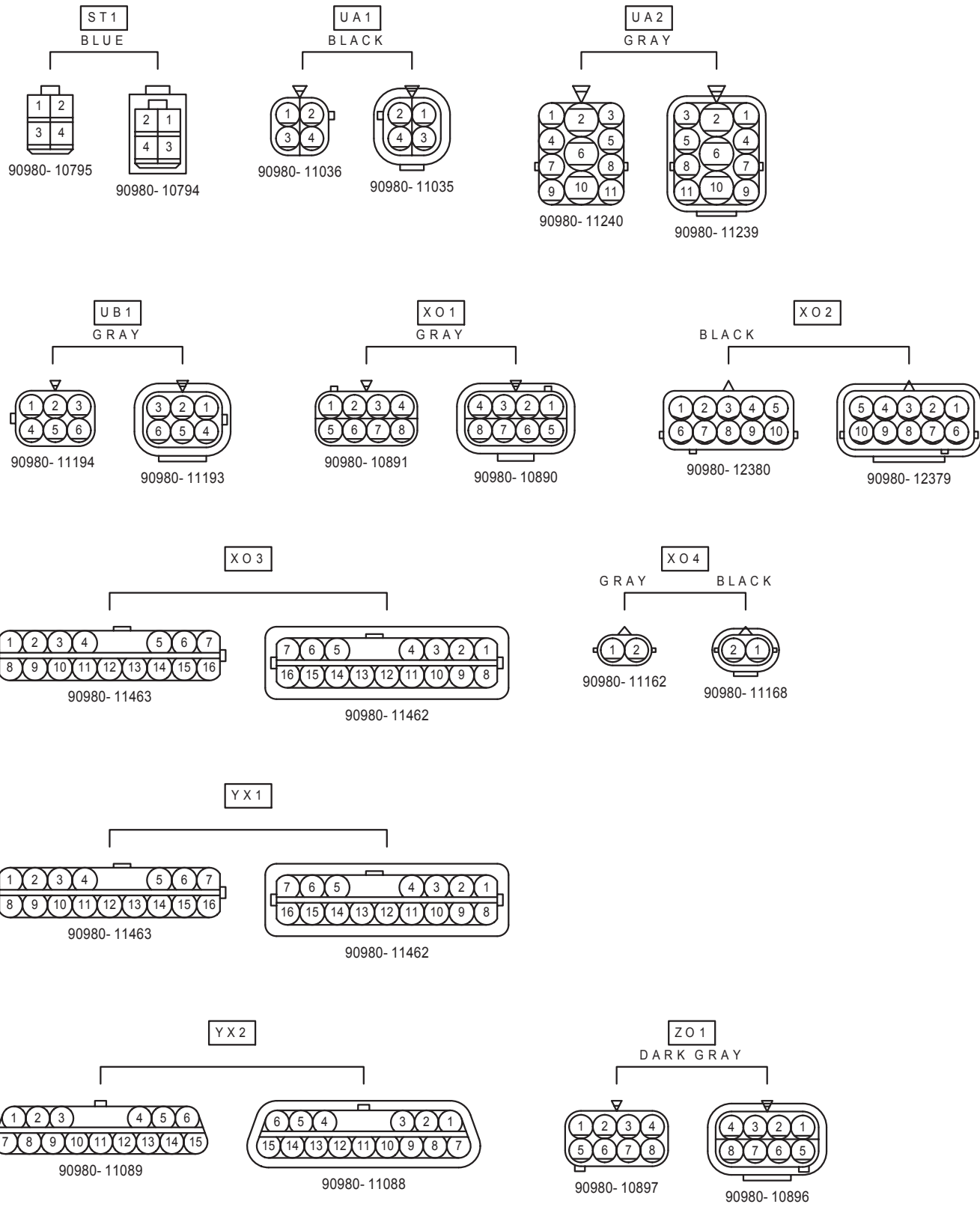
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WIRE TO WIRE

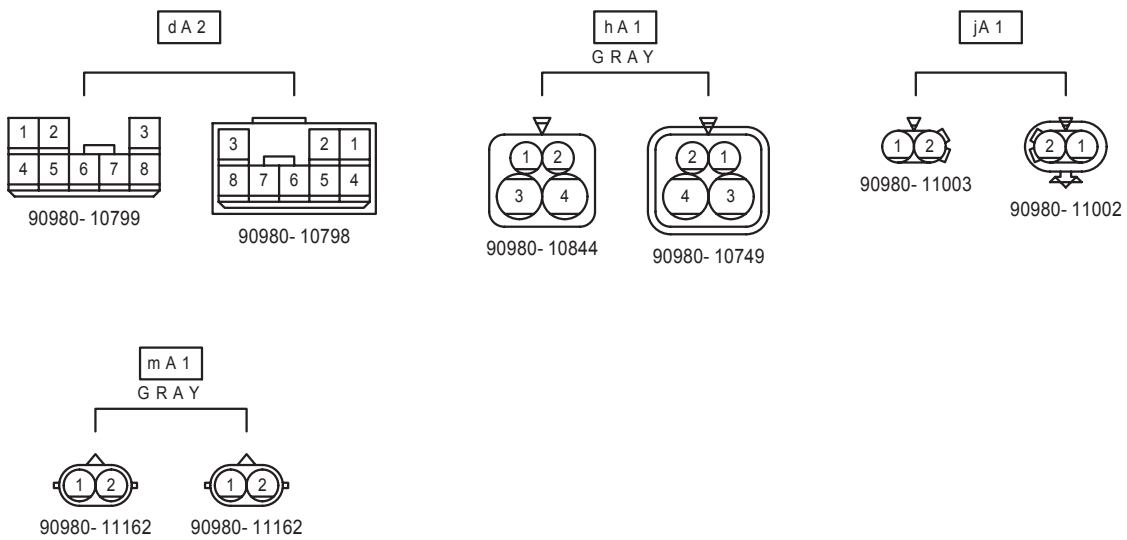


WIRE TO WIRE





WIRE TO WIRE



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## CHAPTER 8 ELECTRICAL WIRING ROUTINGS AND RELAY LOCATIONS

**E8**

### ELECTRICAL WIRING ROUTINGS

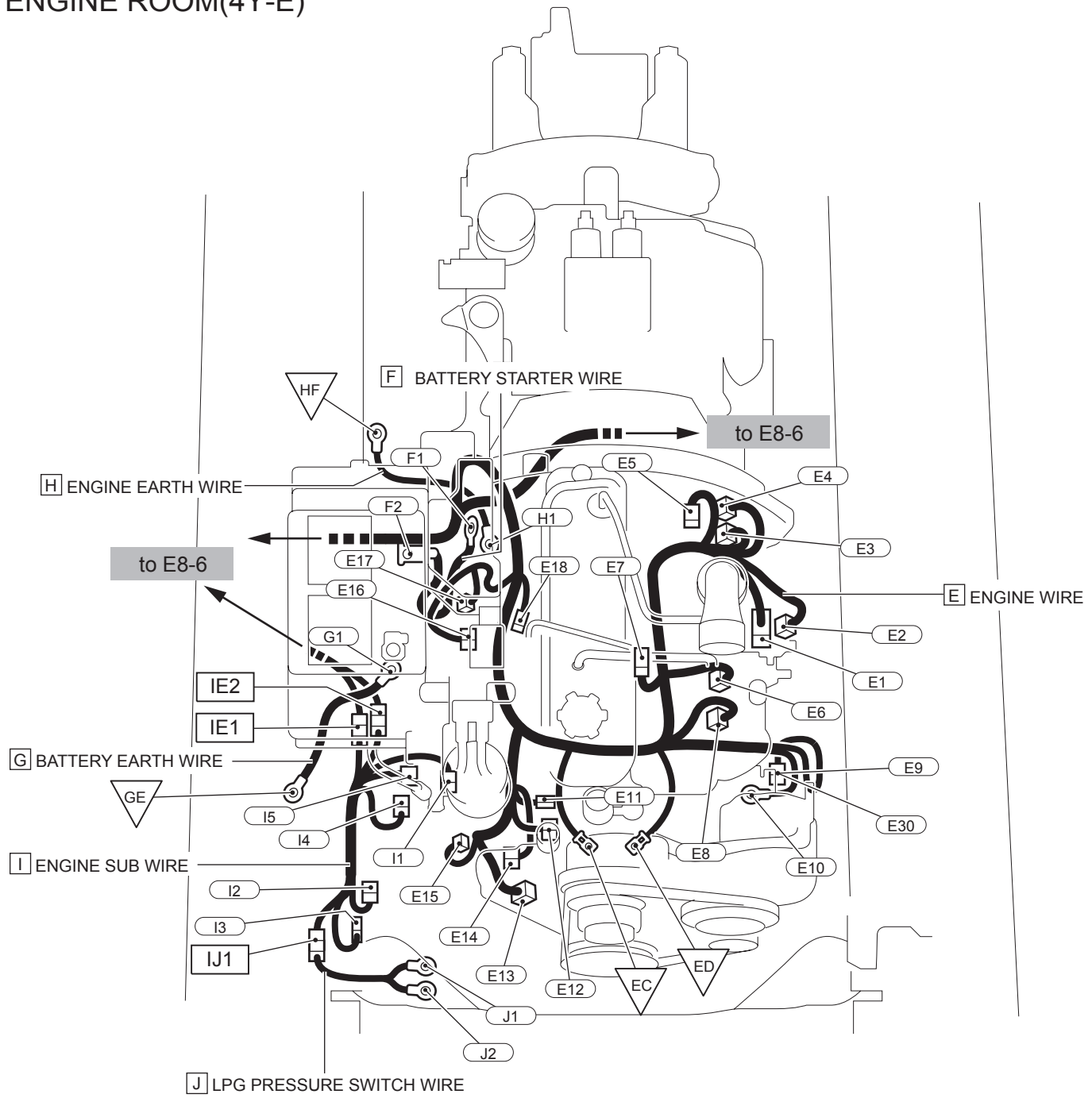
ENGINE ROOM .....	E8-2
INSTRUMENT PANEL .....	E8-4
FRONT BODY .....	E8-6
MAST AREA .....	E8-8
REAR BODY .....	E8-10

### RELAY LOCATIONS

RELAY BLOCK (R/B) .....	E8-12
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SYMBOLS	WIRE NAME	SYMBOLS	WIRE NAME
A	BODY MAIN WIRE	K	SIDE LH WIRE
B	SIDE RH WIRE	L	INSTRUMENT PANEL WIRE
C	T/C HEAT GAUGE WIRE	M	FR STAY WIRE RH
D	FLASHER WIRE	N	FR STAY WIRE LH
E	ENGINE WIRE	O	RR UPR MAIN WIRE
F	BATTERY STARTER WIRE	P	RR UPR SUB RH WIRE
G	BATTERY EARTH WIRE	Q	HEAD GUARD SW WIRE
H	ENGINE EARTH WIRE	R	HOOD MAIN WIRE
I	ENGINE SUB WIRE	S	MAST SENSOR WIRE
J	LPG PRESSURE SWITCH WIRE		

ENGINE ROOM(4Y-E)

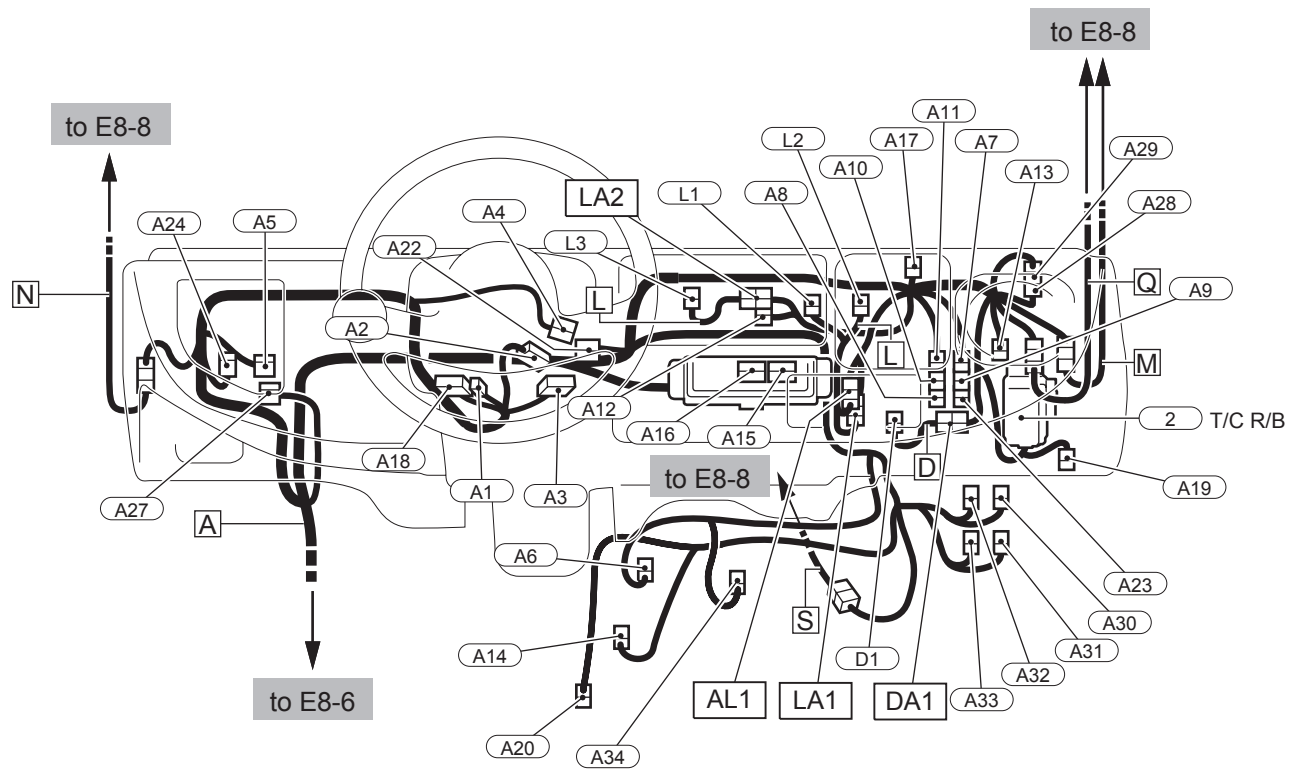


## ELECTRICAL WIRING ROUTINGS

(E1)	THROTTLE POSITION SENSOR(WITH MOTOR)	(IE1)	} ENGINE SUB WIRE to ENGINE WIRE
(E2)	LPG INJECTOR	(IE2)	
(E3)	INJECTOR NO.3	(IJ1)	ENGINE SUB WIRE to LPG PRESSURE SWITCH WIRE
(E4)	INJECTOR NO.4		
(E5)	VACUUM SENSOR		
(E6)	INJECTOR NO.2	(EC)	ENGINE UPPER EARTH
(E7)	FCM STEP MOTOR	(ED)	ENGINE UPPER EARTH
(E8)	INJECTOR NO.1		
(E9)	ALTERNATOR	(GE)	REAR PILLAR LEFT UNDER EARTH
(E10)	ALTERNATOR		
(E11)	WATER TEMPERATURE SENDER	(HF)	BODY EARTH
(E12)	WATER TEMPERATURE SENSOR		
(E13)	G2 SENSOR		
(E14)	DISTRIBUTOR		
(E15)	IGNITION COIL		
(E16)	OIL PRESSURE SWITCH		
(E17)	STARTER		
(E18)	TACHO CHECK		
(E30)	ALTERNATOR		
(F1)	STARTER		
(F2)	BATTERY		
(G1)	BATTERY		
(H1)	STARTER		
(I1)	LPG SOLENOID(SLOW)		
(I2)	LPG SOLENOID(MAIN)		
(I3)	LPG RESISTOR		
(I4)	LPG WARNING BUZZER		
(I5)	LPG WARNING RELAY		
(J1)	LPG PRESSURE SWITCH(+)		
(J2)	LPG PRESSURE SWITCH(-)		

INSTRUMENT PANEL

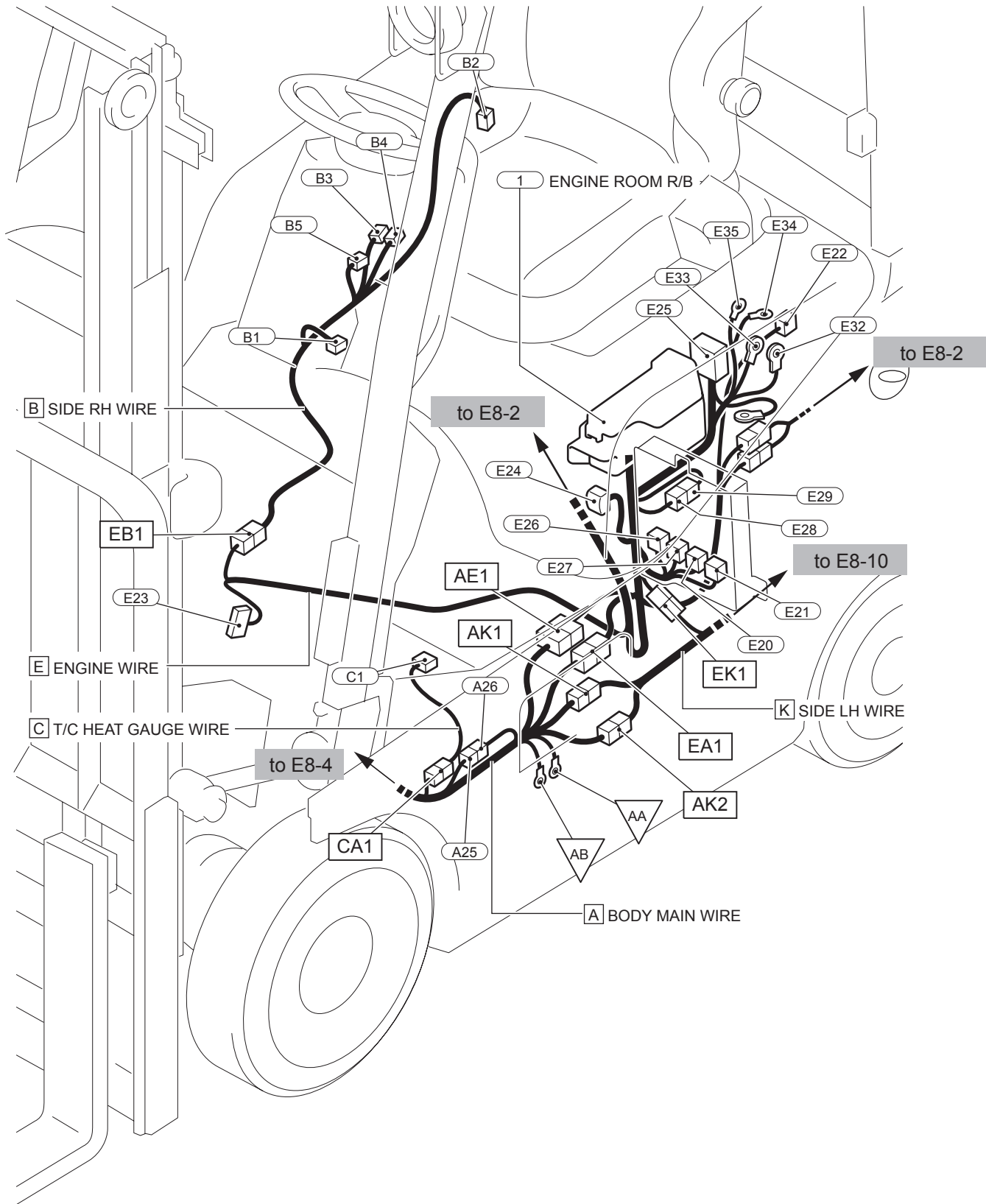
- |                                |                             |                           |
|--------------------------------|-----------------------------|---------------------------|
| <b>A</b> BODY MAIN WIRE        | <b>M</b> FR STAY WIRE RH    | <b>S</b> MAST SENSOR WIRE |
| <b>D</b> FLASHER WIRE          | <b>N</b> FR STAY WIRE LH    |                           |
| <b>L</b> INSTRUMENT PANEL WIRE | <b>Q</b> HEAD GUARD SW WIRE |                           |



