

SECTION **EL****When you read wiring diagrams:**

- Read GI section, "HOW TO READ WIRING DIAGRAMS".

When you perform trouble diagnoses, read GI section, "HOW TO FOLLOW FLOW CHART IN TROUBLE DIAGNOSES" and "HOW TO PERFORM EFFICIENT DIAGNOSIS FOR AN ELECTRICAL INCIDENT".

- Check for any service bulletins before servicing the vehicle.

MODIFICATION NOTICE:

- Combination meter has been changed.
- Wiring Diagram has been changed.

CONTENTS

PRECAUTIONS AND PREPARATION	3004	Service Data and Specifications (SDS)	3038
Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER" ...	3004	CHARGING SYSTEM	3039
Precautions for Trouble Diagnoses	3004	Wiring Diagram — CHARGE —	3039
Precautions for Harness Repair	3004	Service Data and Specifications (SDS)	3040
POWER SUPPLY ROUTING	3006	HEADLAMP — Conventional Type —	3041
Schematic	3006	Wiring Diagram — H/LAMP —	3041
Wiring Diagram — POWER —	3007	HEADLAMP — Headlamp Aiming Control — ..	3042
GROUND DISTRIBUTION	3017	Wiring Diagram — H/AIM —	3042
Engine Room Harness/LHD Models	3017	HEADLAMP — Daytime Light System —	3044
Engine Room Harness/RHD Models	3019	Wiring Diagram — DTRL —	3044
Main Harness/LHD Models	3021	PARKING, LICENSE AND TAIL LAMPS	3046
Main Harness/RHD Models	3024	Wiring Diagram — TAIL/L —/Type A	3046
Body Harness/LHD Models	3027	Wiring Diagram — TAIL/L —/Type B	3048
Body Harness/RHD Models	3029	Wiring Diagram — TAIL/L —/Type C	3050
Body No. 2 Harness/LHD Models	3030	FRONT FOG LAMP	3052
Body No. 2 Harness/RHD Models	3031	Wiring Diagram — F/FOG —/For Israel	3052
Back Door and Rear Window Defogger		Wiring Diagram — F/FOG —/RHD Models	
Harness/LHD Models	3032	for Europe	3053
Back Door and Rear Window Defogger		Wiring Diagram — F/FOG —/LHD Models	
Harness/RHD Models	3033	for Europe	3054
COMBINATION SWITCH	3034	REAR FOG LAMP	3055
Check	3034	Wiring Diagram — R/FOG —/For Europe	3055
STEERING SWITCH	3036	TURN SIGNAL AND HAZARD WARNING	
Check	3036	LAMPS	3058
BATTERY	3037	Wiring Diagram — TURN —/Type A	3058
Service Data and Specifications (SDS)	3037	Wiring Diagram — TURN —/Type C	3060
STARTING SYSTEM	3038	ILLUMINATION	3062
		Schematic	3062

Wiring Diagram — ILL —	3063
INTERIOR ROOM LAMP — With Timer —	3069
Schematic/LHD Models for Israel	3069
Wiring Diagram — ROOM/L —/LHD Models for Israel	3070
Wiring Diagram — ROOM/L —/LHD Models for Europe	3073
Wiring Diagram — ROOM/L —/RHD Models for Europe	3075
INTERIOR ROOM LAMP — Without Timer —	3077
Wiring Diagram — ROOM/L —/LHD Models ..	3077
Wiring Diagram — ROOM/L —/RHD Models..	3078
METER AND GAUGES	3079
Combination Meter.....	3079
Schematic	3080
Wiring Diagram — METER —	3081
COMPASS AND THERMOMETER.....	3083
Wiring Diagram — COMPAS —	3083
WARNING LAMPS	3084
Schematic	3084
Wiring Diagram — WARN —	3086
WARNING CHIME	3098
Wiring Diagram — CHIME —/Except for Europe and with Theft Warning System Models.....	3098
Wiring Diagram — CHIME —/LHD Models for Europe	3099
FRONT WIPER AND WASHER.....	3100
Wiring Diagram — WIPER —/Except for Europe.....	3100
HEADLAMP WASHER.....	3101
Wiring Diagram — HLC —	3101
Washer Tube Layout	3103
CIGARETTE LIGHTER.....	3104
Wiring Diagram — CIGAR —/LHD Models	3104
Wiring Diagram — CIGAR —/RHD Models	3105
WIPER DEICER.....	3106
Wiring Diagram — DEICER —	3106
REAR WINDOW DEFOGGER.....	3107
Wiring Diagram — DEF —/LHD Models for Europe	3107
AUDIO	3109
Schematic/Except for Europe	3109
Schematic/For Europe	3110
Wiring Diagram — AUDIO —/LHD Models Except for Europe	3111
Wiring Diagram — AUDIO —/LHD Models for Europe.....	3114
Wiring Diagram — CD/CHG —/With IDIN Type CD Auto Changer	3117
Wiring Diagram — REMOTE —	3118
CLOCK.....	3119
Wiring Diagram — CLOCK —	3119
POWER DOOR LOCK.....	3120

Schematic/Without Theft Warning System Models.....	3120
Wiring Diagram — D/LOCK —/Without Theft Warning System Models.....	3121
Schematic/With Theft Warning System Models.....	3124
Wiring Diagram — D/LOCK —/With Theft Warning System Models.....	3125
POWER DOOR LOCK — Super Lock —	3133
Schematic	3133
Wiring Diagram — S/LOCK —/LHD Models ..	3134
Wiring Diagram — S/LOCK —/RHD Models...	3139
MULTI-REMOTE CONTROL SYSTEM.....	3144
Schematic/With Theft Warning System Models.....	3144
Wiring Diagram — MULTI —/Except for Europe and With Theft Warning System Models.....	3145
Wiring Diagram — MULTI —/LHD Models with Theft Warning System	3149
Wiring Diagram — MULTI —/RHD Models with Theft Warning System.....	3153
THEFT WARNING SYSTEM	3156
Schematic	3156
Wiring Diagram — THEFT —/LHD Models.....	3157
Wiring Diagram — THEFT —/RHD Models	3162
UNIFIED METER CONTROL UNIT (TIME CONTROL SYSTEM).....	3167
Schematic/Except for Europe and With Theft Warning System Models.....	3167
NATS (Nissan Anti-Theft System)/ZD ENGINE MODELS	3168
Wiring Diagram — NATS —/For Europe.....	3168
Wiring Diagram — NATS —/LHD Models for Europe.....	3169
Wiring Diagram — NATS —/RHD Models for Europe.....	3170
Wiring Diagram — NATS —/Except for Europe.....	3171
LOCATION OF ELECTRICAL UNITS.....	3172
Engine Compartment.....	3172
Passenger Compartment — LHD Models	3174
Passenger Compartment — RHD Models	3176
HARNESS LAYOUT	3179
How to Read Harness Layout	3179
Main Harness/LHD Models.....	3180
Main Harness/RHD Models	3184
Engine Room Harness/LHD Models.....	3188
Engine Room Harness/RHD Models	3192
Engine Harness	3196
Body Harness/LHD Models	3198
Body Harness/RHD Models.....	3202
Body No. 2 Harness/LHD Models	3204
Body No. 2 Harness/RHD Models.....	3206

Chassis Harness.....	3208
Back Door Harness and Rear Window	
Defogger Harness.....	3209
WIRING DIAGRAM CODES (CELL CODES).....	3210
Wiring Diagram Codes (Cell Codes)	3210

PRECAUTIONS AND PREPARATION

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 Y61 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. SRS wiring harnesses can be identified by yellow harness connector.

Precautions for Trouble Diagnoses

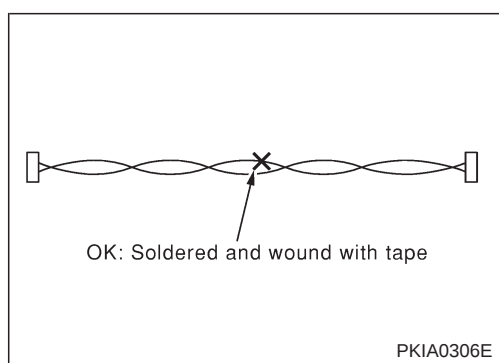
CAN SYSTEM

- Do not apply voltage of 7.0V or higher to the measurement terminals.
- Use the tester with its open terminal voltage being 7.0V or less.

Precautions for Harness Repair

CAN SYSTEM

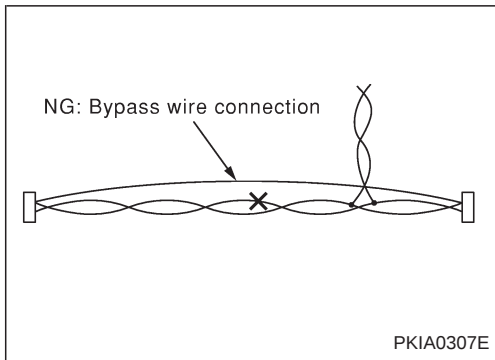
- Solder the repaired parts, and wrap with tape. [Frays of twisted line must be within 110 mm (4.33 in)]



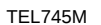
PRECAUTIONS AND PREPARATION

Precautions for Harness Repair (Cont'd)

- Do not perform bypass wire connections for the repair parts. (The spliced wire will become separated and the characteristics of twisted line will be lost.)



Schematic

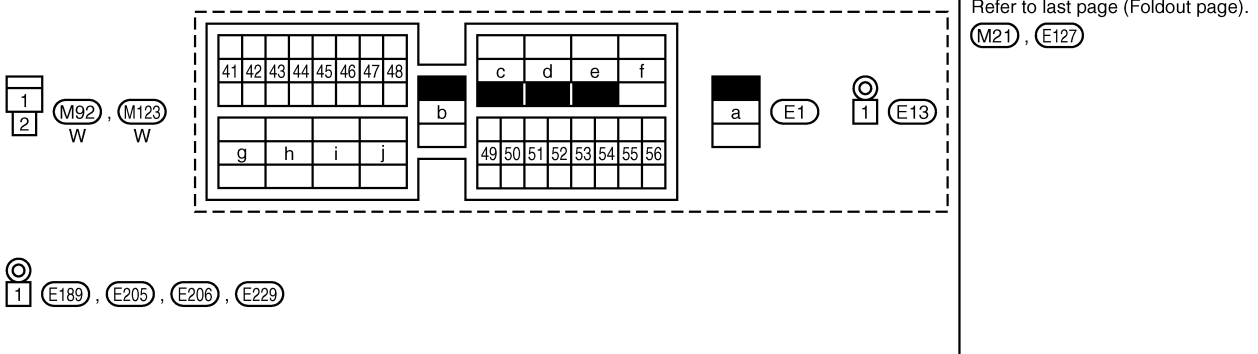
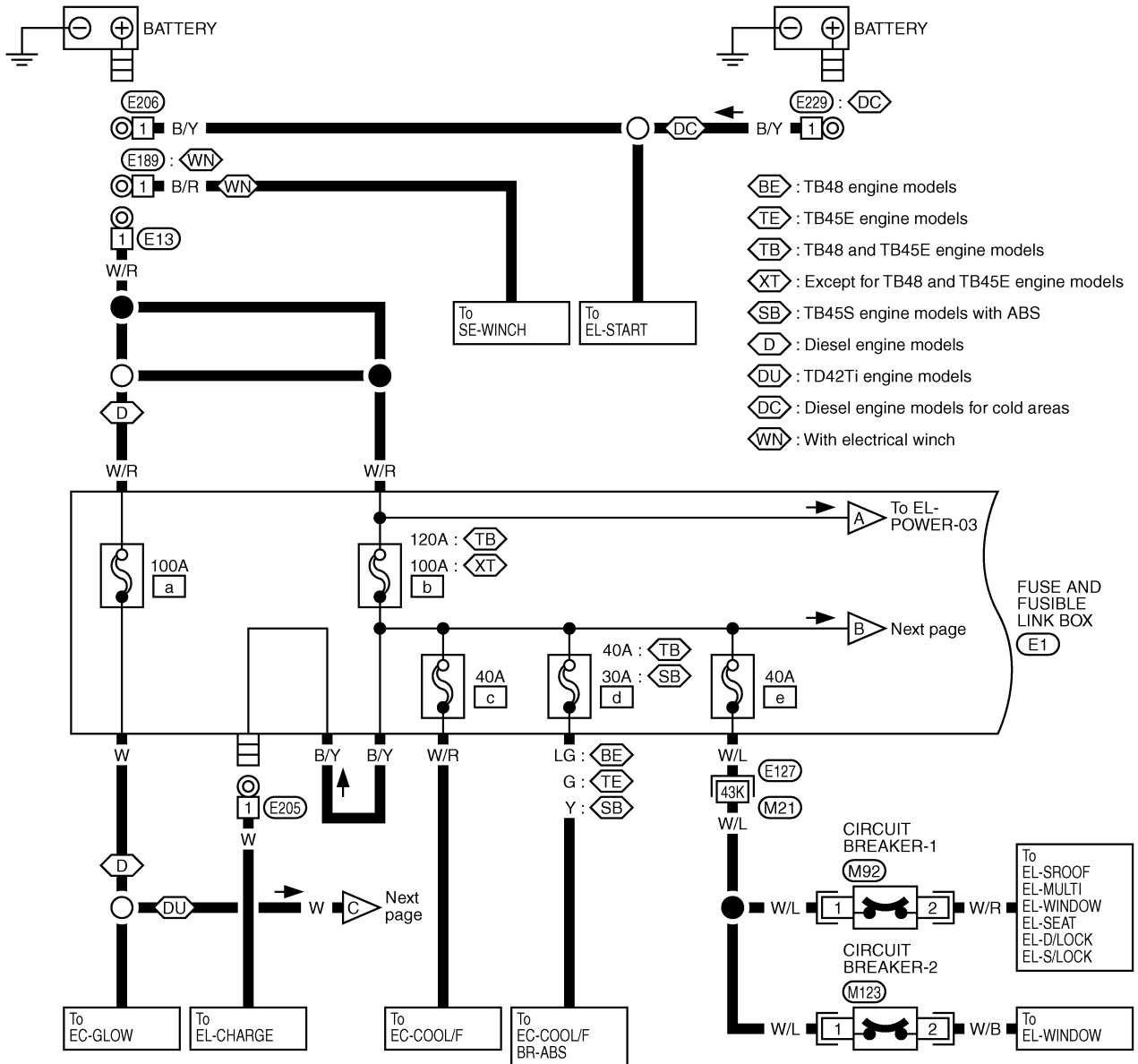


POWER SUPPLY ROUTING

Wiring Diagram — POWER —

BATTERY POWER SUPPLY — IGNITION SW. IN ANY POSITION

EL-POWER-01

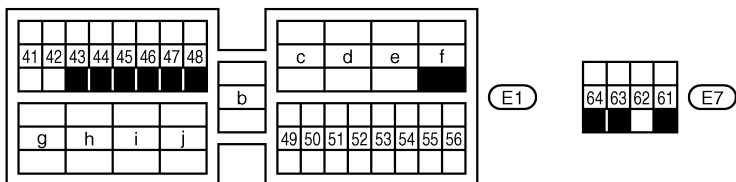
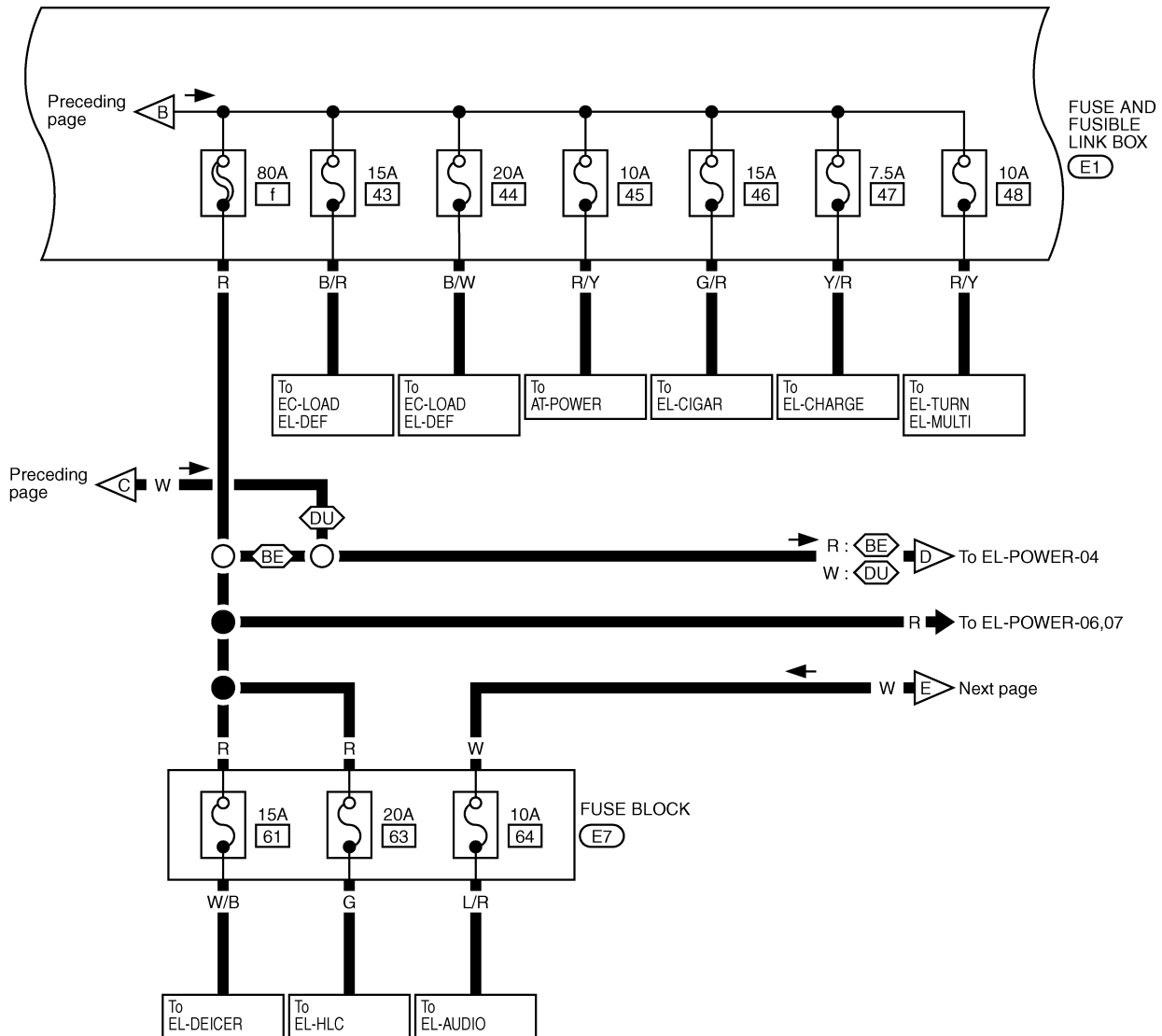


Wiring Diagram — POWER — (Cont'd)

EL-POWER-02

 : TB48 engine models

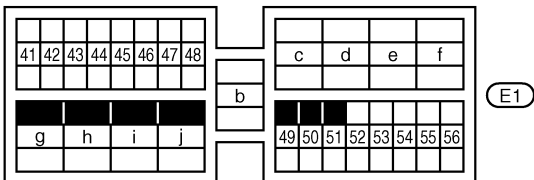
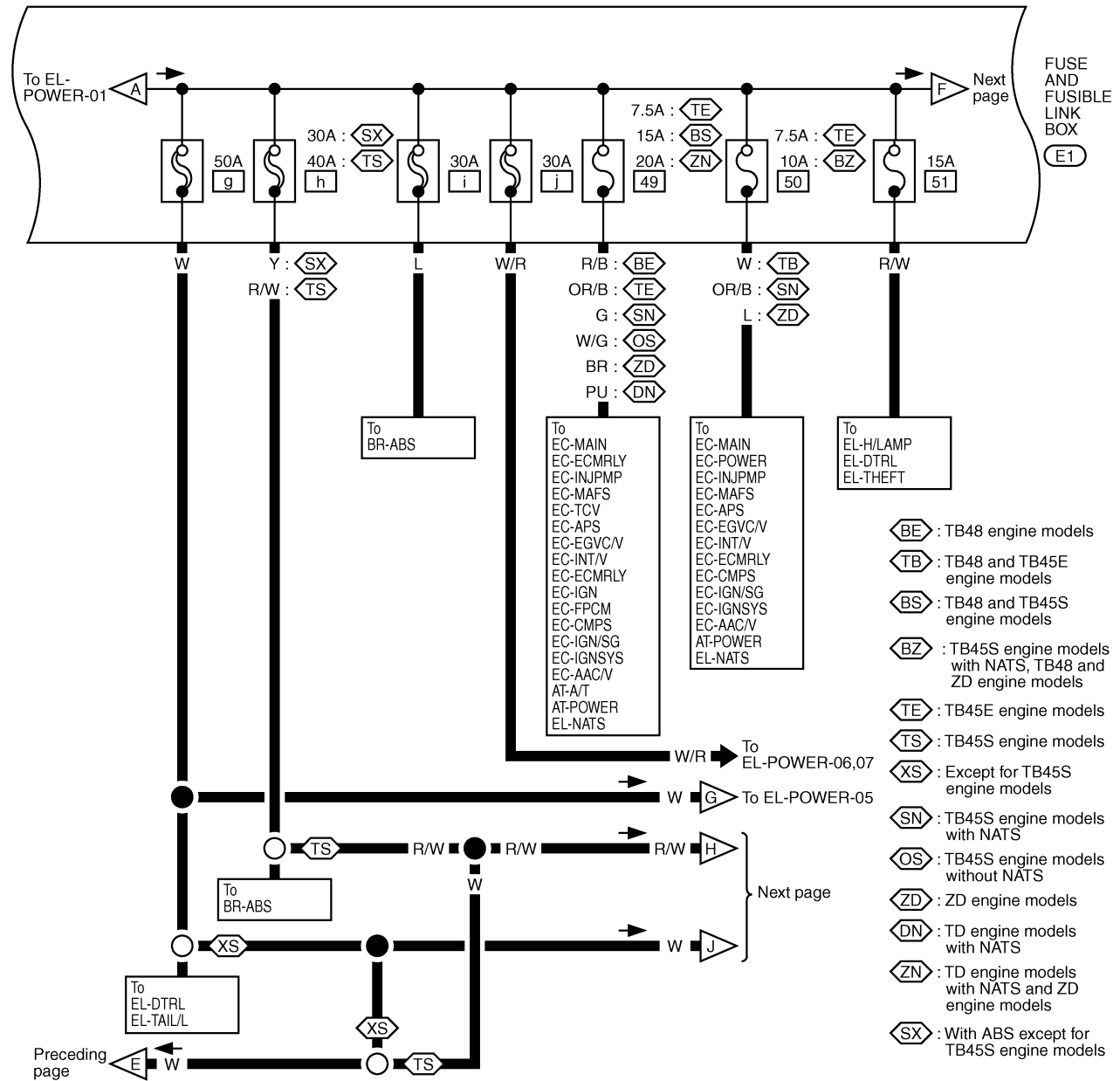
 : TD42Ti engine models



POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

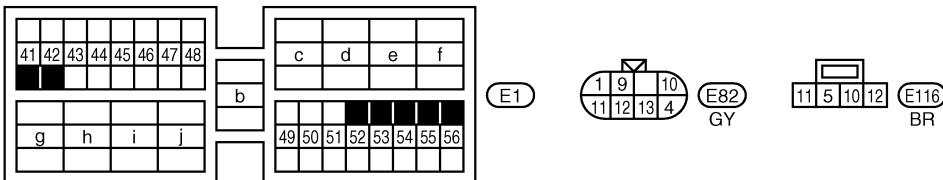
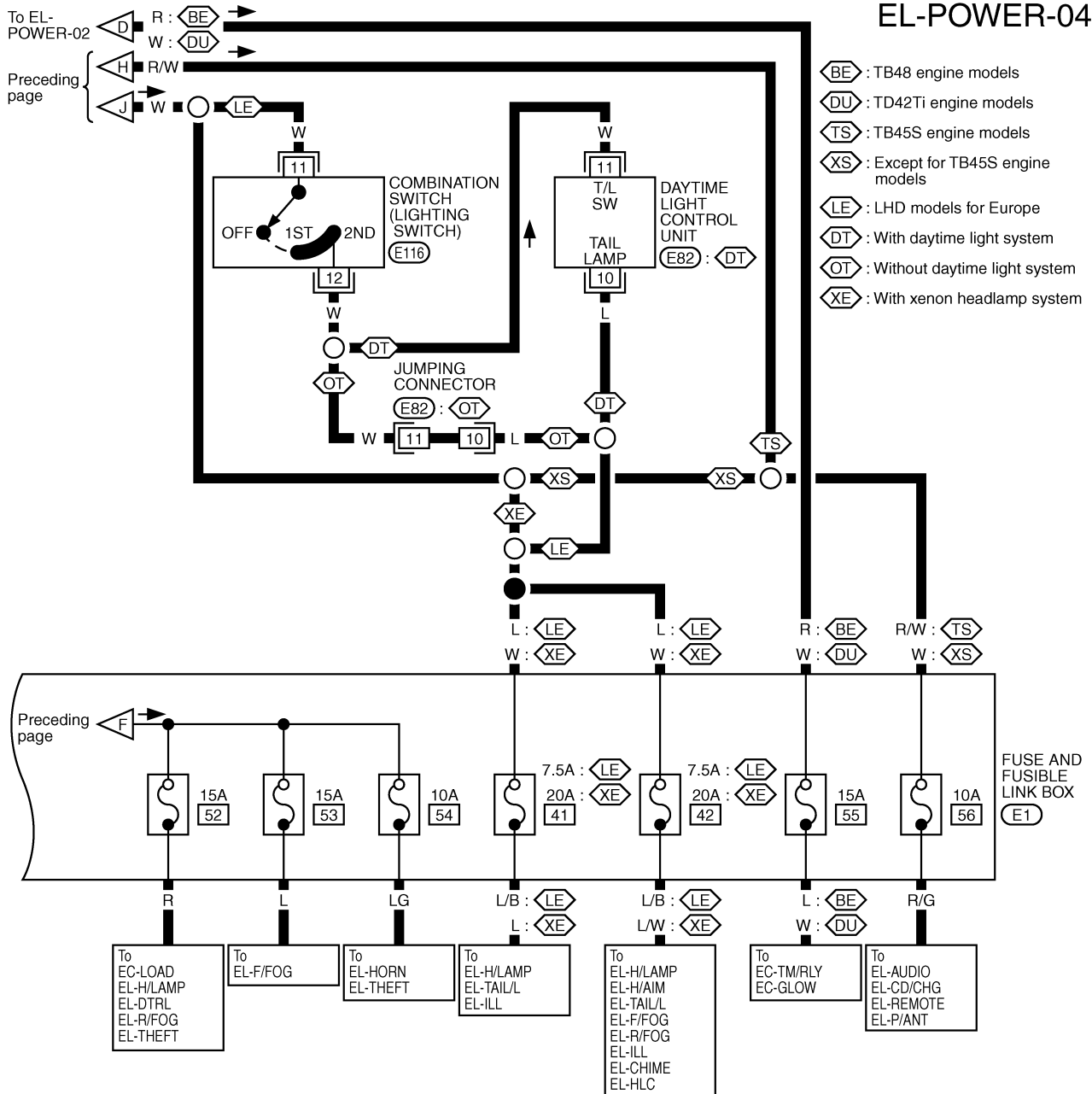
EL-POWER-03



POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

EL-POWER-04

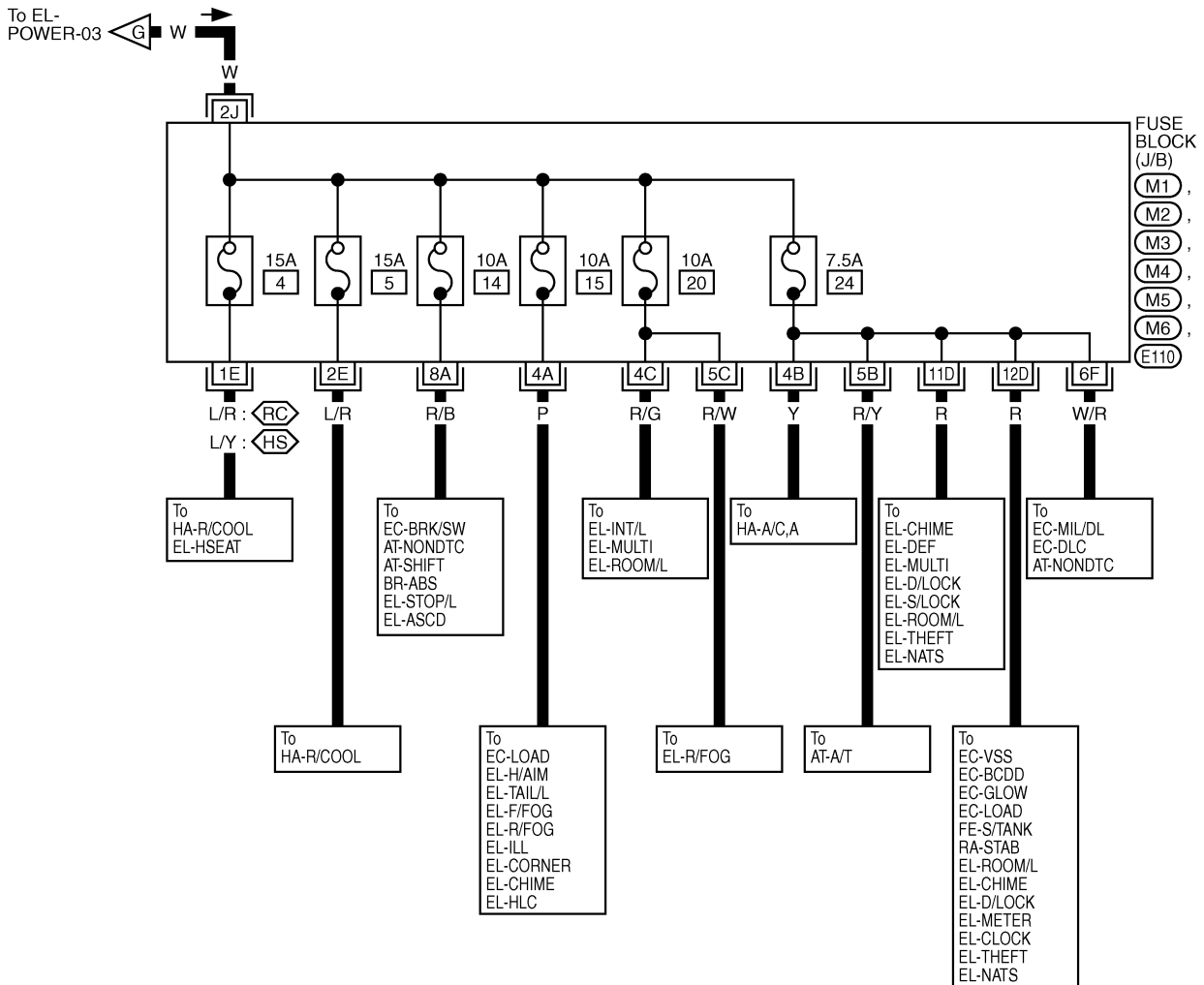


POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

EL-POWER-05

RC : With rear cooler
HS : With heated seat



Refer to last page (Foldout page).

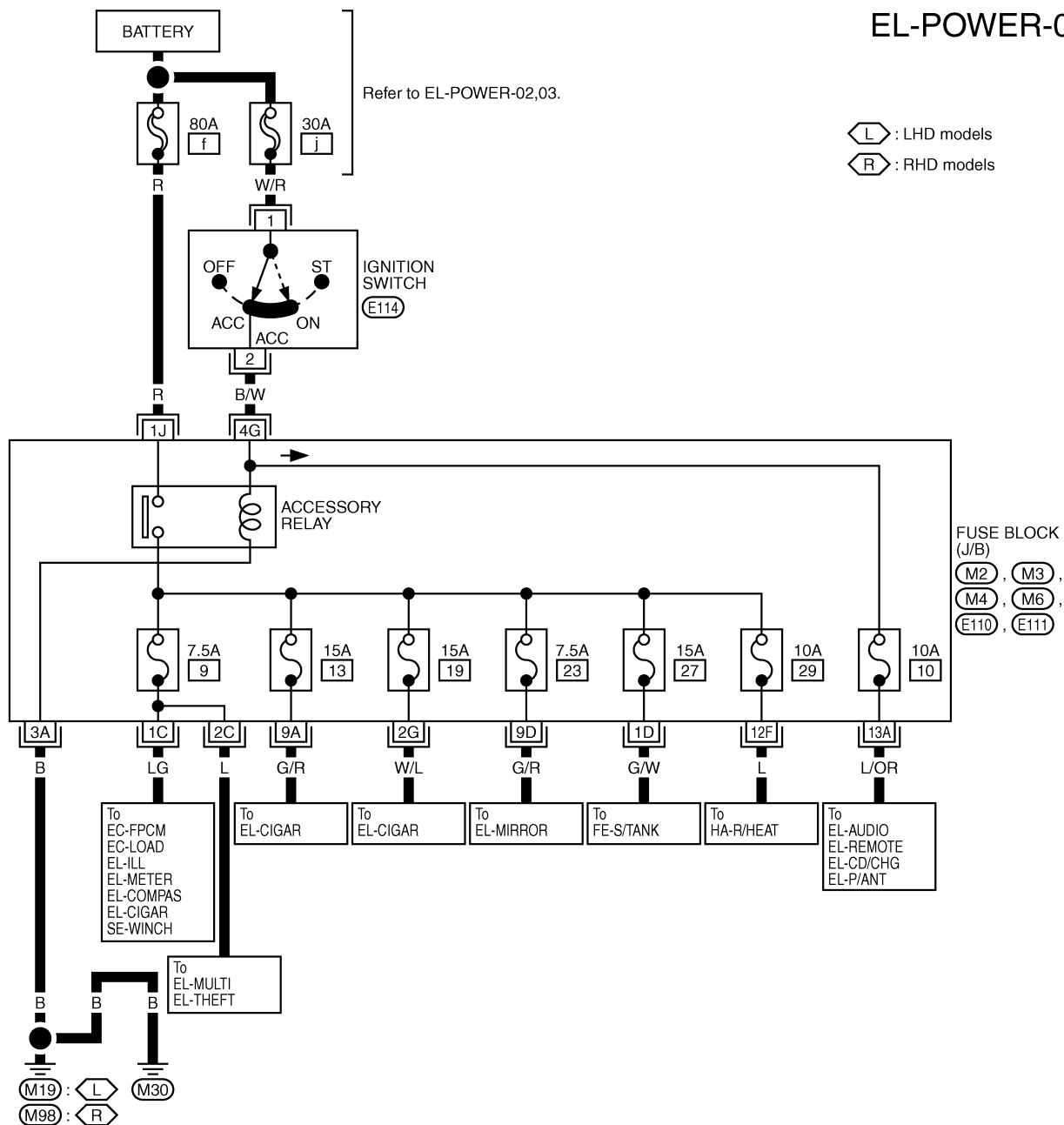
M1	M2	M3	M4
M5	M6	E110	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	
24	25	26	
27	28	29	

POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

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

EL-POWER-06



3	5	1
4	2	6

E114
W

Refer to last page (Foldout page).

M2	M3	M4	M6
E110	E111		

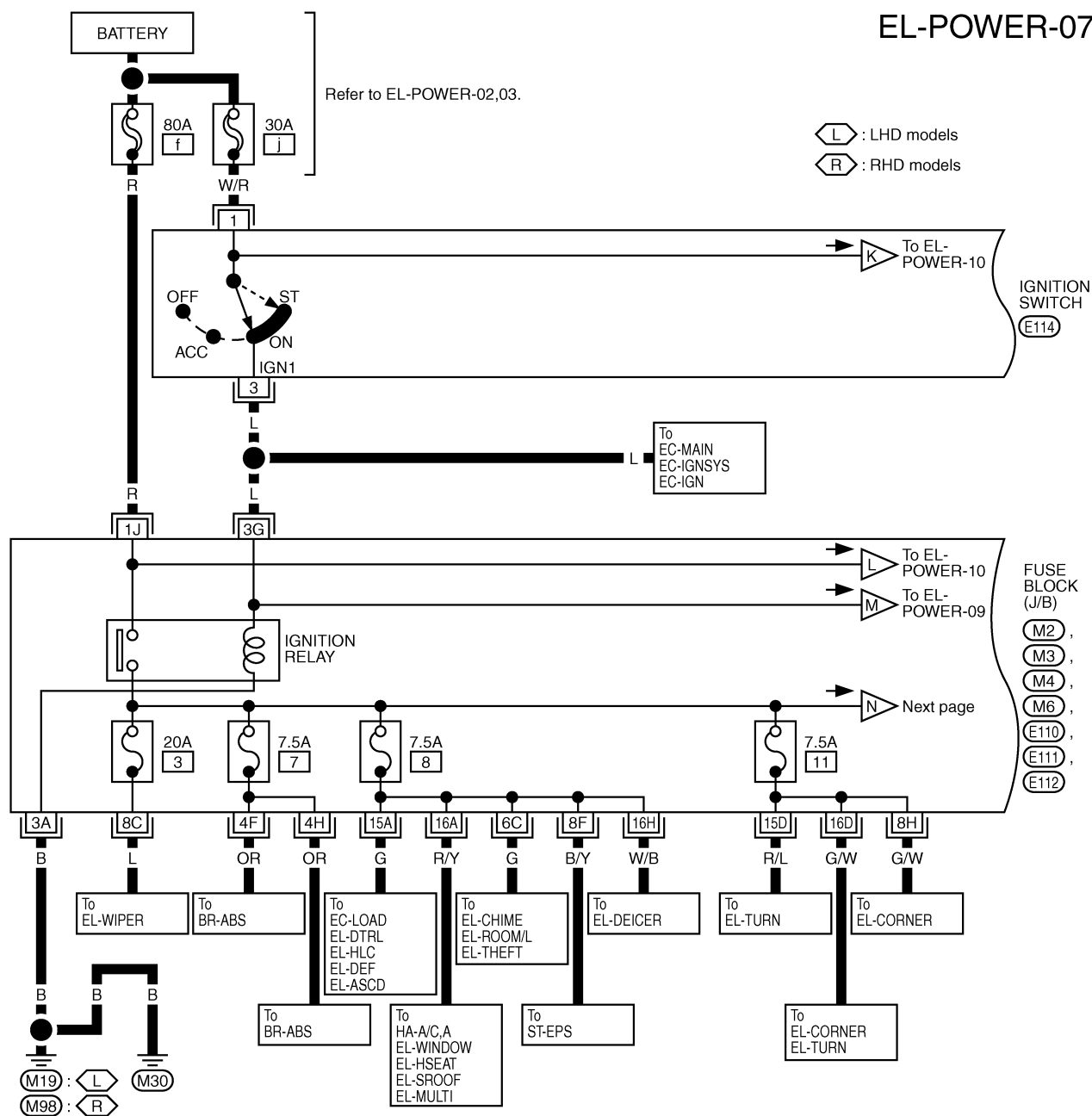
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23		
24	25	26		
27	28	29		

POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

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

EL-POWER-07



3	5	1
4	2	6

E114
W

Refer to last page (Foldout page).

M2

M3

M4

M6

E110

E111

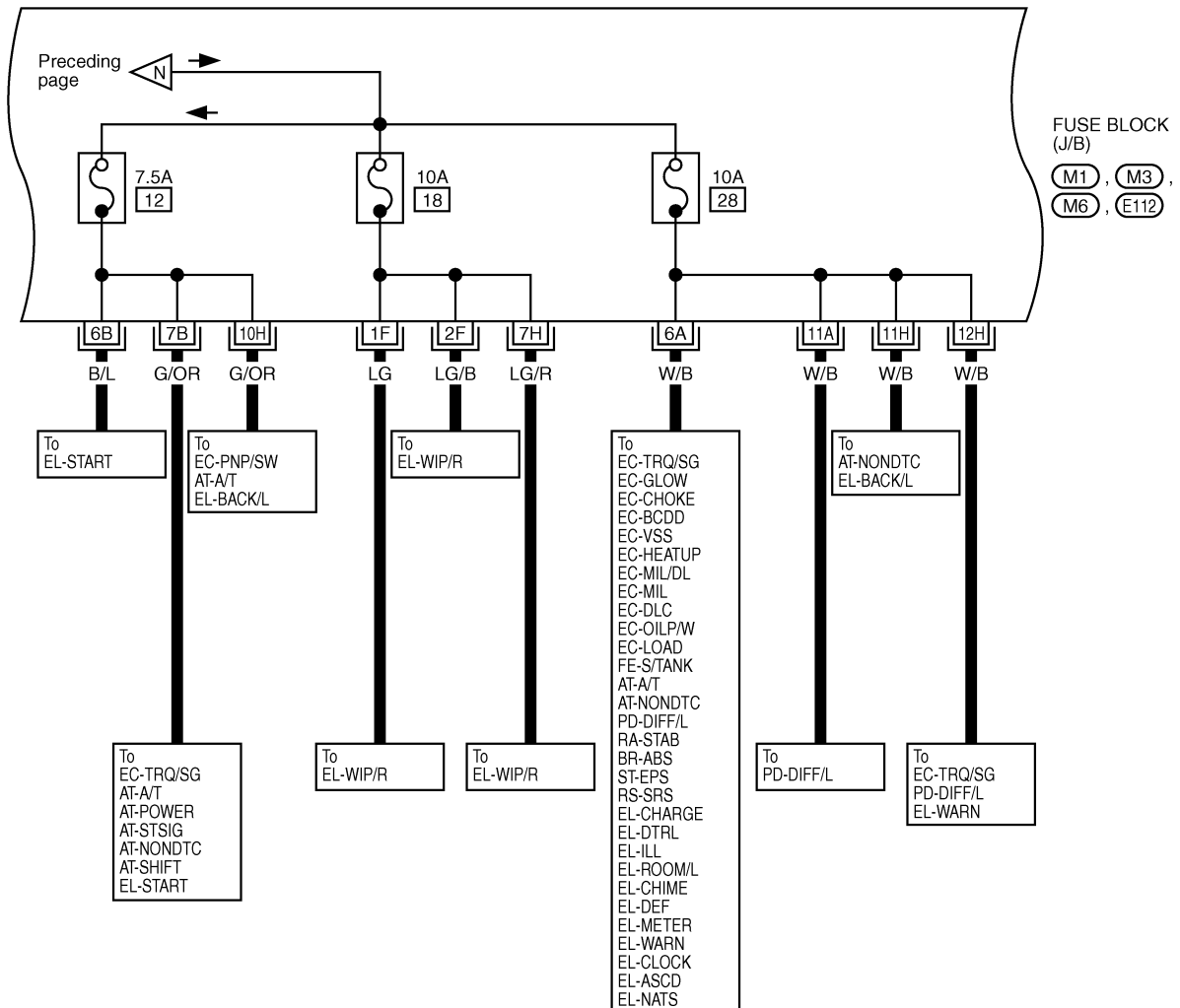
E112

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		
27	28	29		

POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

EL-POWER-08



Refer to last page (Foldout page).

M1	M3	M6	E112
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	
27	28	29	

POWER SUPPLY ROUTING

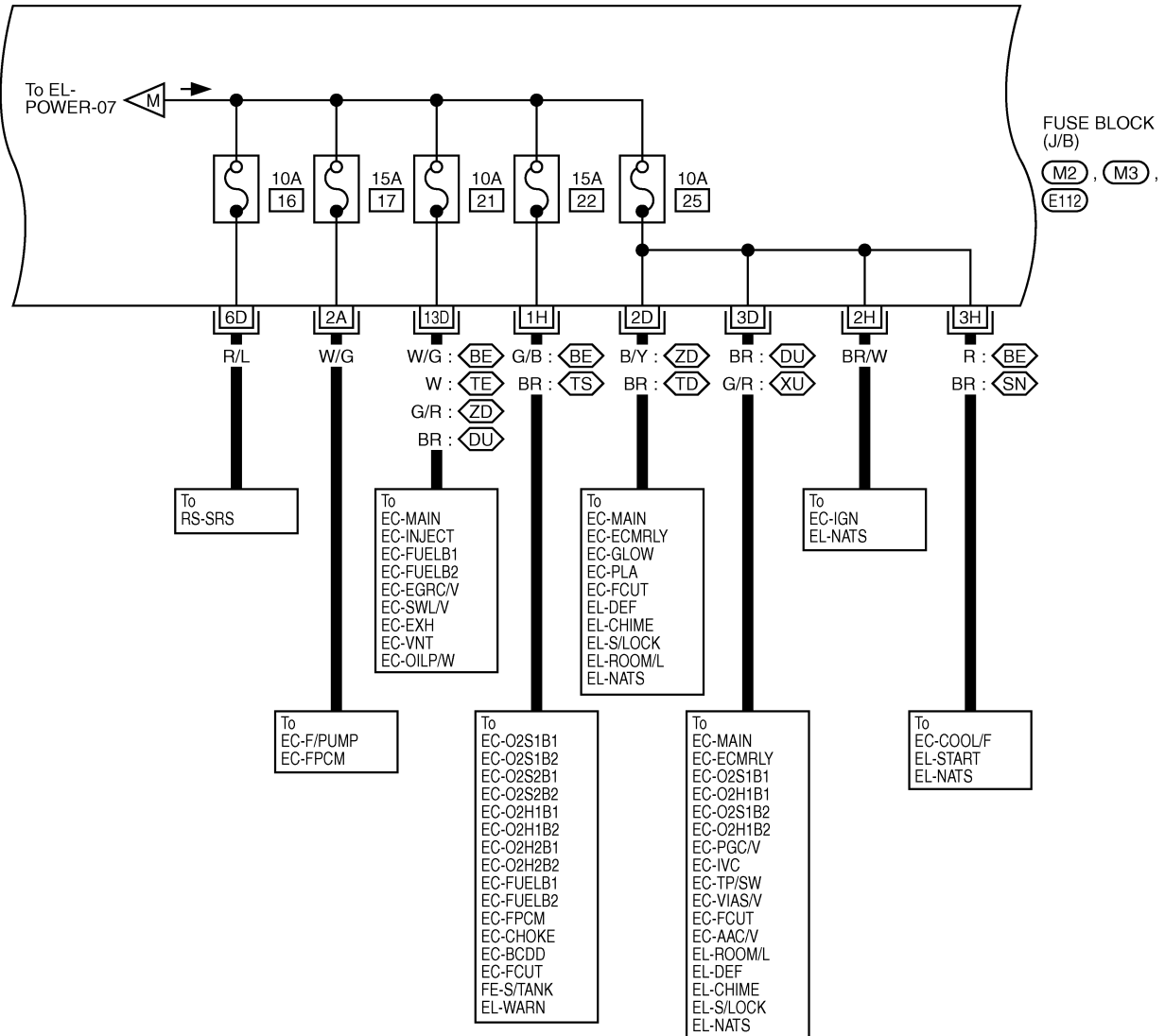
Wiring Diagram — POWER — (Cont'd)

EL-POWER-09

(BE) : TB48 engine models
 (TE) : TB45E engine models
 (TS) : TB45S engine models

(SN) : TB45S engine models
 with NATS
 (ZD) : ZD engine models
 (TD) : TD engine models

(DU) : TD42Ti engine models
 (XU) : Except for TD42Ti engine models



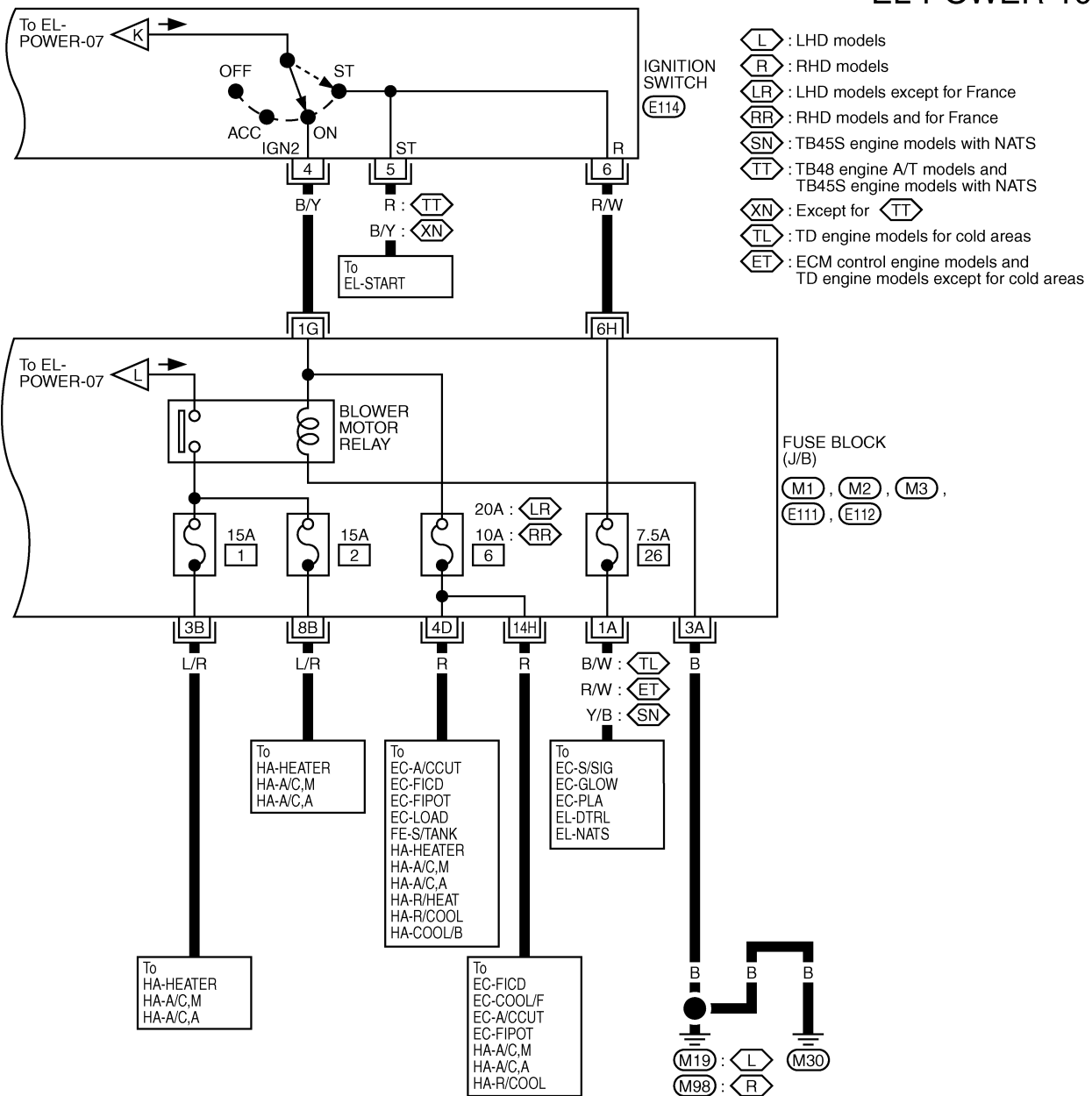
Refer to last page (Foldout page).

(M2), (M3), (E112)				
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		
27	28	29		

POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

EL-POWER-10



3	5	1
4	2	6

E114
W

Refer to last page (Foldout page).

M1

M2

M3

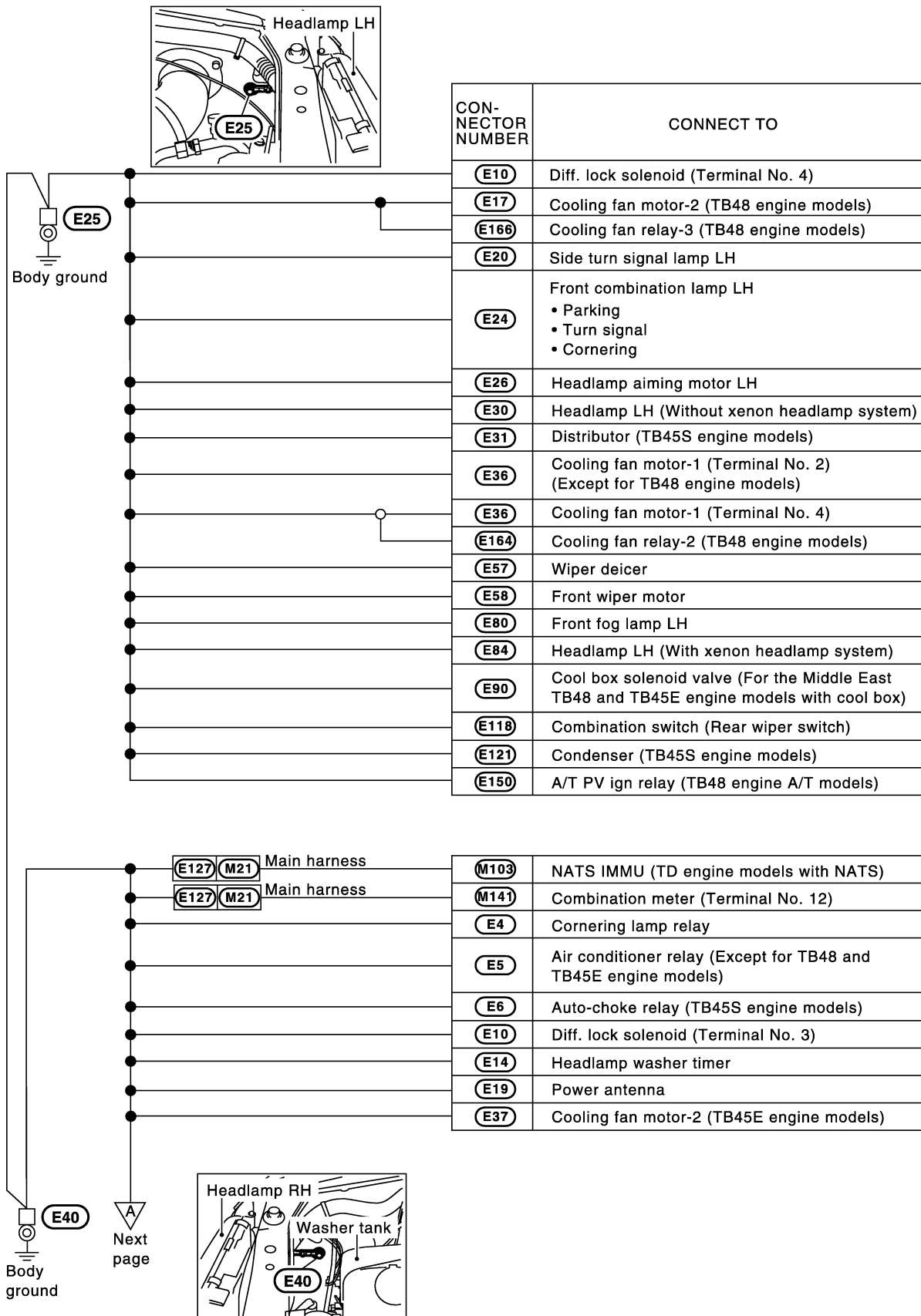
E111

E112

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		
27	28	29		

GROUND DISTRIBUTION

Engine Room Harness/LHD Models



GROUND DISTRIBUTION

Engine Room Harness/LHD Models (Cont'd)

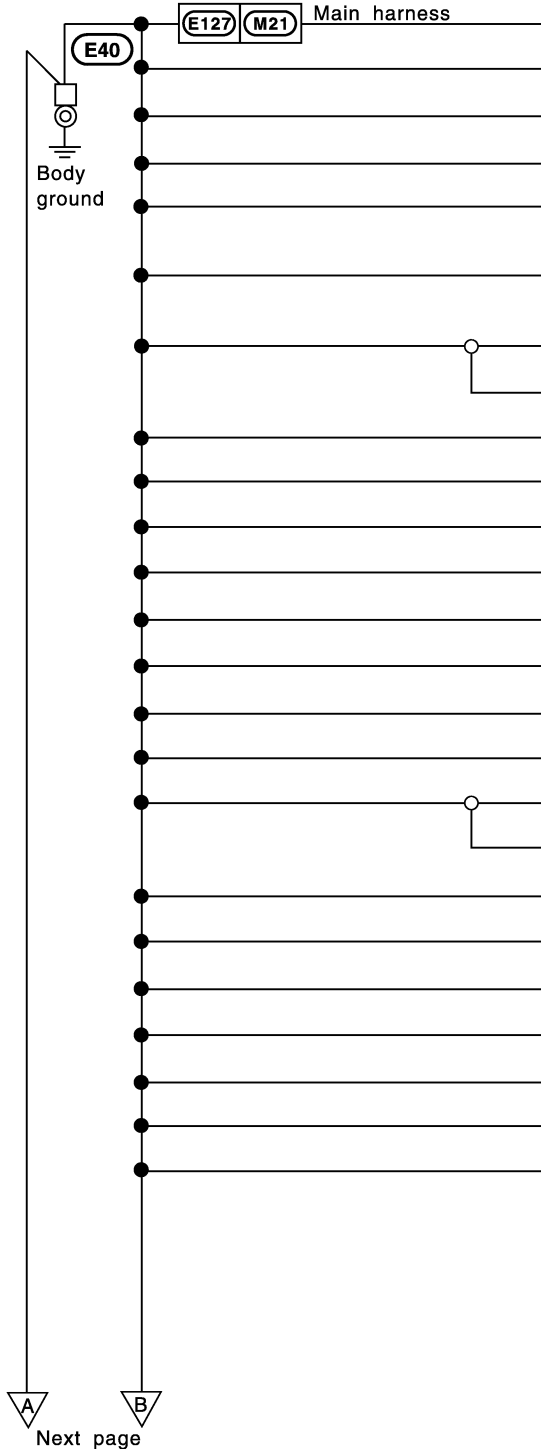
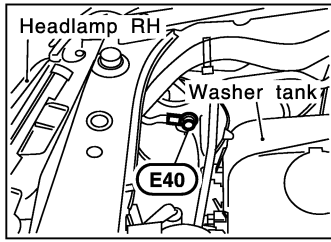
Preceding page



	CON- NECTOR NUMBER	CONNECT TO
•	(E41)	Headlamp aiming motor RH
•	(E45)	Headlamp RH (Without xenon headlamp system)
•	(E49)	Front combination lamp RH • Parking • Turn signal • Cornering
•	(E52)	Park/Neutral position relay-1 (A/T models)
•	(E168)	Starter cut relay (TB45S engine models with NATS)
•	(E55)	Side turn signal lamp RH
•	(E59)	Glow relay-1 (TD engine models)
•	(E75)	Fuel filter switch (Diesel engine models except for Europe)
•	(E76)	Brake fluid level switch
•	(E79)	Front fog lamp RH
•	(E81)	Headlamp RH (With xenon headlamp system)
•	(E82)	Daytime light control unit
•	(E86)	HID relay LH (With xenon headlamp system)
•	(E85)	HID relay RH (With xenon headlamp system)
•	(E87)	Glow relay-2 (TD engine models for cold areas)
•	(E92)	A/C cut relay (TB45S and TD engine models with A/C)
•	(E94)	Engine coolant temperature switch-1 (TB45S and TD engine models with A/C)
•	(E96)	IACV-FICD solenoid valve (TD engine models with A/C)
•	(E100)	ISC-FI POT control solenoid valve (TB45S engine models with A/C)
•	(E120)	Combination switch (Front wiper switch)
•	(E147)	Park/Neutral position relay-3 (Terminal No. 1) (TB48 engine A/T models)
•	(E147)	Park/Neutral position relay-3 (Terminal No. 6) (TB48 engine A/T models)
•	(E151)	Ambient air temperature switch (TB48 engine models with front manual A/C and TB45E engine models with rear cooler)
•	(E152)	Front fog lamp relay (For Europe and China)
•	(E153)	Rear fog lamp relay
•	(E160)	Hood switch
•	(E183)	Winch relay
•	(E211)	Park/Neutral position switch (ECM control engine M/T models)
•	(E212)	4WD switch
•	(E213)	Transfer neutral switch
•	(E219)	Engine coolant temperature sensor (TD engine models)
•	(E230)	Csolu (TD engine models with NATS)
•	(E43) (E181)	Engine room sub-harness
•	(E69) (E202)	Engine harness
•	(E70) (E201)	Engine harness
•	(E69) (E202)	Engine harness
•	(E68) (E222)	Engine harness

GROUND DISTRIBUTION

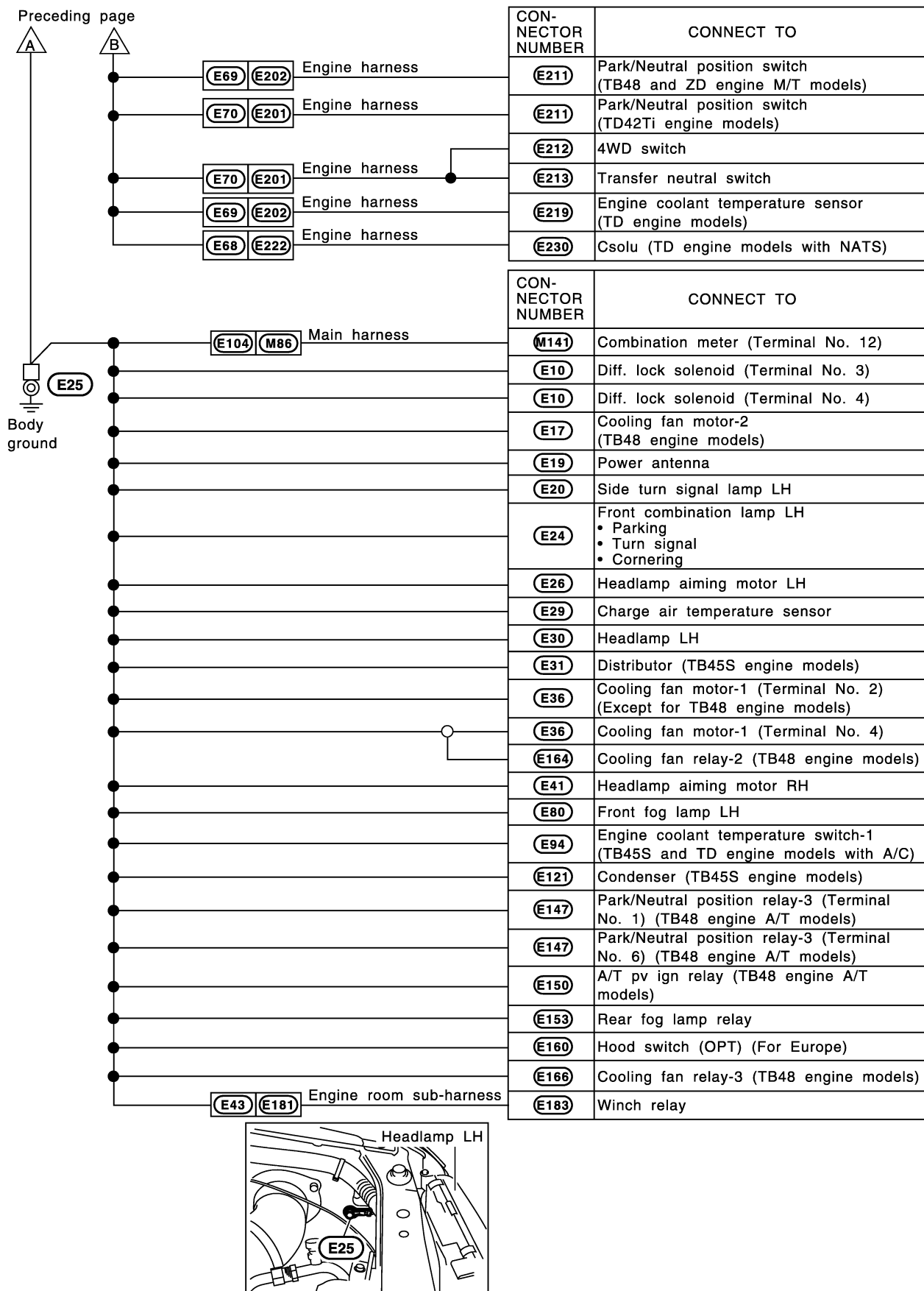
Engine Room Harness/RHD Models



CON- NECTOR NUMBER	CONNECT TO
(M103)	NATS IMMU (TD engine models with NATS)
(E5)	Air conditioner relay
(E6)	Auto-choke relay (TB45S engine models)
(E14)	Headlamp washer timer
(E45)	Headlamp RH
(E49)	Front combination lamp RH • Parking • Turn signal • Cornering
(E52)	Park/Neutral position relay-1 (A/T models)
(E168)	Starter cut relay (TB45S engine models with NATS)
(E55)	Side turn signal lamp RH
(E57)	Wiper deicer
(E58)	Front wiper motor
(E59)	Glow relay-1 (TD engine models)
(E75)	Fuel filter switch (Diesel engine models)
(E76)	Brake fluid level switch
(E79)	Front fog lamp RH
(E92)	A/C cut relay (TB45S and TD engine models with A/C)
(E96)	IACV-FICD solenoid valve (TD engine models with A/C)
(E100)	ISC-FI POT control solenoid valve (TB45S engine models with A/C)
(E115)	Combination switch (Turn signal lamp switch)
(E118)	Combination switch (Rear wiper switch)
(E120)	Combination switch (Front wiper switch)
(E151)	Ambient air temperature switch (TB48 engine models with front manual A/C)
(E152)	Front fog lamp relay (For Europe)
(E153)	Rear fog lamp relay
(E160)	Hood switch (With theft warning system)

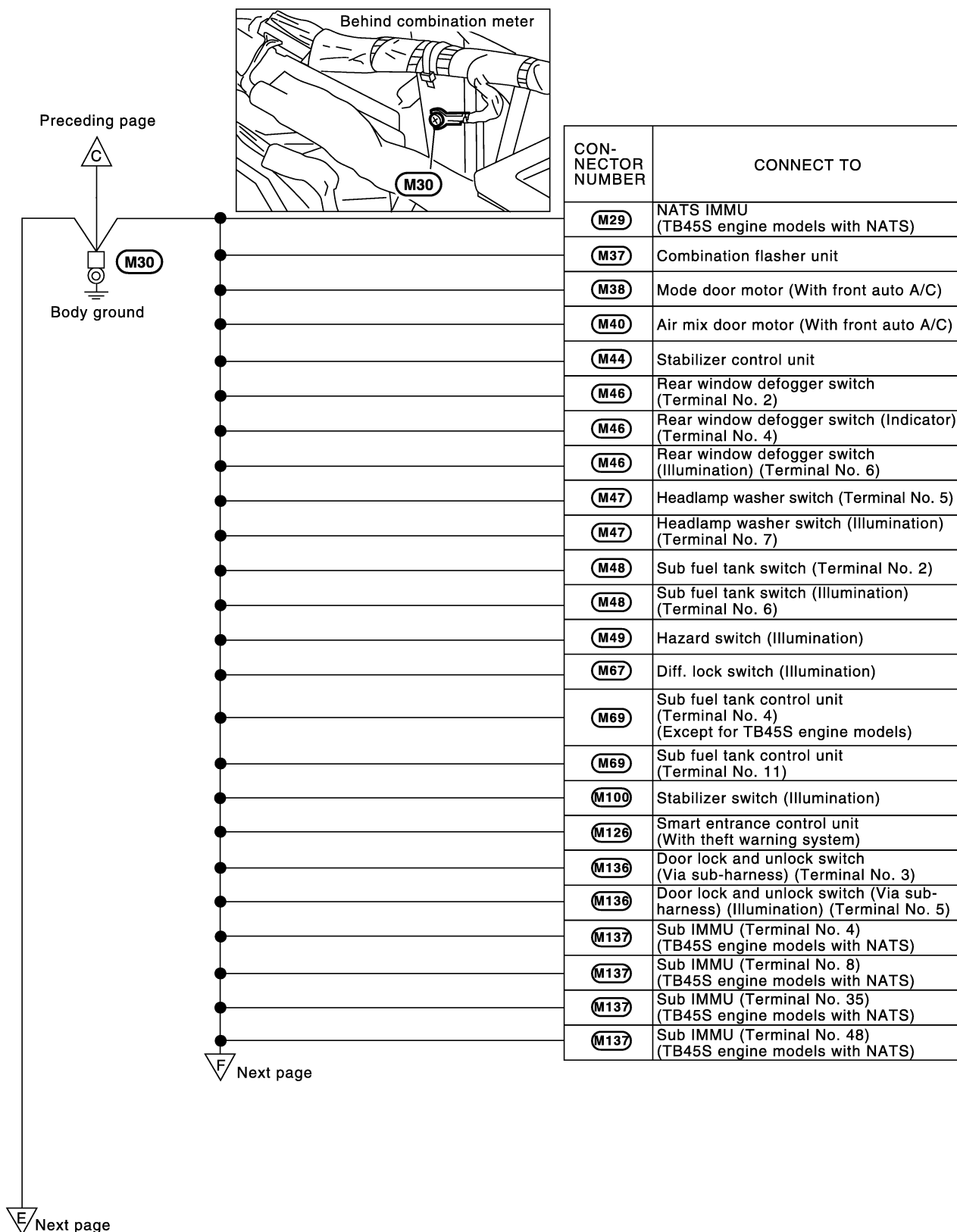
GROUND DISTRIBUTION

Engine Room Harness/RHD Models (Cont'd)



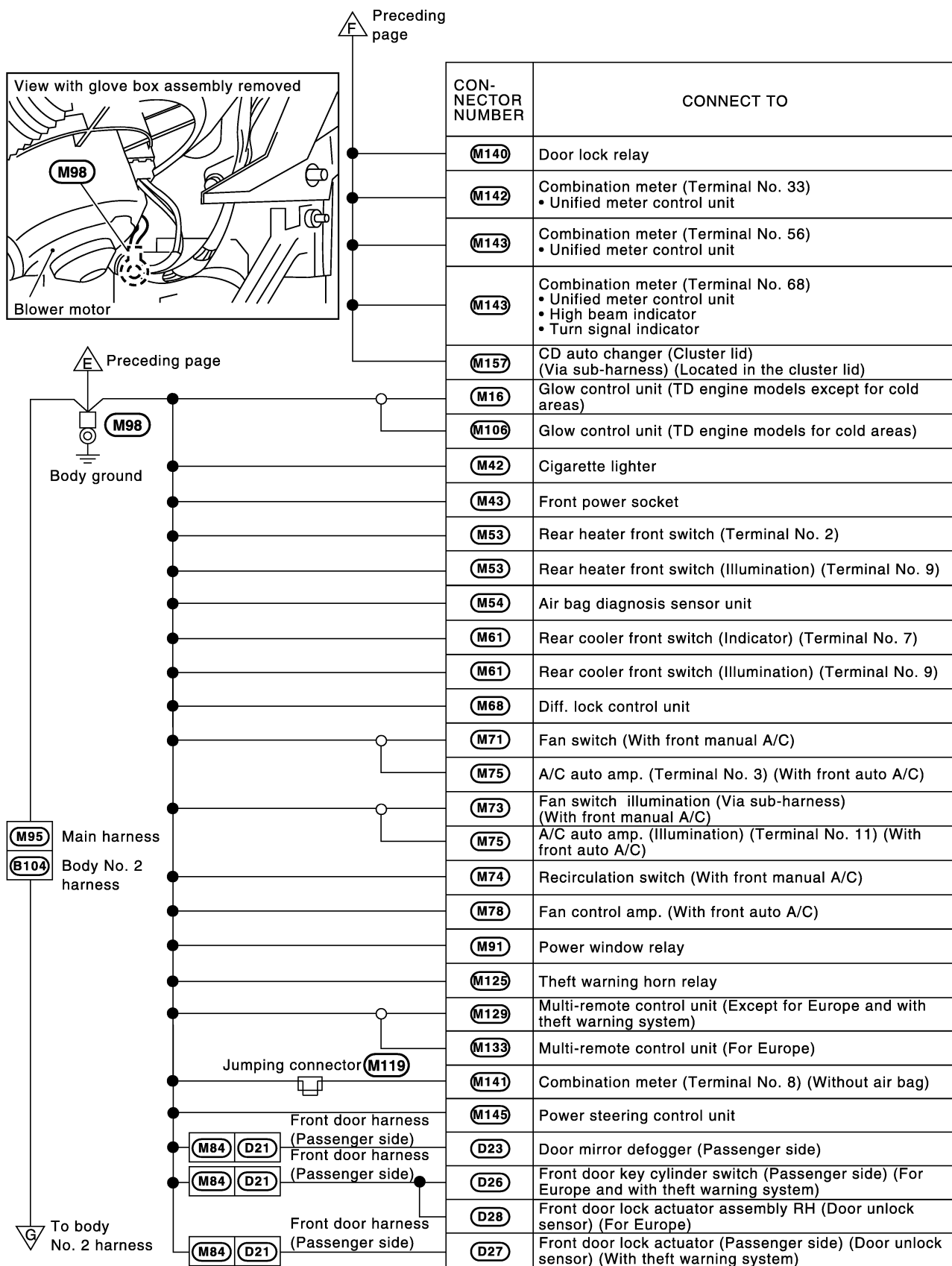
GROUND DISTRIBUTION

Main Harness/LHD Models (Cont'd)



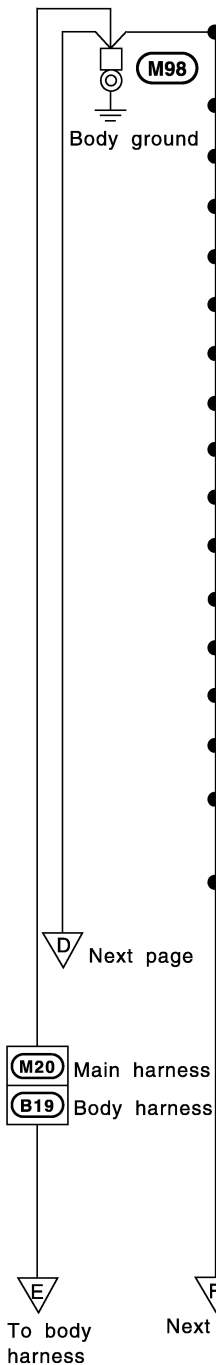
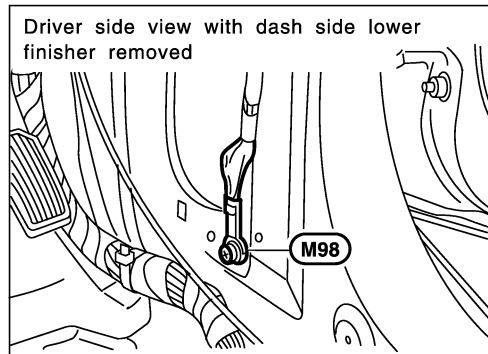
GROUND DISTRIBUTION

Main Harness/LHD Models (Cont'd)



GROUND DISTRIBUTION

Main Harness/RHD Models



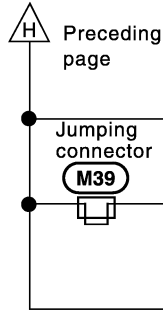
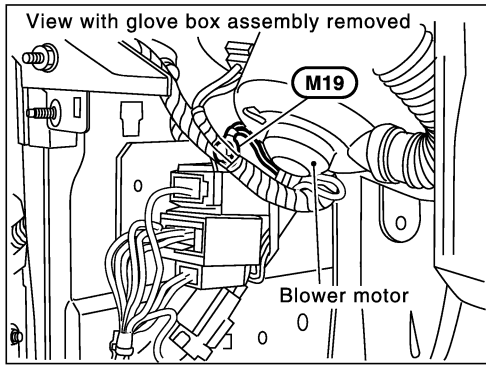
CON- NECTOR NUMBER	CONNECT TO
M3	Fuse block (J/B) • Accessory relay • Ignition relay • Blower motor relay
M10	Data link connector (Terminal No. 4) (With CONSULT-II)
M11	Headlamp aiming switch
M13	Heat up switch (Illumination) (Terminal No. 2)
M13	Heat up switch (Terminal No. 4)
M14	Door mirror remote control switch
M16	Glow control unit (TD42 engine models)
M17	ASCD control unit
M108	Front fog lamp switch (Terminal No. 2)
M108	Front fog lamp switch (Illumination) (Terminal No. 6)
M115	Check connector (TB45S engine models)
M116	Fuel pump control module (FPCM) (TB45S engine models)
M117	Super lock control unit
M130	Fuel pump relay (TB45S engine models)
M142	Combination meter (Terminal No. 33) • Unified meter control unit
M143	Combination meter (Terminal No. 56) • Unified meter control unit
M143	Combination meter (Terminal No. 68) • Unified meter control unit • High beam indicator • Turn signal indicator

Main Harness/RHD Models (Cont'd)



GROUND DISTRIBUTION

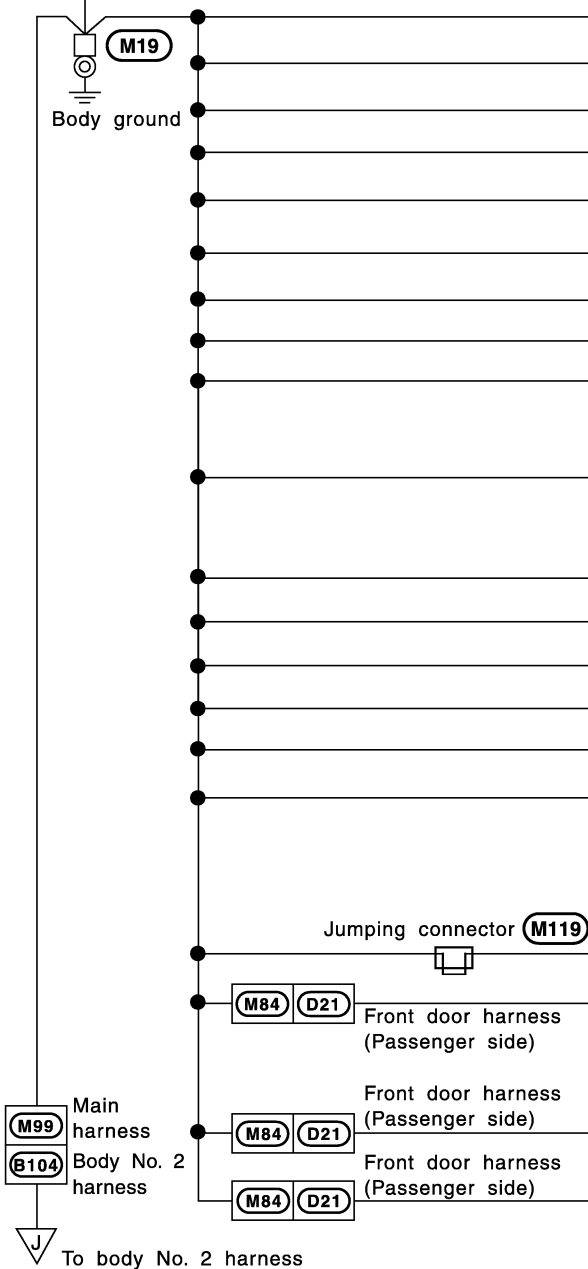
Main Harness/RHD Models (Cont'd)



CON-NECTOR NUMBER	CONNECT TO
M140	Door lock relay
M142	Combination meter (Terminal No. 34) (Without illumination control switch) • Unified meter control unit • Meter illumination (Without fine vision meter)
M157	CD auto changer (Cluster lid) (Via sub-harness) (Located in the cluster lid)

CON-NECTOR NUMBER	CONNECT TO
M53	Rear heater front switch (Terminal No. 2)
M53	Rear heater front switch (Illumination) (Terminal No. 9)
M54	Air bag diagnosis sensor unit
M60	Power antenna switch (Illumination)
M61	Rear cooler front switch (Indicator) (Terminal No. 7)
M61	Rear cooler front switch (Illumination) (Terminal No. 9)
M67	Diff. lock switch (Illumination)
M68	Diff. lock control unit
M71	Fan switch (With front manual A/C)
M75	A/C auto amp. (Terminal No. 3) (With front auto A/C)
M73	Fan switch illumination (With front manual A/C)
M75	A/C auto amp. (Illumination) (Terminal No. 11) (With front auto A/C)
M74	Recirculation switch (With front manual A/C)
M78	Fan control amp. (With front auto A/C)
M91	Power window relay
M111	Heated seat relay
M125	Theft warning horn relay
M129	Multi-remote control unit (Except for Europe and with theft warning system)
M129	Multi-remote control unit (Via sub-harness) (For South Africa)
M133	Multi-remote control unit (For Europe)
M141	Combination meter (Terminal No. 8) (Without air bag)
D23	Door mirror defogger (Passenger side)
D26	Front door key cylinder switch (Passenger side) (For Europe and with theft warning system)
D28	Front door lock actuator assembly LH (Door unlock sensor) (For Europe)
D27	Front door lock actuator (Passenger side) (Door unlock sensor) (With theft warning system)

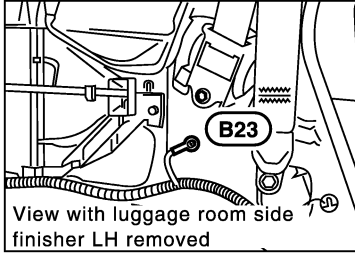
G Preceding page



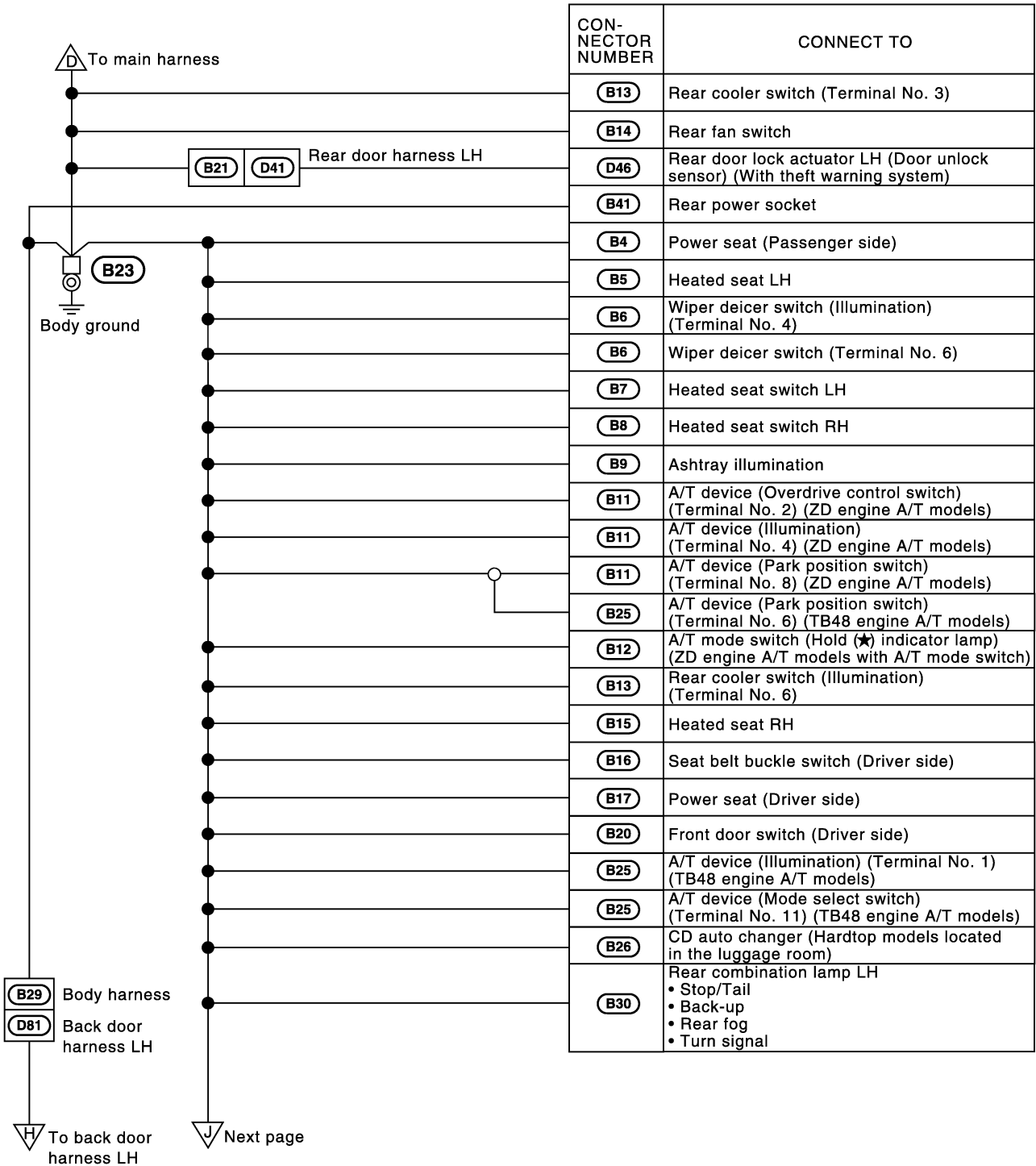
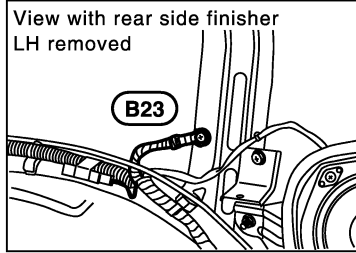
GROUND DISTRIBUTION

Body Harness/LHD Models

Wagon models



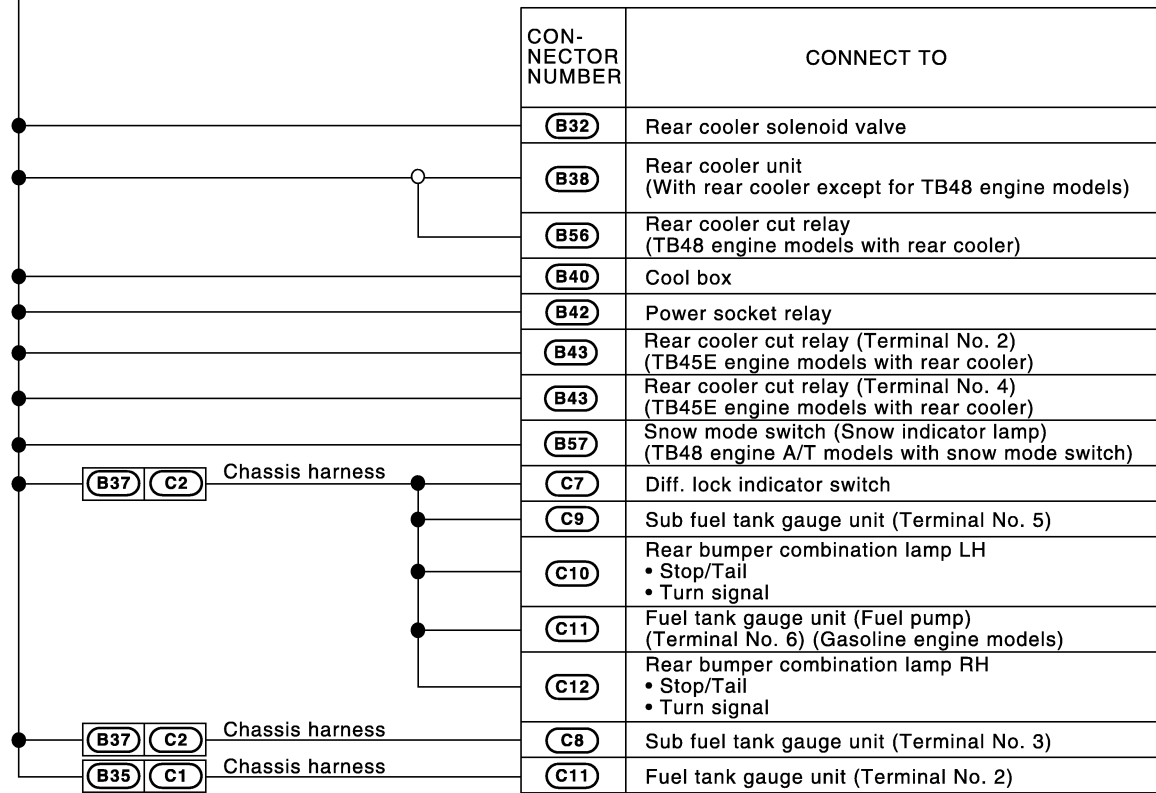
Hardtop models



GROUND DISTRIBUTION

Body Harness/LHD Models (Cont'd)

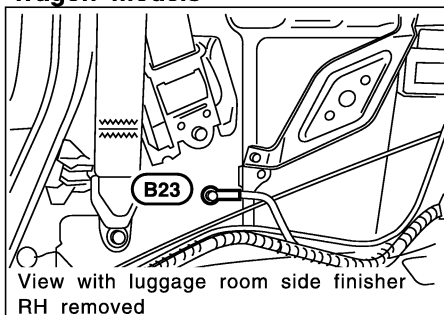
△ J Preceding page



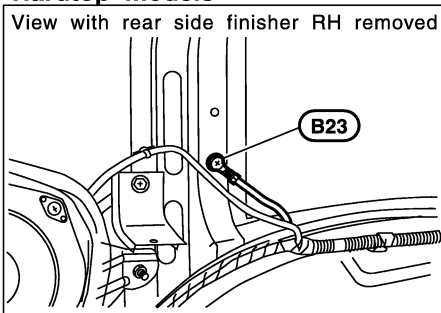
GROUND DISTRIBUTION

Body Harness/RHD Models

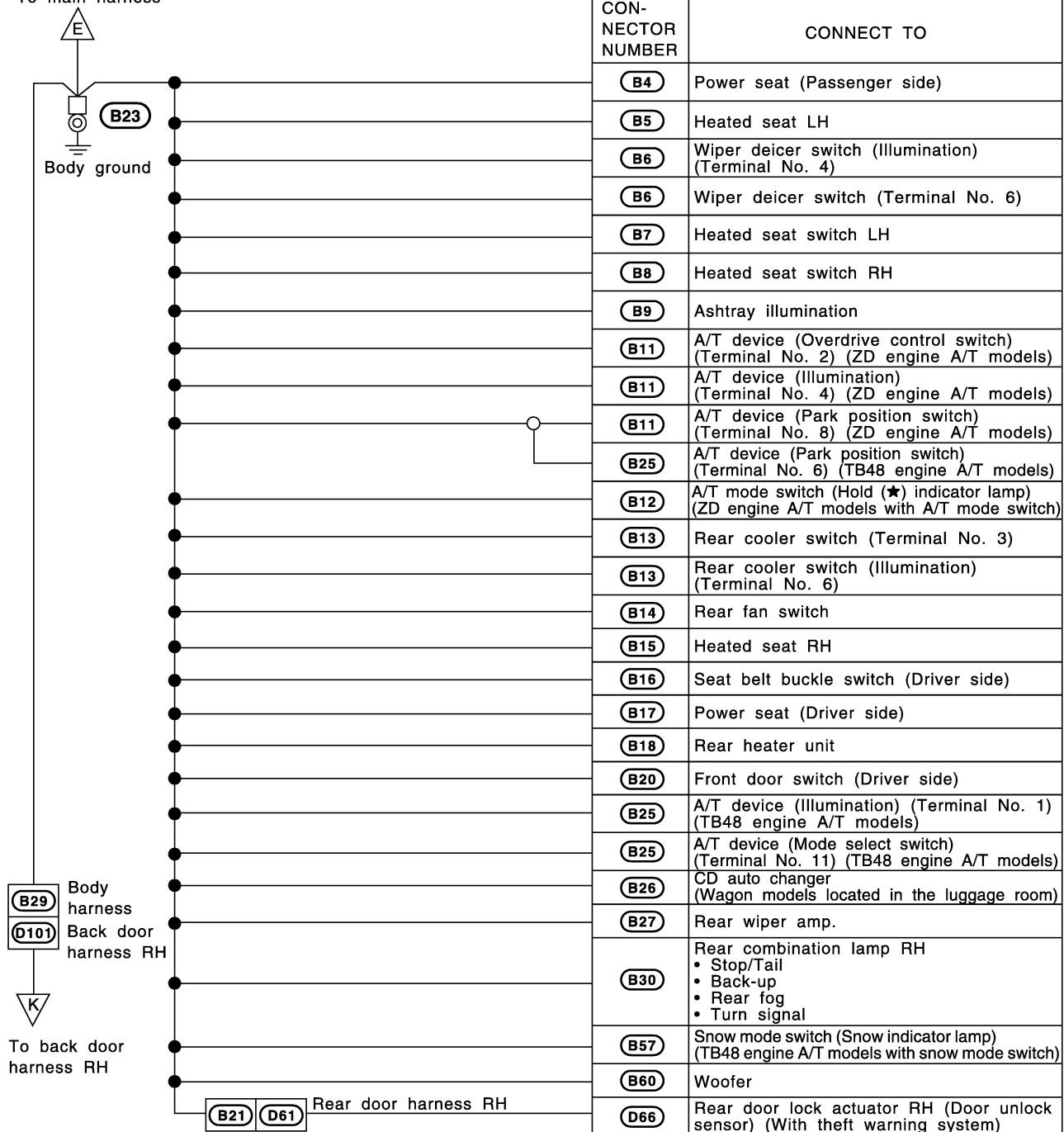
Wagon models



Hardtop models



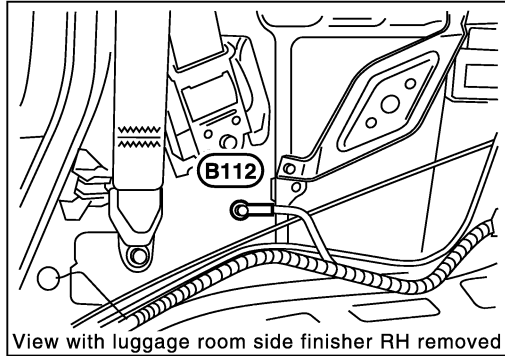
To main harness



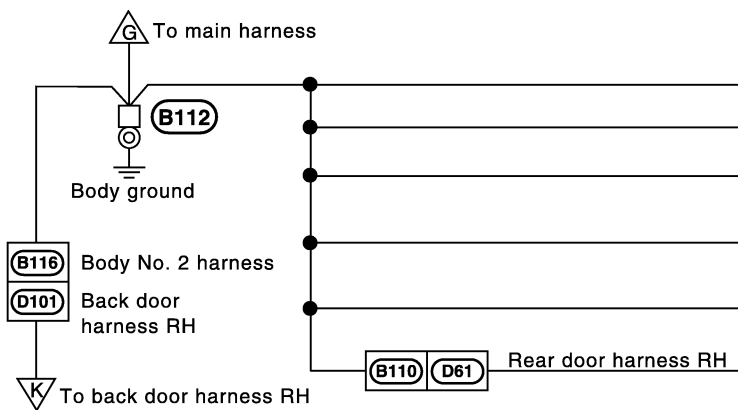
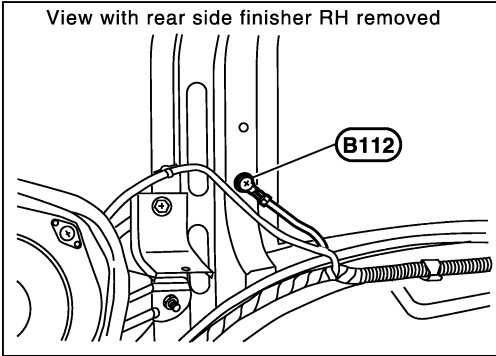
GROUND DISTRIBUTION

Body No. 2 Harness/LHD Models

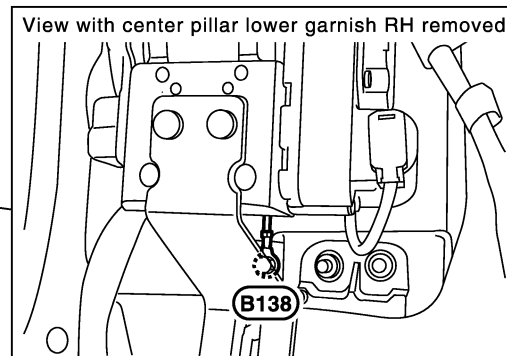
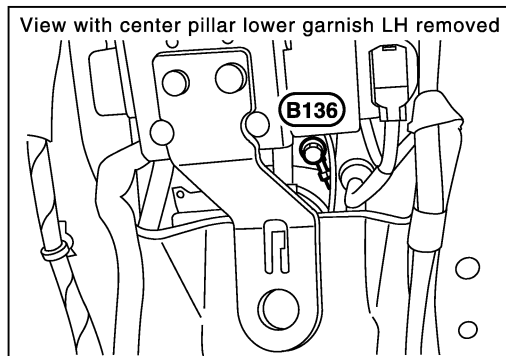
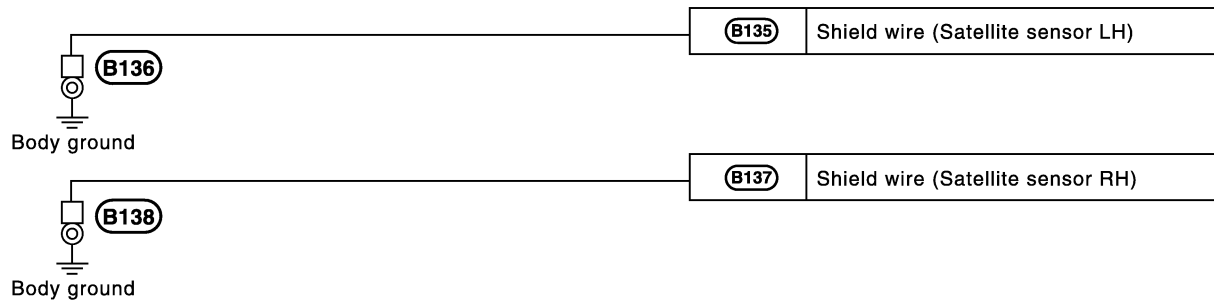
Wagon models



Hardtop models



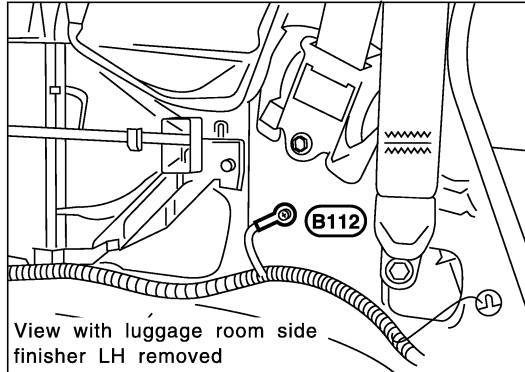
CON- NECTOR NUMBER	CONNECT TO
B107	Rear heater unit
B113	CD auto changer (Wagon models located in the luggage room)
B114	Rear wiper amp.
B117	Rear combination lamp RH • Stop/Tail • Back-up • Turn signal
B140	Woofer
D66	Rear door lock actuator RH (Door unlock sensor) (With theft warning system)



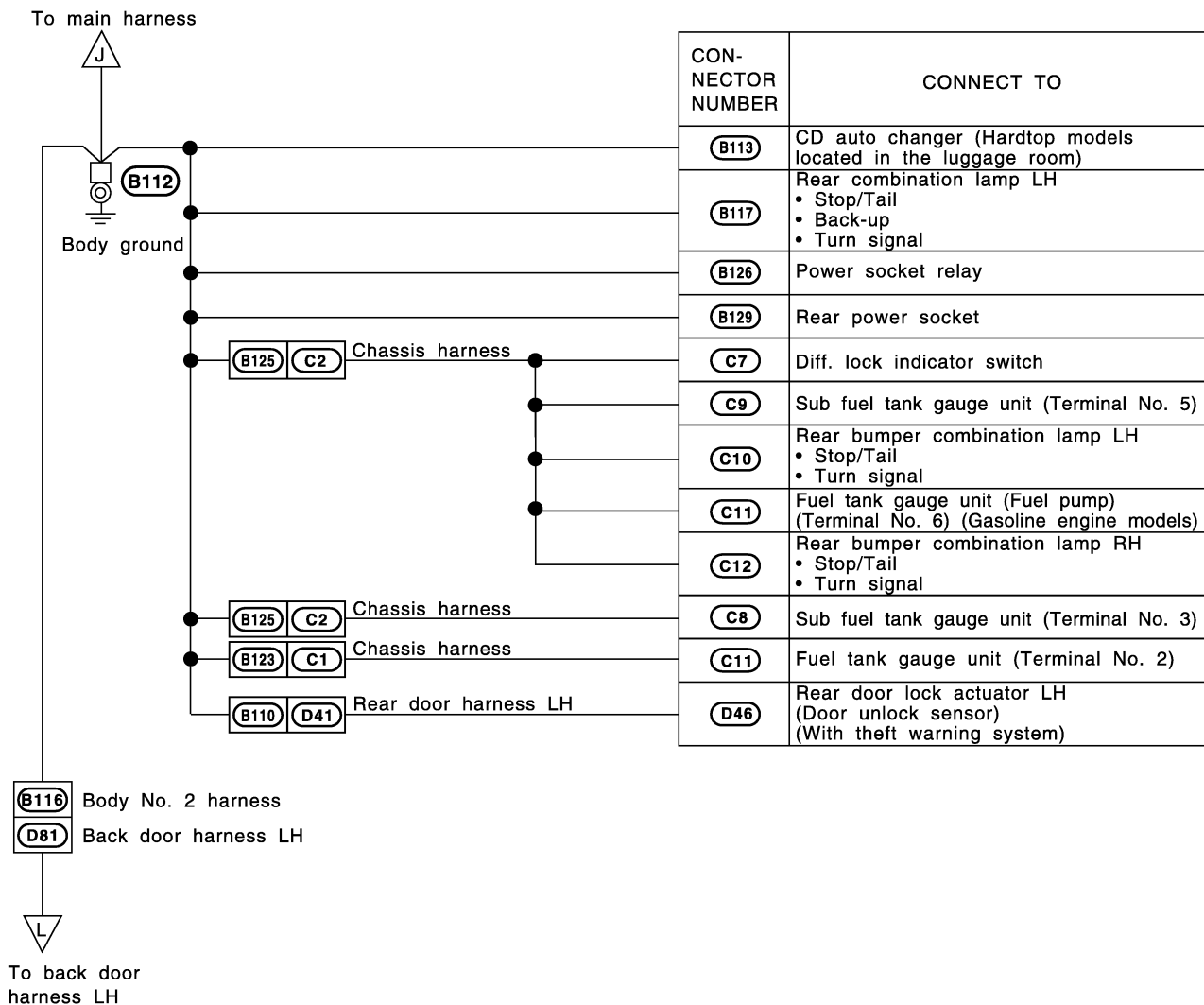
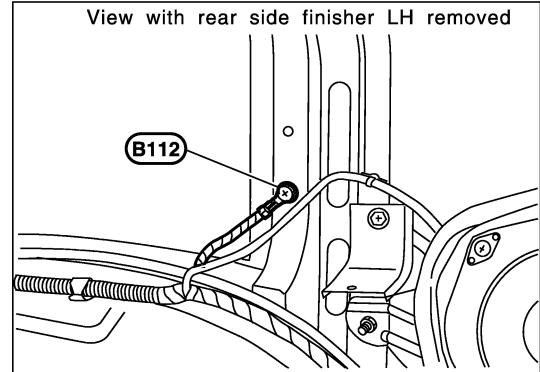
GROUND DISTRIBUTION

