

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:**

- Wiring Diagram has been changed.

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## PRECAUTIONS AND PREPARATION

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### 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.):

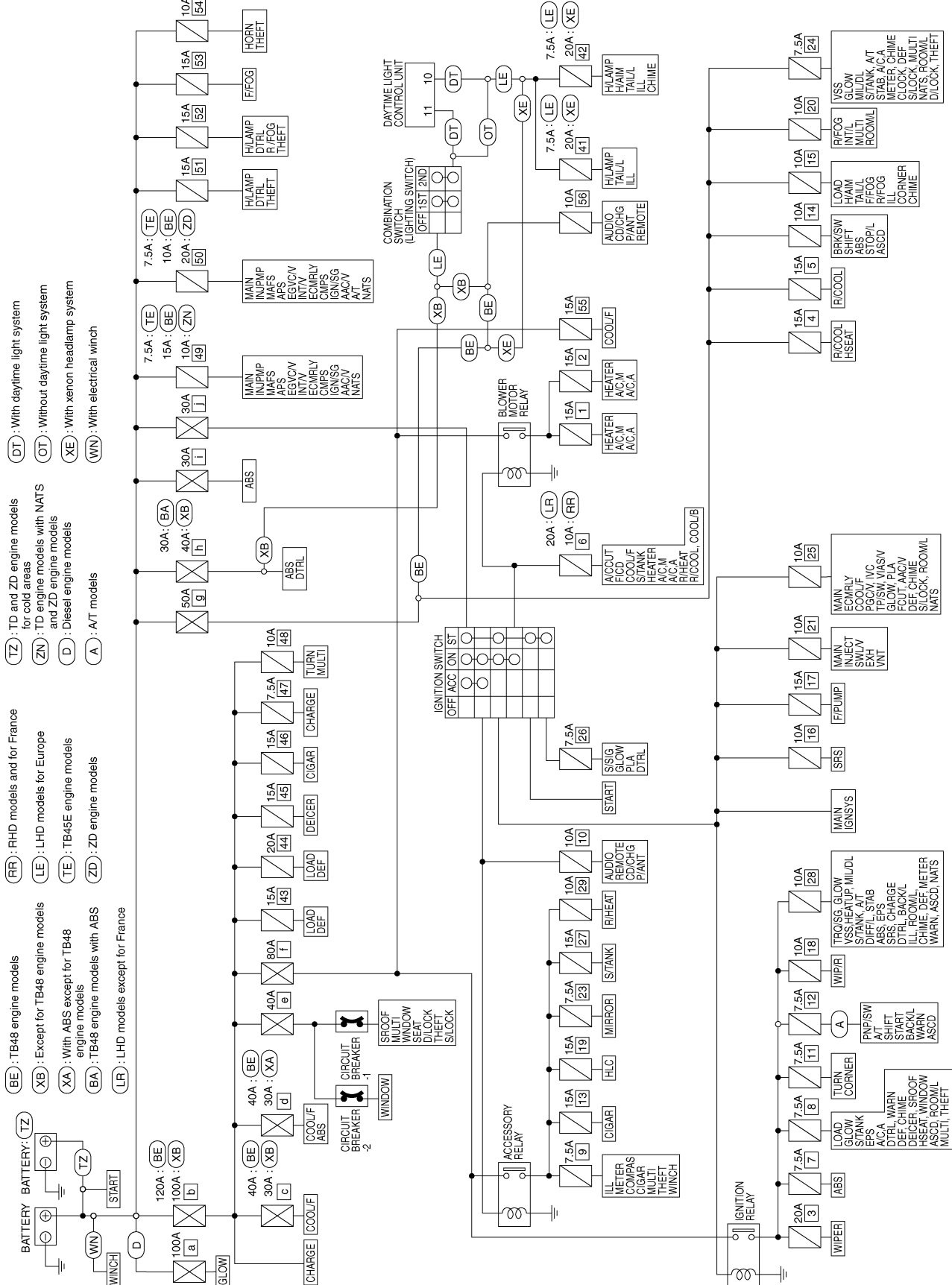
- For a frontal collision  
The Supplemental Restraint System consists of driver air bag module (located in the center of the steering wheel), front passenger air bag module (located on the instrument panel on passenger side), seat belt pre-tensioners, a diagnosis sensor unit, warning lamp, wiring harness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

## Schematic

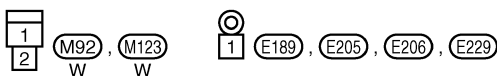
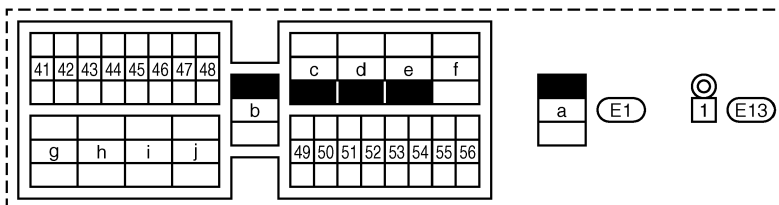
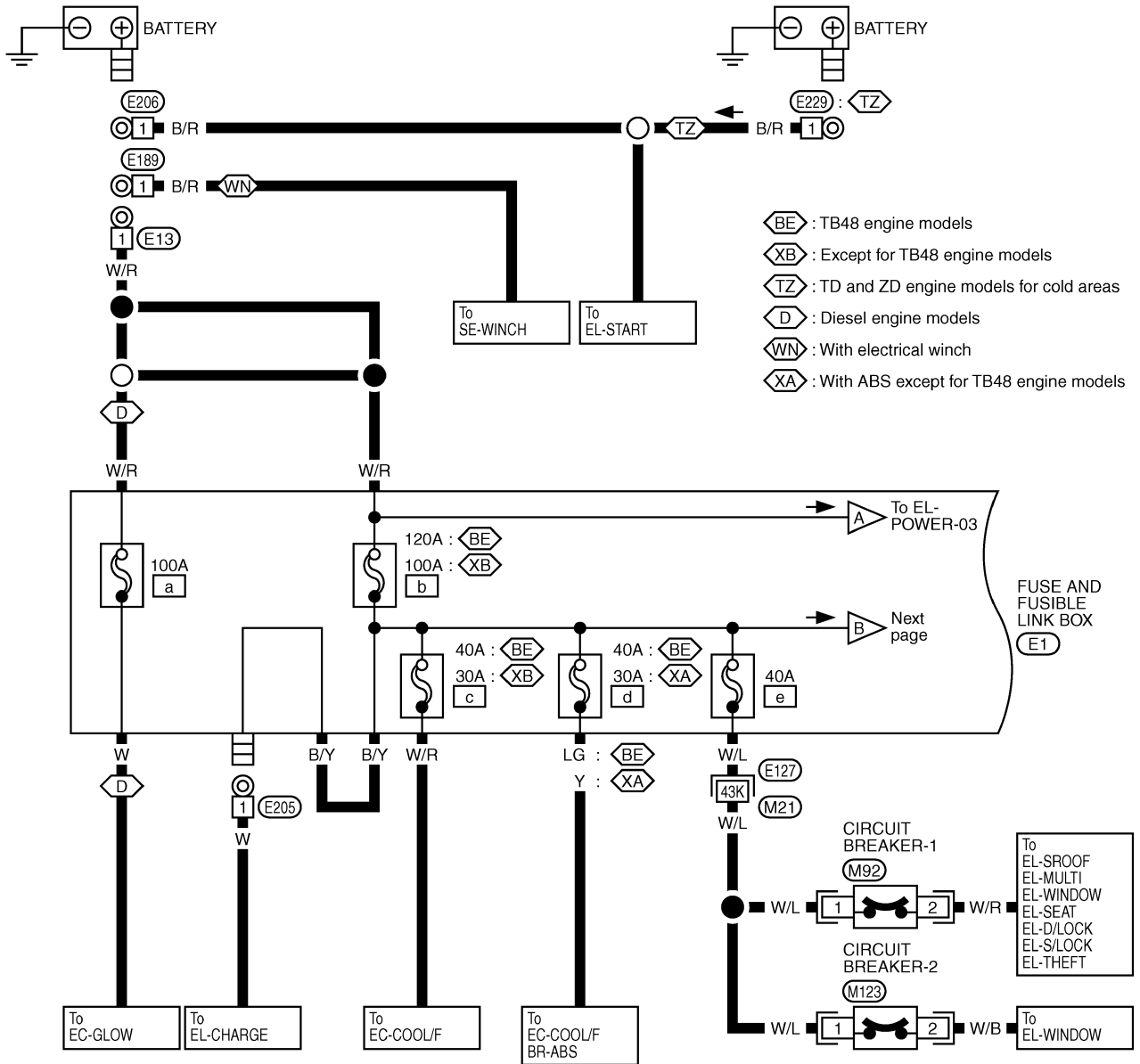


# POWER SUPPLY ROUTING/WAGON AND HARDTOP MODELS

## Wiring Diagram — POWER —

BATTERY POWER SUPPLY — IGNITION SW. IN ANY POSITION

EL-POWER-01



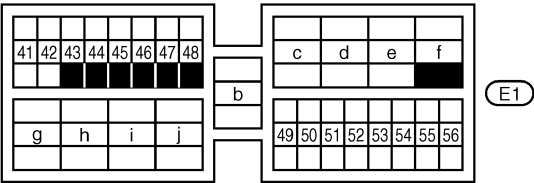
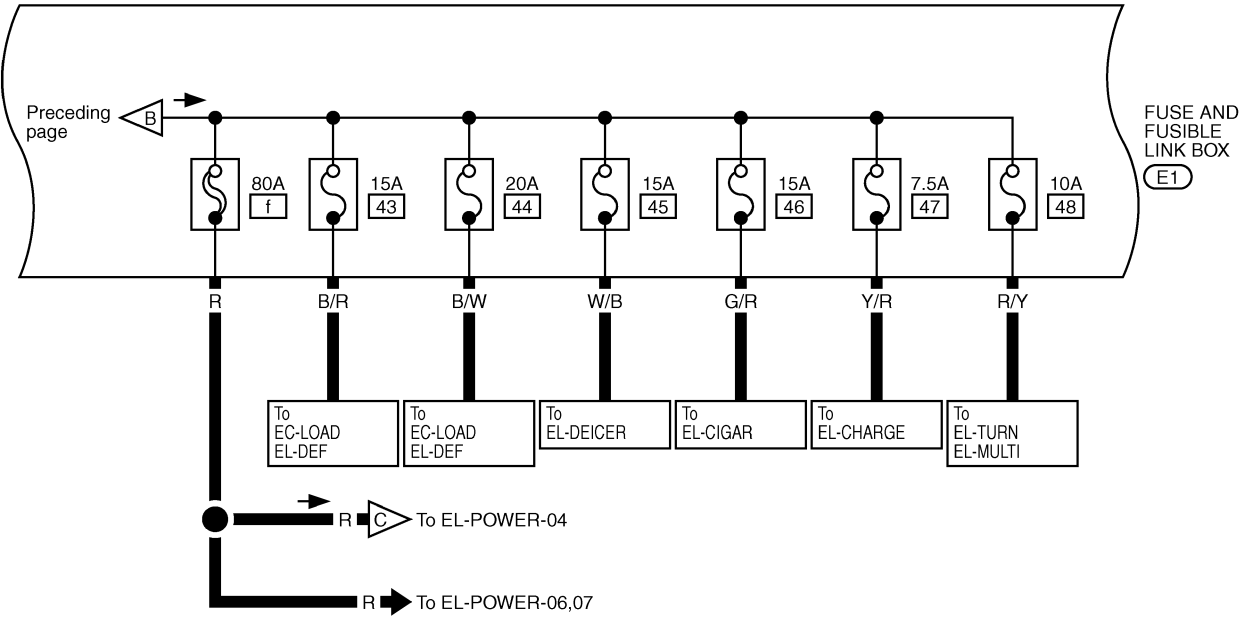
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(M21), (E127)

POWER SUPPLY ROUTING/WAGON AND HARDTOP MODELS

Wiring Diagram — POWER — (Cont'd)

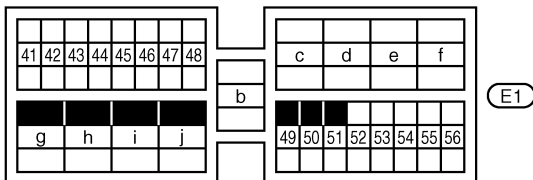
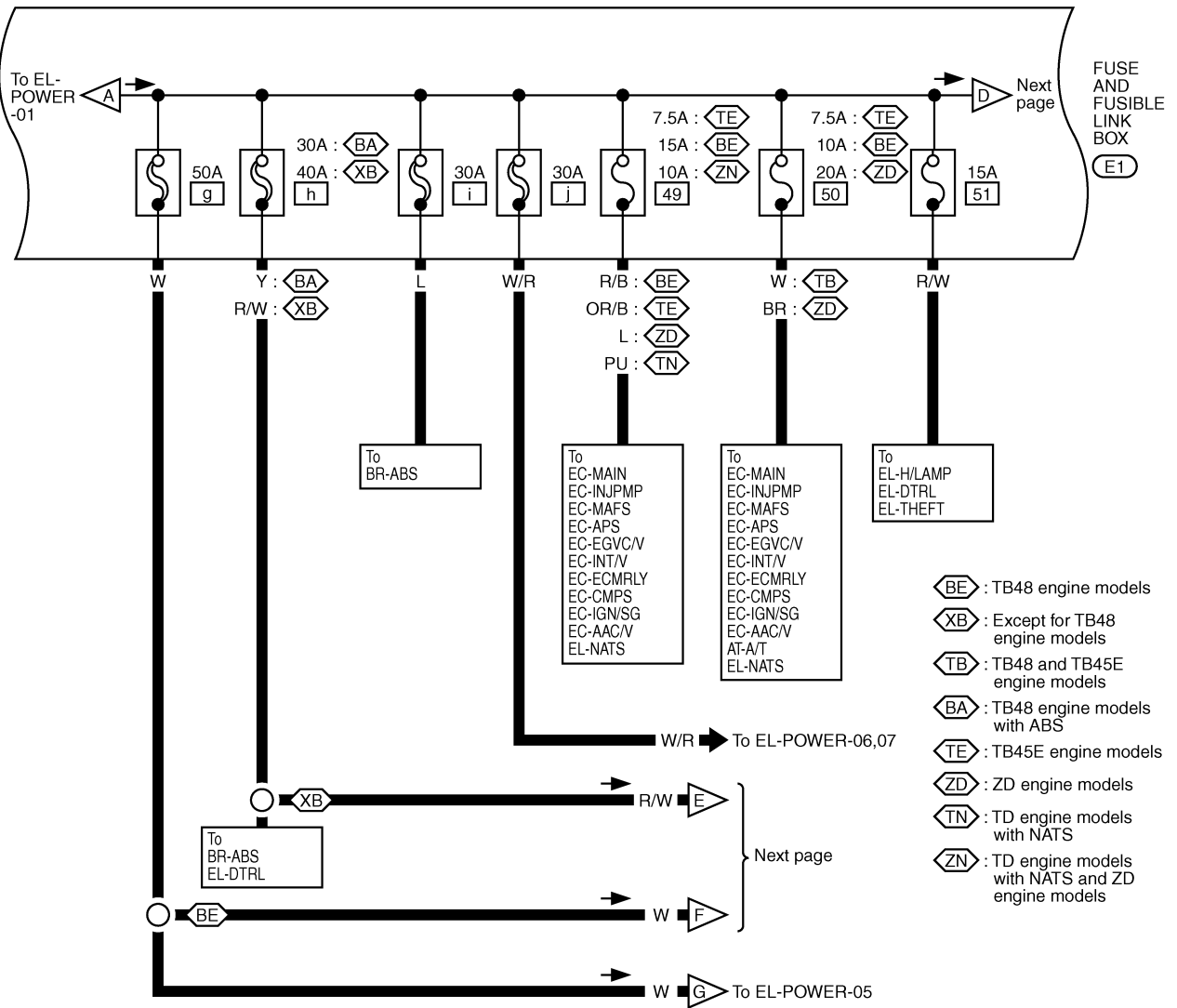
EL-POWER-02



# POWER SUPPLY ROUTING/WAGON AND HARDTOP MODELS

## Wiring Diagram — POWER — (Cont'd)

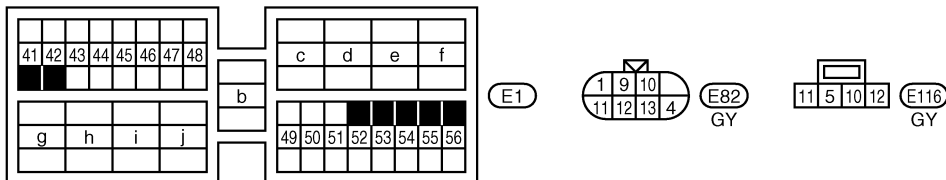
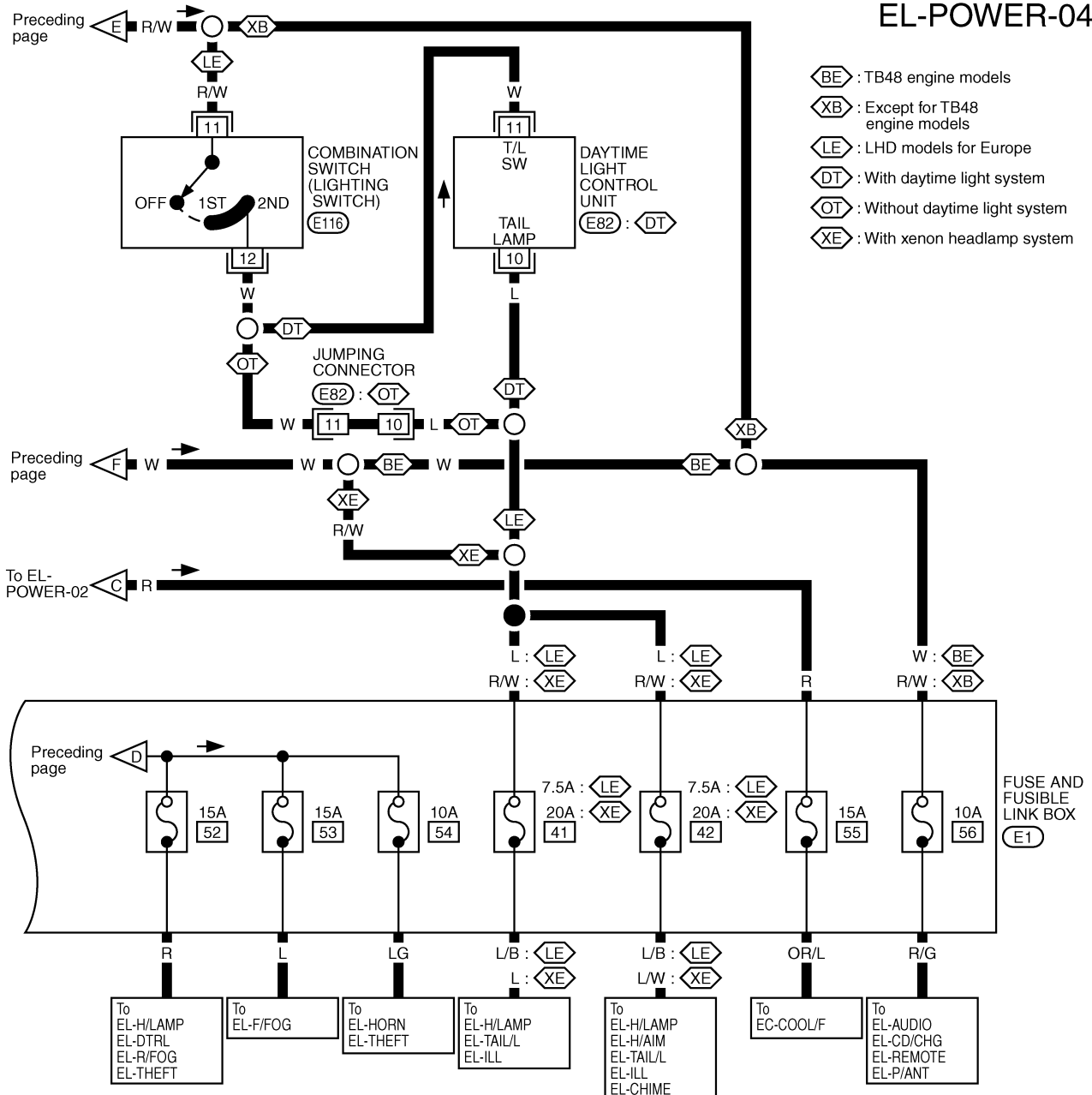
EL-POWER-03



# POWER SUPPLY ROUTING/WAGON AND HARDTOP MODELS



## Wiring Diagram — POWER — (Cont'd)

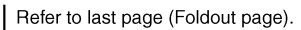
EL-POWER-04





**Wiring Diagram — POWER — (Cont'd)**  
**ACCESSORY POWER SUPPLY — IGNITION SW. IN “ACC” OR “ON”**

 : A/T models  
 : With rear fog lamp

TEL377M

# POWER SUPPLY ROUTING/WAGON AND HARDTOP MODELS

## Wiring Diagram — POWER — (Cont'd)

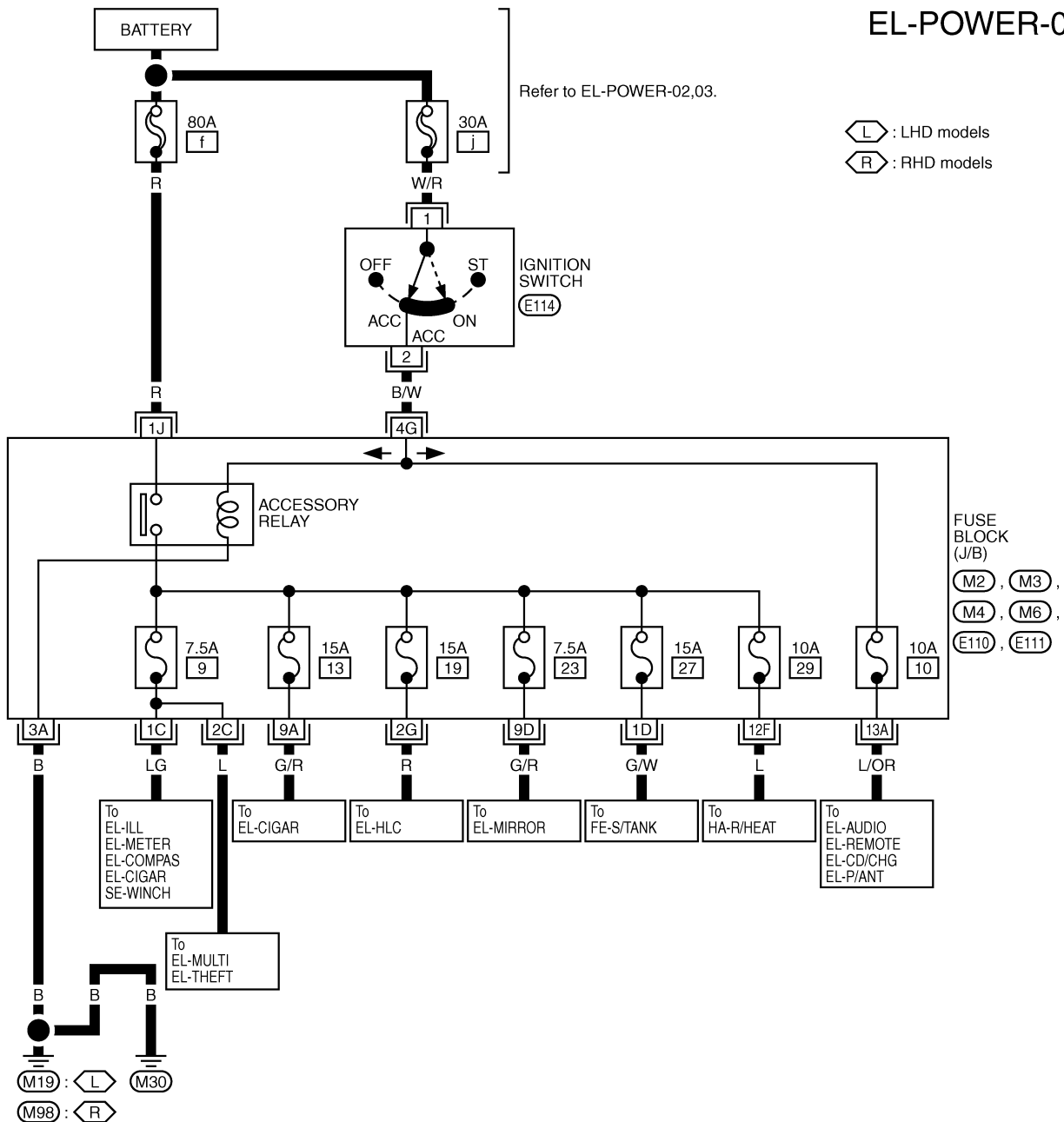
### IGNITION POWER SUPPLY — IGNITION SW. IN "ON" AND/OR "START"

EL-POWER-06

Refer to EL-POWER-02,03.

(L) : LHD models

(R) : RHD models



3	5	1
4	2	6

(E114)  
W

Refer to last page (Foldout page).

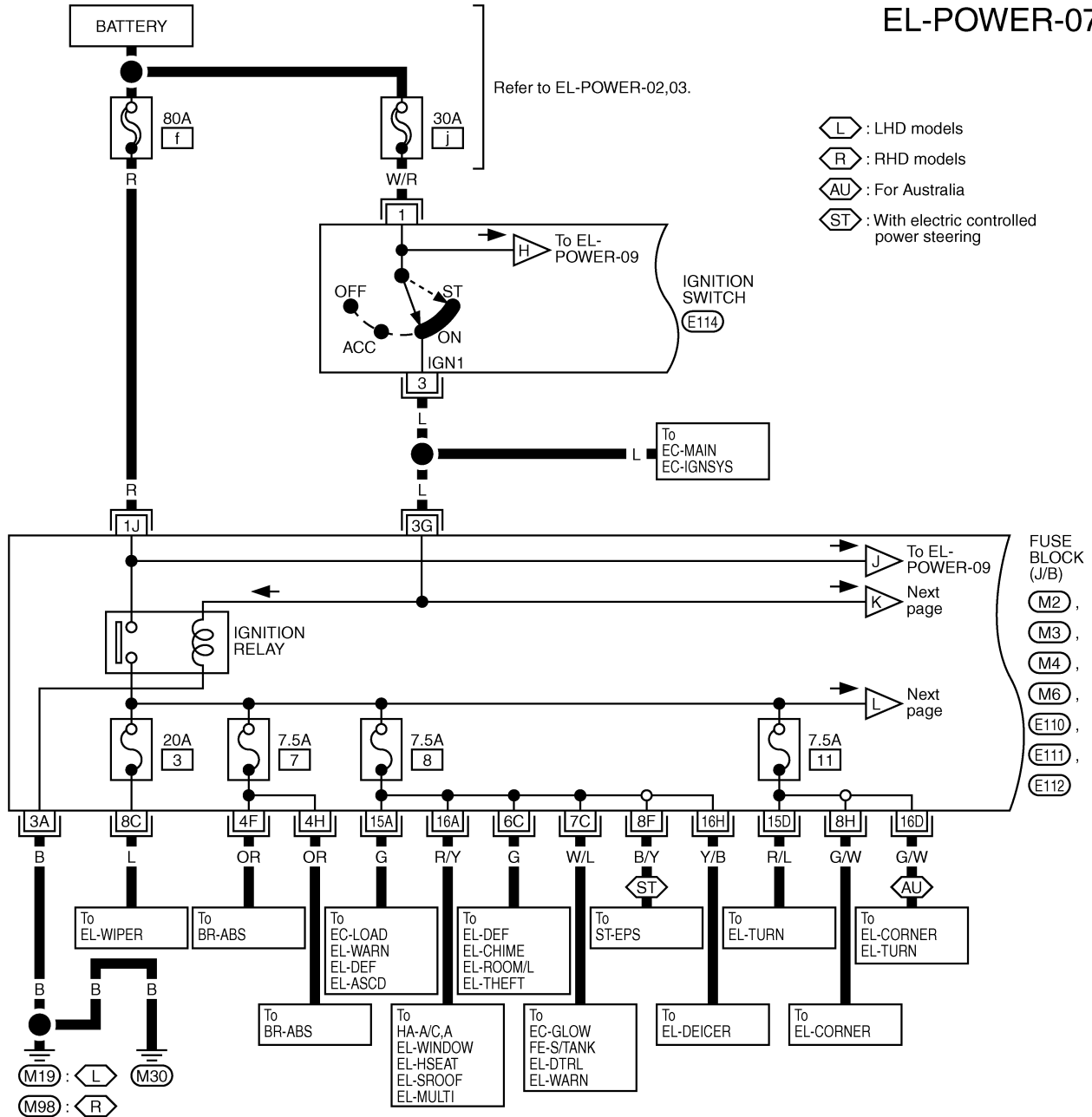
(M2)	(M3)	(M4)	(M6)
(E110)	(E111)		

