

ELECTRICAL SYSTEM

SECTION **EL**

MODIFICATION NOTICE:

- Wiring diagram has been changed.

CONTENTS

PRECAUTIONS	2	Wiring Diagram — WARN —/RHD Models With Tachometer.....	31
Supplemental Restraint System (SRS) “AIR BAG” and “SEAT BELT PRE-TENSIONER”	2	Wiring Diagram — WARN —/Without Tachometer	35
POWER SUPPLY ROUTING	4	WARNING BUZZER	39
Schematic	4	Wiring Diagram — BUZZER —/LHD Models	39
Wiring Diagram — POWER —	6	HORN	40
STOP LAMP	15	Wiring Diagram — HORN —	40
Wiring Diagram — STOP/L —/Sedan Models	15	AUDIO	41
Wiring Diagram — STOP/L —/Hatchback Models.....	16	Wiring Diagram — AUDIO —/LHD Models	41
TURN SIGNAL AND HAZARD WARNING LAMPS	17	POWER DOOR LOCK/For Europe and Australia	43
Schematic	17	Schematic	43
Wiring Diagram — TURN —/LHD Models	18	Wiring Diagram — D/LOCK —/LHD Models	44
INTERIOR ROOM LAMP — Without Timer —	22	LOCATION OF ELECTRICAL UNITS	47
Wiring Diagram — ROOM/L —	22	Passenger Compartment/LHD Models	47
METER AND GAUGES	23	Passenger Compartment/RHD Models	48
Wiring Diagram — METER —/LHD Models With Tachometer.....	23	HARNESS LAYOUT	49
Wiring Diagram — METER —/LHD Models Without Tachometer.....	25	Engine Room Harness/RHD Models	49
WARNING LAMPS	26	Main Harness/LHD Models	50
Schematic	26	Main Harness/RHD Models	52
Wiring Diagram — WARN —/LHD Models With Tachometer.....	27	Body Harness/LHD Models	54
		Body Harness/RHD Models.....	60

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PRECAUTIONS

Supplemental Restraint System (SRS) “AIR BAG” and “SEAT BELT PRE-TENSIONER”

The Supplemental Restraint System such as “AIR BAG” and “SEAT BELT PRE-TENSIONER” used along with a seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. The SRS system composition which is available to NISSAN MODEL N15 is as follows (The composition varies according to the destination and optional equipment.):

- For a frontal collision
The Supplemental Restraint System consists of driver air bag module (located in the center of the steering wheel), front passenger air bag module (located on the instrument panel on passenger side), seat belt pre-tensioners, a diagnosis sensor unit, warning lamp, wiring harness and spiral cable.
- For a side collision
The Supplemental Restraint System consists of front side air bag module (located in the outer side of front seat), satellite sensor, diagnosis sensor unit (one of components of air bags for a frontal collision), wiring harness, warning lamp (one of components of air bags for a frontal collision).

Information necessary to service the system safely is included in the **RS section** of this Service Manual.

WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance should be performed by an authorized NISSAN dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the RS section.
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. Spiral cable and wiring harnesses covered with yellow insulation either just before the harness connectors or for the complete harness are related to the SRS.

PRECAUTIONS

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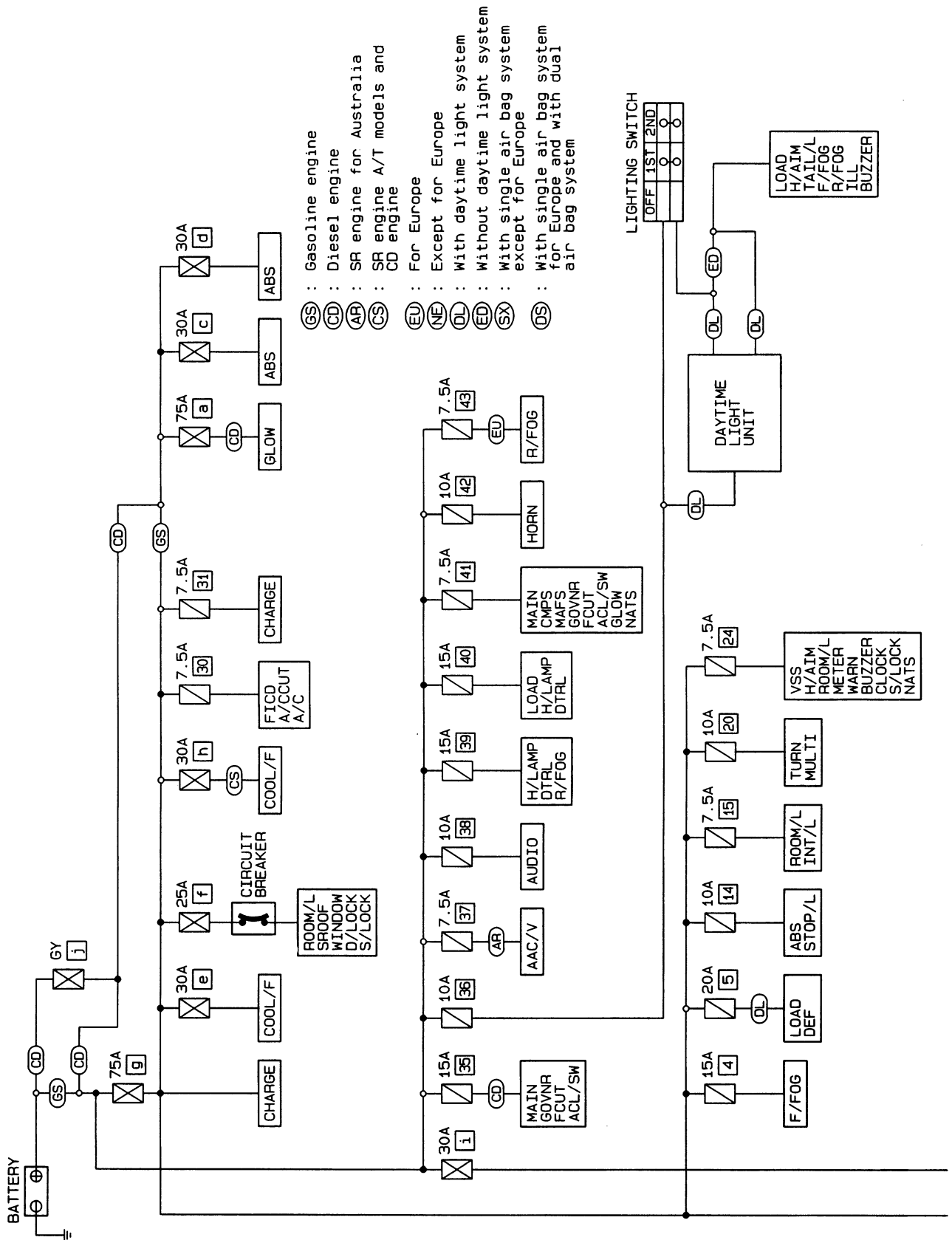
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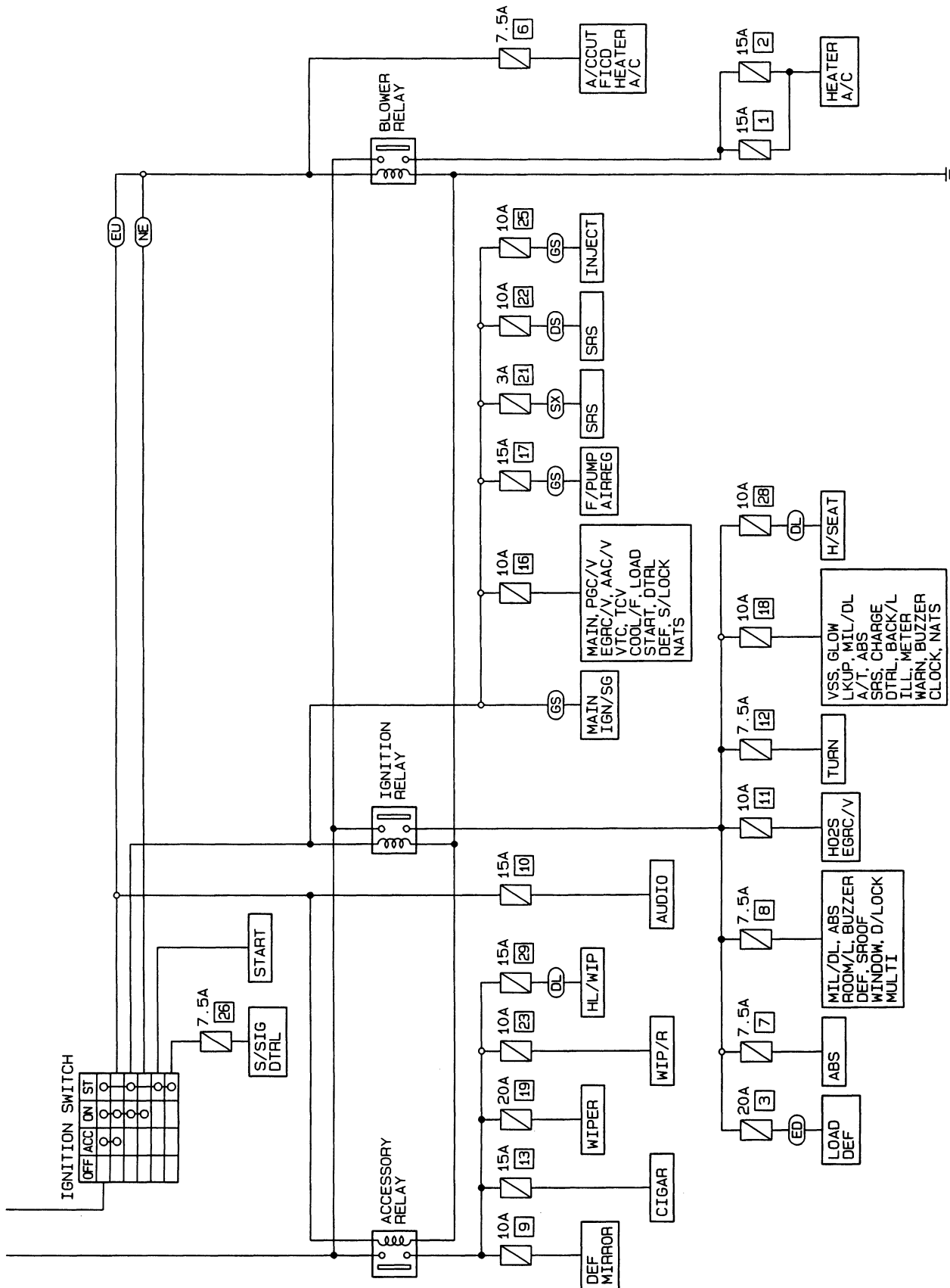
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POWER SUPPLY ROUTING

Schematic



POWER SUPPLY ROUTING Schematic (Cont'd)



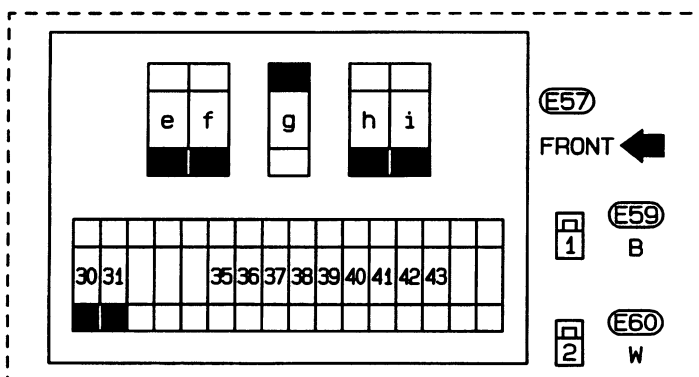
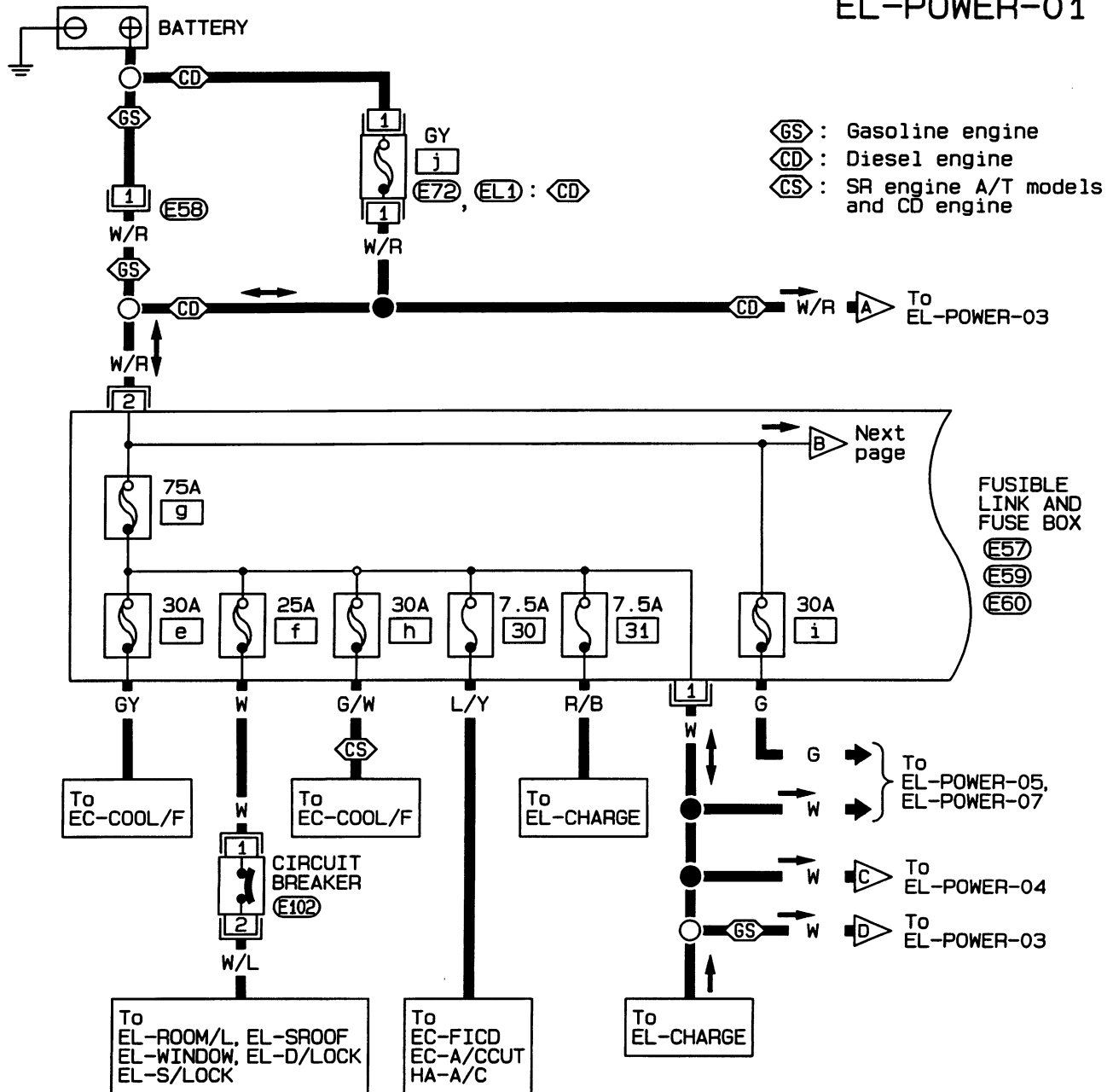
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POWER SUPPLY ROUTING

Wiring Diagram — POWER —

BATTERY POWER SUPPLY — IGNITION SW. IN ANY POSITION

EL-POWER-01






^{*}

1
2

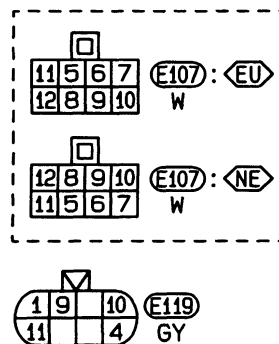
(E102)
W

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*: This connector is not shown
  in "HARNESS LAYOUT".

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EL-POWER-02



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(M15) (E106) (B7)

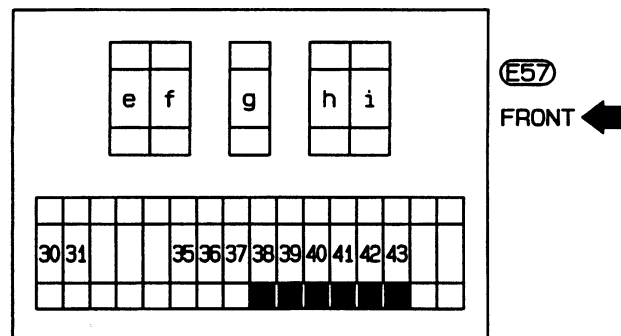
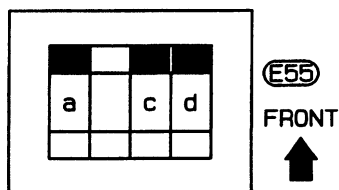
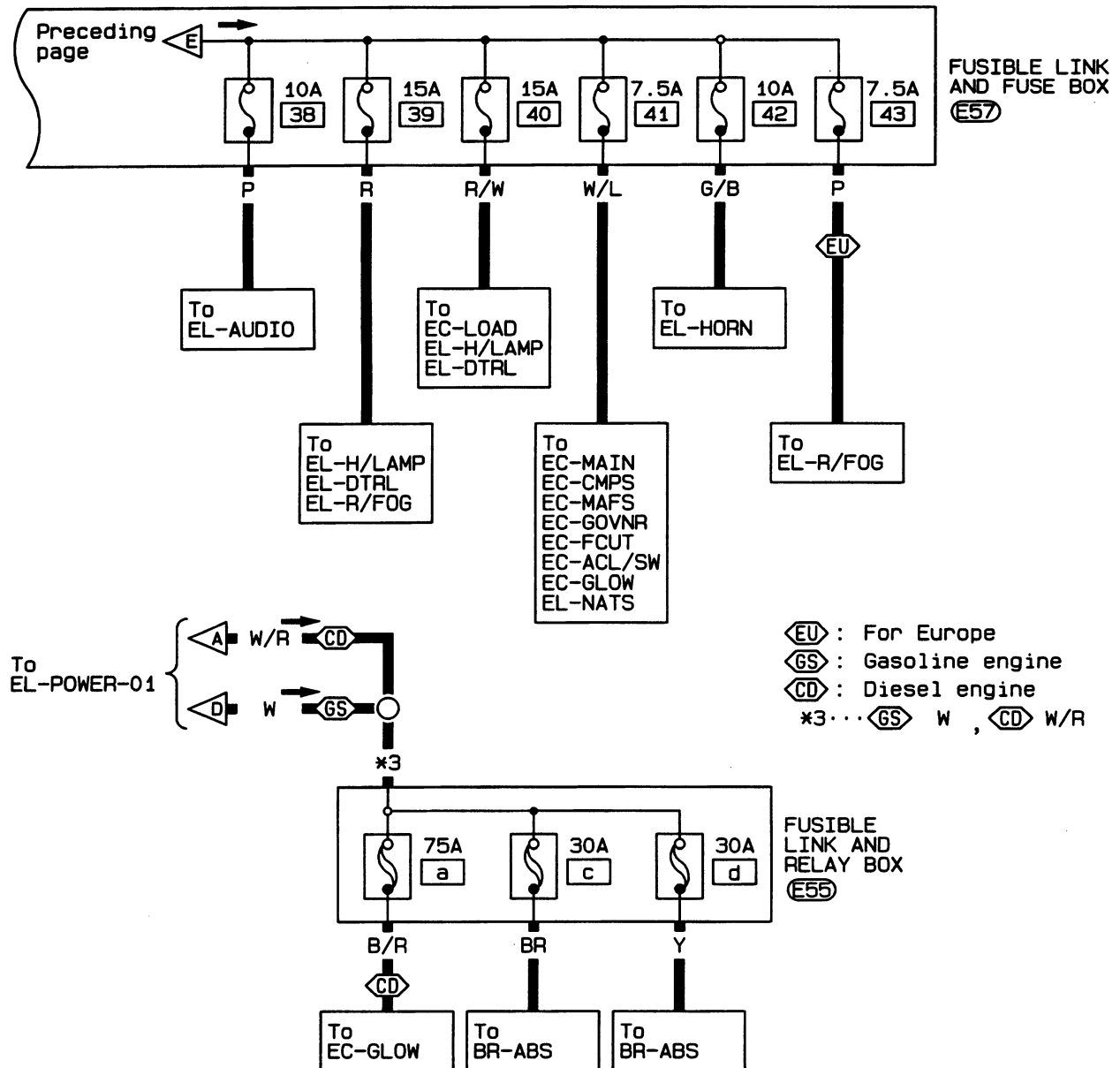
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POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

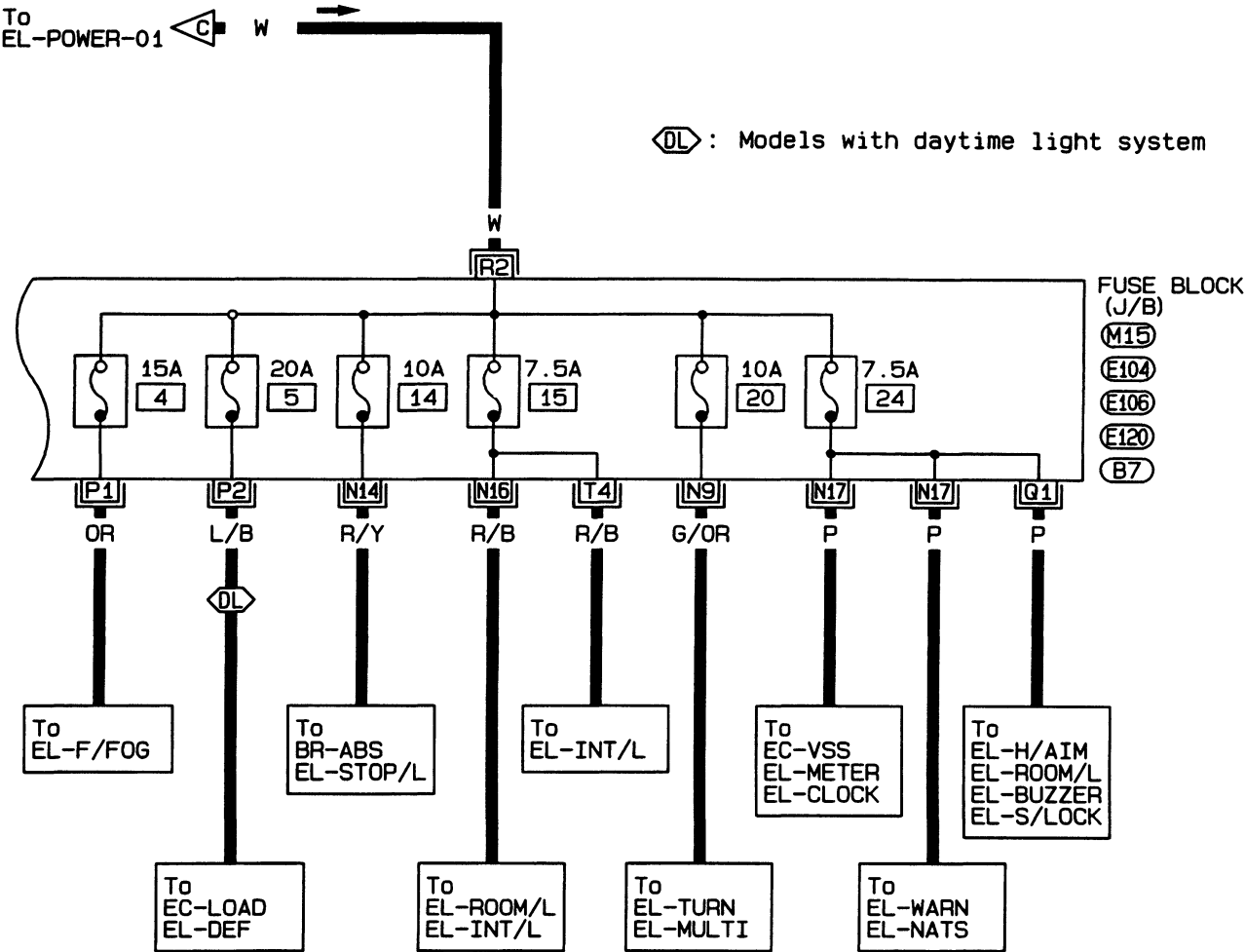
EL-POWER-03



POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

EL-POWER-04



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(M15), (E104), (E106), (E120),
(B7)

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23		
24	25	26		
	28	29		

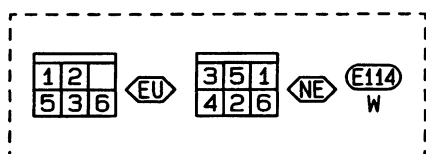
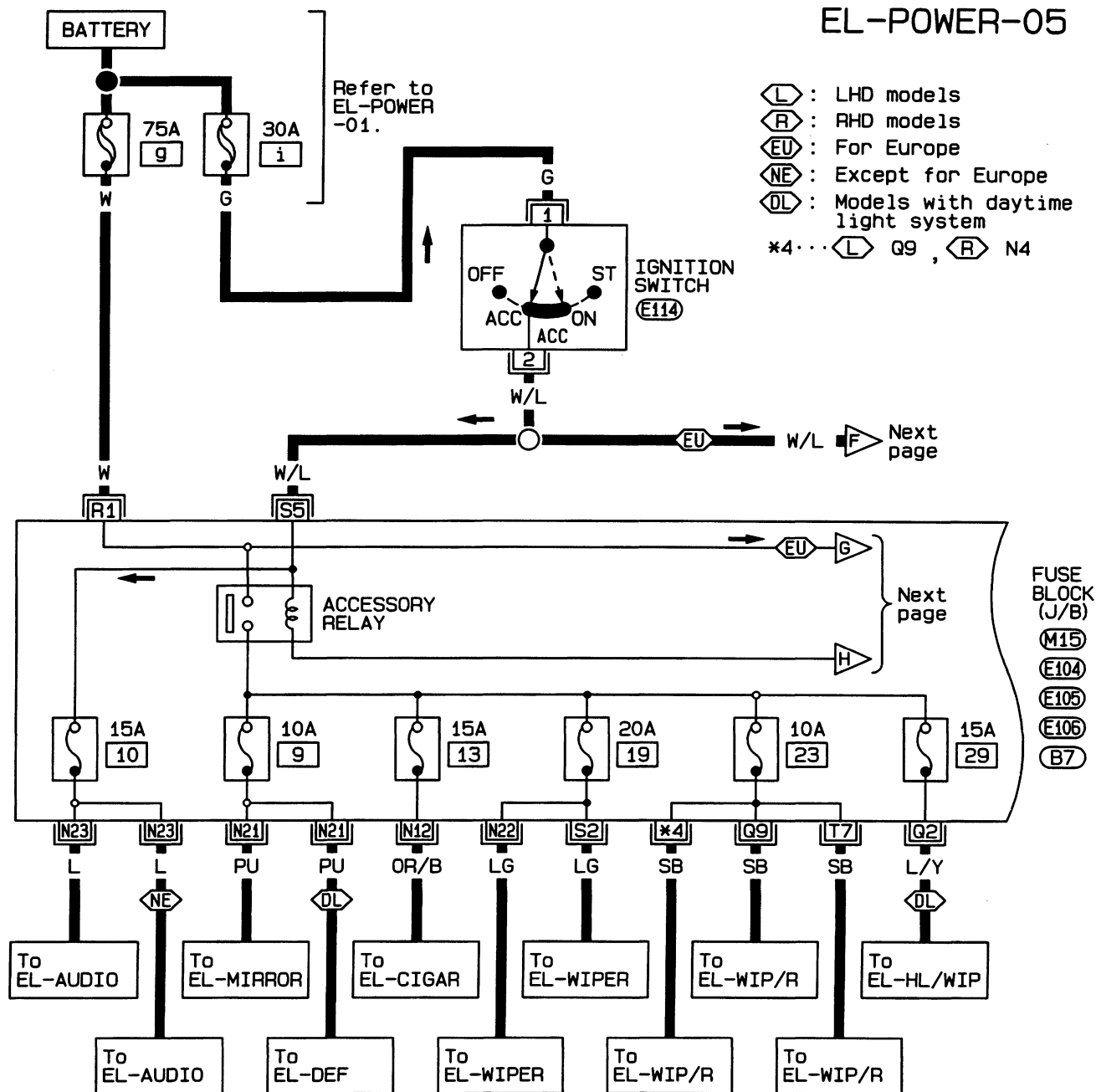
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POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