## ELECTRICAL WIRING ROUTINGS

A1	HORN SWITCH
A2	IGNITION SWITCH
A3	LIGHT CONTROL SWITCH
A4	STOP LAMP SWITCH
A5	PARKING BRAKE SWITCH
A6	PRESSURE SENSOR
A7	TILT SOLENOID
A8	LIFT SOLENOID
A9	UNLOAD SOLENOID
A10	TILT SWITCH
A11	LIFT SWITCH
A12	NEUTRAL TILT SWITCH
A13	HORN
A14	SPEED SENSOR
A15	SAS/OPS ECU
A16	SAS/OPS ECU
A17	JUNCTION CONNECTOR(A)
A18	LEFT T/C SHIFT SWITCH
A19	TILT ANGLE SENSOR
A20	SHIFT SOLENOID
A22	DIODE
A23	BACK TILT SOLENOID
A24	BRAKE WARNING SWITCH
A27	OPS WARNING BUZZER
A28	JUNCTION CONNECTOR(B)
A29	JUNCTION CONNECTOR(B)
A30	FRONT SOLENOID RELAY
A31	REAR SOLENOID RELAY
A32	EZ MAIN RELAY
A33	BACK LAMP RELAY
A34	EZ PEDAL DIRECTION SWITCH
D1	FLASHER RELAY
L1	COMBINATION METER
L2	DISPLAY
L3	12V POWER SUPPLY
AL1	BODY MAIN WIRE to INSTRUMENT PANEL WIRE
DA1	FLASHER WIRE to BODY MAIN WIRE
LA1	INSTRUMENT PANEL WIRE to BODY MAIN WIRE
LA2	

FRONT BODY



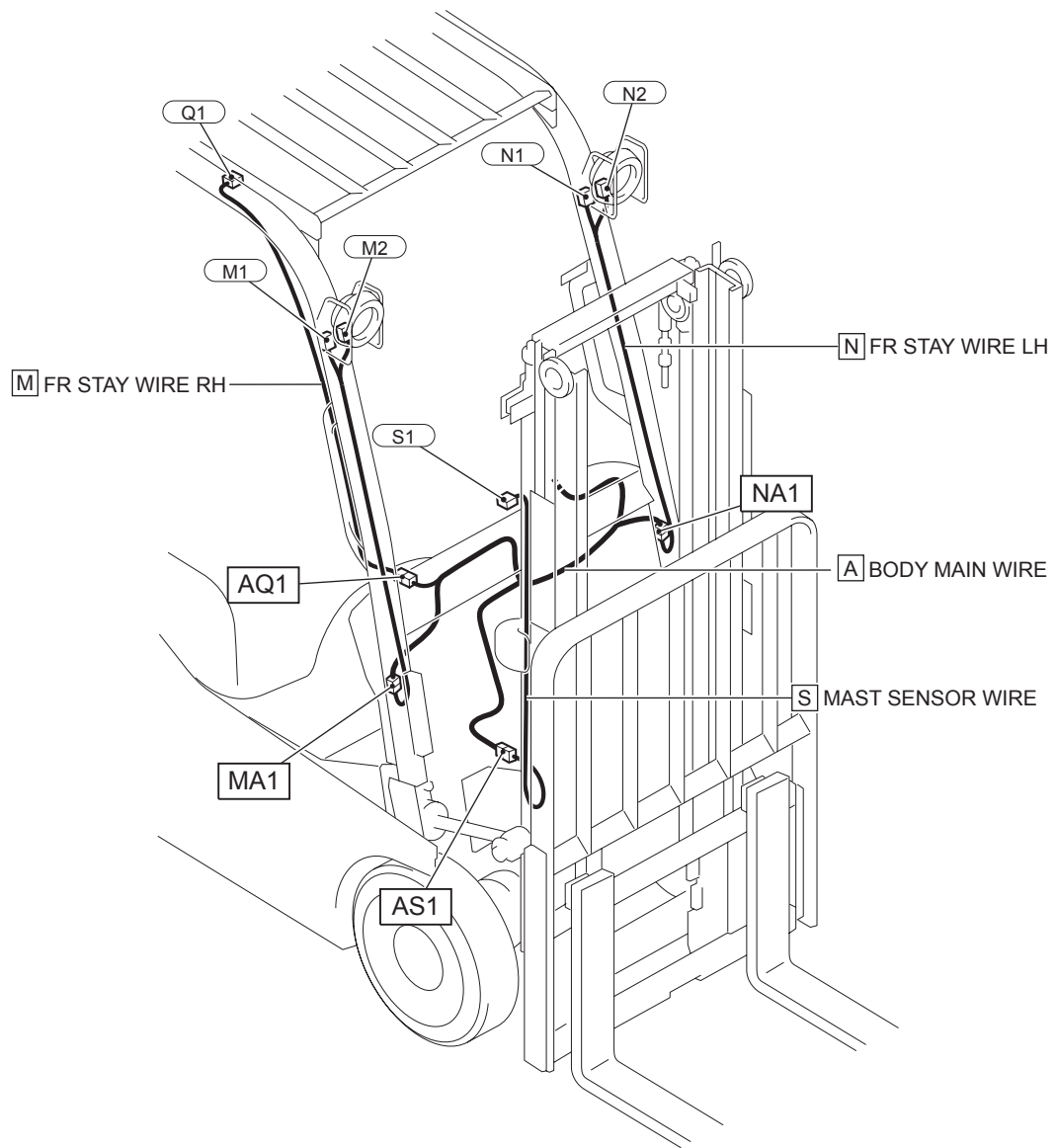
## ELECTRICAL WIRING ROUTINGS

A25	MATCHING CONNECTOR
A26	MATCHING CONNECTOR
B1	O2 SENSOR
B2	IN AIR SENSOR
B3	AIR CLEANER WARNING SWITCH(+)
B4	AIR CLEANER WARNING SWITCH(-)
B5	BACK UP BUZZER
C1	T/C OIL TEMPERATURE SENSOR
E20	ENGINE ECU
E21	ENGINE ECU
E22	LPG CHANGE SWITCH
E23	ACCEL SENSOR
E24	DIAGNOSIS
E25	FUSIBLE LINK BLOCK
E26	ENGINE ECU
E27	ENGINE ECU
E28	JUNCTION CONNECTOR(C)
E29	JUNCTION CONNECTOR(C)
E32	DISCONNECT SWITCH(BATT)
E33	DISCONNECT SWITCH(BATT)
E34	DISCONNECT SWITCH(ALT)
E35	DISCONNECT SWITCH(ALT)

AE1	BODY MAIN WIRE to ENGINE WIRE
AK1	BODY MAIN WIRE to SIDE LH WIRE
AK2	
CA1	T/C HEAT GAUGE WIRE to BODY MAIN WIRE
EA1	ENGINE WIRE to BODY MAIN WIRE
EB1	ENGINE WIRE to SIDE RH WIRE
EK1	ENGINE WIRE to SIDE LH WIRE

AA	FRONT PLATE LEFT OUTSIDE EARTH
AB	FRONT PLATE LEFT OUTSIDE EARTH

MAST AREA





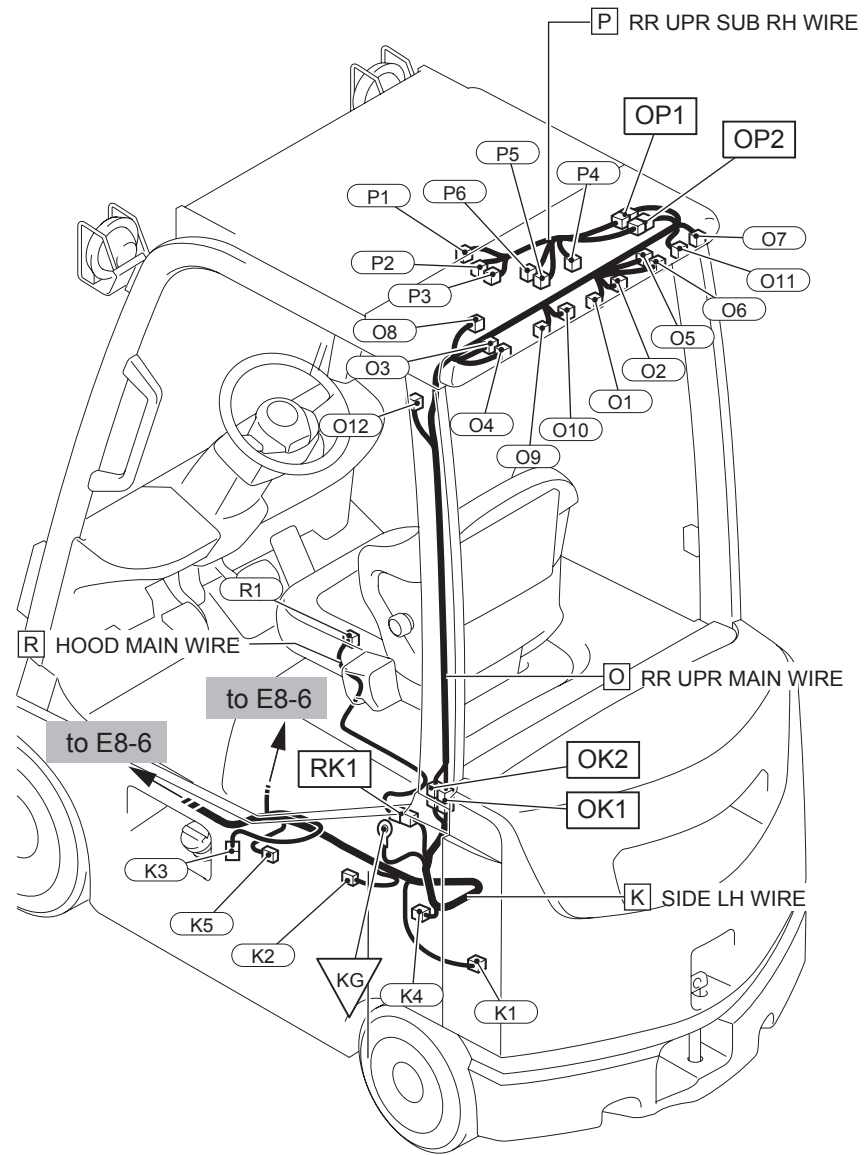
ELECTRICAL WIRING ROUTINGS

---

- M1 HEAD LAMP RIGHT
- M2 FRONT COMBINATION LAMP RIGHT
- N1 HEAD LAMP LEFT
- N2 FRONT COMBINATION LAMP LEFT
- Q1 LPG WARNING SWITCH
- S1 MAST SWITCH

- AQ1 BODY MAIN WIRE to HEAD GUARD SW WIRE
- AS1 BODY MAIN WIRE to MAST SENSOR WIRE
- MA1 FR STAY WIRE RH to BODY MAIN WIRE
- NA1 FR STAY WIRE LH to BODY MAIN WIRE

REAR BODY



## ELECTRICAL WIRING ROUTINGS

K1	SWING LOCK SOLENOID
K2	YAW RATE SENSOR
K3	FUEL SENDER GAUGE & FUEL PUMP
K4	RADIATOR WARNING SWITCH
K5	IGNITER
O1	REAR COMBINATION LAMP LEFT
O2	REAR COMBINATION LAMP RIGHT
O3	BEACON LAMP(+)
O4	BEACON LAMP(-)
O5	SMART ALARM(+)
O6	SMART ALARM(-)
O7	REAR HORN SWITCH
O8	LED REAR COMBINATION LAMP LEFT
O9	RESISTOR(STOP LAMP)
O10	RESISTOR(TURN LAMP)
O11	LED REAR COMBINATION LAMP RIGHT
O12	DIODE(LED REAR COMBINATION)
P1	COMPARTMENT LAMP
P2	COMPARTMENT LAMP SWITCH(+)
P3	COMPARTMENT LAMP SWITCH(-)
P4	WORK LAMP
P5	WORK LAMP SWICH(+)
P6	WORK LAMP SWICH(-)
R1	SEAT SWITCH

OK1	RR UPR MAIN WIRE to SIDE LH WIRE
OK2	
OP1	RR UPR MAIN WIRE to RR UPR SUB RH WIRE
OP2	
RK1	HOOD MAIN WIRE to SIDE LH WIRE

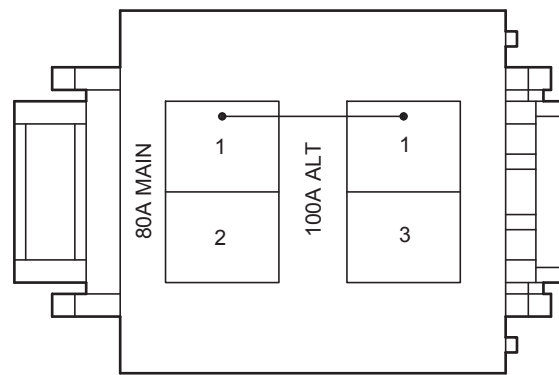
KG	RR PILLAR LEFT UNDER EARTH
----	----------------------------

E8-12

RELAY LOCATIONS

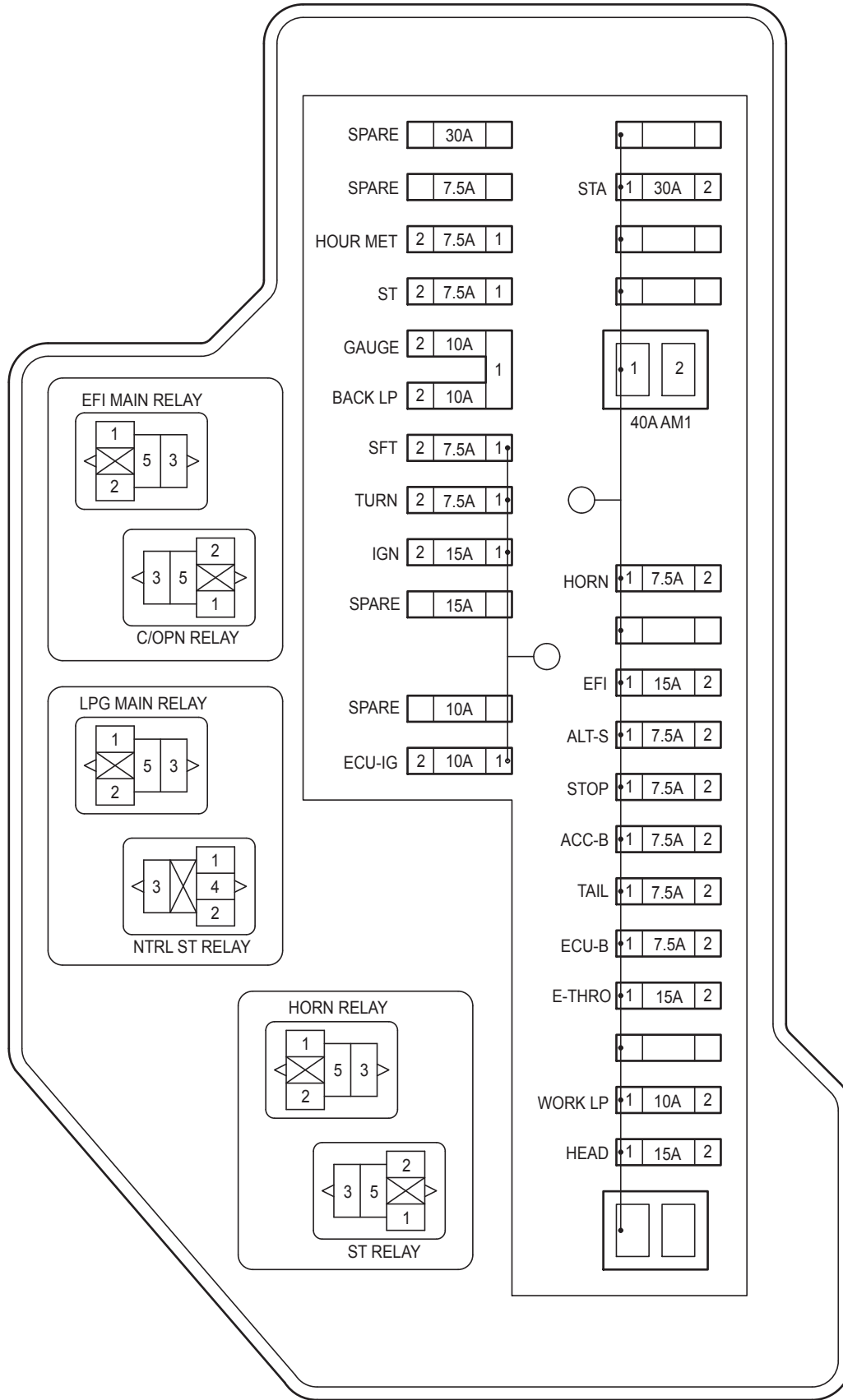
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FUSIBLE LINK BLOCK ASSY : ENGINE ROOM LEFT

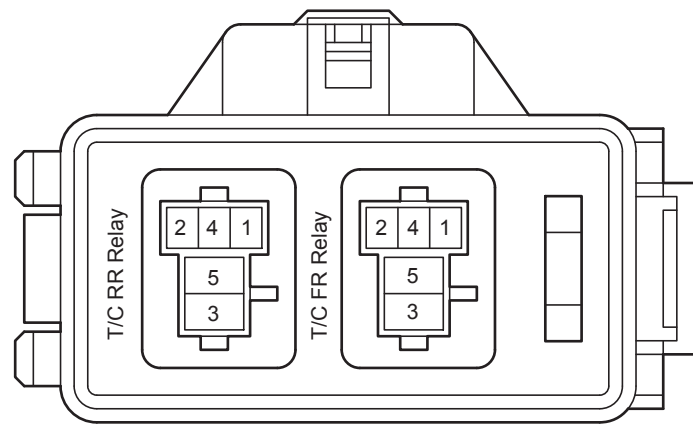


RELAY LOCATIONS

① ENGINE ROOM R/B : ENGINE ROOM LEFT



② T/C R/B : INSTRUMENT PANEL RIGHT

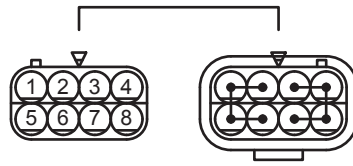


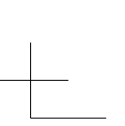
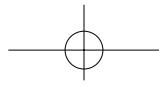
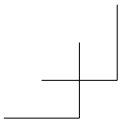
RELAY LOCATIONS

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JUNCTION CONNECTOR

GRAY (A17) JUNCTION CONNECTOR (A)