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/WAGON AND HARDTOP MODELS

## Wiring Diagram — POWER — (Cont'd)

EL-POWER-07



3	5	1
4	2	6

E114  
W

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M2

M3

M4

M6

E110

E111

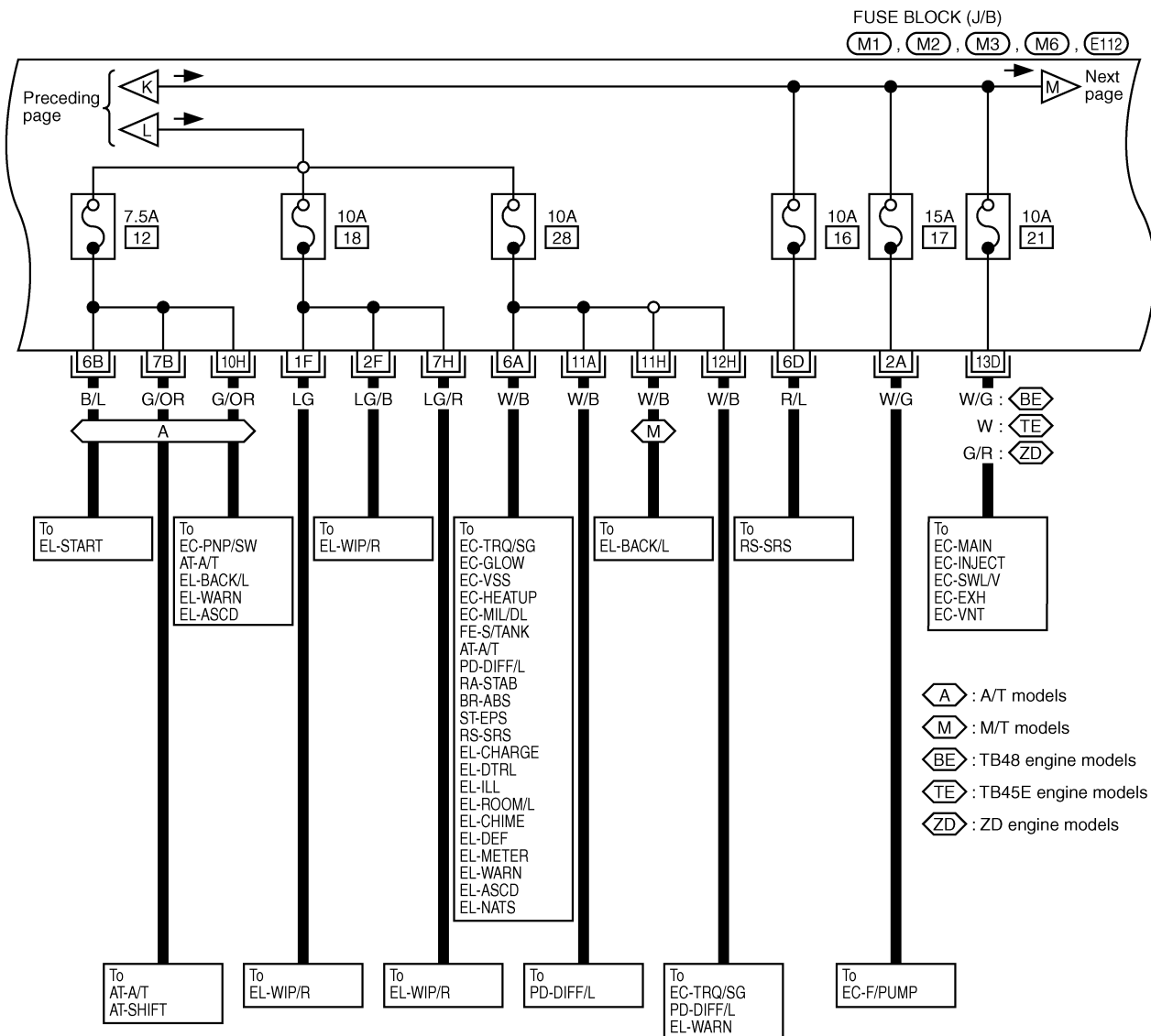
E112

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/WAGON AND HARDTOP MODELS

## Wiring Diagram — POWER — (Cont'd)

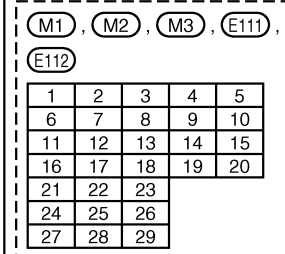
EL-POWER-08



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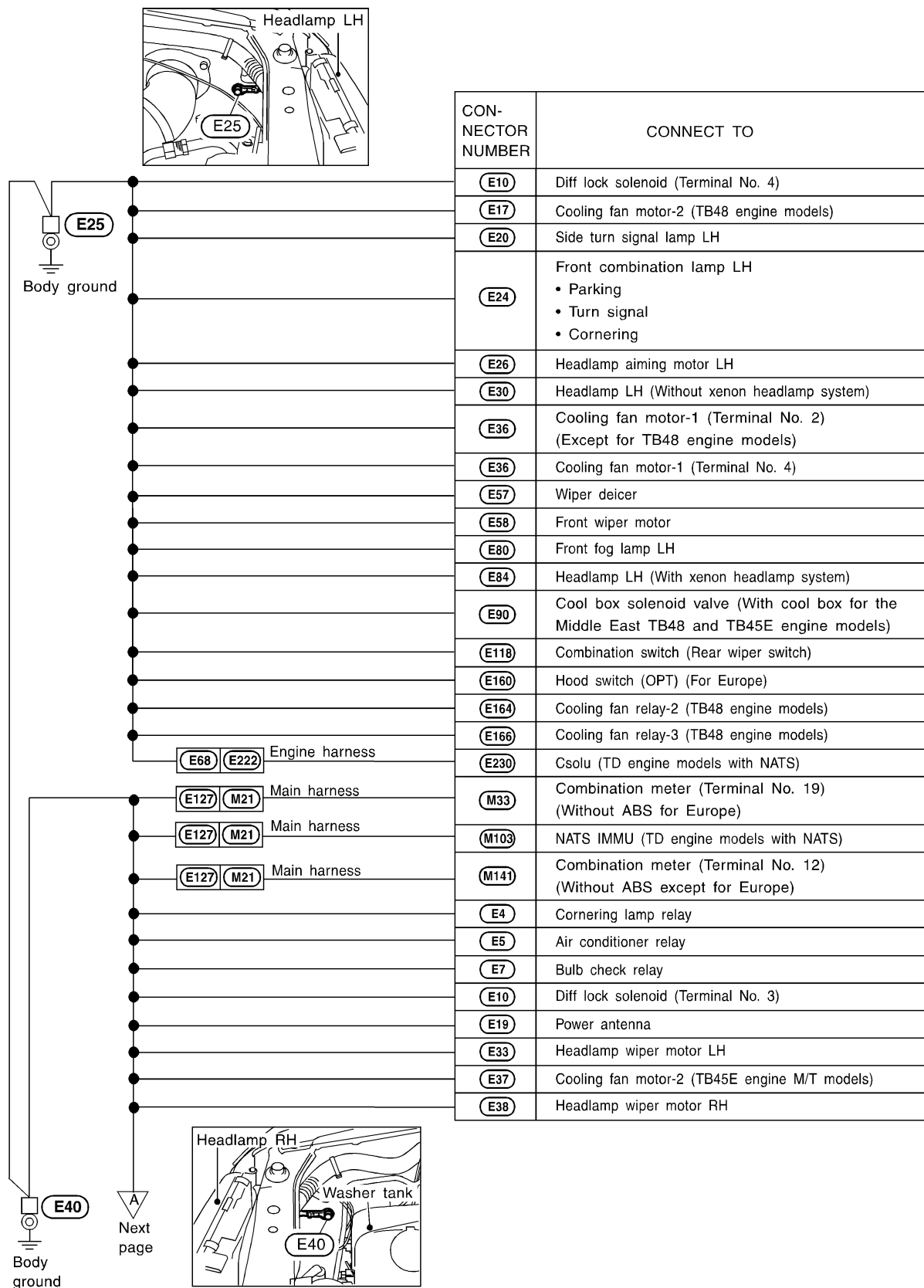
M1	M2	M3	M6	E112
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23		
24	25	26		
27	28	29		

## EL-POWER-09



# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

## Engine Room Harness/LHD Models



# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

## 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 <ul style="list-style-type: none"> <li>• Parking</li> <li>• Turn signal</li> <li>• Cornering</li> </ul>
(E52)	Park/Neutral position relay-1 (A/T models)
(E55)	Side turn signal lamp RH
(E59)	Glow relay-1 (TD engine models)
(E63)	Park/Neutral position relay-2 (A/T models with ASCD)
(E75)	Fuel filter switch (Diesel engine models)
(E76)	Brake fluid level switch
(E79)	Front fog lamp RH
(E81)	Headlamp RH (With xenon headlamp system)
(E82)	Daytime light control unit
(E85)	HID relay RH (With xenon headlamp system)
(E86)	HID relay LH (With xenon headlamp system)
(E87)	Glow relay-2 (TD engine models for cold areas)
(E92)	A/C cut relay (Except for ECM control engine models)
(E94)	Engine coolant temperature switch-1 (Except for ECM control engine models)
(E96)	IACV-FICD solenoid valve (TD engine models)
(E119)	Combination switch (Front wiper switch) (Without intermittent wiper)
(E120)	Combination switch (Front wiper switch) (With intermittent wiper)
(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 China)
(E153)	Rear fog lamp relay
(E160)	Hood switch (For China)
(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)

(E43) (E181)

Engine room sub-harness

(E69) (E202)

Engine harness

(E70) (E201)

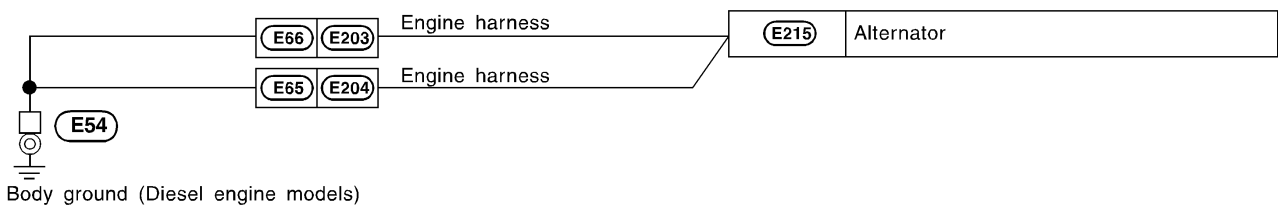
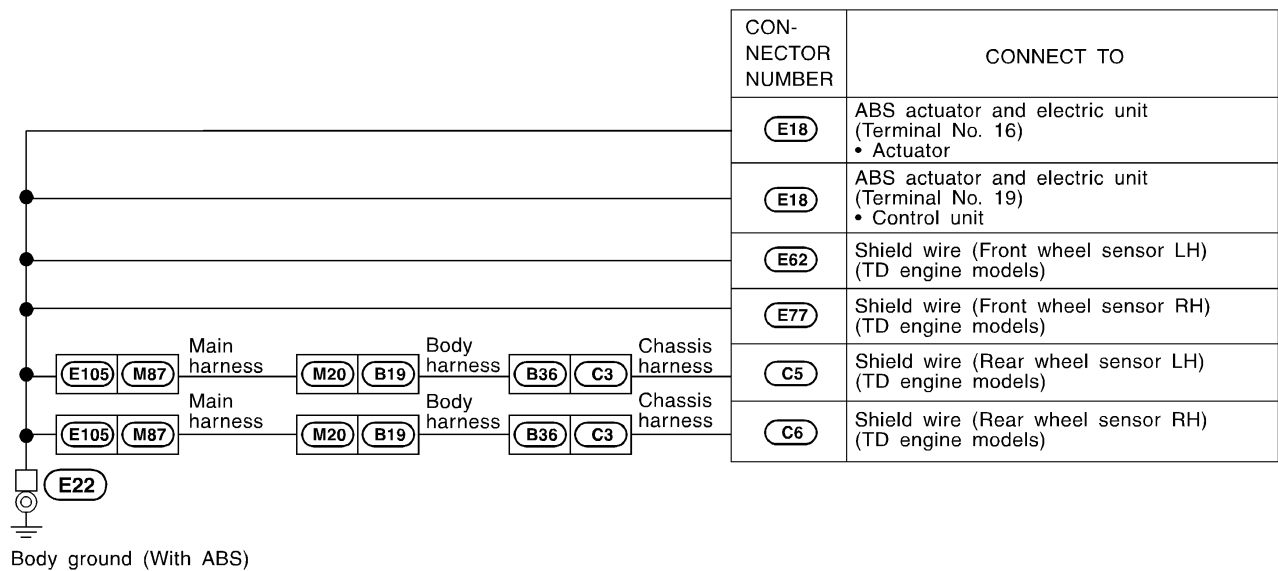
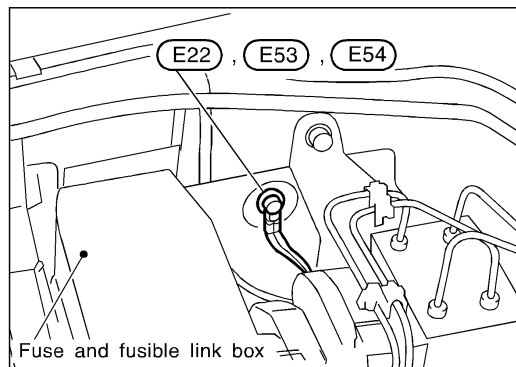
Engine harness

(E69) (E202)

Engine harness

# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

## Engine Room Harness/LHD Models (Cont'd)

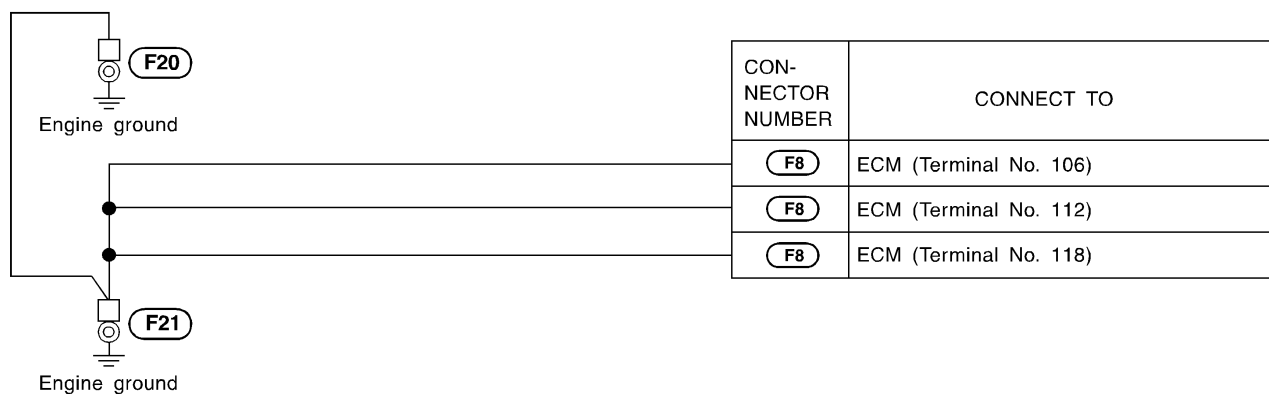
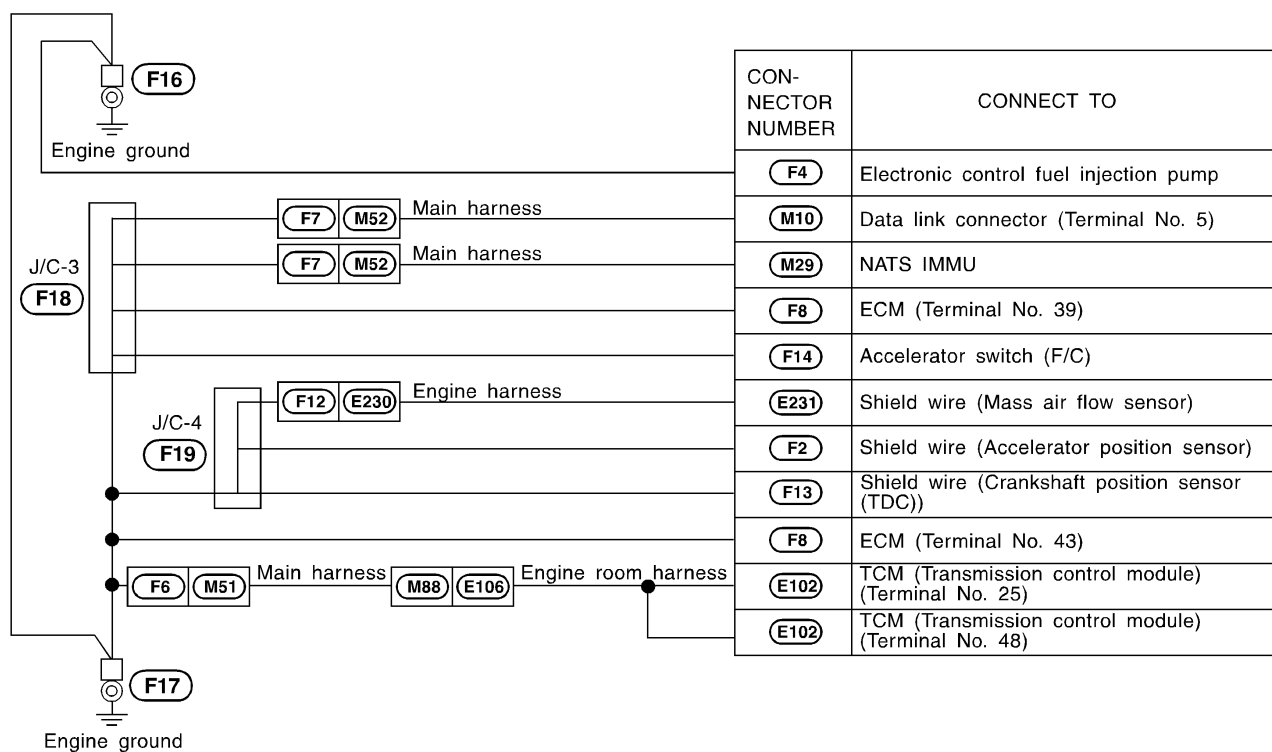
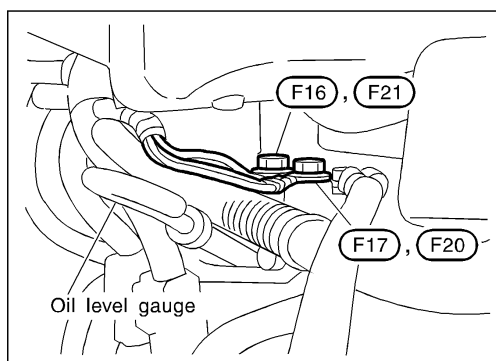




# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

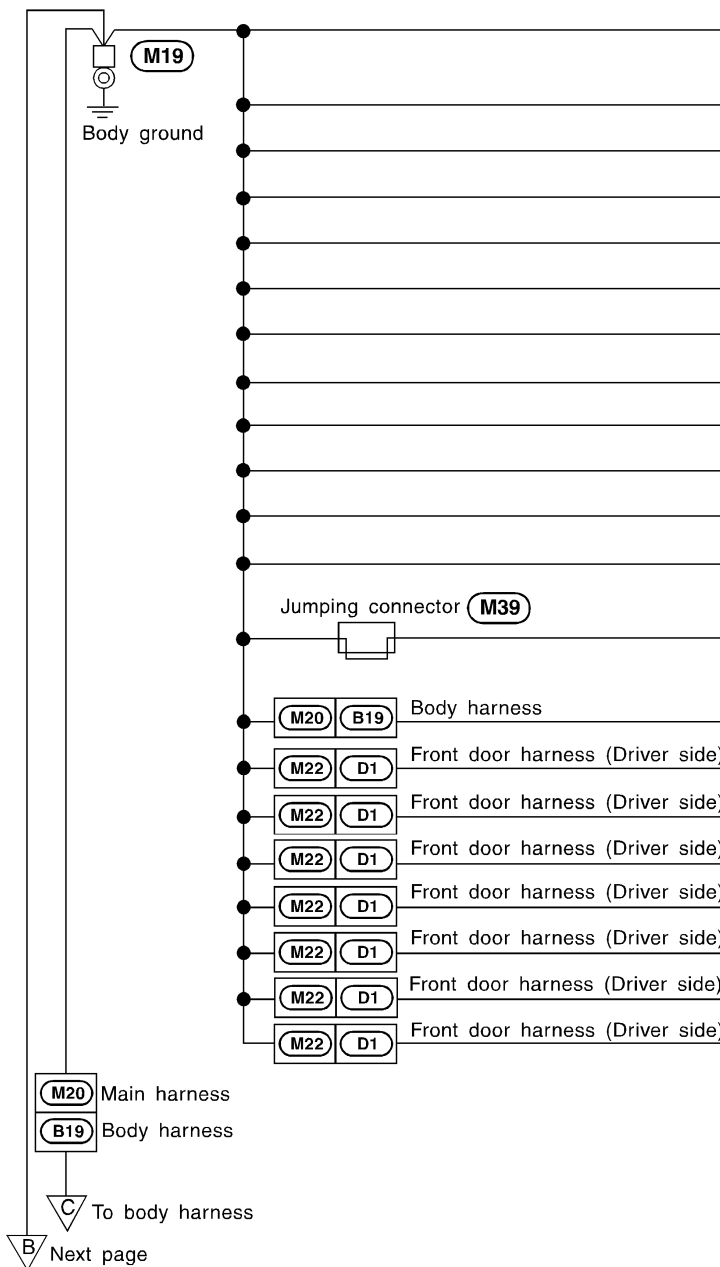
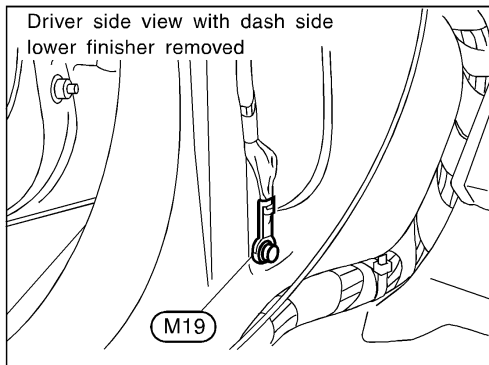
## Engine Control Harness/LHD Models

### ZD ENGINE



# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

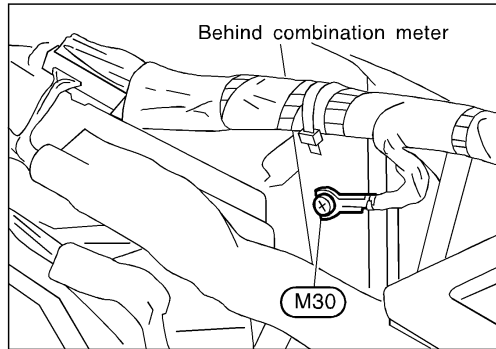
## Main Harness/LHD Models



CON-NECTOR NUMBER	CONNECT TO
M3	Fuse block (J/B) <ul style="list-style-type: none"><li>• Accessory relay</li><li>• Ignition relay</li><li>• Blower motor relay</li></ul>
M10	Data link connector (Terminal No. 4) (With CONSULT-II)
M11	Headlamp aiming switch
M13	Heat up switch (Terminal No. 2)
M13	Heat up switch (Terminal No. 4)
M14	Door mirror remote control switch
M17	ASCD control unit
M39	Illumination control switch
M108	Front fog lamp switch (Terminal No. 2)
M108	Front fog lamp switch (Terminal No. 6)
M111	Heated seat relay
M117	Super lock control unit
M142	Combination meter (Terminal No. 34) (Without illumination control switch) <ul style="list-style-type: none"><li>• Unified meter control unit</li><li>• Meter illumination (Without fine vision meter)</li></ul>
B13	Rear cooler switch (Terminal No. 3) (With front auto A/C)
D3	Door mirror defogger (Driver side)
D5	Power window main switch (Hardtop models)
D6	Front door key cylinder switch (Driver side) (For China and with super lock)
D7	Front door lock actuator assembly LH (With super lock)
D8	Front door lock switch (Driver side) (Without multi-remote control system)
D9	Front door lock actuator (Driver side) (With multi-remote control system)
D10	Power window main switch (Wagon models)

# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

## Main Harness/LHD Models (Cont'd)



Preceding page



M30

Body ground

CON- NECTOR NUMBER	CONNECT TO
M32	Combination meter (Terminal No. 5) (For Europe) • Unified meter control unit • Water temp. gauge • Fuel gauge • Air bag warning lamp
M33	Combination meter (Terminal No. 13) (For Europe) • Turn signal indicator • ABS warning lamp • Clock • Rear fog lamp indicator
M33	Combination meter (Terminal No. 20) (For Europe) • High beam indicator
M37	Combination flasher unit
M38	Mode door motor (With front auto A/C)
M40	Air mix door motor (With front auto A/C)
M44	Stabilizer control unit
M46	Rear window defogger switch (Terminal No. 2)
M46	Rear window defogger switch (Terminal No. 4)
M46	Rear window defogger switch (Terminal No. 6)
M47	Headlamp wiper switch (Terminal No. 5)
M47	Headlamp wiper switch (Terminal No. 7)
M48	Sub fuel tank switch (Terminal No. 2)
M48	Sub fuel tank switch (Terminal No. 6)
M49	Hazard switch
M67	Diff lock switch
M69	Sub fuel tank control unit
M100	Stabilizer switch
M120	Steering wheel receiver control switch
M122	Radio and cassette player
M126	Smart entrance control unit (For China)
M136	Door lock and unlock switch (Terminal No. 3)
M136	Door lock and unlock switch (Terminal No. 5)



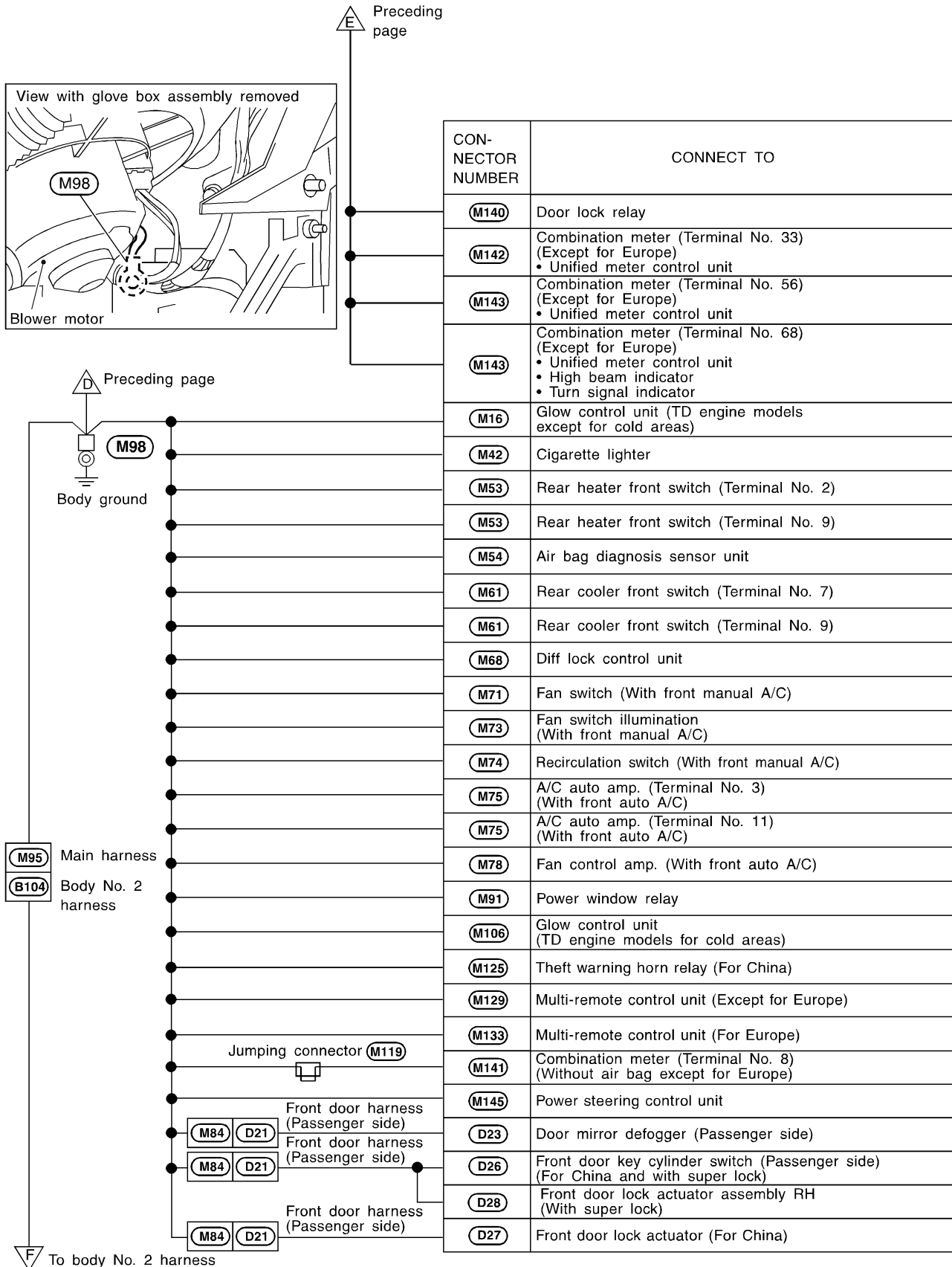
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Next page

# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

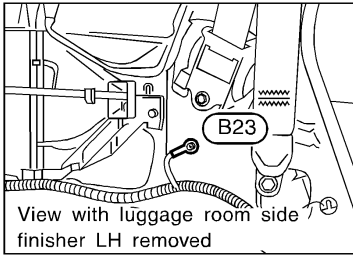
## Main Harness/LHD Models (Cont'd)



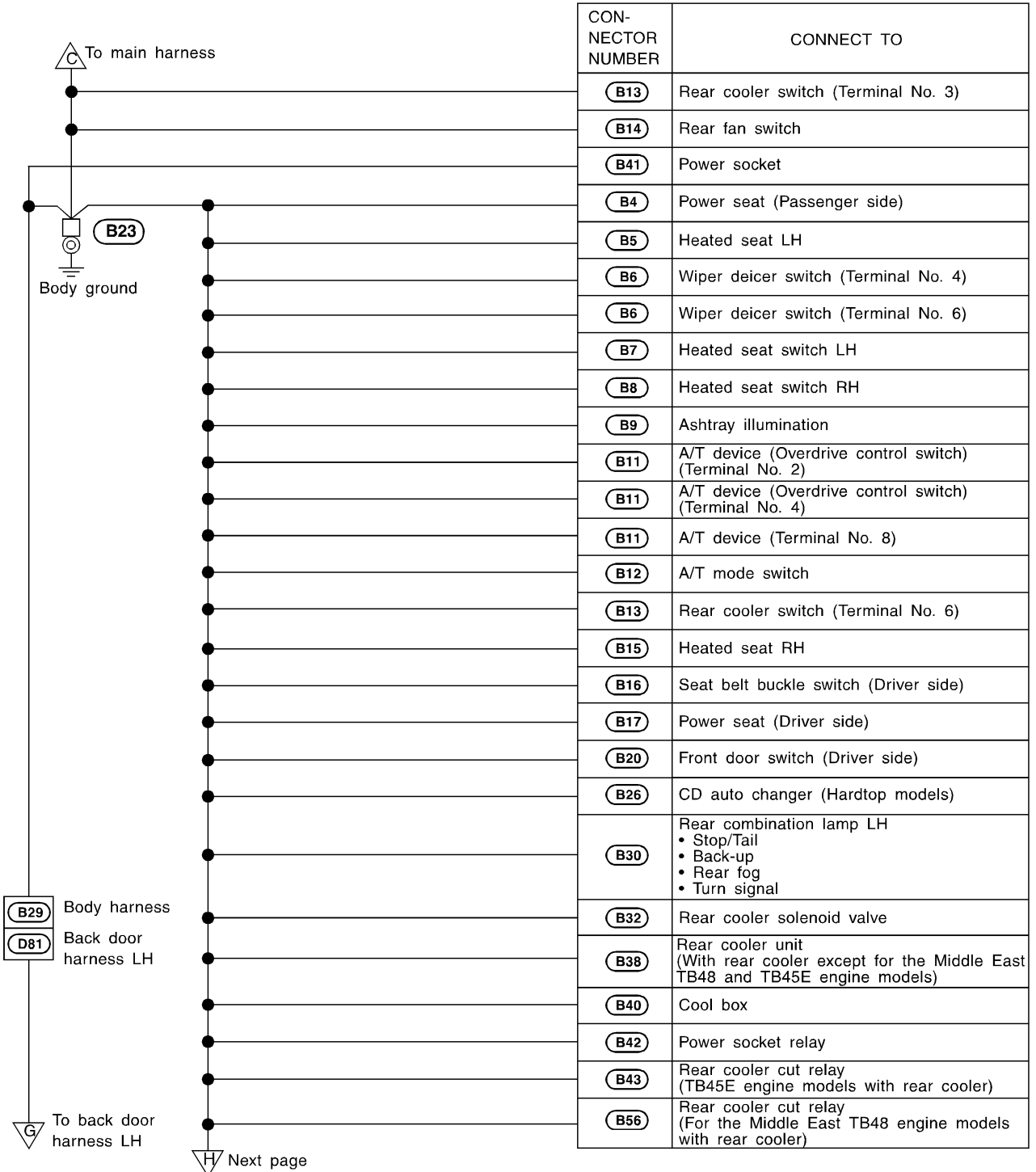
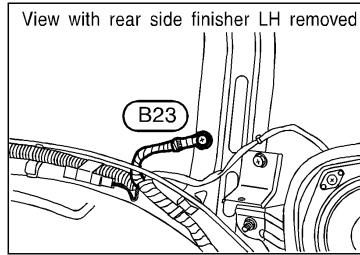
# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