ACCESSORY POWER SUPPLY — IGNITION SW. IN "ACC" OR "ON"

EL-POWER-05

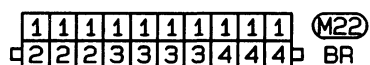


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M15, E104, E105, E106, B7

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23		
24	25	26		
	28	29		

EL-POWER-06



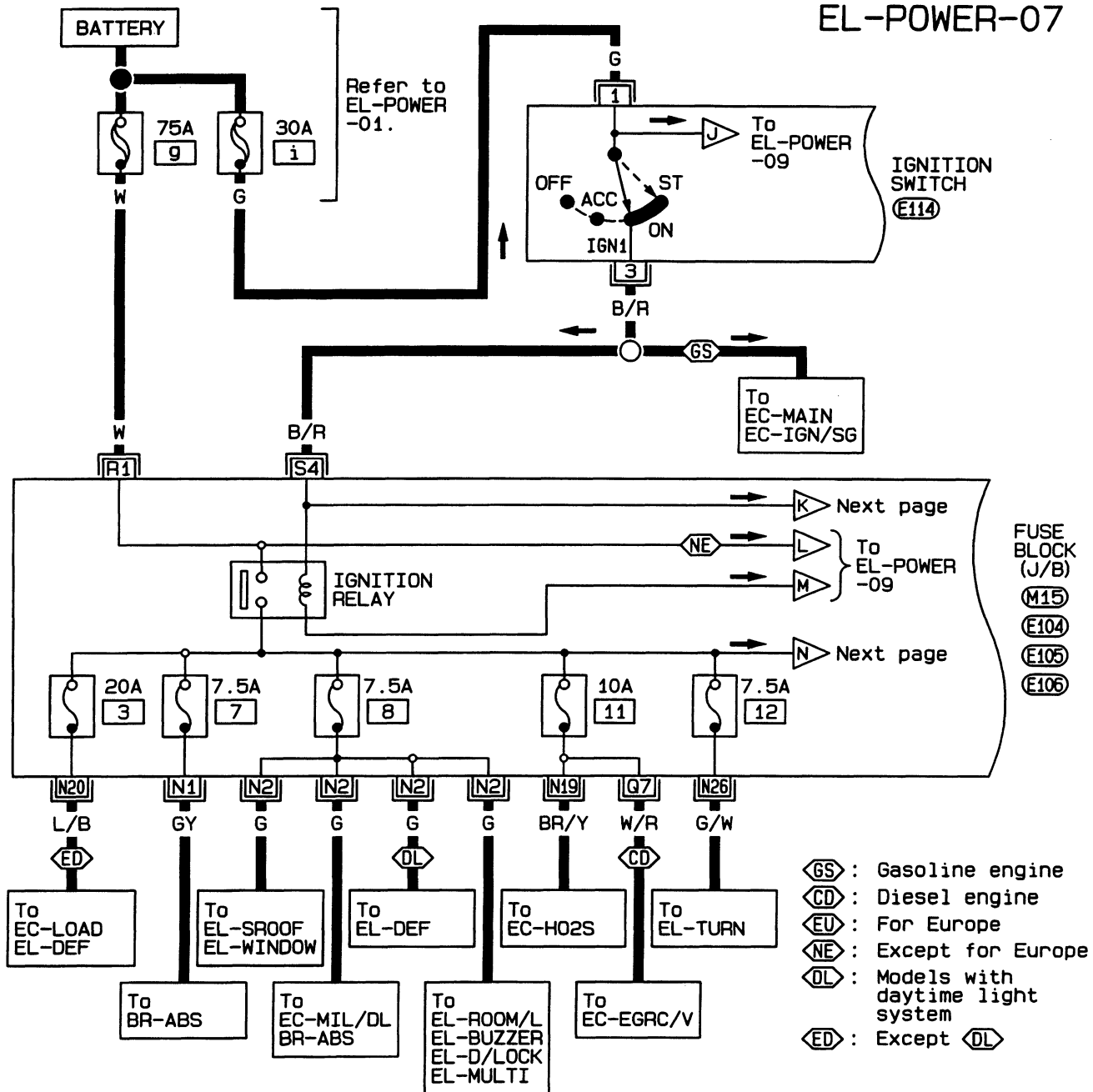
(M15), (E105), (E106)

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23		
24	25	26		
	28	29		

Wiring Diagram — POWER — (Cont'd)

IGNITION POWER SUPPLY — IGNITION SW. IN “ON” AND/OR “START”

EL-POWER-07



1	2	
5	3	6

⇨

3	5	1
4	2	6

⇨
E114
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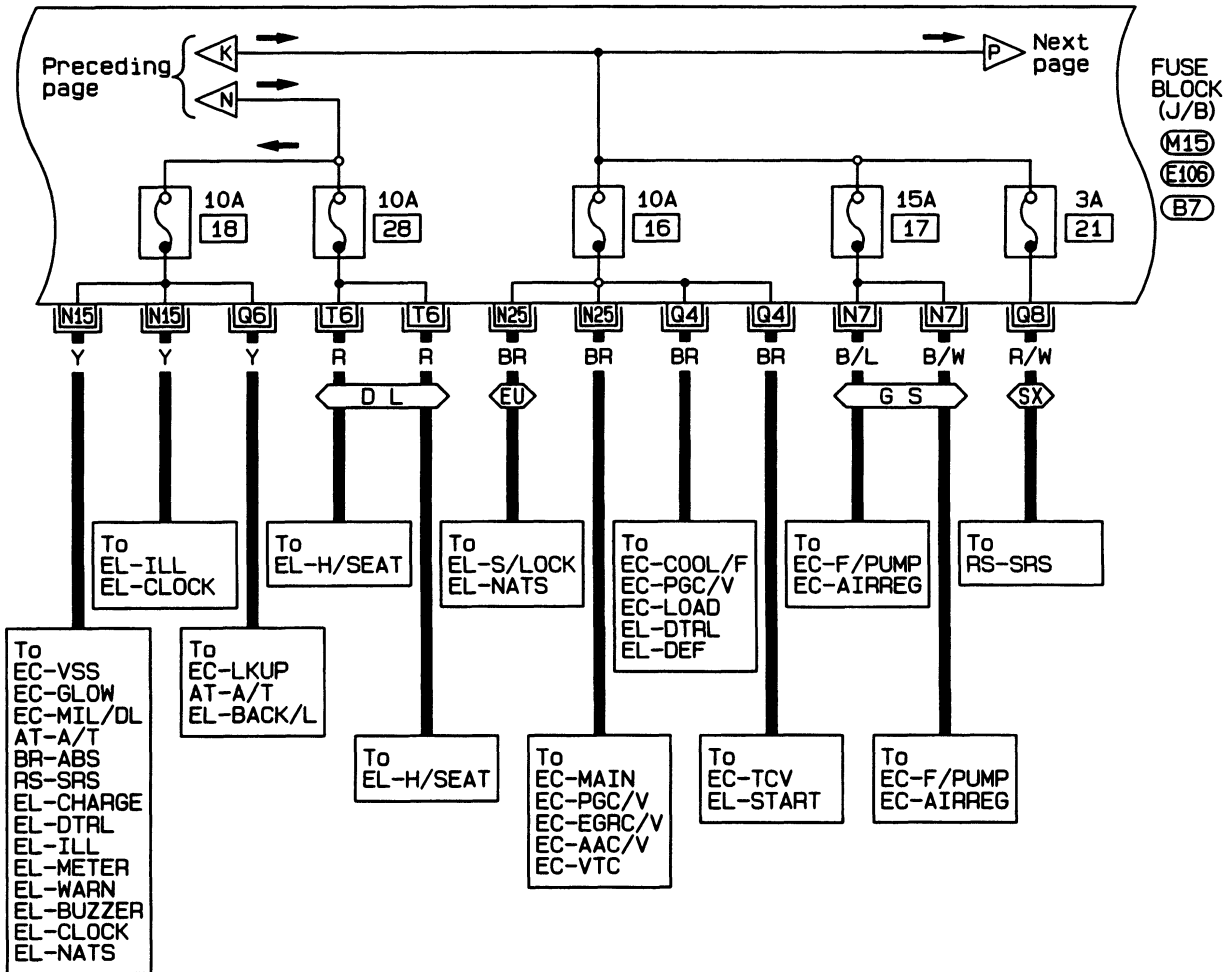
(M15), (E104), (E105), (E106)				
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23		
24	25	26		
	28	29		

POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

EL-POWER-08

- ⓖS : Gasoline engine
- ⓔU : For Europe
- ⓓL : Models with daytime light system
- ⓈX : Models with single air bag system except for Europe



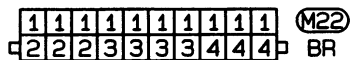
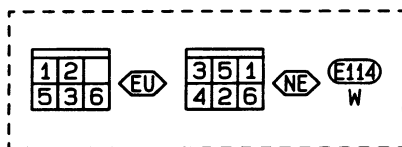
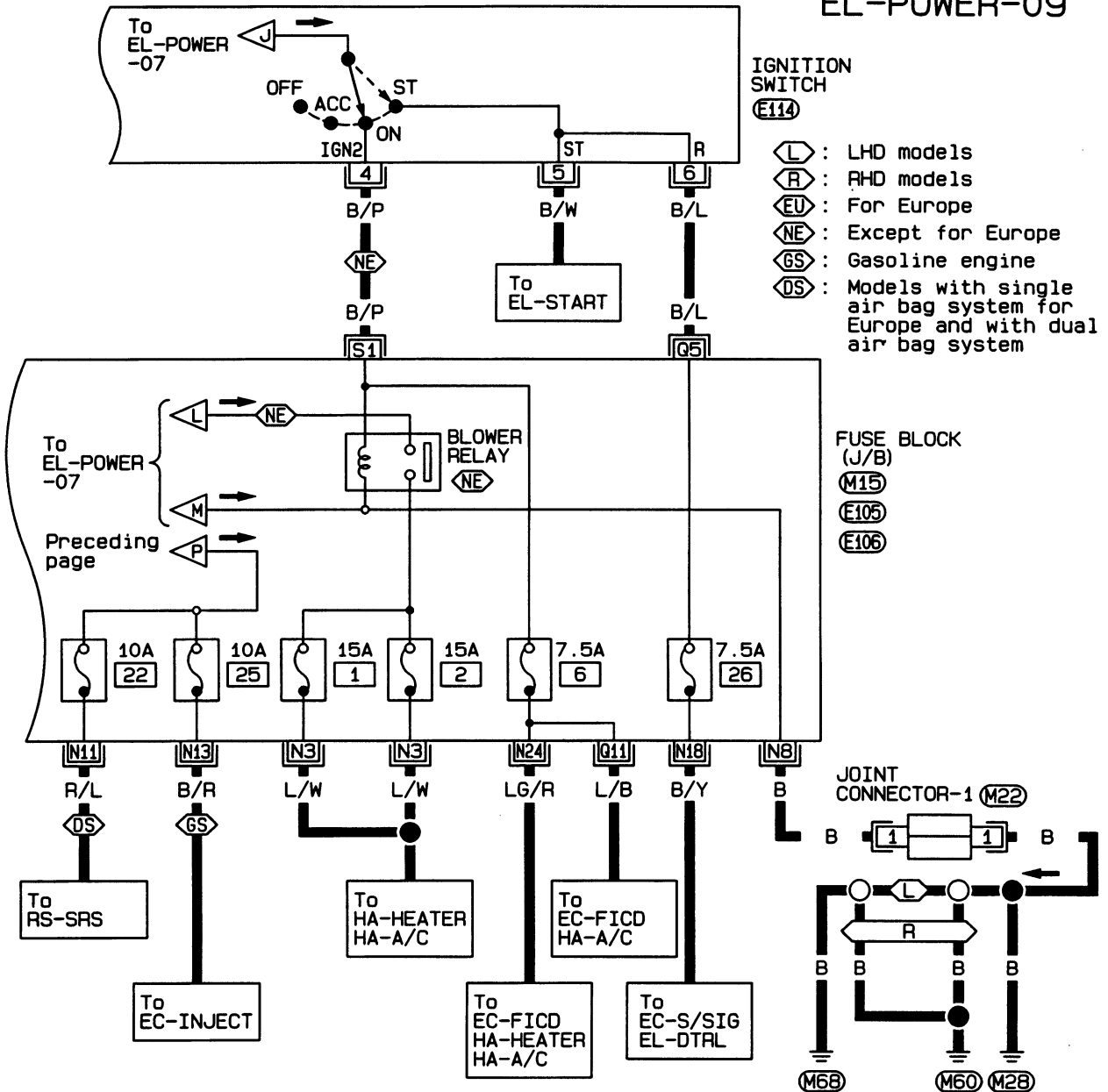
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M15, E106, B7				
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23		
24	25	26		
	28	29		

POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

EL-POWER-09



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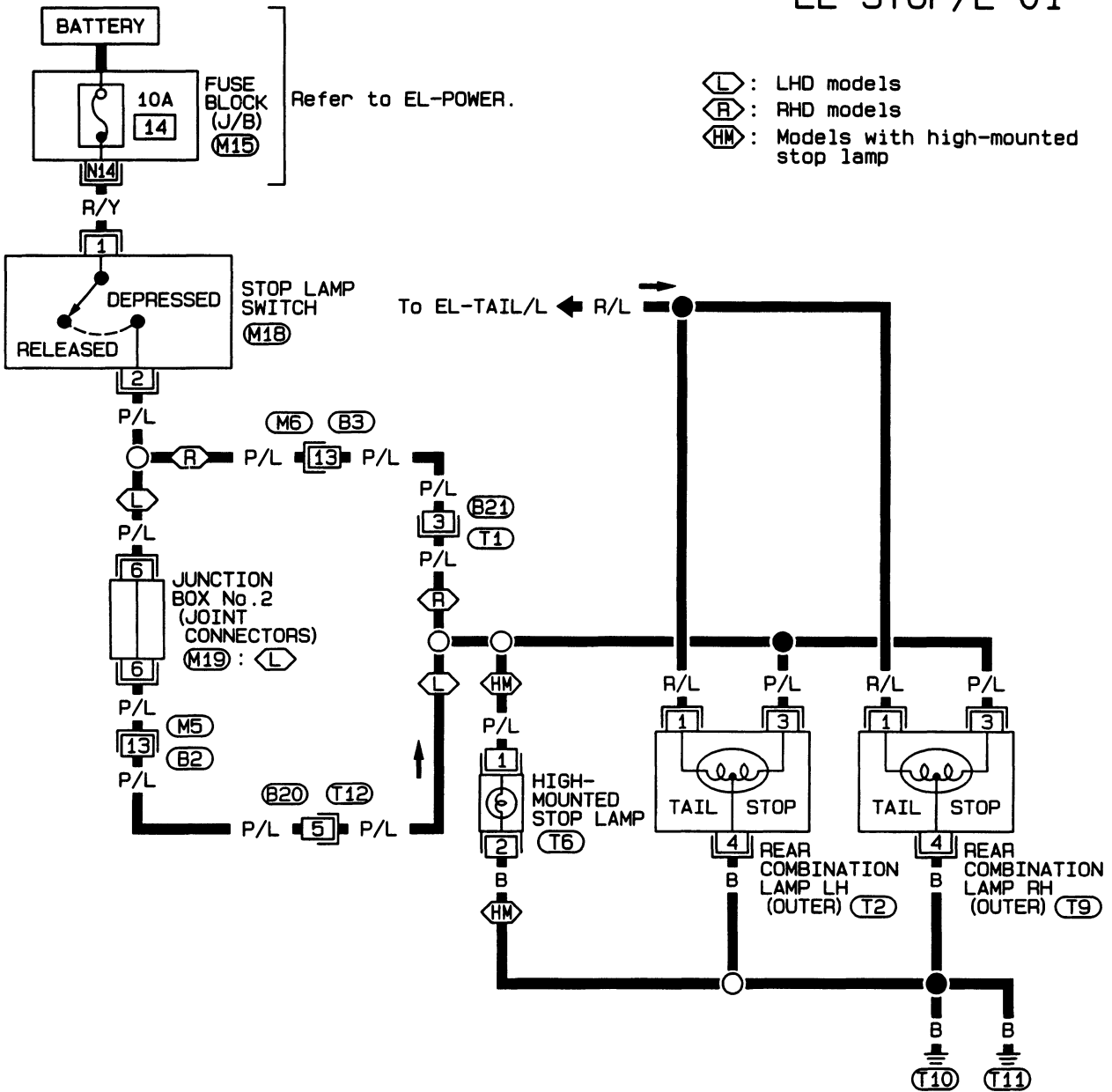
(M15), (E105), (E106)

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23		
24	25	26		
	28	29		

STOP LAMP

Wiring Diagram — STOP/L —/Sedan Models

EL-STOP/L-01



1	2	3	4	5	6	(M5)
7	8	9	10	11	12	W

1	2	3	4	5	6	7	8	(M6)
9	10	11	12	13	14	15	16	W

1	2	(M18)
		B

1	2	3	4	5	6	7	8	(T1)
								W

1	2	3	4	(T2)	(T9)	(T6)
				W	W	BR

1	2	3	4	(T12)
				W

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(M19)

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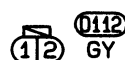
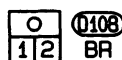
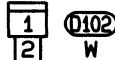
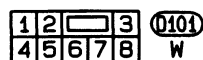
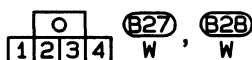
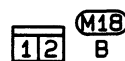
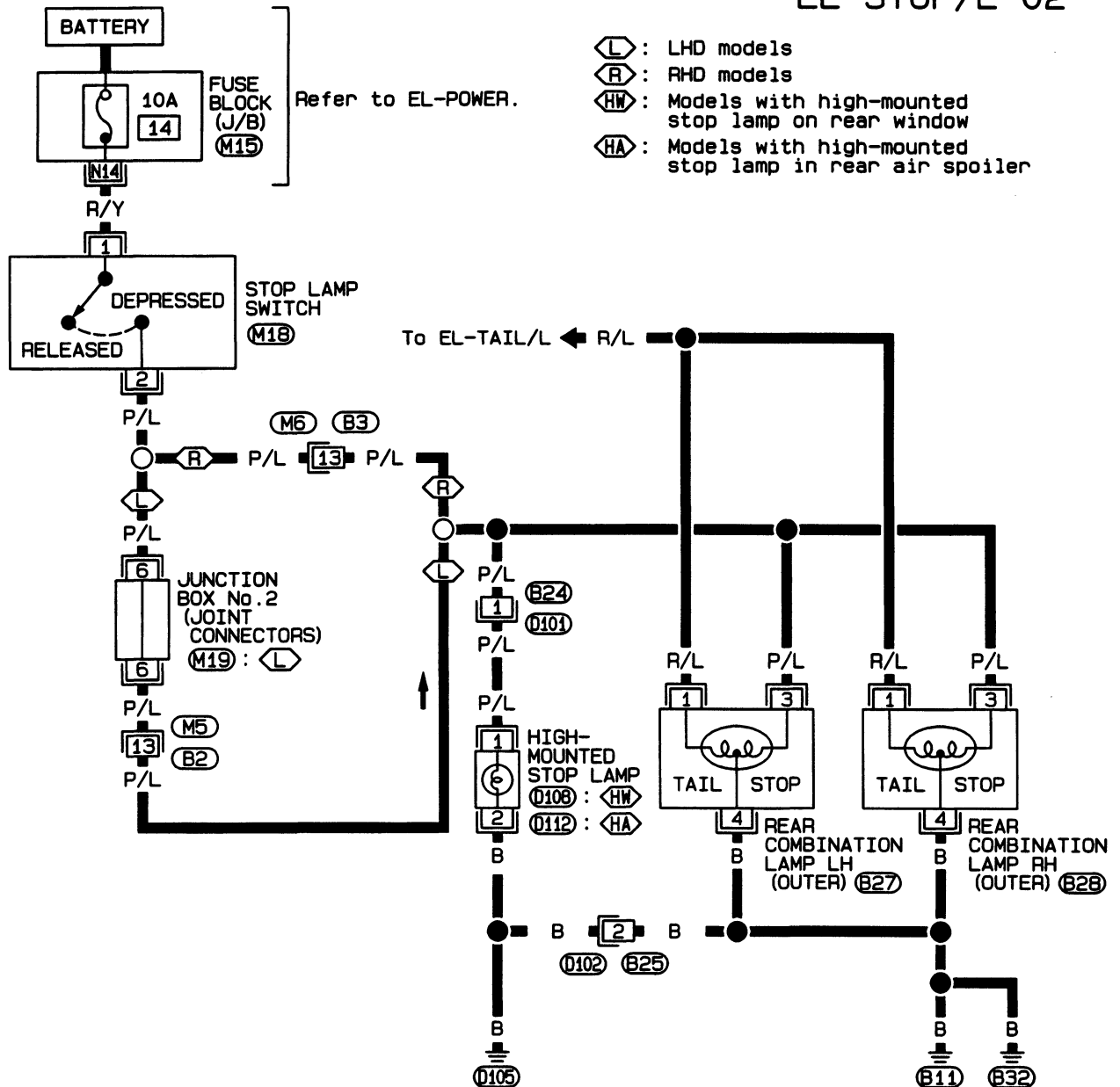
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STOP LAMP

Wiring Diagram — STOP/L —/Hatchback Models

EL-STOP/L-02



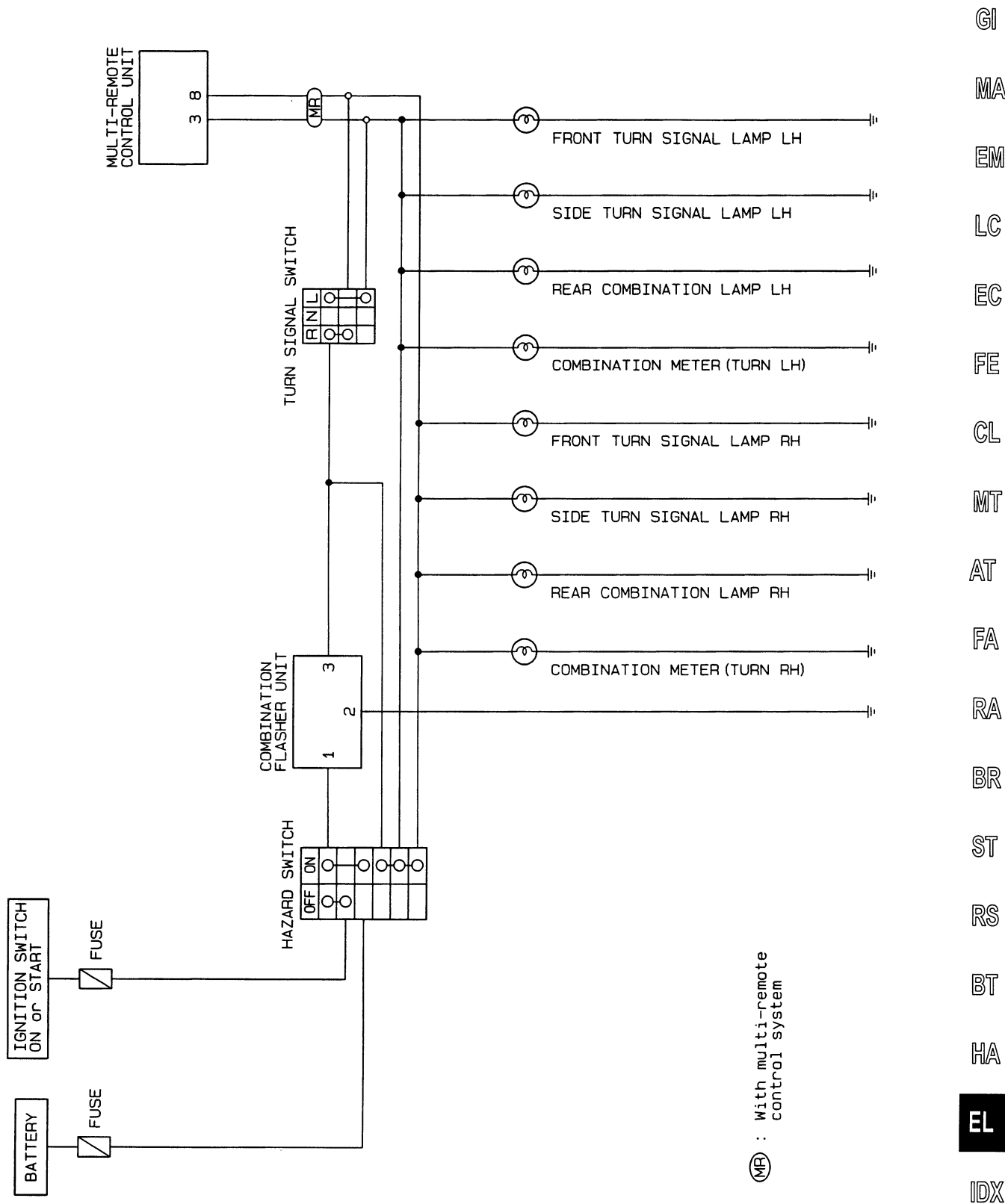
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TURN SIGNAL AND HAZARD WARNING LAMPS

Schematic

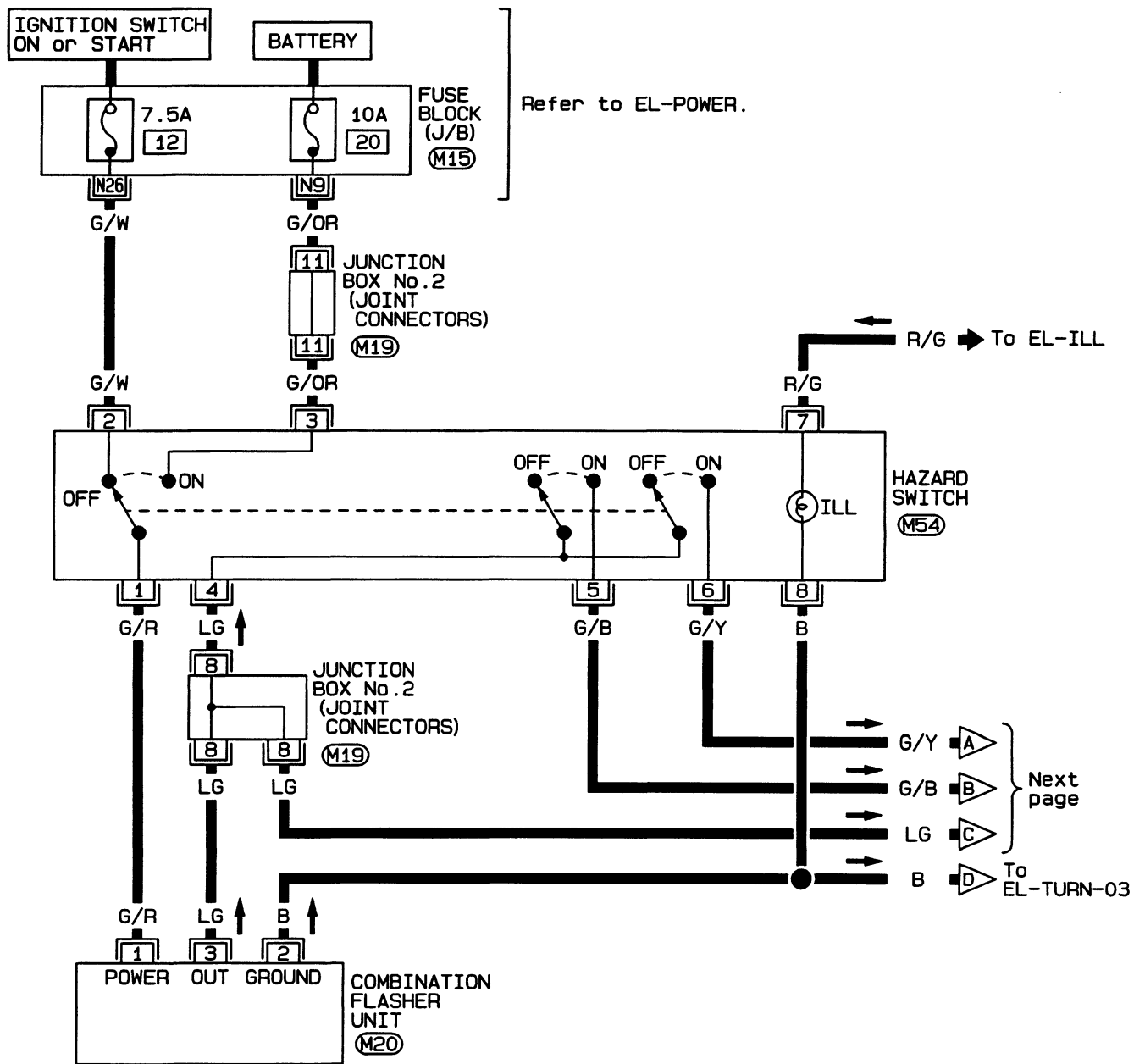


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TURN SIGNAL AND HAZARD WARNING LAMPS