Body No. 2 Harness/RHD Models

Wagon models



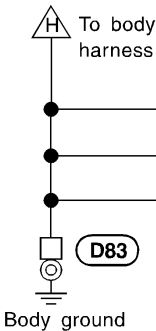
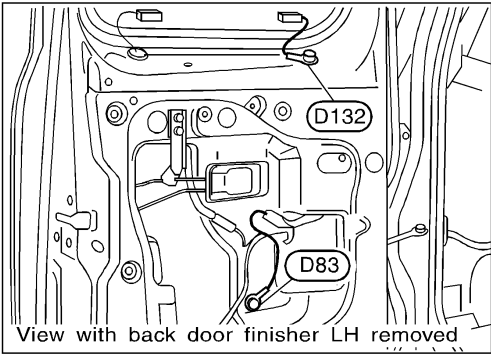
Hardtop models



GROUND DISTRIBUTION

Back Door and Rear Window Defogger Harness/ LHD Models

BACK DOOR HARNESS LH

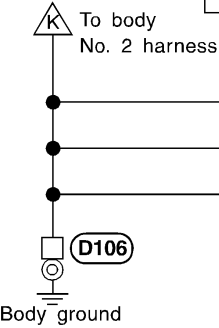
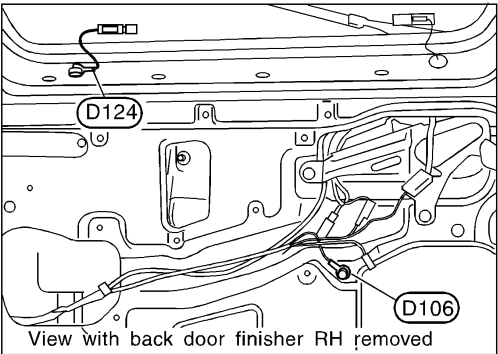


CON- NECTOR NUMBER	CONNECT TO
D82	License plate lamp
D86	Back door lock actuator (Door unlock sensor)
D88	Back door key cylinder switch (With theft warning system)

REAR WINDOW DEFOGGER HARNESS LH

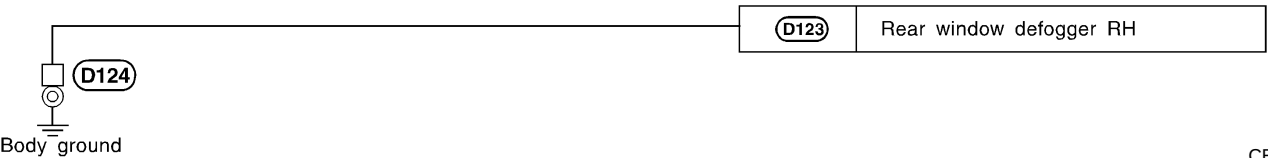


BACK DOOR HARNESS RH



D104	High-mounted stop lamp
D105	Rear wiper motor
D107	Back door switch RH

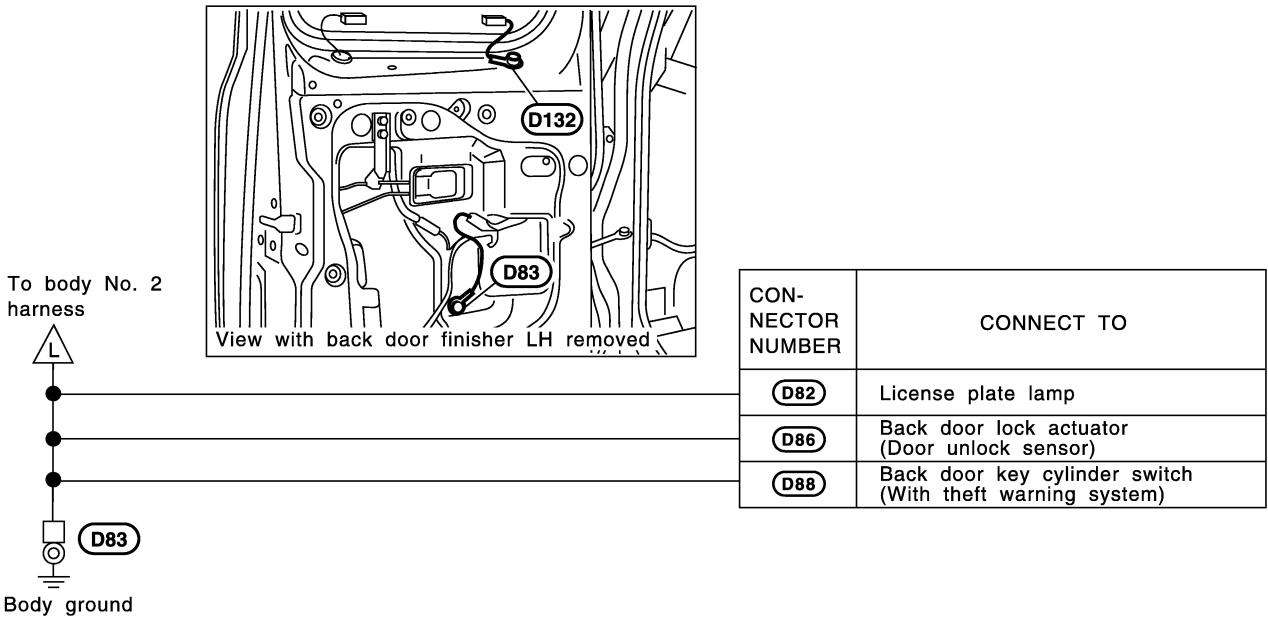
REAR WINDOW DEFOGGER HARNESS RH



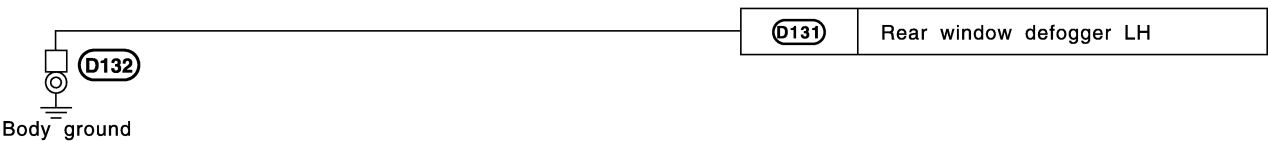
GROUND DISTRIBUTION

Back Door and Rear Window Defogger Harness/
RHD Models

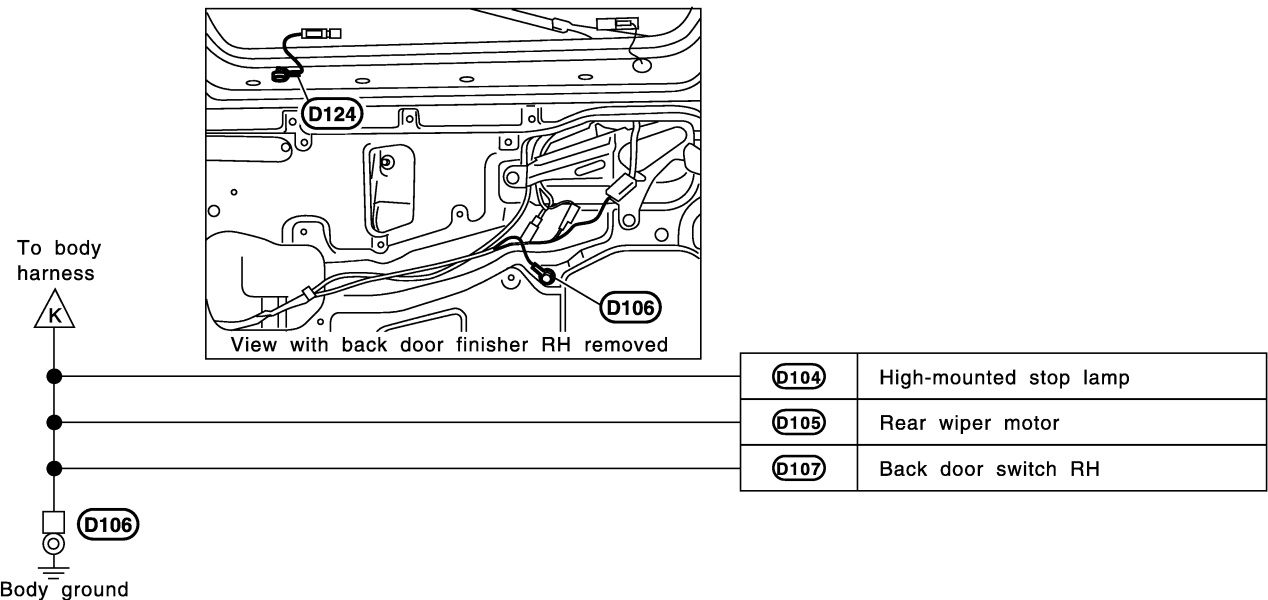
BACK DOOR HARNESS LH



REAR WINDOW DEFOGGER HARNESS LH



BACK DOOR HARNESS RH



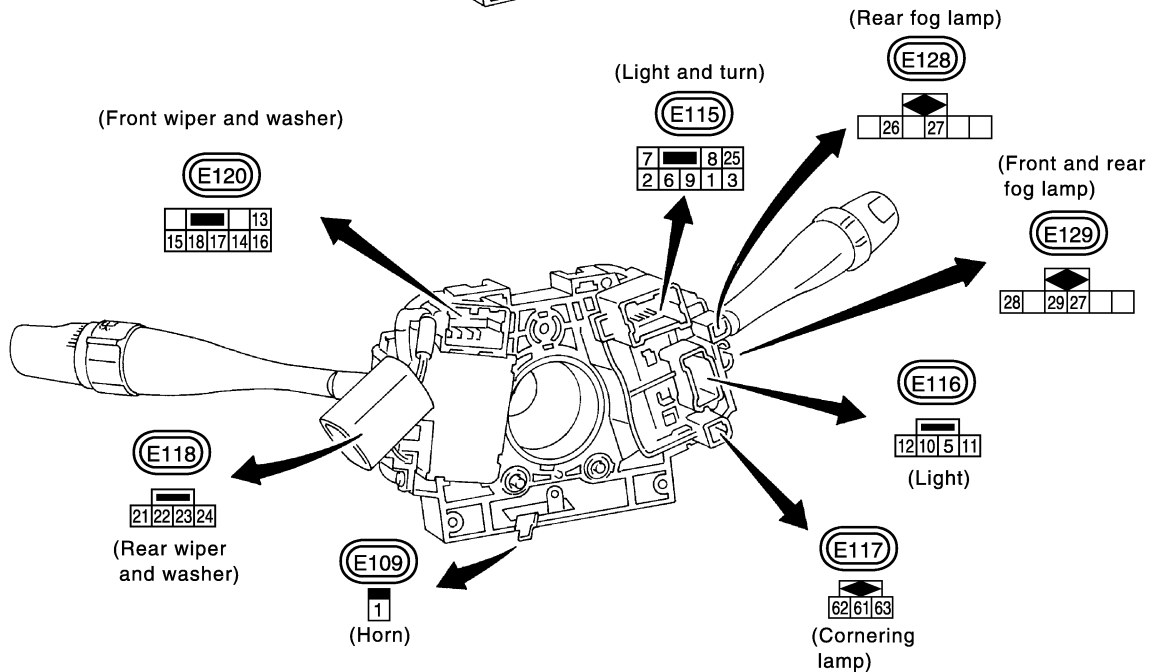
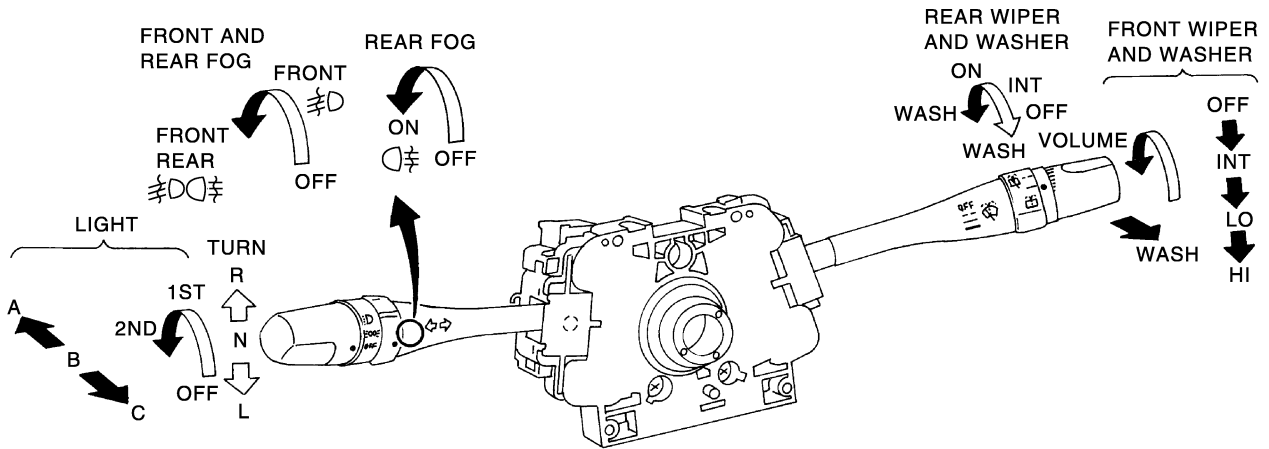
REAR WINDOW DEFOGGER HARNESS RH



COMBINATION SWITCH

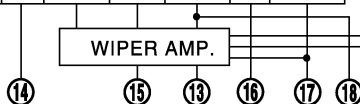
Check

RHD MODELS AND LHD MODELS



FRONT WIPER AND WASHER SWITCH

	LO	AUTO STOP	AMP	WASH	HI	EARTH
OFF	☐	☐				
INT	☐	☐	☐			☐
LO	☐					☐
HI					☐	☐
WASH				☐		☐



VARIABLE INTERMITTENT WIPER VOLUME



CORNERING LAMP SWITCH

	L	N	R
61	☐	☐	☐
62	☐	☐	☐
63	☐	☐	☐

FRONT AND REAR FOG LAMP SWITCH

	OFF	FRONT	REAR
28	☐	☐	☐
29	☐	☐	☐
27	☐	☐	☐

REAR WIPER AND WASHER SWITCH

	WASH	OFF	INT	ON	WASH
21			☐		
22				☐	☐
23	☐			☐	☐
24	☐		☐	☐	☐

TURN SIGNAL SWITCH

	L	N	R
1	☐	☐	☐
2	☐	☐	☐
3	☐	☐	☐

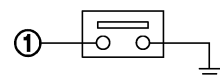
LIGHTING SWITCH

	OFF	1ST	2ND
A	☐	☐	☐
B	☐	☐	☐
C	☐	☐	☐
5	☐	☐	☐
6	☐	☐	☐
7	☐	☐	☐
25	☐	☐	☐
8	☐	☐	☐
9	☐	☐	☐
10	☐	☐	☐
11	☐	☐	☐
12	☐	☐	☐

REAR FOG LAMP SWITCH

	OFF	ON
26	☐	☐
27	☐	☐

HORN SWITCH

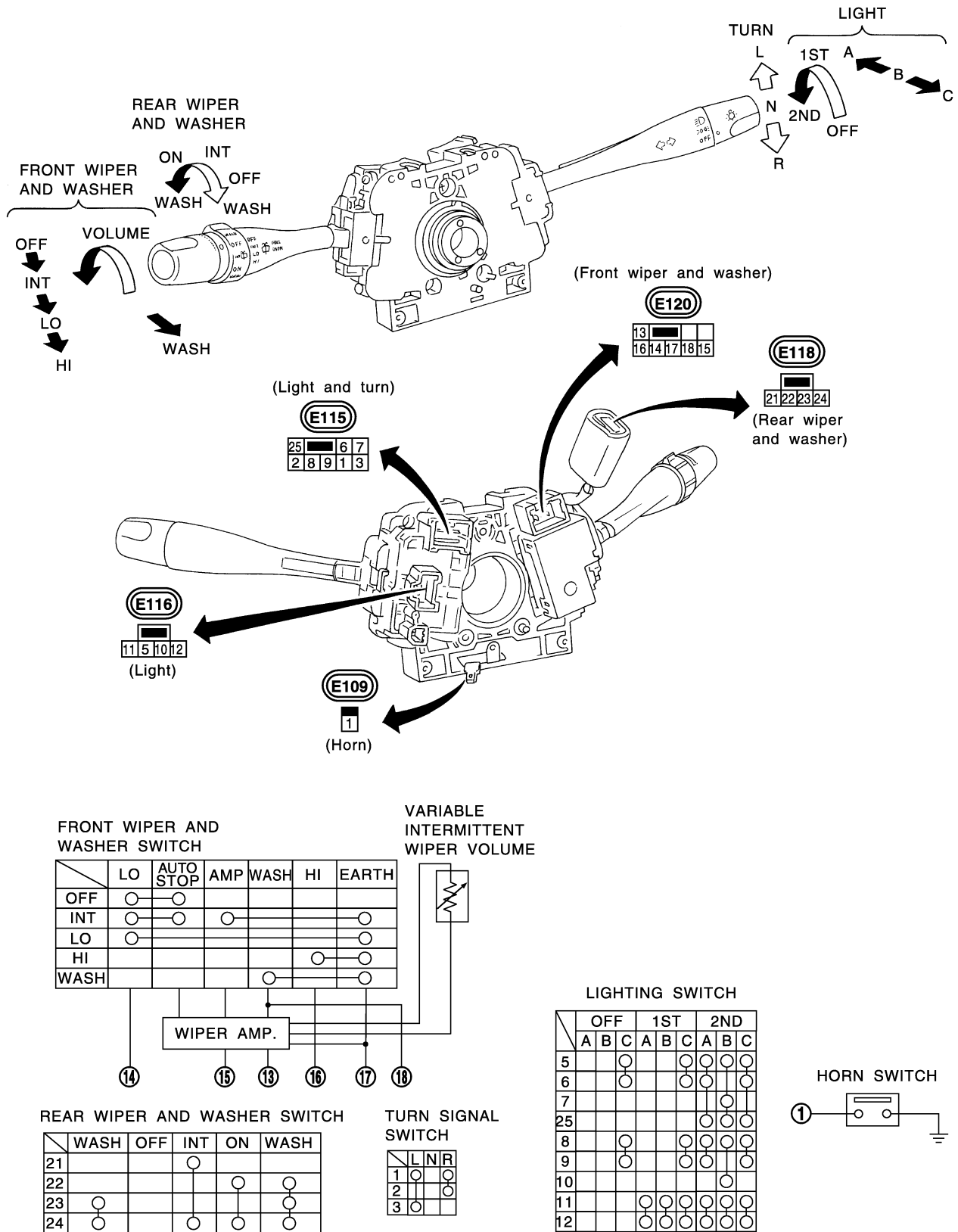


CEL446M

COMBINATION SWITCH

Check (Cont'd)

RHD MODELS FOR ISRAEL



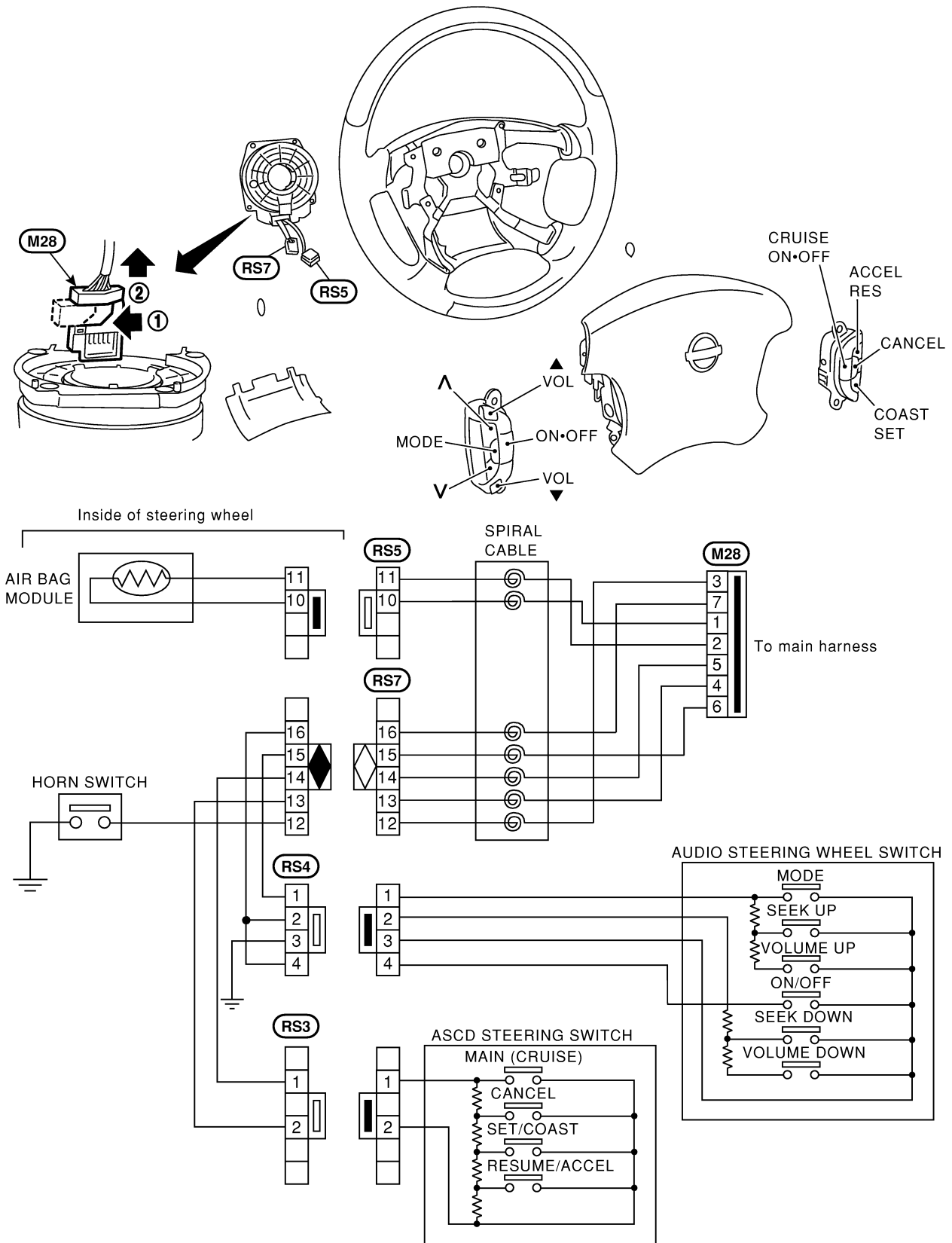
CEL447M

EL-3035

STEERING SWITCH

Check

WITH ASCD AND AUDIO SWITCH



BATTERY

Service Data and Specifications (SDS)

Applied model		ZD30DDTi	
		Except for North Europe	
		Standard	Option
Type		115D31L	110D26L x 2
Capacity	V-AH	12-70	12-128 (64 + 64)

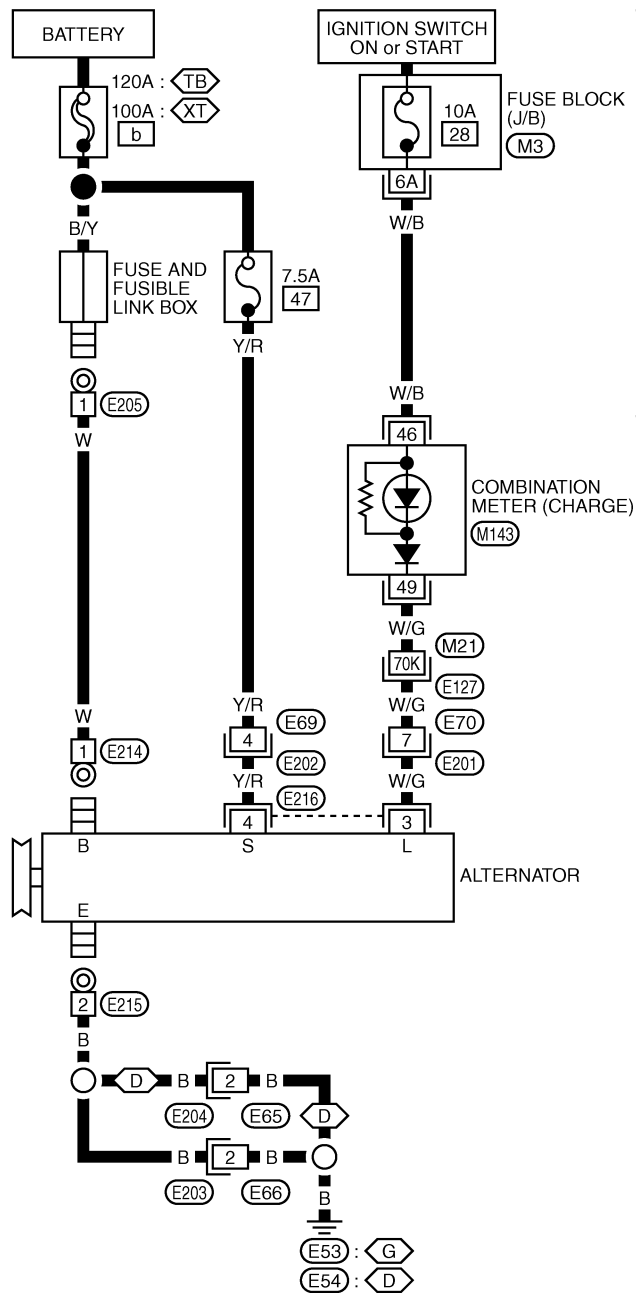
STARTING SYSTEM

Service Data and Specifications (SDS) STARTER

Type		S13-551A	S14-607
		HITACHI make	
		Reduction gear type	
Applied model		ZD30DDTi	
		Standard	Option
System voltage	V	12	
No-load			
Terminal voltage	V	11	11
Current	A	Less than 160	
Revolution	rpm	3,300	3,400
Minimum diameter of commutator	mm (in)	35.5 (1.398)	
Minimum length of brush	mm (in)	11 (0.43)	10.5 (0.413)
Brush spring tension	N (kg, lb)	28.4 - 34.3 (2.9 - 3.5, 6.4 - 7.7)	24.5 - 34.3 (2.5 - 3.5, 5.5 - 7.7)
Movement "ℓ" in height of pinion assembly	mm (in)	0.3 - 2.0 (0.012 - 0.079)	

EL-CHARGE-01

Refer to EL-POWER.



 : Gasoline engine models
 : Diesel engine models
 : TB48 engine models
 : Except for TB48 engine models
 : TB48 and TB45E engine models
 : Except for TB48 and TB45E engine models
 *1 GY: 
 B: 





Refer to last page (Foldout page).

(M21), (E127)
(M3)

CHARGING SYSTEM

Service Data and Specifications (SDS)

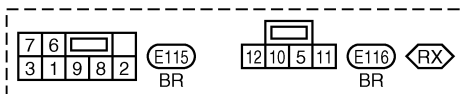
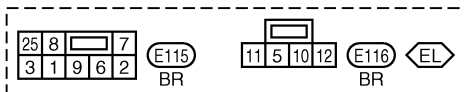
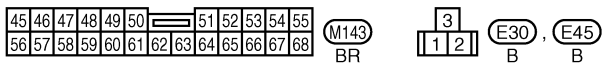
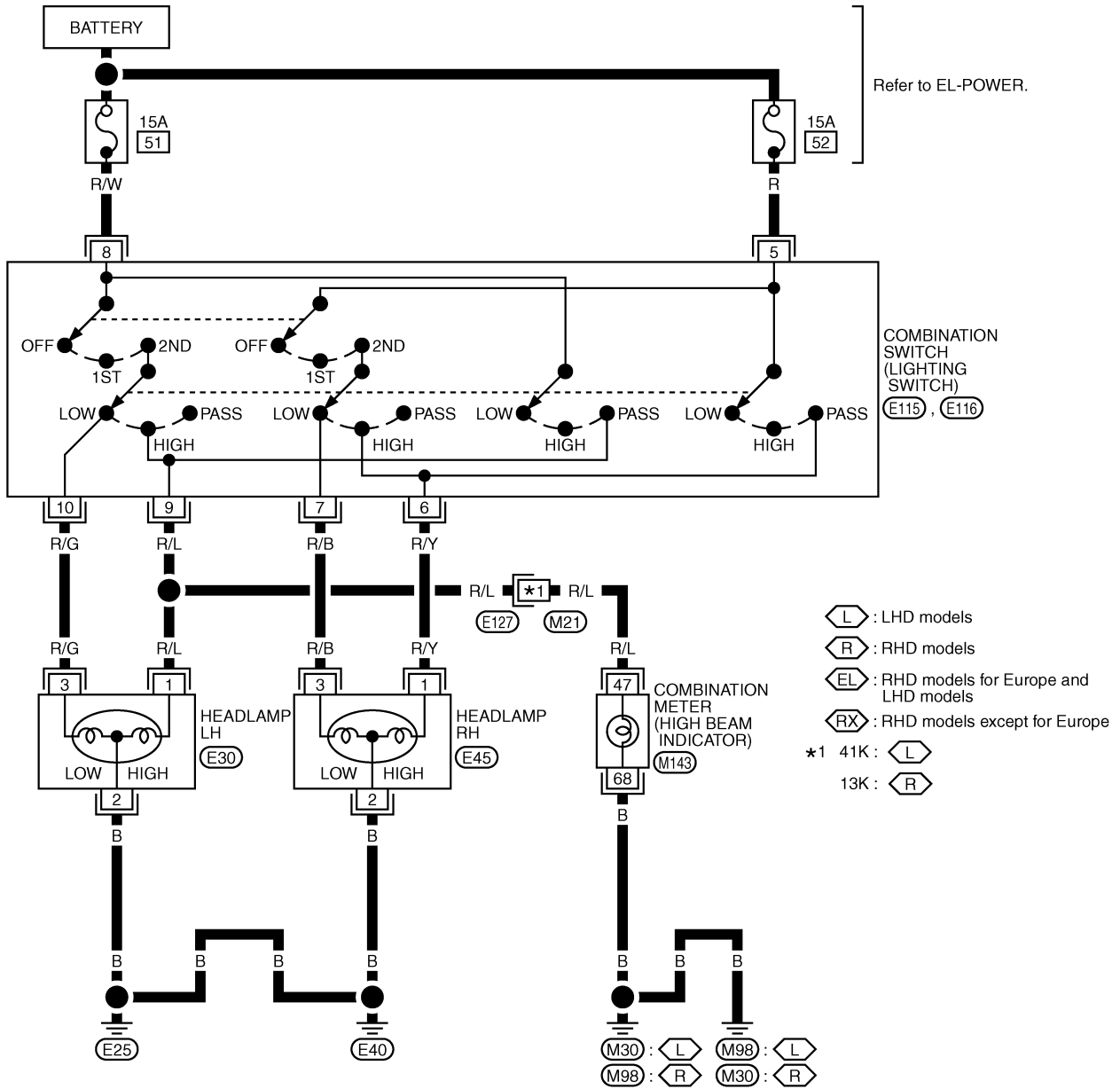
ALTERNATOR

Type		LR190-752
		HITACHI
Applied model		ZD30DDTi
Nominal rating	V-A	12-90
Ground polarity		Negative
Minimum revolution under no-load (When 13.5V is applied)	rpm	Less than 1,000
Hot output current (When 13.5V is applied)	A/rpm	More than 23/1,300 More than 65/2,500 More than 87/5,000
Regulated output voltage	V	14.1 - 14.7
Minimum length of brush	mm (in)	6.0 (0.236)
Brush spring pressure	N (g, oz)	1.0 - 3.43 (102 - 350, 3.60 - 12.34)
Slip ring minimum outer diameter	mm (in)	26.0 (1.024)
Rotor (Field coil) resistance	Ω	2.67

HEADLAMP — Conventional Type —

Wiring Diagram — H/LAMP —

EL-H/LAMP-01

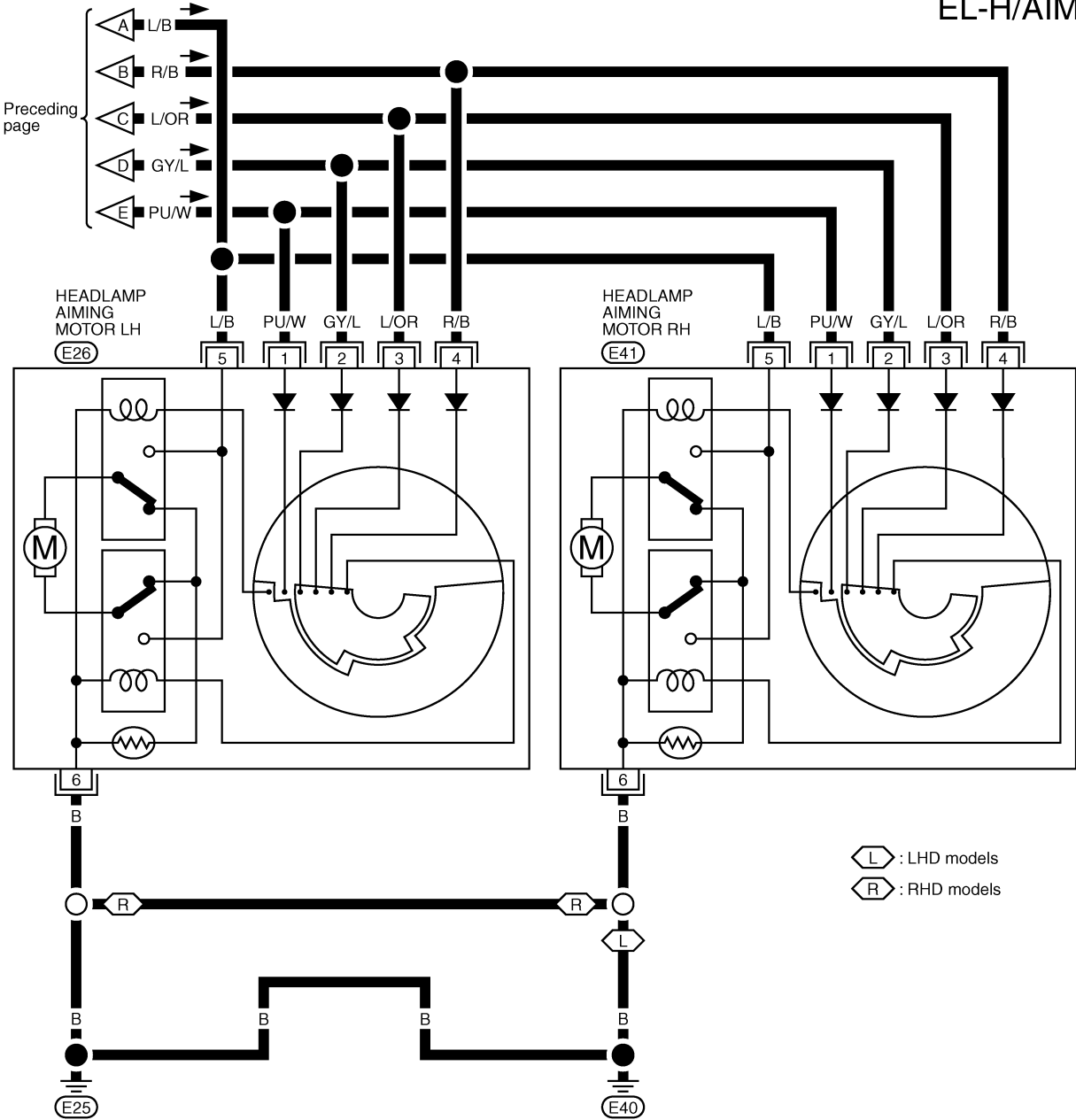


Refer to last page (Foldout page).

(M21), (E127)

HEADLAMP — Headlamp Aiming Control —
Wiring Diagram — H/AIM — (Cont'd)

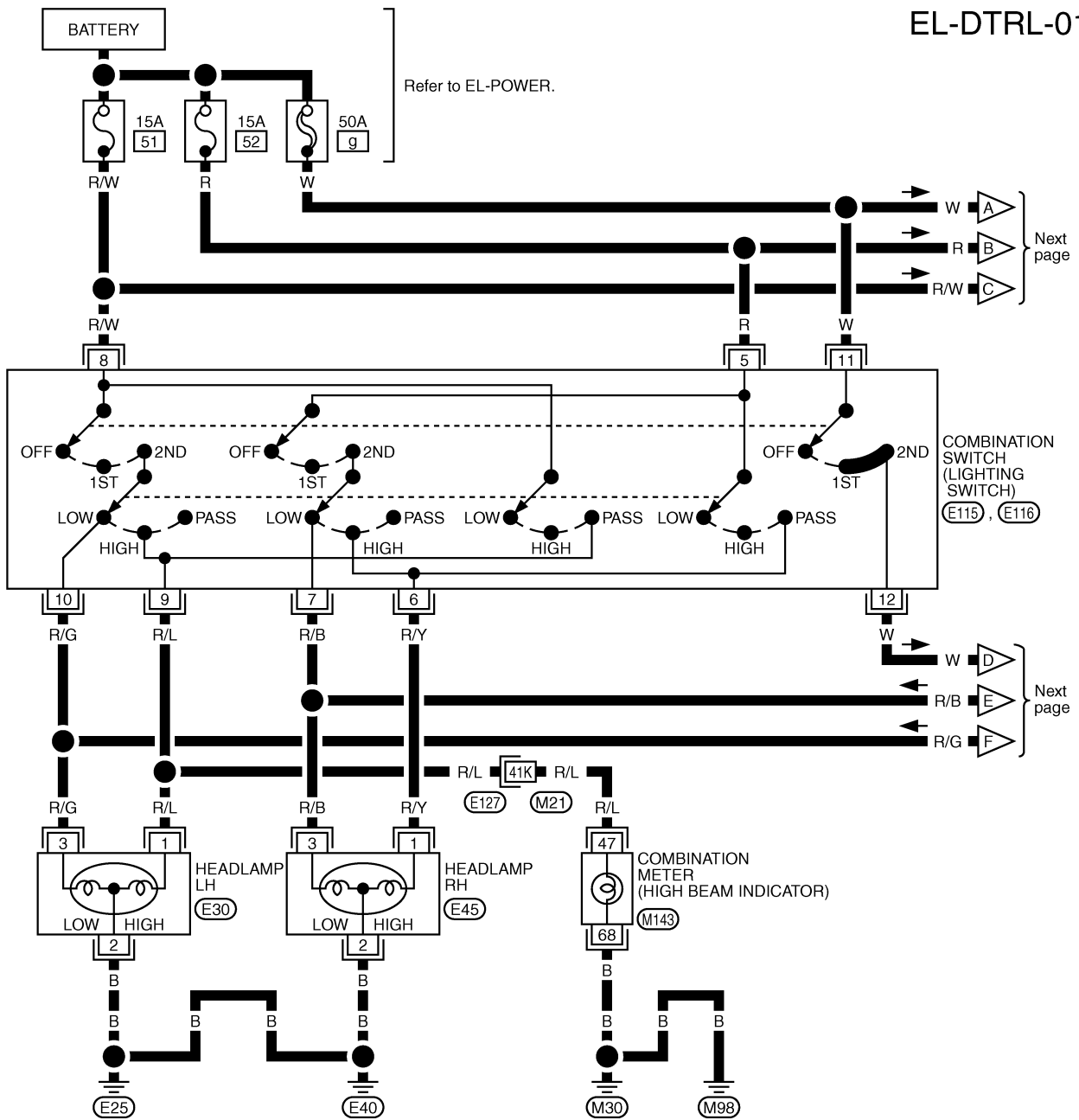
EL-H/AIM-02



HEADLAMP — Daytime Light System —

Wiring Diagram — DTRL —

EL-DTRL-01



45 46 47 48 49 50 51 52 53 54 55 (M143) 3 (E30), (E45)
56 57 58 59 60 61 62 63 64 65 66 67 68 BR 1 2 B B

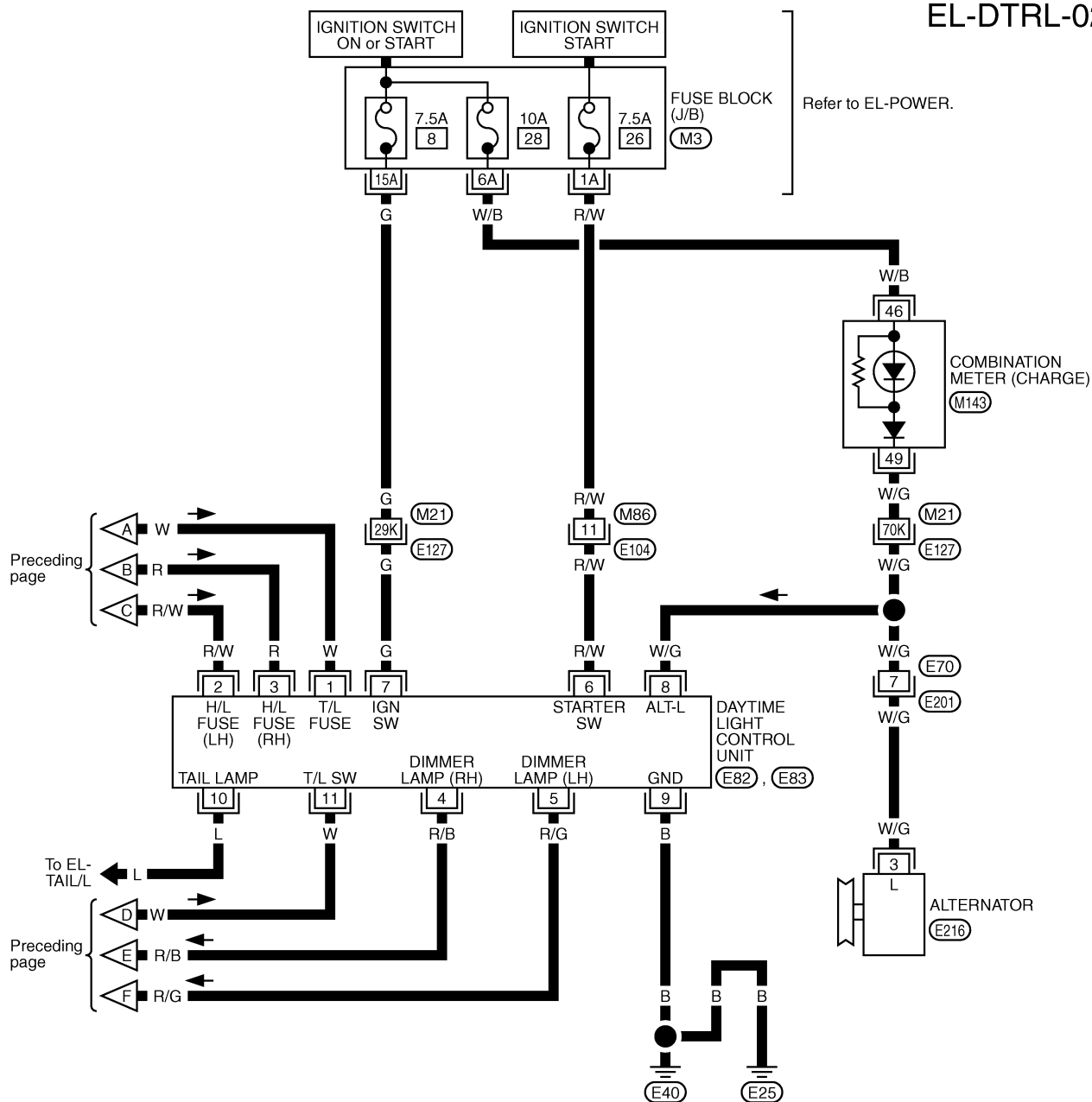
25 8 7 (E115) 11 5 10 12 (E116)
3 1 9 6 2 BR BR

Refer to last page (Foldout page).
(M21), (E127)

HEADLAMP — Daytime Light System —

Wiring Diagram — DTRL — (Cont'd)

EL-DTRL-02



45	46	47	48	49	50			51	52	53	54	55
56	57	58	59	60	61	62	63	64	65	66	67	68

1	9		10	E82 GY	E83 GY
11	12	13	4		

5	2	7	E83 GY
3	6	8	

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

1	2	3	4	5	E201 GY
6	7	8	9	10	

3	4	E216 GY

Refer to last page (Foldout page).

M21, E127

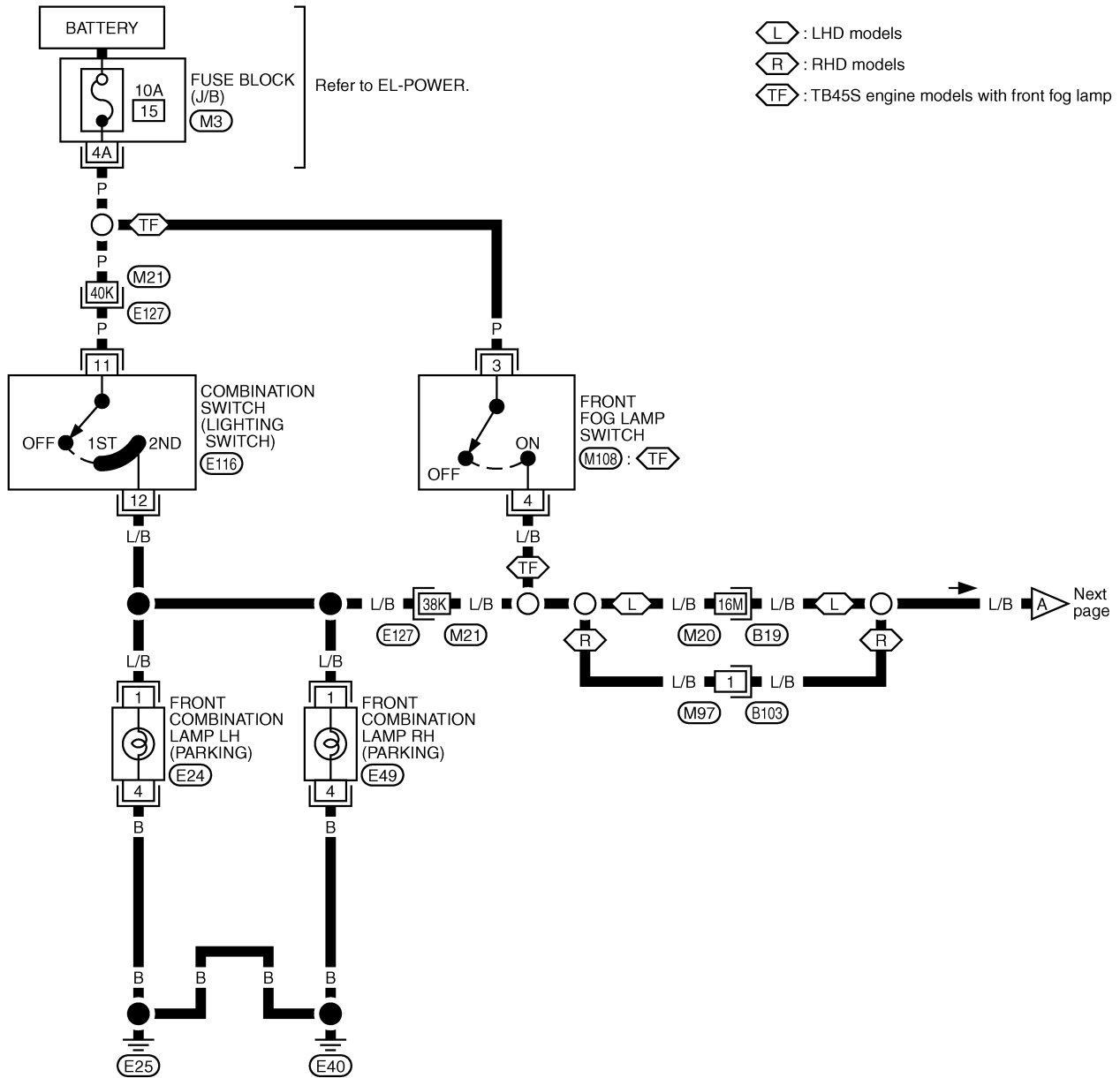
M3

PARKING, LICENSE AND TAIL LAMPS

Wiring Diagram — TAIL/L —/Type A

Rear combination lamps are not located on rear bumper.

EL-TAIL/L-01



2	1	4
6	5	3

M108
B

1	2
3	4

E24, E49
SB

11	5	10	12
----	---	----	----

E116 : <L>
BR

12	10	5	11
----	----	---	----

E116 : <R>
BR

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

B103
W

Refer to last page (Foldout page).

M20, B19

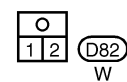
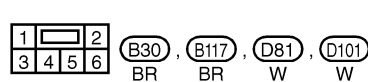
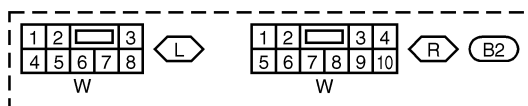
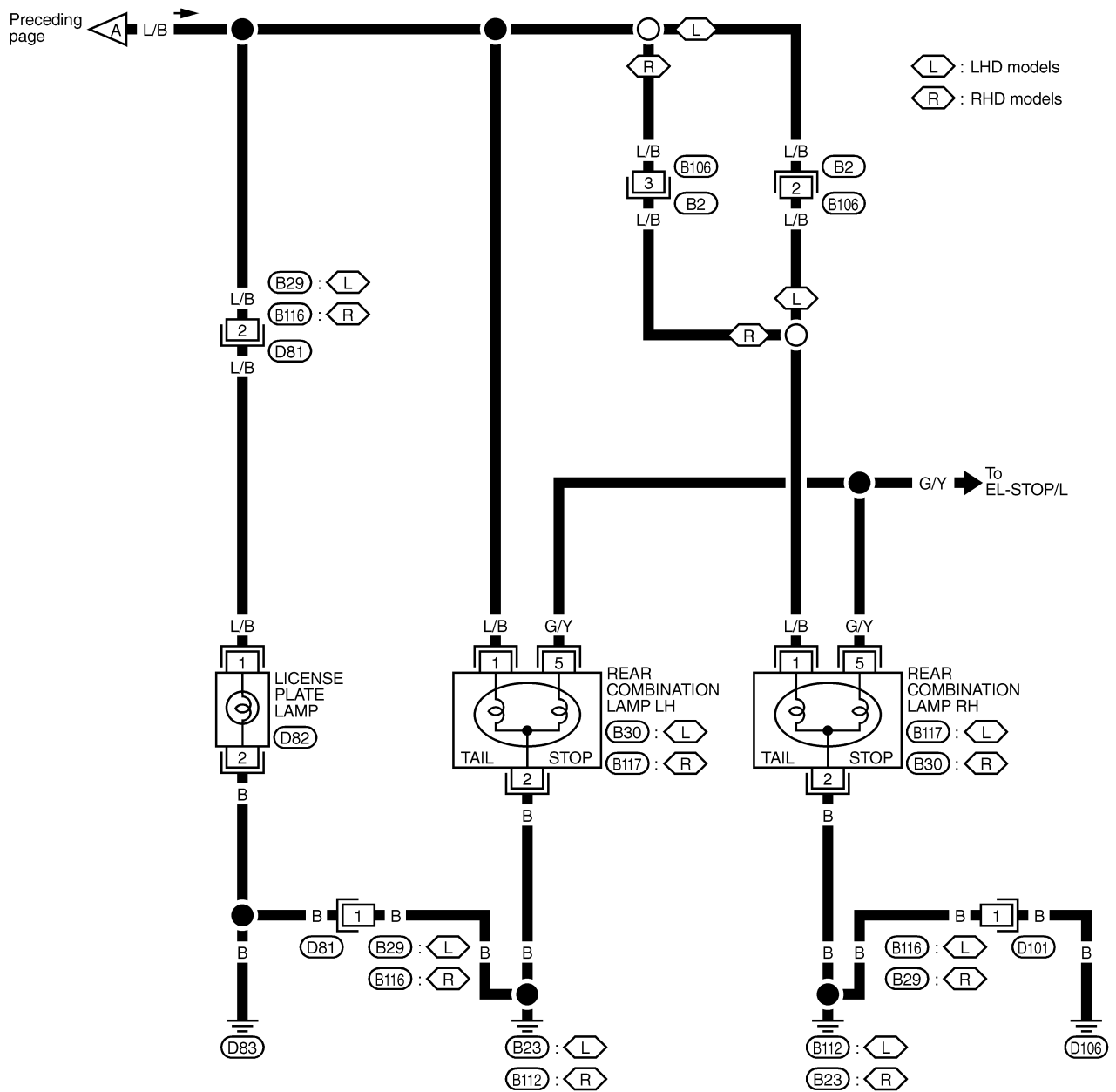
M21, E127

M3

PARKING, LICENSE AND TAIL LAMPS

Wiring Diagram — TAIL/L —/Type A (Cont'd)

EL-TAIL/L-02



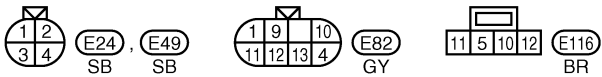
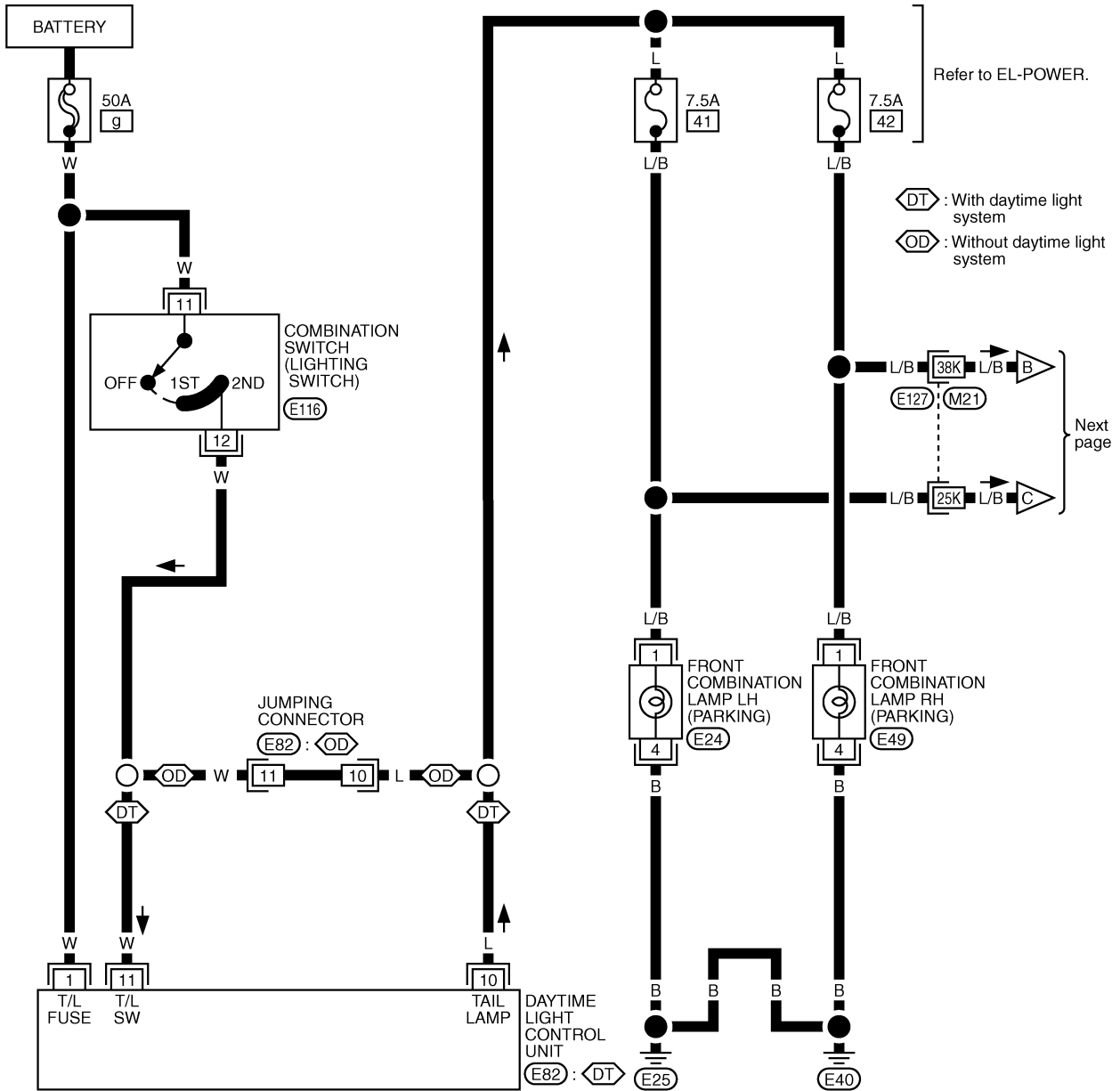
PARKING, LICENSE AND TAIL LAMPS

Wiring Diagram — TAIL/L —/Type B

LHD MODELS FOR EUROPE

REAR COMBINATION LAMP
Rear combination lamps are located on rear bumper.

EL-TAIL/L-03



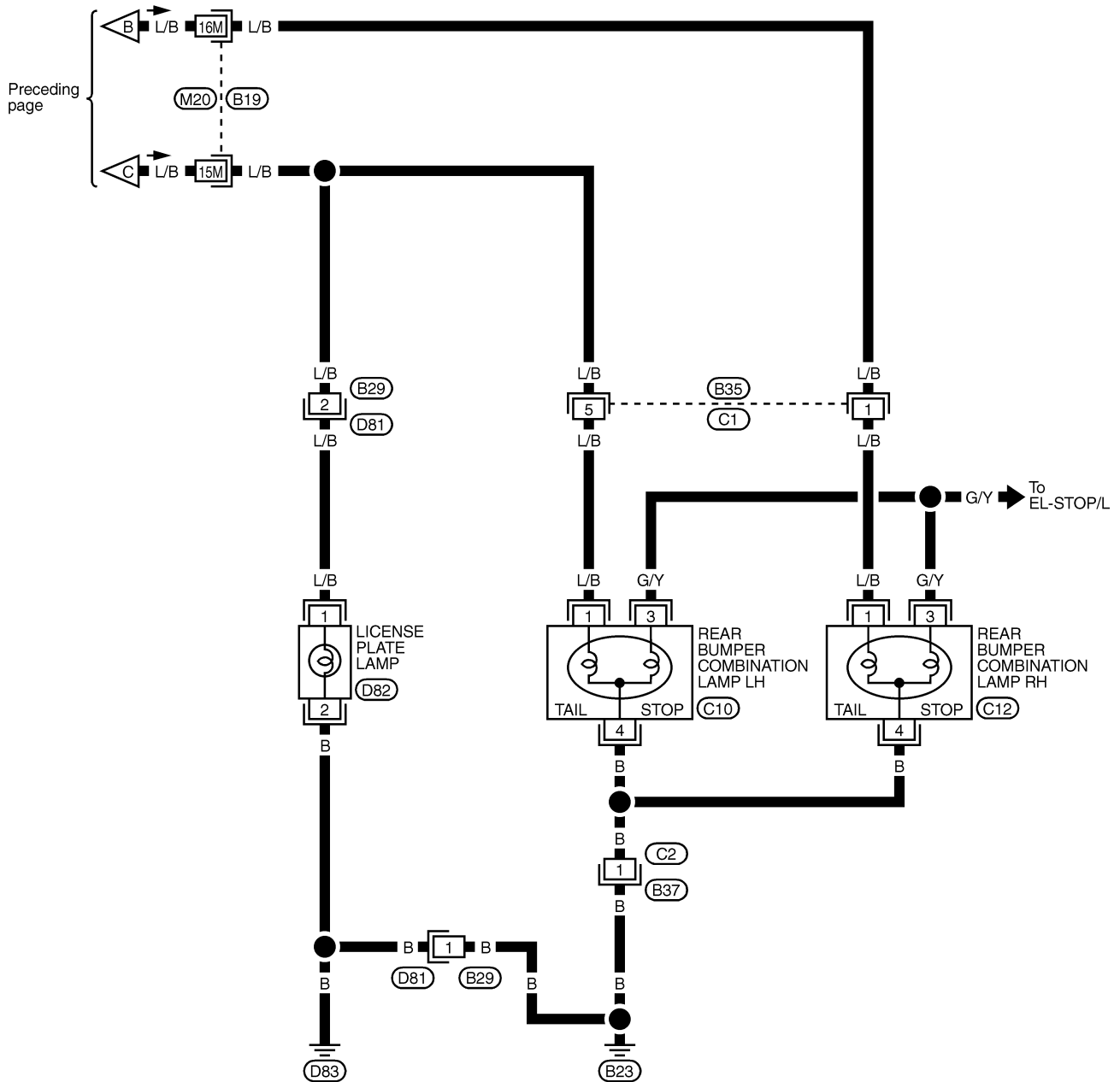
Refer to last page (Foldout page).

(M21), (E127)

PARKING, LICENSE AND TAIL LAMPS

Wiring Diagram — TAIL/L —/Type B (Cont'd)

EL-TAIL/L-04



Refer to last page (Foldout page).
M20, B19

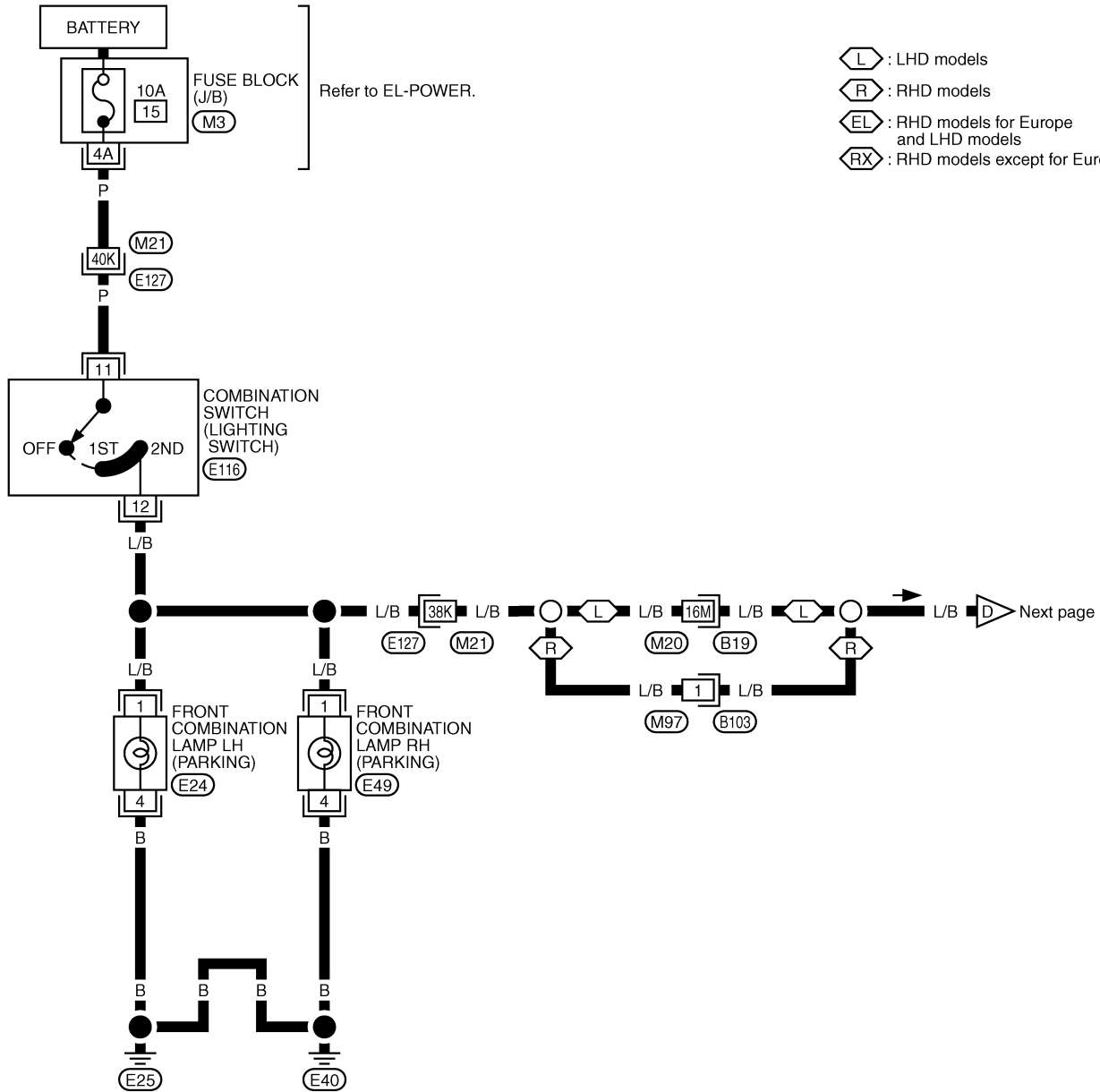
PARKING, LICENSE AND TAIL LAMPS

Wiring Diagram — TAIL/L —/Type C

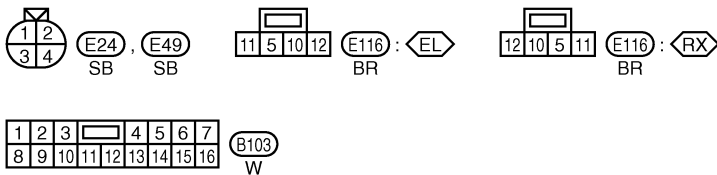
RHD MODELS FOR EUROPE

Rear combination lamps are located on rear bumper.

EL-TAIL/L-05



- L : LHD models
- R : RHD models
- EL : RHD models for Europe and LHD models
- RX : RHD models except for Europe



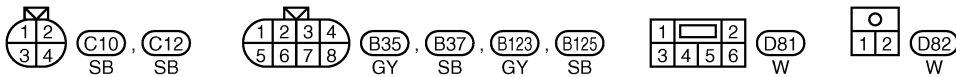
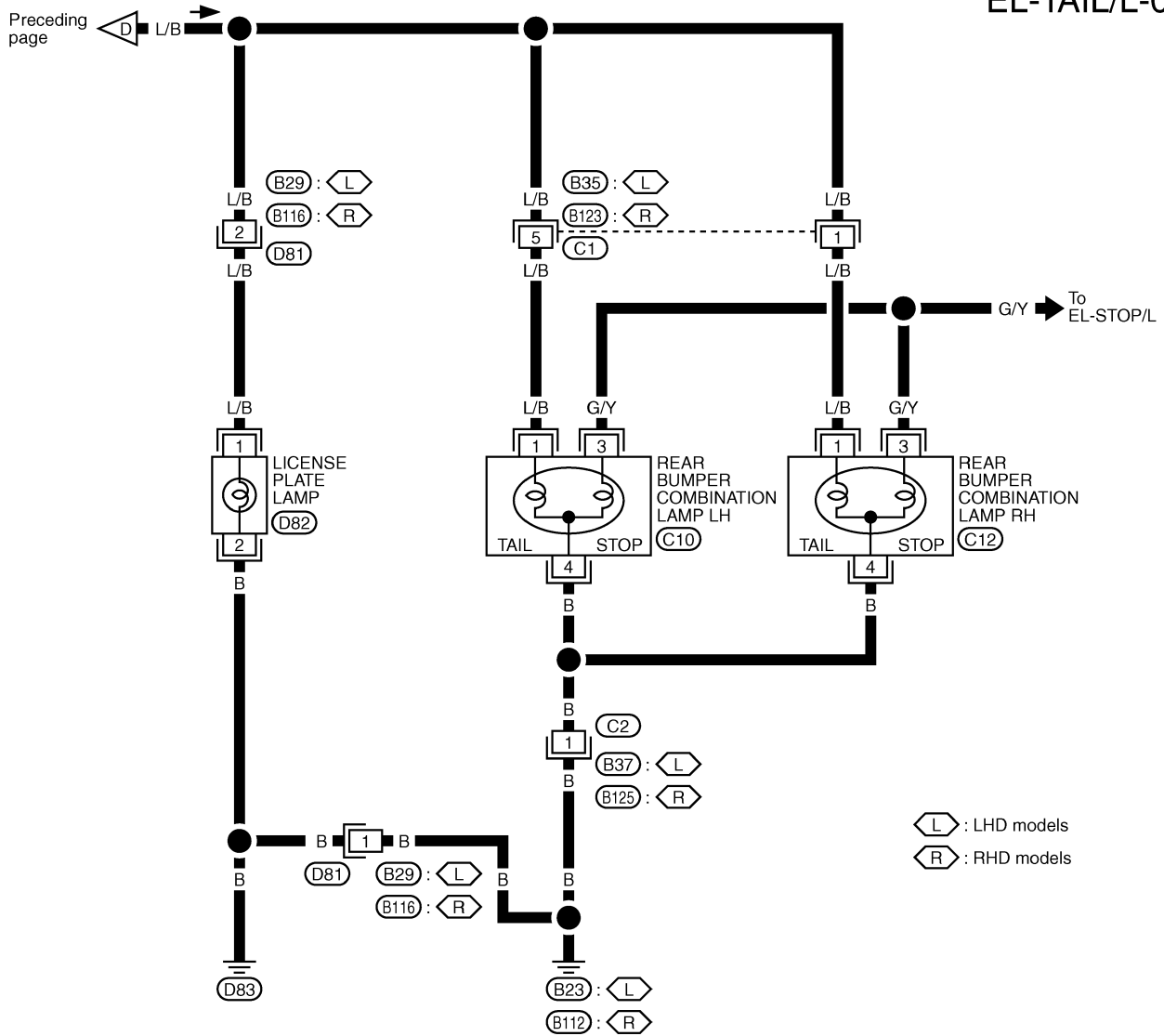
Refer to last page (Foldout page).

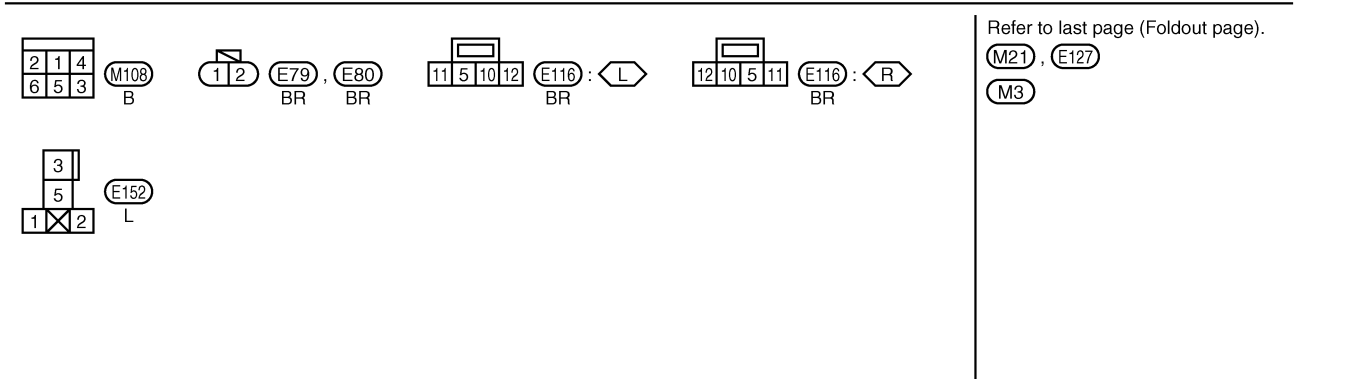
- M20, B19
- M21, E127
- M3

PARKING, LICENSE AND TAIL LAMPS

Wiring Diagram — TAIL/L —/Type C (Cont'd)

EL-TAIL/L-06

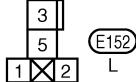
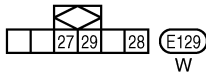
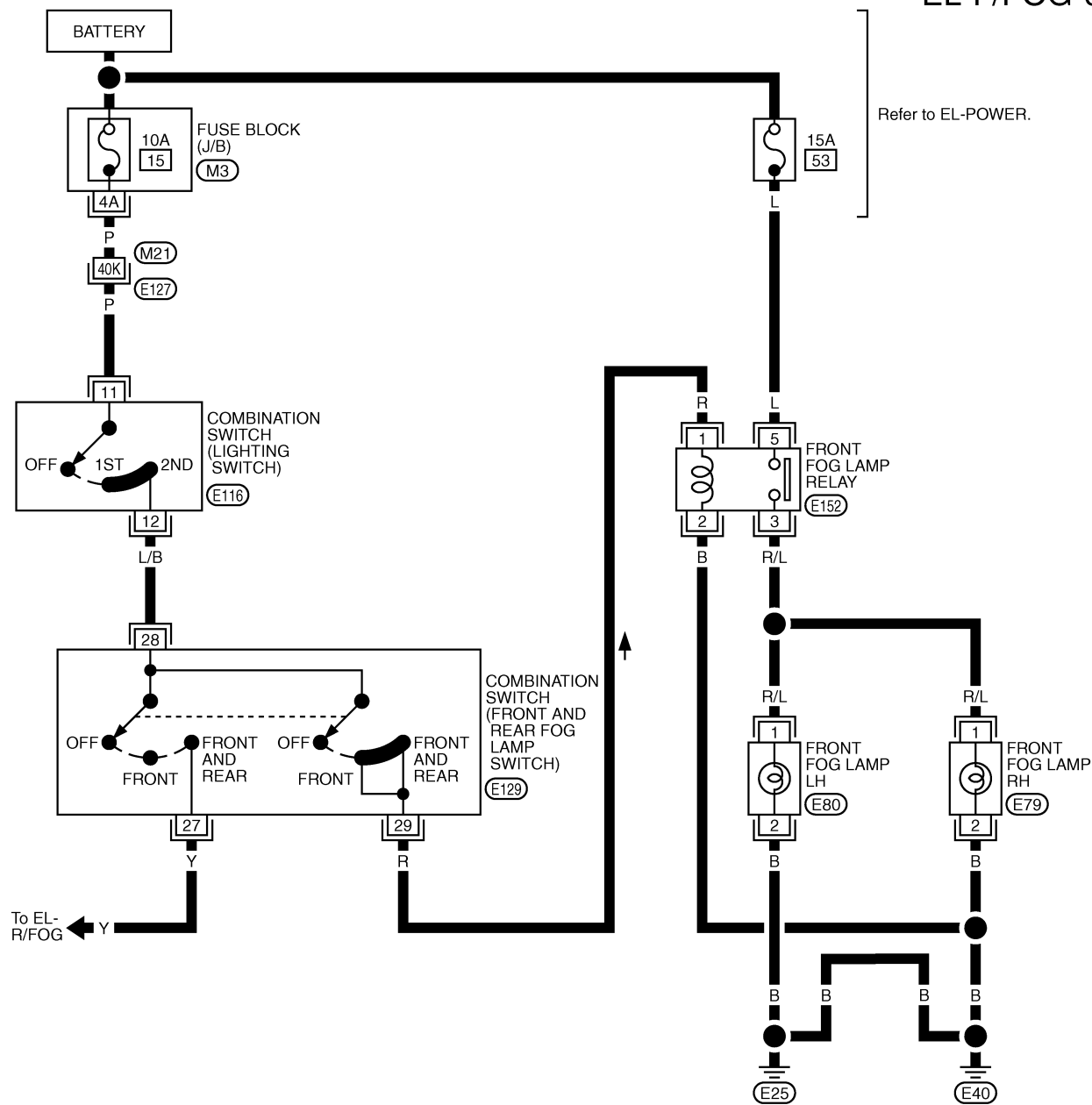




FRONT FOG LAMP

Wiring Diagram — F/FOG —/RHD Models for Europe

EL-F/FOG-02



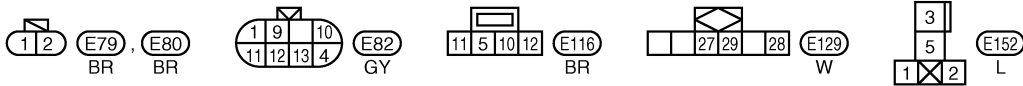
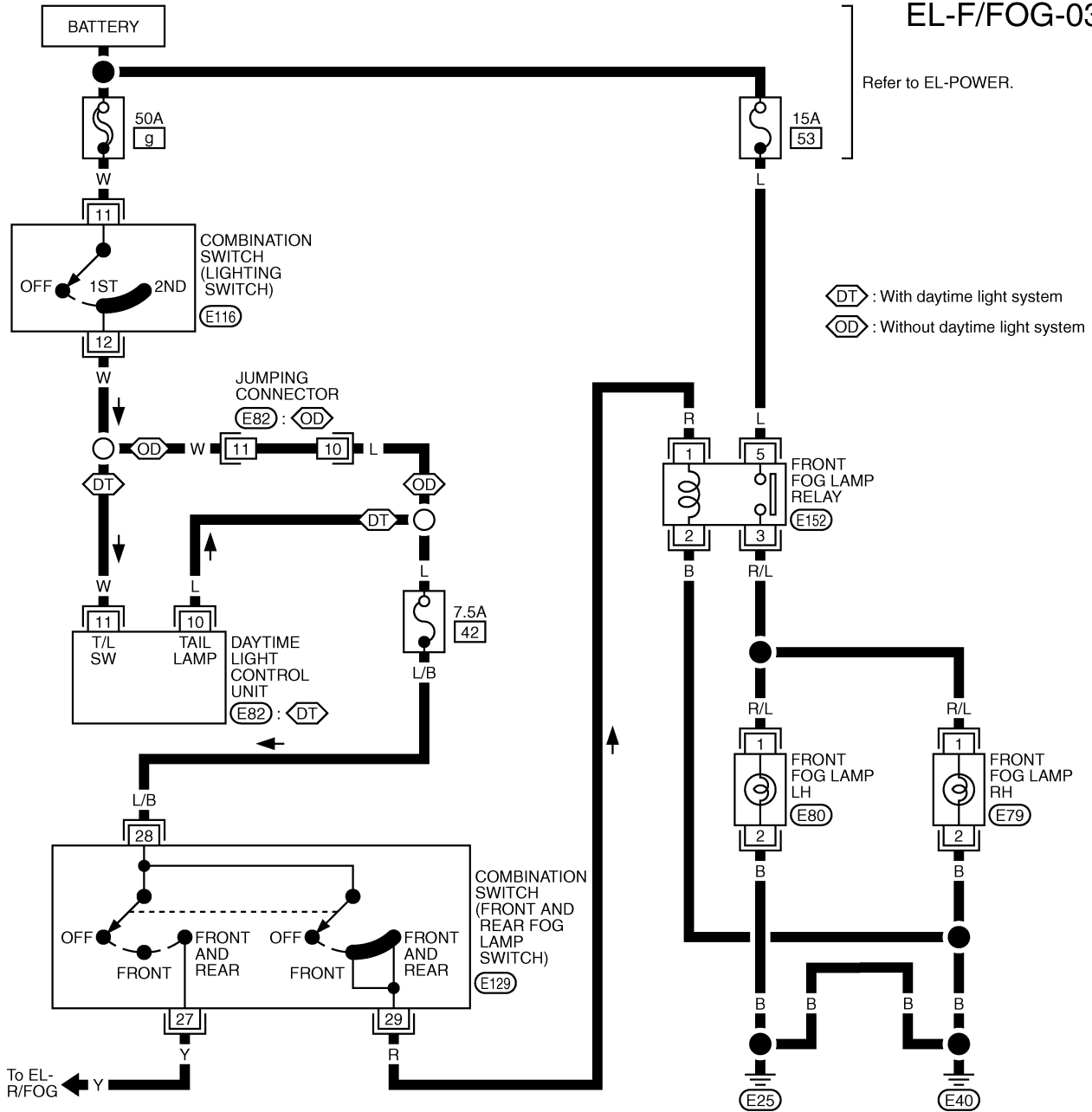
Refer to last page (Foldout page).
(M21) (E127)
(M3)

FRONT FOG LAMP

Wiring Diagram — F/FOG —/LHD Models for Europe

EL-F/FOG-03

Refer to EL-POWER.

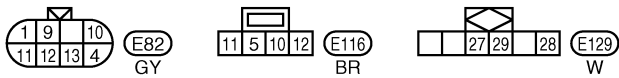
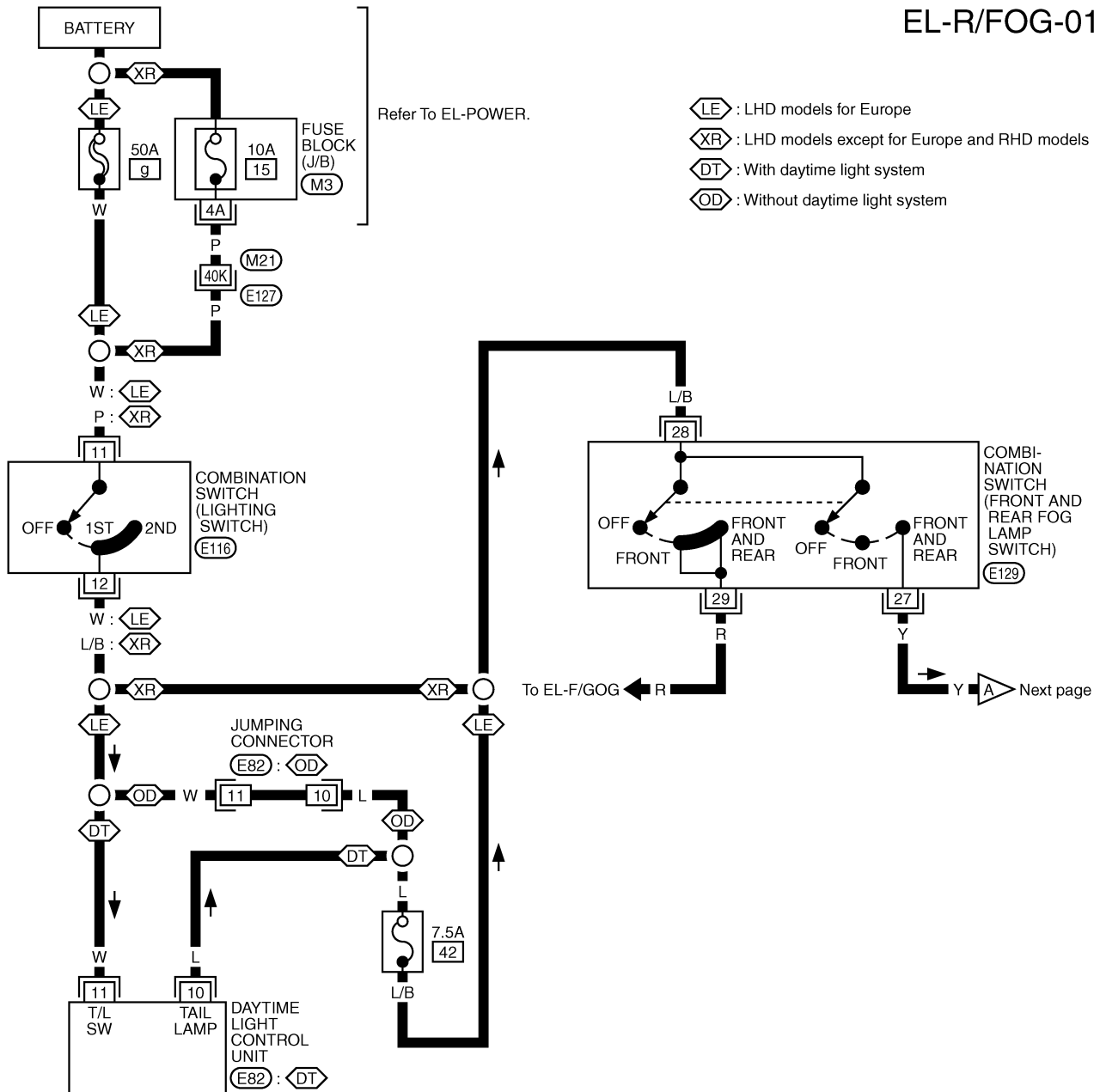


REAR FOG LAMP

Wiring Diagram — R/FOG —/For Europe

WITH FRONT FOG LAMP

EL-R/FOG-01



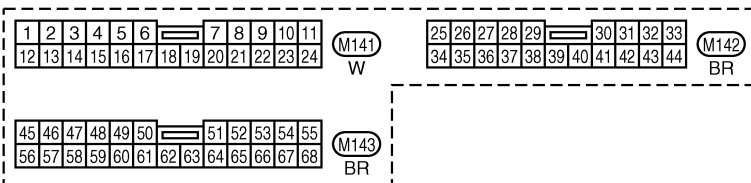
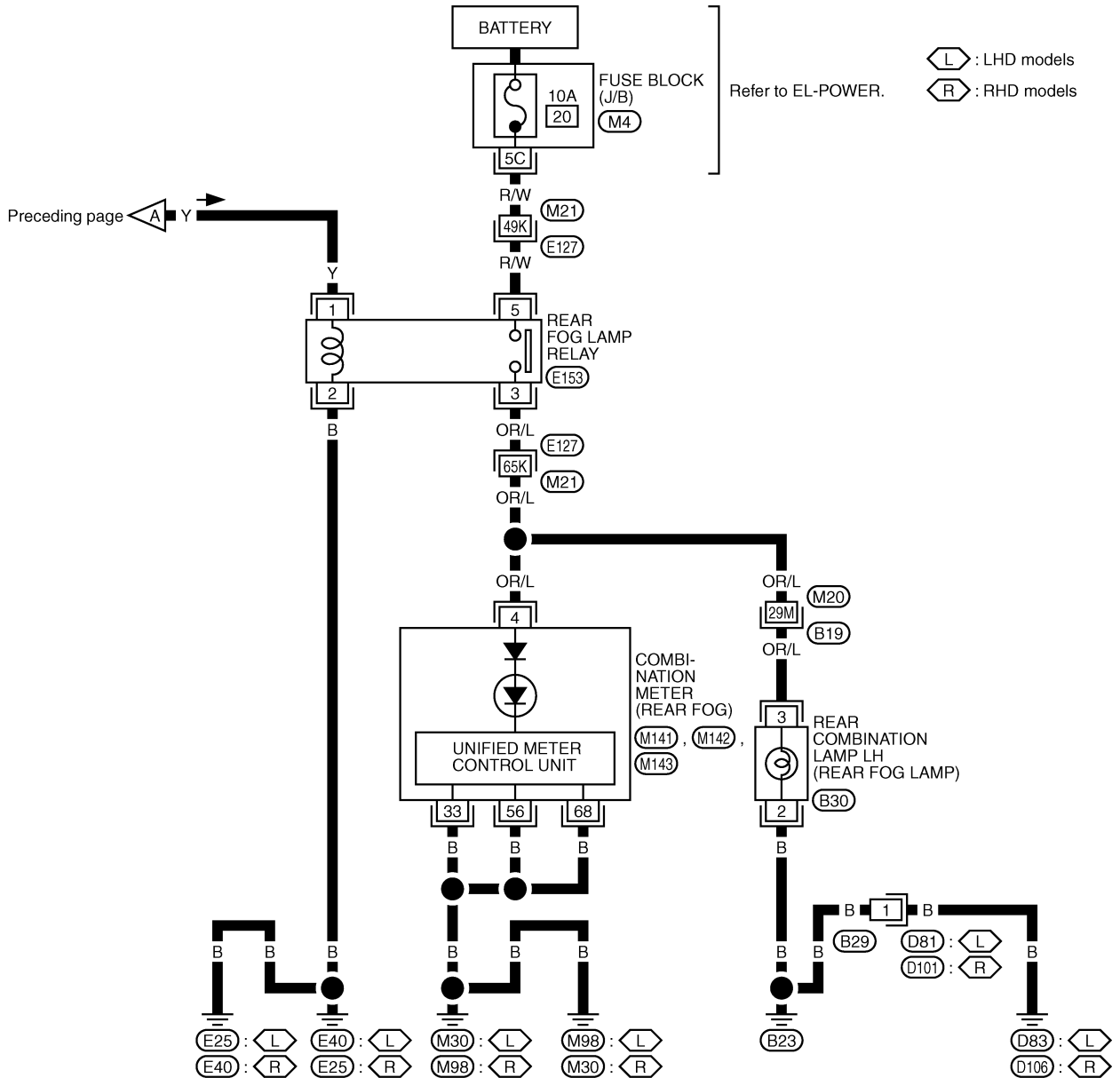
Refer to last page (Foldout page).

M21, E127
M3

REAR FOG LAMP

Wiring Diagram — R/FOG —/For Europe (Cont'd)

EL-R/FOG-02



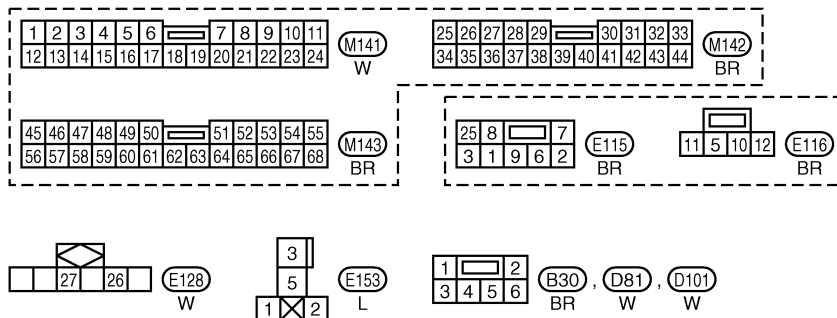
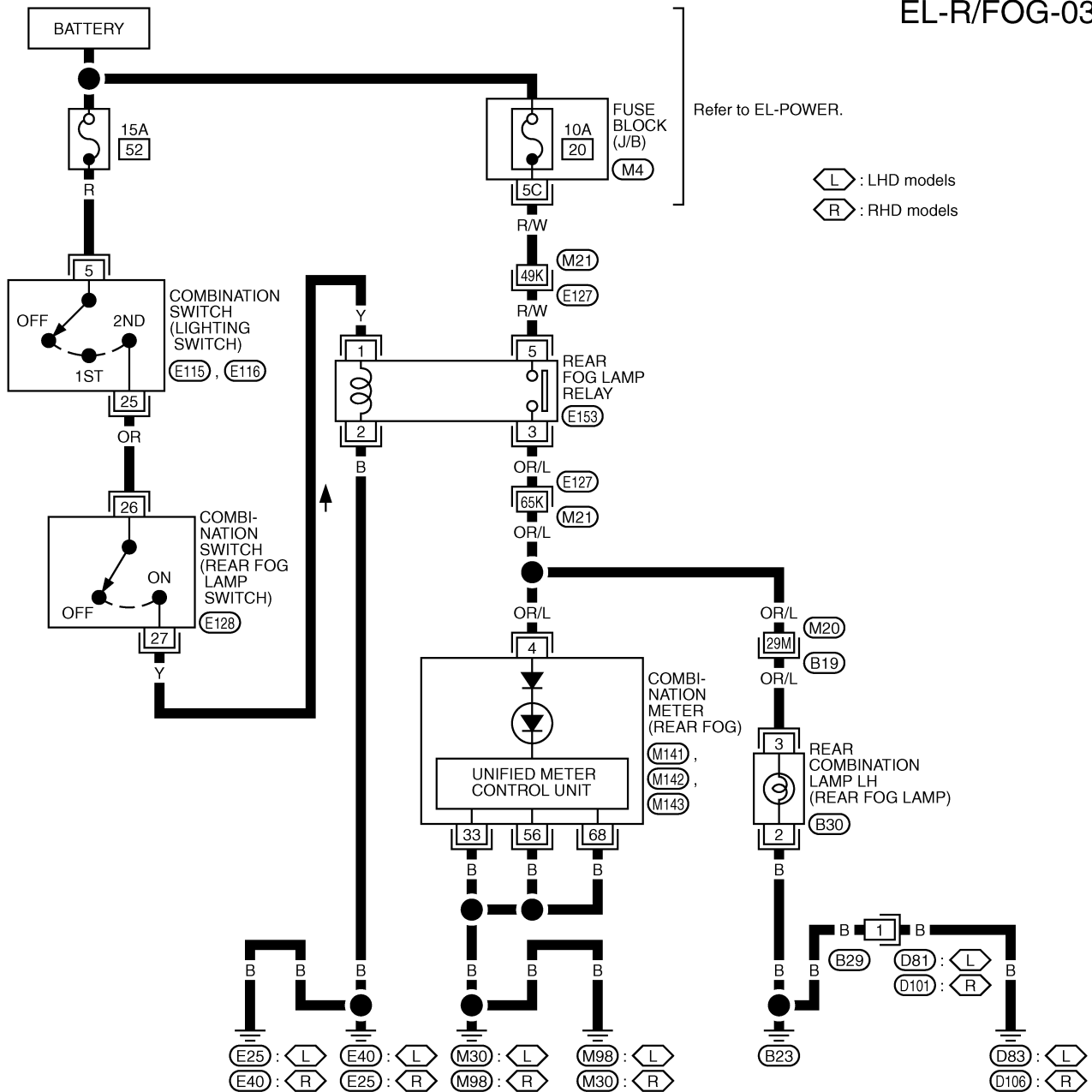
Refer to last page (Foldout page).

M20, B19
M21, E127
M4

Wiring Diagram — R/FOG —/For Europe (Cont'd)

WITHOUT FRONT FOG LAMP

EL-R/FOG-03



Refer to last page (Foldout page).

M20, B19
M21, E127
M4

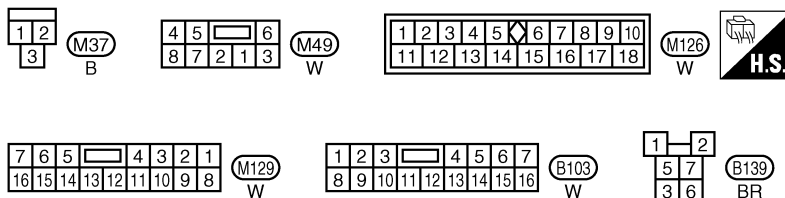
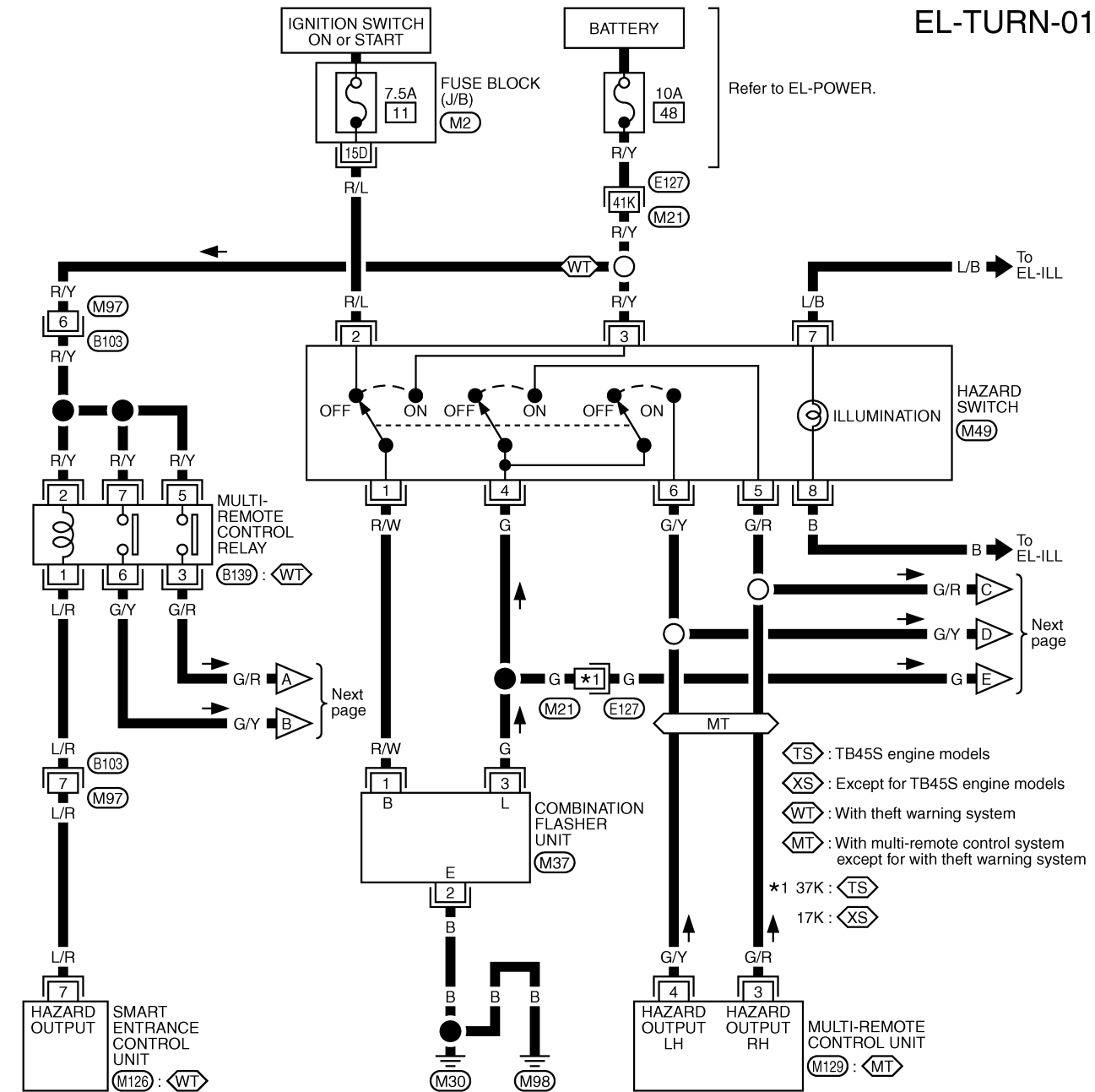
TURN SIGNAL AND HAZARD WARNING LAMPS

Wiring Diagram — TURN —/Type A

RHD MODELS FOR ISRAEL

REAR COMBINATION LAMP LOCATION
Rear combination lamps are not located on rear bumper.

EL-TURN-01



Refer to last page (Foldout page).