## Body Harness/LHD Models

### Wagon models

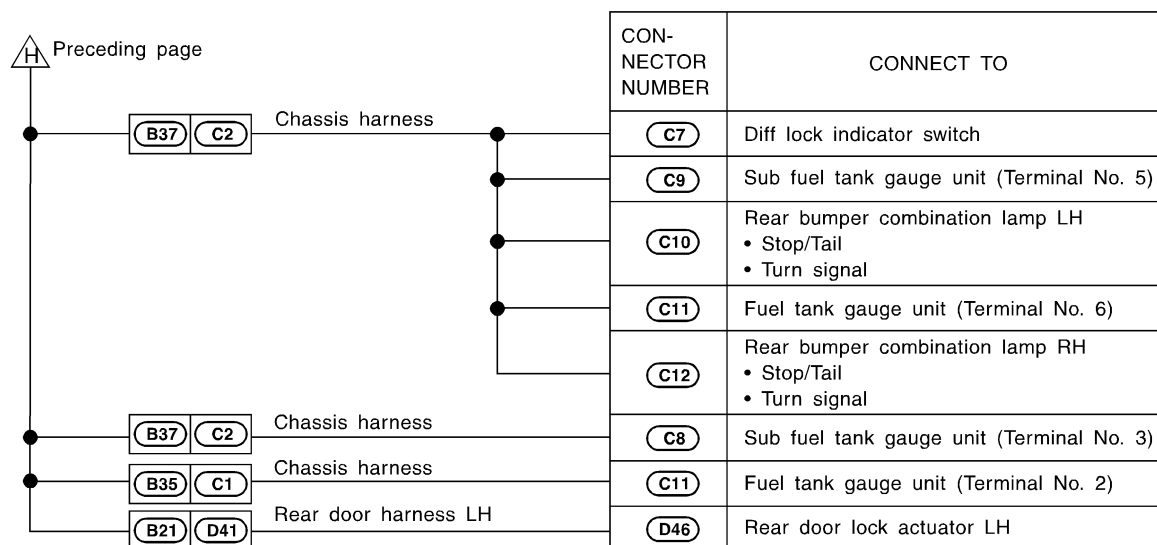


### Hardtop models



# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

## Body Harness/LHD Models (Cont'd)

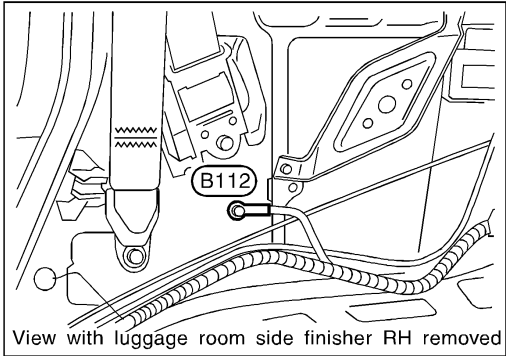


CEL220M

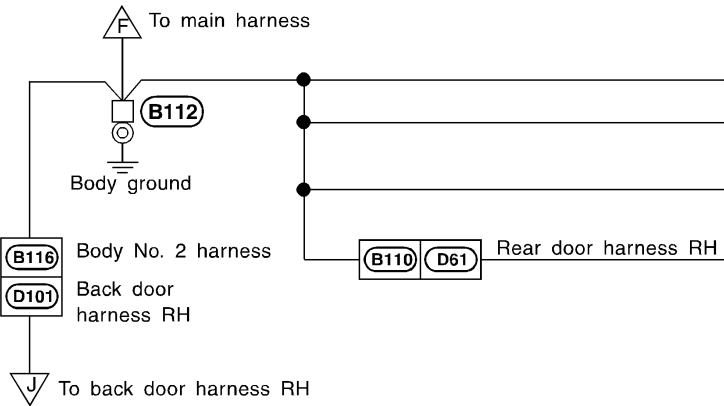
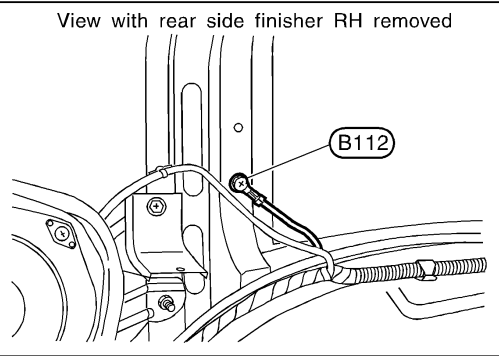
# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

## Body No. 2 Harness/LHD Models

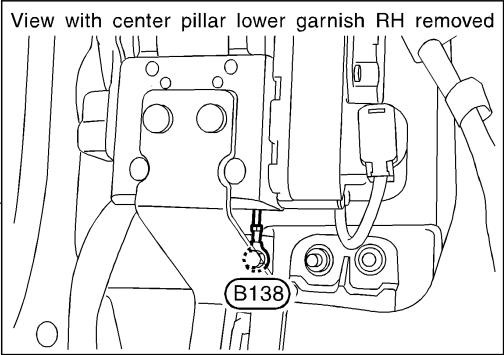
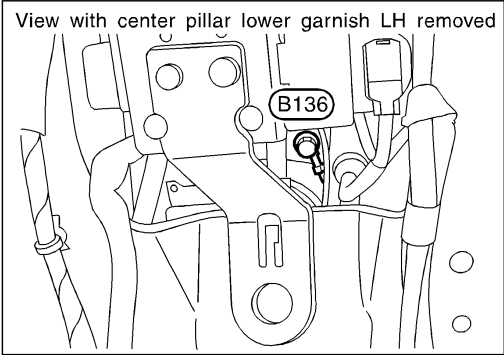
### Wagon models



### Hardtop models



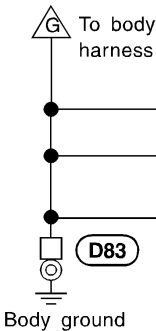
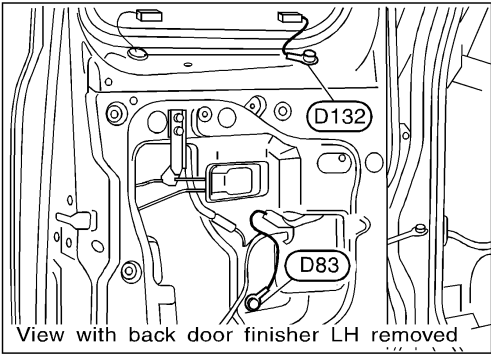
CON- NECTOR NUMBER	CONNECT TO
B107	Rear heater unit
B114	Rear wiper amp.
B117	Rear combination lamp RH <ul style="list-style-type: none"><li>• Stop/Tail</li><li>• Back-up</li><li>• Turn signal</li></ul>
D66	Rear door lock actuator RH



# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

## Back Door and Rear Window Defogger Harness/LHD Models

### BACK DOOR HARNESS LH

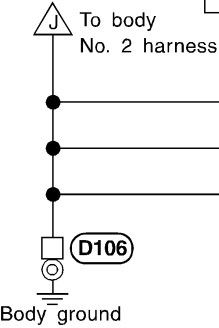
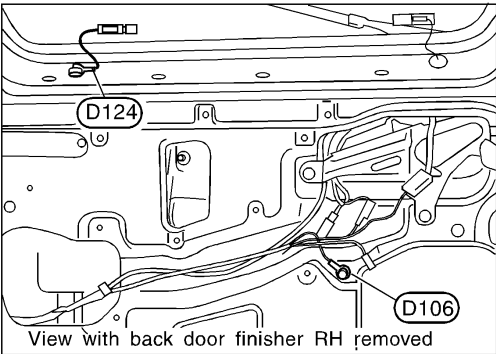


CON-NECTOR NUMBER	CONNECT TO
D82	License plate lamp
D86	Back door lock actuator
D88	Back door key cylinder switch (With theft warning system)

### REAR WINDOW DEFOGGER HARNESS LH

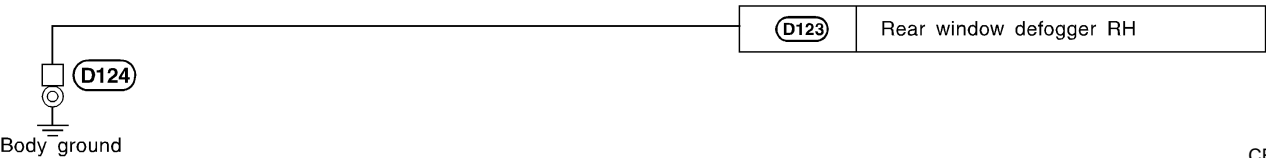


### BACK DOOR HARNESS RH



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

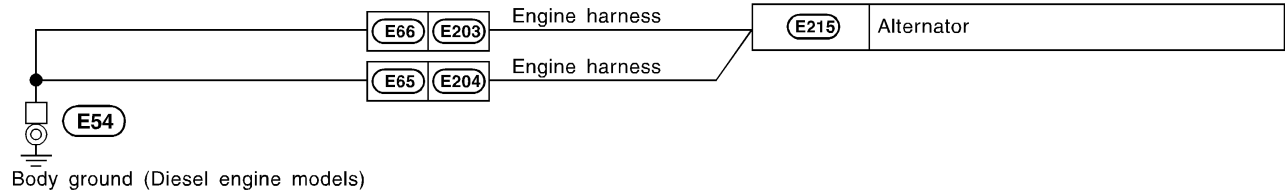
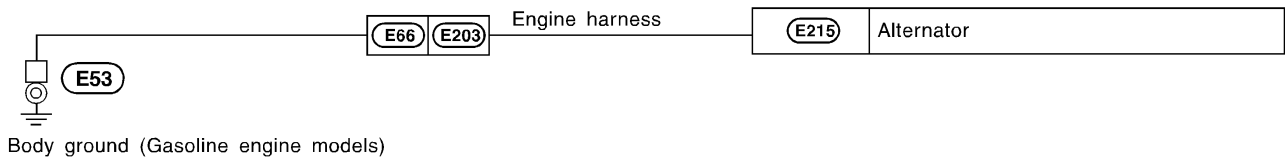
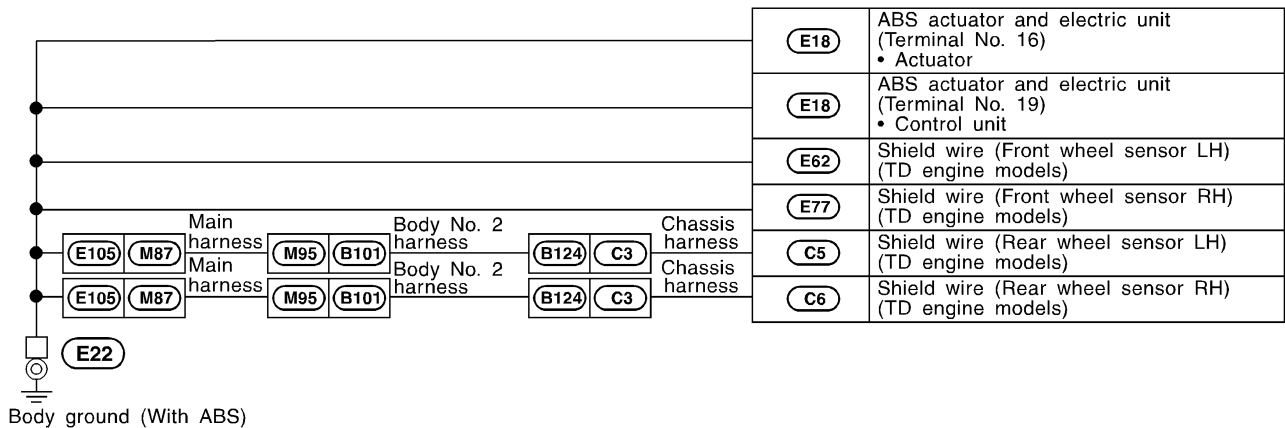
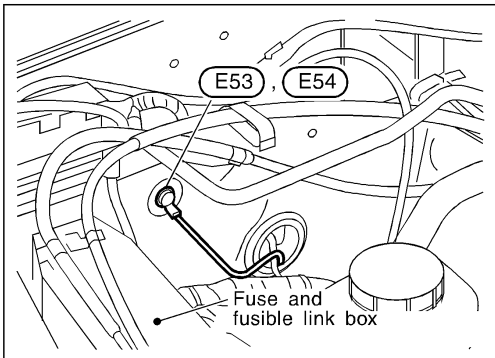
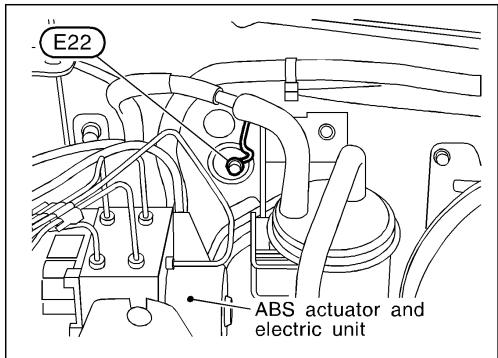
### REAR WINDOW DEFOGGER HARNESS RH





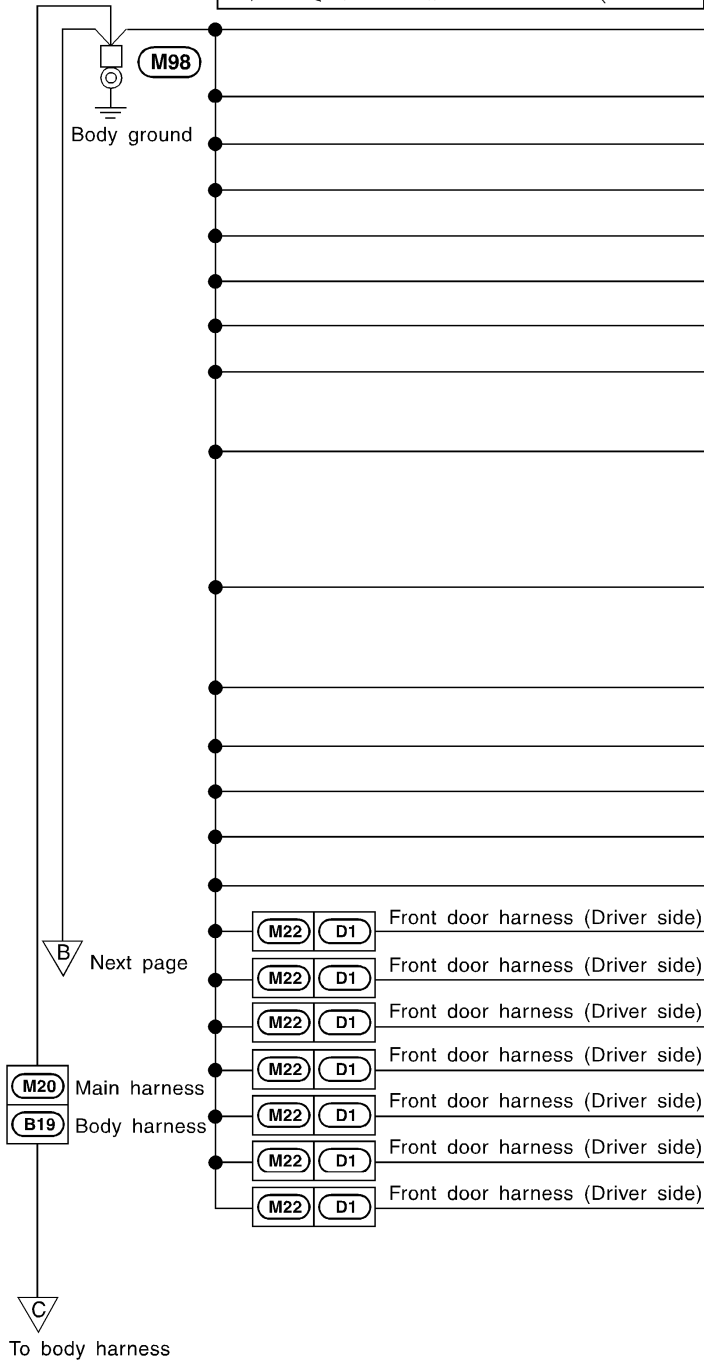
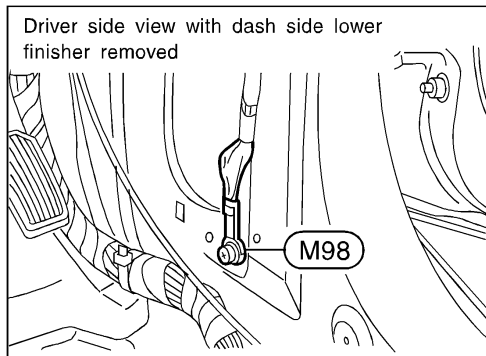
# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

## Engine Room Harness/RHD Models



# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

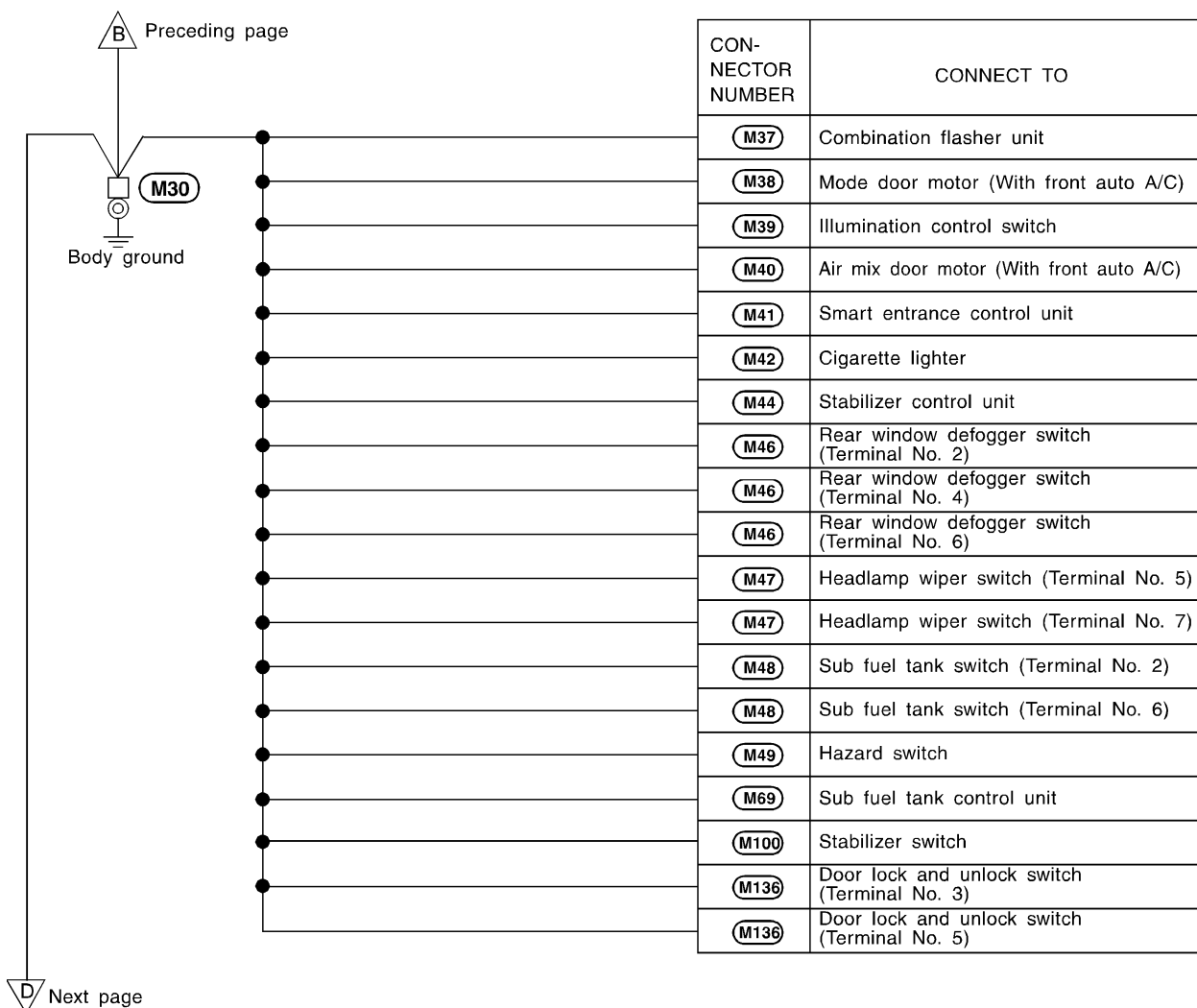
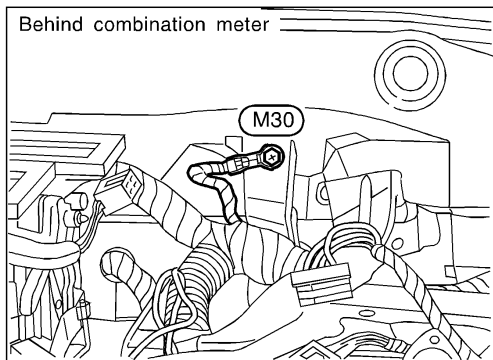
## Main Harness/RHD Models



CON- NECTOR NUMBER	CONNECT TO
M3	Fuse block (J/B) <ul style="list-style-type: none"> <li>Accessory relay</li> <li>Ignition relay</li> <li>Blower motor relay</li> </ul>
M10	Data link connector (Terminal No. 4) (Except for TD engine models for Australia)
M11	Headlamp aiming switch
M13	Heat up switch (Terminal No. 2)
M13	Heat up switch (Terminal No. 4)
M14	Door mirror remote control switch
M16	Glow control unit (TD engine models except for Australia)
M17	ASCD control unit
M32	Combination meter (Terminal No. 5) (For Europe) <ul style="list-style-type: none"> <li>Unified meter control unit</li> <li>Water temp. gauge</li> <li>Fuel gauge</li> <li>Air bag warning lamp</li> </ul>
M33	Combination meter (Terminal No. 13) (For Europe) <ul style="list-style-type: none"> <li>Turn signal indicator</li> <li>ABS warning lamp</li> <li>Clock</li> <li>Rear fog lamp indicator</li> </ul>
M33	Combination meter (Terminal No. 20) (For Europe) <ul style="list-style-type: none"> <li>High beam indicator</li> </ul>
M106	Glow control unit (TD engine models for Australia)
M108	Front fog lamp switch (Terminal No. 2)
M108	Front fog lamp switch (Terminal No. 6)
M117	Super lock control unit
D3	Door mirror defogger (Driver side)
D5	Power window main switch (Hardtop models)
D6	Front door key cylinder switch (Driver side) (With super lock)
D7	Front door lock actuator assembly RH (With super lock)
D8	Front door lock switch (Driver side) (Without multi-remote control system)
D9	Front door lock actuator (Driver side) (With multi-remote control system)
D10	Power window main switch (Wagon models)

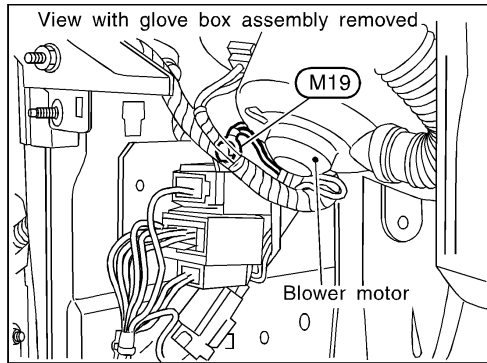
# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

## Main Harness/RHD Models (Cont'd)

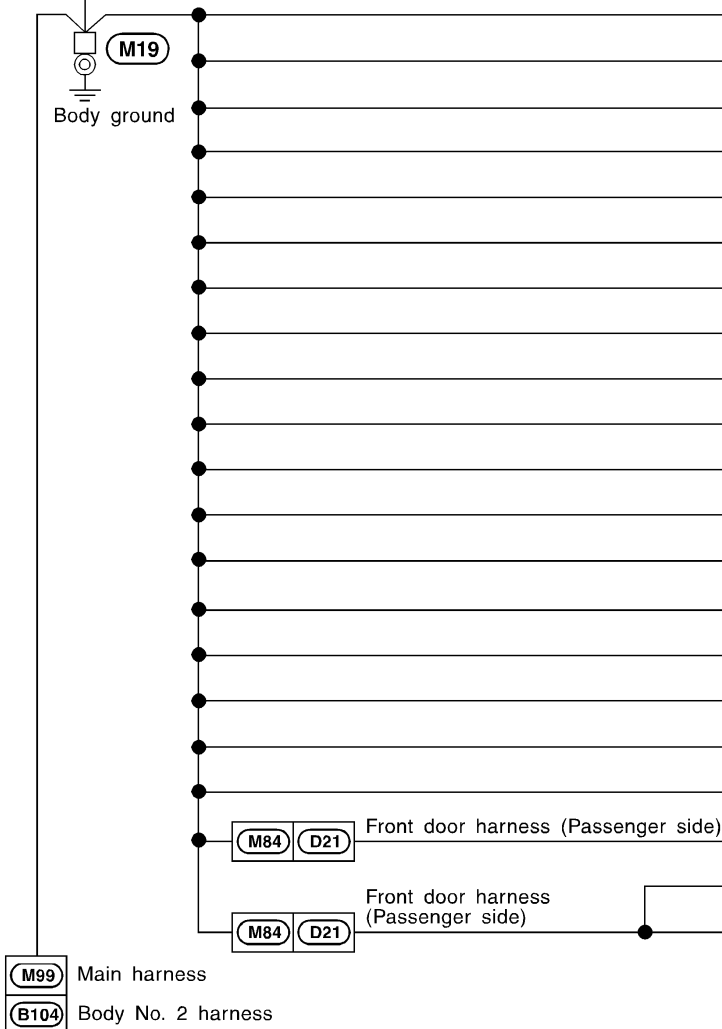


# GROUND DISTRIBUTION/WAGON AND HARDTOP MODELS

## Main Harness/RHD Models (Cont'd)



D Preceding page



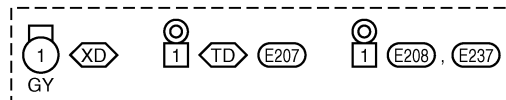
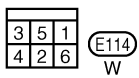
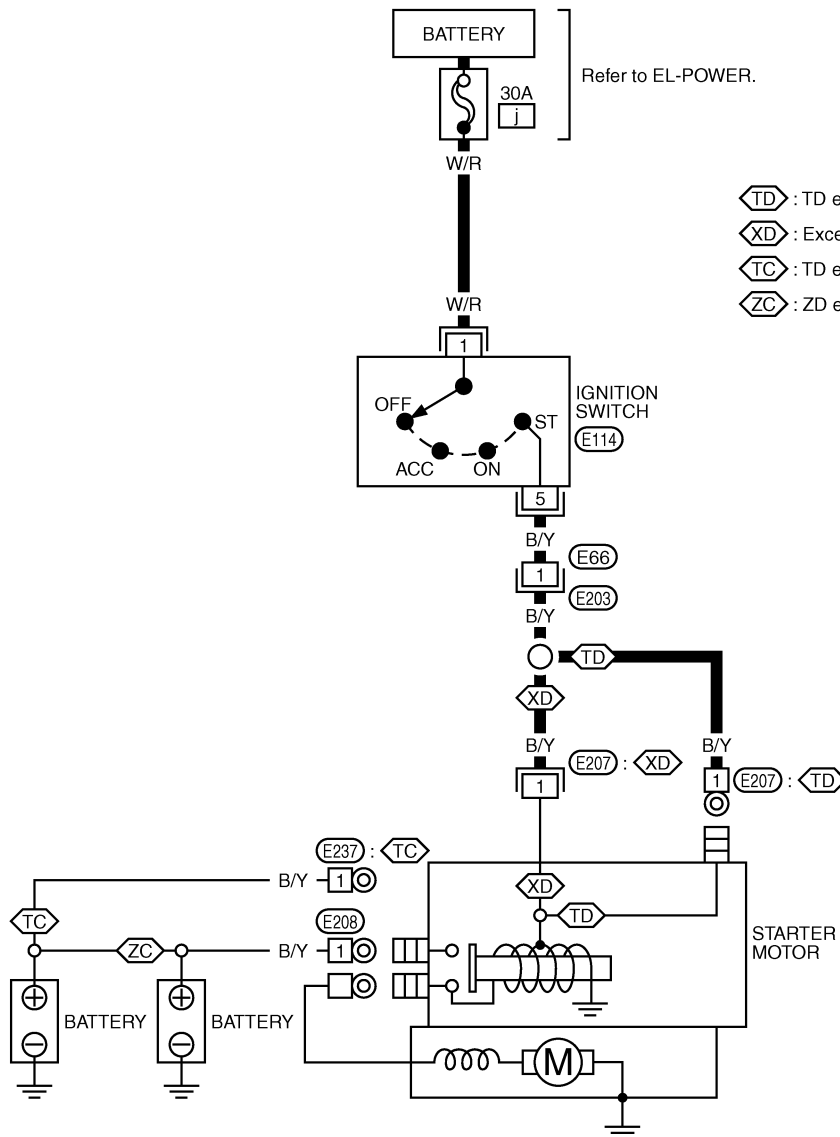
E To body No. 2 harness

CON- NECTOR NUMBER	CONNECT TO
M53	Rear heater front switch (Terminal No. 2)
M53	Rear heater front switch (Terminal No. 9)
M54	Air bag diagnosis sensor unit
M60	Power antenna switch
M61	Rear cooler front switch (Terminal No. 7)
M61	Rear cooler front switch (Terminal No. 9)
M67	Diff lock switch
M68	Diff lock control unit
M71	Fan switch (With front manual A/C)
M73	Fan switch illumination (With front manual A/C)
M74	Recirculation switch (With front manual A/C)
M75	A/C auto amp. (Terminal No. 3) (With front auto A/C)
M75	A/C auto amp. (Terminal No. 11) (With front auto A/C)
M78	Fan control amp. (With front auto A/C)
M91	Power window relay
M111	Heated seat relay
M129	Multi-remote control unit (Except for Europe and South Africa)
M133	Multi-remote control unit (For Europe and South Africa)
D23	Door mirror defogger (Passenger side)
D26	Front door key cylinder switch (Passenger side) (With super lock)
D28	Front door lock actuator assembly LH (With super lock)

# STARTING SYSTEM

## Wiring Diagram — START —/M/T Models

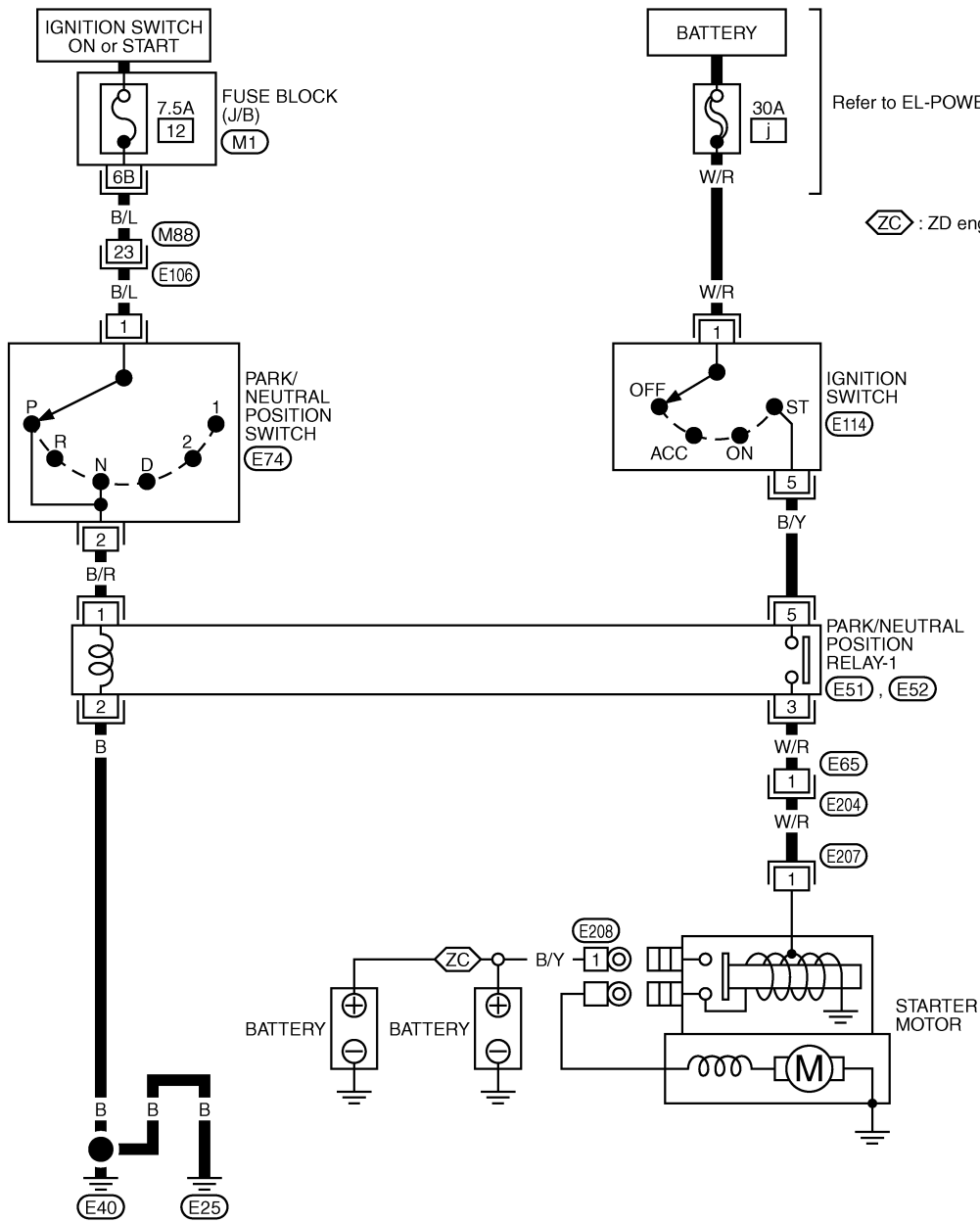
EL-START-01



# STARTING SYSTEM

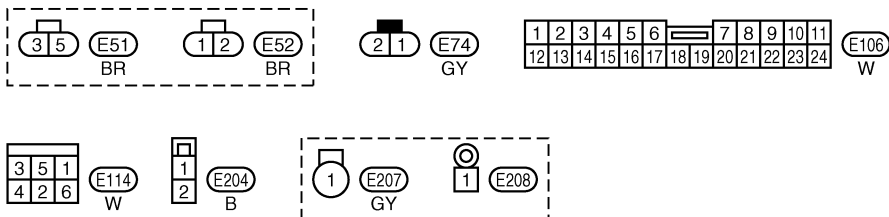
## Wiring Diagram — START —/A/T Models

EL-START-02



Refer to EL-POWER.

