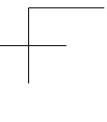
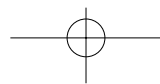
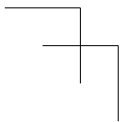
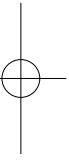
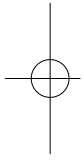
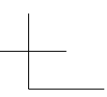
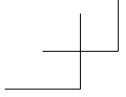


WIRING DIAGRAM

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

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CHAPTER 3 SYSTEM CIRCUITS	E3
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CHAPTER 1 INTRODUCTION

E1

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E

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. 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. (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

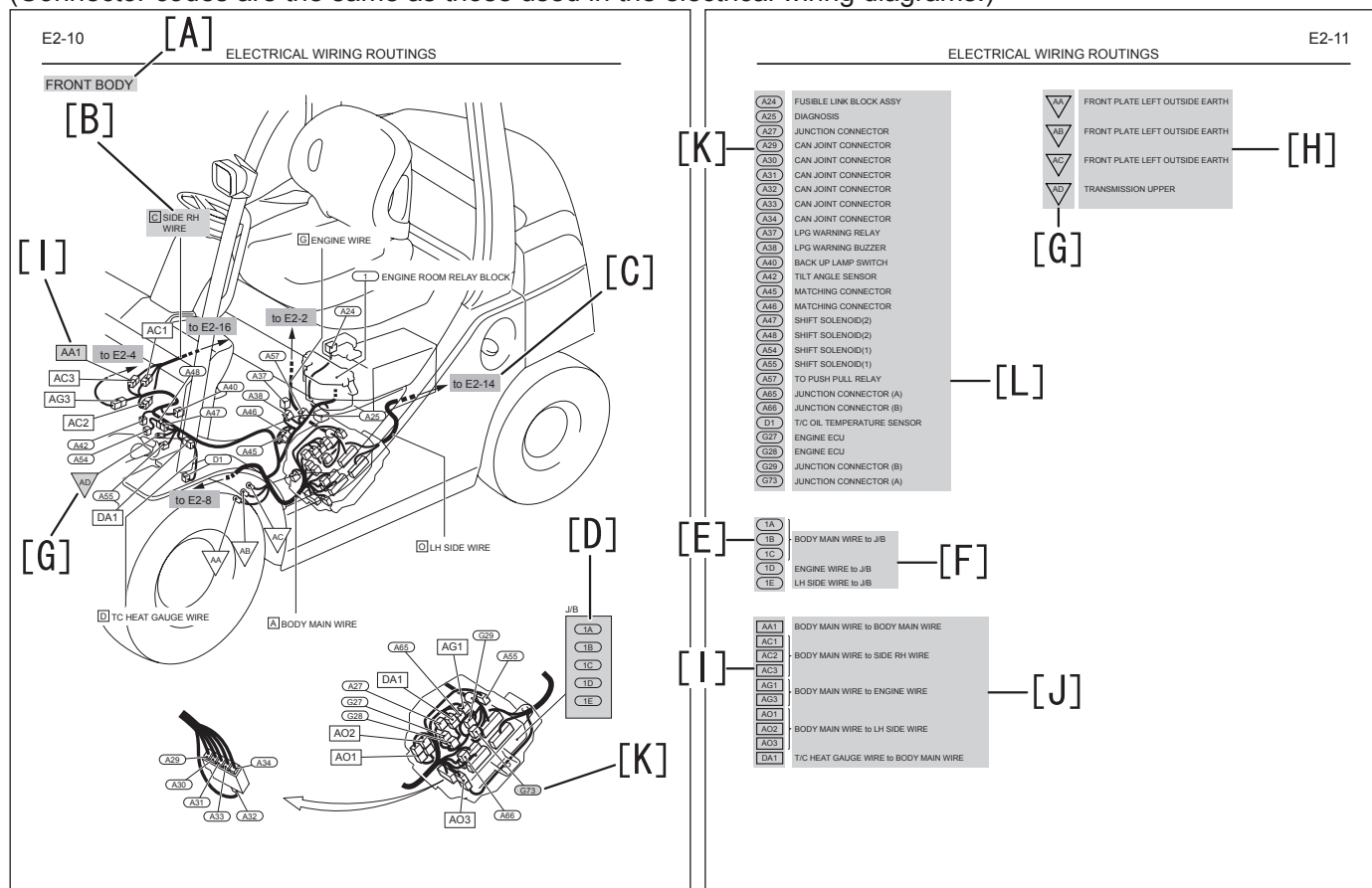
HOW TO READ CHAPTERS

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

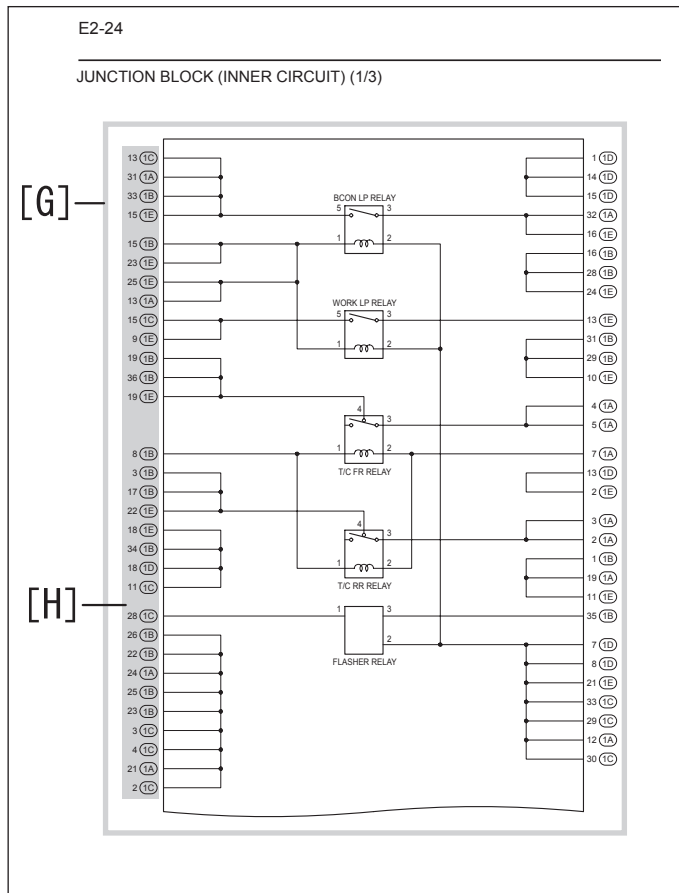
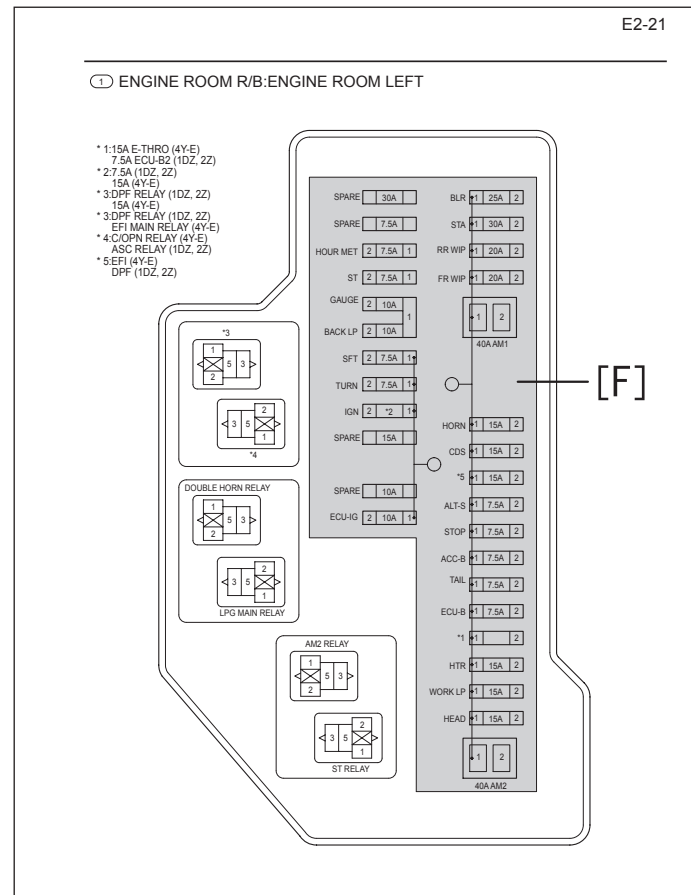
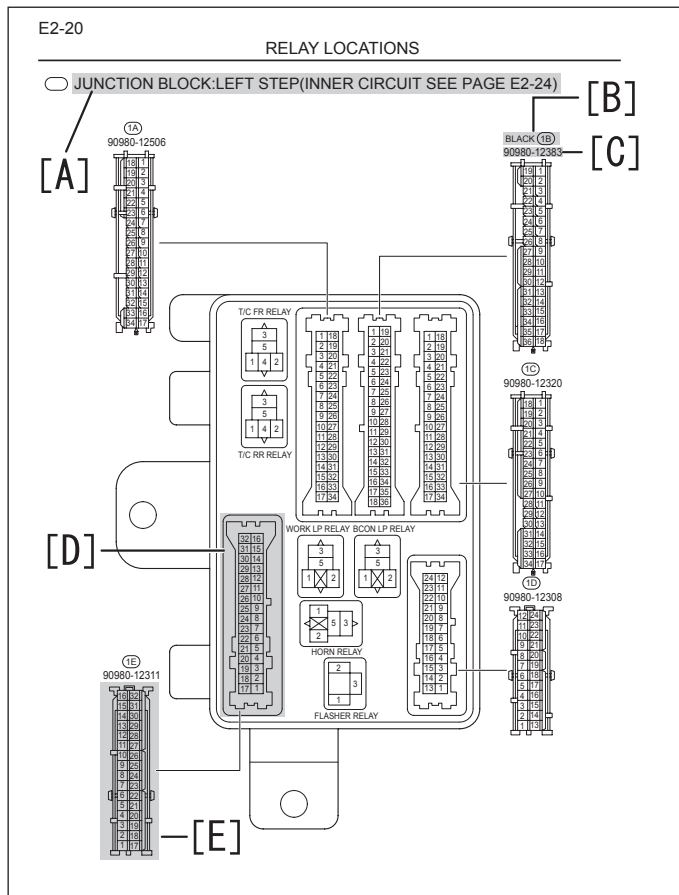
Indicates a connector code connected to a part.

[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

- [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.

C7 Part connector

• The wire harness in which the connector is located.

Example: "C" indicates a connector used in the C wire harness.

For wire harness names, refer to Chapter 2 ELECTRICAL WIRING ROUTINGS and RELAY LOCATIONS.

• Serial number allocated to the connector

D11 (A), D42 (D)

• Connector number

• Used to indicate different connectors when multiple connectors are connected to a part, or multiple types of connectors are used according to specifications.

Harness to harness connector

• Terminal number



• Wire harness to be connected

Example: "AK" means a connection of the female connector*1 of the "A" wire and the male connector*2 of the "K" wire.

*1: A female connector has a female terminal.

*2: A male connector has a male terminal.

• Serial number of a connector

• Male terminal side

[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.

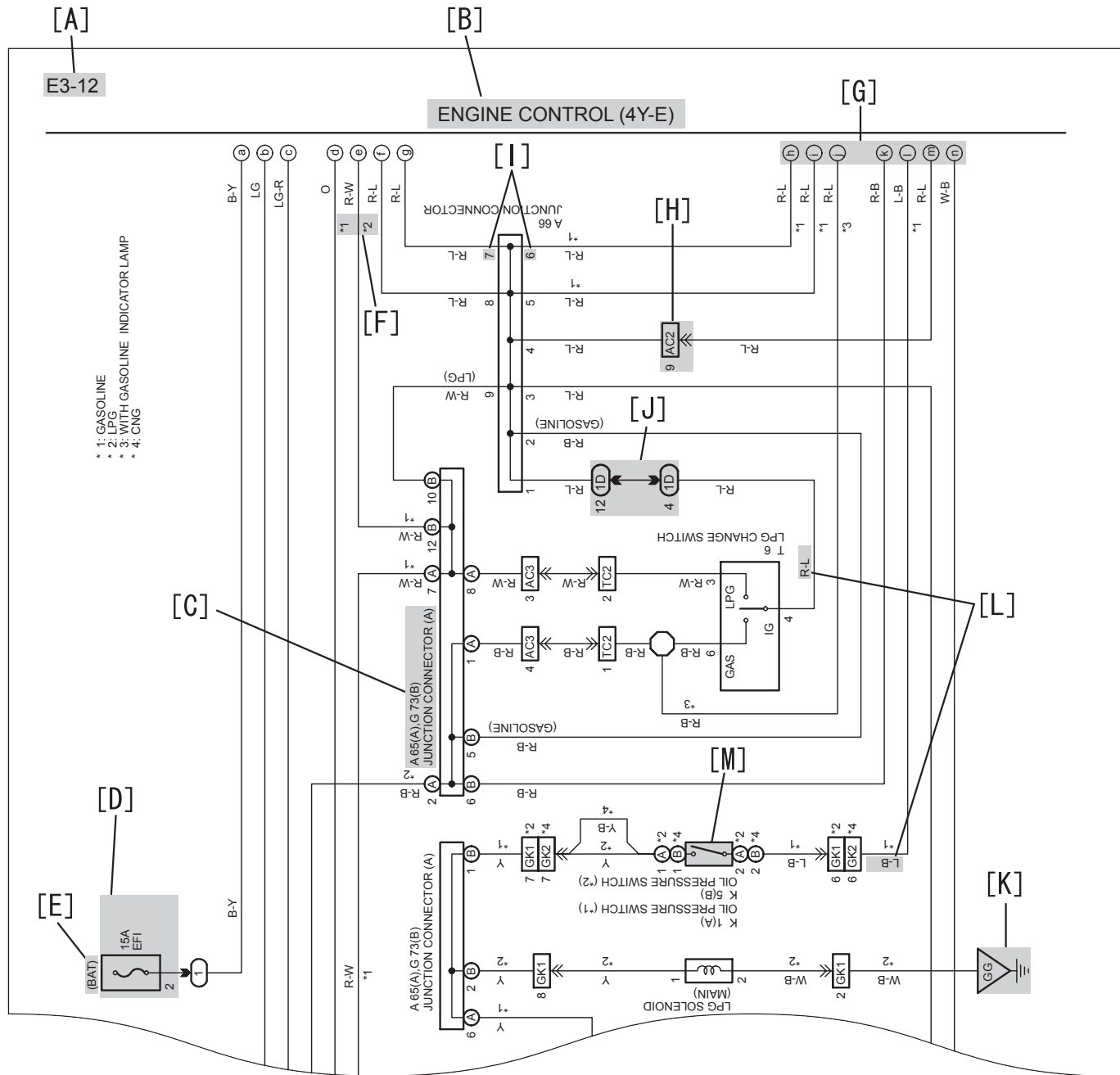
[E] Power supply information

Indicates the ignition key position when power is supplied to a fuse.

[F] Specification information

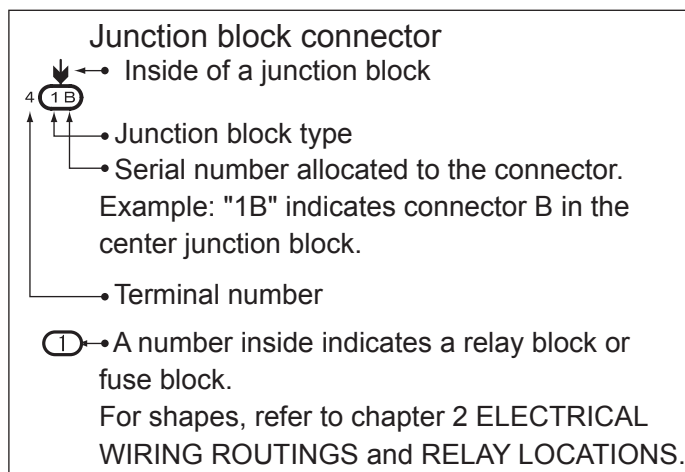
Indicates that connectors or wire colors vary depending on forklift models, engine types or specifications.

Chapter 3 SYSTEM CIRCUITS (2)



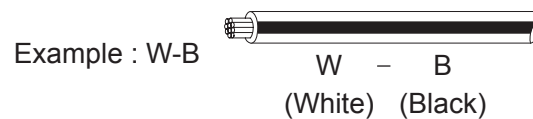
INTRODUCTION

- [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.



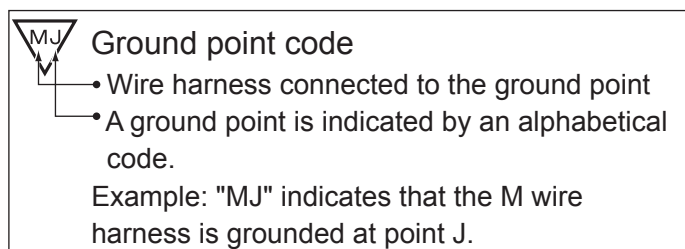
- [L] Wire color
Indicates a wire harness color.
When two alphabetical codes are indicated, for example "W-B", the first letter indicates the basic wire color and the second letter indicates the color of the stripe.

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



- [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
		COOLER	E3-80
AC	FRONT PLATE LEFT OUTSIDE	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

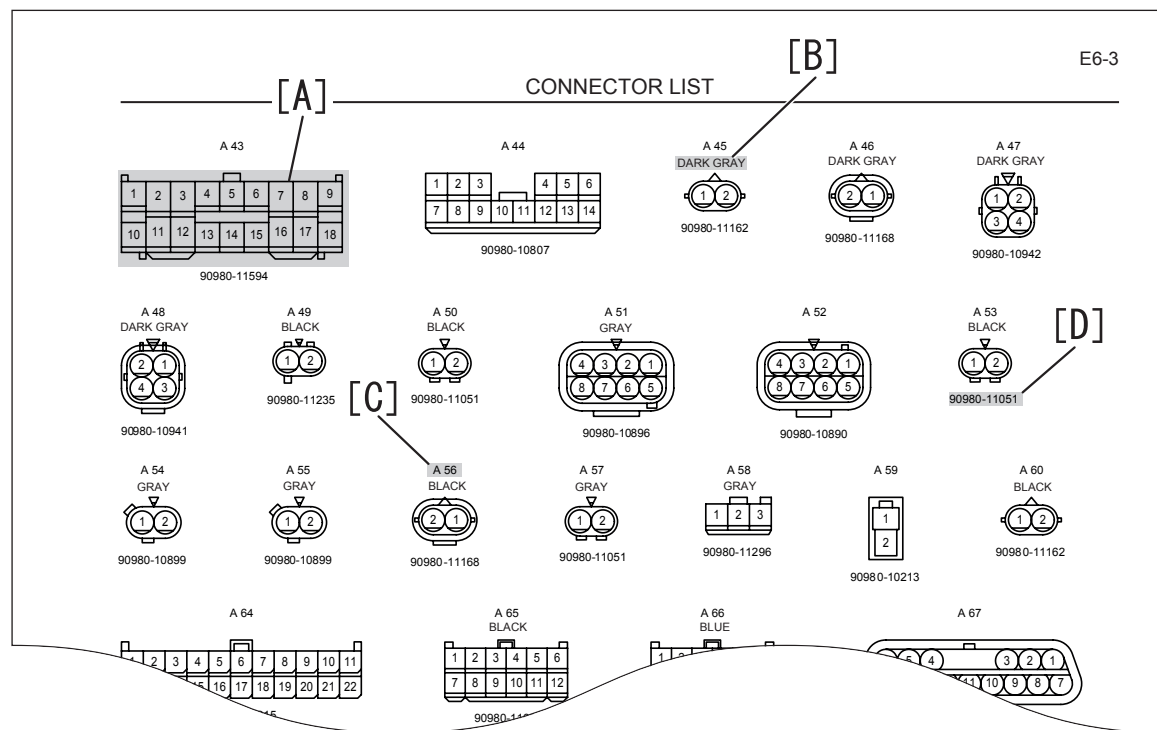
FUSIBLE LINK BLOCK ASSY

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

ENGINE ROOM R/B

FUSE	SYSTEM	Page
7.5A	ACC-B	OPS SYSTEM E3-250
		SAS/OPS SYSTEM E3-258
7.5A	ALT-S	CHARGING E3-194
7.5A	ECU-B	SAS/OPS SYSTEM E3-234
10A	BACK LP	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

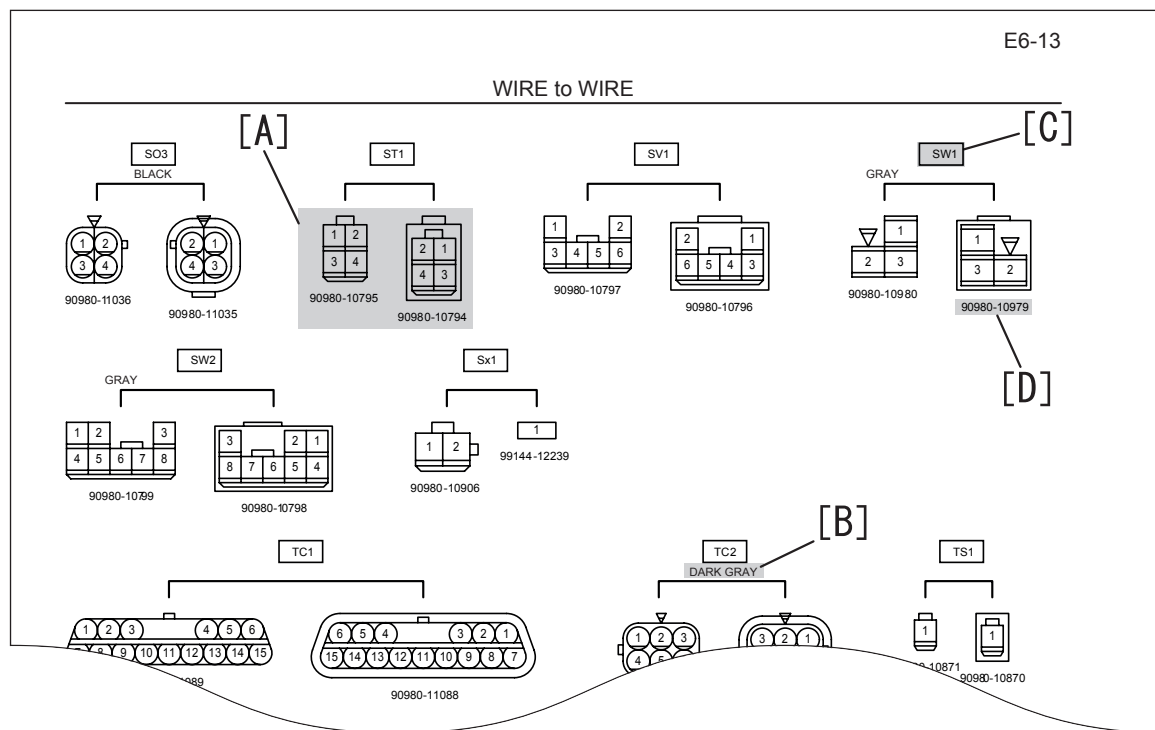
Indicates a connector number connected to a part.
The code is the same as that used in the electrical wiring routing.

[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^{*1} shape (This example indicates a connector for the G wire)

On right: Male connector^{*2} 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

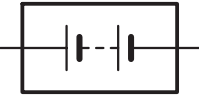

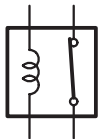



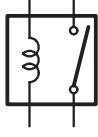



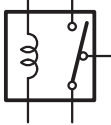



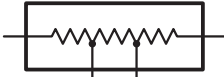
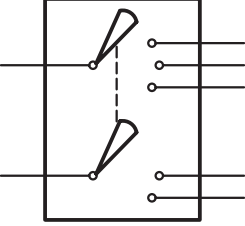






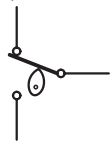







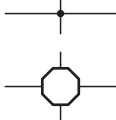




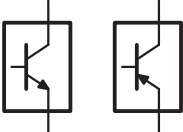
Indicates the part number of a connector

ABBREVIATIONS

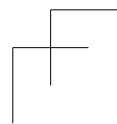
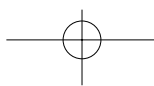
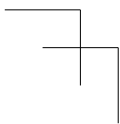
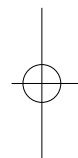
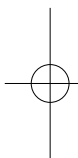
The following abbreviations are used in this section.

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

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



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

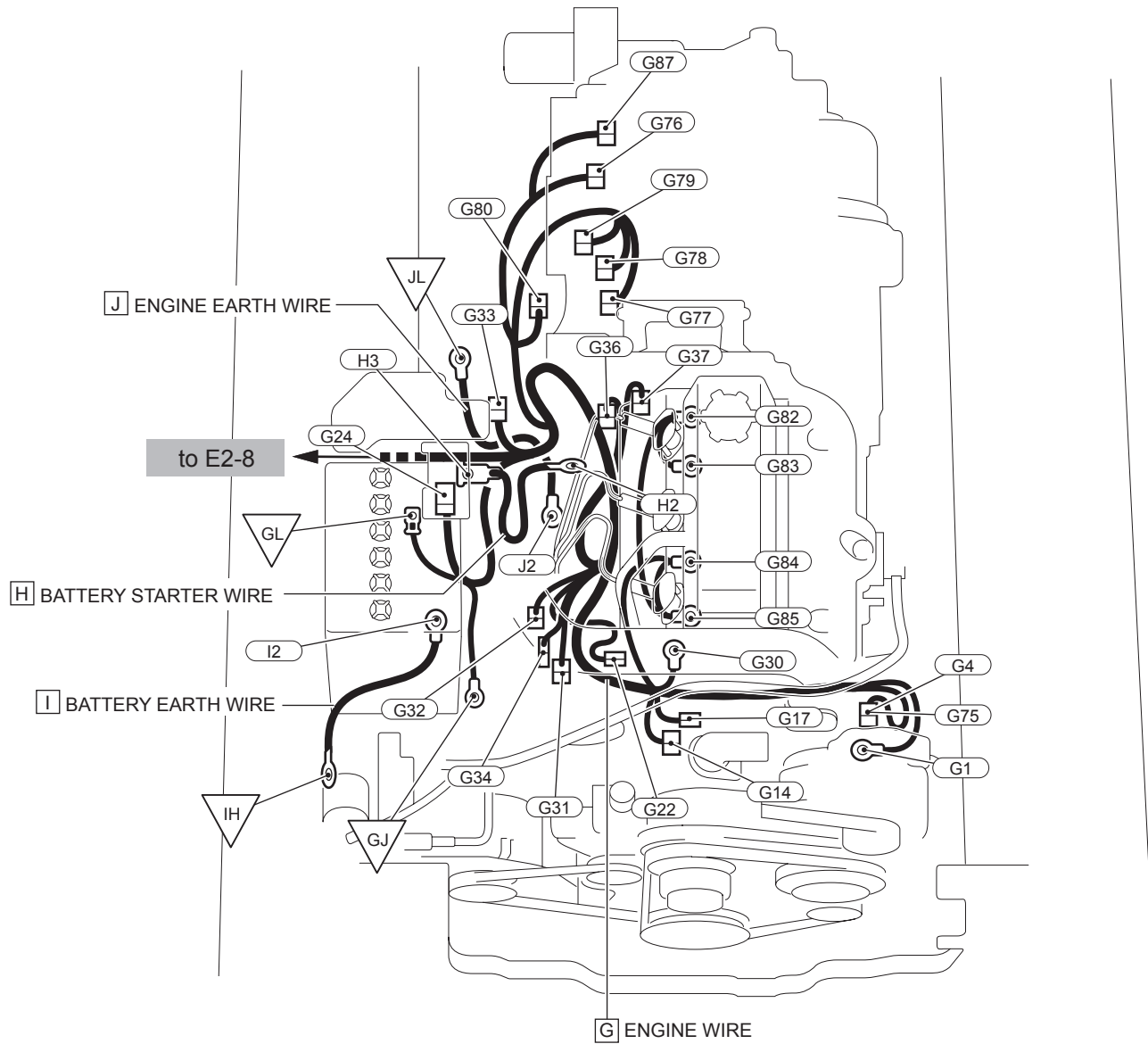
JUNCTION BLOCK (J/B) / RELAY BLOCK (R/B)	E2-16
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SYMBOLS	WIRE NAME	SYMBOLS	WIRE NAME
A	BODY MAIN WIRE	T	RR UPR SUB RH WIRE
B	BODY SUB NO.1 WIRE	U	HEAD GUARD SW WIRE
C	SIDE RH WIRE	X	HOOD MAIN WIRE
D	T/C HEAT GAUGE WIRE	Y	HOOD SUB NO.1 WIRE
G	ENGINE WIRE	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

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	IH	REAR PILLAR LEFT UNDER EARTH
G14	WATER TEMPERATURE SENDER		
G16	WATER TEMPERATURE SENSOR		
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)

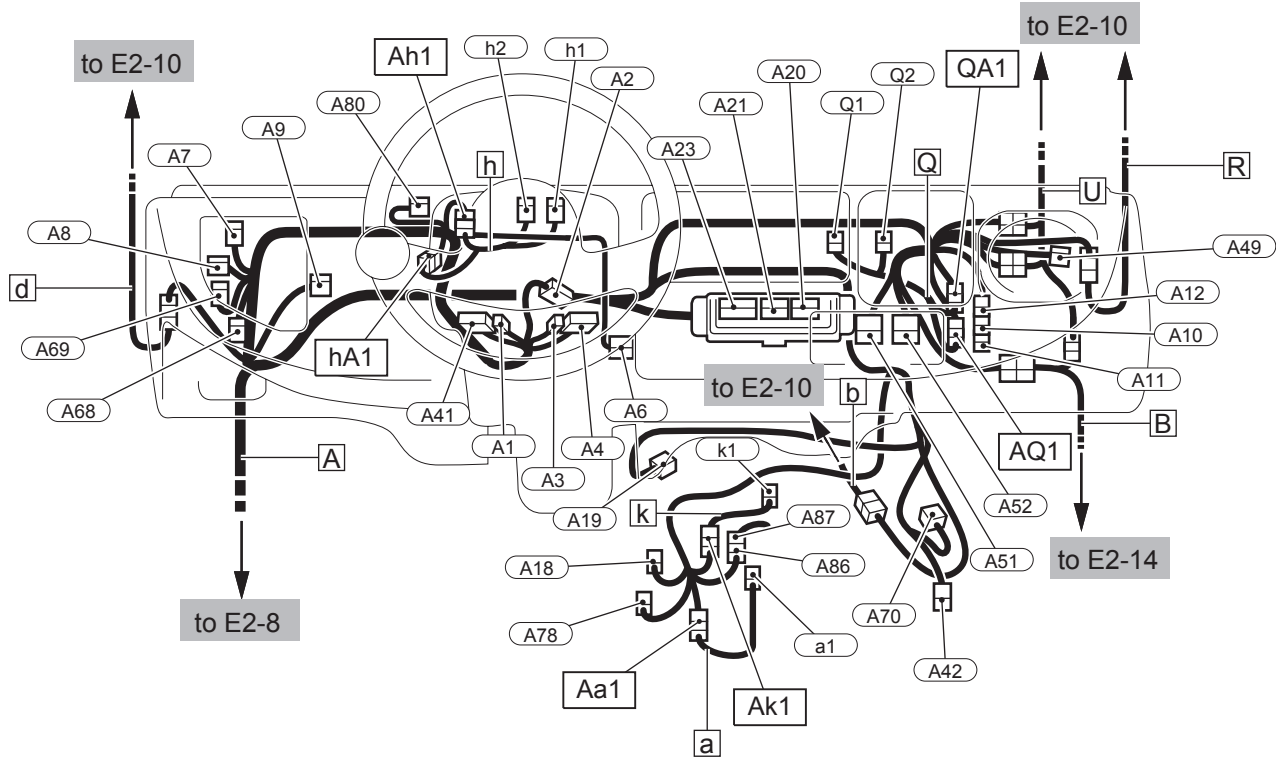


ELECTRICAL WIRING ROUTINGS

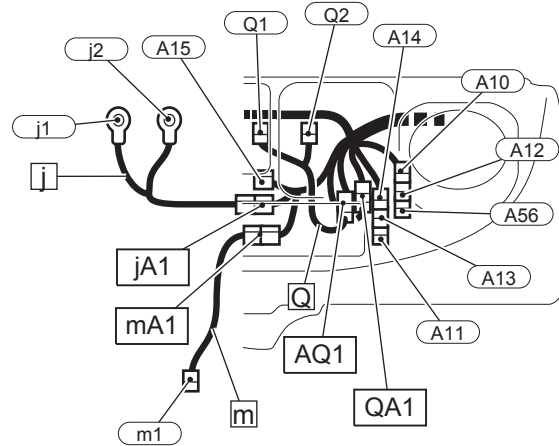
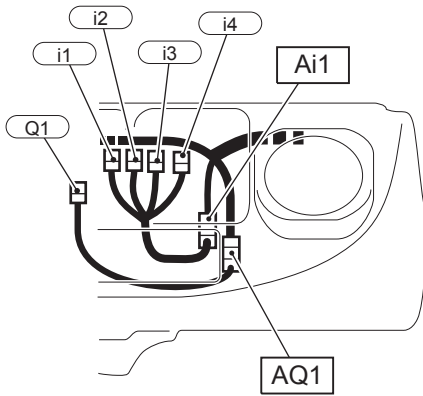
G1	ALTERNATOR
G4	ALTERNATOR
G14	WATER TEMPERATURE SENDER
G17	WATER TEMPERATURE SENSOR
G22	OIL PRESSURE SWITCH
G24	FUSIBLE LINK BLOCK ASSY
G30	GLOW PLUG
G31	INJECTOR PUMP
G32	STARTER
G33	GLOW PLUG RELAY
G34	FUEL CUT SOLENOID
G36	OPEN CLOSE SWITCH
G37	STEP MOTOR
G75	ALTERNATOR
G76	FUSIBLE LINK BLOCK-1
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

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



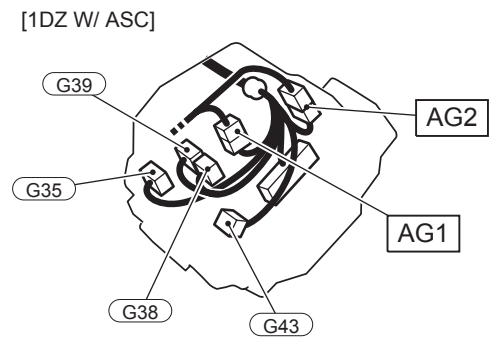
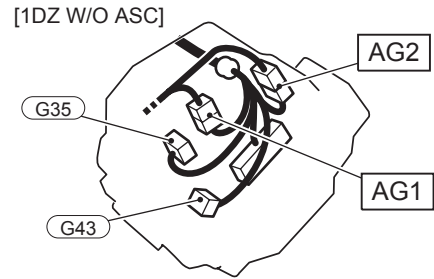
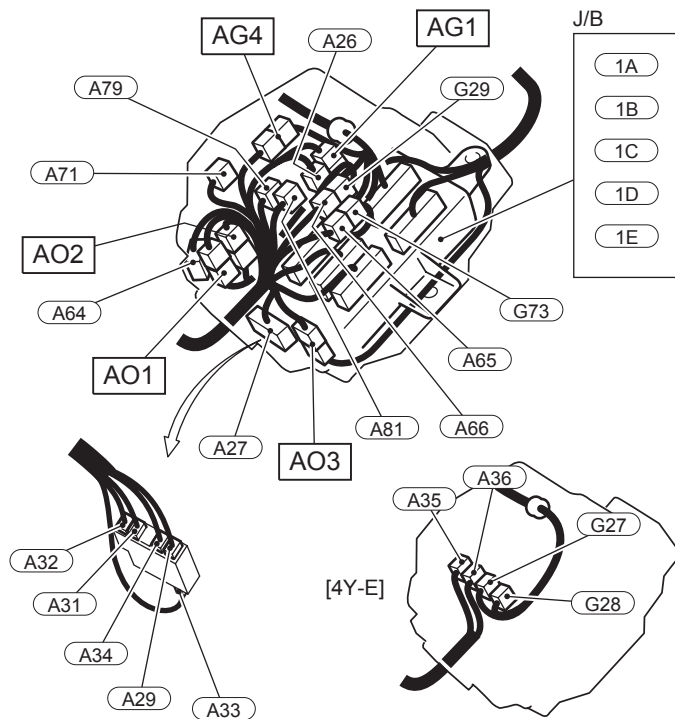
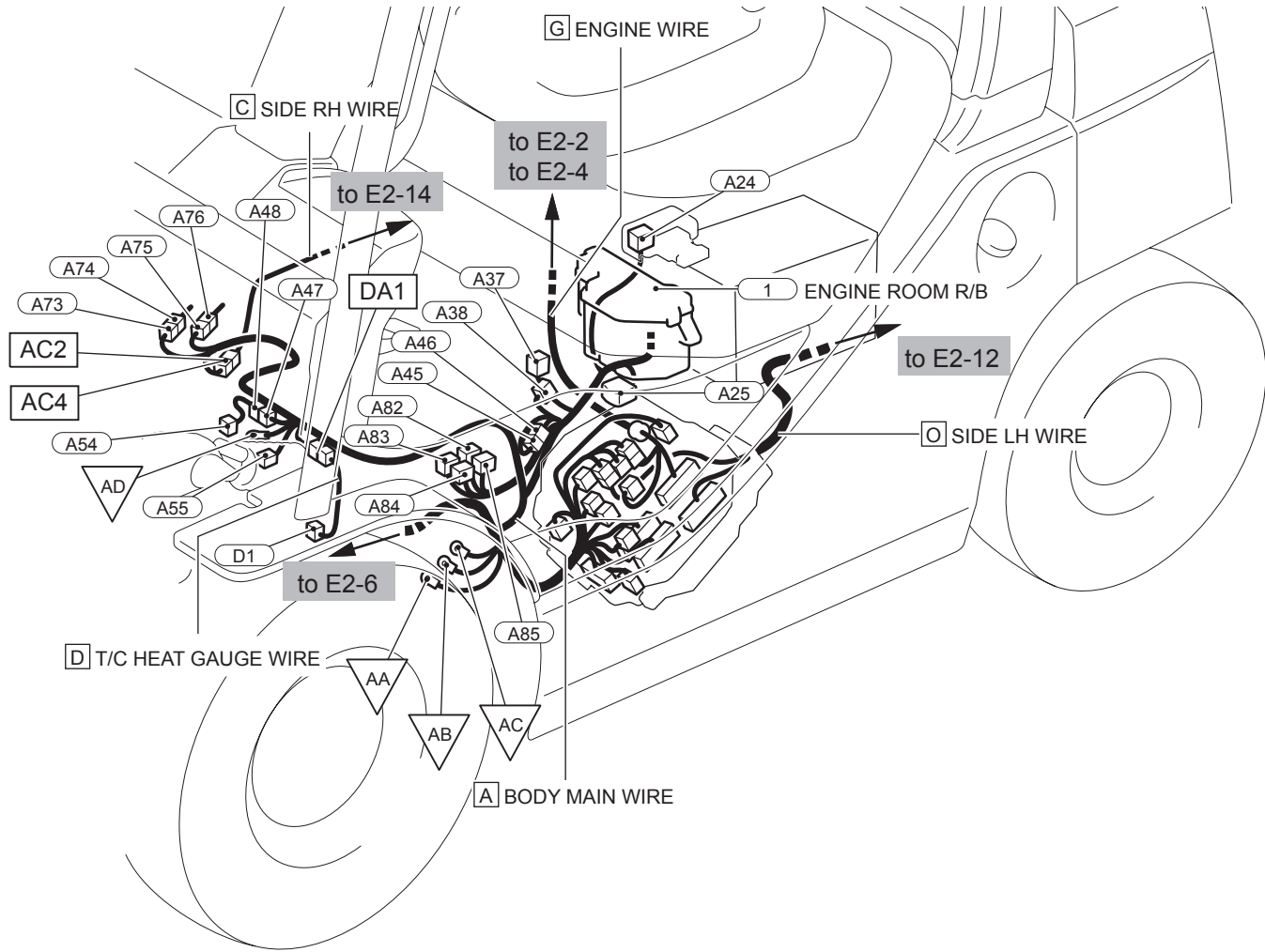
[W/ CNG DIGITAL METER]