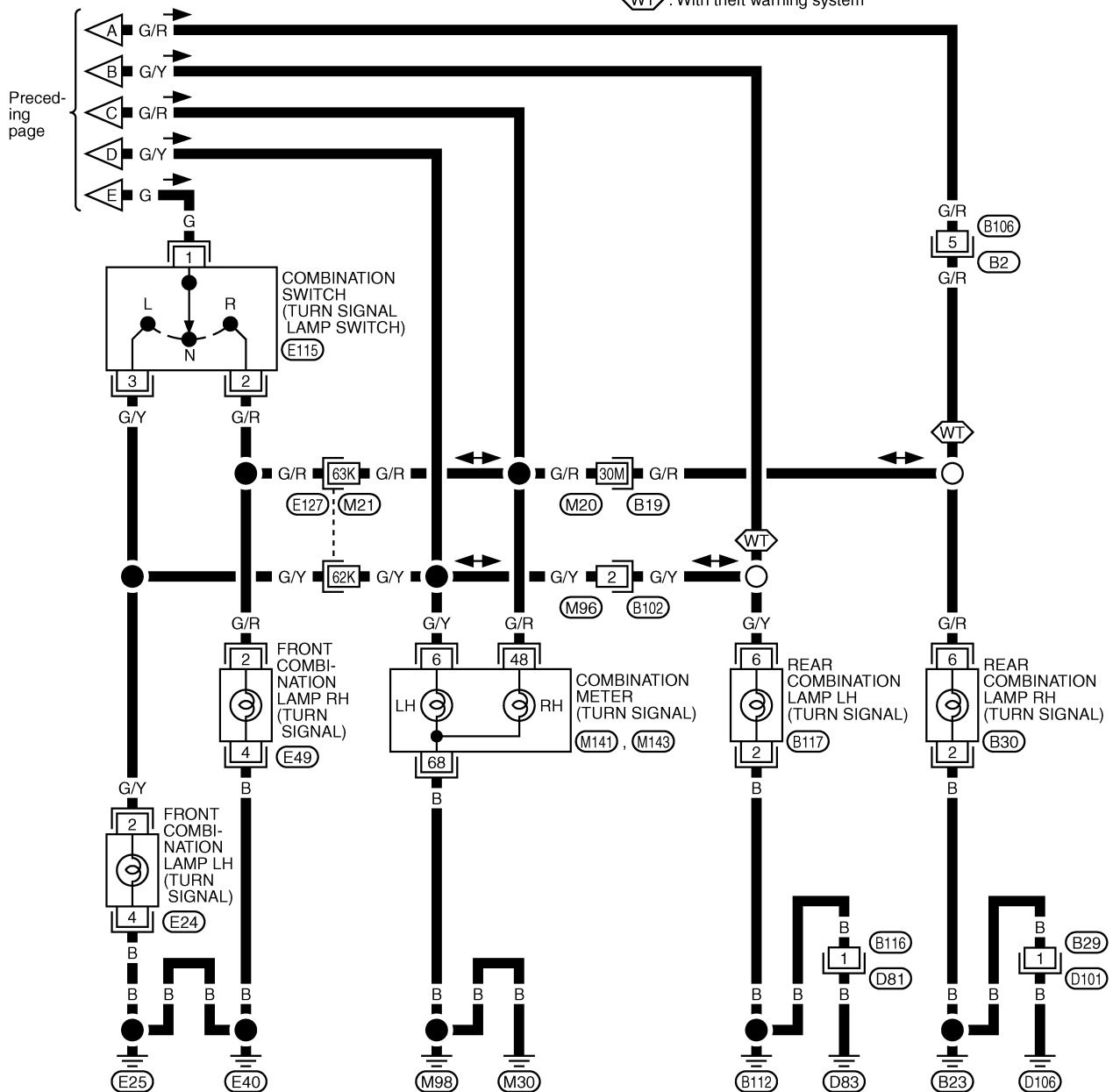
(M21), (E127)
(M2)

TURN SIGNAL AND HAZARD WARNING LAMPS

Wiring Diagram — TURN —/Type A (Cont'd)

EL-TURN-02

WT : With theft warning system



1	2	3	4	5	6			7	8	9	10	11	M141		45	46	47	48	49	50			51	52	53	54	55	M143	
12	13	14	15	16	17	18	19	20	21	22	23	24	W		56	57	58	59	60	61	62	63	64	65	66	67	68	BR	

1	2	3	4	E24	E49	7	6	3	1	9	8	2	E115	1	2	3	4	B2
SB	SB					BR							BR	W				W

1	2	3	4	5	6	B30	B117	D81	D101	1	2	3	4	5	6	7	8	9	B102
BR	BR							W	W										W

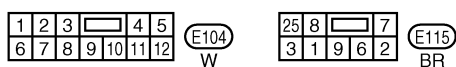
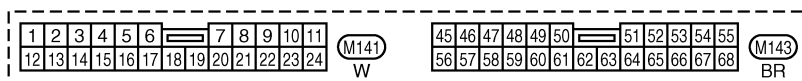
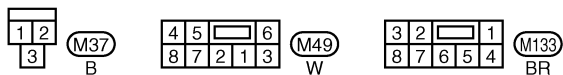
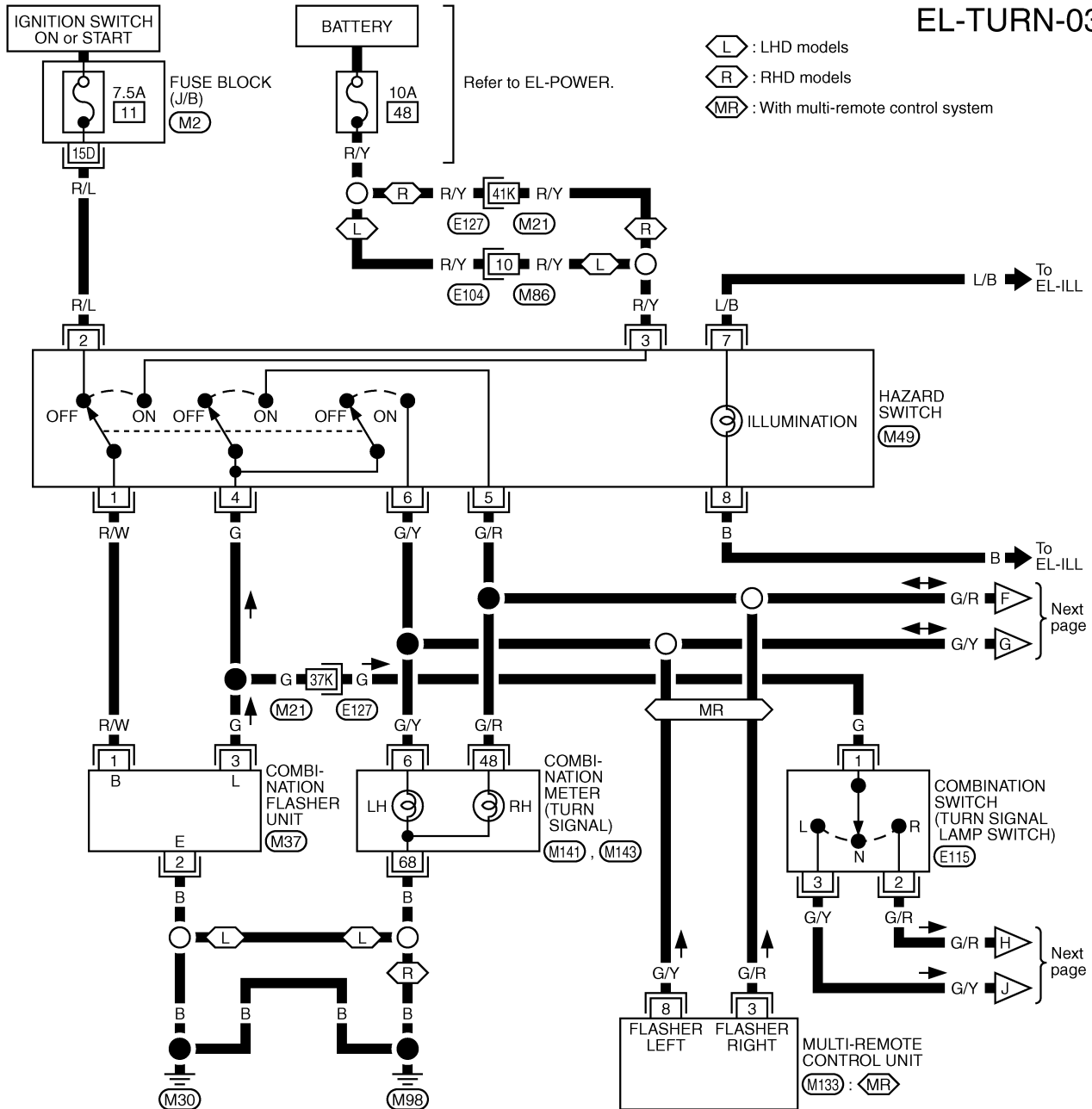
TURN SIGNAL AND HAZARD WARNING LAMPS

Wiring Diagram — TURN —/Type C

FOR EUROPE

Rear combination lamps are located on rear bumper.

EL-TURN-03



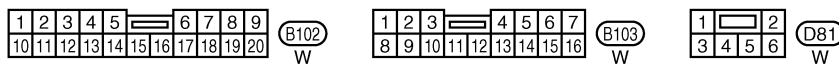
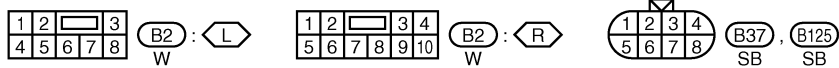
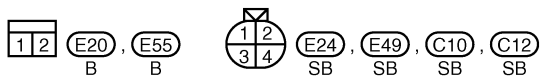
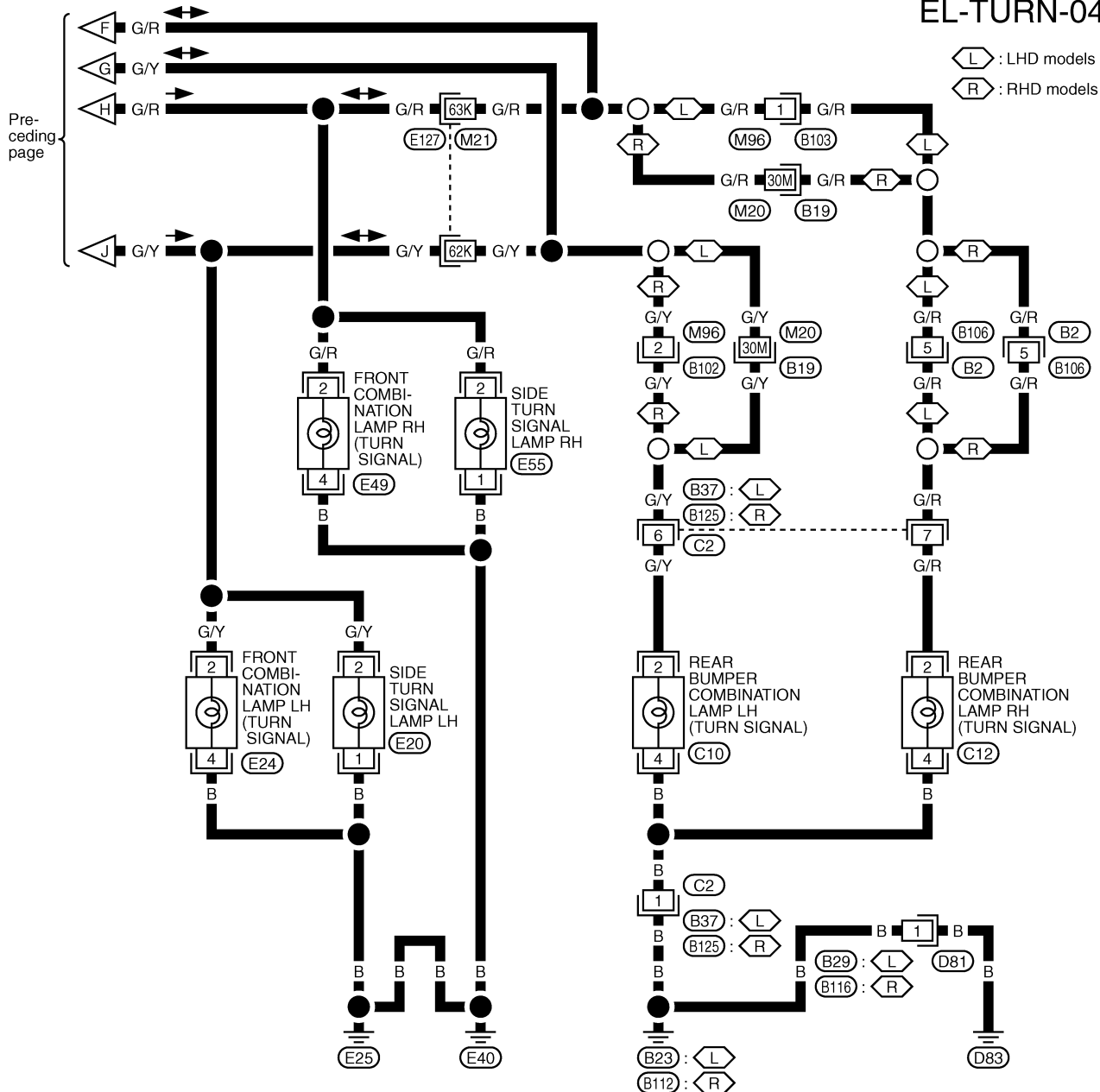
Refer to last page (Foldout page).

M21, E127

M2

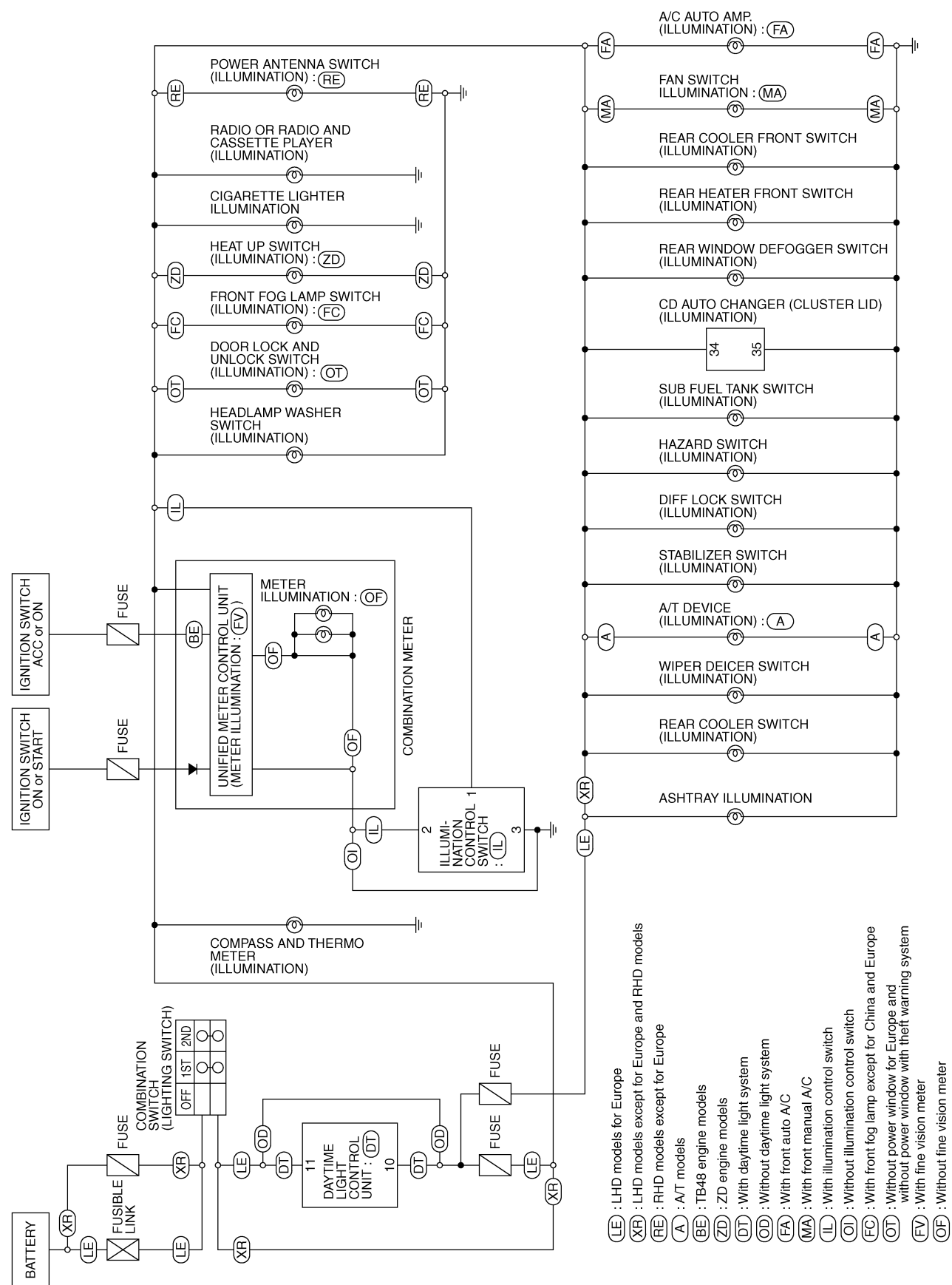
Wiring Diagram — TURN —/Type C (Cont'd)

 : LHD models
 : RHD models



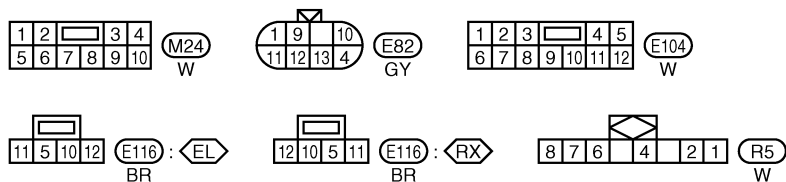
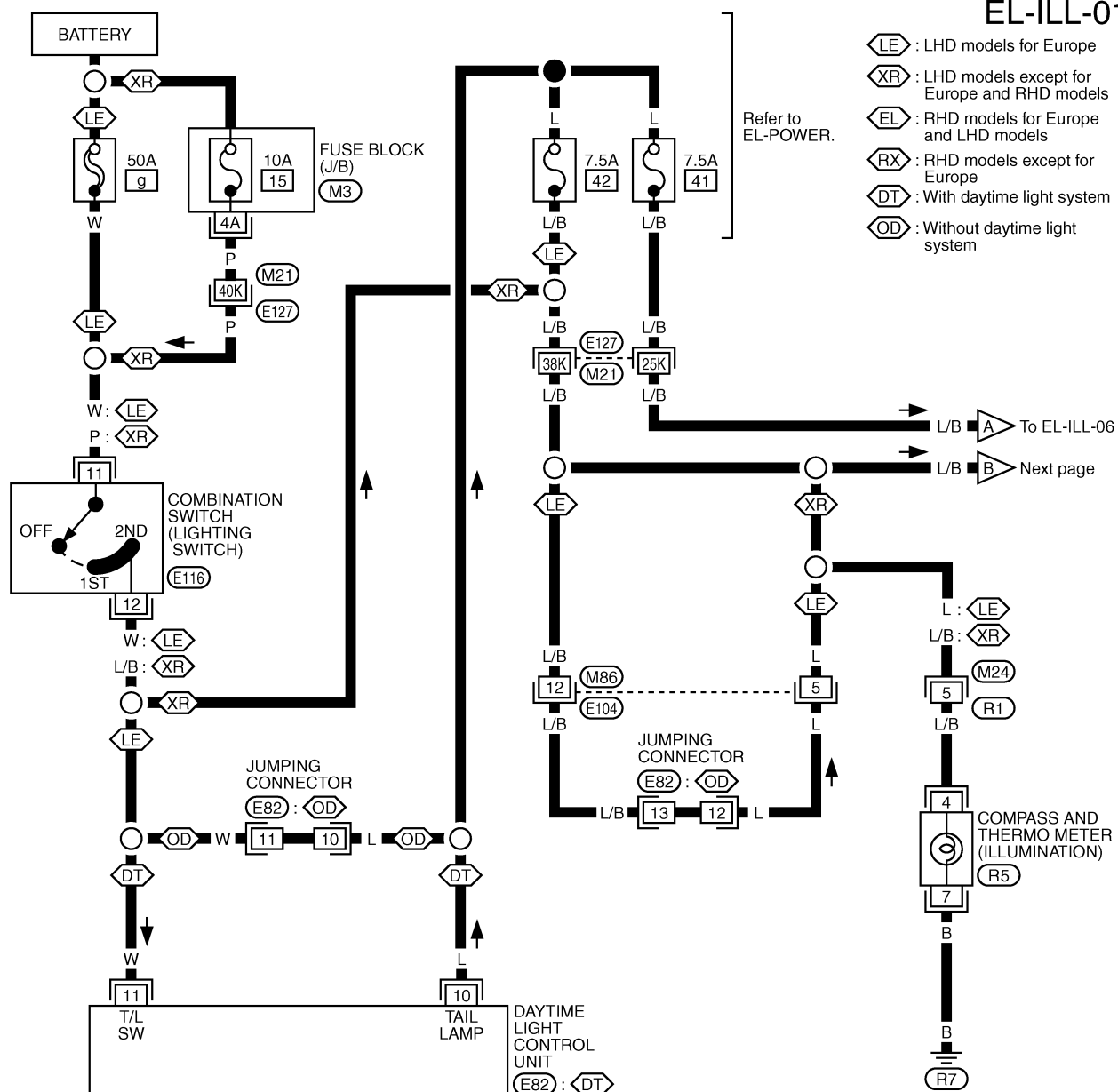
M21, E127

Schematic



Wiring Diagram — ILL —

EL-ILL-01



Refer to last page (Foldout page).

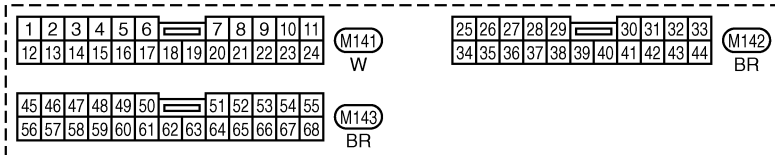
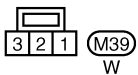
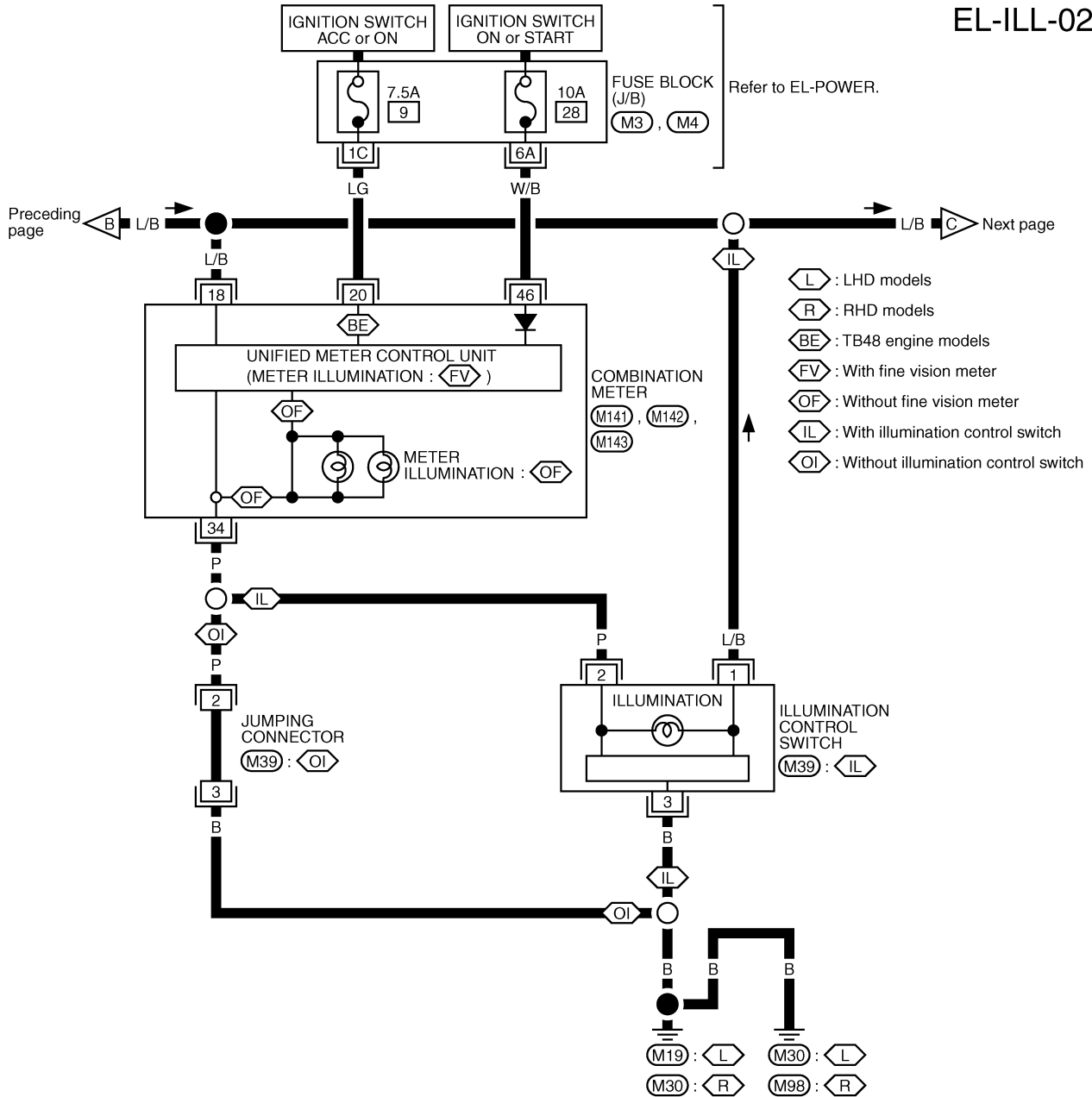
(M21), (E127)

M3

ILLUMINATION

Wiring Diagram — ILL — (Cont'd)

EL-ILL-02



Refer to last page (Foldout page).

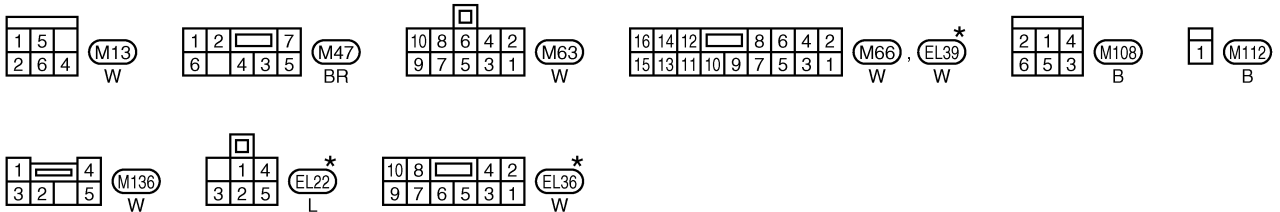
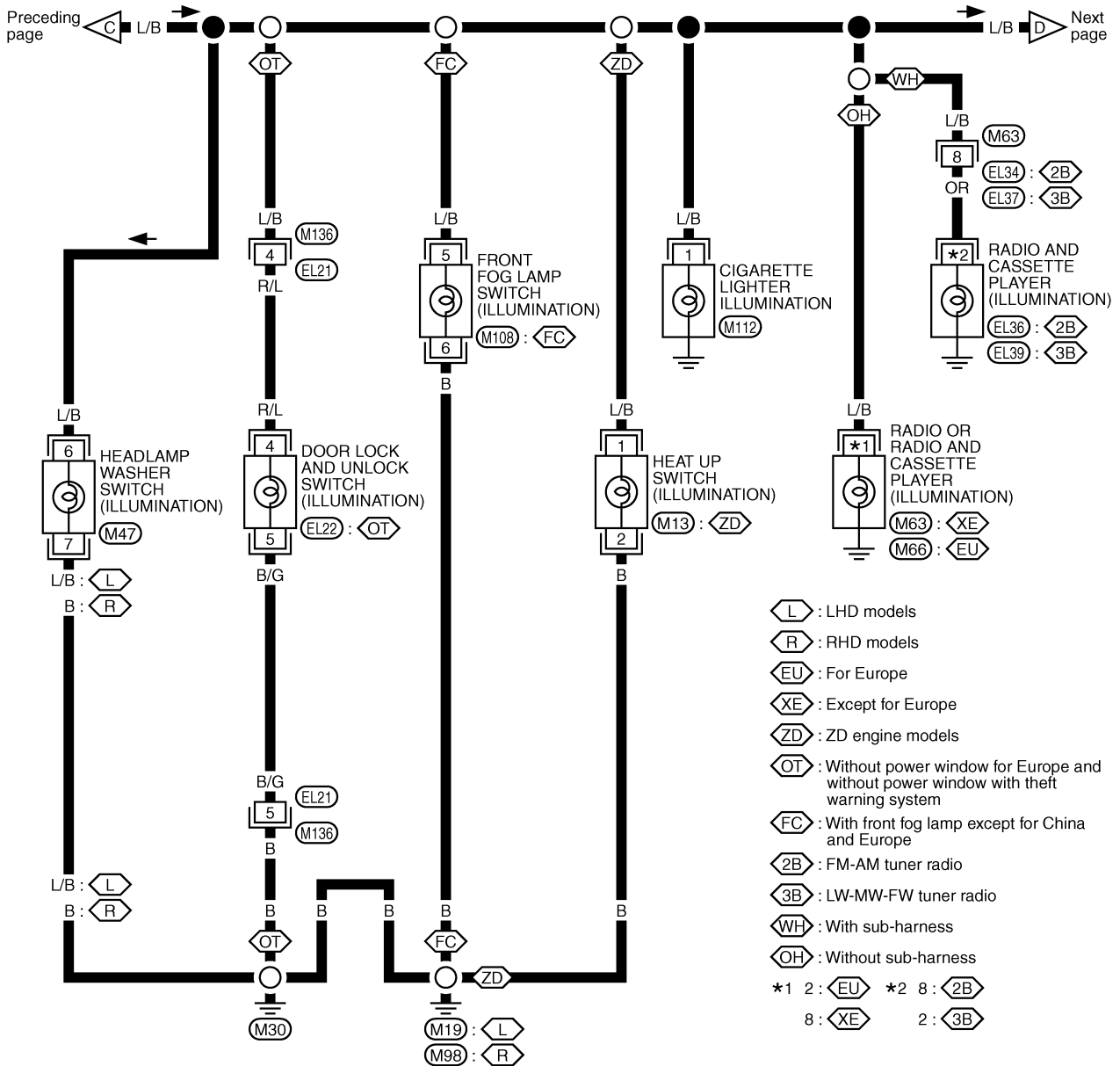
M3

M4

ILLUMINATION

Wiring Diagram — ILL — (Cont'd)

EL-ILL-03



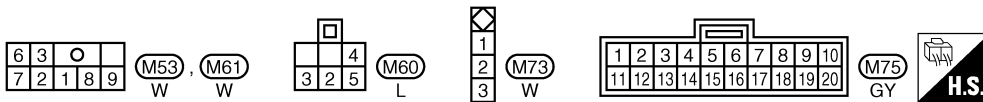
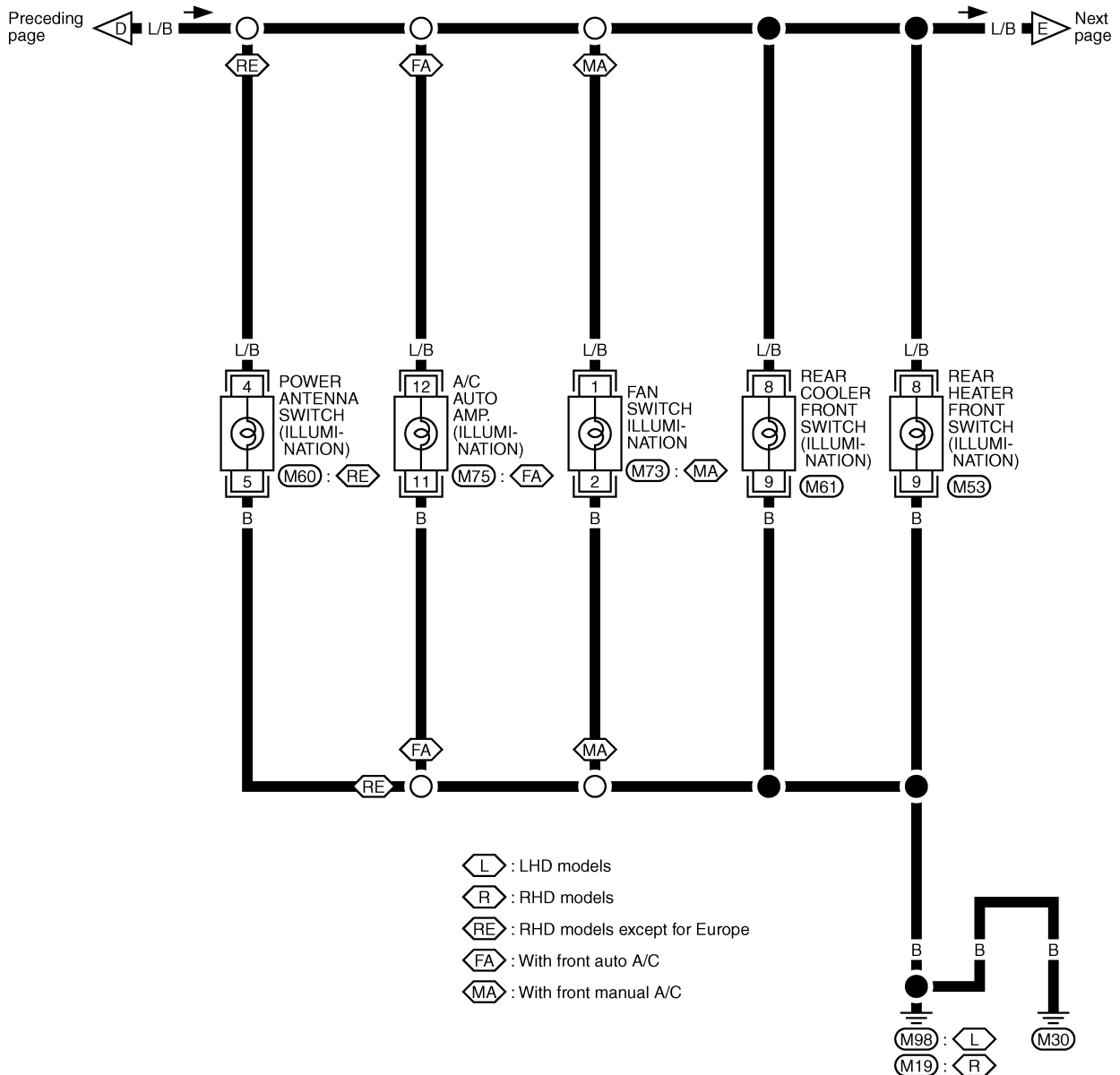
★: This connector is not shown in "HARNESS LAYOUT", EL section.

TEL759M

ILLUMINATION

Wiring Diagram — ILL — (Cont'd)

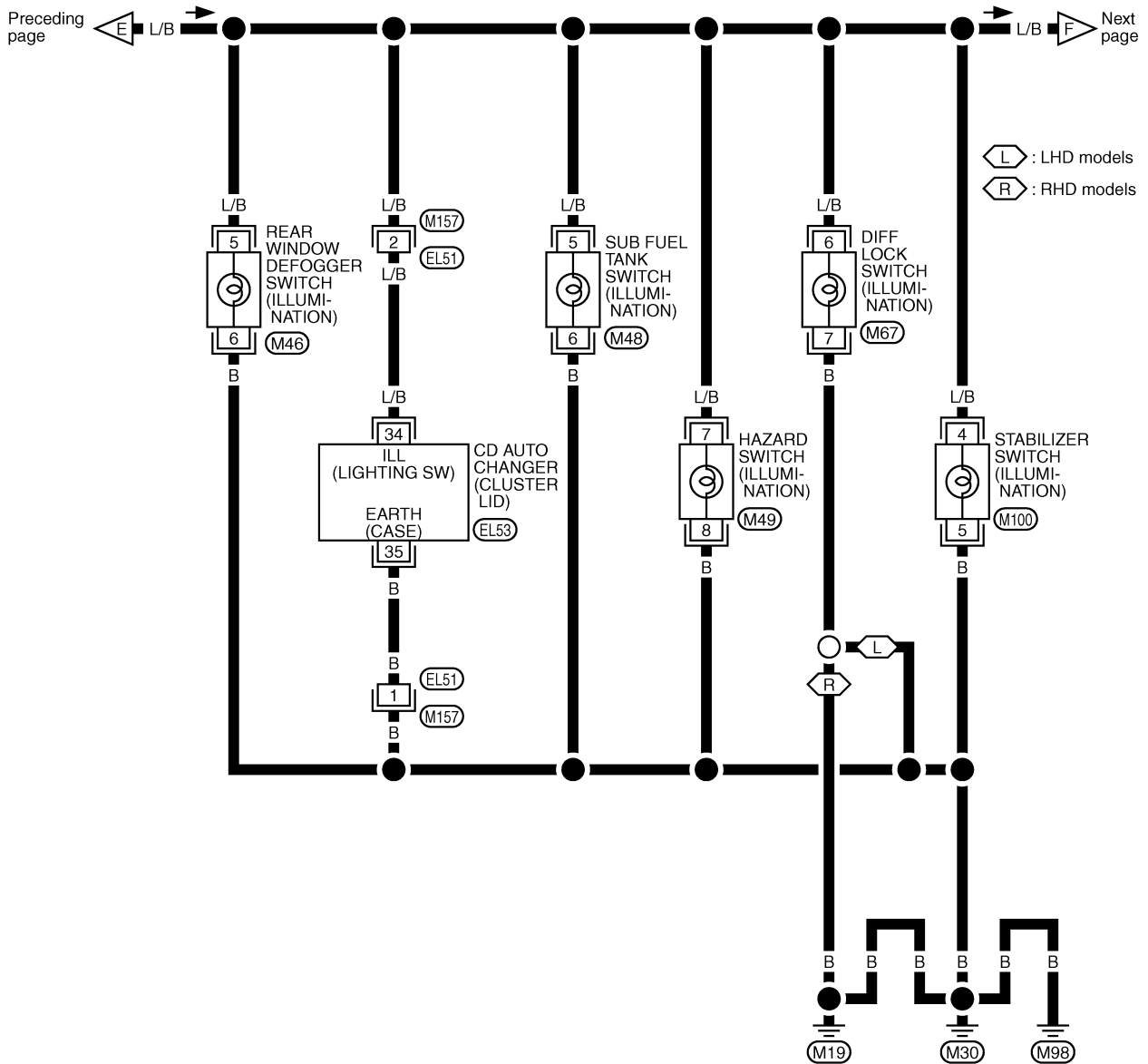
EL-ILL-04



ILLUMINATION

Wiring Diagram — ILL — (Cont'd)

EL-ILL-05



2	6	1
4	3	5

(M46)
W

2		1
3	4	5

(M48)
BR

4	5		6
8	7	2	1
		3	

(M49)
W

5		7
1	2	6

(M67)
BR

	1	4
2	3	5

(M100)
L

1	2	3	4
---	---	---	---

(M157)
W

36	34	32		28	26	24	22
35	33	31	30	29	27	25	23

(EL53)
W

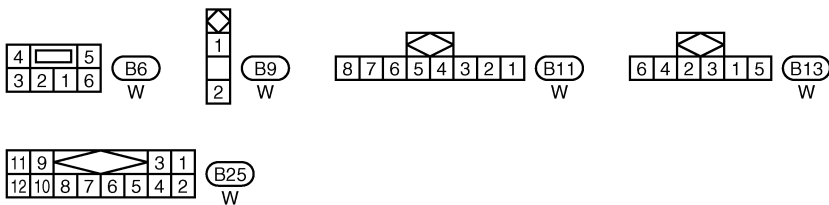
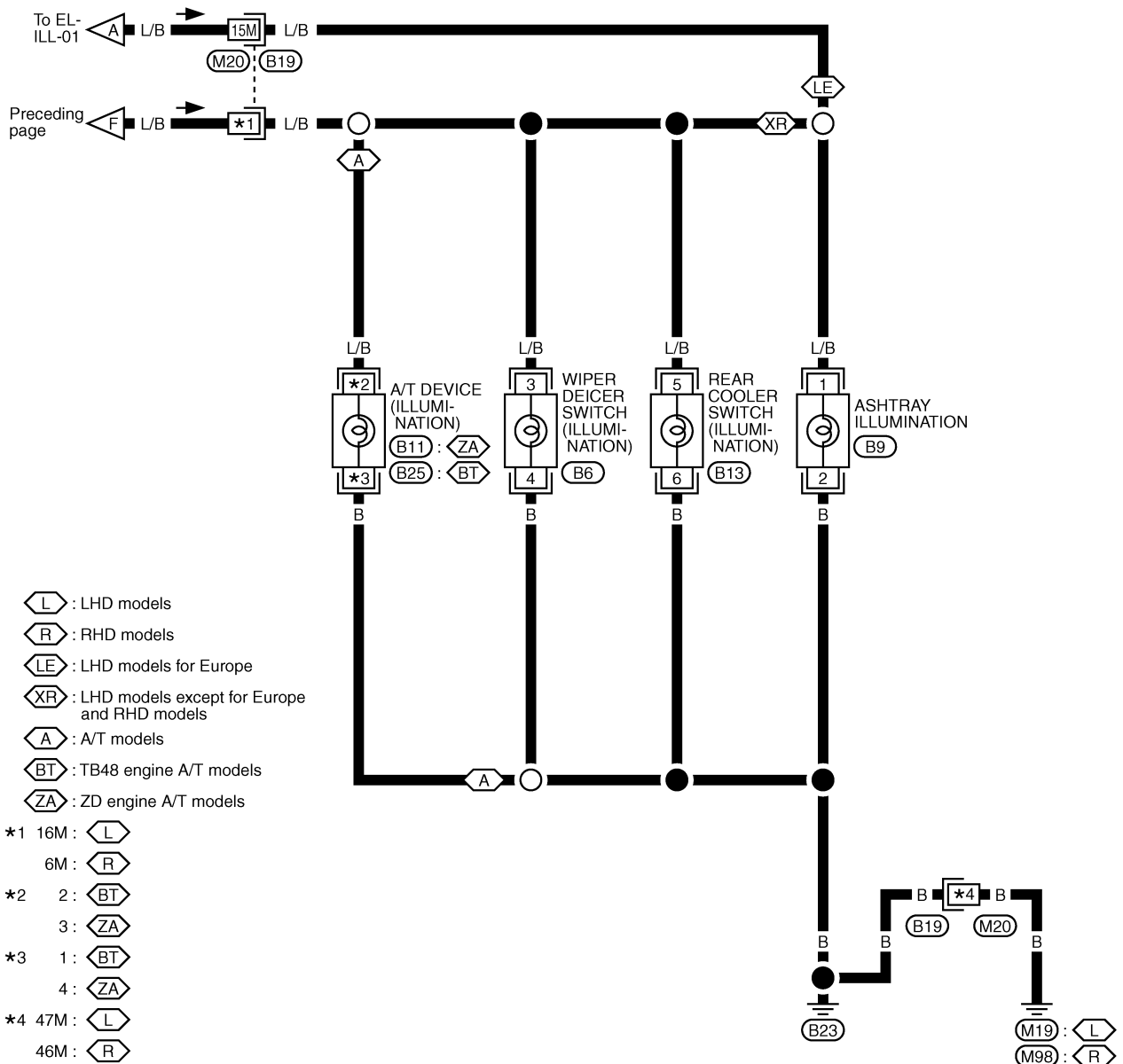
★: This connector is not shown in "HARNESS LAYOUT", EL section.

TEL672M

ILLUMINATION

Wiring Diagram — ILL — (Cont'd)

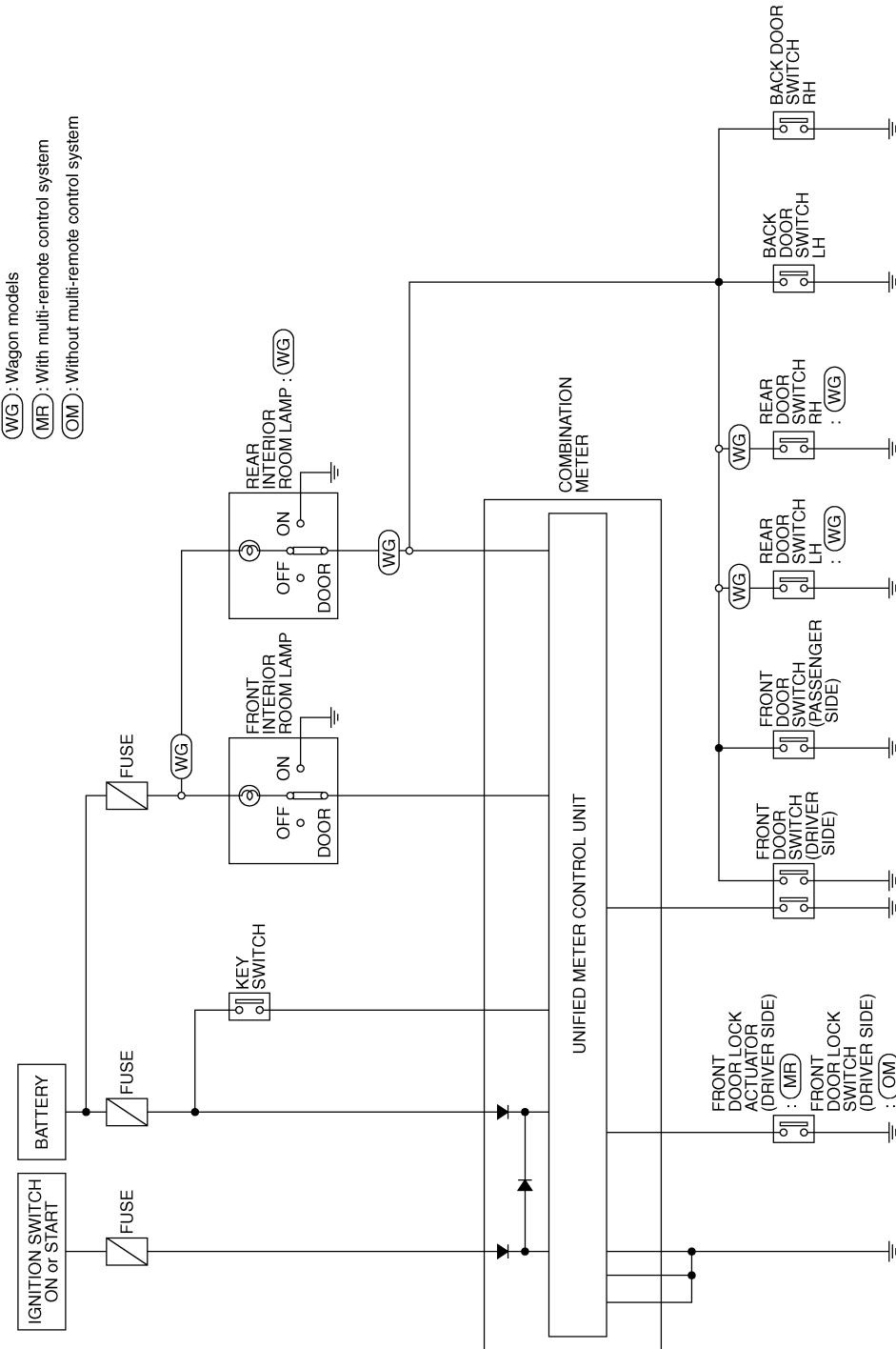
EL-ILL-06



Refer to last page (Foldout page).

M20, B19

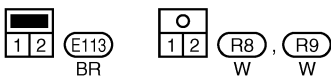
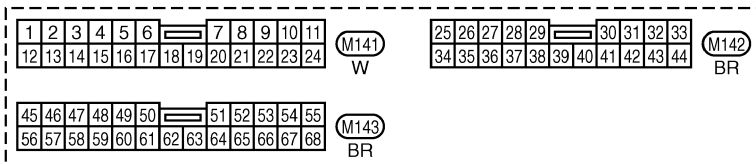
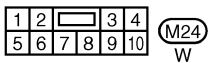
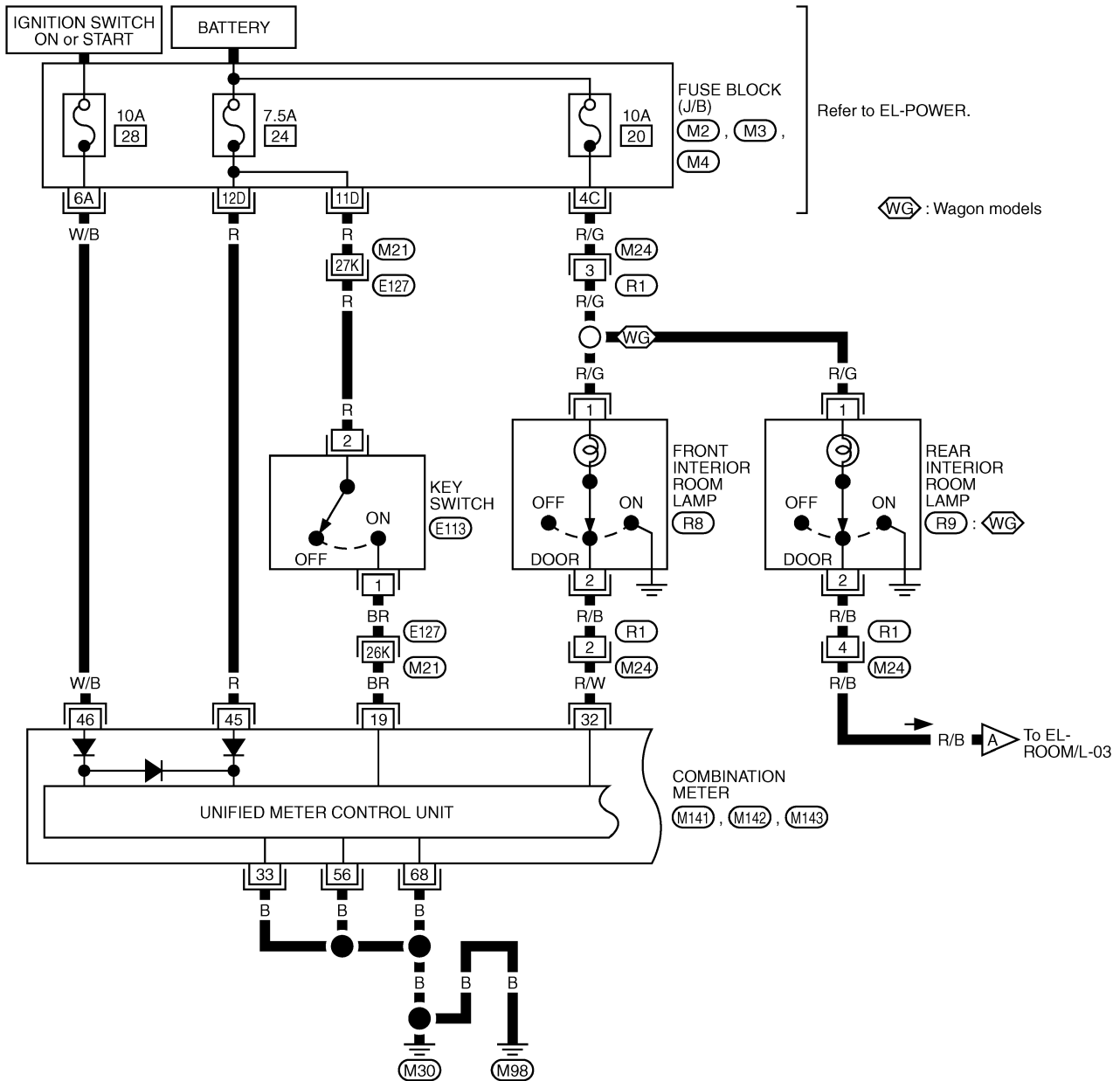
Schematic/LHD Models for Israel



INTERIOR ROOM LAMP — With Timer —

Wiring Diagram — ROOM/L —/LHD Models for Israel

EL-ROOM/L-01



Refer to last page (Foldout page).

(M21), (E127)

(M2)

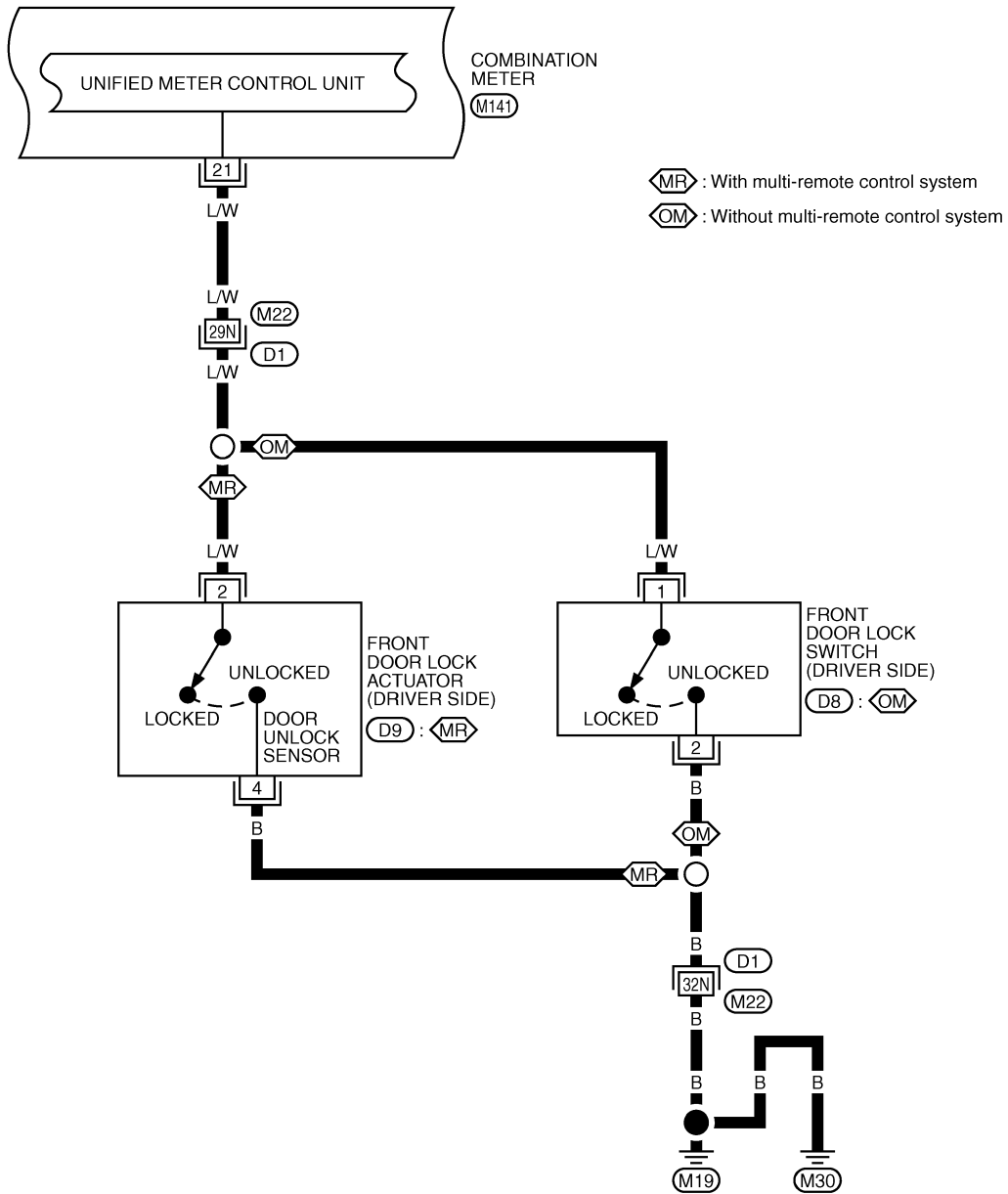
(M3)

(M4)

INTERIOR ROOM LAMP — With Timer —

Wiring Diagram — ROOM/L —/LHD Models for Israel (Cont'd)

EL-ROOM/L-02



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

(M141)
W

2	1
---	---

(D8)
GY

3	4
1	2

(D9)
GY

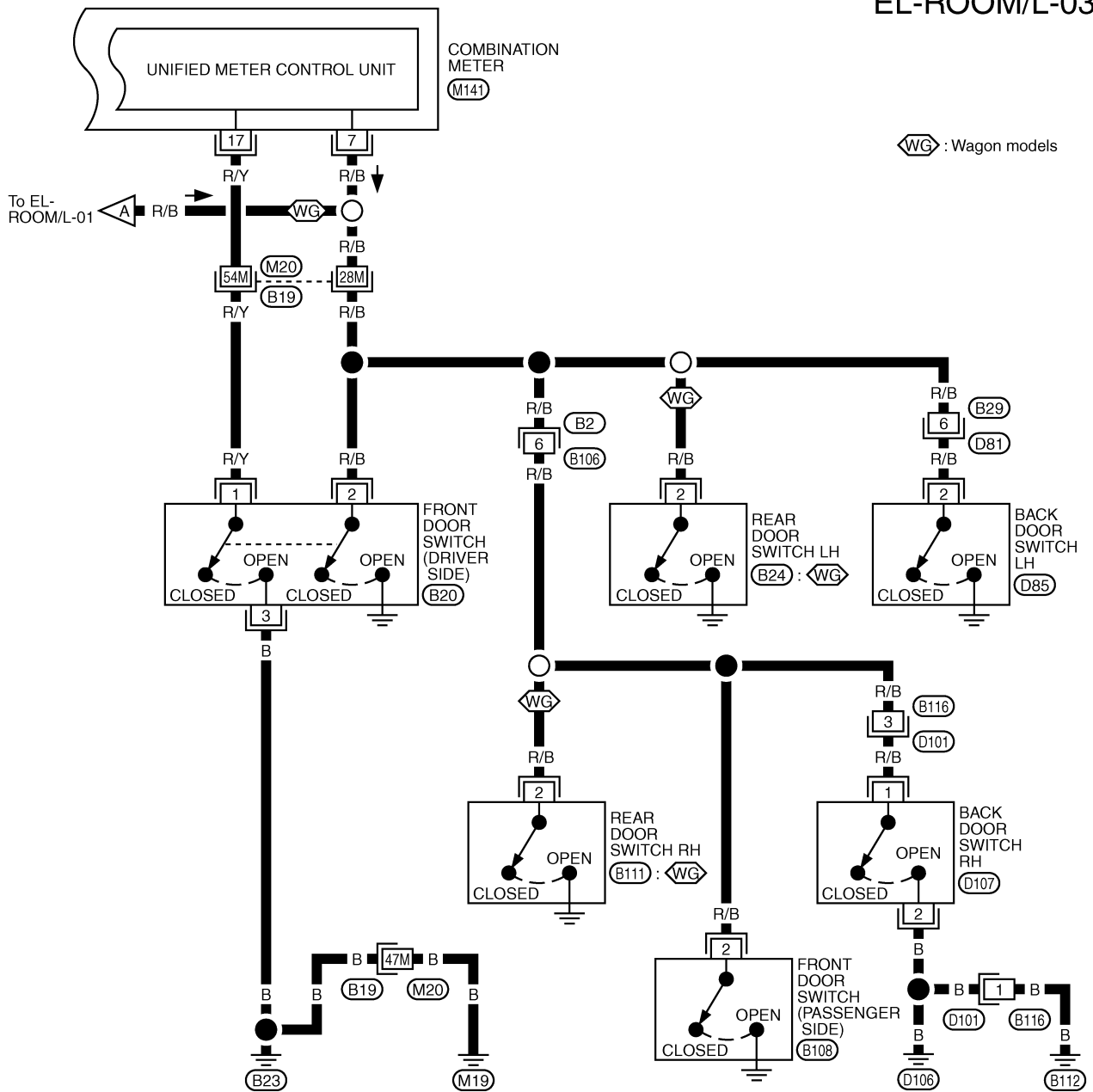
Refer to last page (Foldout page).

(M22) , (D1)

INTERIOR ROOM LAMP — With Timer —

Wiring Diagram — ROOM/L —/LHD Models for Israel (Cont'd)

EL-ROOM/L-03



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

(M141)
W

1	2		3	
4	5	6	7	8

(B2)
W

1	2
3	

(B20), (B24), (B108), (B111), (D85)
B B B B B

1			2
3	4	5	6

(D81), (D101)
W W

1
2

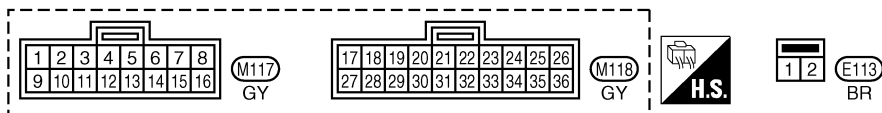
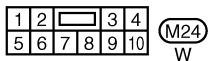
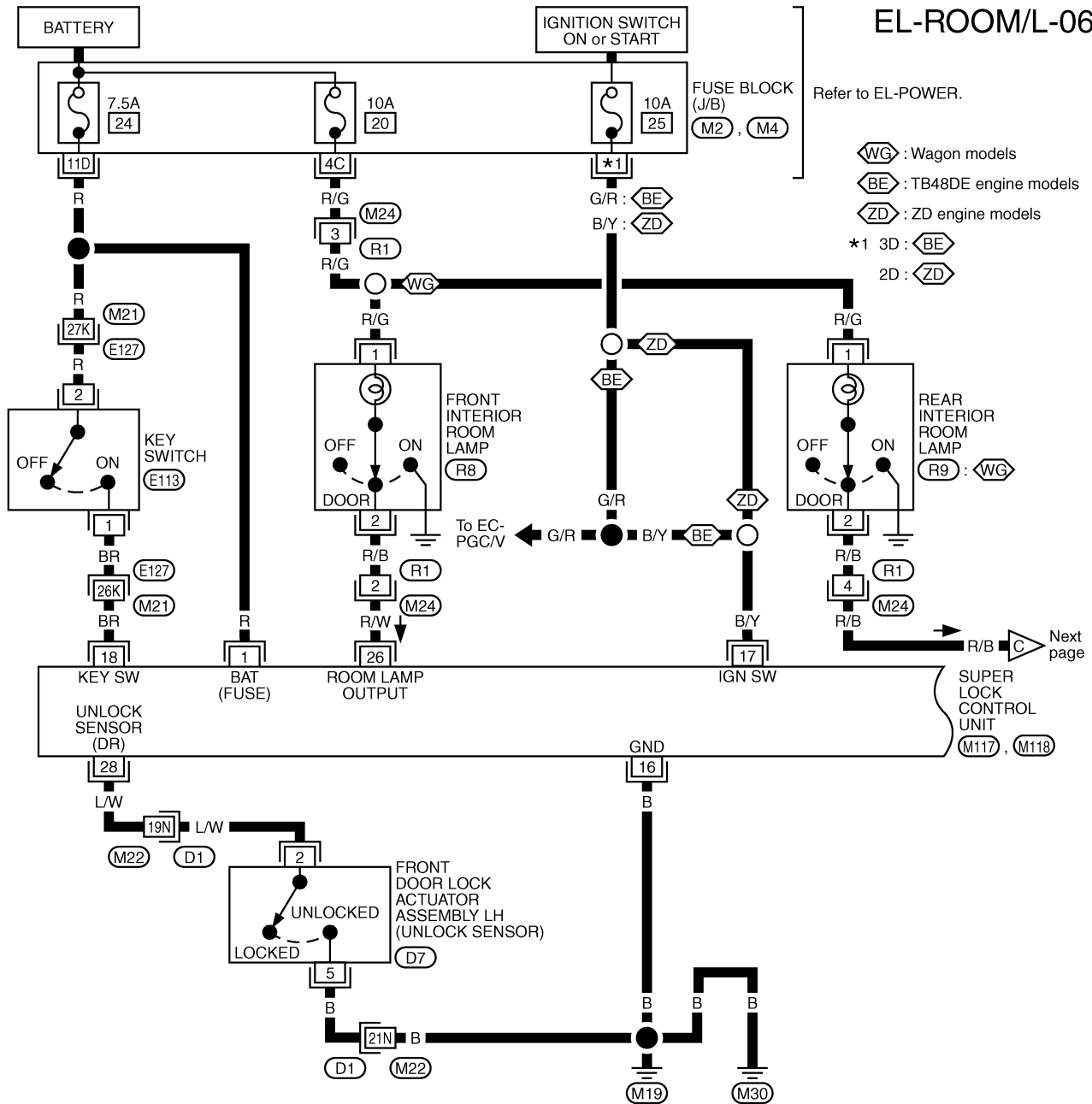
(D107)
W

Refer to last page (Foldout page).
(M20), (B19)

INTERIOR ROOM LAMP — With Timer —

Wiring Diagram — ROOM/L —/LHD Models for Europe

EL-ROOM/L-06



Refer to last page (Foldout page).

(M21), (E127)

M22, D1

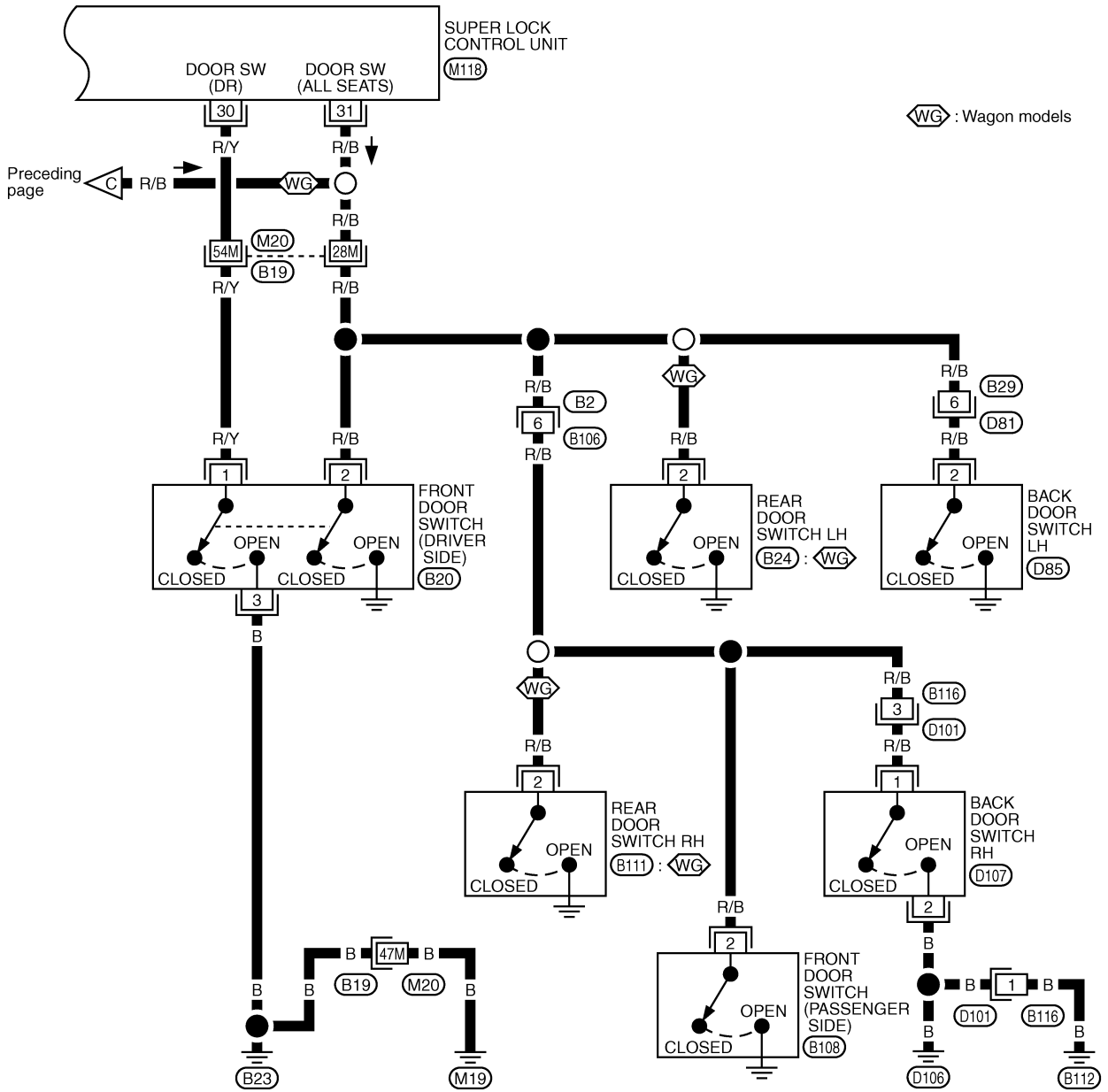
M2

M4

INTERIOR ROOM LAMP — With Timer —

Wiring Diagram — ROOM/L —/LHD Models for Europe (Cont'd)

EL-ROOM/L-07



17	18	19	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34	35	36

M118
GY



1	2	3
4	5	6

B2
W

1	2
3	

B20, B24, B108, B111, D85
B B B B B

1	2
3	4
5	6

D81, D101
W W

1
2

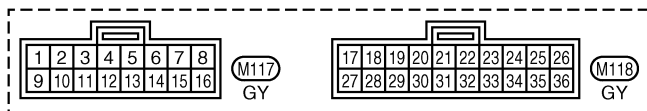
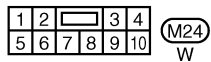
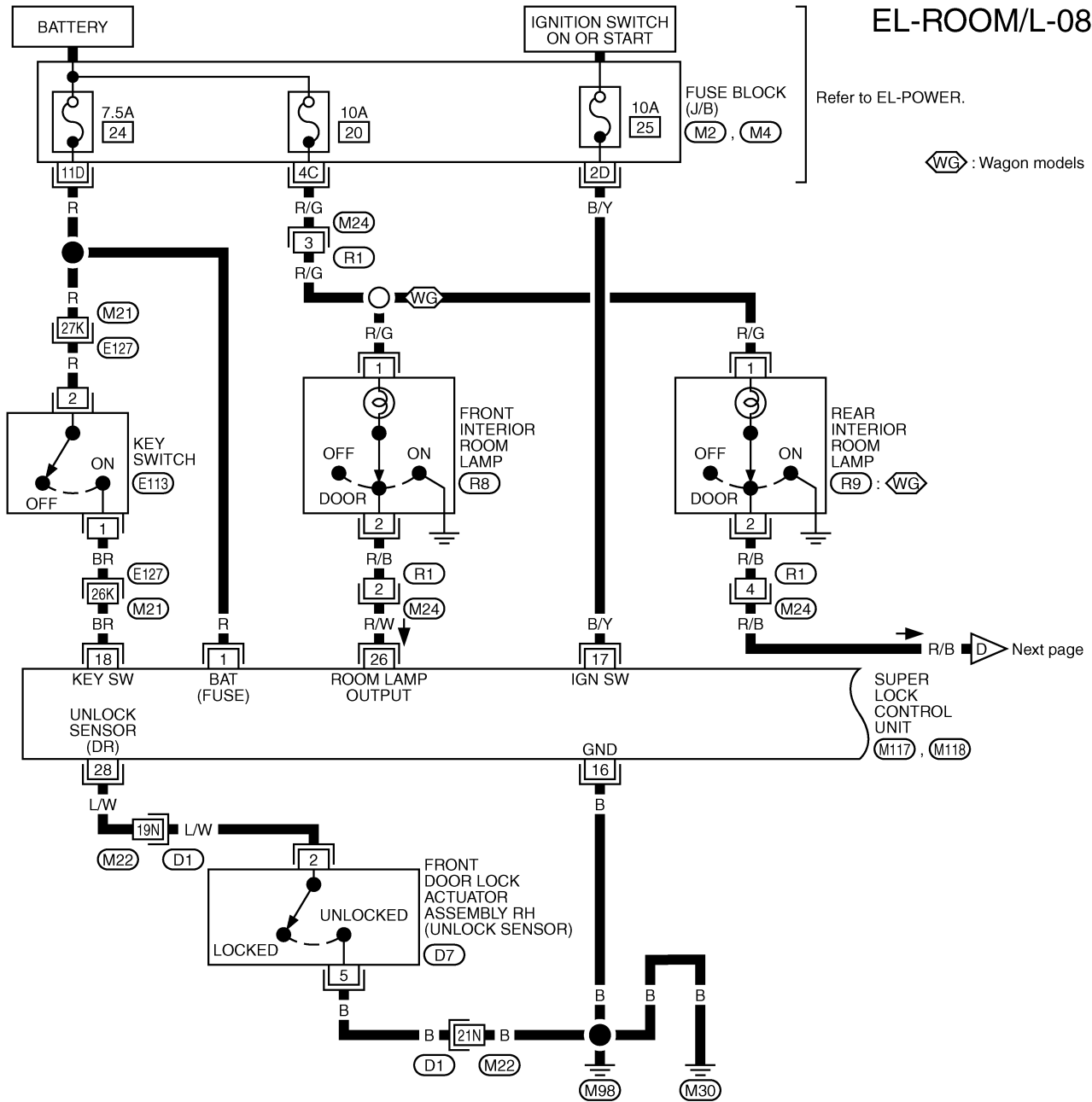
D107
W

Refer to last page (Foldout page).
M20, B19

INTERIOR ROOM LAMP — With Timer —

Wiring Diagram — ROOM/L —/RHD Models for Europe

EL-ROOM/L-08



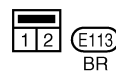
Refer to last page (Foldout page).

M21, E127

M22, D1

M2

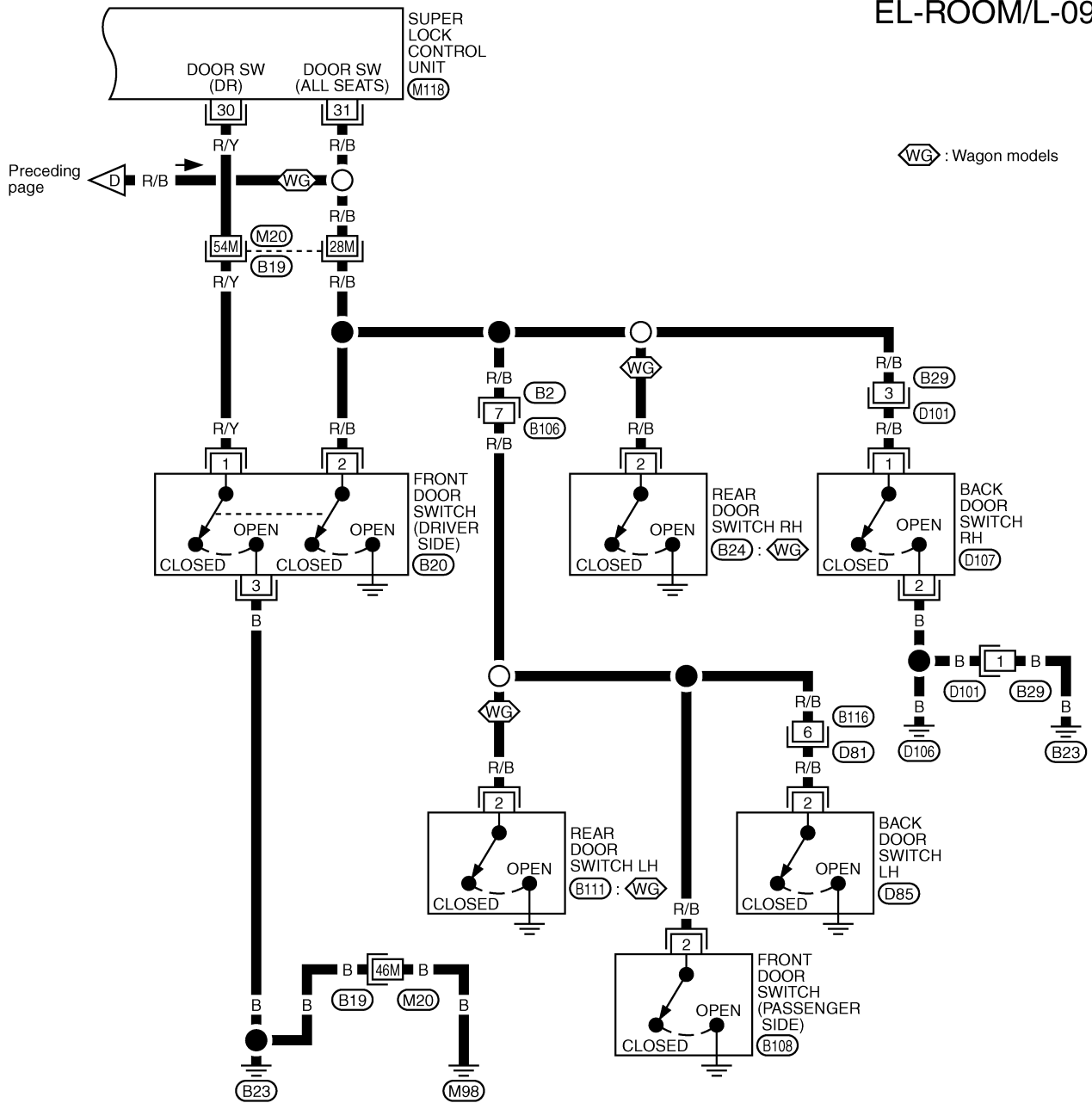
M4



INTERIOR ROOM LAMP — With Timer —

Wiring Diagram — ROOM/L —/RHD Models for Europe (Cont'd)

EL-ROOM/L-09



17	18	19	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34	35	36

(M118)
GY



1	2	3	4
5	6	7	8

(B2)
W

1	2
3	

(B20), (B24), (B108), (B111), (D85), (B)

1	2
3	4

(D81), (D101), (W)

1
2

(D107), (W)

Refer to last page (Foldout page).

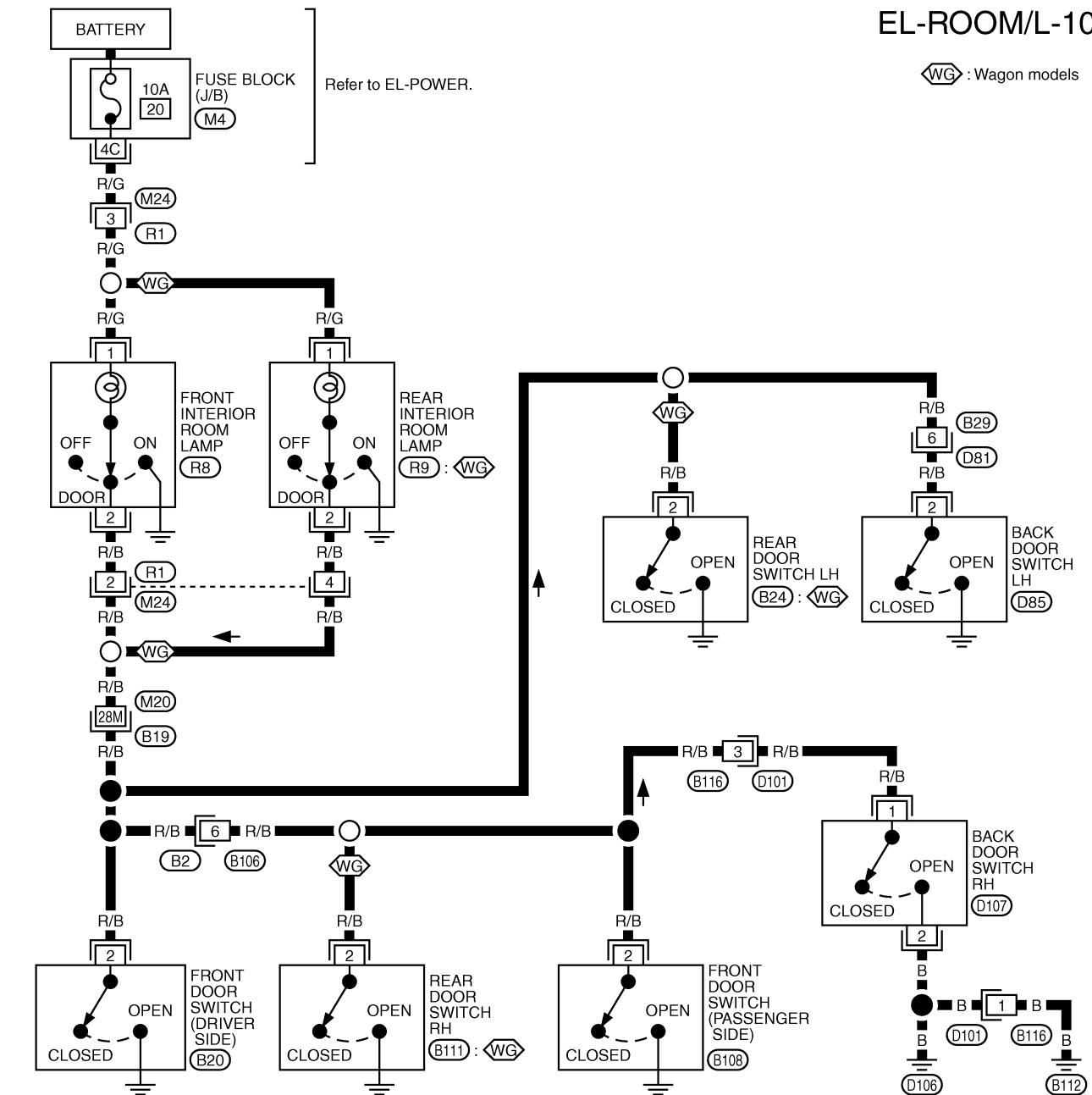
(M20), (B19)

INTERIOR ROOM LAMP — Without Timer —

Wiring Diagram — ROOM/L —/LHD Models

EL-ROOM/L-10

WG : Wagon models



1 2 3 4 M24
5 6 7 8 9 10 W

1 2 3 B2
4 5 6 7 8 W

1 2 B20, B24, B108, B111, D85
3 B B B B B

1 2 R8, R9
W W

1 2 D81, D101
3 4 5 6 W W

1 D107
2 W

Refer to last page (Foldout page).

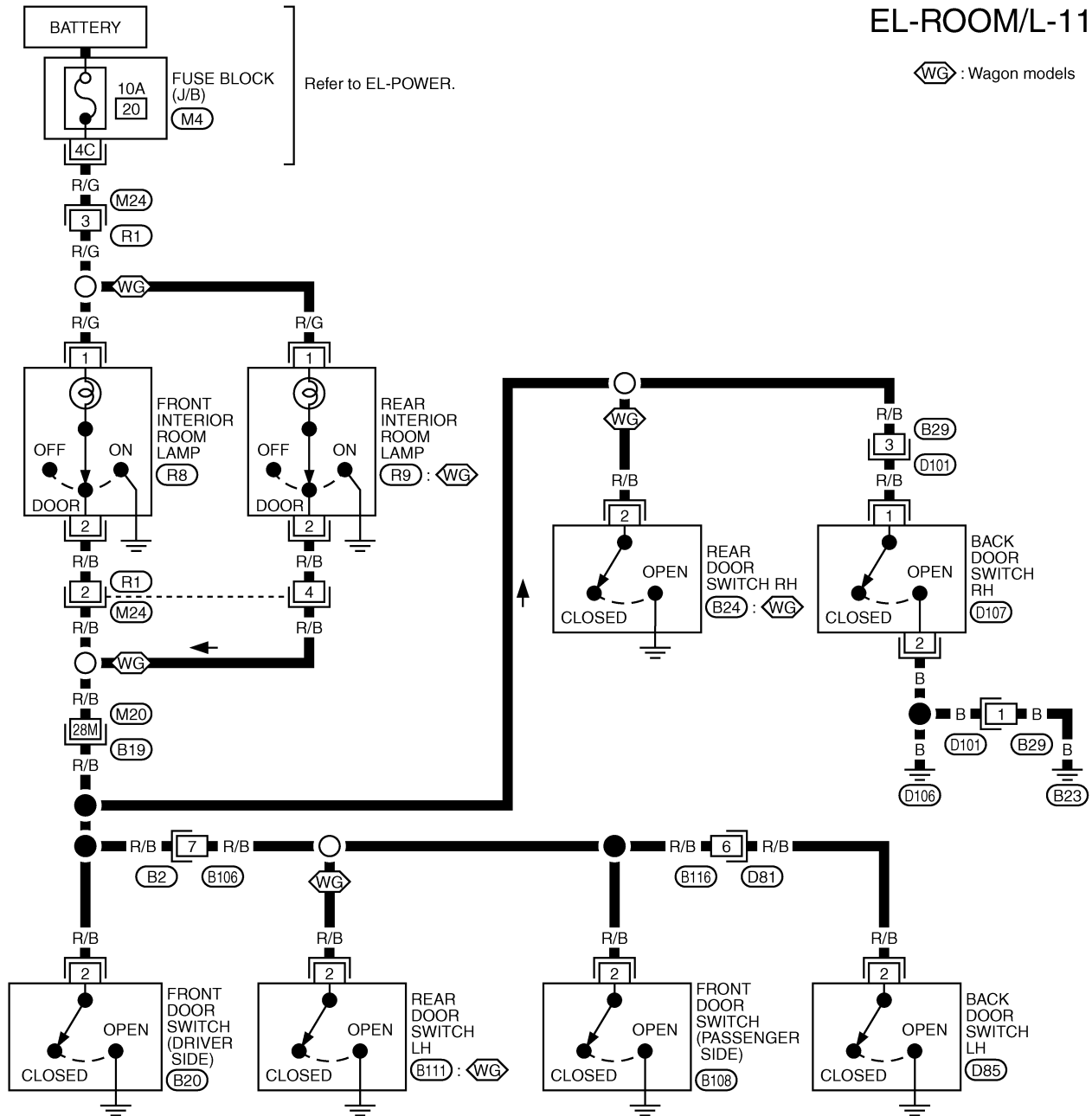
M20, B19
M4

INTERIOR ROOM LAMP — Without Timer —

Wiring Diagram — ROOM/L —/RHD Models

EL-ROOM/L-11

WG : Wagon models



1 2 3 4 (M24), (B2)
5 6 7 8 9 10 W W

1 2 (B20), (B24), (B108), (B111), (D85)
3 B B B B B

1 2 (R8), (R9)
W W

1 2 (D81), (D101)
3 4 5 6 W W

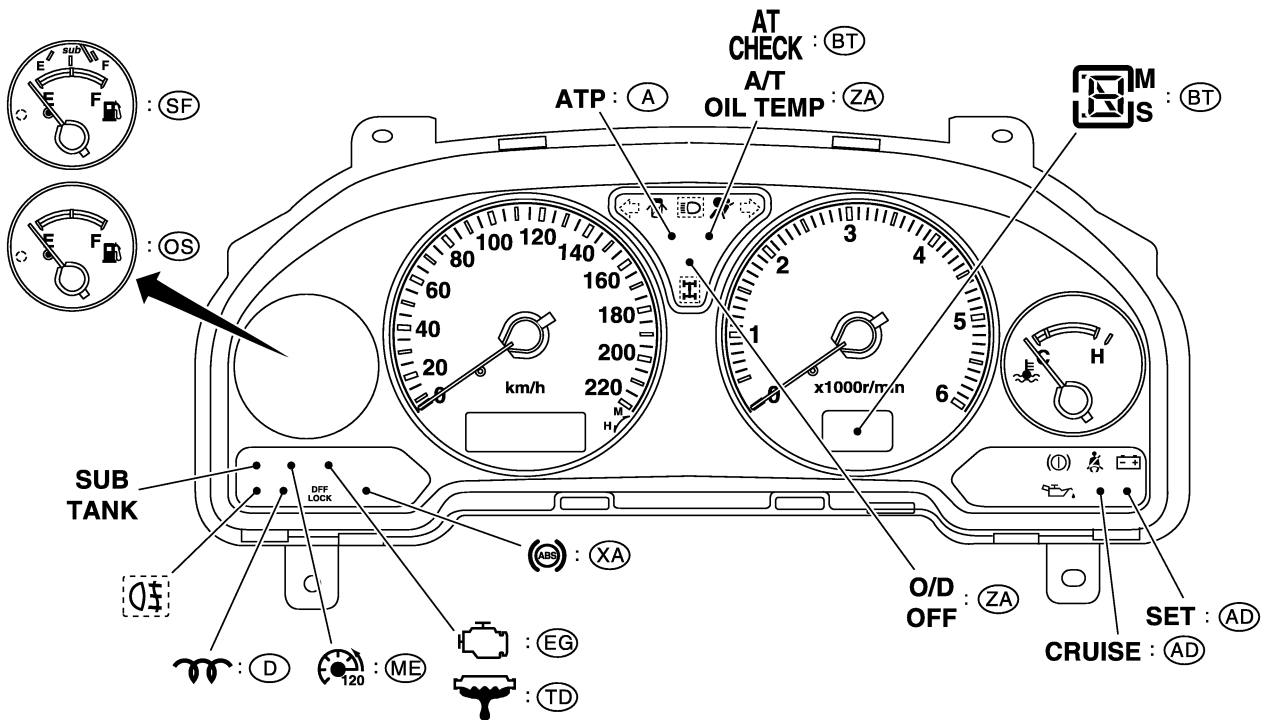
1 2 (D107)
W

Refer to last page (Foldout page).

(M20), (B19)
(M4)

METER AND GAUGES

Combination Meter



11	10	9	8	7	6	5	4	3	2	1
24	23	22	21	20	19	18	17	16	15	14

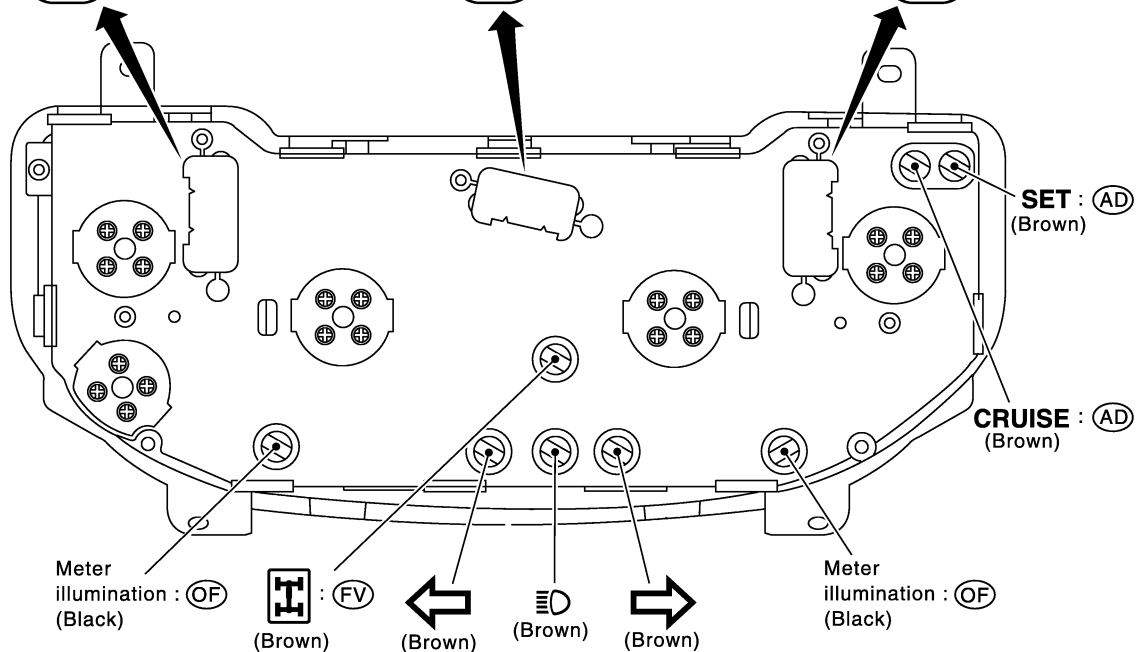
(M141)

33	32	31	30	29	28	27	26	25
44	43	42	41	40	39	38	37	36

(M142)

55	54	53	52	51	50	49	48	47	46	45
68	67	66	65	64	63	62	61	60	59	58

(M143)



- (ME) : For the Middle East
- (A) : A/T models
- (BT) : TB48 engine A/T models
- (ZA) : ZD engine A/T models
- (SF) : With sub fuel tank
- (OS) : Without sub fuel tank
- (FV) : With fine vision meter

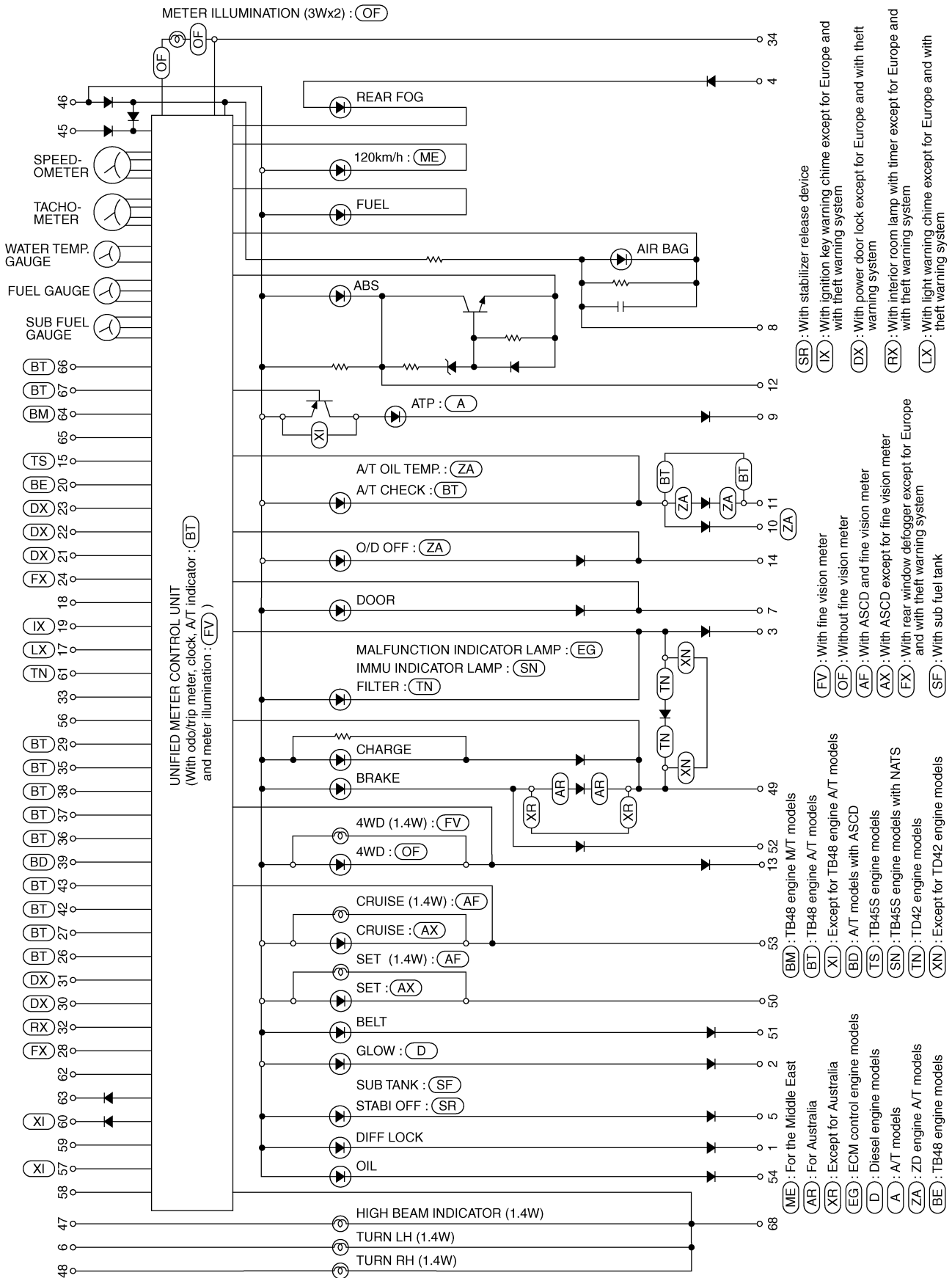
- (OF) : Without fine vision meter
- (XA) : Except for Australia
- (D) : Diesel engine models
- (EG) : ECM control engine models
- (TD) : TD engine models
- (AD) : With ASCD

Bulb socket color	Bulb wattage
Brown	1.4W
Black	3.0W

() : Warning bulb socket color

METER AND GAUGES

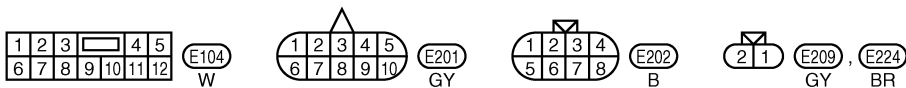
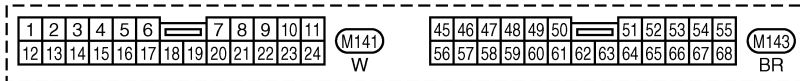
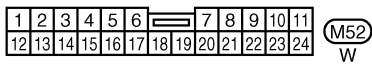
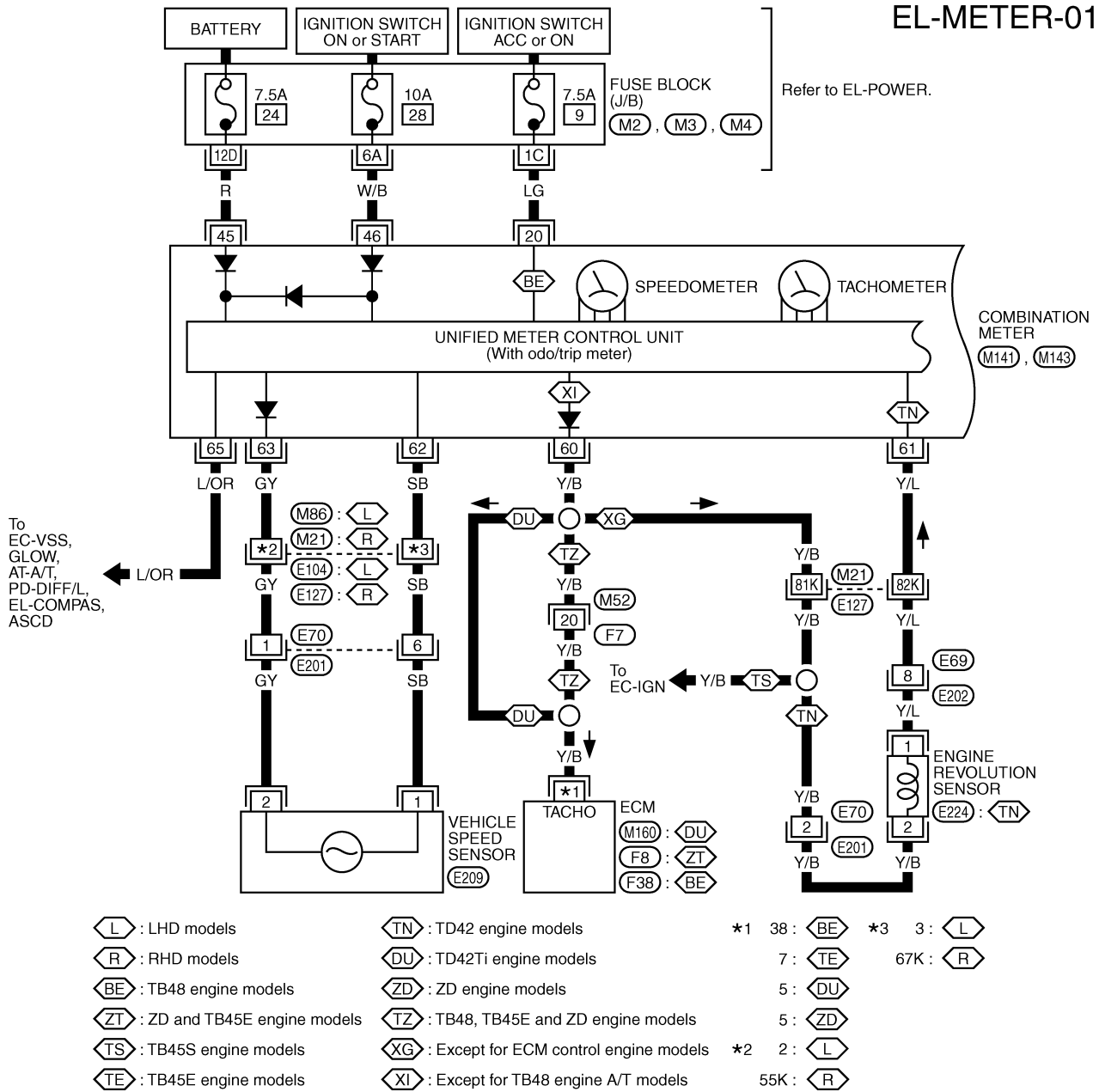
Schematic



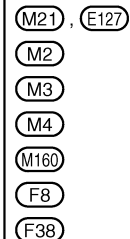
METER AND GAUGES

Wiring Diagram — METER —

EL-METER-01



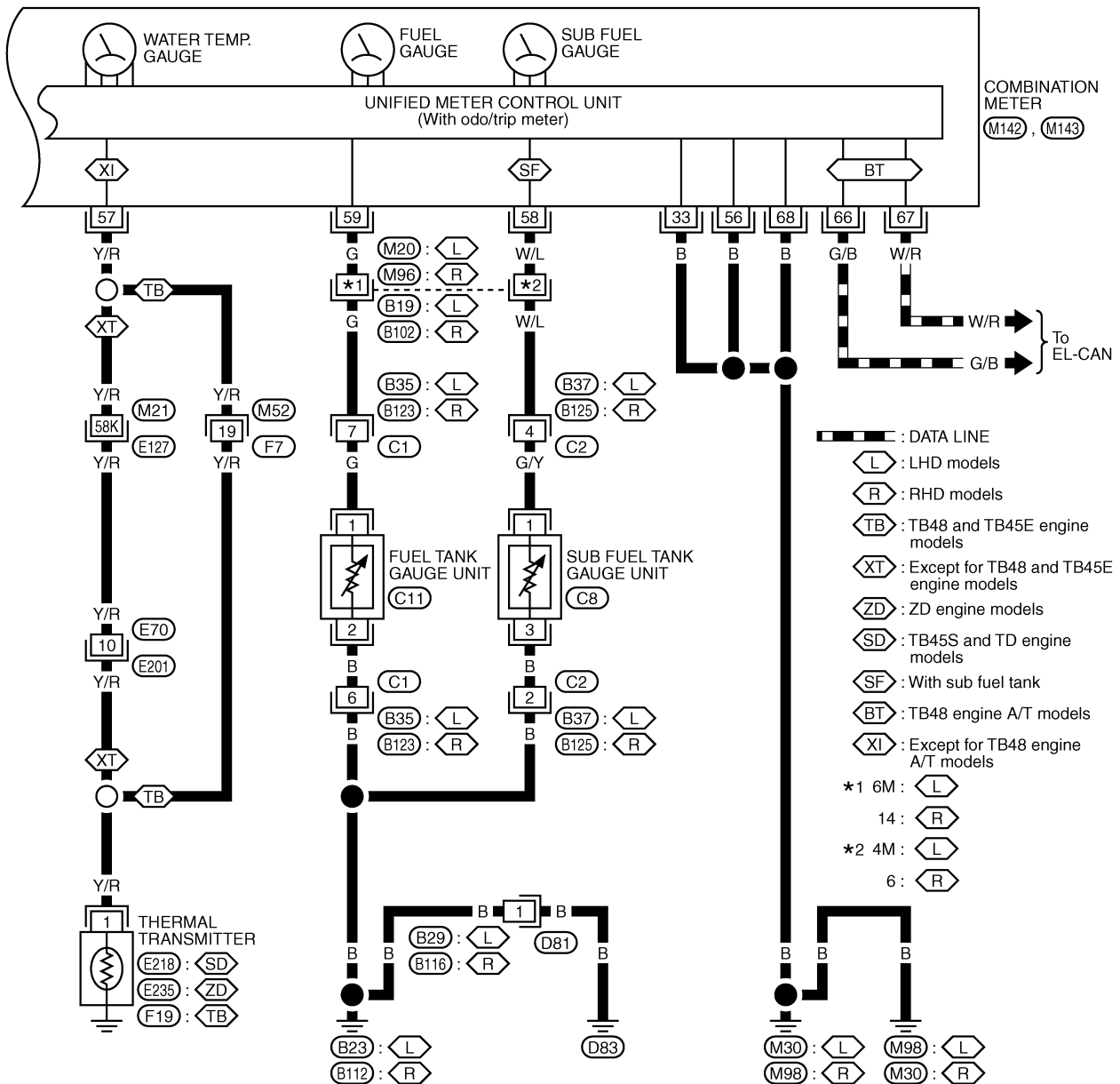
Refer to last page (Foldout page).