Wiring Diagram — TURN —/LHD Models

EL-TURN-01



8	7	6	(M54)
5	4	2	1

W

1	2	(M20)
3		B

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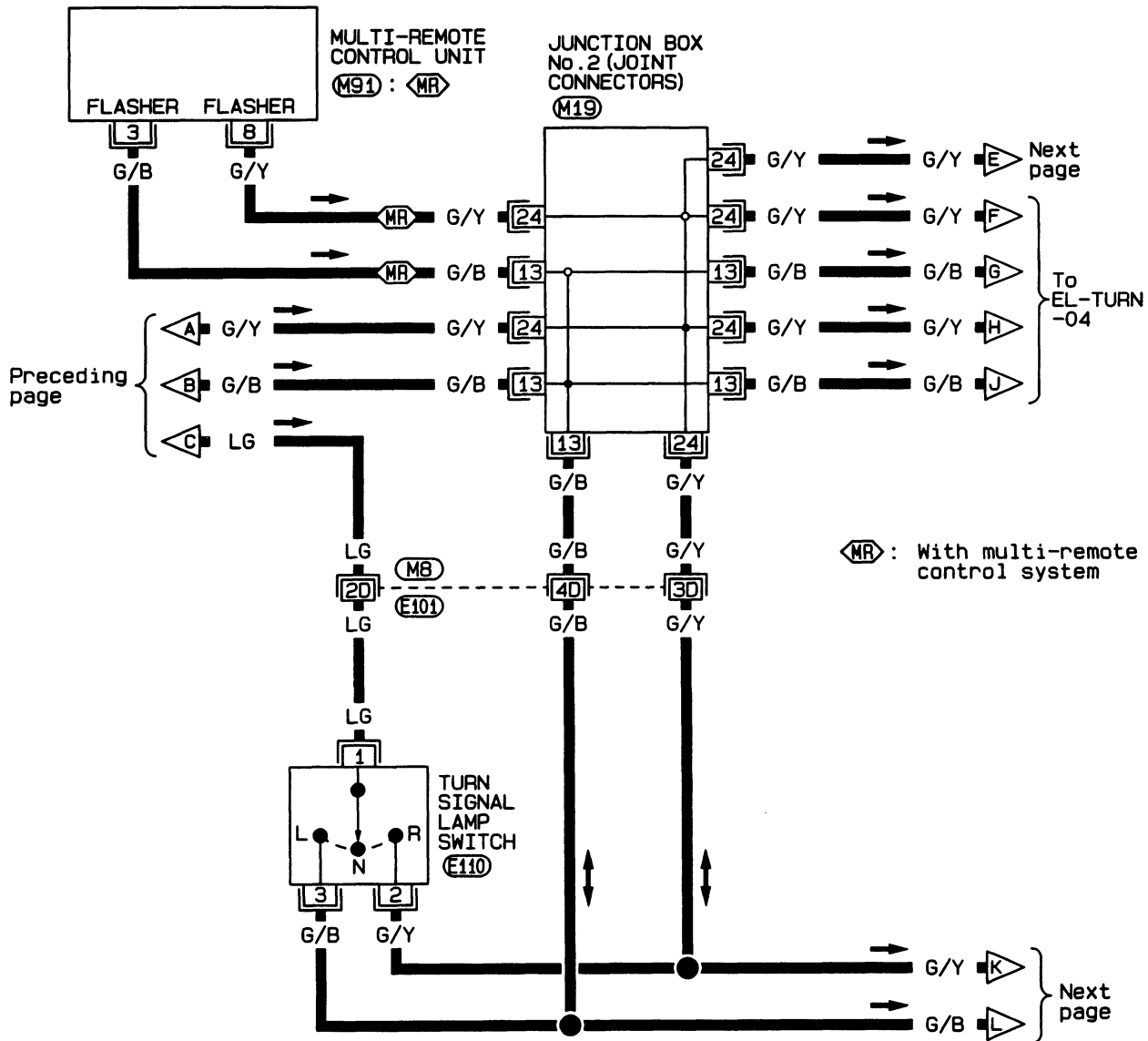
(M15)

(M19)

TURN SIGNAL AND HAZARD WARNING LAMPS

Wiring Diagram — TURN —/LHD Models (Cont'd)

EL-TURN-02



3	2	1	(M91)
8	7	6	BR

3	O	(E110)
3	1	W

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(M8), (E101)

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Wiring Diagram — TURN —/LHD Models (Cont'd)

To
 EL-TURN-01

Preceding page

D B
 E G/Y
 K G/Y
 L G/B

G/B
 2
 SIDE TURN SIGNAL LAMP LH
 1
 B
 E1

G/B
 1
 FRONT TURN SIGNAL LAMP LH
 2
 B
 E53

G/Y
 1
 FRONT TURN SIGNAL LAMP RH
 2
 B
 E32

G/Y
 2
 SIDE TURN SIGNAL LAMP RH
 1
 B
 BH : B108
 NB : MB1

BH
 NB
 BH
 B
 4
 B
 B113
 M69

B
 1
 1
 JOINT CONNECTOR -3
 1
 B
 B
 E51
 E37
 M28
 M68

NB : GA engine without dual air bag system and ABS
 BH : Except NB

1	2		3
4	5	6	7

B113

W

Wiring Diagram — TURN —/LHD Models (Cont'd)

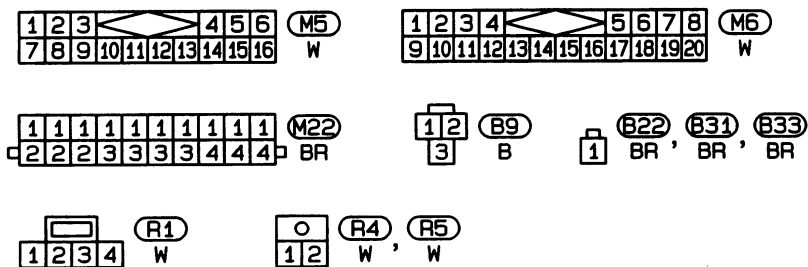
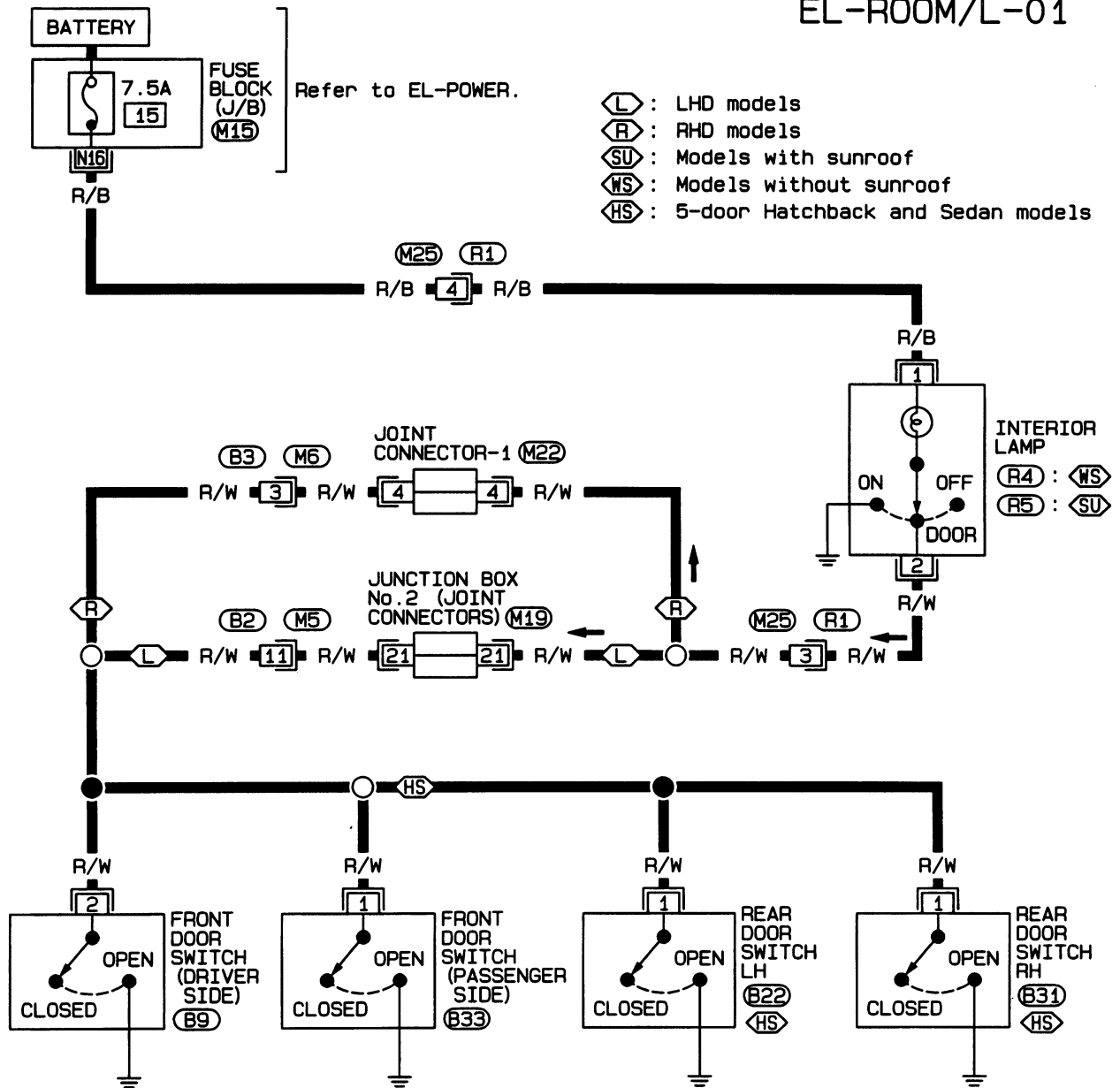
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INTERIOR ROOM LAMP — Without Timer —

Wiring Diagram — ROOM/L —

EL-ROOM/L-01



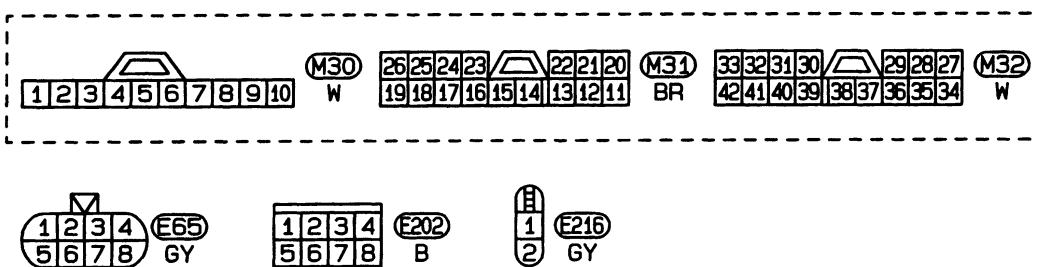
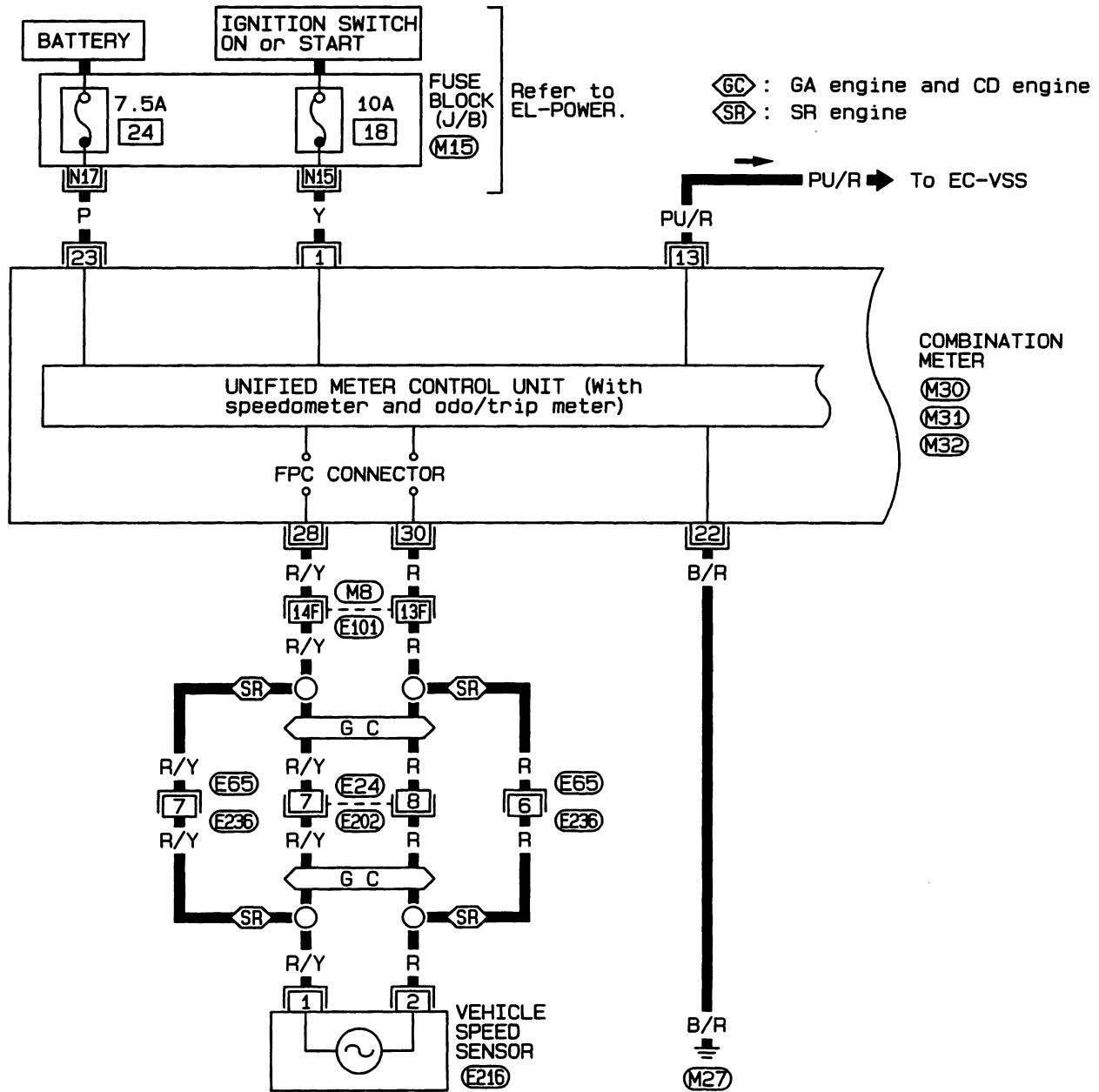
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METER AND GAUGES

Wiring Diagram — METER —/LHD Models With Tachometer

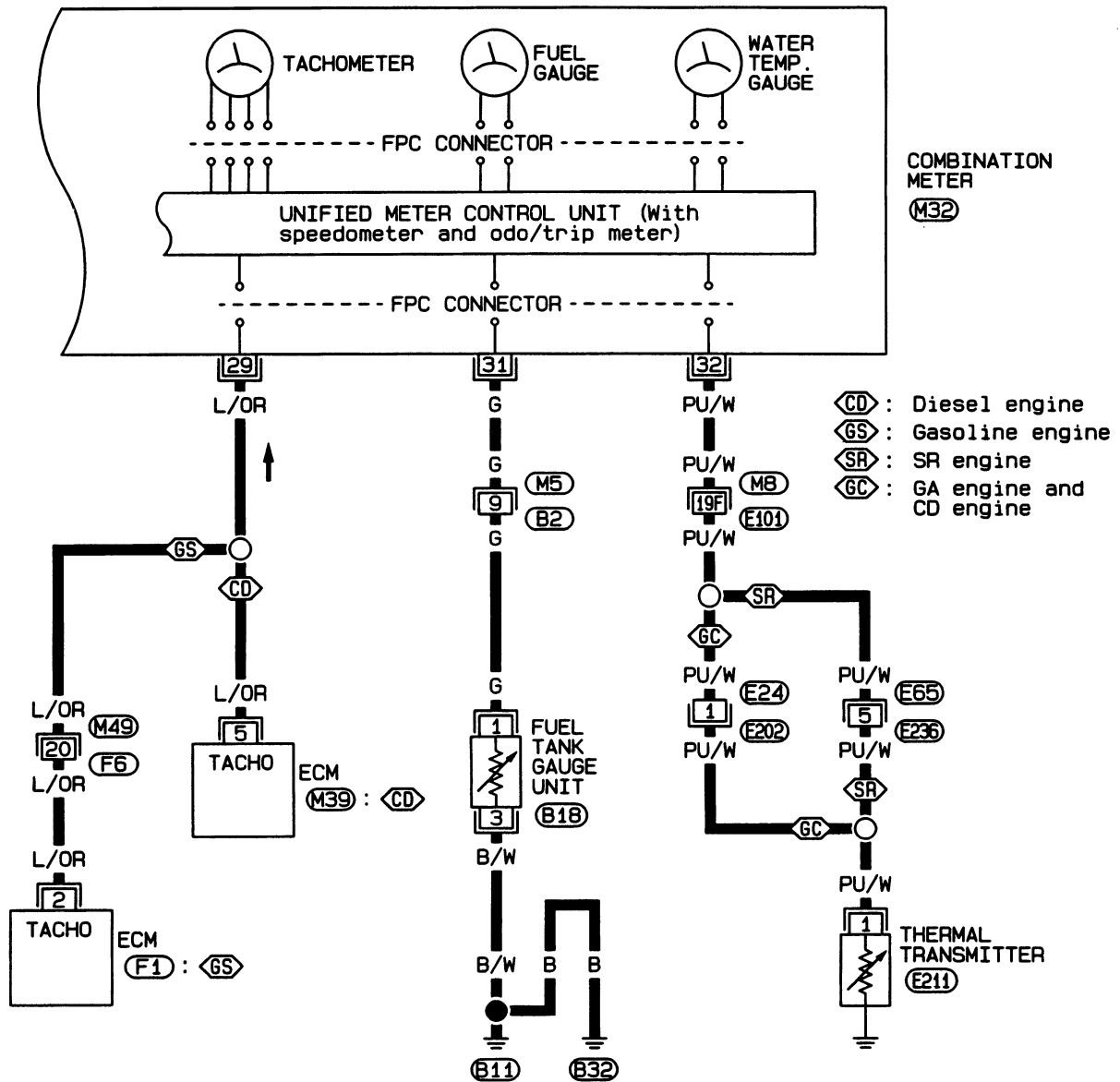
EL-METER-01



METER AND GAUGES

Wiring Diagram — METER —/LHD Models With Tachometer (Cont'd)

EL-METER-02



1	2	3	4	5	6	M5
7	8	9	10	11	12	W

33	32	31	30	29	28	27	M32
42	41	40	39	38	37	36	W

1	2	3	4	5	6	7	8	M49
9	10	11	12	13	14	15	16	W

1	2	3	4	E65
5	6	7	8	GY

1	2	3	4	E202
5	6	7	8	B

1	E211
B	

1	2	3	B18
GY			

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M8, E101

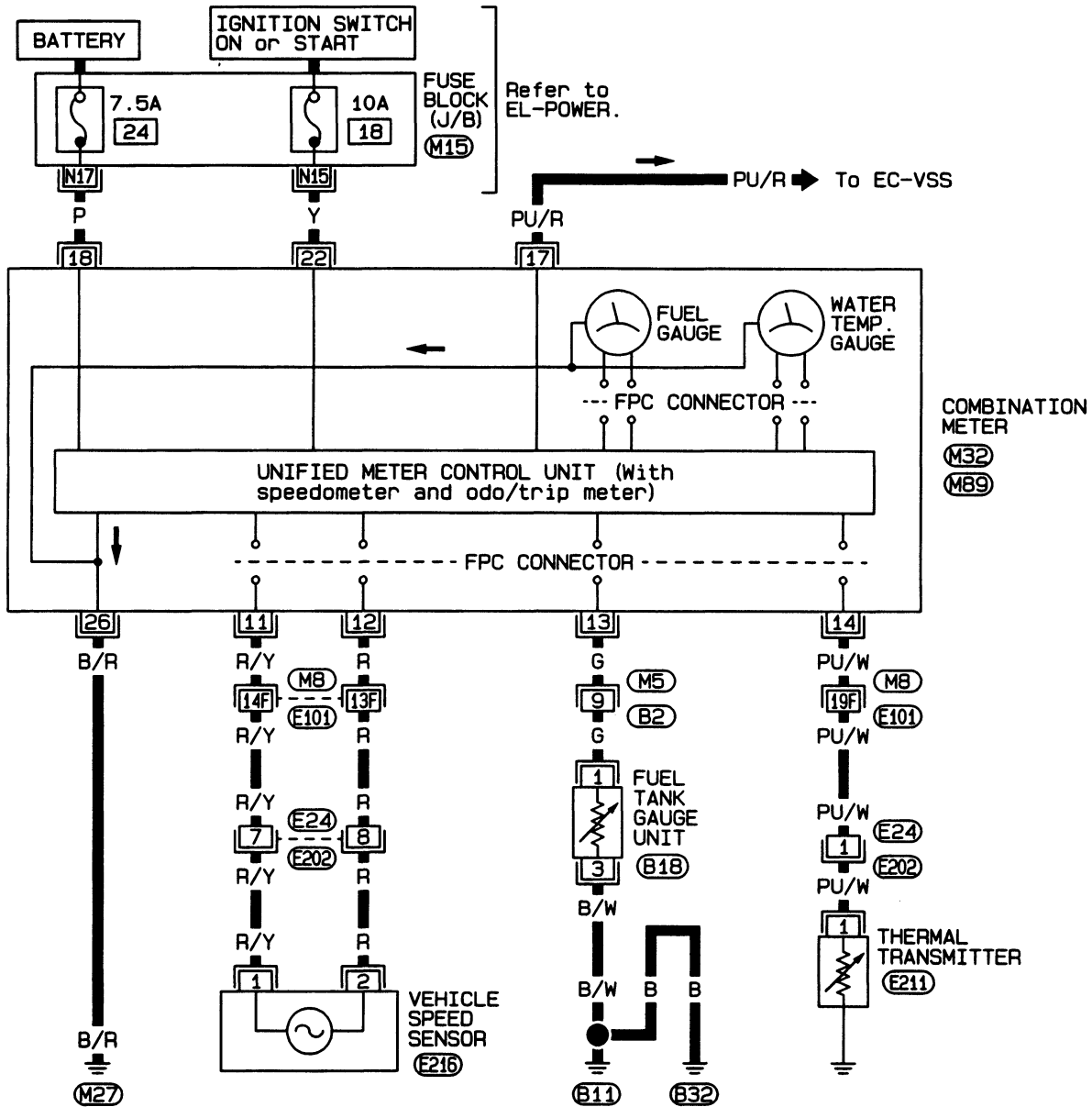
M39

F1

METER AND GAUGES

Wiring Diagram — METER —/LHD Models Without Tachometer

EL-METER-03



1	2	3	4	5	6	M5
7	8	9	10	11	12	W

16	15	14	13		12	11	10	M32	25	26	27		28	29	30	M89		
9	8	7	6	5	4	3	2	1	W	17	18	19	20	21	22	23	24	W

1	2	3	4	E202
5	6	7	8	B

1	E211
	B

1	E216
2	GY

1	2	3	B18
			GY

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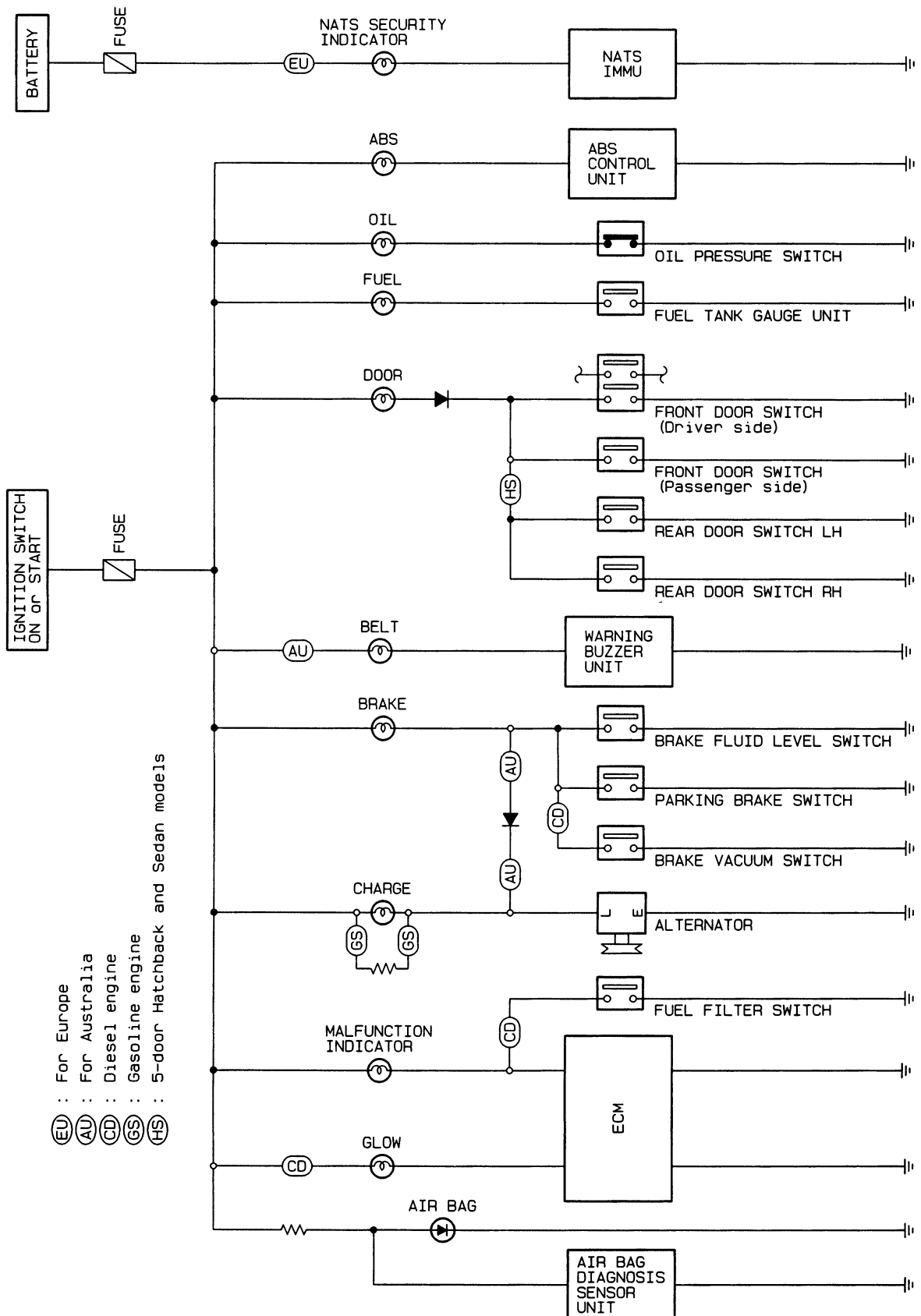
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WARNING LAMPS