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

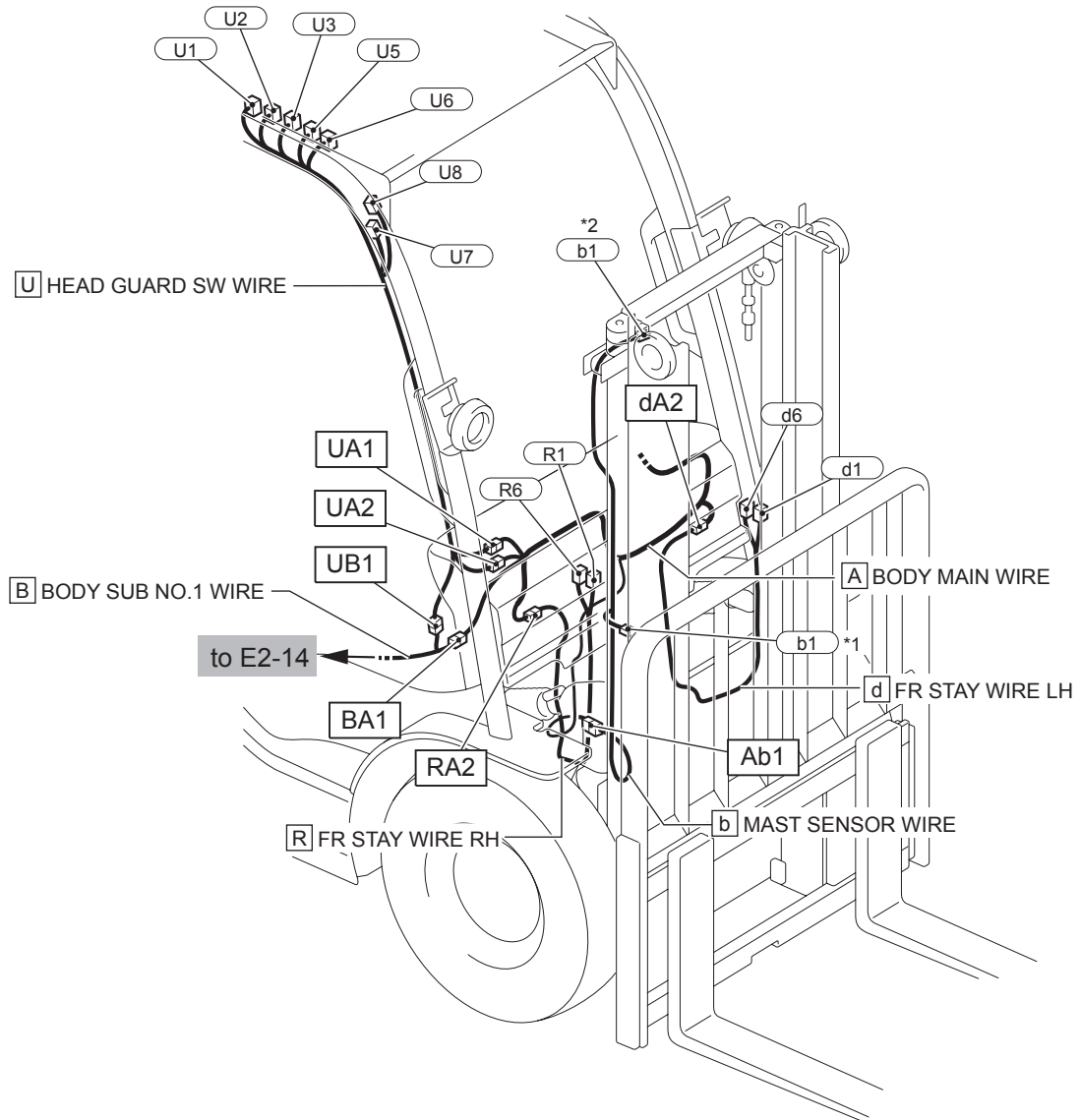


ELECTRICAL WIRING ROUTINGS

(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)		
(A73)	T/C INTERLOCK(FR)		
(A74)	SHORT CONNECTOR(FR)		
(A75)	T/C INTERLOCK(RR)	(AD)	TRANSMISSION UPPER EARTH
(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

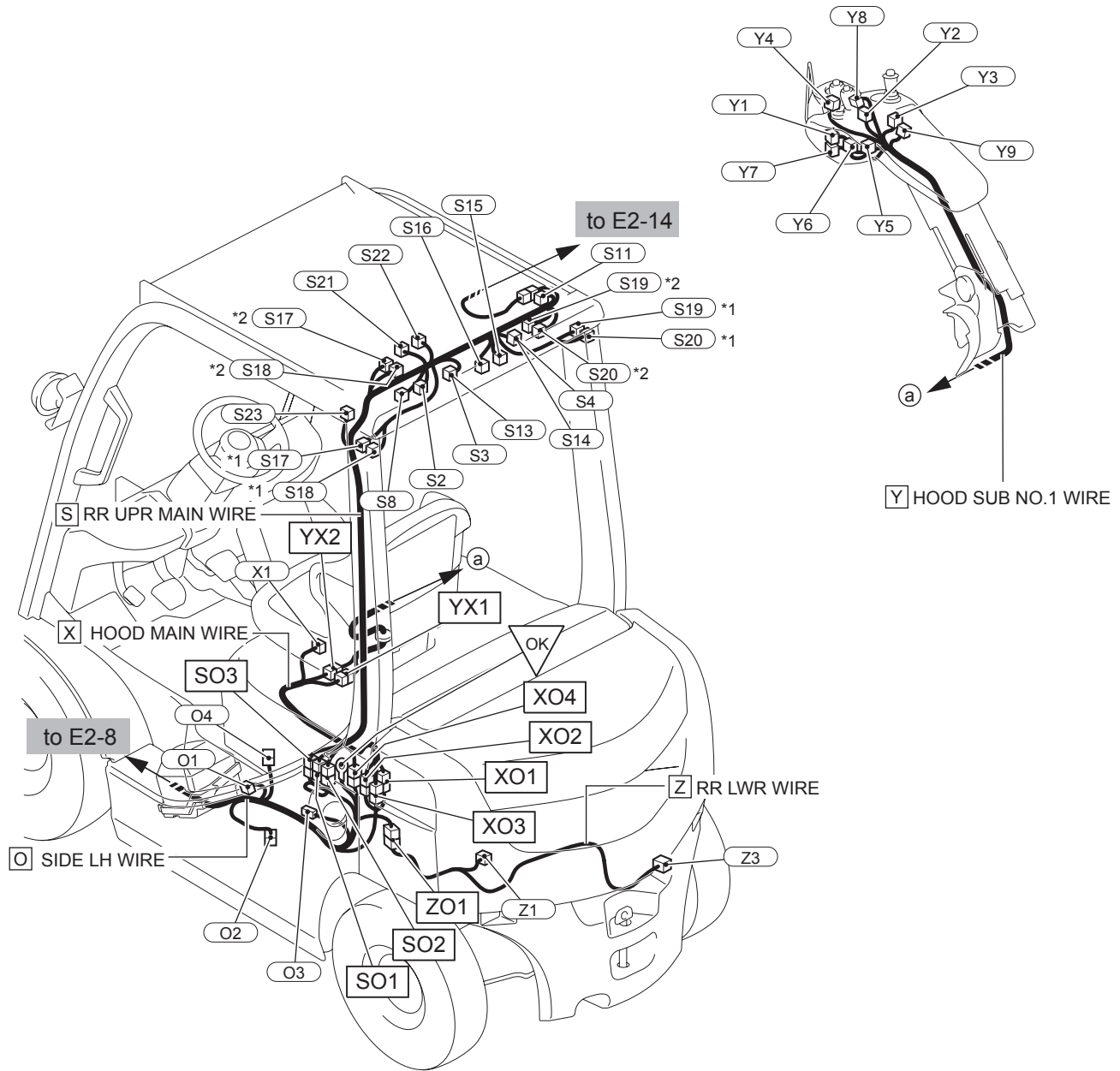
R1	FRONT COMBINATION LAMP RIGHT
R6	HEAD LAMP RIGHT
U1	HEATER SWITCH
U2	FRONT WIPER SWITCH
U3	REAR WIPER SWITCH
U5	LPG WARNING SWITCH
U6	FAN SWITCH
U7	FAN MOTOR(B)
U8	FAN MOTOR(E)
b1	MAST SWITCH
d1	FRONT COMBINATION LAMP LEFT
d6	HEAD LAMP LEFT

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

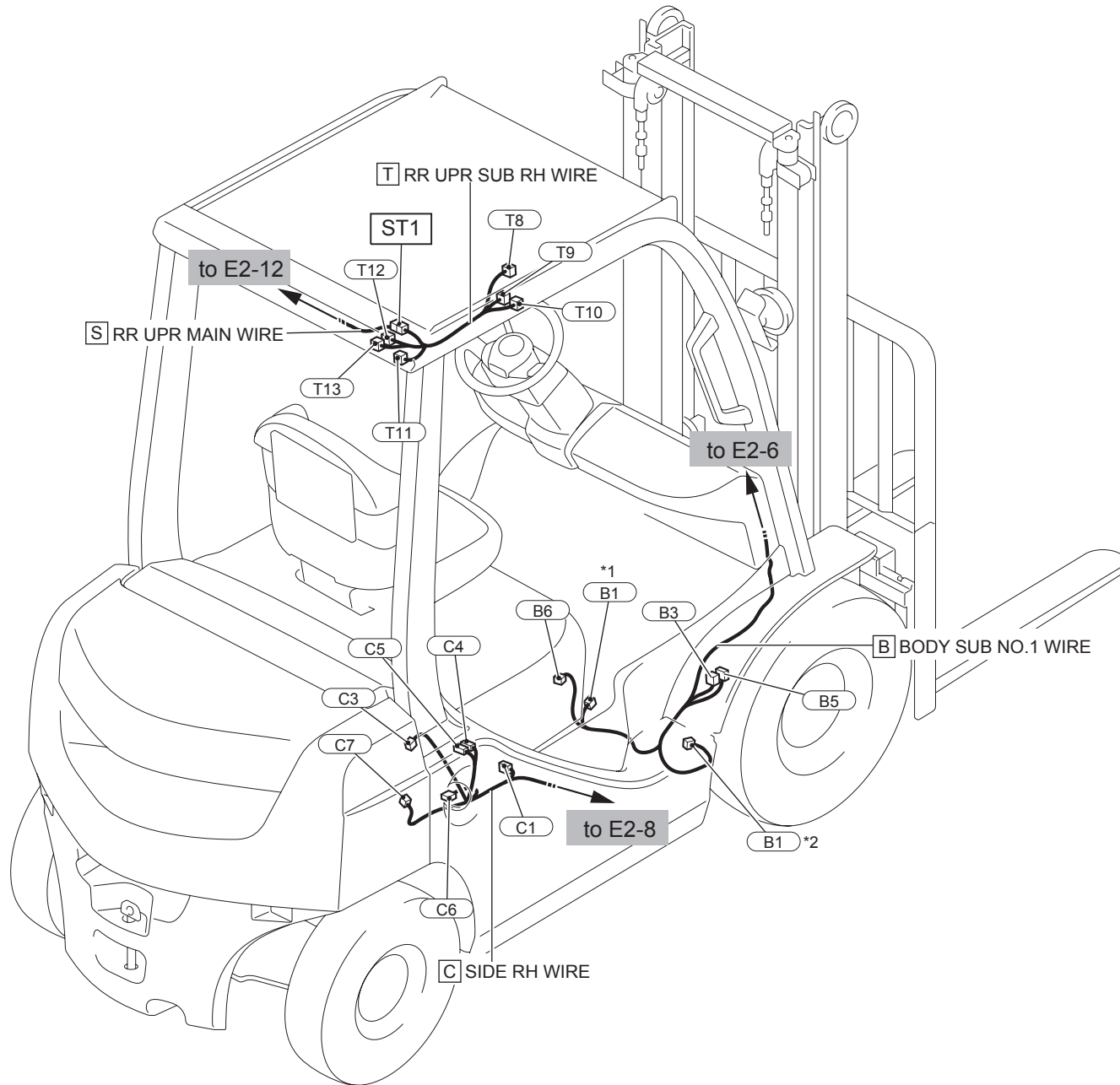
O1	YAW RATE SENSOR
O2	FUEL SENDER GAUGE & FUEL PUMP
O3	SEDIMENTARY SWITCH
O4	STEERING SOLENOID
S2	REAR WIPER MOTOR
S3	REAR COMBINATION LAMP LEFT
S4	REAR COMBINATION LAMP RIGHT
S8	REAR WIPER RELAY
S11	REAR HORN SWITCH
S13	LED REAR COMBINATION LAMP LEFT
S14	LED REAR COMBINATION LAMP RIGHT
S15	SMART ALARM(+)
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
----	------------------------------

REAR BODY(NO.2)

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



ELECTRICAL WIRING ROUTINGS

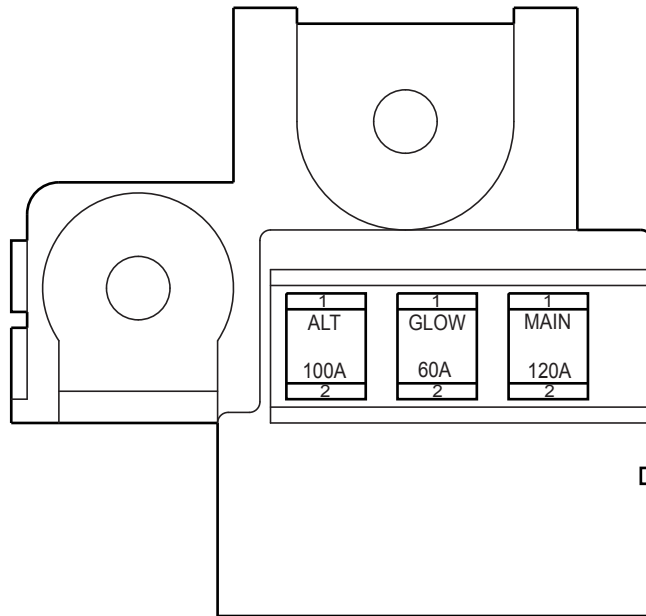
- (B1) FRONT WASHER MOTOR
- (B3) HEATER BLOWER MOTOR
- (B5) HEATER RELAY
- (B6) REAR WASHER MOTOR
- (C1) O2 SENSOR
- (C3) IN AIR SENSOR
- (C4) AIR CLEANER WARNING SWITCH
- (C5) AIR CLEANER WARNING SWITCH
- (C6) RADIATOR WARNING SWITCH
- (C7) BACK UP BUZZER
- (T8) COMPARTMENT LAMP
- (T9) COMPARTMENT LAMP 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

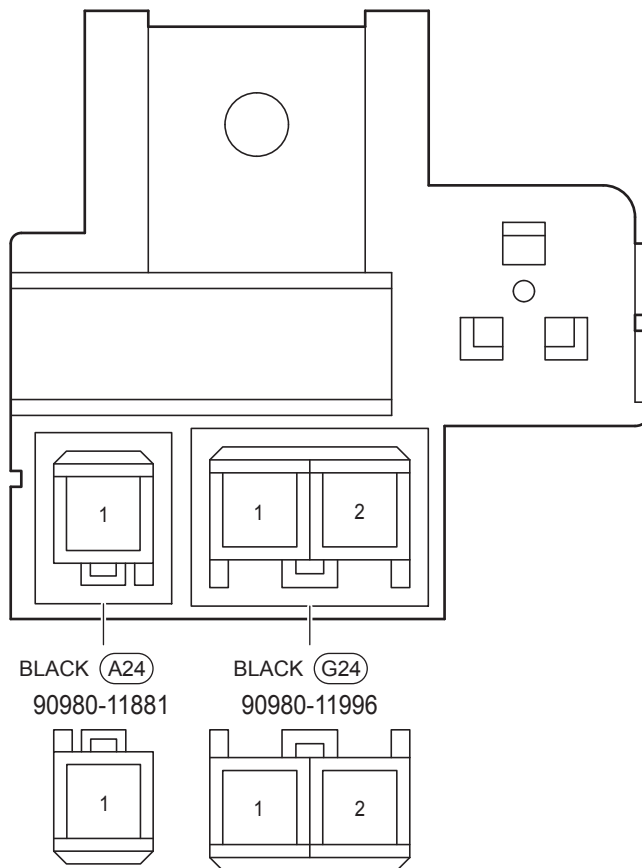
FUSIBLE LINK BLOCK ASSY (INNER CIRCUIT : SEE PAGE E2-22)

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

[FRONT]



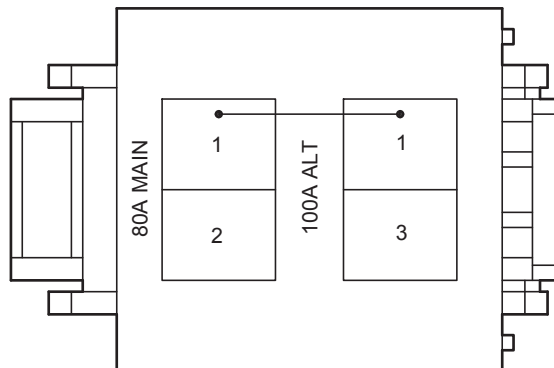
[REAR]



RELAY LOCATIONS

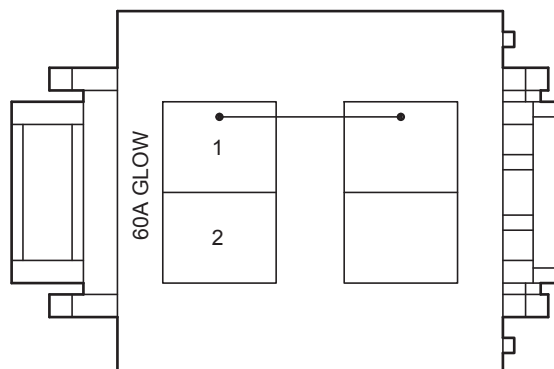
FUSIBLE LINK BLOCK-1 : ENGINE ROOM LEFT

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



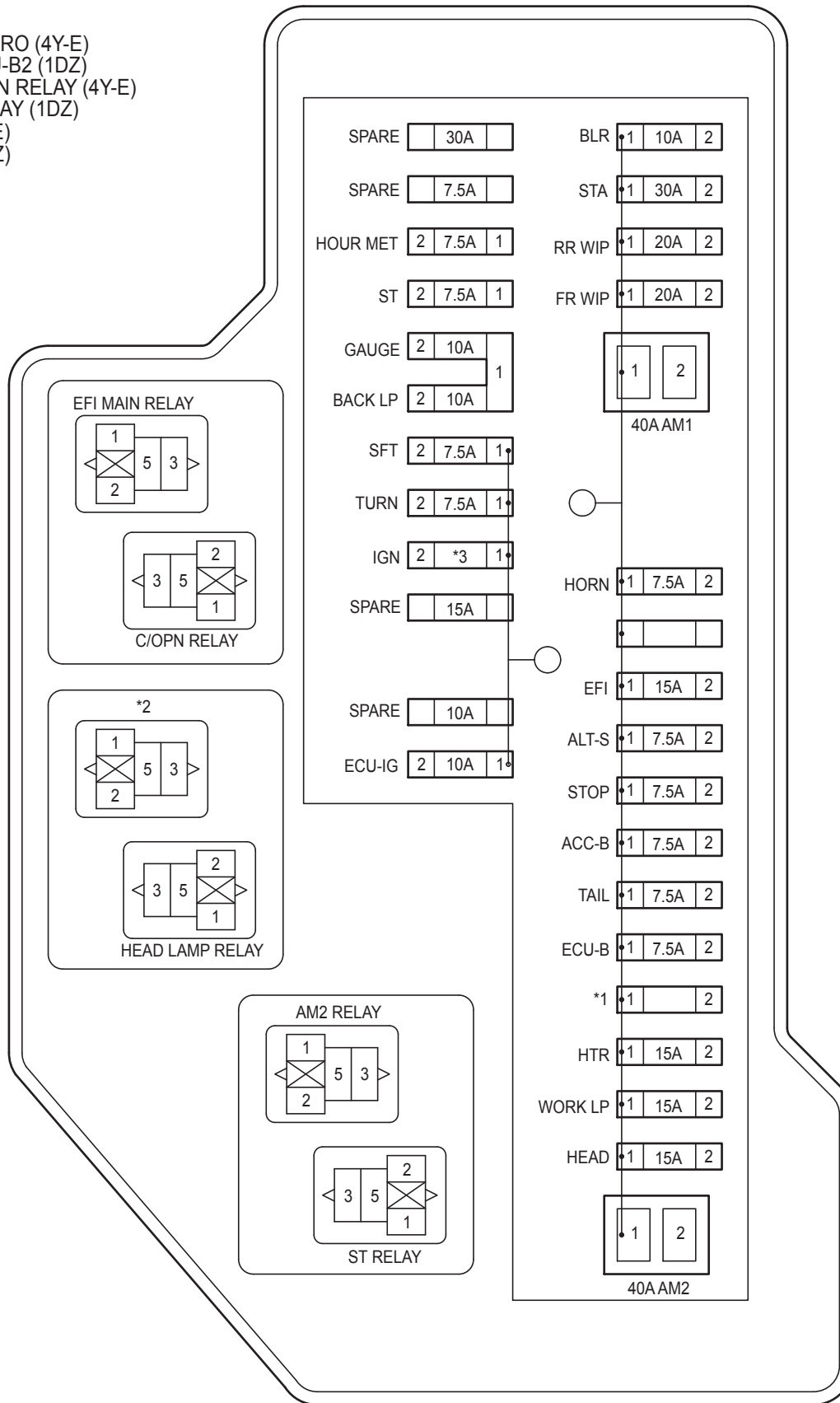
FUSIBLE LINK BLOCK -2 : ENGINE ROOM LEFT

(UL-DS TYPE)



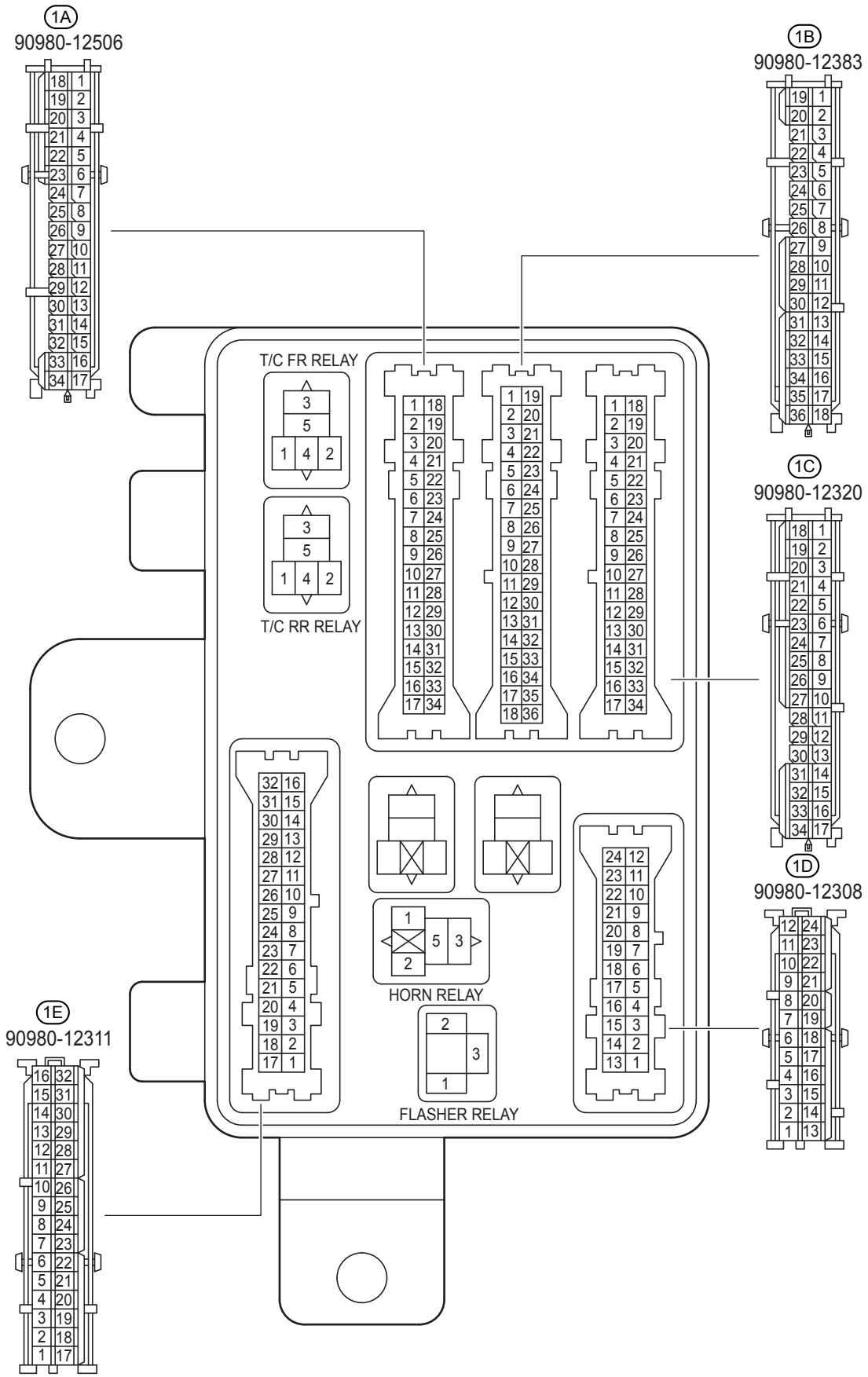
① ENGINE ROOM R/B : ENGINE ROOM LEFT

- * 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)

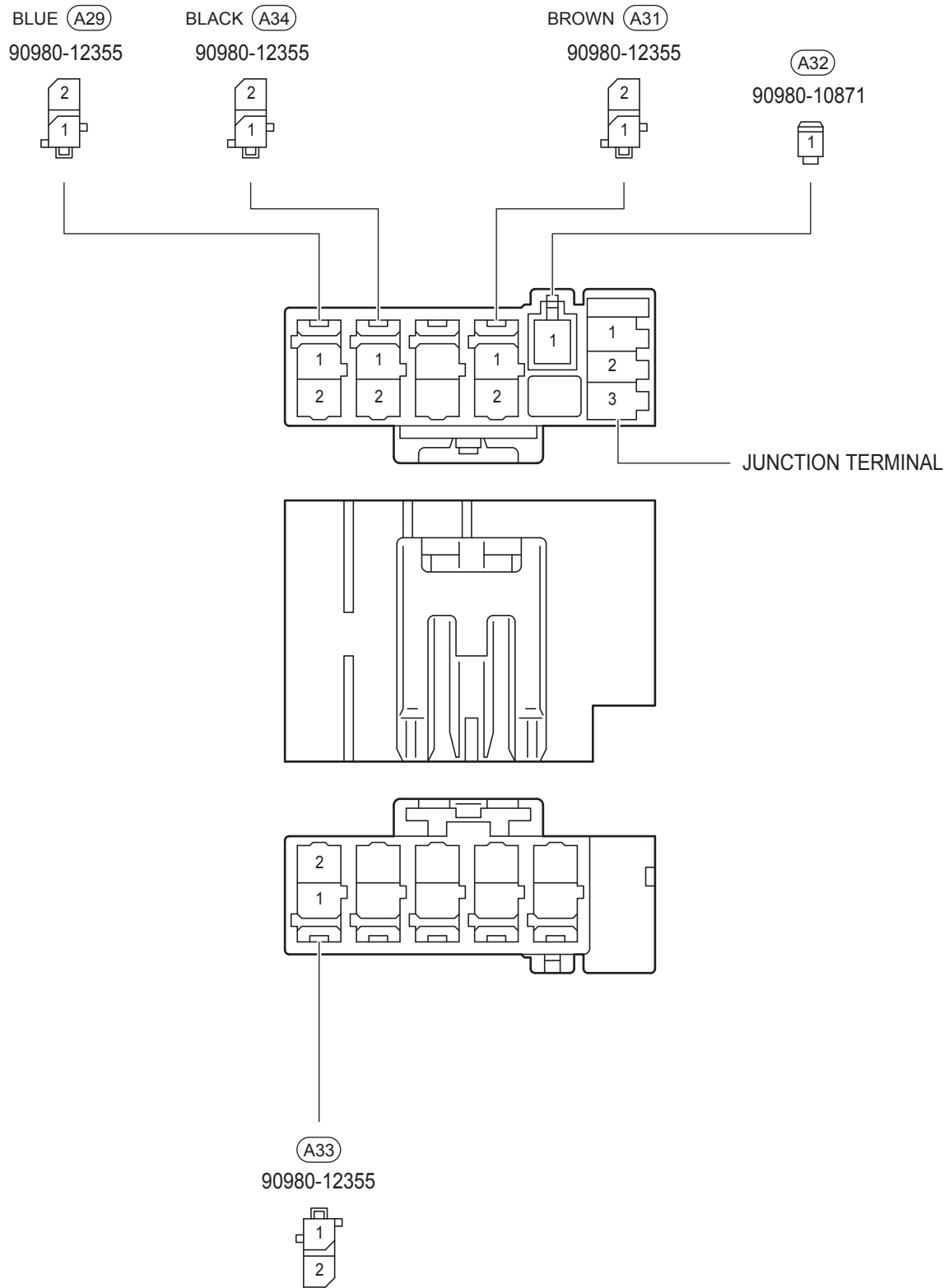


RELAY LOCATIONS

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



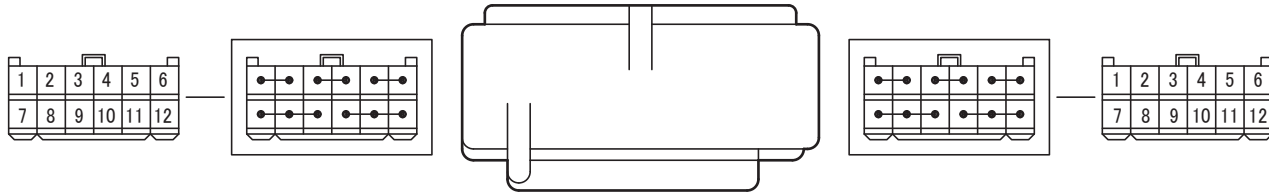
CAN JOINT CONNECTOR : INSIDE OF THE ECU BOX
(INNER CIRCUIT : SEE PAGE E2-27)



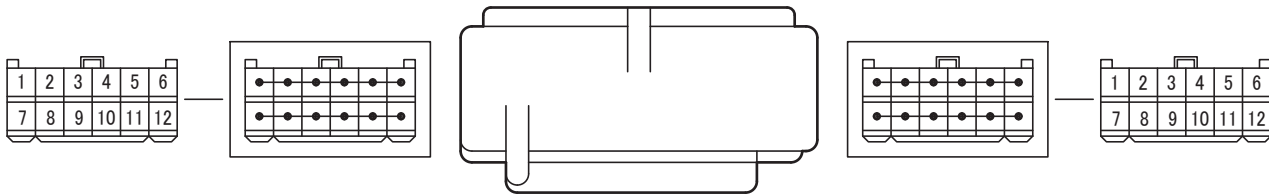
RELAY LOCATIONS

JUNCTION CONNECTOR

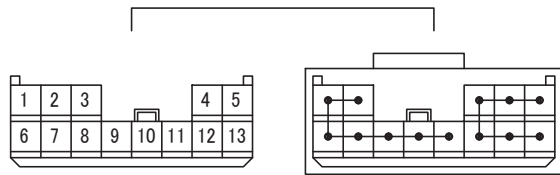
BLACK (A65) ----- JUNCTION CONNECTOR (A) ----- BLACK (G73)



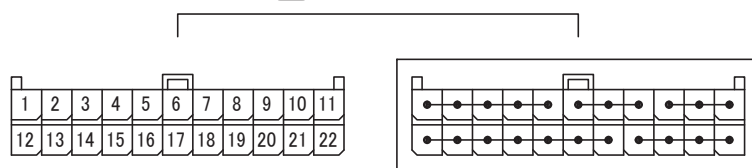
BLUE (A66) ----- JUNCTION CONNECTOR (B) ----- BLUE (G29)



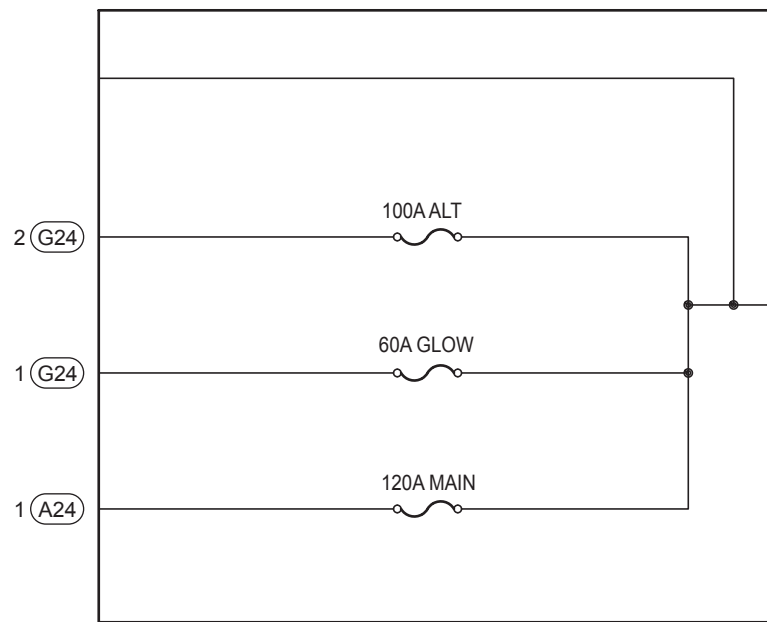
GRAY (A27) JUNCTION CONNECTOR
GRAY (G43) JUNCTION CONNECTOR (E)



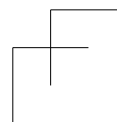
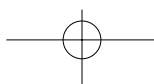
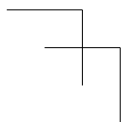
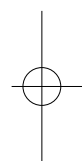
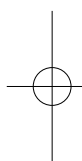
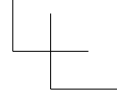
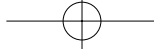
(A64) JUNCTION CONNECTOR (J)



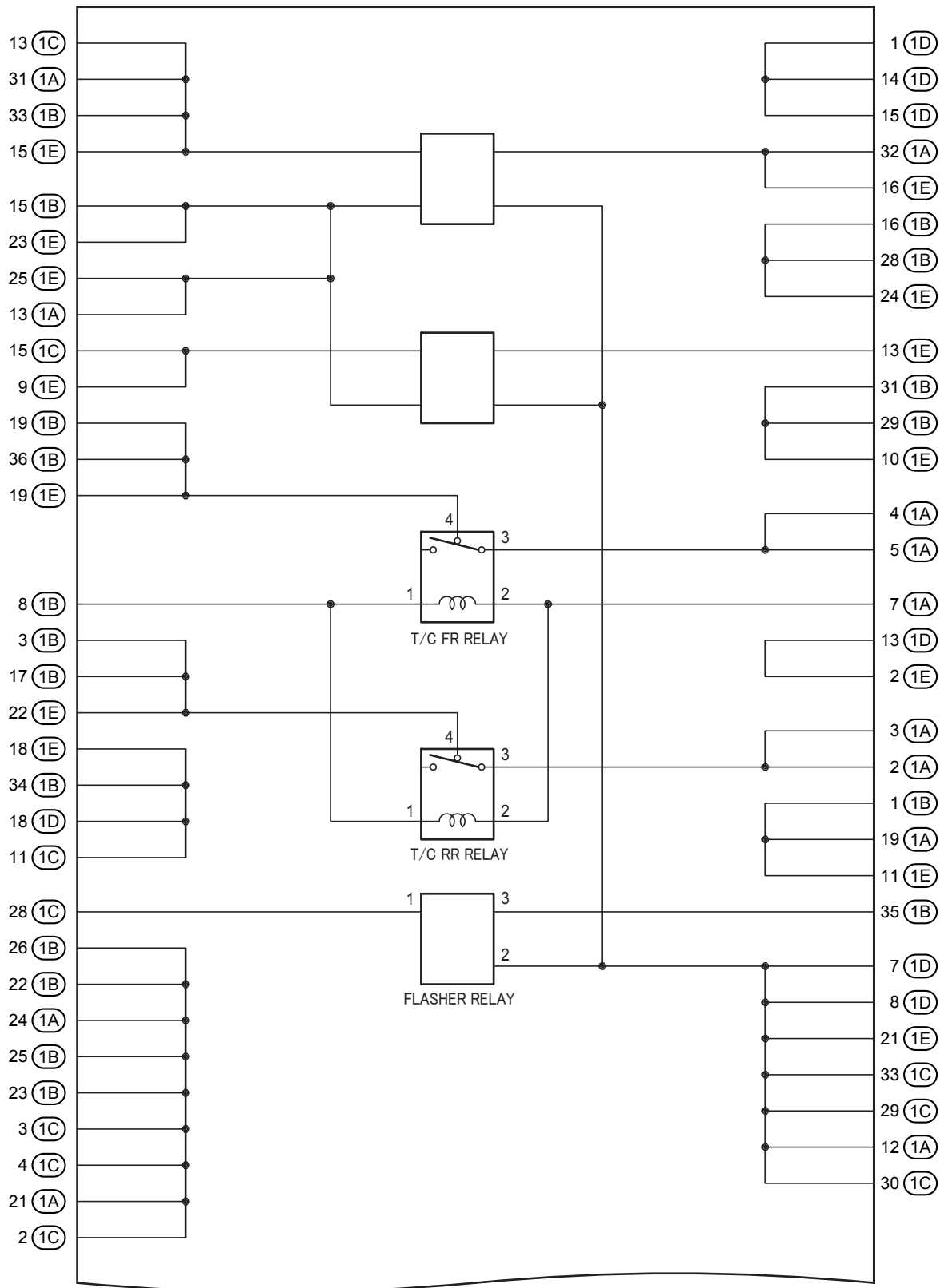
[FUSIBLE LINK BLOCK ASSY INNER CIRCUIT]



MEMO

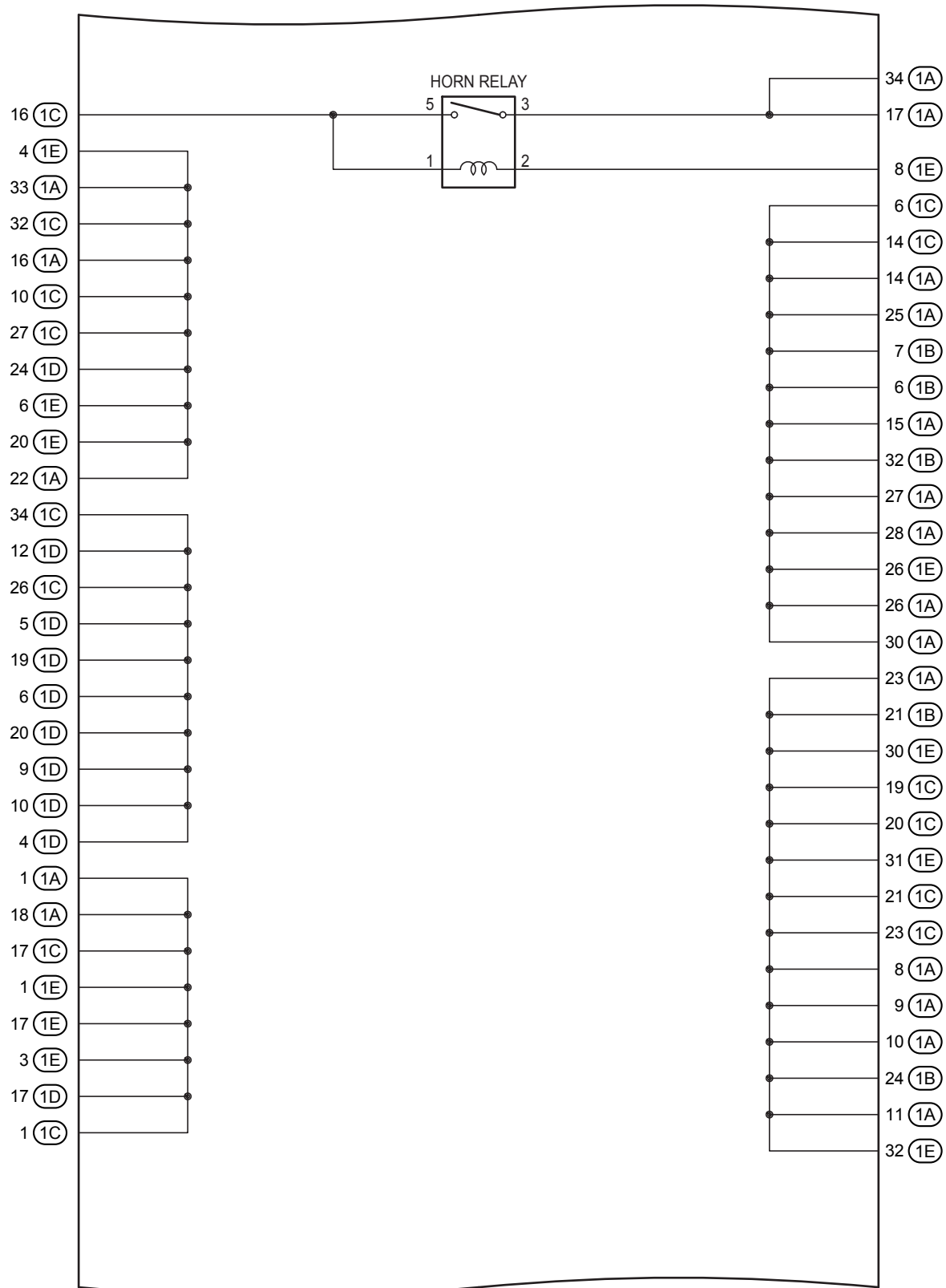


[J/B INNER CIRCUIT (1/3)]