METER AND GAUGES

Wiring Diagram — METER — (Cont'd)

EL-METER-02



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
M52 W																							

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
M142 BR																																											

1	2	3	4	5	6	7	8	9	10
E201 GY									

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	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
M143 BR																																																																																																			

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	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
B102 W																																																																																																			

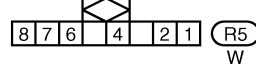
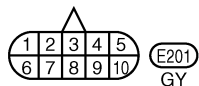
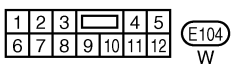
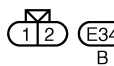
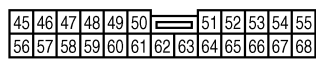
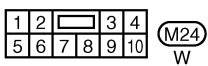
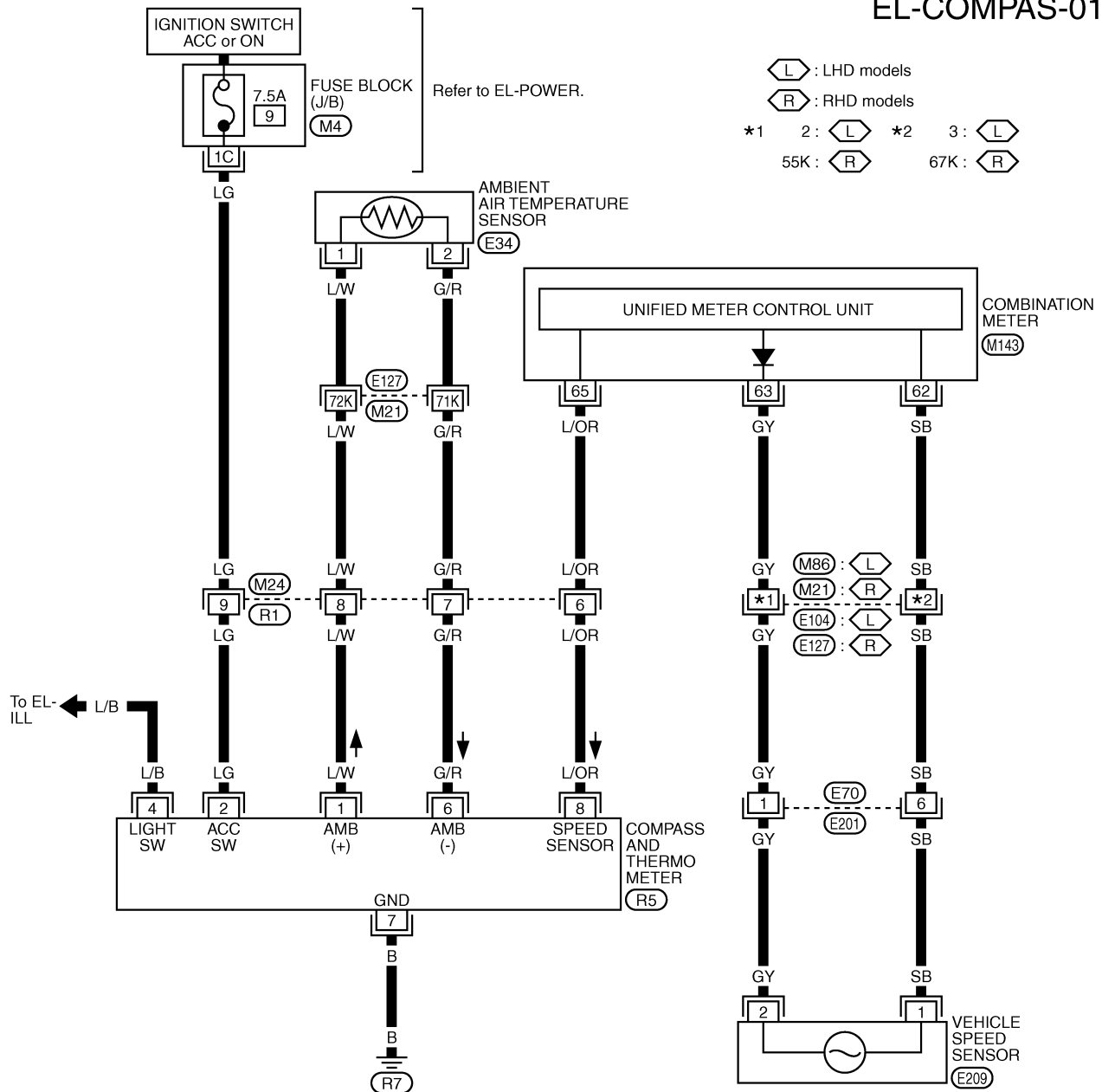
Refer to last page (Foldout page).

M20, B19
M21, E127

COMPASS AND THERMOMETER

Wiring Diagram — COMPAS —

EL-COMPAS-01



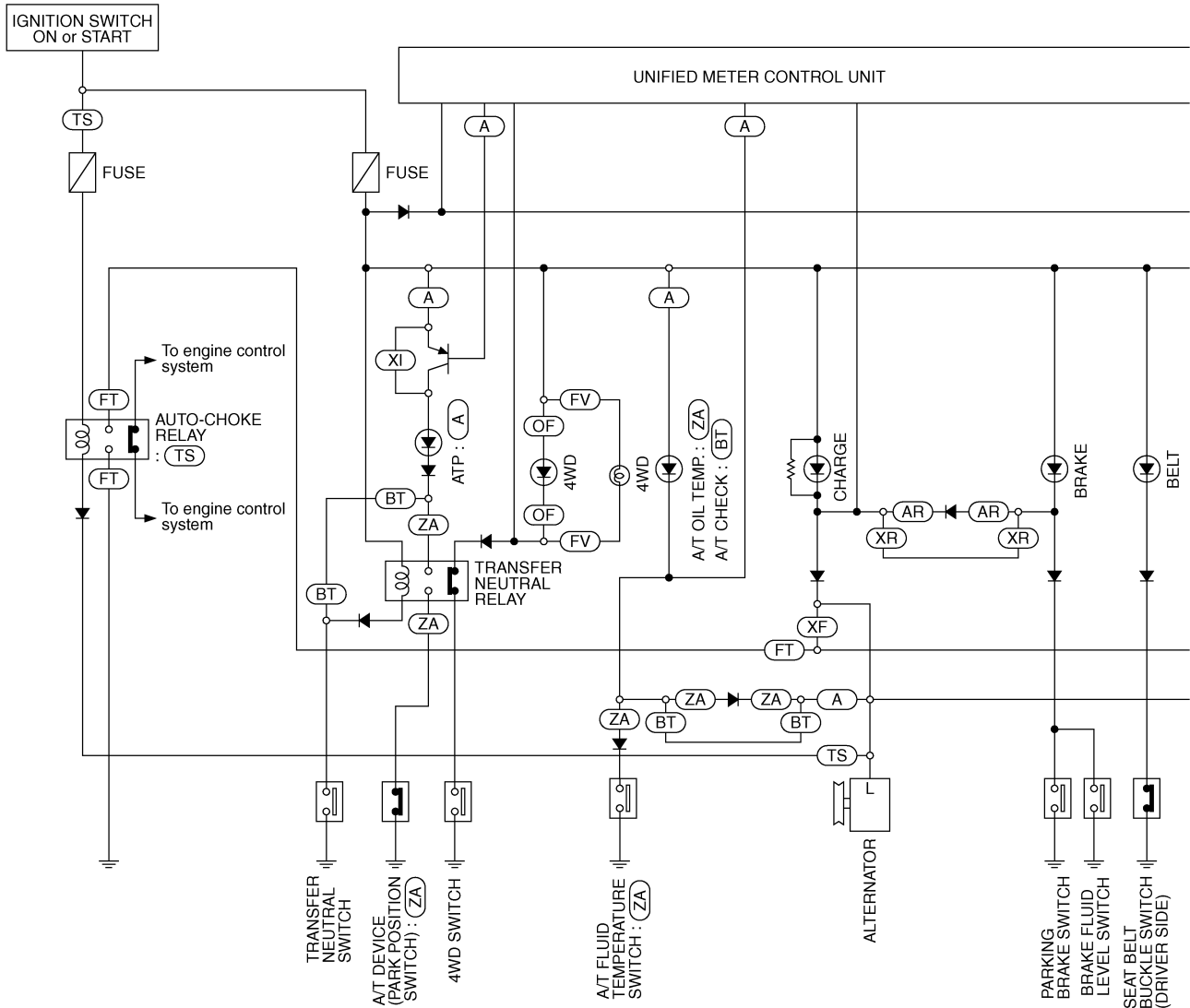
Refer to last page (Foldout page).

M21, E127

M4

WARNING LAMPS

Schematic



(ME) : For the Middle East

(AR) : For Australia

(XR) : Except for Australia

(A) : A/T models

(BE) : TB48 engine models

(BT) : TB48 engine A/T models

(ZA) : ZD engine A/T models

(TE) : TB45E engine models

(TS) : TB45S engine models

(SN) : TB45S engine models with NATS

(FT) : TB45S engine models with sub fuel tank

(XF) : With sub fuel tank except for TB45S engine models

(XI) : Except for TB48 engine A/T models

(TN) : TD42 engine models

(XN) : Except for TD42 engine models

(TL) : TD42 engine models for cold areas

(XL) : TD42 engine models except for cold areas

(EA) : ZD engine models for Europe and Australia

(XZ) : Except for ZD engine models for Europe and Australia

(EG) : ECM control engine models

(ET) : ECM control engine models and TB45S engine models with NATS

(D) : Diesel engine models

(DZ) : ZD engine models except for Europe and TD engine models

(WG) : Wagon models

(AB) : With air bag

(OB) : Without air bag

(AS) : With ABS

(OA) : Without ABS

(AM) : With A/T mode switch

(OM) : Without A/T mode switch

(FV) : With fine vision meter

(OF) : Without fine vision meter

(SF) : With sub fuel tank

(SR) : With stabilizer release device

*1 18 : (D)

32 : (TE)

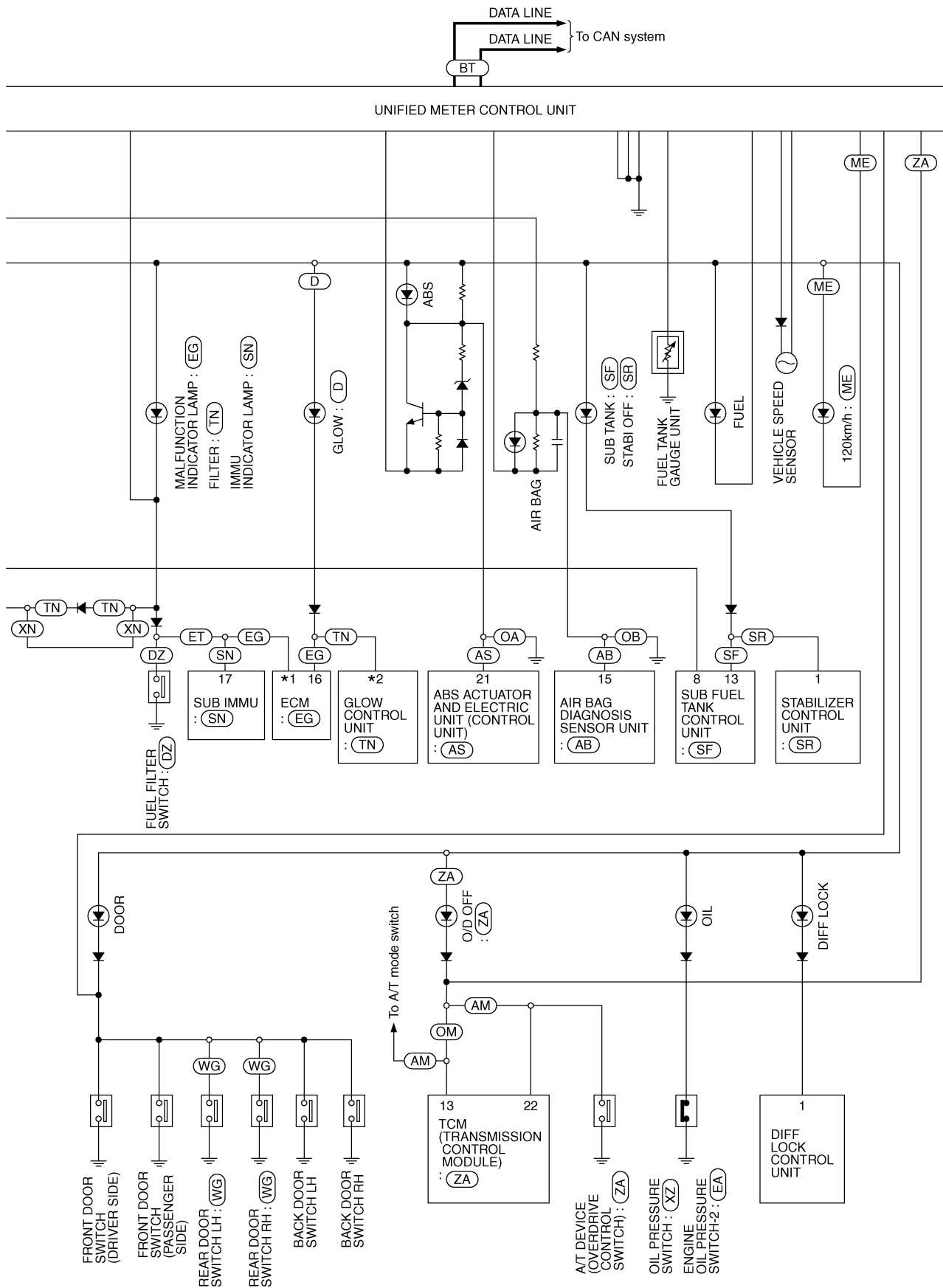
35 : (BE)

*2 3 : (XL)

14 : (TL)

WARNING LAMPS

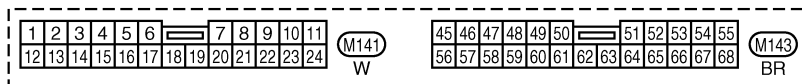
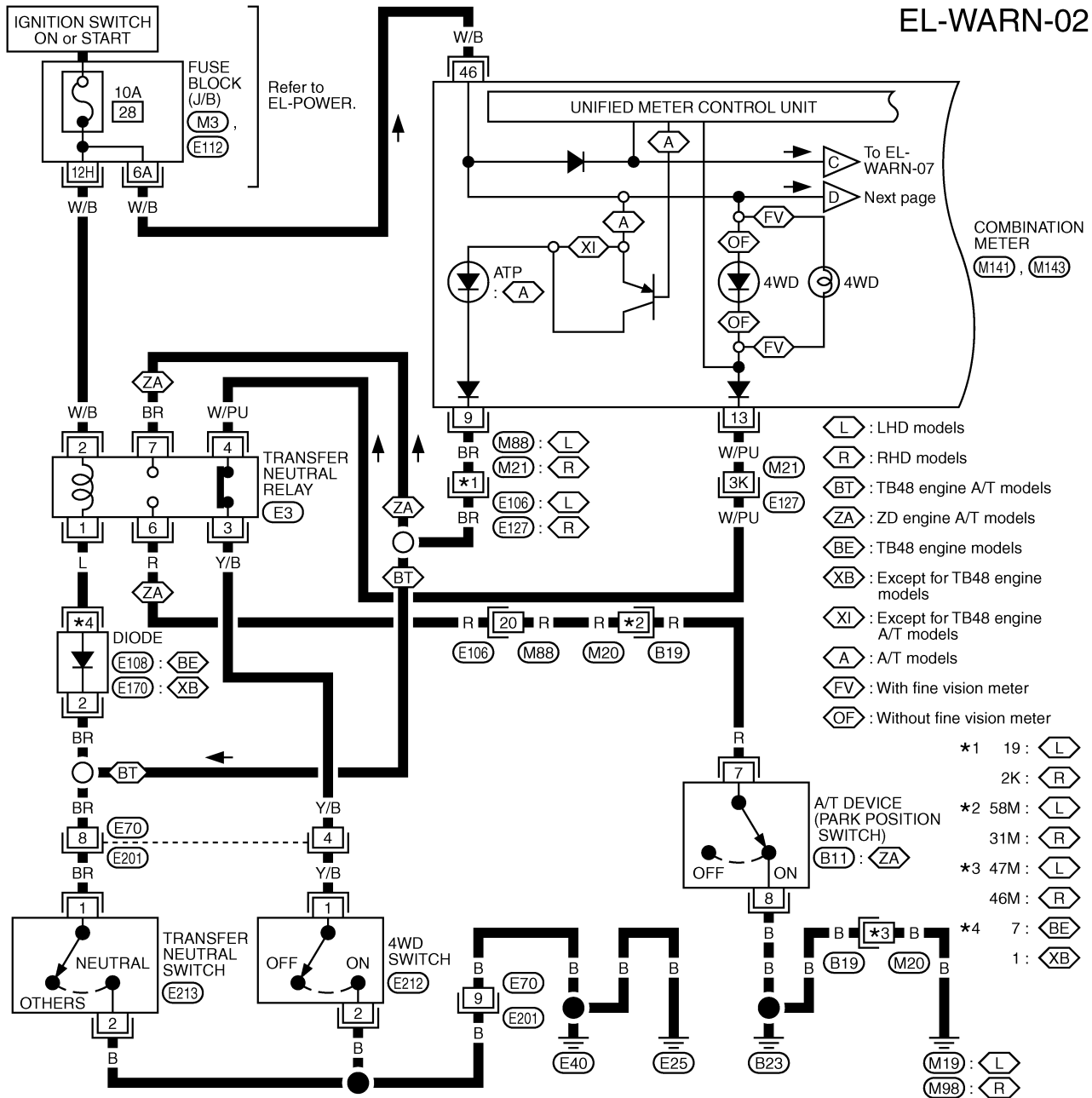
Schematic (Cont'd)



WARNING LAMPS

Wiring Diagram — WARN — (Cont'd)

EL-WARN-02



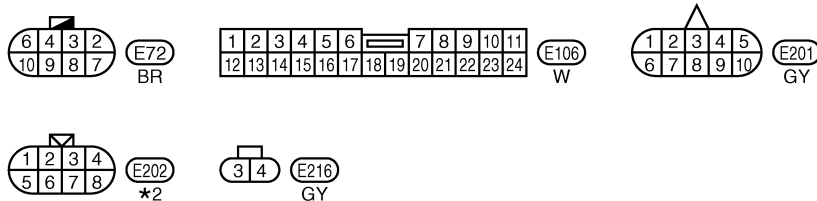
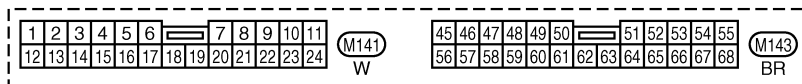
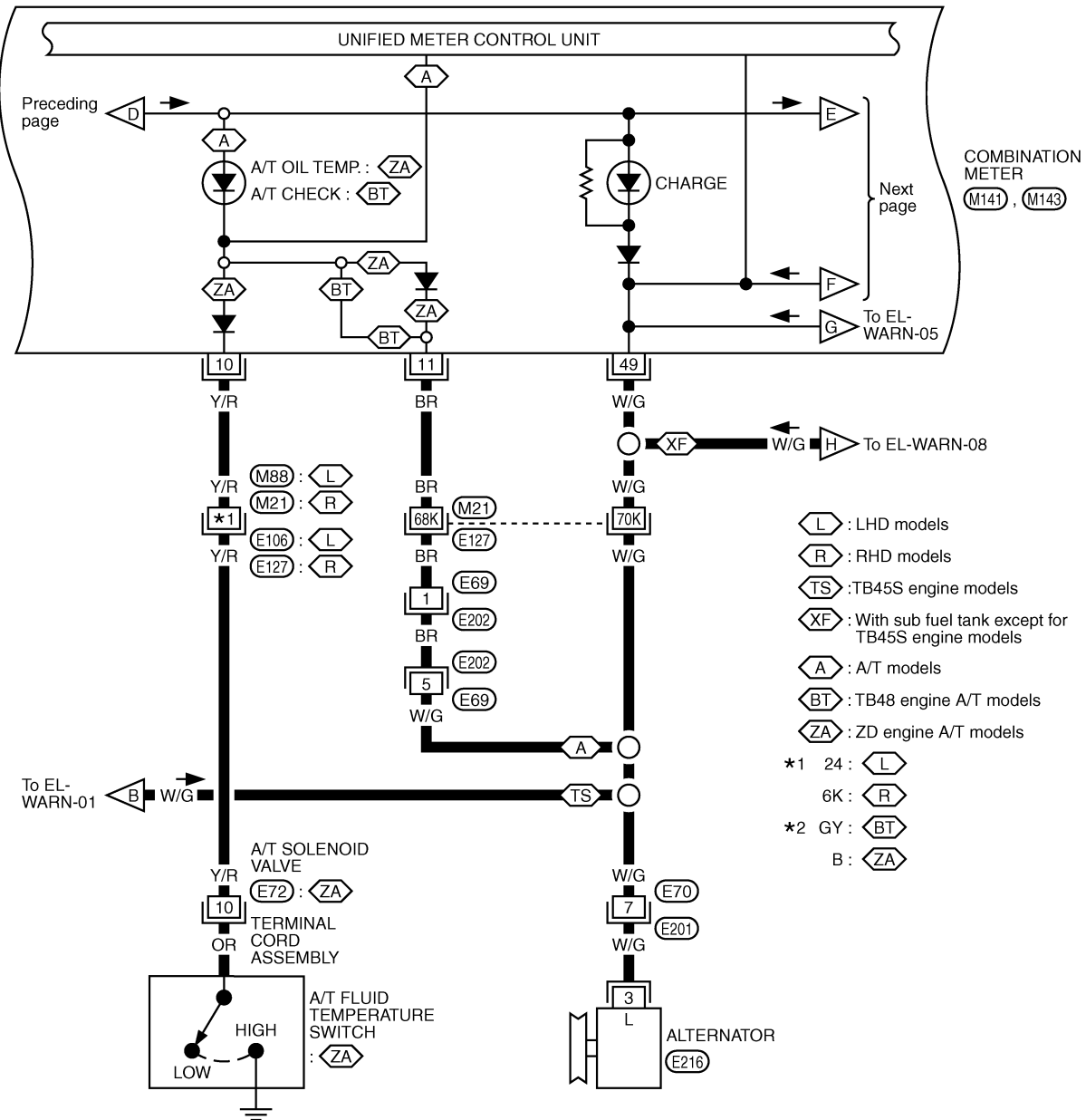
Refer to last page (Foldout page).

M20, B19
M21, E127
M3
E112

TEL820M

Wiring Diagram — WARN — (Cont'd)

EL-WARN-03



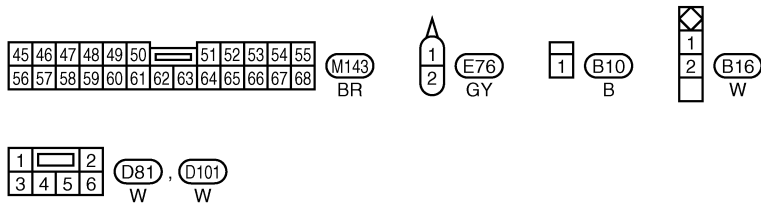
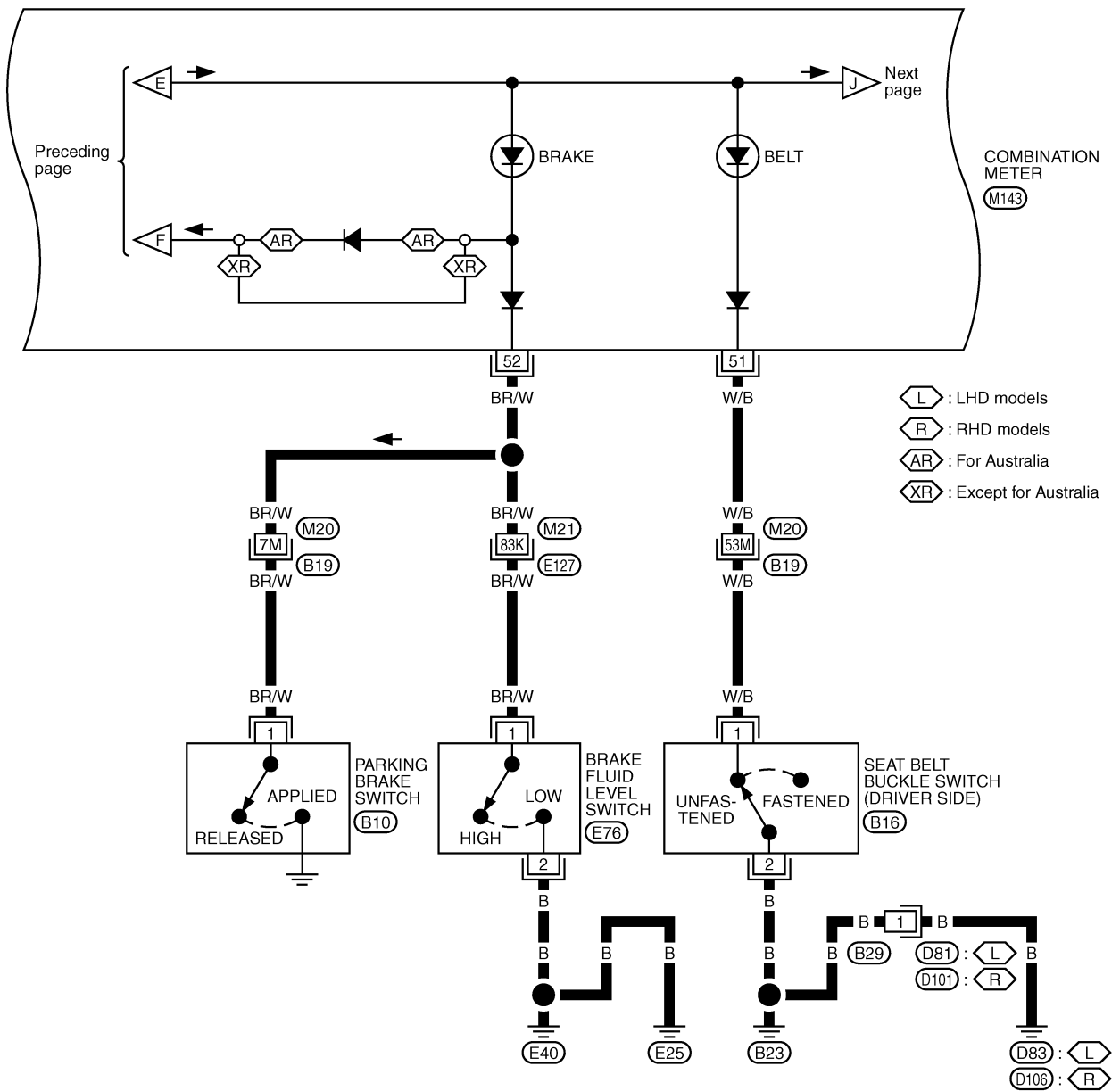
Refer to last page (Foldout page).

(M21), (E127)

WARNING LAMPS

Wiring Diagram — WARN — (Cont'd)

EL-WARN-04



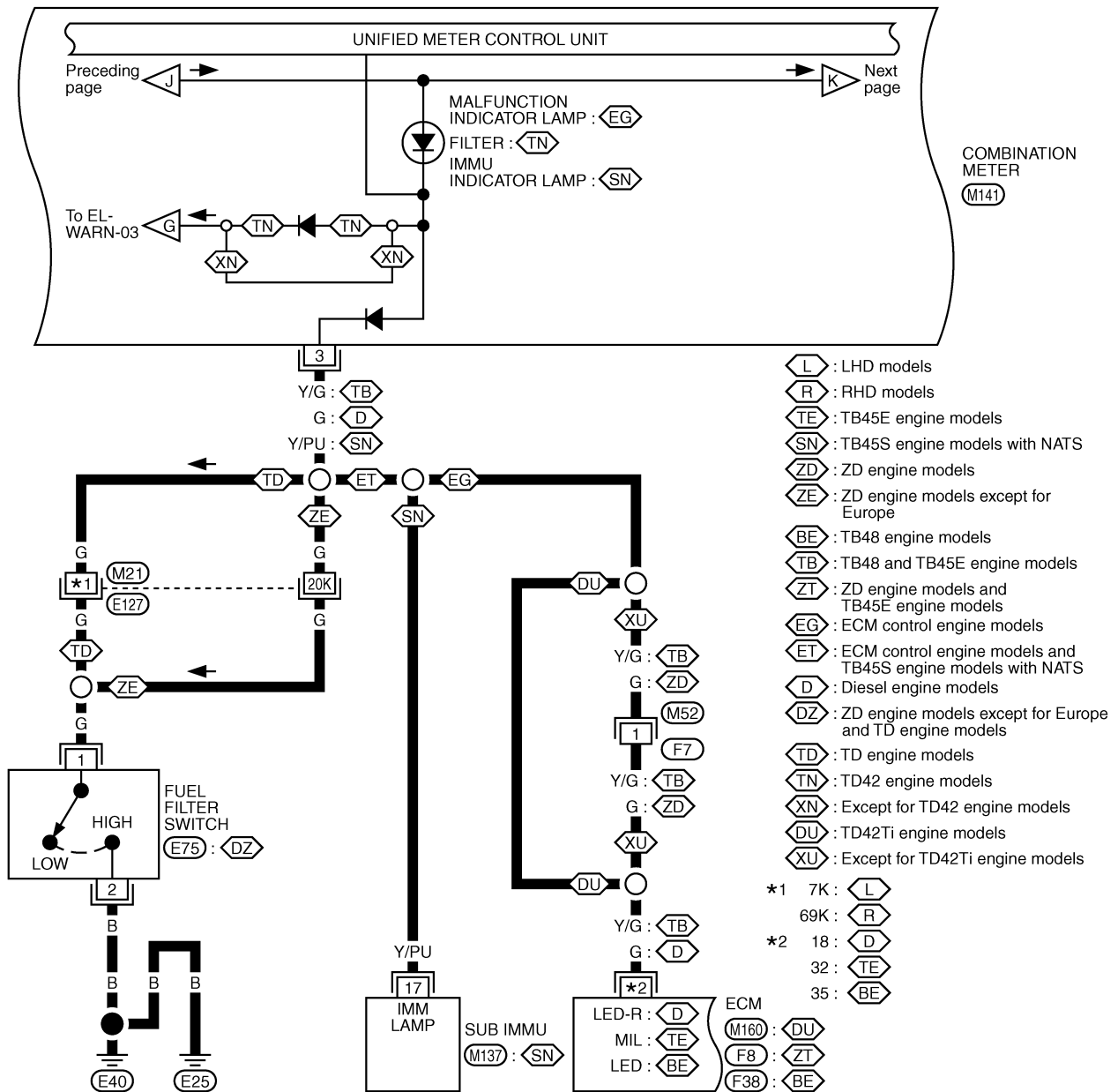
Refer to last page (Foldout page).

(M20) (B19)

(M21) (E127)

Wiring Diagram — WARN — (Cont'd)

EL-WARN-05



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

$\textcircled{\text{M52}}$, $\textcircled{\text{M141}}$
W W

1	2	3	4		9	10	11	12	13	14	15		23	24	25	26	27	28	29	30	31	32	33	34	35
5	6	7	8		16	17	18	19	20	21	22		36	37	38	39	40	41	42	43	44	45	46	47	48



Refer to last page (Foldout page).

(M21), (E127)

M160

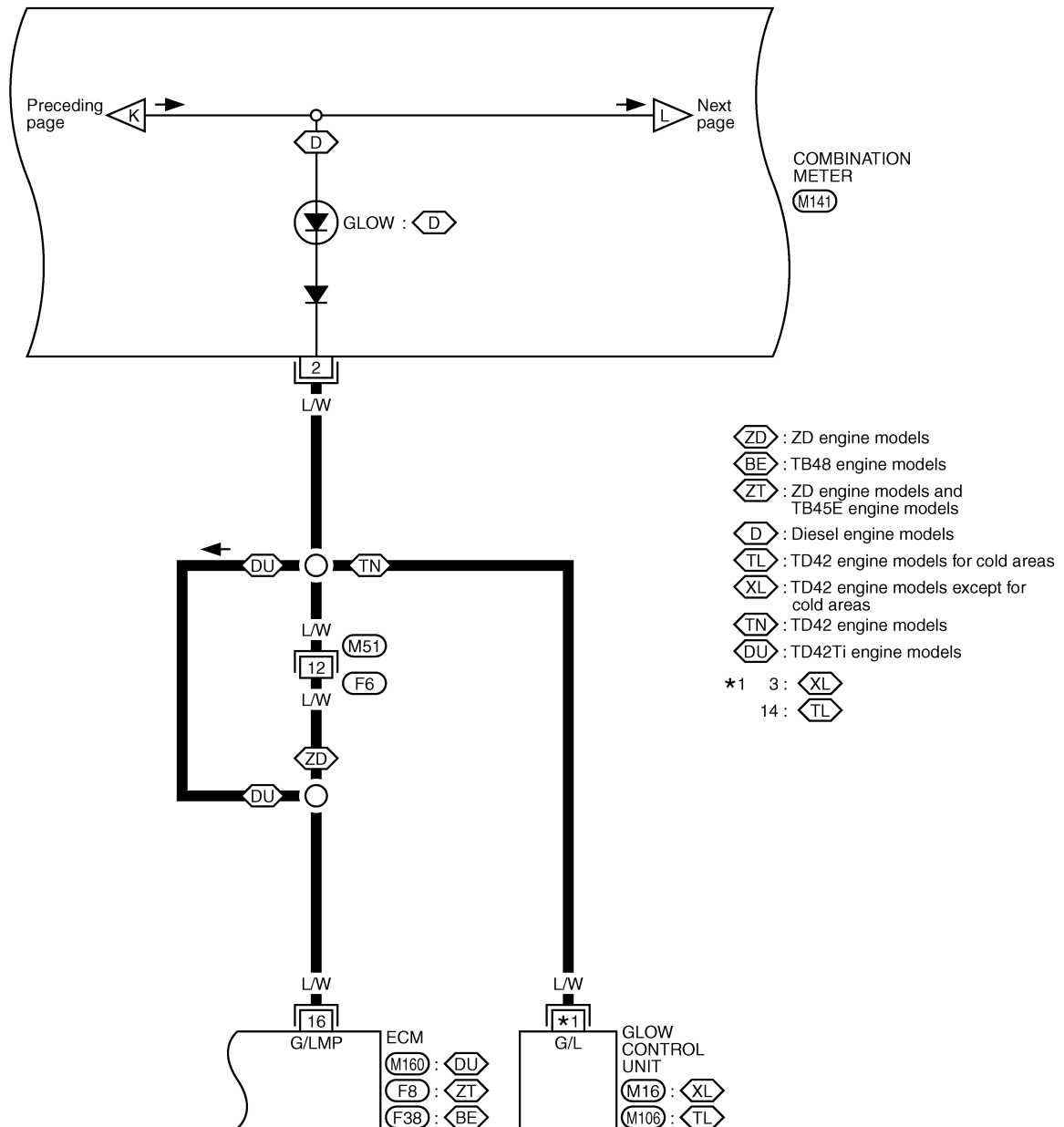
F8

F38

1

Wiring Diagram — WARN — (Cont'd)

EL-WARN-06



8						
1		3	4	5		7

M16
W

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

M51
W

7					4	3		
16	15	14	13	12	11	10		

M106
W

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

M141
W

Refer to last page (Foldout page).

M160

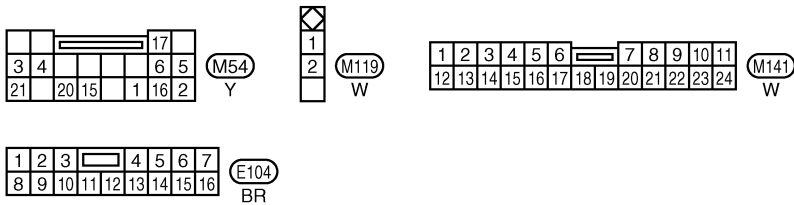
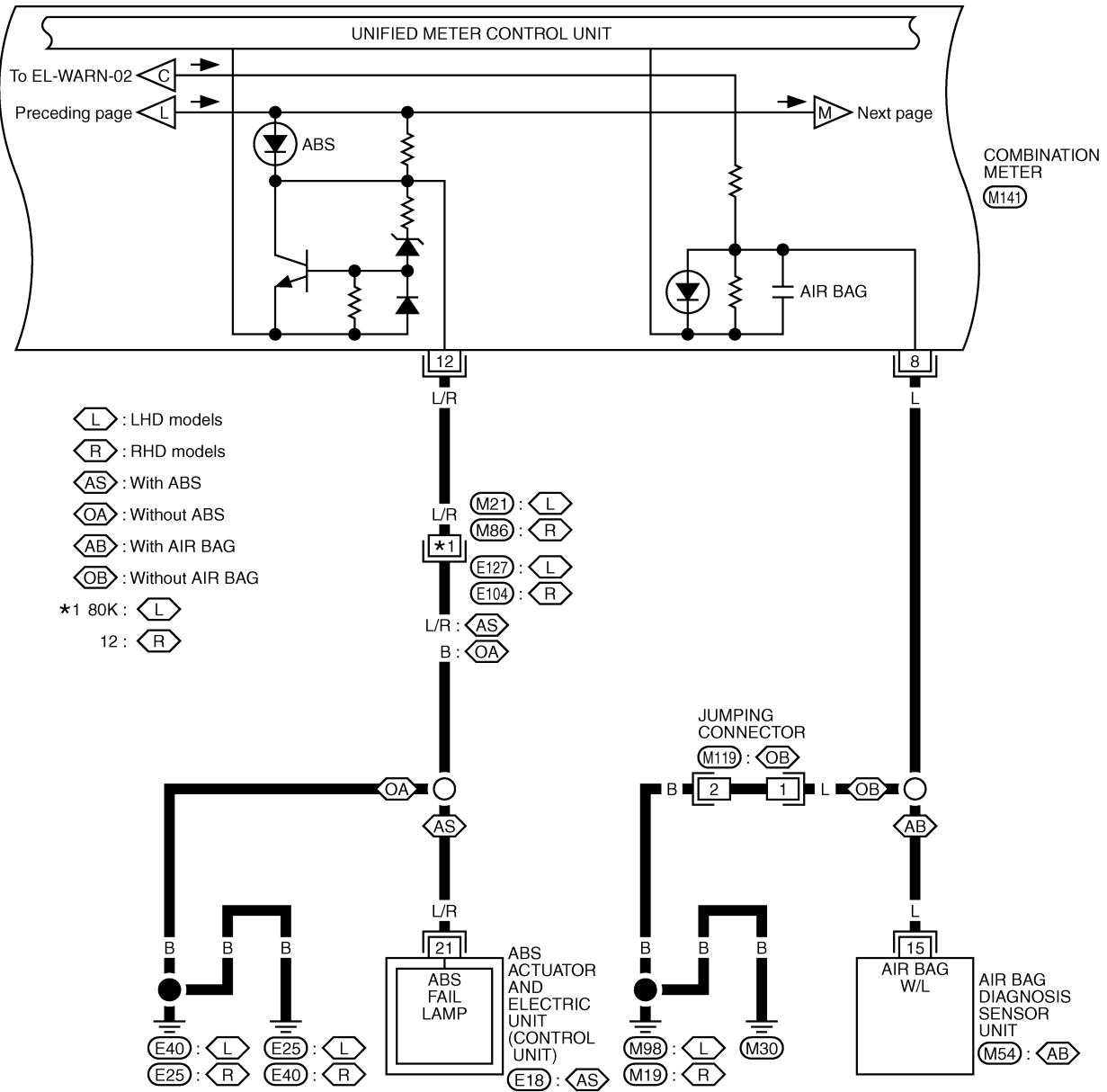
F8

F38

WARNING LAMPS

Wiring Diagram — WARN — (Cont'd)

EL-WARN-07

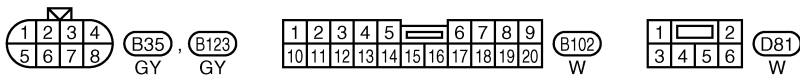
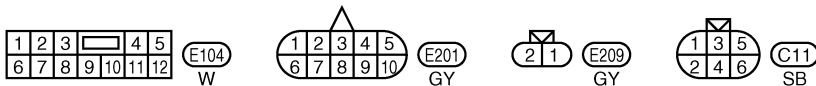
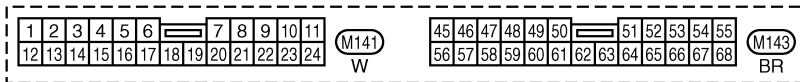
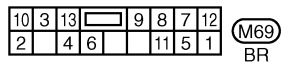
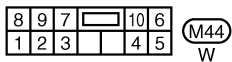
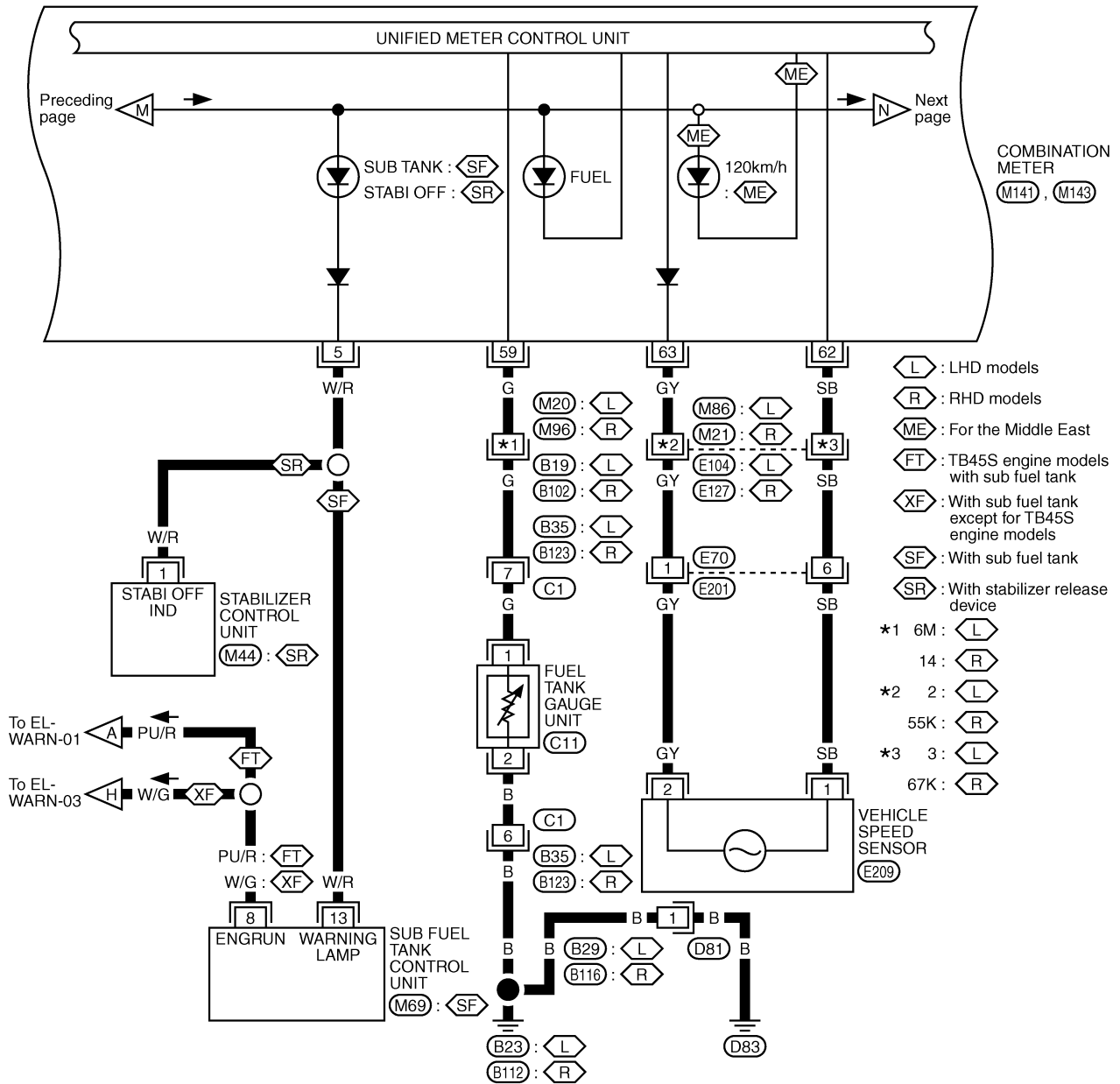


Refer to last page (Foldout page).

(M21), (E127)
(E18)

Wiring Diagram — WARN — (Cont'd)

EL-WARN-08



Refer to last page (Foldout page).

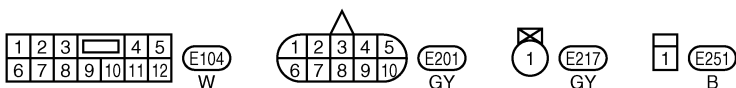
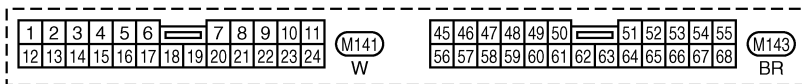
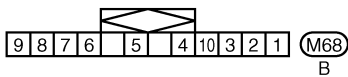
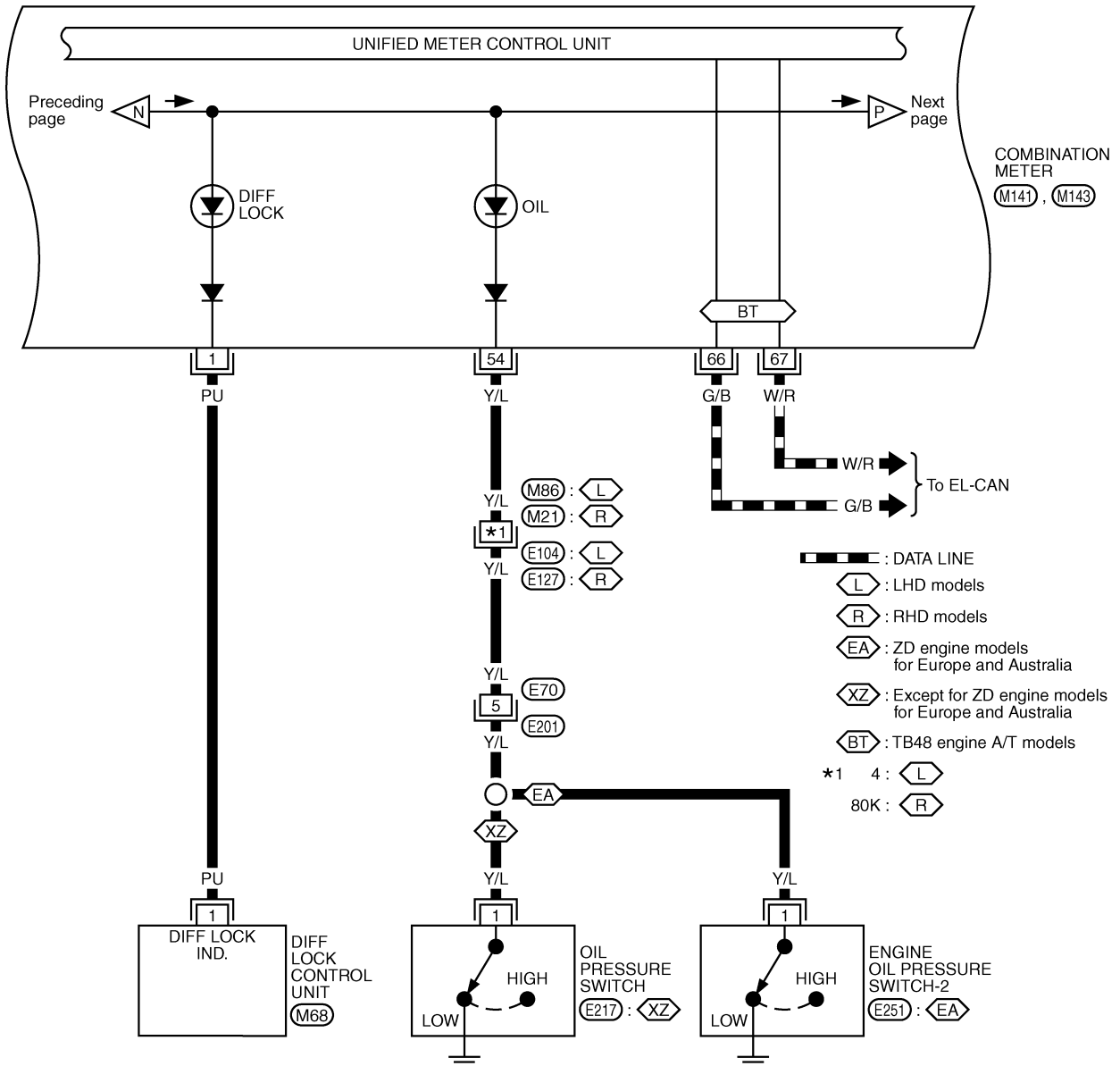
(M20), (B19)

M21, E127

WARNING LAMPS

Wiring Diagram — WARN — (Cont'd)

EL-WARN-09



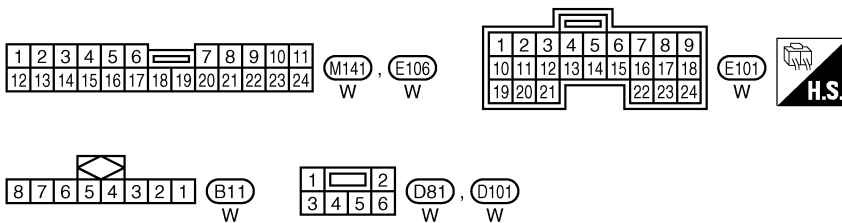
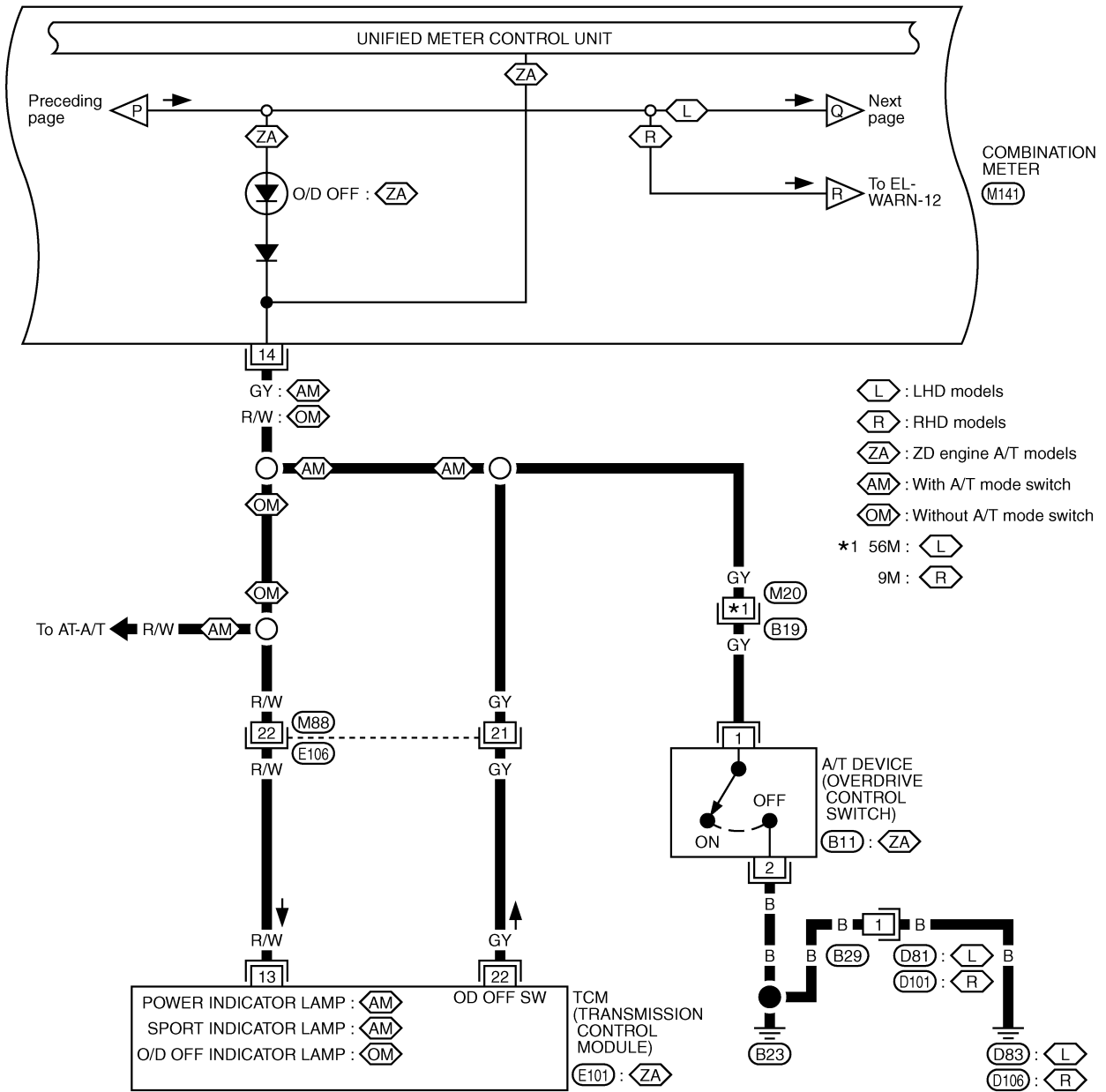
Refer to last page (Foldout page).

(M21), (E127)

WARNING LAMPS

Wiring Diagram — WARN — (Cont'd)

EL-WARN-10



Refer to last page (Foldout page).
(M20), (B19)

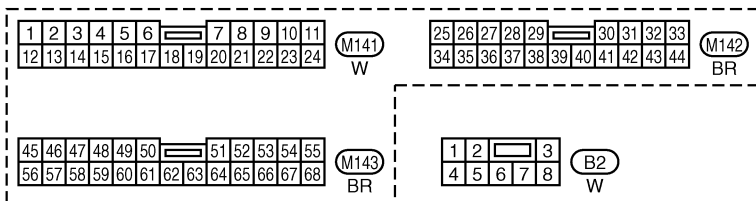
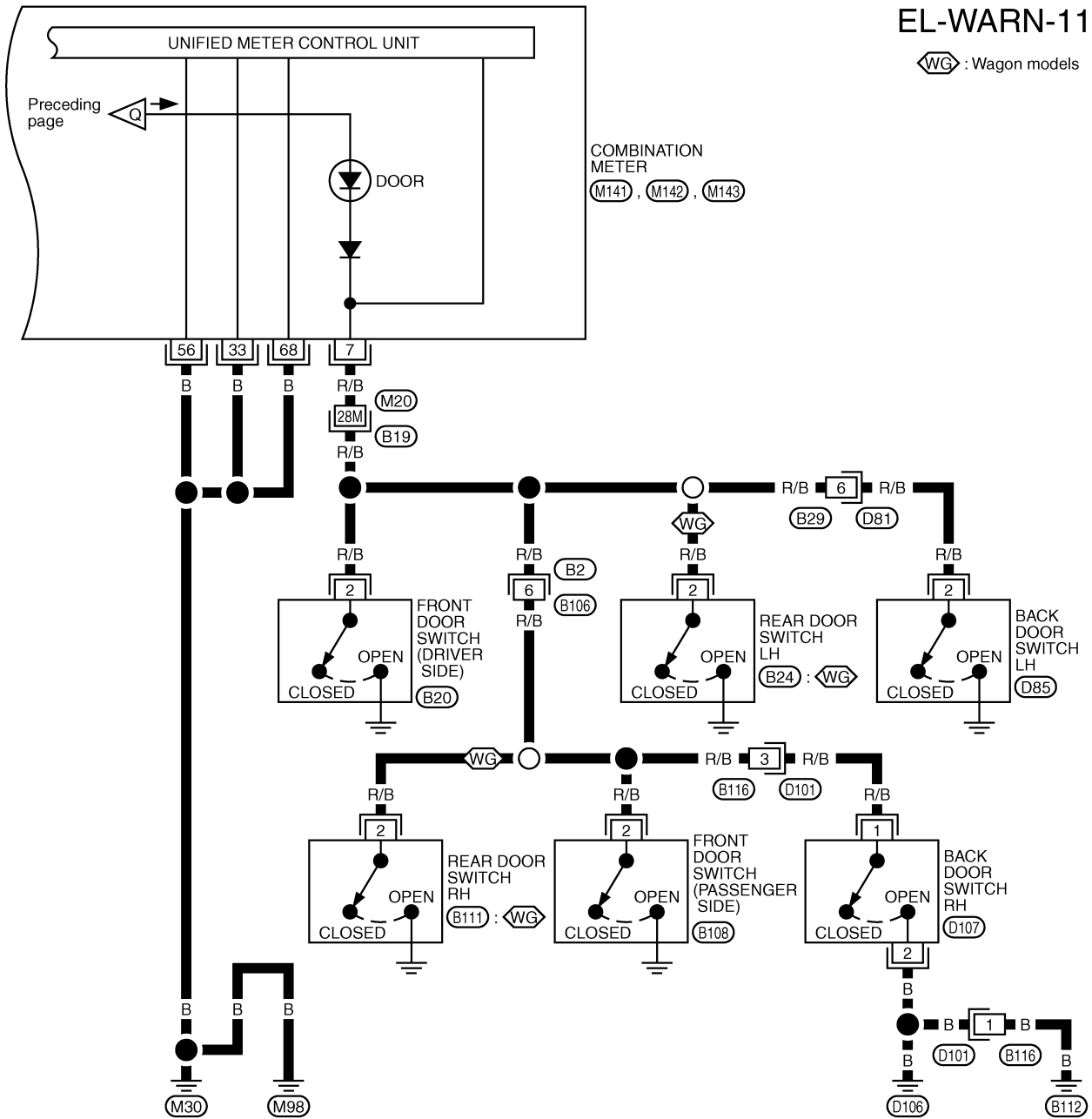
WARNING LAMPS

Wiring Diagram — WARN — (Cont'd)

LHD MODELS

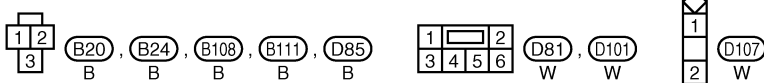
EL-WARN-11

WG : Wagon models



Refer to last page (Foldout page).

M20, B19



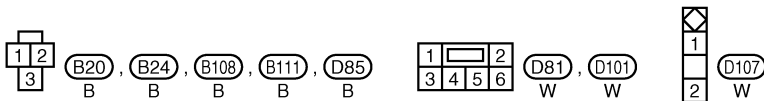
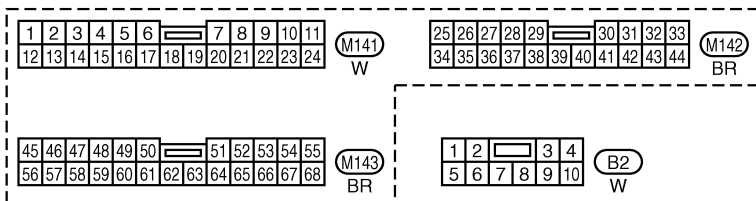
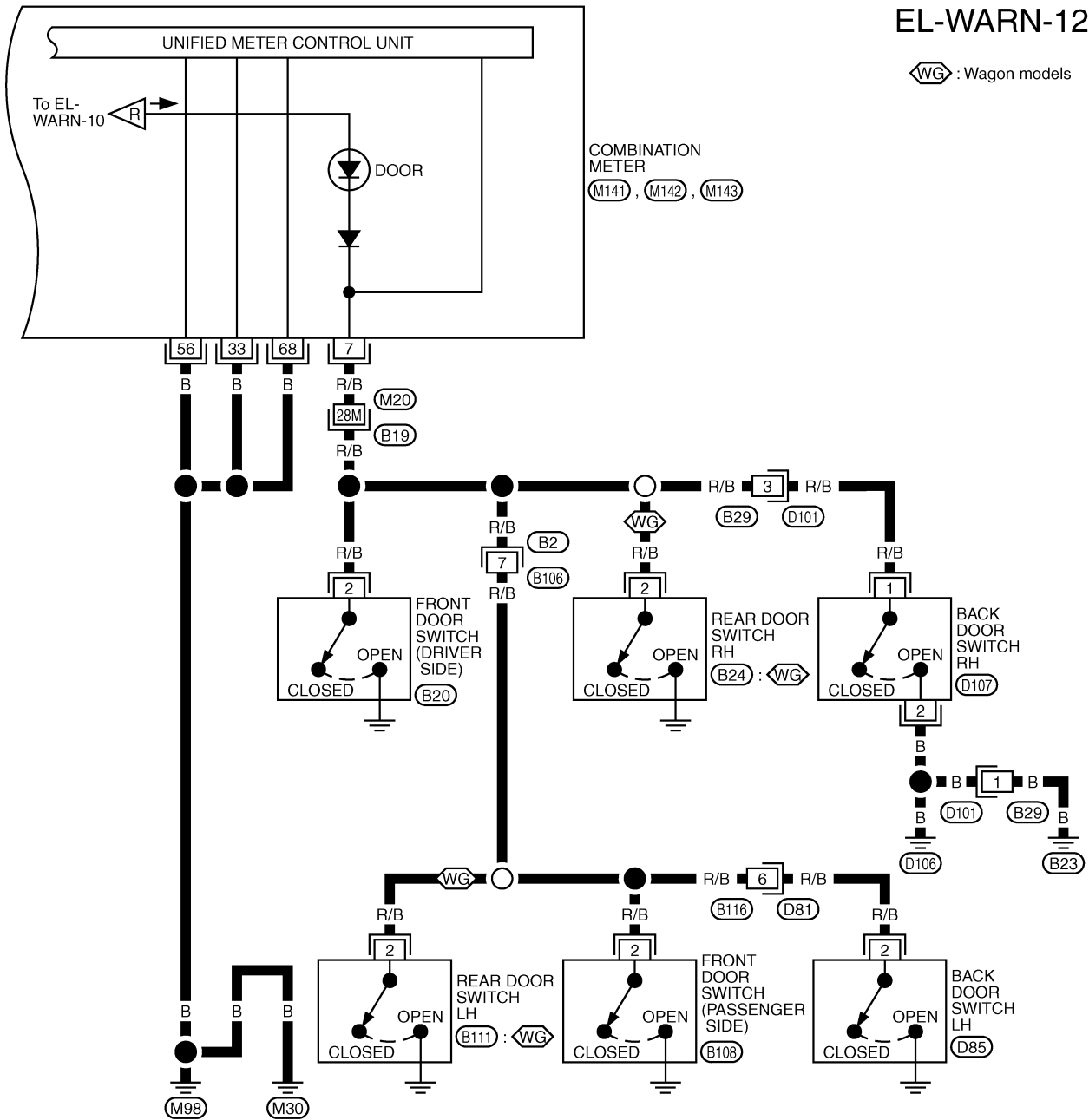
WARNING LAMPS

Wiring Diagram — WARN — (Cont'd)

RHD MODELS

EL-WARN-12

WG : Wagon models

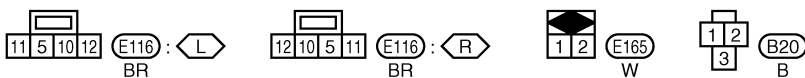
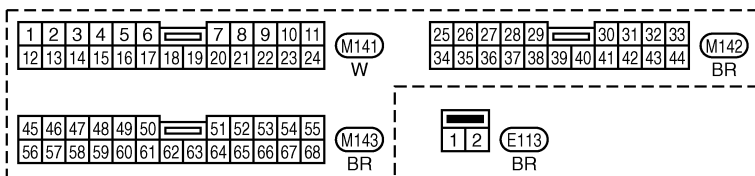
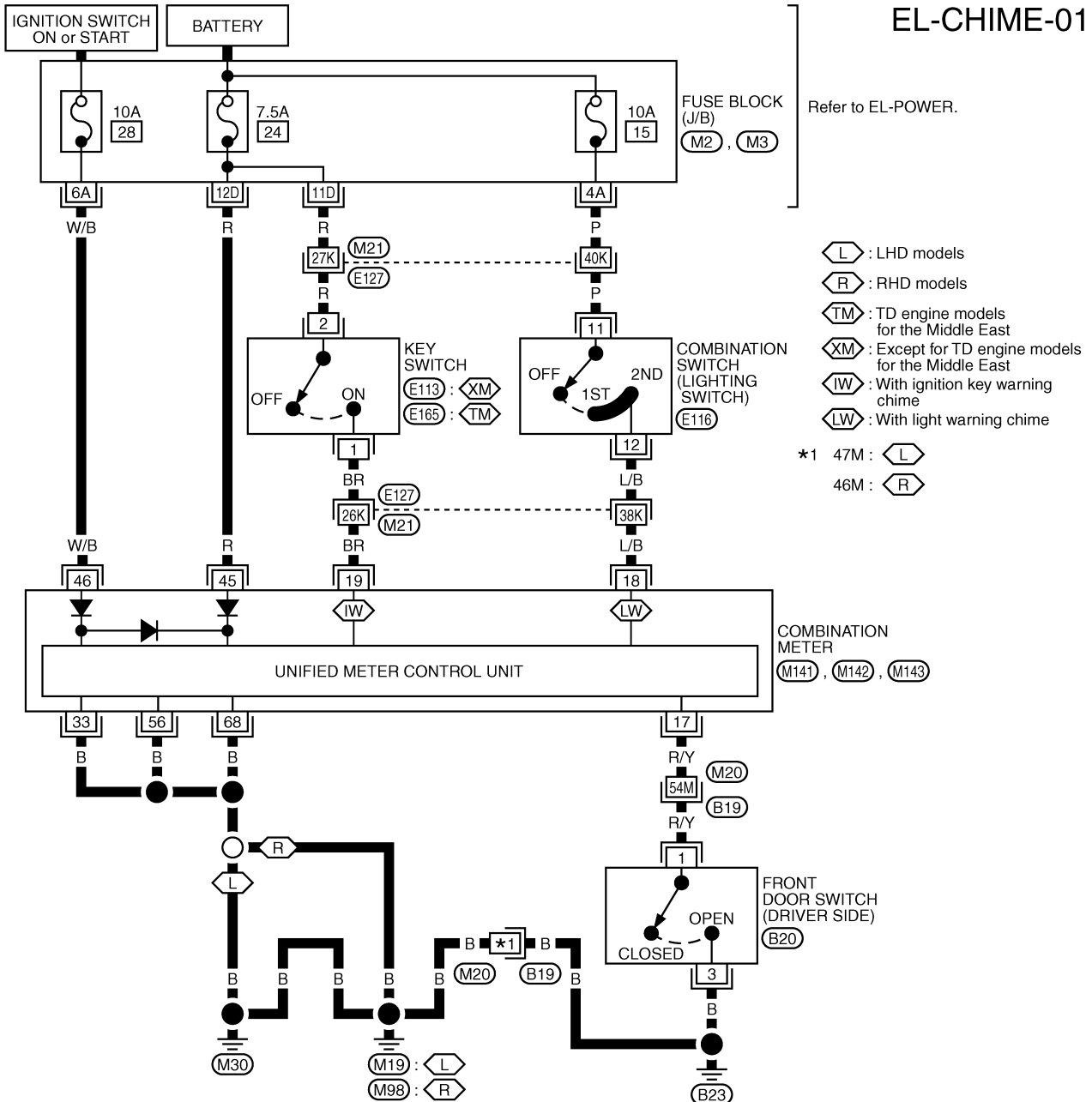


Refer to last page (Foldout page).

M20, B19

Wiring Diagram — CHIME —/Except for Europe and with Theft Warning System Models

EL-CHIME-01



Refer to last page (Foldout page).

(M20), (B19)

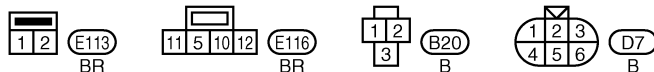
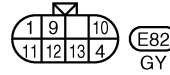
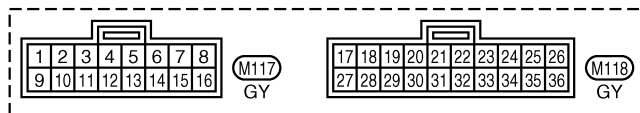
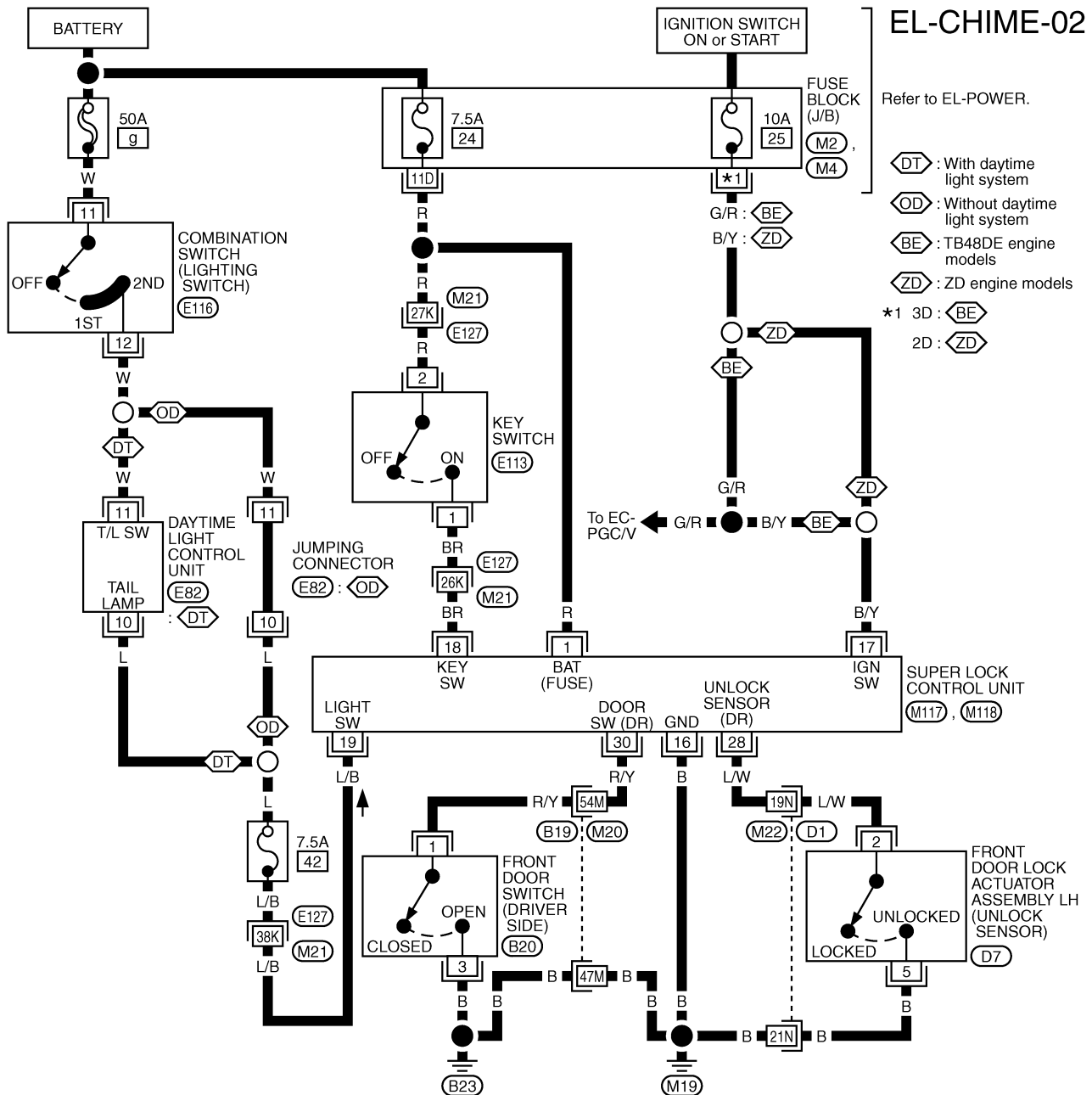
M21, E127

M2

M3

WARNING CHIME

Wiring Diagram — CHIME —/LHD Models for Europe

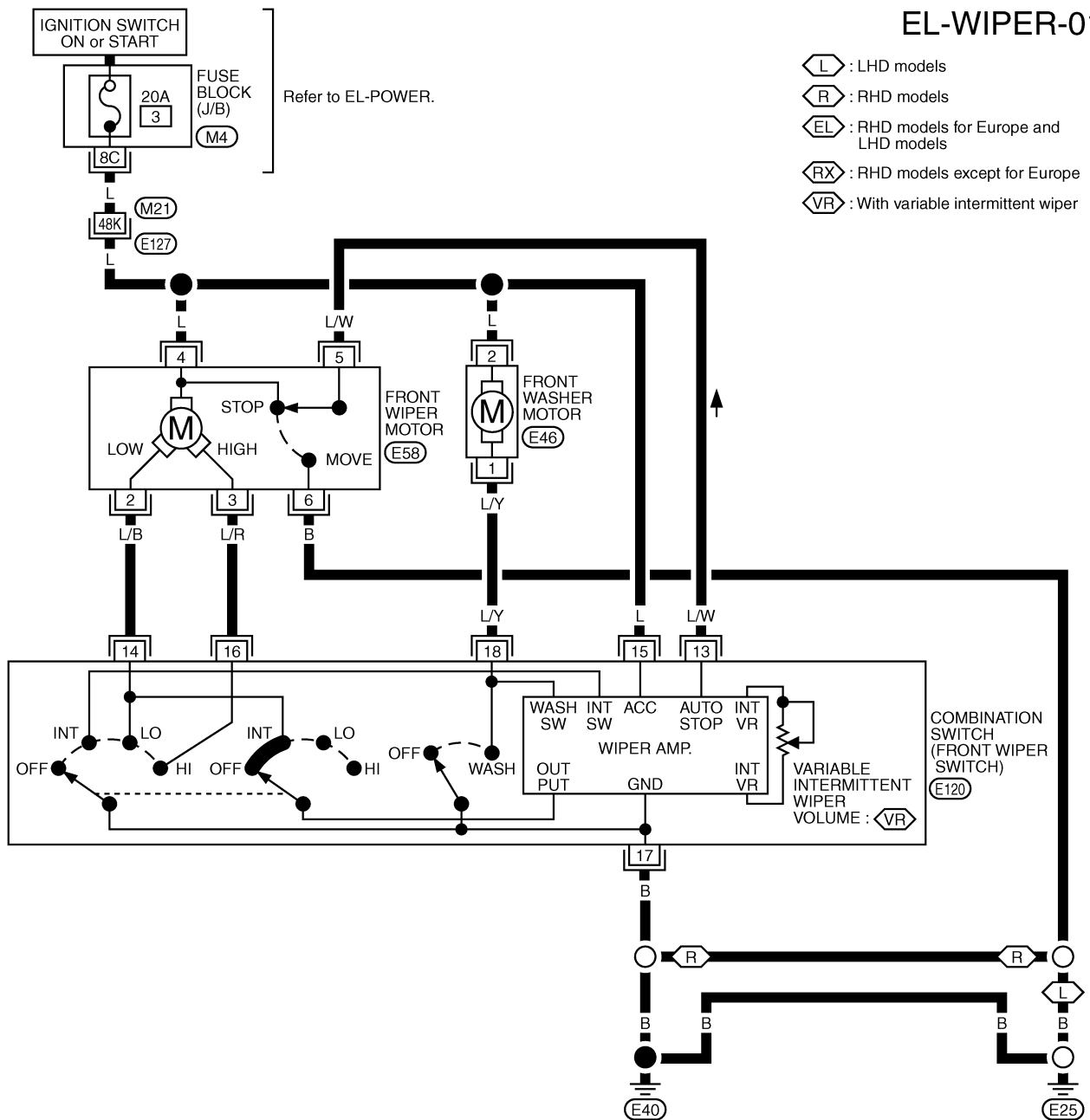


Refer to last page (Foldout page).

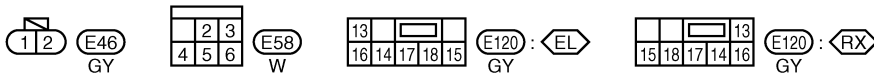
FRONT WIPER AND WASHER

Wiring Diagram — WIPER —/Except for Europe

EL-WIPER-01



- (L) : LHD models
- (R) : RHD models
- (EL) : RHD models for Europe and LHD models
- (RX) : RHD models except for Europe
- (VR) : With variable intermittent wiper



Refer to last page (Foldout page).

(M21) (E127)

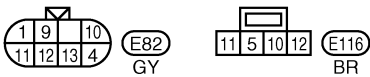
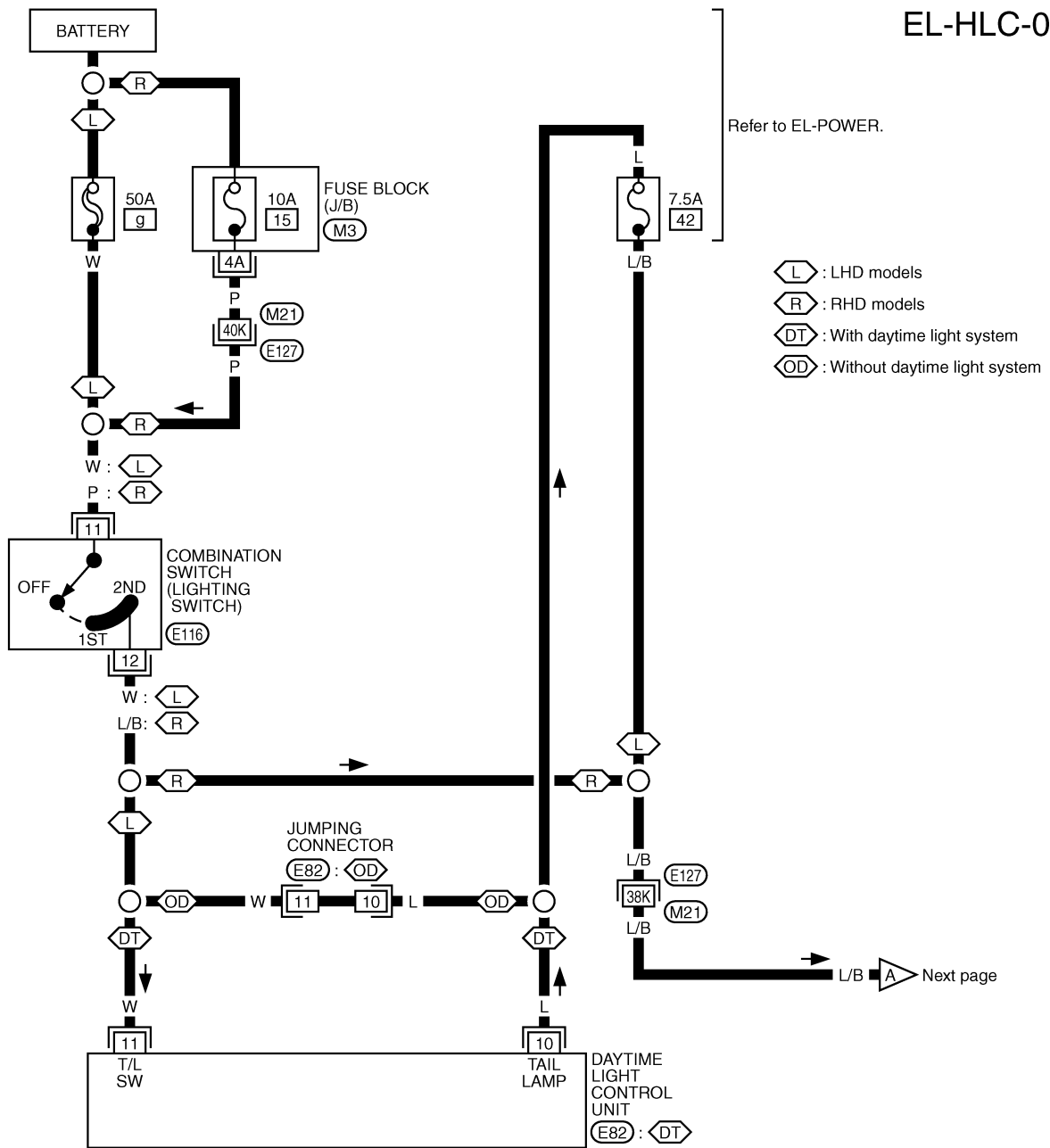
(M4)

TEL842M

HEADLAMP WASHER

Wiring Diagram — HLC —

EL-HLC-01



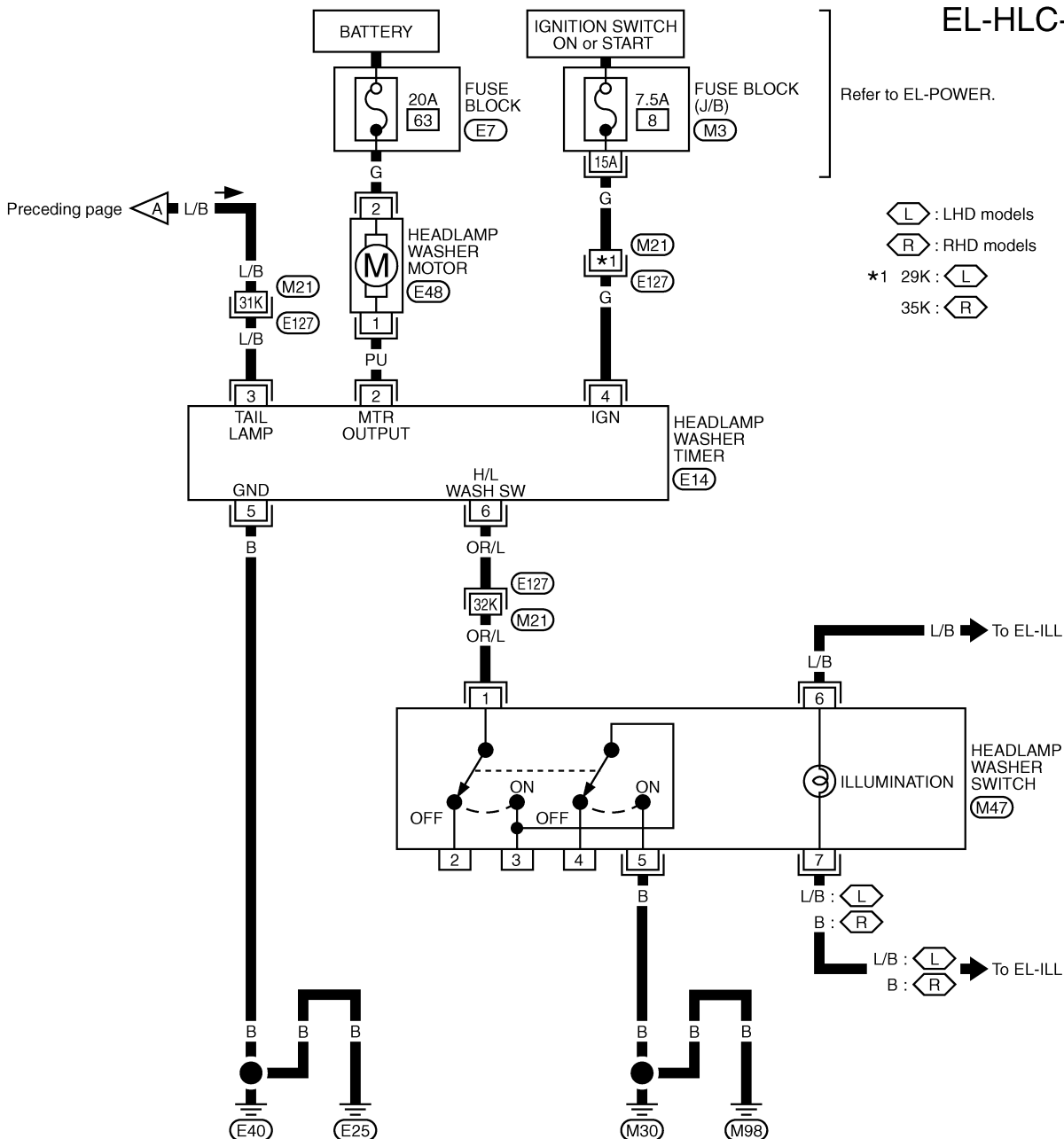
Refer to last page (Foldout page).

(M21) : (E127)
(M3)

HEADLAMP WASHER

Wiring Diagram — HLC — (Cont'd)

EL-HLC-02



1	2	7
6	4	3

(M47)
BR

2	
4	3
6	5

(E14)
BR

1	2
---	---

(E48)
GY

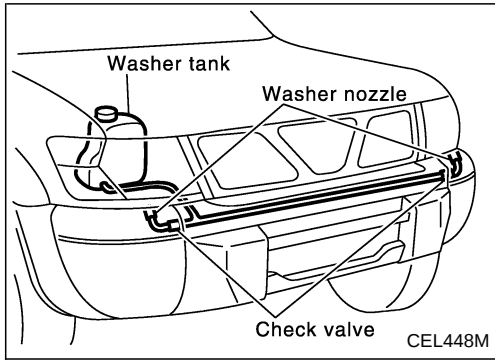
Refer to last page (Foldout page).

(M21), (E127)

(M3)

(E7)

HEADLAMP WASHER

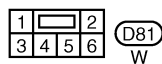
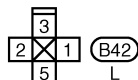
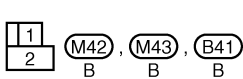
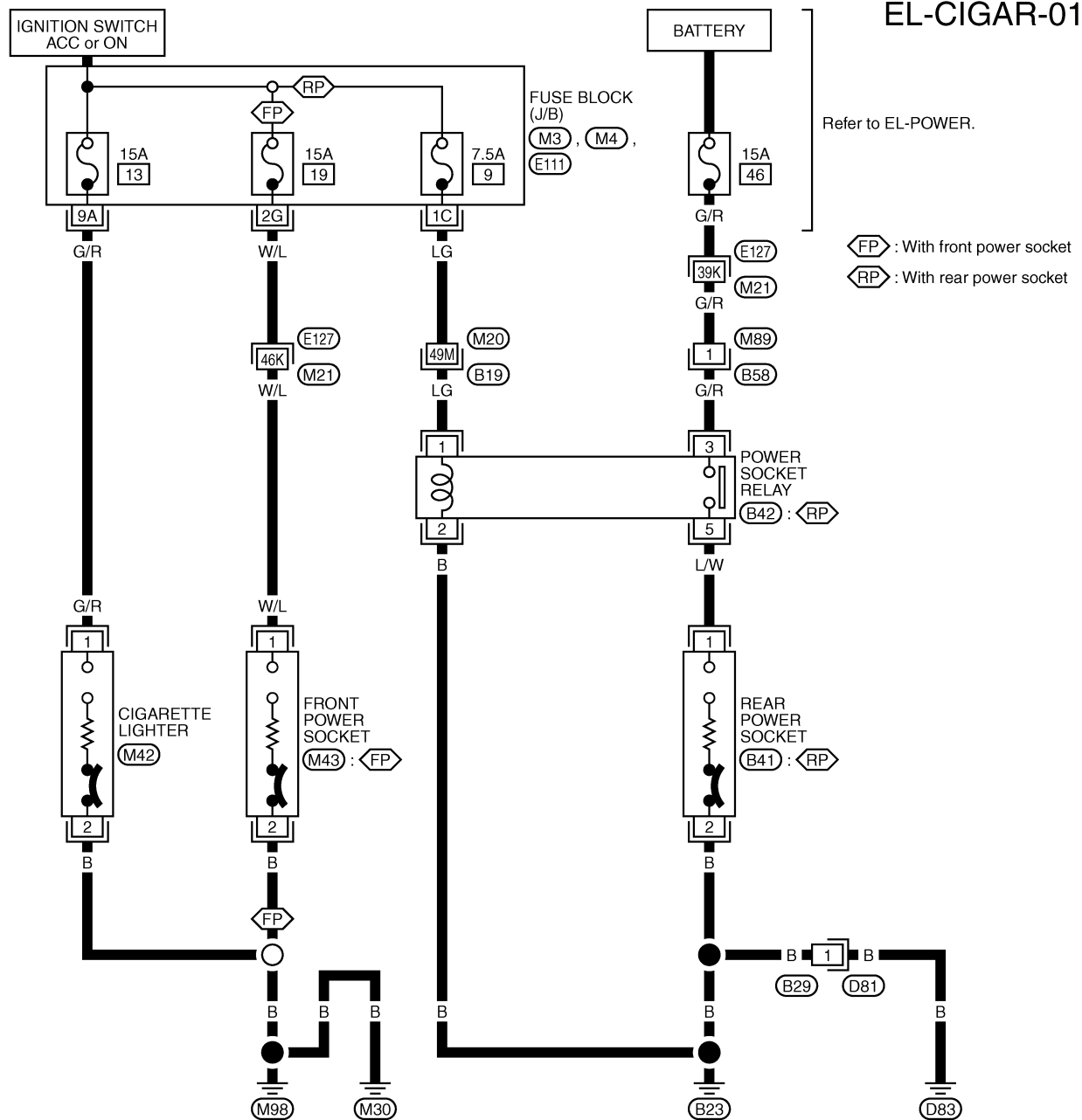


Washer Tube Layout

CIGARETTE LIGHTER

Wiring Diagram — CIGAR —/LHD Models

EL-CIGAR-01



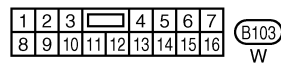
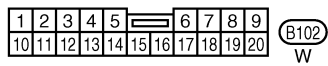
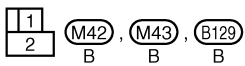
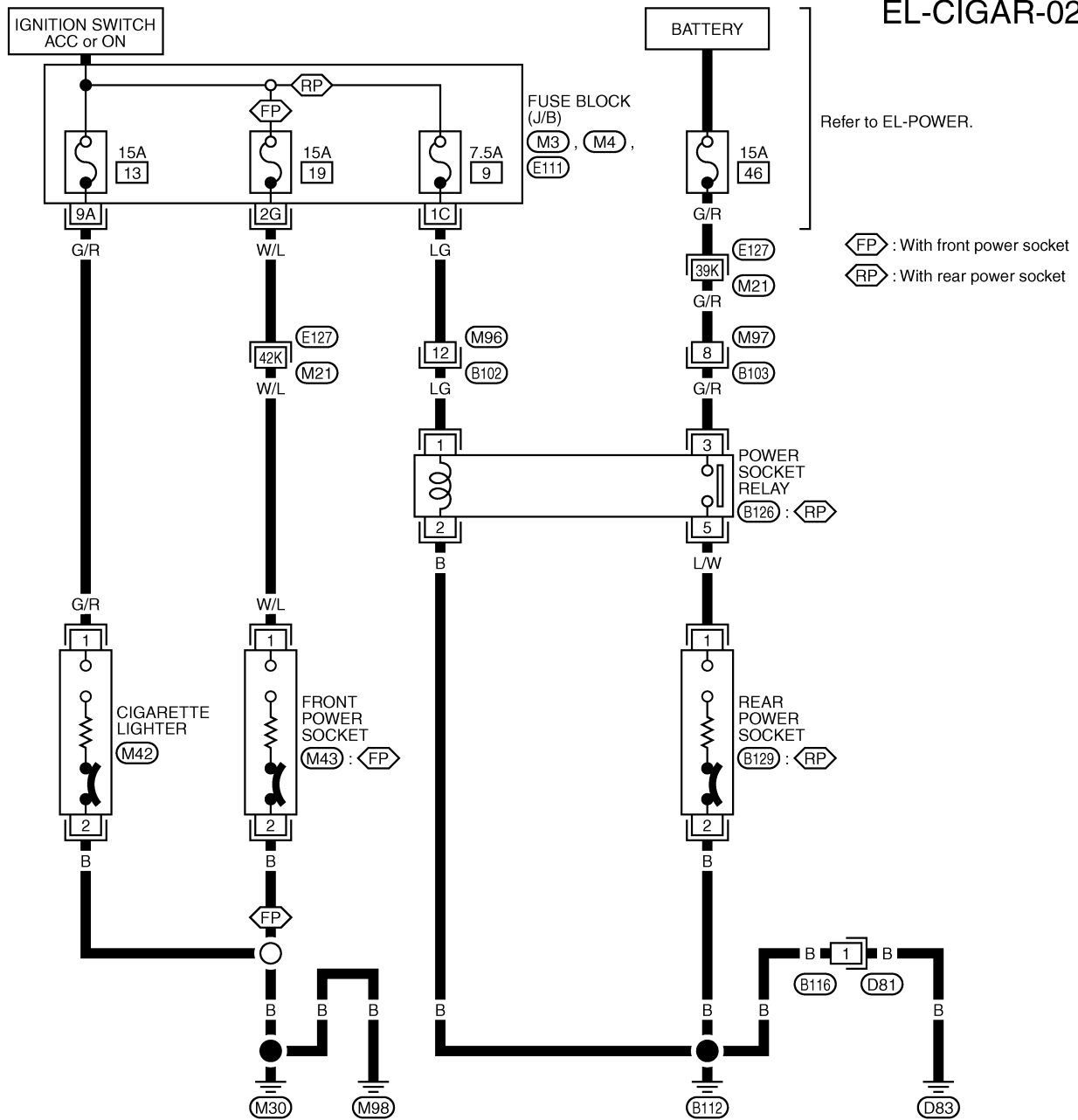
Refer to last page (Foldout page).

(M20), (B19)
(M21), (E127)
(M3)
(M4)
(E111)

CIGARETTE LIGHTER

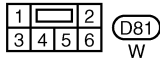
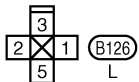
Wiring Diagram — CIGAR —/RHD Models

EL-CIGAR-02

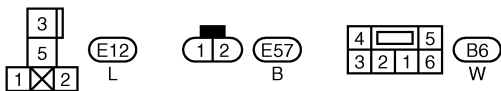
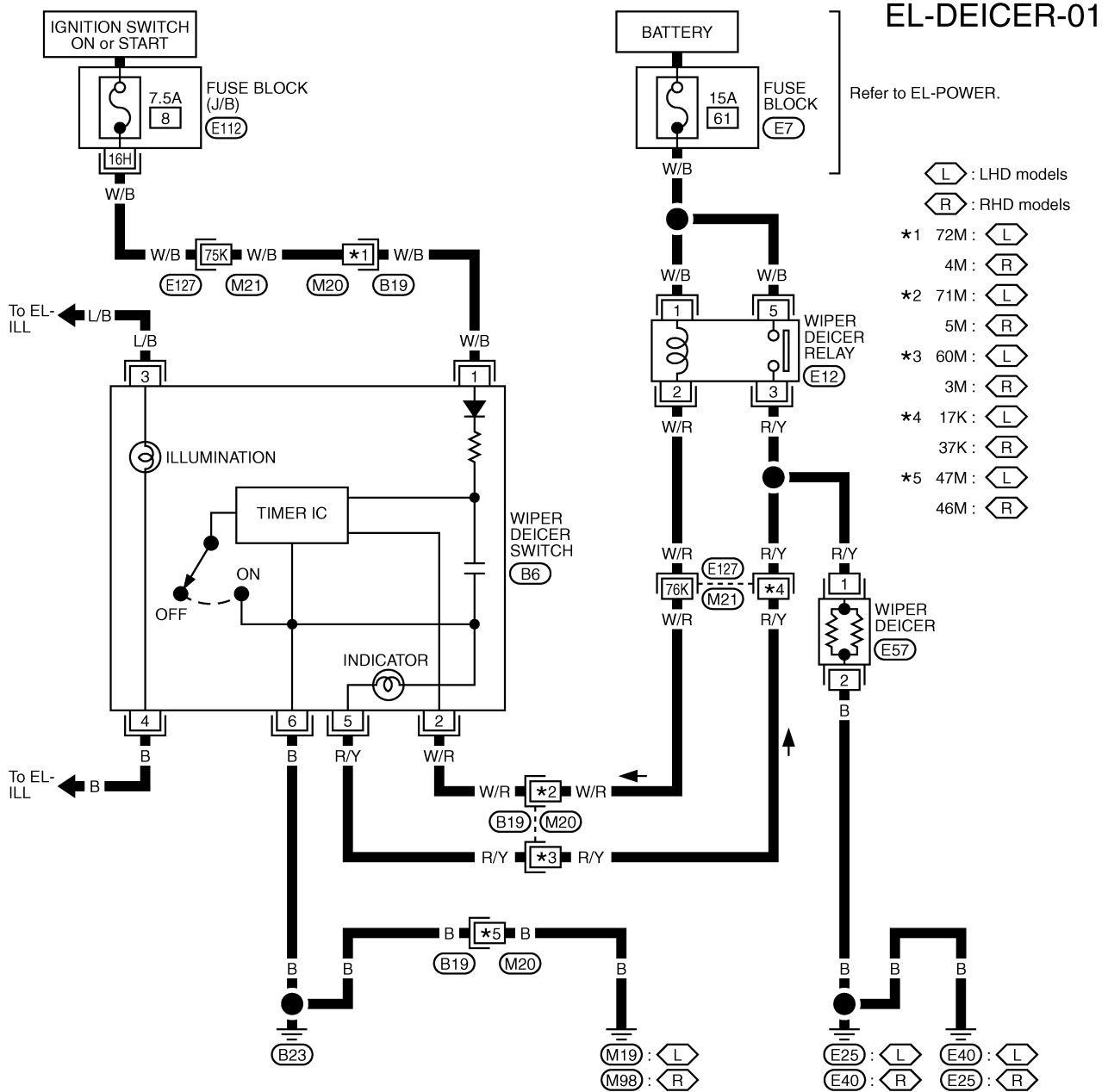


Refer to last page (Foldout page).

(M21), (E127)
(M3)
(M4)
(E111)



Wiring Diagram — DEICER —



Refer to last page (Foldout page).

(M20), (B19)

(M21), (E127)

E7

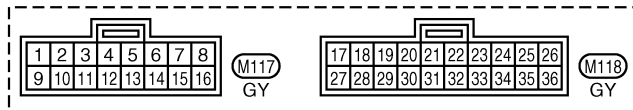
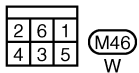
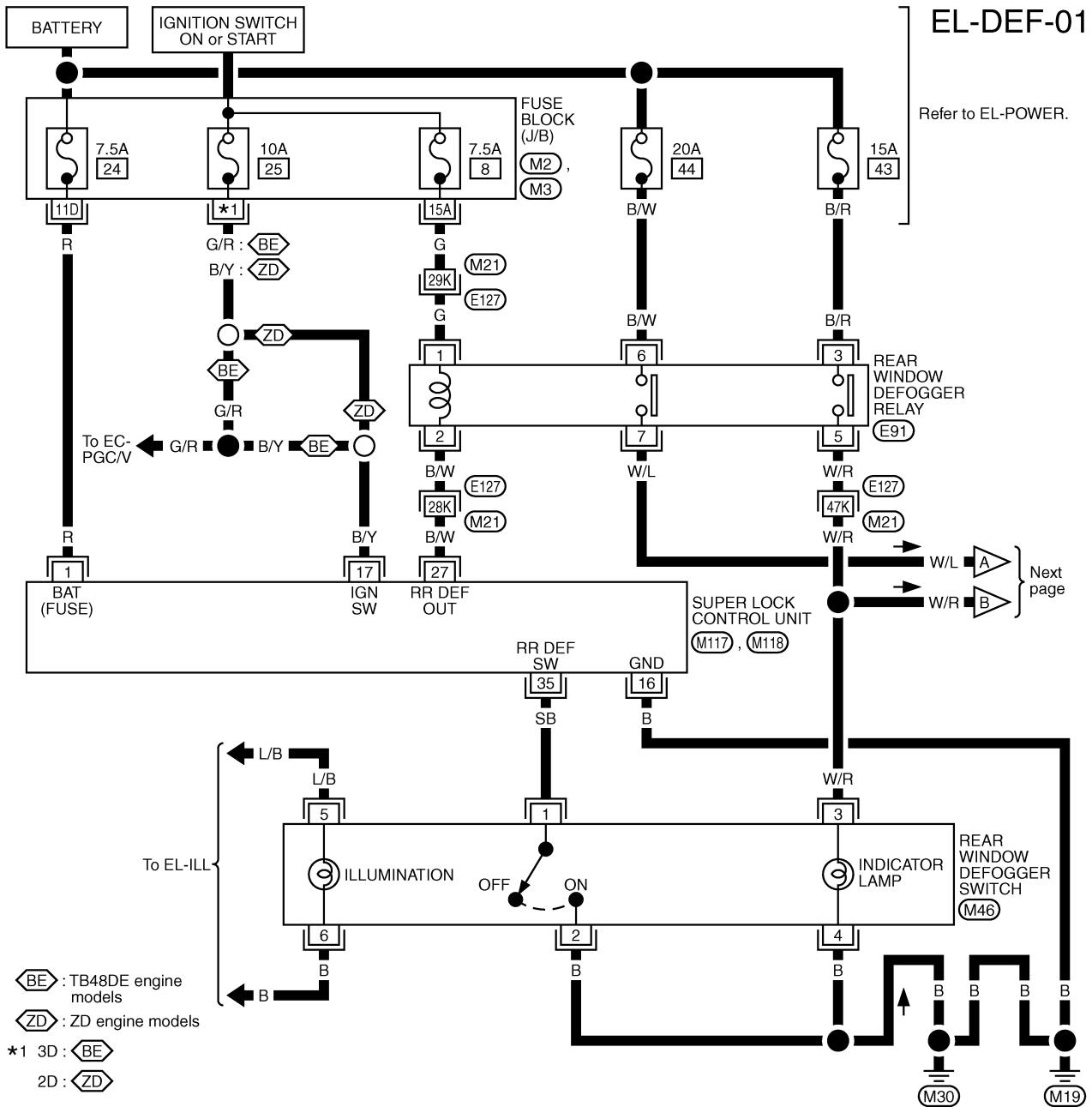
E112

REAR WINDOW DEFOGGER

Wiring Diagram — DEF —/LHD Models for Europe

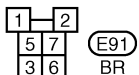
EL-DEF-01

Refer to EL-POWER.



Refer to last page (Foldout page).