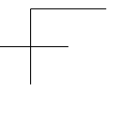
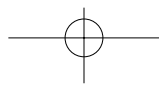
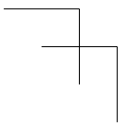
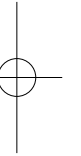
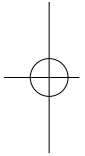




E8-16

MEMO

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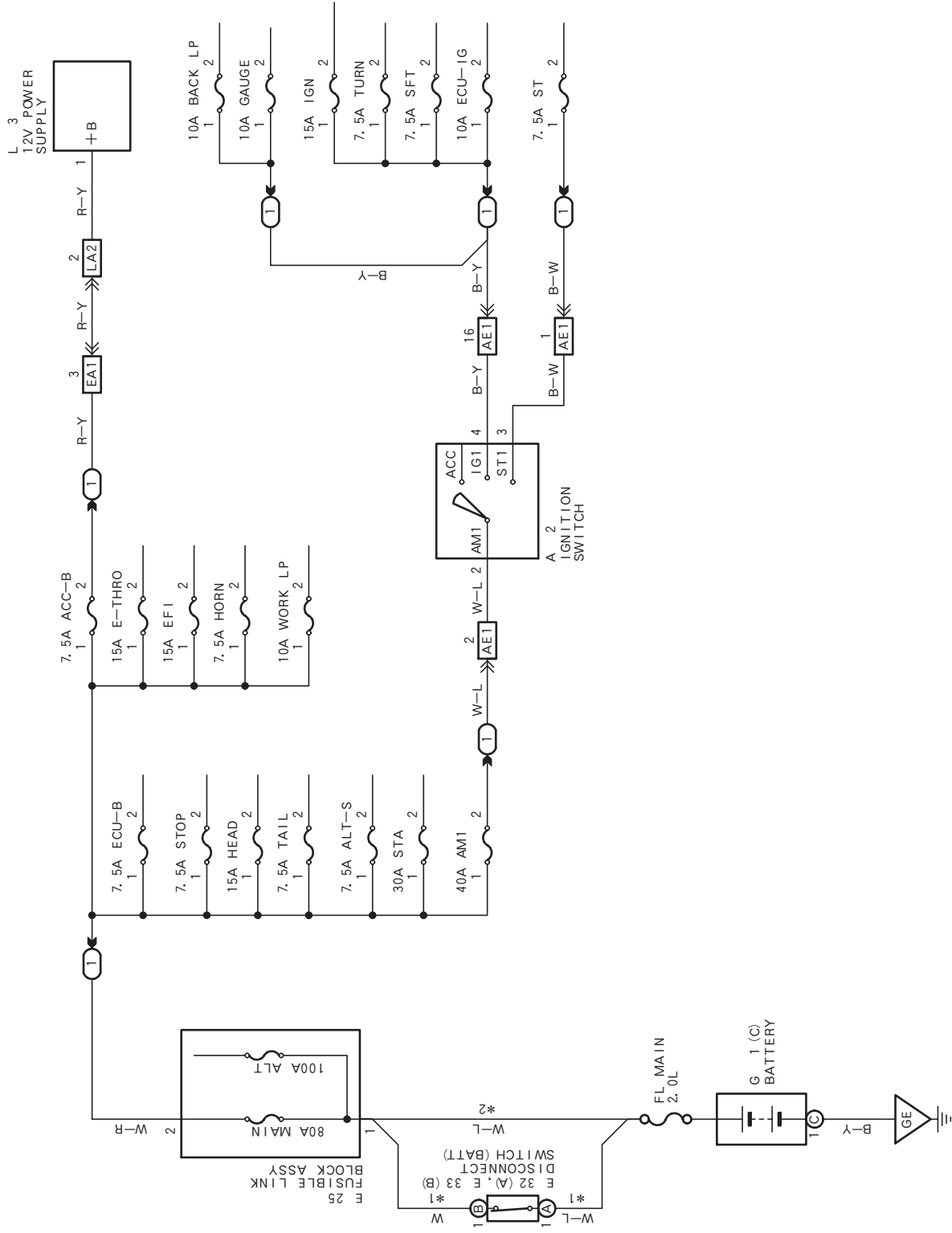


## CHAPTER 9 SYSTEM CIRCUITS

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POWER SOURCE

\* 1:LPS TYPE  
\* 2:EXCEPT LPS TYPE



## POWER SOURCE

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 2	E8-4	E 32	E8-6	G 1	E8-2		
E 25	E8-6,12	E 33	E8-6	L 3	E8-4		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

## WIRE TO WIRE

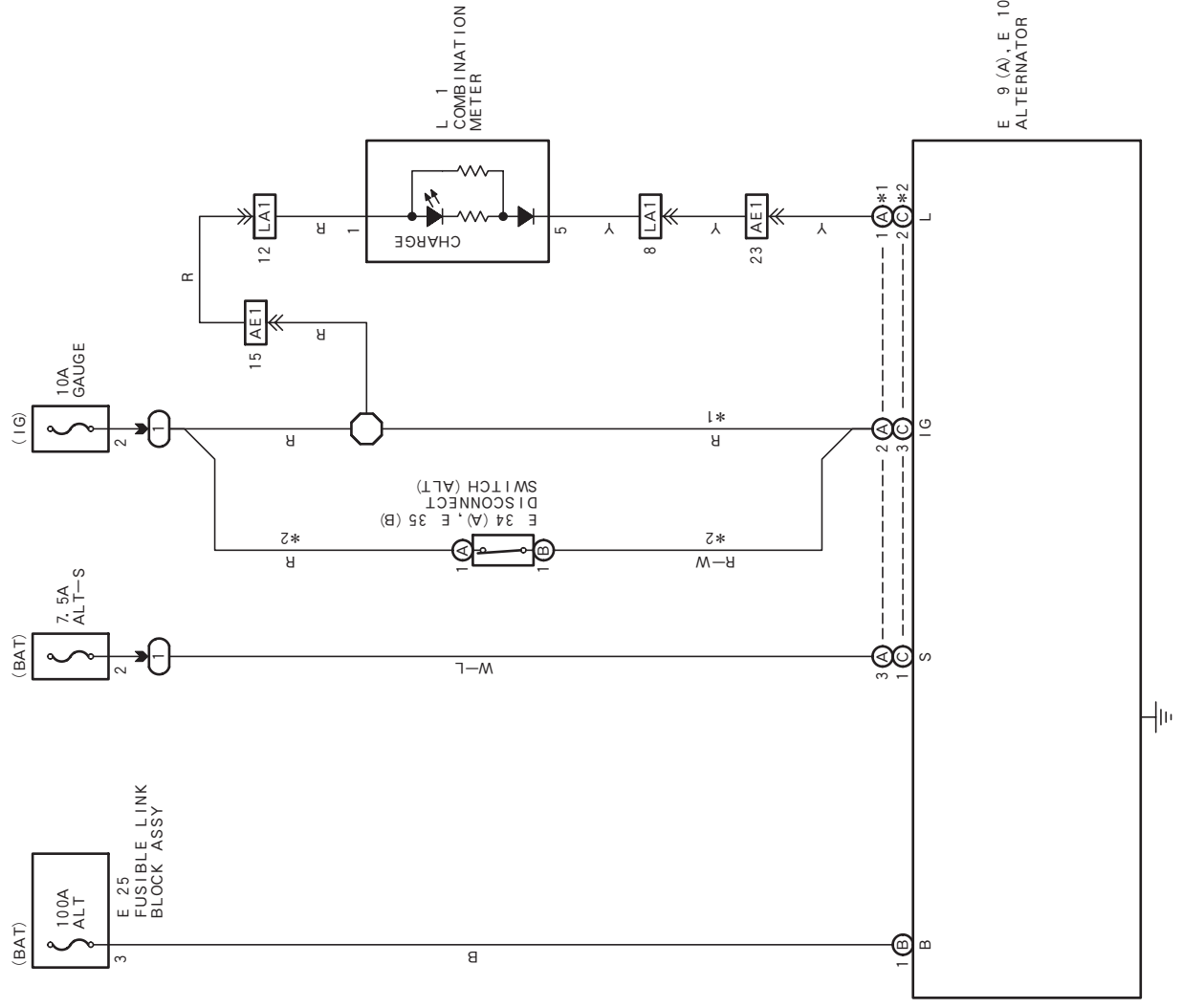
Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
EA1	E8-6	ENGINE WIRE to BODY MAIN WIRE
LA2	E8-4	INSTRUMENT PANEL WIRE to BODY MAIN WIRE

## EARTH

Code	See Page	Name
GE	E8-2	REAR PILLER LEFT UNDER EARTH

CHARGING

\* 1: EXCEPT LPS TYPE  
\* 2: LPS TYPE



E 9 (A), E 10 (B), E 30 (C)  
ALTERNATOR

---

**CHARGING**


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**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
E 9	E8-2	E 25	E8-6,12	E 34	E8-6	L 1	E8-4
E 10	E8-2	E 30	E8-2	E 35	E8-6		

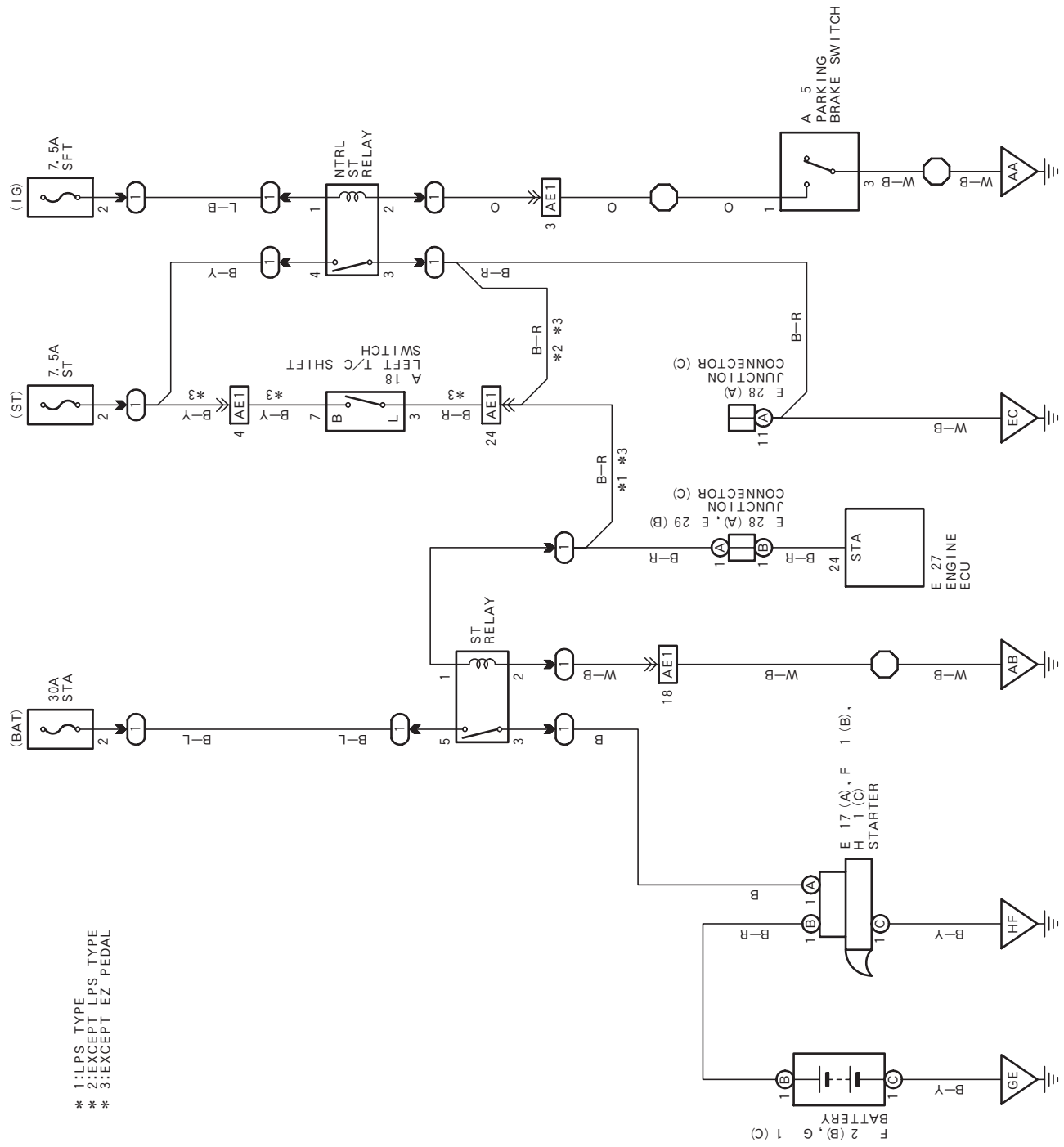
**RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
LA1	E8-4	INSTRUMENT PANEL WIRE to BODY MAIN WIRE

STARTING



- \* 1: LPS TYPE
- \*\* 2: EXCEPT LPS TYPE
- \*\* 3: EXCEPT EZ PEDAL

## STARTING

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 5	E8-4	E 27	E8-6	F 1	E8-2	H 1	E8-2
A 18	E8-4	E 28	E8-6	F 2	E8-2		
E 17	E8-2	E 29	E8-6	G 1	E8-2		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-13	ENGINE ROOM R/B

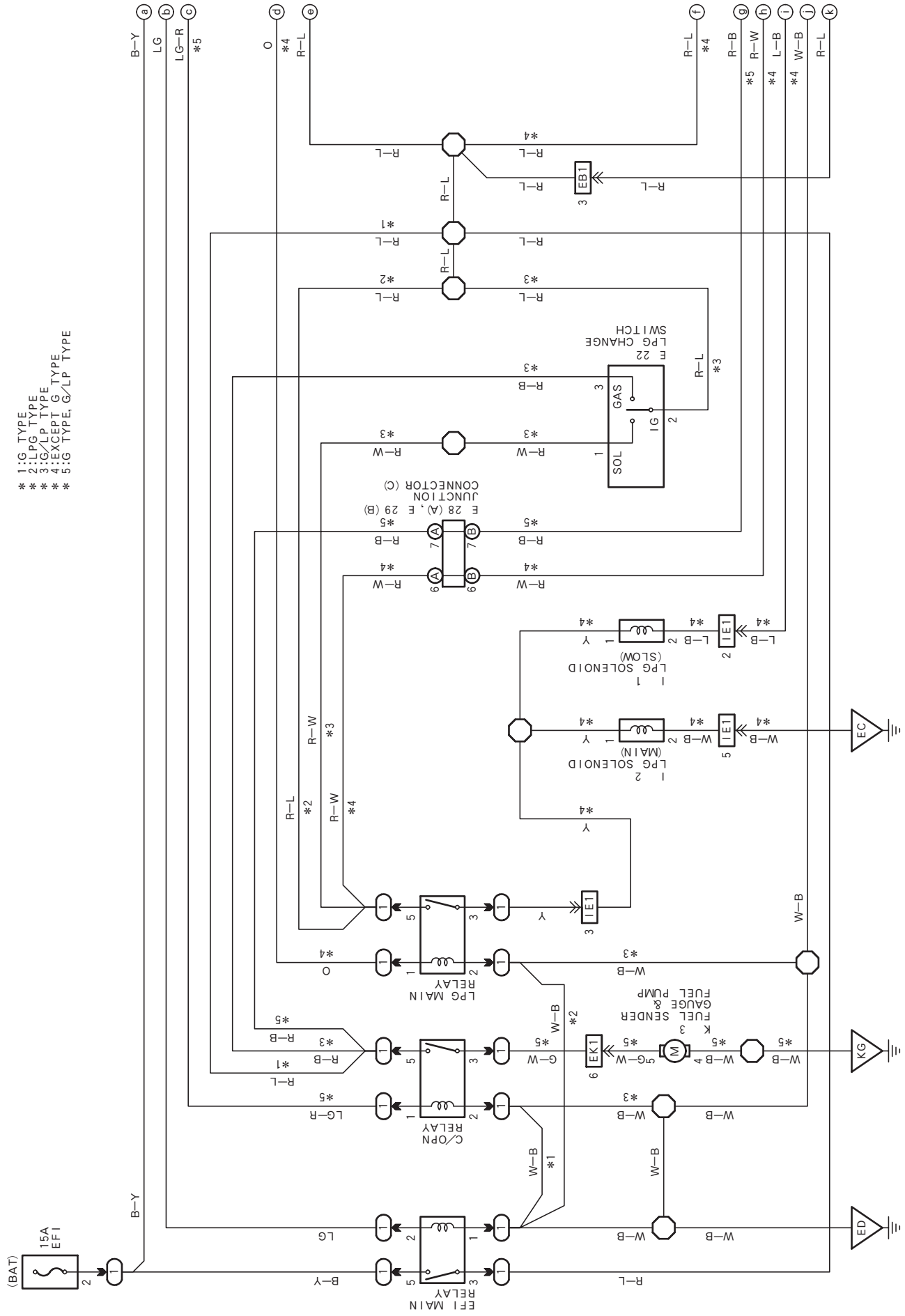
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE

## EARTH

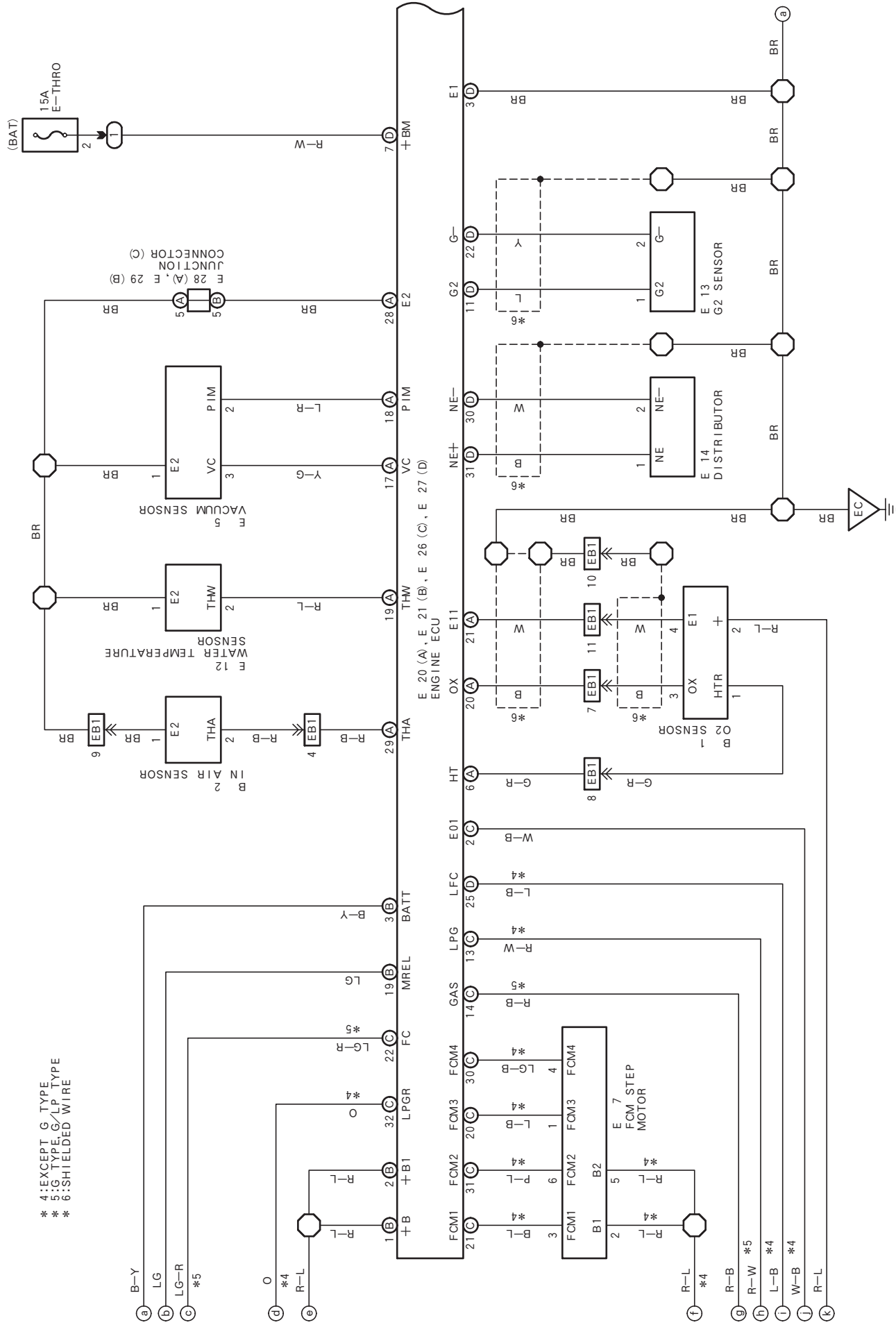
Code	See Page	Name
AA	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
AB	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
EC	E8-2	ENGINE UPPER EARTH
GE	E8-2	REAR PILLER LEFT UNDER EARTH
HF	E8-2	BODY EARTH