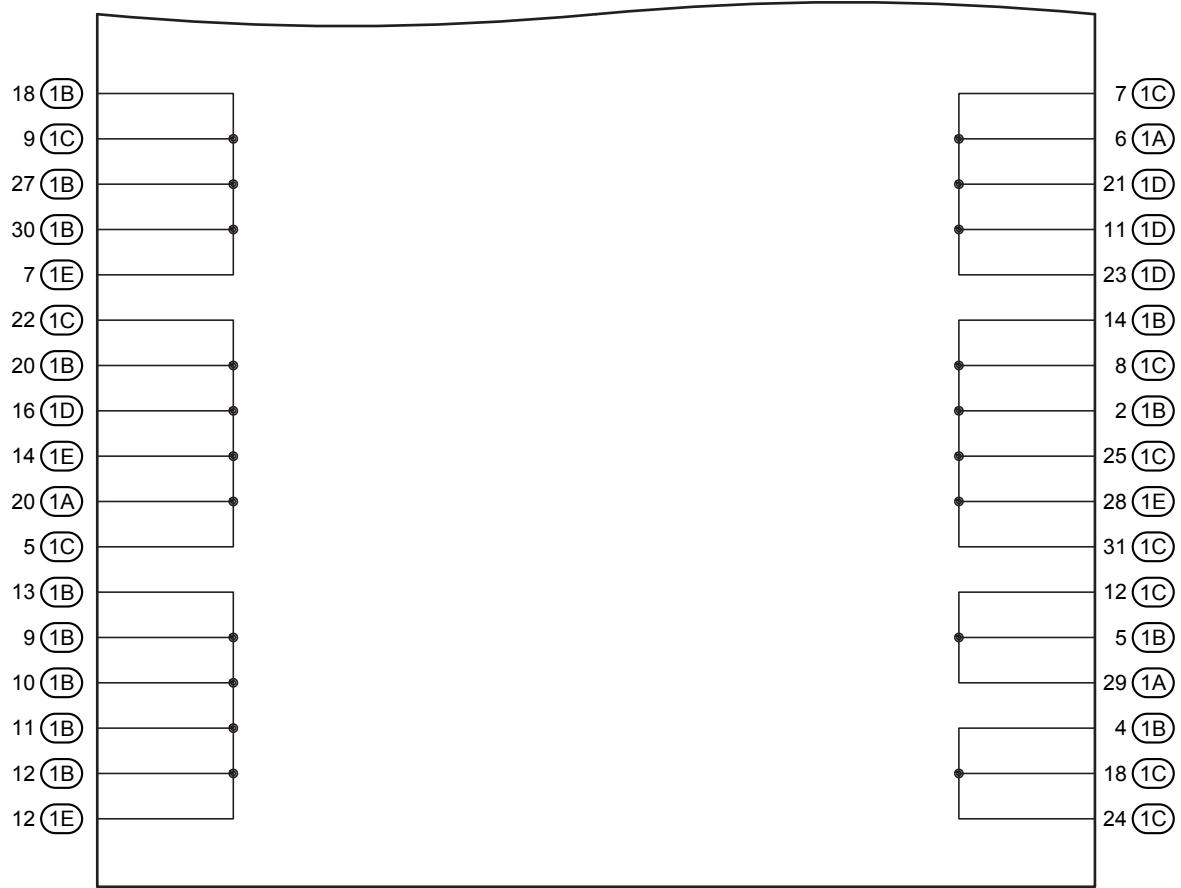


RELAY LOCATIONS

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

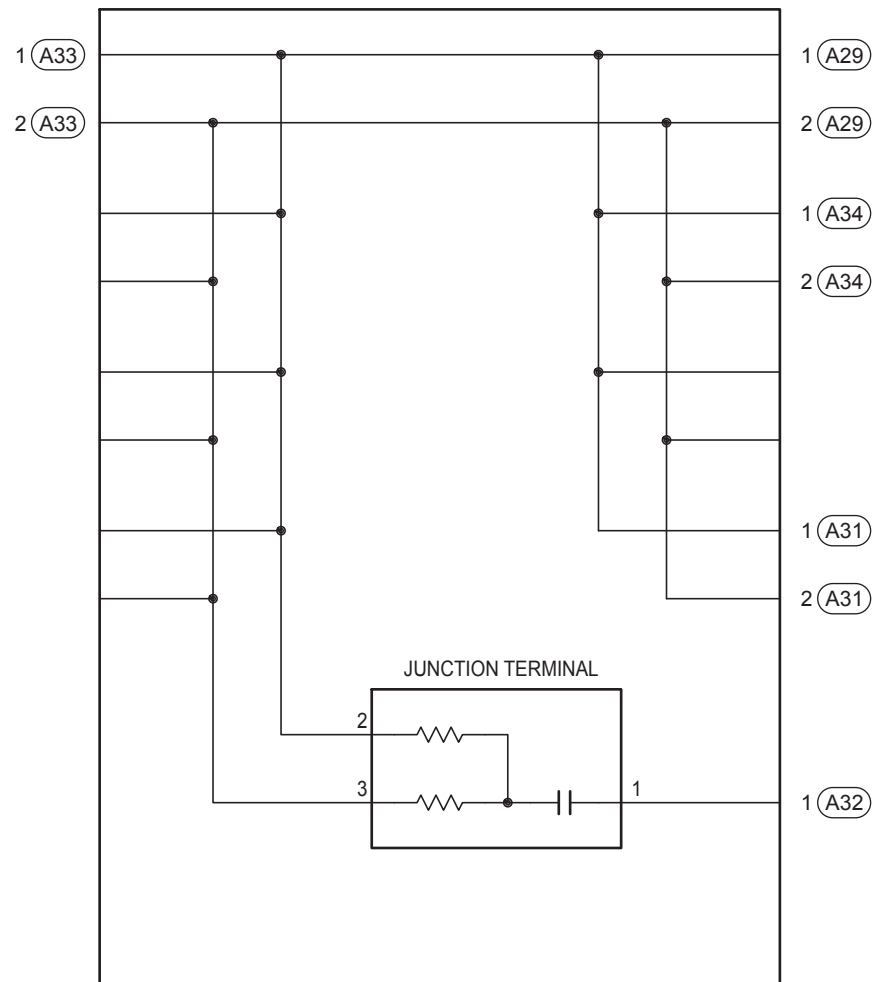


[J/B INNER CIRCUIT (3/3)]

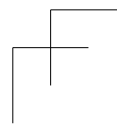
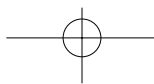
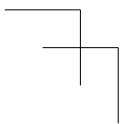
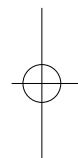
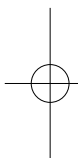
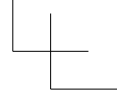
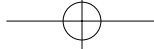


RELAY LOCATIONS

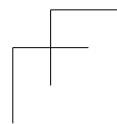
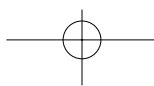
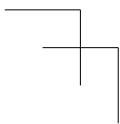
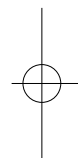
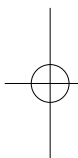
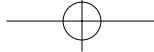
[CAN JOINT CONNECTOR INNER CIRCUIT]



MEMO



MEMO



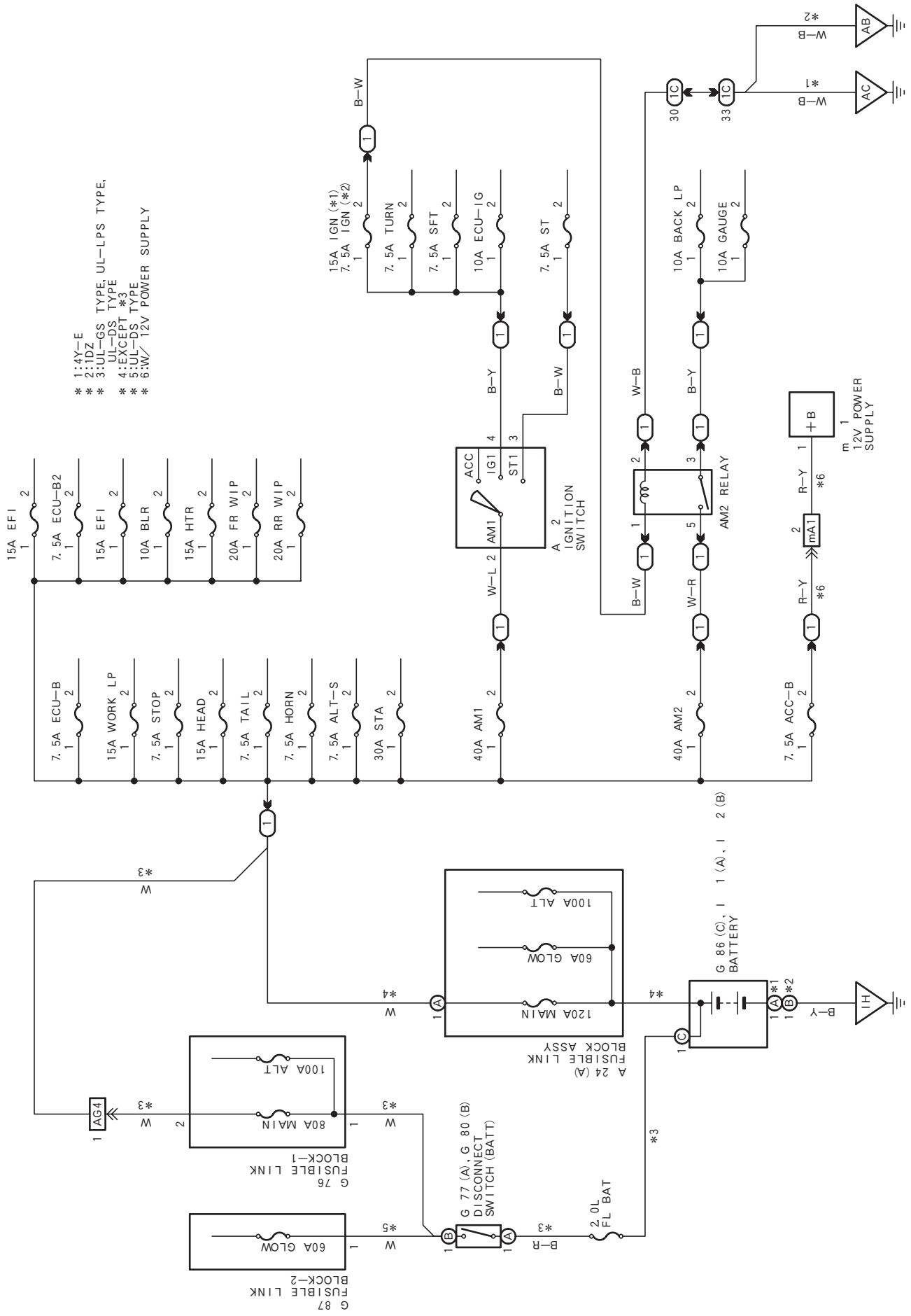
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CHAPTER 3 SYSTEM CIRCUITS

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E3

POWER SOURCE



- * 1:4Y-E
- * 2:1DZ
- * 3:UL-GS TYPE, UL-LPS TYPE, UL-DS TYPE
- * 4:EXCEPT *3
- * 5:UL-DS TYPE
- * 6:W/ 12V POWER SUPPLY

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

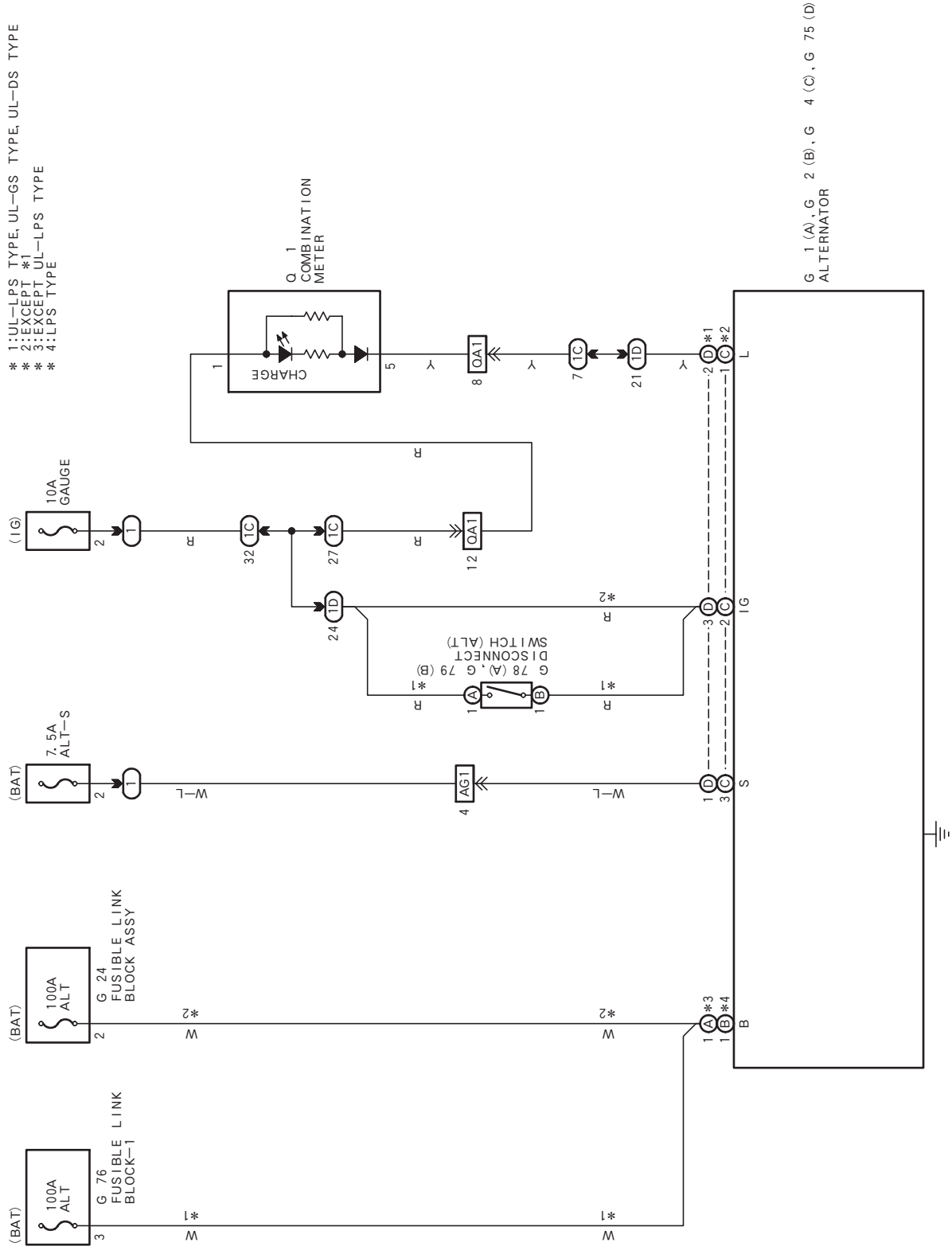
WIRE TO WIRE

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



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		

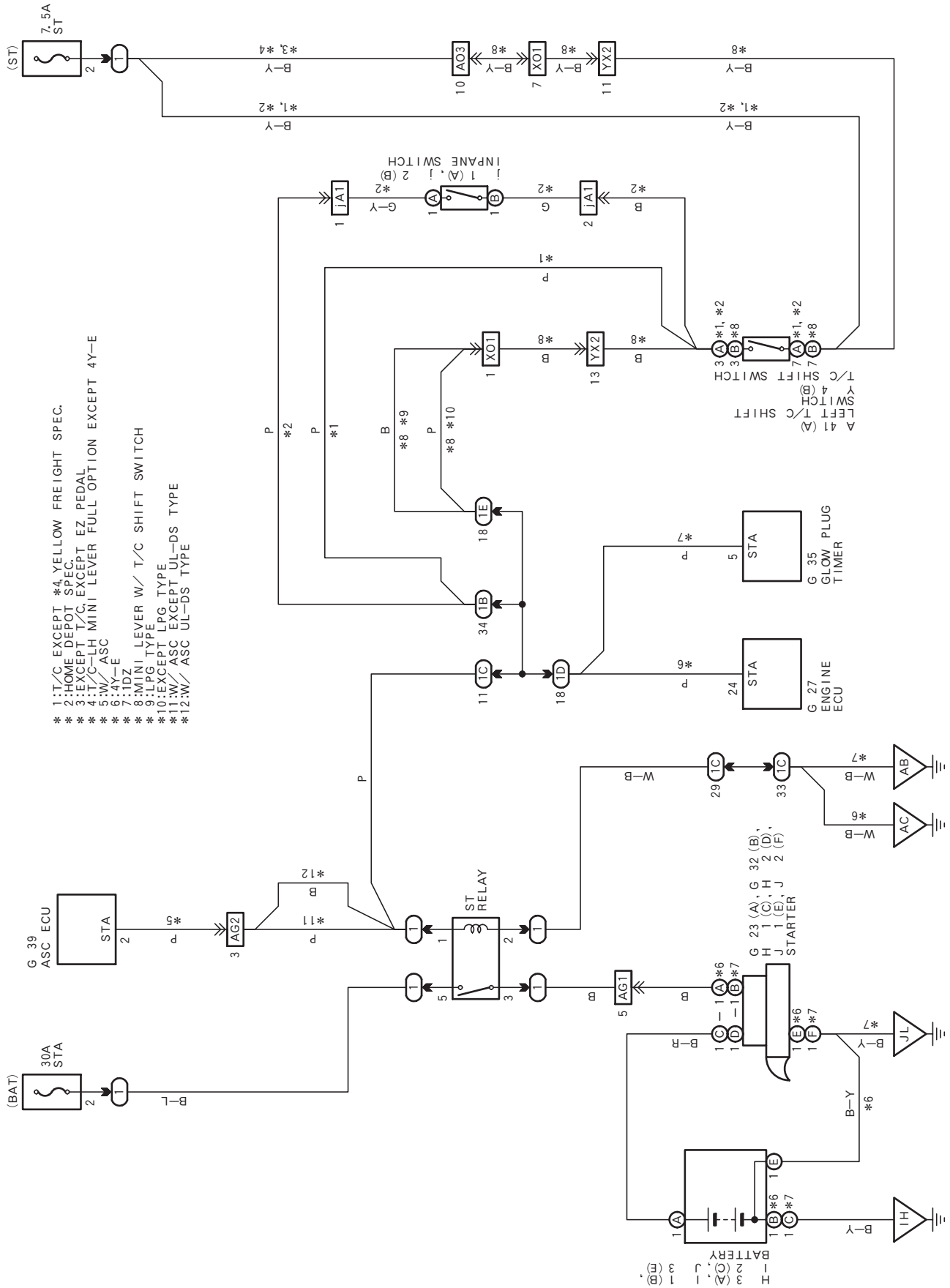
RELAY BLOCK , JUNCTION BLOCK

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



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

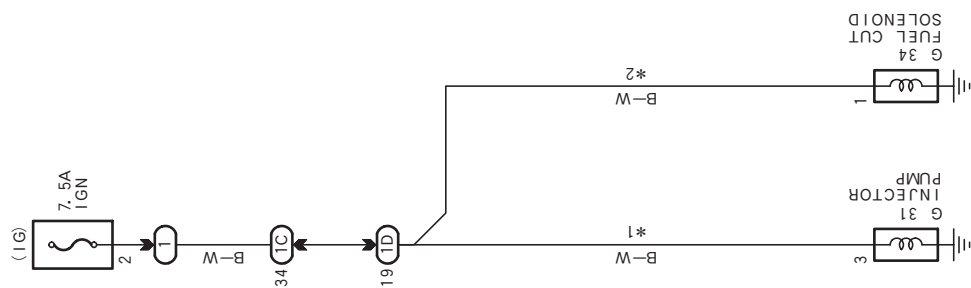
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1D	E2-8,18	ENGINE WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

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



* 1:W/ASC
* 2:W/OASC

FUEL

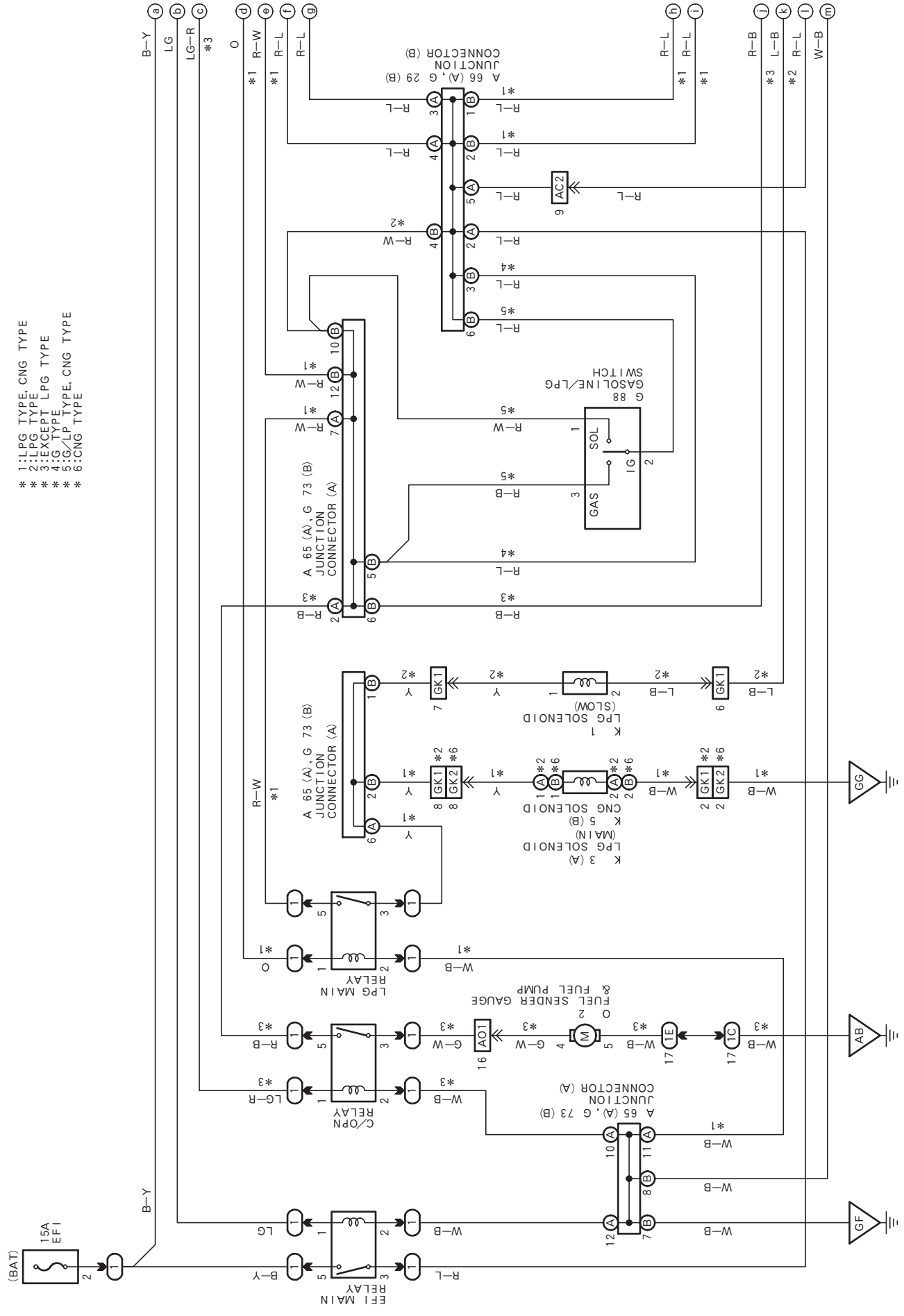
PARTS

Code	See Page	Code	See Page	Code	See Page	Code	See Page
G 31	E2-4	G 34	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
1D	E2-8,18	ENGINE WIRE to J/B

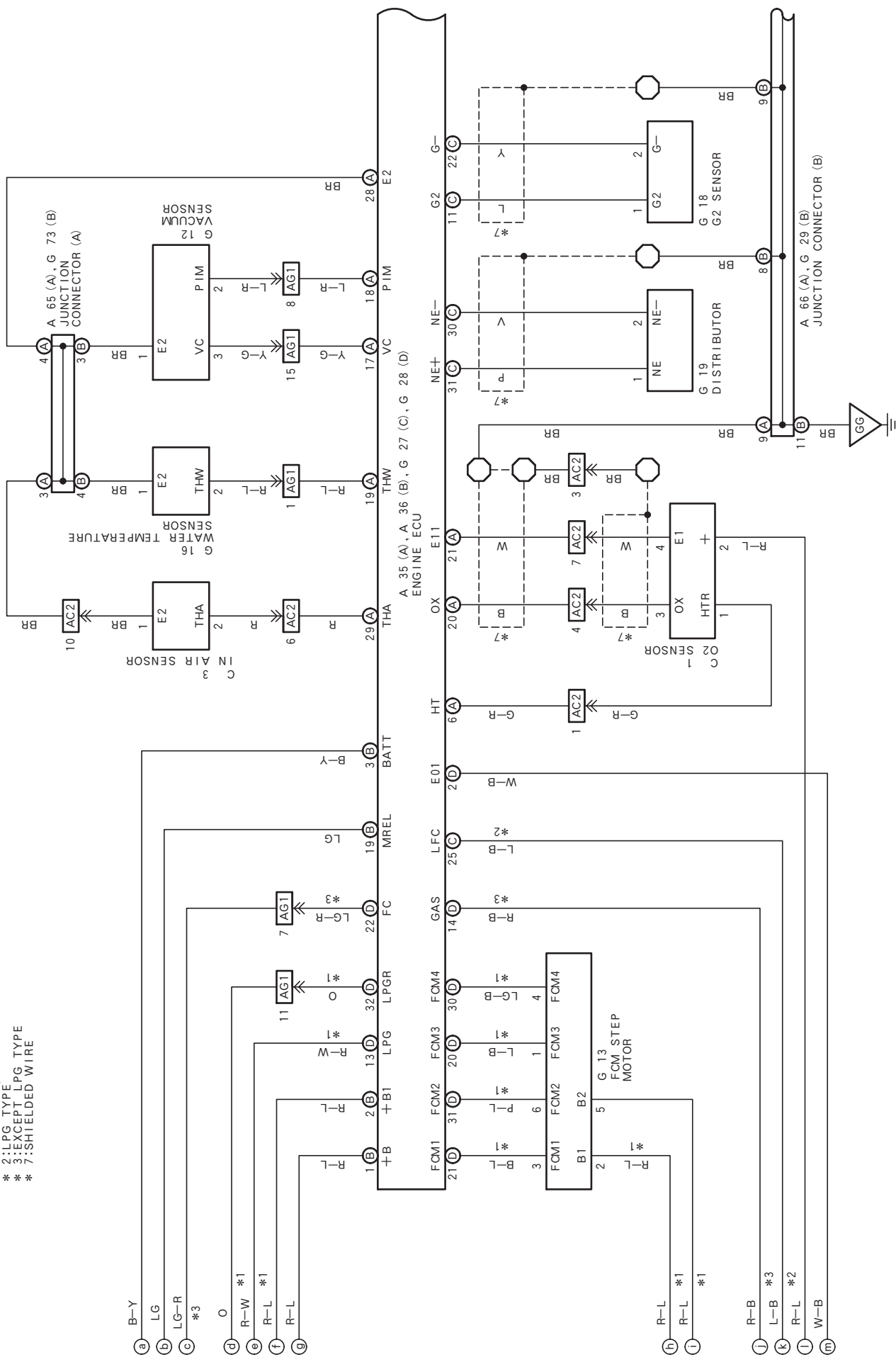
ENGINE CONTROL (4Y-E)



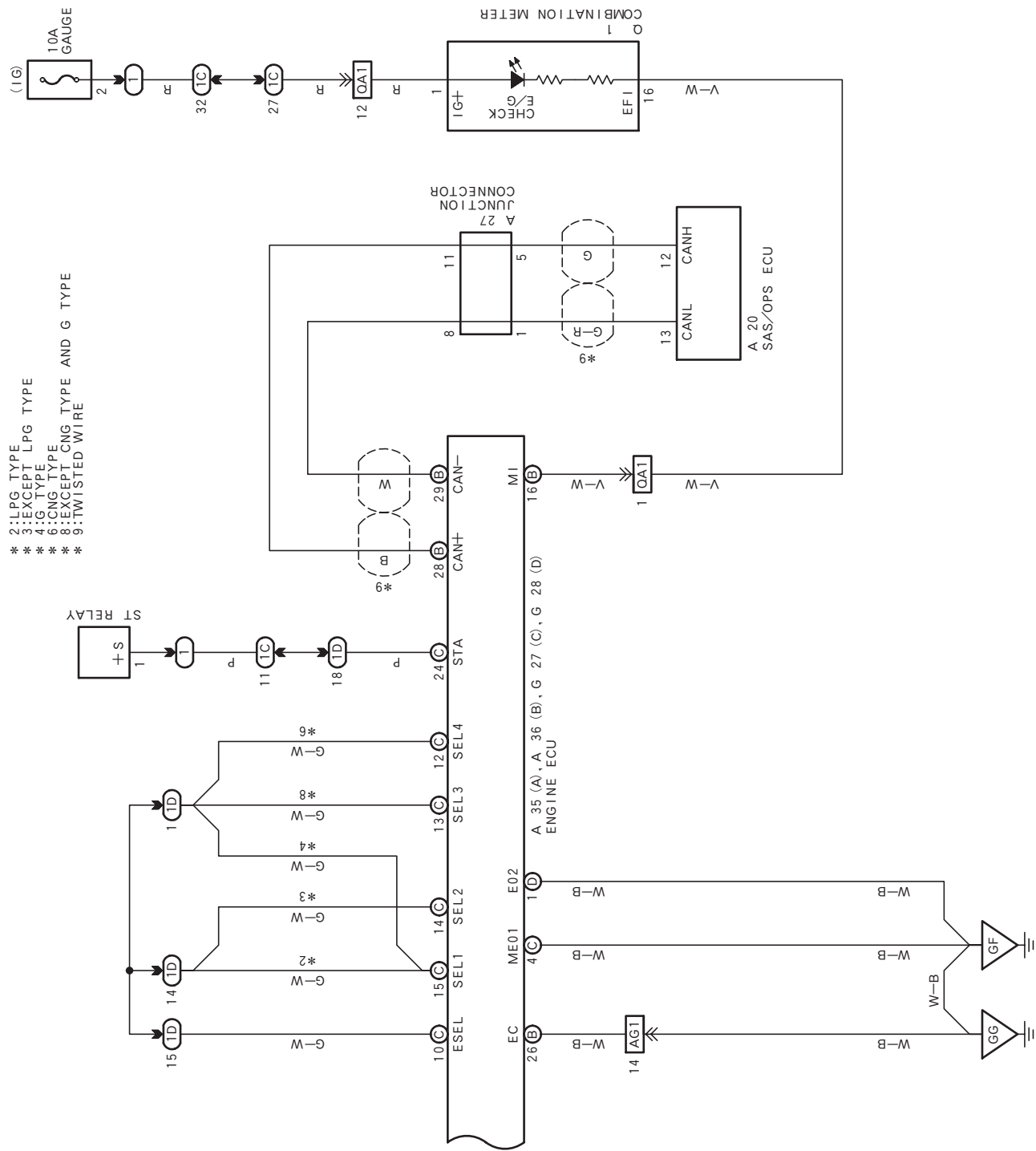
- * 1:LPG TYPE, CNG TYPE
- * 2:LPG TYPE
- * 3:EXCEPT LPG TYPE
- * 4:G TYPE
- * 5:G/LP TYPE, CNG TYPE
- * 6:CNG TYPE

ENGINE CONTROL (4Y-E)

- * 1: LPG TYPE, CNG TYPE
- * 2: LPG TYPE
- * 3: EXCEPT LPG TYPE
- * 7: SHIELDED WIRE



ENGINE CONTROL (4Y-E)



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

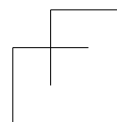
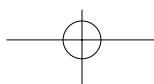
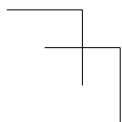
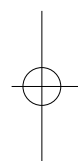
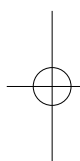
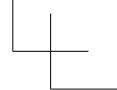
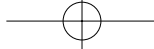
WIRE TO WIRE

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

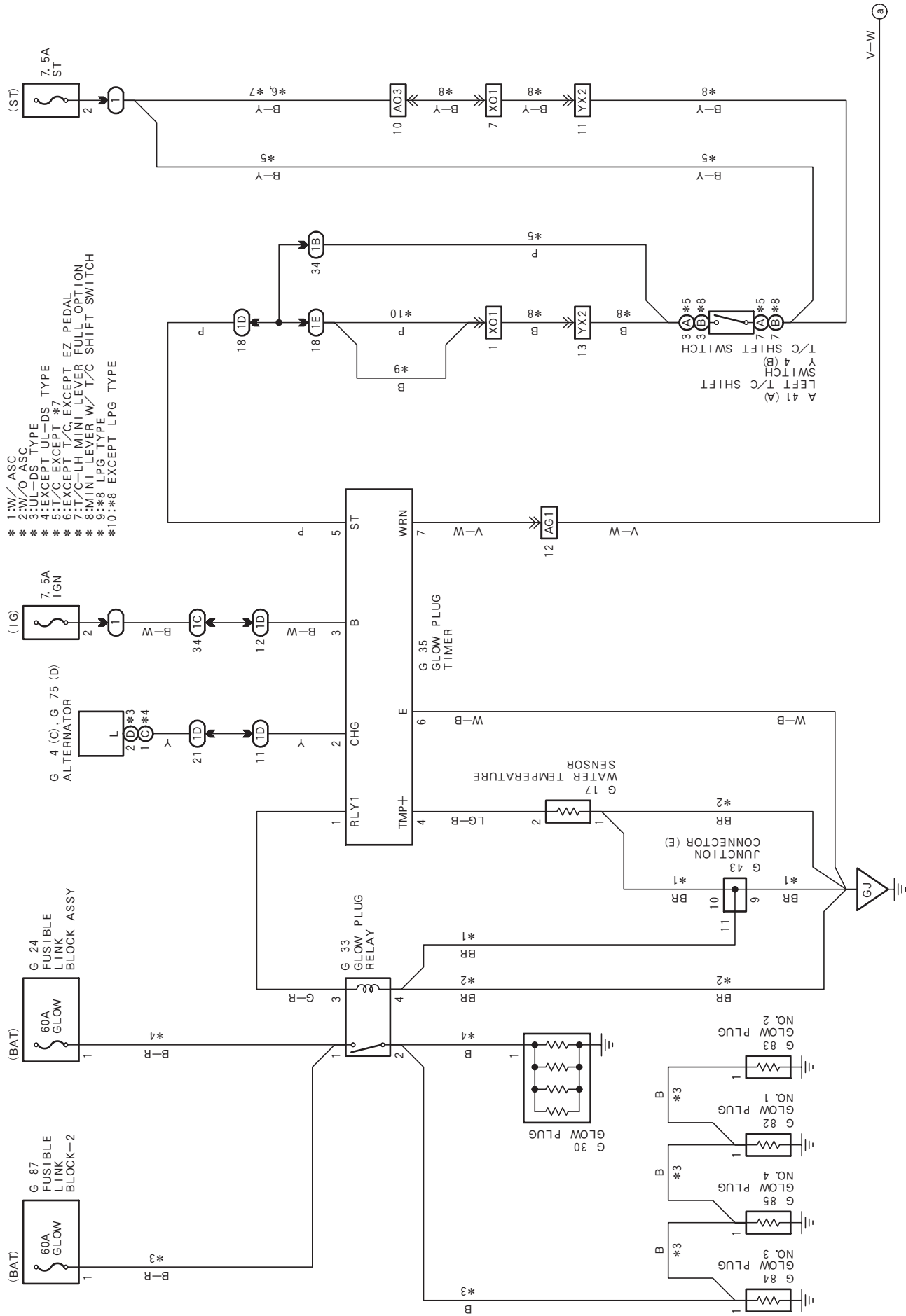
EARTH

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

MEMO



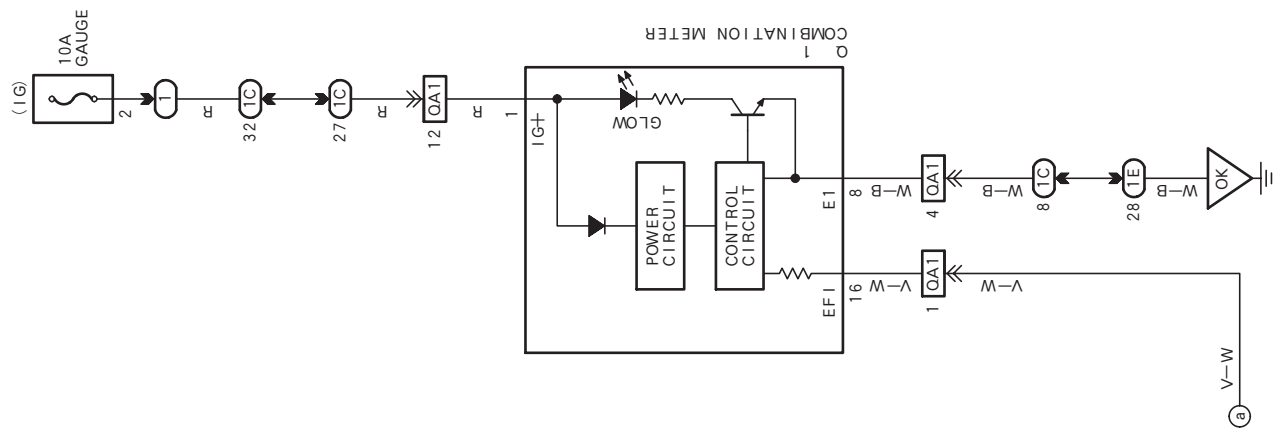
GLOW



V-W

GJ

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

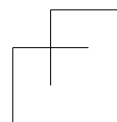
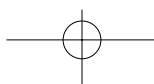
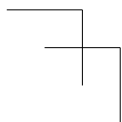
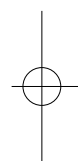
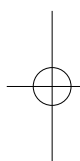
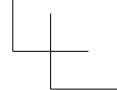
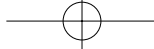
WIRE TO WIRE

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

MEMO



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

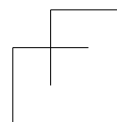
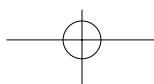
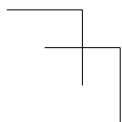
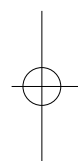
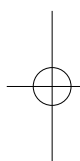
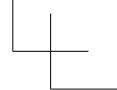
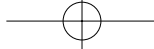
WIRE TO WIRE