⬡ZC⬡ : ZD engine models for cold areas



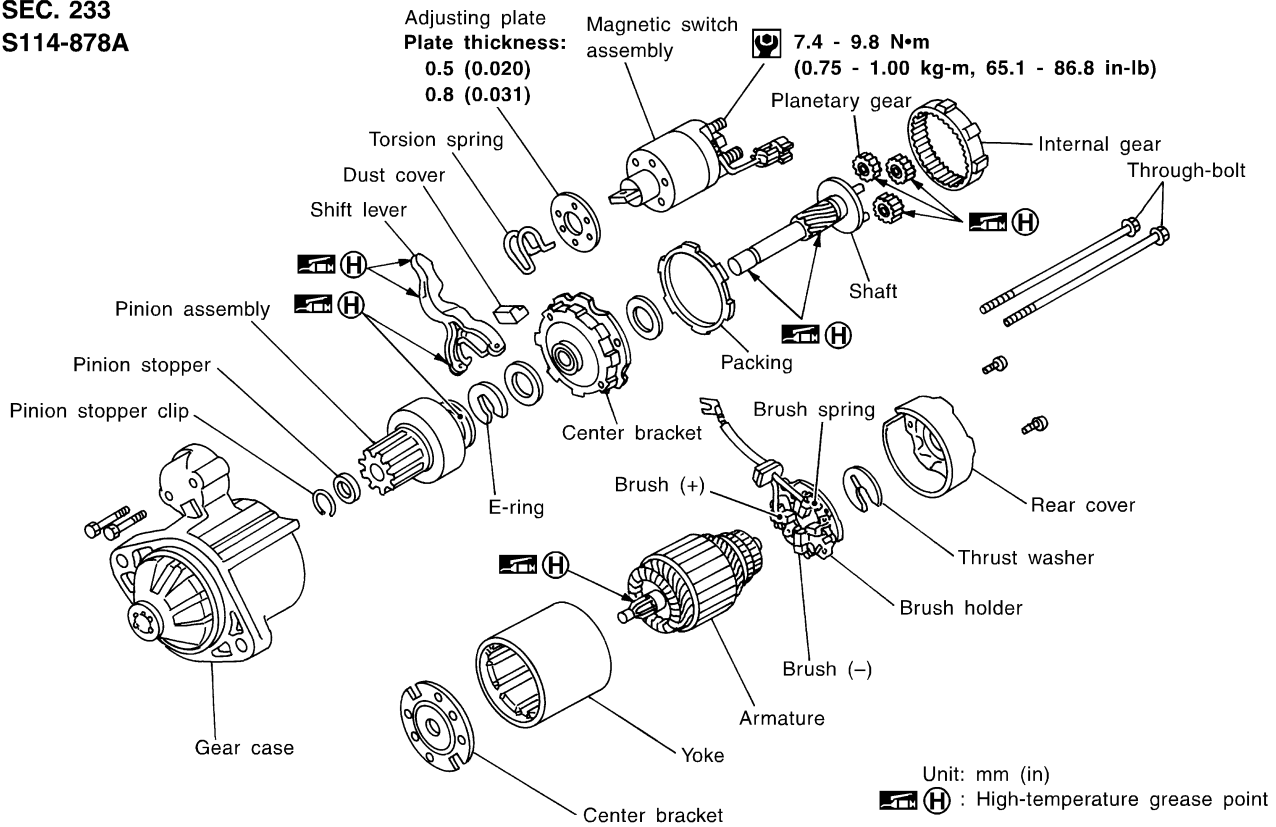
Refer to last page (Foldout page).

(M1)

# STARTING SYSTEM

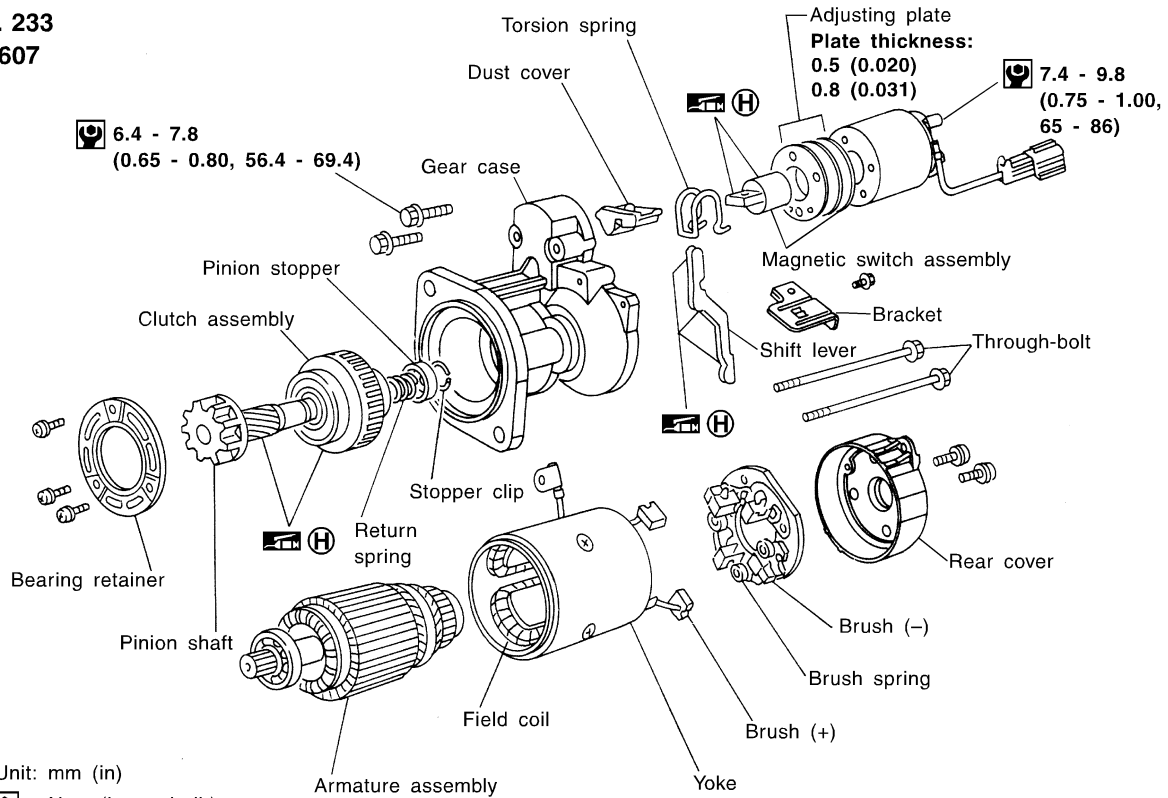
## Construction

**SEC. 233**  
**S114-878A**



MEL744IA

**SEC. 233**  
**S14-607**



MEL656KA

# STARTING SYSTEM

## Service Data and Specifications (SDS)

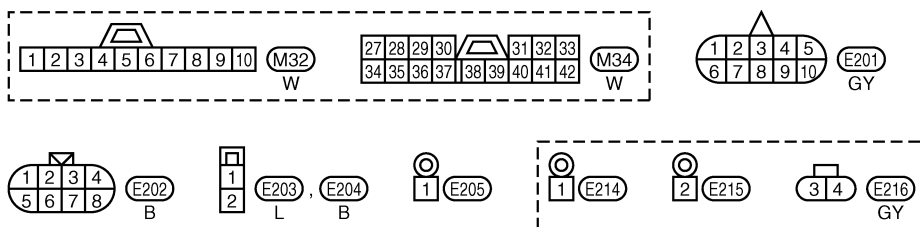
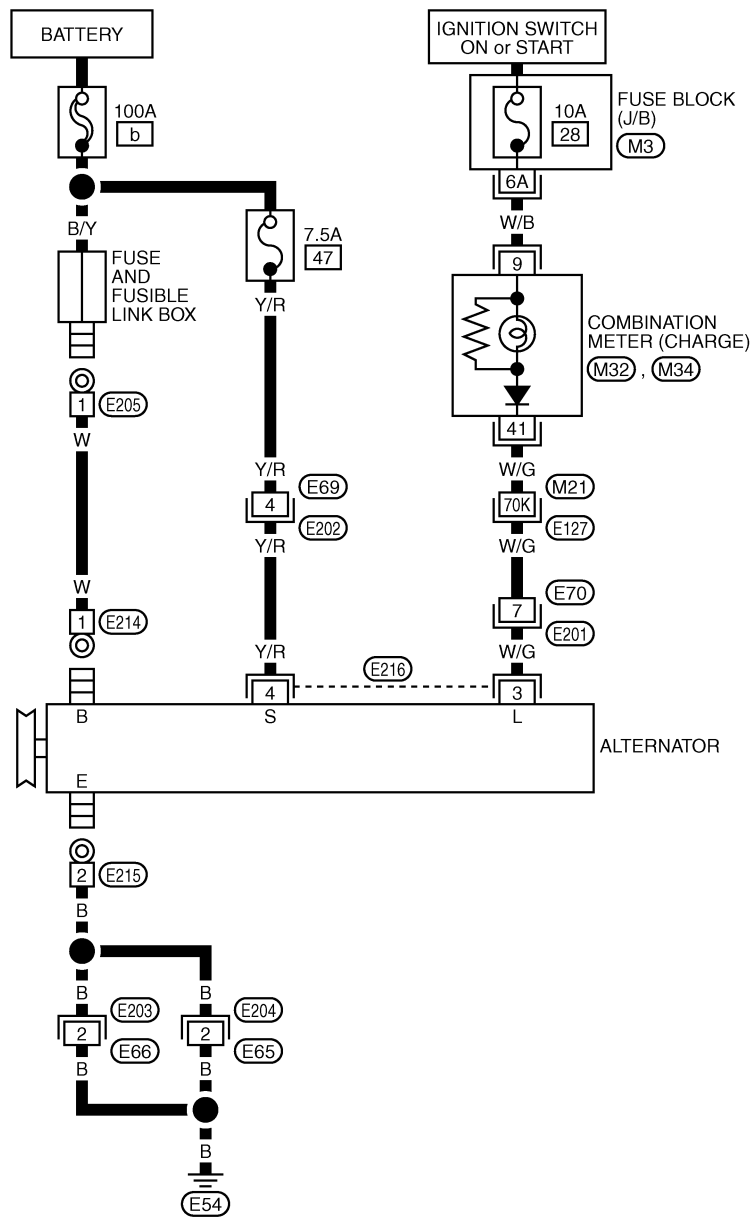
### STARTER

Type		S13-551A	S14-607
		HITACHI make	
		Reduction gear type	
Applied model		ZD30 Standard	ZD30 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)
Clearance between bearing metal and armature shaft	mm (in)	—	—
Clearance "ℓ" between pinion front edge and pinion stopper	mm (in)	—	—
Movement "ℓ" in height of pinion assembly	mm (in)	0.3 - 2.0 (0.012 - 0.079)	



## EL-CHARGE-02

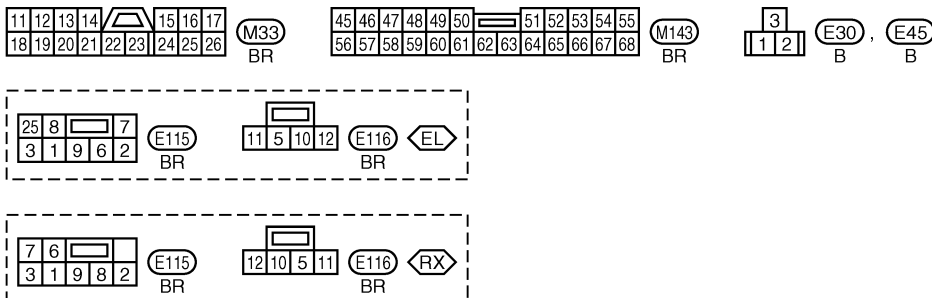
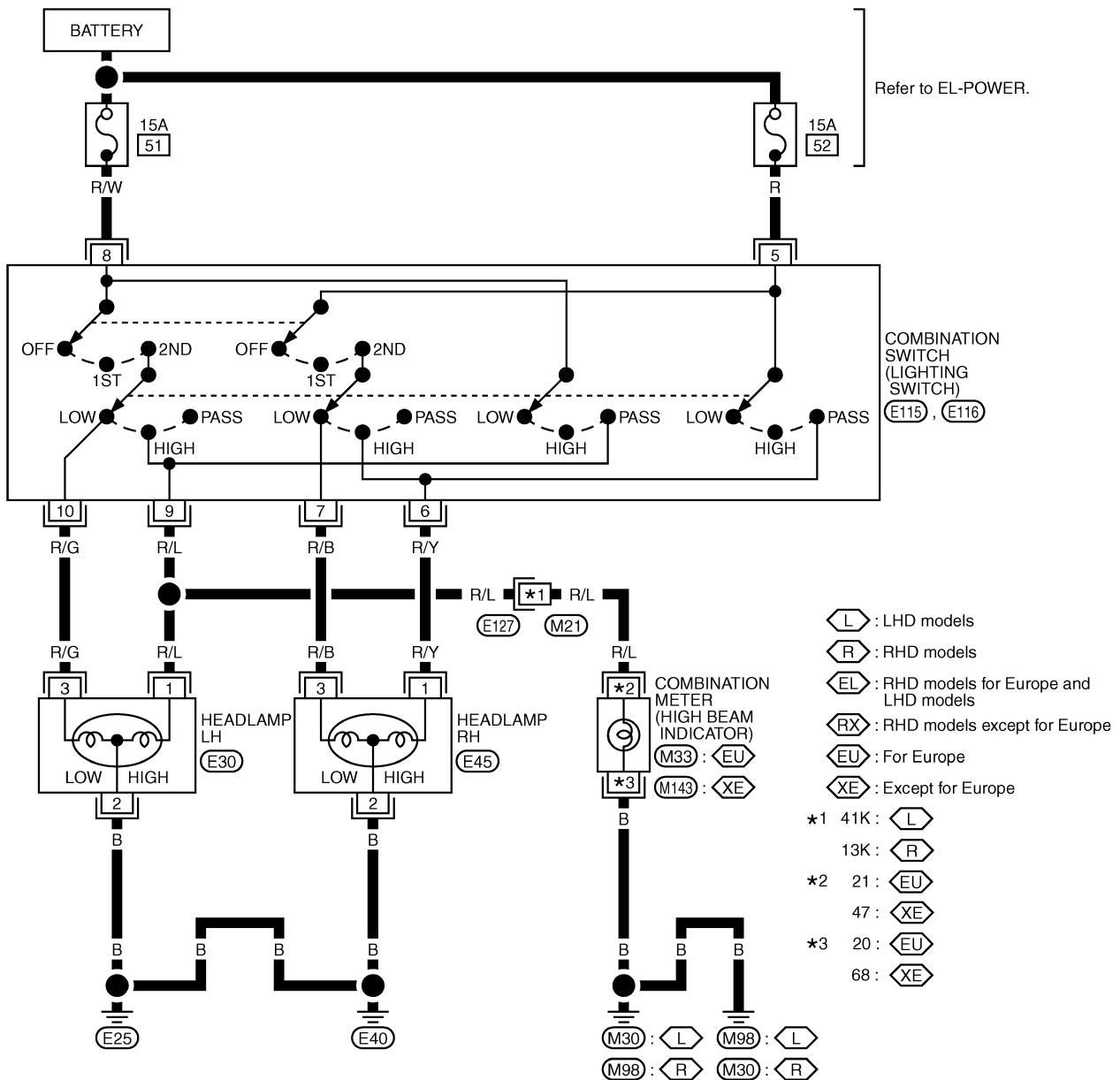
## Wiring Diagram — CHARGE —

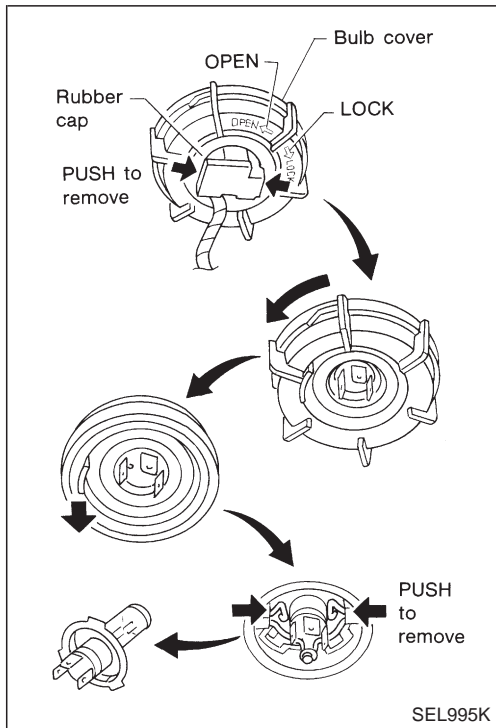


# HEADLAMP/WAGON AND HARDTOP MODELS — Conventional Type —

## Wiring Diagram — H/LAMP —

EL-H/LAMP-01





### Bulb Replacement

The headlamp is a semi-sealed beam type which uses a replaceable halogen bulb. The bulb can be replaced from the engine compartment side without removing the headlamp body.

- **Grasp only the plastic base when handling the bulb. Never touch the glass envelope.**

1. Disconnect the battery cable.
2. Turn the bulb retaining ring counterclockwise until it is free from the headlamp reflector, and then remove it.
3. Disconnect the harness connector from the back side of the bulb.
4. Remove the headlamp bulb carefully. Do not shake or rotate the bulb when removing it.
5. Install in the reverse order of removal.

#### CAUTION:

**Do not leave headlamp reflector without bulb for a long period of time. Dust, moisture, smoke, etc. entering headlamp body may affect the performance of the headlamp. Remove headlamp bulb from the headlamp reflector just before a replacement bulb is installed.**

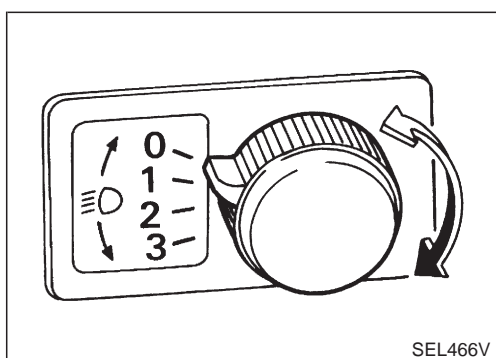
### Aiming Adjustment

When performing headlamp aiming adjustment, use an aiming machine, aiming wall screen or headlamp tester. Aimers should be in good repair, calibrated and operated in accordance with respective operation manuals.

If any aimer is not available, aiming adjustment can be done as follows:

**For details, refer to the regulations in your own country.**

- a. **Keep all tires inflated to correct pressures.**
- b. **Place vehicle and tester on one and same flat surface.**
- c. **See that there is no-load in vehicle (coolant, engine oil filled up to correct level and full fuel tank) other than the driver (or equivalent weight placed in driver's position).**



#### CAUTION:

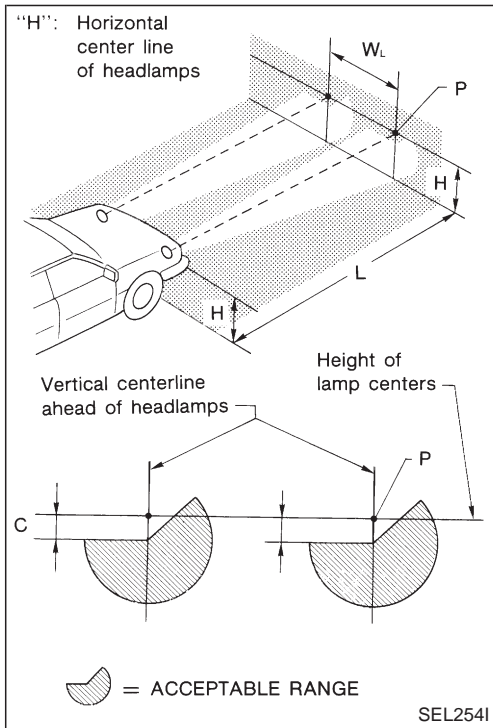
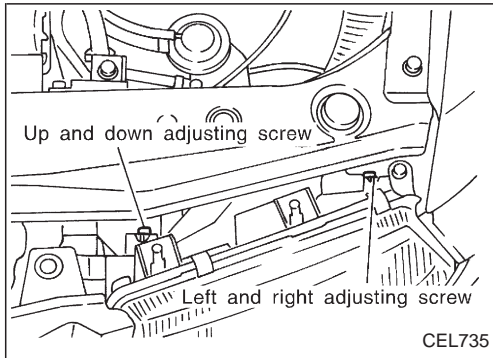
**Be sure aiming switch is set to "0" when performing aiming adjustment on vehicles equipped with headlamp aiming control.**

## HEADLAMP/WAGON AND HARDTOP MODELS — Conventional Type —

### Aiming Adjustment (Cont'd)

#### LOW BEAM

1. Turn headlamp low beam on.
  2. Use adjusting screws to perform aiming adjustment.
- **First tighten the adjusting screw all the way and then make adjustment by loosening the screw.**



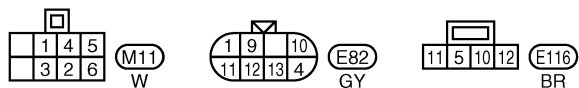
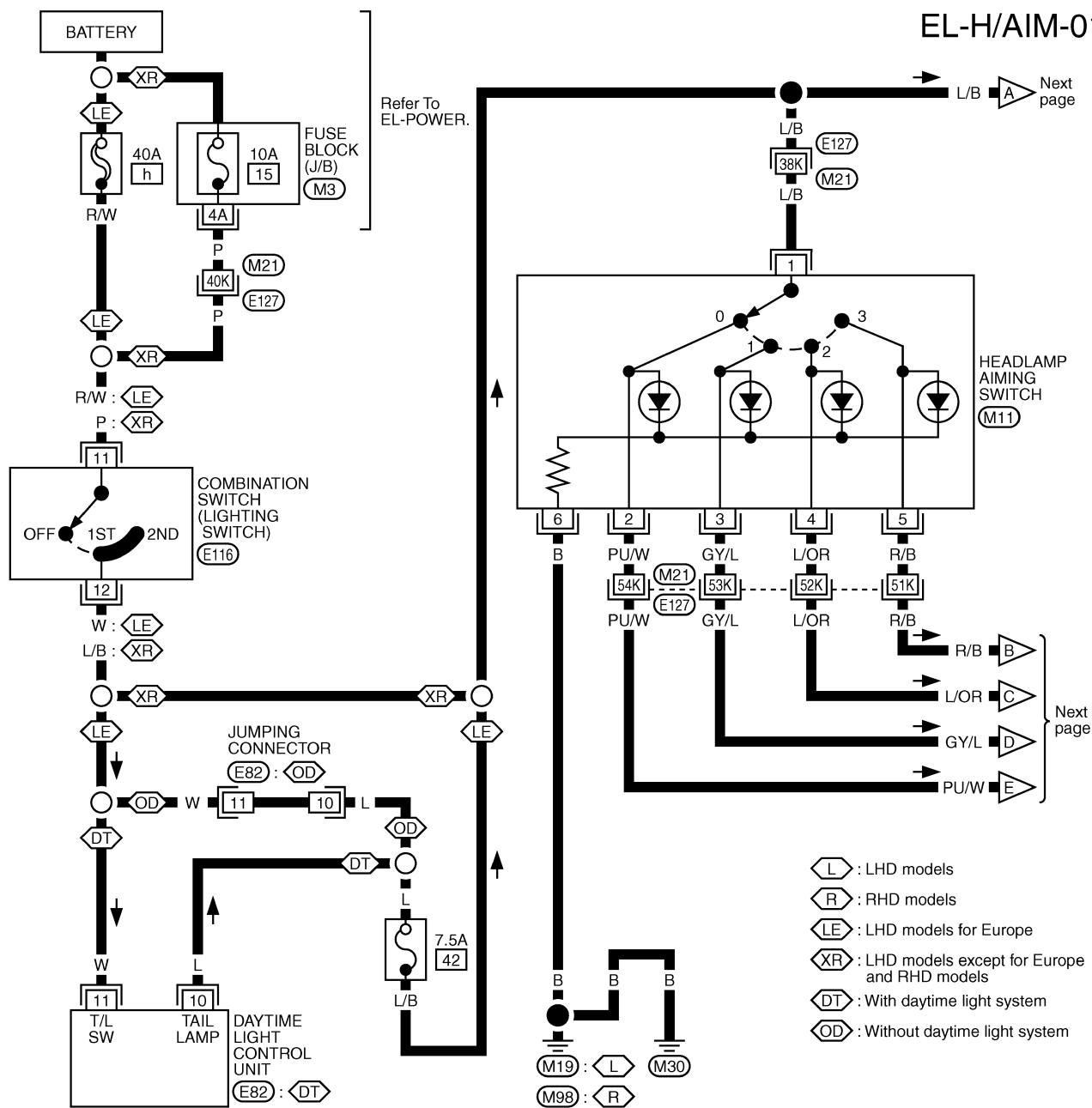
- Adjust headlamps so that main axis of light is parallel to center line of body and is aligned with point P shown in illustration.
- Figure to the left shows headlamp aiming pattern for driving on right side of road; for driving on left side of road, aiming pattern is reversed.
- Dotted lines in illustration show center of headlamp.

"H": Horizontal center line of headlamps  
"W<sub>L</sub>": Distance between each headlamp center  
"L": 5,000 mm (196.85 in)  
"C": 63 mm (2.48 in)

# HEADLAMP/WAGON AND HARDTOP MODELS — Headlamp Aiming Control —

## Wiring Diagram — H/AIM —

EL-H/AIM-01



Refer to last page (Foldout page).

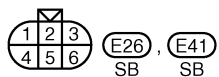
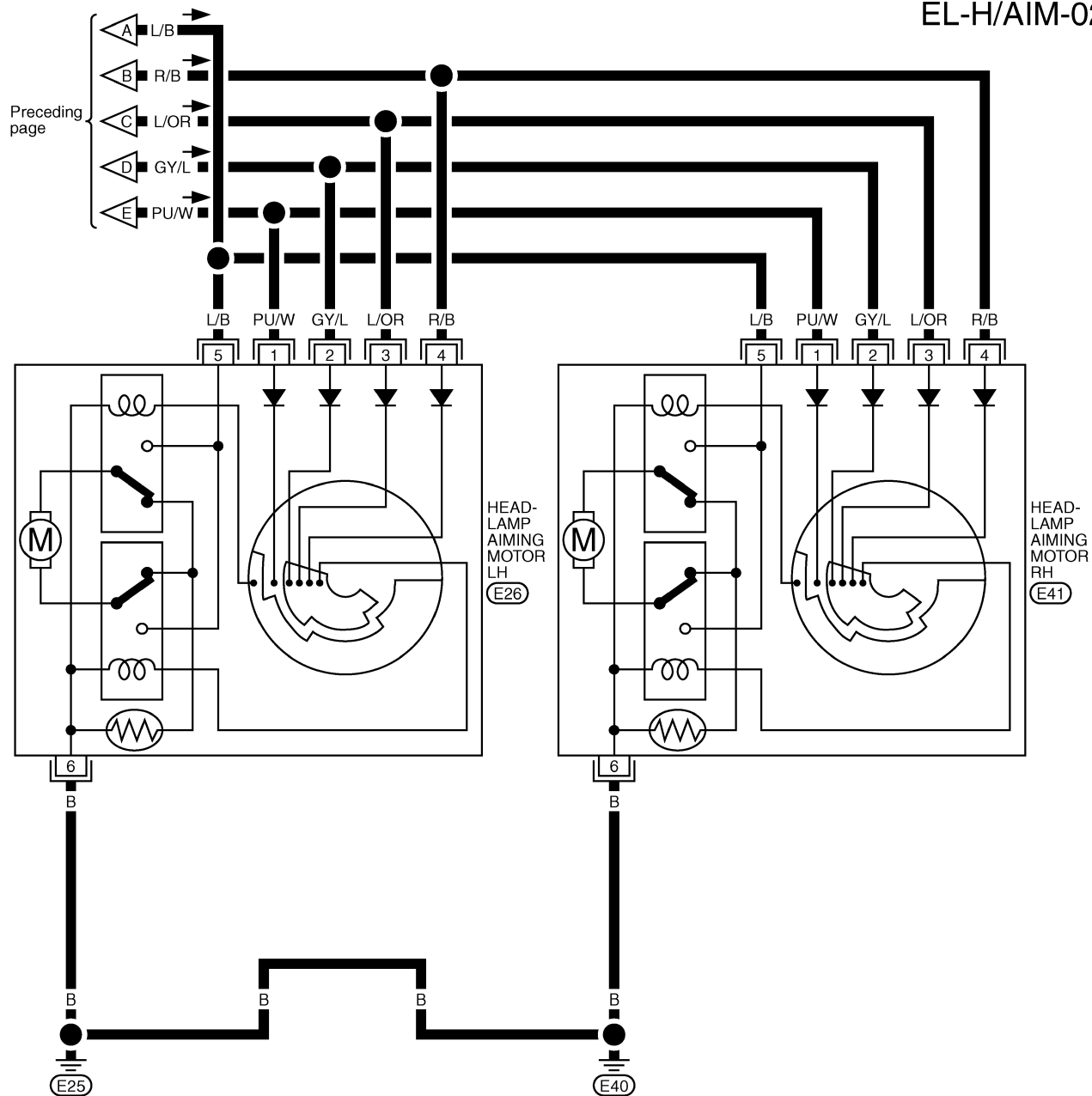
M21, E127  
M3

# HEADLAMP/WAGON AND HARDTOP MODELS

## — Headlamp Aiming Control —

### Wiring Diagram — H/AIM — (Cont'd)

EL-H/AIM-02



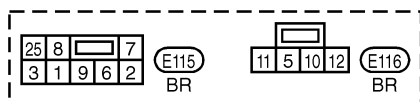
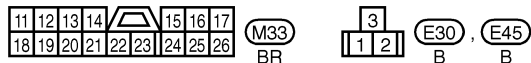
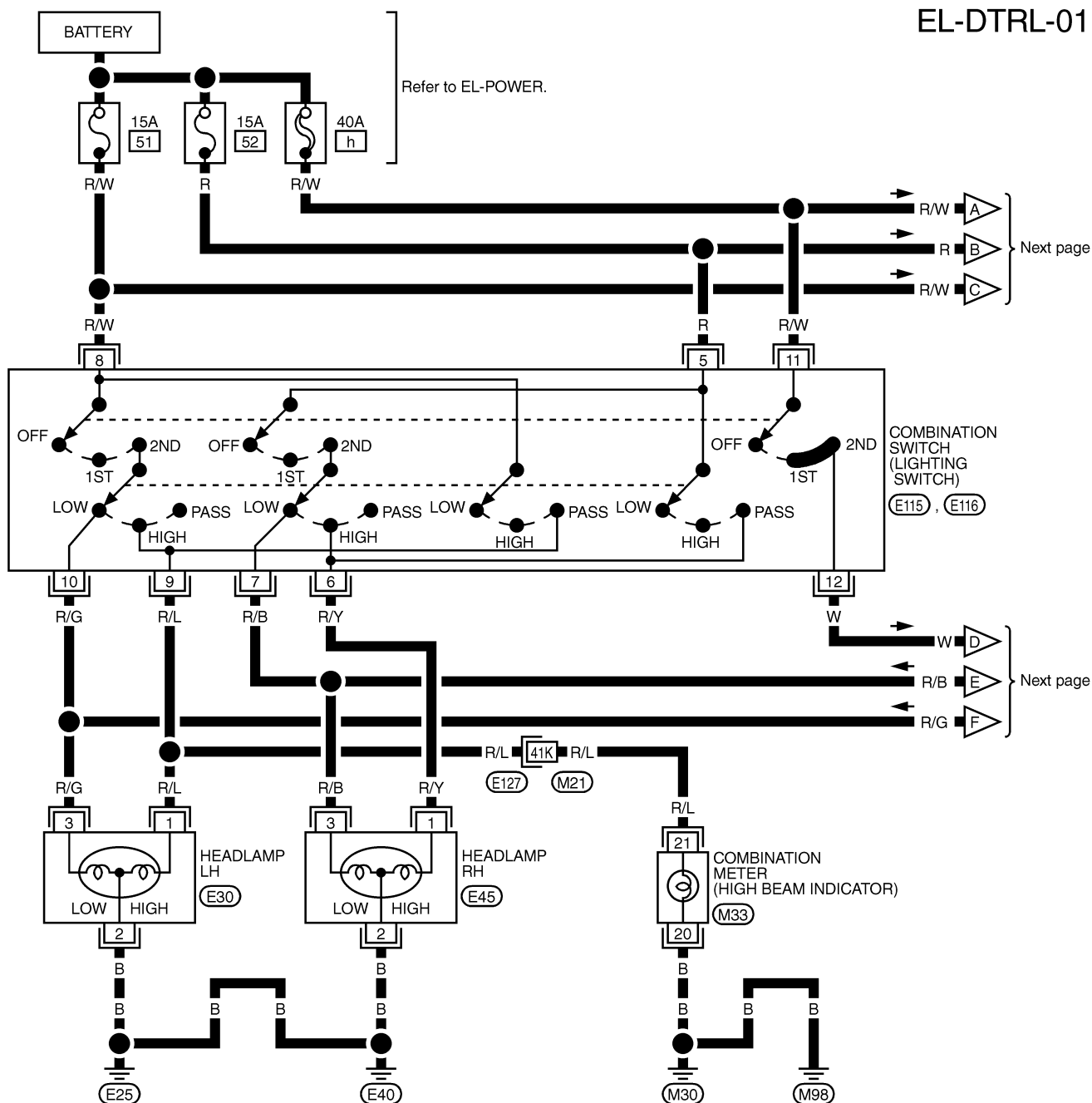
TEL390M