M21, E127
M2
M3

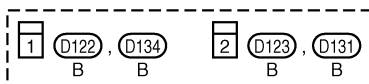
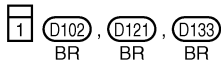
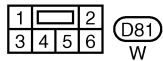
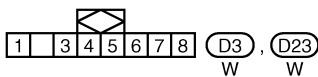
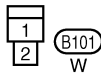
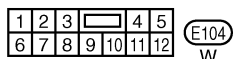
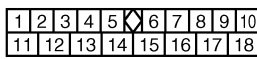
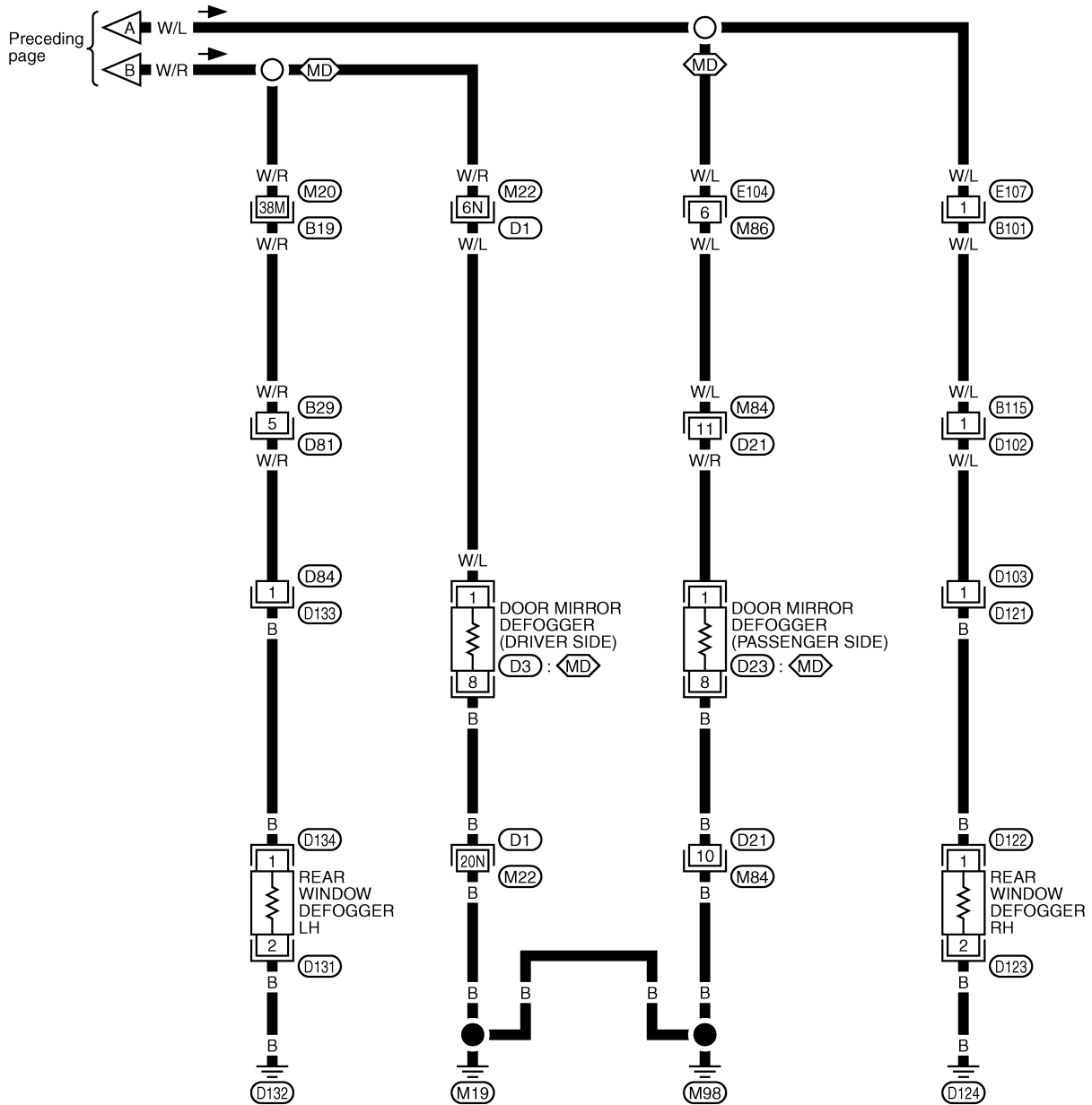


REAR WINDOW DEFOGGER

Wiring Diagram — DEF —/LHD Models for Europe (Cont'd)

EL-DEF-02

 : With door mirror defogger

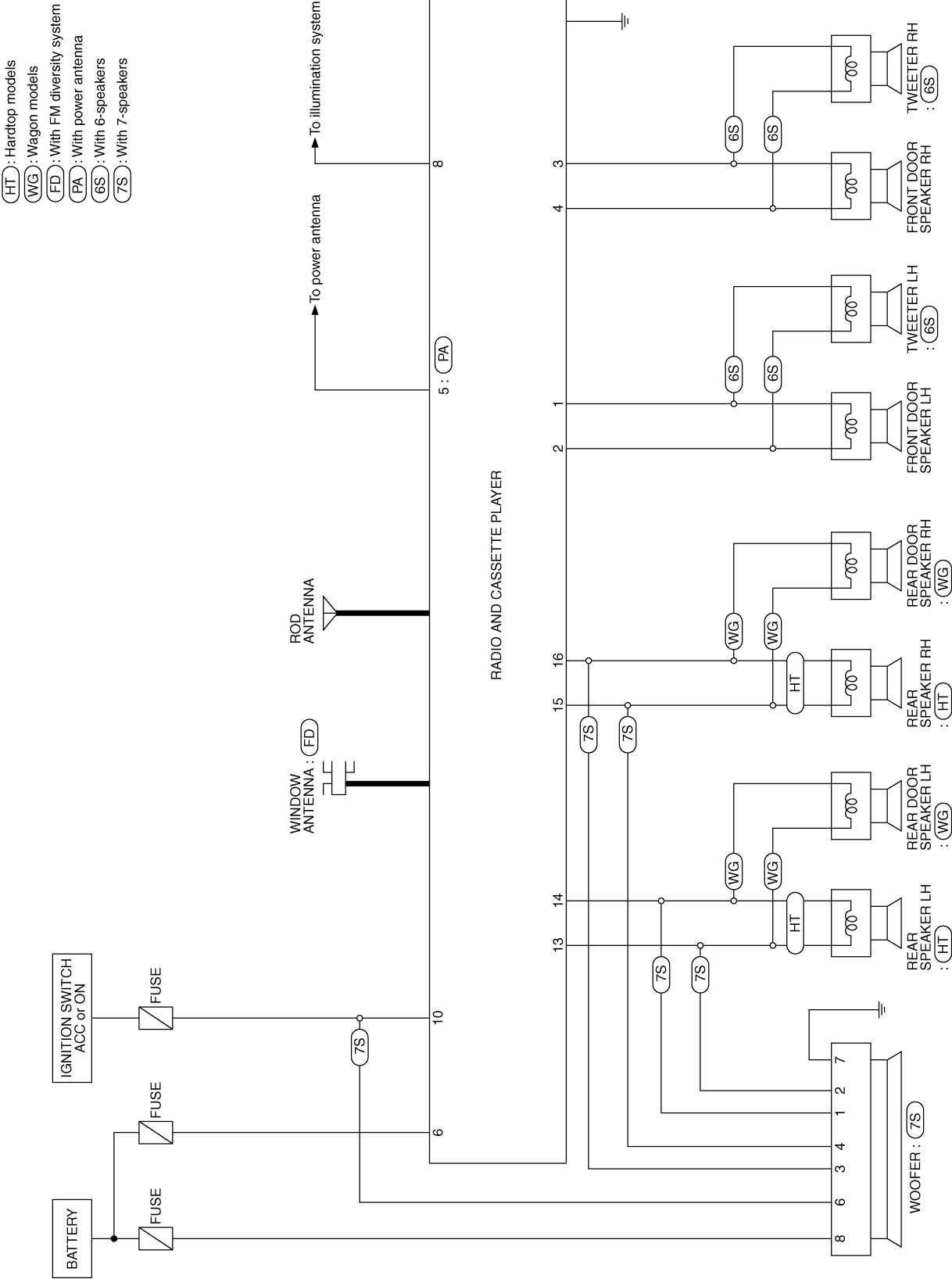


Refer to last page (Foldout page).

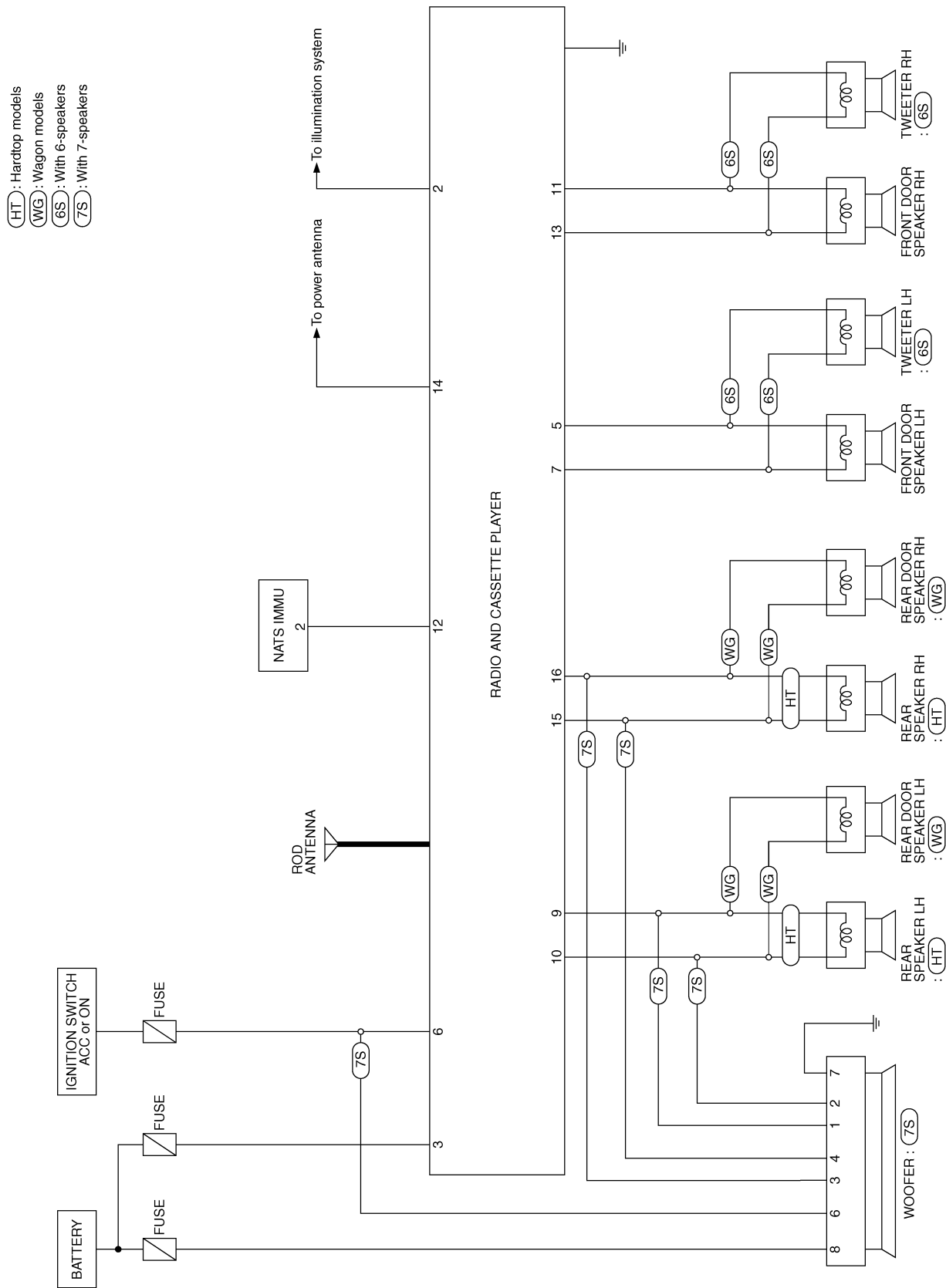
(M20), (B19)

(M22), (D1)

Schematic/Except for Europe



Schematic/For Europe



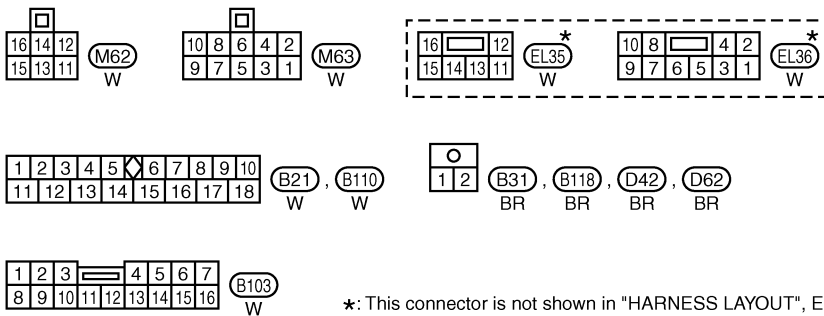
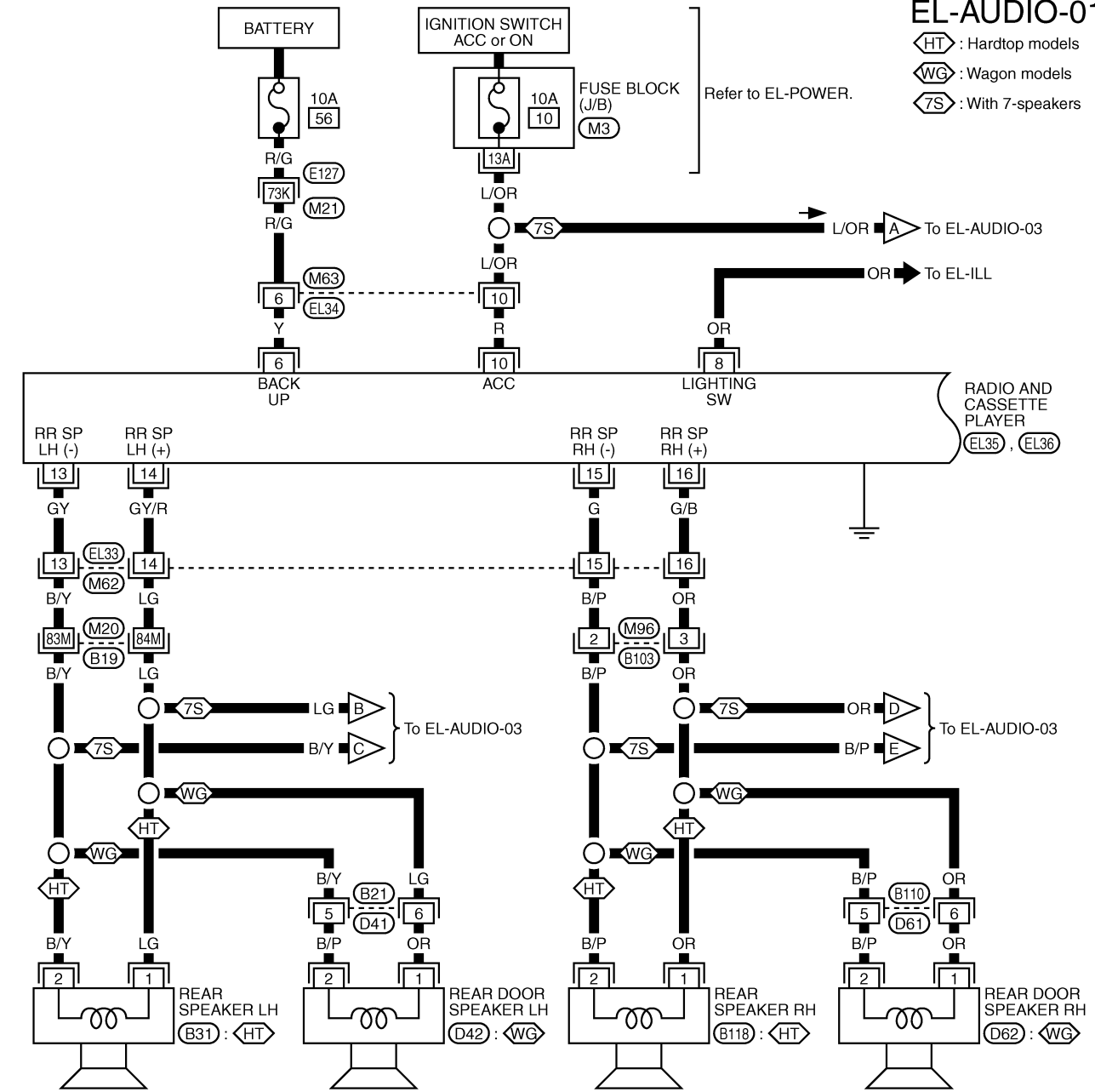
AUDIO

Wiring Diagram — AUDIO —/LHD Models Except for Europe

TYPE A FM-AM tuner radio with sub-harness

EL-AUDIO-01

- ⬡HT : Hardtop models
- ⬡WG : Wagon models
- ⬡7S : With 7-speakers



★: This connector is not shown in "HARNESS LAYOUT", EL section.

Refer to last page (Foldout page).

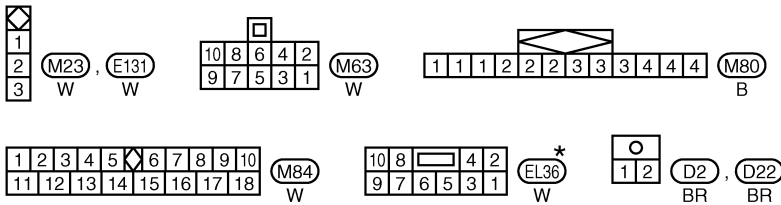
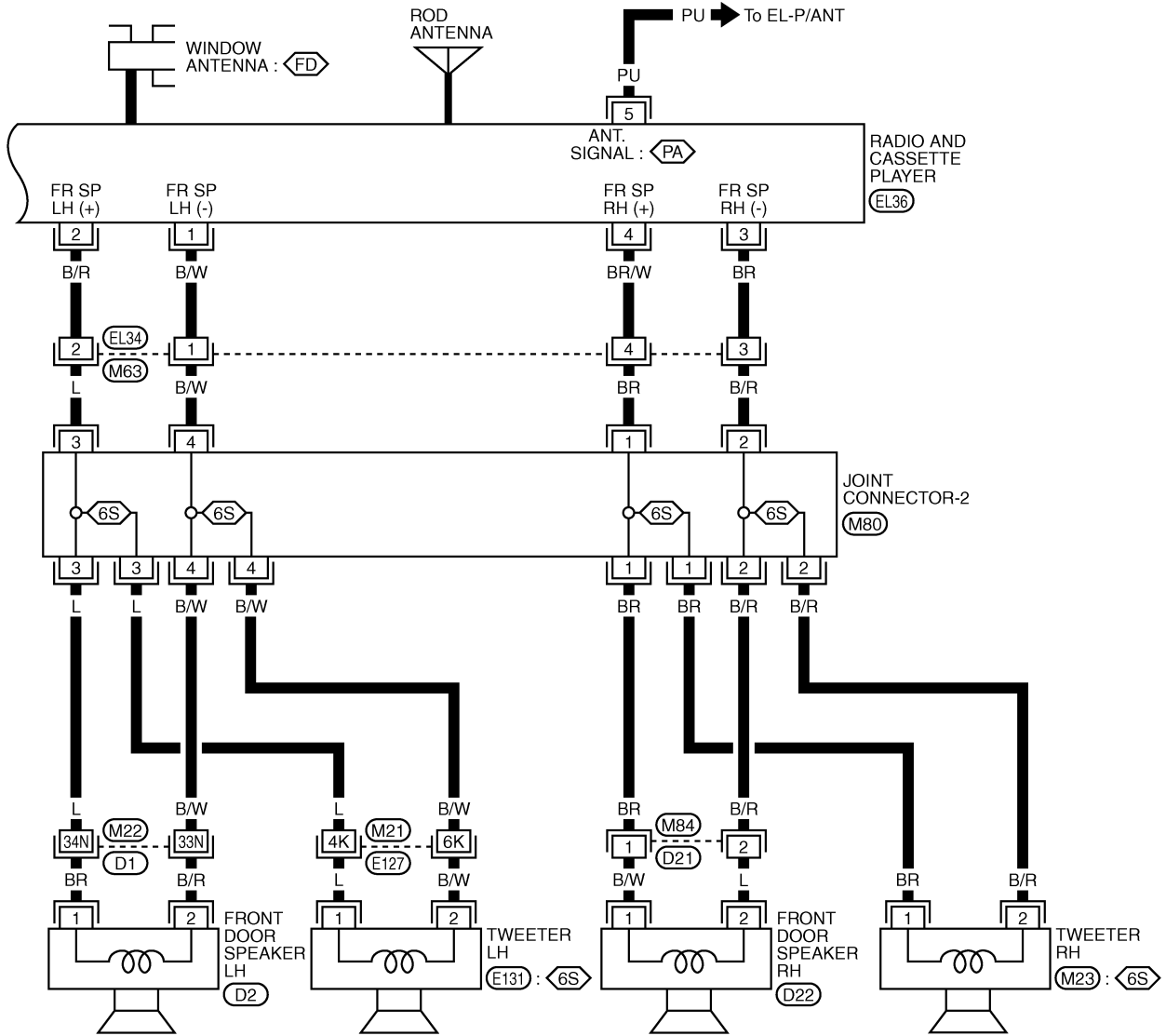
- M20, B19
- M21, E127
- M3

AUDIO

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

EL-AUDIO-02

- ◻FD◻ : With FM diversity system
- ◻PA◻ : With power antenna
- ◻6S◻ : With 6-speakers



Refer to last page (Foldout page).

- (M21) , (E127)
- (M22) , (D1)

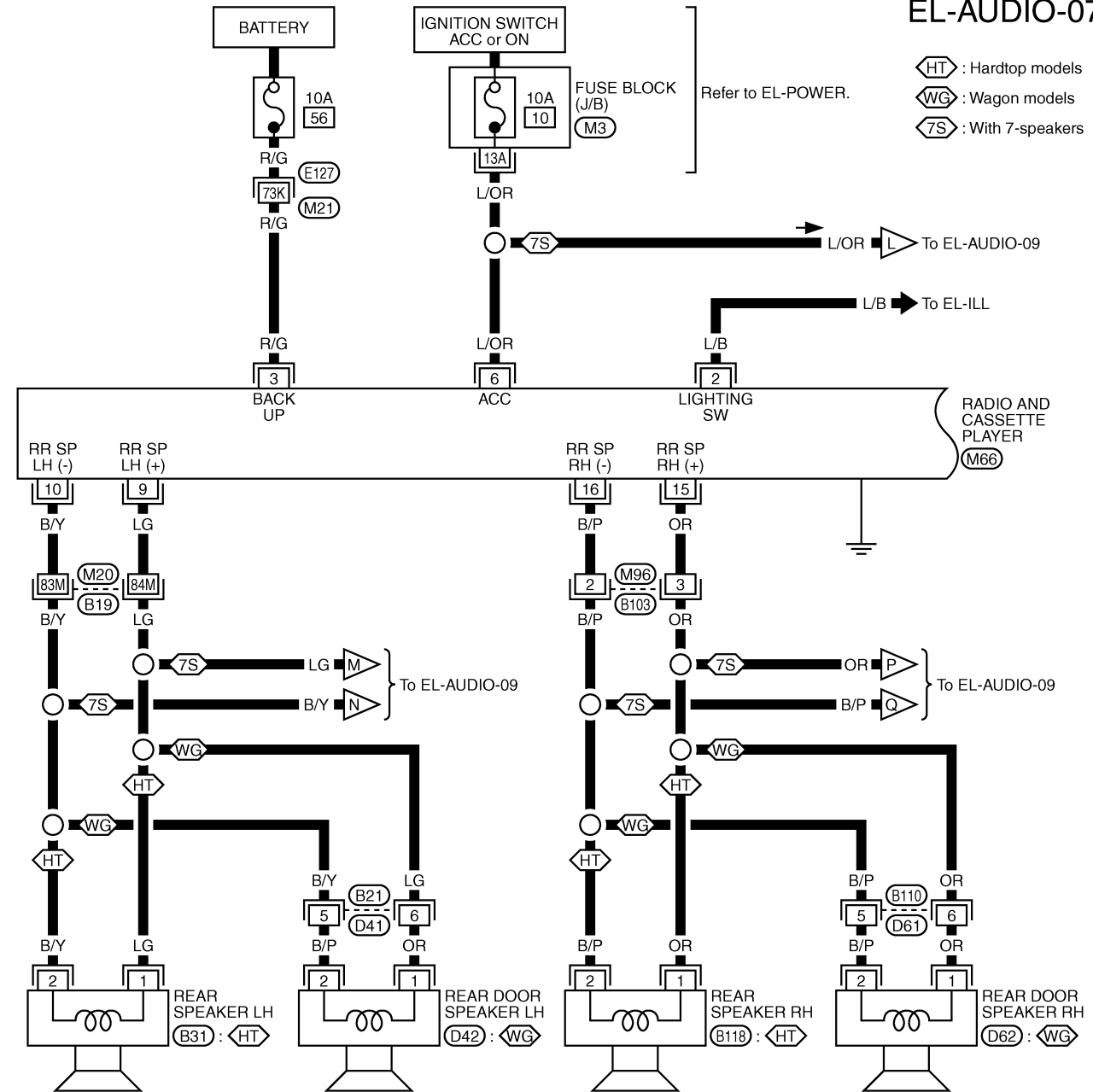
★: This connector is not shown in "HARNESS LAYOUT", EL section.

AUDIO

Wiring Diagram — AUDIO —/LHD Models for Europe

EL-AUDIO-07

- HT : Hardtop models
- WG : Wagon models
- 7S : With 7-speakers



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

M66

W

M66
W

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

B21, B110
W W

1	2
---	---

B31, B118, D42, D62
BR BR BR BR

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

B103

W

B103
W

Refer to last page (Foldout page).

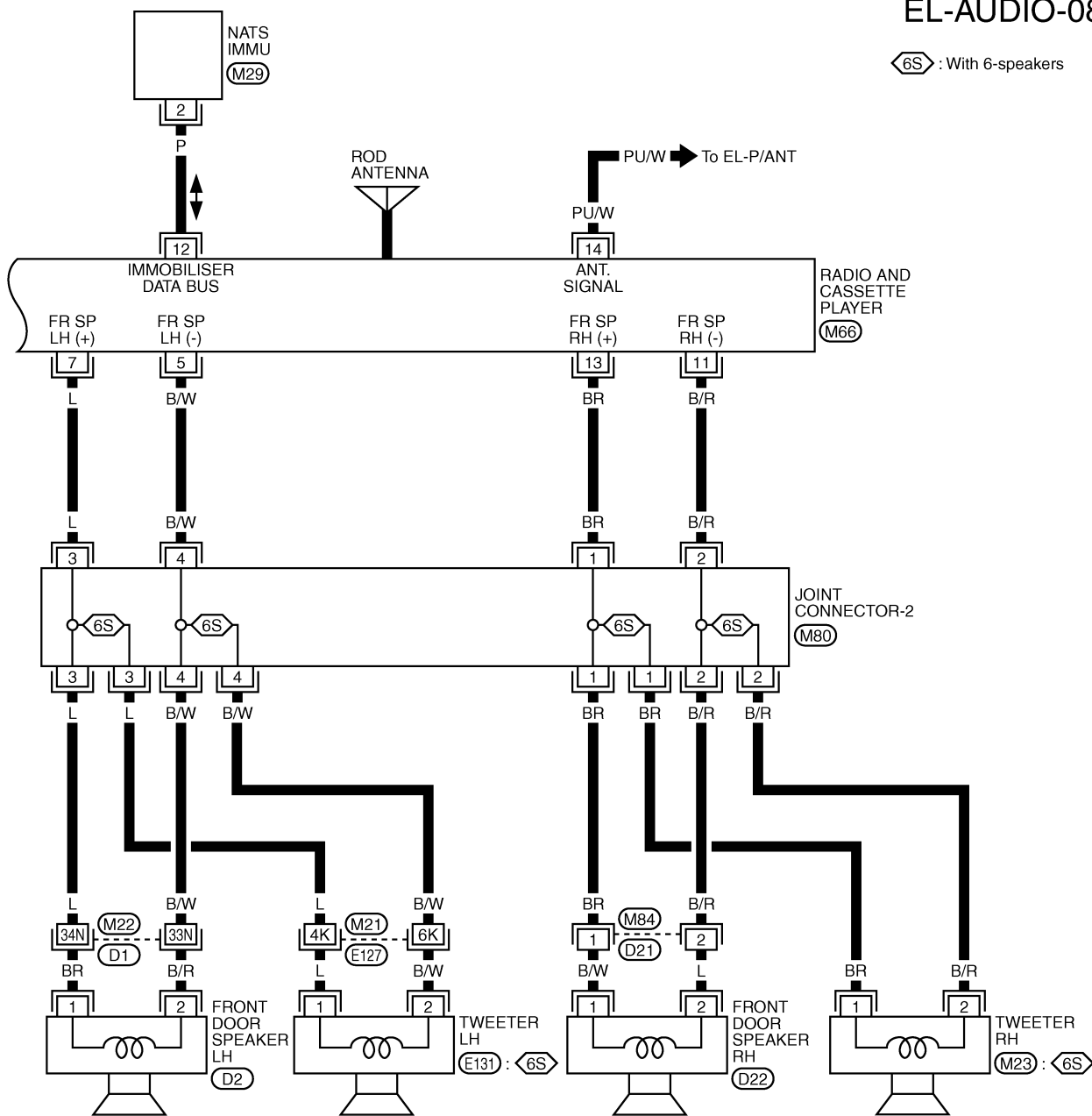
- M20, B19
- M21, E127
- M3

AUDIO

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

EL-AUDIO-08

⬡6S : With 6-speakers



1
2
3

M23, E131
W W

8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---

M29
W

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

M66

W

M66
W

1	1	1	2	2	2	3	3	4	4	4
---	---	---	---	---	---	---	---	---	---	---

M80
B

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

M84
W

1	2
---	---

D2, D22
BR BR

Refer to last page (Foldout page).

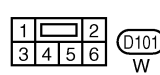
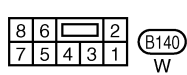
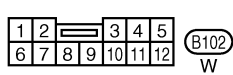
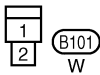
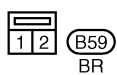
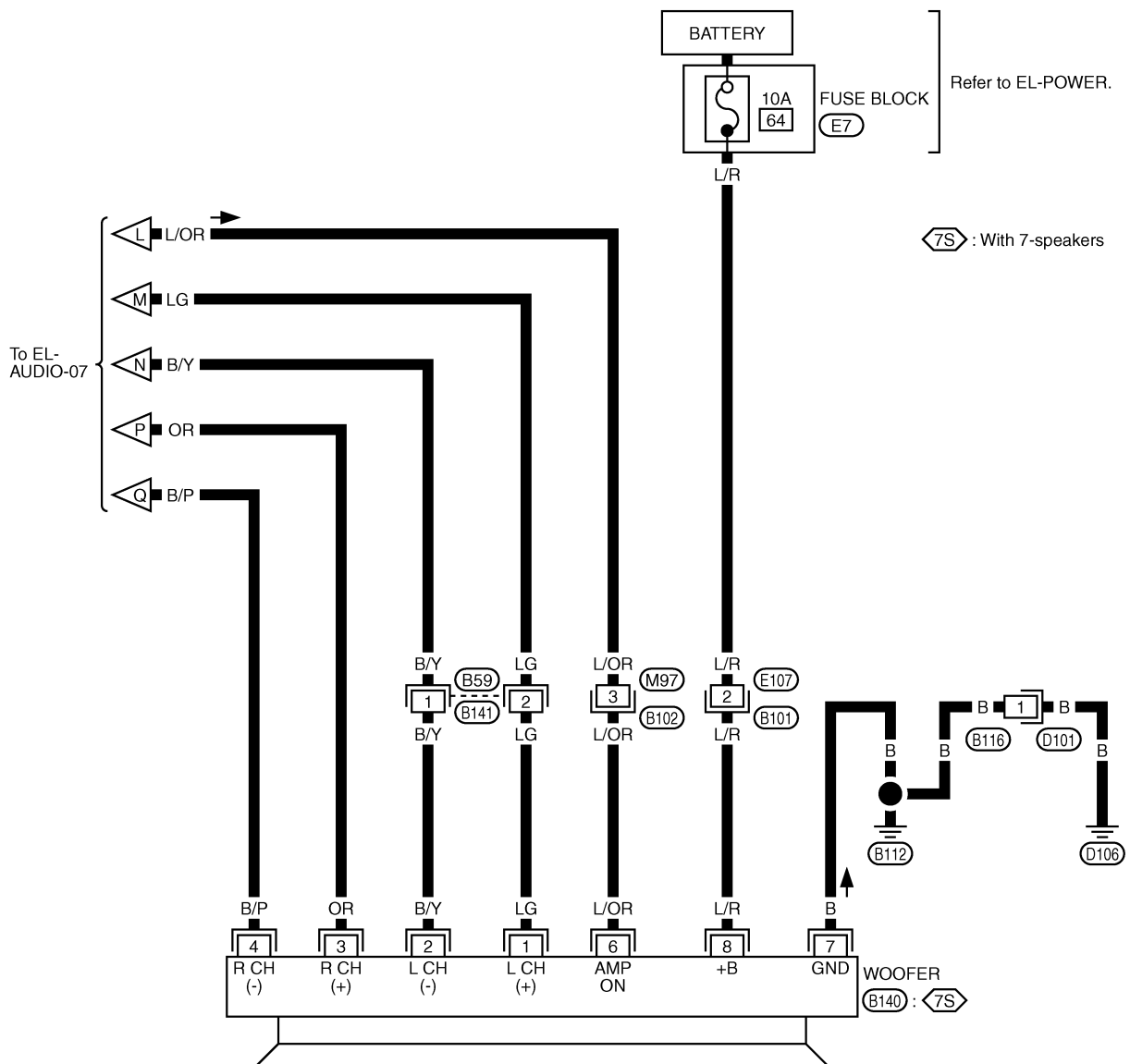
M21, E127

M22, D1

AUDIO

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

EL-AUDIO-09



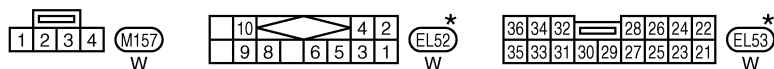
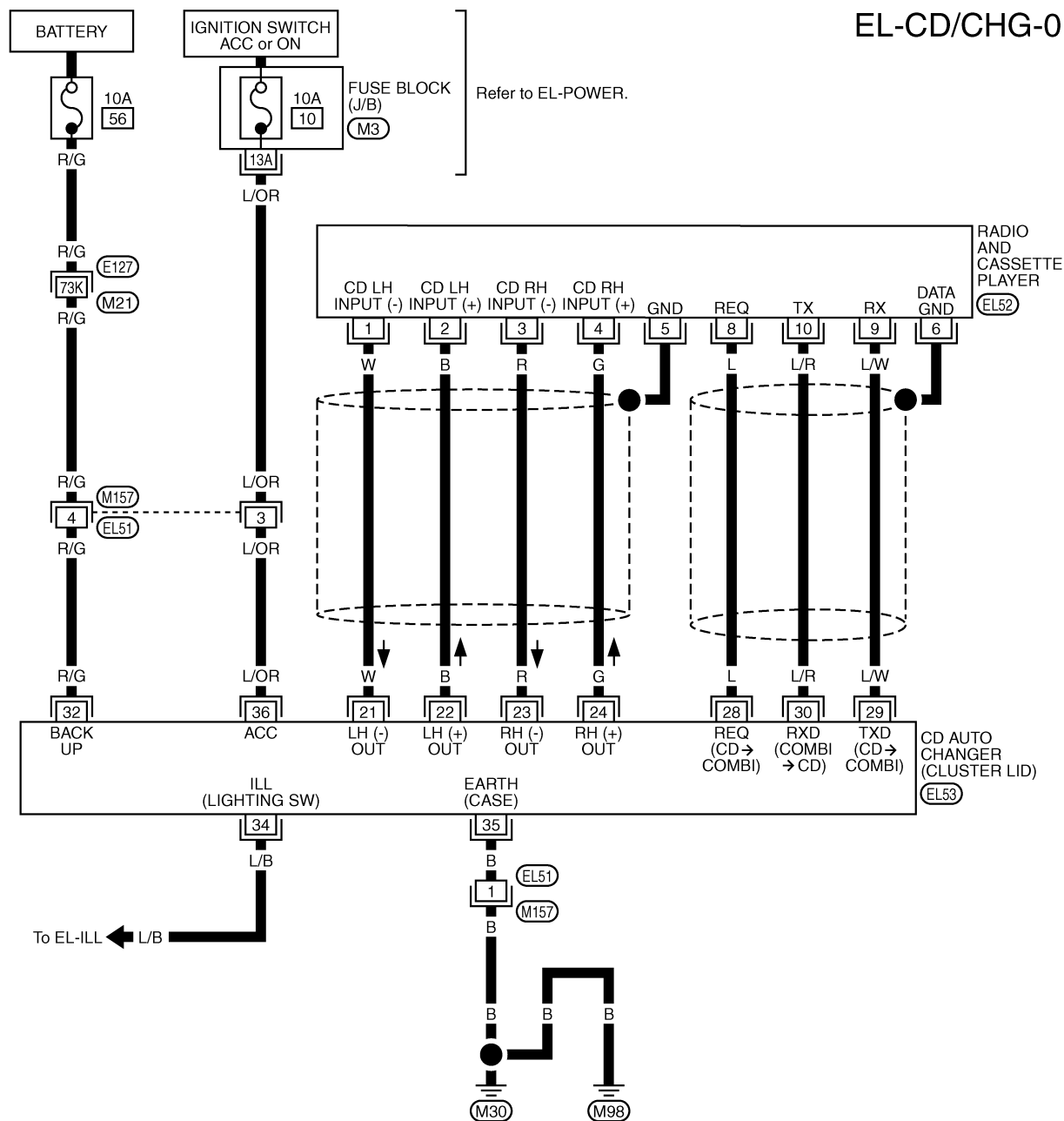
Refer to last page (Foldout page).



AUDIO

Wiring Diagram — CD/CHG —/With IDIN Type CD Auto Changer

EL-CD/CHG-01



Refer to last page (Foldout page).

(M21), (E127)
(M3)

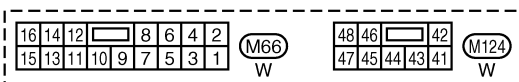
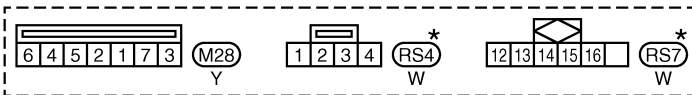
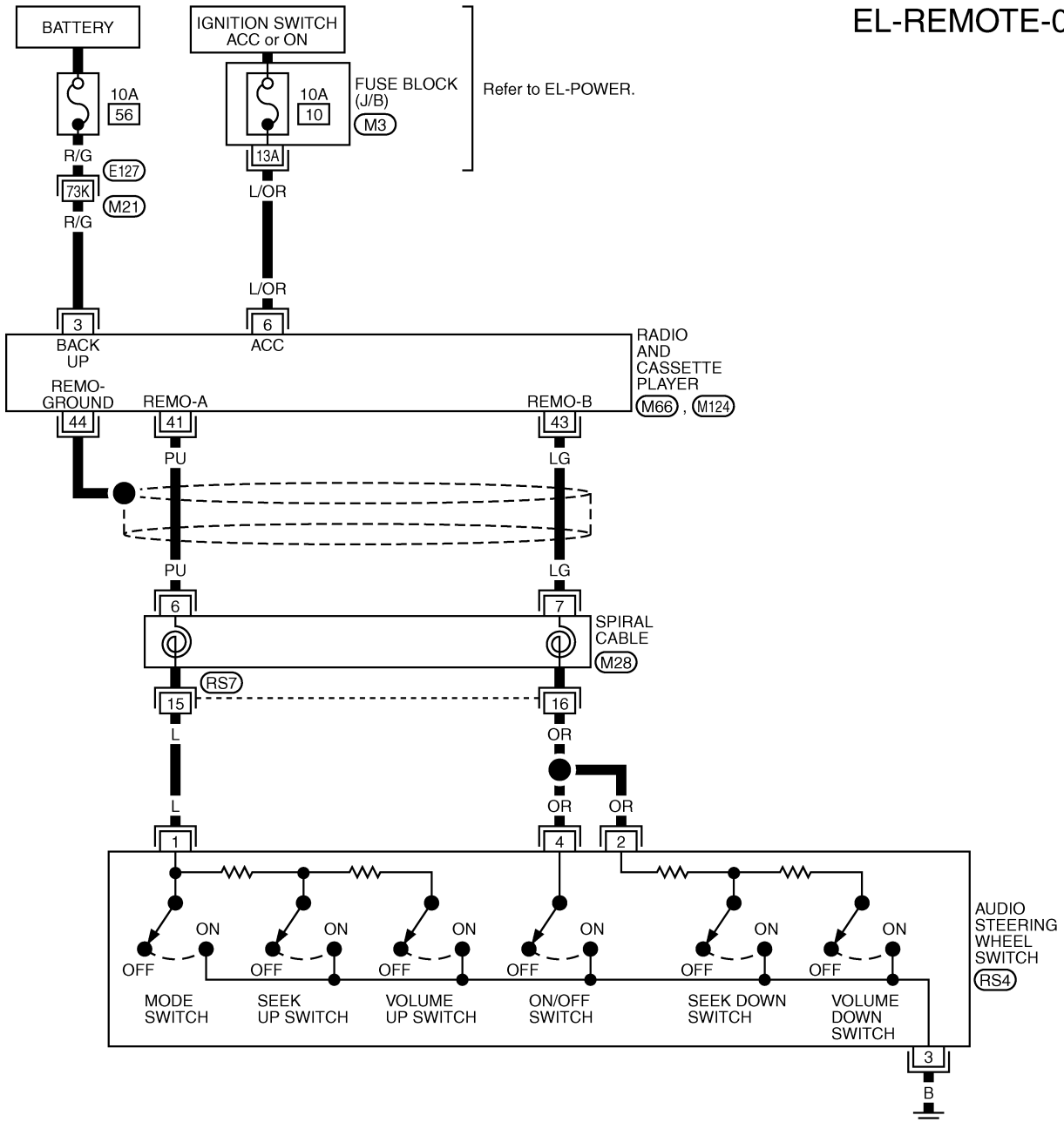
★: This connector is not shown in "HARNESS LAYOUT", EL section.

AUDIO

Wiring Diagram — REMOTE —

FM-AM TUNER RADIO WITH SUB-HARNESS

EL-REMOTE-01



★: This connector is not shown in "HARNESS LAYOUT", EL section.

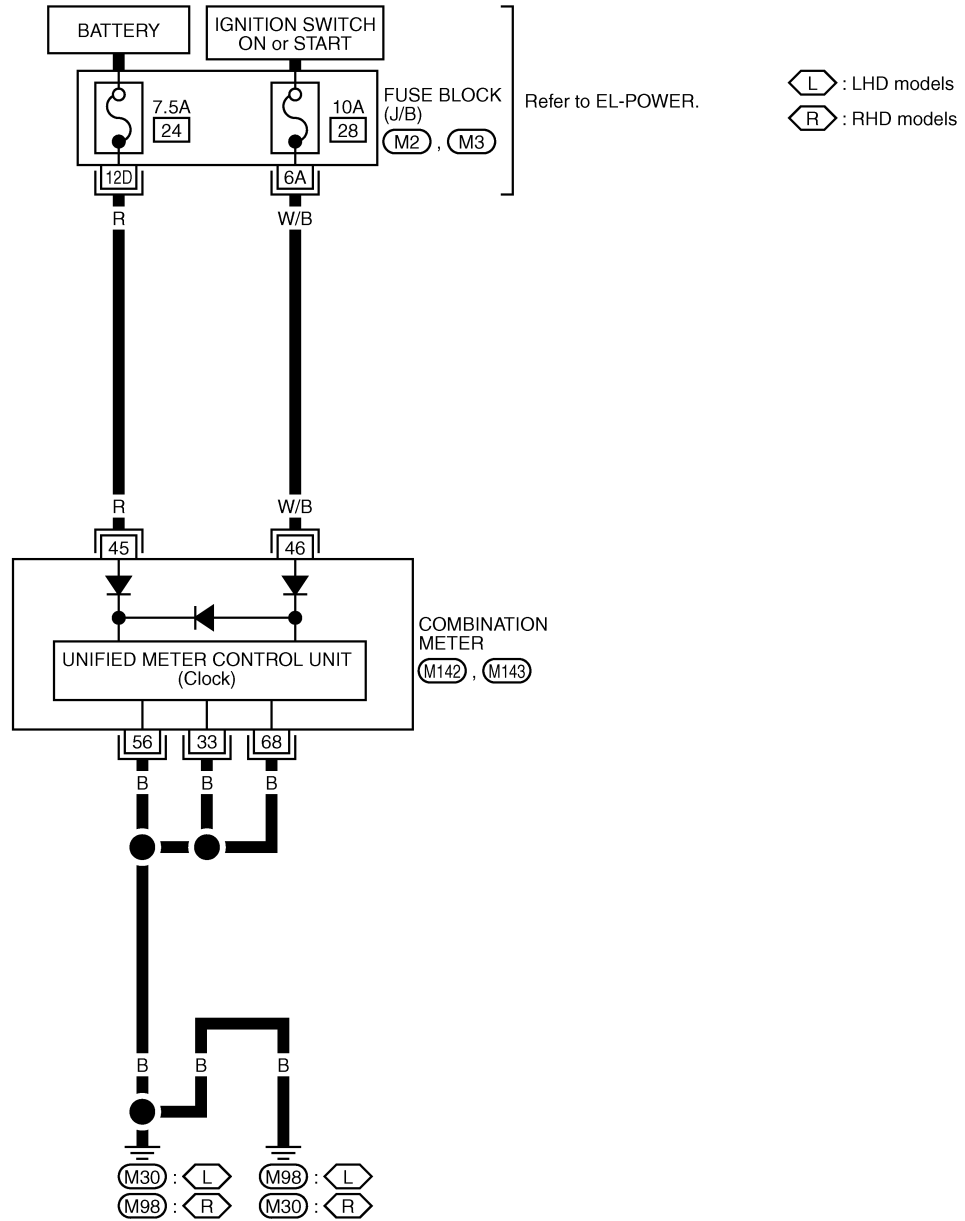
Refer to last page (Foldout page).

M21, E127
M3

CLOCK

Wiring Diagram — CLOCK —

EL-CLOCK-01



25	26	27	28	29	30	31	32	33	(M142)
34	35	36	37	38	39	40	41	42	BR

45	46	47	48	49	50	51	52	53	54	55	(M143)
56	57	58	59	60	61	62	63	64	65	66	BR

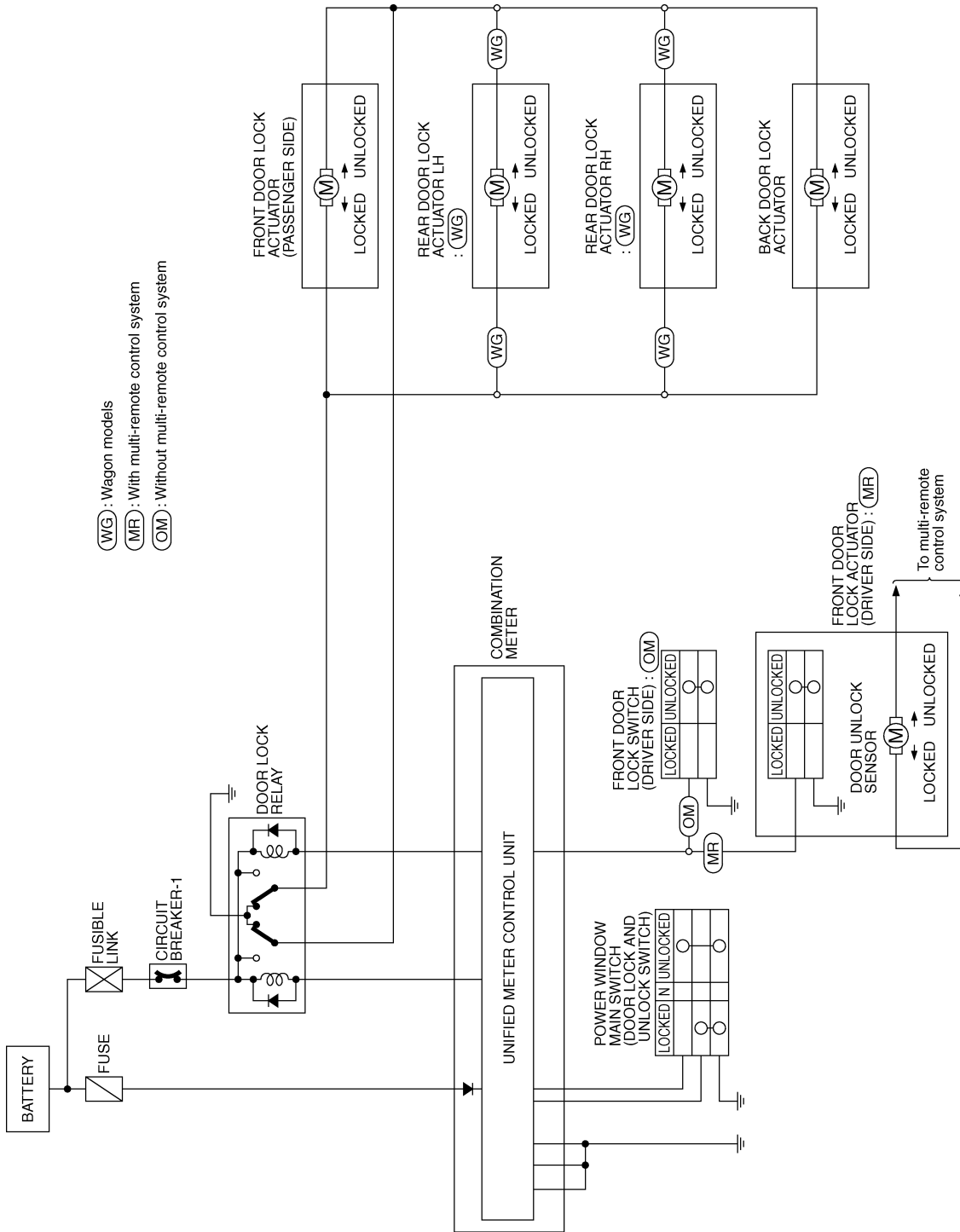
Refer to last page (Foldout page).

(M2)

(M3)

POWER DOOR LOCK

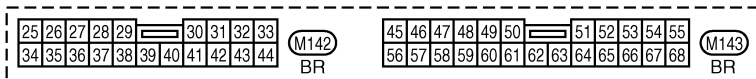
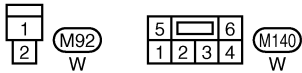
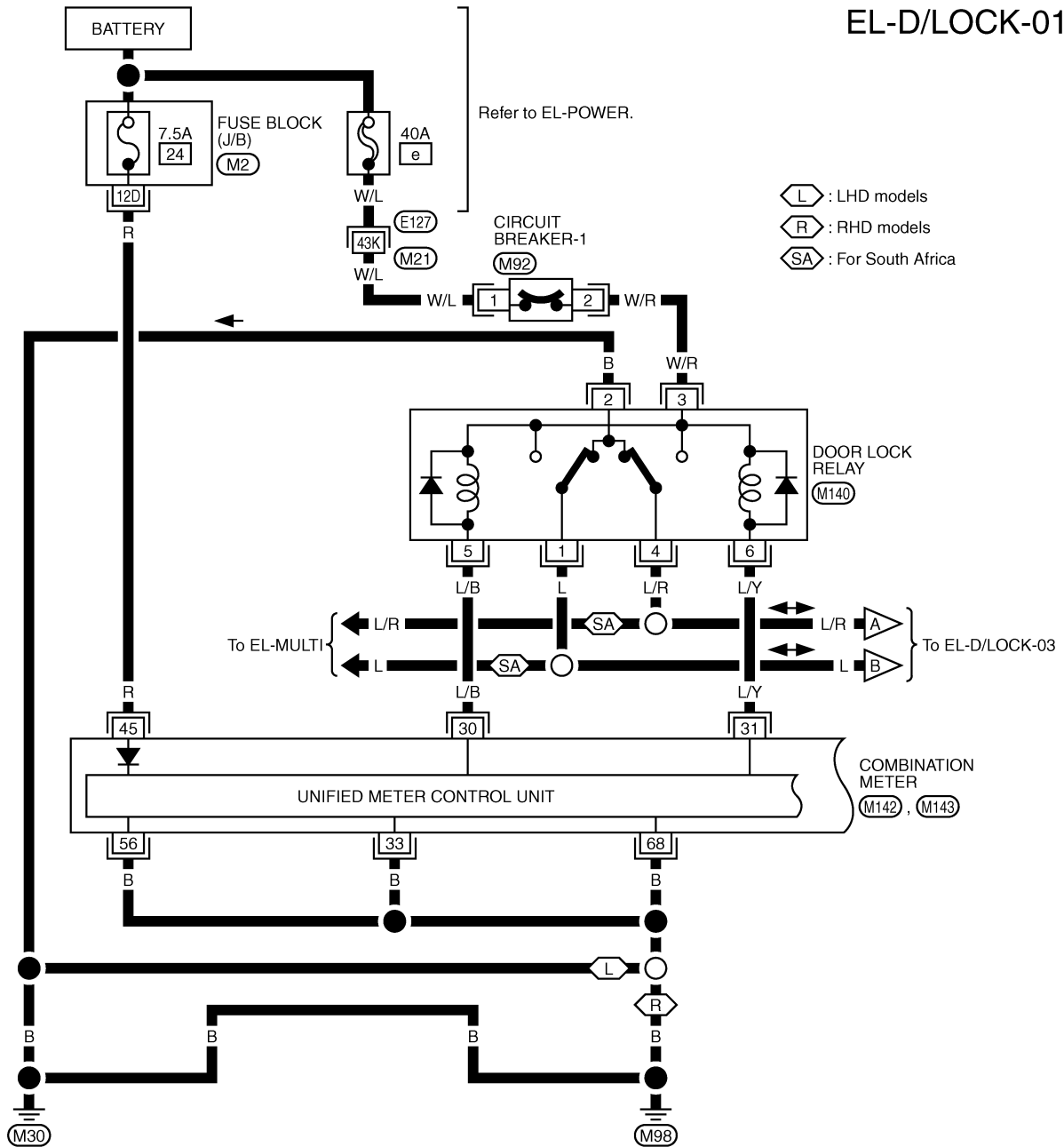
Schematic/Without Theft Warning System Models



POWER DOOR LOCK

Wiring Diagram — D/LOCK —/Without Theft Warning System Models

EL-D/LOCK-01



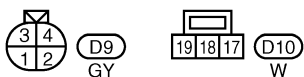
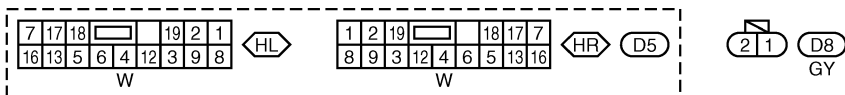
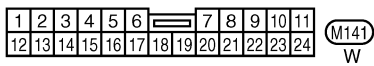
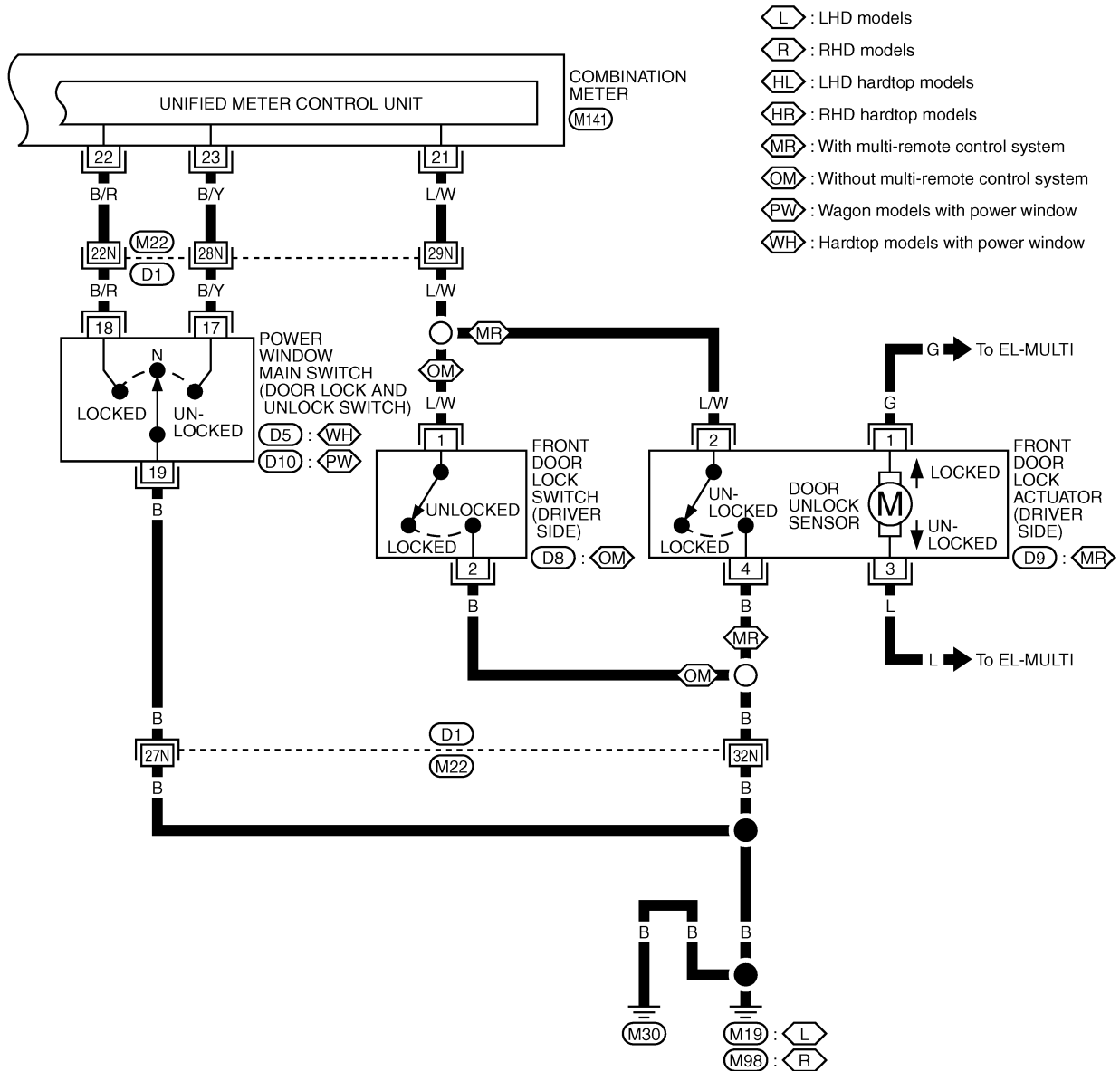
Refer to last page (Foldout page).

M21, E127

M2

Wiring Diagram — D/LOCK —/Without Theft Warning System Models (Cont'd)

EL-D/LOCK-02



Refer to last page (Foldout page).

(M22), (D1)

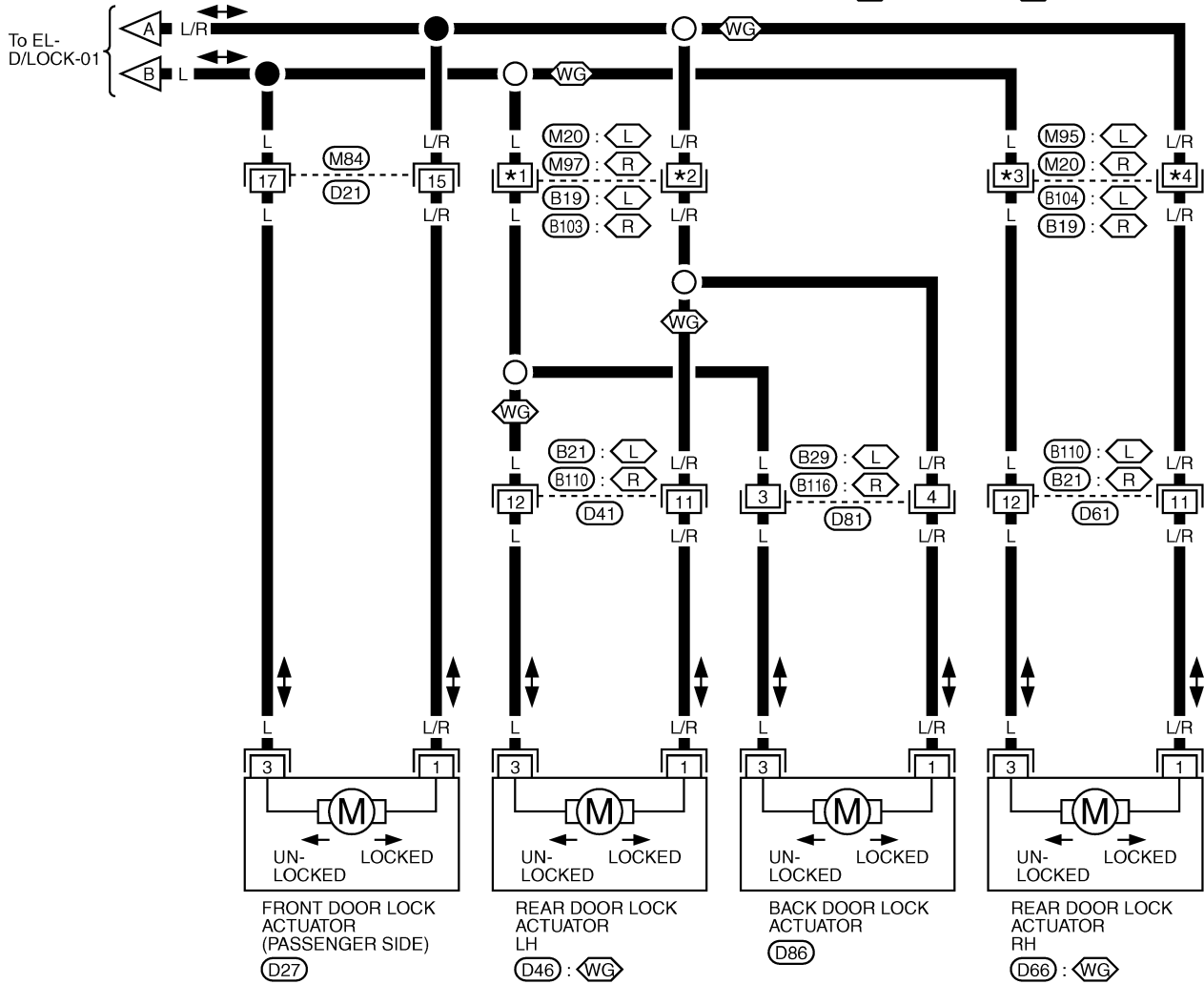
POWER DOOR LOCK

Wiring Diagram — D/LOCK —/Without Theft Warning System Models (Cont'd)

EL-D/LOCK-03

(L) : LHD models
 (R) : RHD models
 (WG) : Wagon models

*1 39M : (L) *3 3 : (L)
 13 : (R) 39M : (R)
 *2 43M : (L) *4 4 : (L)
 12 : (R) 43M : (R)



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

(M84), (B21), (B110)
W

1	2	3	4	5	6	7
8	9	10	11	12	13	14

(B103)
W

1	2	3	4
5	6	7	8

(B104)
W

3	4
1	2

(D27), (D46), (D66), (D86)
GY

1	2
3	4

(D81)
W

Refer to last page (Foldout page).

(M20), (B19)

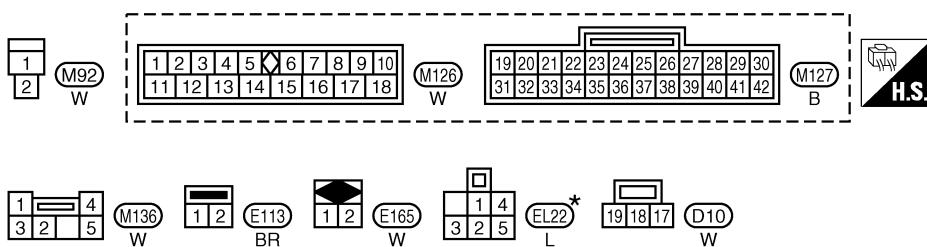
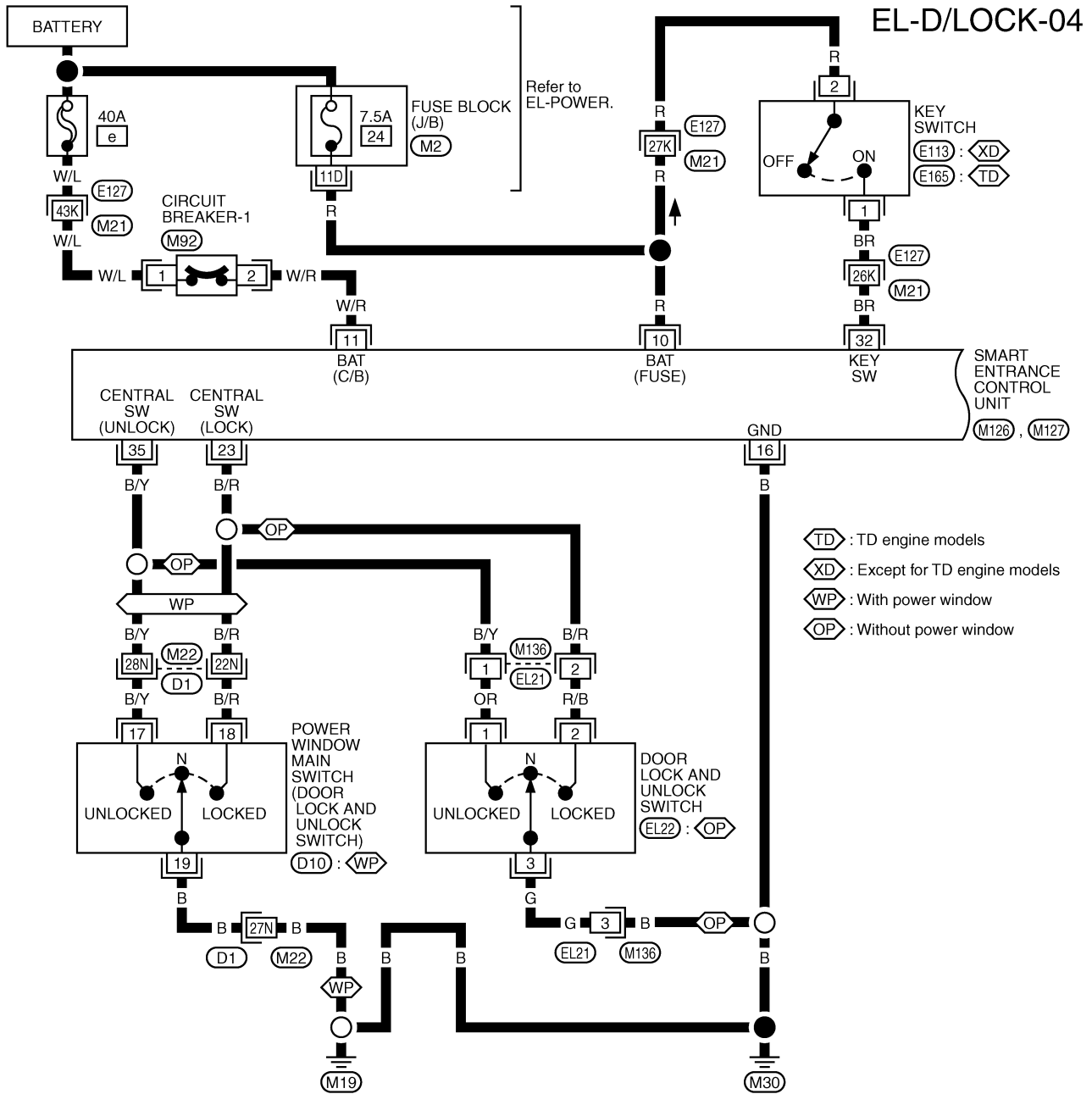
Schematic/With Theft Warning System Models



POWER DOOR LOCK

Wiring Diagram — D/LOCK —/With Theft Warning System Models

LHD MODELS



Refer to last page (Foldout page).

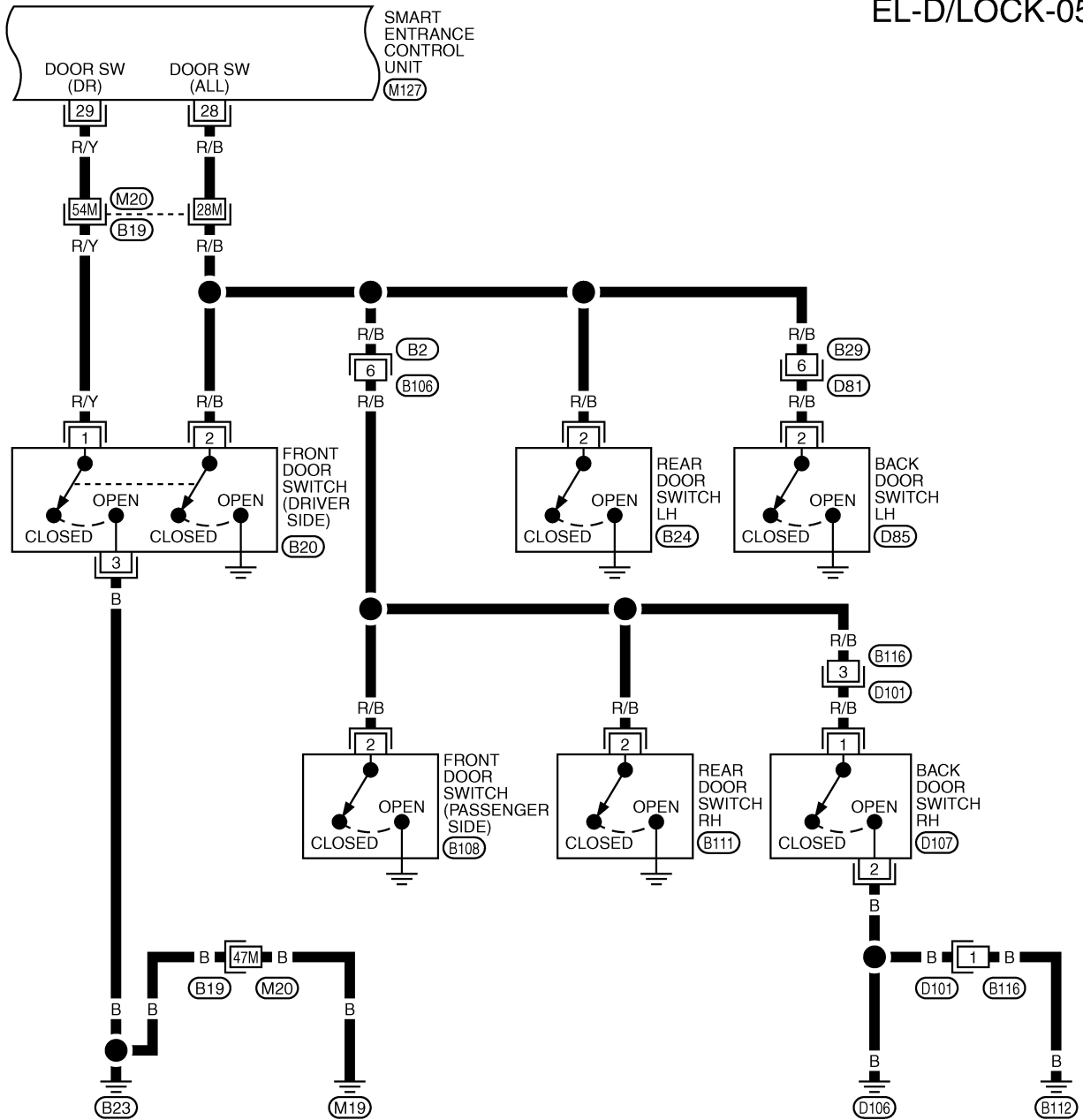
M21 : E127
M22 : D1
M2

★: This connector is not shown in "HARNESS LAYOUT", EL section.

POWER DOOR LOCK

Wiring Diagram — D/LOCK —/With Theft Warning System Models (Cont'd)

EL-D/LOCK-05



19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42

M127
B



1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

B2
W

1	2	3
---	---	---

B20, B24, B108, B111, D85
B B B B B

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

D81, D101
W W

1	2
---	---

D107
W

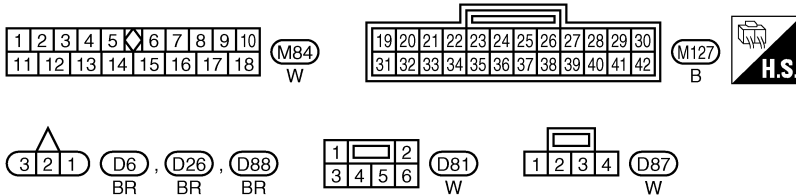
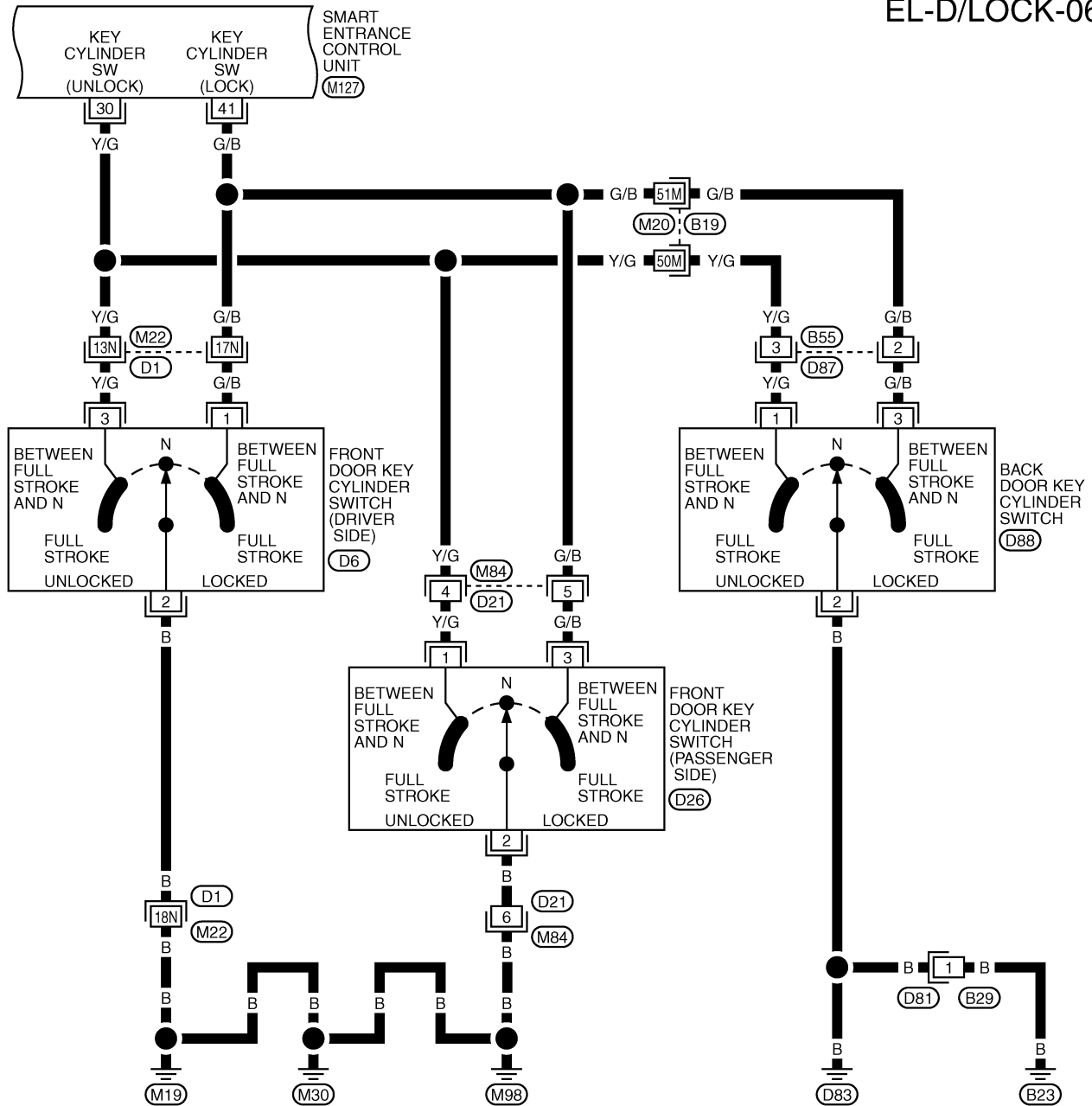
Refer to last page (Foldout page).

M20, B19

POWER DOOR LOCK

Wiring Diagram — D/LOCK —/With Theft Warning System Models (Cont'd)

EL-D/LOCK-06



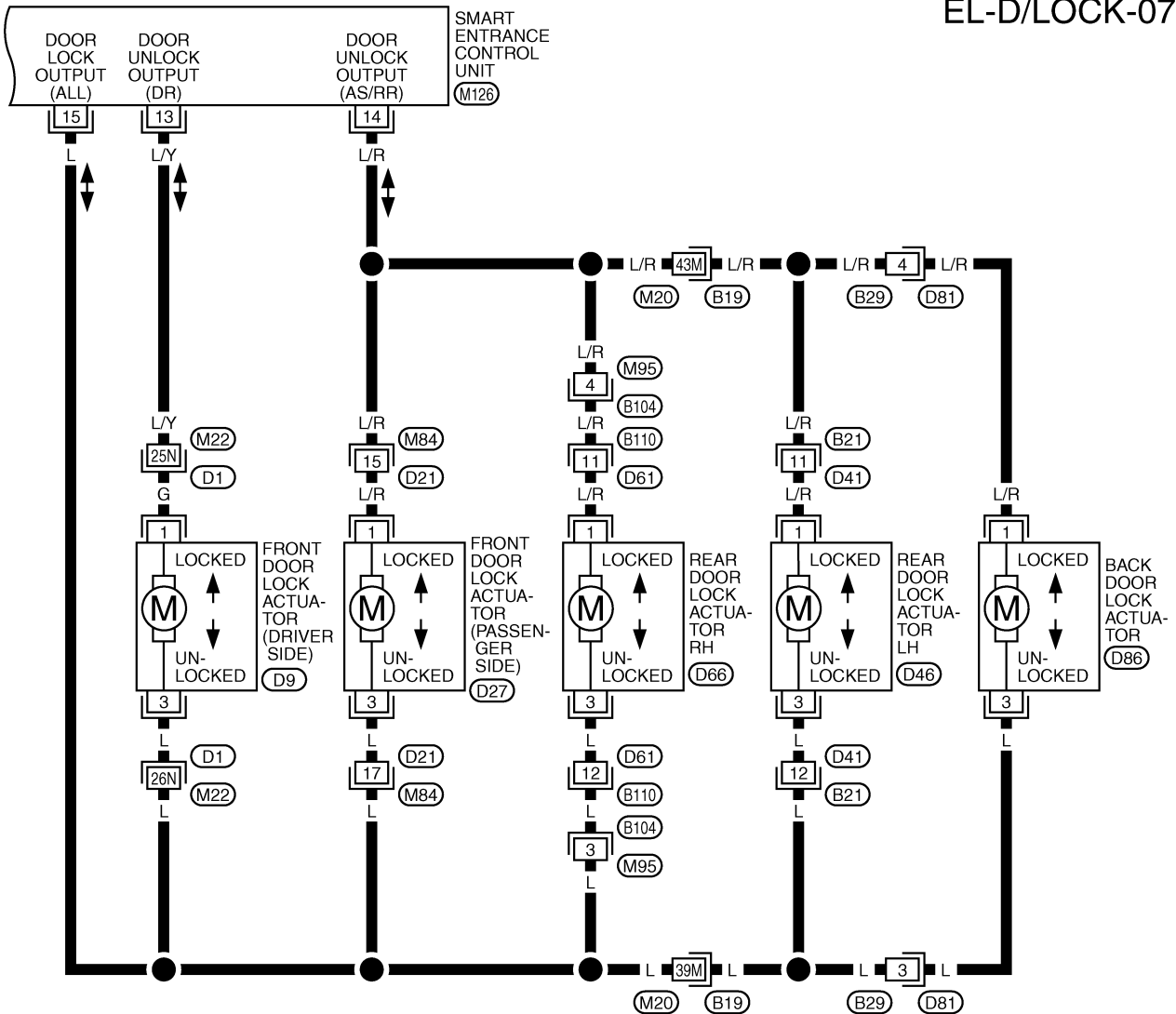
Refer to last page (Foldout page).

M20 : B19
M22 : D1

POWER DOOR LOCK

Wiring Diagram — D/LOCK —/With Theft Warning System Models (Cont'd)

EL-D/LOCK-07



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

M84, B21, B110
W W W

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

M126
W



1	2	3	4
5	6	7	8

B104
W

3	4
1	2

D9, D27, D46, D66, D86
GY GY GY GY GY

1	2
3	4

D81
W

Refer to last page (Foldout page).

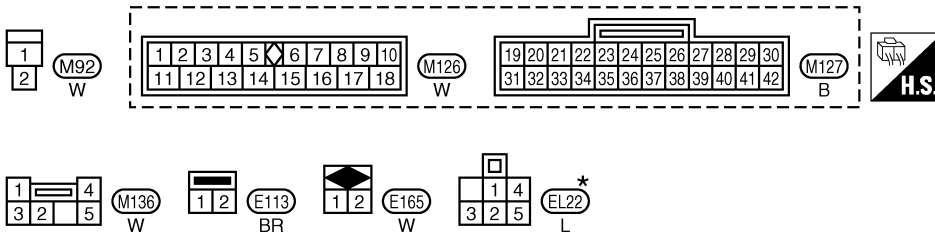
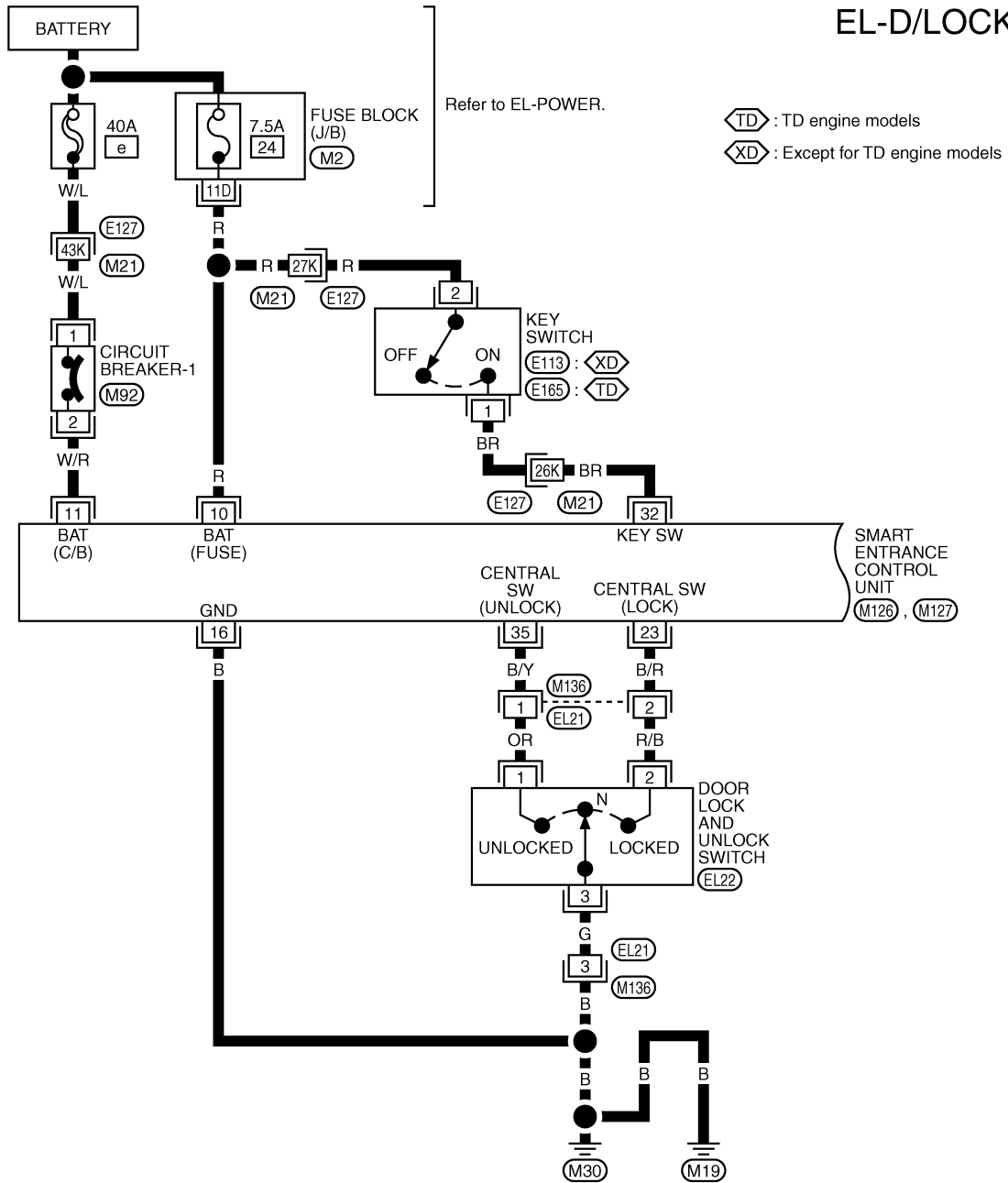
M20, B19
M22, D1

POWER DOOR LOCK

Wiring Diagram — D/LOCK —/With Theft Warning System Models (Cont'd)

RHD MODELS

EL-D/LOCK-08



Refer to last page (Foldout page).

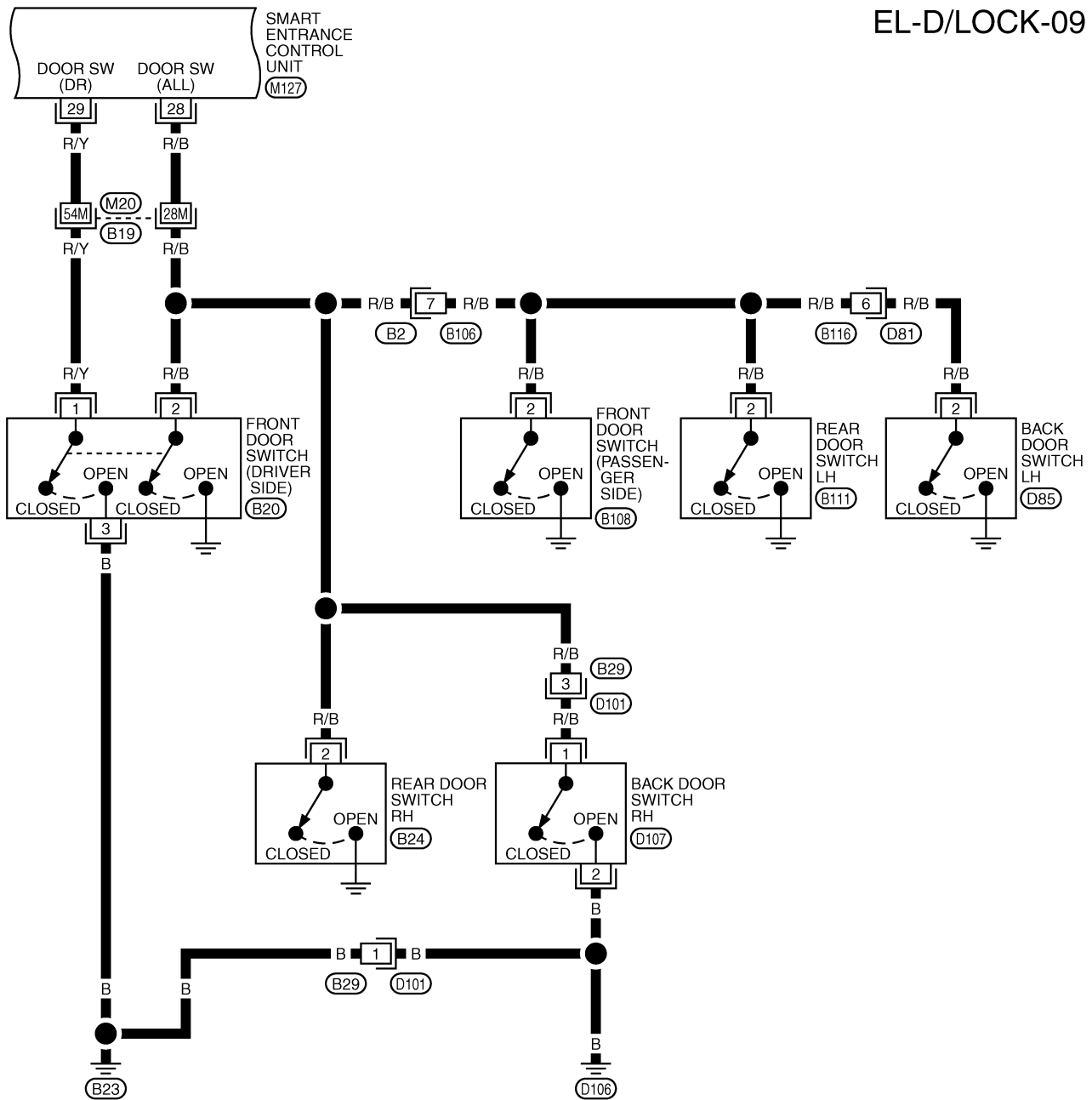
(M21), (E127)
(M2)

★: This connector is not shown in "HARNESS LAYOUT", EL section.

POWER DOOR LOCK

Wiring Diagram — D/LOCK —/With Theft Warning System Models (Cont'd)

EL-D/LOCK-09



19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42

(M127)
B



1	2	3	4
5	6	7	8
9	10		

(B2)
W

1	2
3	

(B20)

(B24)

(B108)

(B111)

(D85)

1	2
3	4
5	6

(D81)

(D101)

1
2

(D107)
W

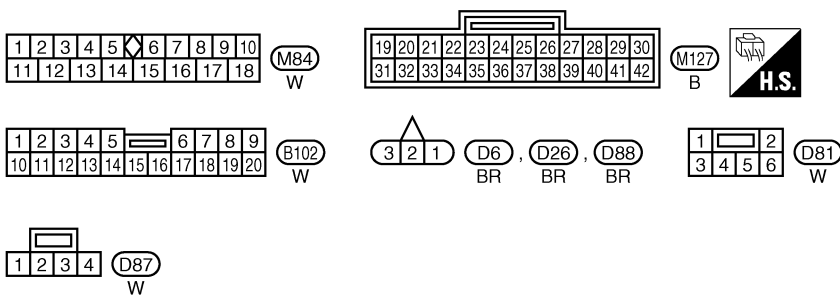
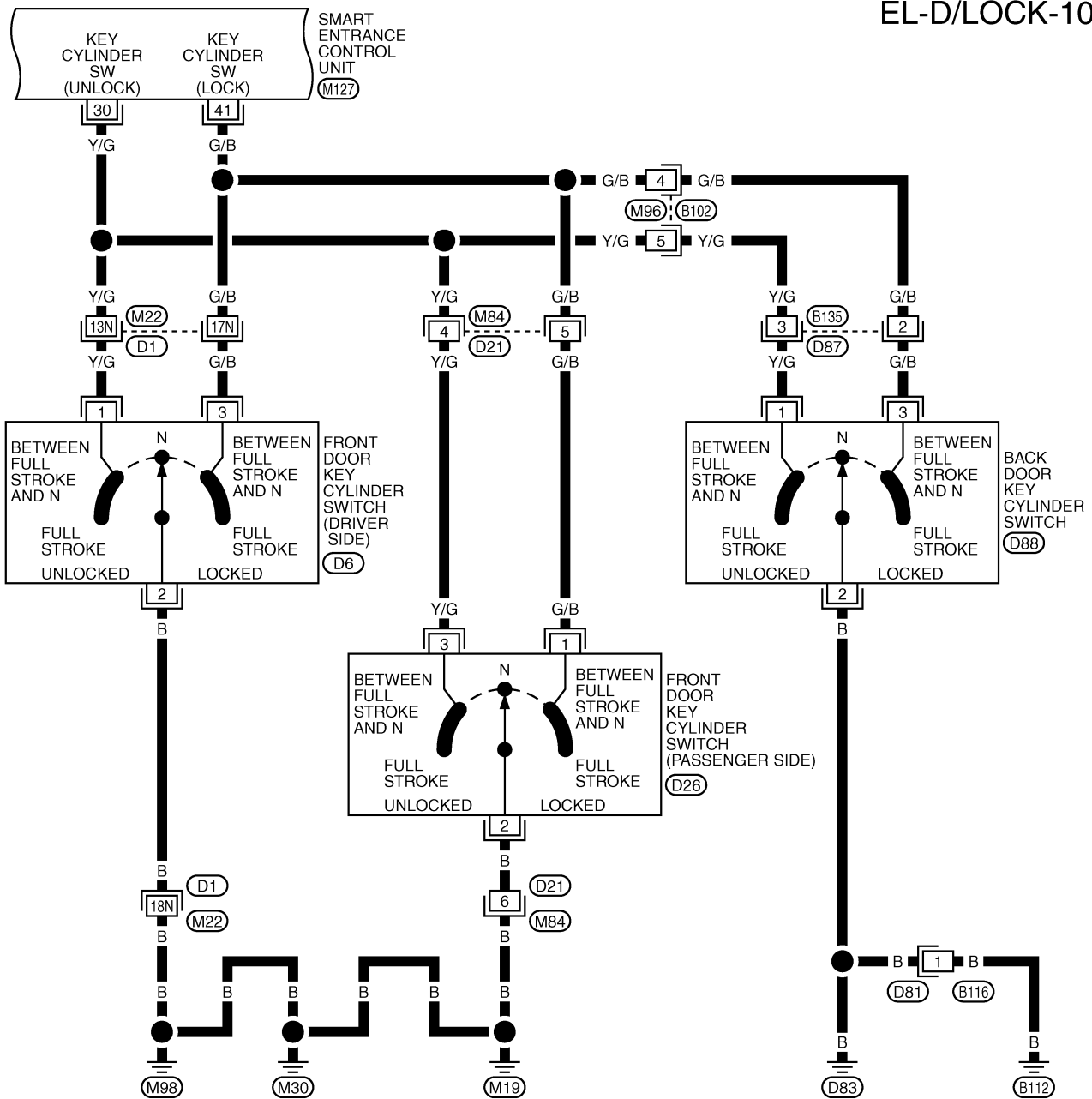
Refer to last page (Foldout page).

(M20) , (B19)

POWER DOOR LOCK

Wiring Diagram — D/LOCK —/With Theft Warning System Models (Cont'd)

EL-D/LOCK-10



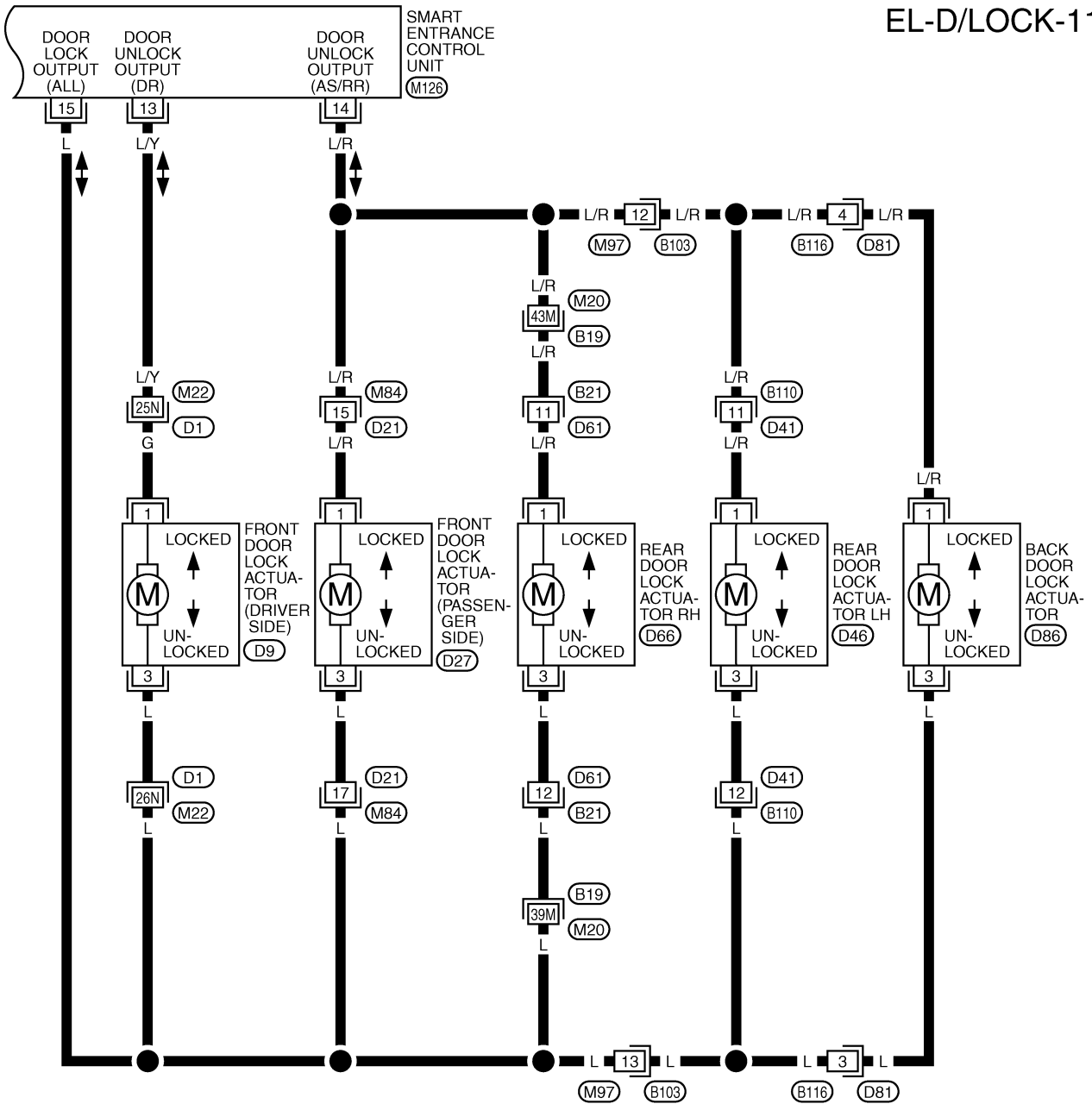
Refer to last page (Foldout page).

(M22), (D1)

POWER DOOR LOCK

Wiring Diagram — D/LOCK —/With Theft Warning System Models (Cont'd)

EL-D/LOCK-11



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

(M84), (B21), (B110)
W W W

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

(M126) H.S.
W

1	2	3	4	5	6	7
8	9	10	11	12	13	14

(B103)
W



(D9), (D27), (D46), (D66), (D86)
GY GY GY GY GY

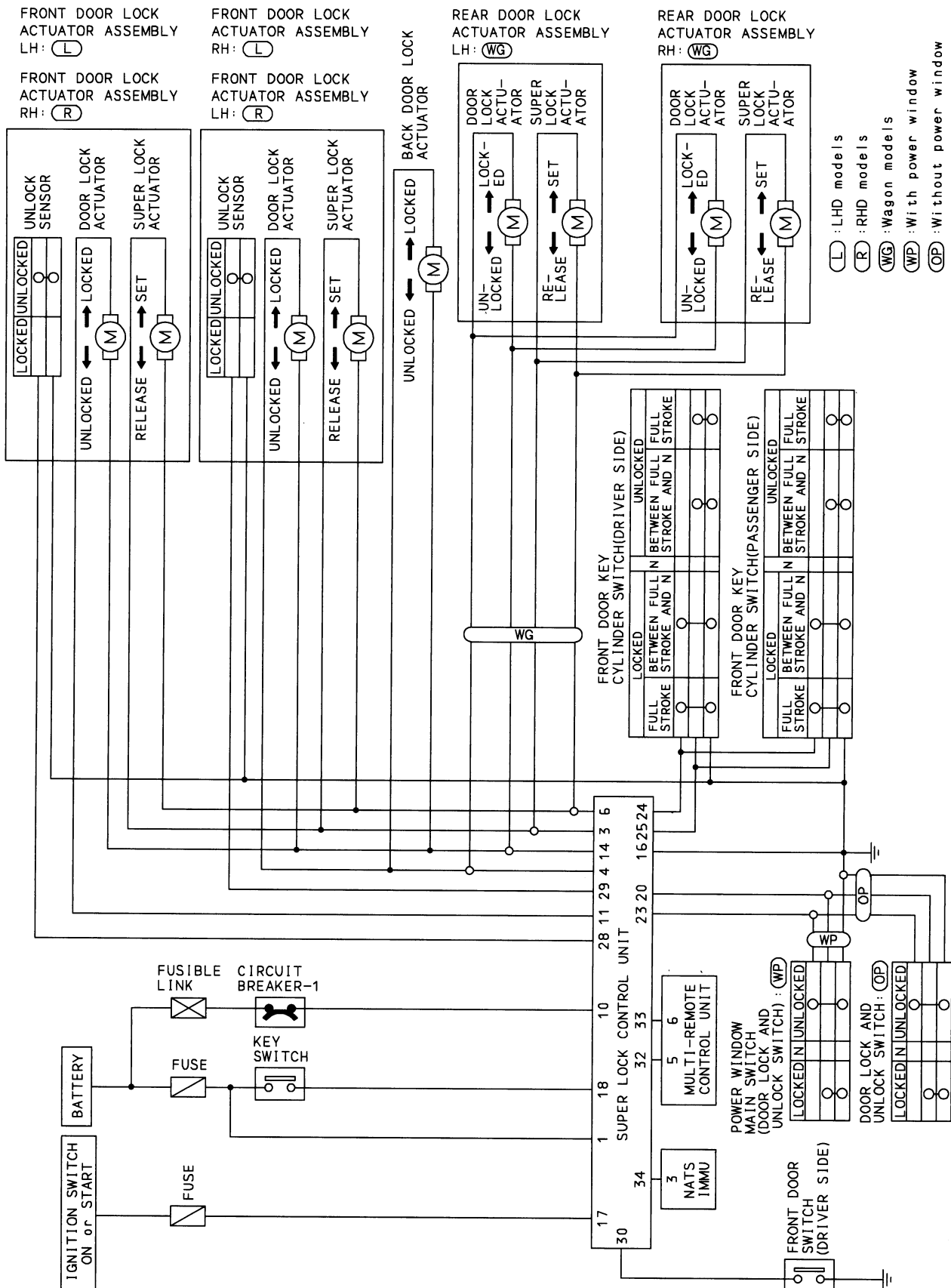
1	2
3	4

(D81)
W

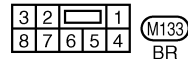
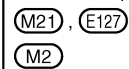
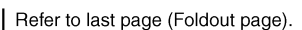
Refer to last page (Foldout page).