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

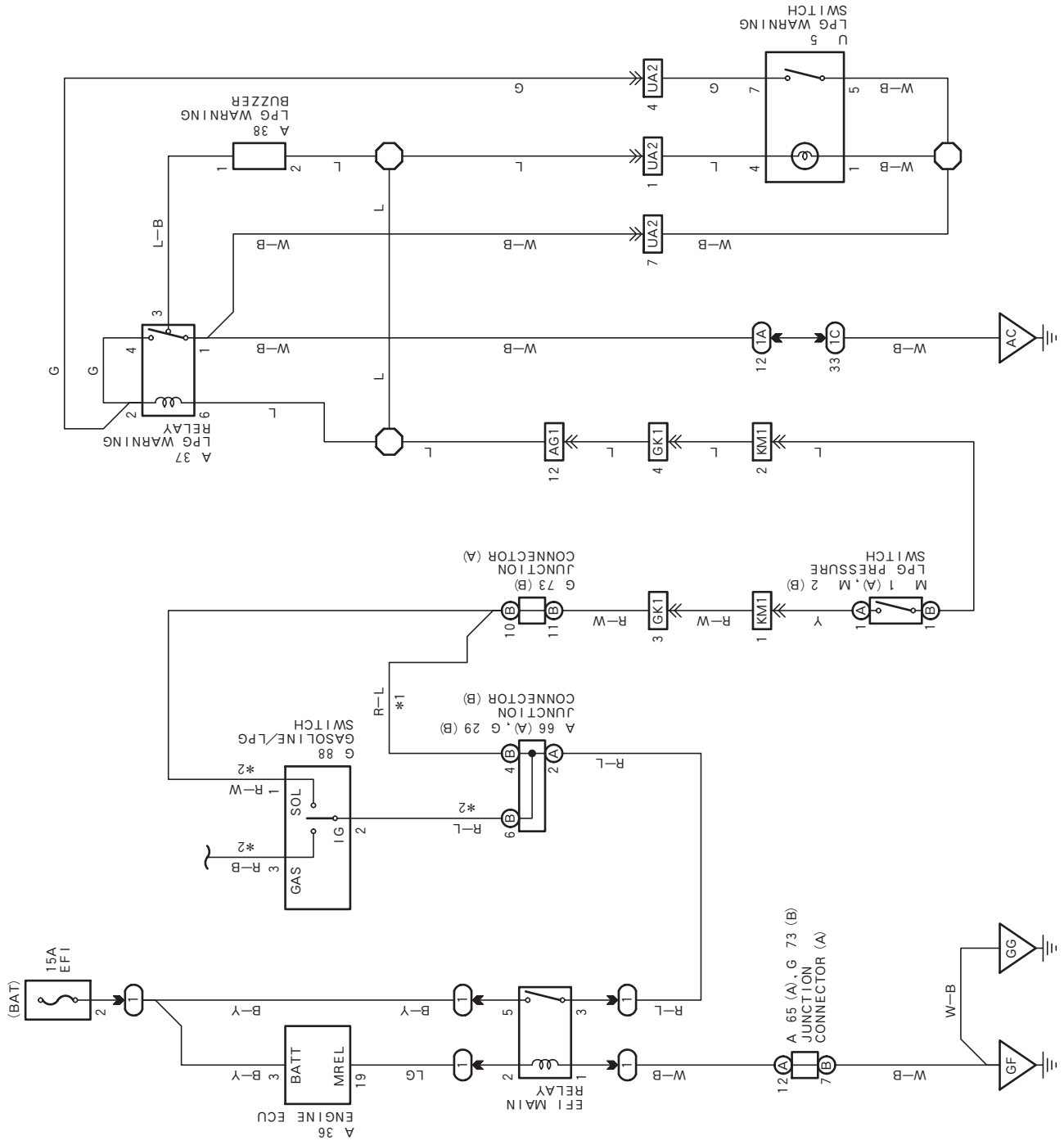
Code	See Page	Name
AB	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
GJ	E2-4	JUNCTION BLOCK IN FRONT INSIDE EARTH

MEMO



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

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

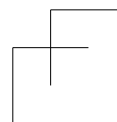
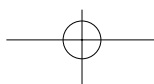
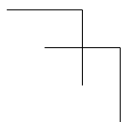
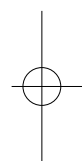
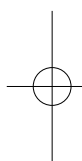
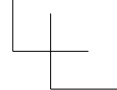
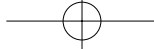
WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
A03	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

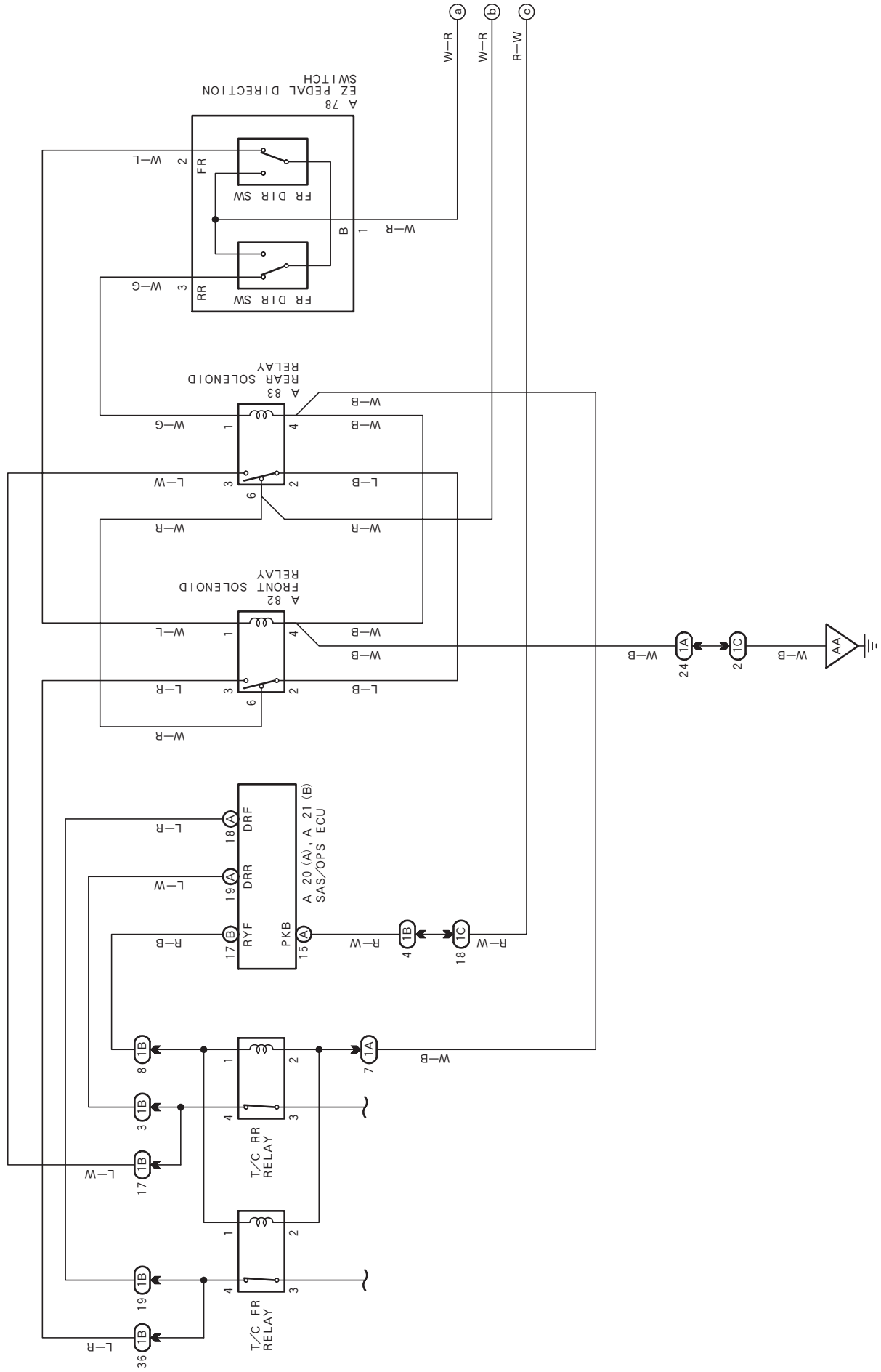
EARTH

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

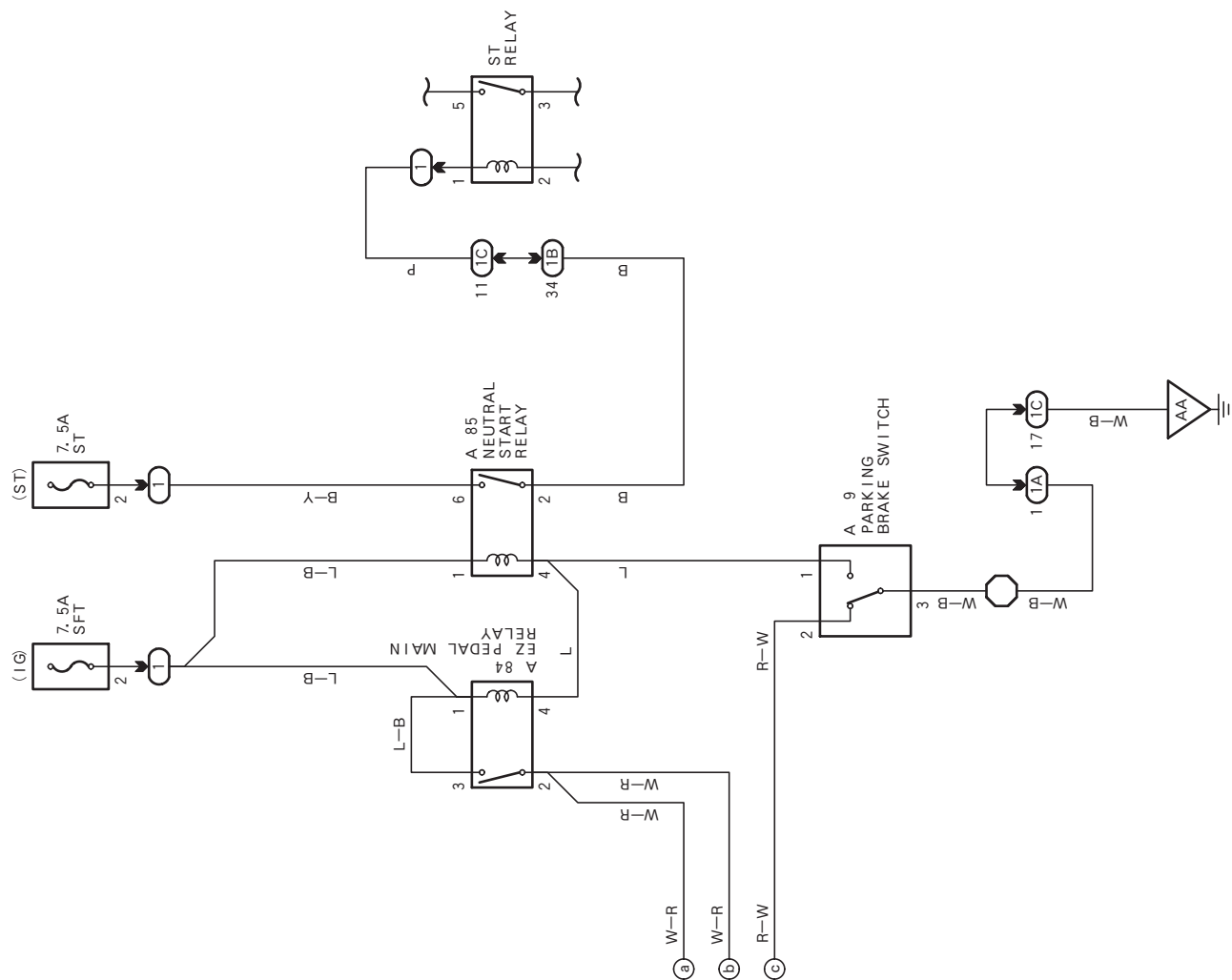
MEMO



EZ PEDAL



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

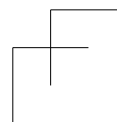
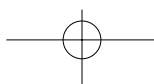
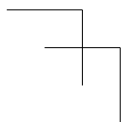
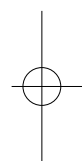
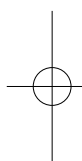
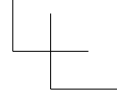
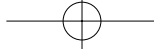
RELAY BLOCK , JUNCTION BLOCK

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



WET BRAKE

PARTS

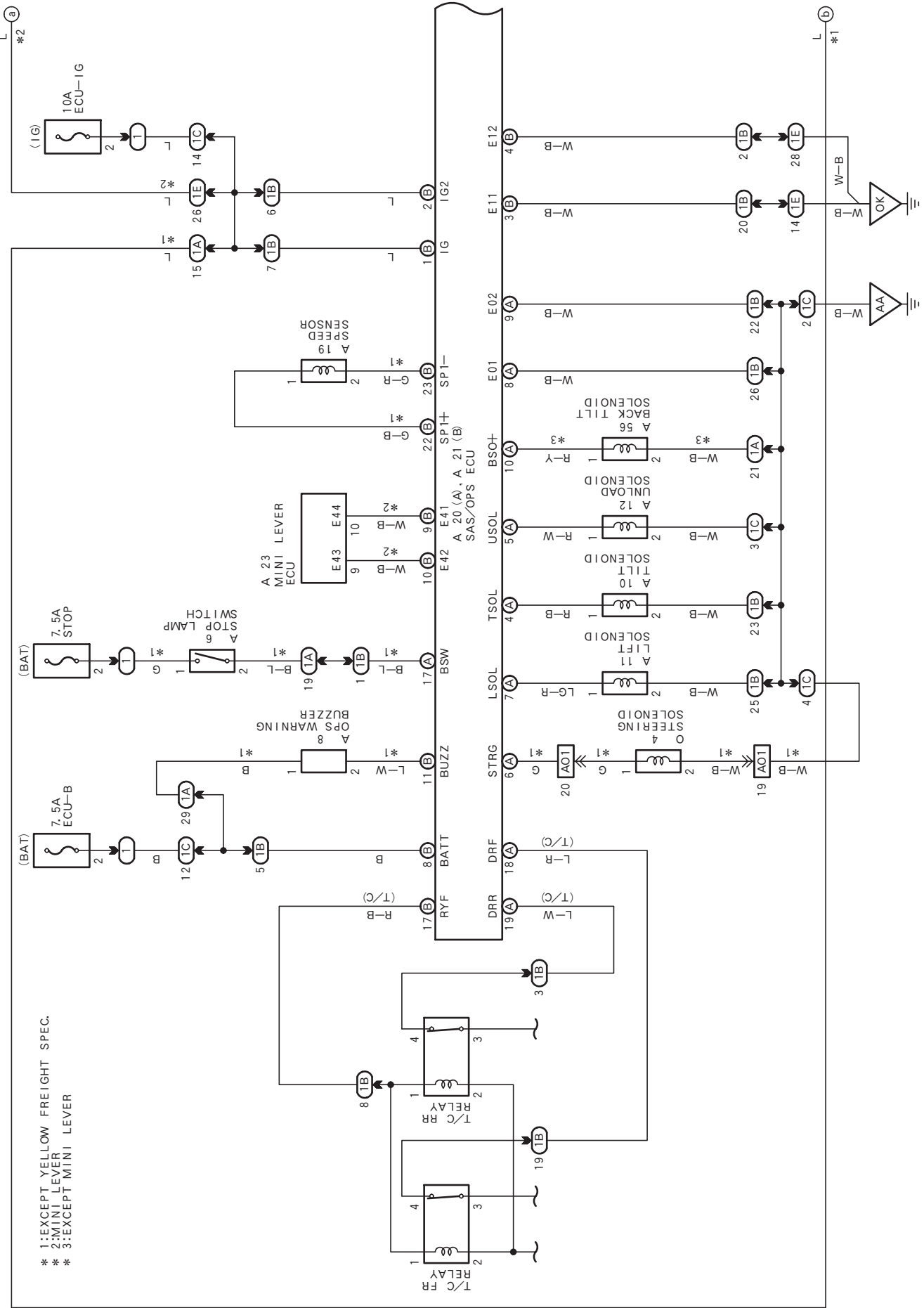
Code	See Page	Code	See Page	Code	See Page	Code	See Page
A 68	E2-6	A 70	E2-6	G 4	E2-2,4		
A 69	E2-6	A 71	E2-8	G 75	E2-2,4		

RELAY BLOCK , JUNCTION BLOCK

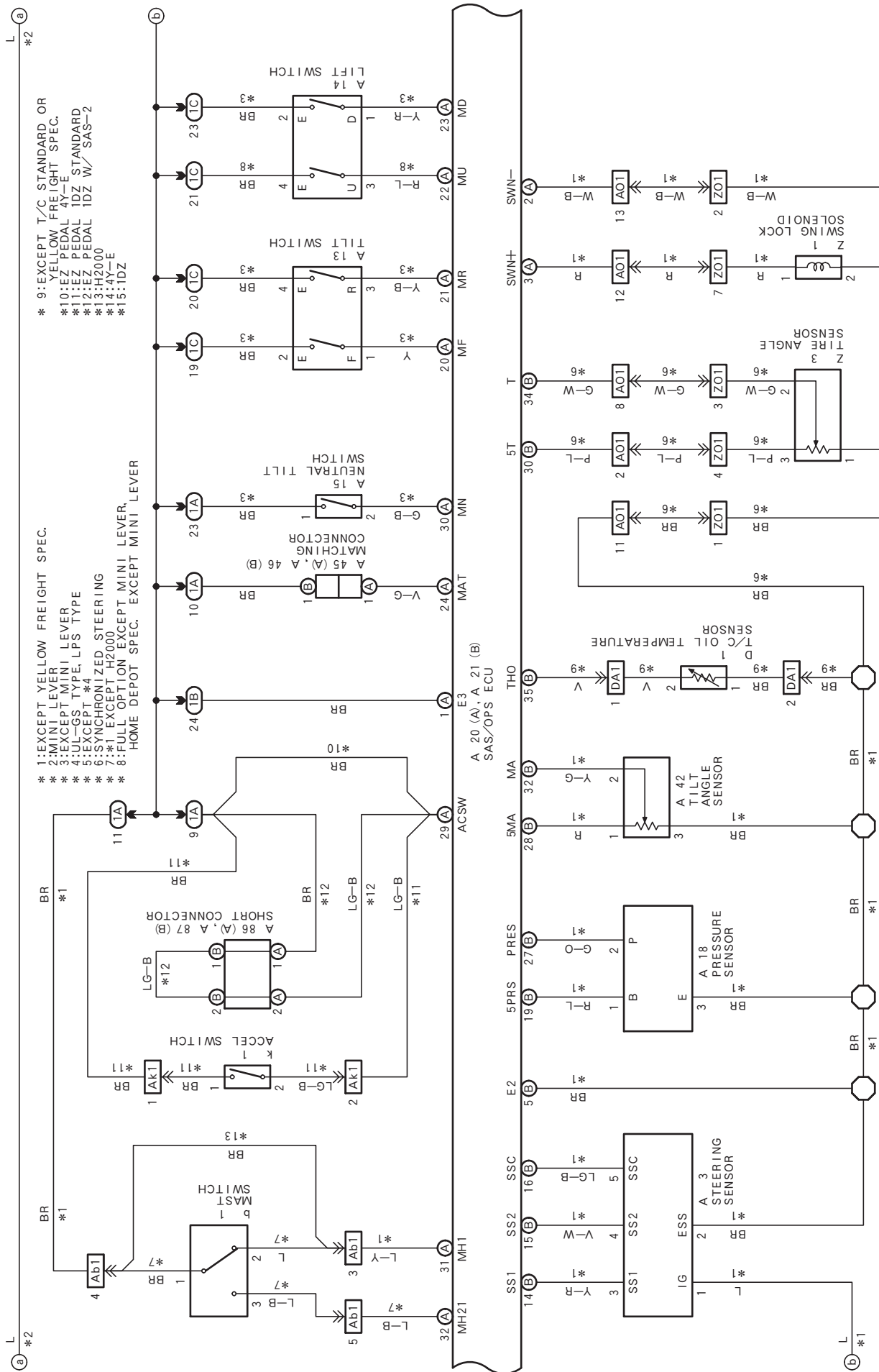
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1D	E2-8,18	ENGINE WIRE to J/B

EARTH

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



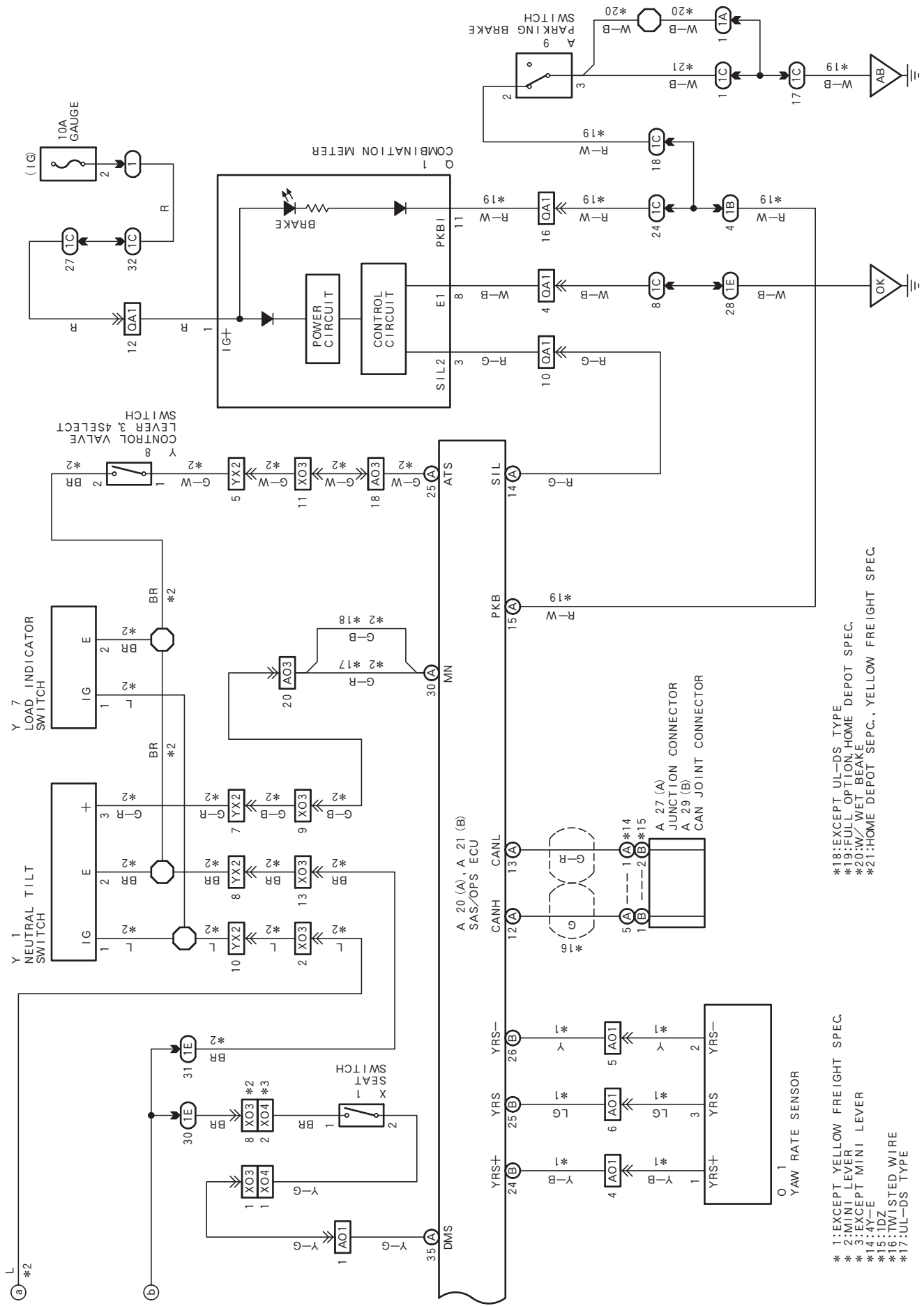
SAS/OPS SYSTEM



- * 9: EXCEPT T/C STANDARD OR YELLOW FREIGHT SPEC.
- * 10: EZ PEDAL 4Y-E STANDARD
- * 11: EZ PEDAL 1DZ W/ SAS-2
- * 12: EZ PEDAL 1DZ W/ SAS-2
- * 13: H2000
- * 14: 4Y-E
- * 15: 1DZ

- ** 1: EXCEPT YELLOW FREIGHT SPEC.
- ** 2: MINI LEVER
- ** 3: EXCEPT MINI LEVER
- ** 4: UL-GS TYPE LPS TYPE
- ** 5: EXCEPT #4
- ** 6: SYNCHRONIZED STEERING
- ** 7: *1 EXCEPT H2000
- ** 8: FULL OPTION EXCEPT MINI LEVER, HOME DEPOT SPEC. EXCEPT MINI LEVER

- A 20 (A), A 21 (B) SAS/OPS ECU
- A 3 STEERING SENSOR
- A 18 PRESSURE SENSOR
- A 42 TILT ANGLE SENSOR
- D T/C OIL TEMPERATURE SENSOR
- IG ESS
- SS1 SS2 SSC
- 5PRS PRES
- 5MA MA
- THO
- E3 SAS/OPS ECU
- ACS
- MA
- THO
- 5PRS PRES
- 5MA MA
- THO
- 5T
- T
- SWN-
- SWNH
- MD
- MU
- MR
- MF
- MN
- MAT



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

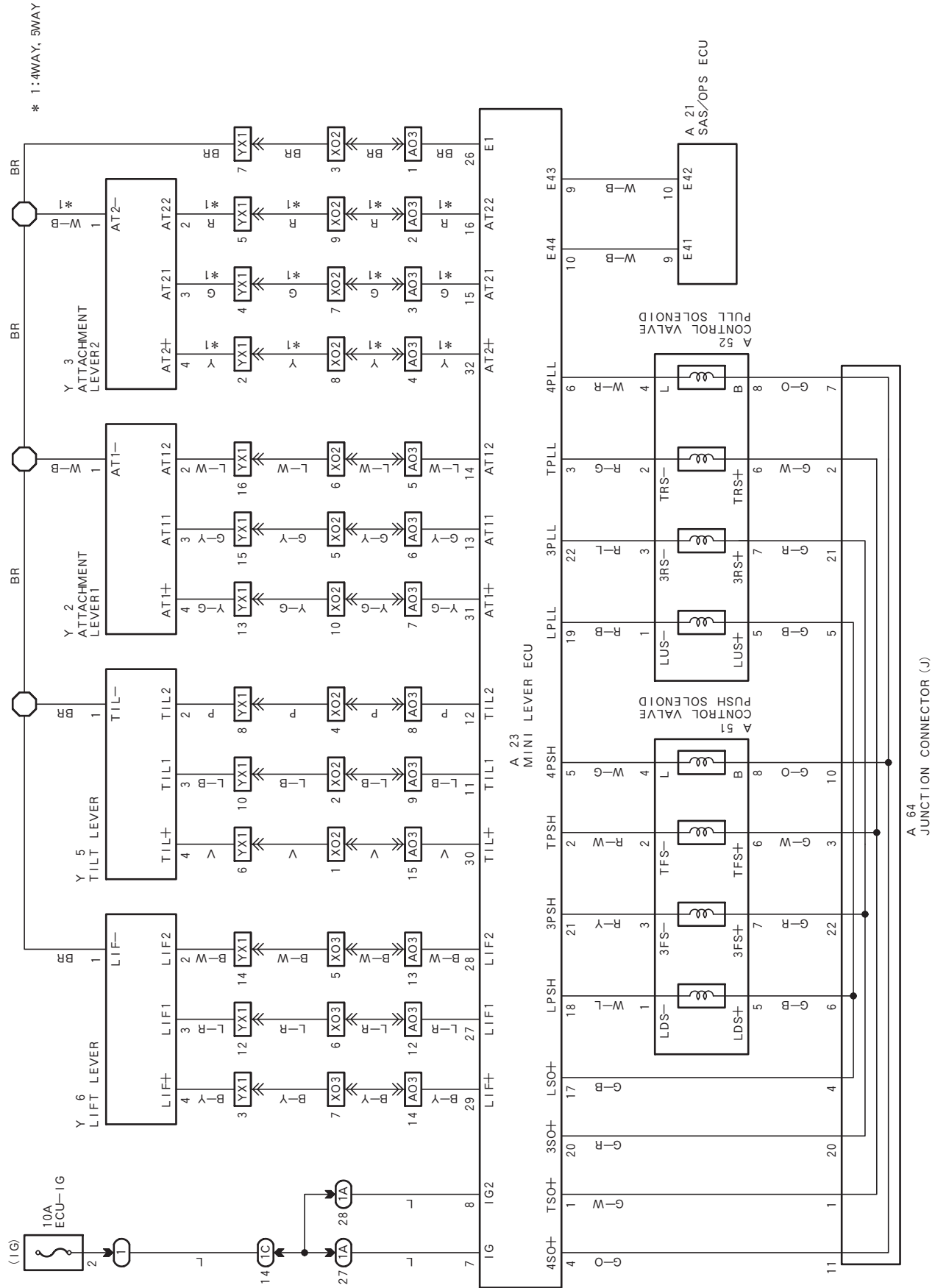
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1B	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

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

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		

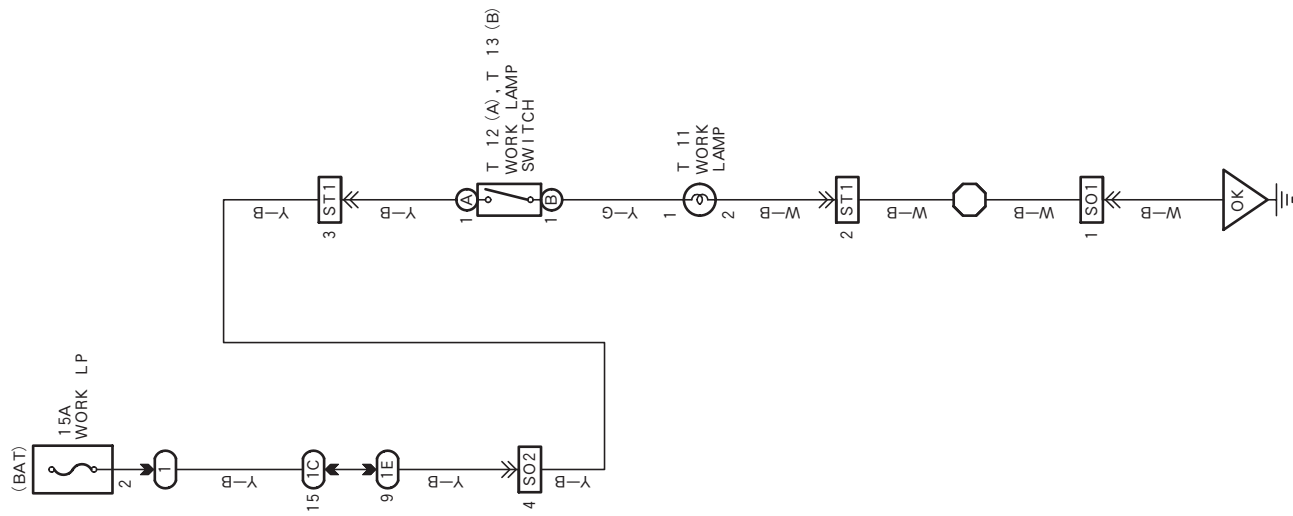
RELAY BLOCK , JUNCTION BLOCK

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

REAR WORKING LAMP



 REAR WORKING LAMP

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

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

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

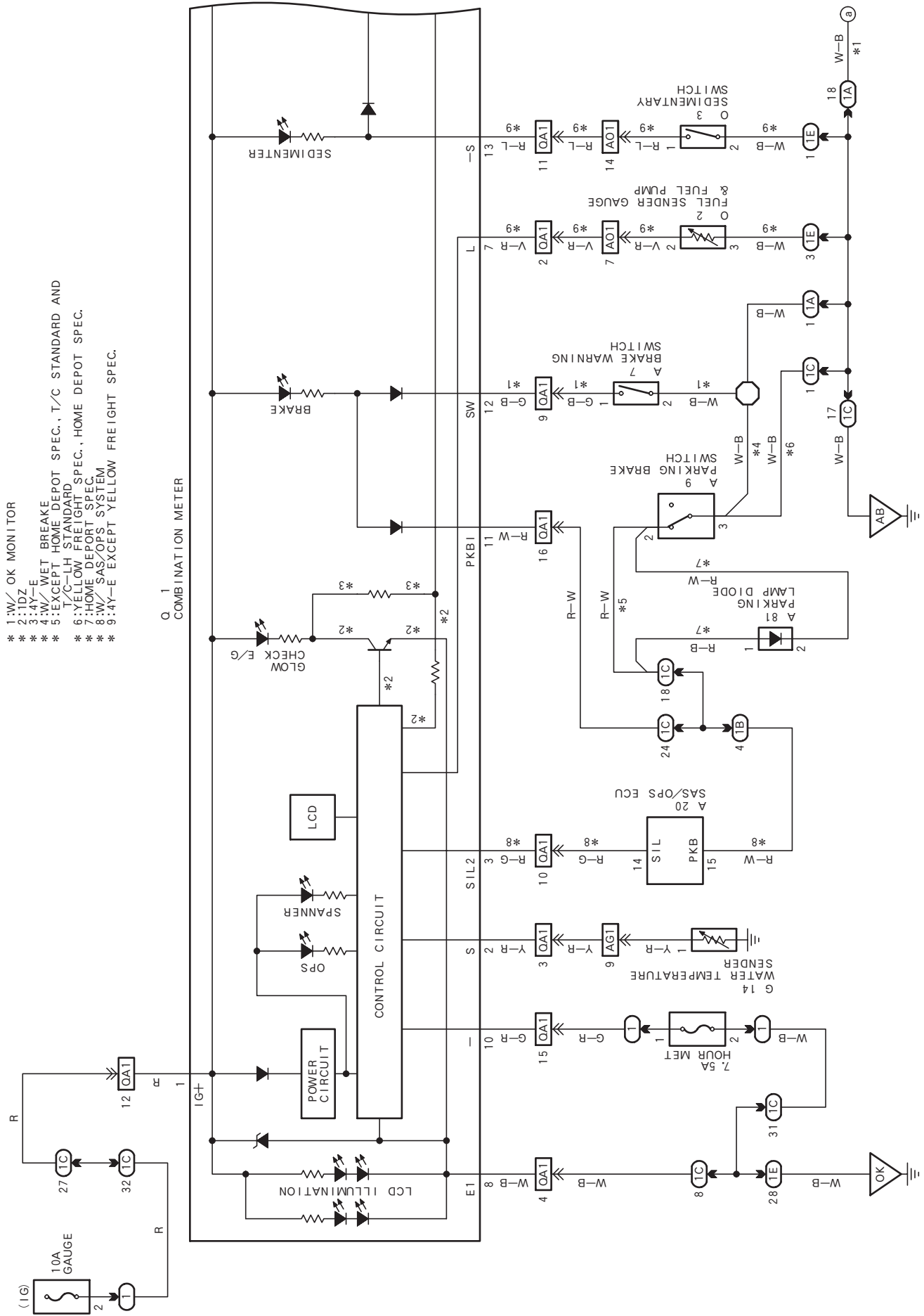
WIRE TO WIRE

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

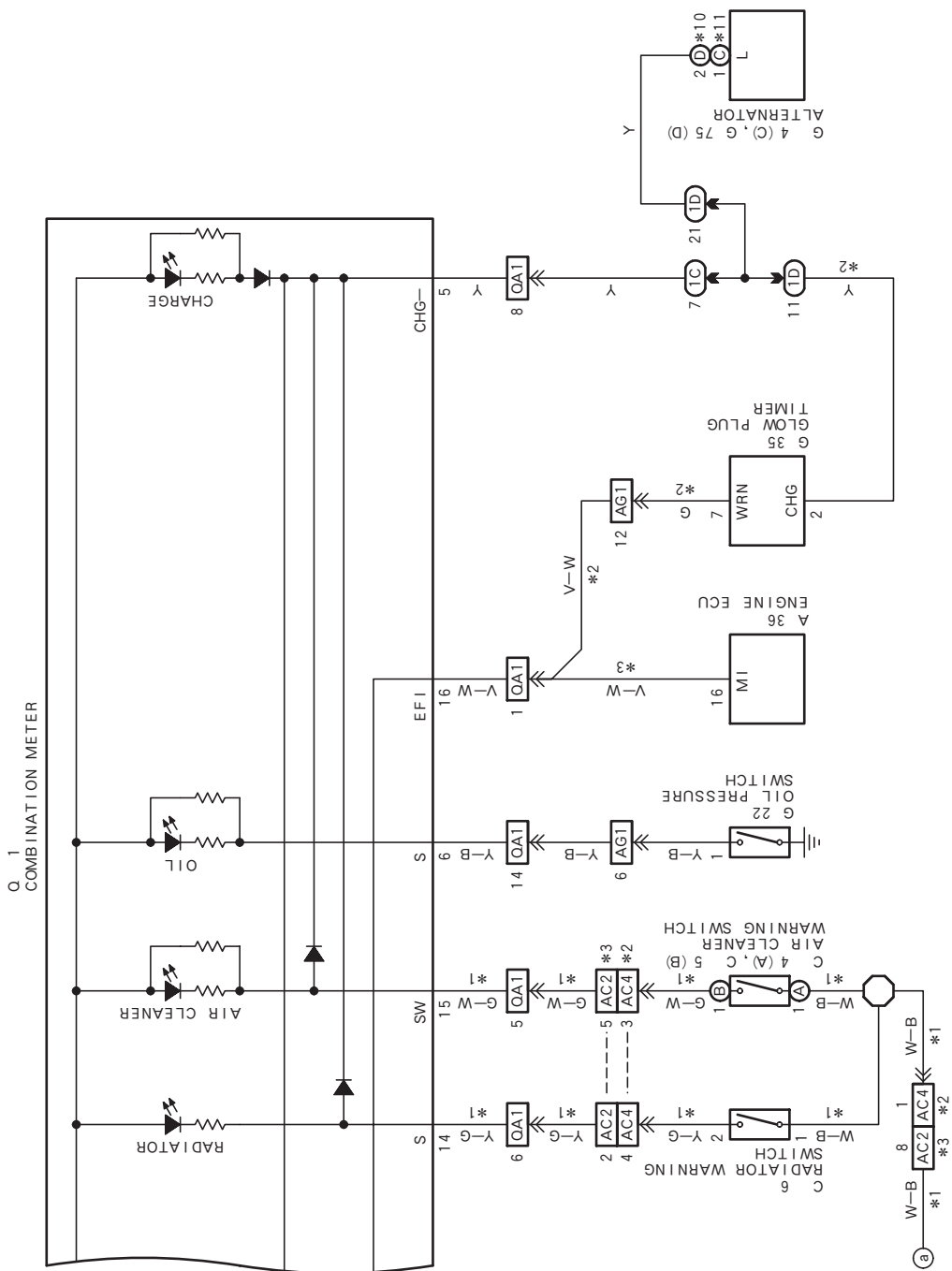
COMBINATION METER



- ** 1:W/ OK MONITOR
- ** 2:TDZ
- ** 3:4Y-E WET BREAK
- ** 4:W/ HOME DEPOT SPEC., T/C STANDARD AND T/C-LH STANDARD SPEC., HOME DEPOT SPEC.
- ** 5:EXCEPT HOME DEPOT SPEC., T/C STANDARD AND T/C-LH STANDARD SPEC., HOME DEPOT SPEC.
- ** 6:YELLOW FREIGHT SPEC., HOME DEPOT SPEC.
- ** 7:HOME DEPOT SPEC.
- ** 8:W/ SAS/OPS SYSTEM
- ** 9:4Y-E EXCEPT YELLOW FREIGHT SPEC.