# HEADLAMP/WAGON AND HARDTOP MODELS

## — Daytime Light System —

### Wiring Diagram — DTRL —

EL-DTRL-01



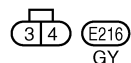
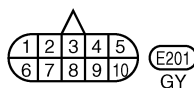
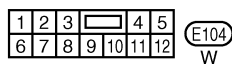
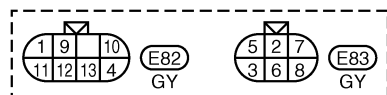
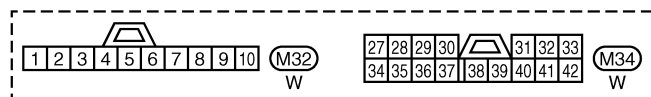
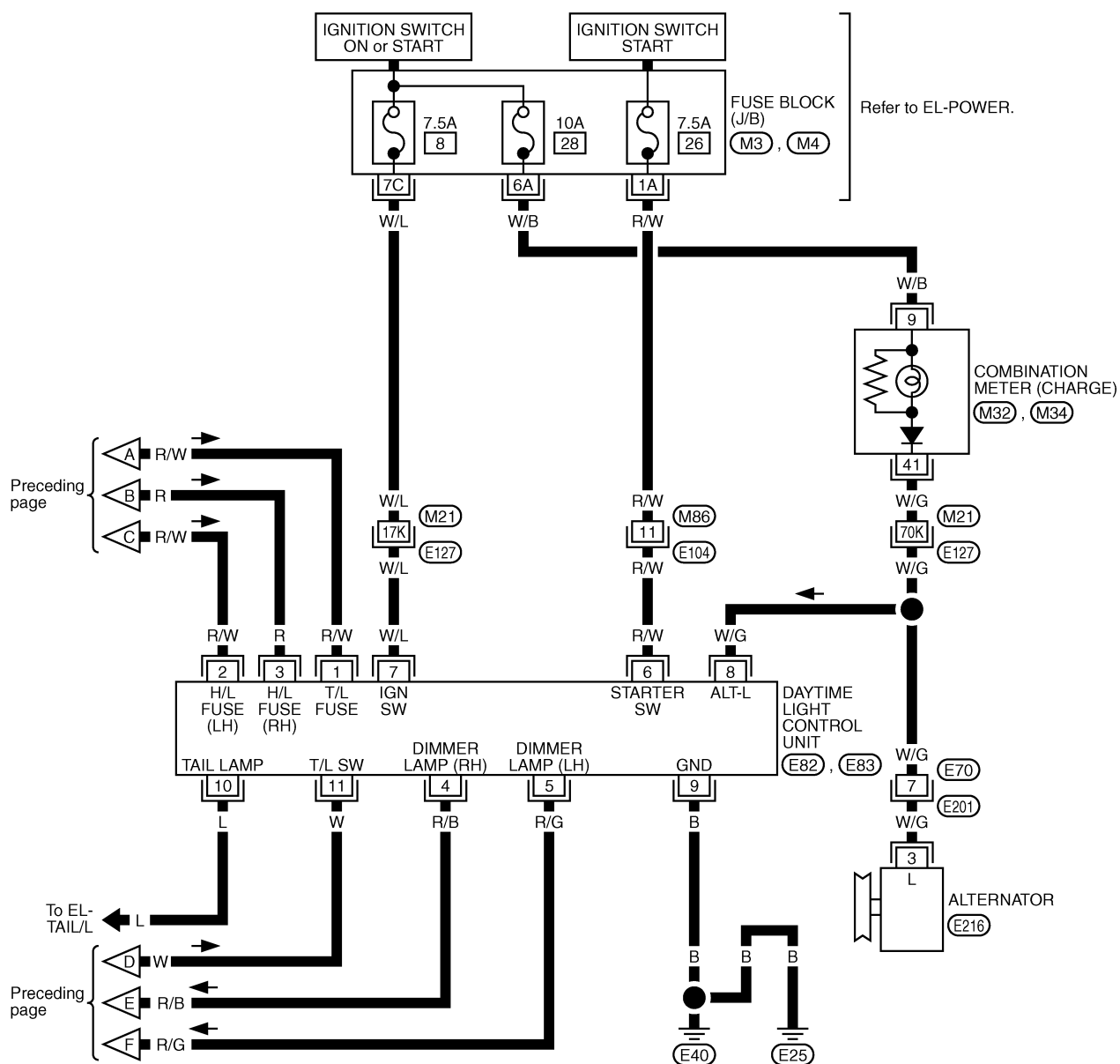
Refer to last page (Foldout page).  
(M21, E127)

# HEADLAMP/WAGON AND HARDTOP MODELS

## — Daytime Light System —

### Wiring Diagram — DTRL — (Cont'd)

EL-DTRL-02



Refer to last page (Foldout page).

M21, E127

M3

M4

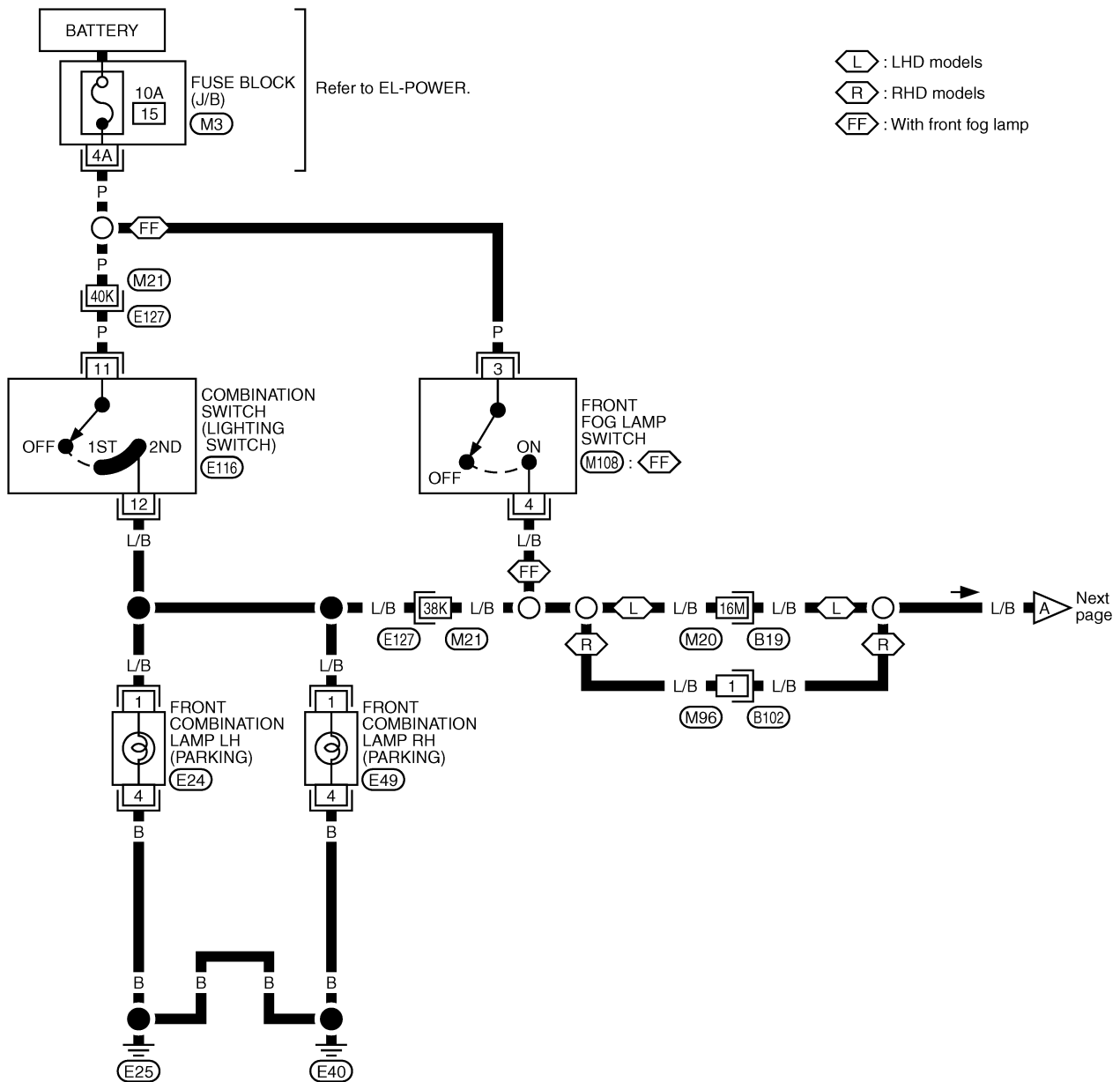


# PARKING, LICENSE AND TAIL LAMPS/WAGON AND HARDTOP MODELS

## Wiring Diagram — TAIL/L —/Type A

Rear combination lamps are not located on rear bumper.

EL-TAIL/L-01



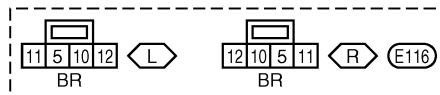
2	1	4
6	5	3

M108  
B

1	2
3	4

E24  
SB

E49  
SB



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

B102  
W

Refer to last page (Foldout page).

M20, B19

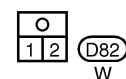
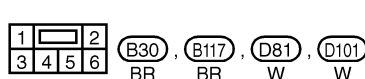
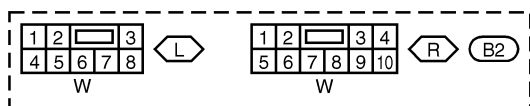
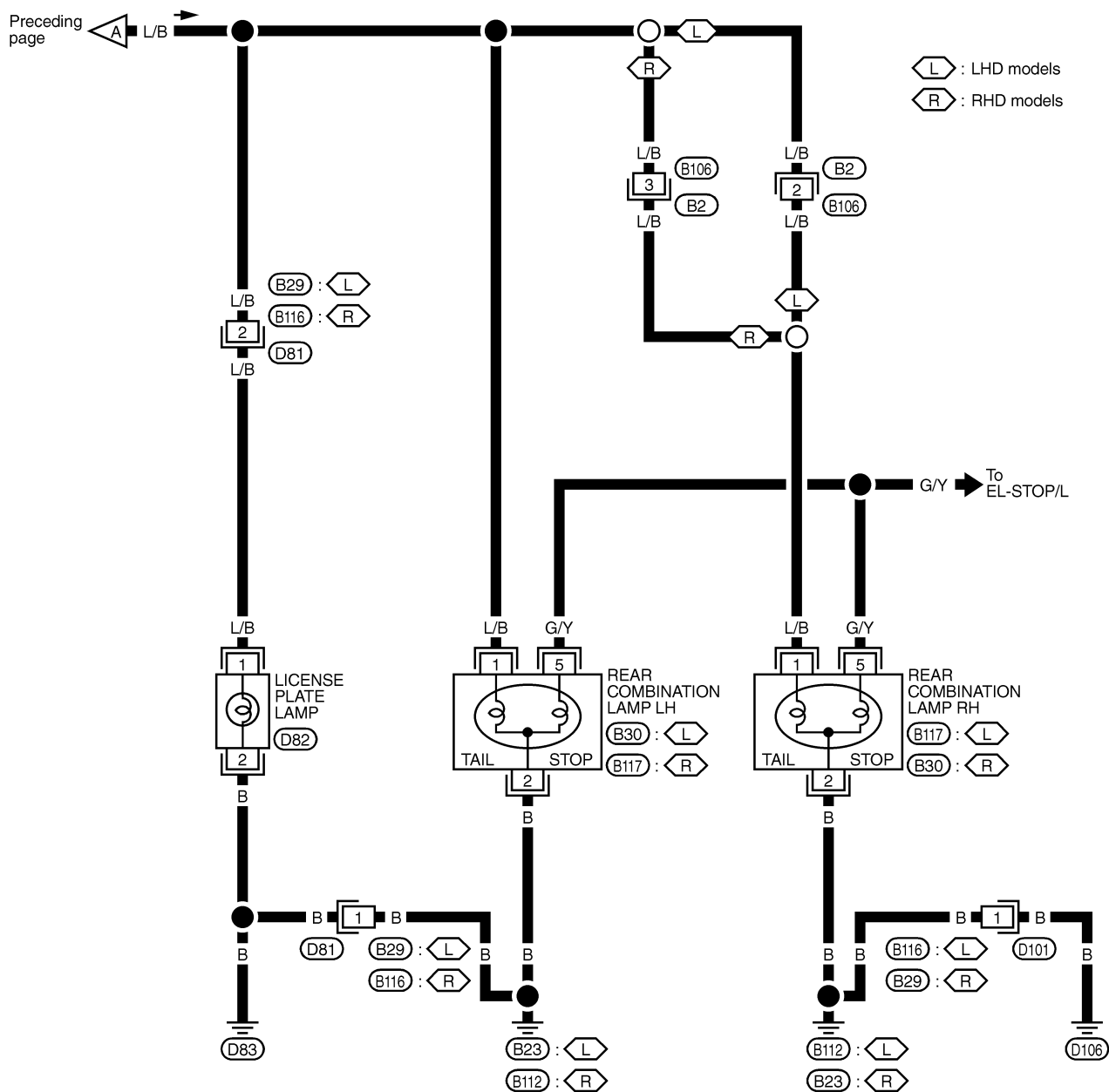
M21, E127

M3

# PARKING, LICENSE AND TAIL LAMPS/WAGON AND HARDTOP MODELS

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

EL-TAIL/L-02



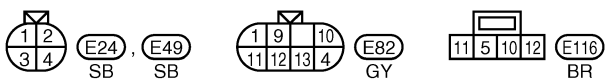
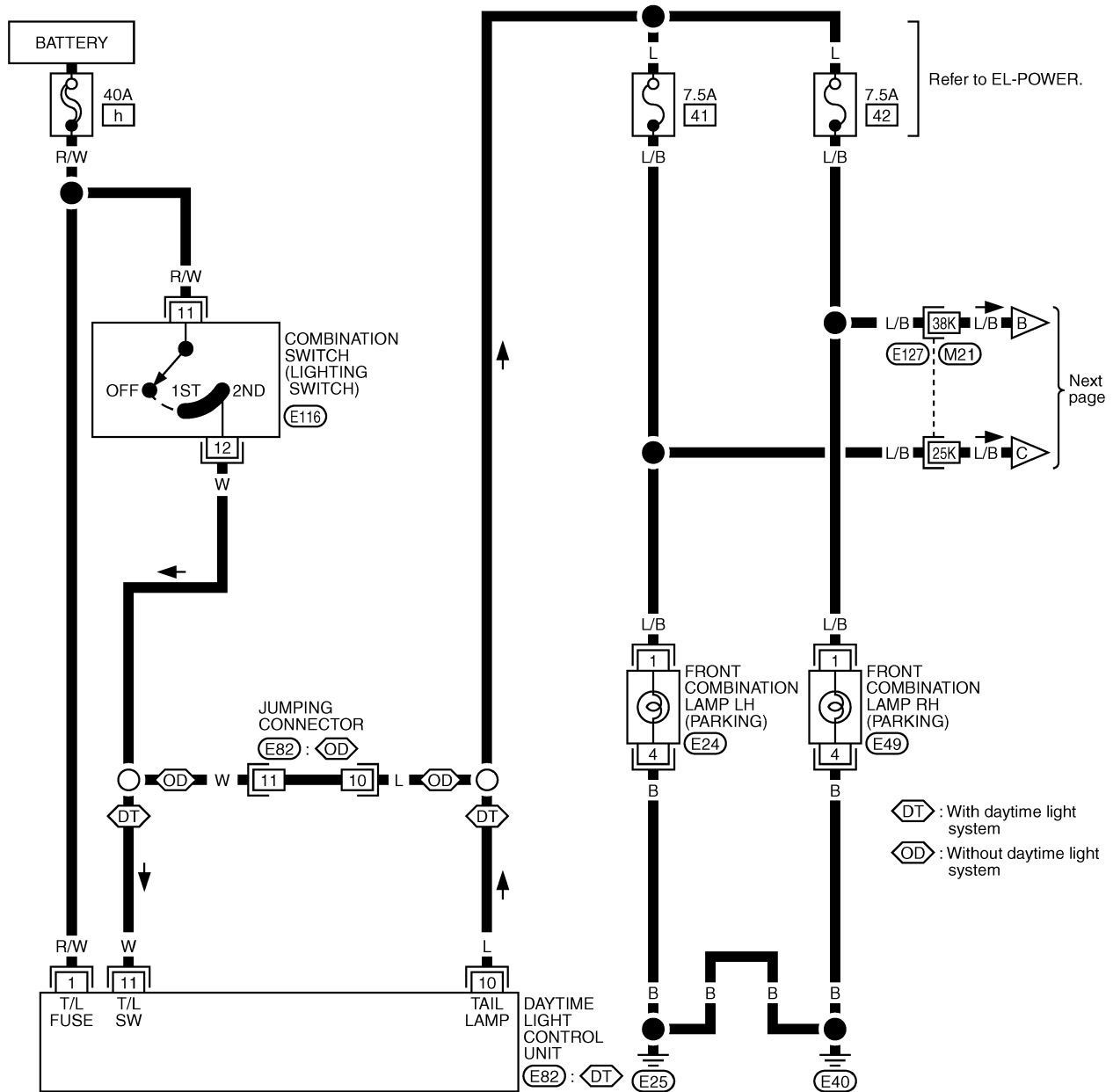
## **PARKING, LICENSE AND TAIL LAMPS/WAGON AND HARDTOP MODELS**

## Wiring Diagram — TAIL/L —/Type B

## LHD MODELS

**Rear combination lamps** are located on rear bumper.

EL-TAIL/L-03



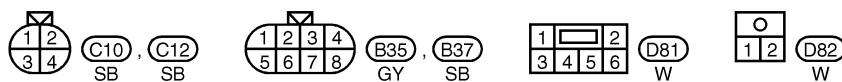
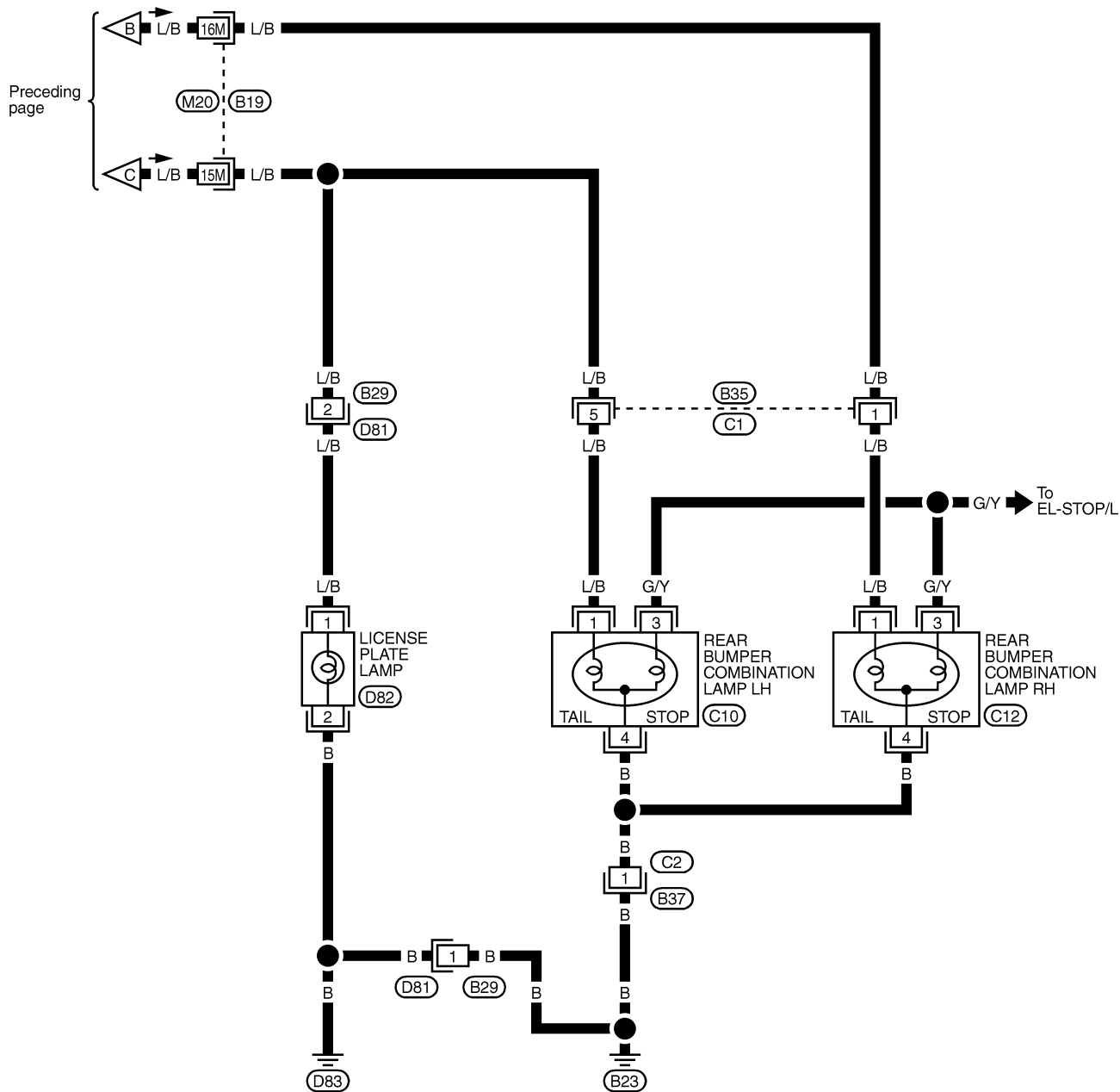
Refer to last page (Foldout page).

(M21), (E127)

# PARKING, LICENSE AND TAIL LAMPS/WAGON AND HARDTOP MODELS

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

EL-TAIL/L-04



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

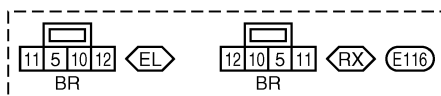
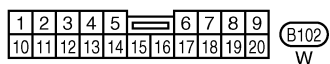
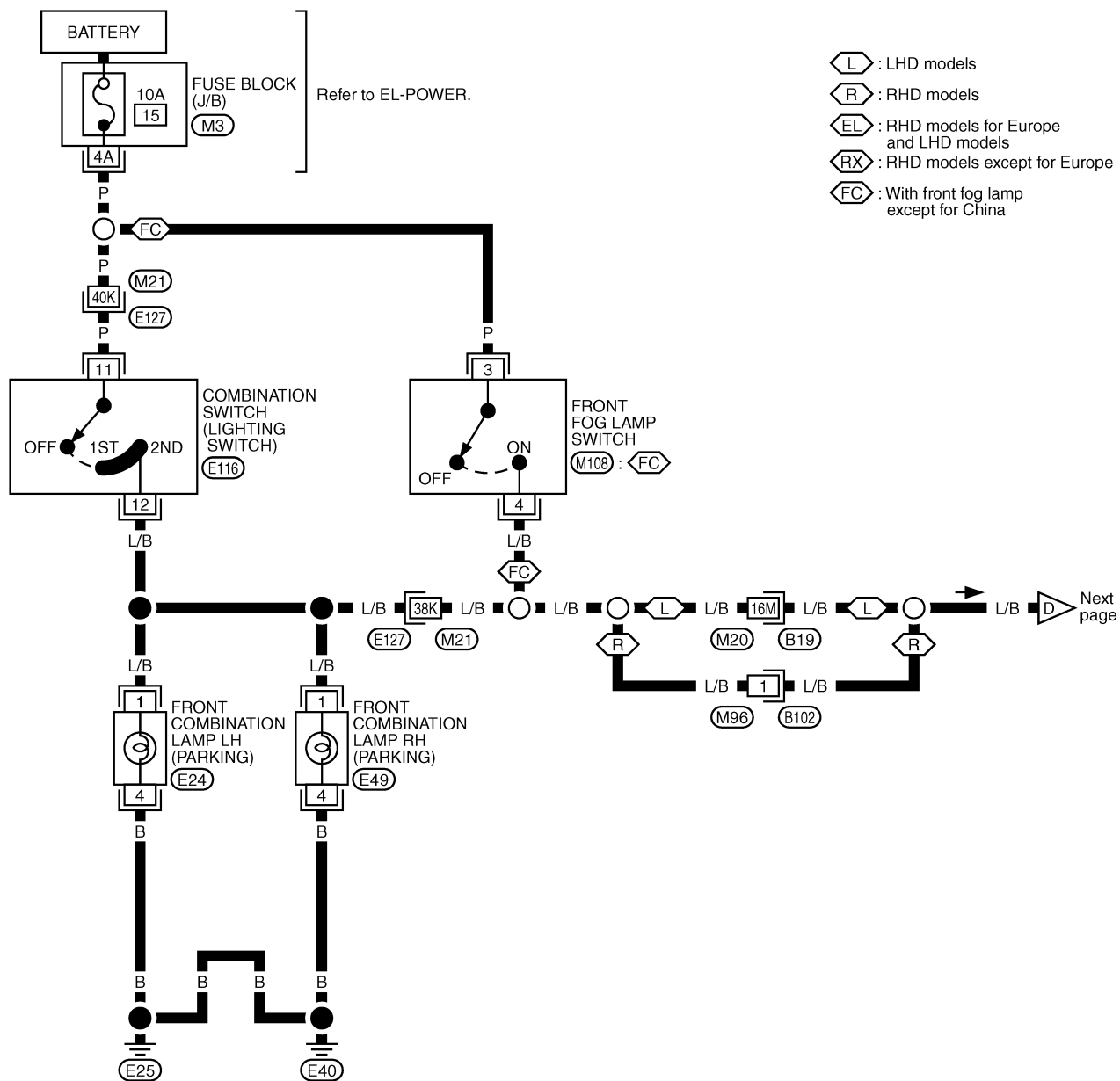
# PARKING, LICENSE AND TAIL LAMPS/WAGON AND HARDTOP MODELS

## Wiring Diagram — TAIL/L —/Type C

### RHD MODELS

Rear combination lamps are located on rear bumper.

EL-TAIL/L-05



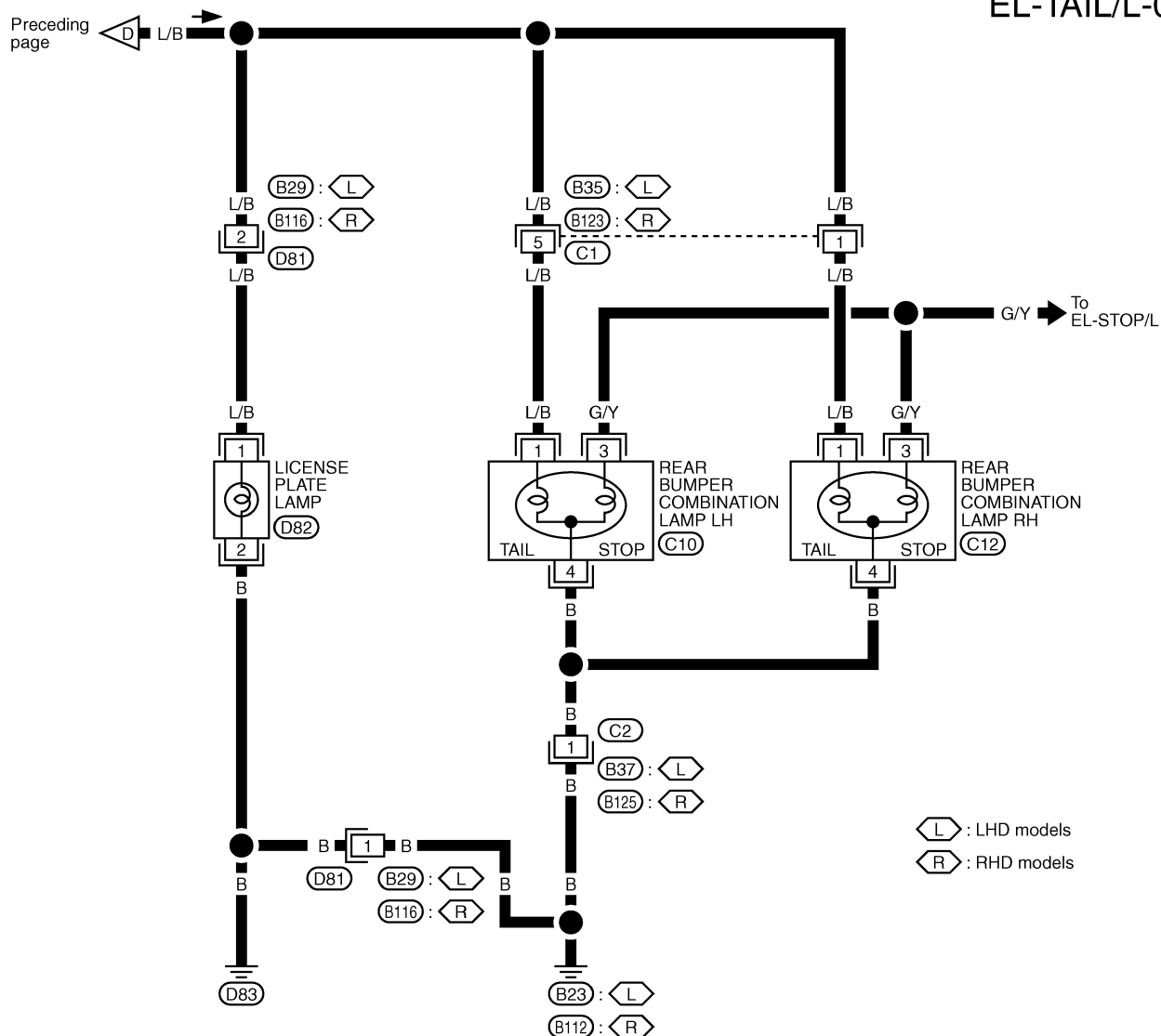
Refer to last page (Foldout page).