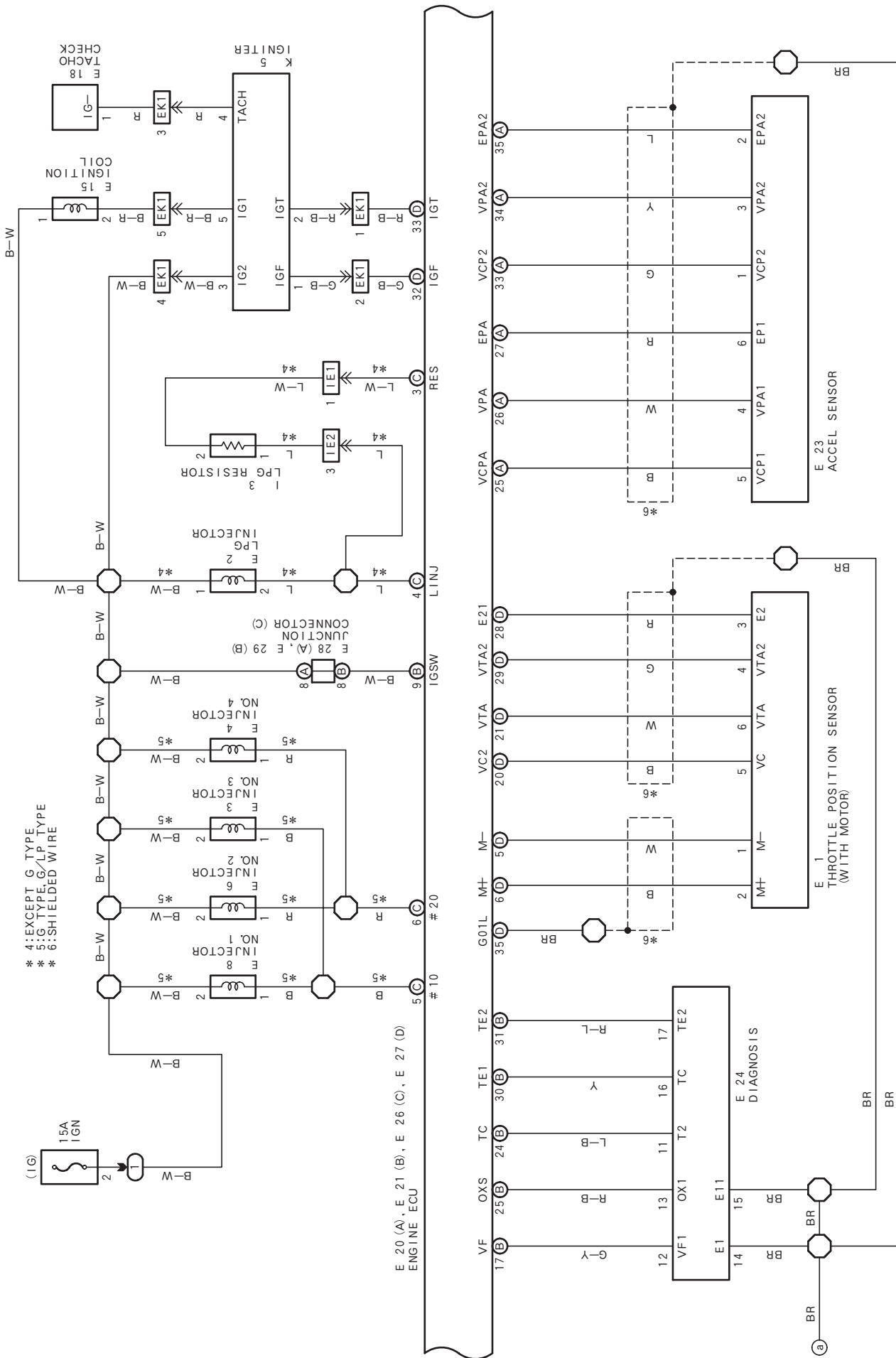
ENGINE CONTROL



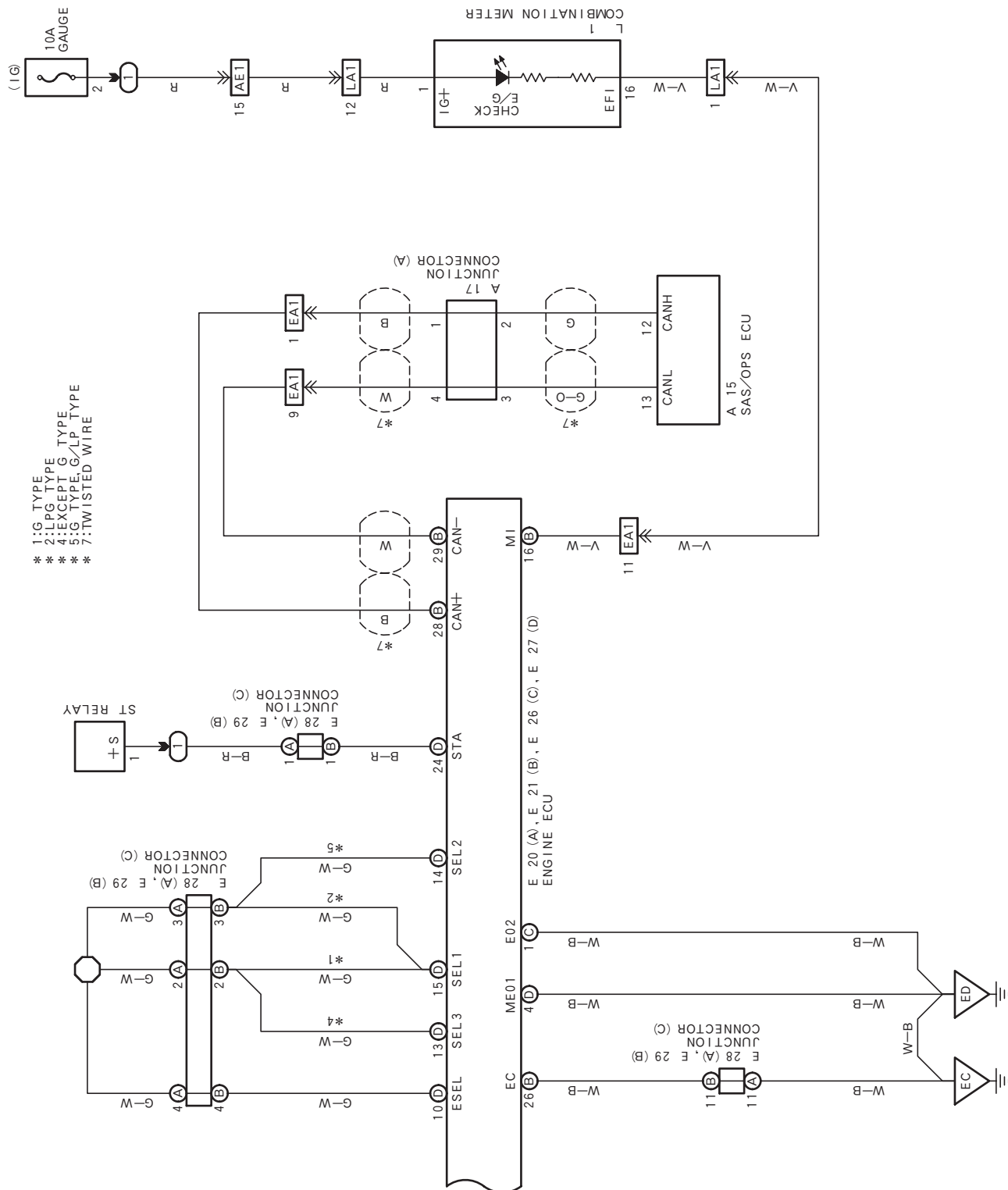


# ENGINE CONTROL





ENGINE CONTROL



- \* 1: G TYPE
- \* 2: LPC TYPE
- \* 3: EXCEPT G TYPE
- \* 4: EXCEPT G/LP TYPE
- \* 5: G, I, P, G/LP TYPE
- \* 6: TWISTED WIRE

## ENGINE CONTROL

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 15	E8-4	E 5	E8-2	E 18	E8-2	E 28	E8-6
A 17	E8-4	E 6	E8-2	E 20	E8-6	E 29	E8-6
B 1	E8-6	E 7	E8-2	E 21	E8-6	I 1	E8-2
B 2	E8-6	E 8	E8-2	E 22	E8-6	I 2	E8-2
E 1	E8-2	E 12	E8-2	E 23	E8-6	I 3	E8-2
E 2	E8-2	E 13	E8-2	E 24	E8-6	K 3	E8-10
E 3	E8-2	E 14	E8-2	E 26	E8-6	K 5	E8-10
E 4	E8-2	E 15	E8-2	E 27	E8-6	L 1	E8-4

## RELAY BLOCK , JUNCTION BLOCK

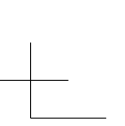
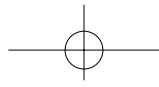
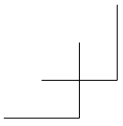
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
EA1	E8-6	ENGINE WIRE to BODY MAIN WIRE
EB1	E8-6	ENGINE WIRE to SIDE RH WIRE
EK1	E8-6	ENGINE WIRE to SIDE LH WIRE
IE1	E8-2	ENGINE SUB WIRE to ENGINE WIRE
IE2	E8-2	ENGINE SUB WIRE to ENGINE WIRE
LA1	E8-4	INSTRUMENT PANEL WIRE to BODY MAIN WIRE

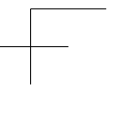
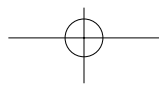
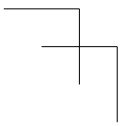
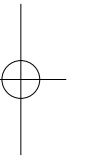
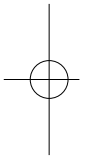
## EARTH

Code	See Page	Name
EC	E8-2	ENGINE UPPER EARTH
ED	E8-2	ENGINE UPPER EARTH
KG	E8-10	REAR PILLER LEFT UNDER EARTH

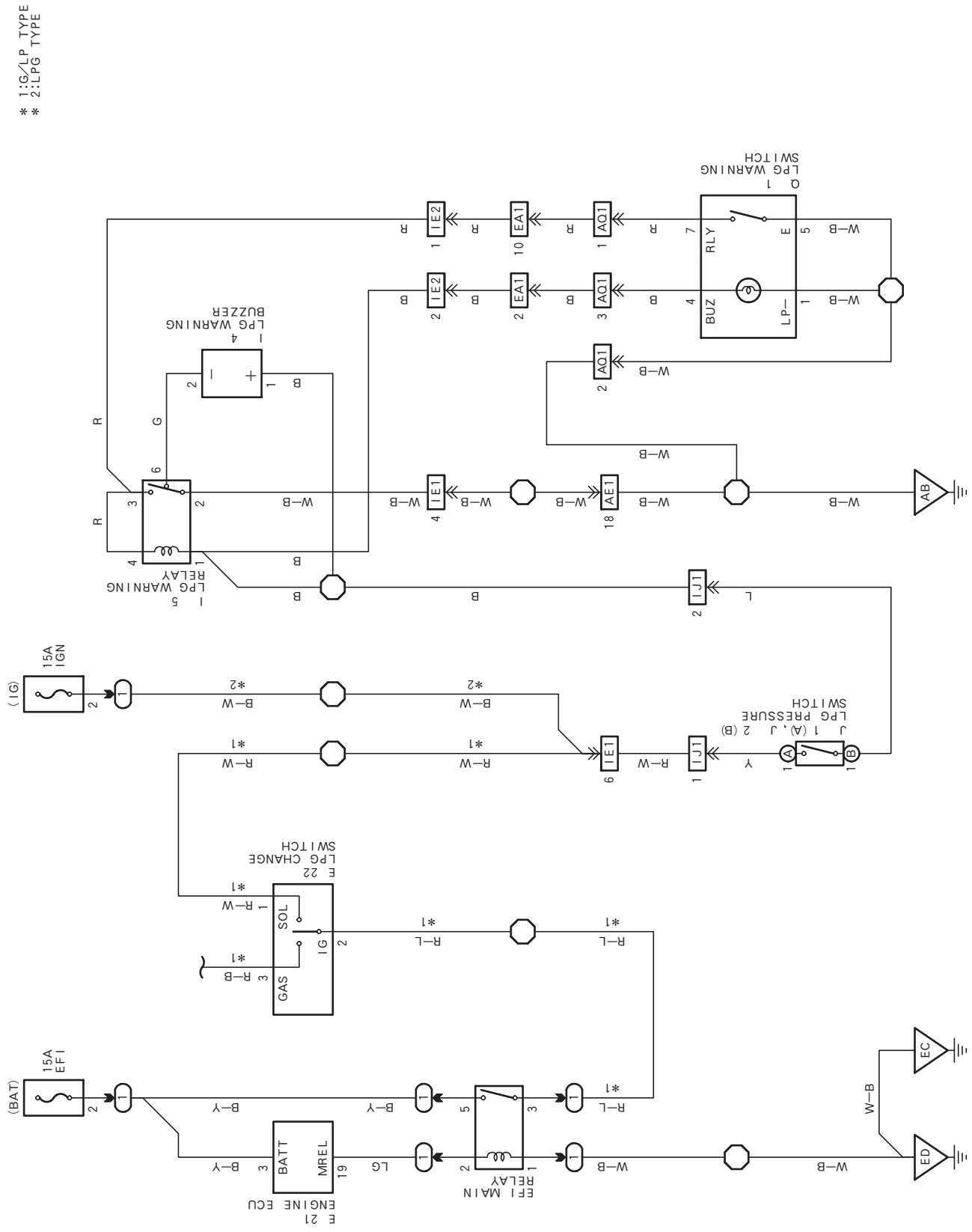


MEMO

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LPG WARNING SYSTEM



## LPG WARNING SYSTEM

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
E 21	E8-6	I 4	E8-2	J 1	E8-2	Q 1	E8-8
E 22	E8-6	I 5	E8-2	J 2	E8-2		

**RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

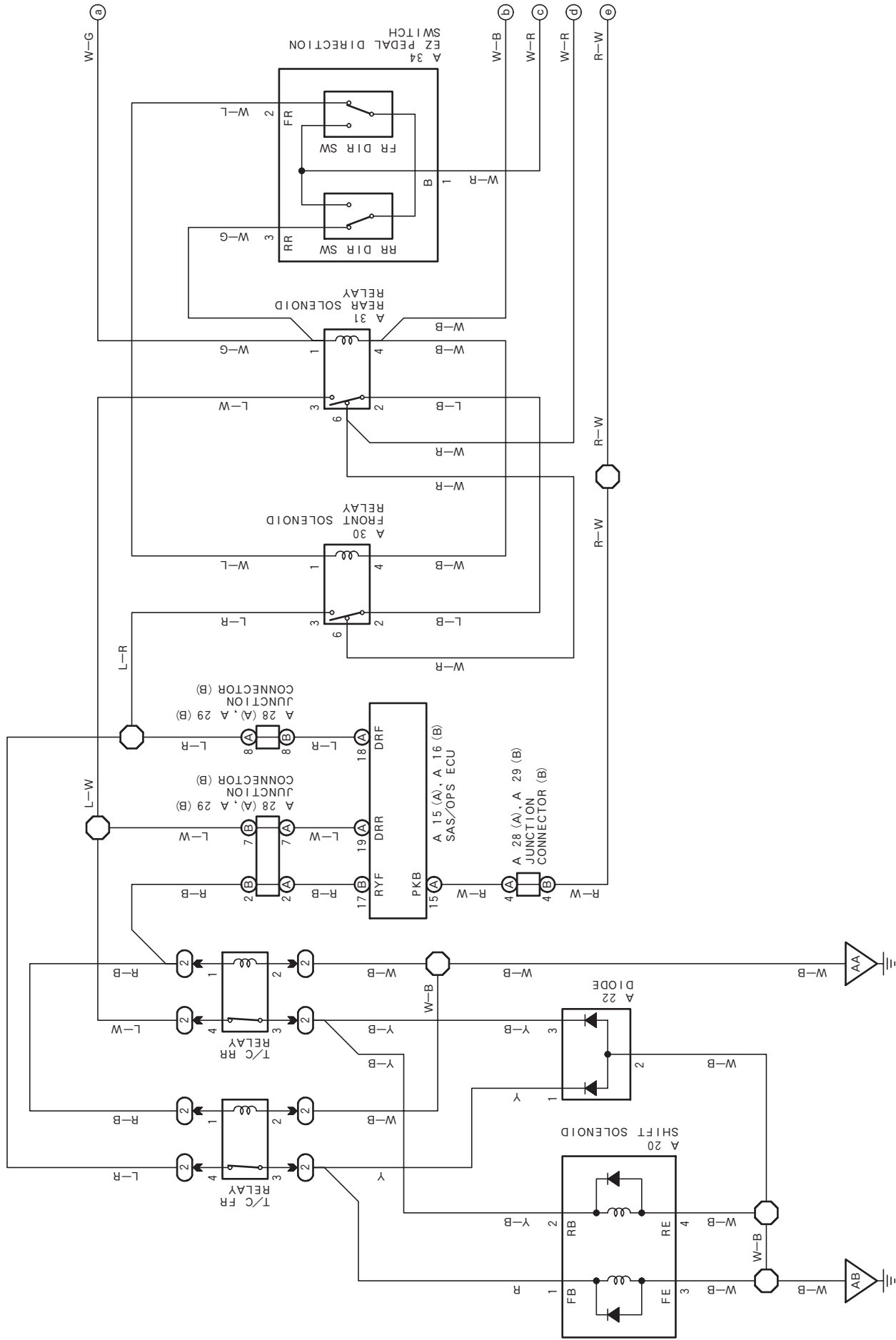
**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
AQ1	E8-8	BODY MAIN WIRE to HEAD GUARD SW WIRE
EA1	E8-6	ENGINE WIRE to BODY MAIN WIRE
IE1	E8-2	ENGINE SUB WIRE to ENGINE WIRE
IE2	E8-2	ENGINE SUB WIRE to ENGINE WIRE
IJ1	E8-2	ENGINE SUB WIRE to LPG PRESSURE WIRE