COMBINATION METER

- * 1:W/ OK MONITOR
- * 2:1DZ
- * 3:4V-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

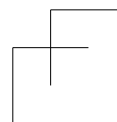
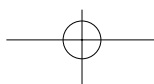
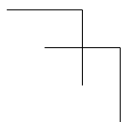
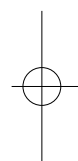
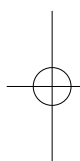
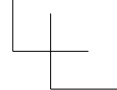
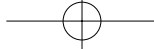
WIRE TO WIRE

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



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

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

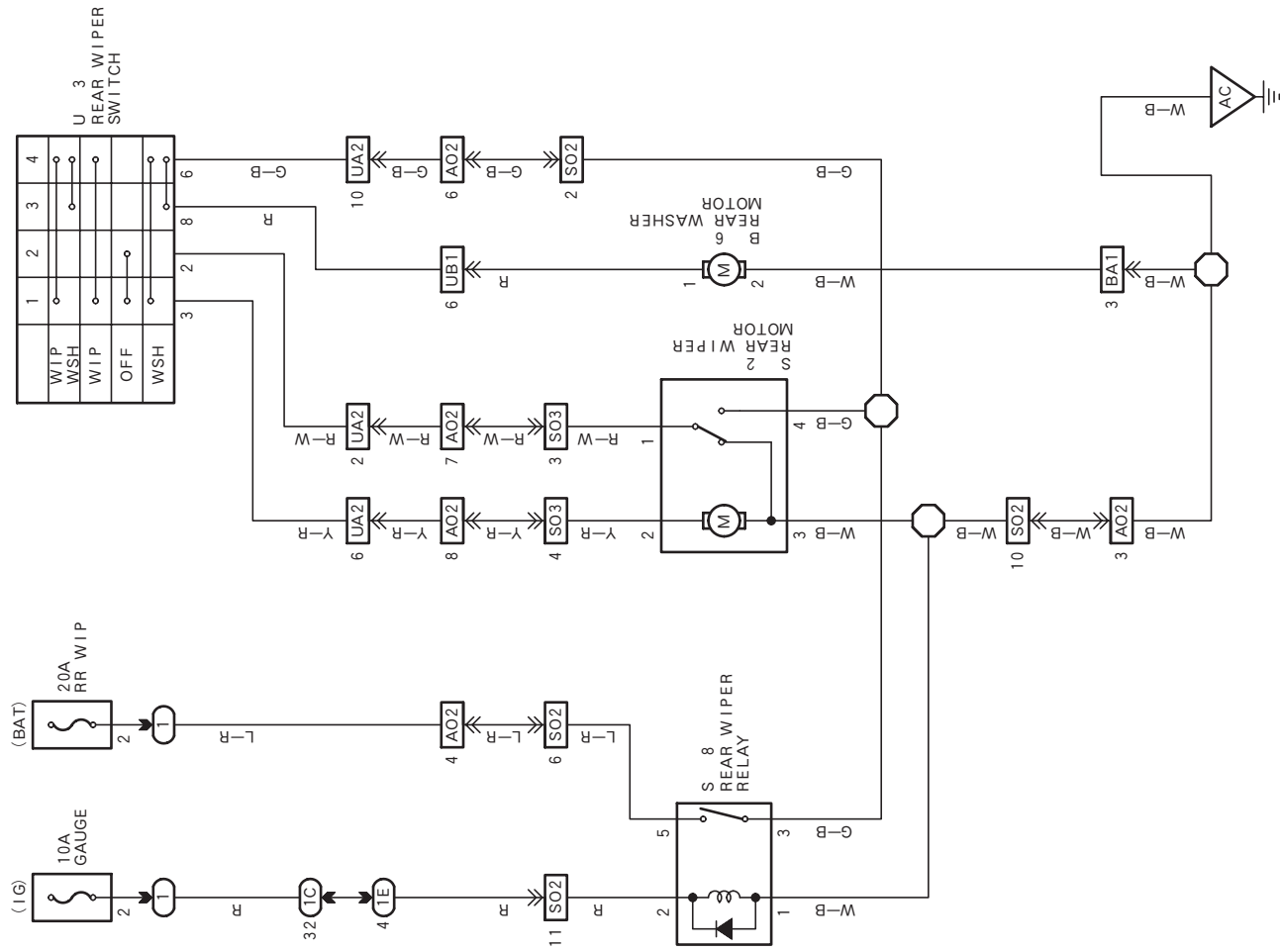
WIRE TO WIRE

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



REAR WIPER & WASHER

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

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

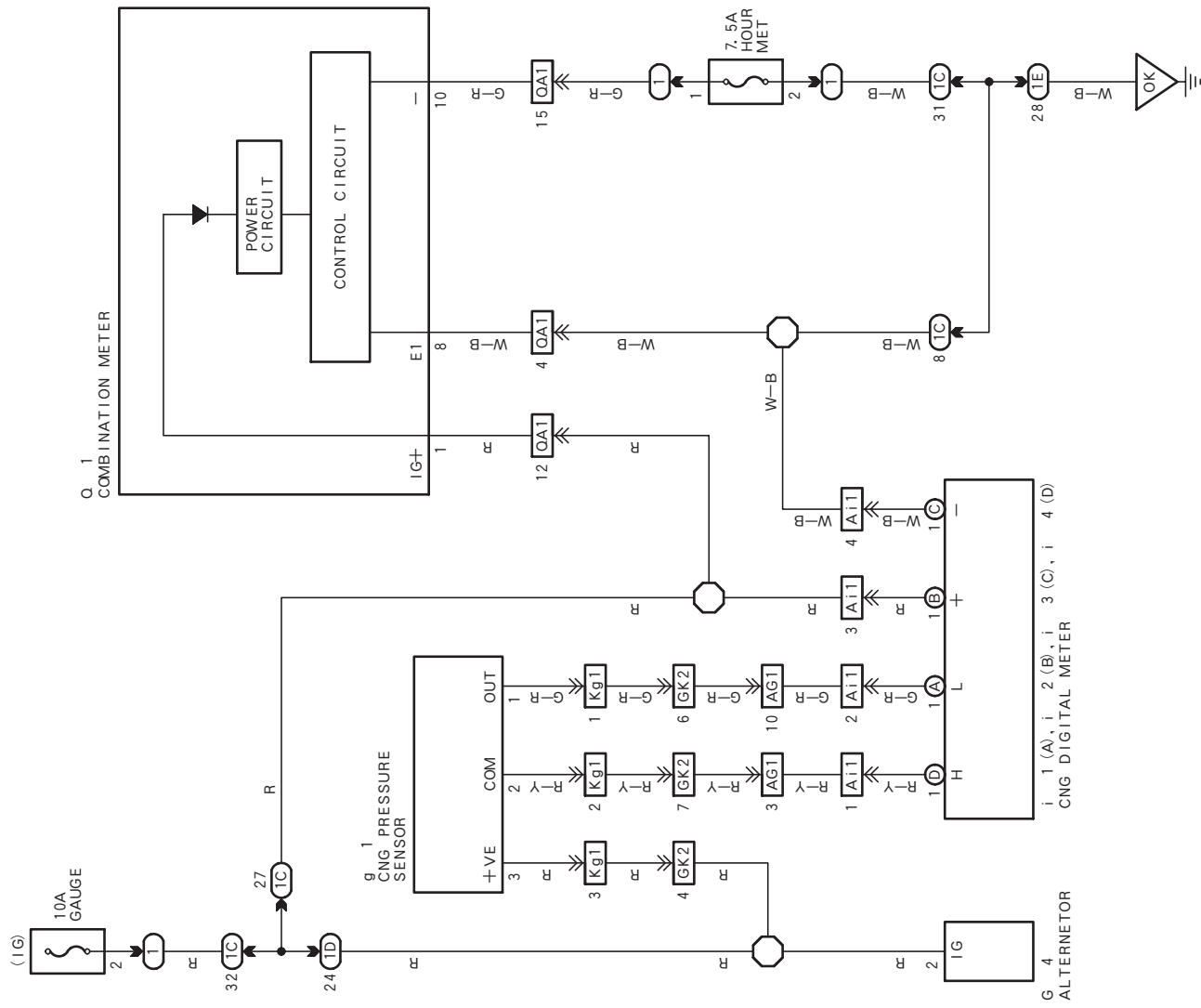
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B
1E	E2-8,18	SIDE LH WIRE to J/B

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

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

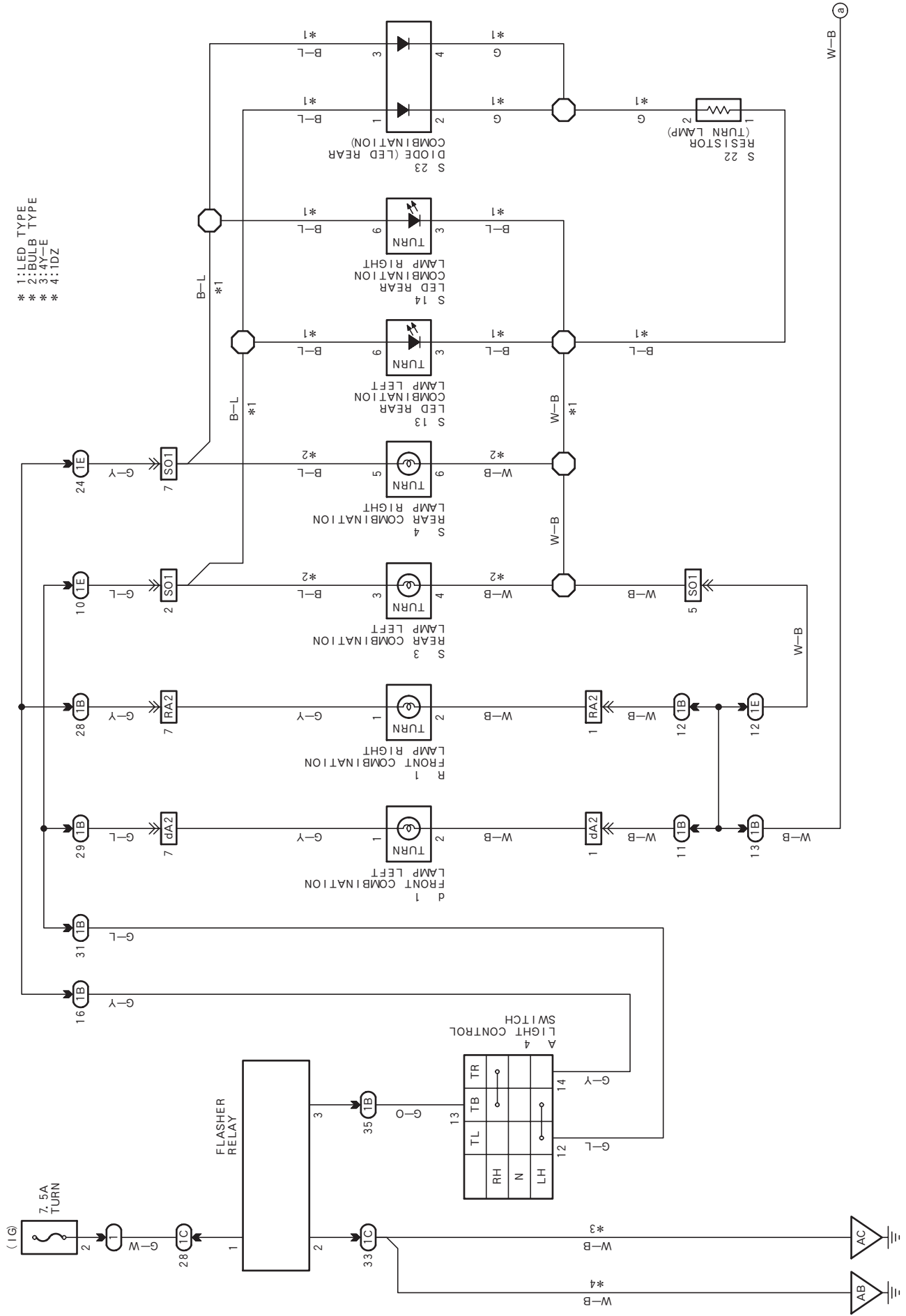
WIRE TO WIRE

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

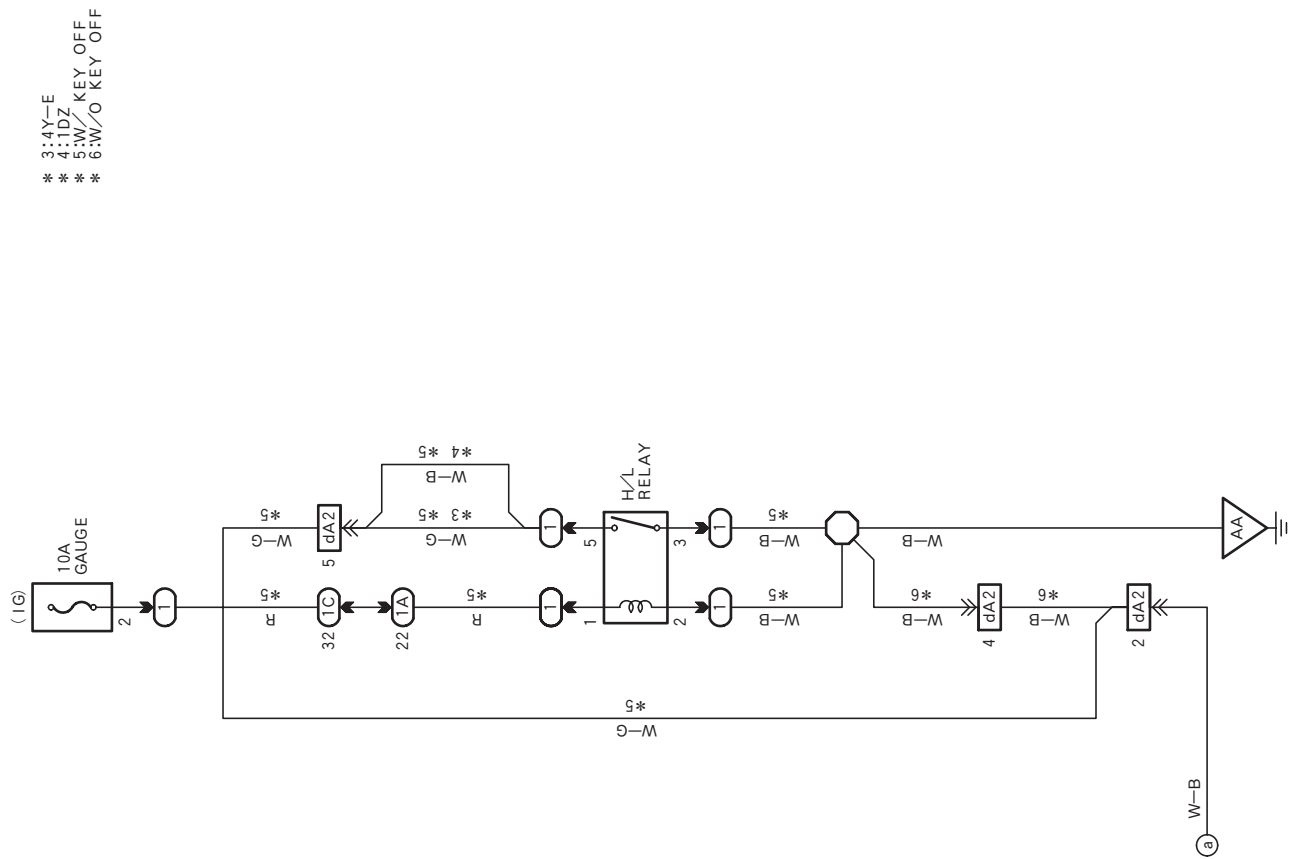
EARTH

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/O 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

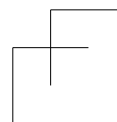
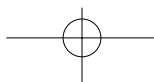
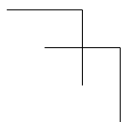
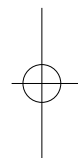
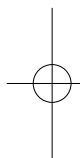
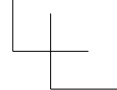
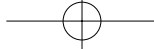
WIRE TO WIRE

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

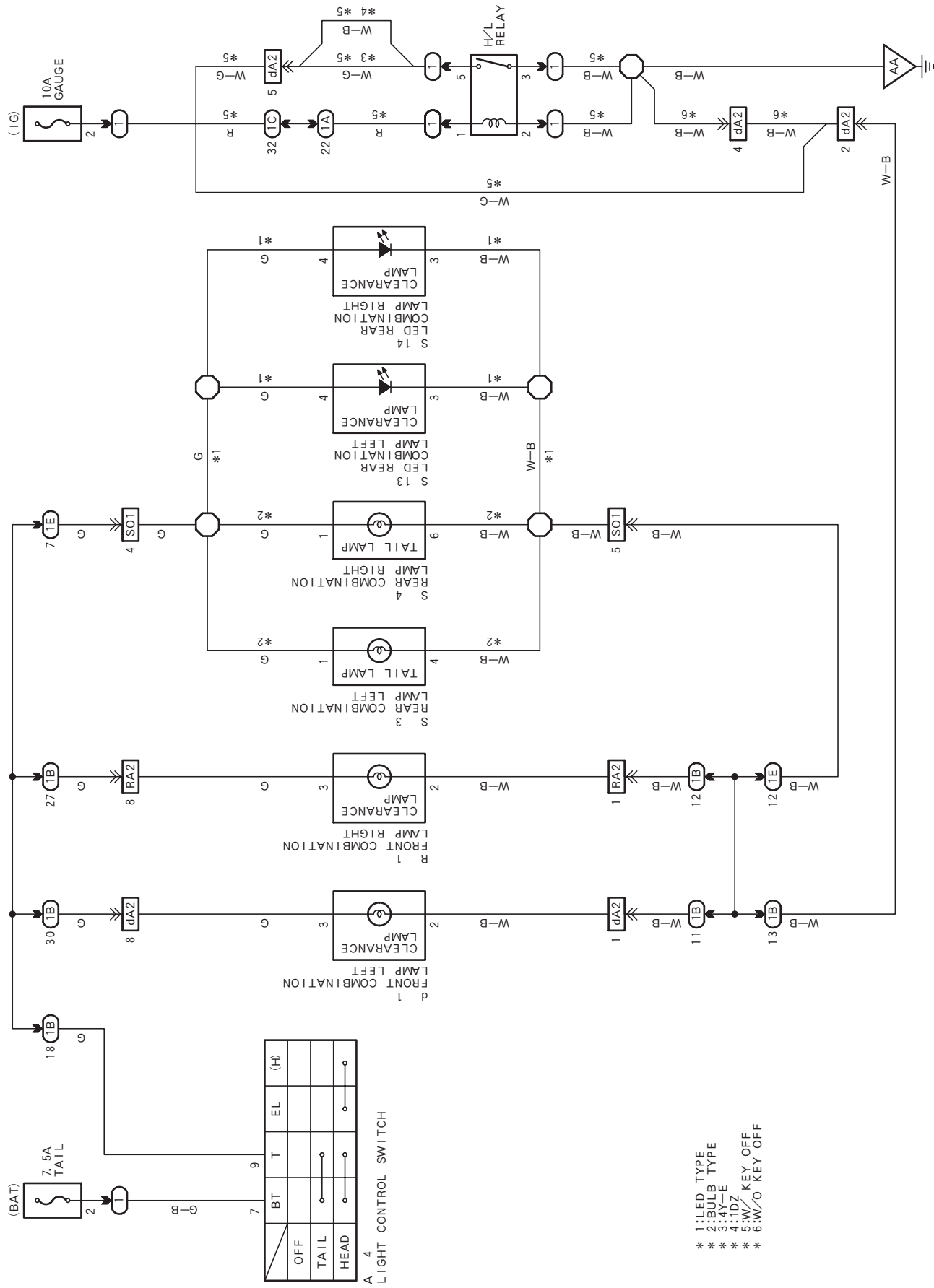
EARTH

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

MEMO



CLEARANCE LAMP



- ** 1: LED TYPE
- ** 2: BULB TYPE
- ** 3: 4Y-E
- ** 4: 1DZ
- ** 5: W/ KEY OFF
- ** 6: W/O KEY OFF

A 4 LIGHT CONTROL SWITCH

	BT	T	EL	(H)
OFF	○	○	○	○
TAIL	○	○	○	○
HEAD	○	○	○	○

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

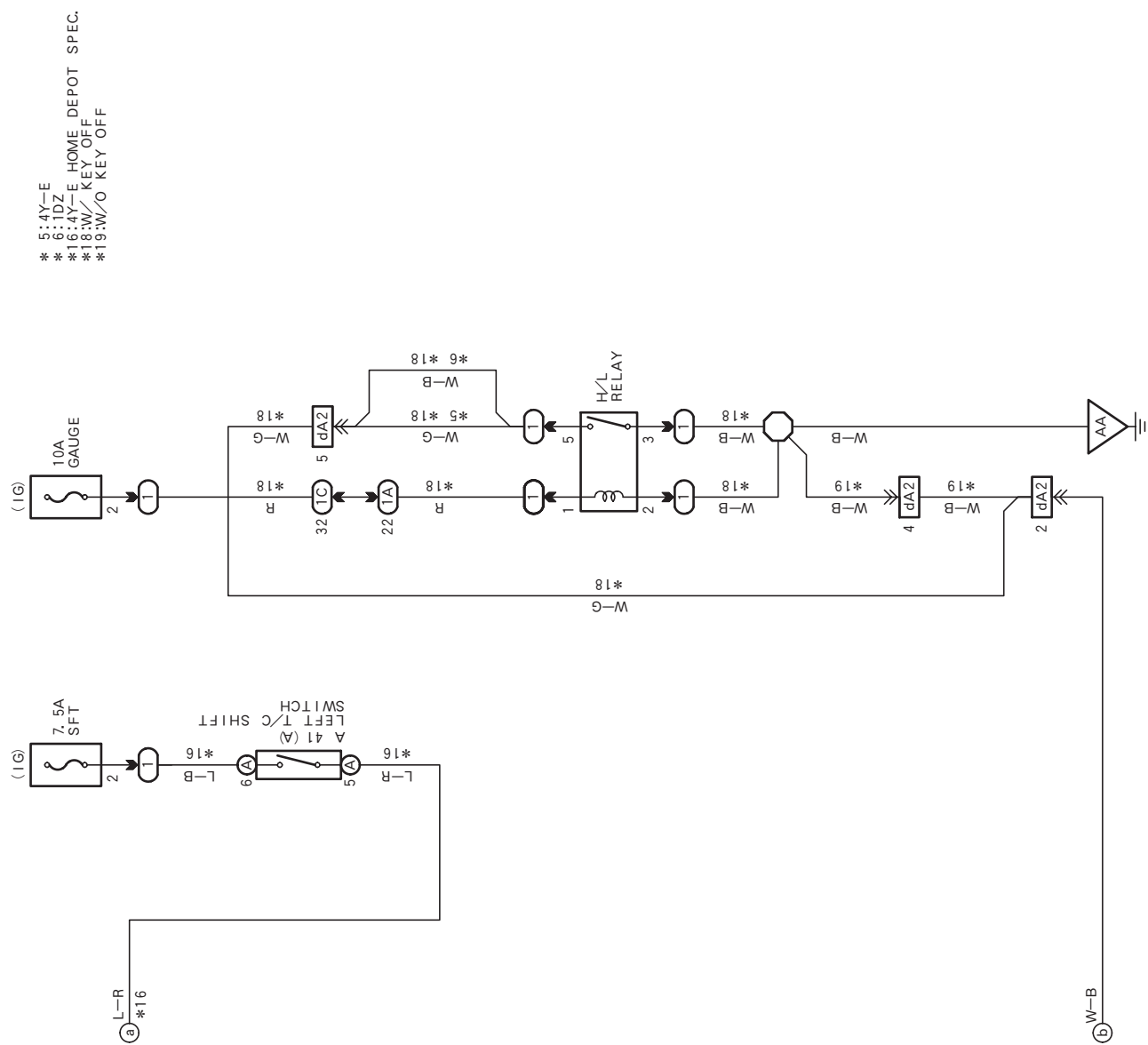
WIRE TO WIRE

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



BACK UP LAMP BUZZER & 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

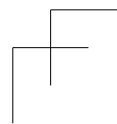
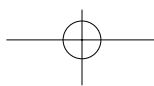
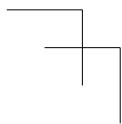
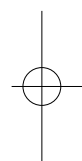
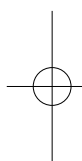
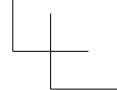
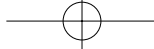
WIRE TO WIRE

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

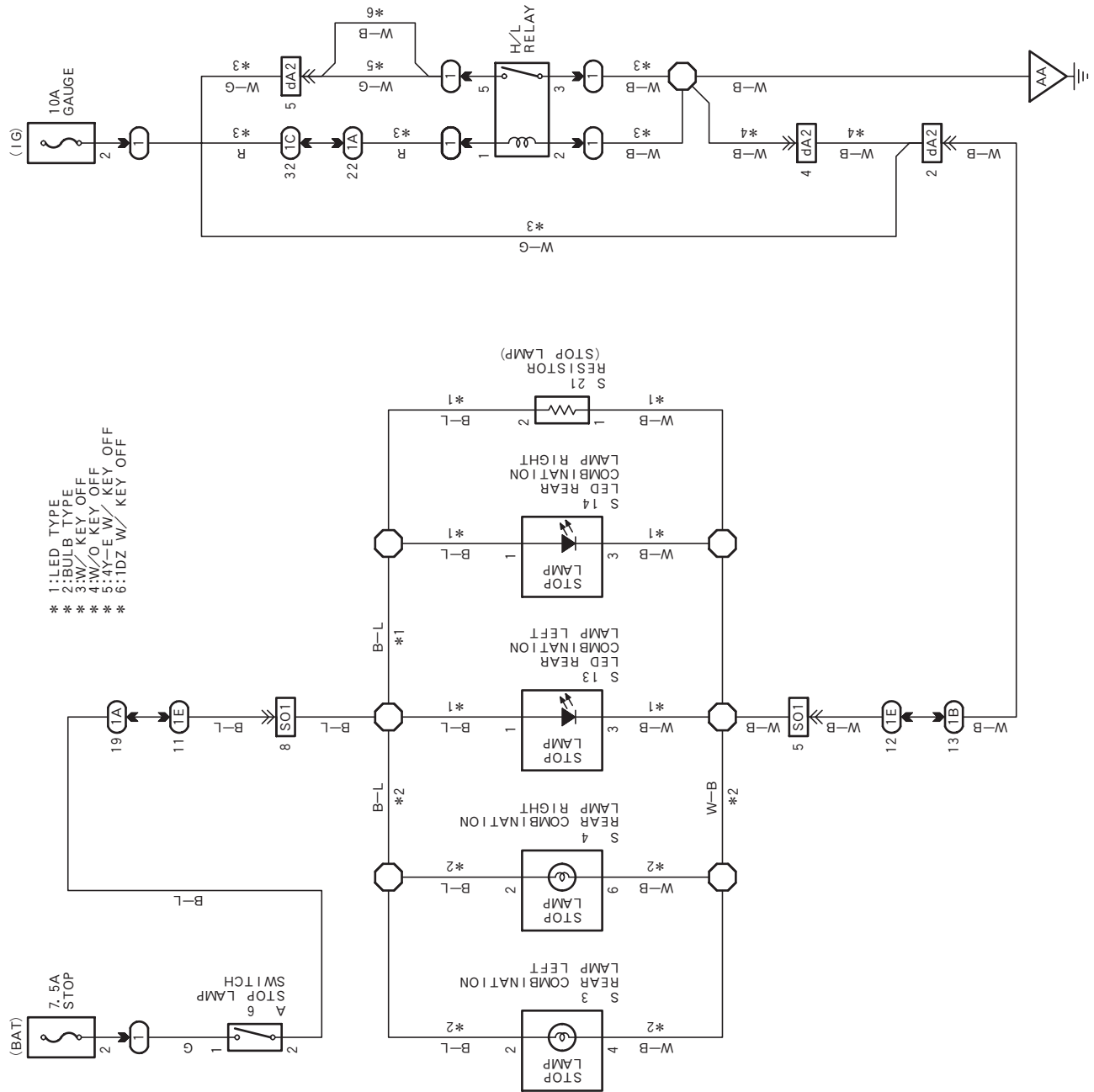
EARTH

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

MEMO



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

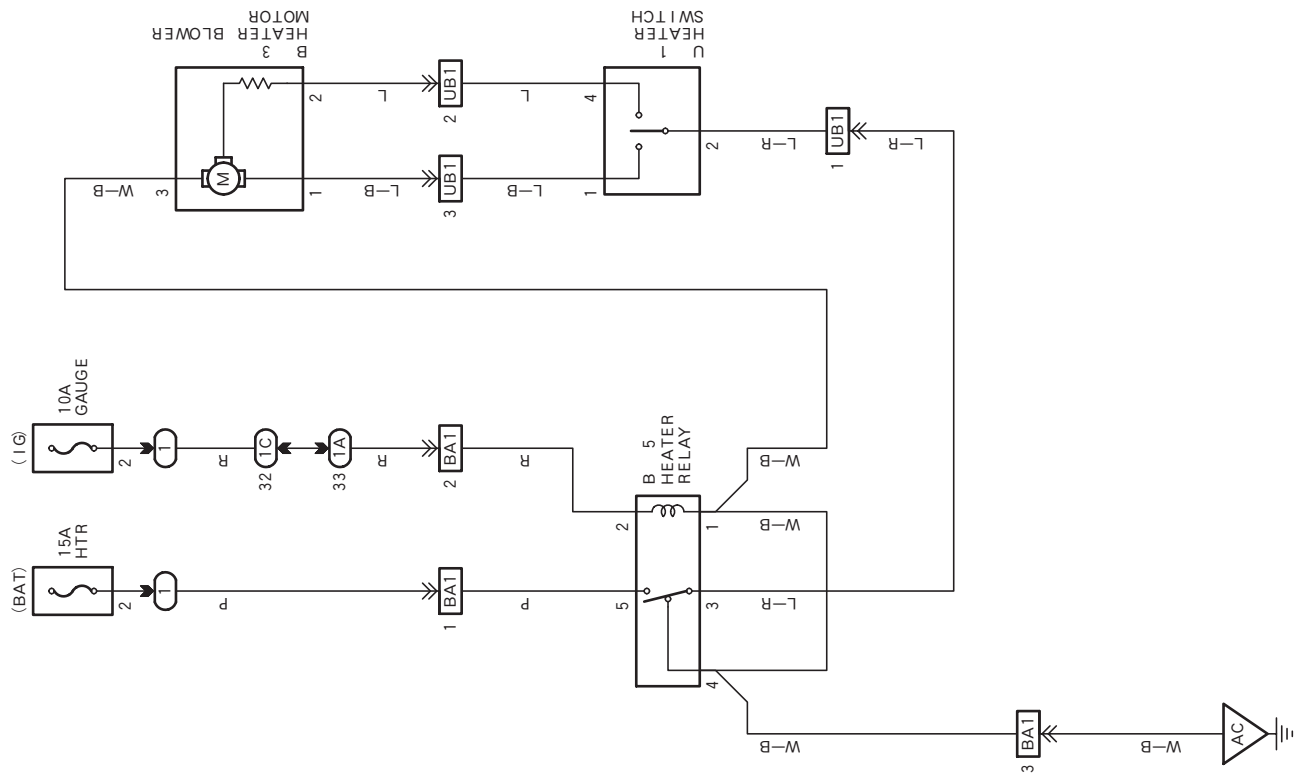
WIRE TO WIRE

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

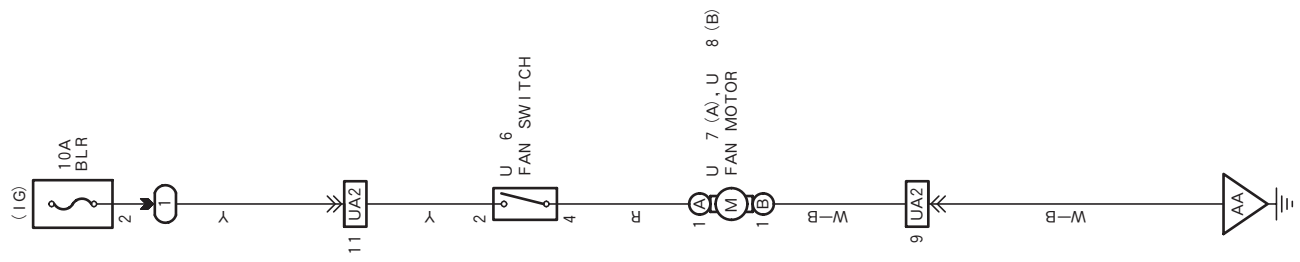
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E2-8,17	ENGINE ROOM R/B
1A	E2-8,18	BODY MAIN WIRE to J/B
1C	E2-8,18	BODY MAIN WIRE to J/B

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



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

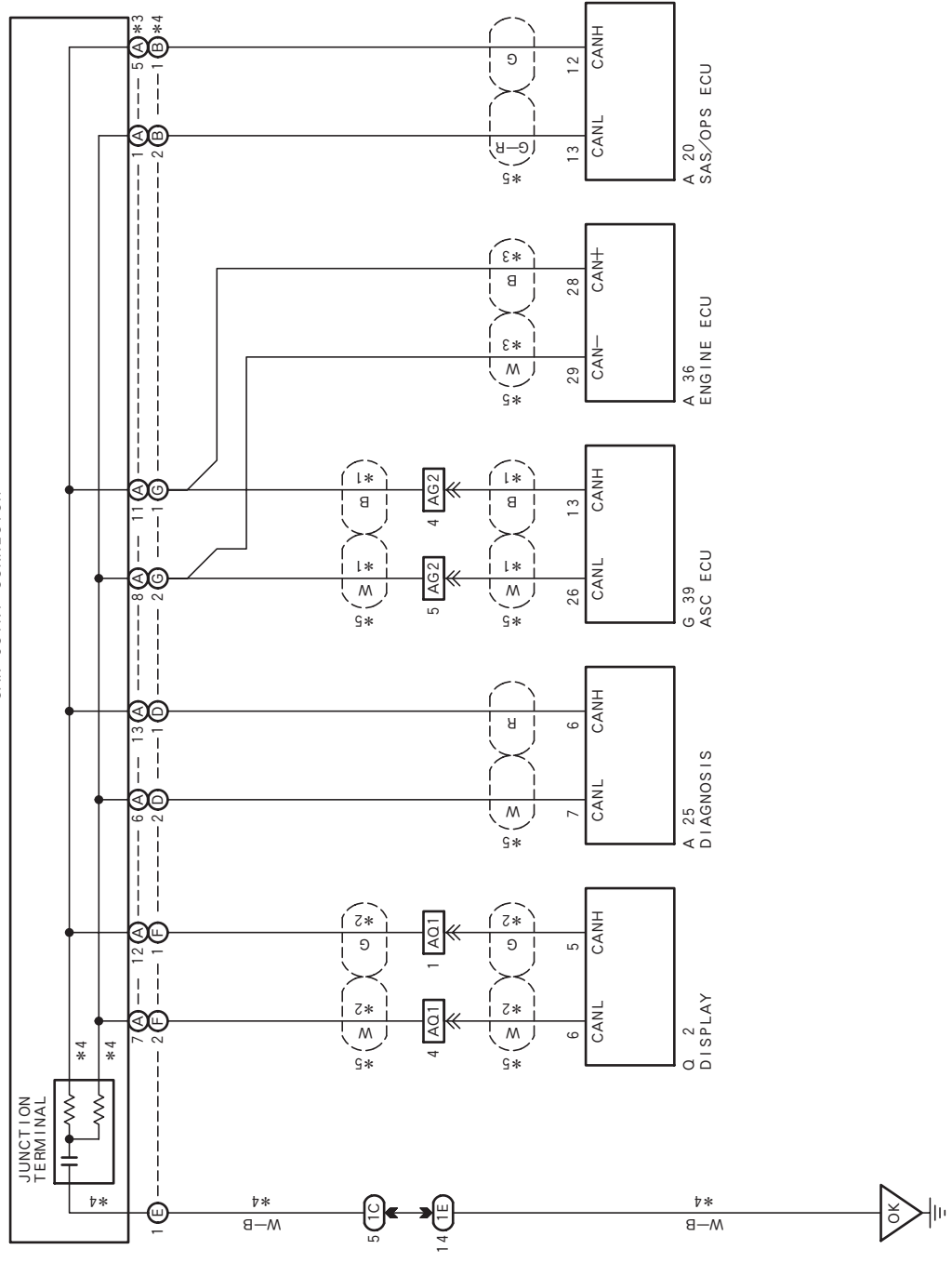
EARTH

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

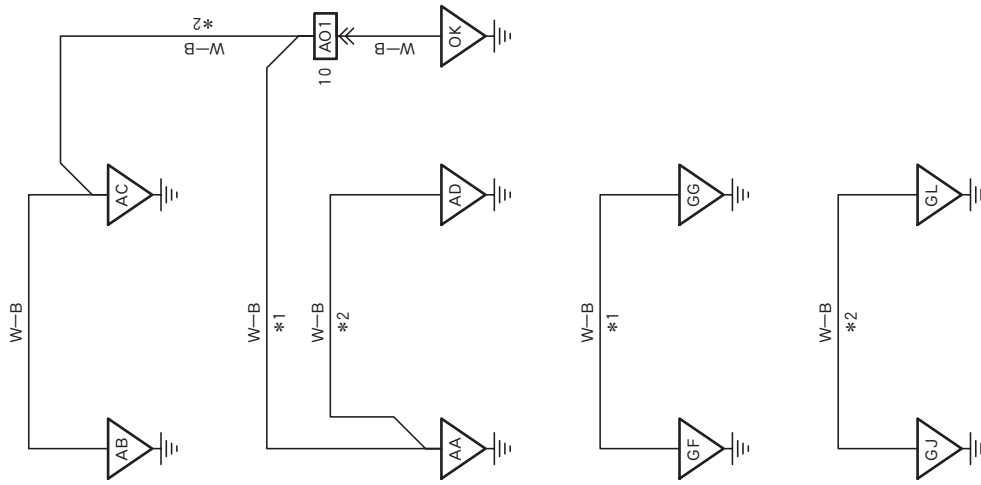
WIRE TO WIRE

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

* 1: 4Y-E
* 2: 1DZ



EARTH TO EARTH

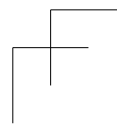
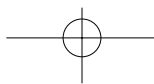
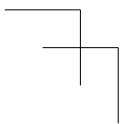
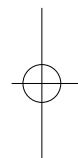
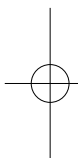
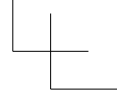
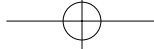
WIRE TO WIRE

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

EARTH

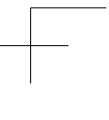
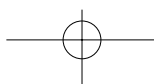
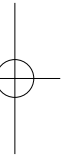
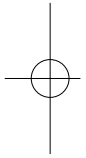
Code	See Page	Name
AA	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AB	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AC	E2-8	FRONT PLATE LEFT OUTSIDE EARTH
AD	E2-8	TRANSMISSION UPPER EARTH
GF	E2-2	ENGINE UPPER EARTH
GG	E2-2	ENGINE UPPER EARTH
GJ	E2-4	JUNCTION BLOCK IN FRONT INSIDE EARTH
GL	E2-4	JUNCTION BLOCK IN FRONT INSIDE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

MEMO



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
		TURN SIGNAL LAMP	E3-66
AB	FRONT PLATE LEFT OUTSIDE EARTH	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
		TURN SIGNAL LAMP	E3-66
AC	FRONT PLATE LEFT OUTSIDE EARTH	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
		REAR WIPER & WASHER	E3-58
AD	TRANSMISSIN UPPER EARTH	STARTING	E3-6
		TURN SIGNAL LAMP	E3-66
GF	ENGINE UPPER EARTH	POWER SHIFT TRANSMISSIN	E3-26
		ENGINE CONTROL (4Y-E)	E3-10
GG	ENGINE UPPER EARTH	LPG WARNING SYSTEM (4Y-E)	E3-24
		DIAG	E3-42
		ENGINE CONTROL (4Y-E)	E3-10
GJ	JUNCTION BLOCK IN FRONT INSIDE EARTH	LPG WARNING SYSTEM (4Y-E)	E3-24
		ASC	E3-20
IH	REAR PILLAR LEFT UNDER EARTH	GLOW	E3-16
		POWER SOURCE	E3-2
JL	FRONT PLATE LEFT INSIDE EARTH	STARTING	E3-6
		STARTING	E3-6
OK	REAR PILLAR LEFT UNDER EARTH	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		

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

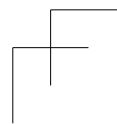
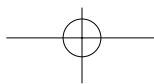
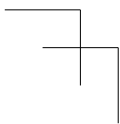
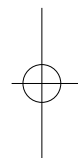
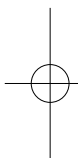
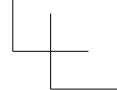
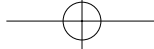
ENGINE ROOM R/B

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	HOURL 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

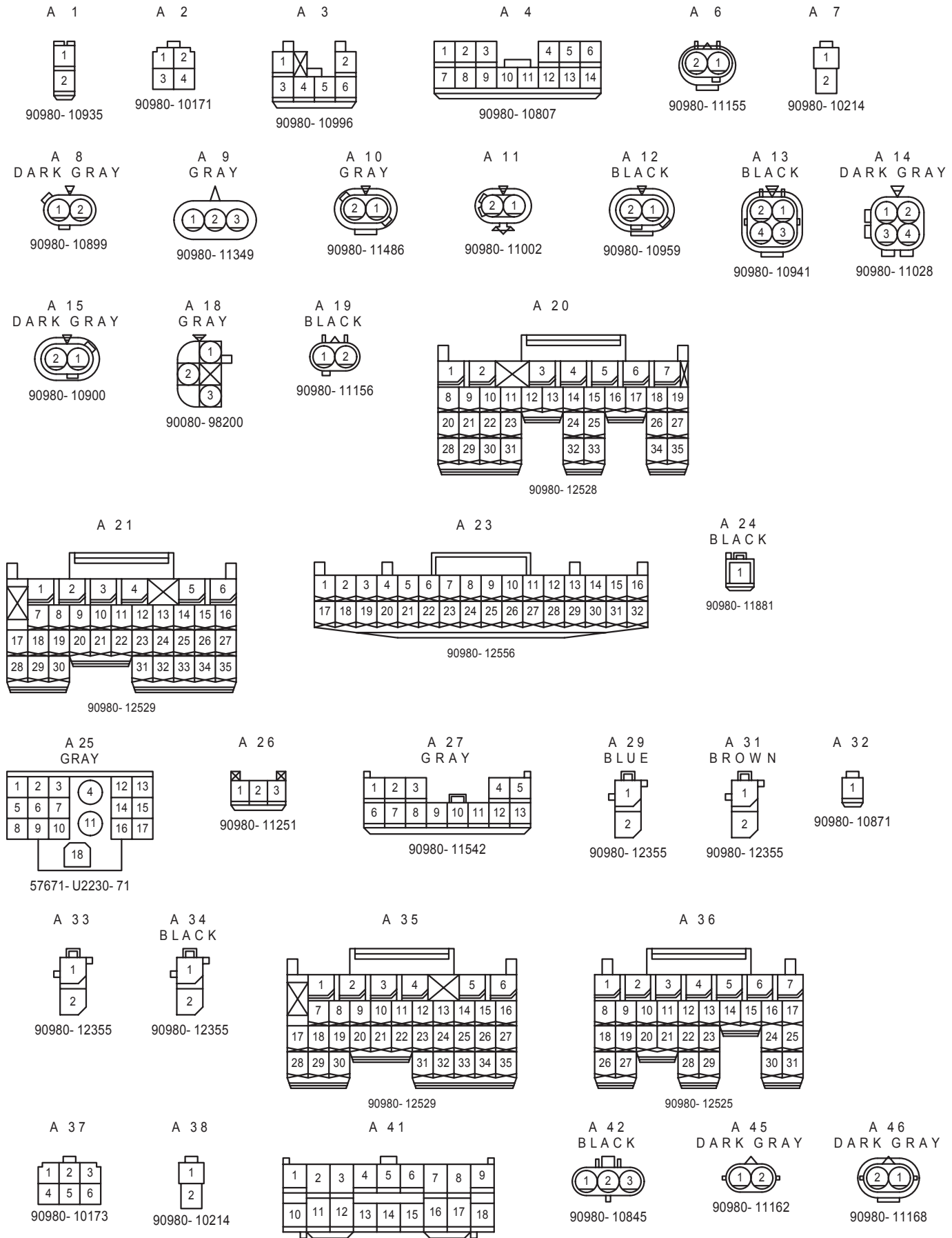
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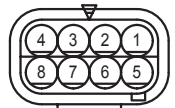
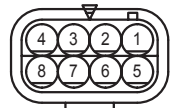