Schematic



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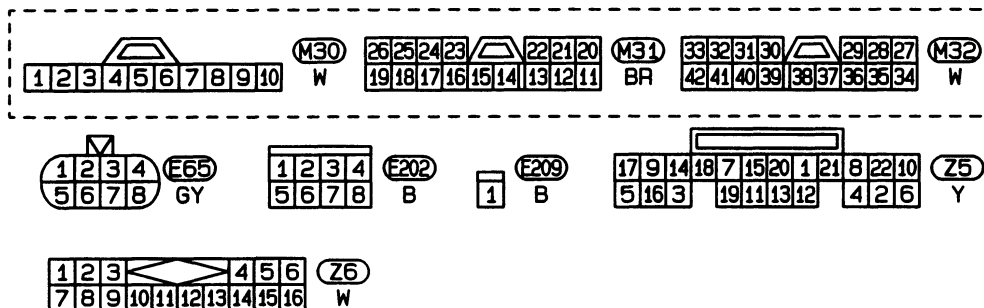
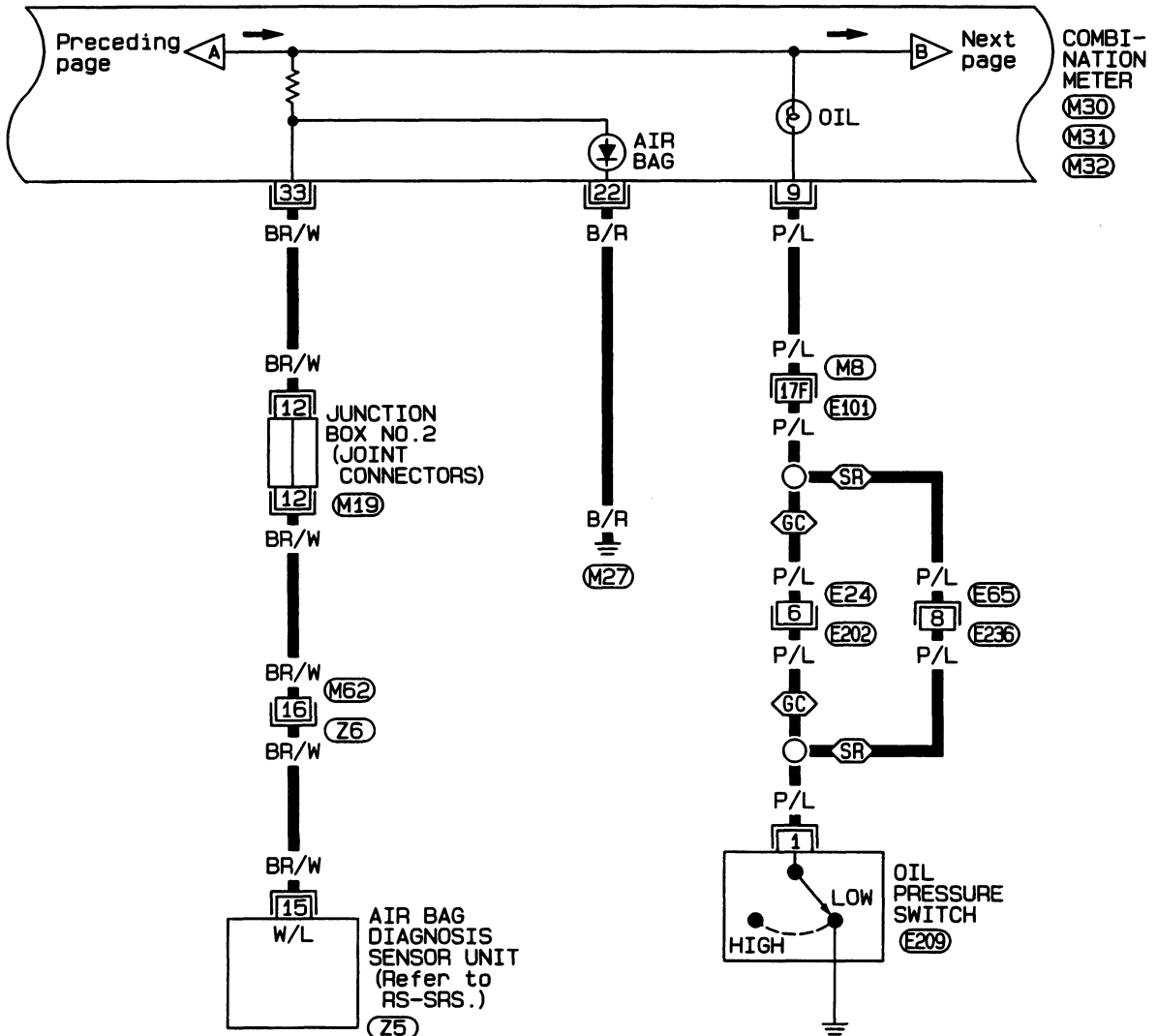
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WARNING LAMPS

Wiring Diagram — WARN —/LHD Models With Tachometer (Cont'd)

EL-WARN-02

- GC : GA engine and CD engine
SR : SR engine



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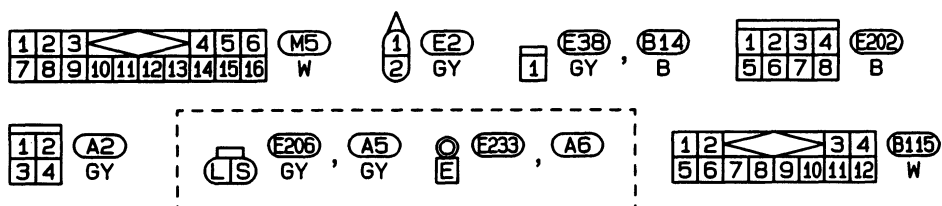
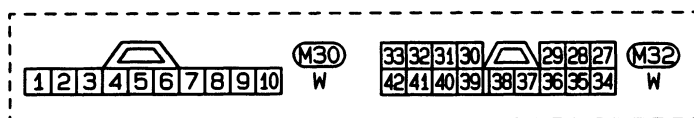
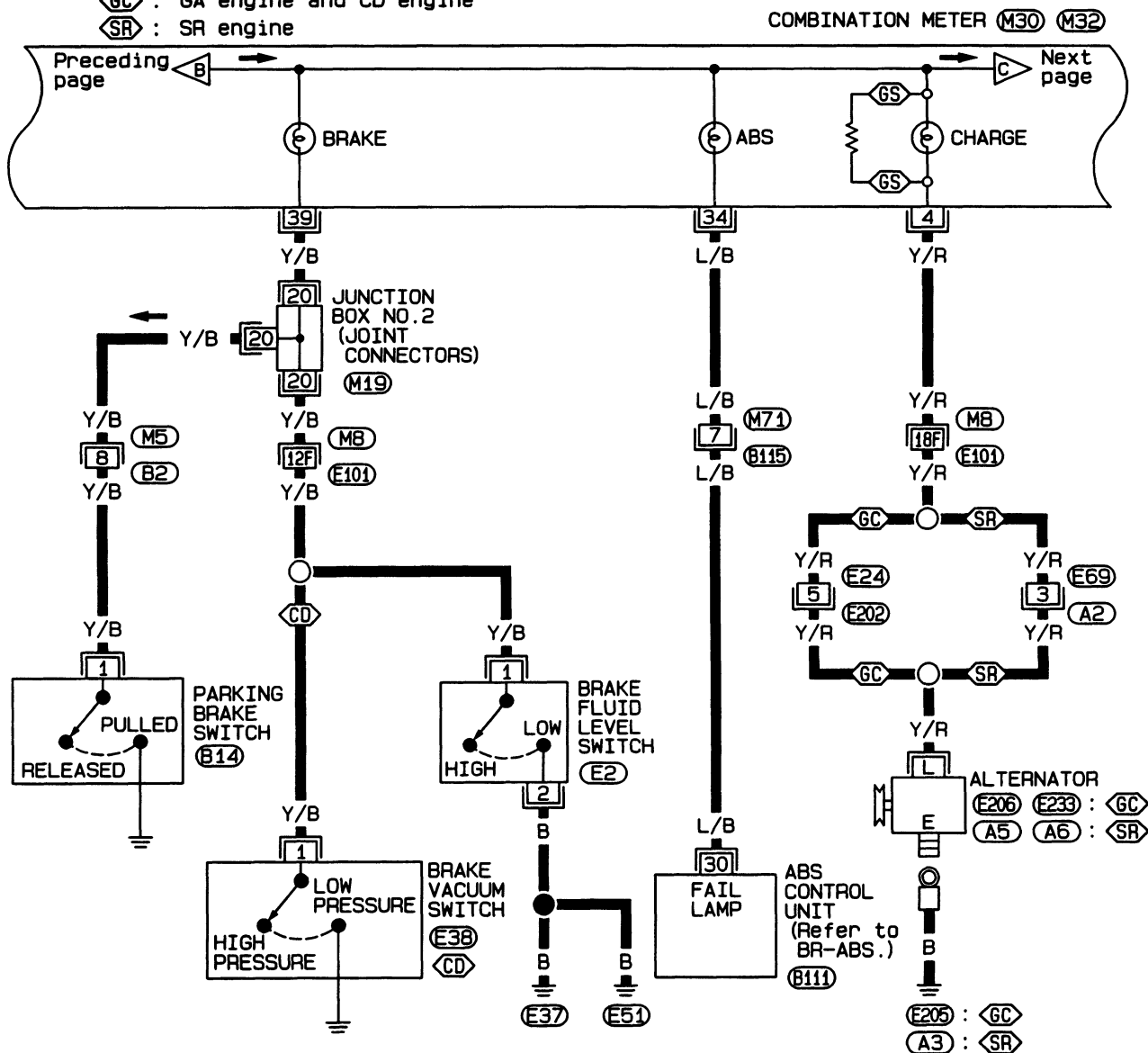
M8, E101
M19

*: This connector is not shown in "HARNESS LAYOUT".

Wiring Diagram — WARN —/LHD Models With Tachometer (Cont'd)

EL-WARN-03

GS : Gasoline engine
CD : Diesel engine
GC : GA engine and CD engine
SR : SR engine



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M8 E101

(M19)

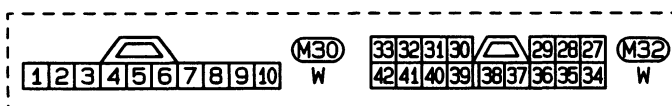
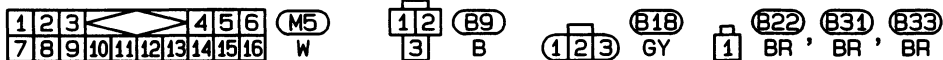
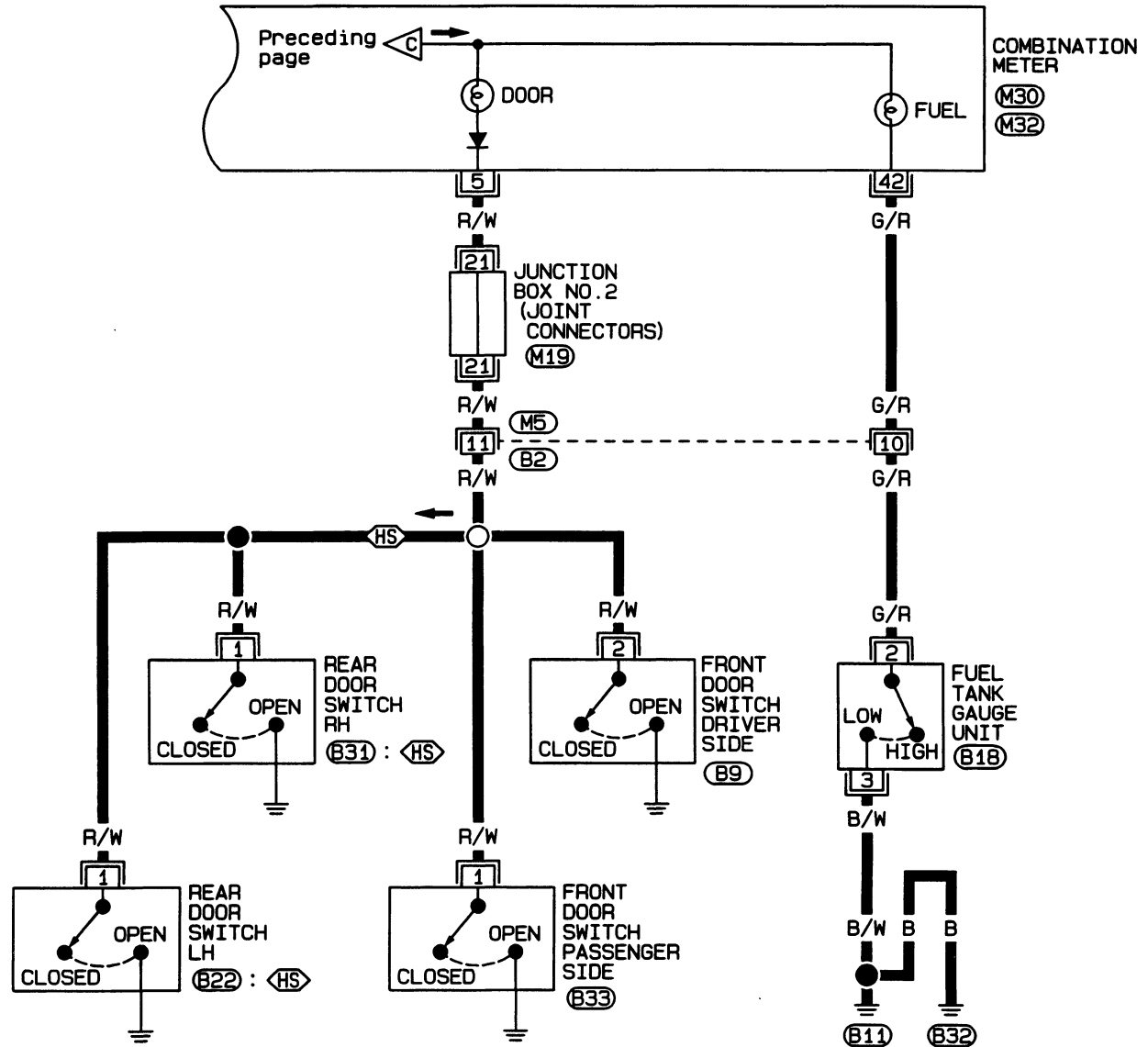
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Wiring Diagram — WARN —/LHD Models With Tachometer (Cont'd)

EL-WARN-04

HS : 5-door Hatchback and Sedan models



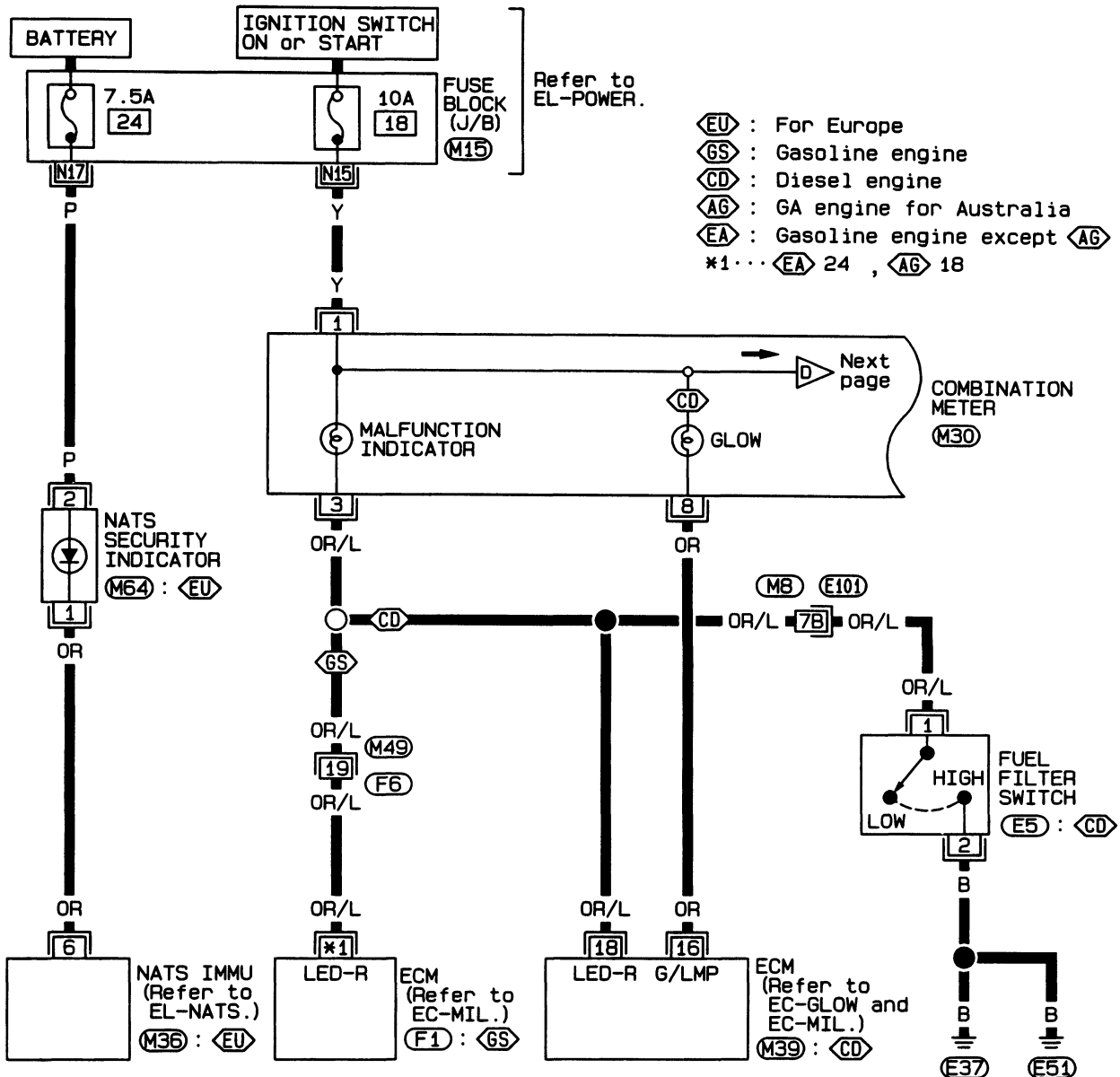
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(M19)

WARNING LAMPS

Wiring Diagram — WARN —/RHD Models With Tachometer

EL-WARN-05



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(M8), (E101)

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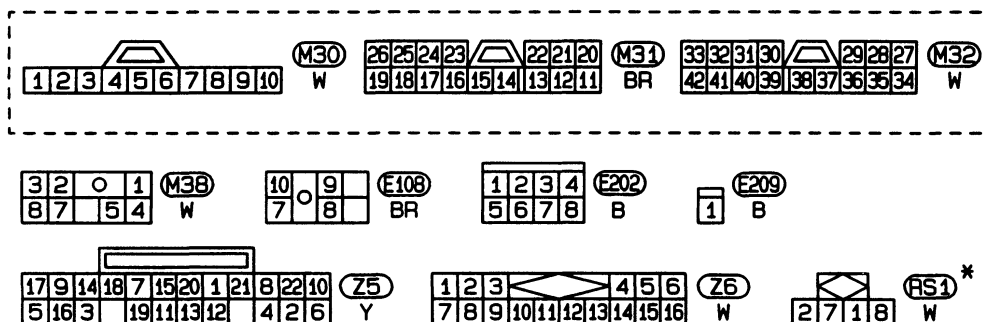
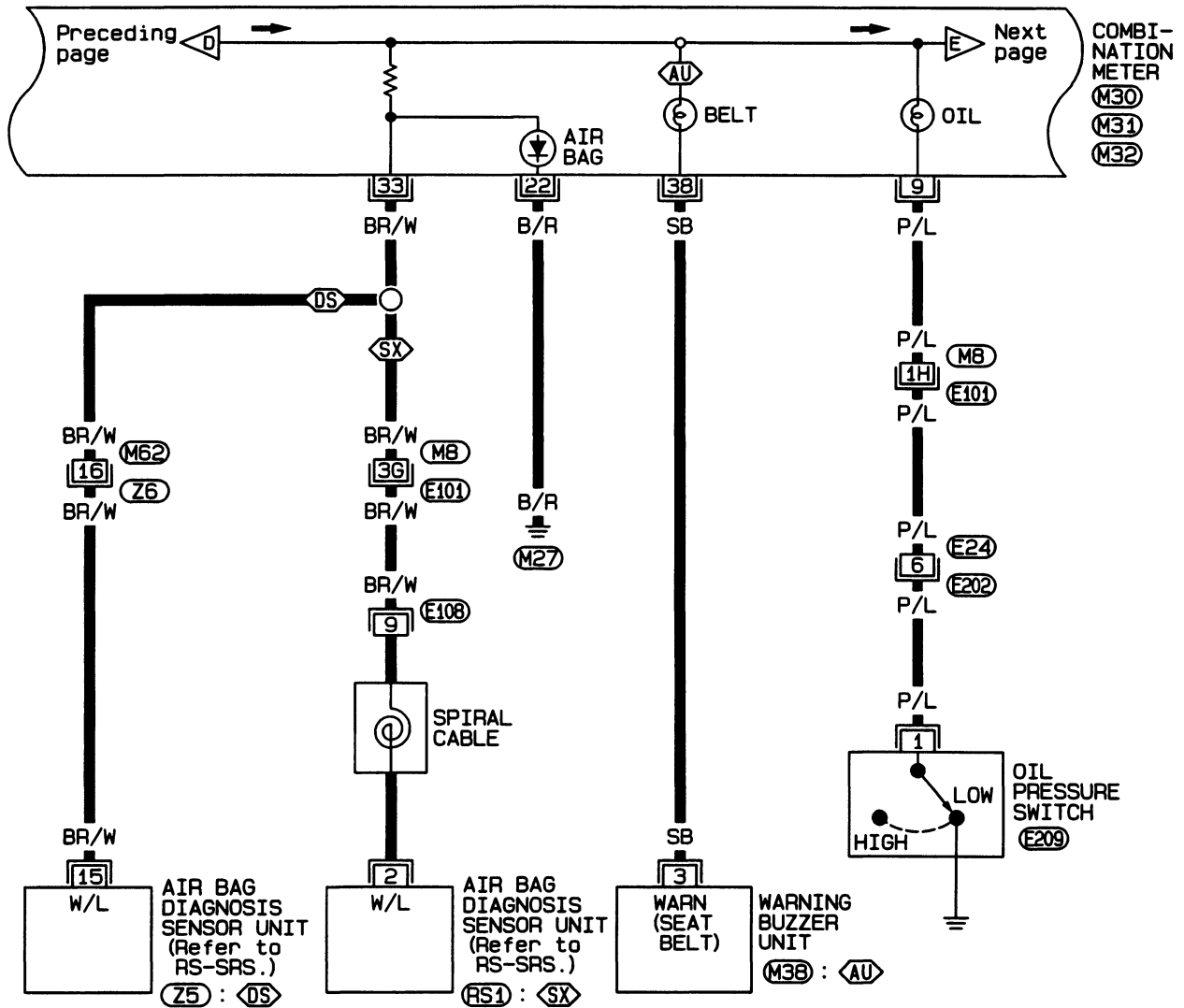
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WARNING LAMPS

Wiring Diagram — WARN —/RHD Models With Tachometer (Cont'd)

EL-WARN-06

- (AU) : For Australia
 (SX) : Models with single air bag system except for Europe
 (DS) : Models with single air bag system for Europe
 and with dual air bag system



Refer to last page
(Foldout page).

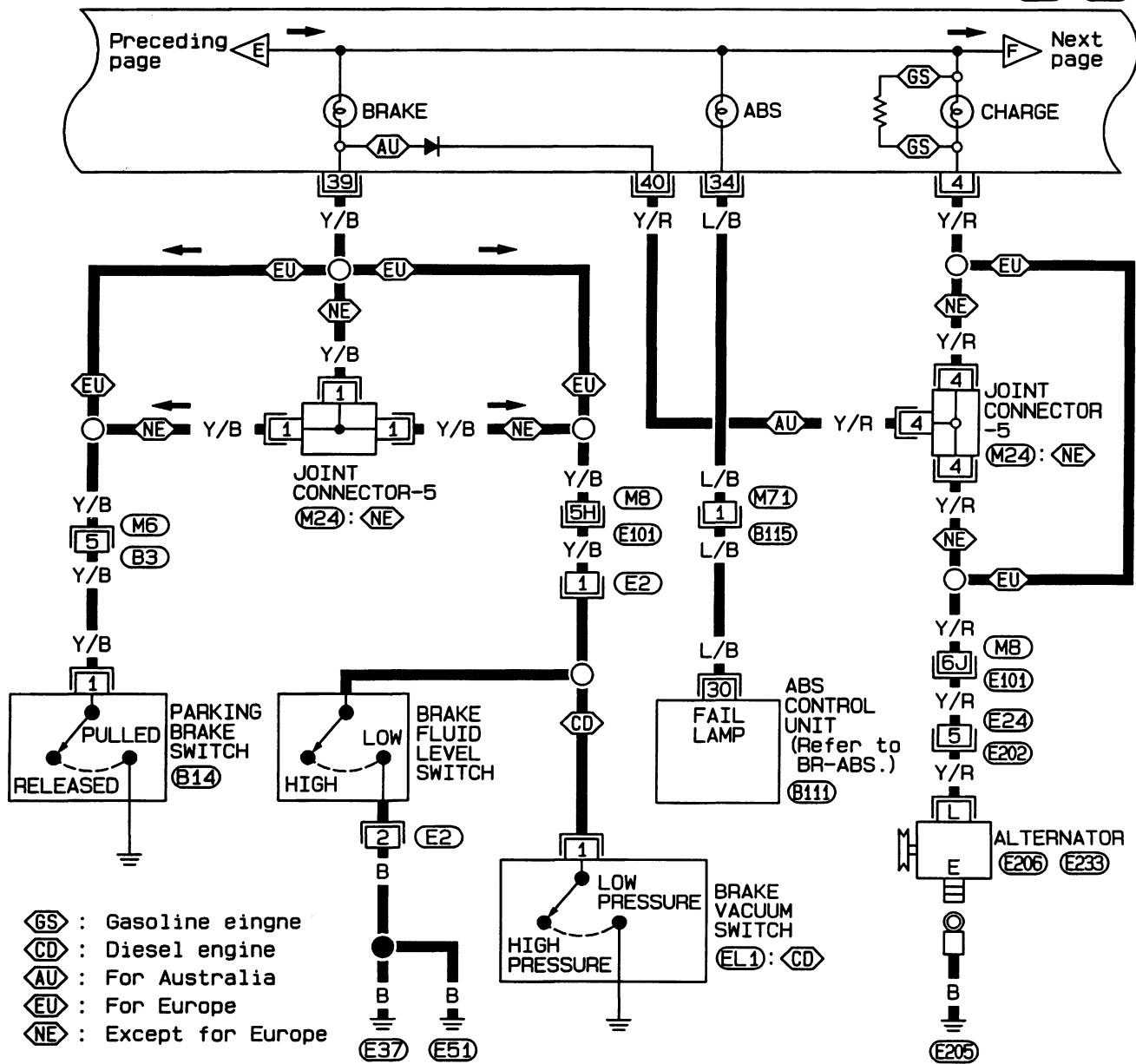
(MB), (E101)

* : This connector is not shown in "HARNESS LAYOUT".

Wiring Diagram — WARN —/RHD Models With Tachometer (Cont'd)

EL-WARN-07

COMBINATION METER (M30) (M32)



1	2	3	4			5	6	7	8		
9	10	11	12	13	14	15	16	17	18	19	20

M6

W

1	1	1	2	2	2	3	3	3	3
4	4	4	5	5	5	6	6	6	6

M24

OR







* : This connector is not shown in "HARNESS LAYOUT".

Refer to last page
(Foldout page) .