**EARTH**

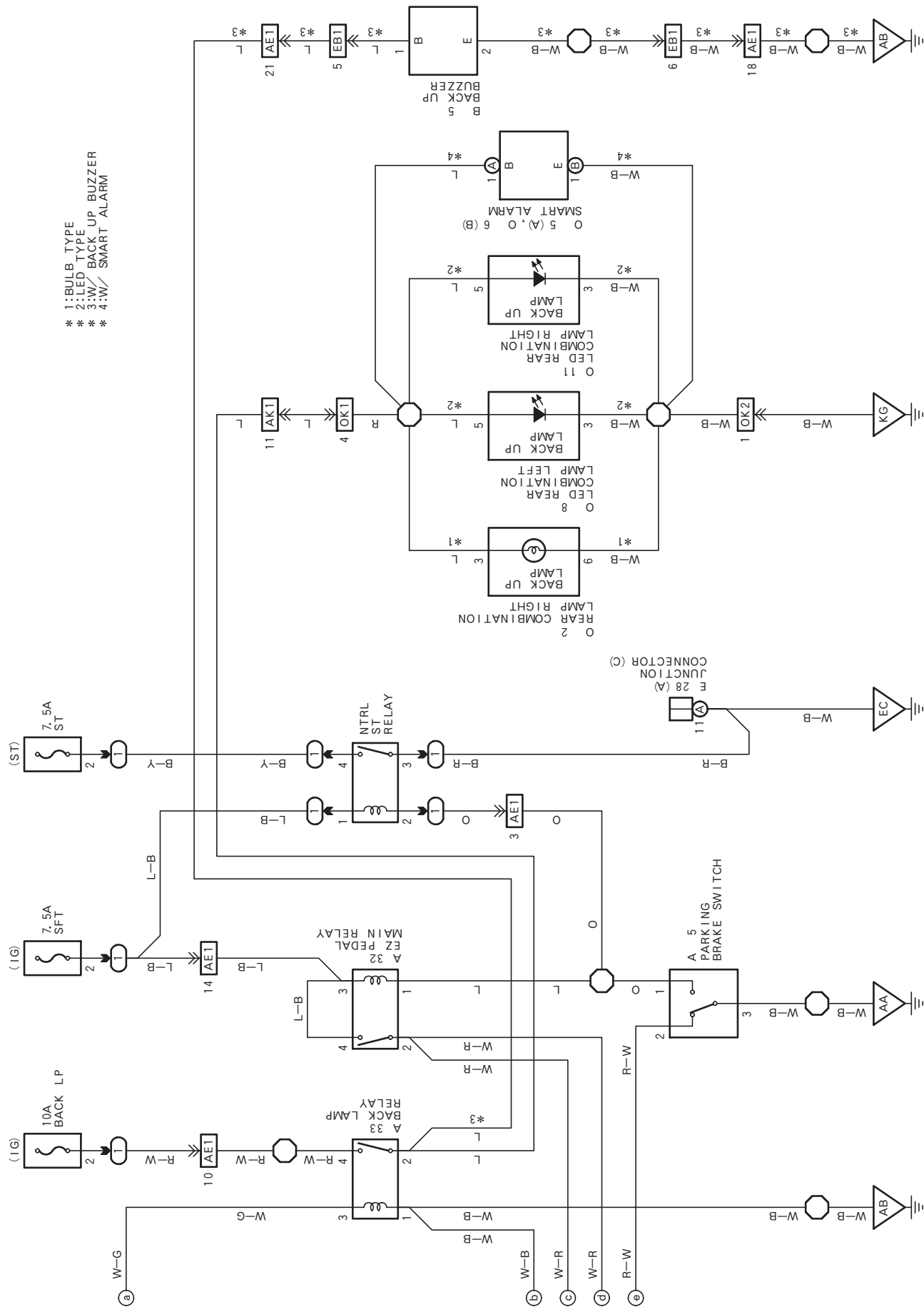
Code	See Page	Name
AB	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
EC	E8-2	ENGINE UPPER EARTH
ED	E8-2	ENGINE UPPER EARTH

EZ PEDAL





EZ PEDAL



- \* 1: BULB TYPE
- \* 2: LED TYPE
- \* 3: W/ BACK UP BUZZER
- \* 4: W/ SMART ALARM

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 5	E8-4	A 28	E8-4	A 33	E8-4	O 5	E8-10
A 15	E8-4	A 29	E8-4	A 34	E8-4	O 6	E8-10
A 16	E8-4	A 30	E8-4	B 5	E8-6	O 8	E8-10
A 20	E8-4	A 31	E8-4	E 28	E8-6	O 11	E8-10
A 22	E8-4	A 32	E8-4	O 2	E8-10		

**RELAY BLOCK , JUNCTION BLOCK**

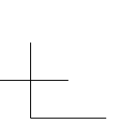
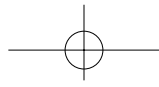
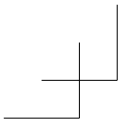
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B
2	E8-14	T/C R/B

**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
AK1	E8-6	BODY MAIN WIRE to SIDE LH WIRE
EB1	E8-6	ENGINE WIRE to SIDE RH WIRE
OK1	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE
OK2	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE

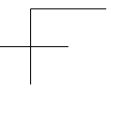
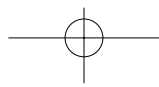
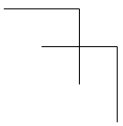
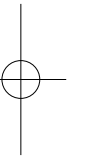
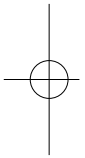
**EARTH**

Code	See Page	Name
AA	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
AB	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
EC	E8-2	ENGINE UPPER EARTH
KG	E8-10	REAR PILLER LEFT UNDER EARTH

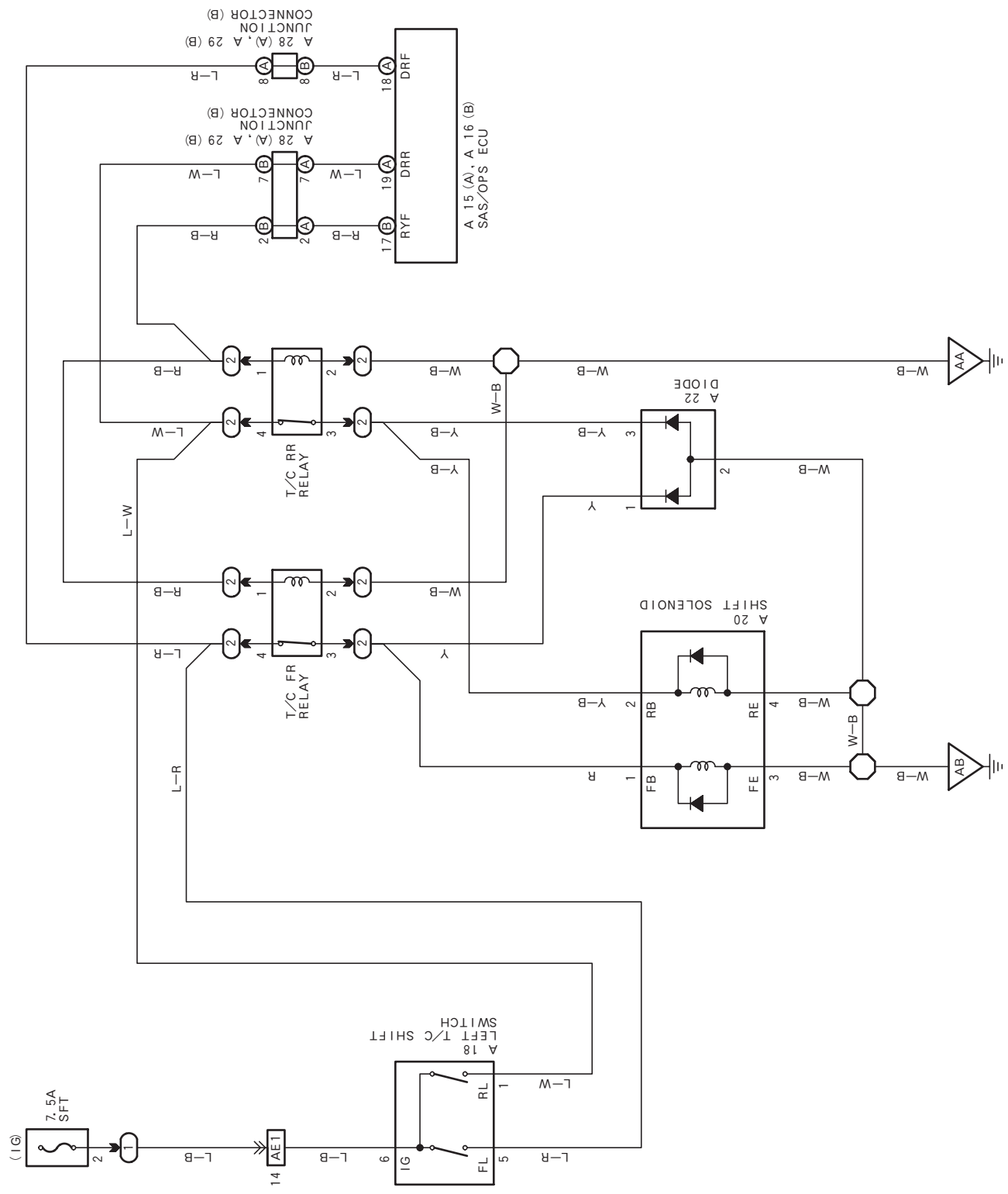


MEMO

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POWER SHIFT TRANSMISSION



## POWER SHIFT TRANSMISSION

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 15	E8-4	A 18	E8-4	A 22	E8-4	A 29	E8-4
A 16	E8-4	A 20	E8-4	A 28	E8-4		

## RELAY BLOCK , JUNCTION BLOCK

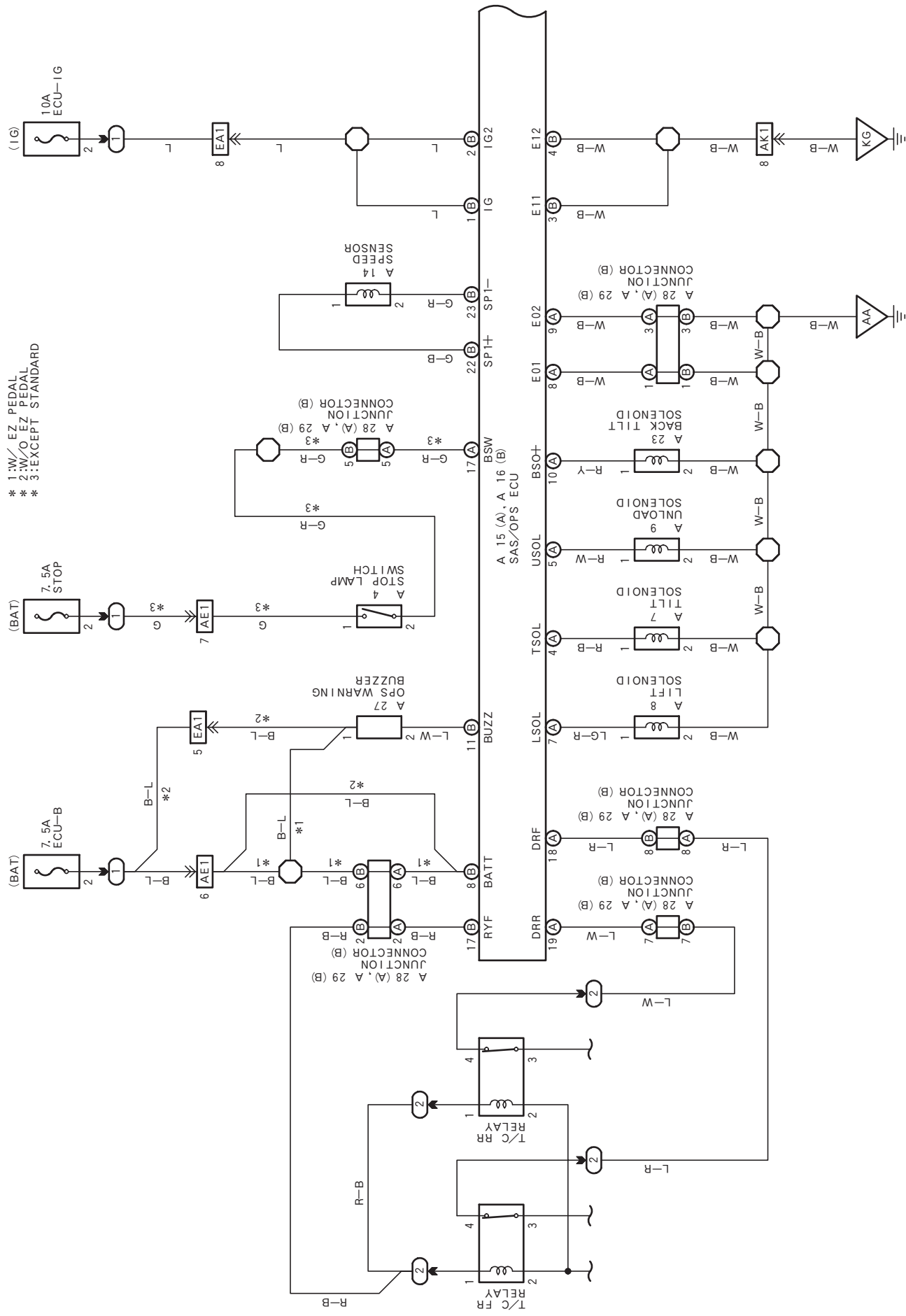
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B
2	E8-14	T/C R/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE

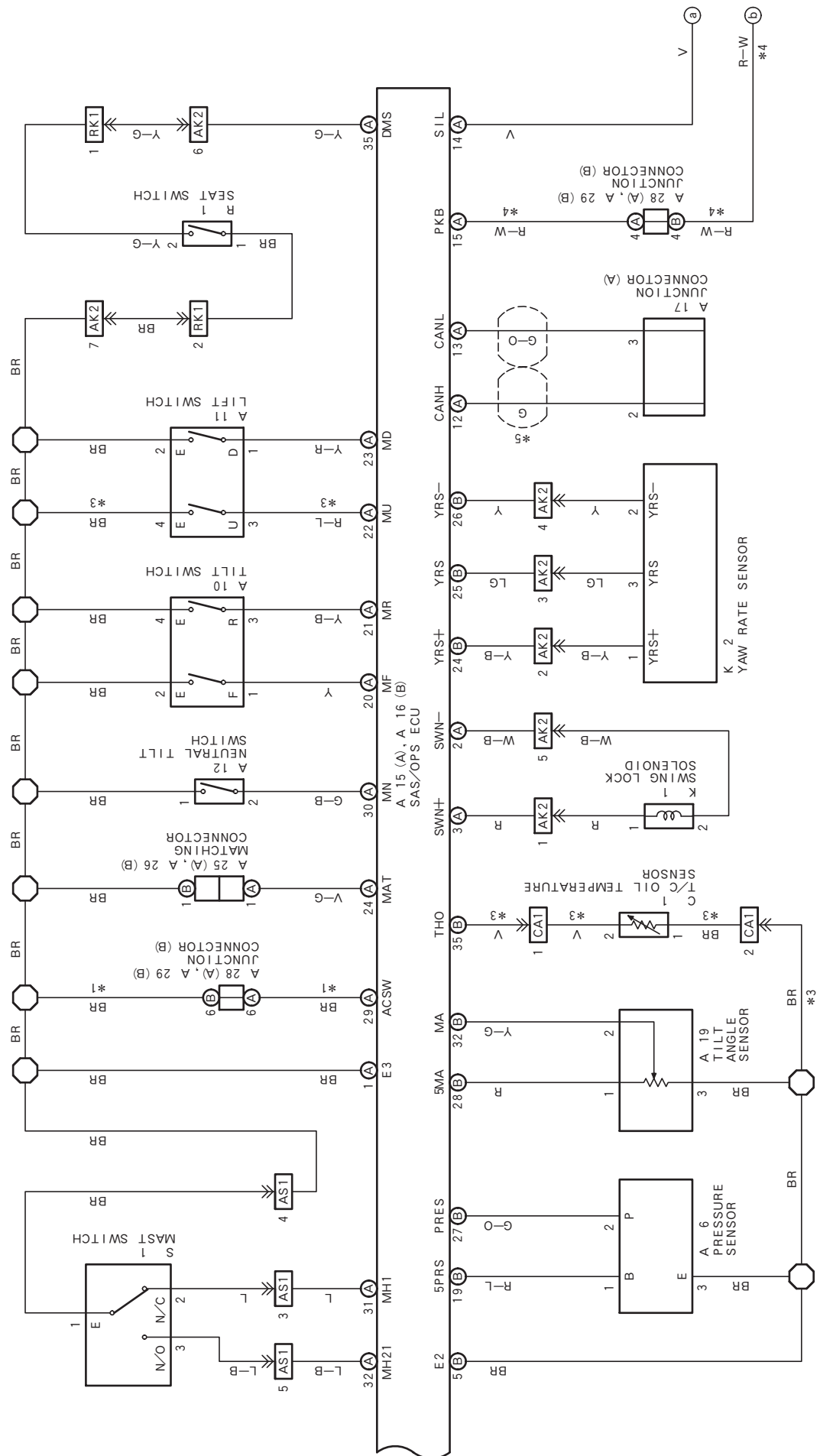
## EARTH

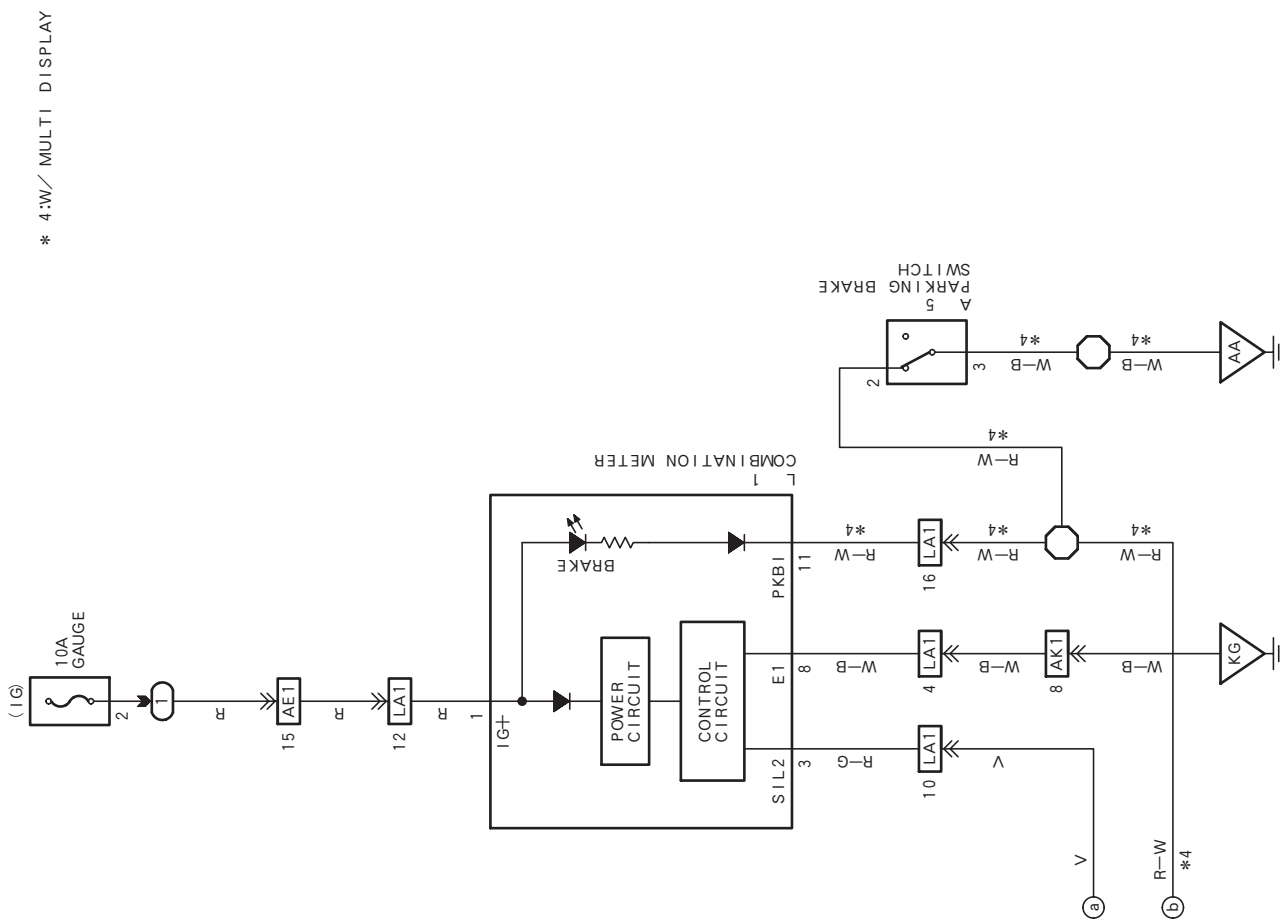
Code	See Page	Name
AA	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
AB	E8-6	FRONT PLATE LEFT OUTSIDE EARTH