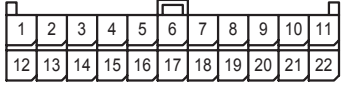






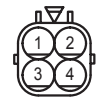

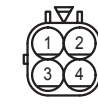

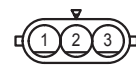
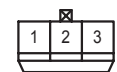

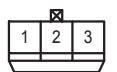
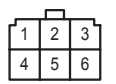
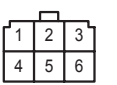
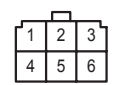
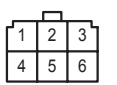




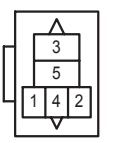

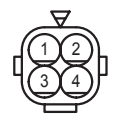








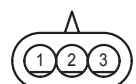
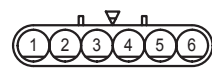
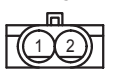
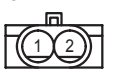
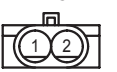
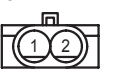
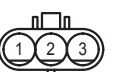
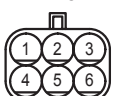
CHAPTER 6 CONNECTOR LIST

CONNECTOR LIST	
PARTS CONNECTOR	E6-2
WIRE TO WIRE	
WIRE TO WIRE	E6-8

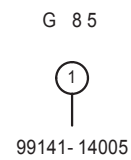
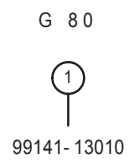
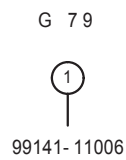
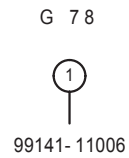
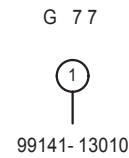
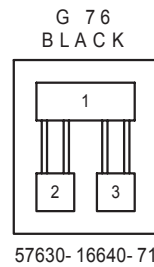
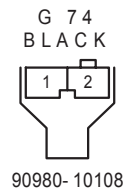
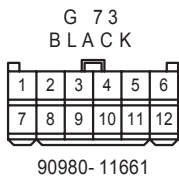
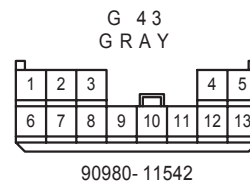
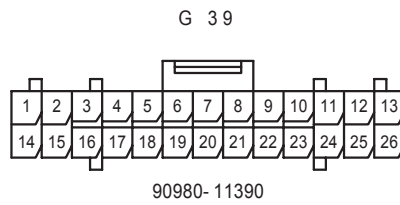
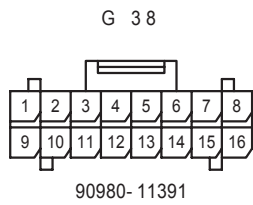
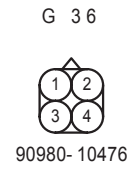
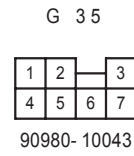
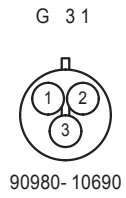
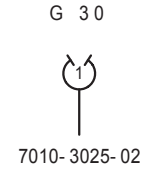
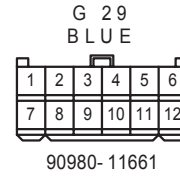
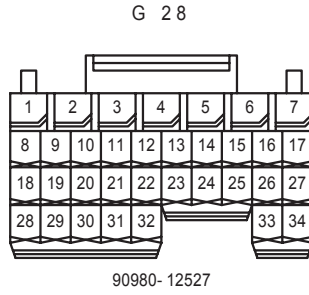
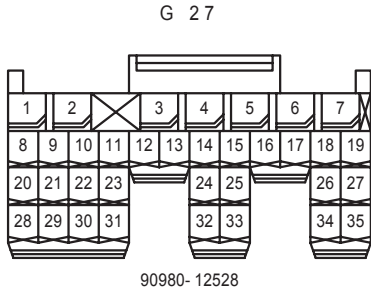
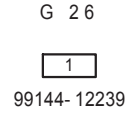
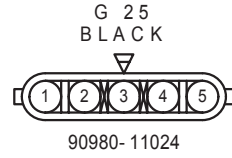
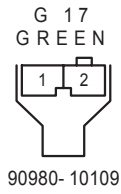
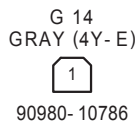
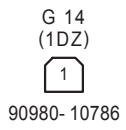
CONNECTOR LIST





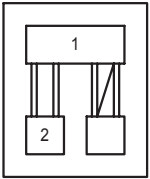

















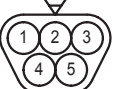


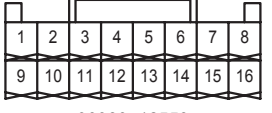



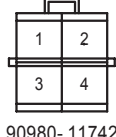

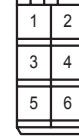
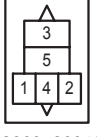

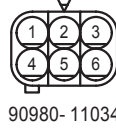
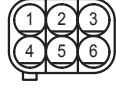








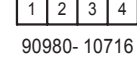







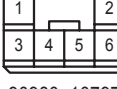

CONNECTOR LIST

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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>
<p>A 76</p>  <p>90980-10941</p>	<p>A 78</p>  <p>90980-11020</p>	<p>A 79 GRAY</p>  <p>90980-11071</p>	<p>A 80</p>  <p>90980-10355</p>	<p>A 81 GRAY</p>  <p>90980-11071</p>	<p>A 82</p>  <p>90980-10173</p>	
<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>	
<p>G 8 DARK GRAY</p>  <p>90980-11153</p>	<p>G 9 GREEN</p>  <p>90980-11153</p>	<p>G 10 DARK GRAY</p>  <p>90980-11153</p>	<p>G 11 GREEN</p>  <p>90980-11153</p>	<p>G 12</p>  <p>90980-10845</p>	<p>G 13 BLACK</p>  <p>90980-11144</p>	

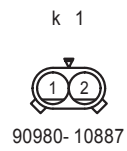
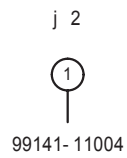
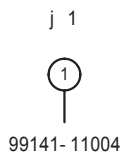
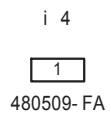
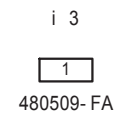
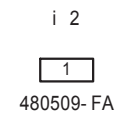
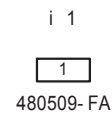
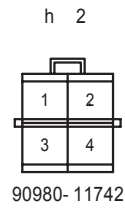
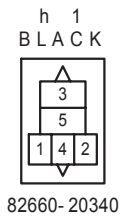
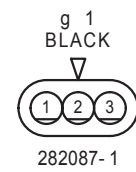
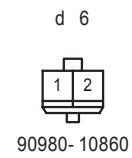
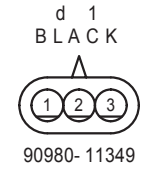
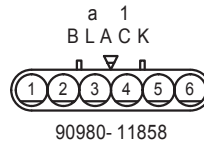
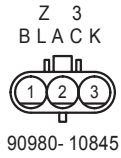
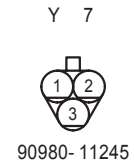
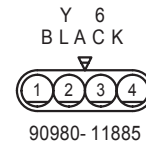
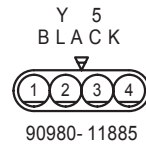
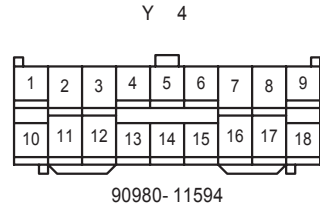
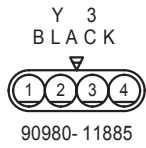
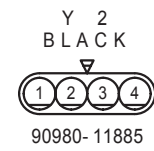
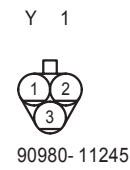
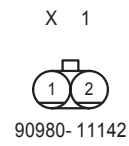
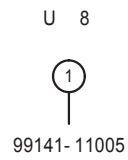
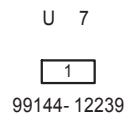
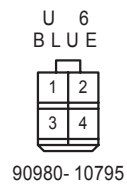
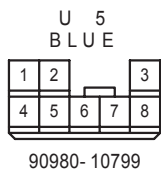
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CONNECTOR LIST

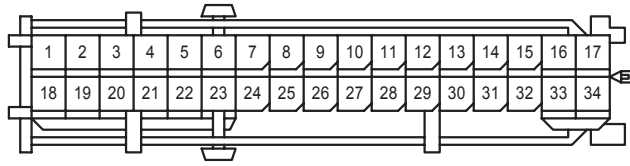
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<p>I 1</p>  <p>99142-15080</p>	<p>I 2</p>  <p>99142-16080</p>	<p>J 1</p>  <p>7003-1172-02</p>	<p>J 2</p>  <p>7003-1182-02</p>	<p>J 3</p>  <p>90980-09481</p>	<p>K 1 DARK GRAY</p>  <p>90980-11162</p>	<p>K 2 DARK GRAY</p>  <p>90980-10626</p>	<p>K 3 BLACK</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>		

CONNECTOR LIST



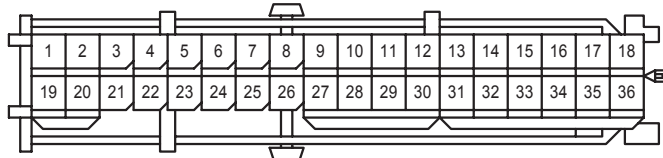
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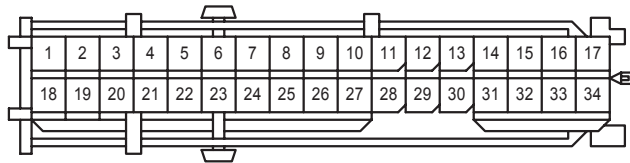
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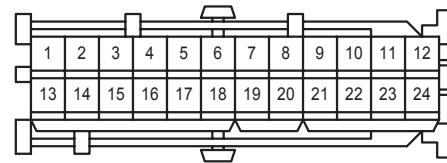
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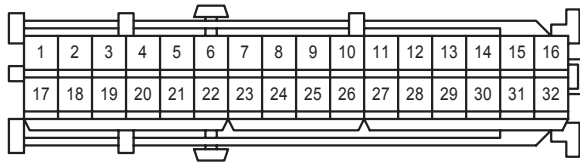
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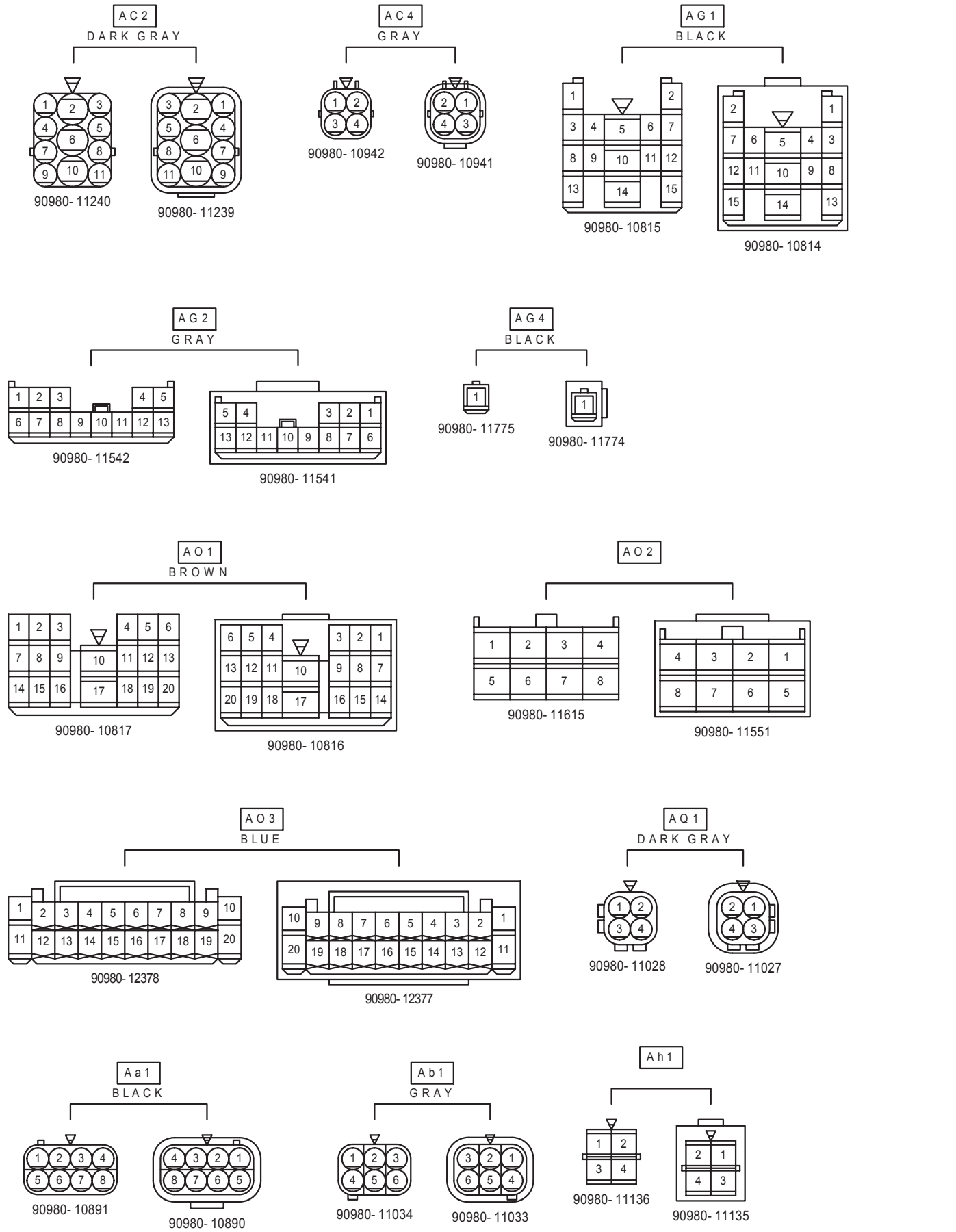
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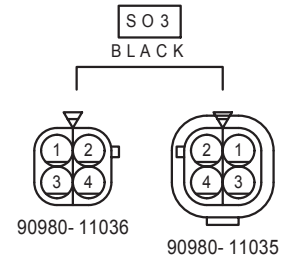
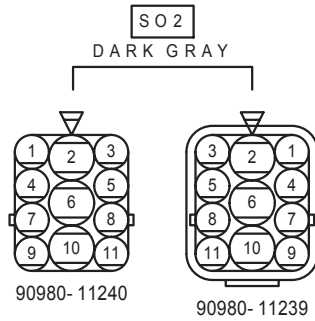
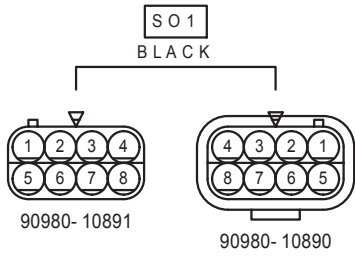
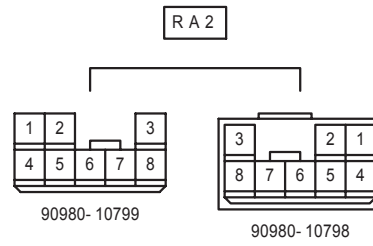
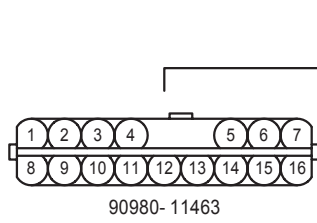
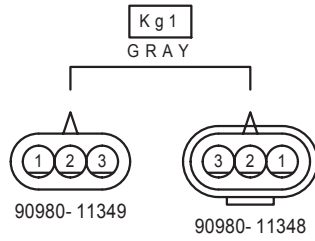
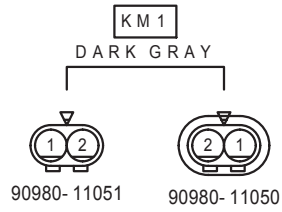
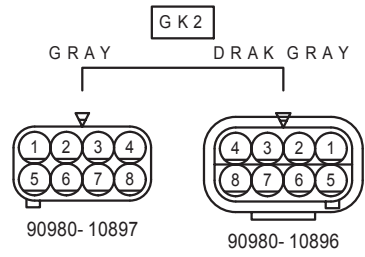
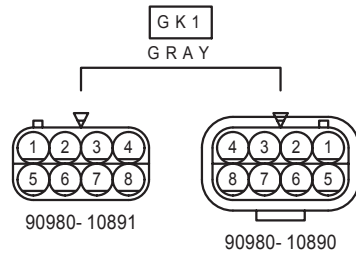
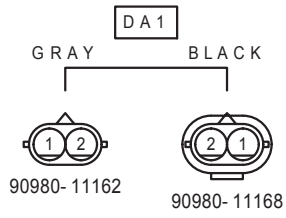
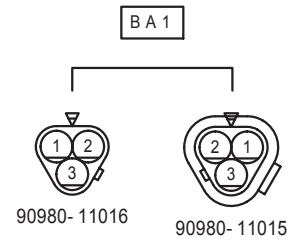
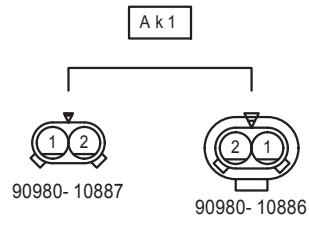
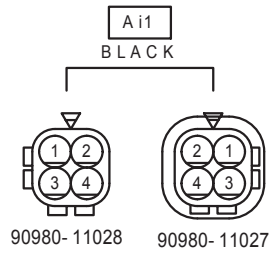


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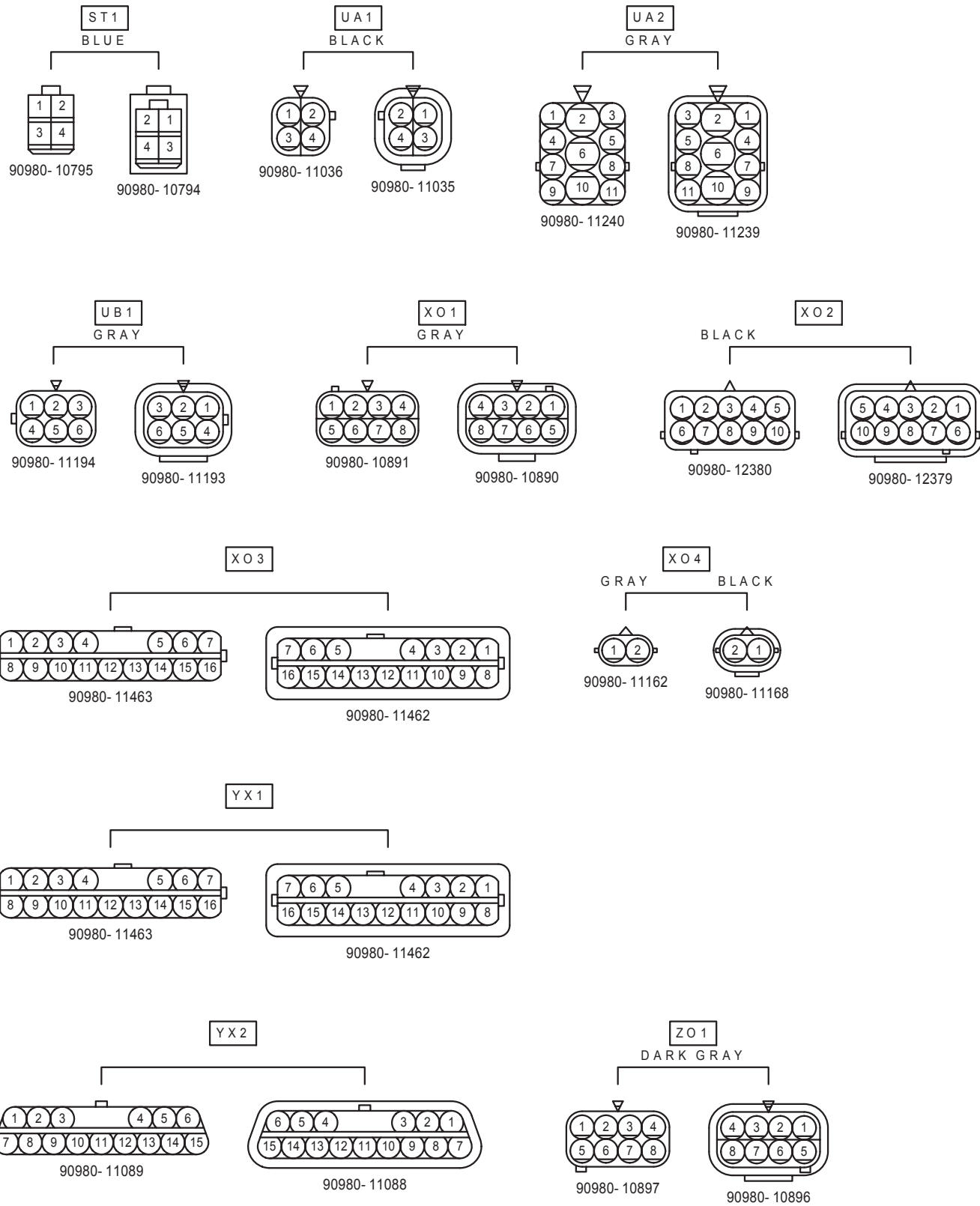
WIRE TO WIRE



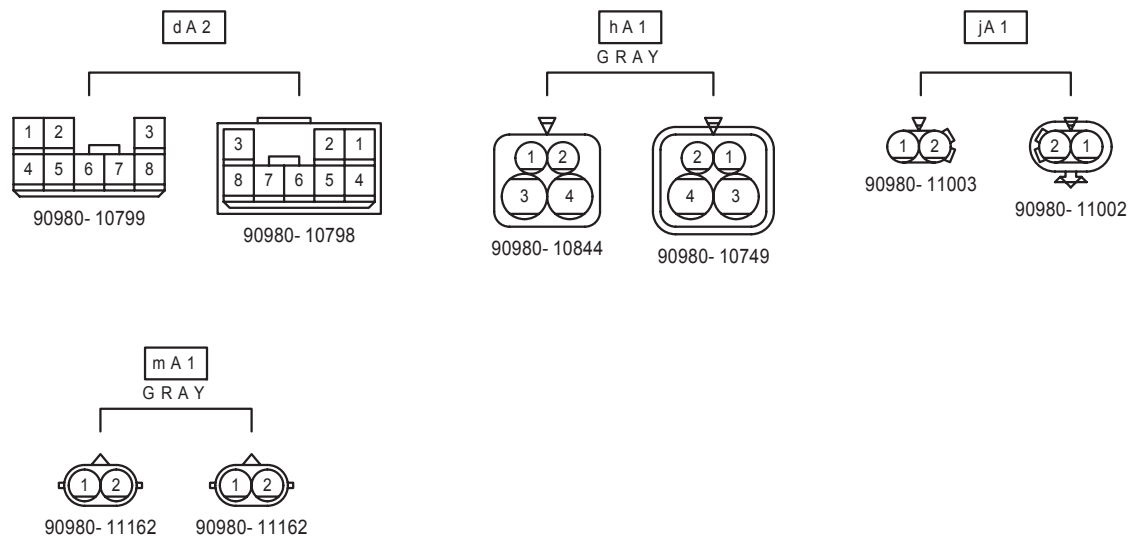
WIRE TO WIRE



WIRE TO WIRE



WIRE TO WIRE



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CHAPTER 8 ELECTRICAL WIRING ROUTINGS AND RELAY LOCATIONS

E8

ELECTRICAL WIRING ROUTINGS

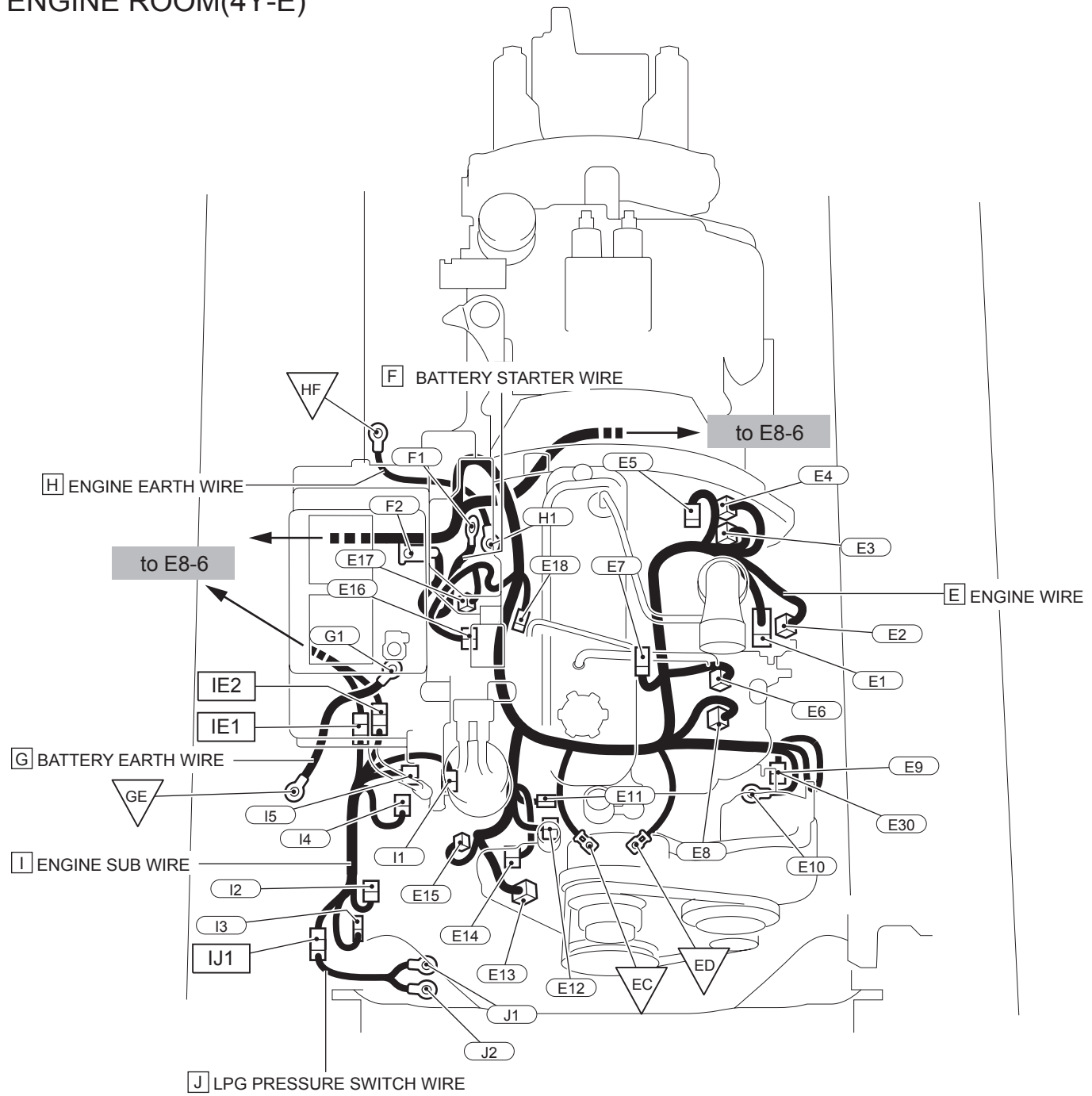
ENGINE ROOM	E8-2
INSTRUMENT PANEL	E8-4
FRONT BODY	E8-6
MAST AREA	E8-8
REAR BODY	E8-10

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)

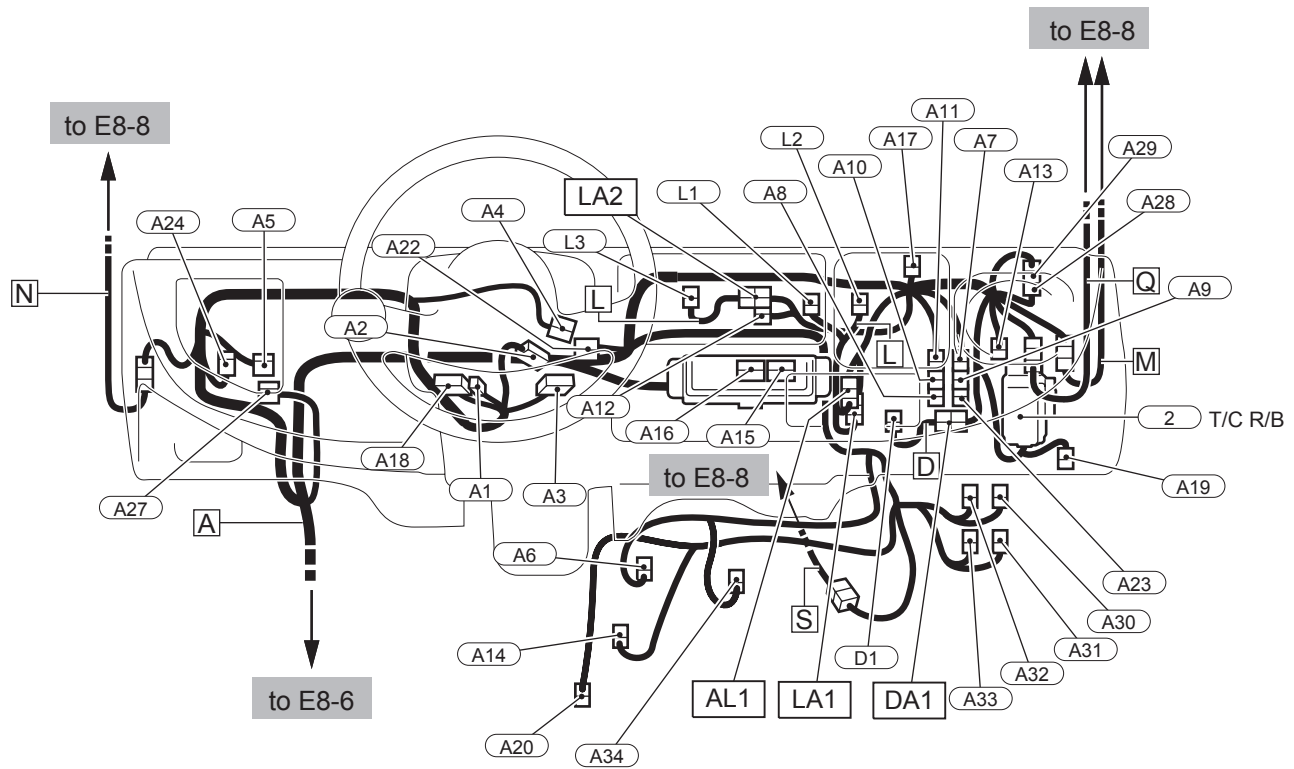


ELECTRICAL WIRING ROUTINGS

(E1)	THROTTLE POSITION SENSOR(WITH MOTOR)	(IE1)	ENGINE SUB WIRE to ENGINE WIRE
(E2)	LPG INJECTOR	(IE2)	
(E3)	INJECTOR NO.3	(IJ1)	
(E4)	INJECTOR NO.4		
(E5)	VACUUM SENSOR		
(E6)	INJECTOR NO.2	(EC)	ENGINE UPPER EARTH
(E7)	FCM STEP MOTOR		
(E8)	INJECTOR NO.1	(ED)	ENGINE UPPER EARTH
(E9)	ALTERNATOR		
(E10)	ALTERNATOR	(GE)	REAR PILLAR LEFT UNDER EARTH
(E11)	WATER TEMPERATURE SENDER		
(E12)	WATER TEMPERATURE SENSOR	(HF)	BODY EARTH
(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