(M20), (B19)
(M22), (D1)

Schematic



EL-S/LOCK-01



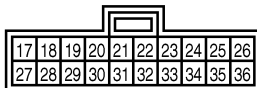
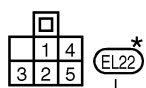
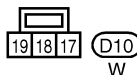
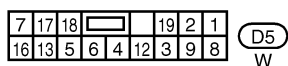
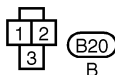
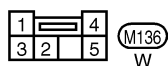
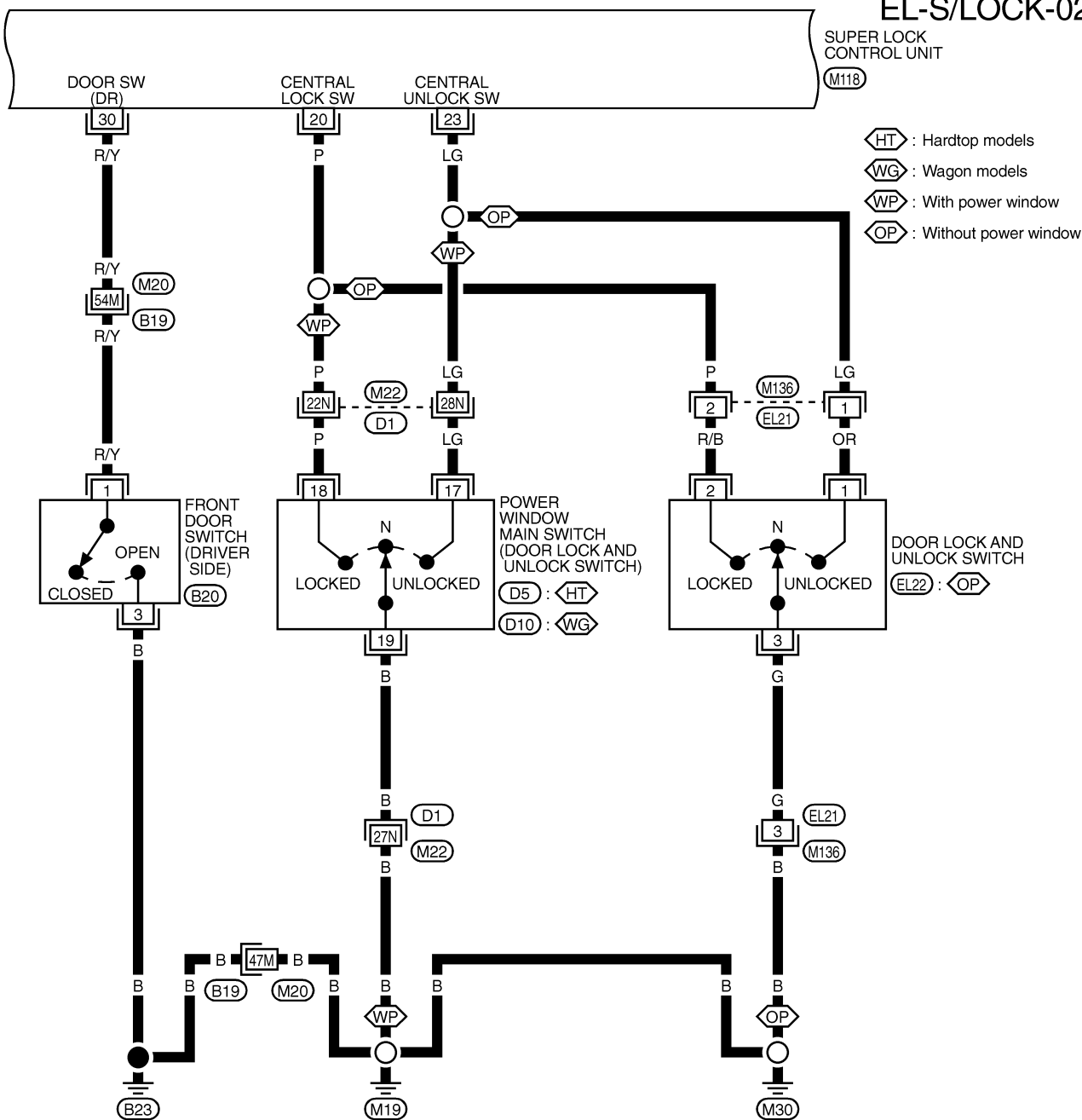
POWER DOOR LOCK — Super Lock —

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

EL-S/LOCK-02

SUPER LOCK
CONTROL UNIT

(M118)



Refer to last page (Foldout page).

M20, B19

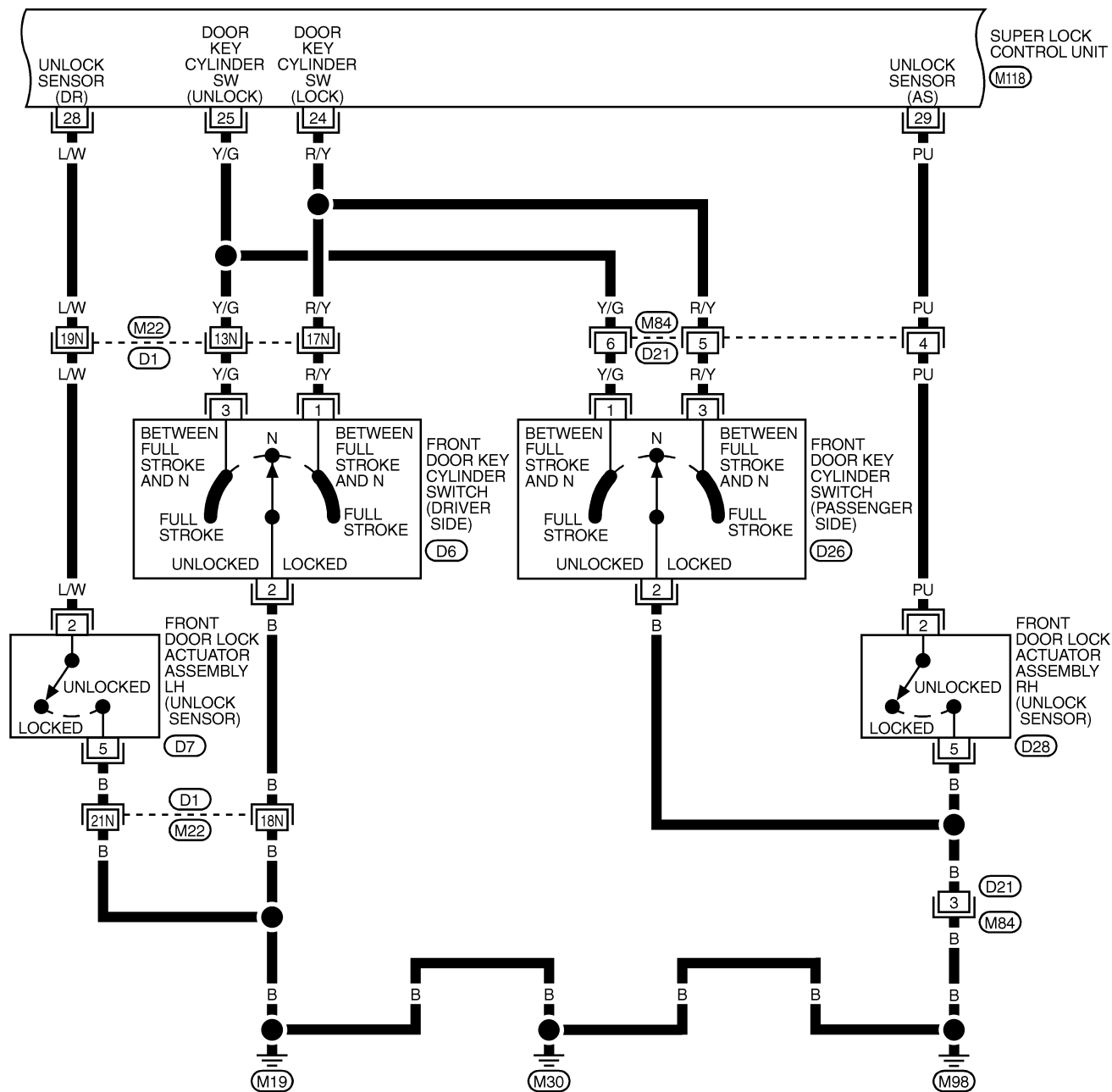
M22, D1

★: This connector is not shown in "HARNESS LAYOUT", EL section.

POWER DOOR LOCK — Super Lock —

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

EL-S/LOCK-03



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

(M84)
W



(D6), (D26)
BR BR



(D7)
B



(D28)
B

Refer to last page (Foldout page).

(M22), (D1)

17	18	19	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34	35	36

(M118)
GY

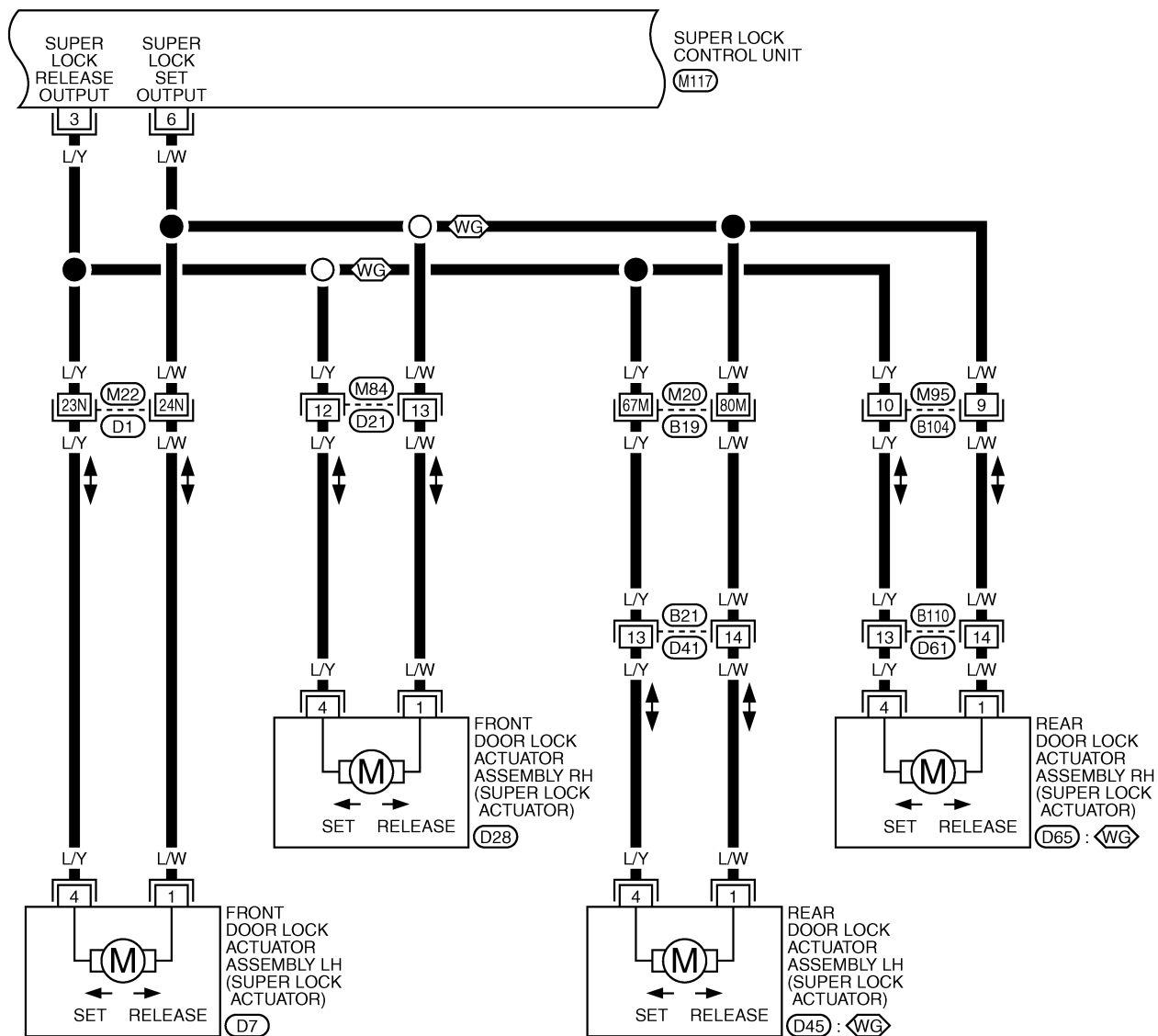


POWER DOOR LOCK — Super Lock —

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

EL-S/LOCK-04

WG : Wagon models



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

M84, B21, B110
W W W

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

M117
GY



1	2	3	4
5	6	7	8

B104
W

1	2	3
4	5	6

D7, D45
B B

6	2	4
3	5	1

D28, D65
B B

Refer to last page (Foldout page).

M20, B19

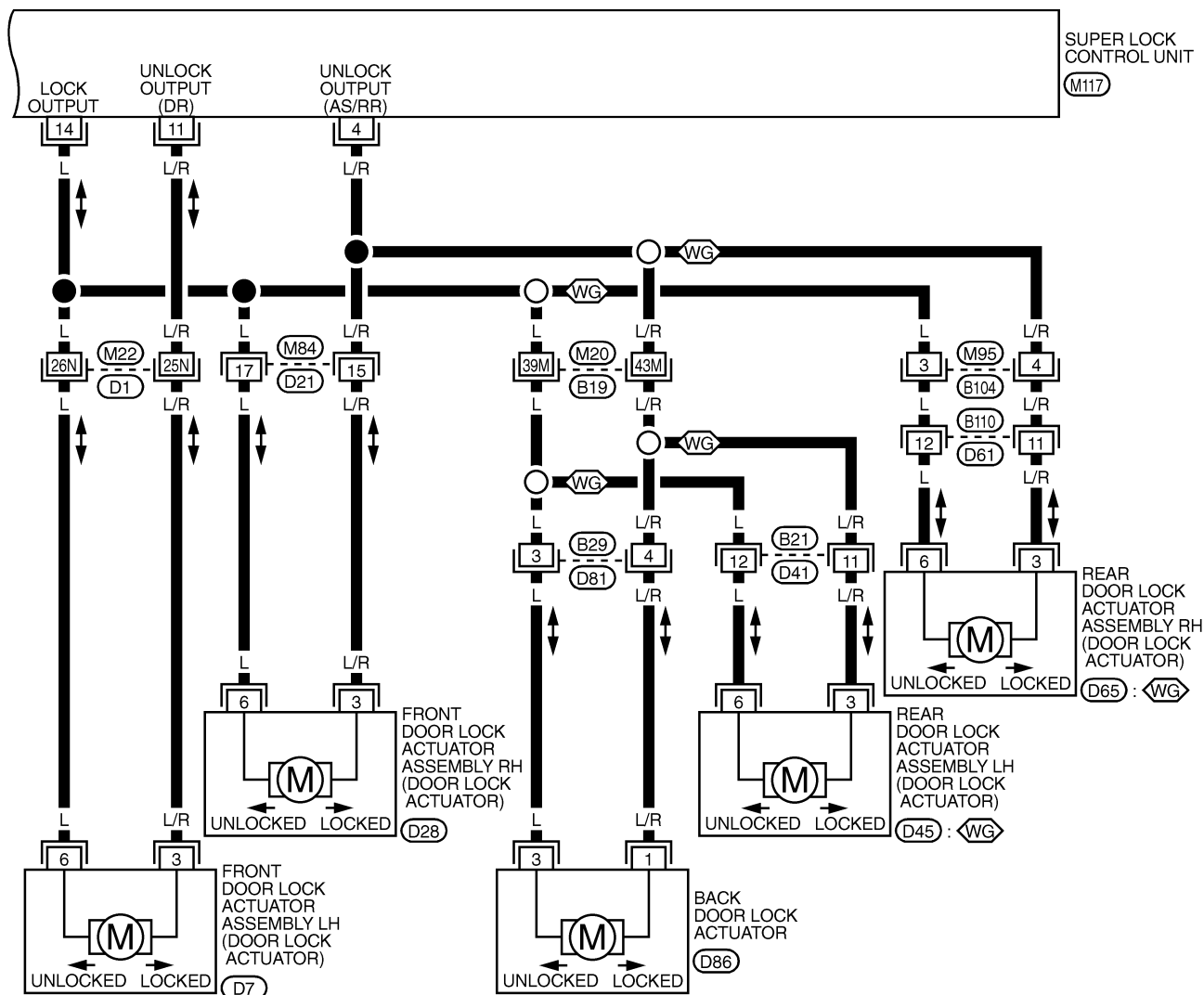
M22, D1

POWER DOOR LOCK — Super Lock —

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

EL-S/LOCK-05

WG : Wagon models



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

M84, B21, B110
W W W

1	2	3	4
5	6	7	8

B104
W

1	2	3
4	5	6

D7, D45
B B

Refer to last page (Foldout page).

M20, B19
M22, D1

6	2	4
3	5	1

D28, D65
B B

1	2
3	4

D81
W

3	4
1	2

D86
GY

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

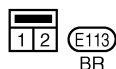
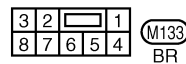
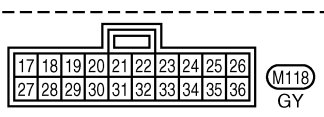
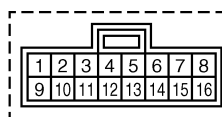
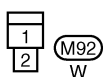
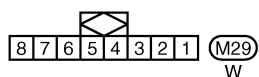
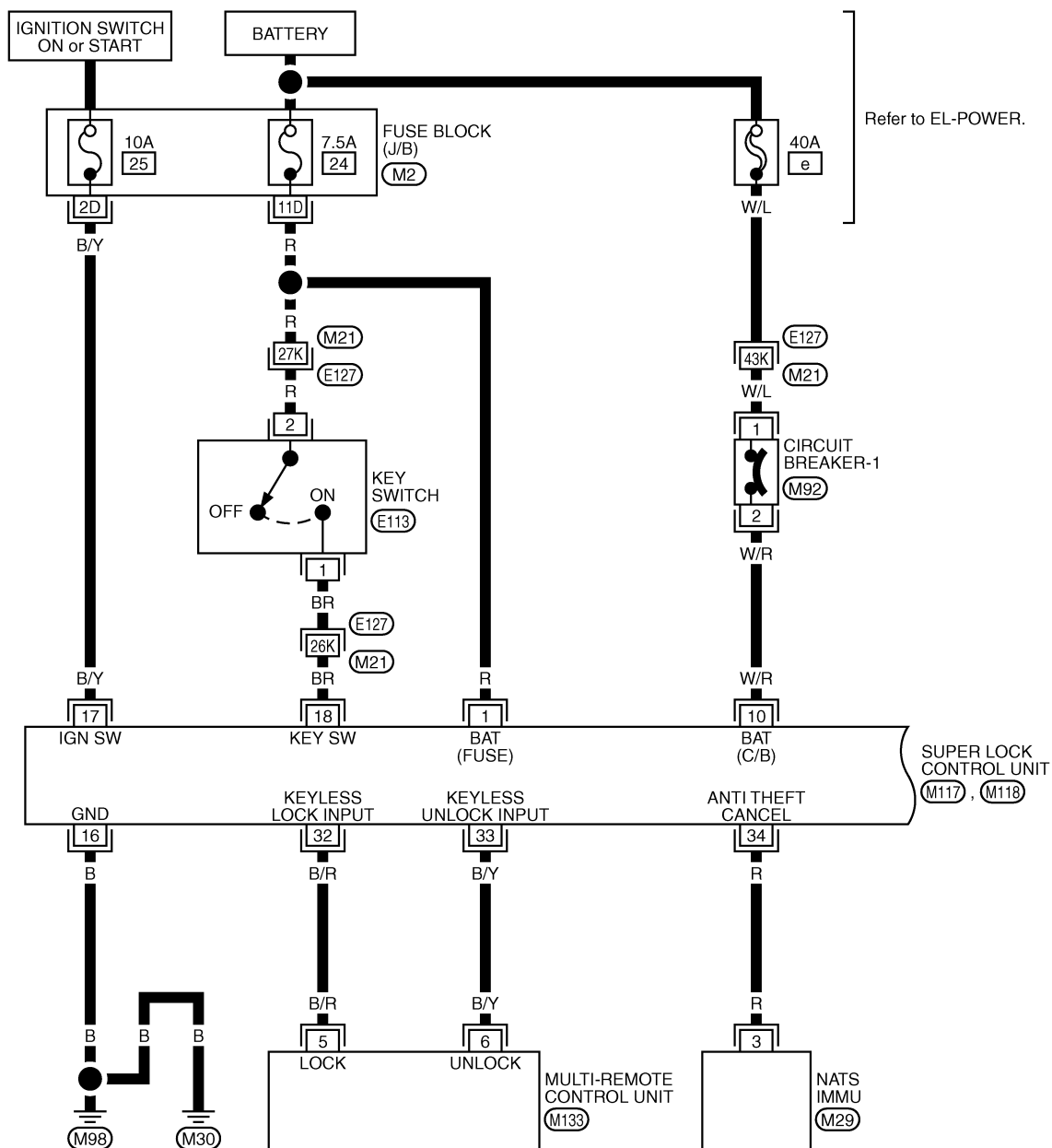
M117
GY



POWER DOOR LOCK — Super Lock —

Wiring Diagram — S/LOCK —/RHD Models

EL-S/LOCK-06



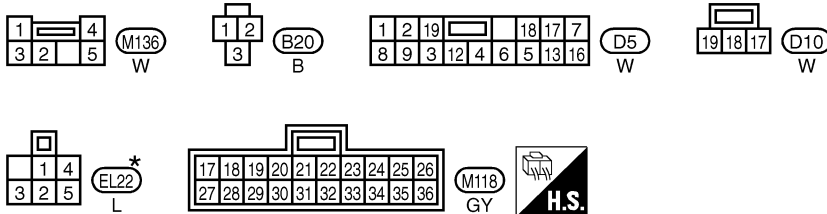
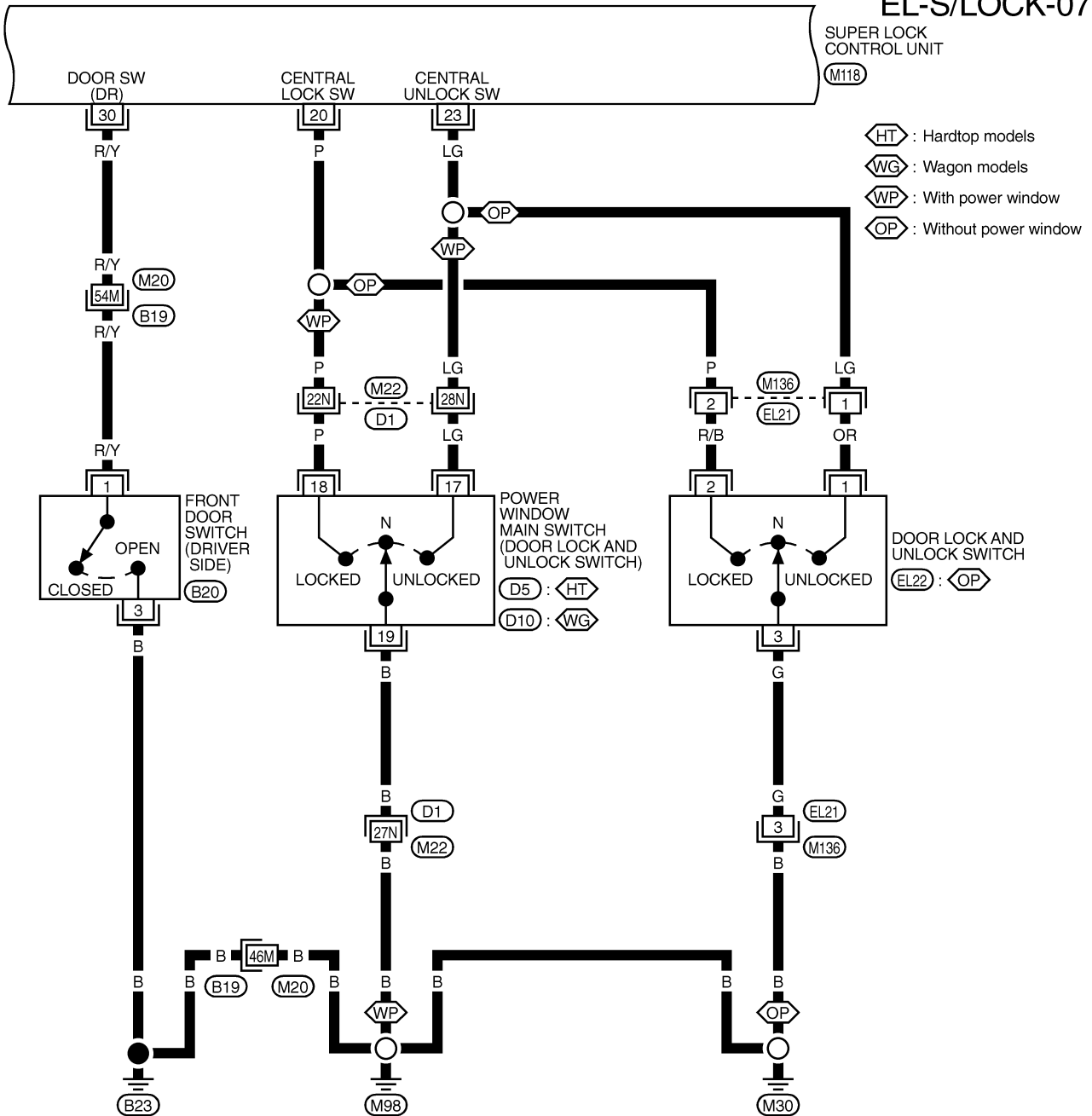
TEL796M

POWER DOOR LOCK — Super Lock —

Wiring Diagram — S/LOCK —/RHD Models (Cont'd)

EL-S/LOCK-07

SUPER LOCK
CONTROL UNIT
(M118)



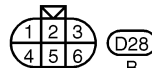
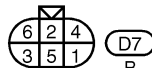
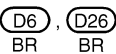
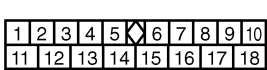
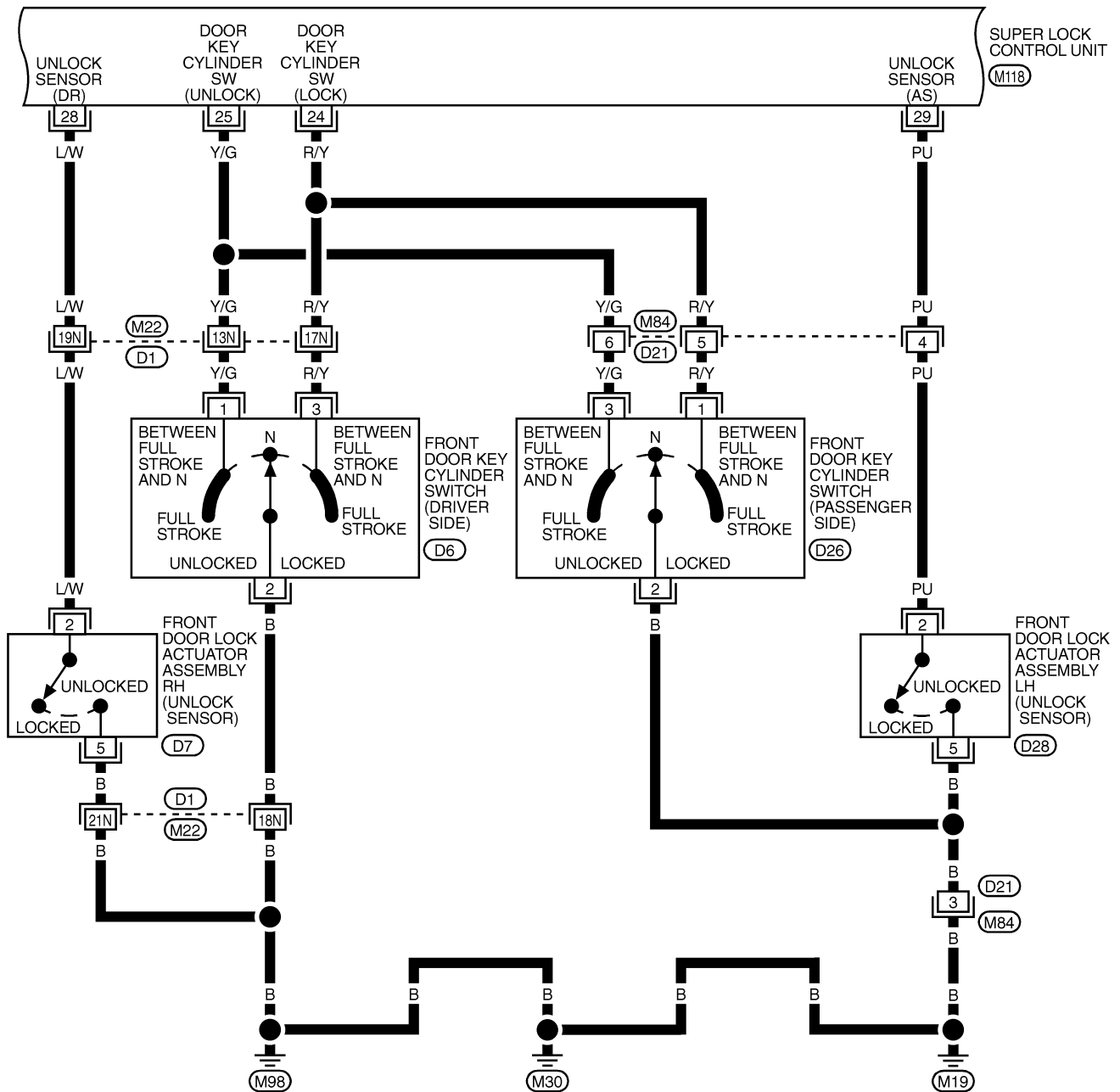
Refer to last page (Foldout page).

M20, B19
M22, D1

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

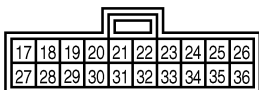
Wiring Diagram — S/LOCK —/RHD Models (Cont'd)

EL-S/LOCK-08



Refer to last page (Foldout page).

(M22), (D1)

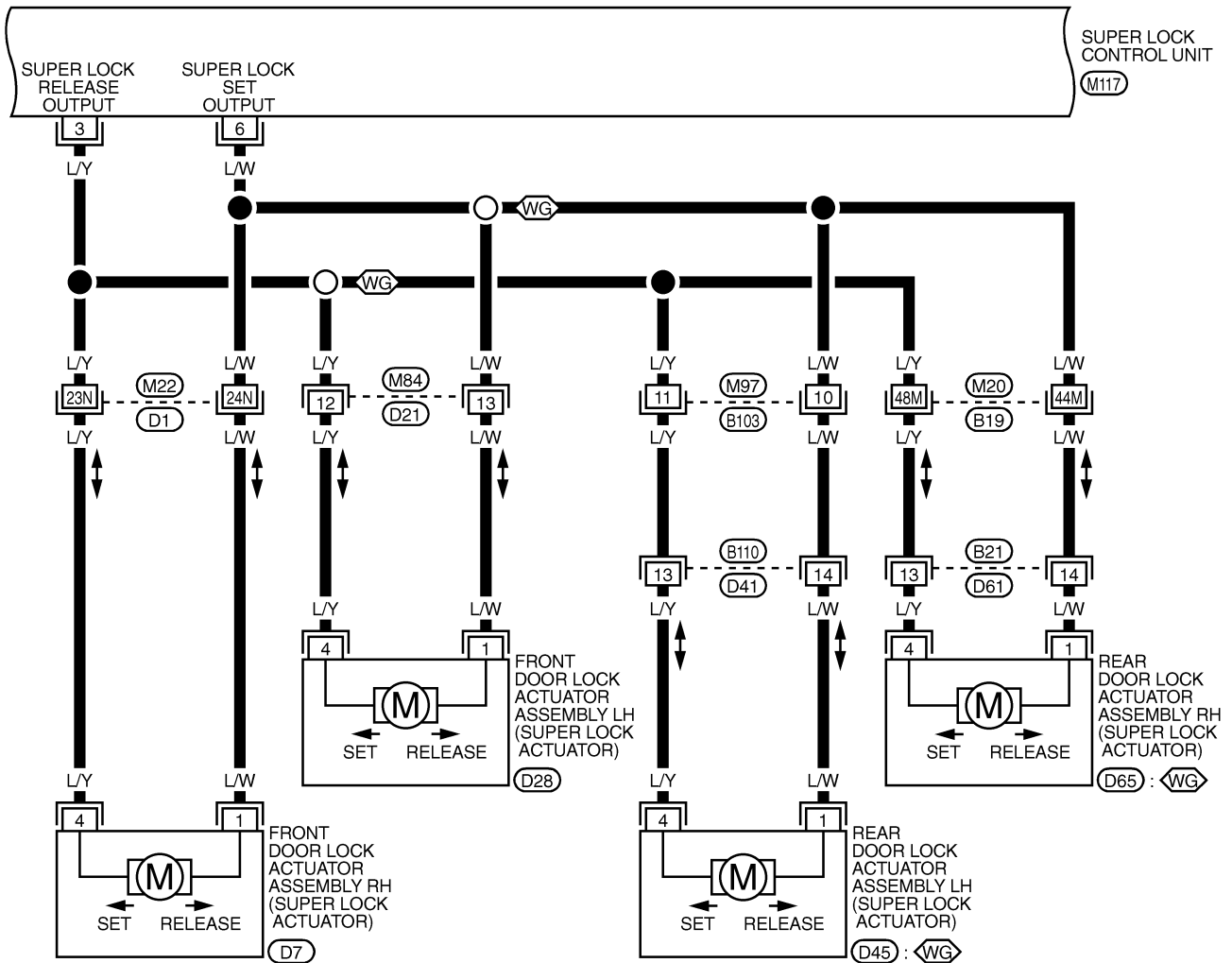


POWER DOOR LOCK — Super Lock —

Wiring Diagram — S/LOCK —/RHD Models (Cont'd)

EL-S/LOCK-09

WG : Wagon models



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

M84, B21, B110
W W W

1	2	3	4	5	6	7
8	9	10	11	12	13	14

B103
W

6	2	4
3	5	1

D7, D65
B B

1	2	3
4	5	6

D28, D45
B B

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

M117
GY



Refer to last page (Foldout page).

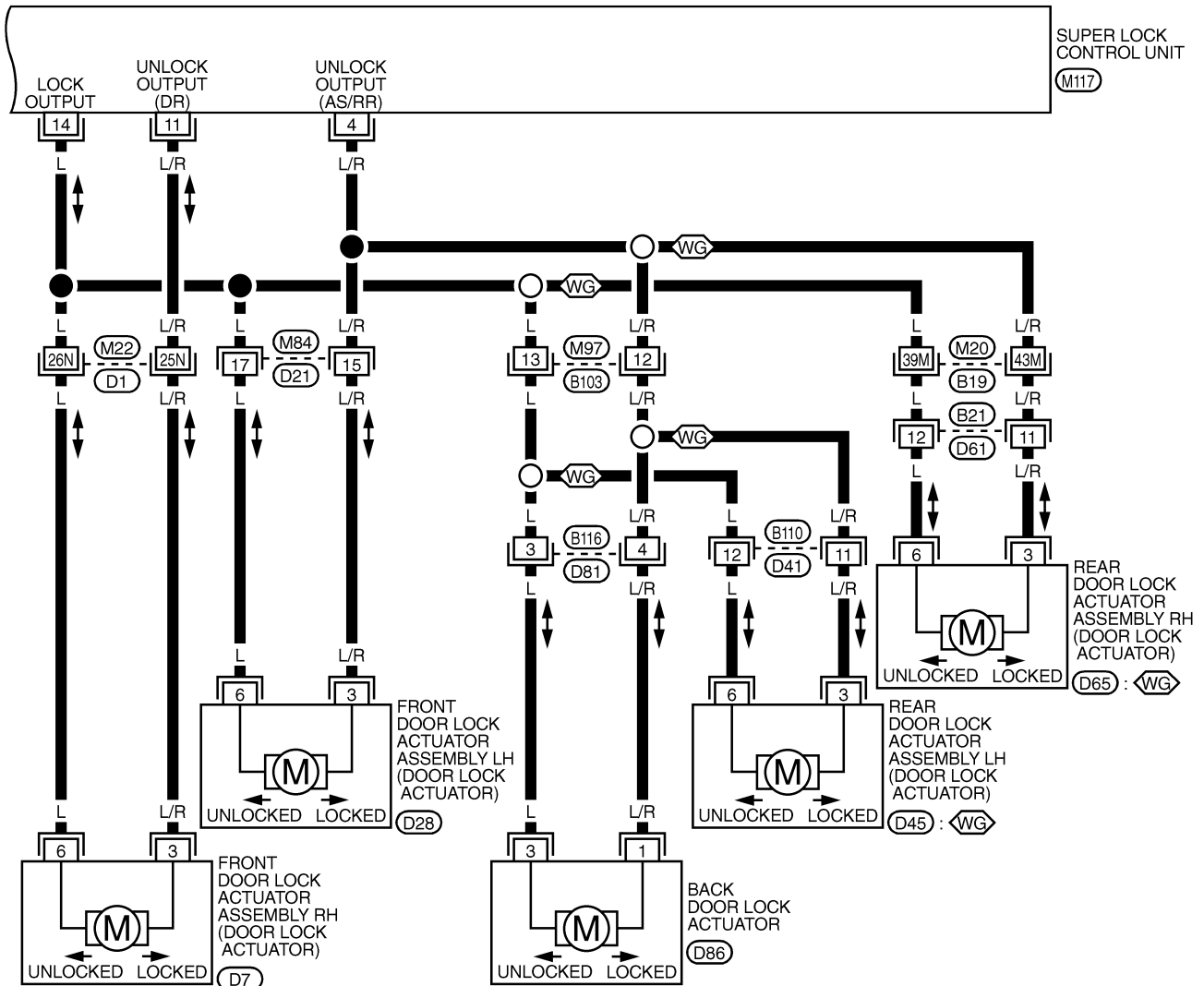
M20, B19
M22, D1

POWER DOOR LOCK — Super Lock —

Wiring Diagram — S/LOCK —/RHD Models (Cont'd)

EL-S/LOCK-10

WG : Wagon models



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

M84, B21, B110
W W W

1	2	3	4	5	6	7
8	9	10	11	12	13	14

B103
W

6	2	4
3	5	1

D7, D65
B B

1	2	3
4	5	6

D28, D45
B B

1	2
3	4

D81
W

3	4
1	2

D86
GY

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

M117
GY



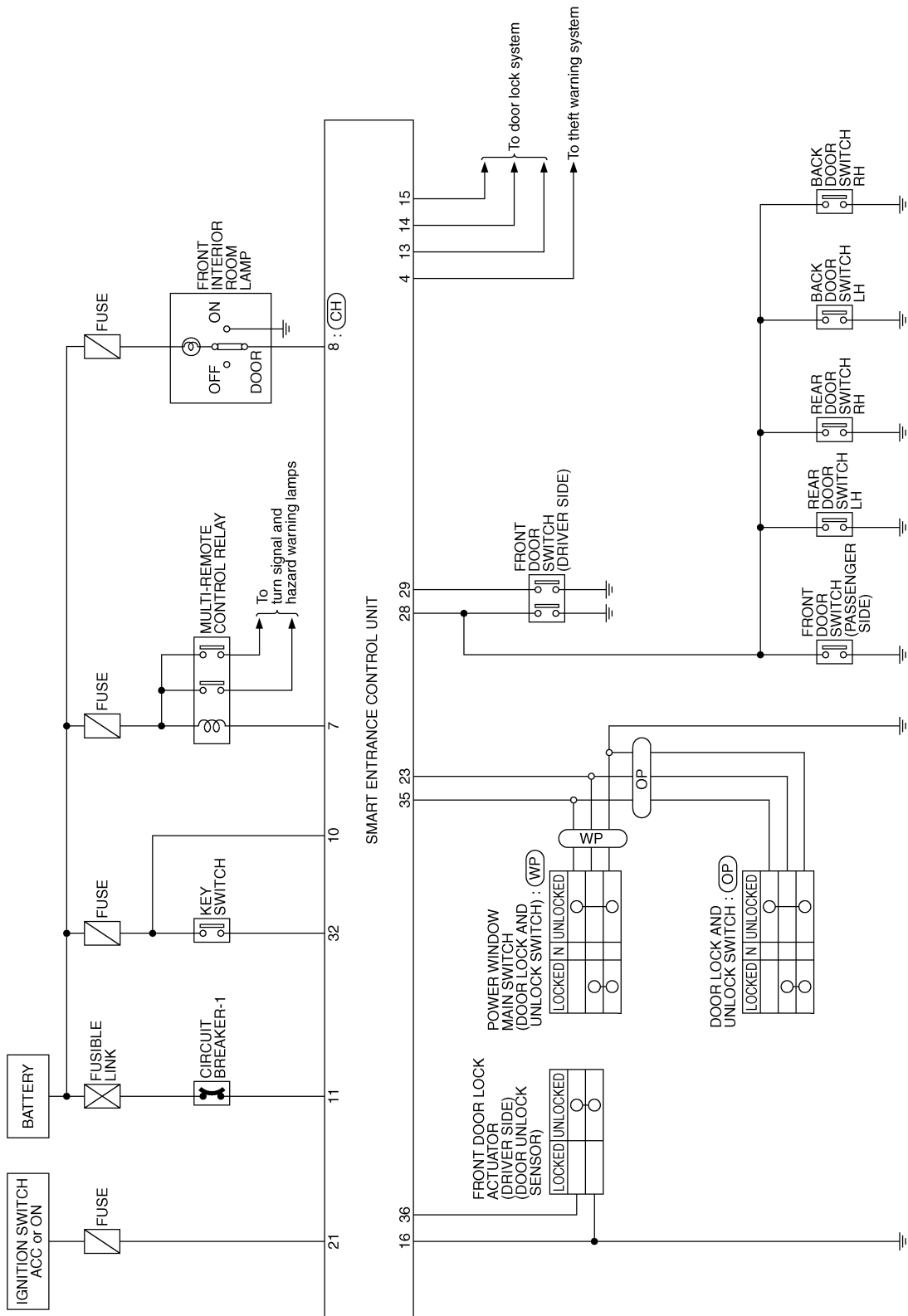
Refer to last page (Foldout page).

M20, B19
M22, D1

MULTI-REMOTE CONTROL SYSTEM

Schematic/With Theft Warning System Models

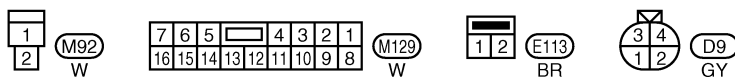
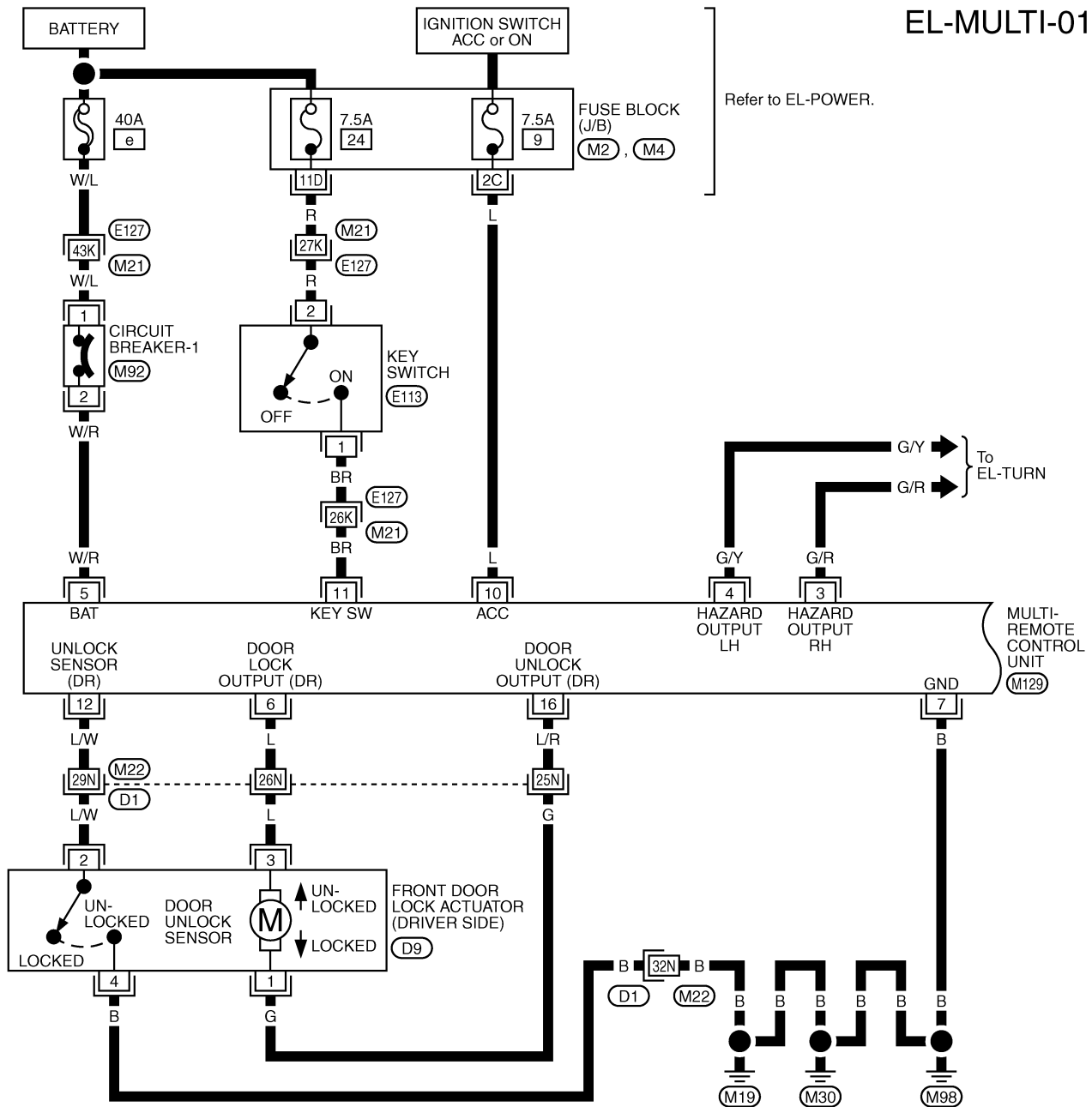
CH : For China
 WP : With power window
 OP : Without power window



MULTI-REMOTE CONTROL SYSTEM

Wiring Diagram — MULTI —/Except for Europe and With Theft Warning System Models

LHD MODELS



Refer to last page (Foldout page).

(M21), (E127)

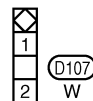
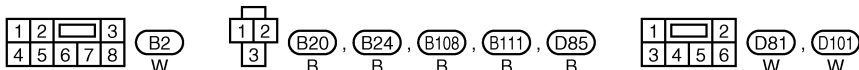
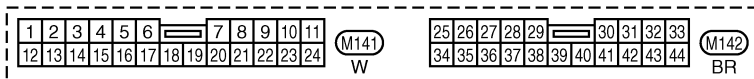
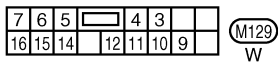
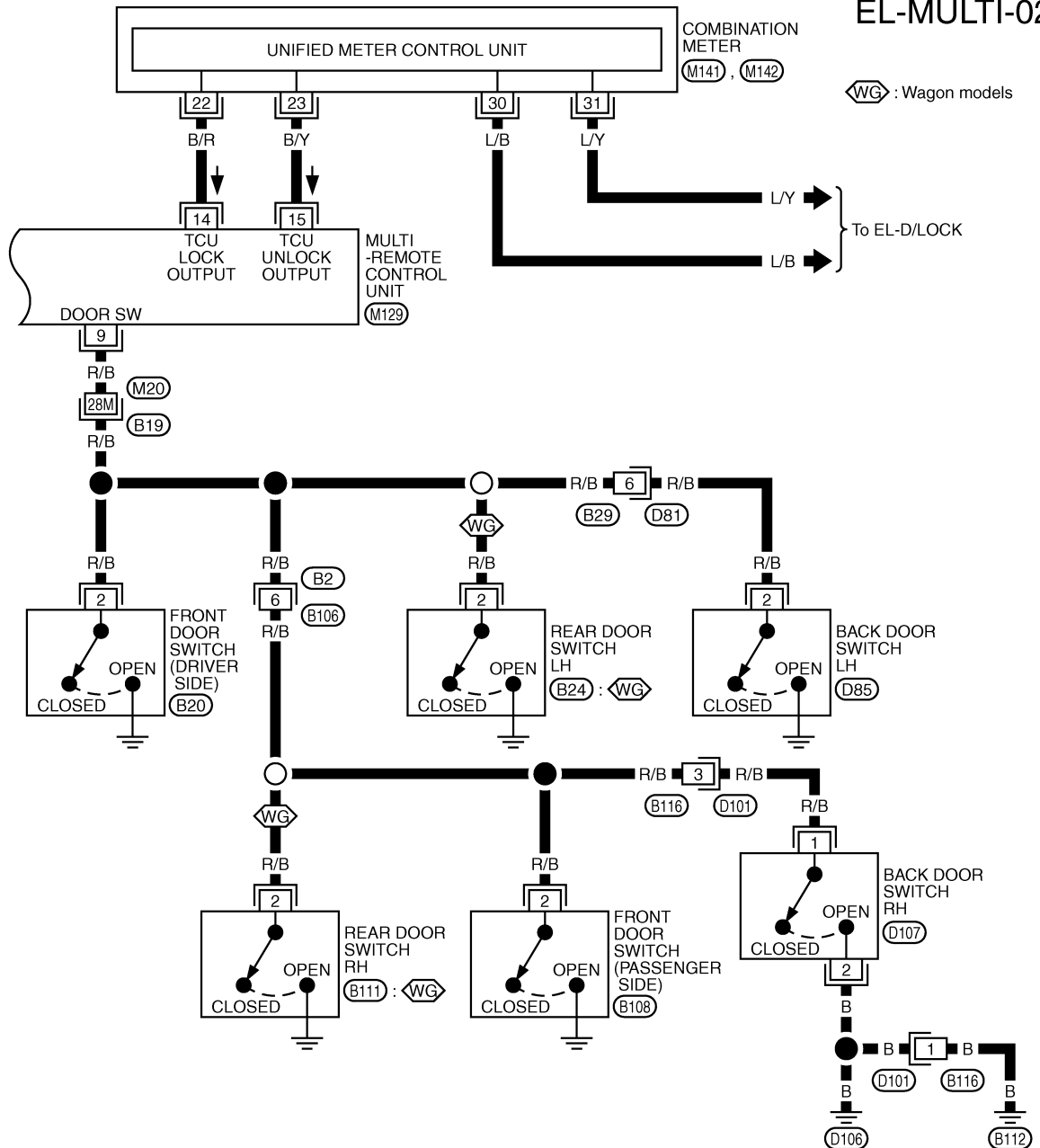
M22. D1

M2

M4

Wiring Diagram — MULTI —/Except for Europe and With Theft Warning System Models (Cont'd)

EL-MULTI-02



Refer to last page (Foldout page).

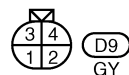
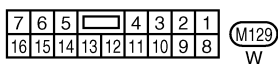
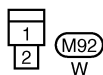
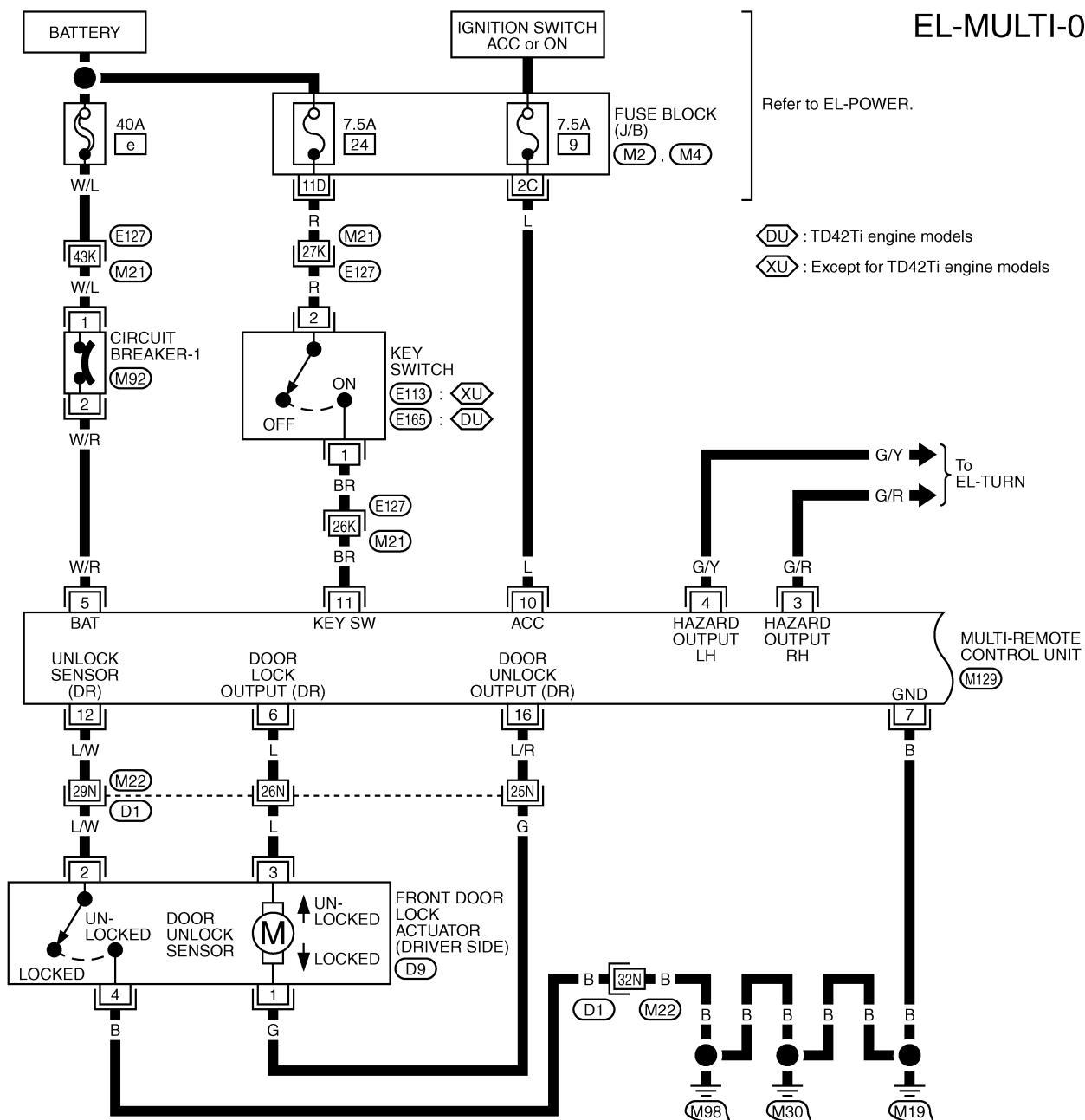
(M20), (B19)

MULTI-REMOTE CONTROL SYSTEM

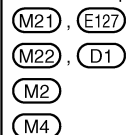
Wiring Diagram — MULTI —/Except for Europe and With Theft Warning System Models (Cont'd)

RHD MODELS

EL-MULTI-03



Refer to last page (Foldout page).

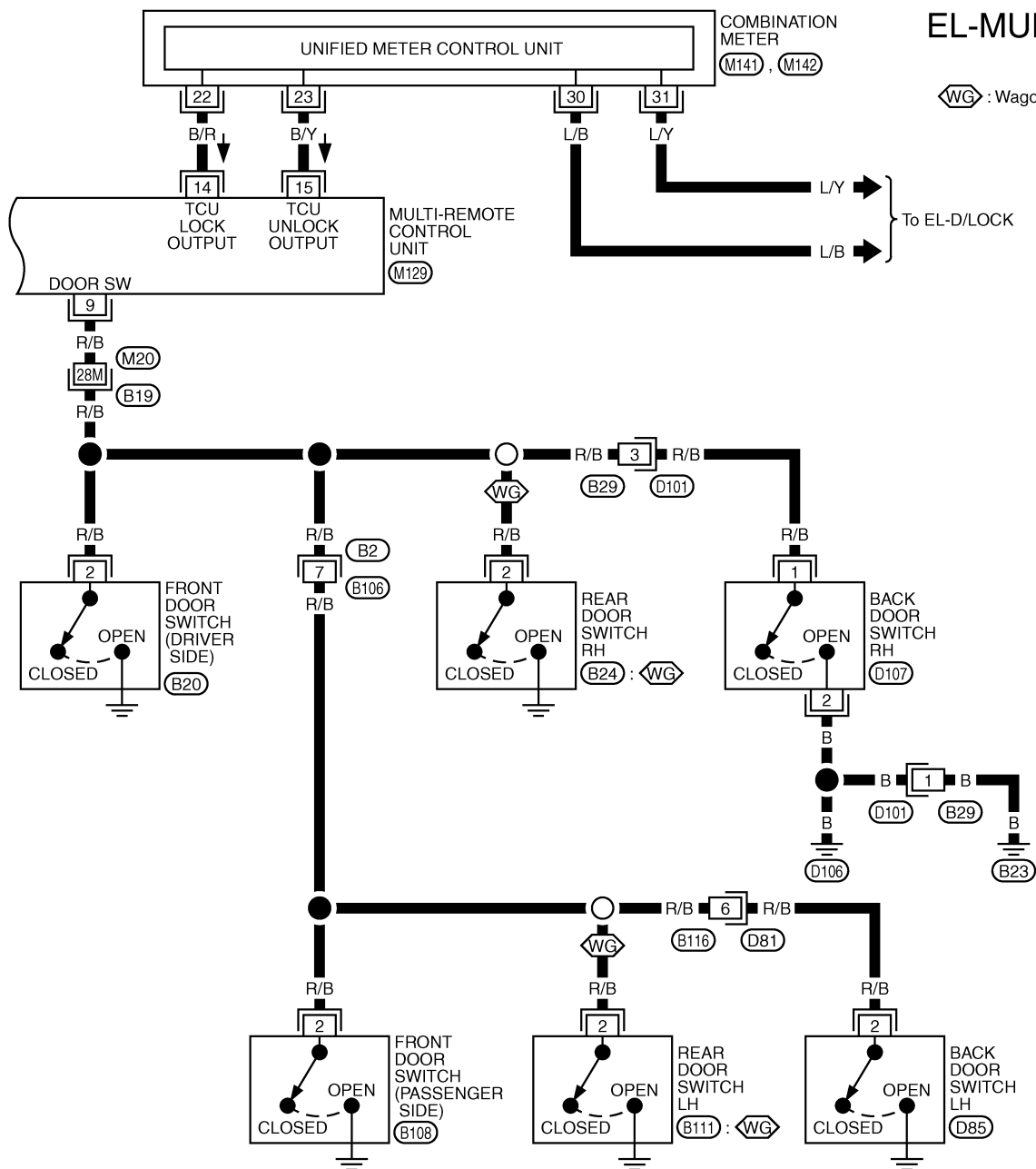


MULTI-REMOTE CONTROL SYSTEM

Wiring Diagram — MULTI —/Except for Europe and With Theft Warning System Models (Cont'd)

EL-MULTI-04

WG : Wagon models



7	6	5	4	3	2	1
16	15	14	13	12	11	10

M129
W

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22

M141
W

25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41	42

M142
BR

1	2	3	4
5	6	7	8

B2
W

1	2
3	

B20, B24, B108, B111, D85
B B B B B

1	2
3	4

D81, D101
W W

1
2

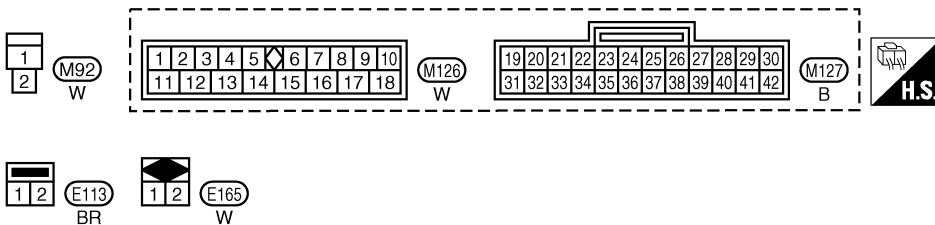
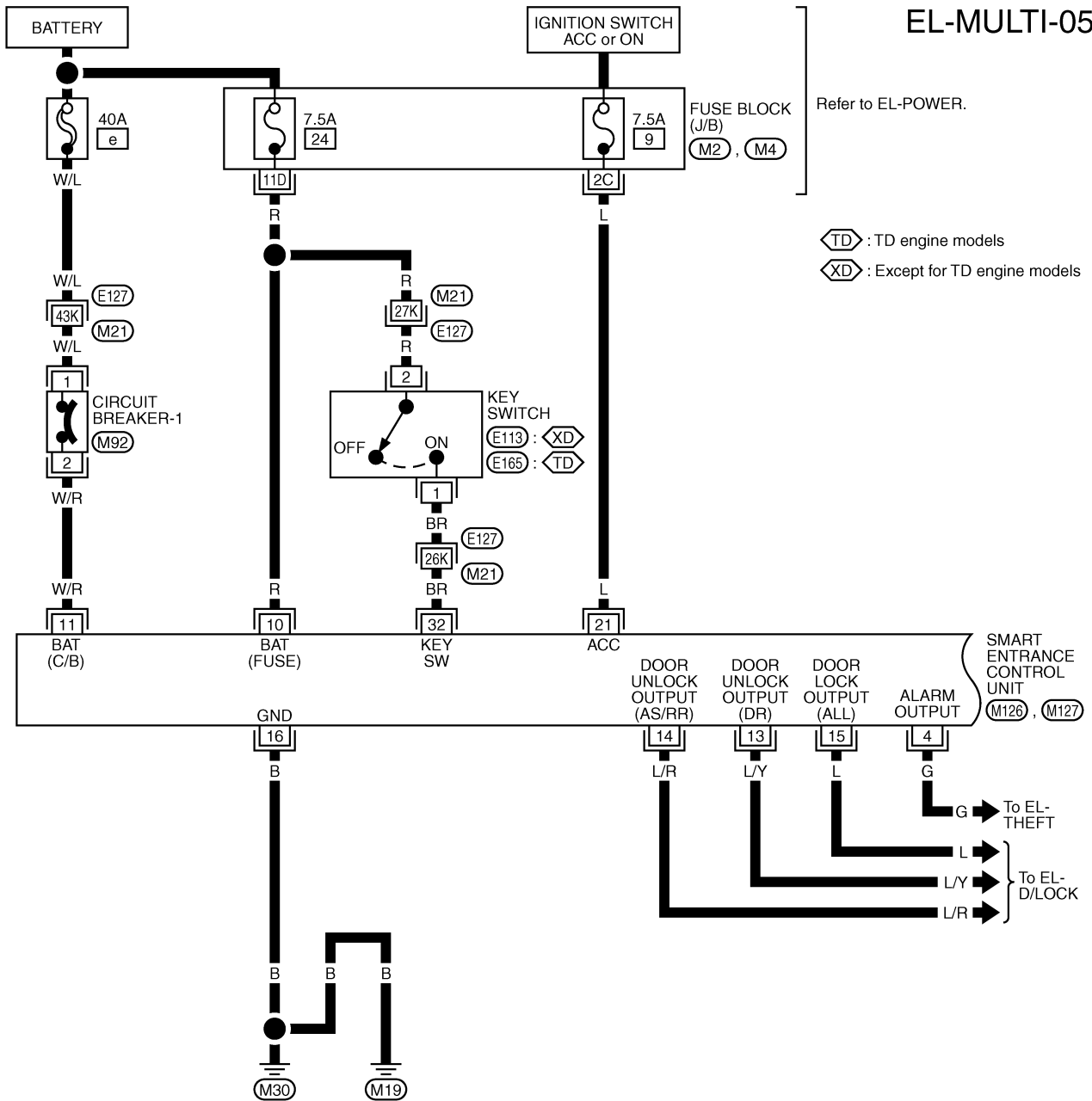
D107
W

Refer to last page (Foldout page).

M20, B19

EL-MULTI-05

 : TD engine models
 : Except for TD engine models

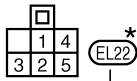
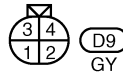
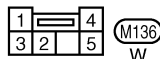
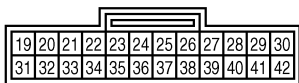
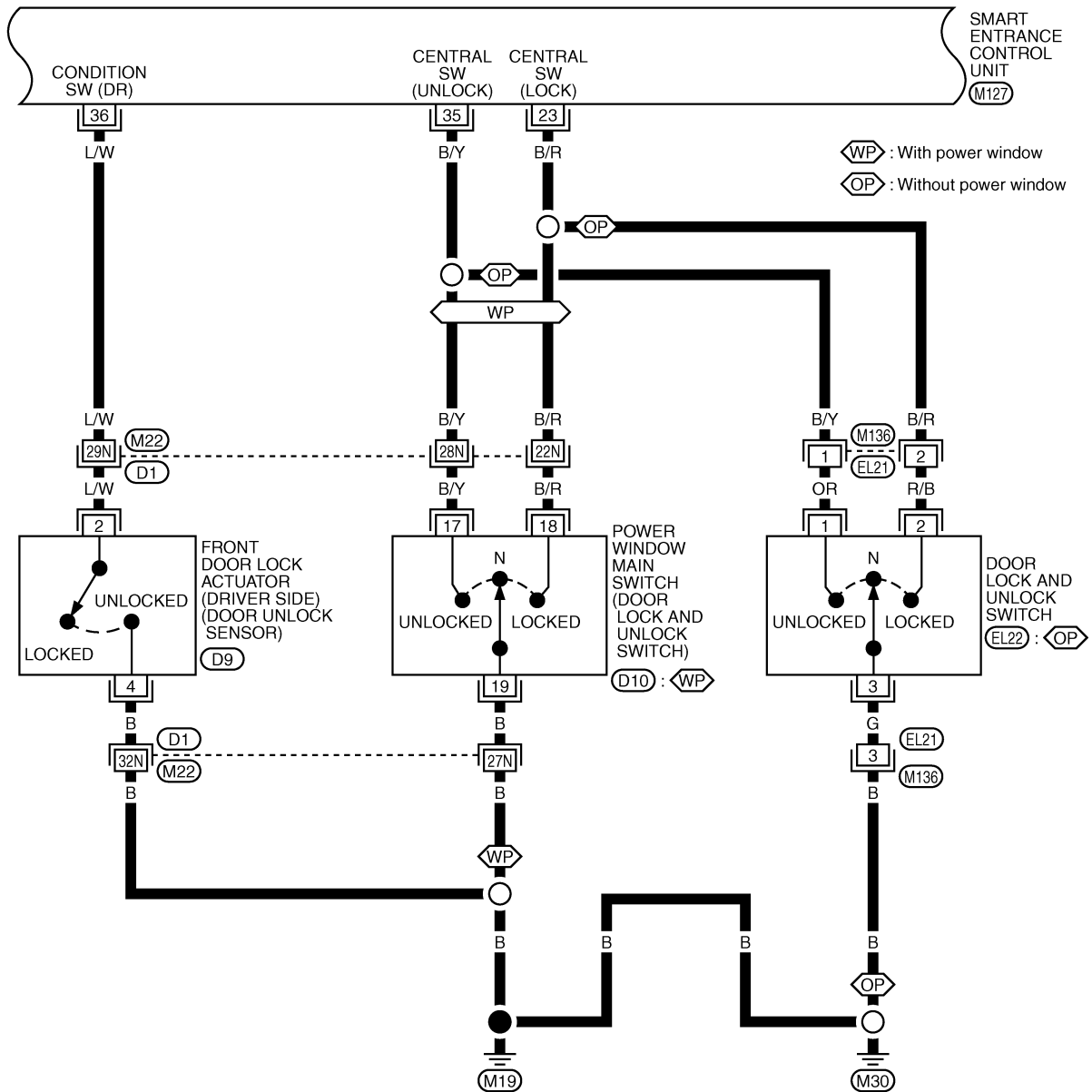


M21, E127
M2
M4

MULTI-REMOTE CONTROL SYSTEM

Wiring Diagram — MULTI —/LHD Models with Theft Warning System (Cont'd)

EL-MULTI-06



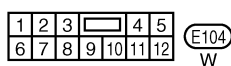
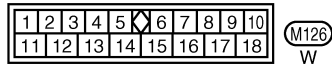
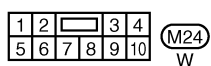
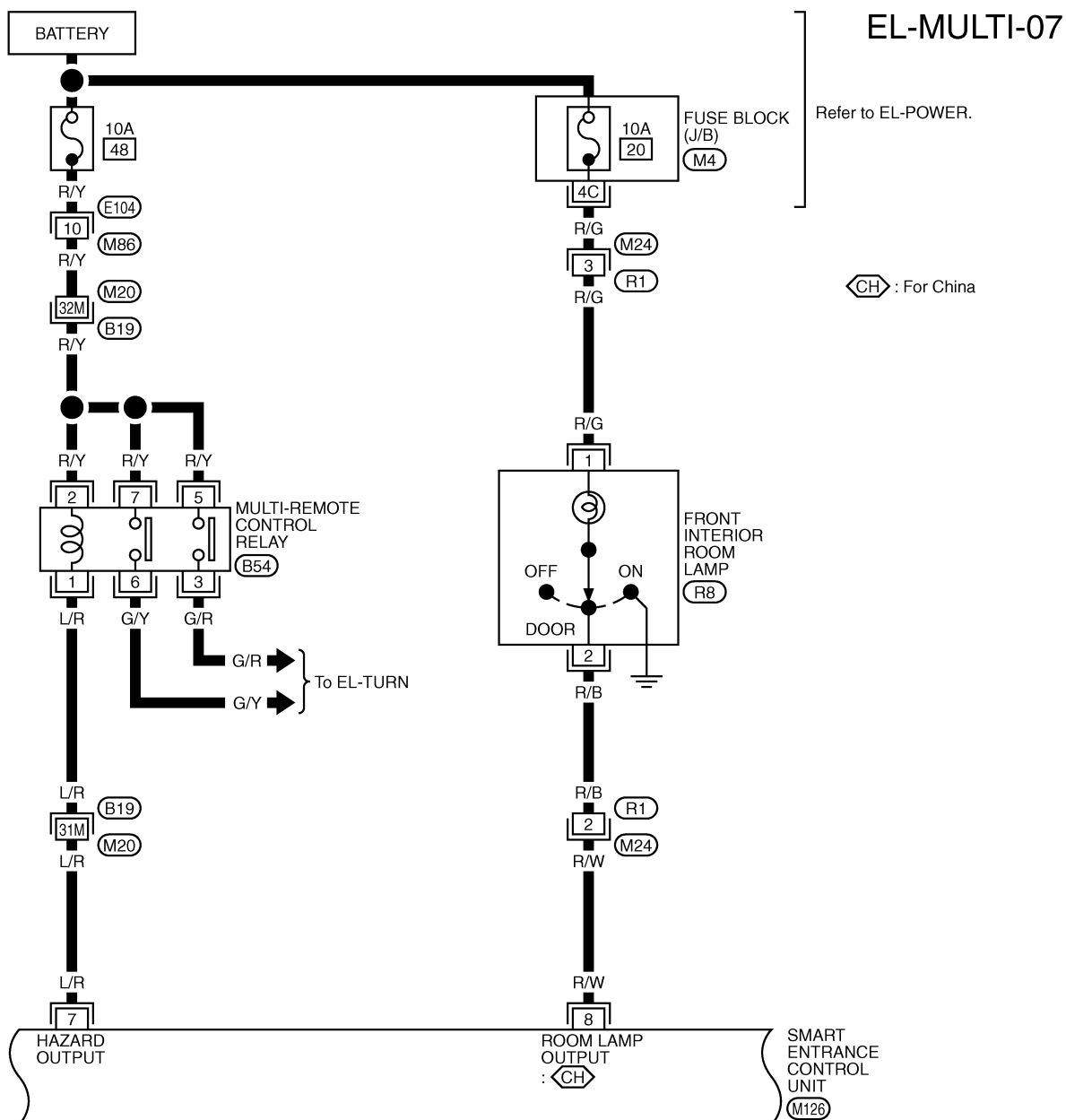
★: This connector is not shown in "HARNESS LAYOUT", EL section.

Refer to last page (Foldout page).

(M22), (D1)

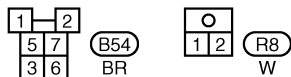
MULTI-REMOTE CONTROL SYSTEM

Wiring Diagram — MULTI —/LHD Models with Theft Warning System (Cont'd)



Refer to last page (Foldout page).

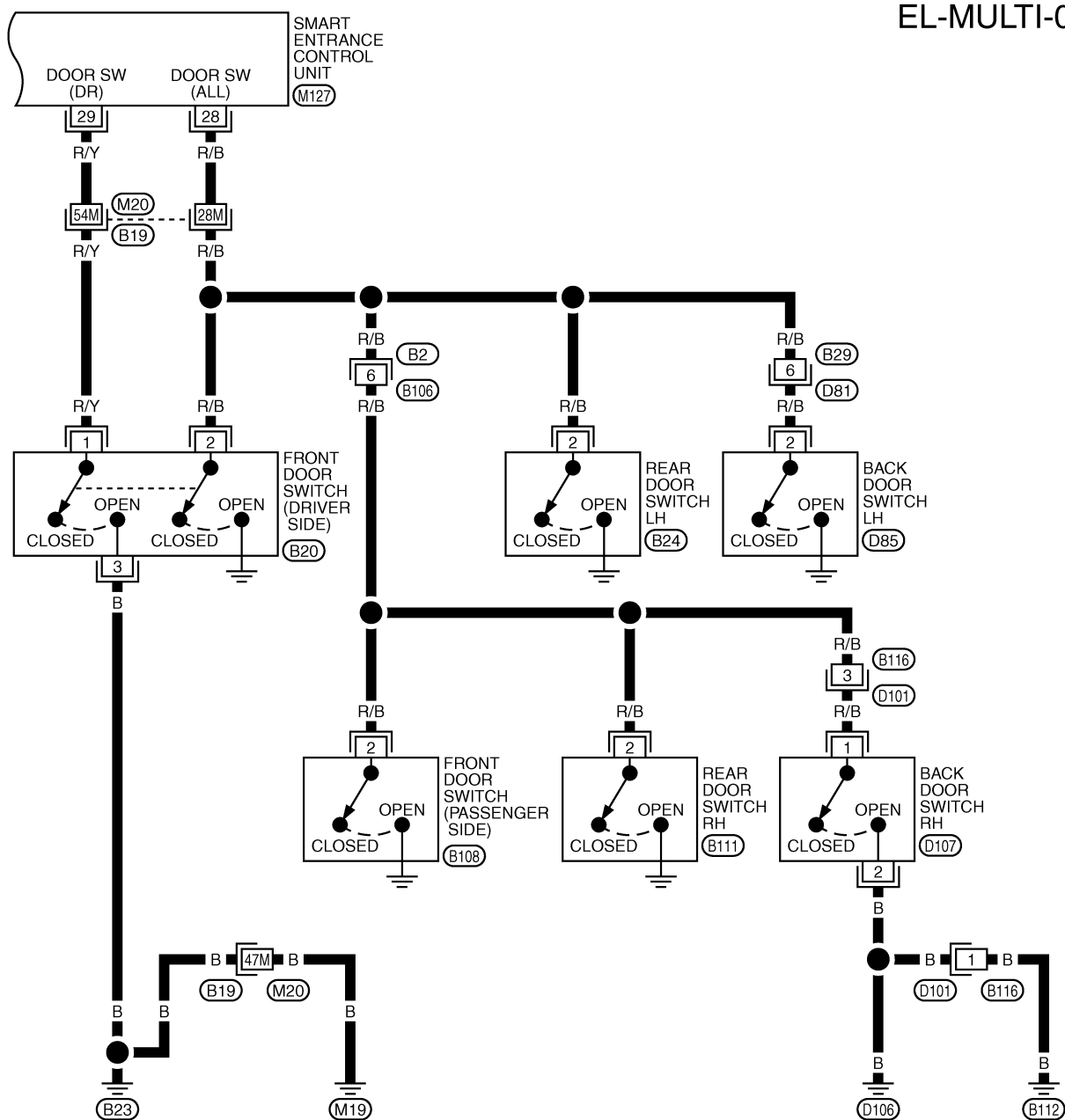
M20, B19
M4



MULTI-REMOTE CONTROL SYSTEM

Wiring Diagram — MULTI —/LHD Models with Theft Warning System (Cont'd)

EL-MULTI-08



19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42

M127
B



1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

B2
W

1	2	3
---	---	---

B20, B24, B108, B111, D85
B

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

D81, D101
W

1	2
---	---

D107
W

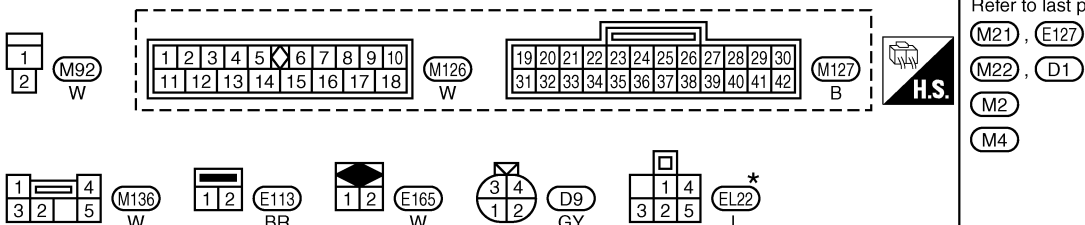
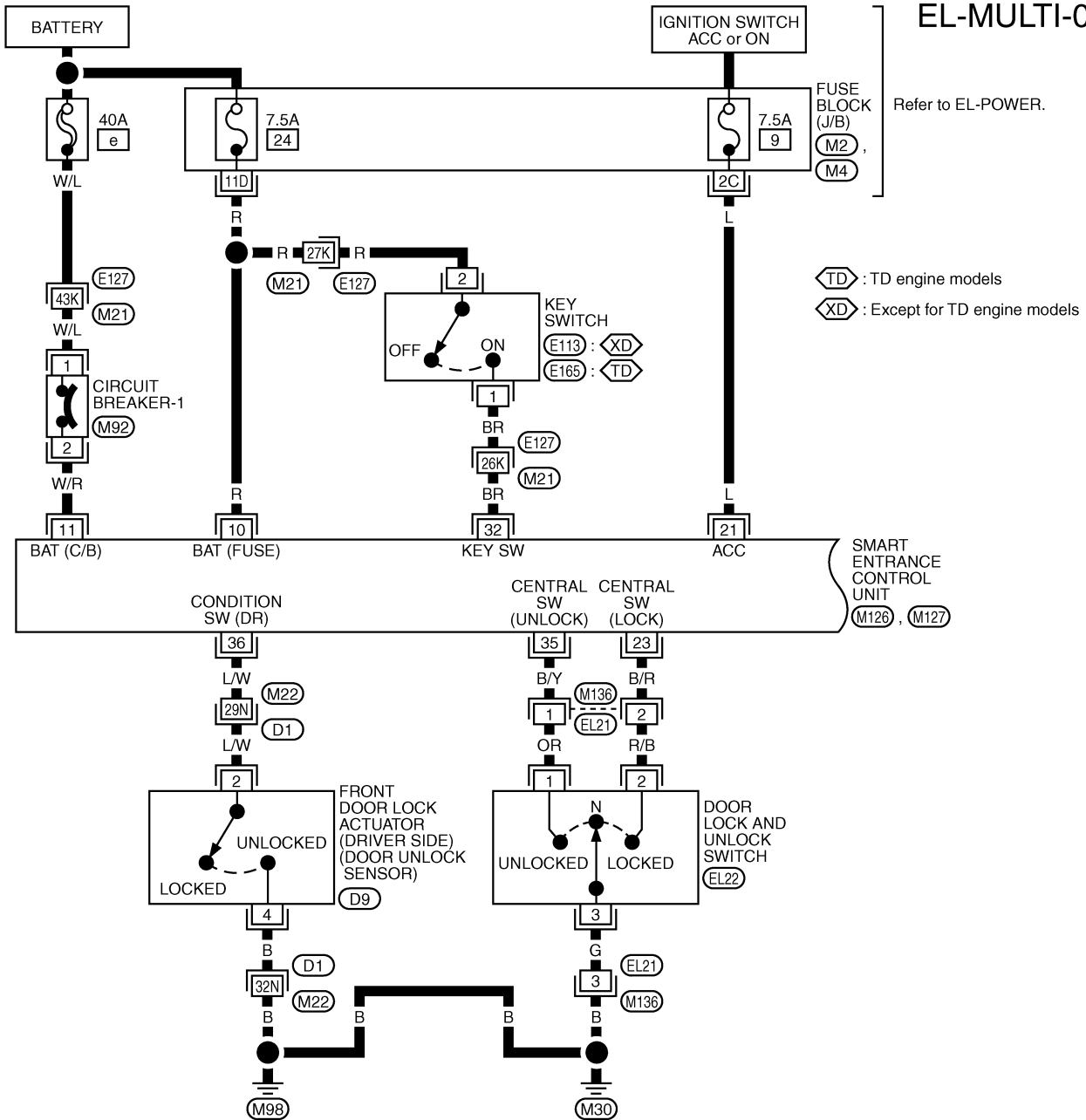
Refer to last page (Foldout page).

M20, B19

MULTI-REMOTE CONTROL SYSTEM

Wiring Diagram — MULTI —/RHD Models with Theft Warning System

EL-MULTI-09

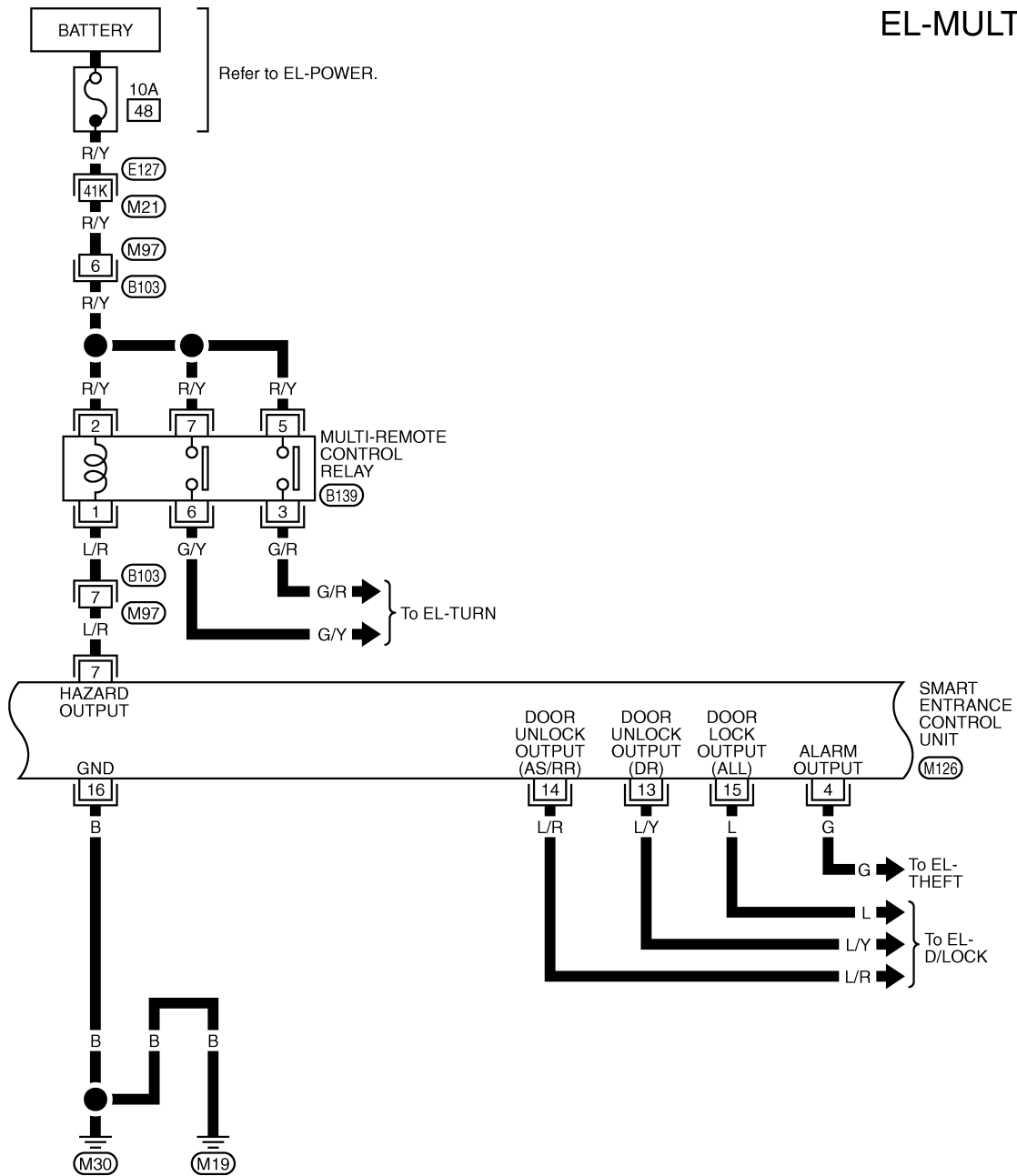


★: This connector is not shown in "HARNESS LAYOUT", EL section.

MULTI-REMOTE CONTROL SYSTEM

Wiring Diagram — MULTI —/RHD Models with Theft Warning System (Cont'd)

EL-MULTI-10



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

M126
W



1	2	3	4	5	6	7
8	9	10	11	12	13	14

B103
W

1	2
5	7
3	6

B139
BR

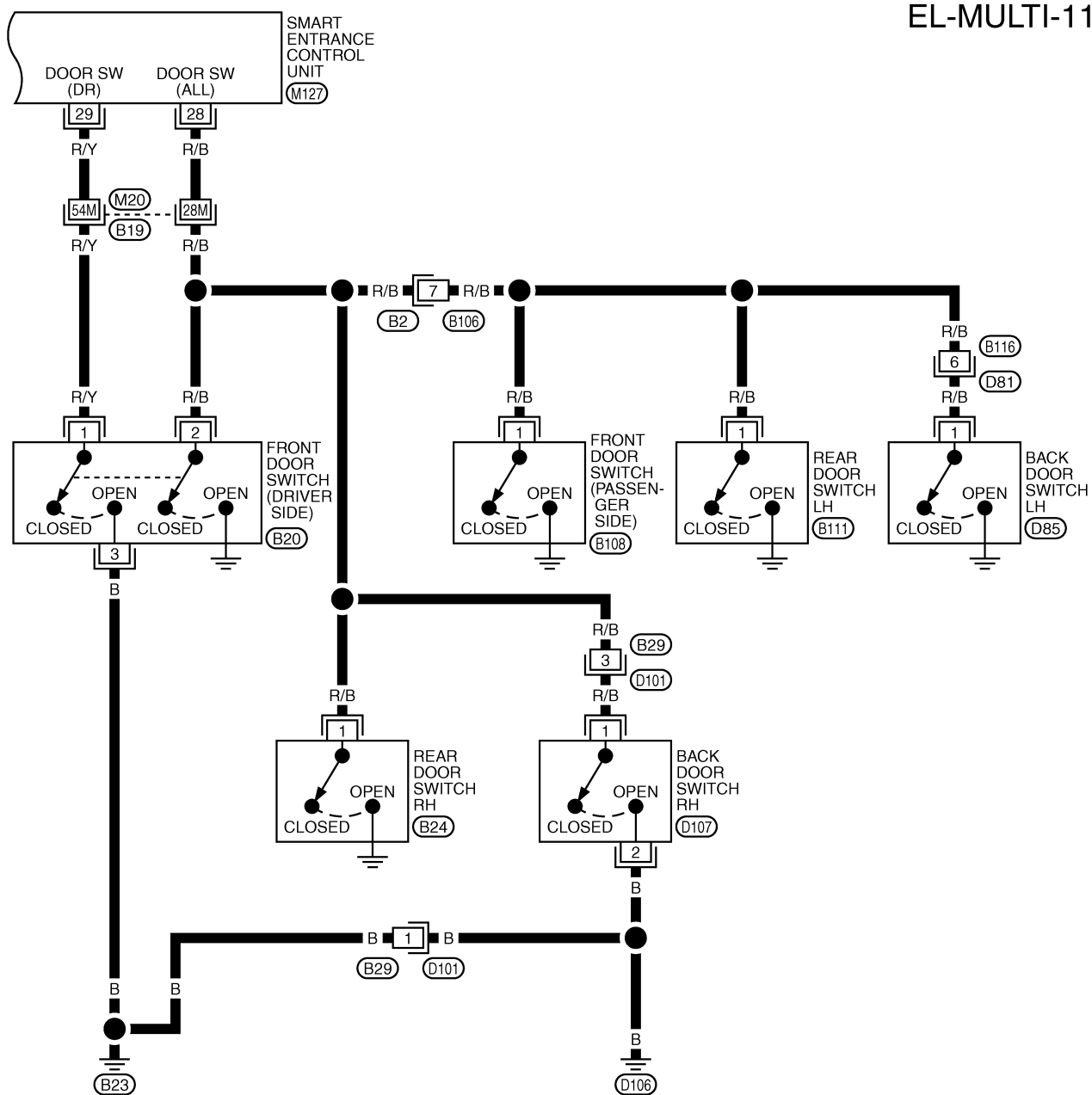
Refer to last page (Foldout page).

M21, E127

MULTI-REMOTE CONTROL SYSTEM

Wiring Diagram — MULTI —/RHD Models with Theft Warning System (Cont'd)

EL-MULTI-11



19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42

(M127)
B



1	2	3	4
5	6	7	8

(B2)
W

1	2
3	

(B20), (B24), (B108), (B111), (D85)
B

1	2
3	4

(D81), (D101)
W

1
2

(D107)
W

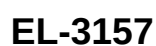
Refer to last page (Foldout page).

(M20), (B19)

TD : TD engine models
XD : Except for TD engine models

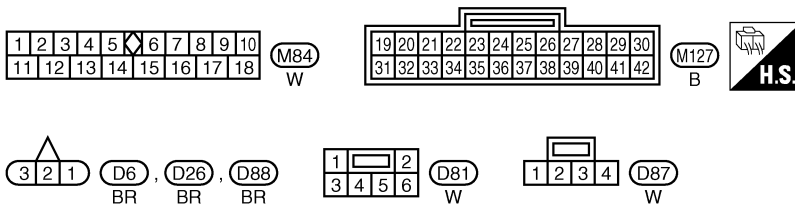
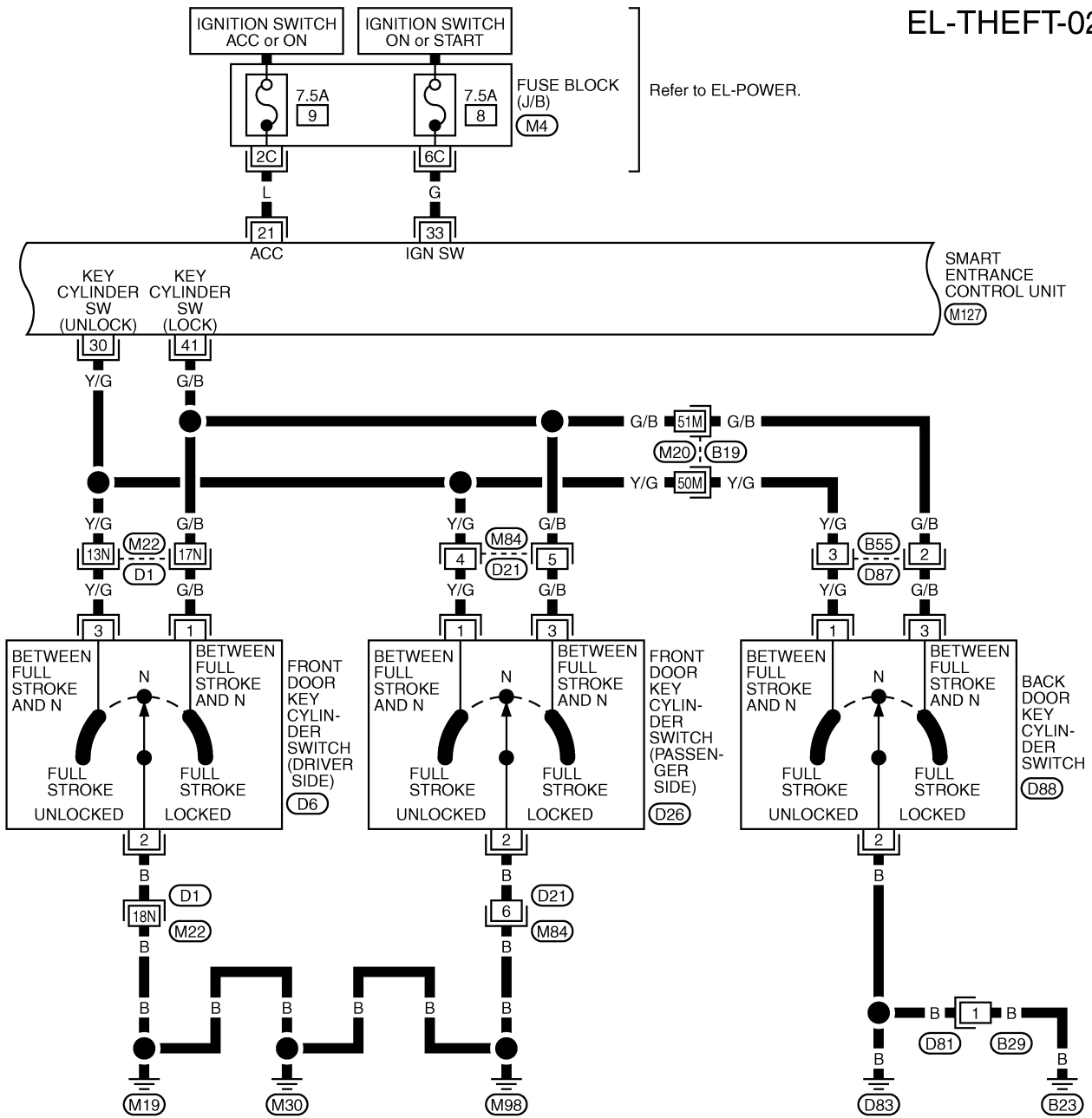
The diagram illustrates the electrical system for the Smart Entrance Control Unit (SECU). It shows the following components and their connections:

- Battery:** Connected to the main power line, which branches into three fused circuits for the ignition switches.
- Ignition Switches:**
 - IGNITION SWITCH ACC or ON:** Connected to terminal 21.
 - IGNITION SWITCH ON or START:** Connected to terminal 33.
 - BATTERY:** Connected to terminal 10.
- Smart Entrance Control Unit (SECU):** A central unit with terminals 16, 26, 36, 37, 28, 29, 27, 30, 41, and 4.
- Door Lock Actuators:**
 - FRONT DOOR LOCK ACTUATOR (DRIVER SIDE):** Connected to terminal 16 (LOCKED) and 26 (UNLOCKED).
 - REAR DOOR LOCK ACTUATOR LH:** Connected to terminal 36 (LOCKED) and 26 (UNLOCKED).
 - REAR DOOR LOCK ACTUATOR RH:** Connected to terminal 36 (LOCKED) and 26 (UNLOCKED).
 - FRONT DOOR LOCK ACTUATOR (PASSENGER SIDE):** Connected to terminal 37 (LOCKED) and 26 (UNLOCKED).
 - BACK DOOR LOCK ACTUATOR (DOOR UNLOCK SENSOR):** Connected to terminal 37 (LOCKED) and 26 (UNLOCKED).
- Door Switches:**
 - FRONT DOOR SWITCH (DRIVER SIDE):** Connected to terminal 28 (LOCKED) and 29 (UNLOCKED).
 - FRONT DOOR SWITCH (PASSENGER SIDE):** Connected to terminal 28 (LOCKED) and 29 (UNLOCKED).
 - REAR DOOR SWITCH LH:** Connected to terminal 27 (LOCKED) and 30 (UNLOCKED).
 - REAR DOOR SWITCH RH:** Connected to terminal 27 (LOCKED) and 30 (UNLOCKED).
 - BACK DOOR SWITCH LH:** Connected to terminal 41 (LOCKED) and 4 (UNLOCKED).
 - BACK DOOR SWITCH RH:** Connected to terminal 41 (LOCKED) and 4 (UNLOCKED).
- Relays and Lamps:**
 - THIEFT WARNING HORN RELAY:** Connected to terminal 10 (BATTERY) and terminal 4 (THIEFT WARNING HORN).
 - HORN RELAY:** Connected to terminal 10 (BATTERY) and terminal 4 (HORN LOW).
 - THIEFT WARNING LAMP RELAY:** Connected to terminal 10 (BATTERY) and terminal 4 (THIEFT WARNING LAMP).
 - SECURITY INDICATOR LAMP:** Connected to terminal 10 (BATTERY) and terminal 4 (SECURITY INDICATOR LAMP).
 - RESISTORS:** Four resistors are connected to terminal 10 (BATTERY) and terminal 4 (RESISTORS).
 - HEADLAMP LH:** Connected to terminal 30 (LOW) and terminal 41 (HIGH).
 - HEADLAMP RH:** Connected to terminal 30 (LOW) and terminal 41 (HIGH).



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

EL-THEFT-02



Refer to last page (Foldout page).