M8 E101

(B111)

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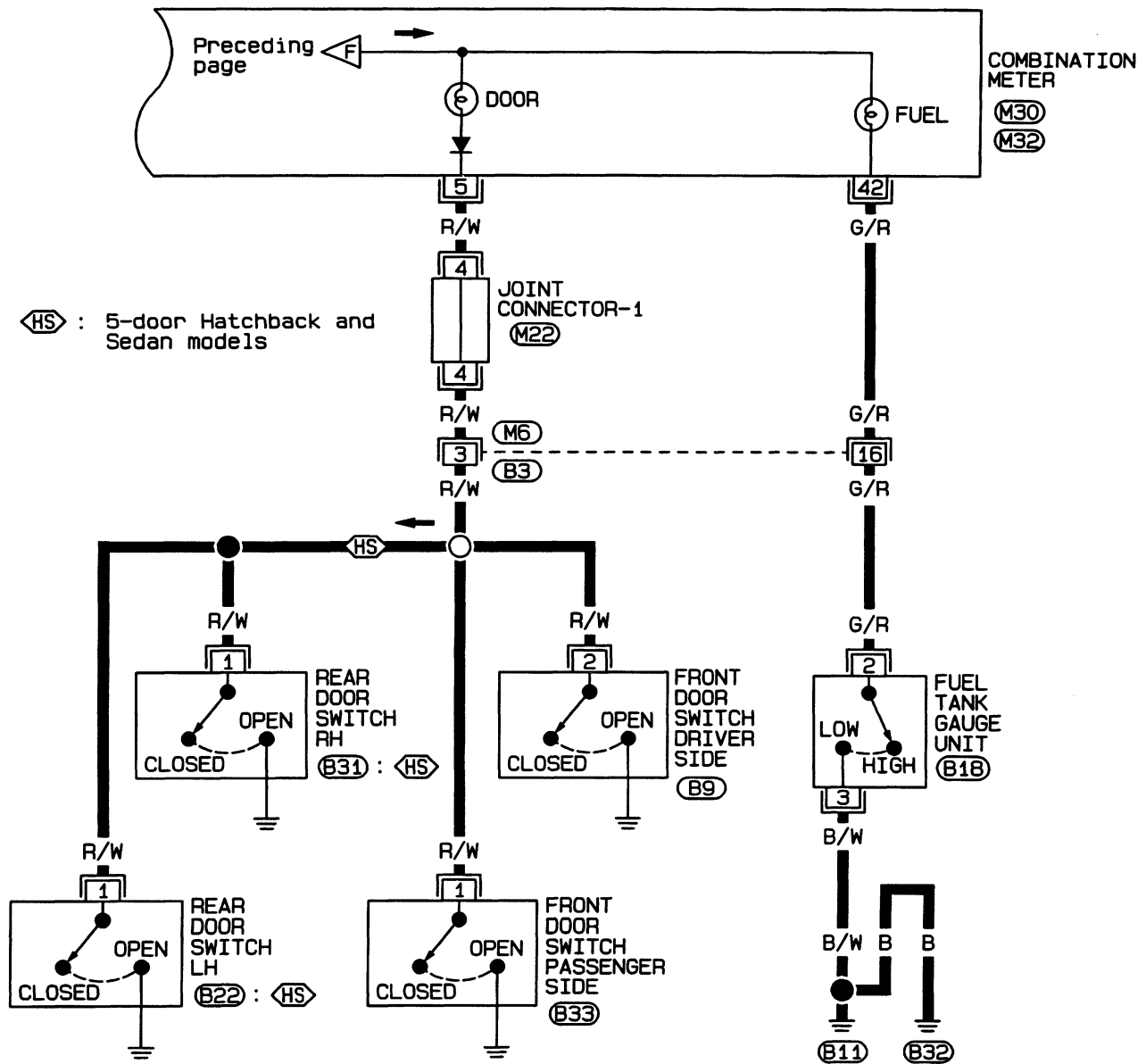
E

DY

WARNING LAMPS

Wiring Diagram — WARN —/RHD Models With Tachometer (Cont'd)

EL-WARN-08



1	2	3	4	5	6	7	8	M6
9	10	11	12	13	14	15	16	W

1	1	1	1	1	1	1	1	1	1	M22
2	2	2	3	3	3	3	4	4	4	BR

										(M30)	33	32	31	30		29	28	27	(M32)	
1	2	3	4	5	6	7	8	9	10	W	42	41	40	39	38	37	36	35	34	W

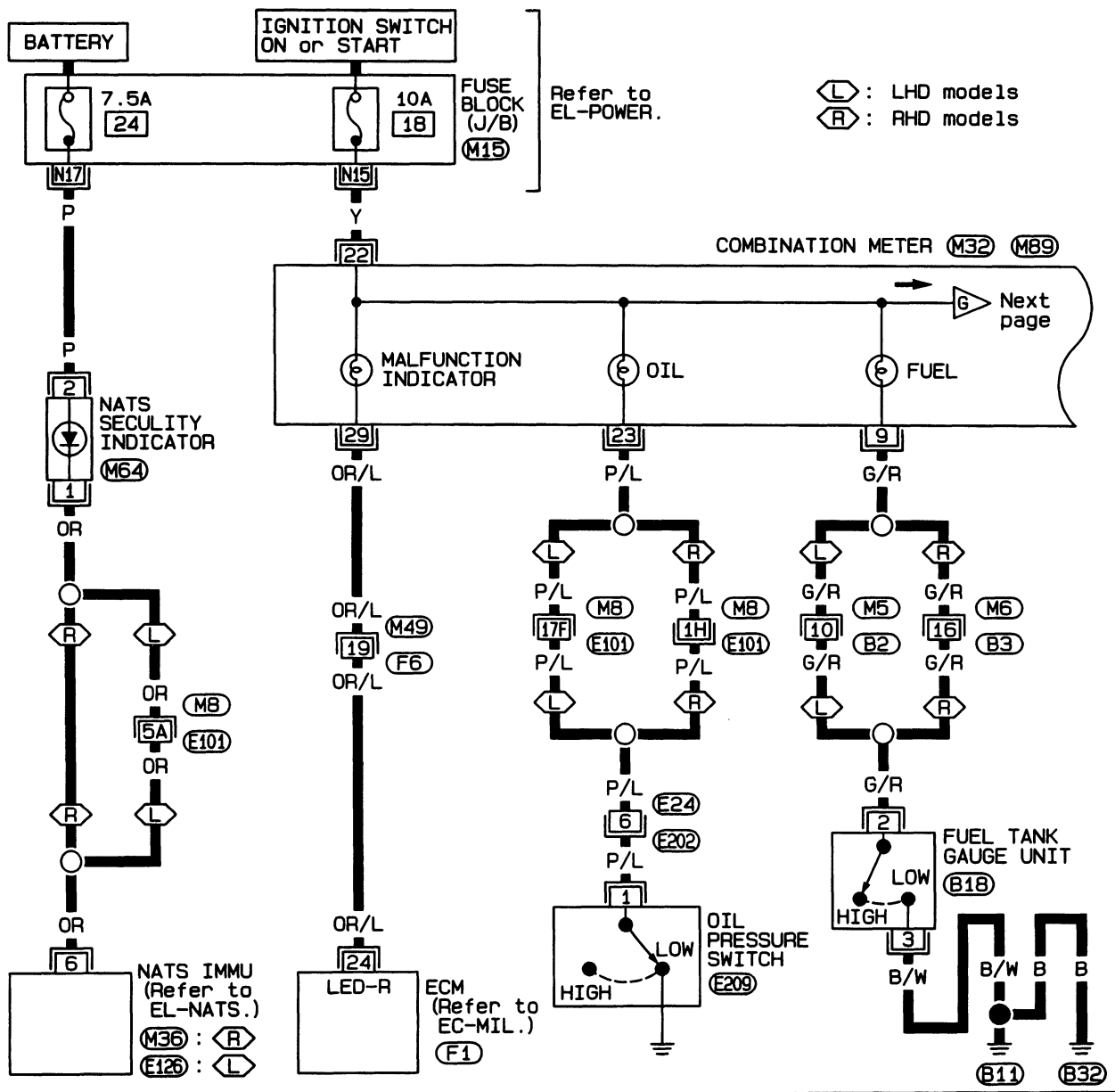
1	2	B9
3		B

1	2	3	B18	1	B22	B31	B33
1	2	3	GY	1	BR	BR	BR

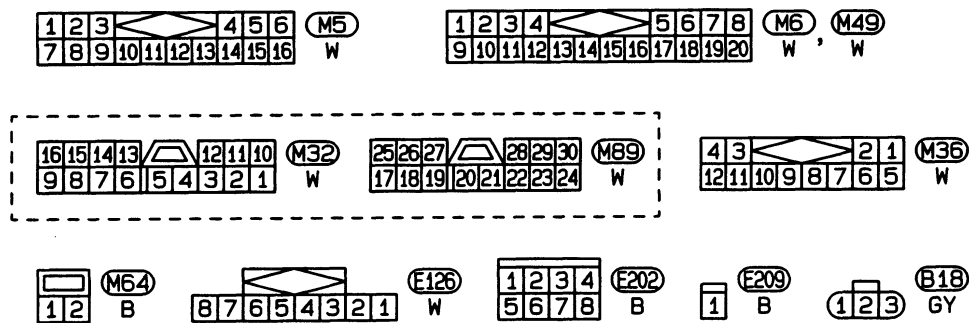
WARNING LAMPS

Wiring Diagram — WARN —/Without Tachometer

EL-WARN-09



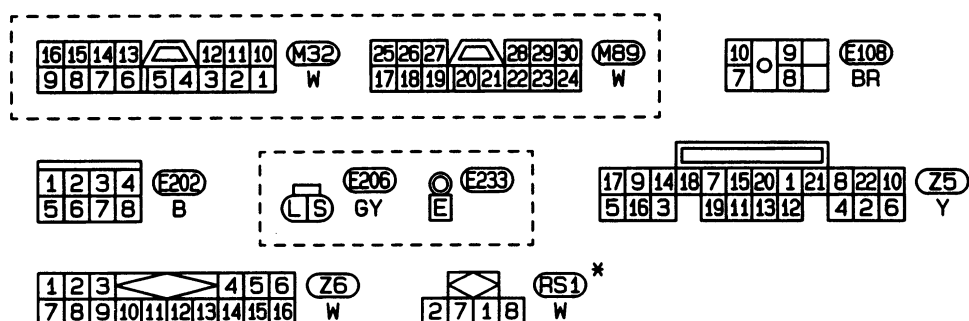
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Refer to last page (Foldout page).

(M8), (E101)
(F1)
(M15)

EL-WARN-10

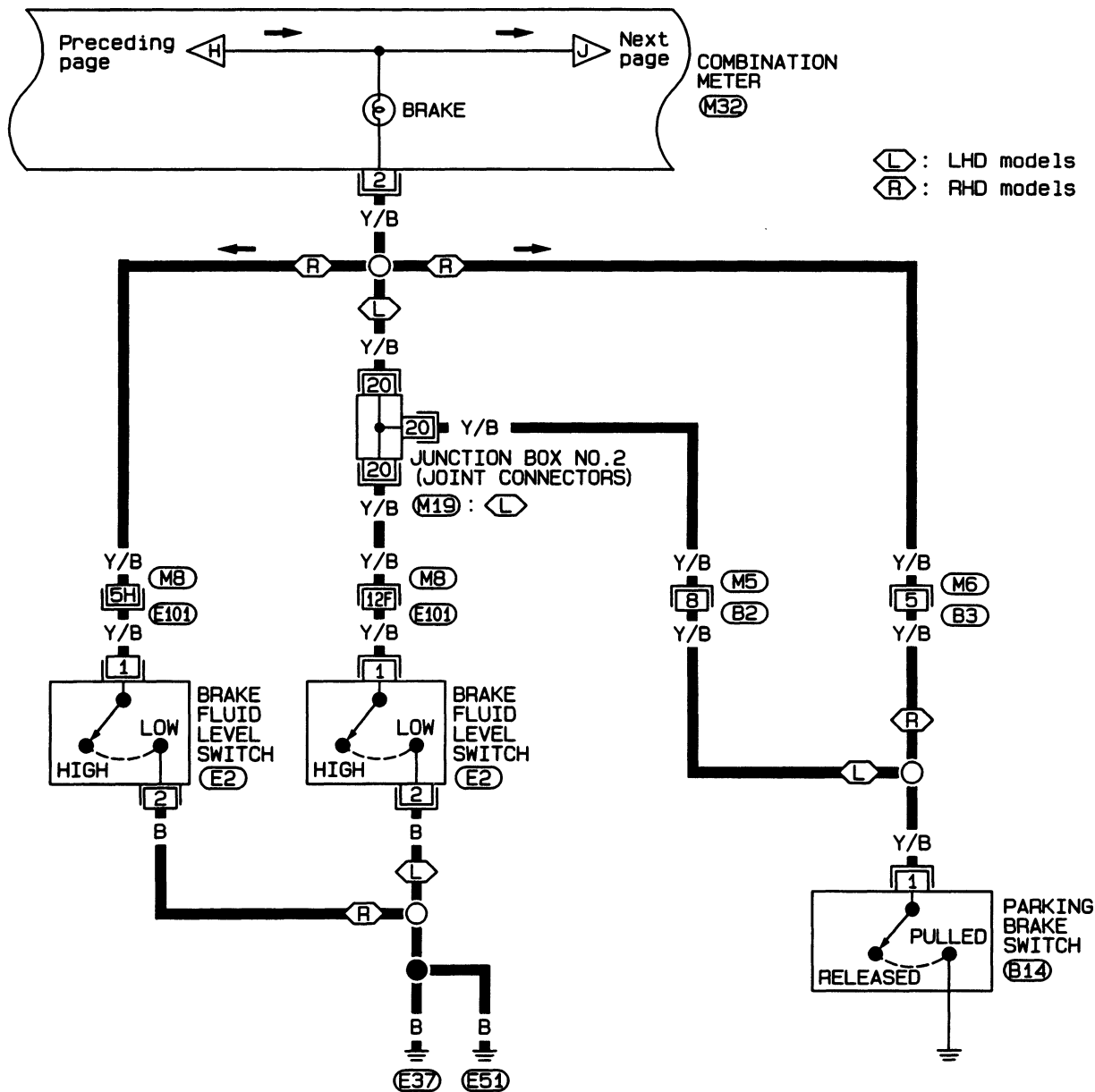


(M8), (E101)
(M19)

WARNING LAMPS

Wiring Diagram — WARN —/Without Tachometer (Cont'd)

EL-WARN-11



1	2	3	4	5	6	M5
7	8	9	10	11	12	W

1	2	3	4	5	6	7	8	M6
9	10	11	12	13	14	15	16	W

16	15	14	13	12	11	10	M32
9	8	7	6	5	4	3	W

1
2

(E2) : (R)
GY

(E2) : (L)
GY

(B14)
B

Refer to last page (Foldout page).

(M8), (E101)

(M19)

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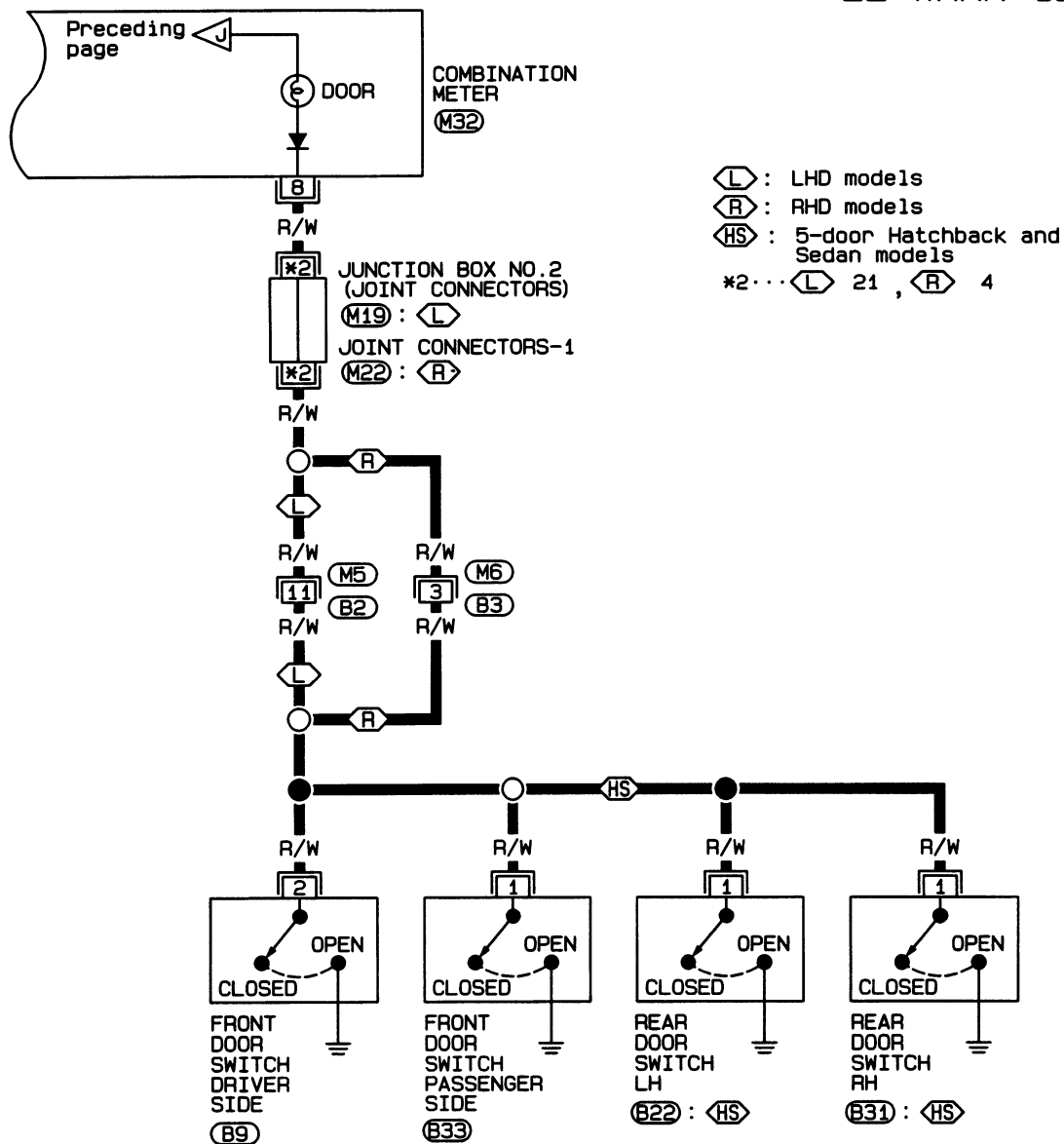
EL

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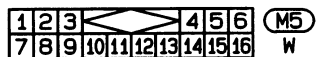
WARNING LAMPS

Wiring Diagram — WARN —/Without Tachometer (Cont'd)

EL-WARN-12

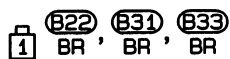
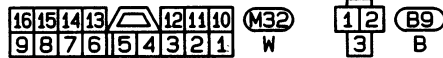
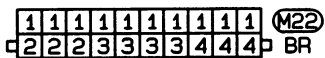


L : LHD models
 R : RHD models
 HS : 5-door Hatchback and Sedan models
 *2... L 21 , R 4



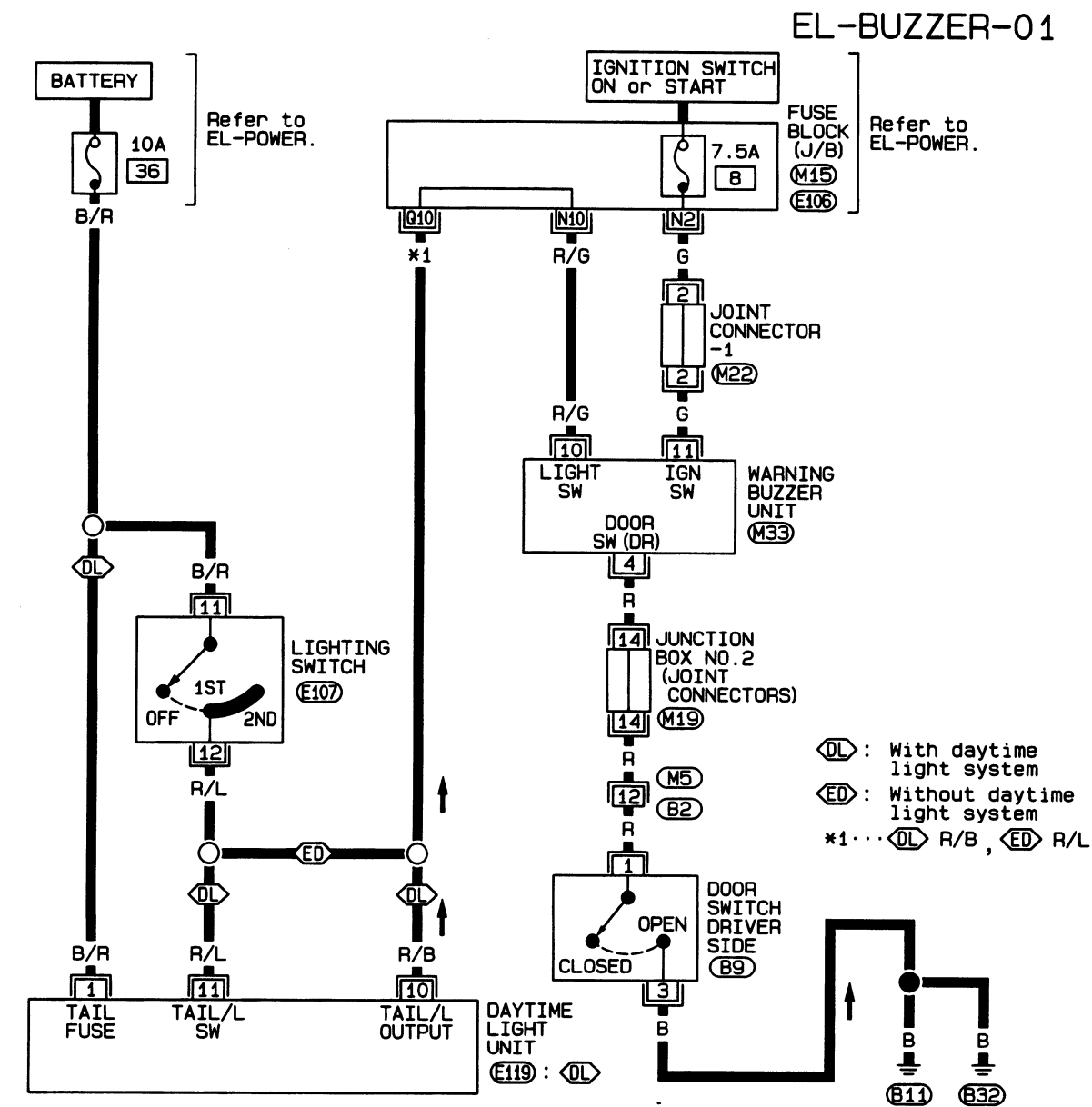
Refer to last page (Foldout page).

(M19)



WARNING BUZZER

Wiring Diagram — BUZZER —/LHD Models



1	2	3	4	5	6	(M5)
7	8	9	10	11	12	W

1	1	1	1	1	1	1	1	1	(M22)
2	2	2	3	3	3	3	4	4	BR

11	10				4				(M33)
									B

11	5	6	7	(E107)
12	8	9	10	W

1	9	10	(E119)
11		4	GY

1	2	(B9)
3		B

Refer to last page (Foldout page).

(M15), (E106)

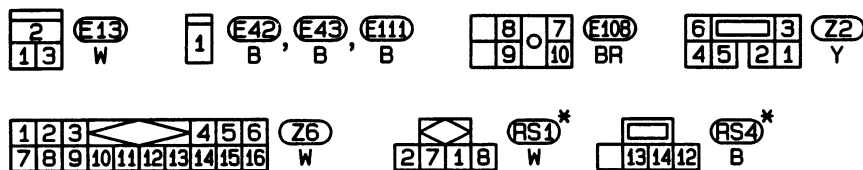
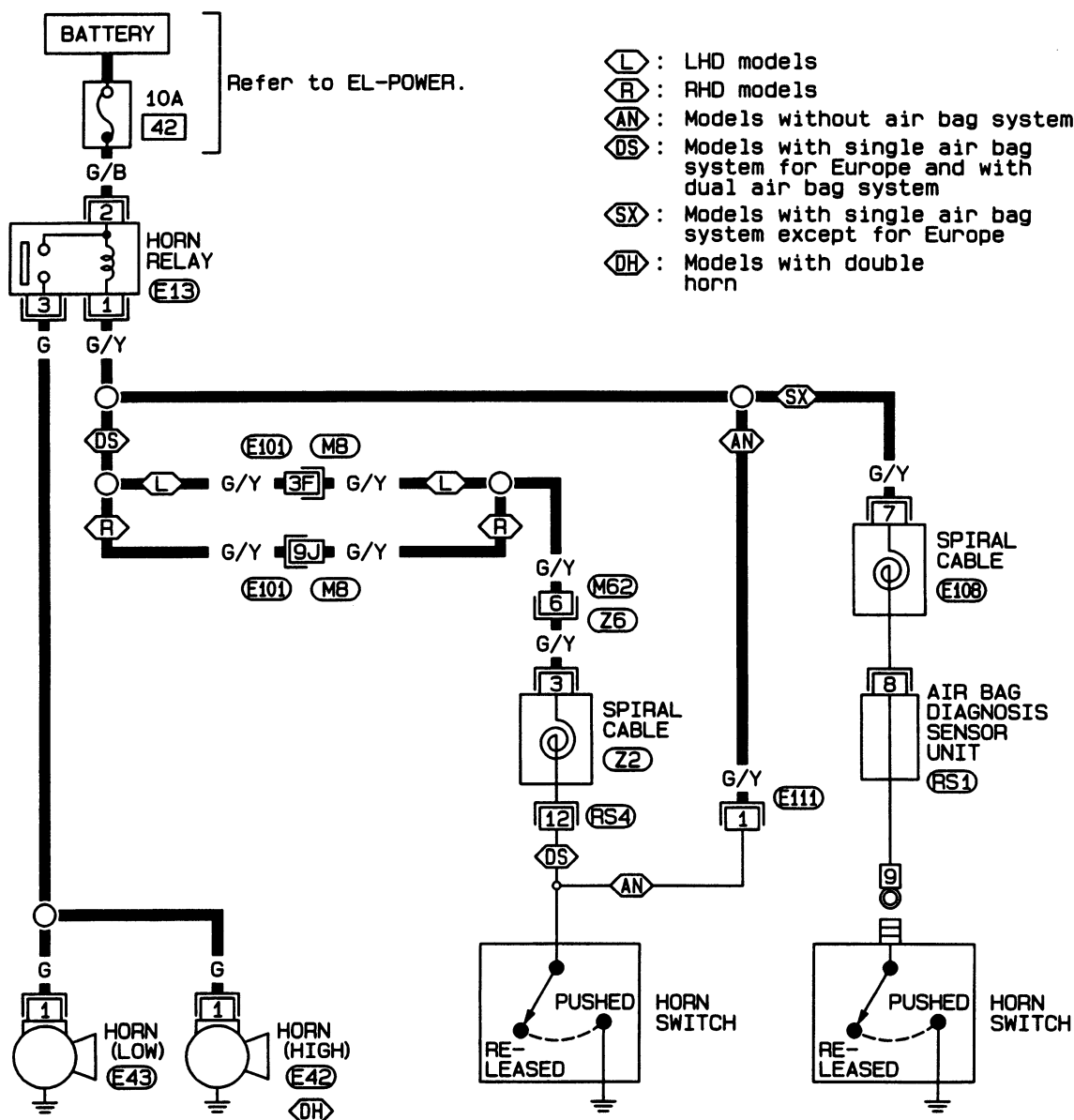
(M19)

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HORN

Wiring Diagram — HORN —

EL-HORN-01



Refer to last page (Foldout page).

(MB), (E101)

* : This connector is not shown in "HARNESS LAYOUT".