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

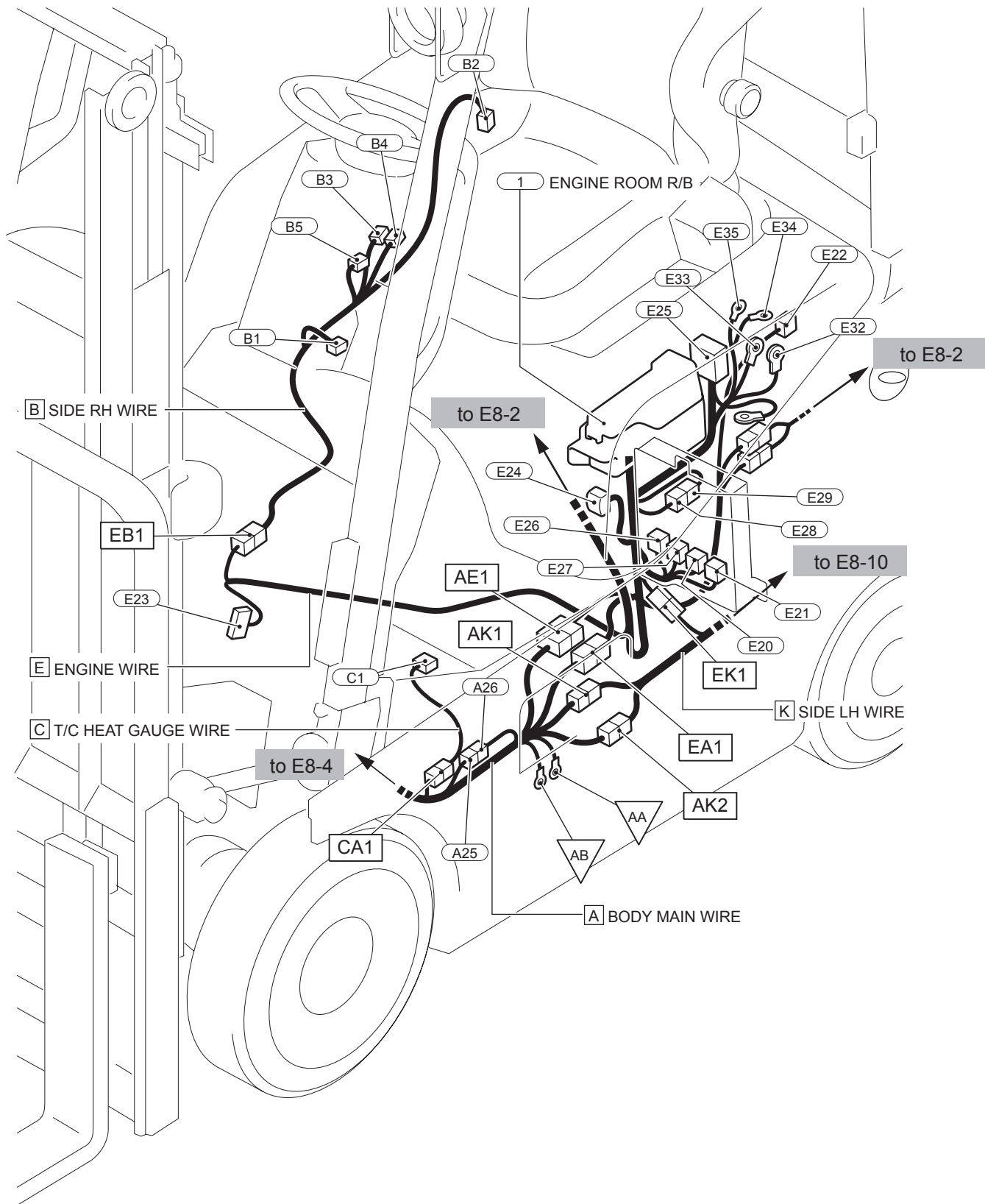


ELECTRICAL WIRING ROUTINGS

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	

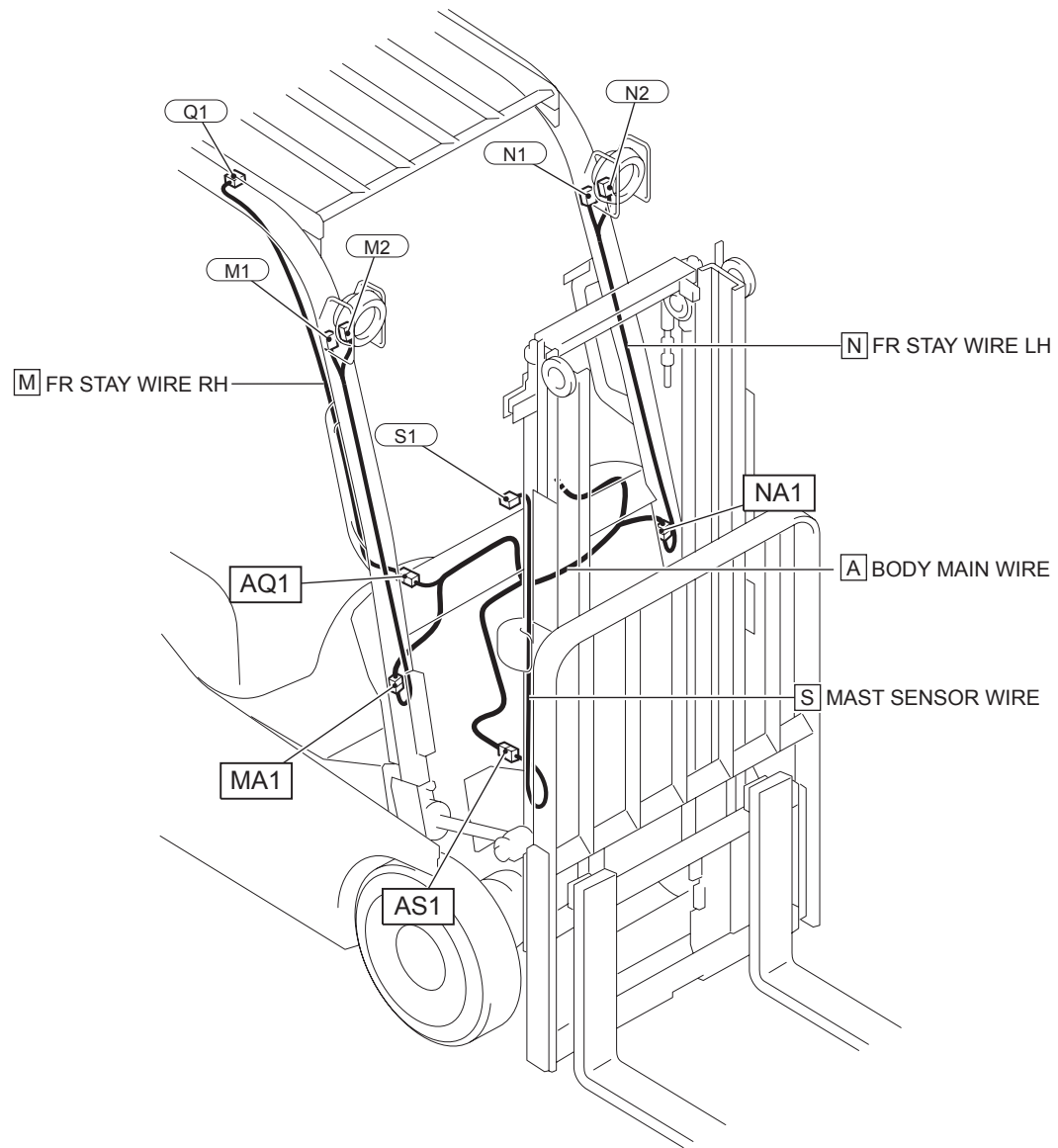
FRONT BODY



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

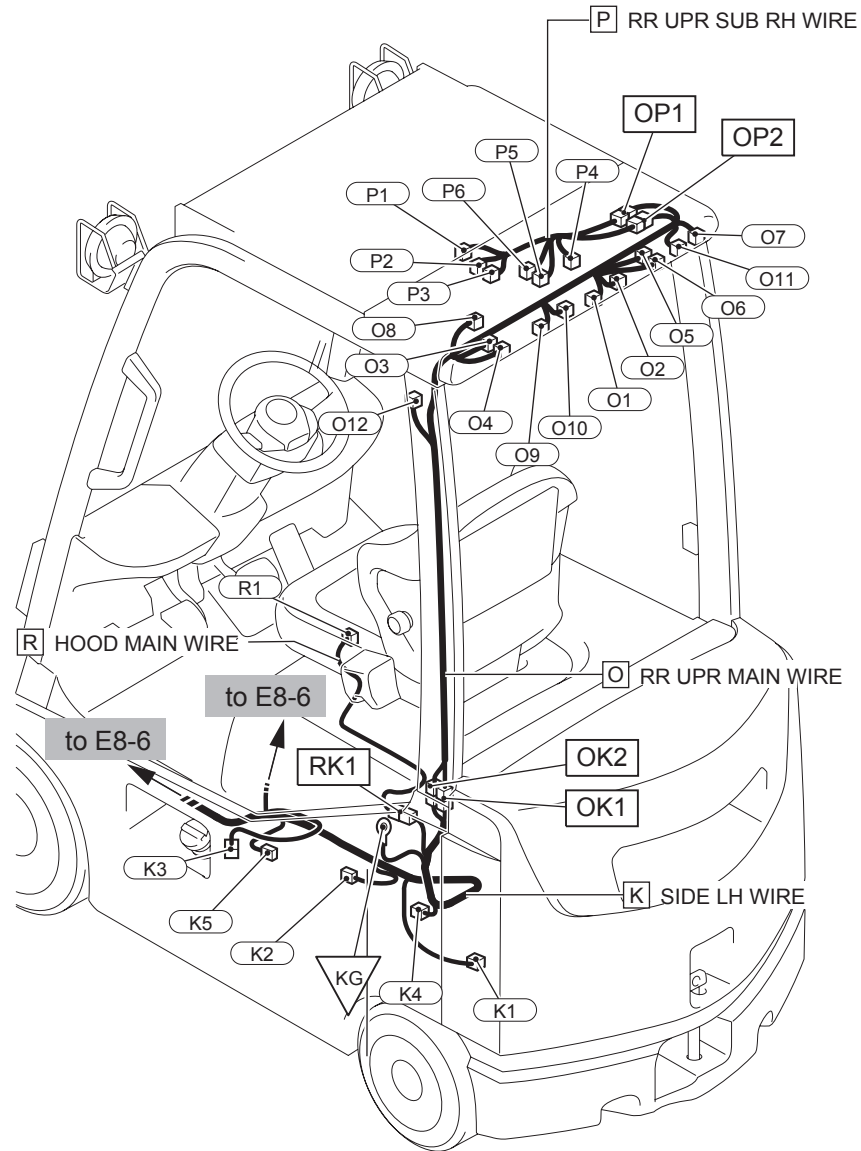


ELECTRICAL WIRING ROUTINGS

- 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

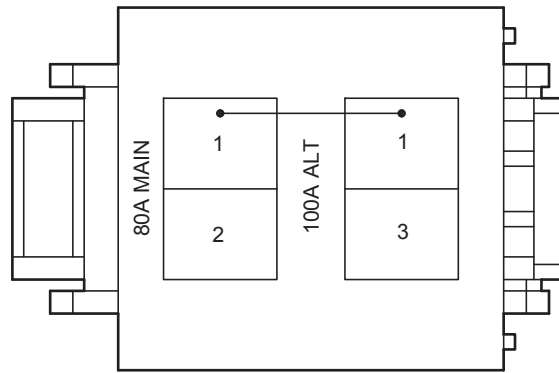
REAR BODY



ELECTRICAL WIRING ROUTINGS

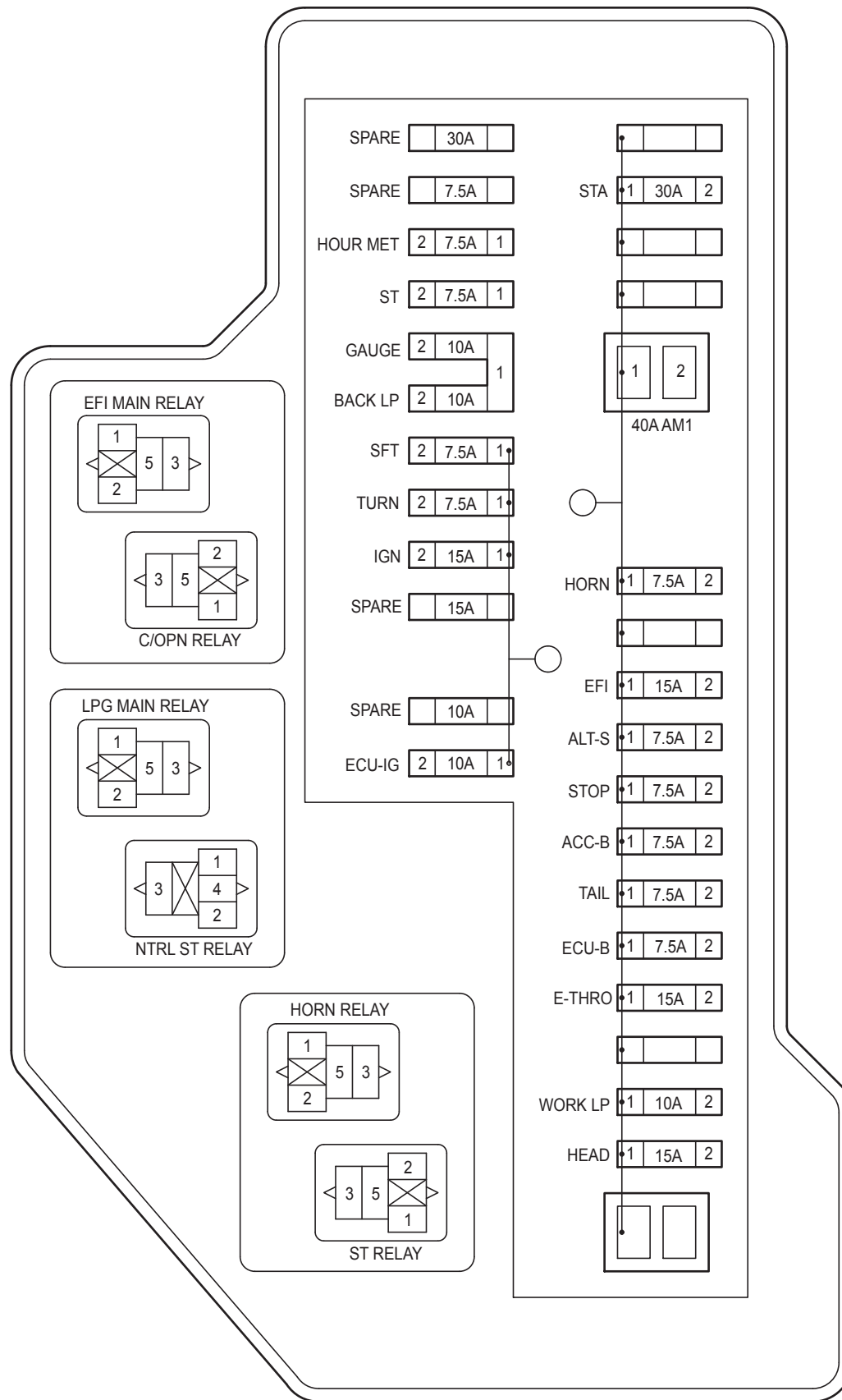
K1	SWING LOCK SOLENOID
K2	YAW RATE SENSOR
K3	FUEL SENDER GAUGE & FUEL PUMP
K4	RADIATOR WARNING SWITCH
K5	IGNITER
O1	REAR COMBINATION LAMP LEFT
O2	REAR COMBINATION LAMP RIGHT
O3	BEACON LAMP(+)
O4	BEACON LAMP(-)
O5	SMART ALARM(+)
O6	SMART ALARM(-)
O7	REAR HORN SWITCH
O8	LED REAR COMBINATION LAMP LEFT
O9	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

FUSIBLE LINK BLOCK ASSY : ENGINE ROOM LEFT

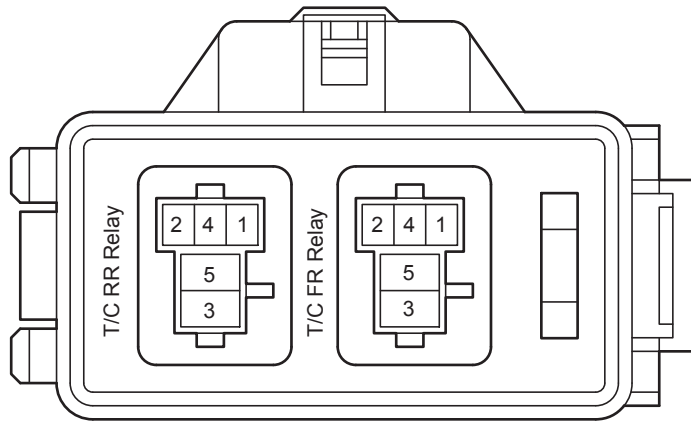


RELAY LOCATIONS

① ENGINE ROOM R/B : ENGINE ROOM LEFT



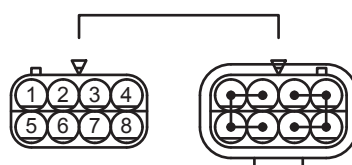
② T/C R/B : INSTRUMENT PANEL RIGHT



RELAY LOCATIONS

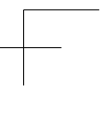
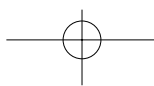
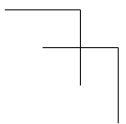
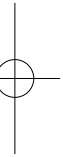
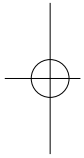
JUNCTION CONNECTOR

GRAY (A17) JUNCTION CONNECTOR (A)



E8-16

MEMO



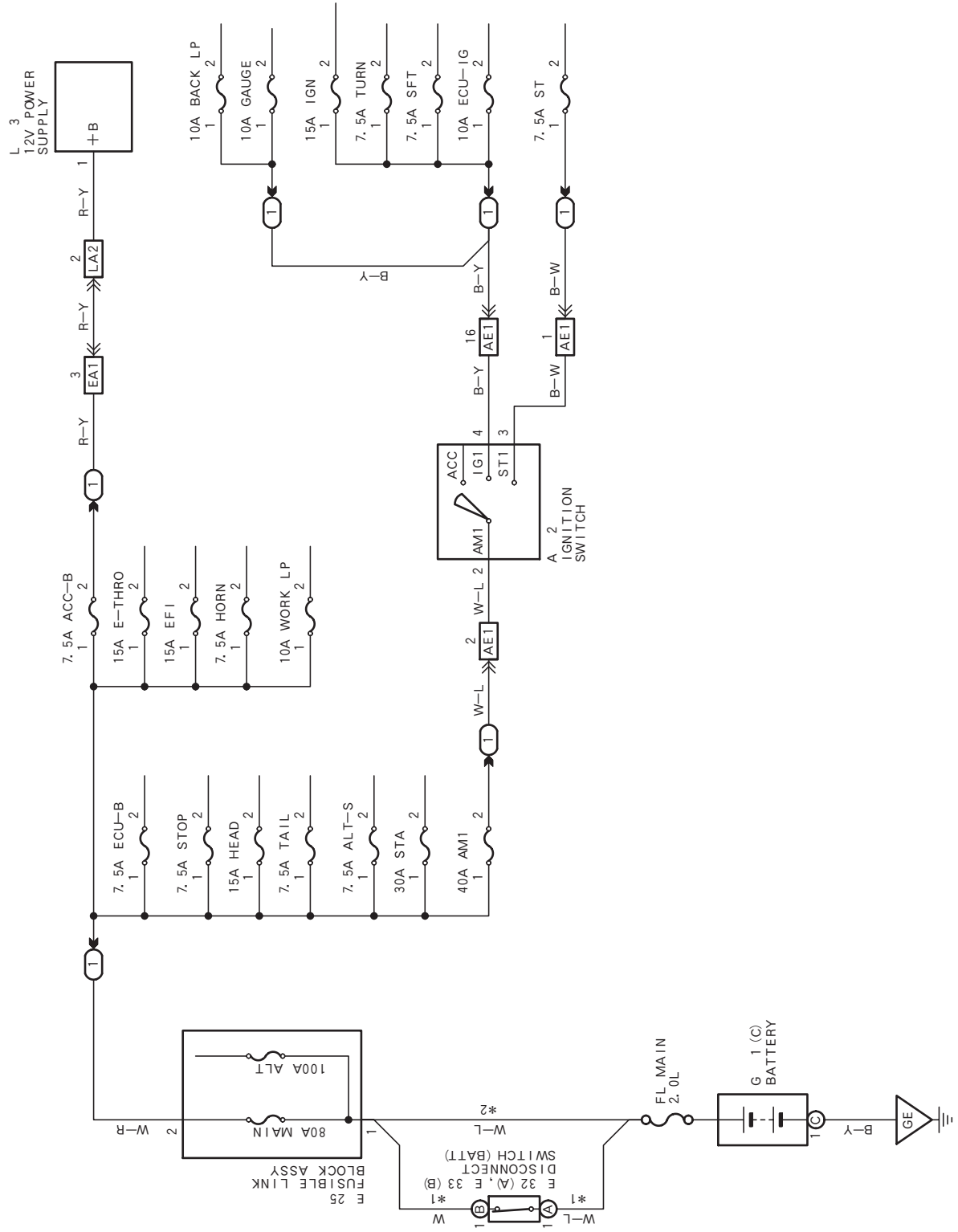
CHAPTER 9 SYSTEM CIRCUITS

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E9

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

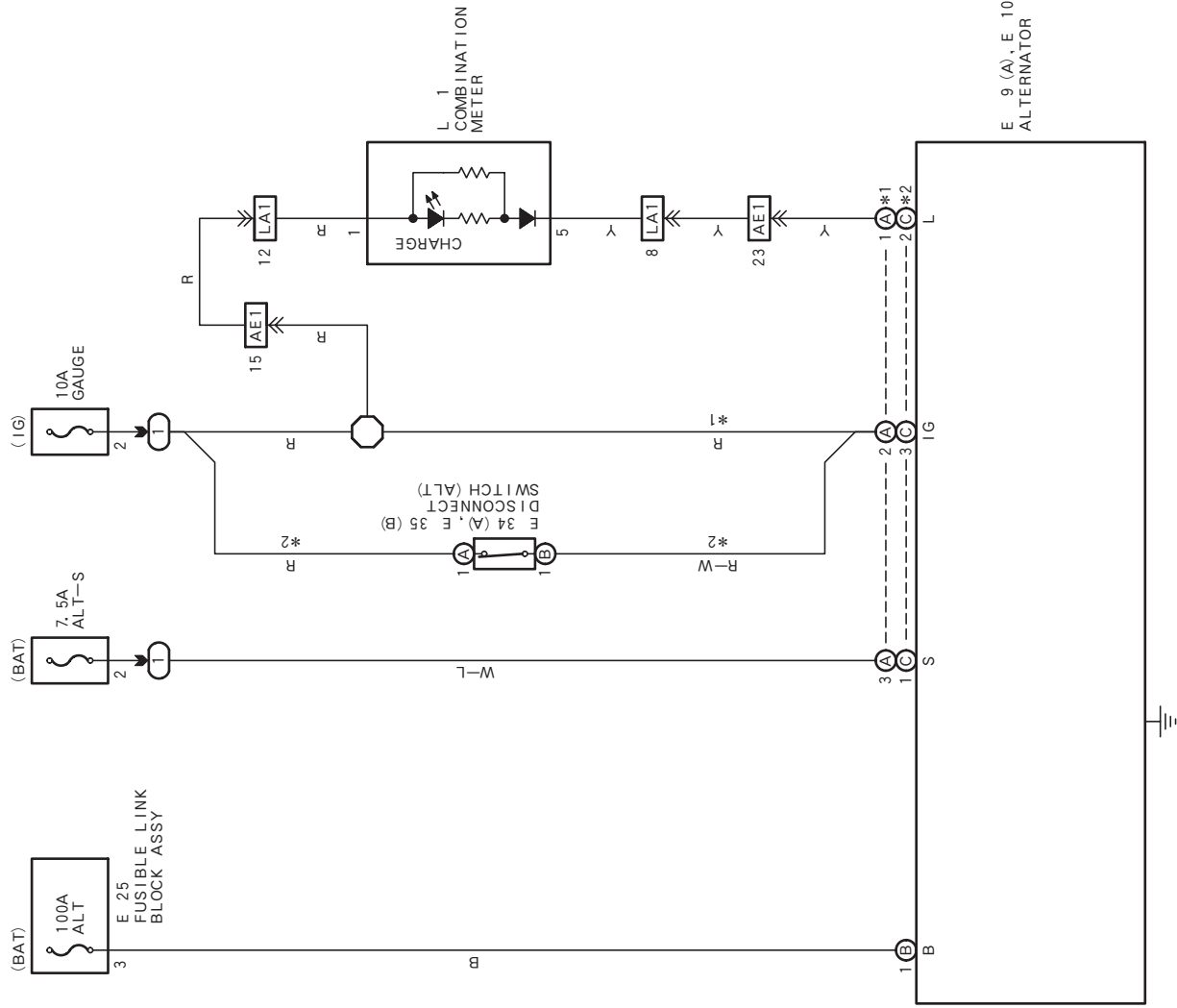
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AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
EA1	E8-6	ENGINE WIRE to BODY MAIN WIRE
LA2	E8-4	INSTRUMENT PANEL WIRE to BODY MAIN WIRE

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

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

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

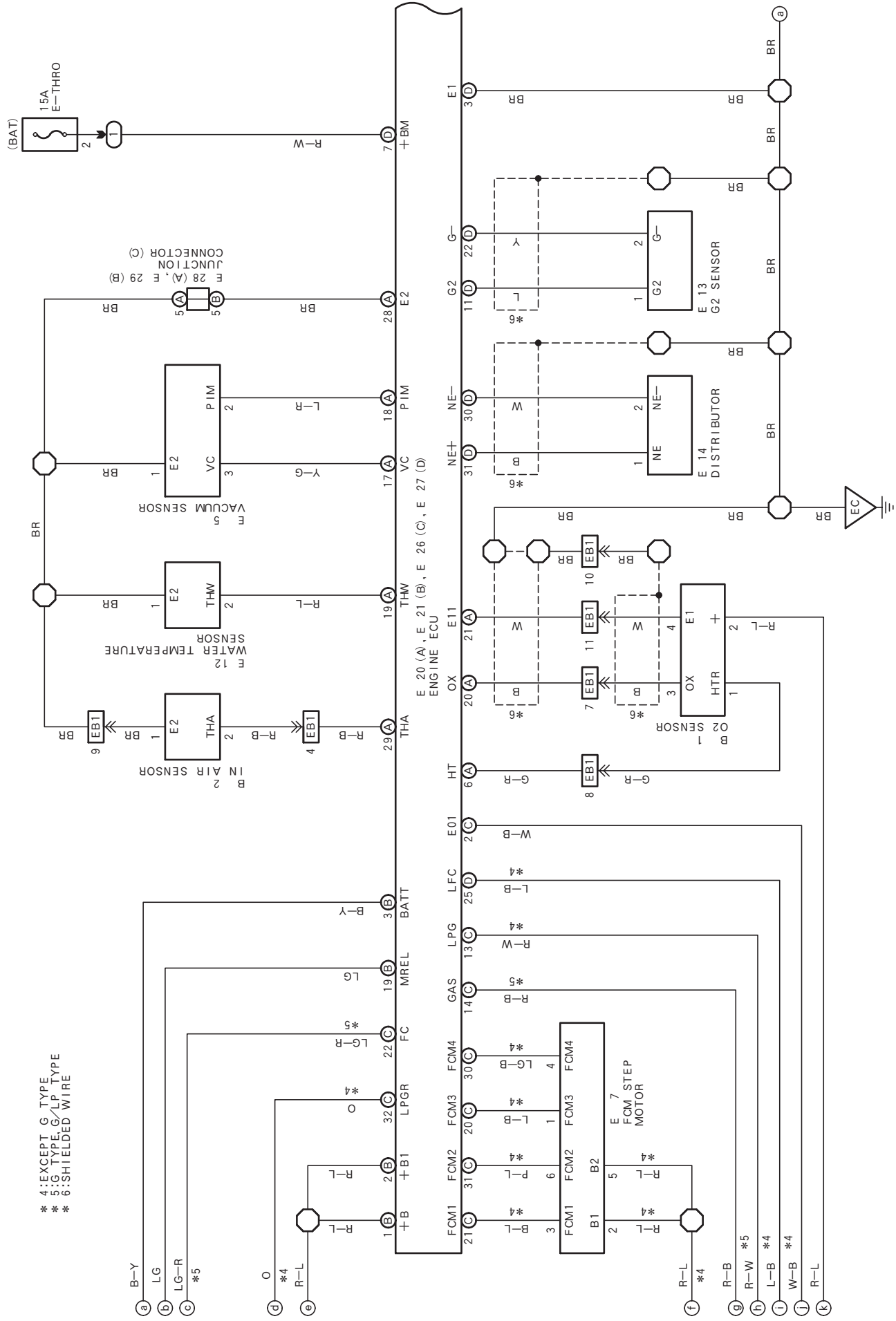
WIRE TO WIRE

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

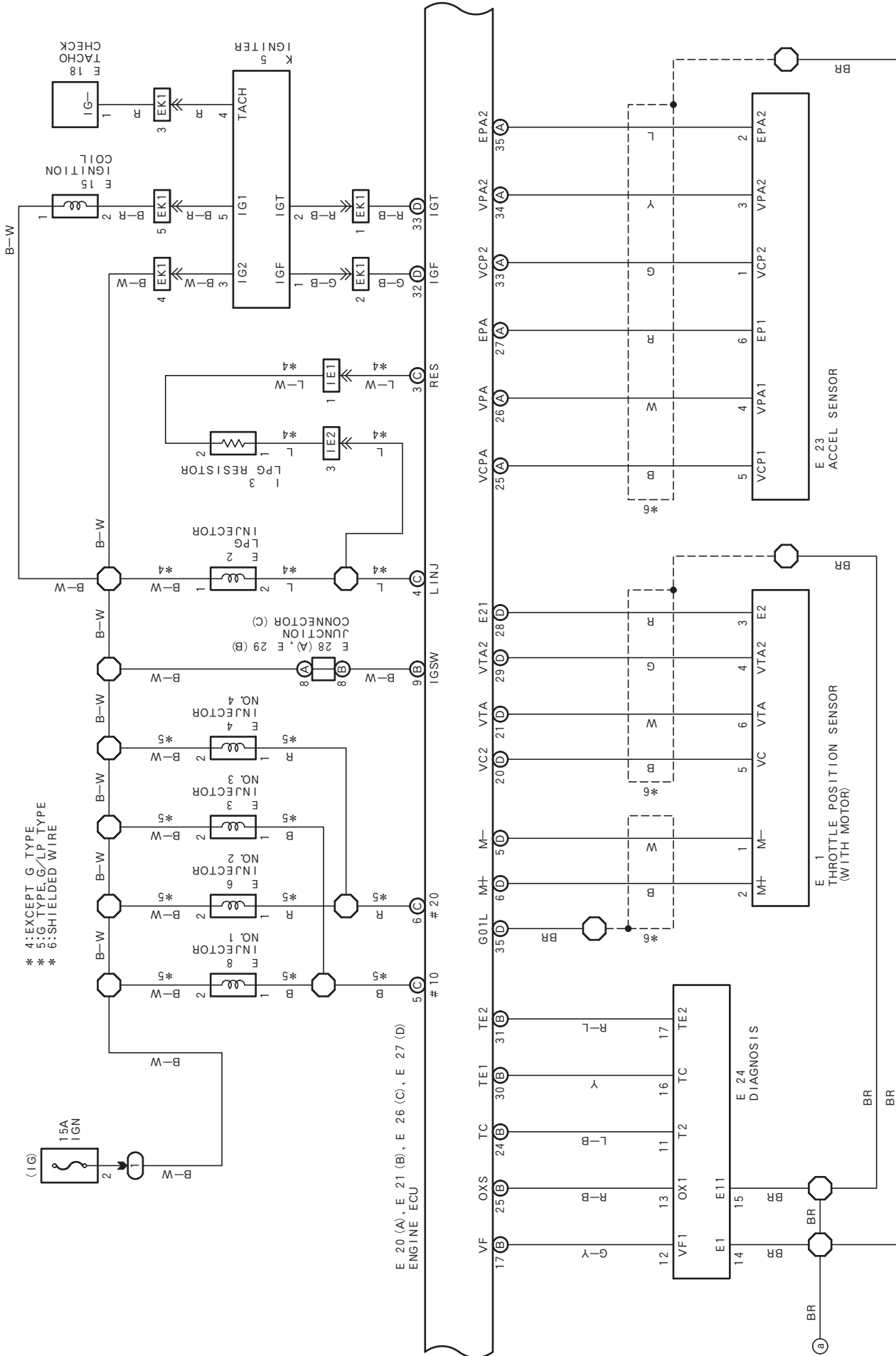
EARTH

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

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

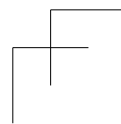
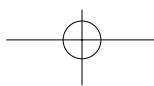
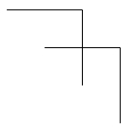
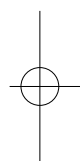
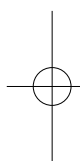
WIRE TO WIRE

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

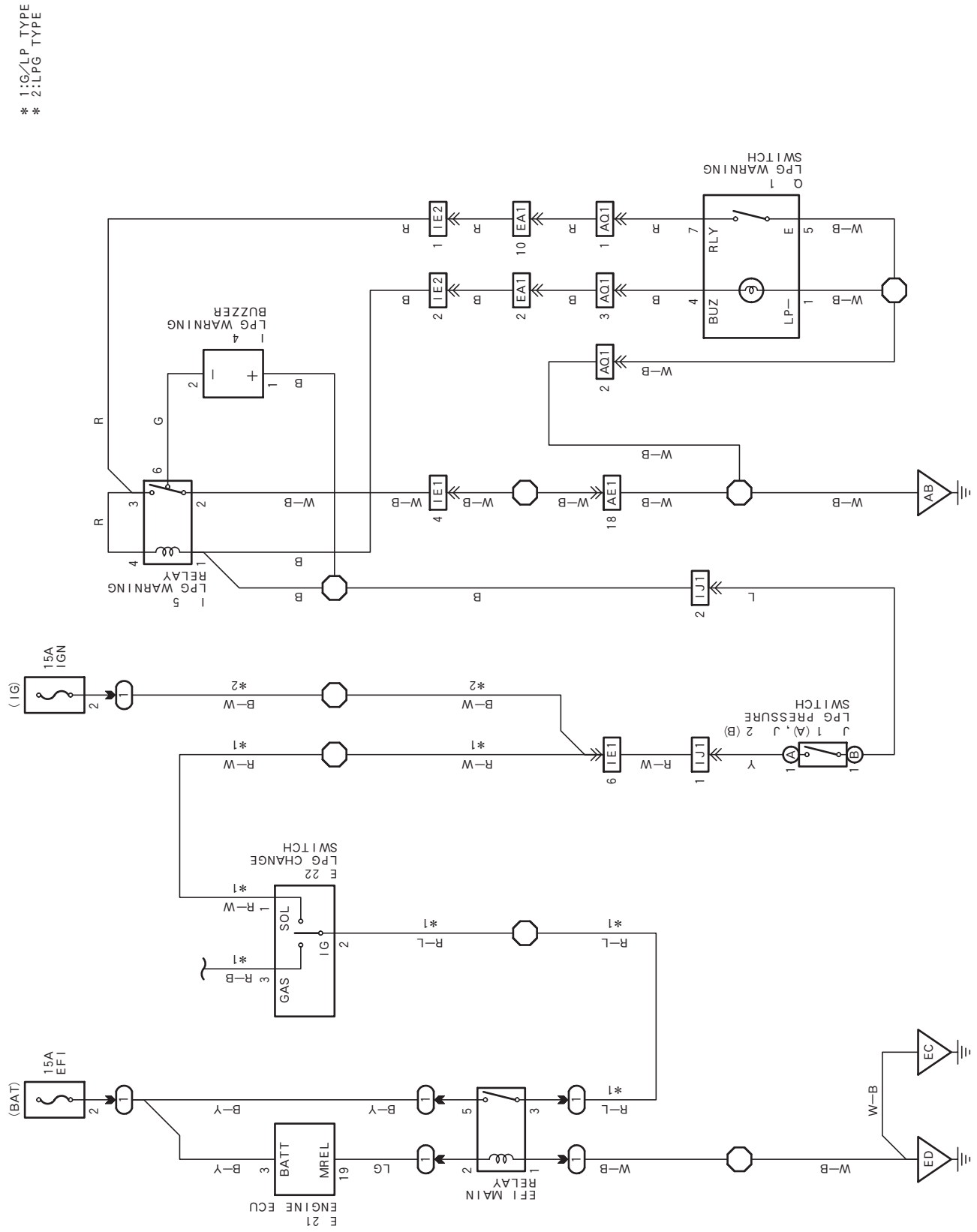
EARTH

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



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

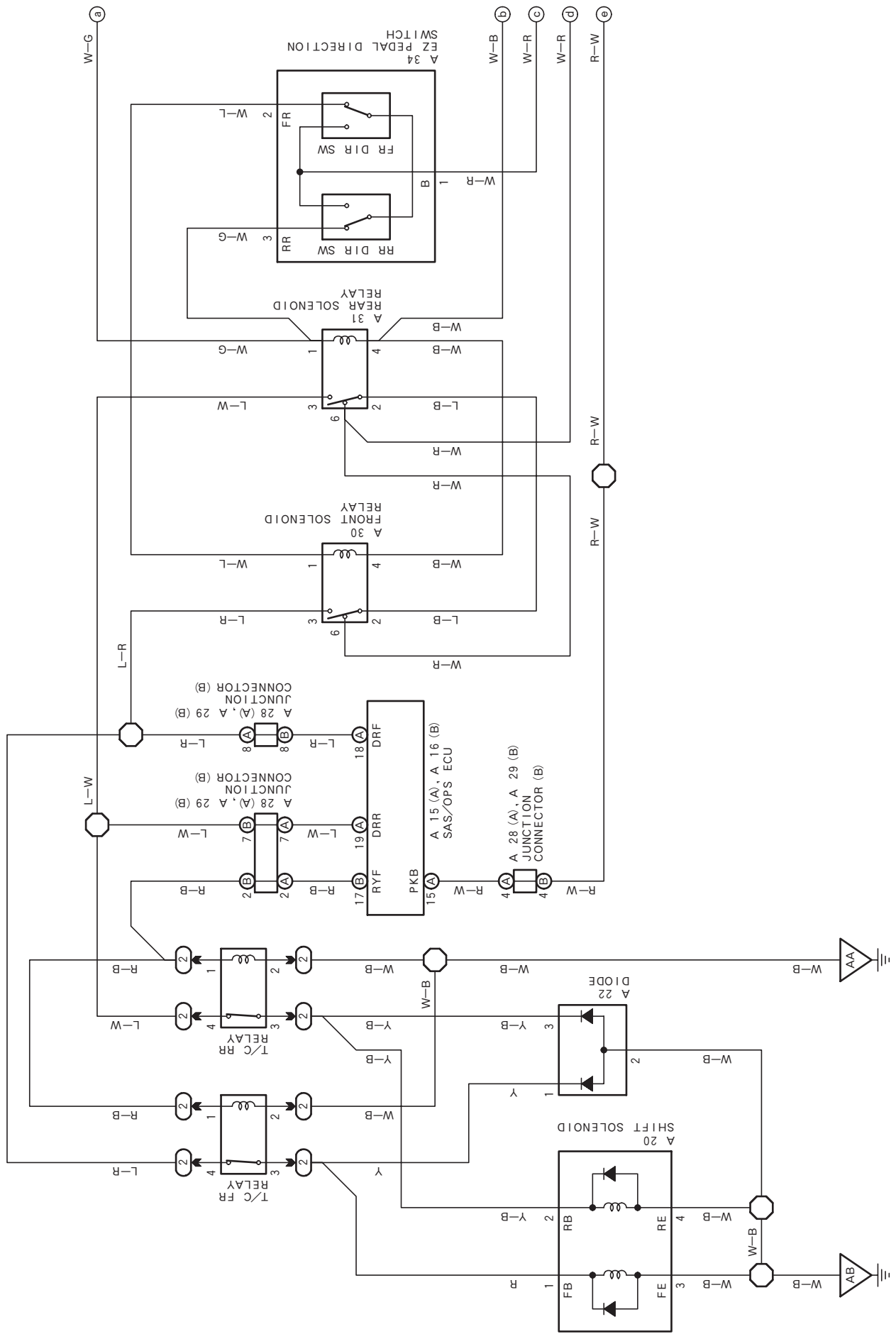
WIRE TO WIRE

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

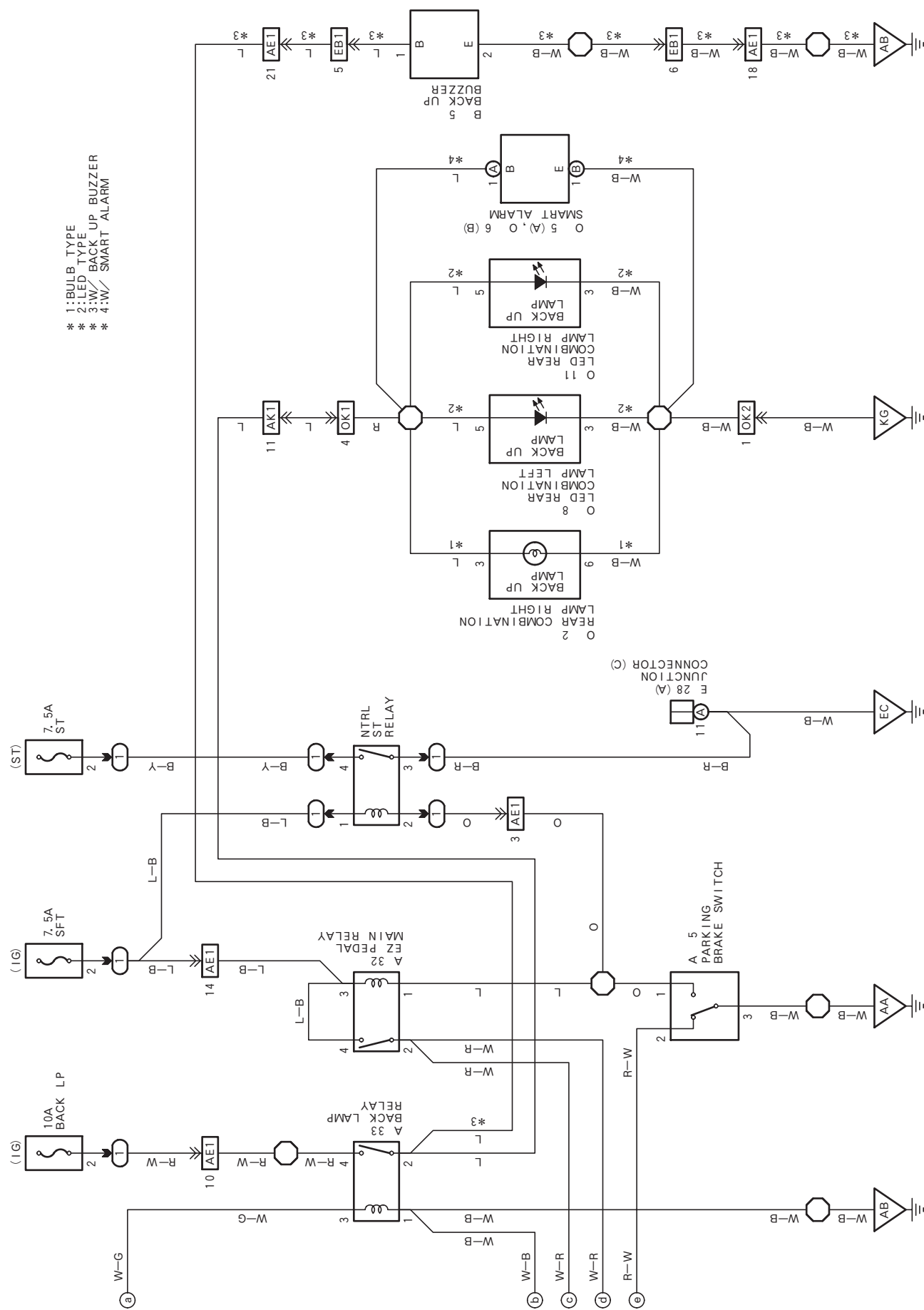
EARTH

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

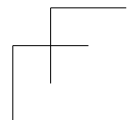
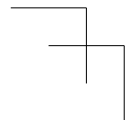
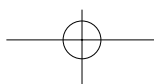
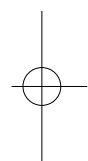
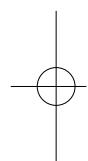
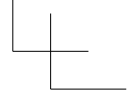
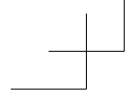
WIRE TO WIRE