(M20), (B19)

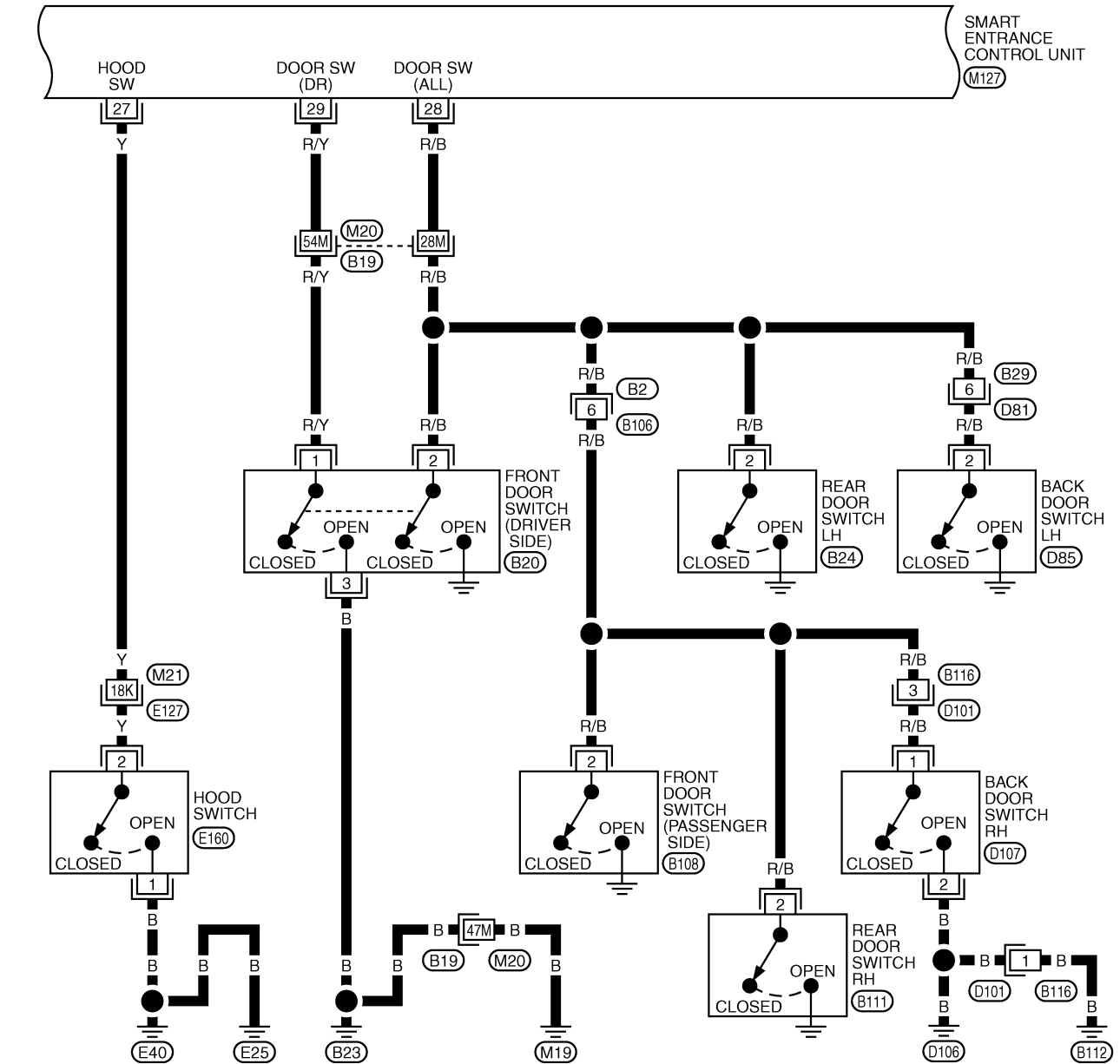
(M22), (D1)

M4

THEFT WARNING SYSTEM

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

EL-THEFT-03



19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42

(M127)
B



1 2 (E160)
GY

1 2 3 4 5 6 7 8 (B2)
W

1 2 3 (B20), (B24), (B108), (B111), (D85)
B

1 2 3 4 5 6 (D81), (D101)
W

1 2 (D107)
W

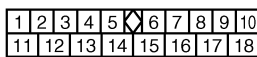
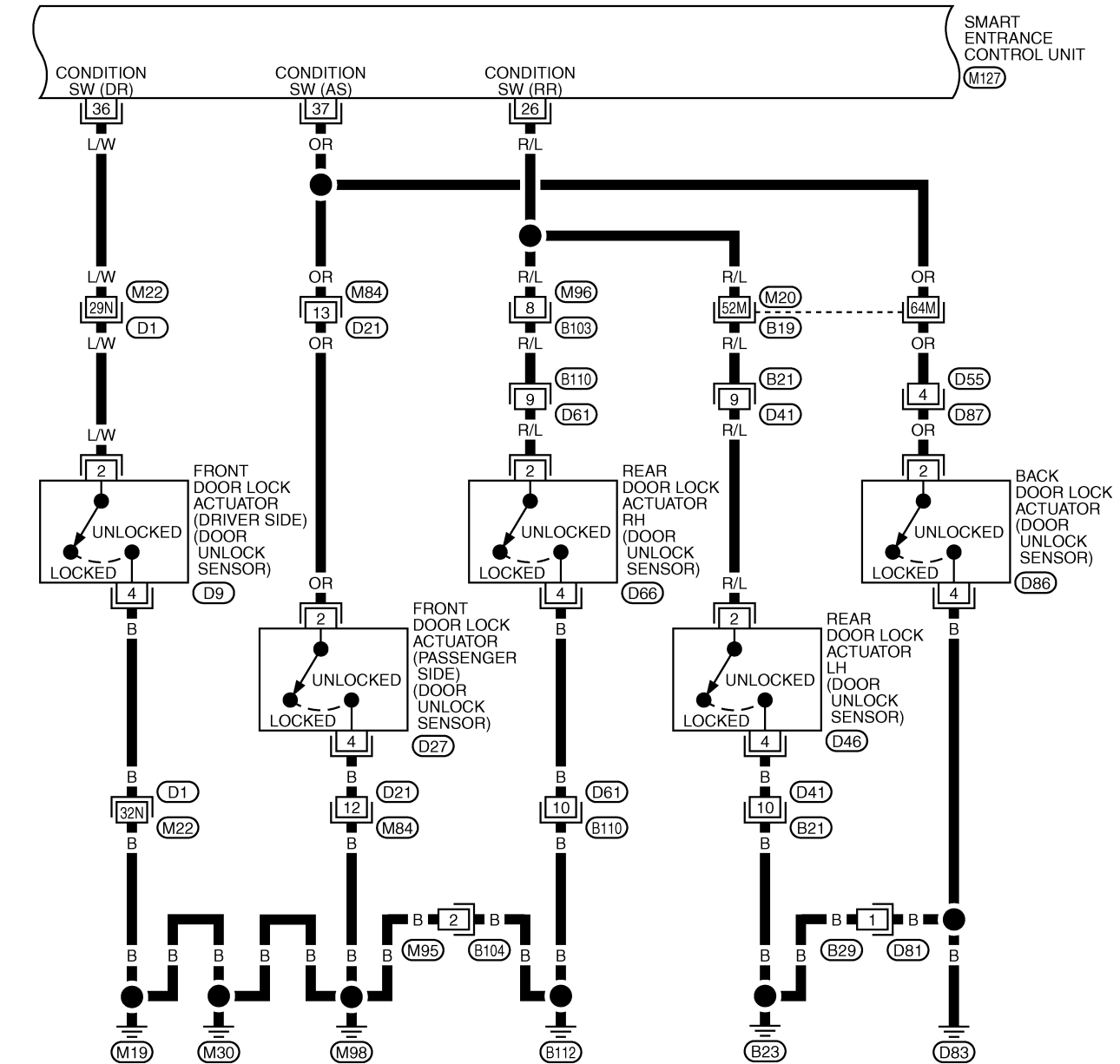
Refer to last page (Foldout page).

(M20), (B19)

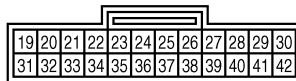
(M21), (E127)

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

EL-THEFT-04



$\textcircled{\text{M84}}$, $\textcircled{\text{B21}}$, $\textcircled{\text{B110}}$
W W W



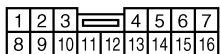
M12
B



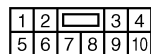
Refer to last page (Foldout page).

(M20), (B19)

(M22), (D1)



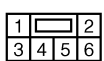
B10
W



(B1)
V



(D9)_{GY}, (D27)_{GY}, (D46)_{GY}, (D66)_{GY}, (D86)_{GY}



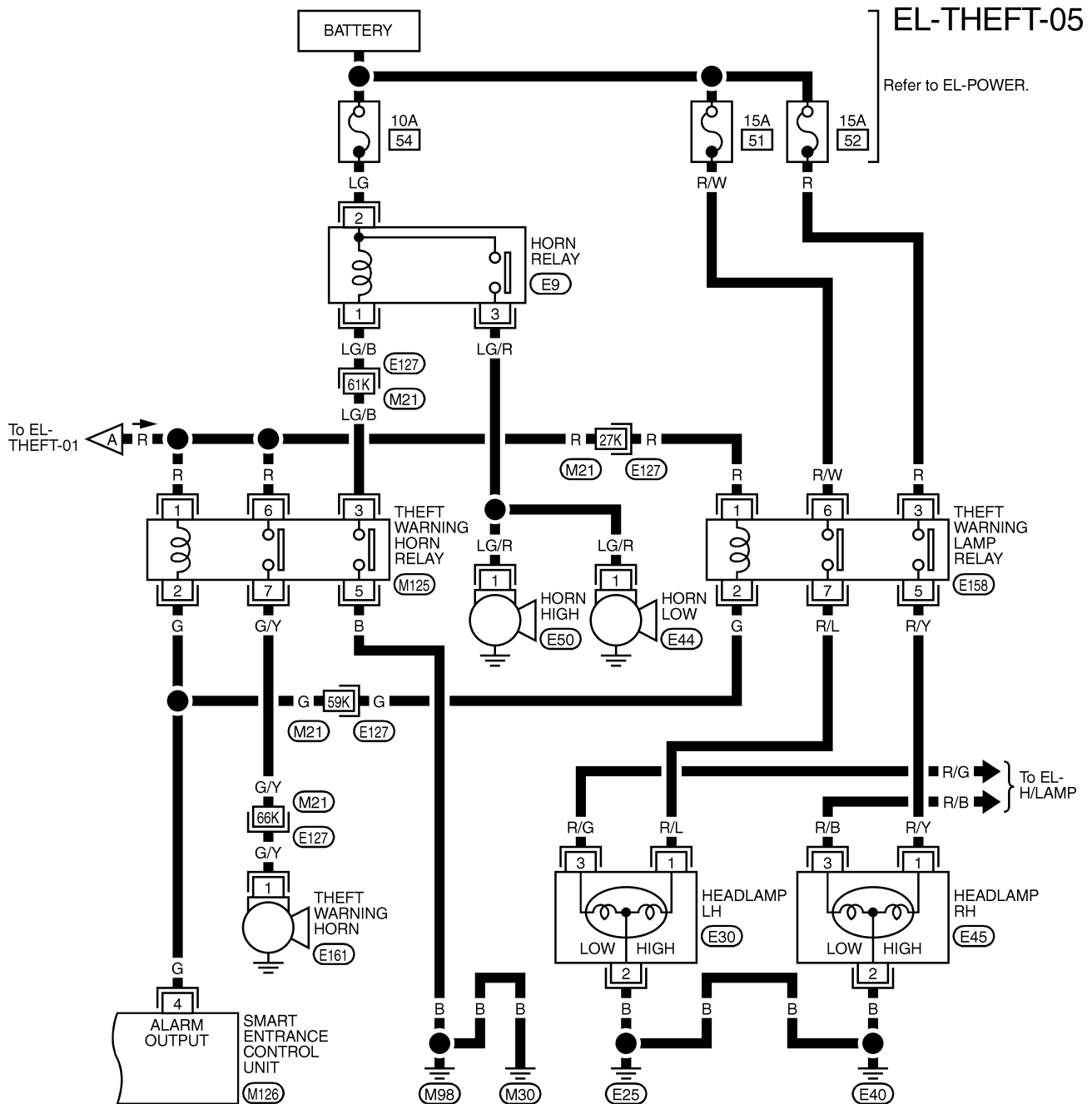
D81
W



Do
W

THEFT WARNING SYSTEM

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



1 2 5 7 3 6	M125, E158 BR BR	2 1 3	E9 W	3 1 2	E30, E45 B B	1	E44, E50, E161 B B B
-------------------	---------------------	----------	---------	----------	-----------------	---	-------------------------

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	M126 W	H.S.
---	-----------	------

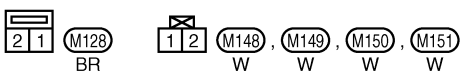
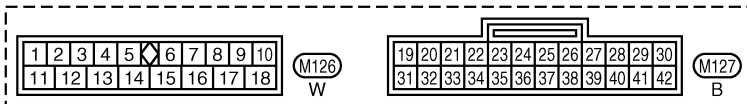
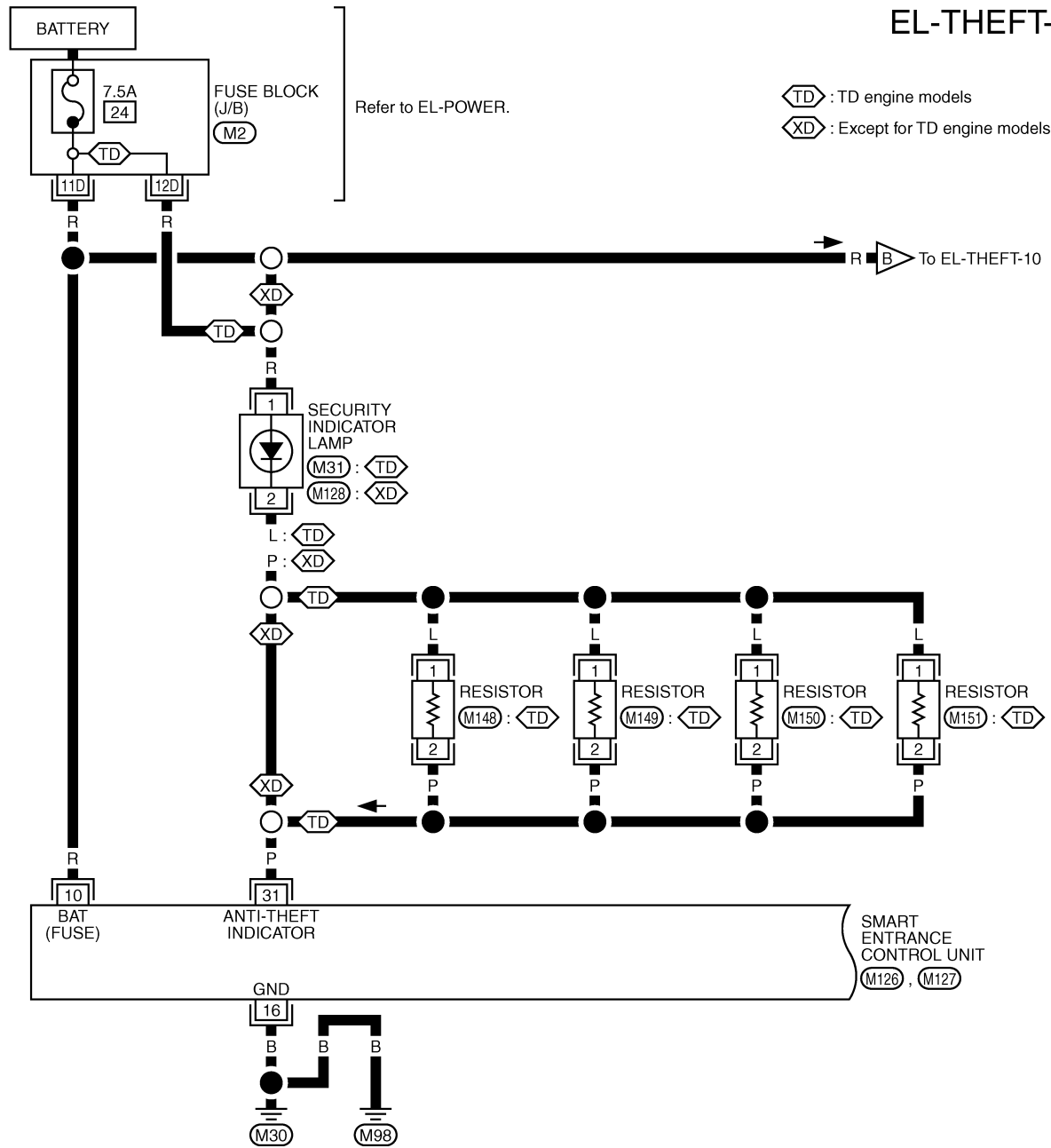
Refer to last page (Foldout page).

M21, E127

THEFT WARNING SYSTEM

Wiring Diagram — THEFT —/RHD Models

EL-THEFT-06



Refer to last page (Foldout page).

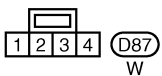
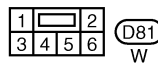
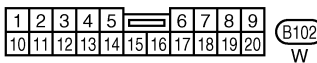
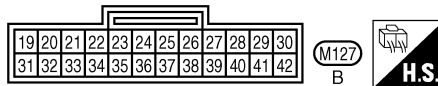
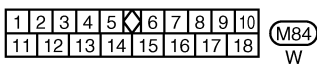
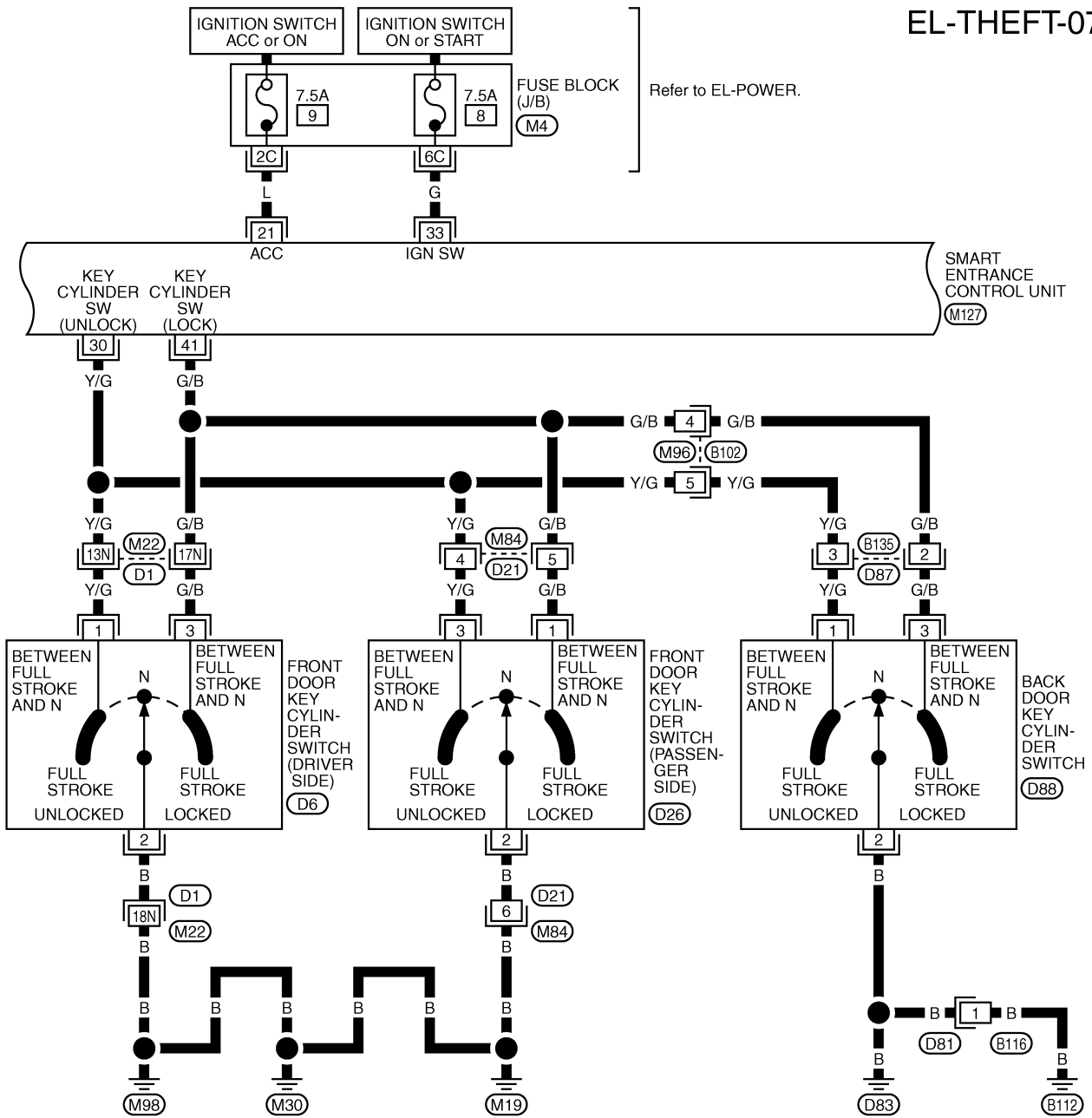
M2



THEFT WARNING SYSTEM

Wiring Diagram — THEFT —/RHD Models (Cont'd)

EL-THEFT-07



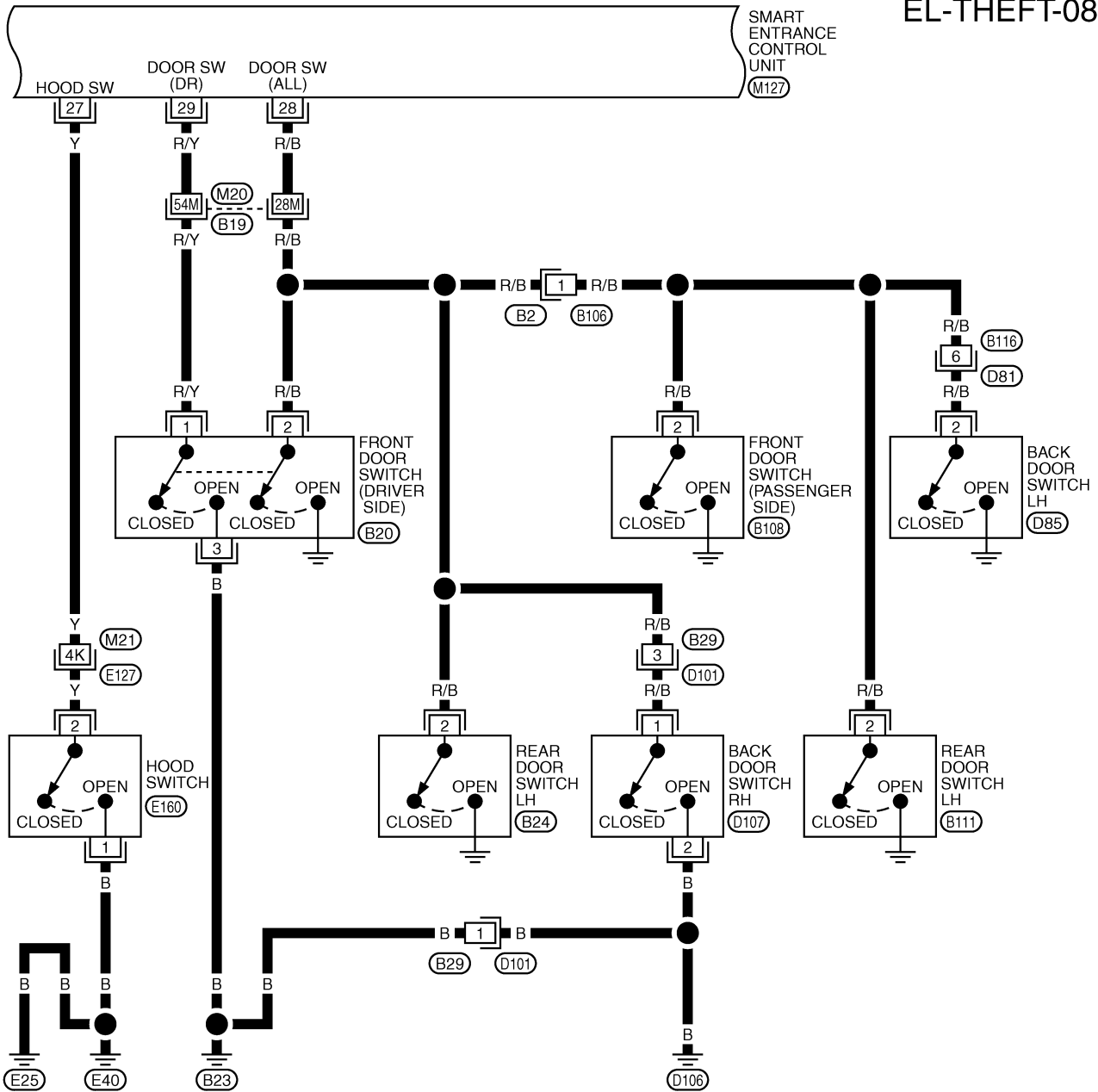
Refer to last page (Foldout page).

M22, D1
M4

THEFT WARNING SYSTEM

Wiring Diagram — THEFT —/RHD Models (Cont'd)

EL-THEFT-08



19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42

(M127)
B



(1 2)
GY

(E160)
GY

(1 2 3 4)
W

(B2)
W

(1 2 3)
B

(B20)
B

(B24)
B

(B108)
B

(B111)
B

(D85)
B

(1 2 3 4 5 6)
W

(D81)
W

(D101)
W

(1 2)
W

(D107)
W

Refer to last page (Foldout page).

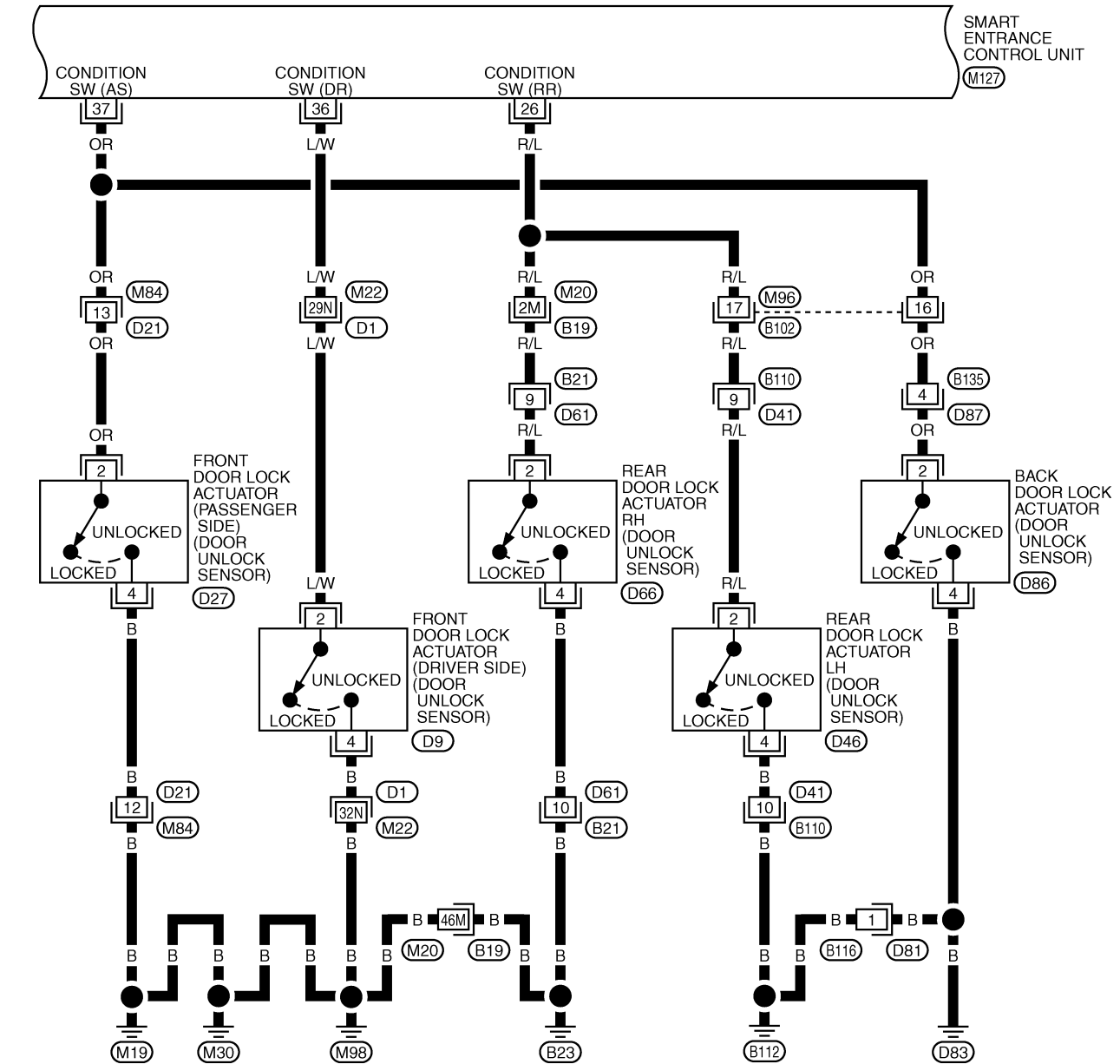
(M20) , (B19)

(M21) , (E127)

THEFT WARNING SYSTEM

Wiring Diagram — THEFT —/RHD Models (Cont'd)

EL-THEFT-09



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

M84, B21, B110
W W W

19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42

M127 B H.S.

Refer to last page (Foldout page).

M20, B19
M22, D1

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

B102 W D9, D27, D46, D66, D86
GY GY GY GY GY

1	2
3	4
5	6

D81 W

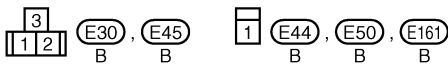
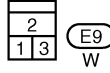
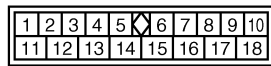
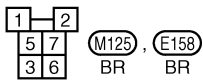
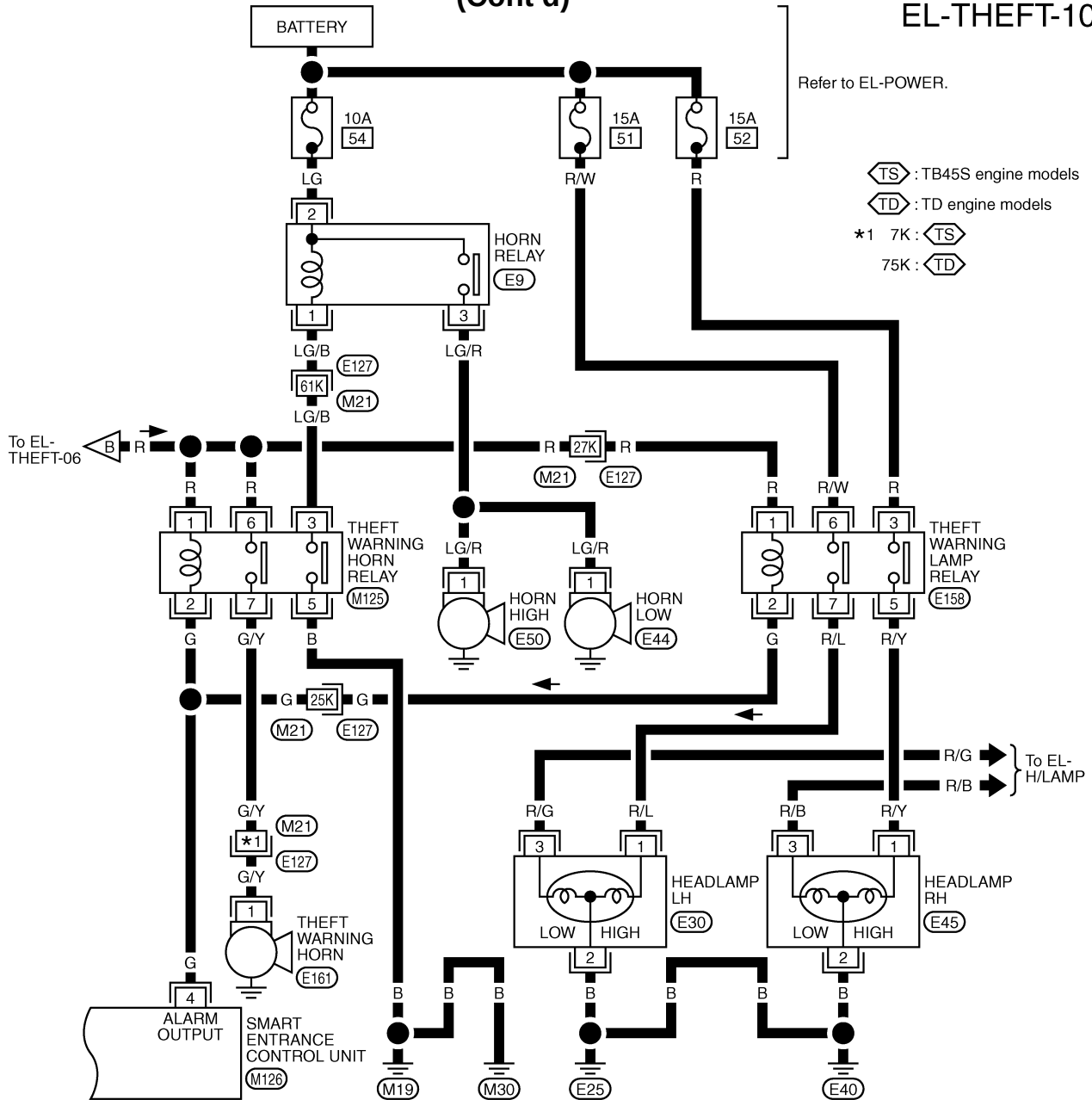
1	2	3	4
---	---	---	---

D87 W

THEFT WARNING SYSTEM

Wiring Diagram — THEFT —/RHD Models (Cont'd)

EL-THEFT-10



Refer to last page (Foldout page).

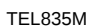
M21, E127

TEL834M

*1 5: SA
14: XA
*2 6: SA
15: XA

*1	5: (SA)
	14: (XA)
*2	6: (SA)
	15: (XA)

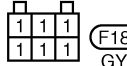
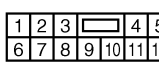
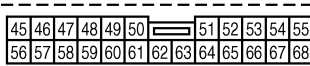
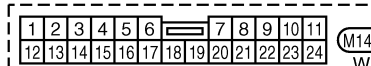
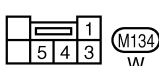
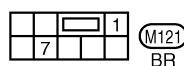
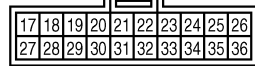
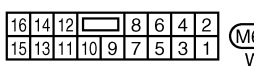
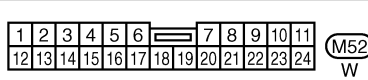
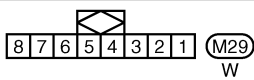
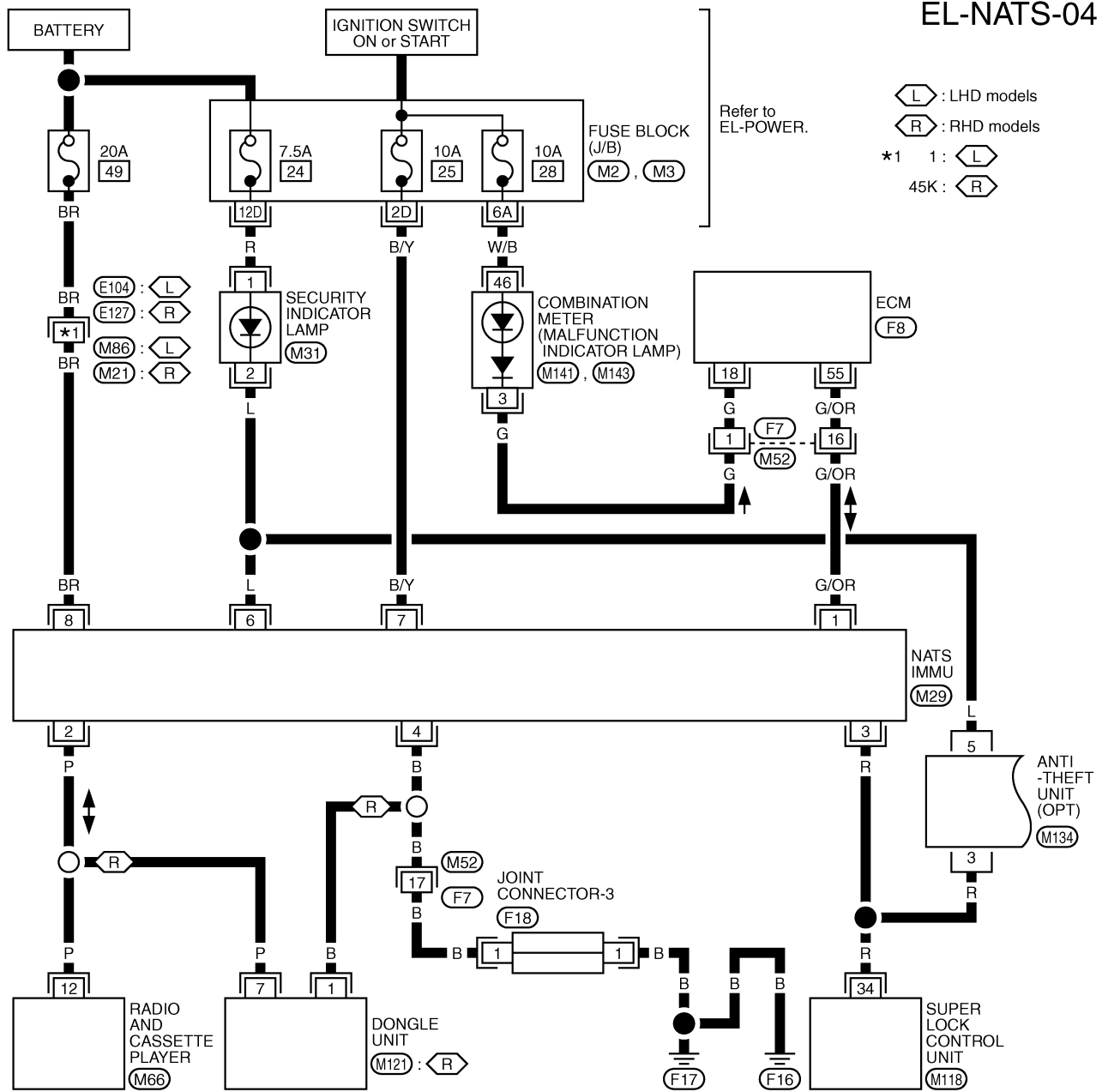
(SA) :	For South Africa
(XA) :	Except for South Africa
(WG) :	Wagon models
(MR) :	With multi-remote control system
(OM) :	Without multi-remote control system
(DF) :	With rear window defogger
(IW) :	With ignition key warning chime
(DL) :	With power door lock
(RT) :	With interior room lamp with timer
(LW) :	With light warning chime



NATS (Nissan Anti-Theft System)/ZD ENGINE MODELS

Wiring Diagram — NATS —/For Europe

EL-NATS-04



Refer to last page (Foldout page).

(M21), (E127)

(M2)

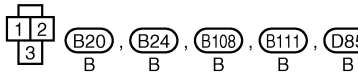
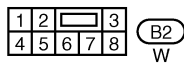
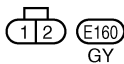
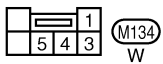
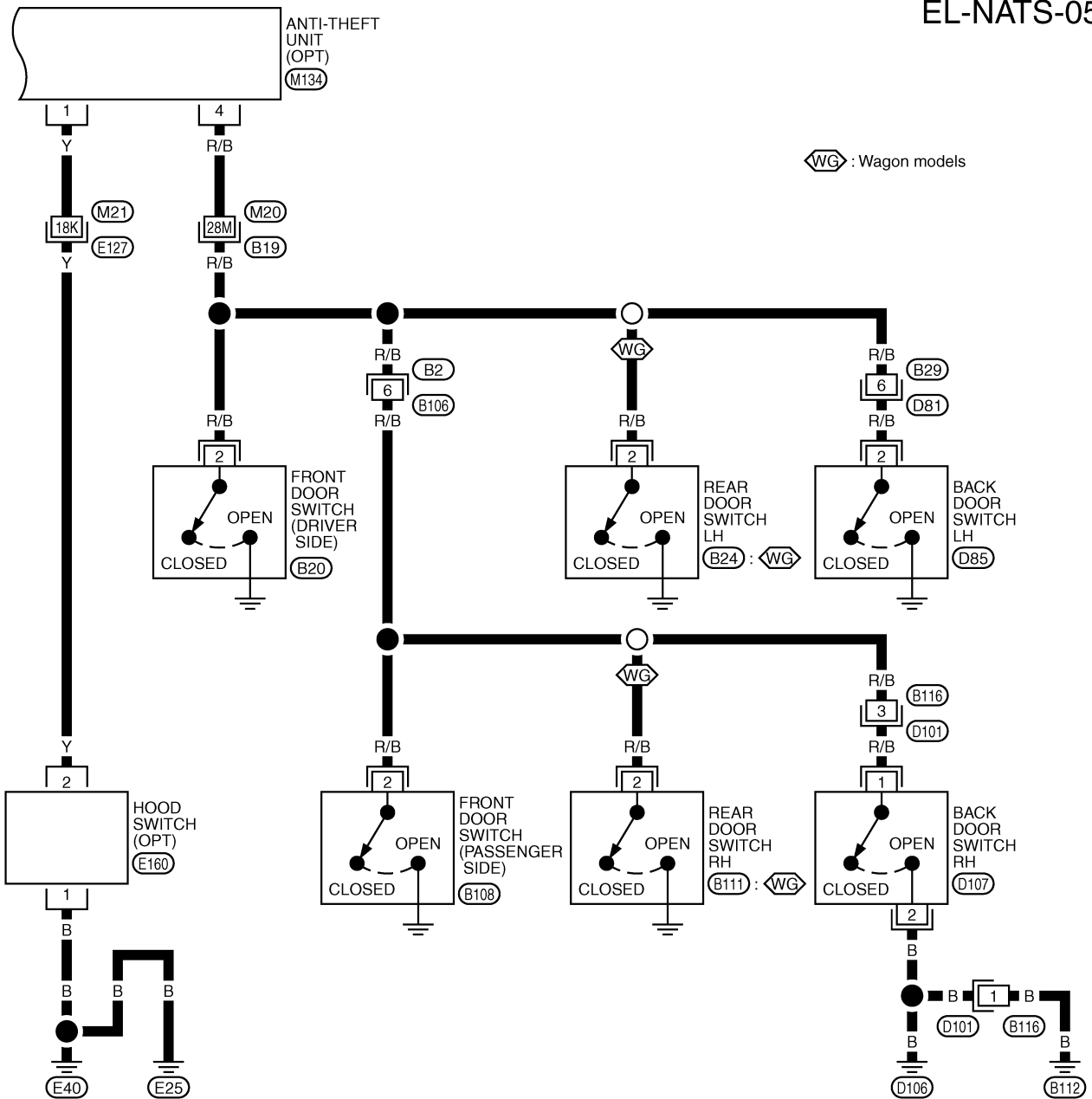
(M3)

(F8)

NATS (Nissan Anti-Theft System)/ZD ENGINE MODELS

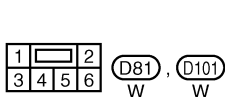
Wiring Diagram — NATS —/LHD Models for Europe

EL-NATS-05



Refer to last page (Foldout page).

(M20, B19)
(M21, E127)

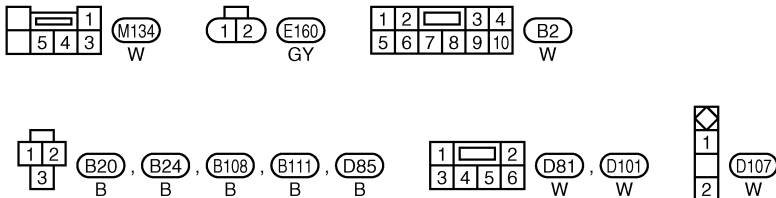
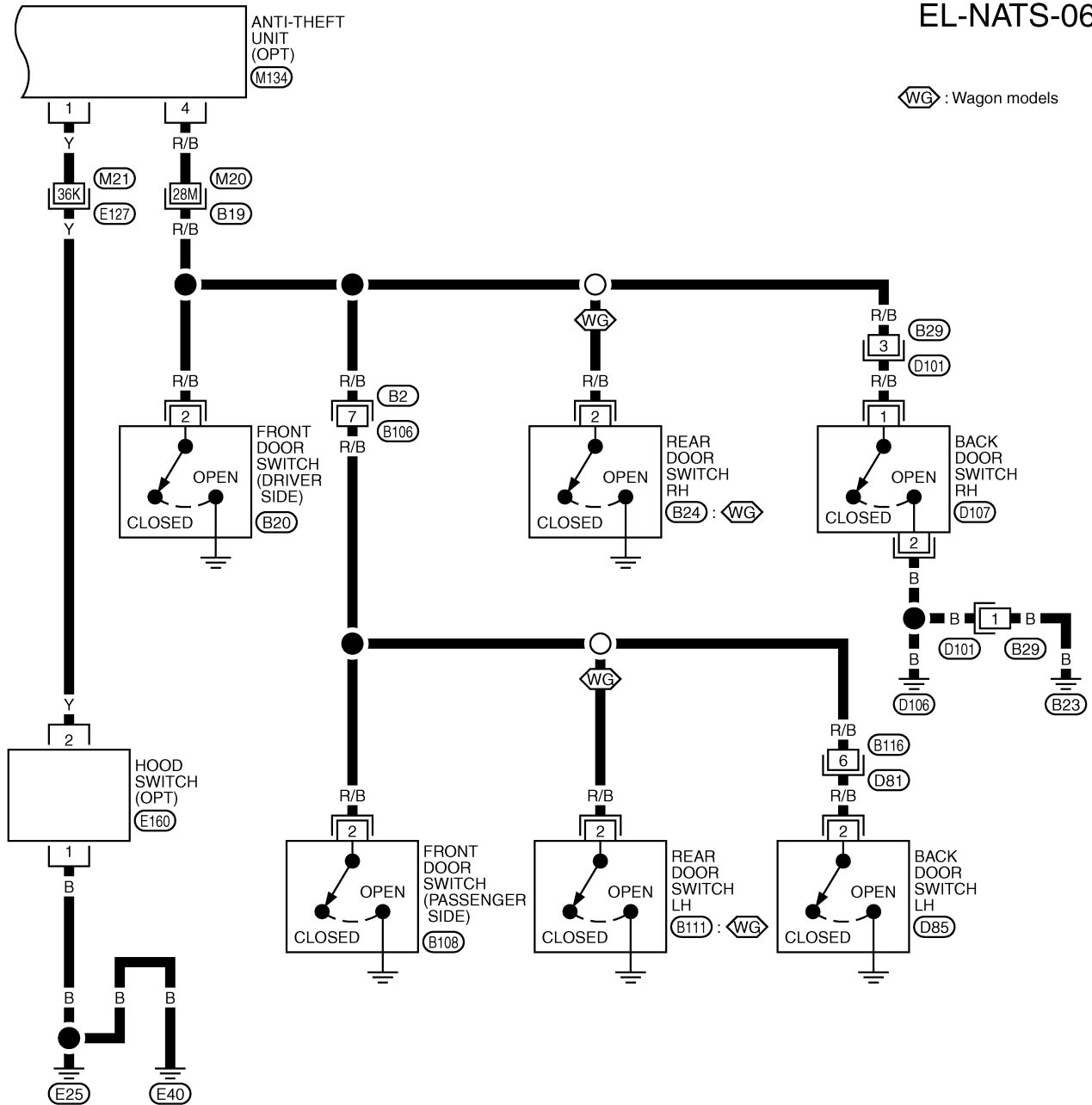


NATS (Nissan Anti-Theft System)/ZD ENGINE MODELS

Wiring Diagram — NATS —/RHD Models for Europe

EL-NATS-06

WG : Wagon models



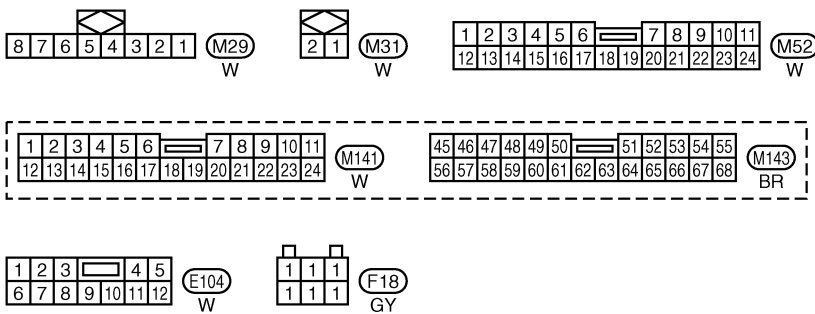
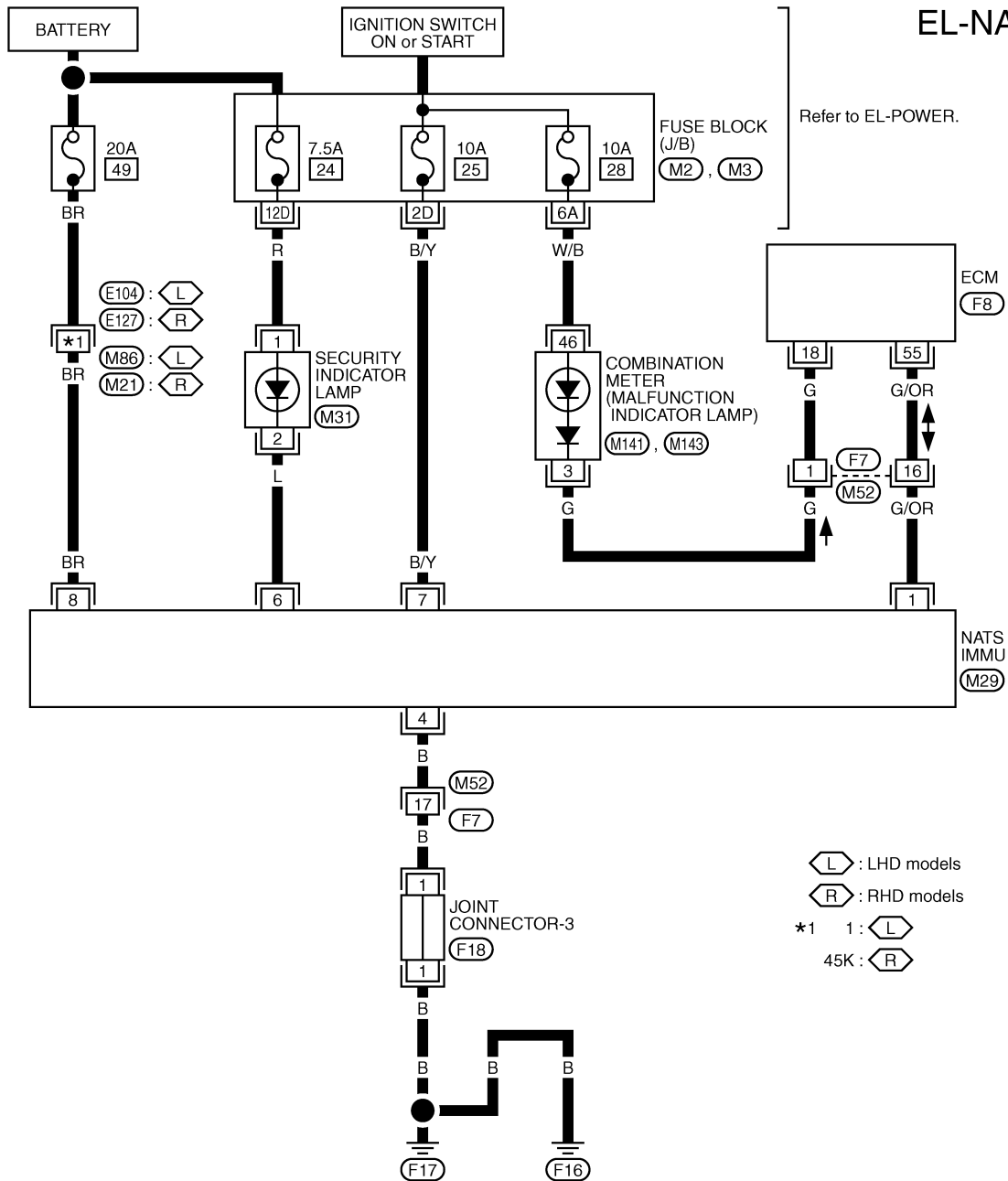
Refer to last page (Foldout page).

M20, B19
M21, E127

NATS (Nissan Anti-Theft System)/ZD ENGINE MODELS

Wiring Diagram — NATS —/Except for Europe

EL-NATS-07



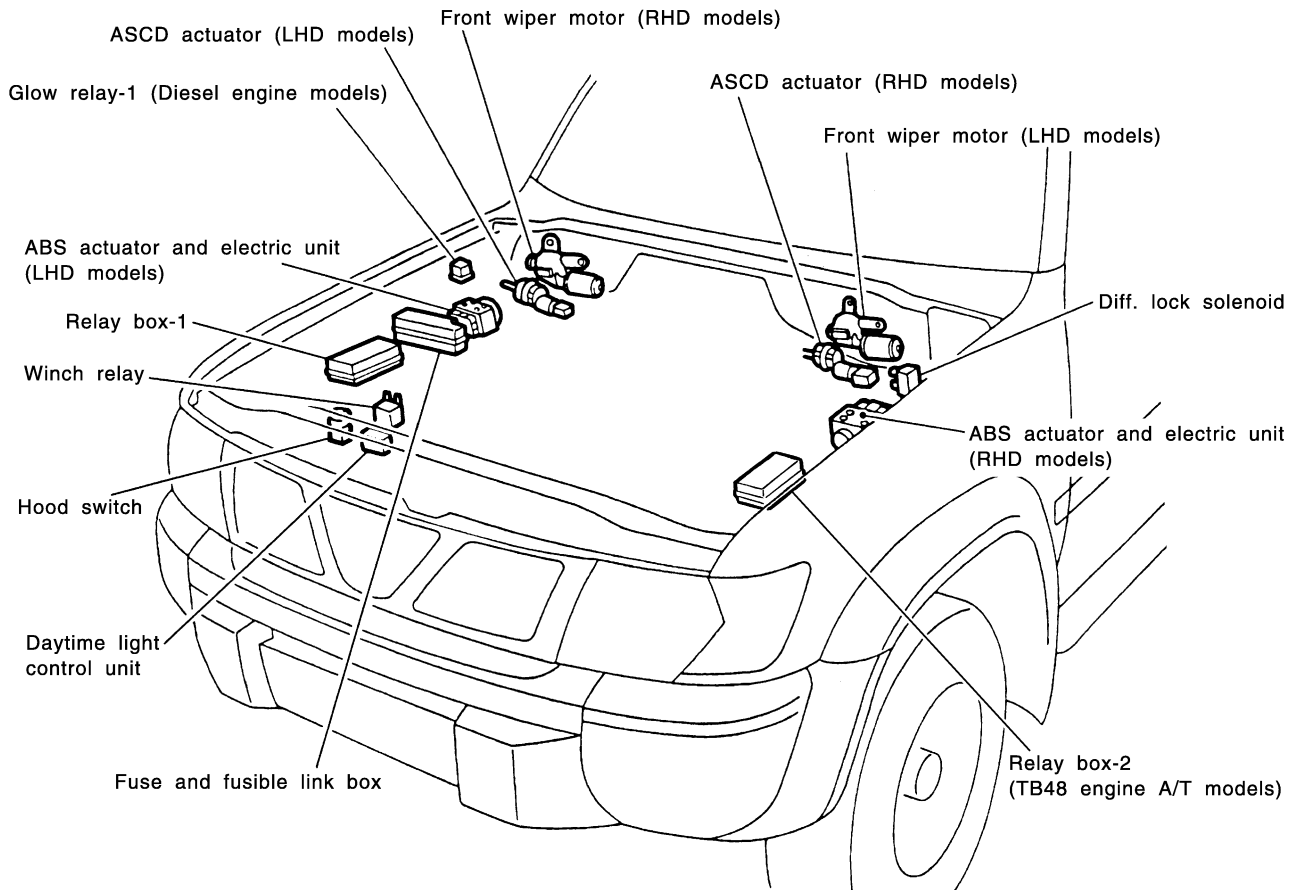
Refer to last page (Foldout page).

(M21), (E127)
 (M2)
 (M3)
 (F8)

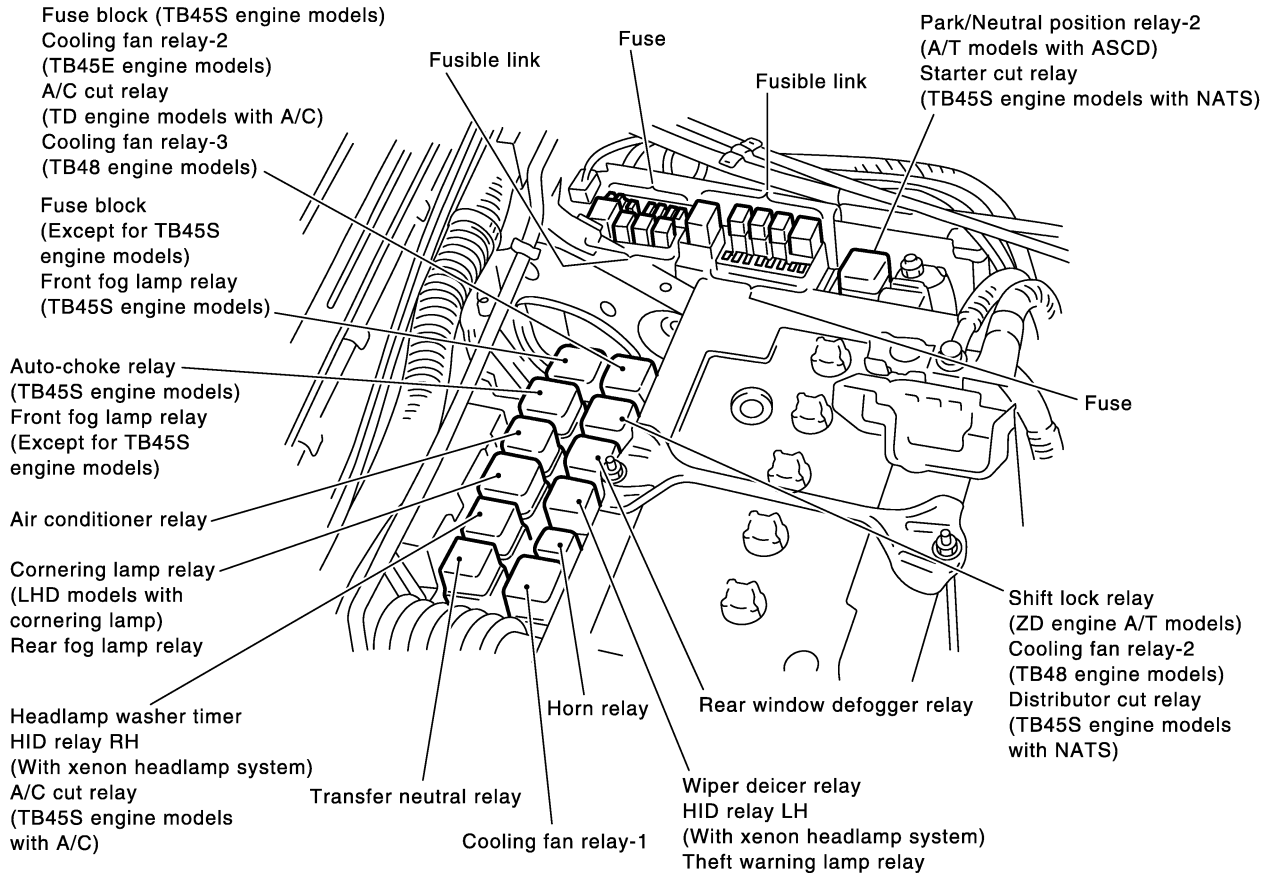
TEL806M

LOCATION OF ELECTRICAL UNITS

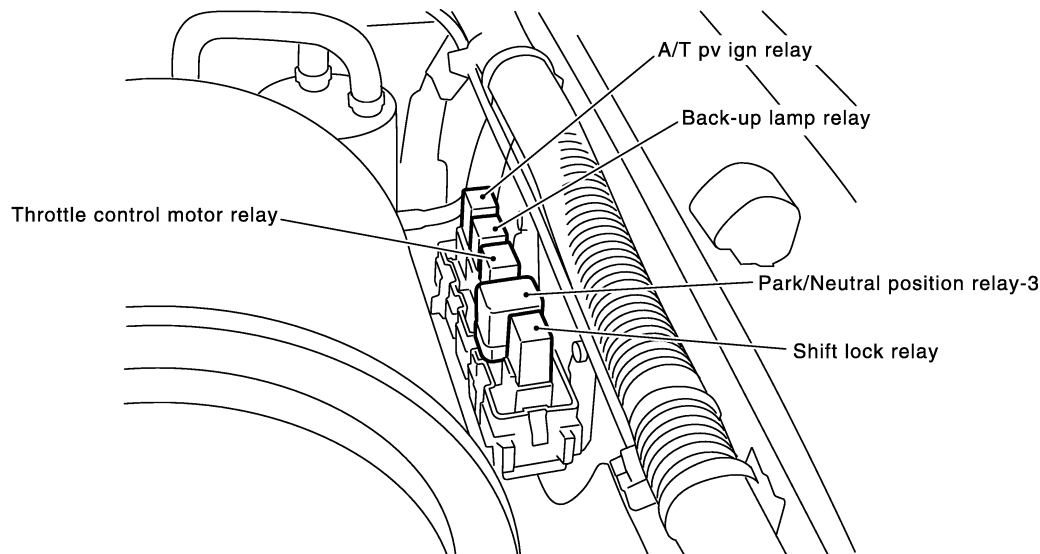
Engine Compartment



Relay box-1 and Fuse and fusible link box

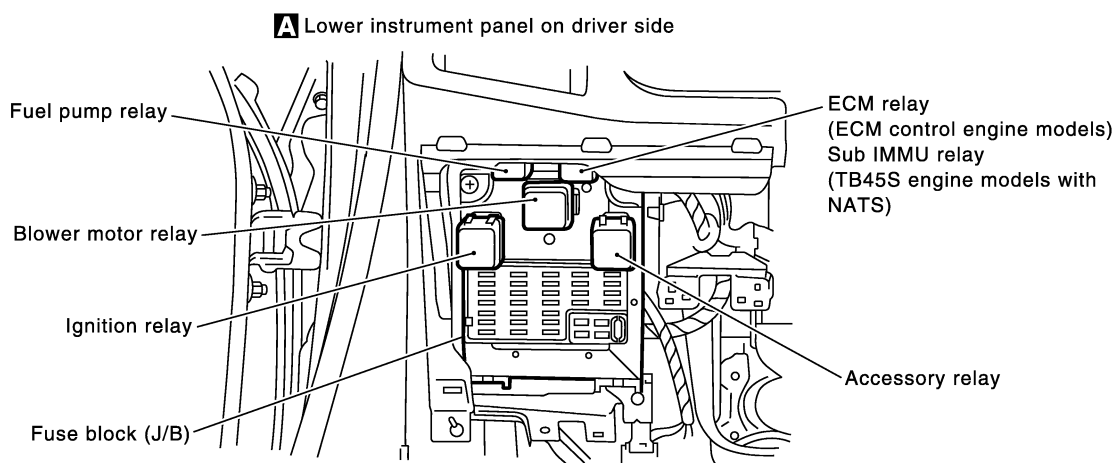
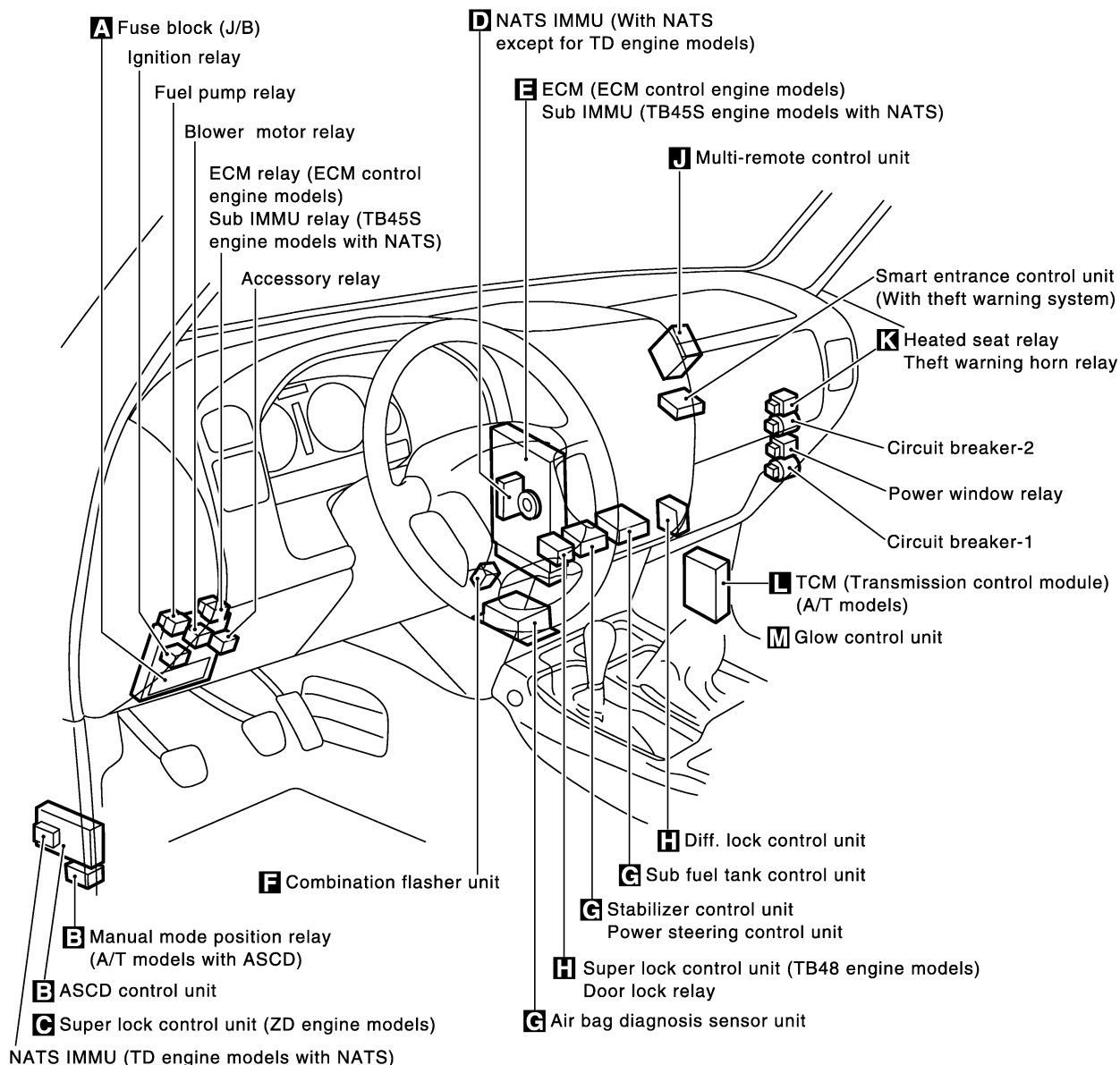


Relay box-2 (TB48 engine A/T models)



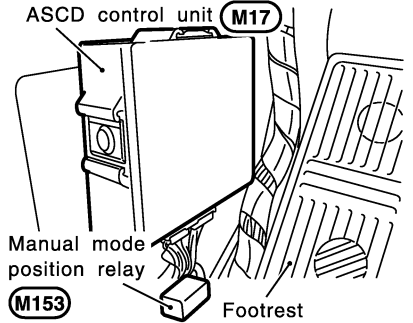
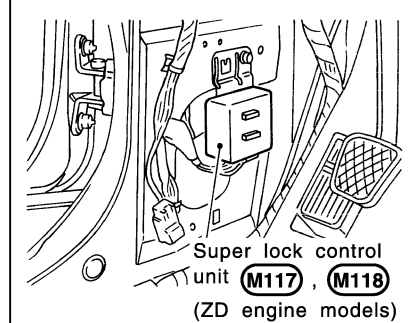
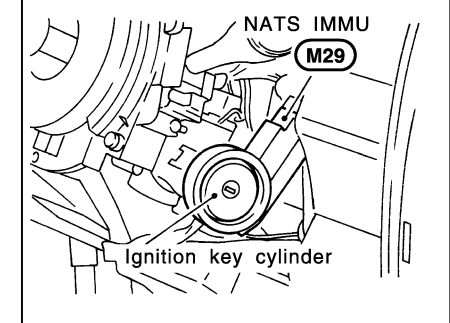
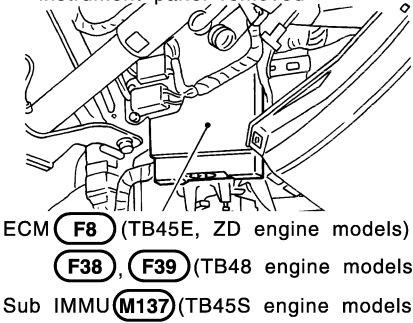
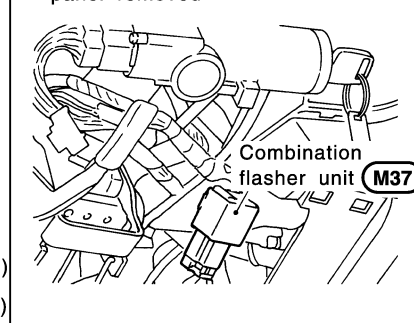
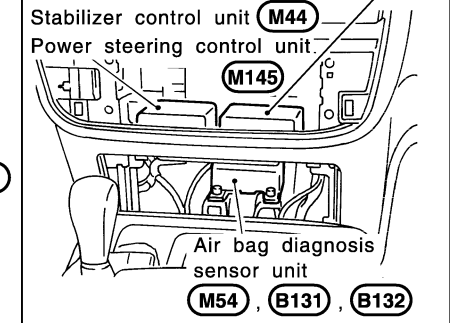
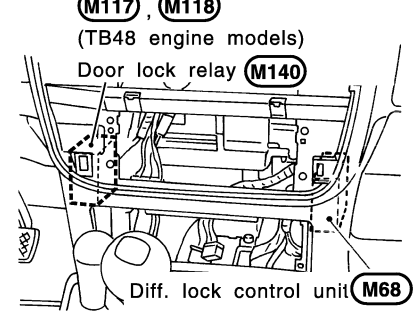
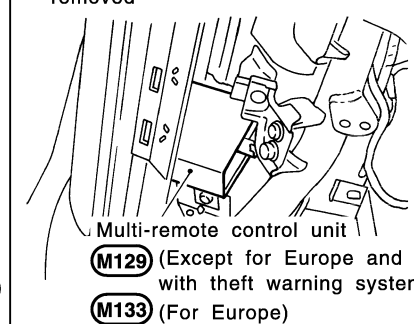
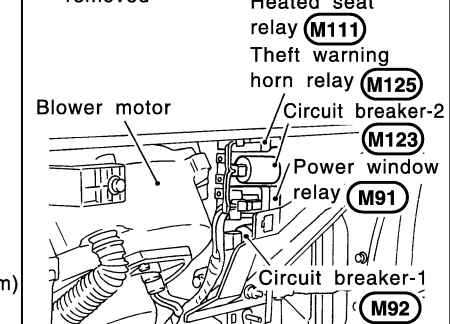
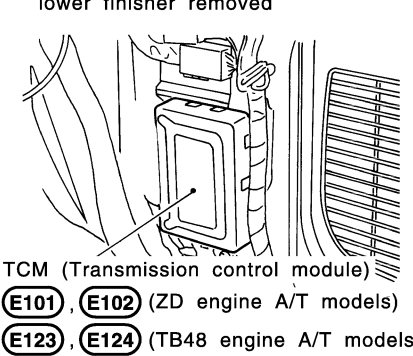
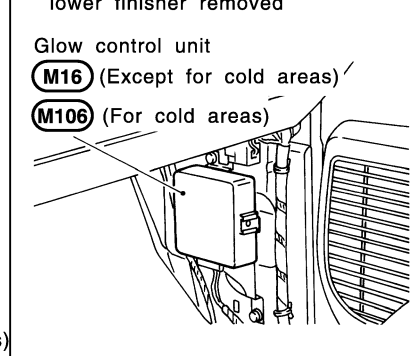
LOCATION OF ELECTRICAL UNITS

Passenger Compartment — LHD Models



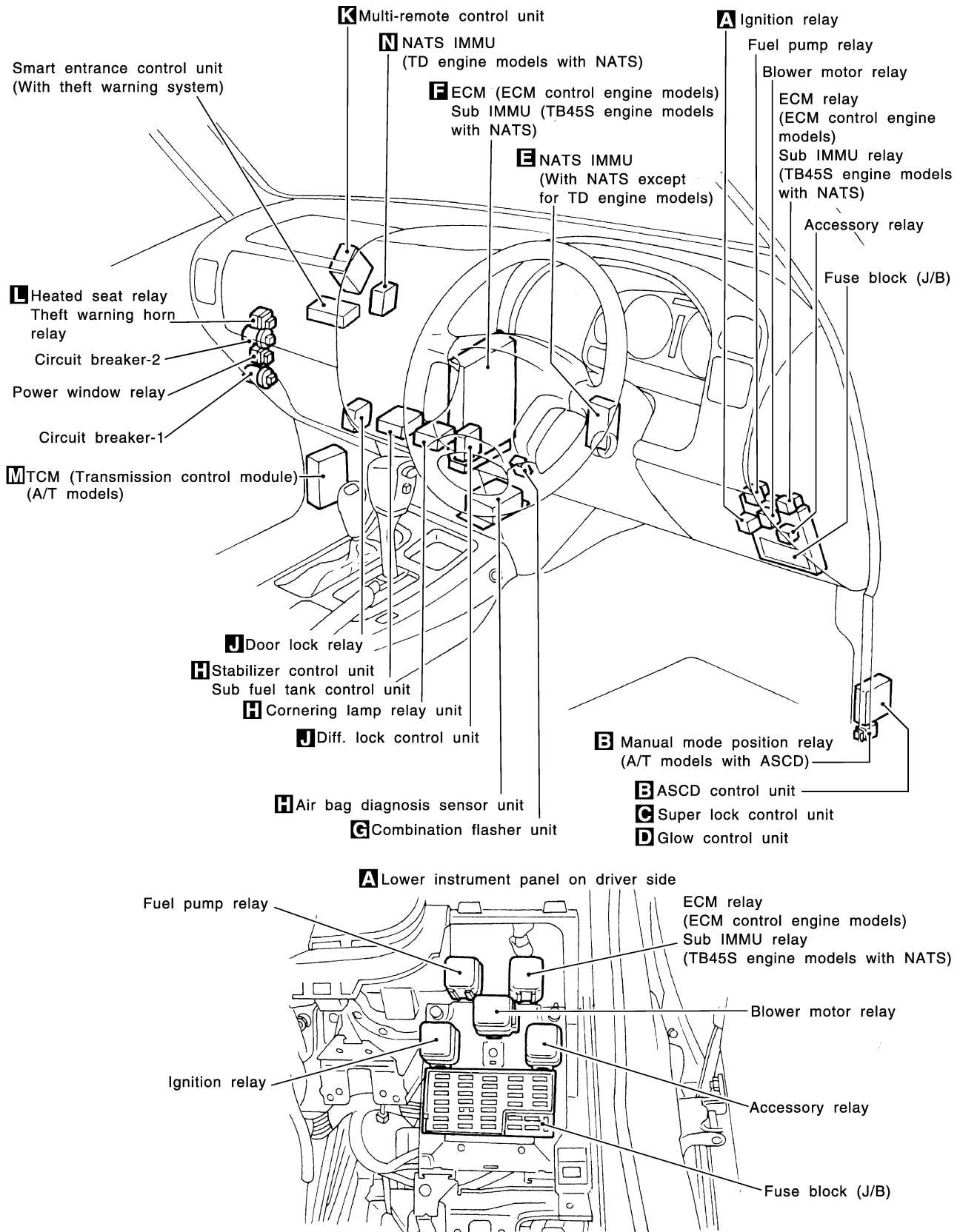
LOCATION OF ELECTRICAL UNITS

Passenger Compartment — LHD Models (Cont'd)

B Driver side view with dash side lower finisher removed ASCD control unit (M17) Manual mode position relay (M153) Footrest 	C Driver side view with dash side lower finisher removed Super lock control unit (M117, M118) (ZD engine models) 	D With NATS except for TD engine models NATS IMMU (M29) Ignition key cylinder 
E Driver side view with lower instrument panel removed ECM (F8) (TB45E, ZD engine models) (F38, F39) (TB48 engine models) Sub IMMU (M137) (TB45S engine models) 	F Driver side view lower instrument panel removed Combination flasher unit (M37) 	G Sub fuel tank control unit (M69) Stabilizer control unit (M44) Power steering control unit (M145) Air bag diagnosis sensor unit (M54, B131, B132) 
H Super lock control unit (M117, M118) (TB48 engine models) Door lock relay (M140) Diff. lock control unit (M68) 	J View with glove box assembly removed Multi-remote control unit (M129) (Except for Europe and with theft warning system) (M133) (For Europe) 	K View with glove box assembly removed Heated seat relay (M111) Theft warning horn relay (M125) Blower motor Circuit breaker-2 (M123) Power window relay (M91) Circuit breaker-1 (M92) 
L Passenger side view with dash side lower finisher removed TCM (Transmission control module) (E101, E102) (ZD engine A/T models) (E123, E124) (TB48 engine A/T models) 	M Passenger side view with dash side lower finisher removed Glow control unit (M16) (Except for cold areas) (M106) (For cold areas) 	

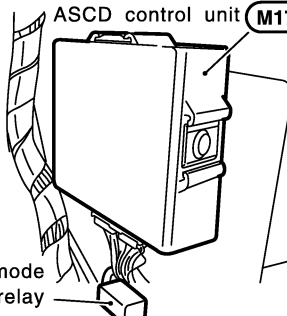
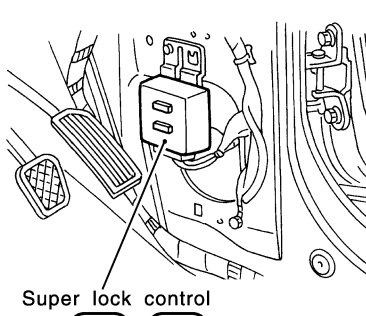
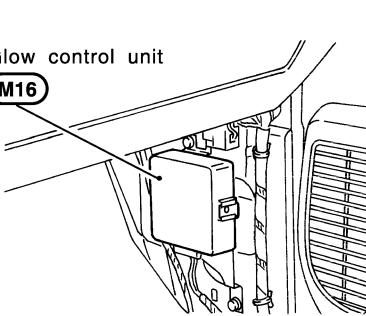
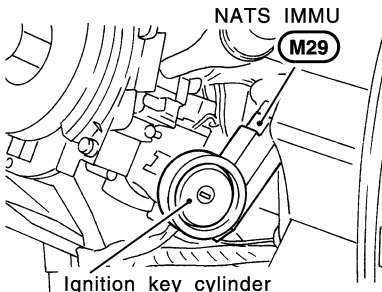
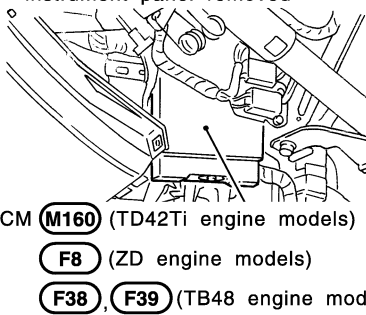
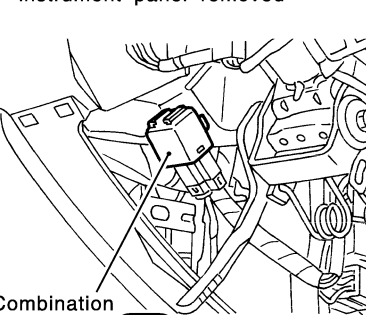
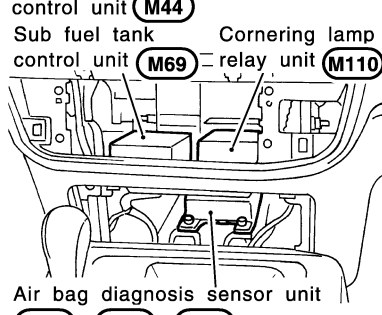
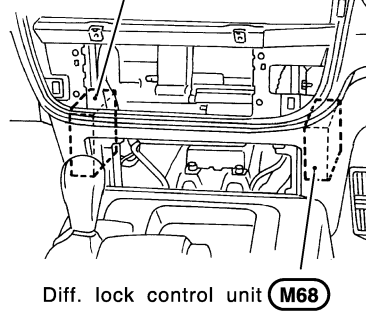
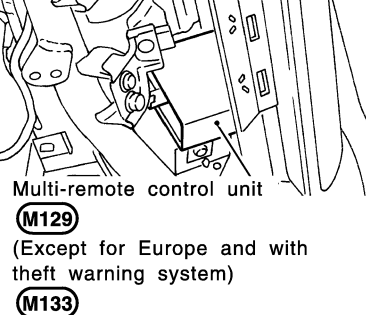
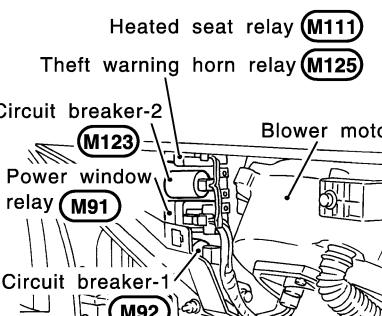
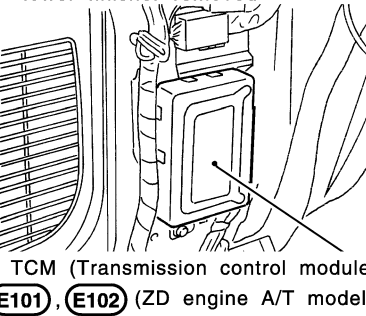
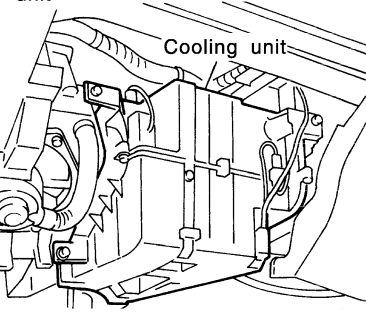
LOCATION OF ELECTRICAL UNITS

Passenger Compartment — RHD Models



LOCATION OF ELECTRICAL UNITS

Passenger Compartment — RHD Models (Cont'd)

B Driver side view with dash side lower finisher removed  ASCD control unit (M17) Manual mode position relay (M153)	C Driver side view with dash side lower finisher removed  Super lock control unit (M117, M118)	D Driver side view with dash side lower finisher removed  Glow control unit (M16)
E With NATS except for TD engine models  NATS IMMU (M29) Ignition key cylinder	F Driver side view with lower instrument panel removed  ECM (M160) (TD42Ti engine models) F8 (ZD engine models) F38, F39 (TB48 engine models) Sub IMMU (M137) (TB45S engine models)	G Driver side view with lower instrument panel removed  Combination flasher unit (M37)
H  Stabilizer control unit (M44) Sub fuel tank Cornering lamp control unit (M69) - relay unit (M110) Air bag diagnosis sensor unit (M54, B44, B45)	J  Door lock relay (M140) Diff. lock control unit (M68)	K View with glove box assembly removed  Multi-remote control unit (M129) (Except for Europe and with theft warning system) M133 (For Europe)
L View with glove box assembly removed  Heated seat relay (M111) Theft warning horn relay (M125) Circuit breaker-2 (M123) Power window relay (M91) Blower motor Circuit breaker-1 (M92)	M Passenger side view with dash side lower finisher removed  TCM (Transmission control module) E101, E102 (ZD engine A/T models) E123, E124 (TB48 engine A/T models)	N NATS IMMU locates behind cooling unit  Cooling unit

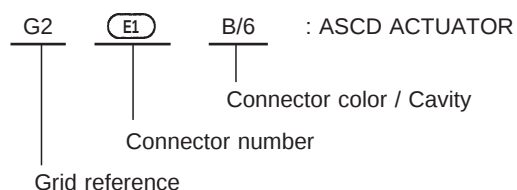
LOCATION OF ELECTRICAL UNITS

NOTE

HARNESS LAYOUT

How to Read Harness Layout

Example:



The following Harness Layouts use a map style grid to help locate connectors on the drawings:

- Main Harness
- Engine Room Harness (Engine Compartment)

To use the grid reference

- 1) Find the desired connector number on the connector list.
- 2) Find the grid reference.
- 3) On the drawing, find the crossing of the grid reference letter column and number row.
- 4) Find the connector number in the crossing zone.
- 5) Follow the line (if used) to the connector.

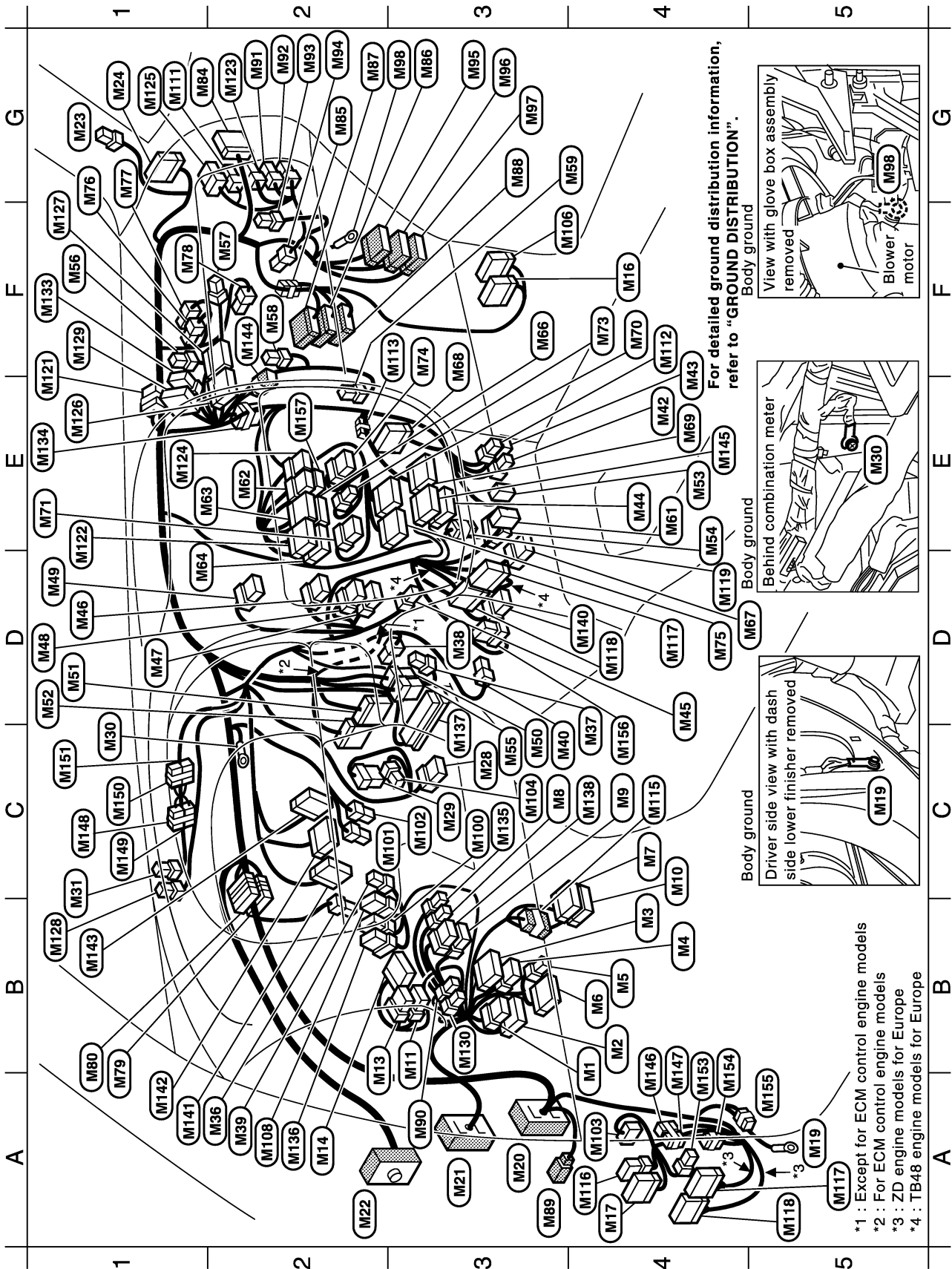
CONNECTOR SYMBOL

Main symbols of connector (in Harness Layout) are indicated in the below.

Connector type	Water proof type		Standard type	
	Male	Female	Male	Female
• Cavity: Less than 4 • Relay connector				
• Cavity: From 5 to 8				
• Cavity: More than 9	—	—		
• Ground terminal etc.	—			

HARNESS LAYOUT

Main Harness/LHD Models



HARNESS LAYOUT

Main Harness/LHD Models (Cont'd)

B4	(M1)	W/8	: Fuse block (J/B)	E4	(M54)	Y/20	: Air bag diagnosis sensor unit
B4	(M2)	BR/16	: Fuse block (J/B)		(M55)	W/8	: To (F35) (TB48 engine models for Europe)
B4	(M3)	GY/16	: Fuse block (J/B)	F1	(M56)	B/2	: Sunload sensor (With front auto A/C)
B4	(M4)	GY/8	: Fuse block (J/B)	F2	(M57)	Y/2	: Air bag module (Passenger side) (With dual air bag system)
B4	(M5)	B/2	: Fuse block (J/B)	F2	(M58)	W/2	: Intake sensor (With front auto A/C)
B4	(M6)	W/12	: Fuse block (J/B)	G3	(M59)	W/3	: Thermo control amp. (Except for the Middle East TB48 engine models with front auto A/C)
C4	(M7)	GY/14	: Data link connector (With CONSULT)	E4	(M61)	W/8	: Rear cooler front switch
C3	(M8)	L/4	: ECM relay (TB45E engine models)	E2	(M62)	W/6	: Radio and cassette player } (Except for Europe)
C4	(M9)	BR/6	: ECM relay (ZD engine models)	E1	(M63)	W/10	: Radio or radio and cassette player }
C4	(M10)	W/16	: Data link connector (With CONSULT-II)	D1	(M64)	W/12	: Radio and cassette player (With CD auto changer except for Europe)
B3	(M11)	W/8	: Headlamp aiming switch				: Radio and cassette player (With front auto A/C)
B2	(M13)	W/6	: Heat up switch	F3	(M66)	W/16	: Diff. lock switch
A2	(M14)	W/10	: Door mirror remote control switch	D4	(M67)	BR/8	: Diff. lock control unit
F4	(M16)	W/12	: Glow control unit (TD engine models except for cold areas)	F3	(M68)	B/12	: Sub fuel tank control unit
A4	(M17)	BR/24	: ASCD control unit	E4	(M69)	BR/16	: A/C auto amp. (With front auto A/C)
A5	(M19)	-	: Body ground	F4	(M70)	GY/16	: Fan switch
A3	(M20)	SMJ	: To (B19)	E1	(M71)	W/6	: Fan switch illumination
A3	(M21)	SMJ	: To (E127)	F4	(M73)	W/3	: Recirculation switch, A/C switch (With front manual A/C)
A2	(M22)	SMJ	: To (D1)	F3	(M74)	W/8	: A/C auto amp. (With front auto A/C)
G1	(M23)	W/3	: Tweeter RH				
G1	(M24)	W/10	: To (R1)				
	(M28)	Y/7	: Spiral cable	D4	(M75)	GY/20	: A/C auto amp. } (With front auto A/C)
C3	(M29)	W/8	: NATS IMMU (With NATS except for TD engine models)	G1	(M76)	W/4	: Intake door motor } (With front manual A/C)
C1	(M30)	-	: Body ground	G1	(M77)	W/4	: Intake door motor (With front manual A/C)
C1	(M31)	W/2	: Security indicator lamp (With NATS except for china and TB45S engine models with theft warning system)	F1	(M78)	W/4	: Fan control amp. (With front auto A/C)
				B1	(M79)	W/20	: Joint connector-1
				B1	(M80)	B/12	: Joint connector-2
A1	(M36)	L/2	: ASCD clutch switch (M/T models with ASCD)	G1	(M84)	W/18	: To (D21)
D4	(M37)	B/3	: Combination flasher unit	G2	(M85)	W/2	: Diode (With front manual A/C)
D3	(M38)	W/3	: Mode door motor (With front auto A/C)	G3	(M86)	W/12	: To (E104)
A1	(M39)	W/3	: Illumination control switch	G2	(M87)	W/16	: To (E105)
D4	(M40)	W/3	: Air mix door motor (With front auto A/C)	G3	(M88)	W/24	: To (E106)
E4	(M42)	B/2	: Cigarette lighter	A3	(M89)	BR/1	: To (B58)
F4	(M43)	B/2	: Front power socket	A3	(M90)	L/4	: Fuel pump relay (TB48 and TB45E engine models)
E4	(M44)	W/12	: Stabilizer control unit	G2	(M91)	L/4	: Power window relay
D3	(M45)	W/2	: In-vehicle sensor (With front auto A/C)	G2	(M92)	W/2	: Circuit breaker-1
D1	(M46)	W/6	: Rear window defogger switch	G2	(M93)	BR/4	: Blower resistor (With front manual A/C)
D1	(M47)	BR/8	: Headlamp washer switch	G2	(M94)	W/2	: Blower motor
D1	(M48)	BR/6	: Sub fuel tank switch	G3	(M95)	W/10	: To (B104)
D1	(M49)	W/8	: Hazard switch	G3	(M96)	W/16	: To (B103)
D3	(M50)	W/6	: To (F5) (TB48 engine models except for Europe. TB45E and ZD engine models)	G3	(M97)	W/12	: To (B102)
				G3	(M98)	-	: Body ground
D1	(M51)	W/16	: To (F6)	C3	(M100)	L/6	: Stabilizer switch
D1	(M52)	W/24	: To (F7)	C2	(M101)	B/2	: Stop lamp switch
E4	(M53)	W/8	: Rear heater front switch				

HARNESS LAYOUT

Main Harness/LHD Models (Cont'd)

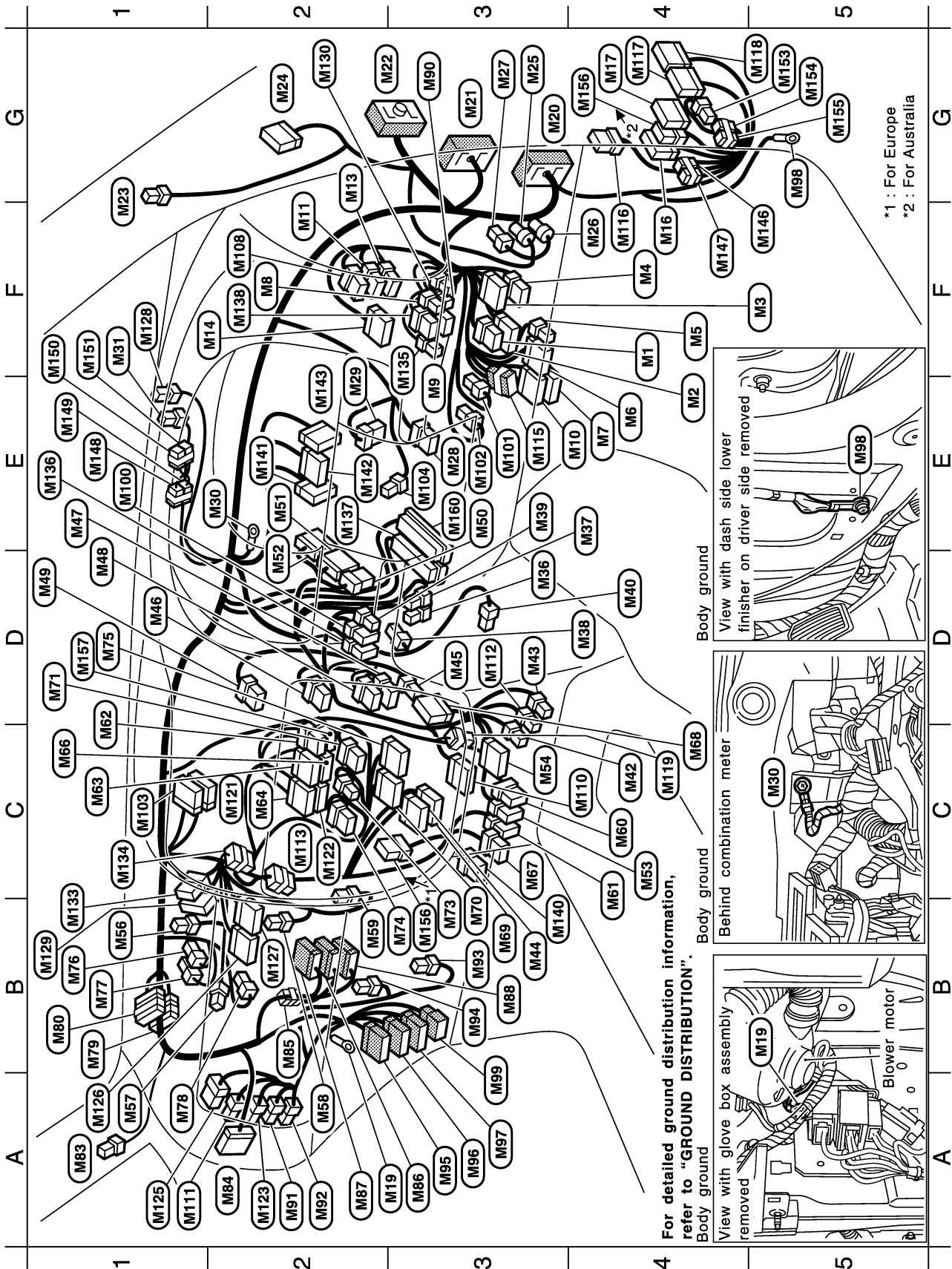
C3	M102	L/2	: ASCD brake switch		C1	M149	W/2	: Resistor		
A4	M103	W/12	: NATS IMMU	{ (TD engine models with NATS)	C1	M150	W/2	: Resistor	{ (TD engine models with theft warning system)	
C3	M104	W/4	: NATS antenna amp.		C1	M151	W/2	: Resistor		
F3	M106	W/16	: Glow control unit (TD engine models for cold areas)		A4	M153	L/4	: Manual mode position relay		{ (A/T models with ASCD)
A2	M108	B/6	: Front fog lamp switch		A4	M154	W/2	: Diode		
G1	M111	L/4	: Heated seat relay		A4	M155	W/2	: Diode (TB48 engine A/T models)		
E4	M112	B/1	: Cigarette lighter illumination		M156	W/4	: Resistor (ZD engine models for Europe)			
F2	M113	W/2	: Resistor (With diff lock)		E2	M157	W/4	: CD auto changer (Cluster lid) (Via sub-harness)		
C4	M115	W/8	: Check connector					(Located in the cluster lid)		
A4	M116	W/6	: Fuel pump control module (FPCM)	{ (TB45S engine models)	Diode	M85				
A5	M117	GY/16	: Super lock control unit (ZD engine models for Europe)							
D4	M117	GY/16	: Super lock control unit (TB48 engine models for Europe)		Fuse block (J/B)					Recirculation switch
A5	M118	GY/20	: Super lock control unit (ZD engine models for Europe)		Diode	M146				
D4	M118	GY/20	: Super lock control unit (TB48 engine models for Europe)		Fuel pump control module (FPCM)					Alternator
D3	M119	W/3	: Jumping connector		Diode	M147				
E1	M121	BR/8	: Not used		Fuel pump control module (FPCM)					Oil pressure switch
E1	M122	W/16	: Radio and cassette player (With audio steering wheel switch except for Europe)		Diode	M154				
G2	M123	W/2	: Radio and cassette player (With audio steering wheel switch for Europe)		Manual mode position relay					A/T device (Mode select switch)
G1	M125	BR/6	: Theft warning horn relay		Diode	M155				
E1	M126	W/18	: Smart entrance control unit	{ (With theft warning system)	Combination meter					A/T device (Mode select switch)
F1	M127	B/24	: Smart entrance control unit		Resistor	M113				
B1	M128	BR/2	: Security indicator lamp (For china and TB45S engine models with theft warning system)		Fuse block (J/B)					Diff. lock control unit ABS actuator and electric unit (Control unit)
F1	M129	W/16	: Multi-remote control unit (Except for Europe and with theft warning system)		Resistor	M148 , M149 , M150 , M151				
B3	M130	L/4	: Fuel pump relay (TB45S engine models)		Resistor	M148				
F1	M133	BR/8	: Multi-remote control unit	{ (For Europe)	Smart entrance control unit					
E1	M134	W/6	: Anti-theft unit (Opt)		Resistor	M149				Security indicator lamp
C3	M135	L/4	: Sub IMMU relay (TB45S engine models with NATS)		Resistor	M150				NATS IMMU
A2	M136	W/6	: Door lock and unlock switch		Resistor	M151				
C3	M137	SMJ	: Sub IMMU (TB45S engine models with NATS)		Resistor	M156				
C4	M138	BR/6	: ECM Relay (TB48 engine models)		Fuse block (J/B)					ECM Engine oil pressure switch-1 ECM
D3	M140	W/6	: Door lock relay		Combination meter					
A1	M141	W/24	: Combination meter		Engine oil pressure switch-2					
A1	M142	BR/20	: Combination meter							
B1	M143	BR/24	: Combination meter							
F2	M144	BR/2	: Not used							
E4	M145	B/12	: Power steering control unit							
A4	M146	W/2	: Diode	{ (TB45S engine models)						
A4	M147	W/2	: Diode							
C1	M148	W/2	: Resistor (TD engine models with theft warning system)							

HARNESS LAYOUT

NOTE

HARNESS LAYOUT

Main Harness/RHD Models



HARNESS LAYOUT

Main Harness/RHD Models (Cont'd)