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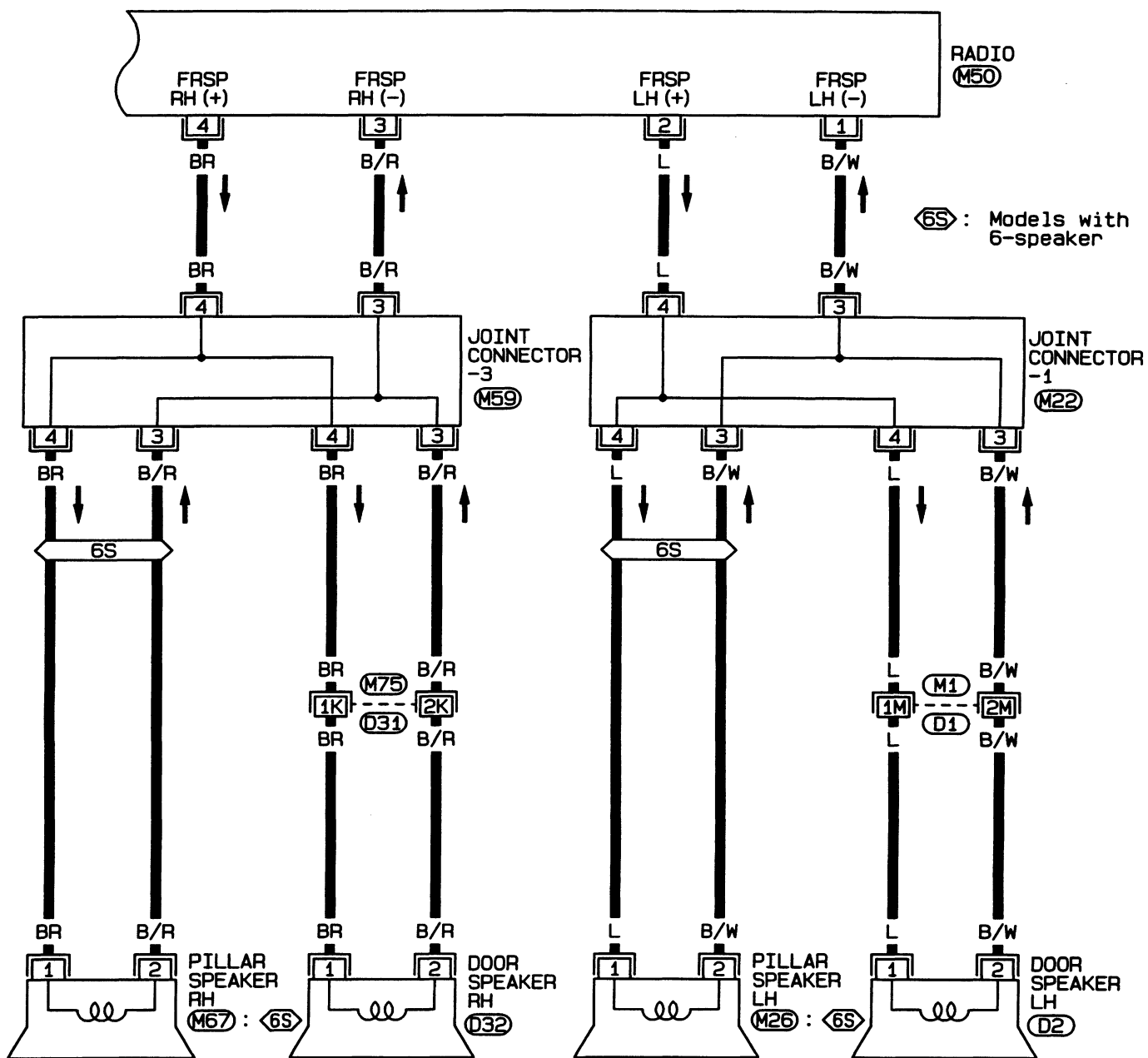
IDX



AUDIO

Wiring Diagram — AUDIO —/LHD Models (Cont'd)

EL-AUDIO-02



10	8	6	4	2	(M50)
			3	1	W

1	1	1	1	1	1	1	1	1	1	(M22)	(M59)
2	2	2	3	3	3	3	4	4	4	BR	BR

0	(M26)	(M67)	(D2)	(D32)
1 2	BR	BR	BR	BR

Refer to last page
(Foldout page).

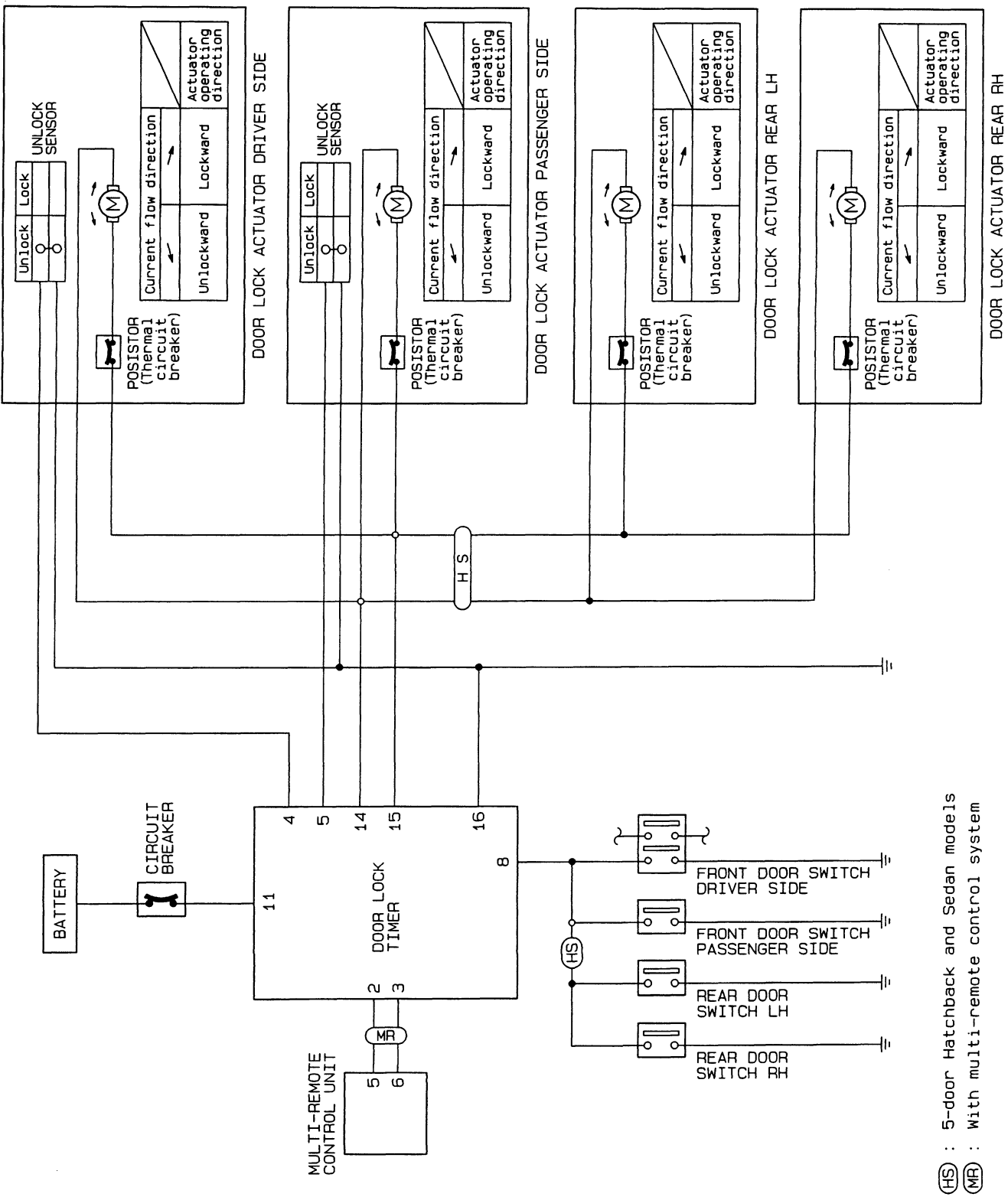
(M1) , (D1)
(M75) , (D31)

CAUTION : Don't attempt to repair, splice or modify the flexible flat circuit (FFC). If the FFC is damaged, replace with a new one.

HEL141

POWER DOOR LOCK/For Europe and Australia

Schematic



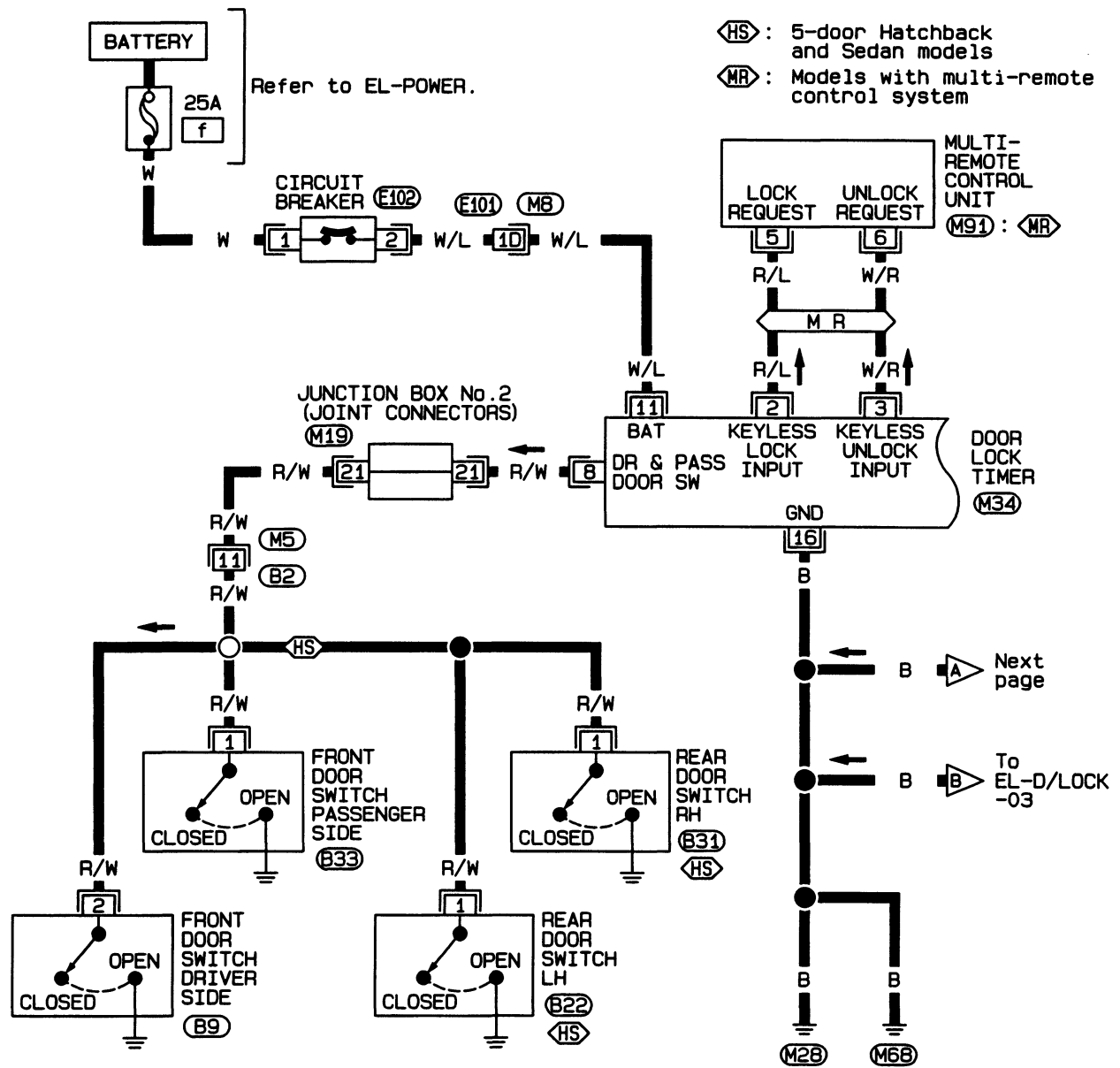
(HS) : 5-door Hatchback and Sedan models
(MP) : With multi-remote control system

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POWER DOOR LOCK/For Europe and Australia

Wiring Diagram — D/LOCK —/LHD Models

EL-D/LOCK-01



1	2	3	4	5	6	(M5)
7	8	9	10	11	12	W

10	9	8	7	6	5	4	3	2	1	(M34)
18	17	16	15	14	13	12	11	W		

3	2	1	(M91)
8	7	6	BR

1	(E102)
2	W

1	2	(B9)
3	B	

1	(B22)	(B31)	(B33)
	BR	BR	BR

Refer to last page (Foldout page).

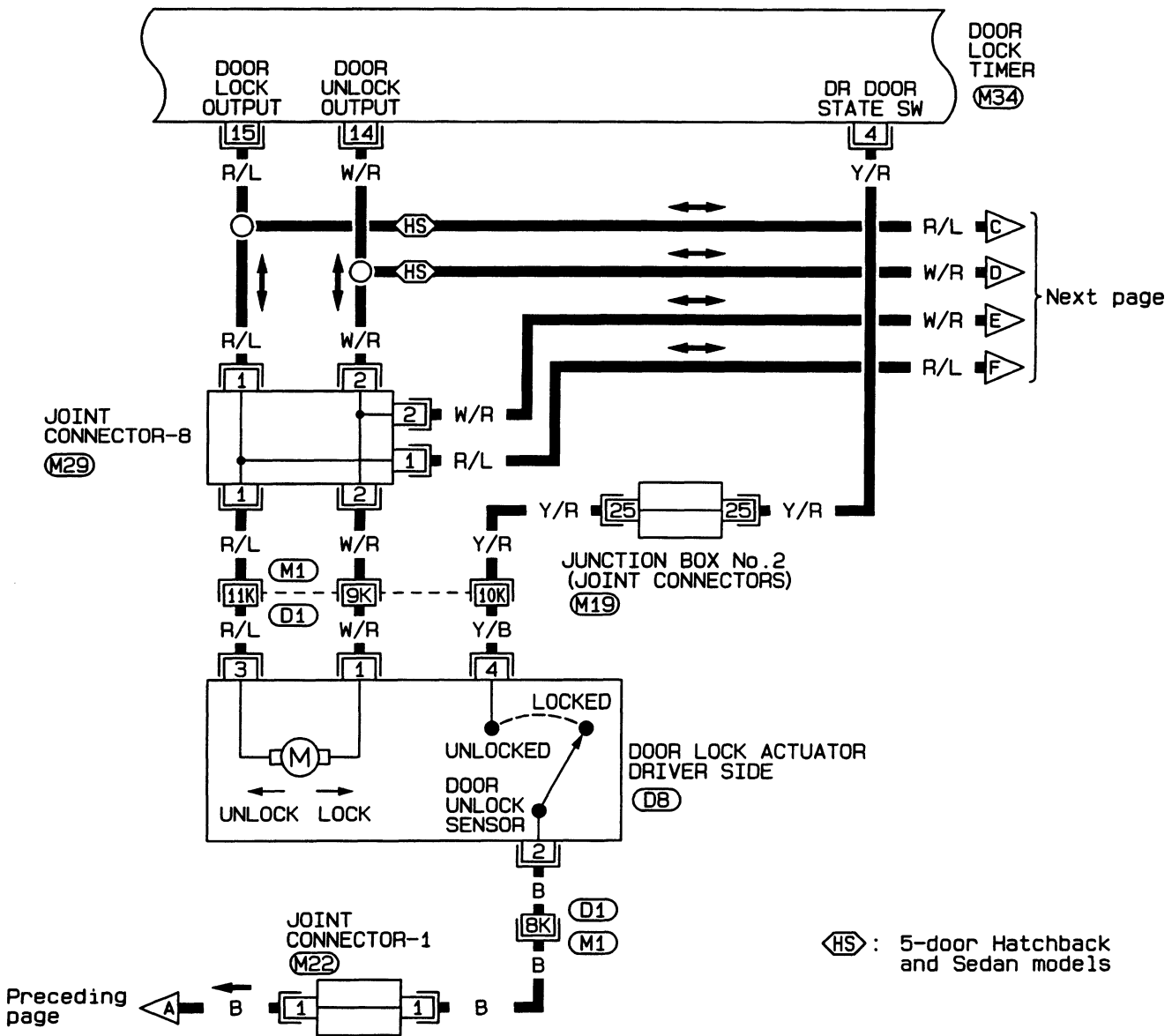
(M8), (E101)

(M19)

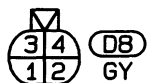
POWER DOOR LOCK/For Europe and Australia

Wiring Diagram — D/LOCK —/LHD Models (Cont'd)

EL-D/LOCK-02



1 1 1 1 1 1 1 1 1 1	(M22)	1 1 1 2 2 2	(M29)	10 9 8 7 6 5 4 3 2 1	(M34)
2 2 2 3 3 3 3 4 4 4	BR		W	18 17 16 15 14 13 12 11	W



CAUTION : Don't attempt to repair, splice or modify the flexible flat circuit (FFC). If the FFC is damaged, replace with a new one.

Refer to last page (Foldout page).

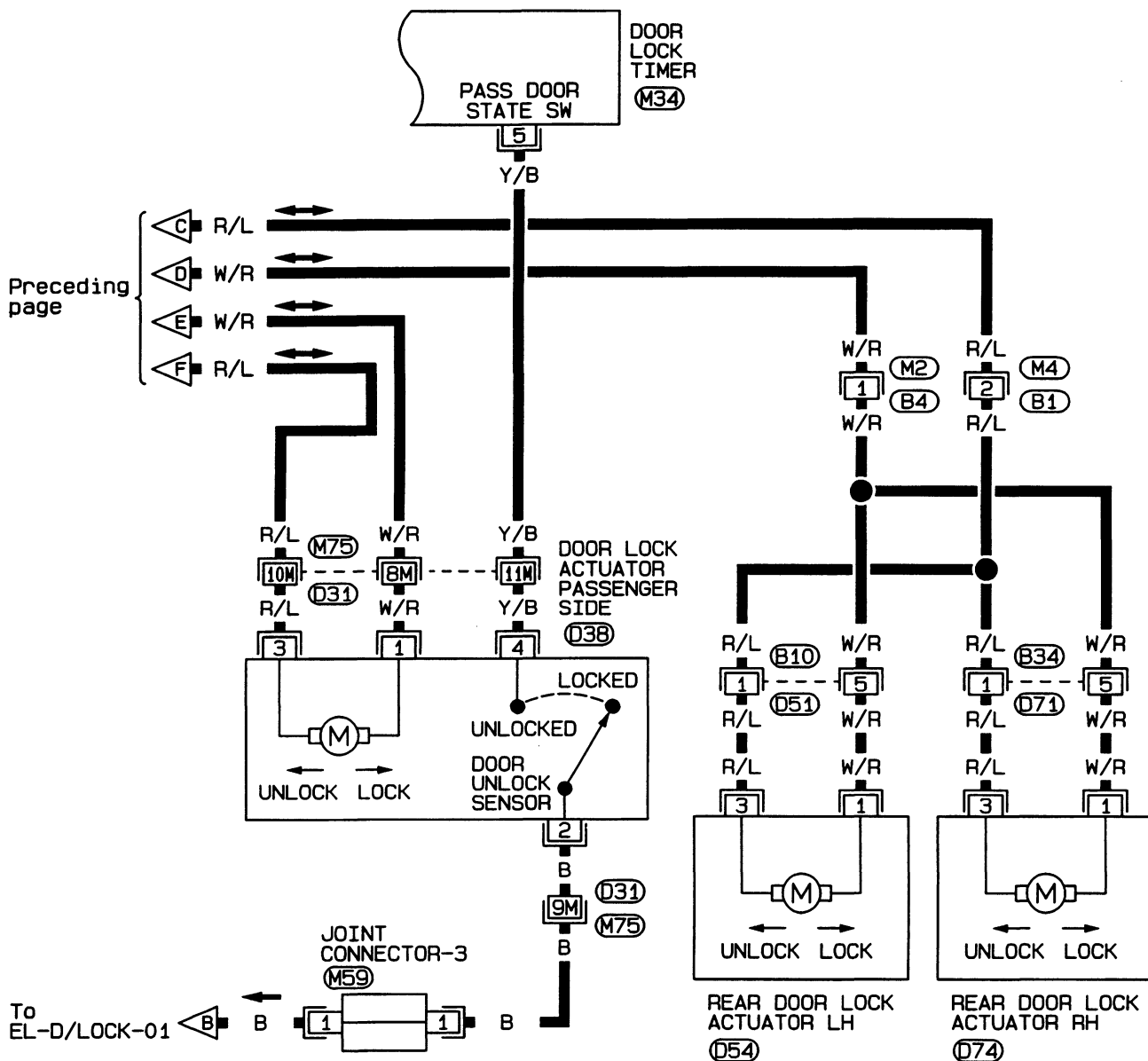
(M1), (D1)
(M19)

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POWER DOOR LOCK/For Europe and Australia

Wiring Diagram — D/LOCK —/LHD Models (Cont'd)

EL-D/LOCK-03



1	2	M2	B10	B34
3	4	5	6	W

1	2	M4
3	4	W

10	9	8	7	6	5	4	3	2	1	M34
18	17	16	15	14	13	12	11			W

1	1	1	1	1	1	1	1	1	1	M59
2	2	2	3	3	3	3	4	4	4	BR

3	4	D38
1	2	GY

3	D54	D74
1	W	W

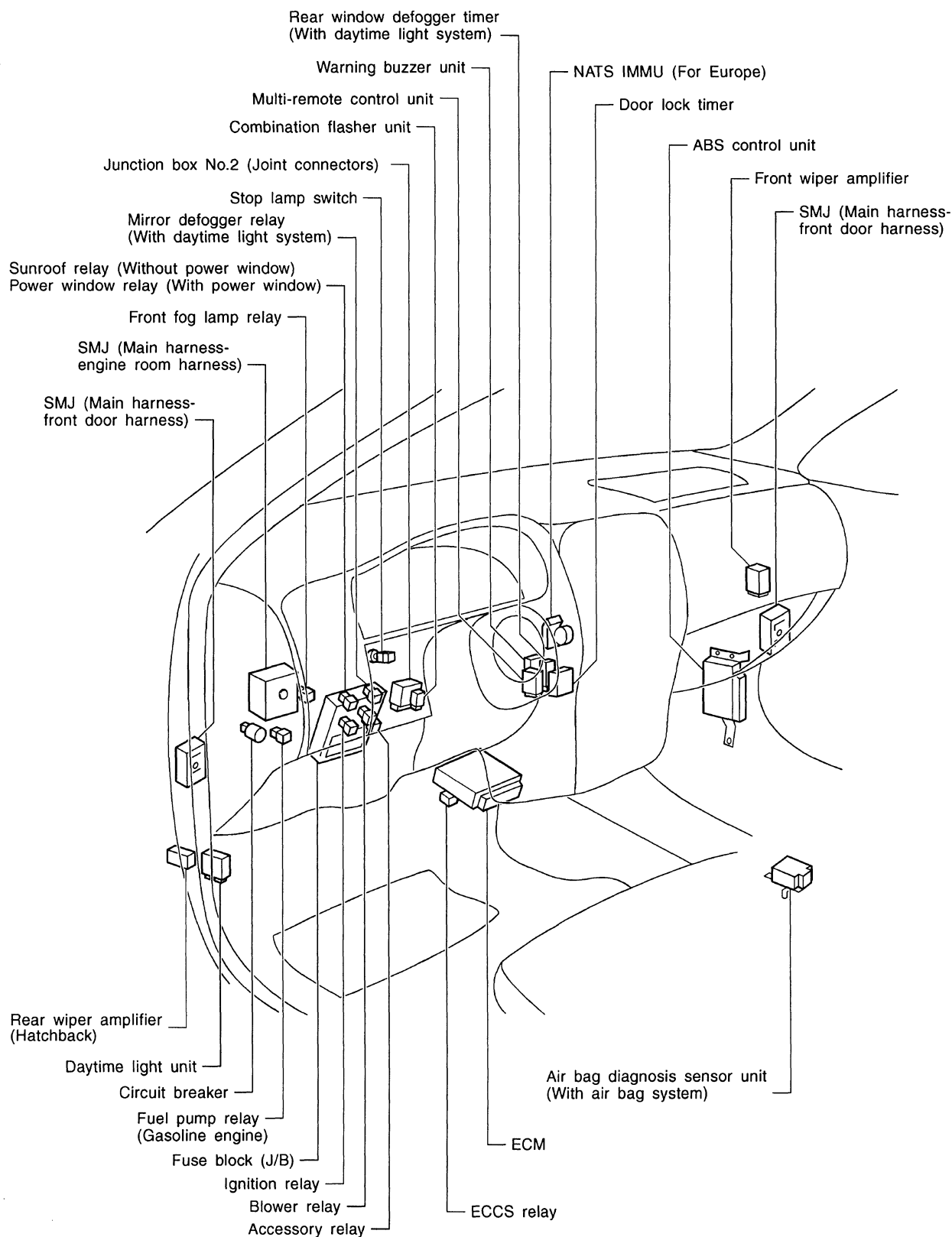
Refer to last page
(Foldout page).

M75, D31

CAUTION : Don't attempt to repair, splice or modify the flexible flat circuit (FFC). If the FFC is damaged, replace with a new one.