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

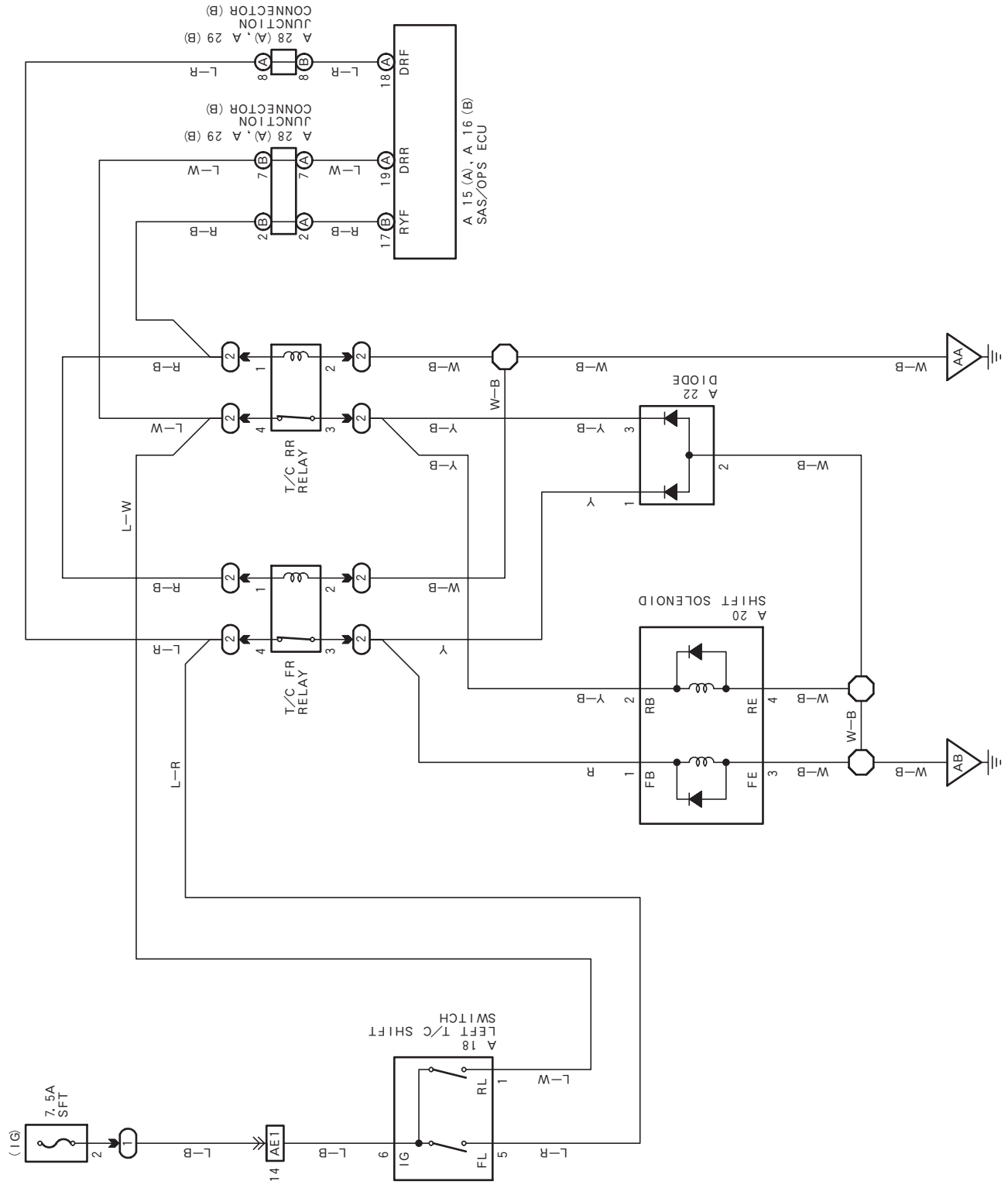
EARTH

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



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

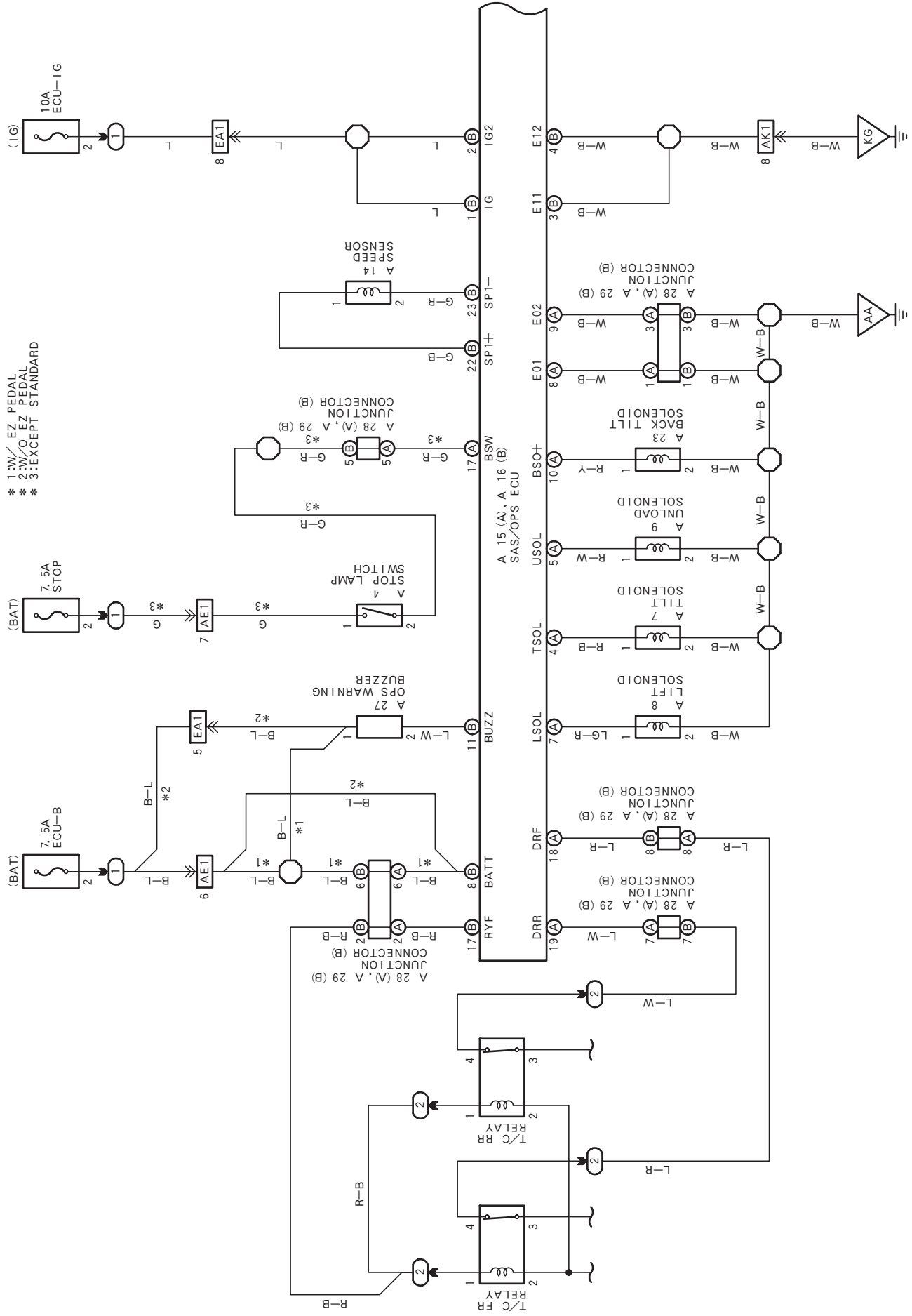
Code	See Page	Relay Block Name or Joining Wire Harness to J/B
1	E8-13	ENGINE ROOM R/B
2	E8-14	T/C R/B

WIRE TO WIRE

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

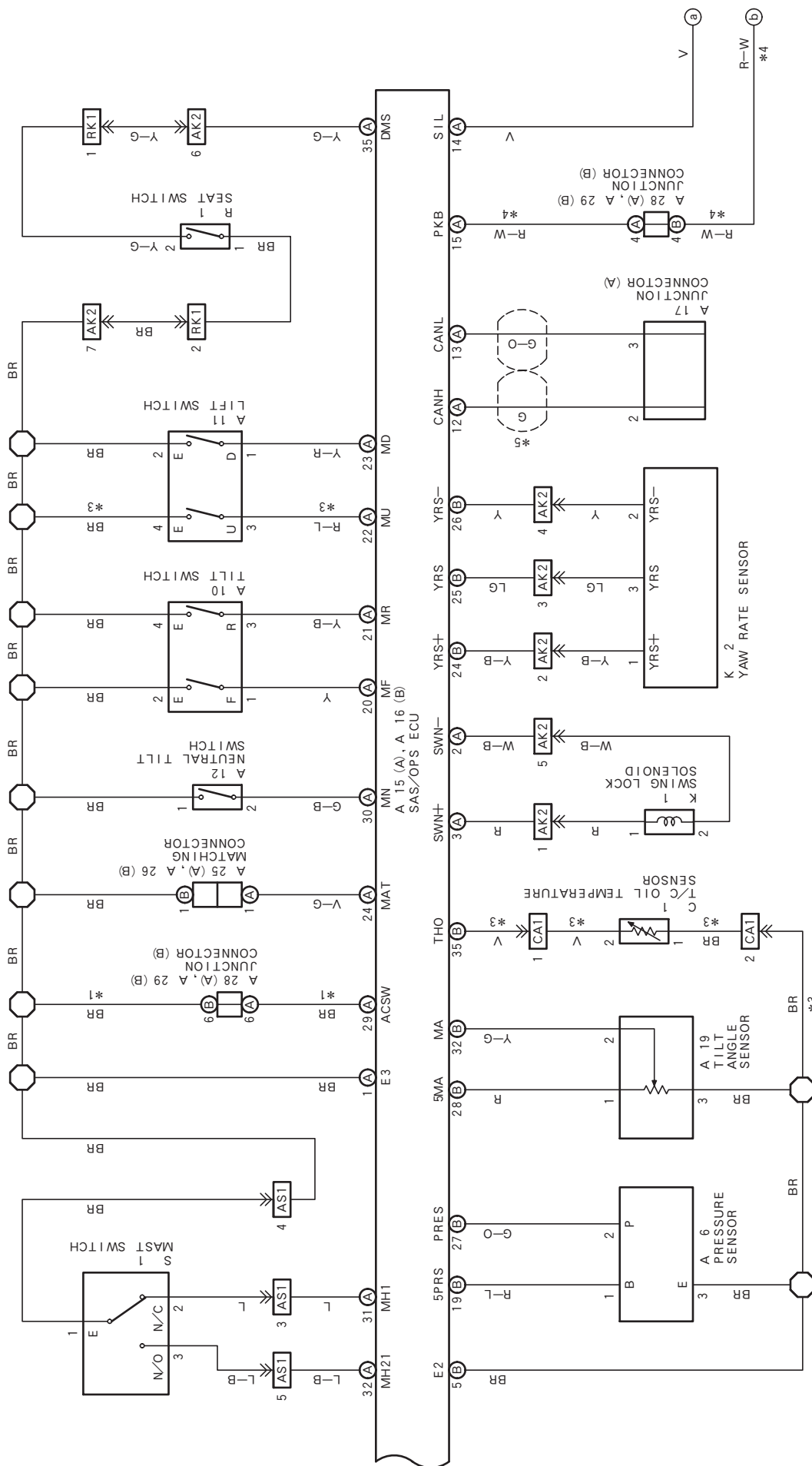
EARTH

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/MULTI 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

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

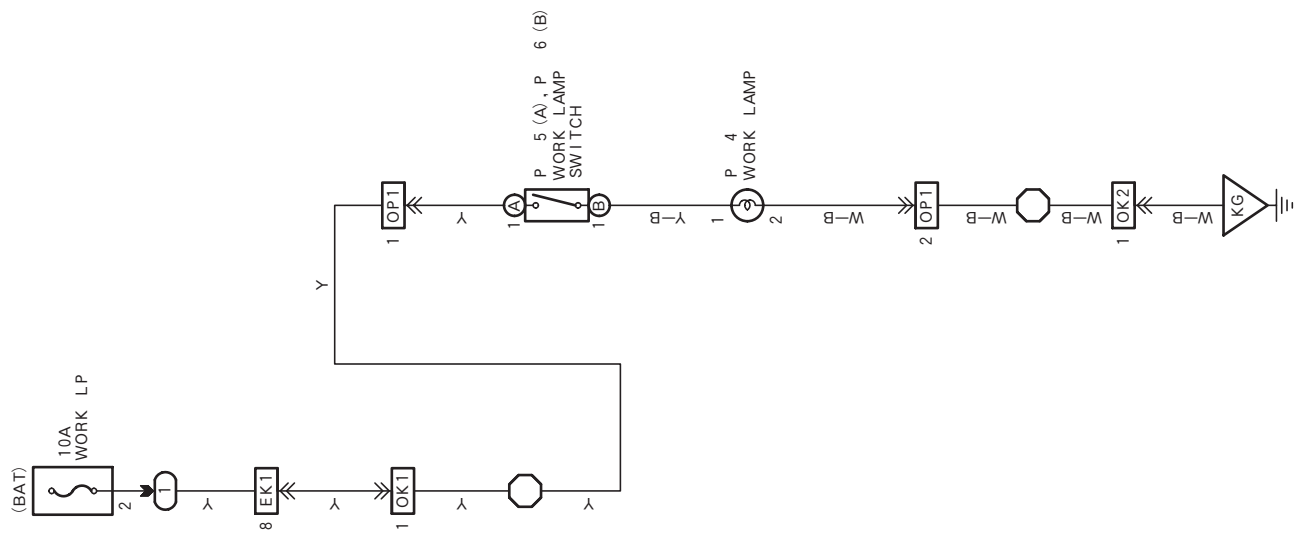
WIRE TO WIRE

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



 REAR WORKING LAMP

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

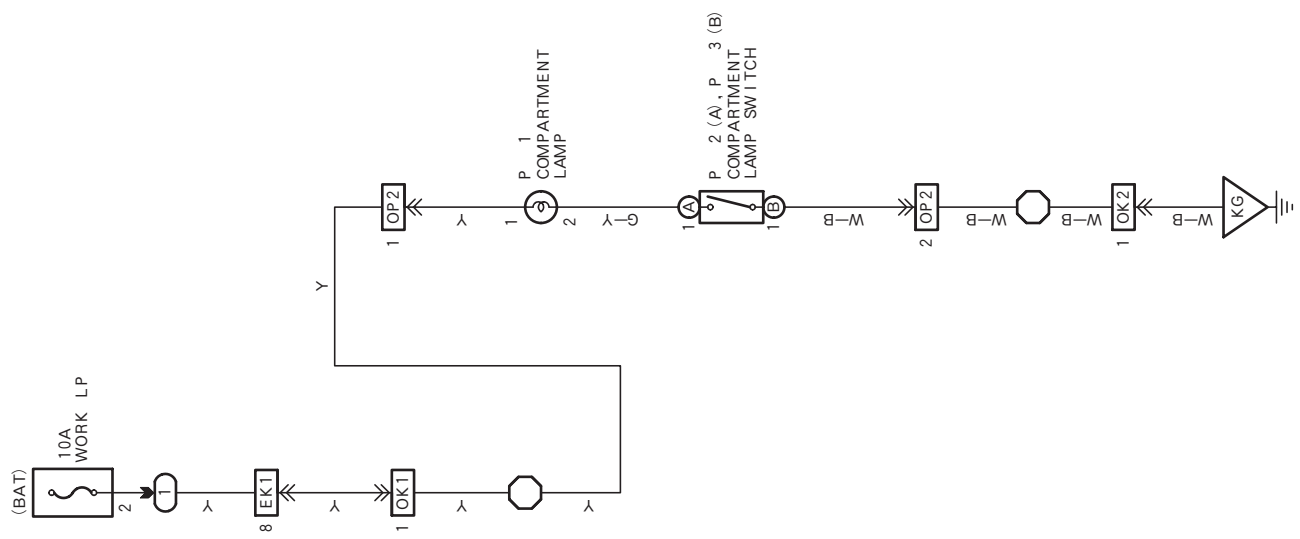
WIRE TO WIRE

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

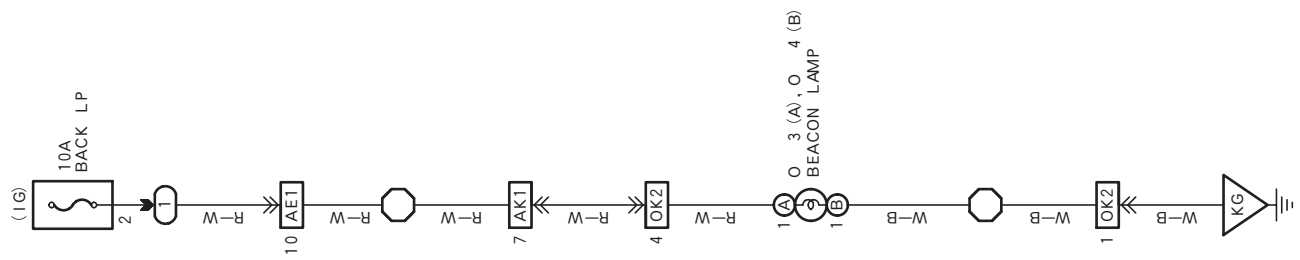
WIRE TO WIRE

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

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

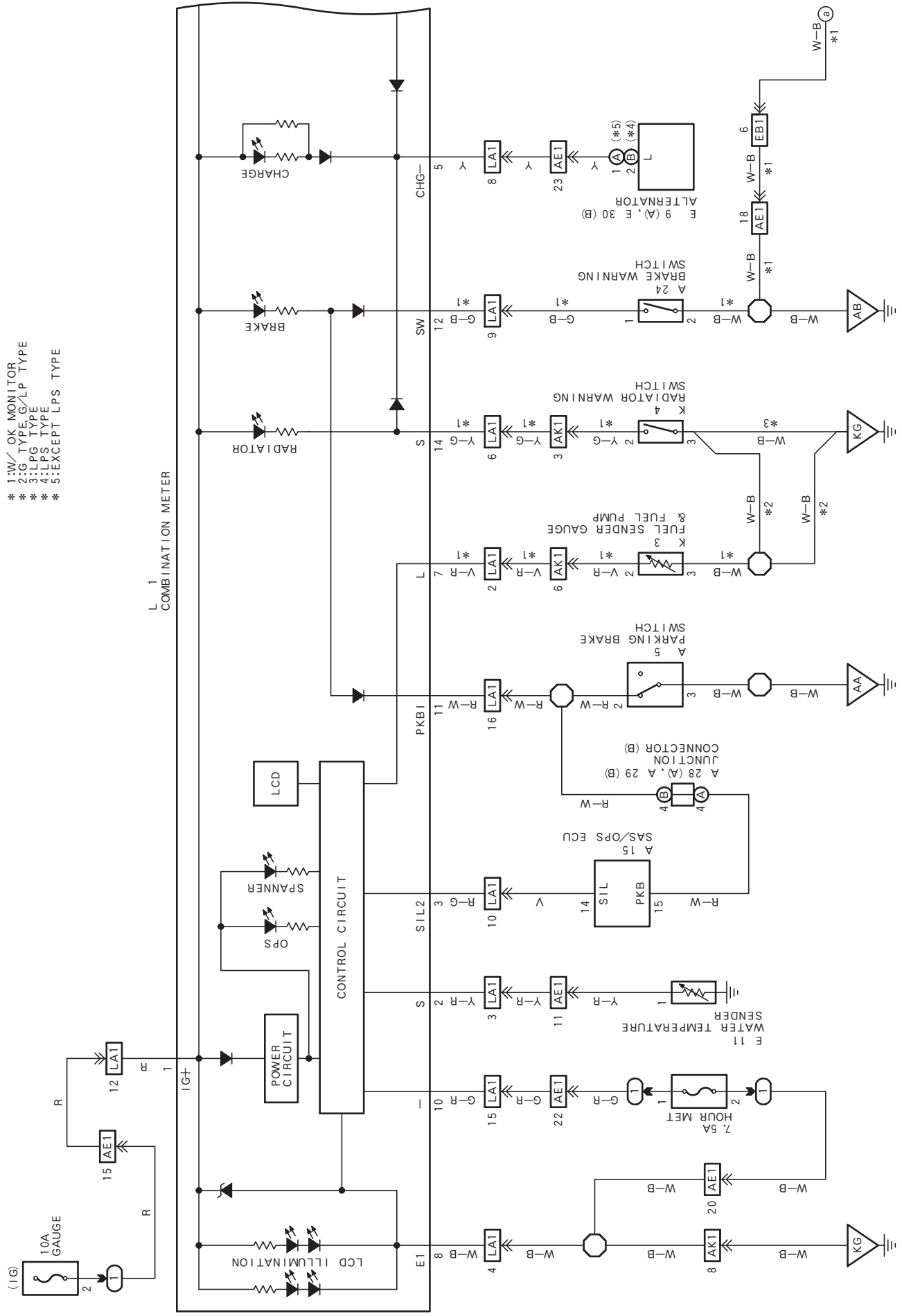
WIRE TO WIRE

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

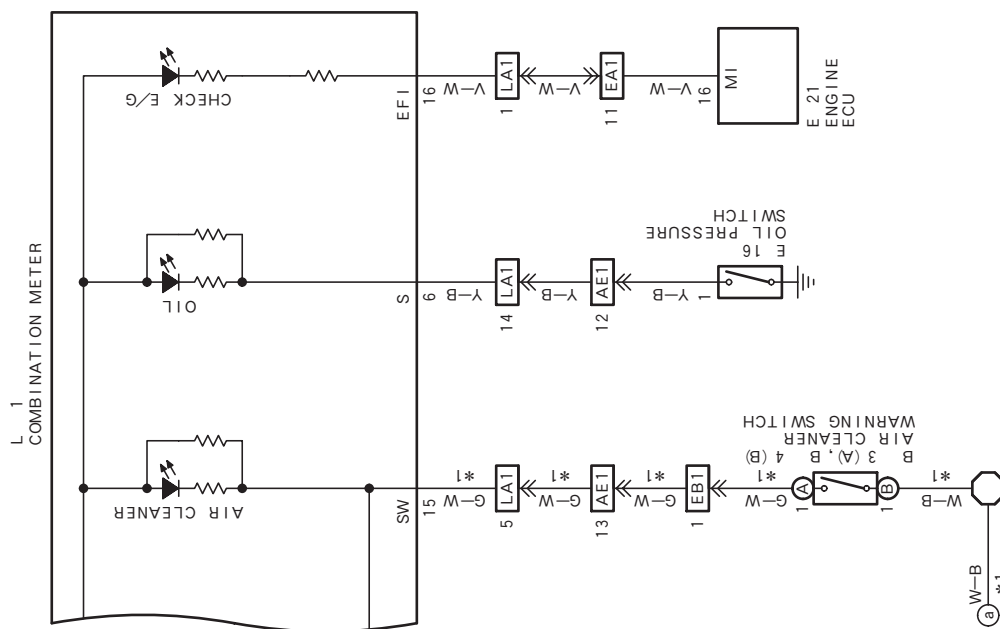
Code	See Page	Name
KG	E8-10	REAR PILLER LEFT UNDER EARTH

COMBINATION METER



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

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

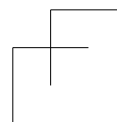
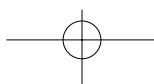
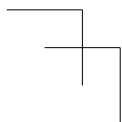
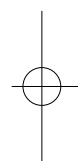
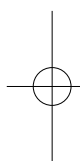
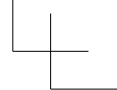
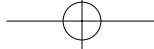
WIRE TO WIRE

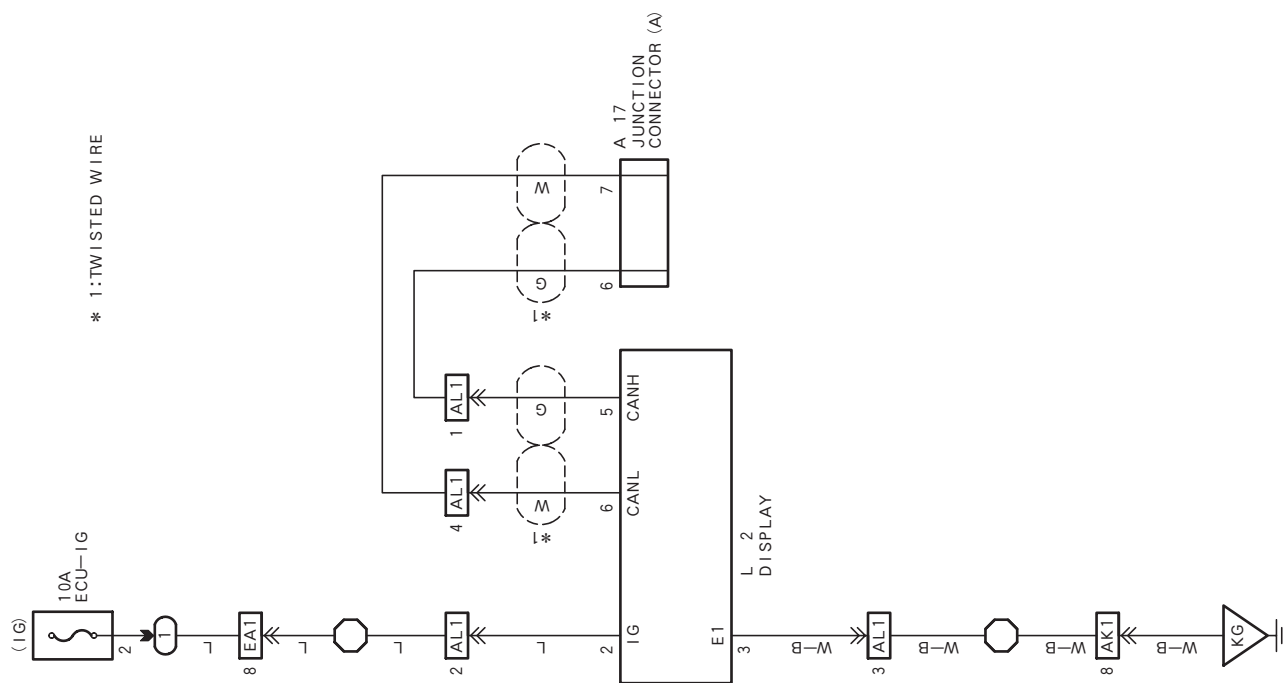
Code	See Page	Joining Wire Harness and Wire Harness
AE1	E8-6	BODY MAIN WIRE to ENGINE WIRE
AK1	E8-6	BODY MAIN WIRE to SIDE LH WIRE
EA1	E8-6	ENGINE WIRE to BODY MAIN WIRE
EB1	E8-6	ENGINE WIRE to SIDE RH WIRE
LA1	E8-4	INSTRUMENT PANEL WIRE to BODY MAIN WIRE

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





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 & REAR HORN SWITCH

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

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

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

BACK UP LAMP BUZZER & SMART ALARM

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

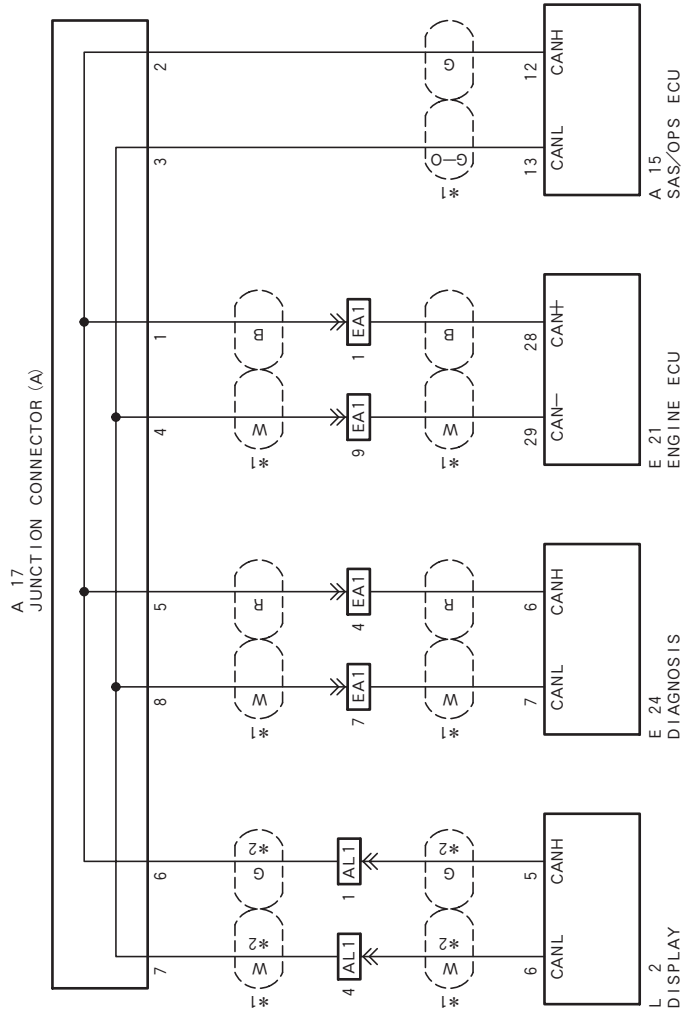
WIRE TO WIRE

Code	See Page	Joining Wire Harness and Wire Harness
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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

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



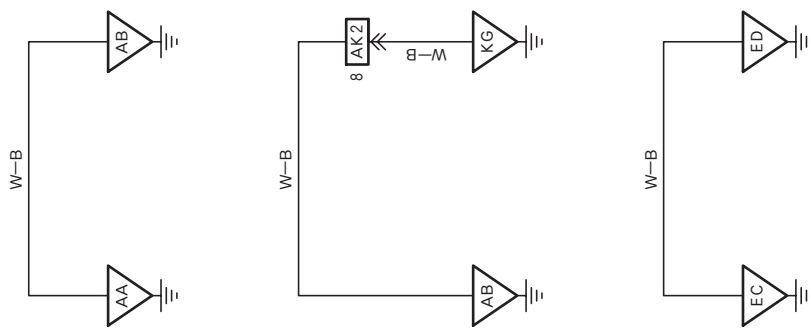
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PARTS

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



EARTH TO EARTH

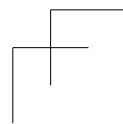
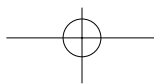
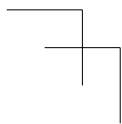
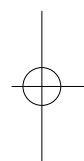
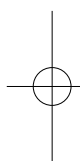
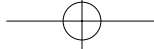
WIRE TO WIRE

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

EARTH

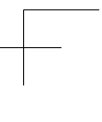
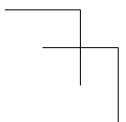
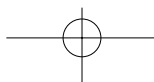
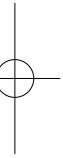
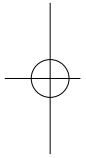
Code	See Page	Name
AA	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
AB	E8-6	FRONT PLATE LEFT OUTSIDE EARTH
EC	E8-2	ENGINE UPPER EARTH
ED	E8-2	ENGINE UPPER EARTH
KG	E8-10	REAR PILLER LEFT UNDER EARTH

MEMO



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
		EZ PEDAL	E9-16
		HEAD LAMP	E9-42
		HORN & W/ REAR HORN SWITCH	E9-40
		POWER SHIFT TRANSMISSIN	E9-20
		SAS/OPS SYSTEM	E9-22
		STARTING	E9-6
		TURN SIGNAL LAMP	E9-44
AB	FRONT PLATE LEFT OUTSIDE EARTH	BACK UP LAMP BUZZER & SMART ALARM	E9-48
		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
		DIAG	E9-26
		ENGINE CONTROL	E9-8
		EZ PEDAL	E9-16
ED	ENGINE UPPER EARTH	LPG WARNING SYSTEM	E9-14
		STARTING	E9-6
		ENGINE CONTROL	E9-8
GE	REAR PILLER LEFT UNDER EARTH	LPG WARNING SYSTEM	E9-14
		POWER SOURCE	E9-2
HF	FRONT PLATE LEFT INSIDE EARTH	STARTING	E9-6
		STARTING	E9-6
KG	REAR PILLER LEFT UNDER EARTH	BACK UP LAMP BUZZER & SMART ALARM	E9-48
		CLEARANCE LAMP	E9-46
		COMBINATION METER	E9-34
		COMPARTMENT LAMP	E9-30
		DIAG	E9-26
		ENGINE CONTROL	E9-8
		EZ PEDAL	E9-16
		HORN & W/ REAR HORN SWITCH	E9-40
		MULTI DISPLAY	E9-38
		REAR WORKING LAMP	E9-28
		SAS/OPS SYSTEM	E9-22
		STOP LAMP	E9-50
		STROBE LIGHT	E9-32
TURN SIGNAL LAMP	E9-44		

CHAPTER 11 FUSES FOR POWER SUPPLY

E11

FUSES FOR POWER SUPPLY

FUSIBLE LINK BLOCK ASSY

FUSE		SYSTEM NAME	PAGE
100A	ALT	CHARGING	E9-4

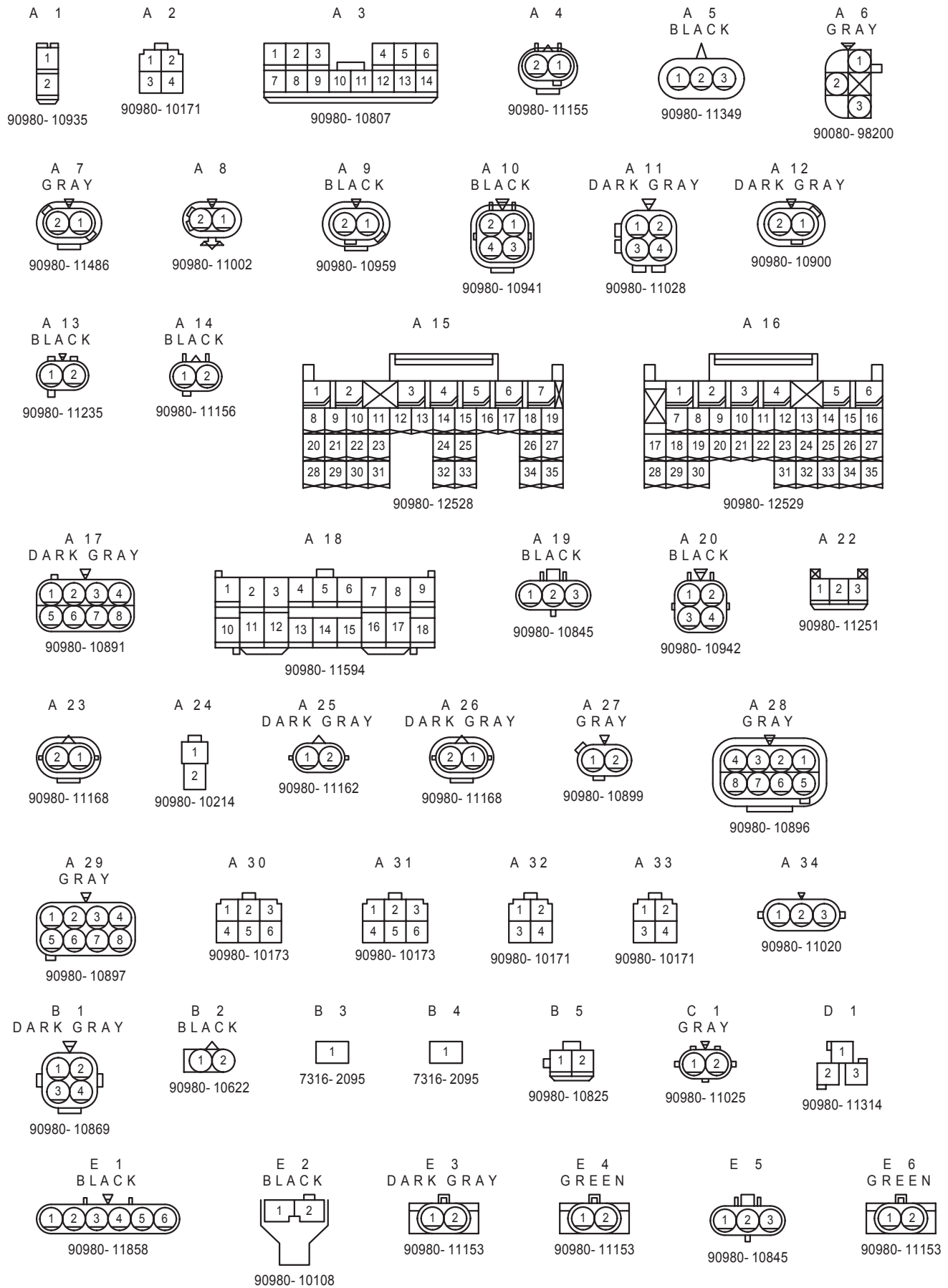
ENGINE ROOM R/B

FUSE		SYSTEM NAME	PAGE
7.5A	ALT-S	CHARGING	E9-4
7.5A	ECU-B	SAS/OPS SYSTEM	E9-22
7.5A	HORN	HORN & W/ REAR HORN SWITCH	E9-40
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
		STOP LAMP	E9-50
7.5A	TAIL	CLEARANCE LAMP	E9-46
7.5A	TURN	TURN SIGNAL LAMP	E9-44
10A	BACK LP	BACK UP LAMP BUZZER & SMART ALARM	E9-48
		EZ PEDAL	E9-16
		STROBE LIGHT	E9-32
10A	ECU-IG	DIAG	E9-26
		MULTI DISPLAY	E9-38
		SAS/OPS SYSTEM	E9-22
10A	GAUGE	CHARGING	E9-4
		COMBINATION METER	E9-34
		ENGINE CONTROL	E9-8
		SAS/OPS SYSTEM	E9-22
10A	WORK LP	COMPARTMENT LAMP	E9-30
		REAR WORKING LAMP	E9-28
15A	EFI	ENGINE CONTROL	E9-8
		LPG WARNING SYSTEM	E9-14
15A	E-THRO	ENGINE CONTROL	E9-8
15A	HEAD	HEAD LAMP	E9-42
15A	IGN	ENGINE CONTROL	E9-8
		LPG WARNING SYSTEM	E9-14
30A	STA	STARTING	E9-6

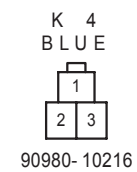
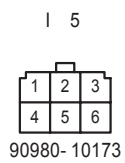
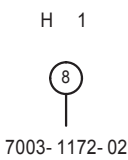
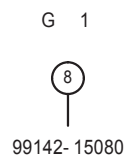
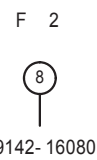
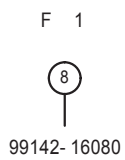
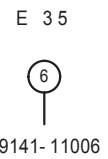
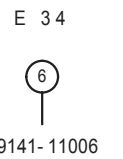
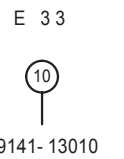
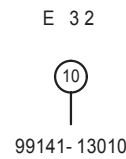
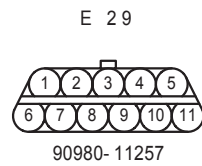
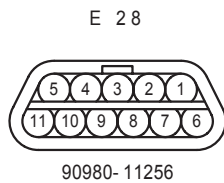
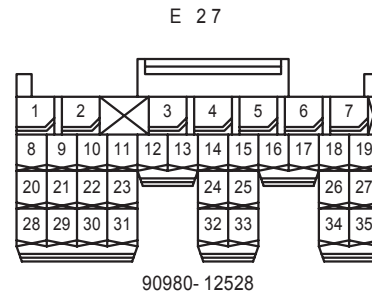
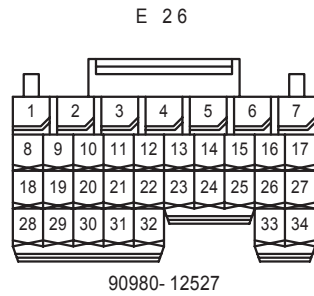
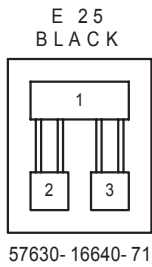
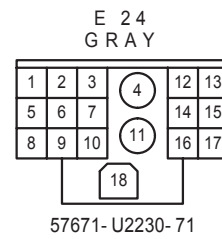
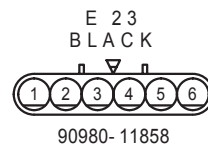
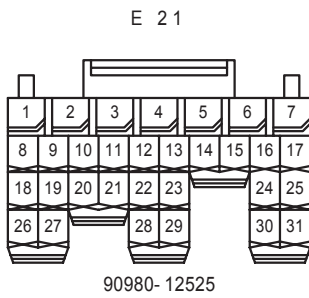
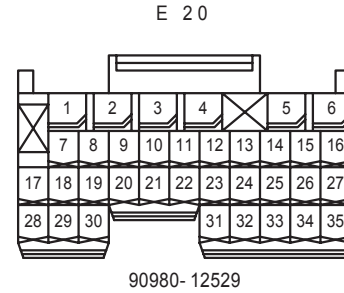
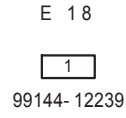
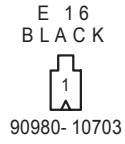
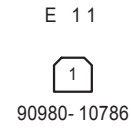
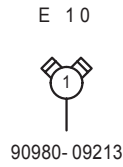
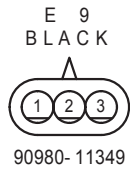
CHAPTER 12 CONNECTOR LIST

CONNECTOR LIST	
PARTS CONNECTOR	E12-2
WIRE TO WIRE	
WIRE TO WIRE	E12-5

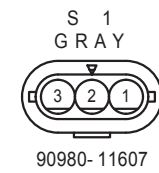
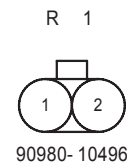
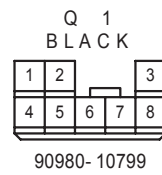
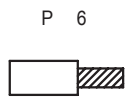
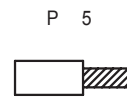
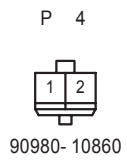
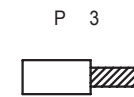
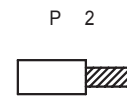
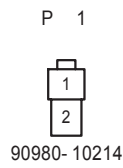
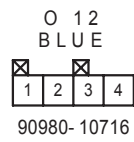
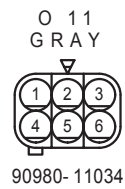
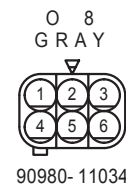
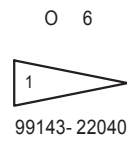
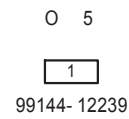
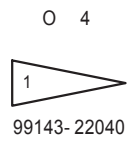
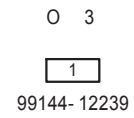
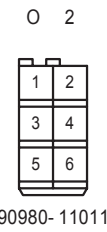
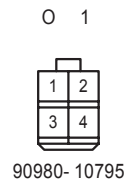
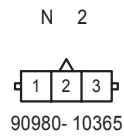
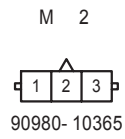
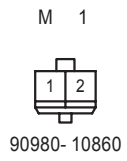
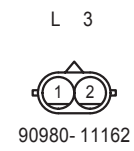
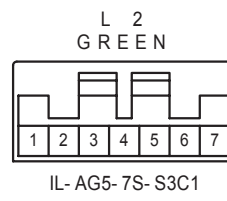
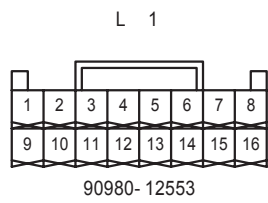
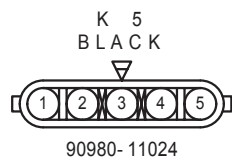
CONNECTOR LIST



CONNECTOR LIST



CONNECTOR LIST



WIRE TO WIRE