M20, B19  
M21, E127  
M3

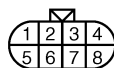
# PARKING, LICENSE AND TAIL LAMPS/WAGON AND HARDTOP MODELS

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

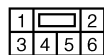
EL-TAIL/L-06



C10, C12  
SB SB



B35, B37, B123, B125  
GY SB GY SB



D81  
W

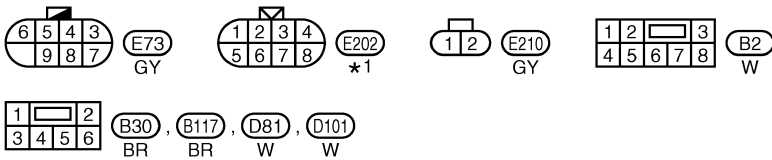
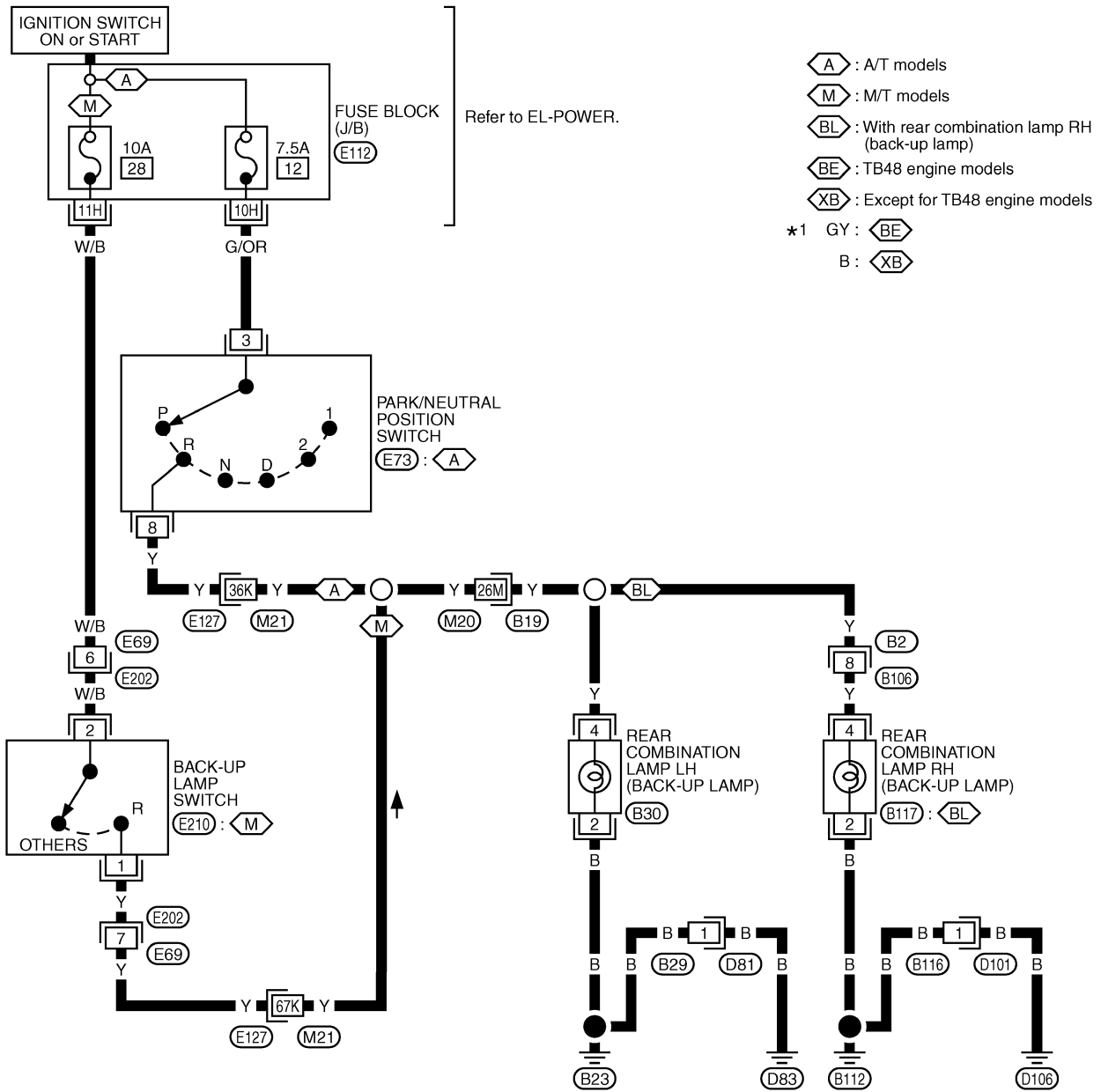


D82  
W

## BACK-UP LAMP/WAGON AND HARDTOP MODELS

## Wiring Diagram — BACK/L —/LHD Models

EL-BACK/L-01



Refer to last page (Foldout page).

(M20), (B19)

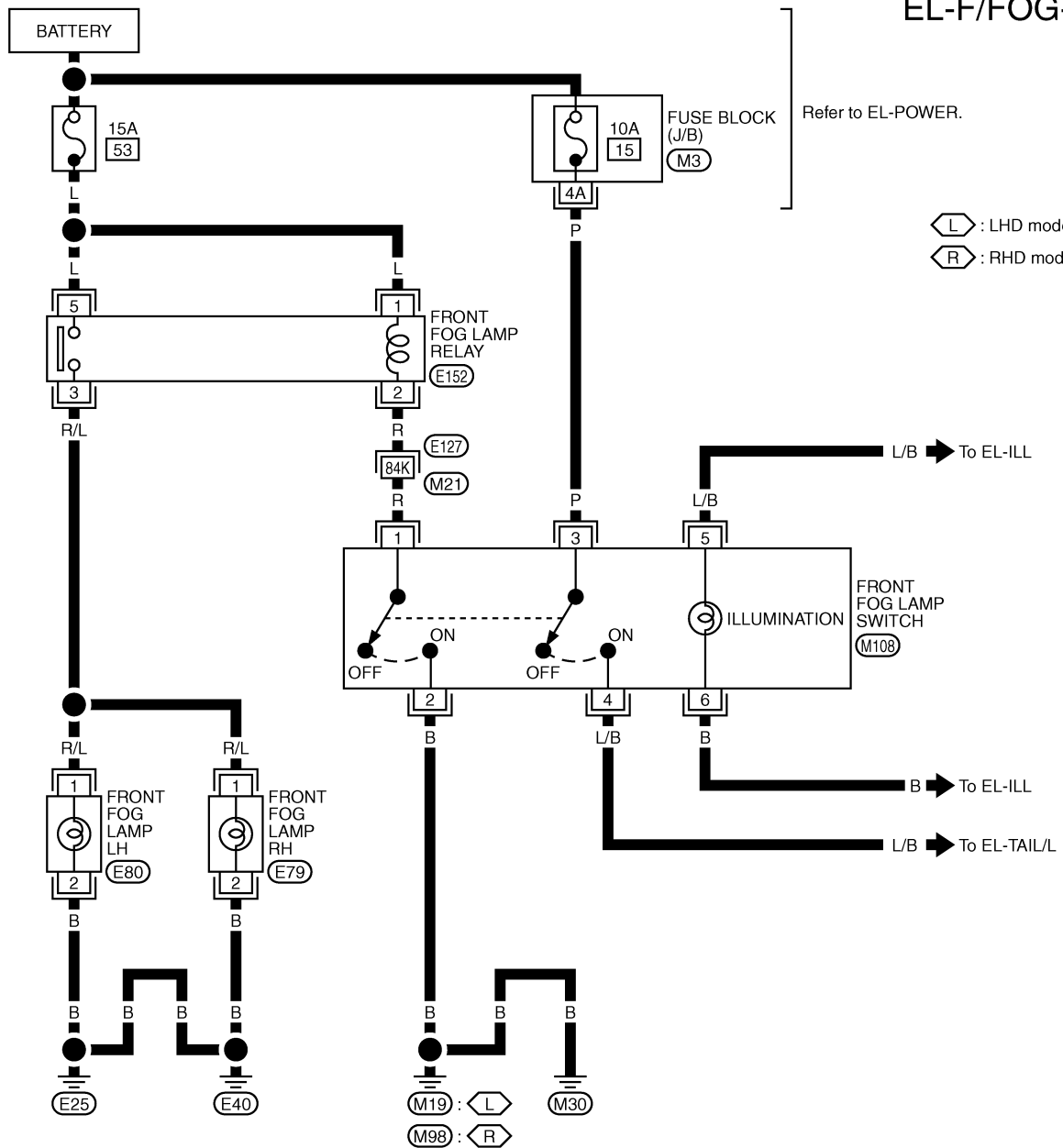
(M21), (E127)

E112

# FRONT FOG LAMP/WAGON AND HARDTOP MODELS

## Wiring Diagram — F/FOG —

EL-F/FOG-01



2	1	4
6	5	3

M108  
B

1	2
---	---

E79, E80  
BR BR

3	1
5	2
1	X

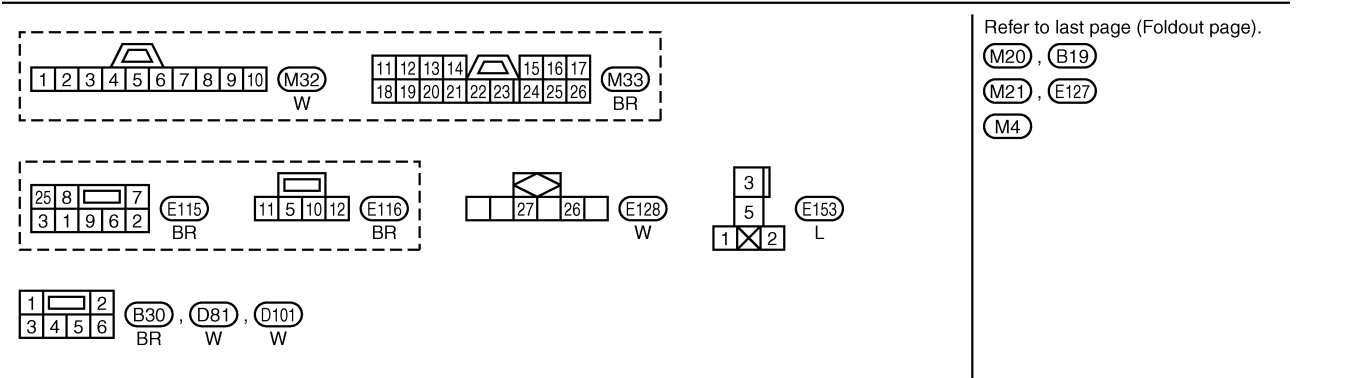
E152  
L

Refer to last page (Foldout page).

M21, E127

M3





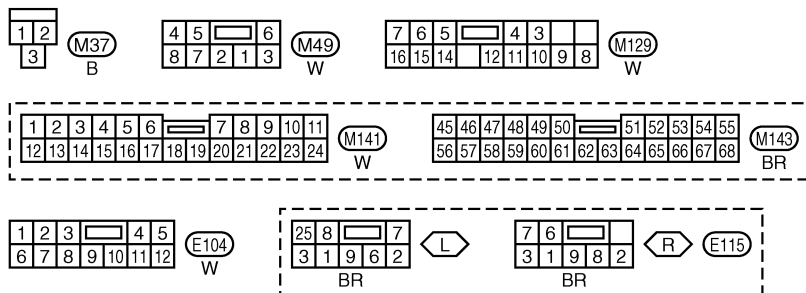
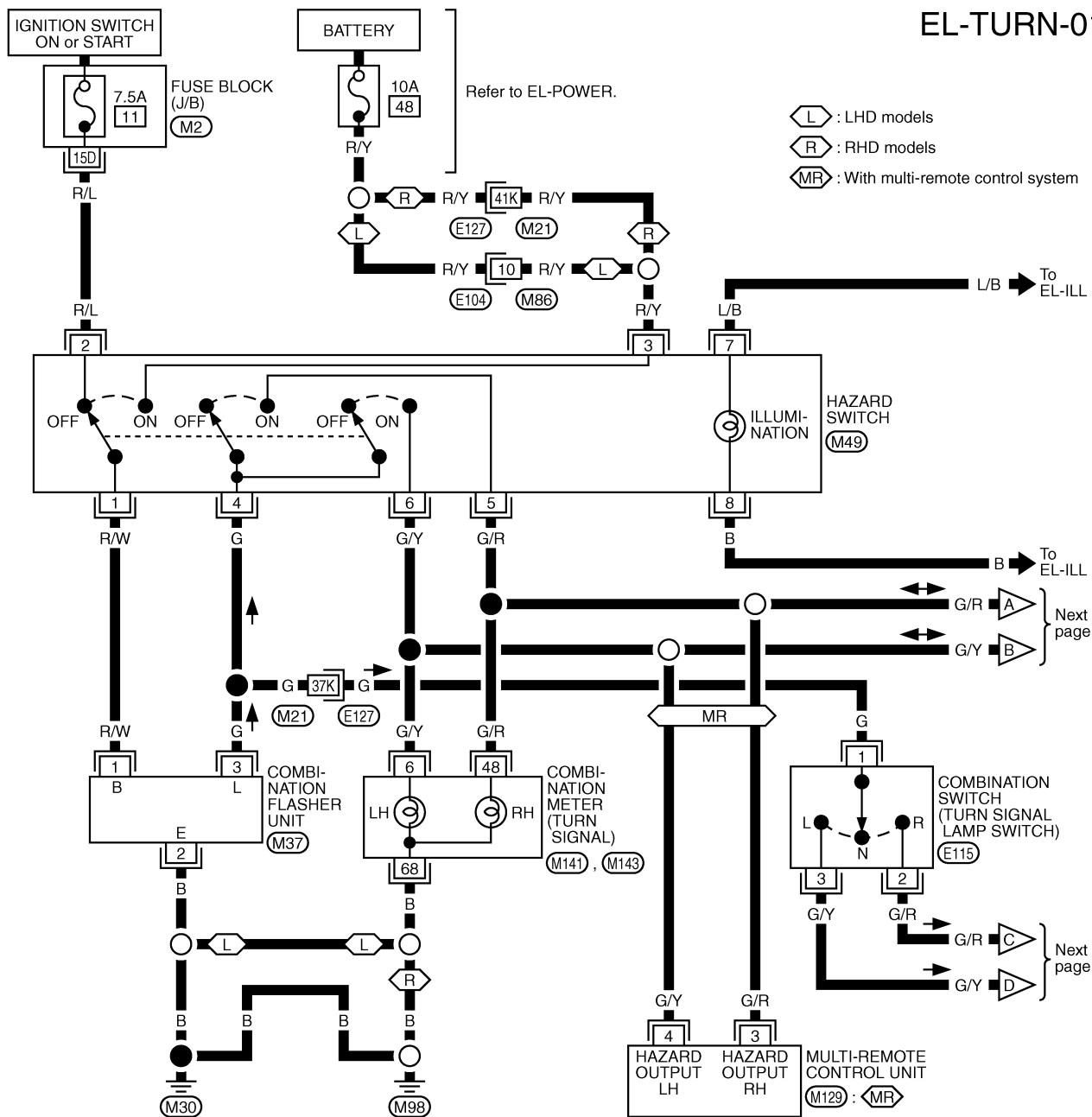
M20, B19  
M21, E127  
M4

# TURN SIGNAL AND HAZARD WARNING LAMPS/ WAGON AND HARDTOP MODELS

## Wiring Diagram — TURN —/Type A

Rear combination lamps are not located on rear bumper.

EL-TURN-01



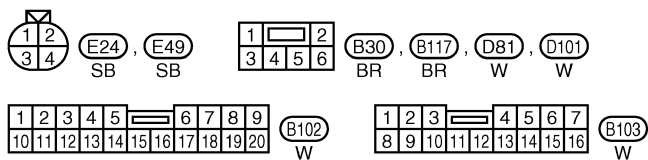
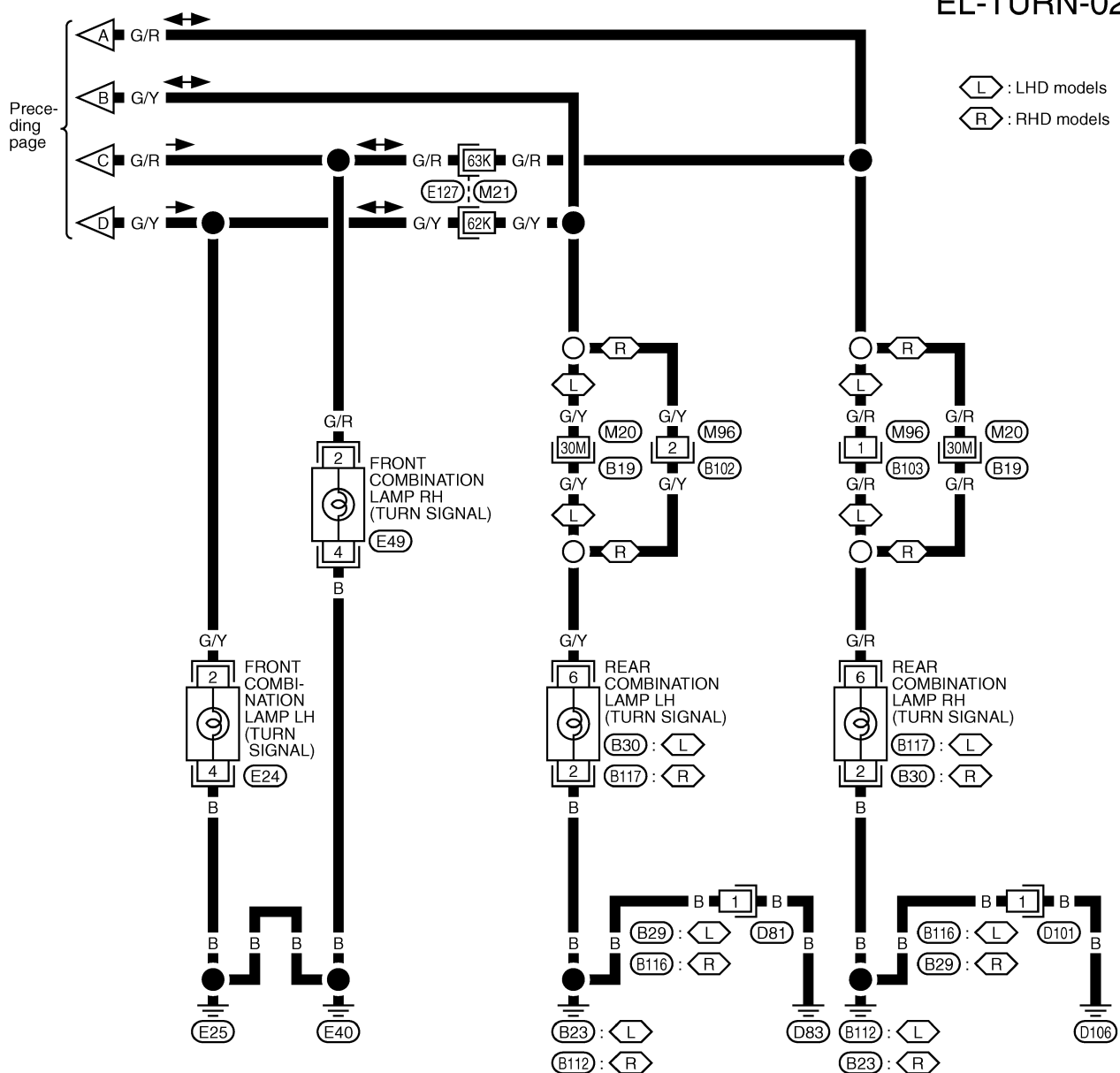
Refer to last page (Foldout page).

(M21), (E127)  
(M2)

# TURN SIGNAL AND HAZARD WARNING LAMPS/ WAGON AND HARDTOP MODELS

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

EL-TURN-02



Refer to last page(Foldout page).

M20, B19

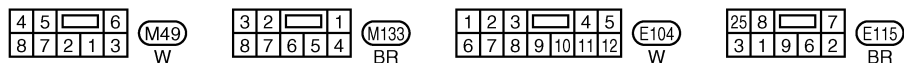
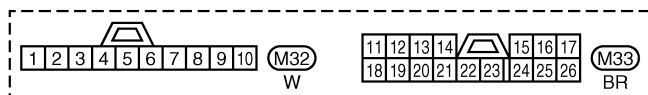
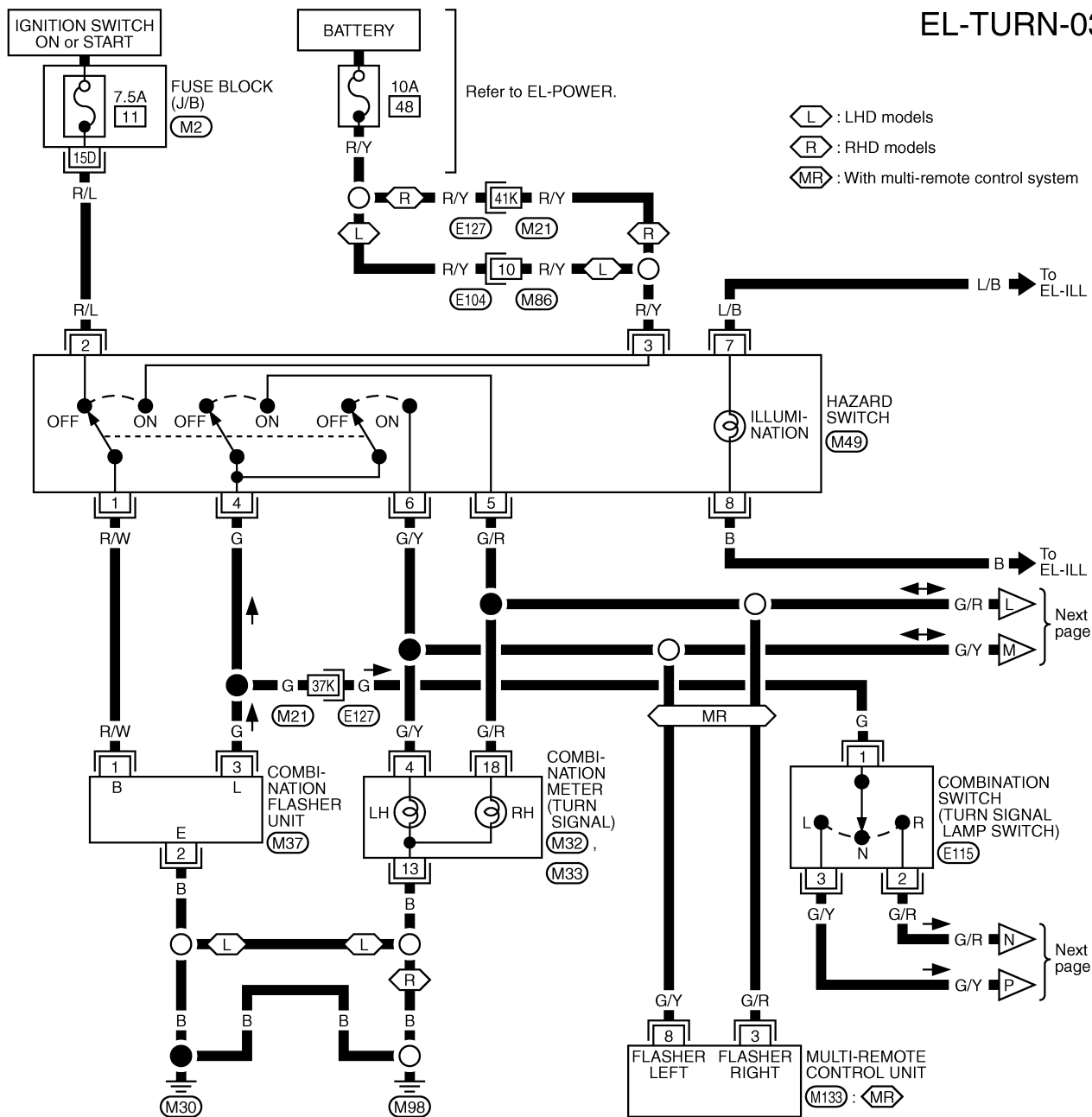
M21, E127

# TURN SIGNAL AND HAZARD WARNING LAMPS/ WAGON AND HARDTOP MODELS

## Wiring Diagram — TURN —/Type C

Rear combination lamps are located on rear bumper.

EL-TURN-03

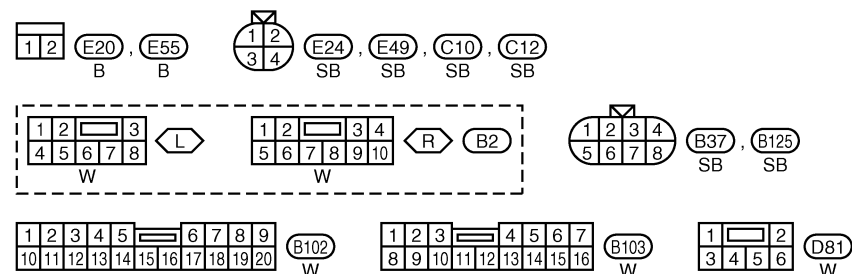


Refer to last page (Foldout page).

M21, E127  
M2

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

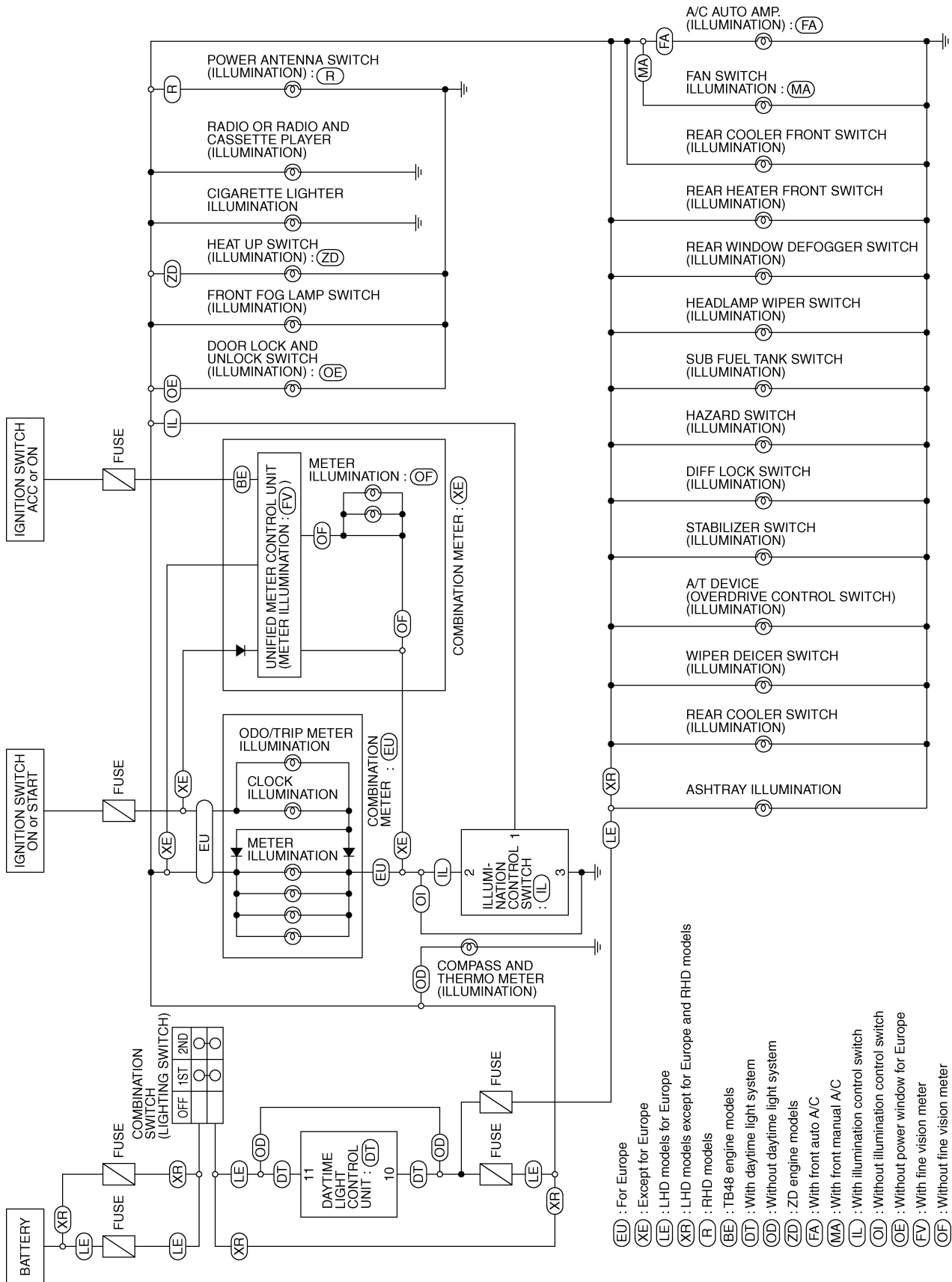
 : RHD models



(M21), (E127)

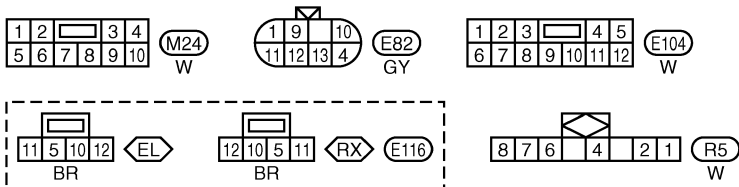
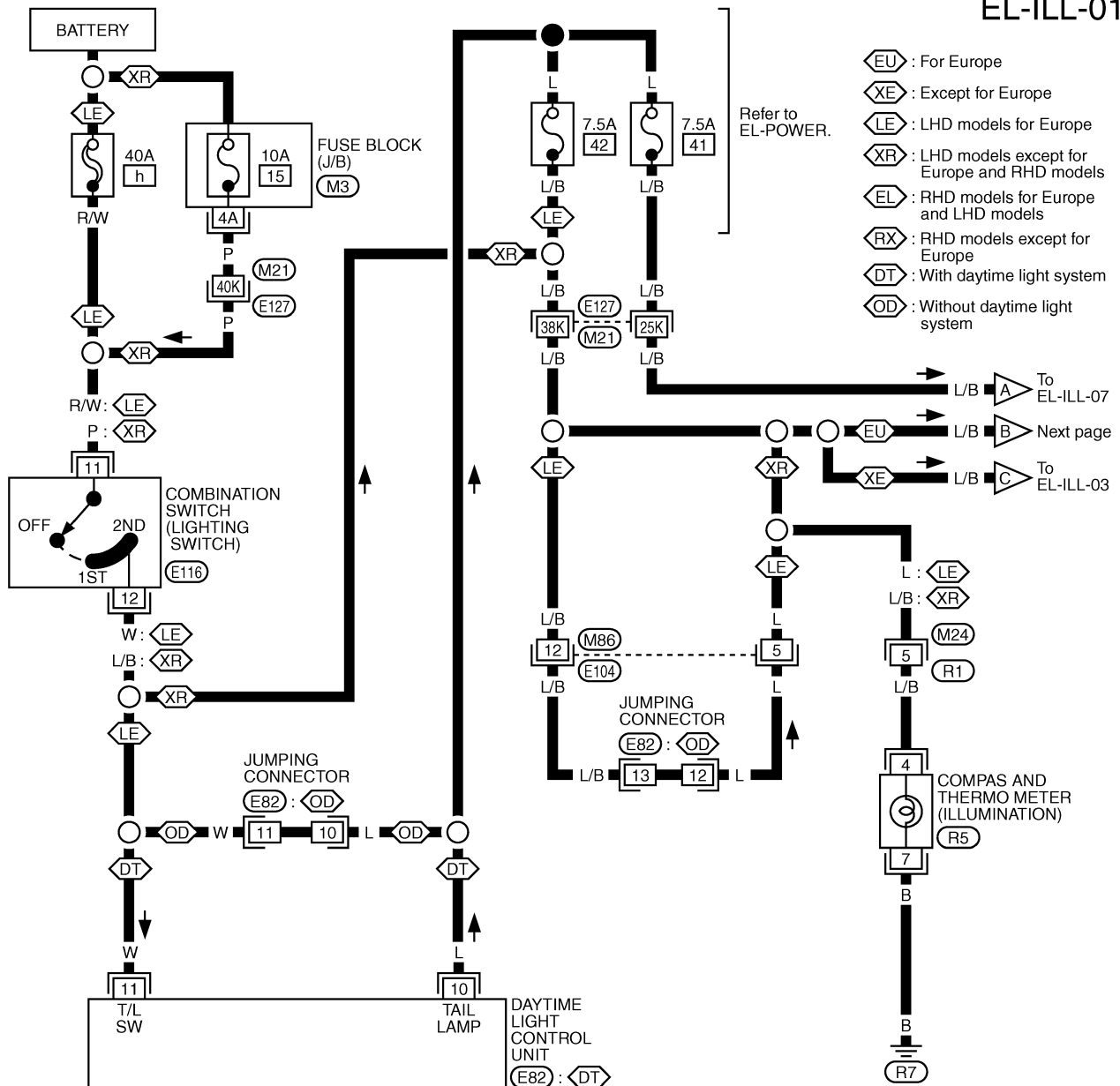
# ILLUMINATION/WAGON AND HARDTOP MODELS

## Schematic



## Wiring Diagram — ILL —

EL-ILL-01



Refer to last page (Foldout page).