SAS/OPS SYSTEM

- \* 1:W/ EZ PEDAL
- \* 3:EXCEPT STANDARD
- \* 4:W/ MULTIMEDIA DISPLAY
- \* 5:TWISTED WIRE







## SAS/OPS SYSTEM

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 4	E8-4	A 11	E8-4	A 23	E8-4	K 1	E8-10
A 5	E8-4	A 12	E8-4	A 25	E8-6	K 2	E8-10
A 6	E8-4	A 14	E8-4	A 26	E8-6	L 1	E8-4
A 7	E8-4	A 15	E8-4	A 27	E8-4	R 1	E8-10
A 8	E8-4	A 16	E8-4	A 28	E8-4	S 1	E8-8
A 9	E8-4	A 17	E8-4	A 29	E8-4		
A 10	E8-4	A 19	E8-4	C 1	E8-6		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B
2	E8-14	T/C R/B

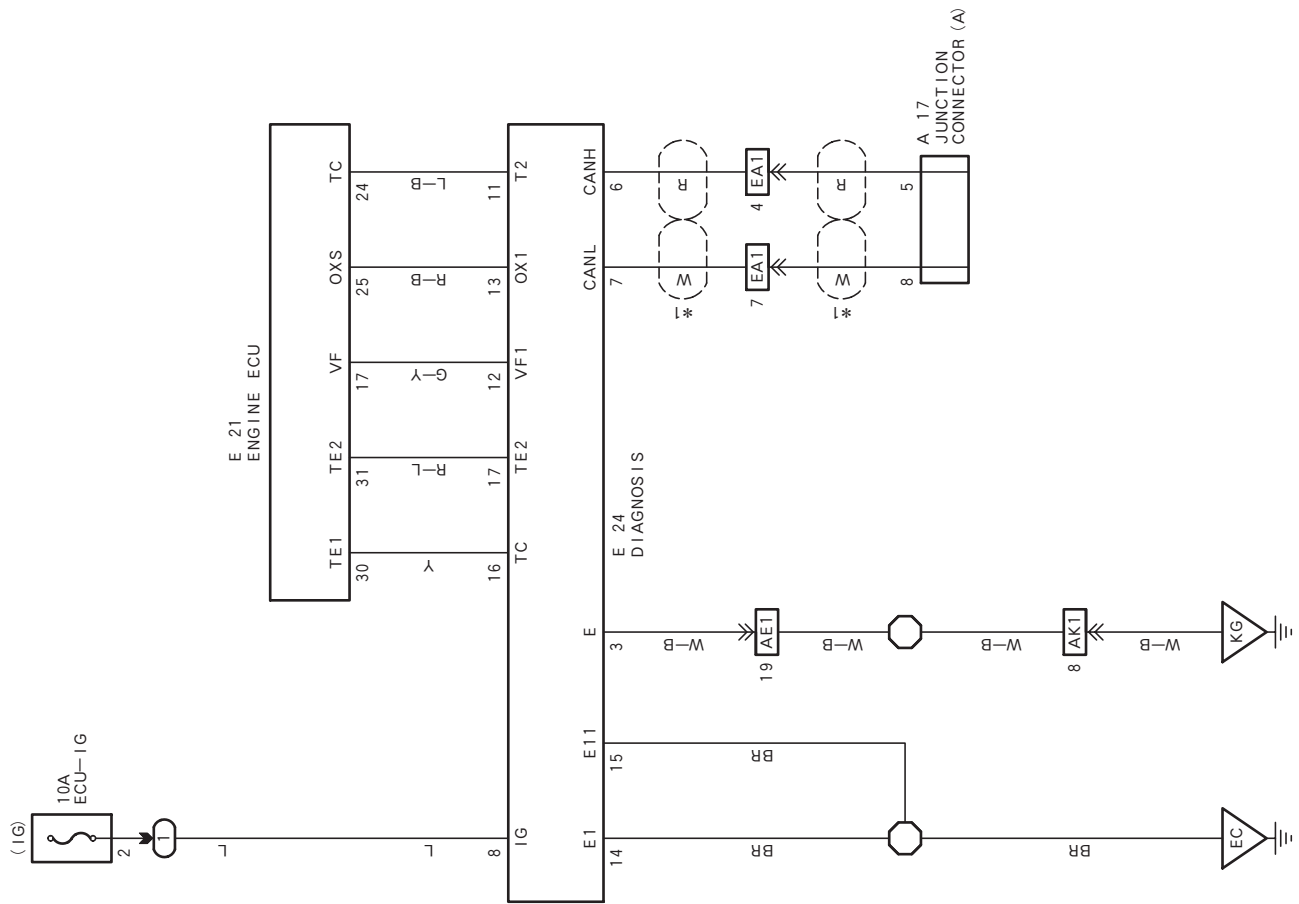
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
AK1	E8-6	BODY MAIN WIRE to SIDE LH WIRE
AK2	E8-6	BODY MAIN WIRE to SIDE LH WIRE
AS1	E8-8	BODY MAIN WIRE to MAST SENSOR WIRE
CA1	E8-6	T/C HEAT GAUGE WIRE to BODY MAIN WIRE
EA1	E8-6	ENGINE WIRE to BODY MAIN WIRE
LA1	E8-4	INSTRUMENT PANEL WIRE to BODY MAIN WIRE
RK1	E8-10	HOOD MAIN WIRE RH to SIDE LH WIRE

## EARTH

Code	See Page	Name
AA	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
KG	E8-10	REAR PILLER LEFT UNDER EARTH

\* 1: TWISTED WIRE



## DIAG

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 17	E8-4	E 21	E8-6	E 24	E8-6		

**RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

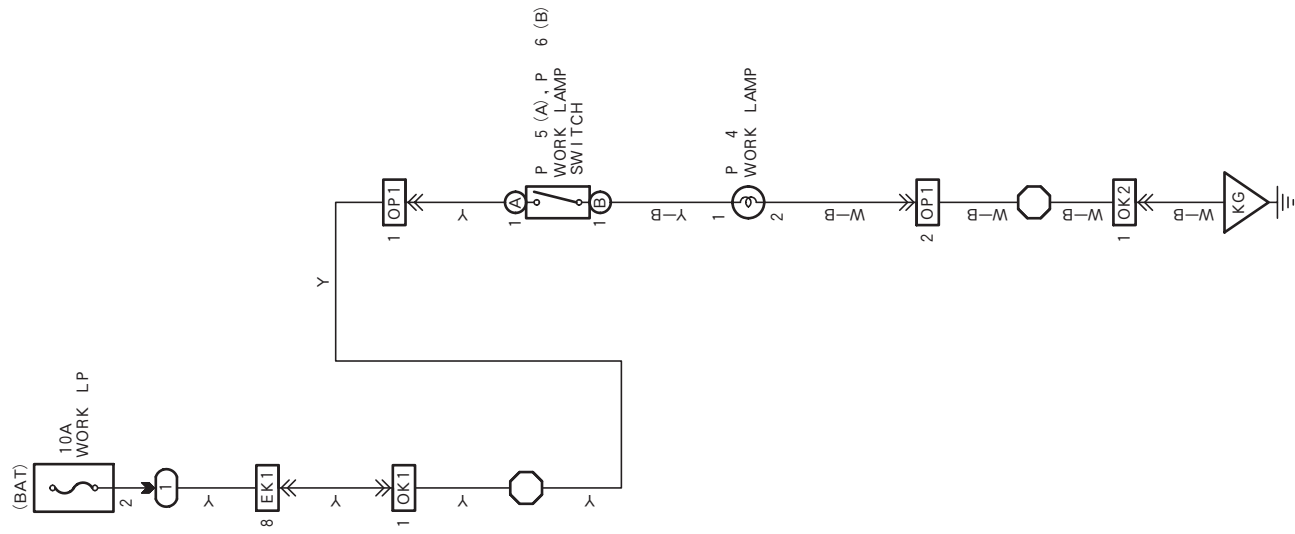
**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
AK1	E8-6	BODY MAIN WIRE to SIDE LH WIRE
EA1	E8-6	ENGINE WIRE to BODY MAIN WIRE

**EARTH**

Code	See Page	Name
EC	E8-2	ENGINE UPPER EARTH
KG	E8-10	REAR PILLER LEFT UNDER EARTH

REAR WORKING LAMP



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 REAR WORKING LAMP
 

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## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
P 4	E8-10	P 5	E8-10	P 6	E8-10		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

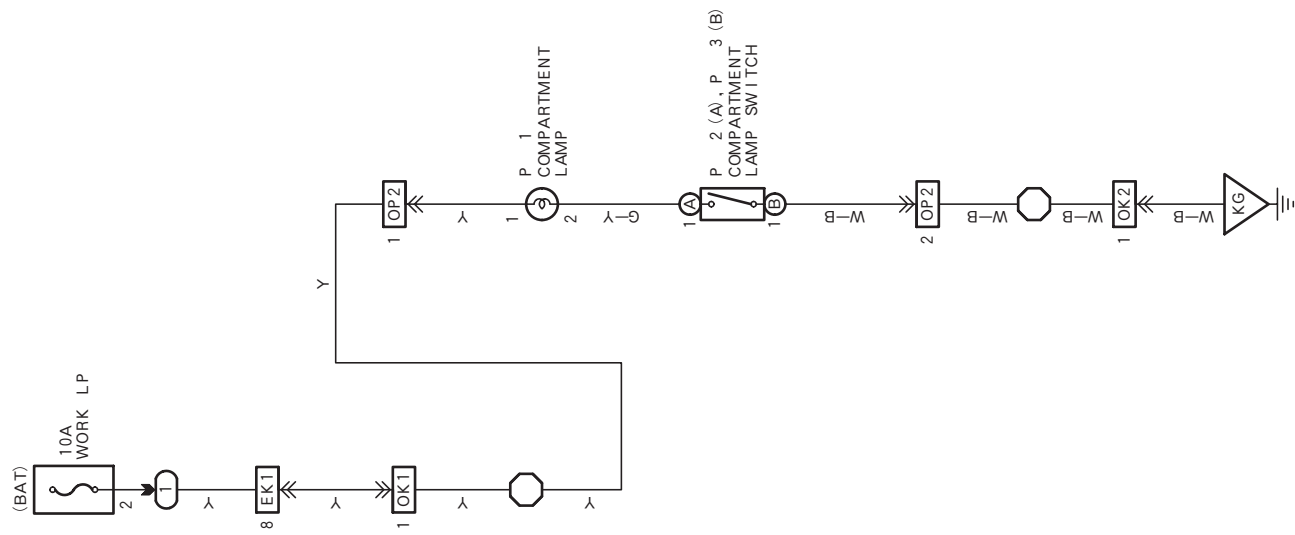
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
EK1	E8-6	ENGINE WIRE to SIDE LH WIRE
OK1	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE
OK2	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE
OP1	E8-10	RR UPR MAIN WIRE to HOOD MAIN WIRE

## EARTH

Code	See Page	Name
KG	E8-10	REAR PILLER LEFT UNDER EARTH

COMPARTMENT LIGHT



## COMPARTMENT LIGHT

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
P 1	E8-10	P 2	E8-10	P 3	E8-10		

**RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

**WIRE TO WIRE**

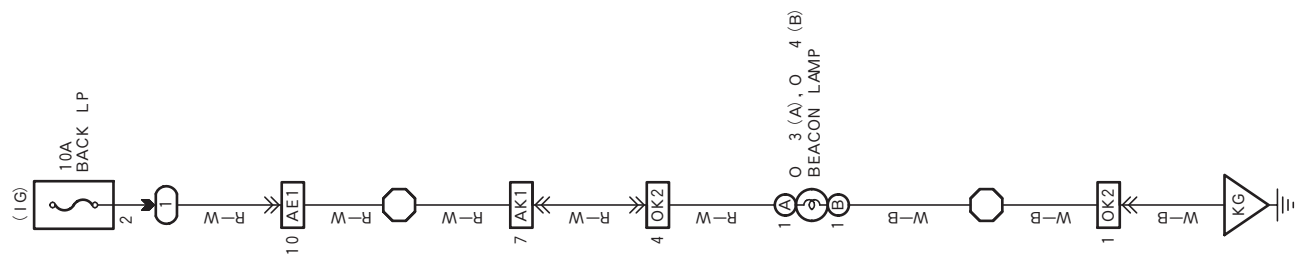
Code	See Page	Joining Wire Harness and Wire Harness
EK1	E8-6	ENGINE WIRE to SIDE LH WIRE
OK1	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE
OK2	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE
OP2	E8-10	RR UPR MAIN WIRE to HOOD MAIN WIRE

**EARTH**

Code	See Page	Name
KG	E8-10	REAR PILLER LEFT UNDER EARTH

E9-32

STROBE LIGHT





## STROBE LIGHT

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
O 3	E8-10	O 4	E8-10				

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

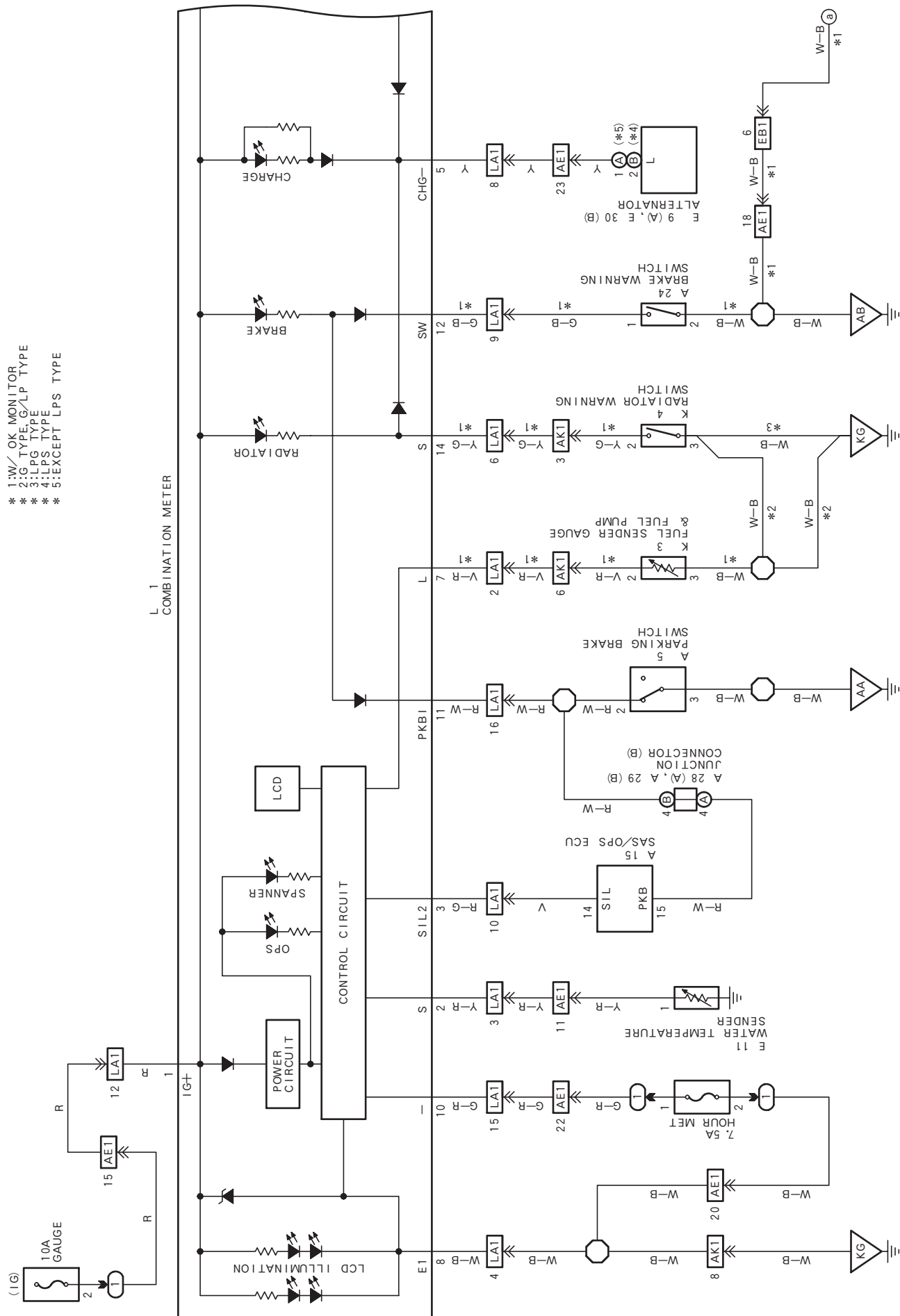
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
AK1	E8-6	BODY MAIN WIRE to SIDE LH WIRE
OK2	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE

## EARTH

Code	See Page	Name
KG	E8-10	REAR PILLER LEFT UNDER EARTH

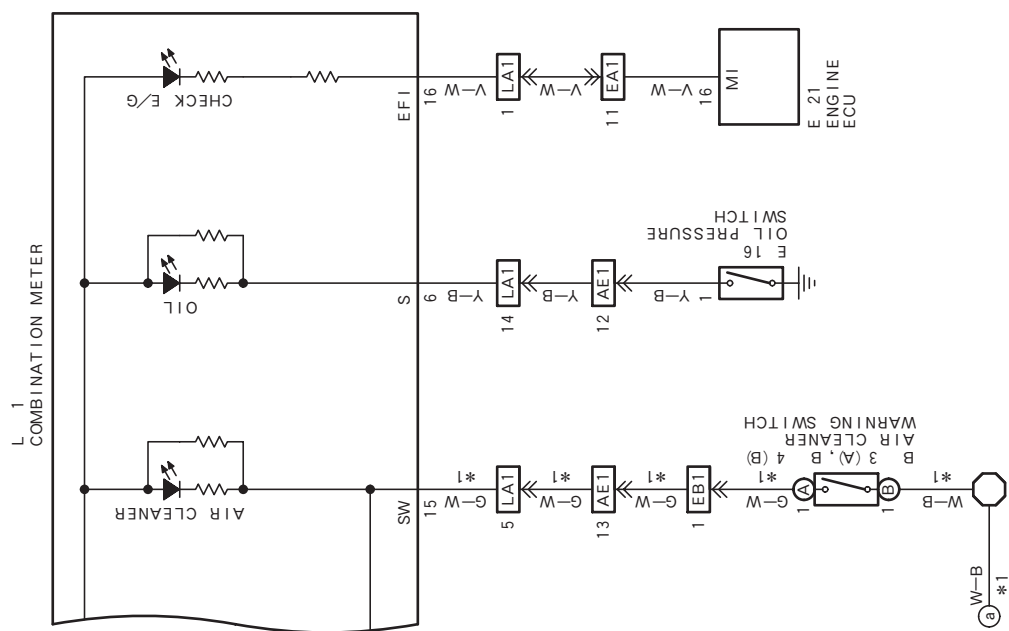
COMBINATION METER



- \*\* 1:W/ OK MONITOR
- \*\* 2:G TYPE,G/LP TYPE
- \*\* 3:LPG TYPE
- \*\* 4:LPS TYPE
- \*\* 5:EXCEPT LPS TYPE

L 1 COMBINATION METER

COMBINATION METER



\* 1:W/ OK MONITOR

## COMBINATION METER

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 5	E8-4	A 29	E8-4	E 11	E8-2	K 3	E8-10
A 15	E8-4	B 3	E8-6	E 16	E8-2	K 4	E8-10
A 24	E8-4	B 4	E8-6	E 21	E8-6	L 1	E8-4
A 28	E8-4	E 9	E8-2	E 30	E8-2		

## RELAY BLOCK , JUNCTION BLOCK

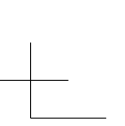
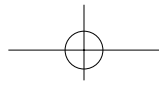
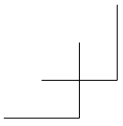
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
AK1	E8-6	BODY MAIN WIRE to SIDE LH WIRE
EA1	E8-6	ENGINE WIRE to BODY MAIN WIRE
EB1	E8-6	ENGINE WIRE to SIDE RH WIRE
LA1	E8-4	INSTRUMENT PANEL WIRE to BODY MAIN WIRE

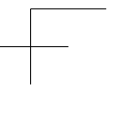
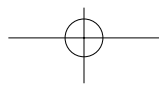
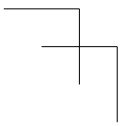
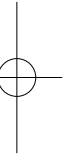
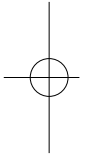
## EARTH

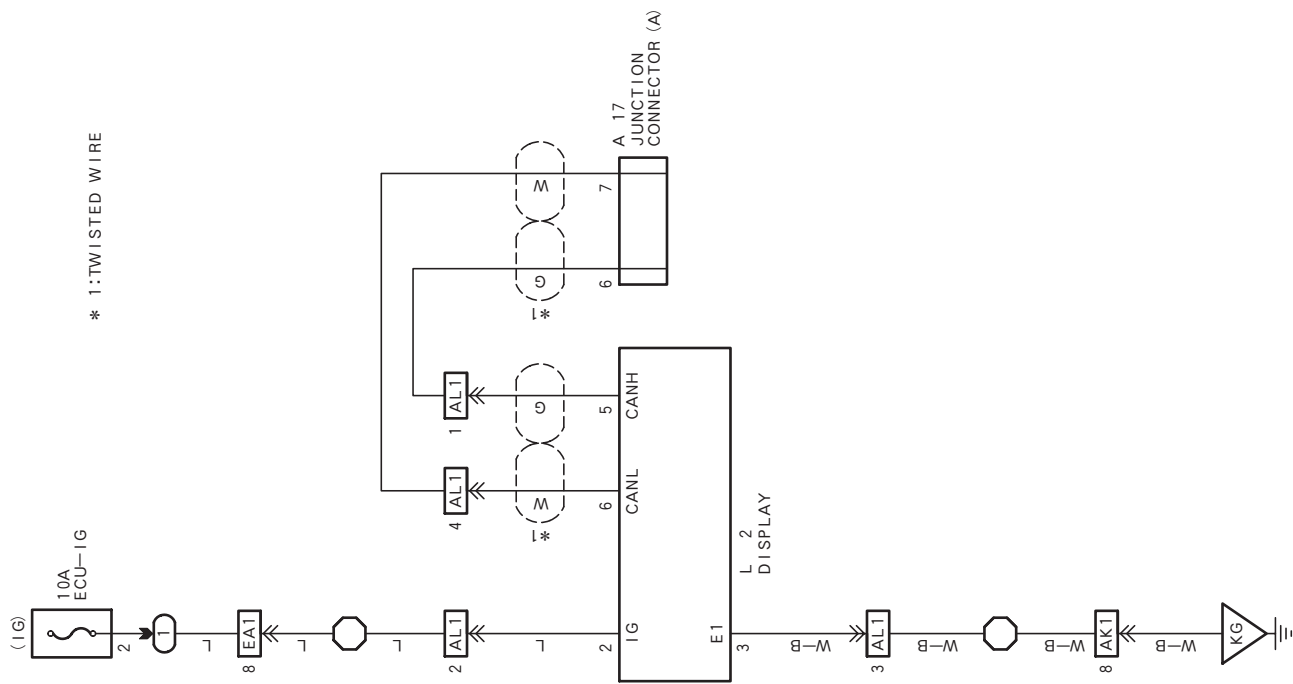
Code	See Page	Name
AA	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
AB	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
KG	E8-10	REAR PILLER LEFT UNDER EARTH



MEMO

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## MULTI DISPLAY

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 17	E8-4	L 2	E8-4				

**RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

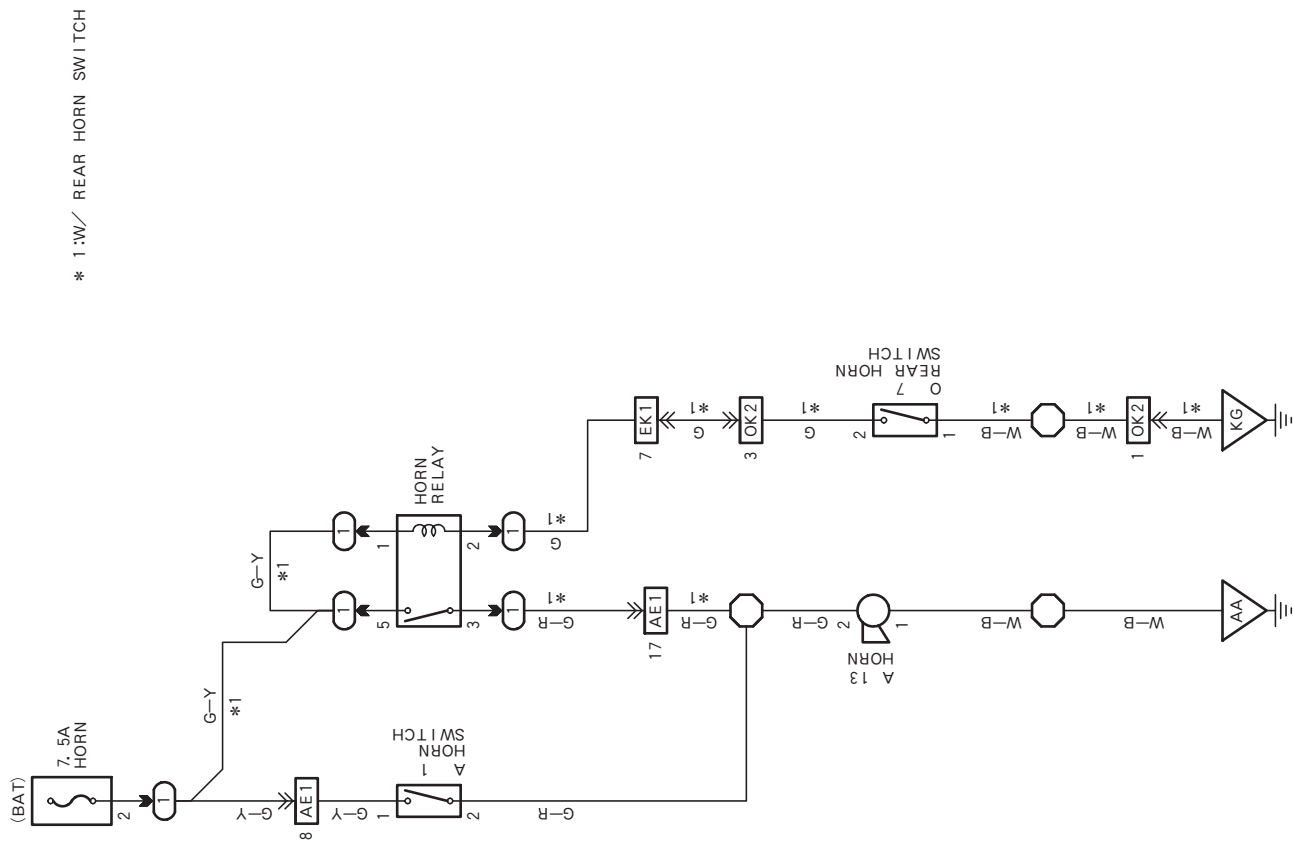
**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
AK1	E8-6	BODY MAIN WIRE to SIDE LH WIRE
AL1	E8-4	BODY MAIN WIRE to INSTRUMENT PANEL WIRE
EA1	E8-6	ENGINE WIRE to BODY MAIN WIRE

**EARTH**

Code	See Page	Name
KG	E8-10	REAR PILLER LEFT UNDER EARTH

HORN & W/ REAR HORN SWITCH



\* 1:W/ REAR HORN SWITCH



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 HORN & REAR HORN SWITCH
 

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## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 1	E8-4	A 13	E8-4	O 7	E8-10		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

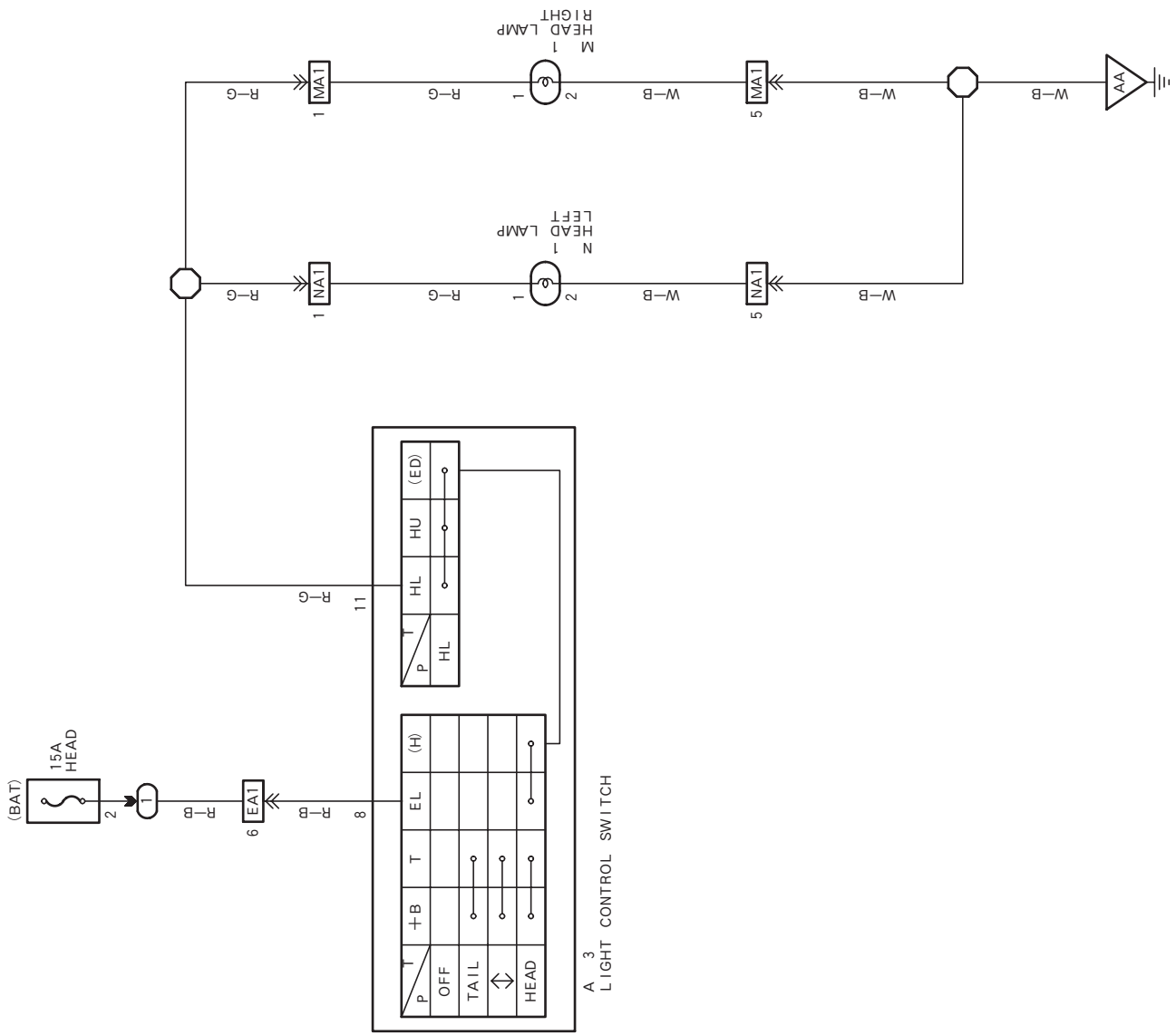
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
EK1	E8-6	ENGINE WIRE to SIDE LH WIRE
OK2	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE

## EARTH

Code	See Page	Name
AA	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
KG	E8-10	REAR PILLER LEFT UNDER EARTH

HEAD LAMP



## HEAD LAMP

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 3	E8-4	M 1	E8-8	N 1	E8-8		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
EA1	E8-6	ENGINE WIRE to BODY MAIN WIRE
MA1	E8-8	FR STAY WIRE RH to BODY MAIN WIRE
NA1	E8-8	FR STAY WIRE LH to BODY MAIN WIRE

## EARTH

Code	See Page	Name
AA	E8-6	FRONT PLATE LEFT OUTSIDE EARTH



## TURN SIGNAL LAMP

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 3	E8-4	N 2	E8-8	O 8	E8-10	O 12	E8-10
D 1	E8-4	O 1	E8-10	O 10	E8-10		
M 2	E8-8	O 2	E8-10	O 11	E8-10		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

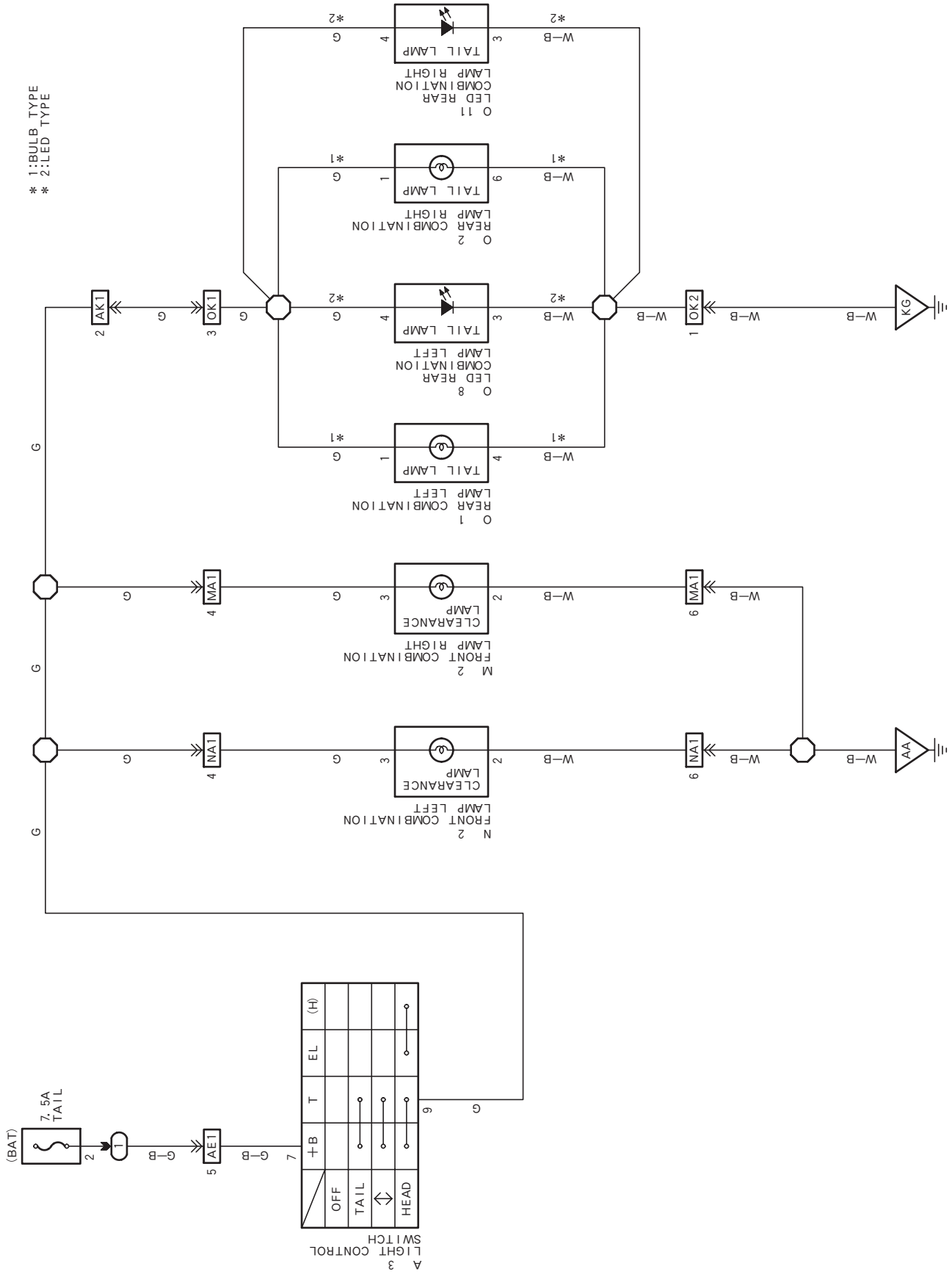
## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
AK1	E8-6	BODY MAIN WIRE to SIDE LH WIRE
DA1	E8-4	FLASHER WIRE to BODY MAIN WIRE
MA1	E8-8	FR STAY WIRE RH to BODY MAIN WIRE
NA1	E8-8	FR STAY WIRE LH to BODY MAIN WIRE
OK1	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE
OK2	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE

## EARTH

Code	See Page	Name
AA	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
KG	E8-10	REAR PILLER LEFT UNDER EARTH