LOCATION OF ELECTRICAL UNITS

Passenger Compartment/LHD Models



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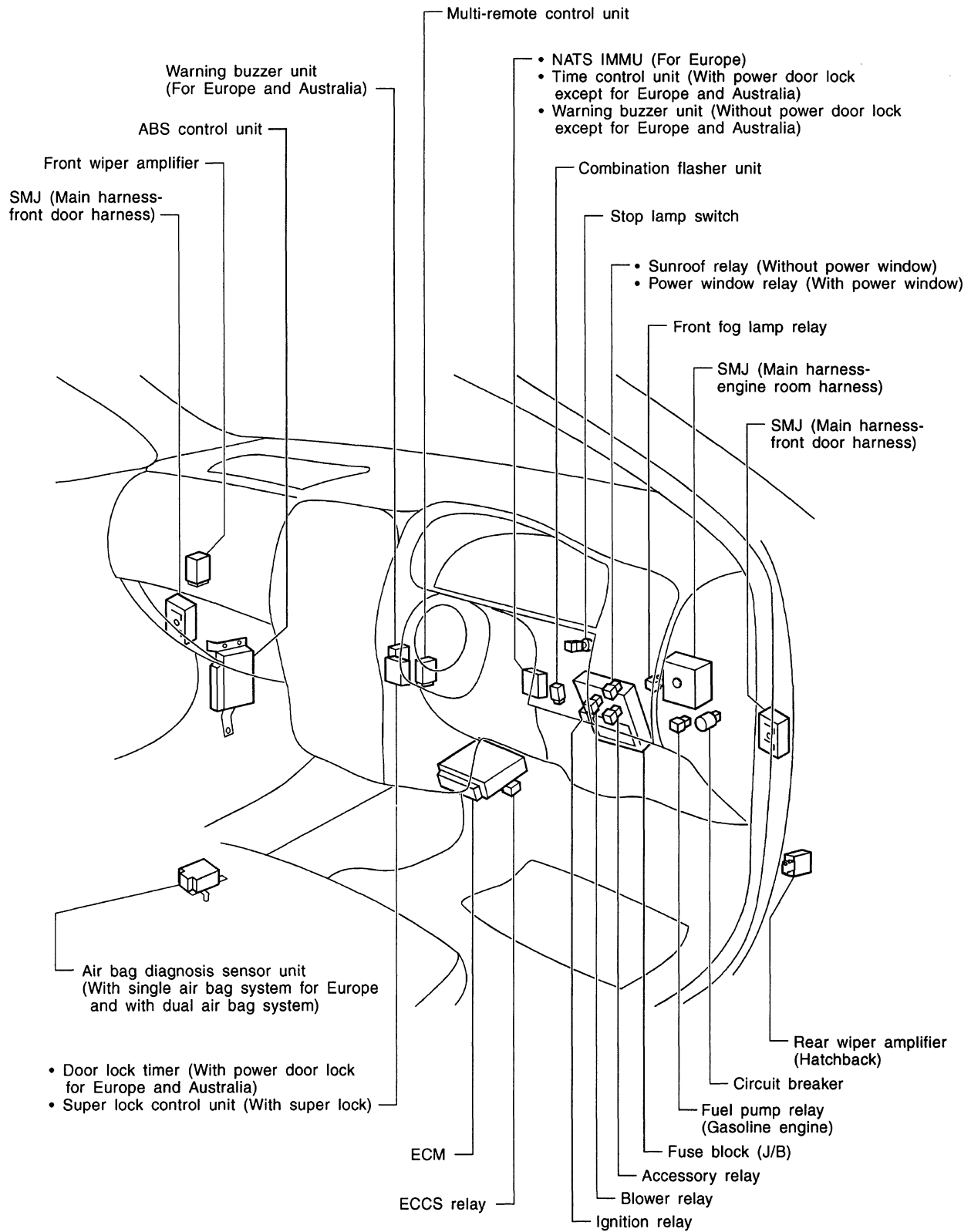
HA

EL

IDX

LOCATION OF ELECTRICAL UNITS

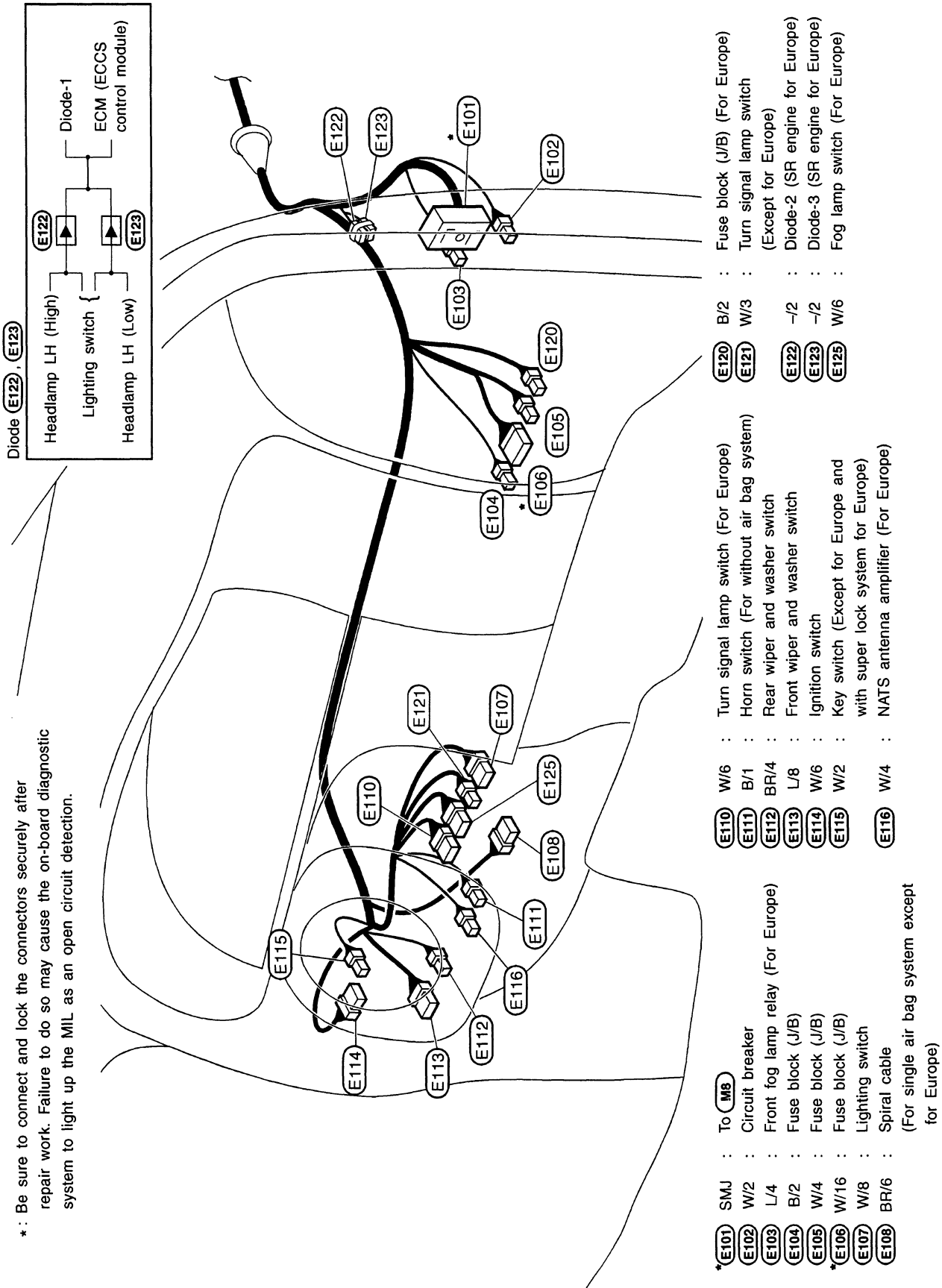
Passenger Compartment/RHD Models



HARNESS LAYOUT

Engine Room Harness/RHD Models

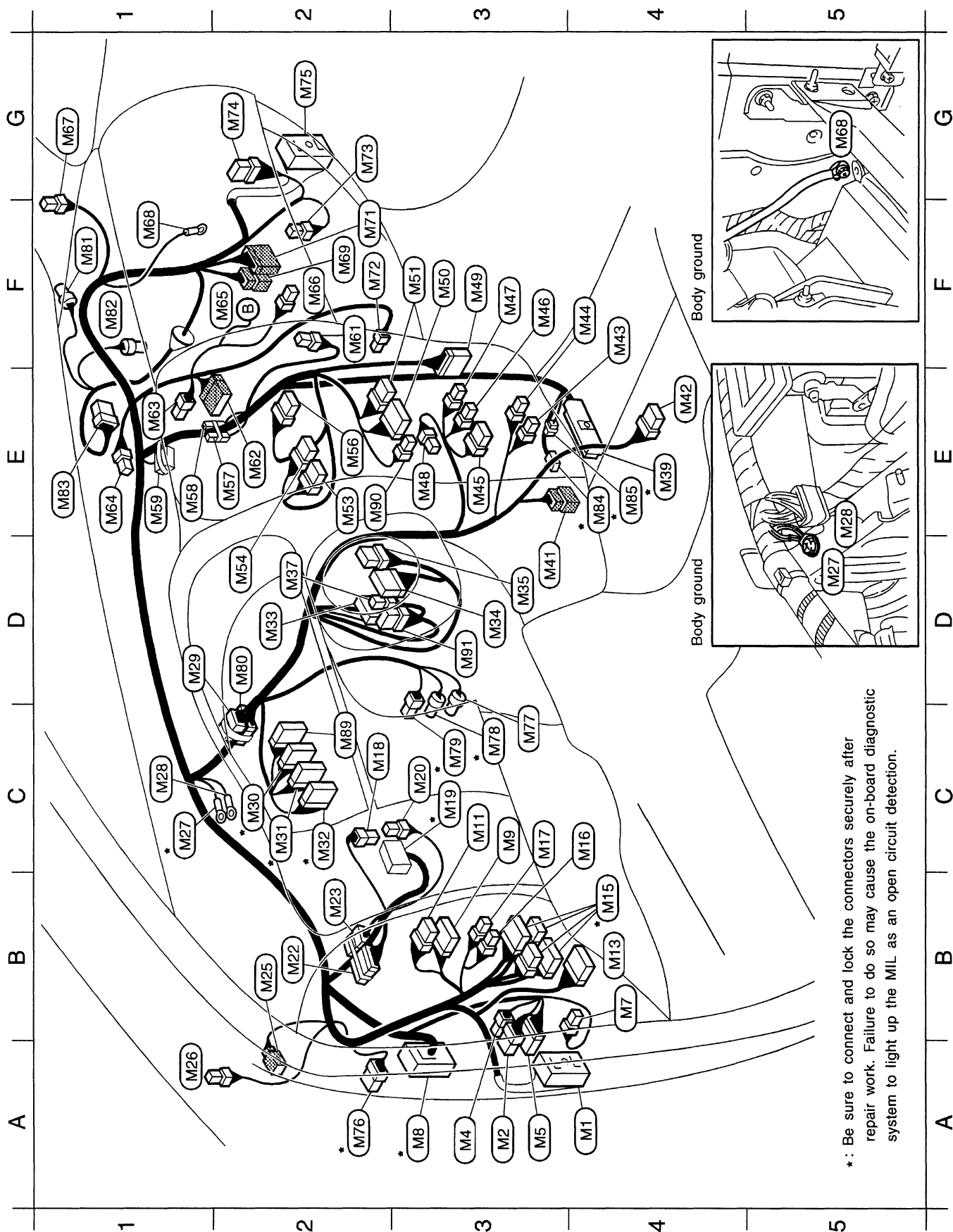
PASSENGER COMPARTMENT



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HARNESS LAYOUT

Main Harness/LHD Models

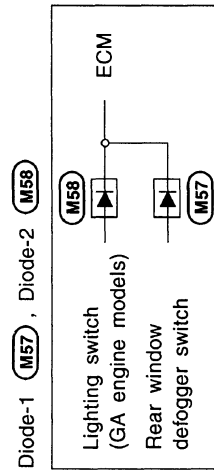


*: Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the on-board diagnostic system to light up the MIL as an open circuit detection.

HARNESS LAYOUT

Main Harness/LHD Models (Cont'd)

A4 (M1)	SMJ	: To (D1)			F2 (M71)	W/12	: To (B115) (Except GA engine without ABS, dual air bag, rear power window and multi-remote control system)
A3 (M2)	W/6	: To (B4) (With power door lock)					
A3 (M4)	W/4	: To (B1)					
A3 (M5)	W/16	: To (B2)					
B4 (M7)	L/4	: Fuel pump relay (Gasoline engine)			F2 (M72)	BR/4	: Fan resistor
A3 (M8)	SMJ	: To (E101)			G2 (M73)	W/2	: Blower motor
C3 (M9)	GY/12	: Door mirror remote control switch			G2 (M74)	W/8	: Front wiper amplifier
C3 (M11)	W/8	: Headlamp aiming switch			G2 (M75)	SMJ	: To (D31)
B4 (M13)	GY/14	: Data link connector for CONSULT			A2 (M76)	W/8	: To (E124) (Diesel engine)
B4 (M15)	W/8	: Fuse block (J/B)			C3 (M77)	GY/3	: Accelerator position switch (Diesel engine)
	GY/16						
BR/16					C3 (M78)	BR/3	: Accelerator position sensor (Diesel engine)
GY/8					C3 (M79)	W/3	: Accelerator switch (FC) (Diesel engine)
C4 (M16)	L/4	: Power window relay (With power window)			D2 (M80)	L/12	: Joint connector-9
		Sunroof relay (Without power window)			F1 (M81)	GY/2	: Side turn signal lamp RH (GA engine without ABS, dual air bag, rear power window and multi-remote control system)
C3 (M17)	L/4	: Mirror defogger relay (With daytime light system)			F1 (M82)	GY/2	: Power steering oil pressure switch (GA engine without ABS, dual air bag, rear power window and multi-remote control system)
C2 (M18)	B/2	: Stop lamp switch			E1 (M83)	GY/6	: Front wiper motor (GA engine without ABS, dual air bag, rear power window and multi-remote control system)
C3 (M19)	—	: Junction box No.2 (Joint connectors)					
C3 (M20)	B/3	: Combination flasher unit			E4 (M84)	BR/6	: ECCS relay (Diesel engine)
B2 (M22)	BR/20	: Joint connector-1			E4 (M85)	BR/20	: Joint connector-10 (Diesel engine)
B2 (M23)	GY/6	: Joint connector-2			C2 (M89)	W/14	: Combination meter (Without tachometer)
B2 (M25)	W/4	: To (R1)			E2 (M90)	W/2	: To antenna amp. sub-harness
A1 (M26)	BR/2	: Pillar speaker LH (For 6-speaker system)			D3 (M91)	BR/8	: Multi-remote control unit (With multi-remote control system)
		Pillar speaker RH (For 6-speaker system)					
C1 (M27)	—	: Body ground					
C1 (M28)	—	: Body ground					
D1 (M29)	W/6	: Joint connector-8					
C2 (M30)	W/10	: Combination meter (With tachometer)					
C2 (M31)	BR/16	: Combination meter (With tachometer)					
C2 (M32)	W/16	: Combination meter					
D2 (M33)	B/12	: Warning buzzer unit					
D3 (M34)	W/18	: Door lock timer (For Europe)					
D3 (M35)	W/8	: Door lock timer (Except for Europe)					
D2 (M37)	W/4	: Rear window defogger timer (With daytime light system)					
E4 (M39)	W/88	: ECM (Diesel engine)					

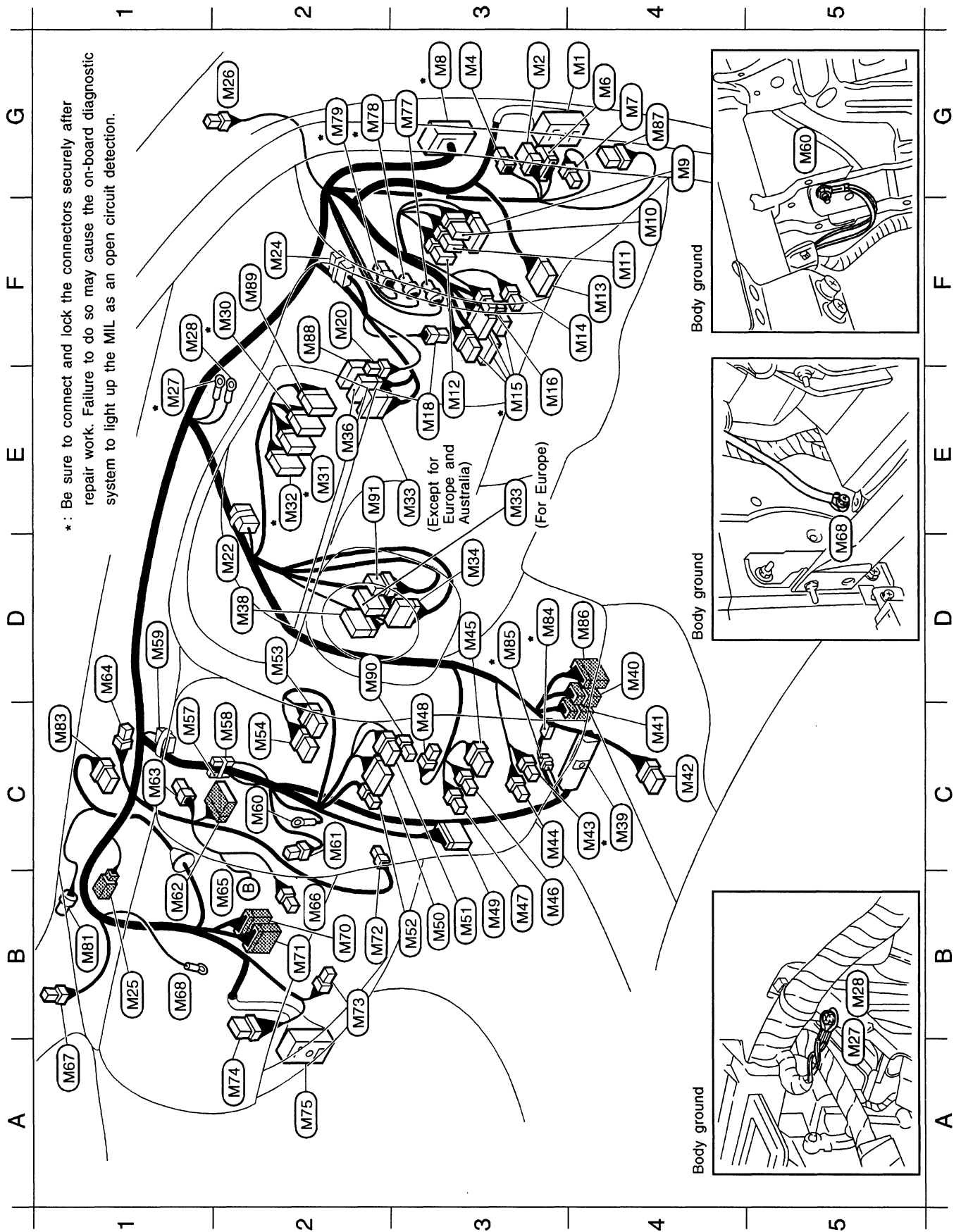


* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the on-board diagnostic system to light up the MIL as an open circuit detection.

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HARNESS LAYOUT

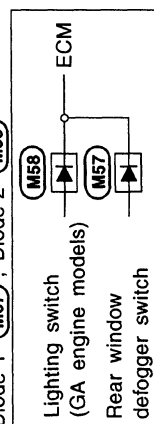
Main Harness/RHD Models



HARNESS LAYOUT

Main Harness/RHD Models (Cont'd)

G4 (M1)	SMJ	: To (D1)	D2 (M38)	W/8	: Warning buzzer unit (For Australia)	B2 (M71)	W/12	: To (B115) (Except GA engine without ABS, dual air bag, rear power window and multi-remote control system)
G3 (M2)	W/6	: To (B4) (With rear power door lock)	C4 (M39)	W/88	: ECM (Diesel engine)	B2 (M72)	BR/4	: Fan resistor
G3 (M4)	W/4	: To (B1)	D4 (M40)	W/6	: To (F4) (For Australia)	B2 (M73)	W/2	: Blower motor
G4 (M6)	W/20	: To (B3)	C4 (M41)	W/8	: To (F5) (Gasoline engine for Europe)	A2 (M74)	W/8	: Front wiper amplifier
G4 (M7)	L/4	: Fuel pump relay (Gasoline engine)	C4 (M42)	W/6	: Overdrive control switch	A2 (M75)	SMJ	: To (D31)
G3 (M8)	SMJ	: To (E101)	C4 (M43)	B/2	: Cigarette lighter	G3 (M77)	GY/3	: Accelerator position switch (Diesel engine)
G4 (M9)	GY/12	: Door mirror remote control switch	C3 (M44)	W/2	: Ashtray illumination	G2 (M78)	BR/3	: Accelerator position sensor (Diesel engine)
F4 (M10)	B/6	: Not used (Except for Europe)	D3 (M45)	W/6	: Fan switch	G2 (M79)	W/3	: Accelerator switch (FC) (Diesel engine)
F4 (M11)	W/8	: Headlamp aiming switch (For Europe)	B3 (M46)	W/4	: Recirculation switch	B1 (M81)	GY/2	: Side turn signal lamp LH (GA engine without ABS, dual air bag, rear power window and multi-remote control system)
E3 (M12)	W/6	: Illumination control switch (Except for Europe)	B3 (M47)	W/3	: A/C switch	C1 (M83)	GY/6	: Front wiper motor (GA engine without ABS, dual air bag, rear power window and multi-remote control system)
F4 (M13)	GY/14	: Data link connector for CONSULT	C3 (M48)	W/3	: Fan switch illumination	D3 (M84)	BR/6	: ECCS relay (Diesel engine)
F4 (M14)	B/2	: Fuse block (J/B) (Except for Europe)	B3 (M49)	W/20	: To (F6) (Gasoline engine)	D3 (M85)	BR/20	: Joint connector-10 (Diesel engine)
E3 (M15)	W/8	: Fuse block (J/B)	B3 (M50)	W/10	: Radio	D4 (M86)	W/10	: To (F33) (Except for Europe and Australia)
BR/16	GY/16		B3 (M51)	W/6	: Radio (For rear speaker)	G4 (M87)	B/8	: Rear wiper amplifier
E3 (M16)	L/4	: Power window relay (With power window)	B3 (M52)	W/4	: CD deck (Except for Europe)	F2 (M88)	W/18	: Time control unit (With power door lock except for Europe and Australia)
E3 (M18)	B/2	: Stop lamp switch	D2 (M53)	W/6	: Rear window defogger switch	F2 (M89)	W/14	: Combination meter (Without tachometer)
F2 (M20)	B/3	: Combination flasher unit	C2 (M54)	W/8	: Hazard switch	D2 (M90)	W/2	: To antenna amp. sub-harness (For Europe)
D2 (M22)	BR/20	: Joint connector-1	C1 (M57)	-/2	: Diode-1 (GA engine except for Australia and SR engine for Europe)	E2 (M91)	BR/8	: Multi-remote control unit (With multi-remote control system)
F2 (M24)	OR/20	: Joint connector-5	C2 (M58)	-/2	: Diode-2 (GA engine except for Australia)			
B1 (M25)	W/4	: To (R1)	D1 (M59)	P/20	: Joint connector-4			
G2 (M26)	BR/2	: Pillar speaker RH (For 6-speaker system)	C2 (M60)	—	: Body ground			
E1 (M27)	—	: Body ground	C2 (M61)	W/3	: Thermo control amplifier			
F1 (M28)	—	: Body ground	B1 (M62)	W/16	: To (Z6) (For dual air bag system and for Europe)			
F2 (M30)	W/10	: Combination meter (With tachometer)	C1 (M63)	W/4	: Intake door motor			
E2 (M31)	BR/16	: Combination meter (With tachometer)	D1 (M64)	B/2	: NATS security indicator (For Europe)			
E2 (M32)	W/16	: Combination meter	B2 (M65)	Bulb	: Glove box lamp (SLX, GTi and SSS grades, and SR grade with GA16DE engine)			
E3 (M33)	B/12	: Warning buzzer unit (For Europe and without power door lock except for Australia)	B2 (M66)	BR/2	: Glove box lamp switch (SLX, GTi and SSS grades, and SR grade with GA16DE engine)			
D3 (M34)	W/18	: Door lock timer (With power door lock for Europe and Australia)	A1 (M67)	BR/2	: Pillar speaker LH (For 6-speaker system)			
E2 (M36)	W/12	: NATS IMMU (For Europe)	B1 (M68)	—	: Body ground			



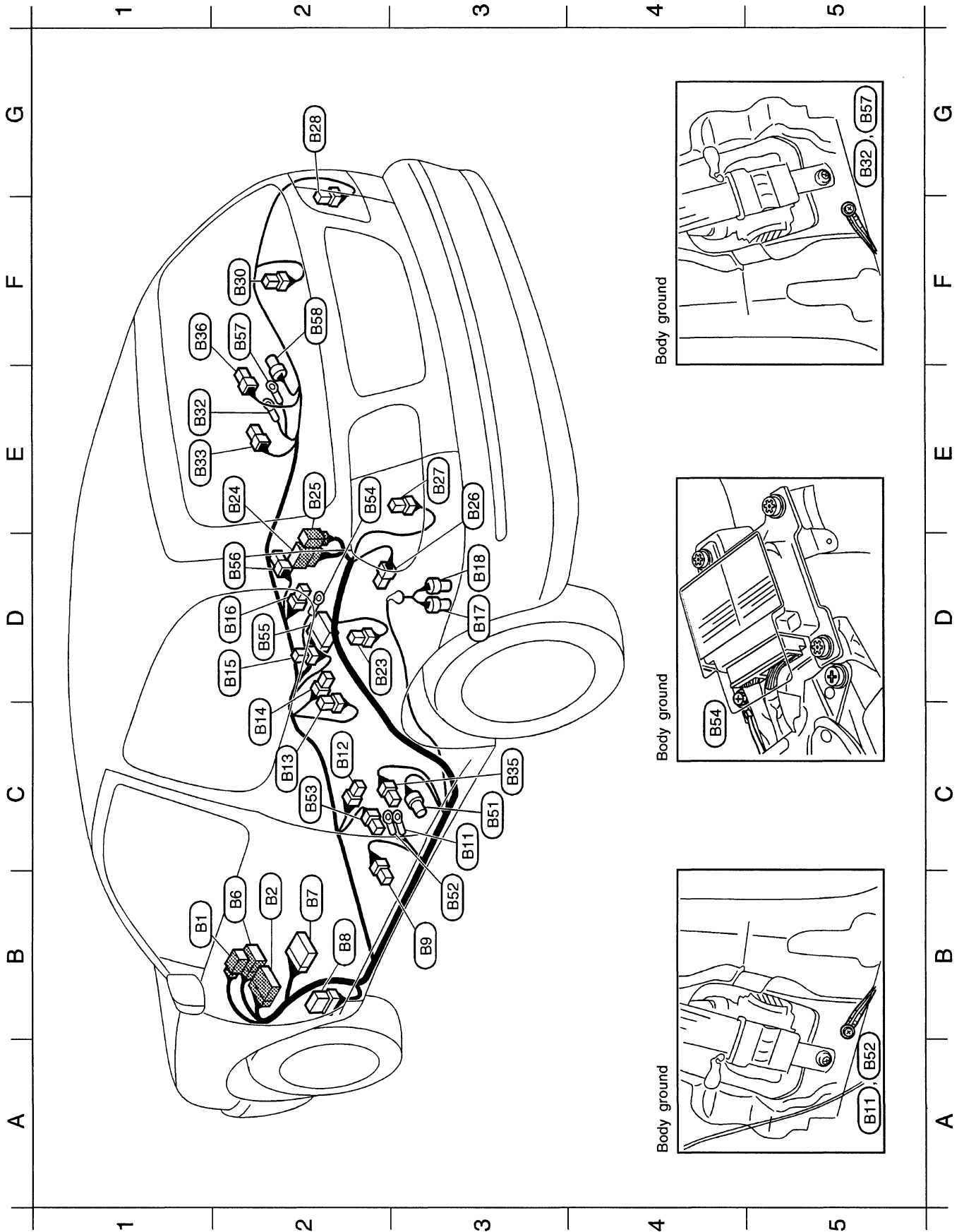
*: Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the on-board diagnostic system to light up the MIL as an open circuit detection.