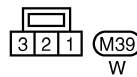
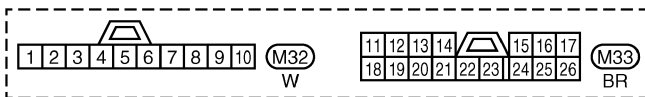
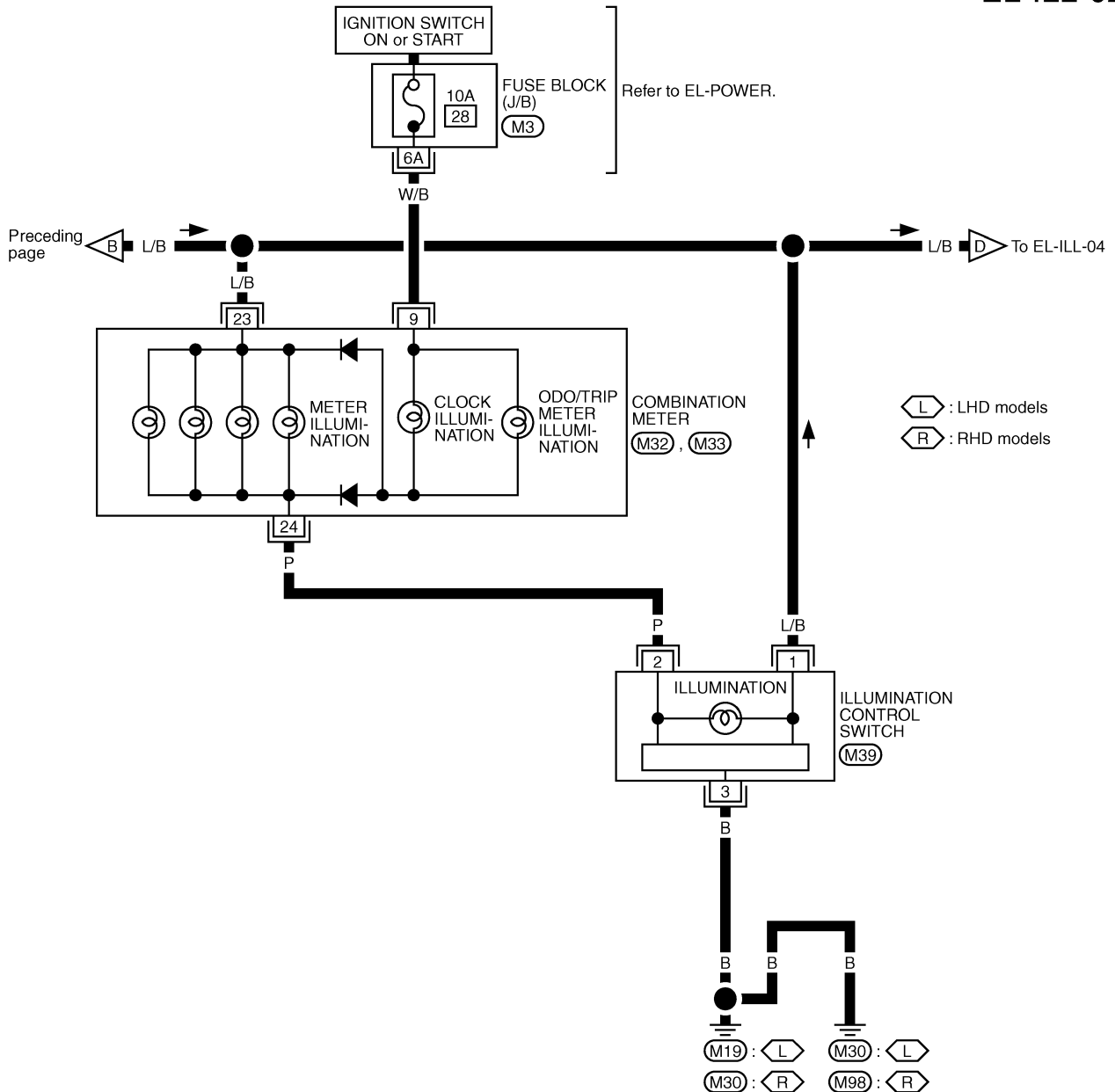
(M21), (E127)

M3

# ILLUMINATION/WAGON AND HARDTOP MODELS

## Wiring Diagram — ILL — (Cont'd)

EL-ILL-02



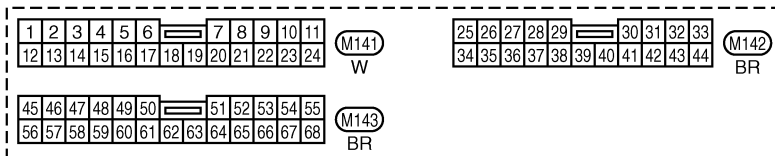
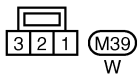
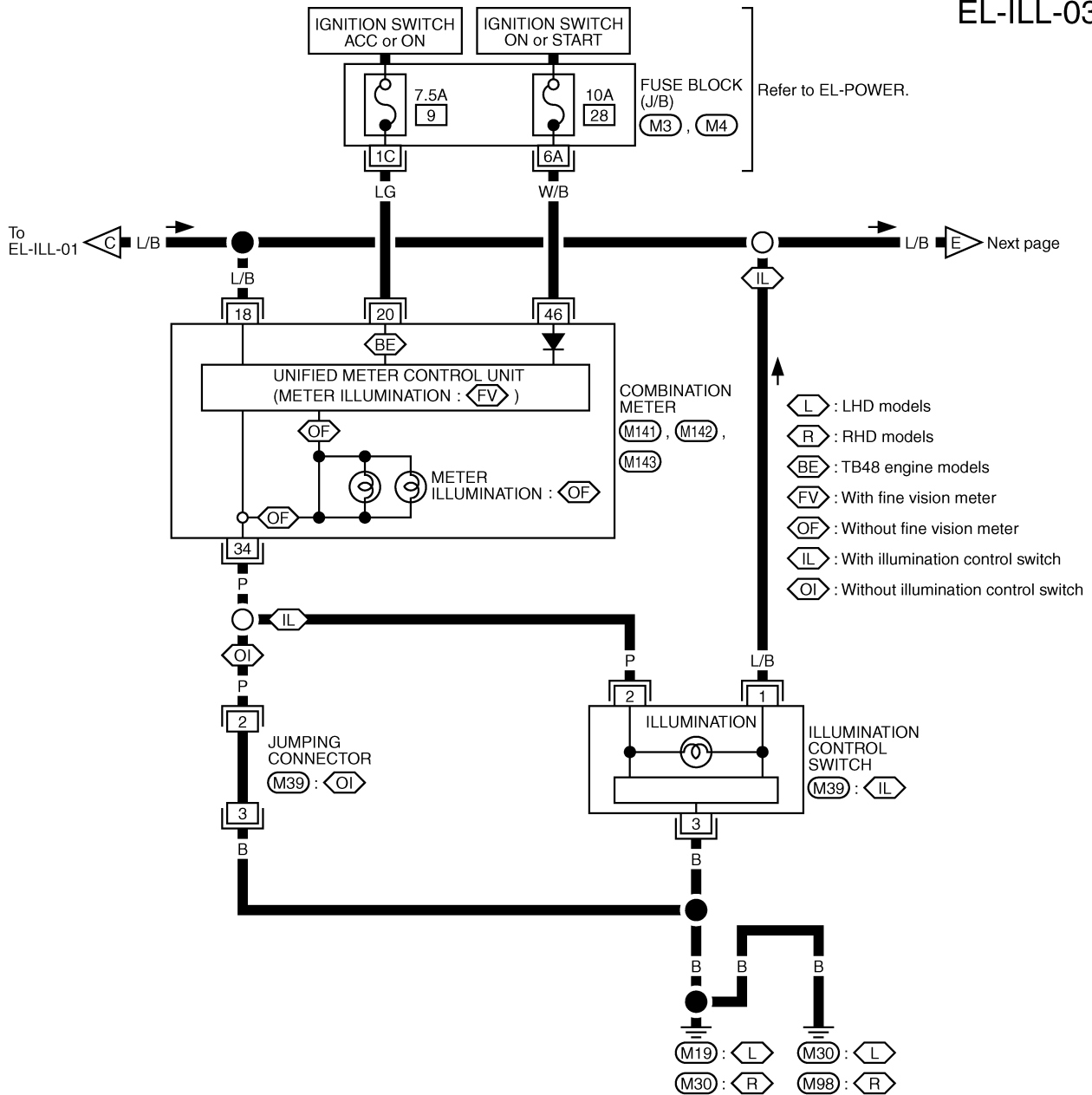
Refer to last page (Foldout page).

(M3)



### Wiring Diagram — ILL — (Cont'd)

EL-ILL-03



Refer to last page (Foldout page).

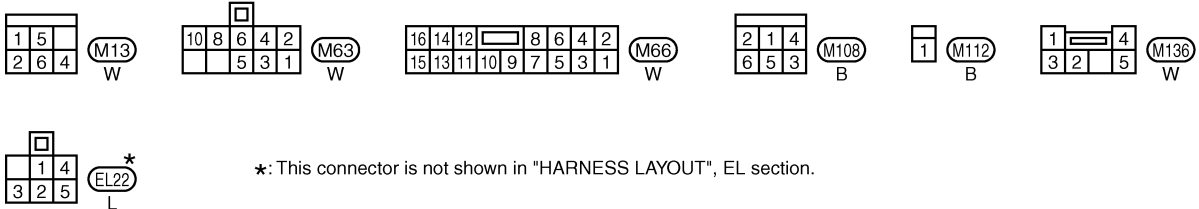
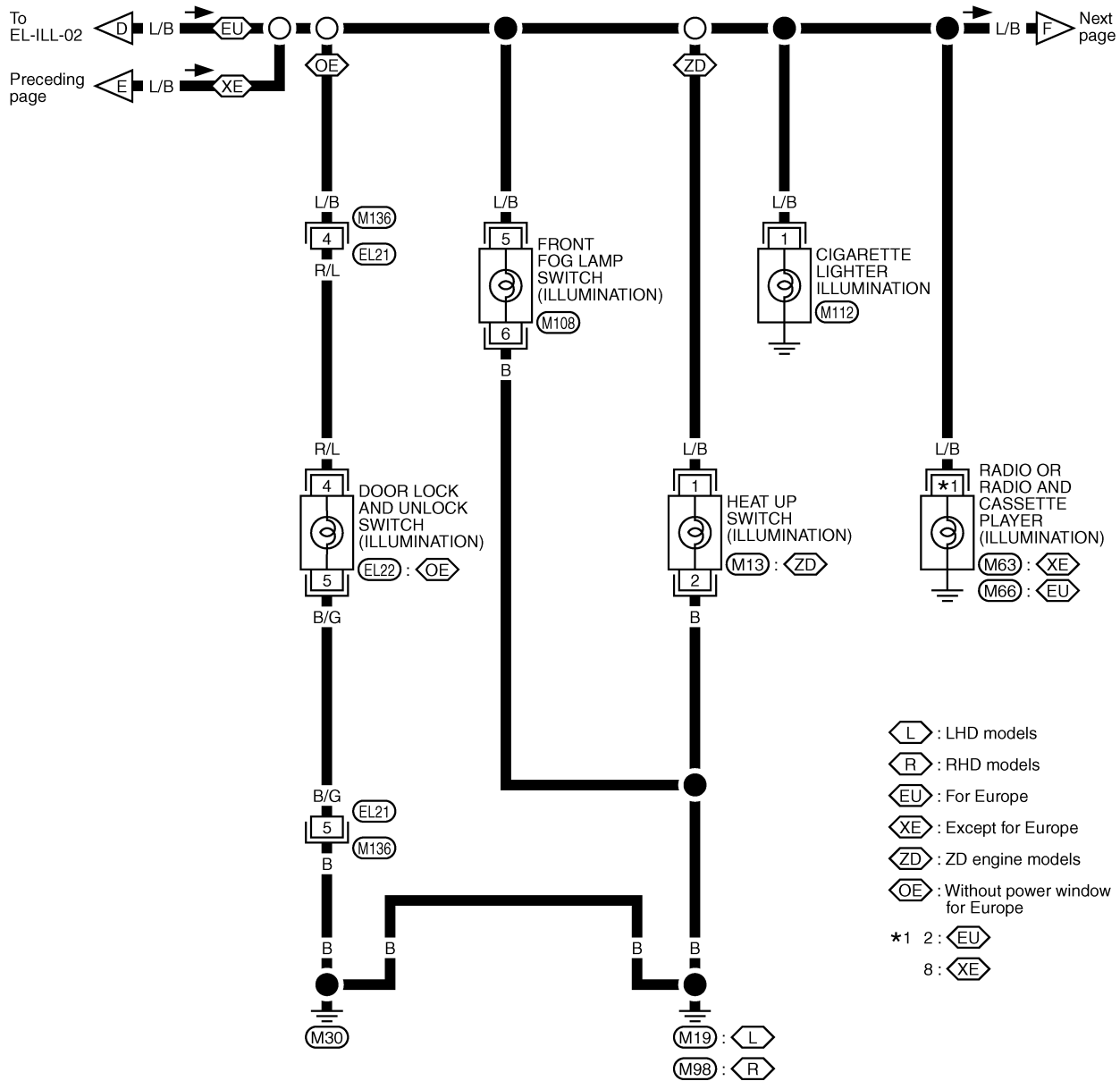


M4

# ILLUMINATION/WAGON AND HARDTOP MODELS

## Wiring Diagram — ILL — (Cont'd)

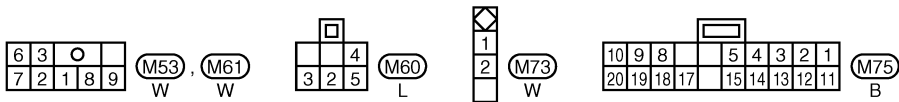
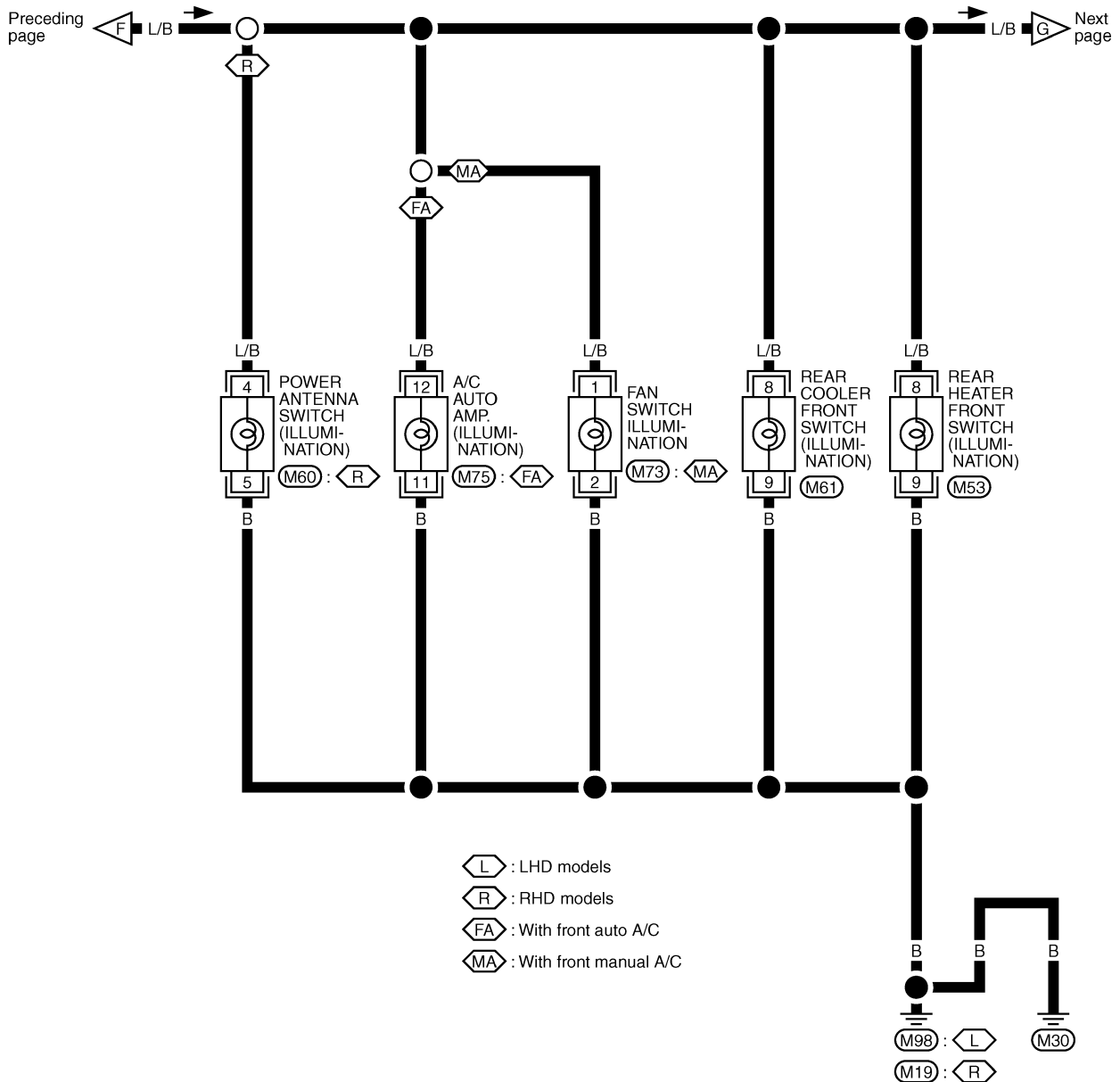
EL-ILL-04



# ILLUMINATION/WAGON AND HARDTOP MODELS

## Wiring Diagram — ILL — (Cont'd)

EL-ILL-05

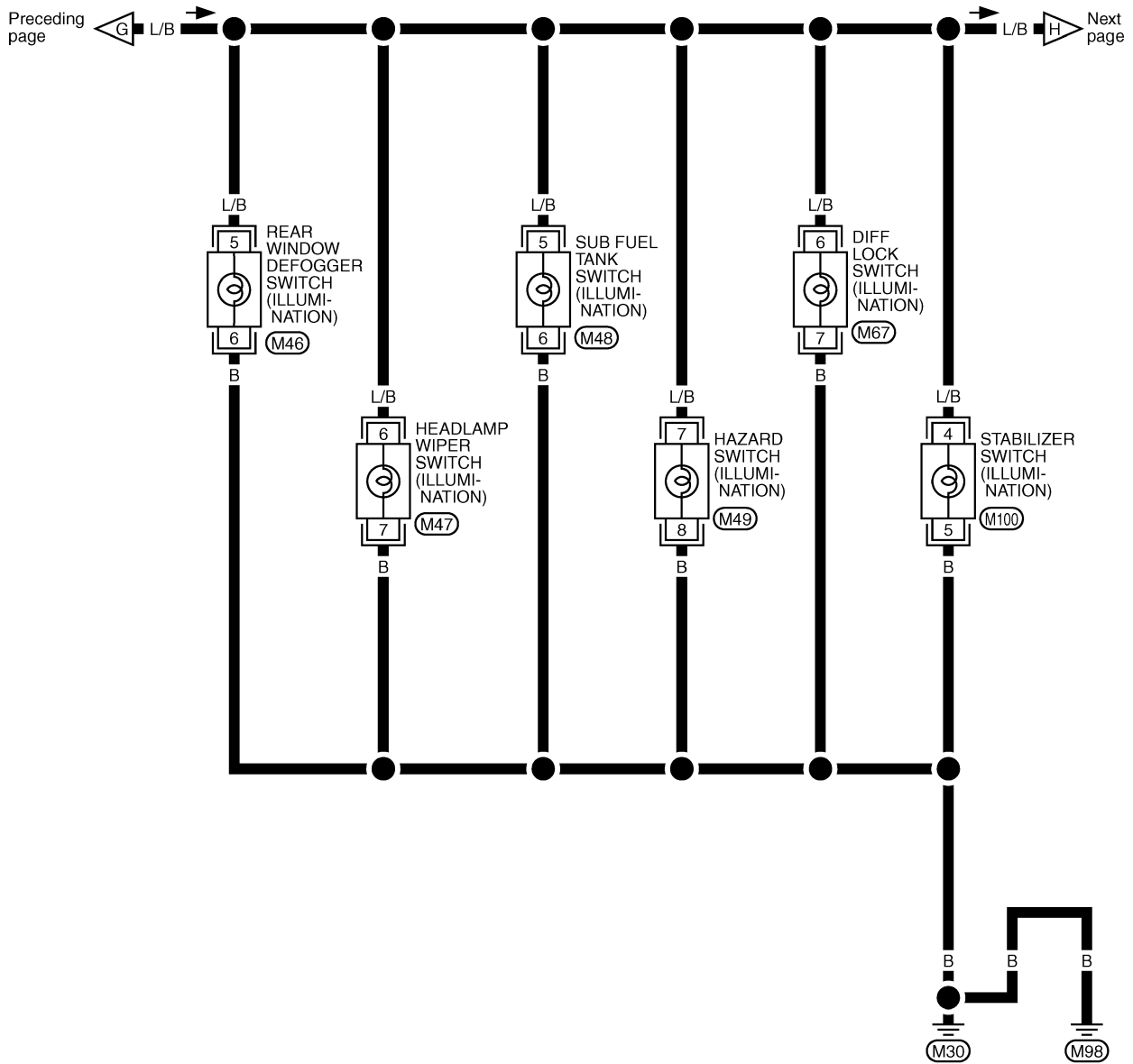


TEL408M

# ILLUMINATION/WAGON AND HARDTOP MODELS

## Wiring Diagram — ILL — (Cont'd)

EL-ILL-06



2	6	1
4	3	5

(M46)  
W

1	2		7
6	4	3	5

(M47)  
BR

2		1
3	4	6
5		

(M48)  
BR

4	5		6
8	7	2	1
3			

(M49)  
W

5		7
1	2	6

(M67)  
BR

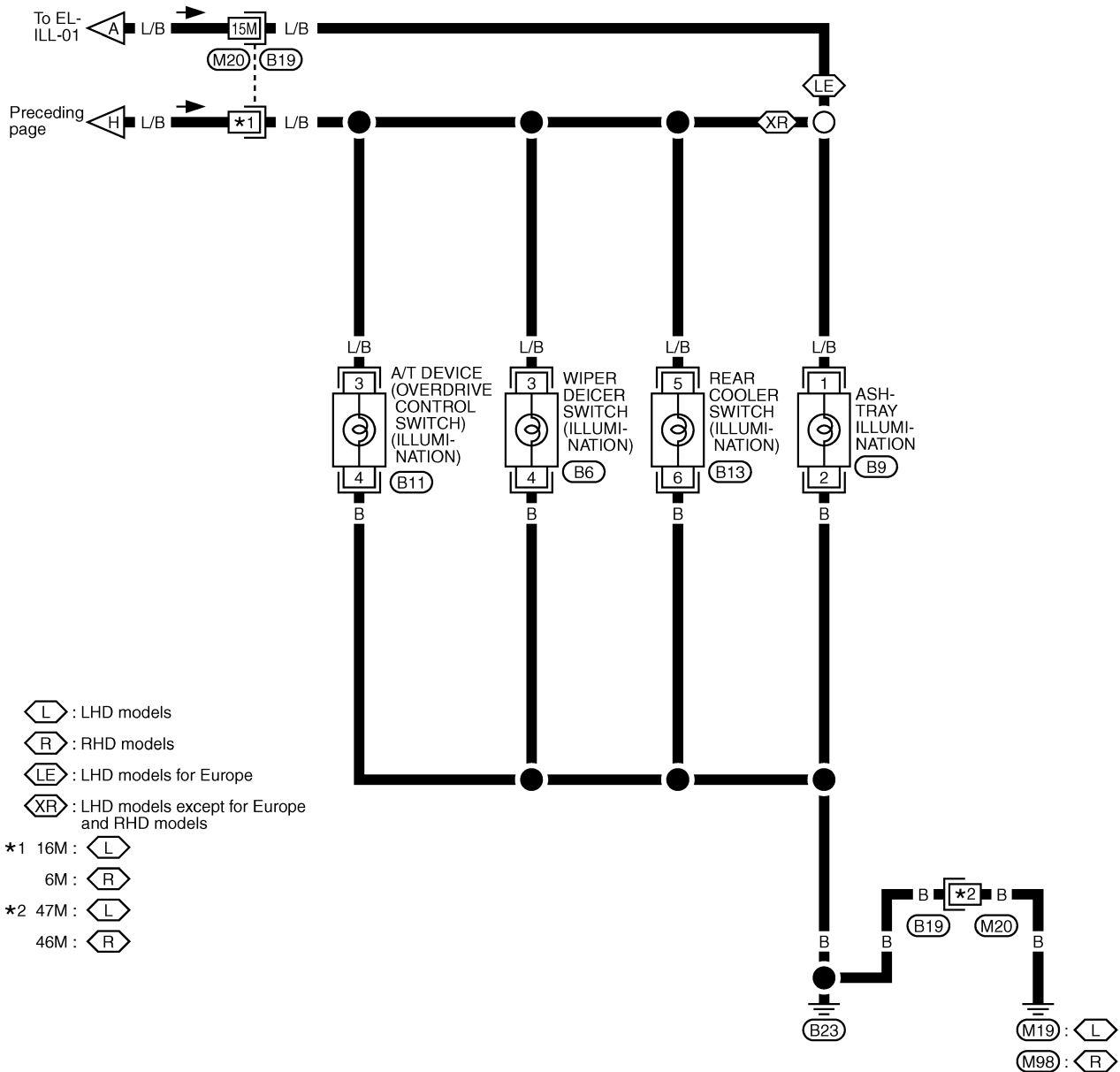
	1	4
2	3	5

(M100)  
L

# ILLUMINATION/WAGON AND HARDTOP MODELS

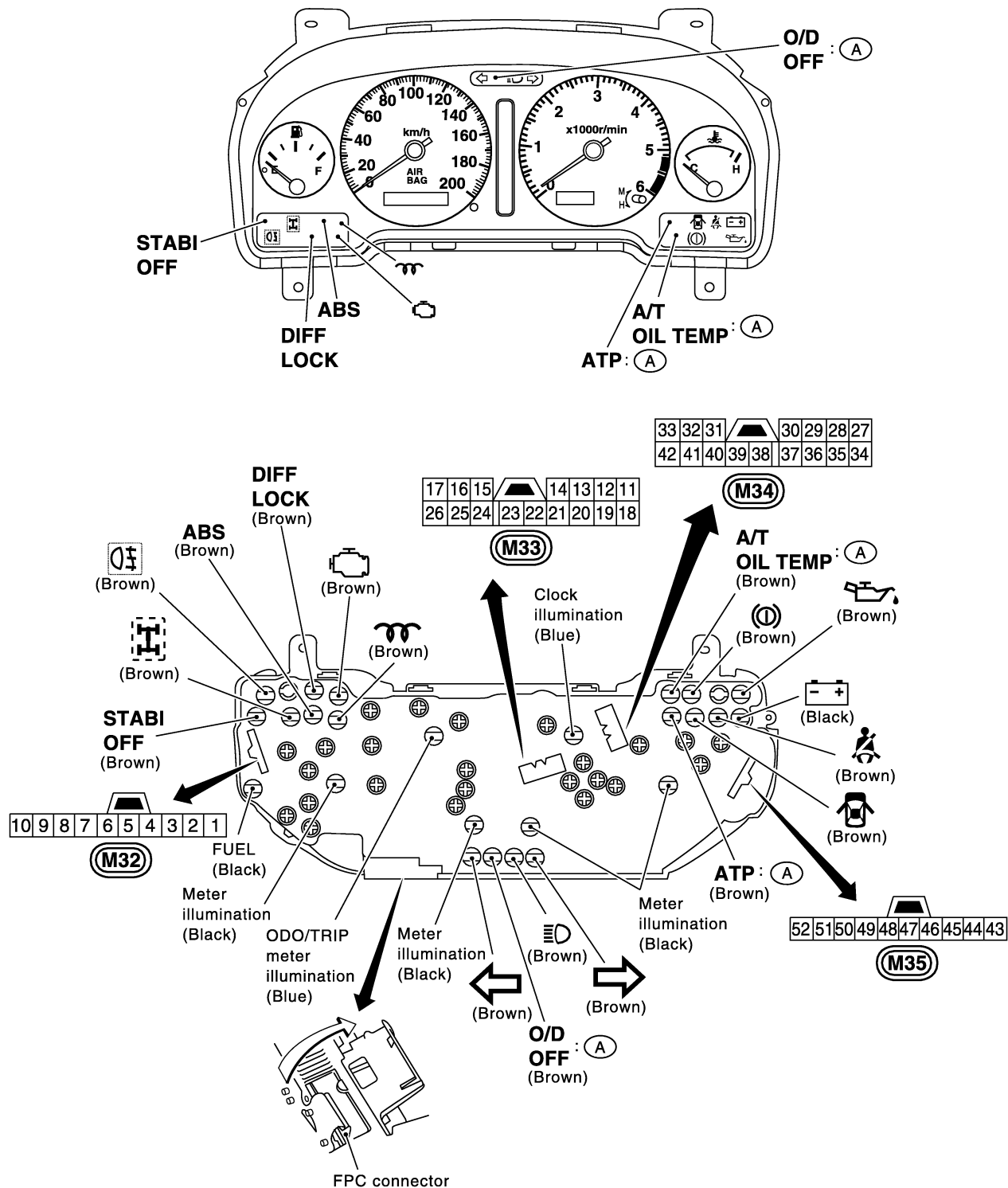
## Wiring Diagram — ILL — (Cont'd)

EL-ILL-07



# METER AND GAUGES/WAGON AND HARDTOP MODELS

## Combination Meter



(A) : A/T models

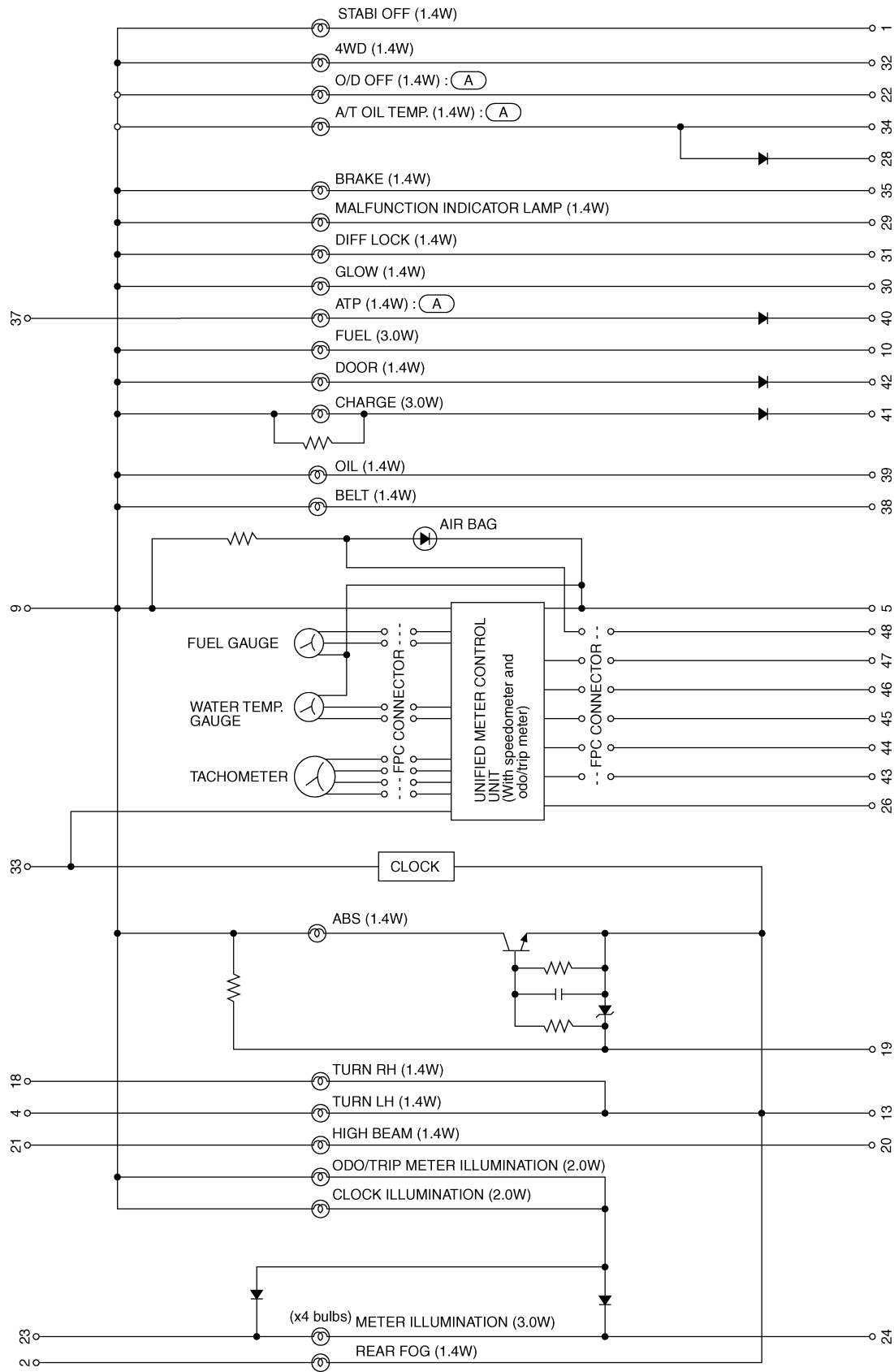
Bulb socket color	Bulb wattage
Brown	1.4W
Blue	2.0W
Black	3.0W