CLEARANCE LAMP



## CLEARANCE LAMP

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 3	E8-4	N 2	E8-8	O 2	E8-10	O 11	E8-10
M 2	E8-8	O 1	E8-10	O 8	E8-10		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
AK1	E8-6	BODY MAIN WIRE to SIDE LH WIRE
MA1	E8-8	FR STAY WIRE RH to BODY MAIN WIRE
NA1	E8-8	FR STAY WIRE LH to BODY MAIN WIRE
OK1	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE
OK2	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE

## EARTH

Code	See Page	Name
AA	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
KG	E8-10	REAR PILLER LEFT UNDER EARTH





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 BACK UP LAMP BUZZER & SMART ALARM
 

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**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 18	E8-4	O 2	E8-10	O 6	E8-10	O 11	E8-10
B 5	E8-6	O 5	E8-10	O 8	E8-10		

**RELAY BLOCK , JUNCTION BLOCK**

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
AK1	E8-6	BODY MAIN WIRE to SIDE LH WIRE
EB1	E8-6	ENGINE WIRE to SIDE RH WIRE
OK1	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE
OK2	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE

**EARTH**

Code	See Page	Name
AB	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
KG	E8-10	REAR PILLER LEFT UNDER EARTH



## STOP LAMP

## PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 4	E8-4	O 2	E8-10	O 9	E8-10		
O 1	E8-10	O 8	E8-10	O 11	E8-10		

## RELAY BLOCK , JUNCTION BLOCK

Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B

## WIRE TO WIRE

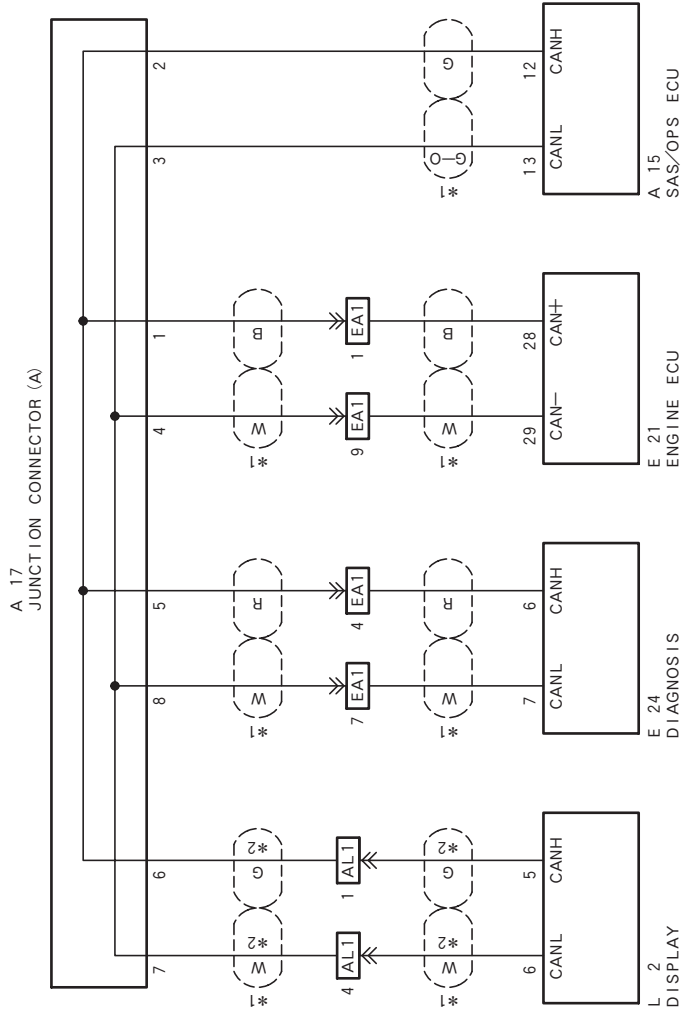
Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
AK1	E8-6	BODY MAIN WIRE to SIDE LH WIRE
OK1	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE
OK2	E8-10	RR UPR MAIN WIRE to SIDE LH WIRE

## EARTH

Code	See Page	Name
KG	E8-10	REAR PILLER LEFT UNDER EARTH

CAN

\* 1: TWISTED WIRE  
\* 2: W/ MULTI DISPLAY



CAN

**PARTS**

Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 15	E8-4	E 21	E8-6	L 2	E8-4		
A 17	E8-4	E 24	E8-6				

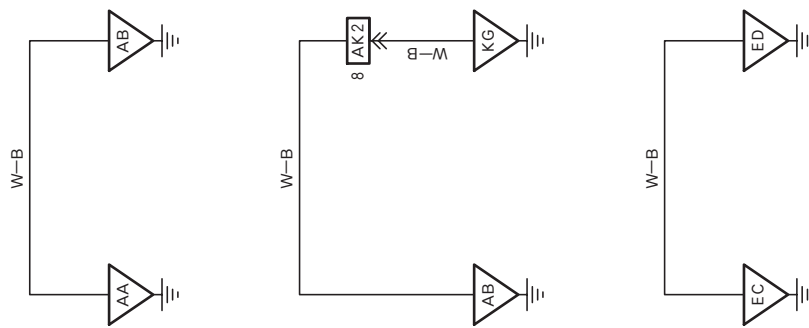
**WIRE TO WIRE**

Code	See Page	Joining Wire Harness and Wire Harness
AL1	E8-4	BODY MAIN WIRE to INSTRUMENT PANEL WIRE
EA1	E8-6	ENGINE WIRE to BODY MAIN WIRE

E9-54

EARTH TO EARTH

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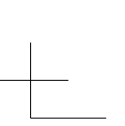
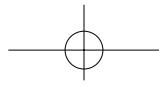
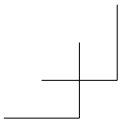
## EARTH TO EARTH

## WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
AK2	E8-6	BODY MAIN WIRE to SIDE LH WIRE

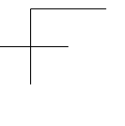
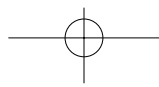
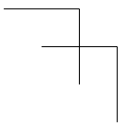
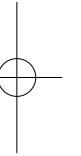
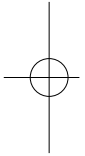
## EARTH

Code	See Page	Name
AA	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
AB	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
EC	E8-2	ENGINE UPPER EARTH
ED	E8-2	ENGINE UPPER EARTH
KG	E8-10	REAR PILLER LEFT UNDER EARTH

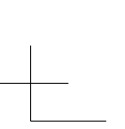
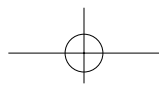
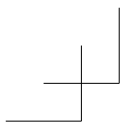


MEMO

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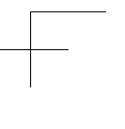
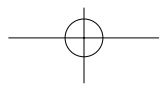
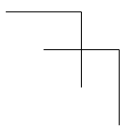
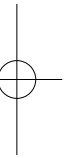
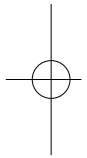




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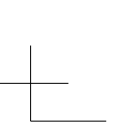
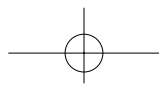
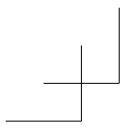
# CHAPTER 10 GROUND POINTS

**E10**



## GROUND POINTS

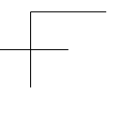
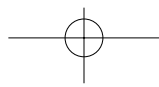
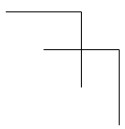
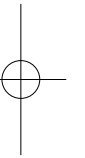
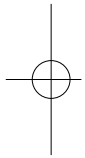
CODE	LOCATION	SYSTEM NAME	PAGE
AA	FRONT PLATE LEFT OUTSIDE EARTH	CLEARANCE LAMP	E9-46
		COMBINATION METER	E9-34
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		HEAD LAMP	E9-42
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		POWER SHIFT TRANSMISSIN	E9-20
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		COMBINATION METER	E9-34
		EZ PEDAL	E9-16
		LPG WARNING SYSTEM	E9-14
		POWER SHIFT TRANSMISSIN	E9-20
EC	ENGINE UPPER EARTH	STARTING	E9-6
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		COMBINATION METER	E9-34
		COMPARTMENT LAMP	E9-30
		DIAG	E9-26
		ENGINE CONTROL	E9-8
		EZ PEDAL	E9-16
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		STOP LAMP	E9-50
		STROBE LIGHT	E9-32
TURN SIGNAL LAMP	E9-44		



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# CHAPTER 11 FUSES FOR POWER SUPPLY

**E11**



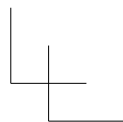
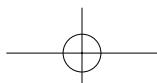
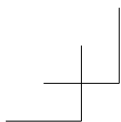
## FUSES FOR POWER SUPPLY

## FUSIBLE LINK BLOCK ASSY

FUSE		SYSTEM NAME	PAGE
100A	ALT	CHARGING	E9-4

## ENGINE ROOM R/B

FUSE		SYSTEM NAME	PAGE
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7.5A	ECU-B	SAS/OPS SYSTEM	E9-22
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7.5A	HOUR MET	COMBINATION METER	E9-34
7.5A	SFT	EZ PEDAL	E9-16
		POWER SHIFT TRANSMISSIN	E9-20
		STARTING	E9-6
7.5A	ST	EZ PEDAL	E9-16
		STARTING	E9-6
7.5A	STOP	SAS/OPS SYSTEM	E9-22
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7.5A	TURN	TURN SIGNAL LAMP	E9-44
10A	BACK LP	BACK UP LAMP BUZZER & SMART ALARM	E9-48
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		MULTI DISPLAY	E9-38
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		COMBINATION METER	E9-34
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15A	IGN	ENGINE CONTROL	E9-8
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30A	STA	STARTING	E9-6

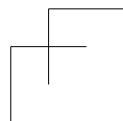
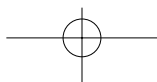
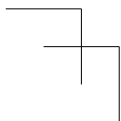
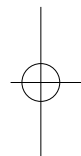
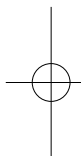


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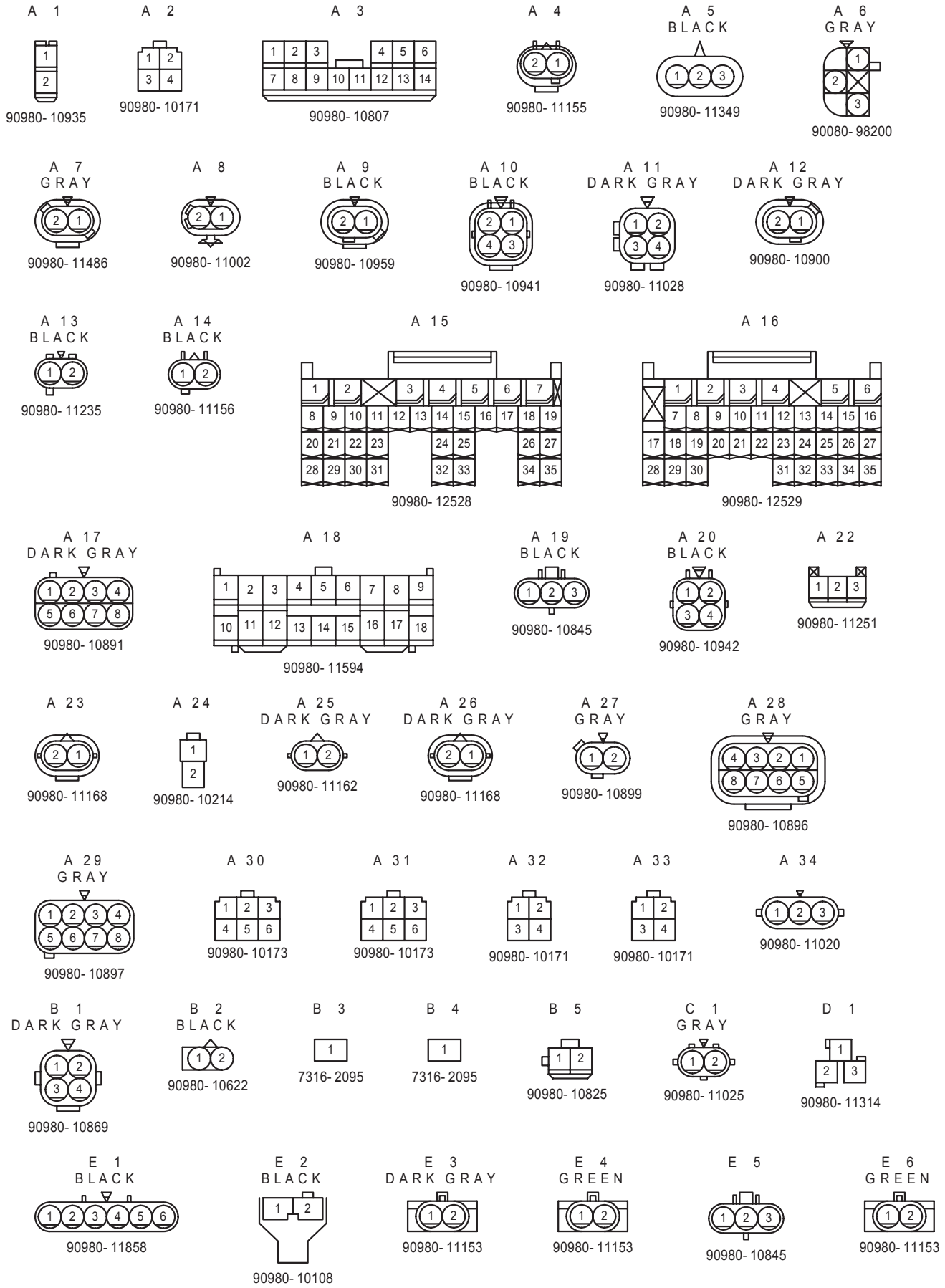
## CHAPTER 12 CONNECTOR LIST

CONNECTOR LIST  
PARTS CONNECTOR ..... E12-2

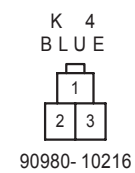
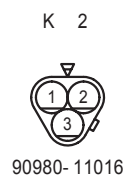
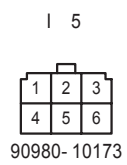
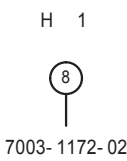
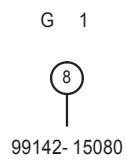
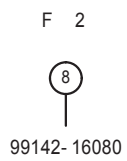
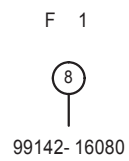
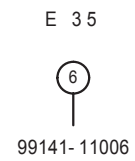
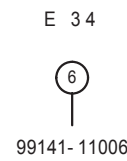
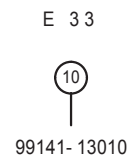
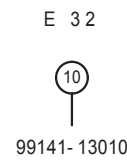
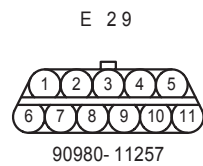
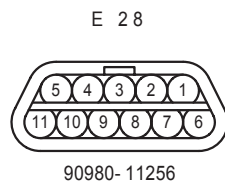
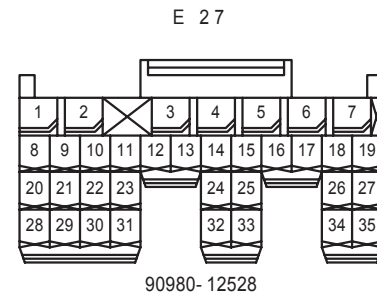
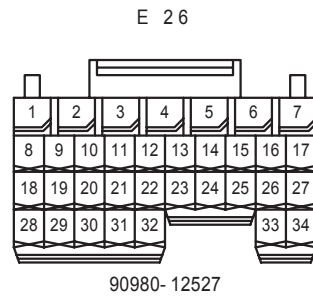
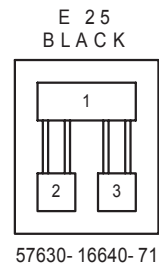
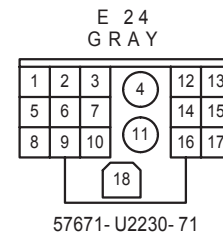
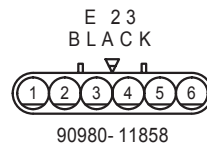
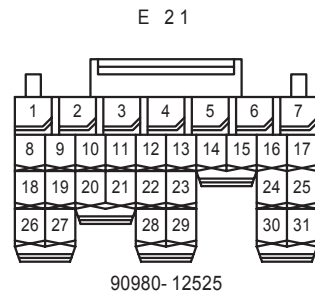
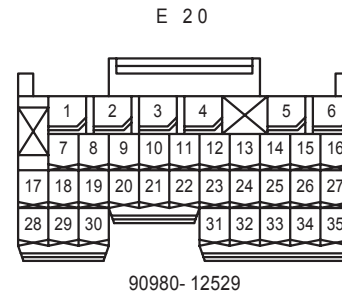
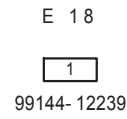
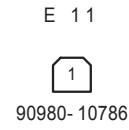
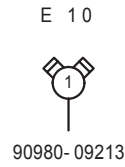
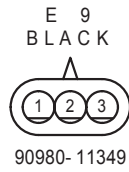
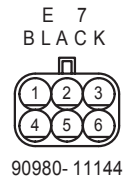
WIRE TO WIRE  
WIRE TO WIRE ..... E12-5



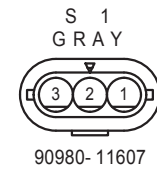
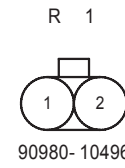
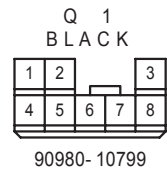
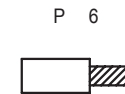
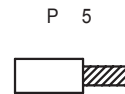
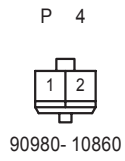
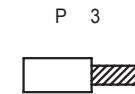
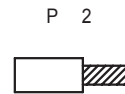
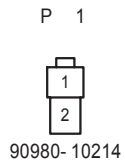
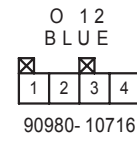
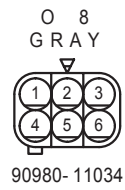
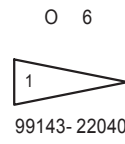
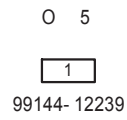
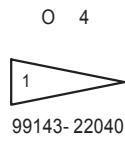
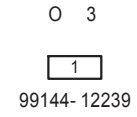
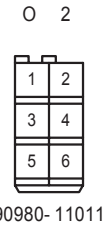
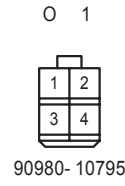
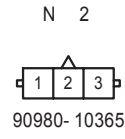
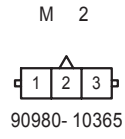
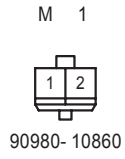
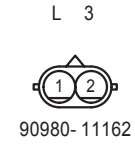
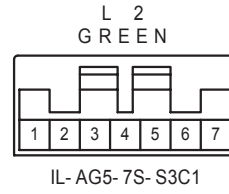
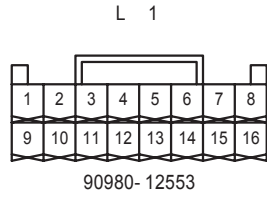
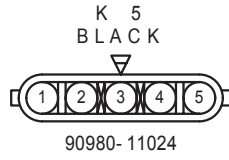
CONNECTOR LIST



CONNECTOR LIST



CONNECTOR LIST





WIRE TO WIRE