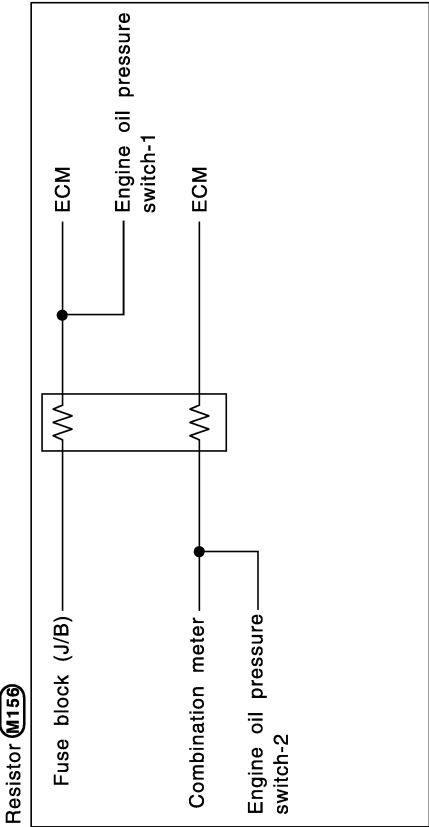
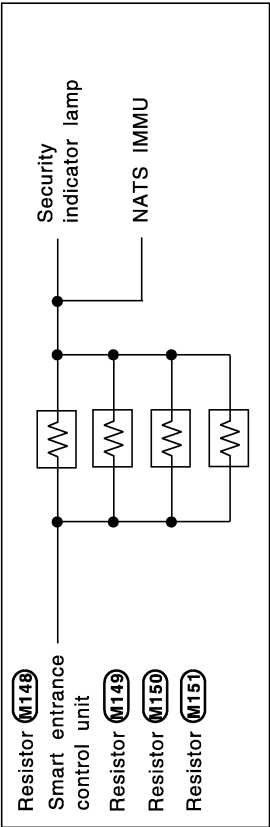
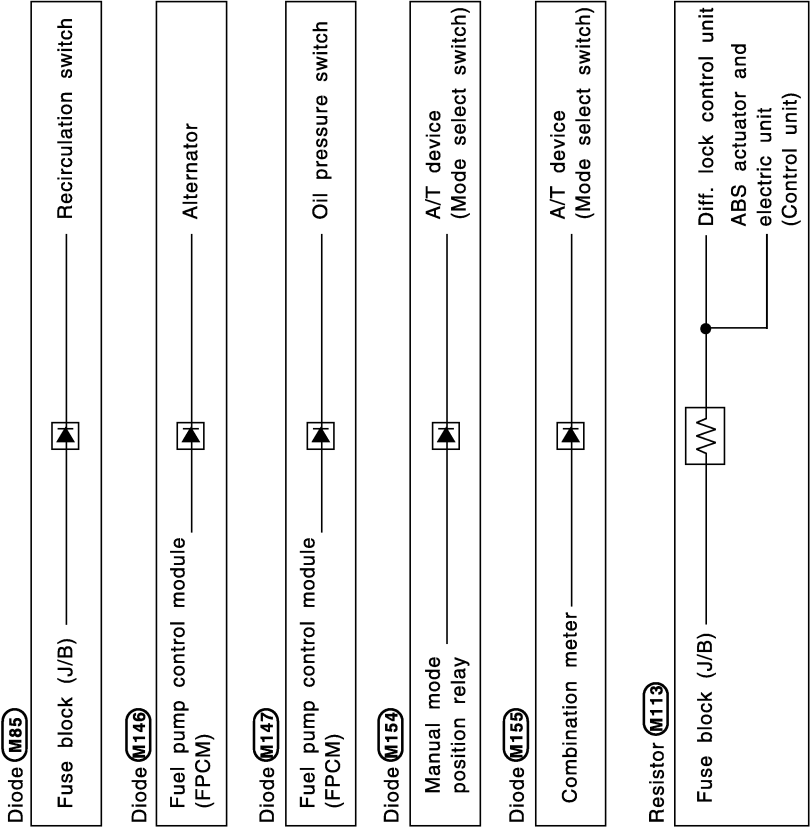
F4	(M1)	W/8	: Fuse block (J/B)	D1	(M46)	W/6	: Rear window defogger switch
E4	(M2)	BR/16	: Fuse block (J/B)	E1	(M47)	BR/8	: Headlamp washer switch
F4	(M3)	GY/16	: Fuse block (J/B)	D1	(M48)	BR/6	: Sub fuel tank switch
F4	(M4)	GY/8	: Fuse block (J/B)	D1	(M49)	W/8	: Hazard switch
F4	(M5)	B/2	: Fuse block (J/B)	E2	(M50)	W/6	: To (F5)
E4	(M6)	W/12	: Fuse block (J/B)	D2	(M51)	W/16	: To (F6)
E3	(M7)	GY/14	: Data link connector (With CONSULT)	E2	(M52)	W/24	: To (F7)
(M8)	L/4	: ECM relay (TD42Ti engine models)	C1	(M53)	W/8	: Rear heater front switch	
G2	(M9)	BR/6	: ECM relay (ZD engine models)	C3	(M54)	Y/20	: Air bag diagnosis sensor unit
E4	(M10)	W/16	: Data link connector (With CONSULT-II)	B1	(M56)	B/2	: Sunload sensor (With front auto A/C)
D4	(M11)	W/8	: Headlamp aiming switch	A1	(M57)	Y/2	: Air bag module (Passenger side) (With dual air bag system)
G2	(M13)	W/6	: Heat up switch	B2	(M58)	W/2	: Intake sensor (With front auto A/C)
F1	(M14)	W/10	: Door mirror remote control switch	B2	(M59)	W/3	: Thermo control amp.
G4	(M16)	W/12	: Glow control unit	C2	(M60)	L/6	: Power antenna switch
G4	(M17)	BR/24	: ASCD control unit	(M61)	W/8	: Rear cooler front switch	
A2	(M19)	-	: Body ground	D1	(M62)	W/6	: Radio and cassette player
G3	(M20)	SMJ	: To (B19)	C1	(M63)	W/10	: Radio or radio and cassette player } (Except for Europe)
G3	(M21)	SMJ	: To (E127)	C2	(M64)	W/12	: Radio and cassette player (With CD auto changer)
G2	(M22)	SMJ	: To (D1)	D1	(M66)	W/16	: Radio and cassette player (For Europe)
G1	(M23)	W/3	: Tweeter RH	C4	(M67)	BR/8	: Diff. lock switch
G2	(M24)	W/10	: To (R1)	B3	(M68)	B/12	: Diff. lock control unit
G3	(M25)	BR/3	: Accelerator position sensor	(M69)	BR/16	: Sub fuel tank control unit	
F5	(M26)	GY/3	: Accelerator position switch	C3	(M70)	GY/16	: A/C auto amp. (With front auto A/C)
G3	(M27)	W/3	: Accelerator switch (F/C)	D1	(M71)	W/6	: Fan switch
E3	(M28)	Y/7	: Spiral cable	C3	(M73)	W/3	: Fan switch illumination } (With front manual A/C)
E2	(M29)	W/8	: NATS IMMU (With NATS except for TD engine models)	B3	(M74)	W/8	: Recirculation switch
E2	(M30)	-	: Body ground	D1	(M75)	GY/20	: A/C auto amp. } (With front auto A/C)
E1	(M31)	W/2	: Security indicator lamp	B1	(M76)	W/4	: Intake door motor
			(With NATS except for TB45S engine models with theft warning system)	B1	(M77)	W/4	: Intake door motor (With front manual A/C)
D3	(M36)	L/2	: ASCD clutch switch (M/T models with ASCD)	A1	(M78)	W/4	: Fan control amp. (With front auto A/C)
E3	(M37)	B/3	: Combination flasher unit	B1	(M79)	W/20	: Joint connector-1
D3	(M38)	W/3	: Mode door motor (With front auto A/C)	B1	(M80)	B/12	: Joint connector-2
E3	(M39)	W/3	: Illumination control switch	A1	(M83)	W/3	: Tweeter LH
D4	(M40)	W/3	: Air mix door motor (With front auto A/C)	A2	(M84)	W/18	: To (D21)
C4	(M42)	B/2	: Cigarette lighter	A1	(M85)	W/2	: Diode (With front manual A/C)
	(M43)	B/2	: Front power socket	A3	(M86)	BR/16	: To (E104)
C4	(M44)	W/12	: Stabilizer control unit	A2	(M87)	W/16	: To (E105)
	(M45)	W/2	: In-vehicle sensor (With front auto A/C)	B3	(M88)	W/24	: To (E106)
				(M90)	L/4	: Fuel pump relay (TB48 engine models)	
				A2	(M91)	L/4	: Power window relay
				A2	(M92)	W/2	: Circuit breaker-1
				B3	(M93)	BR/4	: Blower resistor (With front manual A/C)

HARNESS LAYOUT

Main Harness/RHD Models (Cont'd)

B3	M194	W/2	: Blower motor	G4	M146	W/2	: Diode	} (TB45S engine models)
A3	M195	W/16	: To M101	F4	M147	W/2	: Diode	
A3	M196	W/20	: To M102	E1	M148	W/2	: Resistor	
A3	M197	W/16	: To M103	E1	M149	W/2	: Resistor	
G5	M198	-	: Body ground	F1	M150	W/2	: Resistor	
B3	M199	W/6	: To M104	F1	M151	W/2	: Resistor	
E1	M100	L/6	: Stabilizer switch	G5	M153	L/4	: Manual mode position relay	} (A/T models with ASCD)
E3	M101	B/2	: Stop lamp switch	G5	M154	W/2	: Diode	
E3	M102	L/2	: ASCD brake switch	G5	M155	W/2	: Diode (TB48 engine A/T models)	
C1	M103	W/12	: NATS IMMU	B3,G4	M156	W/4	: Resistor (ZD engine models for Europe and Australia)	
E2	M104	W/4	: NATS antenna amp. }		M157	W/4	: CD auto changer (Cluster lid) (Via sub-harness) (Located in the cluster lid)	
F2	M108	B/6	: Front fog lamp switch		M160	SMJ	: ECM (TD42Ti engine models)	
C3	M110	W/10	: Cornering lamp relay unit					
A1	M111	L/4	: Heated seat relay					
D4	M112	B/1	: Cigarette lighter illumination					
B2	M113	W/2	: Resistor (With diff. lock)					
E3	M115	W/8	: Check connector					
G4	M116	W/6	: Fuel pump control module (FPCM) }					
G4	M117	GY/16	: Super lock control unit					
G4	M118	GY/20	: Super lock control unit					
C4	M119	W/3	: Jumping connector					
C2	M121	BR/8	: Dongle unit					
C2	M122	W/16	: Radio and cassette player (With audio steering wheel switch)					
A2	M123	W/2	: Circuit breaker-2					
A1	M125	BR/6	: Theft warning horn relay					
A1	M126	W/18	: Smart entrance control unit }					
B2	M127	B/24	: Smart entrance control unit }					
F1	M128	BR/2	: Security indicator lamp (TB45S engine models with theft warning system)					
B2	M129	W/16	: Multi-remote control unit (Except for Europe and with theft warning system)					
G2	M130	L/4	: Fuel pump relay (TB45S engine models)					
B1	M133	BR/8	: Multi-remote control unit (For Europe)					
C1	M134	W/6	: Anti-theft unit (Opt)					
F3	M135	L/4	: Sub IMMU relay (TB45S engine models with NATS)					
E1	M136	W/6	: Door lock and unlock switch					
E3	M137	SMJ	: Sub IMMU (TB45S engine models with NATS)					
F2	M138	BR/6	: ECM relay (TB48 engine models)					
	M140	W/6	: Door lock relay					
E2	M141	W/24	: Combination meter					
E2	M142	BR/20	: Combination meter					
F2	M143	BR/24	: Combination meter					

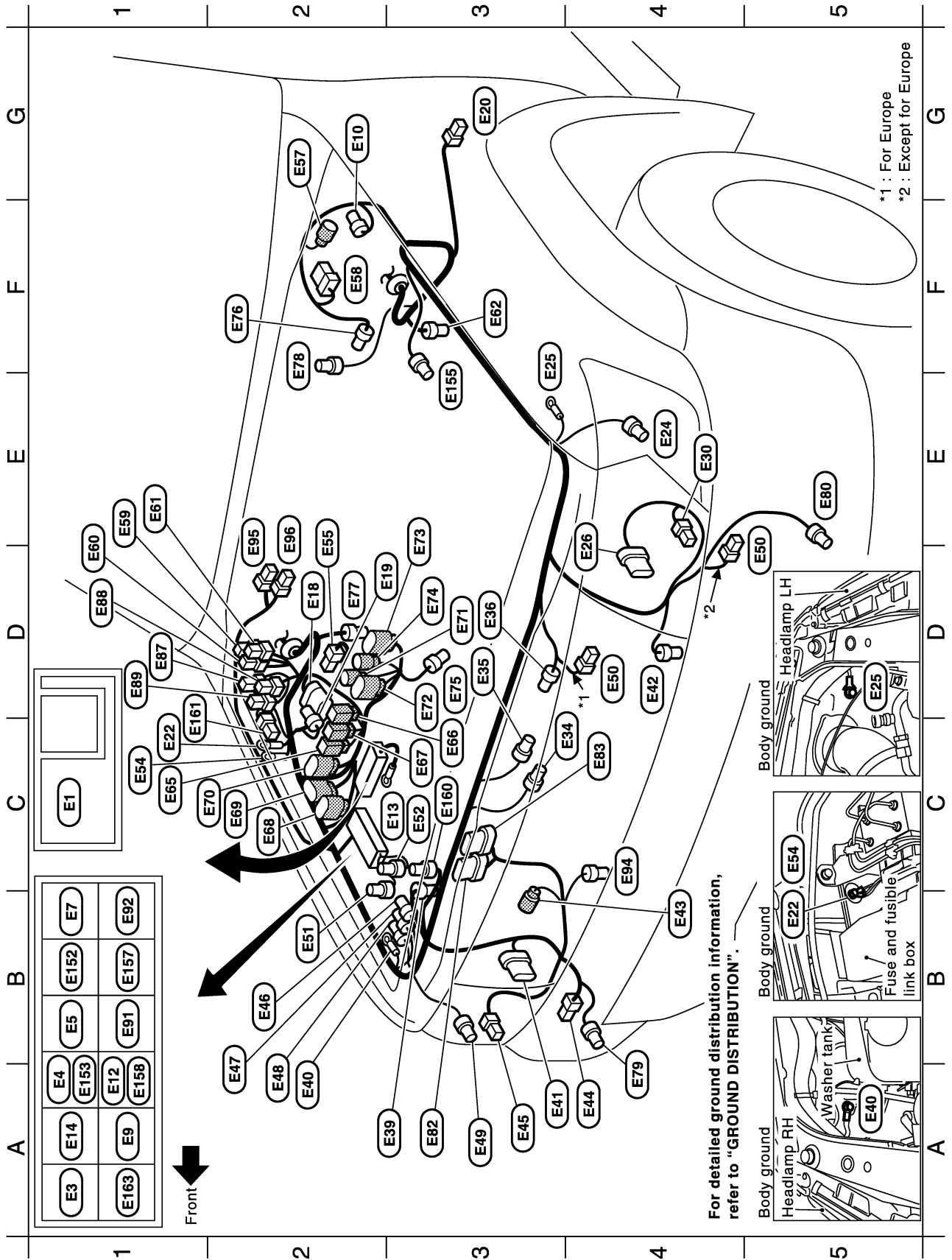
HARNESS LAYOUTMain Harness/RHD Models (Cont'd)



HARNESS LAYOUT

DIESEL ENGINE MODELS

Engine Room Harness/LHD Models



HARNESS LAYOUT

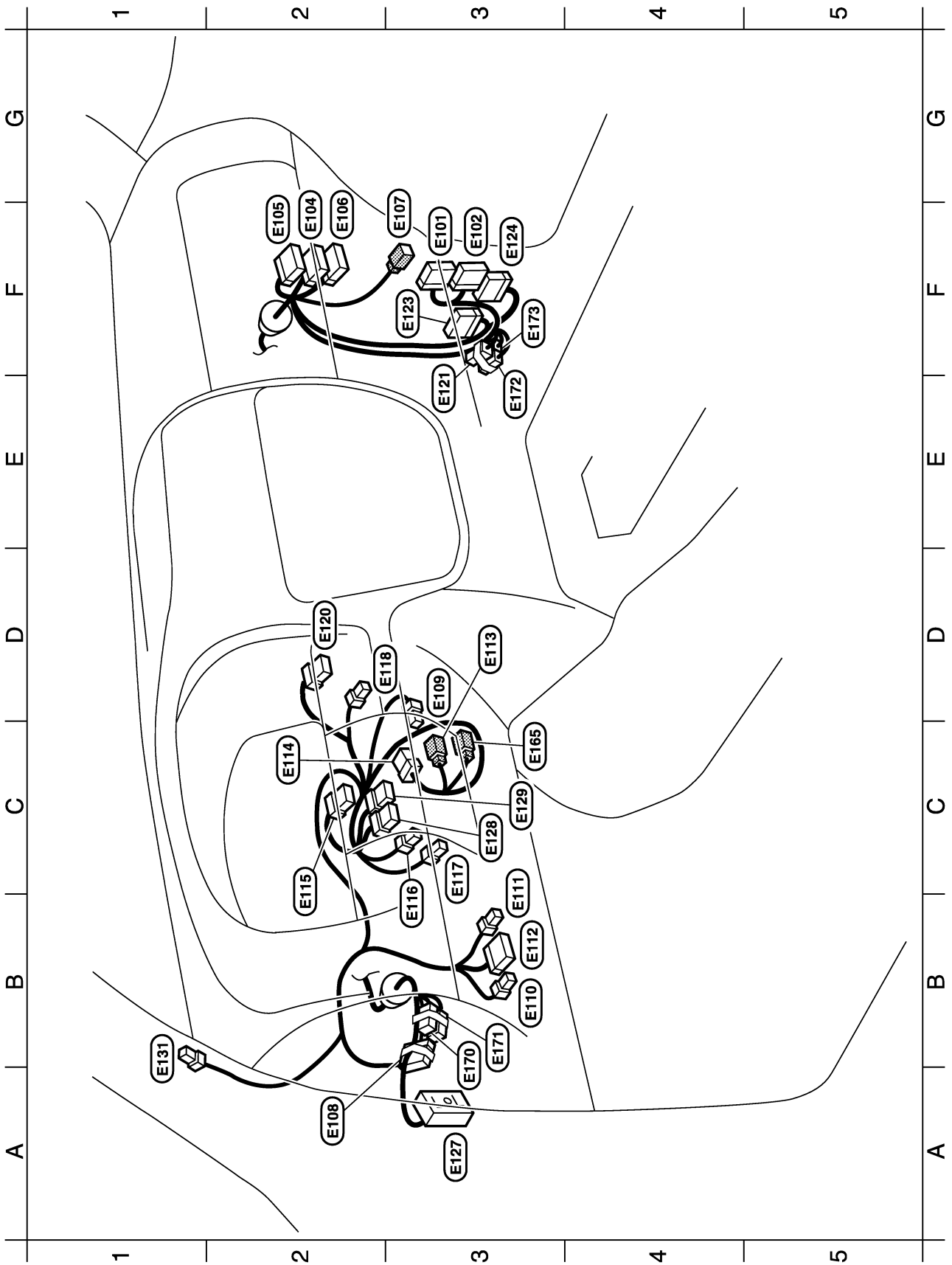
Engine Room Harness/LHD Models (Cont'd)

C1	(E1)	—	: Fuse and fusible link box	E1	(E61)	W/1	: Glow relay-1	
A1	(E3)	GY/6	: Transfer neutral relay	F3	(E62)	BR/2	: Front wheel sensor LH (With ABS)	
A1	(E4)	L/4	: Cornering lamp relay	C1	(E65)	B/2	: To (E204)	
B1	(E5)	BR/6	: Air conditioner relay	C3	(E66)	L/2	: To (E203)	
B1	(E7)	—	: Fuse block	C3	(E67)	R/2	: To (E223)	
A1	(E9)	W/3	: Horn relay	C2	(E68)	SB/8	: To (E222) (TD engine models)	
G2	(E10)	SB/4	: Diff. lock solenoid	C2	(E69)	GY/8	: To (E202)	
A1	(E12)	L/4	: Wiper deicer relay	C2	(E70)	GY/10	: To (E201)	
C2	(E13)	—	: Battery (+)	D3	(E71)	GY/3	: Revolution sensor	} (A/T models)
A1	(E14)	BR/6	: Headlamp washer timer	D3	(E72)	BR/8	: A/T solenoid valve	
D2	(E18)	SMJ	: ABS actuator and electric unit	D3	(E73)	GY/8	: Park/Neutral position switch	
D3	(E19)	GY/3	: Power antenna	D3	(E74)	GY/2	: Park/Neutral position switch	
G3	(E20)	B/2	: Side turn signal lamp LH	D3	(E75)	BR/2	: Fuel filter switch (Except for Europe)	
C1	(E22)	—	: Body ground (With ABS)	F2	(E76)	GY/2	: Brake fluid level switch	
E4	(E24)	SB/4	: Front combination lamp LH	D2	(E77)	GY/2	: Front wheel sensor RH (With ABS)	
F3	(E25)	—	: Body ground	F2	(E78)	GY/2	: Dropping resistor (A/T models)	
D4	(E26)	SB/6	: Headlamp aiming motor LH	C4	(E79)	BR/2	: Front fog lamp RH	
E4	(E30)	B/3	: Headlamp LH	D4	(E80)	BR/2	: Front fog lamp LH	
C3	(E34)	B/2	: Ambient air temperature sensor (With compass and thermometer)	A3	(E82)	GY/8	: Daytime light control unit	
D3	(E35)	B/2	: Ambient sensor (With front auto A/C)	C4	(E83)	GY/6	: Daytime light control unit	
D3	(E36)	GY/4	: Cooling fan motor-1	D1	(E87)	G/2	: Grow relay-2	} (TD engine models for cold areas)
A2	(E39)	B/2	: Dual-pressure switch	D1	(E88)	W/1	: Grow relay-2	
A2	(E40)	—	: Body ground	D1	(E89)	W/1	: Grow relay-2	
A4	(E41)	SB/6	: Headlamp aiming motor RH	B1	(E91)	BR/6	: Rear window defogger relay	
D4	(E42)	GY/2	: Engine coolant temperature switch-2 (TD engine models with A/C)	A1	(E92)	B/5	: A/C cut relay	
B4	(E43)	GY/2	: To (E18) (With electrical winch)	C4	(E94)	GY/2	: Engine coolant temperature switch-1	} (TD engine models with A/C)
B4	(E44)	B/1	: Horn low	D2	(E95)	B/1	: IACV-FICD solenoid valve	
A3	(E45)	B/3	: Headlamp RH	D2	(E96)	B/1	: IACV-FICD solenoid valve	
B2	(E46)	GY/2	: Front washer motor	B1	(E152)	L/4	: Front fog lamp relay	
A2	(E47)	BR/2	: Rear washer motor	A1	(E153)	L/4	: Rear fog lamp relay	
A2	(E48)	GY/2	: Headlamp washer motor	E3	(E155)	B/2	: Exhaust gas control valve control solenoid valve (ZD engine models)	
A3	(E49)	SB/4	: Front combination lamp RH	B1	(E157)	B/5	: Shift lock relay (A/T models)	
D4	(E50)	B/1	: Horn high	A1	(E158)	BR/6	: Theft warning lamp relay	
B2	(E51)	BR/2	: Park/Neutral position relay-1	C3	(E160)	GY/2	: Hood switch	
C3	(E52)	BR/2	: Park/Neutral position relay-1	C1	(E161)	B/1	: Theft warning horn	
C1	(E54)	—	: Body ground	A1	(E163)	BR/6	: Cooling fan relay-1	
D2	(E55)	B/2	: Side turn signal lamp RH					
G2	(E57)	B/2	: Wiper deicer					
F2	(E58)	W/6	: Front wiper motor					
E1	(E59)	GI/2	: Grow relay-1					
E1	(E60)	W/1	: Grow relay-1					

HARNESS LAYOUT

Engine Room Harness/LHD Models (Cont'd)

PASSENGER COMPARTMENT

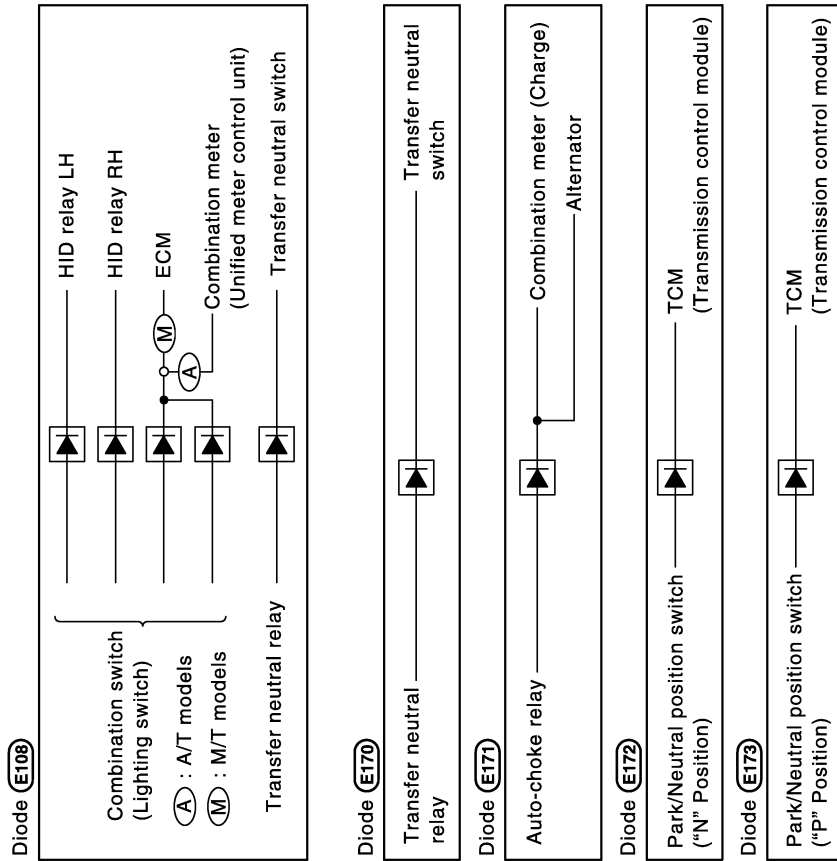


CEL466M

HARNESS LAYOUT

Engine Room Harness/LHD Models (Cont'd)

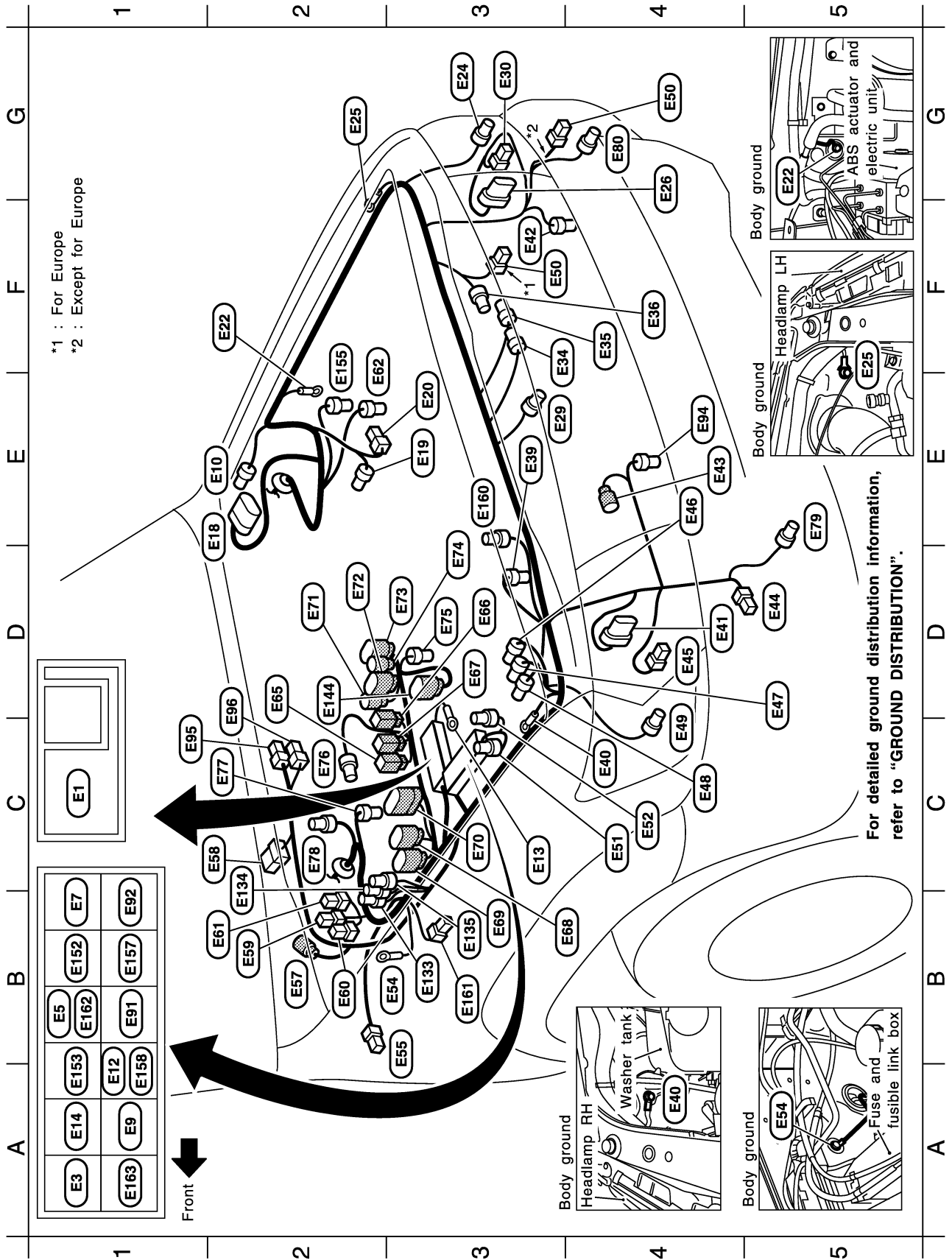
E101	W/24	:	TCM (Transmission control module)	} (ZD engine A/T models)
E102	GY/24	:	TCM (Transmission control module)	
E104	W/12	:	To M86	
E105	W/16	:	To M87	
E106	W/24	:	To M88	
E107	W/2	:	To E101	
E108	L/10	:	Diode (TB48 engine models)	
E109	B/1	:	Horn switch (Without air bag)	
E110	B/2	:	Fuse block (J/B)	
E111	W/4	:	Fuse block (J/B)	
E112	W/16	:	Fuse block (J/B)	
E113	BR/2	:	Key switch (Except for TD engine models with NATS)	
E114	W/6	:	Ignition switch	
E115	BR/8	:	Combination switch	} (Lighting switch)
E116	BR/4	:	Combination switch	
E117	BR/3	:	Combination switch (Cornering lamp switch)	
E118	W/4	:	Combination switch (Rear wiper switch)	
E120	GY/8	:	Combination switch (Front wiper switch)	
E121	GY/2	:	Condenser (TB45S engine models)	
E123	W/24	:	TCM (Transmission control module)	} (TB48 engine A/T model
E124	GY/24	:	TCM (Transmission control module)	
E127	SMJ	:	To M21	
E128	W/6	:	Combination switch (Rear fog lamp switch)	
E129	W/6	:	Combination switch (Front and rear fog lamp switch)	
E131	W/3	:	Tweeter LH	
E165	W/2	:	Key switch (TD engine models with NATS)	
E170	W/2	:	Diode (Except for TB48 engine models)	
E171	W/2	:	Diode (TB45S engine models)	
E172	W/2	:	Diode	} (ZD engine A/T models)
E173	W/2	:	Diode	



HARNESS LAYOUT

DIESEL ENGINE MODELS

Engine Room Harness/RHD Models



HARNESS LAYOUT

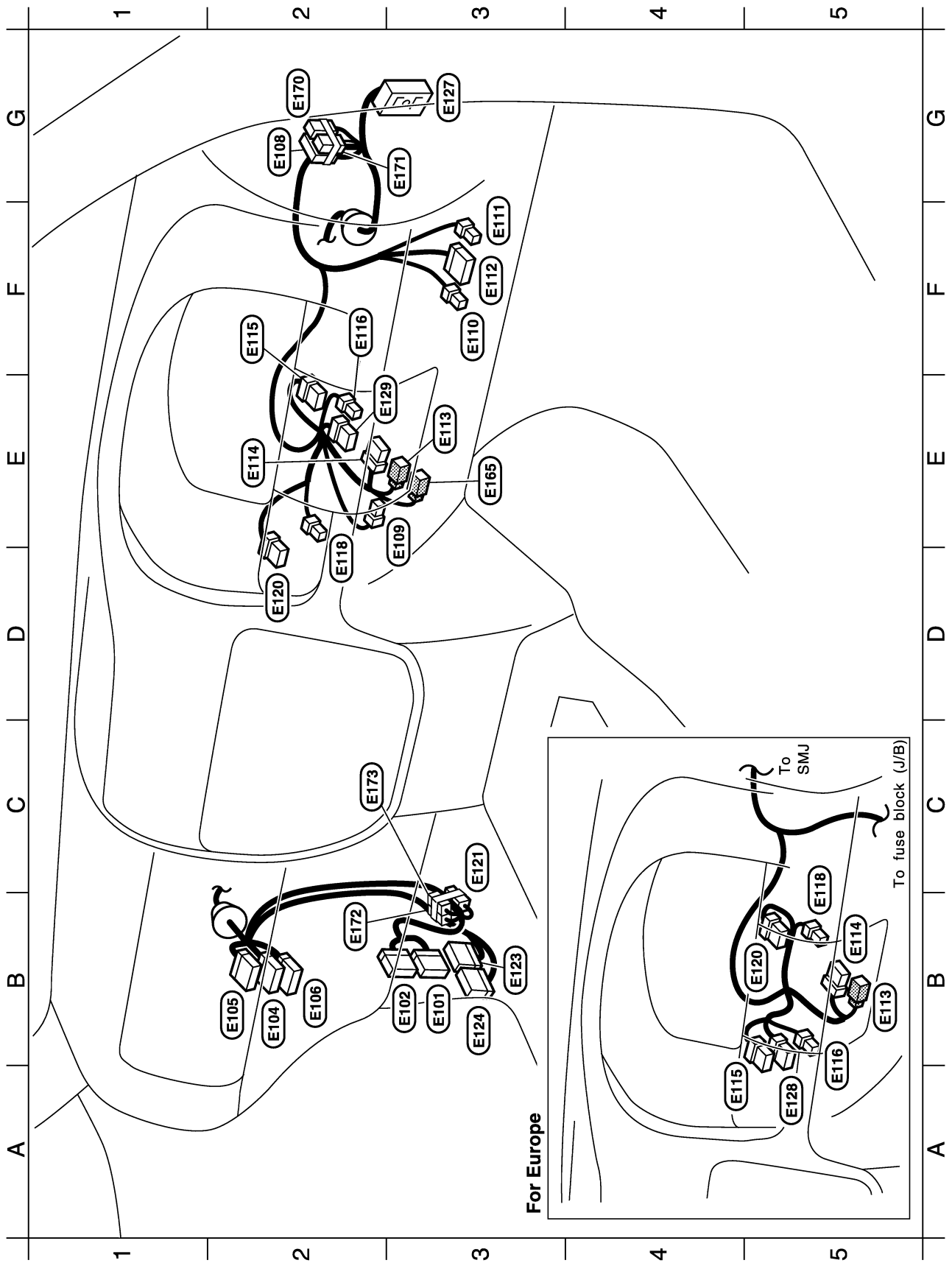
Engine Room Harness/RHD Models (Cont'd)

C1	<u>E1</u>	-	Fuse and fusible link box	B3	<u>E54</u>	-	Body ground
A1	<u>E3</u>	GY/6	Transfer neutral relay	B3	<u>E55</u>	B/2	Side turn signal lamp RH
B1	<u>E5</u>	BR/6	Air conditioner relay (TD42 and ZD engine models)	B2	<u>E57</u>	B/2	Wiper deicer
B1	<u>E7</u>	-	Fuse block	C2	<u>E58</u>	W/6	Front wiper motor
A1	<u>E9</u>	W/3	Horn relay	B2	<u>E59</u>	G/2	Glow relay-1
E2	<u>E10</u>	SB/4	Diff. lock solenoid	B2	<u>E60</u>	W/1	Glow relay-1
B1	<u>E12</u>	L/4	Wiper deicer relay	B2	<u>E61</u>	W/1	Glow relay-1
C3	<u>E13</u>	-	Battery (+)	E2	<u>E62</u>	BR/2	Front wheel sensor LH (With ABS)
A1	<u>E14</u>	BR/6	Headlamp washer timer	D2	<u>E65</u>	B/2	To <u>E204</u>
E2	<u>E18</u>	SMJ	ABS actuator and electric unit	D3	<u>E66</u>	L/2	To <u>E203</u>
E3	<u>E19</u>	SB/4	Power antenna	D3	<u>E67</u>	R/2	To <u>E223</u>
E3	<u>E20</u>	B/2	Side turn signal lamp LH	B4	<u>E68</u>	SB/8	To <u>E222</u> (TD engine models)
F2	<u>E22</u>	-	Body ground (With ABS)	B3	<u>E69</u>	GY/8	To <u>E202</u>
G3	<u>E24</u>	SB/4	Front combination lamp LH	C3	<u>E70</u>	GY/10	To <u>E201</u>
G2	<u>E25</u>	-	Body ground	D2	<u>E71</u>	GY/3	Revolution sensor
G4	<u>E26</u>	SB/6	Headlamp aiming motor LH	D2	<u>E72</u>	BR/8	A/T solenoid valve
	<u>E29</u>	B/2	Charge air temperature sensor	D3	<u>E73</u>	GY/8	Park/Neutral position switch
G3	<u>E30</u>	B/3	Headlamp LH	D3	<u>E74</u>	GY/2	Park/Neutral position switch
F3	<u>E34</u>	B/2	Ambient air temperature sensor (With compass and thermometer)	D3	<u>E75</u>	BR/2	Fuel filter switch
F4	<u>E35</u>	B/2	Ambient sensor (With auto A/C)	C2	<u>E76</u>	GY/2	Brake fluid level switch
F4	<u>E36</u>	GY/4	Cooling fan motor-1	C2	<u>E77</u>	GY/2	Front wheel sensor RH (With ABS)
E3	<u>E39</u>	B/2	Dual-pressure switch	C2	<u>E78</u>	GY/2	Dropping resistor (A/T models)
C4	<u>E40</u>	-	Body ground	E5	<u>E79</u>	BR/2	Front fog lamp RH
D4	<u>E41</u>	SB/6	Headlamp aiming motor RH	G4	<u>E80</u>	BR/2	Front fog lamp LH
F3	<u>E42</u>	GY/2	Engine coolant temperature switch-2 (TD engine models with A/C)	B1	<u>E91</u>	BR/6	Rear window defogger relay
E4	<u>E43</u>	GY/2	To <u>E181</u> (With electrical winch)	A1	<u>E92</u>	B/5	A/C cut relay
D5	<u>E44</u>	B/1	Horn low	E4	<u>E94</u>	GY/2	Engine coolant temperature switch-1
D4	<u>E45</u>	B/3	Headlamp RH	C1	<u>E95</u>	B/1	IACV-FICD solenoid valve
E4	<u>E46</u>	GY/2	Front washer motor	C2	<u>E96</u>	B/1	IACV-FICD solenoid valve
D5	<u>E47</u>	BR/2	Rear washer motor		<u>E133</u>	BR/2	EGRC-solenoid valve
C4	<u>E48</u>	GY/2	Headlamp washer motor		<u>E134</u>	B/2	Throttle control solenoid valve-1
C4	<u>E49</u>	SB/4	Front combination lamp RH		<u>E135</u>	B/2	Throttle control solenoid valve-2
F4, G4	<u>E50</u>	B/1	Horn high		<u>E144</u>	BR/8	To <u>E234</u>
C4	<u>E51</u>	BR/2	Park/Neutral position relay-1	B1	<u>E152</u>	L/4	Front fog lamp relay
C4	<u>E52</u>	BR/2	Park/Neutral position relay-1	A1	<u>E153</u>	L/4	Rear fog lamp relay
				E2	<u>E155</u>	B/2	Exhaust gas control valve control solenoid valve (ZD engine models)
				B1	<u>E157</u>	B/5	Shift lock relay (A/T models)
				A1	<u>E158</u>	BR/6	Theft warning lamp relay
				E3	<u>E160</u>	GY/2	Hood switch
				B3	<u>E161</u>	B/1	Theft warning horn
				A1	<u>E163</u>	BR/6	Cooling fan relay-1
				B1	<u>E162</u>	L/4	Air conditioner relay (TD42Ti engine models)

HARNESS LAYOUT

Engine Room Harness/RHD Models (Cont'd)

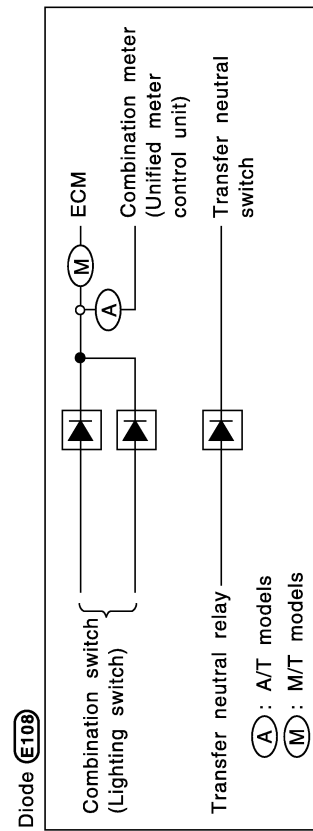
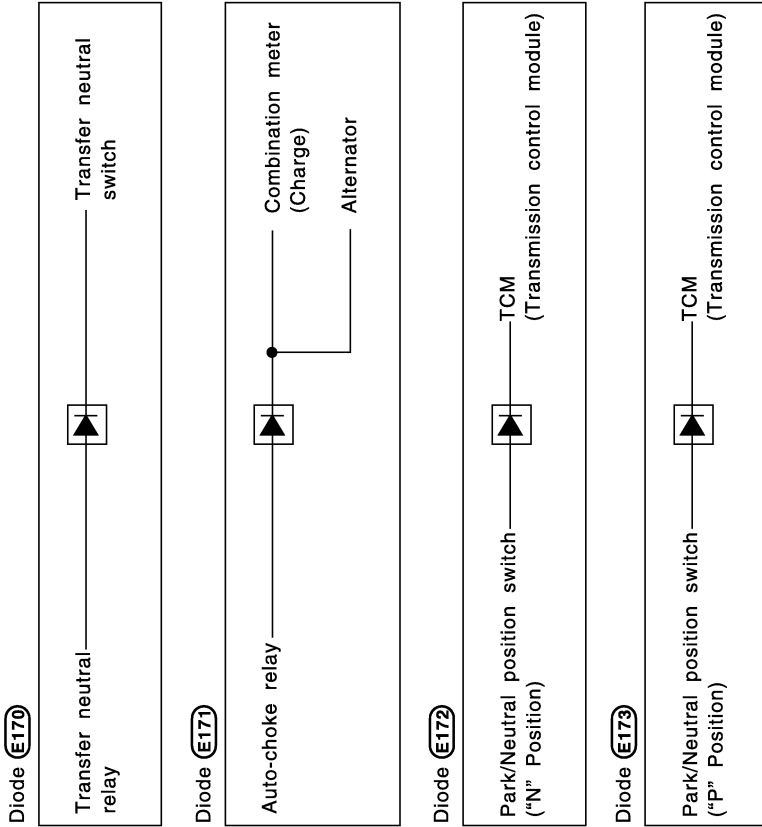
PASSENGER COMPARTMENT



HARNESS LAYOUT

Engine Room Harness/RHD Models (Cont'd)

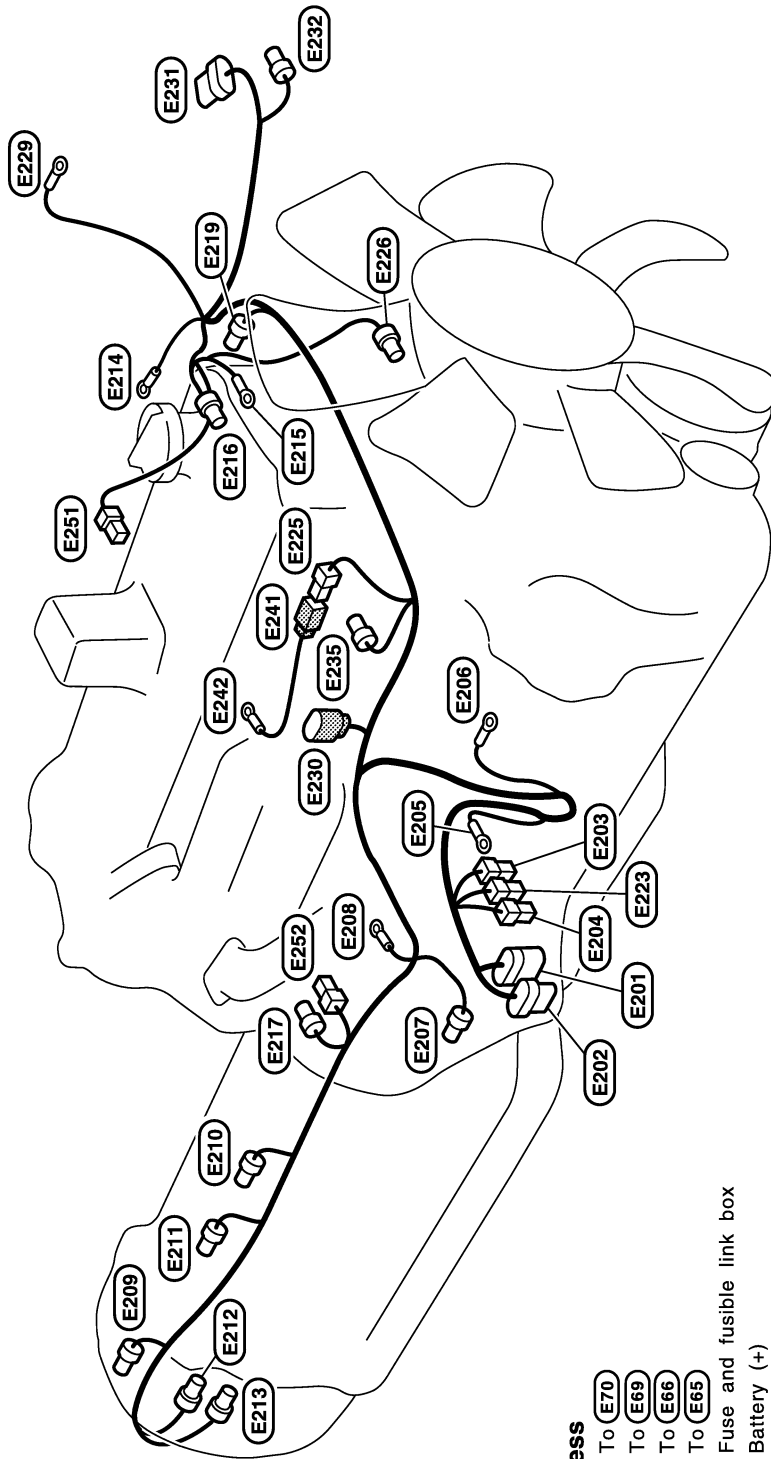
(E101)	W/24	: TCM (Transmission control module)	(ZD engine A/T models)
(E102)	GY/24	: TCM (Transmission control module)	
(E104)	BR/16	: To (M86)	
(E105)	W/16	: To (M87)	
(E106)	W/24	: To (M88)	
(E108)	L/10	: Diode (TB48 engine models)	
(E109)	B/1	: Horn switch (Without air bag)	
(E110)	B/2	: Fuse block (J/B)	
(E111)	W/4	: Fuse block (J/B)	
(E112)	W/16	: Fuse block (J/B)	
(E113)	BR/2	: Key switch (Except for TD engine models with NATS)	
(E114)	W/6	: Ignition switch	
(E115)	BR/8	: Combination switch (Lighting switch)	
(E116)	BR/4	: Combination switch	
(E118)	W/4	: Combination switch (Rear wiper switch)	
(E120)	GY/8	: Combination switch (Front wiper switch)	
(E121)	GY/2	: Condenser (TB45S engine models)	
(E123)	W/24	: TCM (Transmission control module)	(TB48 engine A/T models)
(E124)	GY/24	: TCM (Transmission control module)	
(E127)	SMJ	: To (M21)	
(E128)	W/6	: Combination switch (Rear fog lamp switch)	
(E129)	W/6	: Combination switch (Front and Rear fog lamp switch)	
(E165)	W/2	: Key switch (TD engine models with NATS)	
(E170)	W/2	: Diode (Except for TB48 engine models)	
(E171)	W/2	: Diode (TB45S engine models)	
(E172)	W/2	: Diode	(ZD engine A/T models)
(E173)	W/2	: Diode	



HARNESS LAYOUT

ZD ENGINE

Engine Harness



Engine harness

E201	GY/10	: To E70
E202	B/8	: To E69
E203	L/2	: To E66
E204	B/2	: To E65
E205	-	: Fuse and fusible link box
E206	-	: Battery (+)
E207	GY/1	: Starter motor
E208	-	: Starter motor
E209	GY/2	: Vehicle speed sensor
E210	GY/2	: Back-up lamp switch
E211	B/2	: Park/Neutral position switch
E212	GY/2	: 4WD switch
E213	BR/2	: Transfer neutral switch
E214	-	: Alternator
E215	-	: Alternator
E216	GY/2	: Alternator
E217	GY/1	: Oil pressure switch (Except for Europe and Australia)
E219	GY/2	: Engine coolant temperature sensor
E223	R/2	: To E67
E225	B/1	: To E241

E226	B/1	: Compressor
E229	-	: Battery (+) (For cold areas)
E230	B/8	: To F12
E231	GY/5	: Mass air flow sensor
E232	BR/2	: Variable nozzle turbocharger control solenoid valve
E235	B/1	: Thermal transmitter
E251	B/1	: Engine oil pressure switch-2
E252	B/1	: Engine oil pressure switch-1

Glow sub-harness

E241	B/1	: To E225
E242	-	: Glow plug

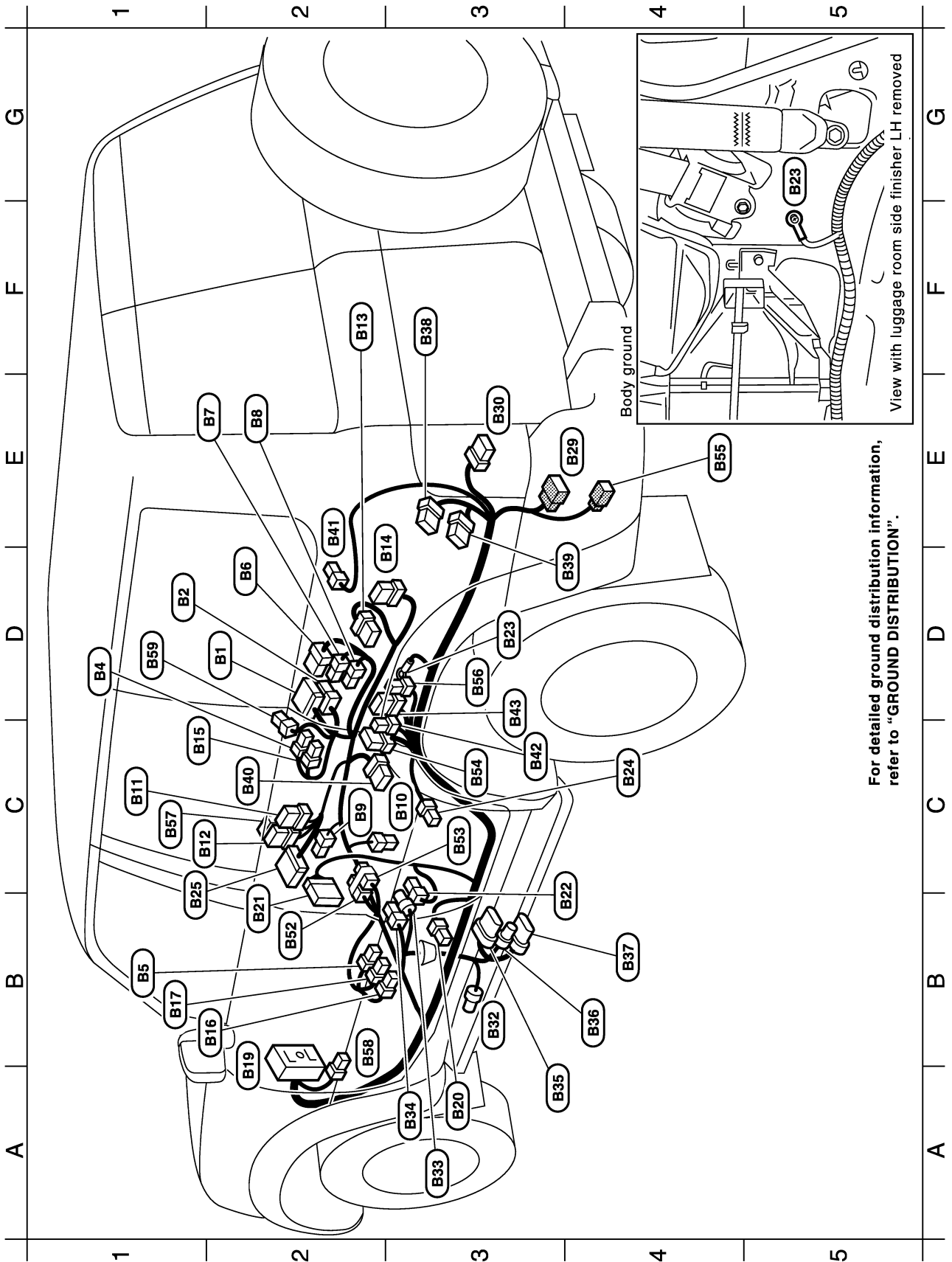
HARNESS LAYOUT

NOTE

HARNESS LAYOUT

Body Harness/LHD Models

WAGON

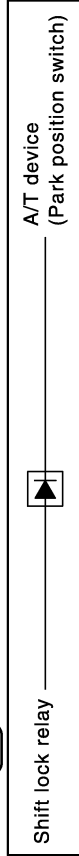


HARNESS LAYOUT

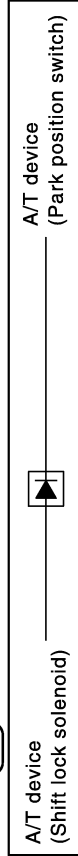
Body Harness/LHD Models (Cont'd)

(B54) BR/6 : Multi-remote control relay (With theft warning system)
(B55) W/4 : To **(D87)** (With theft warning system)
(B56) L/4 : Rear cooler cut relay (TB48 engine models with rear cooler)
(B57) W/8 : Snow mode switch (TB48 engine A/T models with snow mode switch)
(B58) BR/1 : To **(M89)**
(B59) BR/2 : To **(B141)** (With 7-speakers)

Diode-1 **(B52)**



Diode-2 **(B53)**

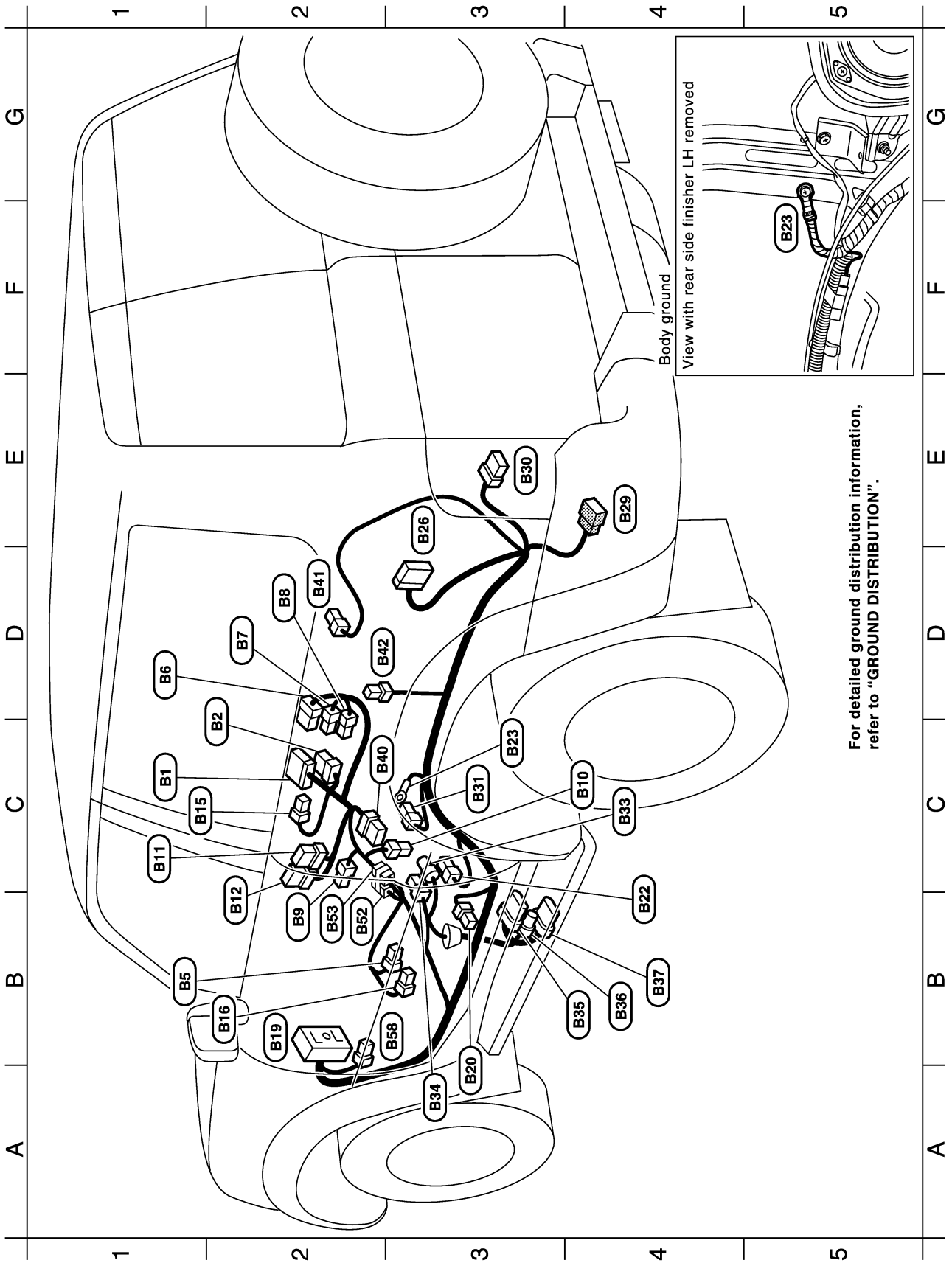


(B1) W/12 : To **(B105)**
(B2) W/8 : To **(B106)**
(B4) W/2 : Power seat (Passenger side)
(B5) W/3 : Heated seat LH
(B6) W/6 : Wiper deicer switch
(B7) W/4 : Heated seat switch LH
(B8) L/4 : Heated seat switch RH
(B9) W/3 : Ashtray illumination
(B10) B/1 : Parking brake switch
(B11) W/8 : A/T device (ZD engine A/T models)
(B12) W/8 : A/T mode switch (ZD engine A/T models with A/T mode switch)
(B13) W/6 : Rear cooler switch
(B14) W/6 : Rear fan switch
(B15) W/3 : Heated seat RH
(B16) W/3 : Seat belt buckle switch
(B17) W/2 : Power seat (Driver side)
(B19) SMJ : To **(M20)**
(B20) B/3 : Front door switch (Driver side)
(B21) W/18 : To **(D41)**
(B22) Y/2 : Seat belt pre-tensioner (Driver side)
(B23) — : Body ground
(B24) B/3 : Rear door switch LH
(B25) W/12 : A/T device (TB48 engine A/T models)
(B29) W/6 : To **(D81)**
(B30) BR/6 : Rear combination lamp LH
(B32) GY/2 : Rear cooler solenoid valve
(B33) BR/2 : G sensor (For Europe with ABS)
(B34) GY/2 : G sensor (With ABS)
(B35) GY/8 : To **(C1)**
(B36) SB/4 : To **(C3)**
(B37) SB/8 : To **(C2)**
(B38) W/8 : Rear cooler unit
(B39) B/6 : Rear cooler unit
(B40) W/6 : Cool box
(B41) B/2 : Rear power socket
(B42) L/4 : Power socket relay
(B43) B/5 : Rear cooler cut relay (TB45E engine models with rear cooler)
(B52) W/2 : Diode-1 } (A/T models)
(B53) W/2 : Diode-2 }

HARNESS LAYOUT

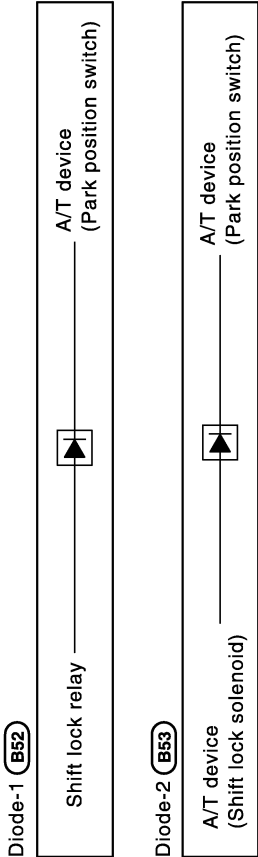
Body Harness/LHD Models (Cont'd)

HARDTOP



HARNESS LAYOUTBody Harness/LHD Models (Cont'd)

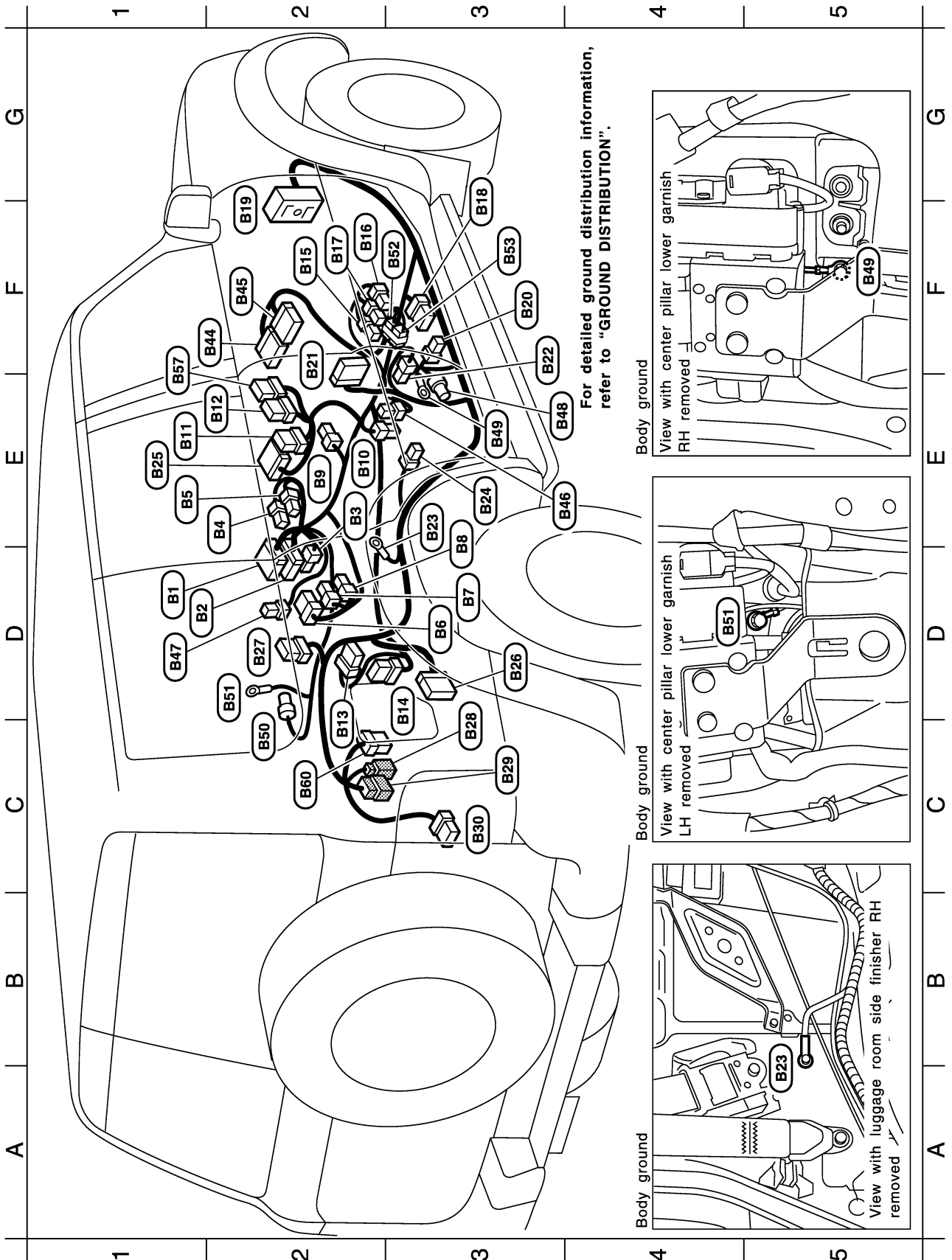
B1	W/12	:	To B105
B2	W/8	:	To B106
B5	W/3	:	Heated seat LH
B6	W/6	:	Wiper deicer switch
B7	W/4	:	Heated seat switch LH
B8	L/4	:	Heated seat switch RH
B9	W/3	:	Ashtray illumination
B10	B/1	:	Parking brake switch
B11	W/8	:	A/T device
B12	W/8	:	A/T mode switch
B15	W/3	:	Heated seat RH
B16	W/3	:	Seat belt buckle switch
B19	SMJ	:	To M20
B20	B/3	:	Front door switch (Driver side)
B22	Y/2	:	Seat belt pre-tensioner (Driver side)
B23	-	:	Body ground
B26	W/16	:	CD auto changer (Located in the luggage room)
B29	W/6	:	To D81
B30	BR/6	:	Rear combination lamp LH
B31	BR/2	:	Rear speaker LH
B33	BR/2	:	G sensor (For Europe with ABS)
B34	GY/2	:	G sensor (With ABS)
B35	GY/8	:	To C1
B36	SB/4	:	To C3
B37	SB/8	:	To C2
B40	W/6	:	Cool box
B41	B/2	:	Rear power socket
B42	L/4	:	Power socket relay
B52	W/2	:	Diode-1
B53	W/2	:	Diode-2
B58	BR/1	:	To M89



HARNESS LAYOUT

Body Harness/RHD Models

WAGON

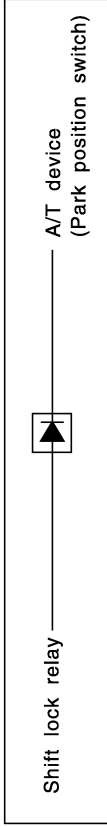


HARNESS LAYOUT

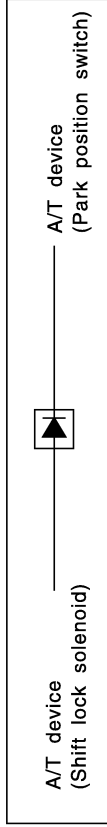
Body Harness/RHD Models (Cont'd)

B1	W/12	: To B105	
B2	W/10	: To B106	
B3	W/4	: To B130	
B4	W/2	: Power seat (Passenger side)	
B5	W/3	: Heated seat LH	
B6	W/6	: Wiper deicer switch	
B7	W/4	: Heated seat switch LH	
B8	L/4	: Heated seat switch RH	
B9	W/3	: Ashtray illumination	
B10	B/1	: Parking brake switch	
B11	W/8	: A/T device (ZD engine A/T models)	
B12	W/8	: A/T mode switch (ZD engine A/T models with A/T mode switch)	
B13	W/6	: Rear cooler switch	
B14	W/6	: Rear fan switch	
B15	W/3	: Heated seat RH	
B16	W/3	: Seat belt buckle switch	
B17	W/2	: Power seat (Driver side)	
B18	W/6	: Rear heater unit	
B19	SMJ	: To W20	
B20	B/3	: Front door switch (Driver side)	
B21	W/18	: To D61	
B22	Y/2	: Seat belt pre-tensioner (Driver side)	
B23	-	: Body ground	
B24	B/3	: Rear door switch RH	
B25	W/12	: A/T device (TB48 engine A/T models)	
B26	W/16	: CD auto changer (Located in the luggage room)	
B27	B/8	: Rear wiper amp.	
B28	BR/1	: To D102	
B29	W/6	: To D101	
B30	BR/6	: Rear combination lamp RH	
B44	Y/12	: Air bag diagnosis sensor unit	
B45	Y/12	: Air bag diagnosis sensor unit	
B46	Y/2	: Side air bag module RH	
B47	Y/2	: Side air bag module LH	
B48	Y/2	: Satellite sensor RH	
B49	-	: Body ground	
B50	Y/2	: Satellite sensor LH	
B51	-	: Body ground	
B52	W/2	: Diode-1 } (A/T models)	
B53	W/2	: Diode-2 }	
B57	W/8	: Snow mode switch (TB48 engine A/T models with snow mode switch)	
B60	W/8	: Woofer (With 7-speakers)	

Diode-1 (**B52**)



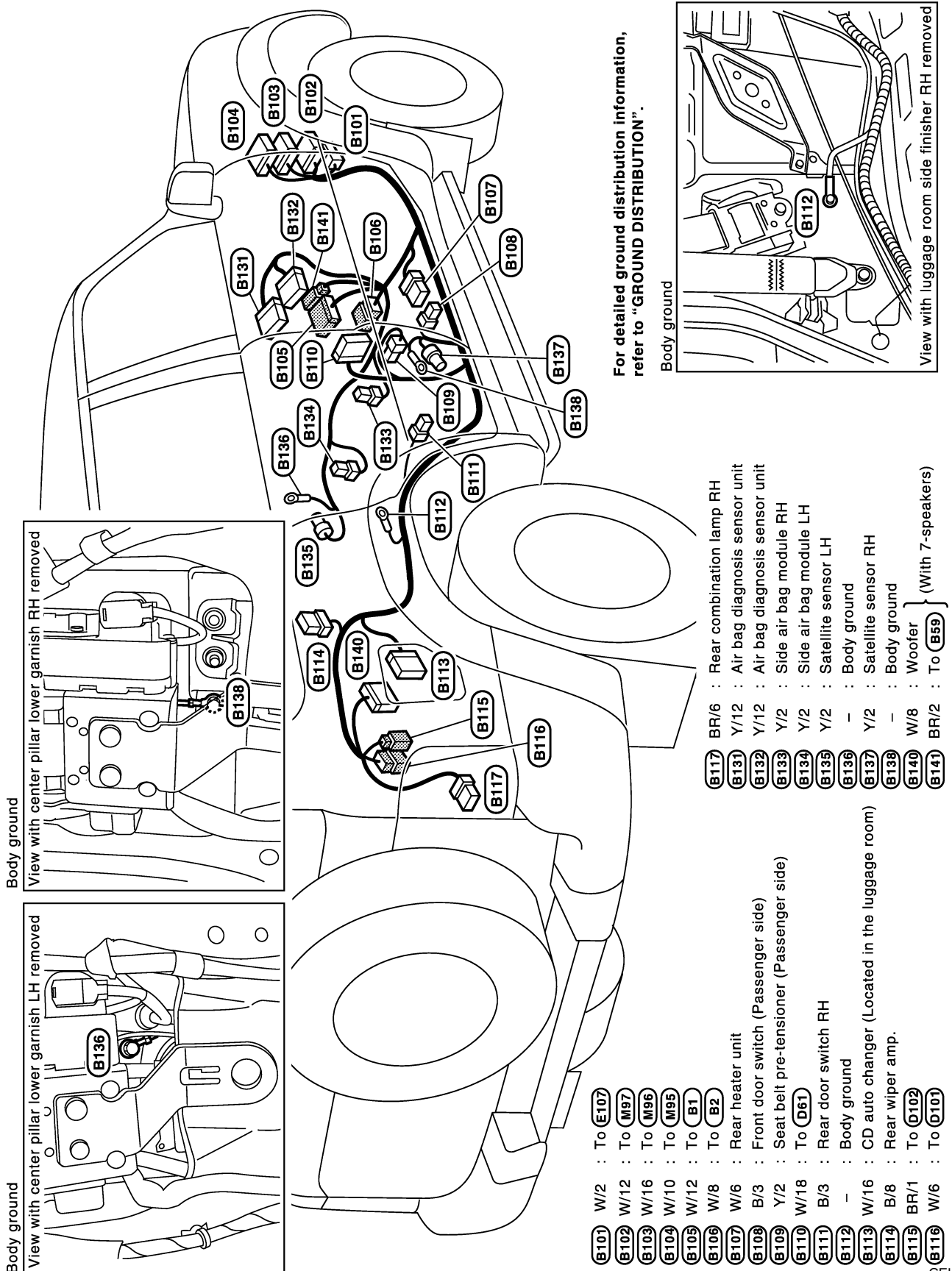
Diode-2 (**B53**)



HARNESS LAYOUT

Body No. 2 Harness/LHD Models

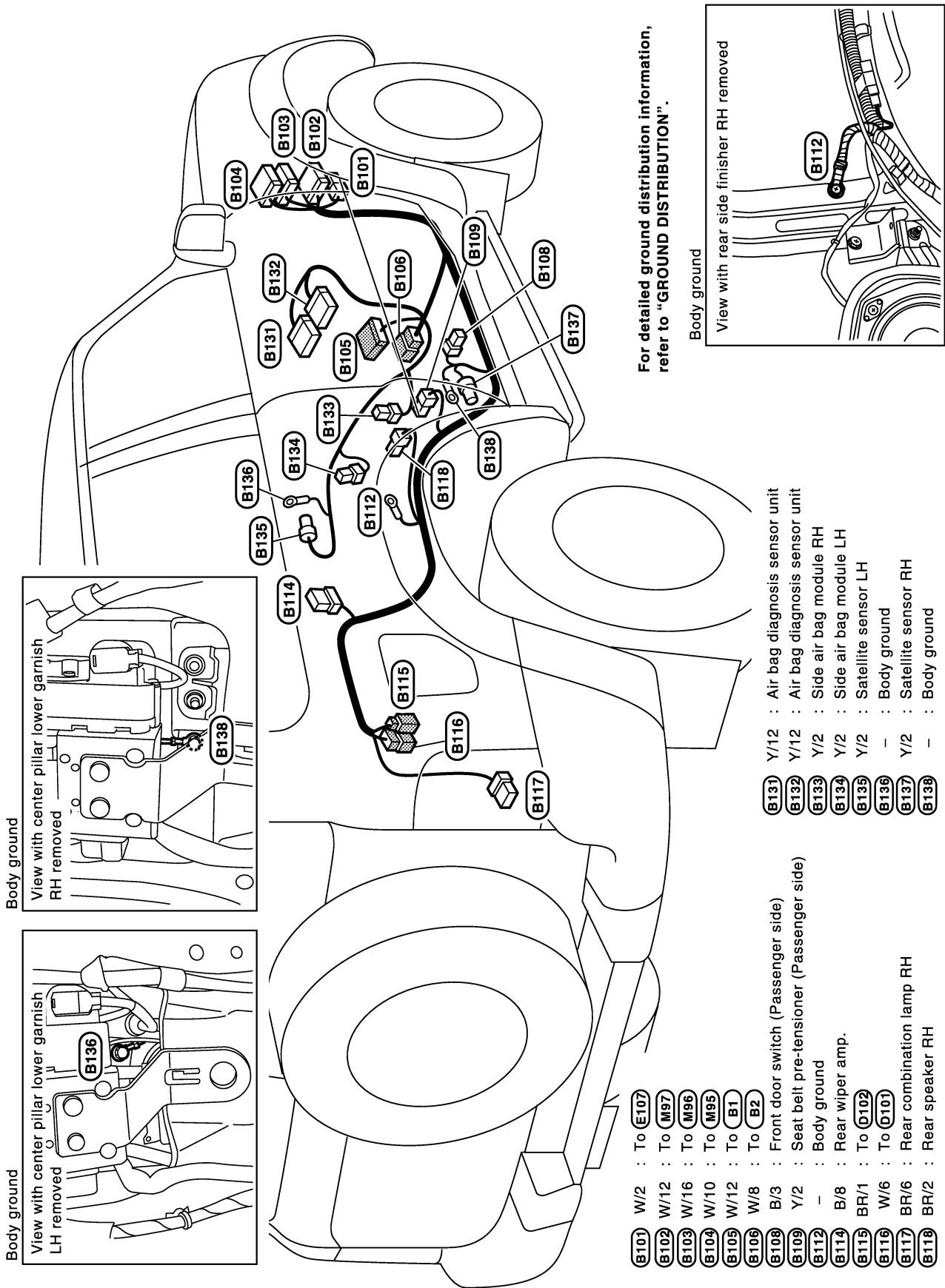
WAGON



HARNESS LAYOUT

Body No. 2 Harness/LHD Models (Cont'd)

HARDTOP



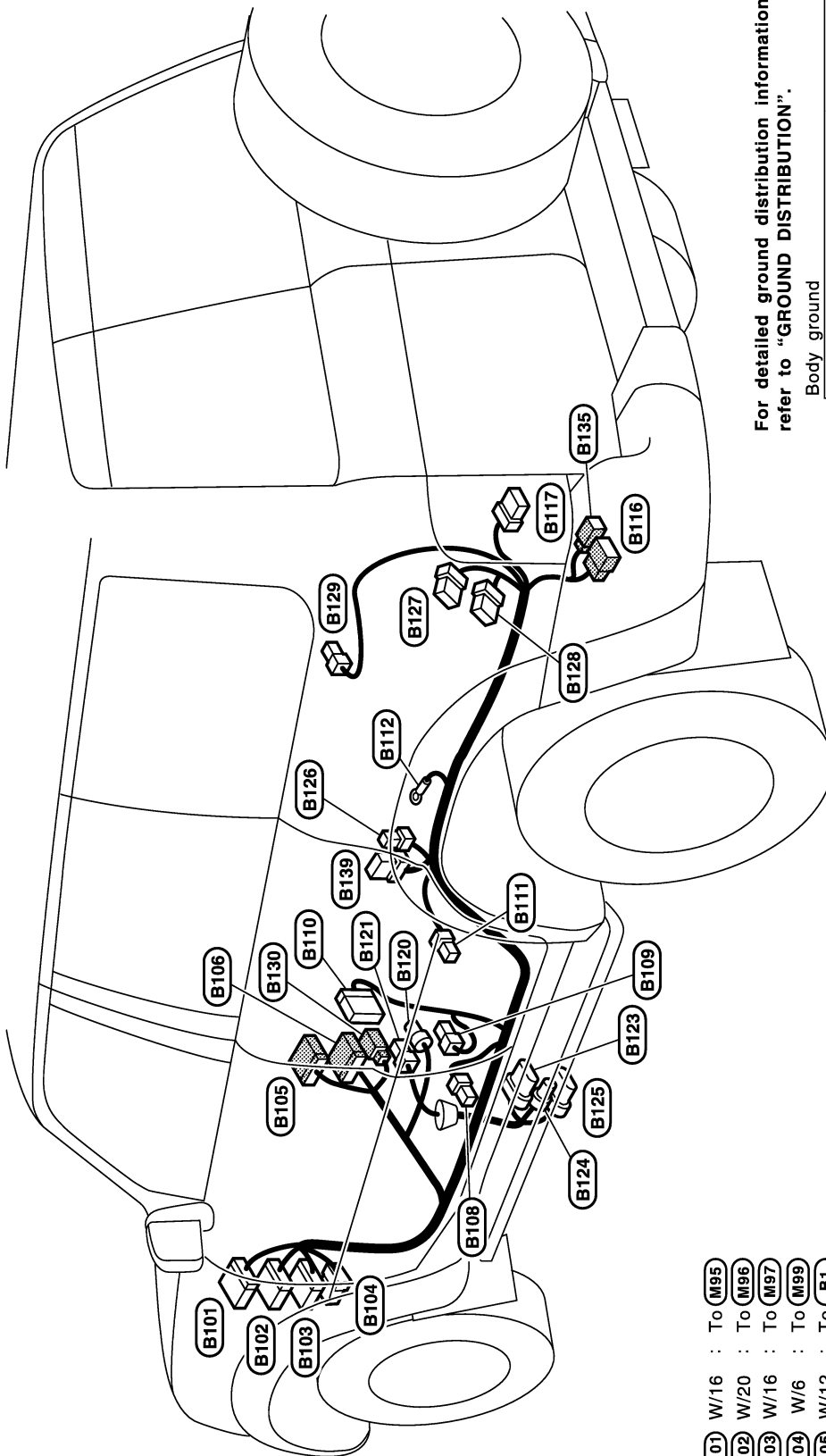
B101	W/2	: To E107
B102	W/12	: To M97
B103	W/16	: To M96
B104	W/10	: To M95
B105	W/12	: To B1
B106	W/8	: To B2
B108	B/3	: Front door switch (Passenger side)
B109	Y/2	: Seat belt pre-tensioner (Passenger side)
B112	-	: Body ground
B114	B/8	: Rear wiper amp.
B115	BR/1	: To G102
B116	W/6	: To G101
B117	BR/6	: Rear combination lamp RH
B118	BR/2	: Rear speaker RH

B131	Y/12	: Air bag diagnosis sensor unit
B132	Y/12	: Air bag diagnosis sensor unit
B133	Y/2	: Side air bag module RH
B134	Y/2	: Side air bag module LH
B135	Y/2	: Satellite sensor LH
B136	-	: Body ground
B137	Y/2	: Satellite sensor RH
B138	-	: Body ground

HARNESS LAYOUT

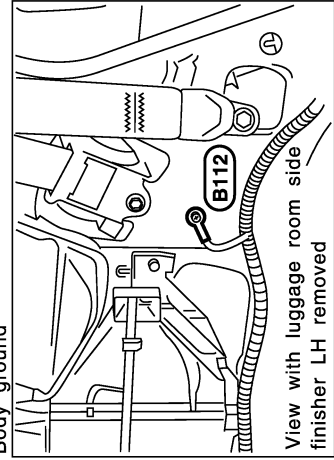
Body No. 2 Harness/RHD Models

WAGON



For detailed ground distribution information, refer to "GROUND DISTRIBUTION".

Body ground



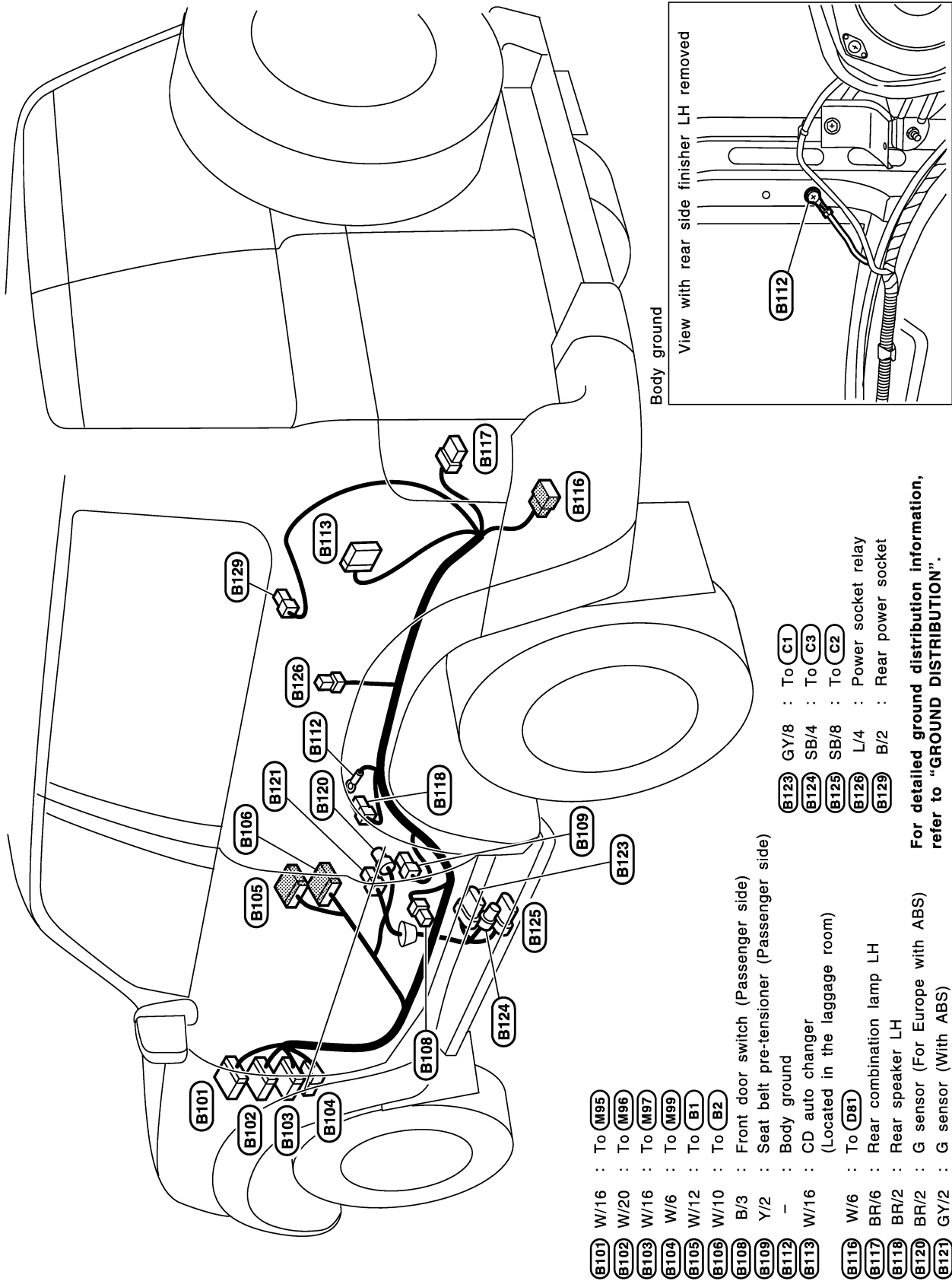
View with luggage room side finisher LH removed

B101	W/16	:	To M95
B102	W/20	:	To M96
B103	W/16	:	To M97
B104	W/6	:	To M99
B105	W/12	:	To B1
B106	W/10	:	To B2
B108	B/3	:	Front door switch (Passenger side)
B109	Y/2	:	Seat belt pre-tensioner (Passenger side)
B110	W/18	:	To D41
B111	B/3	:	Rear door switch LH
B112	—	:	Body ground
B116	W/6	:	To D81
B117	BR/6	:	Rear combination lamp LH
B120	BR/2	:	G sensor (For Europe with ABS)
B121	GY/2	:	G sensor (With ABS)

HARNESS LAYOUT

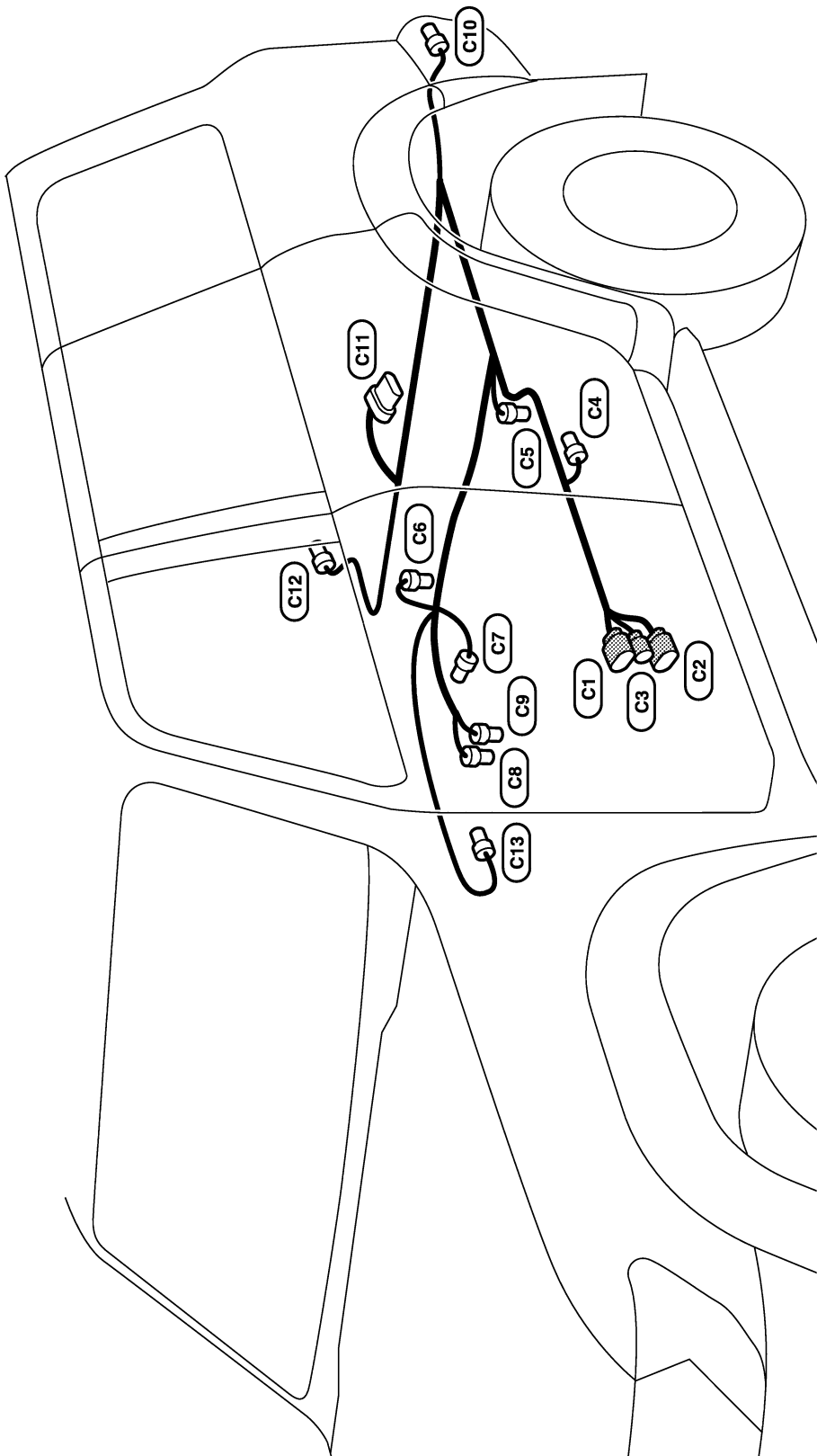
Body No. 2 Harness/RHD Models (Cont'd)

HARDTOP



HARNESS LAYOUT

Chassis Harness



- C1** GY/8 : To **B35** (LHD models)
 To **B123** (RHD models)
C2 SB/8 : To **B37** (LHD models)
 To **B125** (RHD models)
C3 GY/4 : To **B36** (LHD models)
 To **B124** (RHD models)
C4 B/3 : Stabilizer actuator
 (ZD engine models with stabilizer release device)
C5 BR/2 : Rear wheel sensor LH

- C6** GY/2 : Rear wheel sensor RH
C7 BR/2 : Diff lock indicator switch
C8 GY/3 : Sub fuel tank gauge unit
C9 GY/2 : Sub fuel tank gauge unit
C10 SB/4 : Rear bumper combination lamp LH
C11 GY/6 : Fuel tank gauge unit
C12 SB/4 : Rear bumper combination lamp RH
C13 B/3 : Stabilizer actuator (TB48 engine models with stabilizer release device)

HARNESS LAYOUT

Back Door Harness and Rear Window Defogger Harness

BACK DOOR HARNESS LH

- D81 W/6 : To B29 (LHD models)
To B116 (RHD models)
 - D82 W/2 : License plate lamp
 - D83 - : Body ground
 - D84 BR/1 : To D133
 - D85 B/3 : Back door switch LH
 - D86 GY/4 : Back door lock actuator
 - D87 W/4 : To B55 (LHD models)
To B135 (RHD models)
 - D88 BR/3 : Back door key cylinder switch
- (With theft warning system)

BACK DOOR HARNESS RH

- D101 W/6 : To B116 (LHD models)
To B29 (RHD models)
- D102 BR/1 : To B115 (LHD models)
To B28 (RHD models)
- D103 BR/1 : To D121
- D104 W/2 : High-mounted stop lamp
- D105 W/4 : Rear wiper motor
- D106 - : Body ground
- D107 W/3 : Back door switch RH

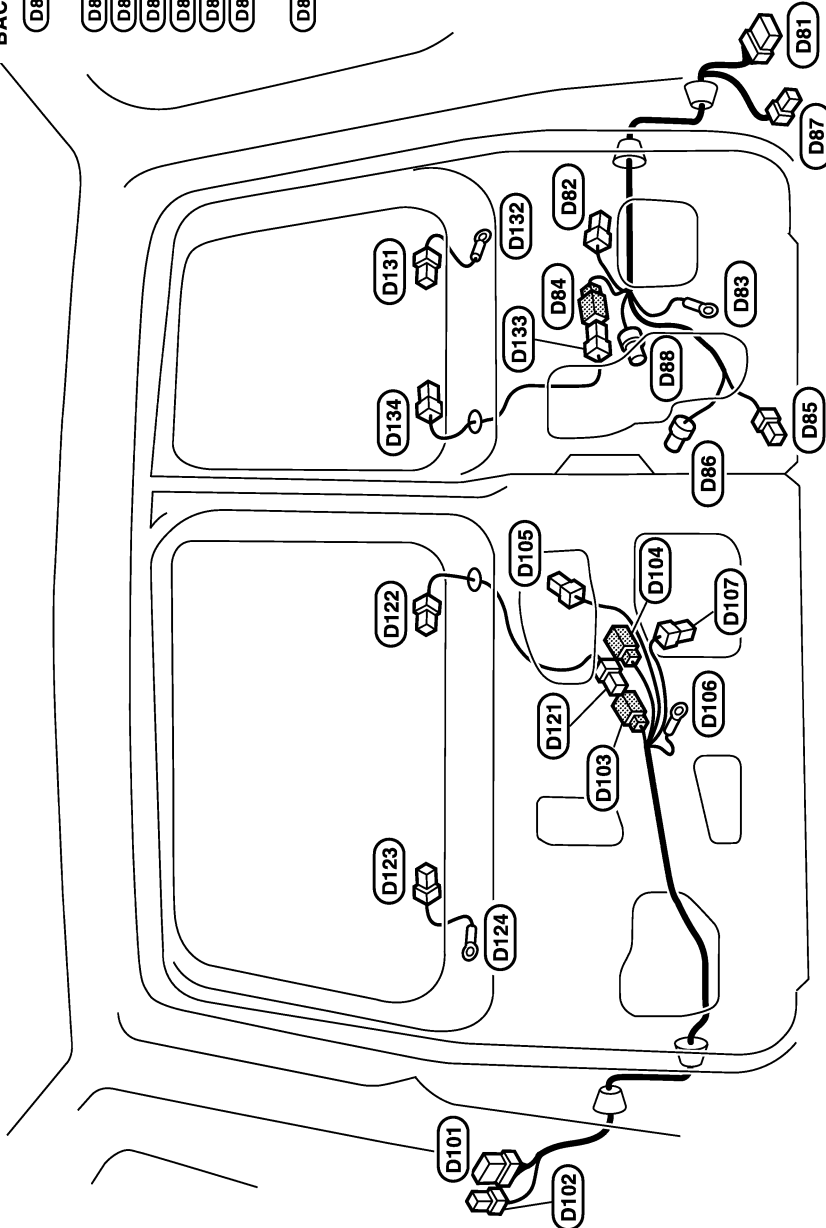
REAR DEFOGGER HARNESS RH

- D121 BR/1 : To D103
- D122 B/1 : Rear window defogger RH (+)
- D123 B/1 : Rear window defogger RH (-)
- D124 - : Body ground

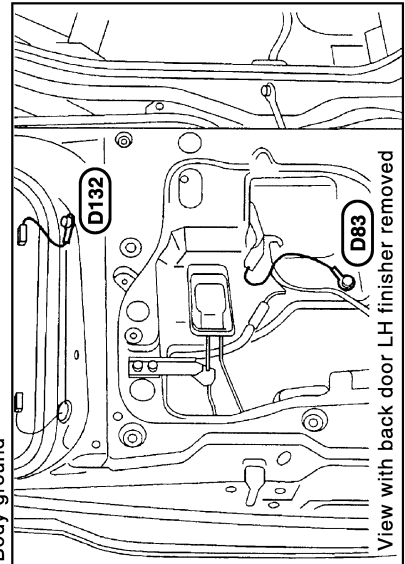
REAR DEFOGGER HARNESS LH

- D131 B/1 : Rear window defogger LH (-)
- D132 - : Body ground
- D133 BR/1 : To D84
- D122 B/1 : Rear window defogger LH (+)

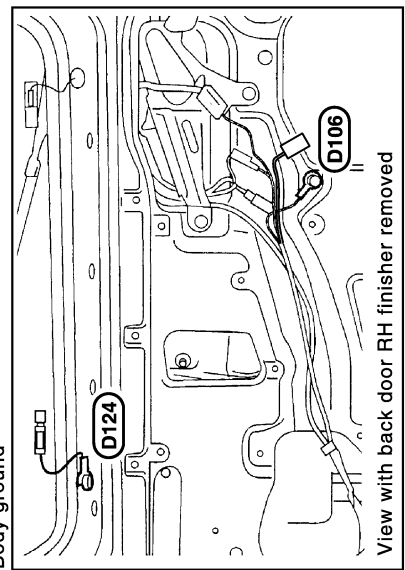
For detailed ground distribution information, refer to "GROUND DISTRIBUTION".



Body ground



Body ground



WIRING DIAGRAM CODES (CELL CODES)

Wiring Diagram Codes (Cell Codes)

Use the chart below to find out what each wiring diagram code stands for.

Refer to the wiring diagram code in the alphabetical index to find the location (Page number) of each wiring diagram.

Code	Section	Wiring Diagram Name
A/C, A	HA	Auto Air Conditioner
A/C, M	HA	Manual Air Conditioner
A/T	AT	A/T
ABS	BR	Anti-lock Brake System
APPS1	EC	Accelerator Pedal Position Sensor
APPS2	EC	Accelerator Pedal Position Sensor
APPS3	EC	Accelerator Pedal Position Sensor
APS	EC	Accelerator Position Sensor
ASCD	EL	Automatic Speed Control Device
AT/IND	EL	A/T Indicator Lamp
AUDIO	EL	Audio
BACK/L	EL	Back-up Lamp
BRK/SW	EC	Brake Switch Signal
CAN	AT	CAN Communication Line
CAN	EC	CAN Communication Line
CAN	EL	CAN Communication Line
CD/CHG	EL	CD Auto Changer
CHARGE	EL	Charging System
CHIME	EL	Warning Chime
CIGAR	EL	Cigarette Lighter
CKPS	EC	Crankshaft Position Sensor
CLOCK	EL	Clock
CMPS	EC	Camshaft Position Sensor
COMPAS	EL	Compass and Thermometer
COOL/F	EC	Cooling Fan Control
D/C	AT	Direct Clutch Solenoid Valve
D/CF	AT	Direct Clutch Solenoid Valve
D/LOCK	EL	Power Door Lock
DEF	EL	Rear Window Defogger
DEICER	EL	Wiper Deicer
DIFF/L	PD	Differential Lock
DLC	EC	Data Link Connector
DTRL	EL	Headlamp — Daytime Light System
E/BRE	AT	A/T 1st Engine Braking
ECMRLY	EC	ECM Relay
ECTS	EC	Engine Coolant Temperature Sensor
EGRC/V	EC	EGRC-Solenoid Valve and Throttle Control Solenoid Valve

Code	Section	Wiring Diagram Name
EGVC/V	EC	EGR Volume Control Valve
ETC1	EC	Throttle Control Motor
ETC2	EC	Throttle Control Motor
ETC3	EC	Throttle Control Motor
F/FOG	EL	Front Fog Lamp
F/PUMP	EC	Fuel Pump
FCUT	EC	Fuel Cut System
FICD	EC	IACV-FICD Solenoid Valve
FPSW1	AT	ATF Pressure Switch 1
FPSW3	AT	ATF Pressure Switch 3
FPSW5	AT	ATF Pressure Switch 5
FPSW6	AT	ATF Pressure Switch 6
FR/B	AT	Front Brake Solenoid Valve
FR/BF	AT	Front Brake Solenoid Valve
FTS	AT	A/T Fluid Temperature Sensor Circuit
FUELB1	EC	Fuel Injection System Function (Bank 1)
FUELB2	EC	Fuel Injection System Function (Bank 2)
GLOW	EC	Quick Glow System
H/AIM	EL	Headlamp Aiming Control System
H/LAMP	EL	Headlamp
HLC	EL	Headlamp Washer
HLR/C	AT	High and Low Reverse Clutch Solenoid Valve
HLR/CF	AT	High and Low Reverse Clutch Solenoid Valve
I/C	AT	Input Clutch Solenoid Valve
I/CF	AT	Input Clutch Solenoid Valve
I/LOCK	AT	A/T Interlock
IATS	EC	Intake Air Temperature Sensor
IGNSYS	EC	Ignition Signal
ILL	EL	Illumination
INJECT	EC	Injector
INJPMP	EC	Electronic Control Fuel Injection Pump
INT/V	EC	Intake Air Control Valve Control Solenoid Valve

WIRING DIAGRAM CODES (CELL CODES)

Wiring Diagram Codes (Cell Codes) (Cont'd)

Code	Section	Wiring Diagram Name
IVC	EC	Intake Valve Timing Control Solenoid Valve
KS	EC	Knock Sensor
LC/B	AT	Low Coast Brake Solenoid Valve
LC/BF	AT	Low Coast Brake Solenoid Valve
LOAD	EC	Electrical Load Signal
LPSV	AT	Line Pressure Solenoid Valve
MAFS	EC	Mass Air Flow Sensor
MAIN	EC	Main Power Supply and Ground Circuit
METER	EL	Meter and Gauges
MIL	EC	Multifunction Indicator Lamp
MMSW	AT	Manual Mode Switch
MULTI	EL	Multi-remote Control System
NATS	EL	Nissan Anti-Theft System
NLS	EC	Needle Lift Sensor
NONDTC	AT	Non-detective Items
O2H1B1	EC	Heated Oxygen Sensor 1 Heater (B1) (Front)
O2H1B2	EC	Heated Oxygen Sensor 1 Heater (B2) (Front)
O2H2B1	EC	Heated Oxygen Sensor 2 Heater (B1) (Rear)
O2H2B2	EC	Heated Oxygen Sensor 2 Heater (B2) (Rear)
O2S1B1	EC	Heated Oxygen Sensor 1 (B1) (Front)
O2S1B2	EC	Heated Oxygen Sensor 1 (B2) (Front)
O2S2B1	EC	Heated Oxygen Sensor 2 (B1) (Rear)
O2S2B2	EC	Heated Oxygen Sensor 2 (B2) (Rear)
OILP/W	EC	Engine Oil Pressure Warning System
PGC/V	EC	EVAP Canister Purge Volume Control Solenoid Valve
PNP/SW	AT	Park/Neutral Position Switch
PNP/SW	EC	Park/Neutral Position Switch
POWER	AT	Transmission Control Module (Power Supply)
POWER	EC	ECM Power Supply For Back-up
POWER	EL	Power Supply Routing
PS/SEN	EC	Power Steering Pressure Sensor
R/COOL	HA	Rear Cooler System
R/FOG	EL	Rear Fog Lamp

Code	Section	Wiring Diagram Name
ROOM/L	EL	Interior Room Lamp
RP/SEN	EC	Refrigerant Pressure Sensor
S/LOCK	EL	Power Door Lock - Super Lock -
S/SIG	EC	Start Signal
S/TANK	FE	Sub Fuel Tank Control System
SEN/PW	EC	Sensor Power Supply
SHIFT	AT	A/T Shift Lock System
SRS	RS	Supplemental Restraint System
STAB	RA	Stabilizer Release Device
START	EL	Starting System
STSIG	AT	Start Signal Circuit
TAIL/L	EL	Parking, License and Tail Lamps
TCCSIG	AT	A/T TCC Signal (Lock Up)
TCV	AT	Torque Converter Clutch Solenoid Valve
TCV	EC	Injection Timing Control Valve
THEFT	EL	Theft Warning System
TPS1	EC	Throttle Position Sensor
TPS2	EC	Throttle Position Sensor
TPS3	EC	Throttle Position Sensor
TRQ/SG	EC	Engine Torque Control Signal
TRSA/T	AT	Turbine Revolution Sensor
TURN	EL	Turn Signal and Hazard Warning Lamps
VIAS/V	EC	Variable Induction Air Control System
VSS	EC	Vehicle Speed Sensor
VSSA/T	AT	Vehicle Speed Sensor A/T
WARN	EL	Warning Lamps
WIPER	EL	Front Wiper and Washer

WIRING DIAGRAM CODES (CELL CODES)

Wiring Diagram Codes (Cell Codes) (Cont'd)