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HARNESS LAYOUT

Body Harness/LHD Models

3-DOOR HATCHBACK



HARNESS LAYOUT

Body Harness/LHD Models (Cont'd)

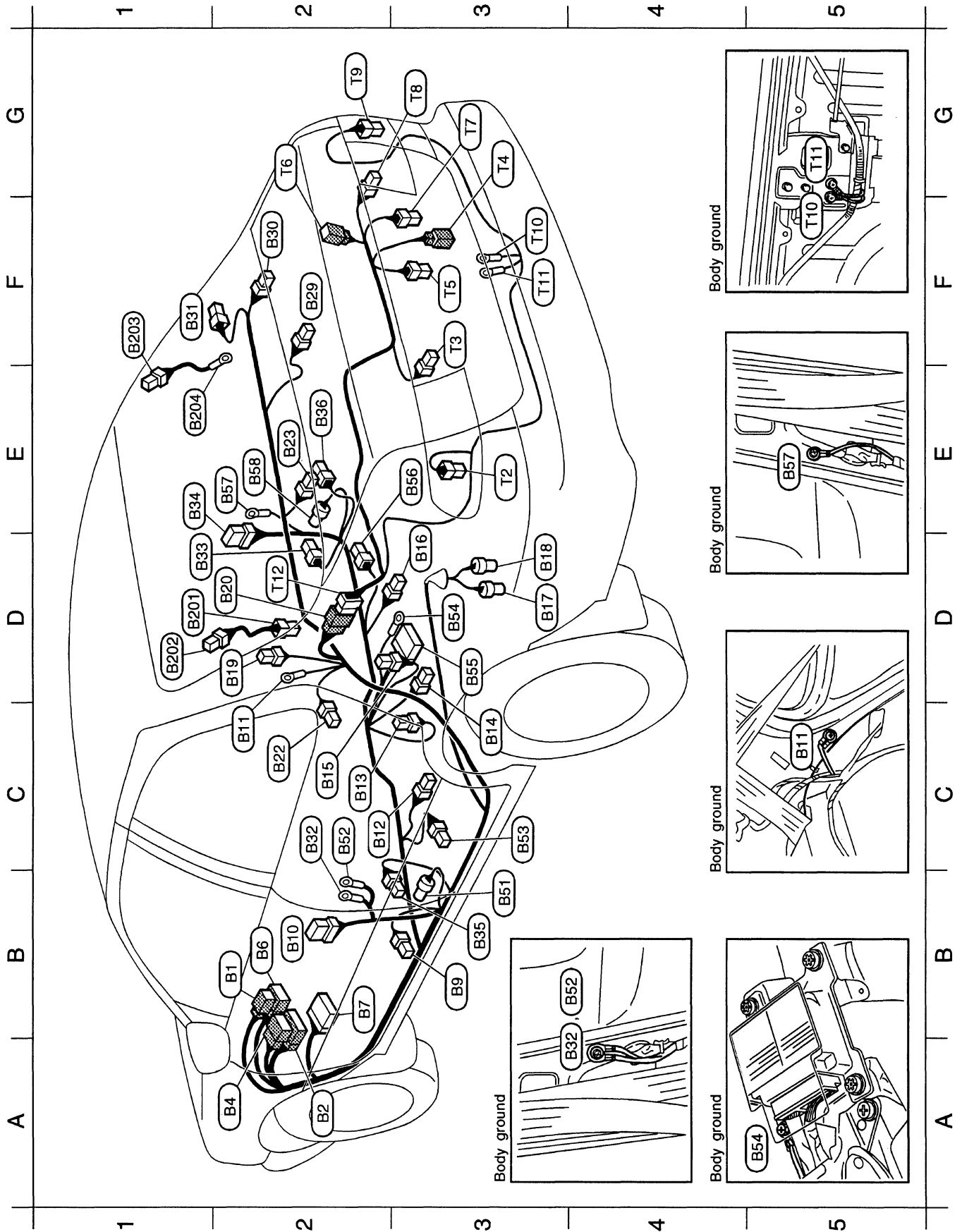
B1 (B1)	W/4	:	To (M4)	C3 (B51)	Y/2	:	Satellite sensor LH (With side air bag)
B2 (B2)	W/12	:	To (M5)	B3 (B52)	—	:	Body ground (With side air bag)
B2 (B6)	W/8	:	To (E117)	C2 (B53)	Y/2	:	To side air bag module sub-harness LH (With side air bag)
B2 (B7)	W/12	:	Fuse block (J/B)	E2 (B54)	—	:	Body ground (With side air bag)
B2 (B8)	W/6	:	Rear wiper amplifier	D2 (B55)	Y/10	:	Air bag diagnosis sensor unit (With side air bag)
B3 (B9)	B/3	:	Front door switch driver side	D2 (B56)	Y/2	:	To side air bag module sub-harness RH (With side air bag)
C3 (B11)	—	:	Body ground	F2 (B57)	—	:	Body ground (With side air bag)
C2 (B12)	W/3	:	To heated seat sub-harness LH (With daytime light system)	F2 (B58)	Y/2	:	Satellite sensor RH (With side air bag)
C2 (B13)	L/4	:	Heated seat switch LH (With daytime light system)				
C2 (B14)	B/1	:	Parking brake switch				
D2 (B15)	W/4	:	Heated seat switch RH (With daytime light system)				
D2 (B16)	W/3	:	To heated seat sub-harness RH (With daytime light system)				
D3 (B17)	GY/2	:	To fuel pump sub-harness (Gasoline engine)				
D3 (B18)	GY/3	:	Fuel tank gauge unit				
D2 (B23)	BR/2	:	Rear speaker LH				
E2 (B24)	W/8	:	To (D101)				
E2 (B25)	W/2	:	To (D102)				
E3 (B26)	W/2	:	Luggage room lamp				
E3 (B27)	W/4	:	Rear combination lamp LH (Outer)				
G2 (B28)	W/4	:	Rear combination lamp RH (Outer)				
F2 (B30)	BR/2	:	Rear speaker RH				
E1 (B32)	—	:	Body ground				
E1 (B33)	BR/1	:	Front door switch passenger side				
C3 (B35)	W/4	:	Seat belt pre-tensioner LH				
F1 (B36)	W/4	:	Seat belt pre-tensioner RH				

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HARNESS LAYOUT

Body Harness/LHD Models (Cont'd)

SEDAN



HARNESS LAYOUT

Body Harness/LHD Models (Cont'd)

Body harness

B2	B1	W/4	: To M4
A2	B2	W/12	: To M5
A2	B4	W/6	: To M2 (With power door lock)
B2	B6	W/8	: To E117
B2	B7	W/12	: Fuse block (J/B)
B3	B9	B/3	: Front door switch driver side
B2	B10	W/6	: To D51 (With power door lock)
C2	B11	—	: Body ground
C2	B12	W/3	: To heated seat sub-harness LH (With daytime light system)
C2	B13	L/4	: Heated seat switch LH (With daytime light system)
C3	B14	B/1	: Parking brake switch
C2	B15	W/4	: Heated seat switch RH
D3	B16	W/3	: To heated seat sub-harness RH (With daytime light system)
D3	B17	GY/2	: To fuel pump sub-harness (Gasoline engine)
D3	B18	GY/3	: Fuel tank gauge unit
D2	B19	B/1	: Condenser (For rear window defogger)
D2	B20	W/8	: To T12
C2	B22	BR/1	: Rear door switch LH
E2	B23	BR/2	: Rear speaker LH
F2	B29	W/2	: Trunk room lamp
F2	B30	BR/2	: Rear speaker RH
F1	B31	BR/1	: Rear door switch RH
C2	B32	—	: Body ground
D1	B33	BR/1	: Front door switch passenger side
E1	B34	W/6	: To D71 (With power door lock)
B3	B35	W/4	: Seat belt pre-tensioner LH
E2	B36	W/4	: Seat belt pre-tensioner RH
B3	B51	Y/2	: Satellite sensor LH (With side air bag)
C2	B52	—	: Body ground (With side air bag)
C3	B53	Y/2	: To side air bag module sub-harness LH (With side air bag)
D3	B54	—	: Body ground (With side air bag)
D3	B55	Y/10	: Air bag diagnosis sensor unit (With side air bag)
E3	B56	Y/2	: To side air bag module sub-harness RH (With side air bag)
E2	B57	—	: Body ground (With side air bag)
E2	B58	Y/2	: Satellite sensor RH (With side air bag)

Tail harness

E3	T2	W/4	: Rear combination lamp LH (Outer)
F3	T3	W/4	: Rear combination lamp LH (Inner)
G3	T4	B/2	: Trunk room lamp switch
F3	T5	W/2	: License plate lamp LH
G2	T6	BR/2	: High-mounted stop lamp
G3	T7	W/2	: License plate lamp RH
G3	T8	W/4	: Rear combination lamp RH (Inner)
G2	T9	W/4	: Rear combination lamp RH (Outer)
F3	T10	—	: Body ground
F3	T11	—	: Body ground
D2	T12	W/8	: To B20

Sub-harness

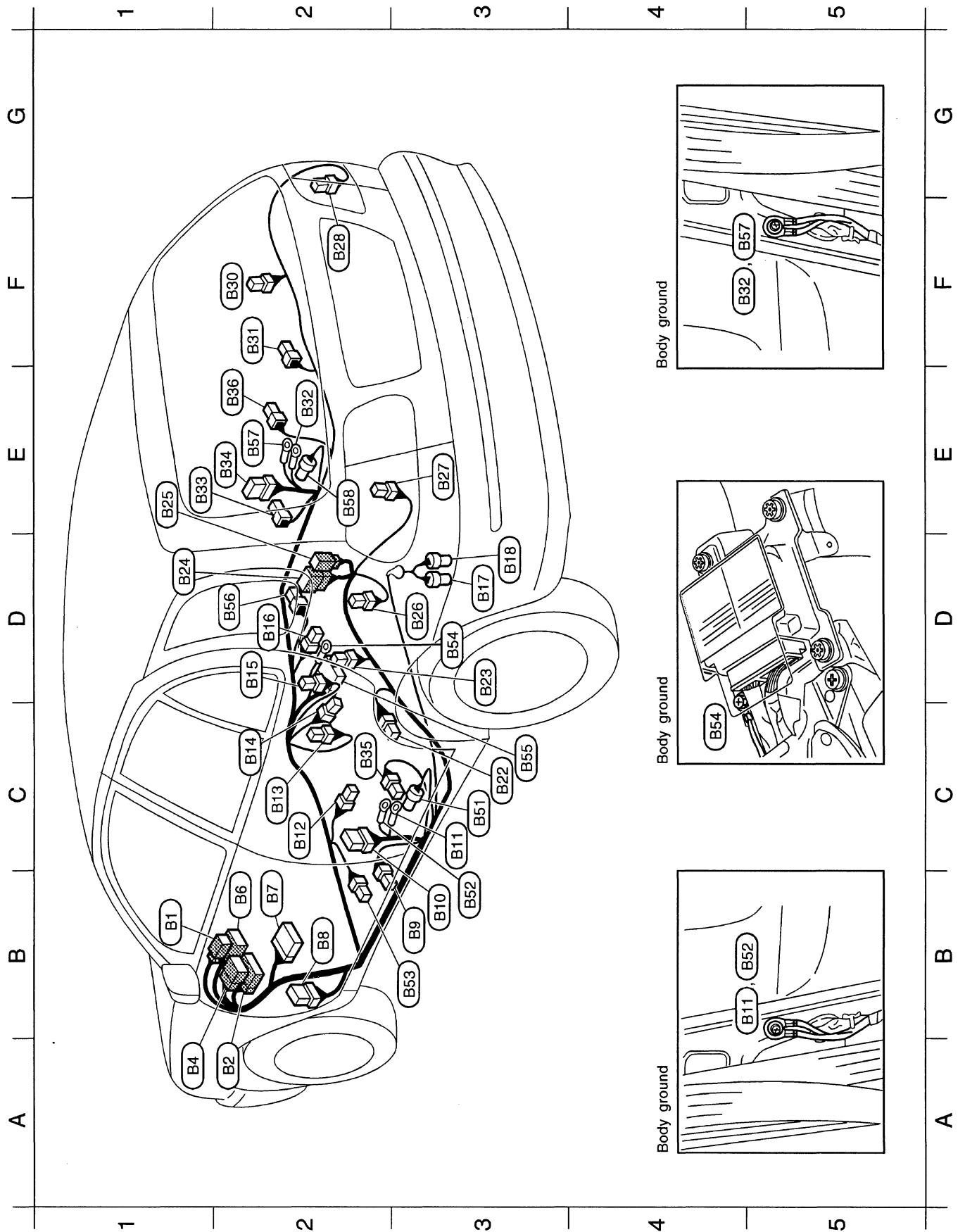
D1	B201	B/1	: Condenser
D1	B202	B/1	: Rear window defogger (+)
F1	B203	B/1	: Rear window defogger (—)
E1	B204	—	: Body ground

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HARNESS LAYOUT

Body Harness/LHD Models (Cont'd)

5-DOOR HATCHBACK



HARNESS LAYOUT

Body Harness/LHD Models (Cont'd)

B1	(B1)	W/4	:	To (M4)	C3	(B51)	Y/2	:	Satellite sensor LH (With side air bag)
A2	(B2)	W/12	:	To (M5)	B3	(B52)	—	:	Body ground (With side air bag)
A1	(B4)	W/6	:	To (M2)	B3	(B53)	Y/2	:	To side air bag module sub-harness LH (With side air bag)
B2	(B6)	W/8	:	To (E117)	D3	(B54)	—	:	Body ground (With side air bag)
B2	(B7)	W/12	:	Fuse block (J/B)	C3	(B55)	Y/10	:	Air bag diagnosis sensor unit (With side air bag)
B2	(B8)	W/6	:	Rear wiper amplifier	D2	(B56)	Y/2	:	To side air bag module sub-harness RH (With side air bag)
B3	(B9)	B/3	:	Front door switch driver side	E2	(B57)	—	:	Body ground (With side air bag)
B3	(B10)	W/6	:	To (D51) (With power door lock)	E2	(B58)	Y/2	:	Satellite sensor RH (With side air bag)
C3	(B11)	—	:	Body ground					
C2	(B12)	W/3	:	To heated seat sub-harness LH (With daytime light system)					
C2	(B13)	L/4	:	Heated seat switch LH (With daytime light system)					
C2	(B14)	B/1	:	Parking brake switch					
D2	(B15)	W/4	:	Heated seat switch RH (With daytime light system)					
D2	(B16)	W/3	:	To heated seat sub-harness RH (With daytime light system)					
D3	(B17)	GY/2	:	To fuel pump sub-harness (Gasoline engine)					
D3	(B18)	GY/3	:	Fuel tank gauge unit					
C3	(B22)	BR/1	:	Rear door switch LH					
D3	(B23)	BR/2	:	Rear speaker LH					
D1	(B24)	W/8	:	To (D101)					
E1	(B25)	W/2	:	To (D102)					
D3	(B26)	W/2	:	Luggage room lamp					
E3	(B27)	W/4	:	Rear combination lamp LH (Outer)					
F2	(B28)	W/4	:	Rear combination lamp RH (Outer)					
F2	(B30)	BR/2	:	Rear speaker RH					
F2	(B31)	BR/1	:	Rear door switch RH					
E2	(B32)	—	:	Body ground					
E1	(B33)	BR/1	:	Front door switch passenger side					
E2	(B34)	W/6	:	To (D71) (With power door lock)					
C2	(B35)	W/4	:	Seat belt pre-tensioner LH					
E2	(B36)	W/4	:	Seat belt pre-tensioner RH					

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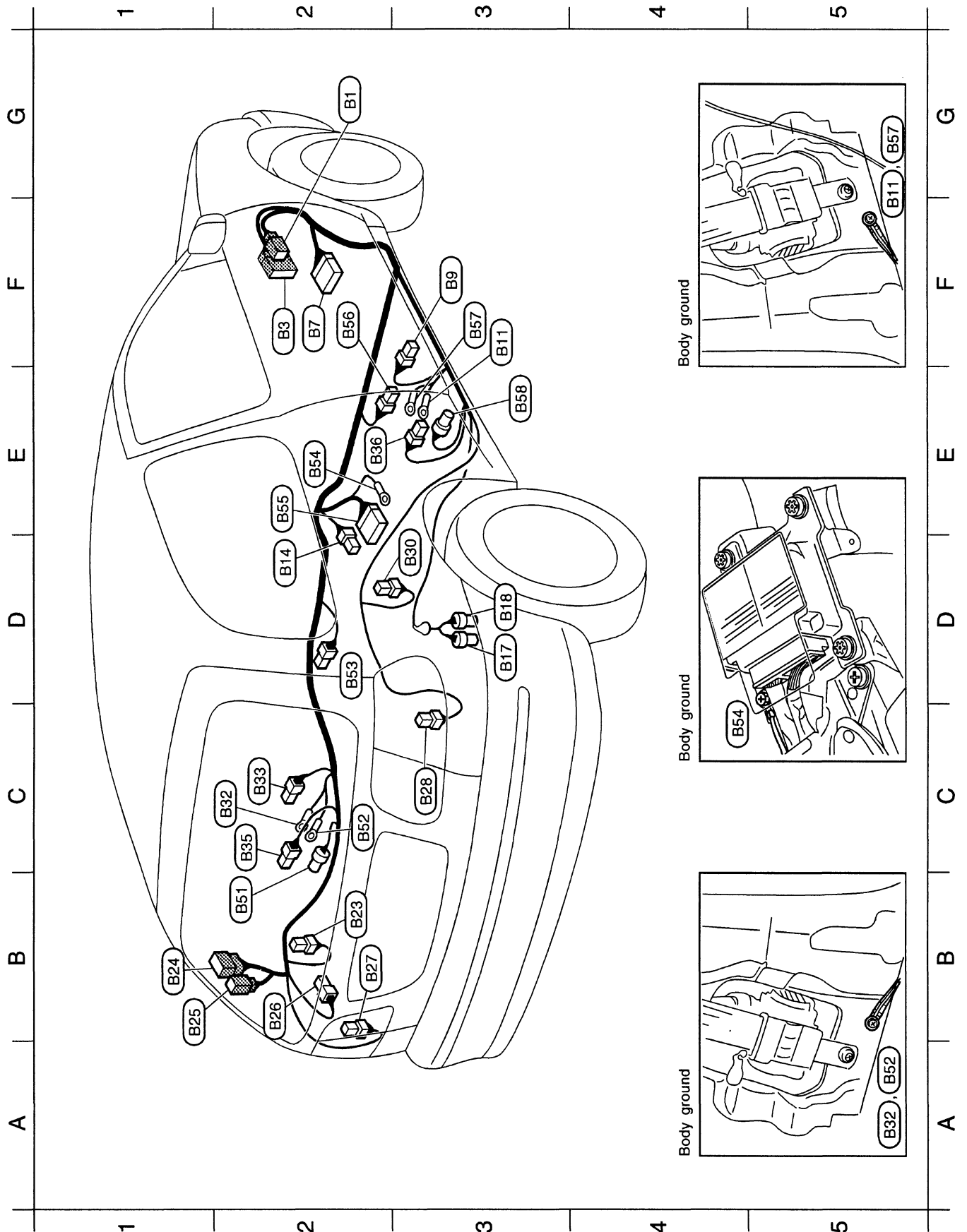
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HARNESS LAYOUT

Body Harness/RHD Models

3-DOOR HATCHBACK



HARNESS LAYOUT
Body Harness/RHD Models (Cont'd)

G2	(B1)	W/4	:	To (M4)
F2	(B3)	W/20	:	To (M6)
F2	(B7)	W/12	:	Fuse block (J/B)
F3	(B9)	B/3	:	Front door switch driver side
F3	(B11)	—	:	Body ground
D2	(B14)	B/1	:	Parking brake switch
D3	(B17)	GY/2	:	To fuel pump sub-harness
D3	(B18)	GY/3	:	Fuel tank gauge unit
B2	(B23)	BR/2	:	Rear speaker LH
B1	(B24)	W/8	:	To (D101)
B1	(B25)	W/2	:	To (D102)
B2	(B26)	W/2	:	Luggage room lamp
B2	(B27)	W/4	:	Rear combination lamp LH (Outer)
C3	(B28)	W/4	:	Rear combination lamp RH (Outer)
D3	(B30)	BR/2	:	Rear speaker RH
C2	(B32)	—	:	Body ground
C2	(B33)	BR/1	:	Front door switch passenger side
C2	(B35)	W/4	:	Seat belt pre-tensioner LH (For Europe)
E2	(B36)	W/4	:	Seat belt pre-tensioner RH (For Europe)

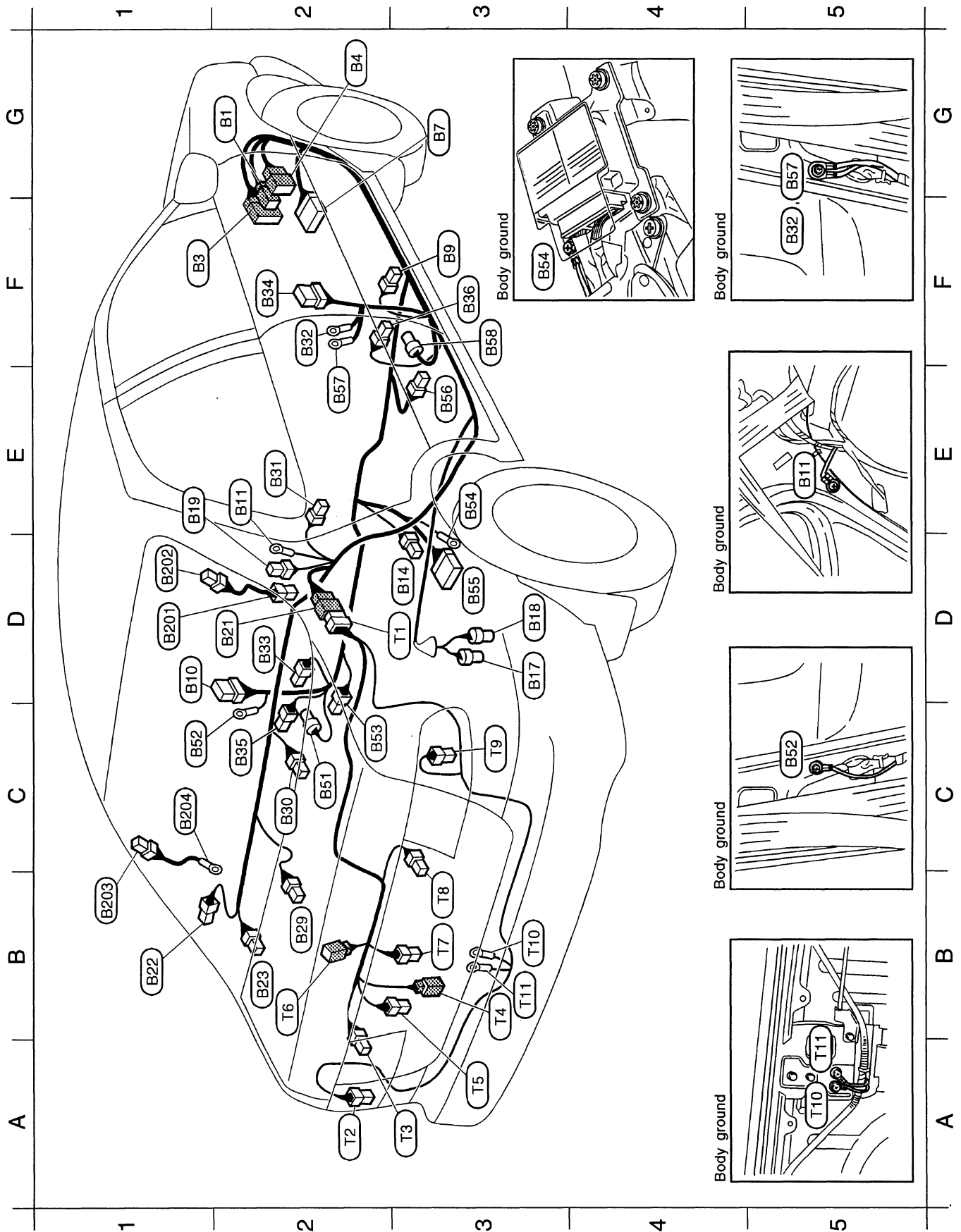
B2	(B51)	Y/2	:	Satellite sensor LH (With side air bag)
C2	(B52)	—	:	Body ground (With side air bag)
D2	(B53)	Y/2	:	To side air bag module sub-harness LH (With side air bag)
E2	(B54)	—	:	Body ground (With side air bag)
E2	(B55)	Y/10	:	Air bag diagnosis sensor unit (With side air bag)
F2	(B56)	Y/2	:	To side air bag module sub-harness RH (With side air bag)
F3	(B57)	—	:	Body ground (With side air bag)
E3	(B58)	Y/2	:	Satellite sensor RH (With side air bag)

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HARNESS LAYOUT

Body Harness/RHD Models (Cont'd)

SEDAN



HARNES LAYOUT

Body Harness/RHD Models (Cont'd)

Body harness

G2 (B1)	W/4	:	To (M4)
F1 (B3)	W/20	:	To (M6)
G2 (B4)	W/6	:	To (M2) (With power door lock)
G3 (B7)	W/12	:	Fuse block (J/B)
F3 (B9)	B/3	:	Front door switch driver's side
D1 (B10)	W/6	:	To (D51) (With power door lock)
E2 (B11)	—	:	Body ground
D3 (B14)	B/1	:	Parking brake switch
D3 (B17)	GY/2	:	To fuel pump sub-harness (Gasoline engine)
D3 (B18)	GY/3	:	Fuel tank gauge unit
E1 (B19)	B/1	:	Condenser (For rear window defogger)
D2 (B21)	W/8	:	To (T1)
B1 (B22)	BR/1	:	Rear door switch LH
B2 (B23)	BR/2	:	Rear speaker LH
B2 (B29)	W/2	:	Trunk room lamp
C2 (B30)	BR/2	:	Rear speaker RH
E2 (B31)	BR/1	:	Rear door switch RH
F2 (B32)	—	:	Body ground
D2 (B33)	BR/1	:	Front door switch passenger side
F2 (B34)	W/6	:	To (D71) (With power door lock)
C2 (B35)	W/4	:	Seat belt pre-tensioner LH (For Europe)
F3 (B36)	W/4	:	Seat belt pre-tensioner RH (For Europe)
C2 (B51)	Y/2	:	Satellite sensor LH (With side air bag)
C1 (B52)	—	:	Body ground (With side air bag)
C2 (B53)	Y/2	:	To side air bag module sub-harness LH (With side air bag)
E3 (B54)	—	:	Body ground (With side air bag)
D3 (B55)	Y/10	:	Air bag diagnosis sensor unit (With side air bag)
E3 (B56)	Y/2	:	To side air bag module sub-harness RH (With side air bag)
E2 (B57)	—	:	Body ground (With side air bag)
F3 (B58)	Y/2	:	Satellite sensor RH (With side air bag)

Tail harness

D3 (T1)	W/8	:	To (B21)
A2 (T2)	W/4	:	Rear combination lamp LH (Outer)
A3 (T3)	W/4	:	Rear combination lamp LH (Inner)
B3 (T4)	B/2	:	Trunk room lamp switch
A3 (T5)	W/2	:	License plate lamp LH
B2 (T6)	BR/2	:	High-mounted stop lamp
B3 (T7)	W/2	:	License plate lamp RH
B3 (T8)	W/4	:	Rear combination lamp RH (Inner)
C3 (T9)	W/4	:	Rear combination lamp RH (Outer)
B3 (T10)	—	:	Body ground
B3 (T11)	—	:	Body ground

Sub-harness

D1 (B201)	B/1	:	Condenser
D1 (B202)	B/1	:	Rear window defogger (+)
B1 (B203)	B/1	:	Rear window defogger (-)
C1 (B204)	—	:	Body ground

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Body Harness/RHD Models (Cont'd)

The diagram illustrates the electrical wiring for a vehicle's interior, showing the distribution of power from the battery to various components. The components are labeled with codes: B1, B2, B3, B4, B7, B9, B11, B14, B17, B18, B22, B23, B24, B25, B26, B27, B28, B30, B31, B32, B33, B34, B35, B36, B51, B52, B53, B54, B55, B56, B57, and B58. The wiring is shown as a network of lines connecting these components. Three detailed insets provide specific information about ground connections:

- Inset 1 (Top Left):** Shows the ground connection for components B11 and B57, labeled "Body ground".
- Inset 2 (Top Right):** Shows the ground connection for component B54, labeled "Body ground".
- Inset 3 (Bottom):** Shows the ground connection for components B32 and B52, labeled "Body ground".

HARNESS LAYOUT

Body Harness/RHD Models (Cont'd)

F2 (B1)	W/4	:	To (M4)	C2 (B51)	Y/2	:	Satellite sensor LH (With side air bag)
F2 (B3)	W/20	:	To (M6)	C2 (B52)	—	:	Body ground (With side air bag)
F2 (B4)	W/6	:	To (M2) (With power door lock)	D2 (B53)	Y/2	:	To side air bag module sub-harness LH (With side air bag)
F2 (B7)	W/12	:	Fuse block (J/B)	E3 (B54)	—	:	Body ground (With side air bag)
F3 (B9)	B/3	:	Front door switch driver side	E2 (B55)	Y/10	:	Air bag diagnosis sensor unit (With side air bag)
C2 (B10)	W/6	:	To (D51) (With power door lock)	F3 (B56)	Y/2	:	To side air bag module sub-harness RH (With side air bag)
E3 (B11)	—	:	Body ground	E2 (B57)	—	:	Body ground (With side air bag)
E2 (B14)	B/1	:	Parking brake switch	E3 (B58)	Y/2	:	Satellite sensor RH (With side air bag)
D3 (B17)	GY/2	:	To fuel pump sub-harness (Gasoline engine)				
D3 (B18)	GY/3	:	Fuel tank gauge unit				
B2 (B22)	BR/1	:	Rear door switch LH				
B2 (B23)	BR/2	:	Rear speaker LH				
A2 (B24)	W/8	:	To (D101)				
A2 (B25)	W/2	:	To (D102)				
B2 (B26)	W/2	:	Luggage room lamp				
B3 (B27)	W/4	:	Rear combination lamp LH (Outer)				
C3 (B28)	W/4	:	Rear combination lamp RH (Outer)				
D2 (B30)	BR/2	:	Rear speaker RH				
D3 (B31)	BR/1	:	Rear door switch RH				
C2 (B32)	—	:	Body ground				
D2 (B33)	BR/1	:	Front door switch passenger side				
F3 (B34)	W/6	:	To (D71) (With power door lock)				
C2 (B35)	W/4	:	Seat belt pre-tensioner LH (For Europe)				
E2 (B36)	W/4	:	Seat belt pre-tensioner RH (For Europe)				

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