( ) : Warning bulb socket color

# METER AND GAUGES/WAGON AND HARDTOP MODELS

## Schematic

(A) : A/T models



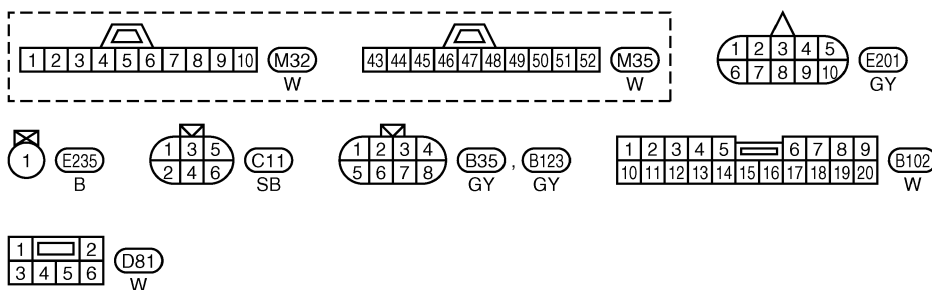
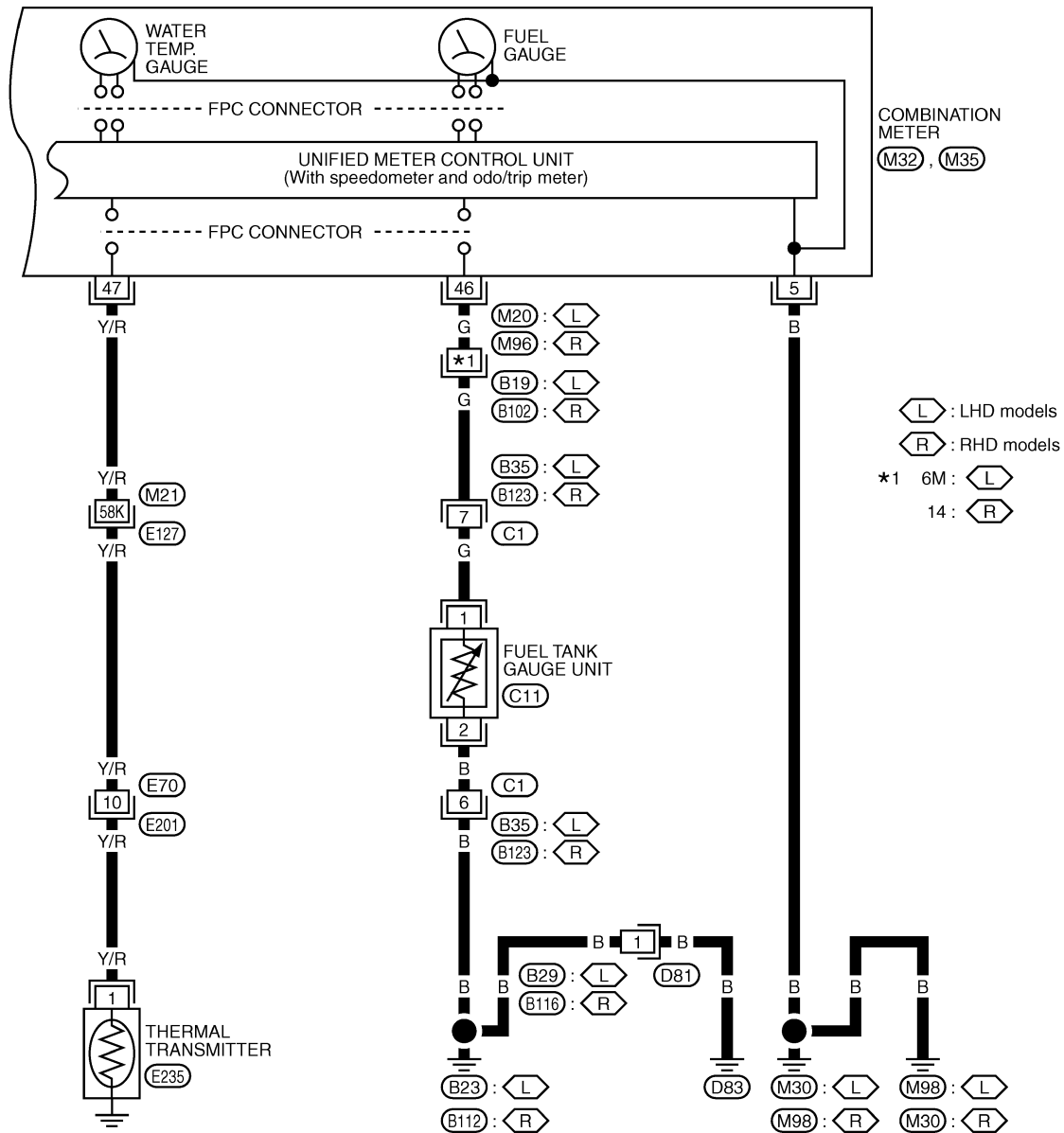
TEL481M





### Wiring Diagram — METER — (Cont'd)

EL-METER-02



Refer to last page (Foldout page).

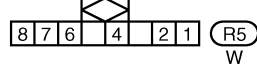
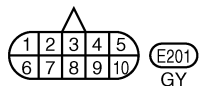
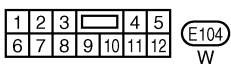
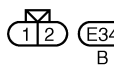
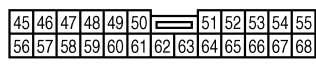
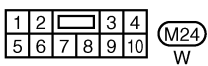
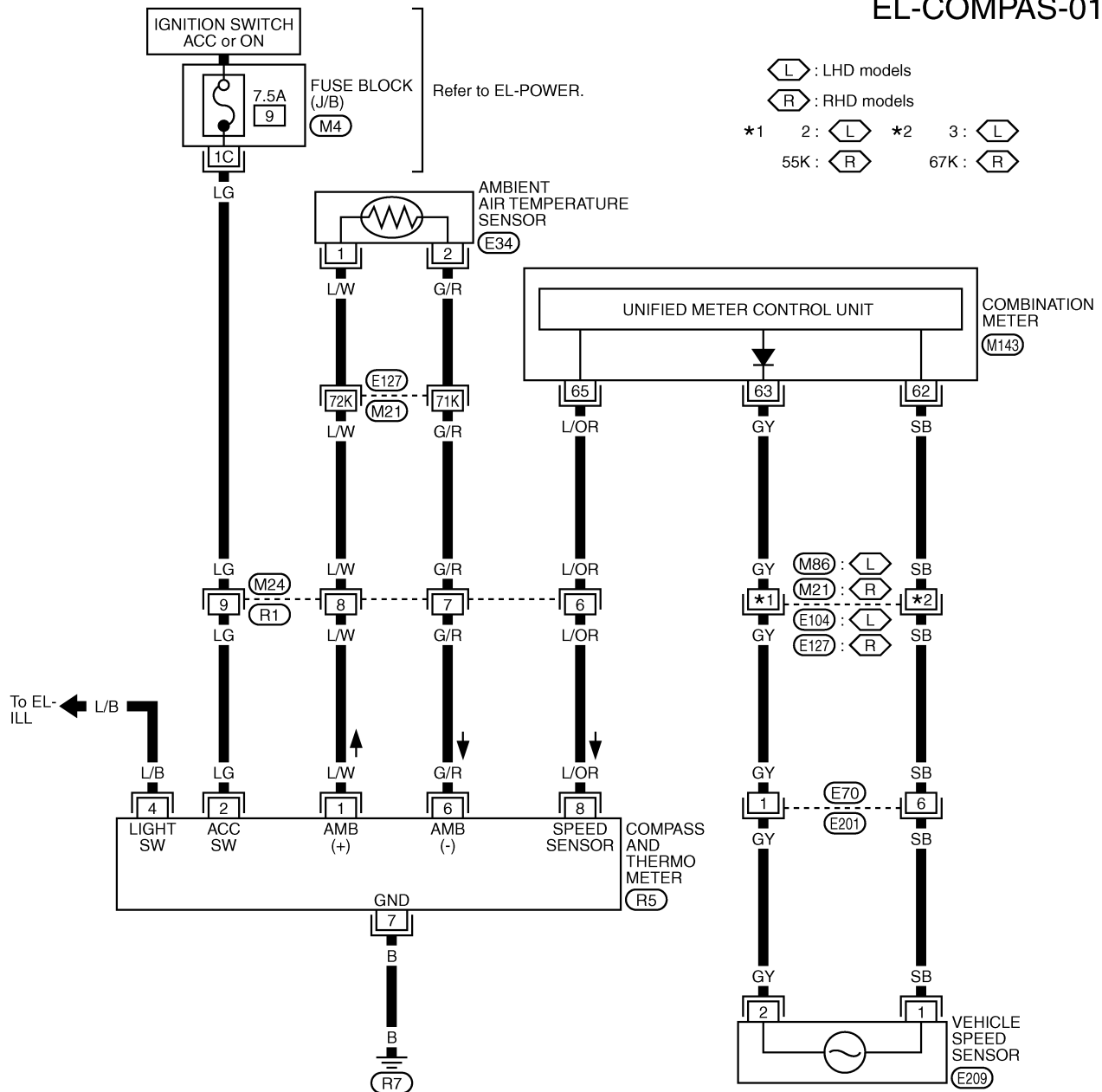
(M20), (B19)

M21, E127

# COMPASS AND THERMOMETER

## Wiring Diagram — COMPAS —

EL-COMPAS-01



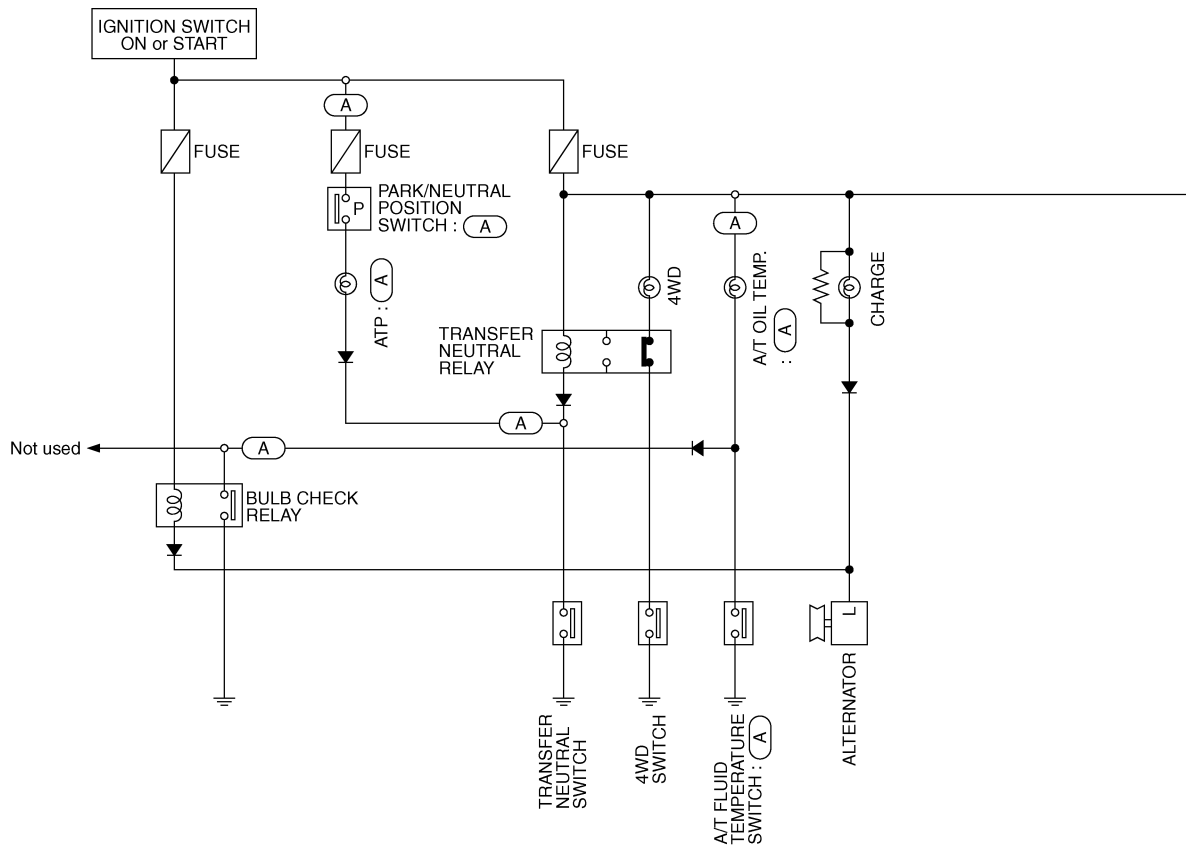
Refer to last page (Foldout page).

M21, E127

M4

# WARNING LAMPS/WAGON AND HARDTOP MODELS

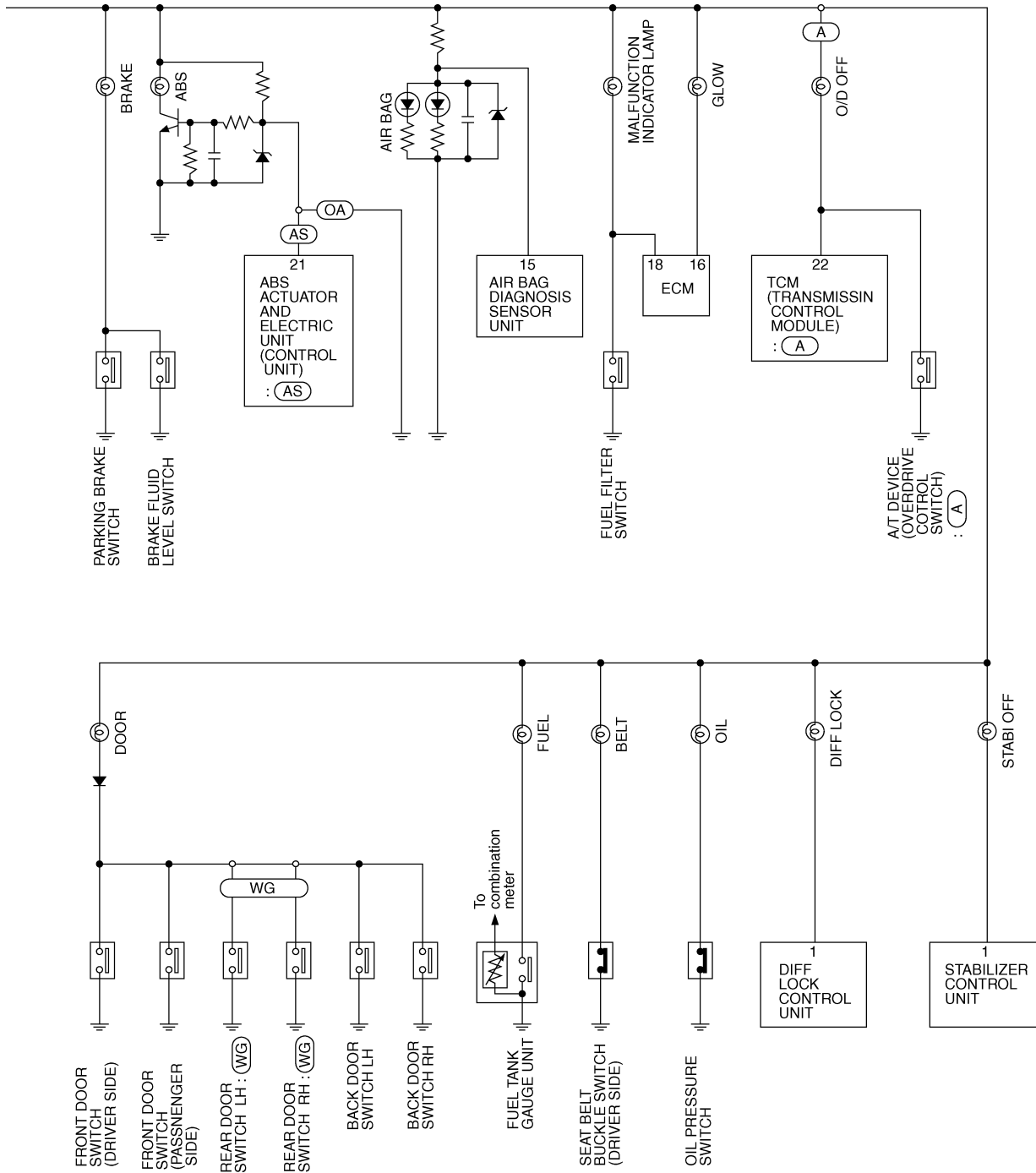
## Schematic



- (A) : A/T models
- (WG) : Wagon models
- (AS) : With ABS
- (OA) : Without ABS

# WARNING LAMPS/WAGON AND HARDTOP MODELS

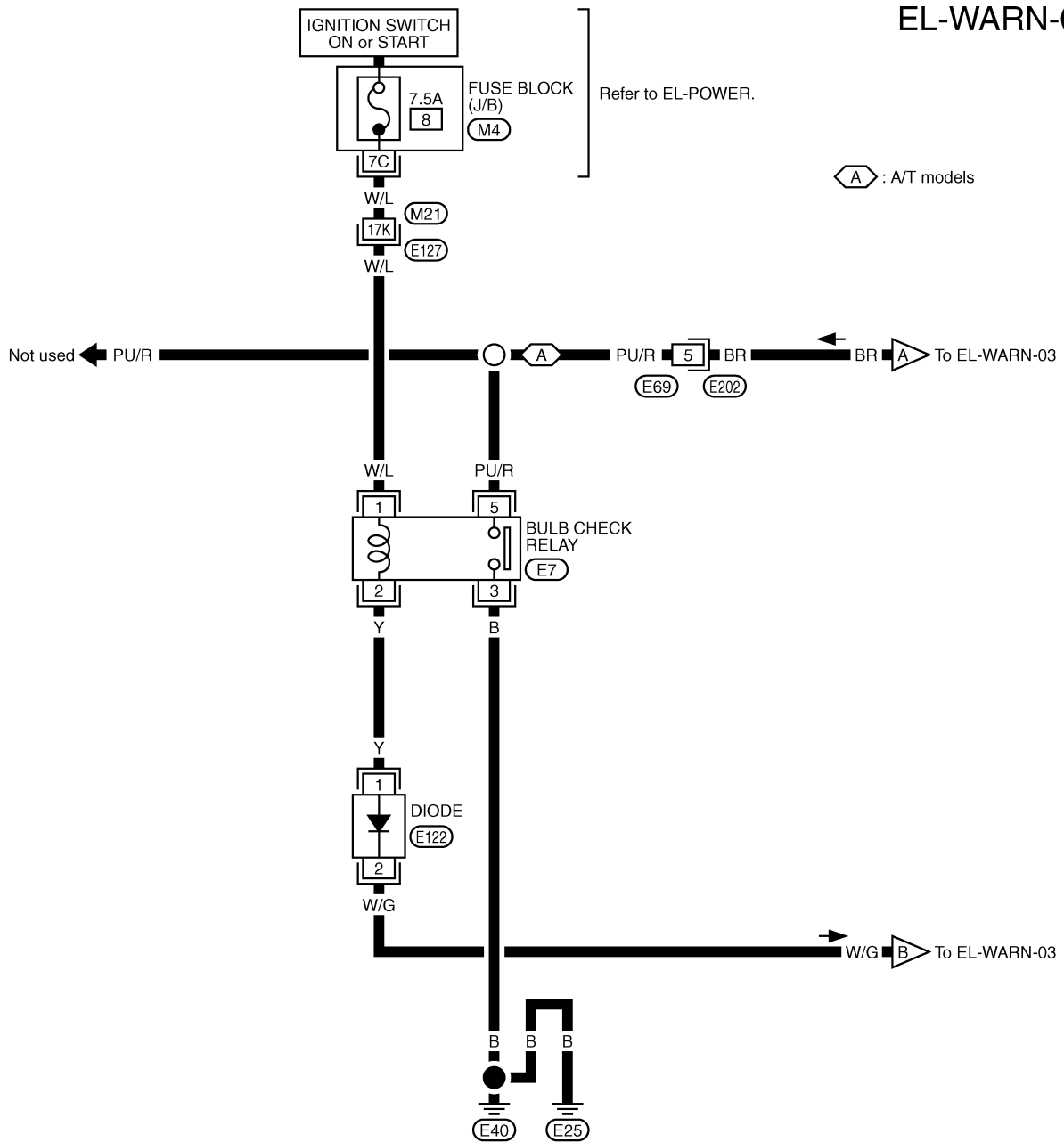
## Schematic (Cont'd)



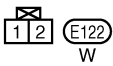
# WARNING LAMPS/WAGON AND HARDTOP MODELS

## Wiring Diagram — WARN —

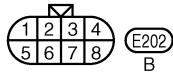
EL-WARN-01



(E7)  
L



(E122)  
W



(E202)  
B

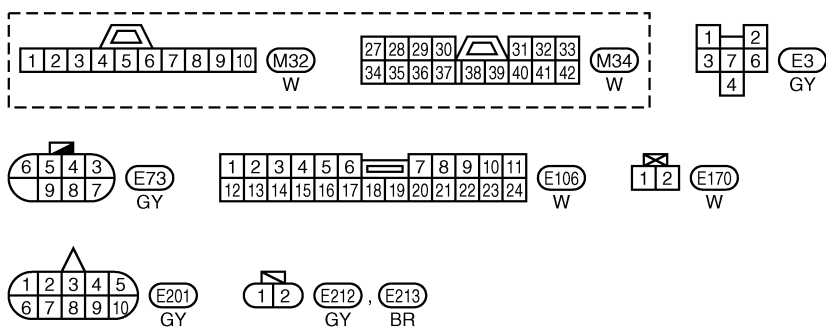
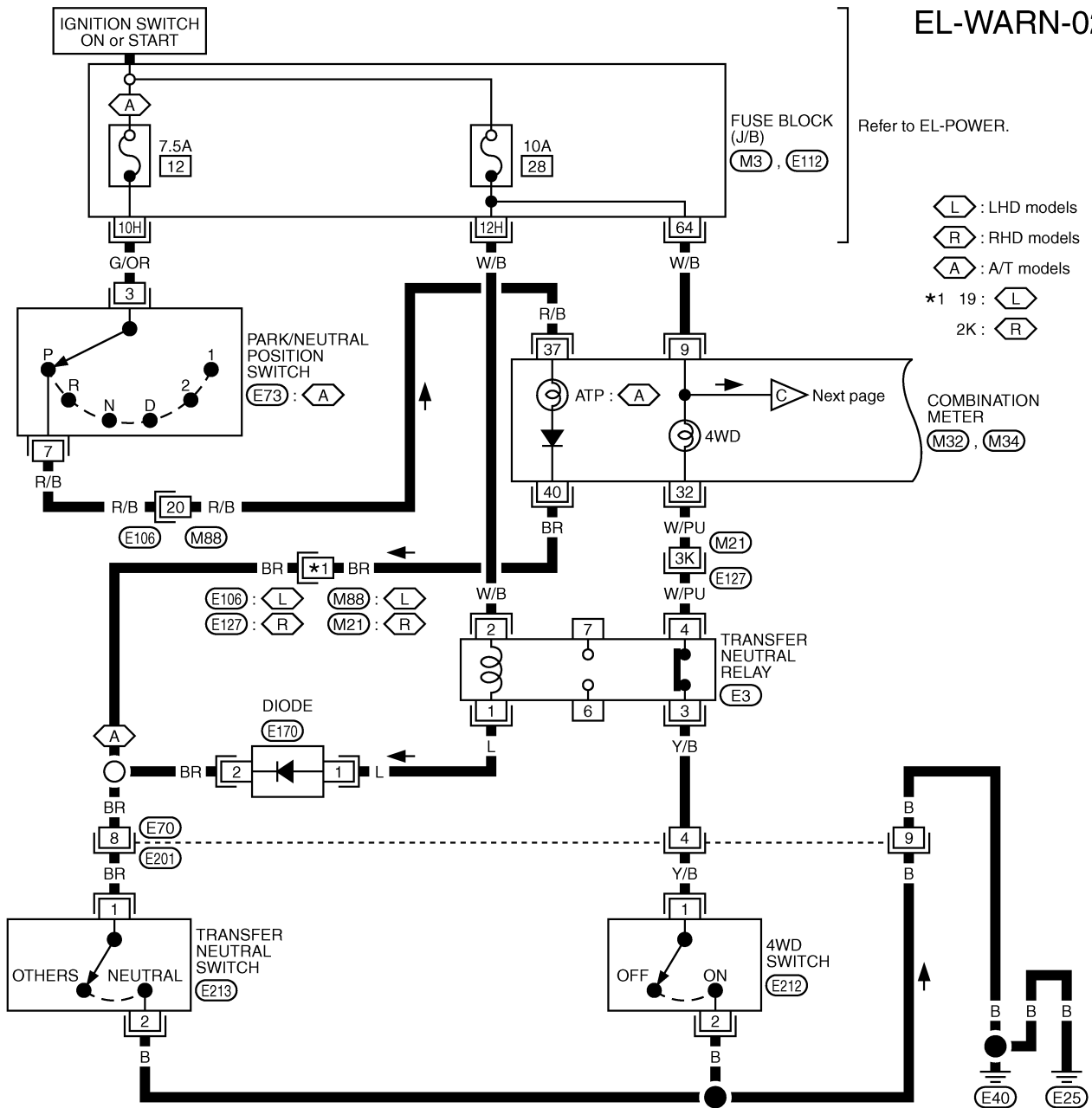
Refer to last page (Foldout page).

(M21), (E127)

(M4)

## Wiring Diagram — WARN — (Cont'd)

EL-WARN-02



Refer to last page (Foldout page).

(M21), (E127)

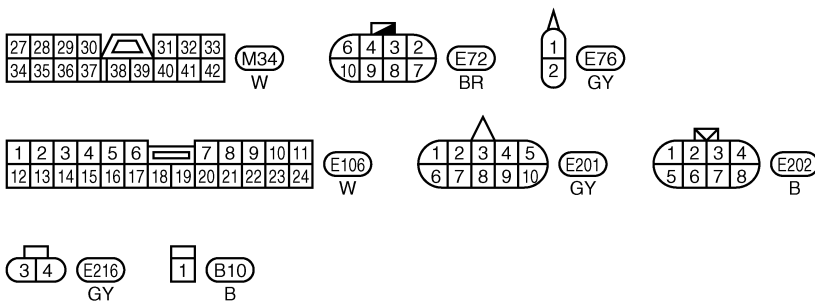
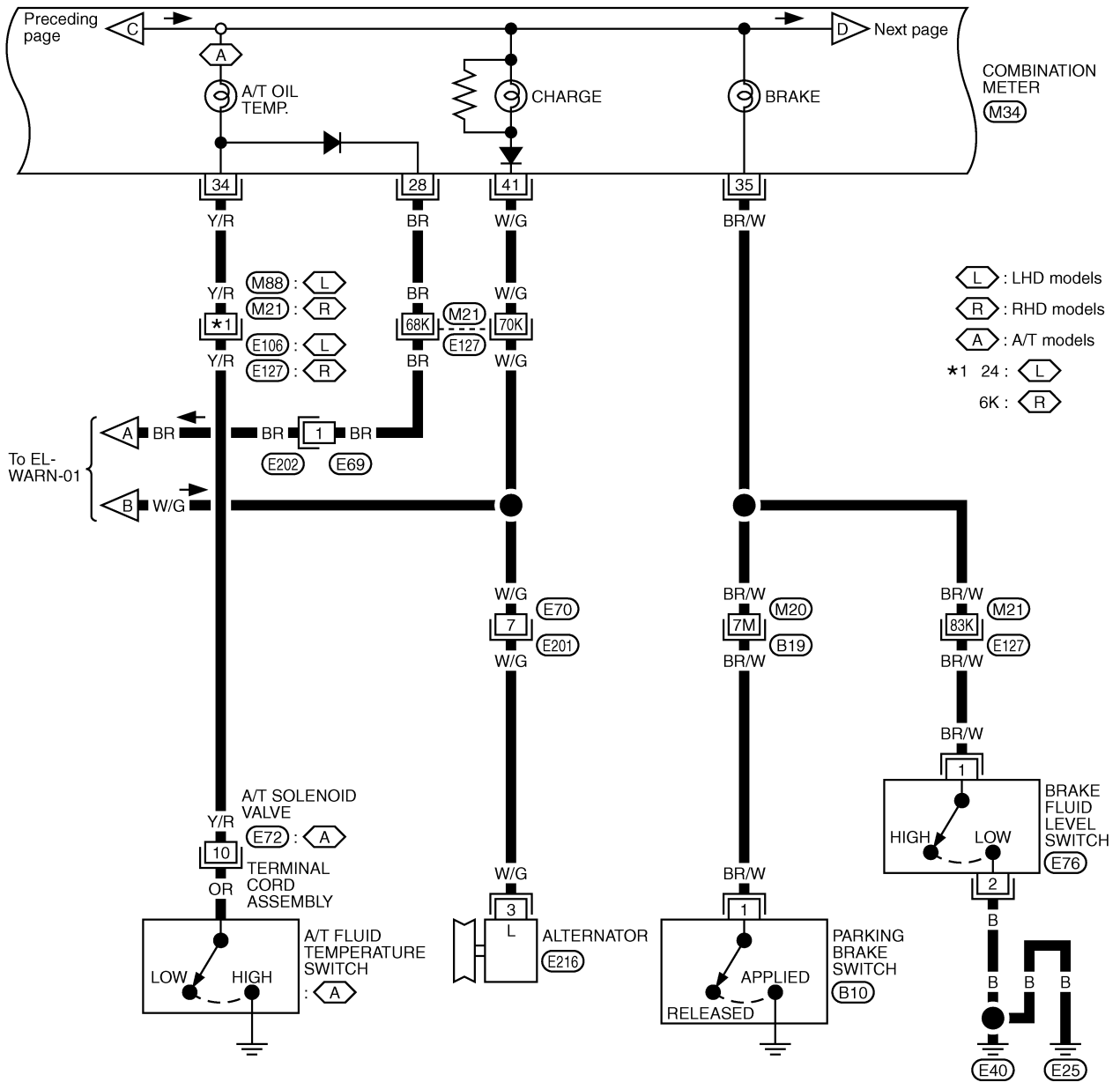
M3

E112

# WARNING LAMPS/WAGON AND HARDTOP MODELS

## Wiring Diagram — WARN — (Cont'd)

EL-WARN-03



Refer to last page (Foldout page).

(M20), (B19)

(M21), (E127)

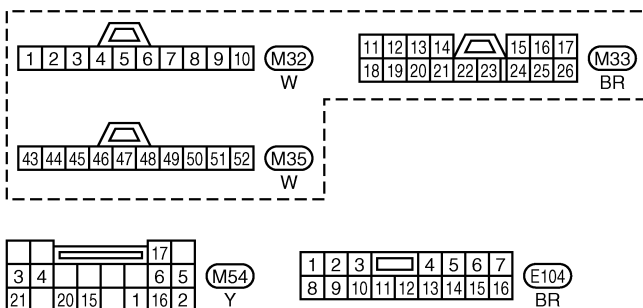
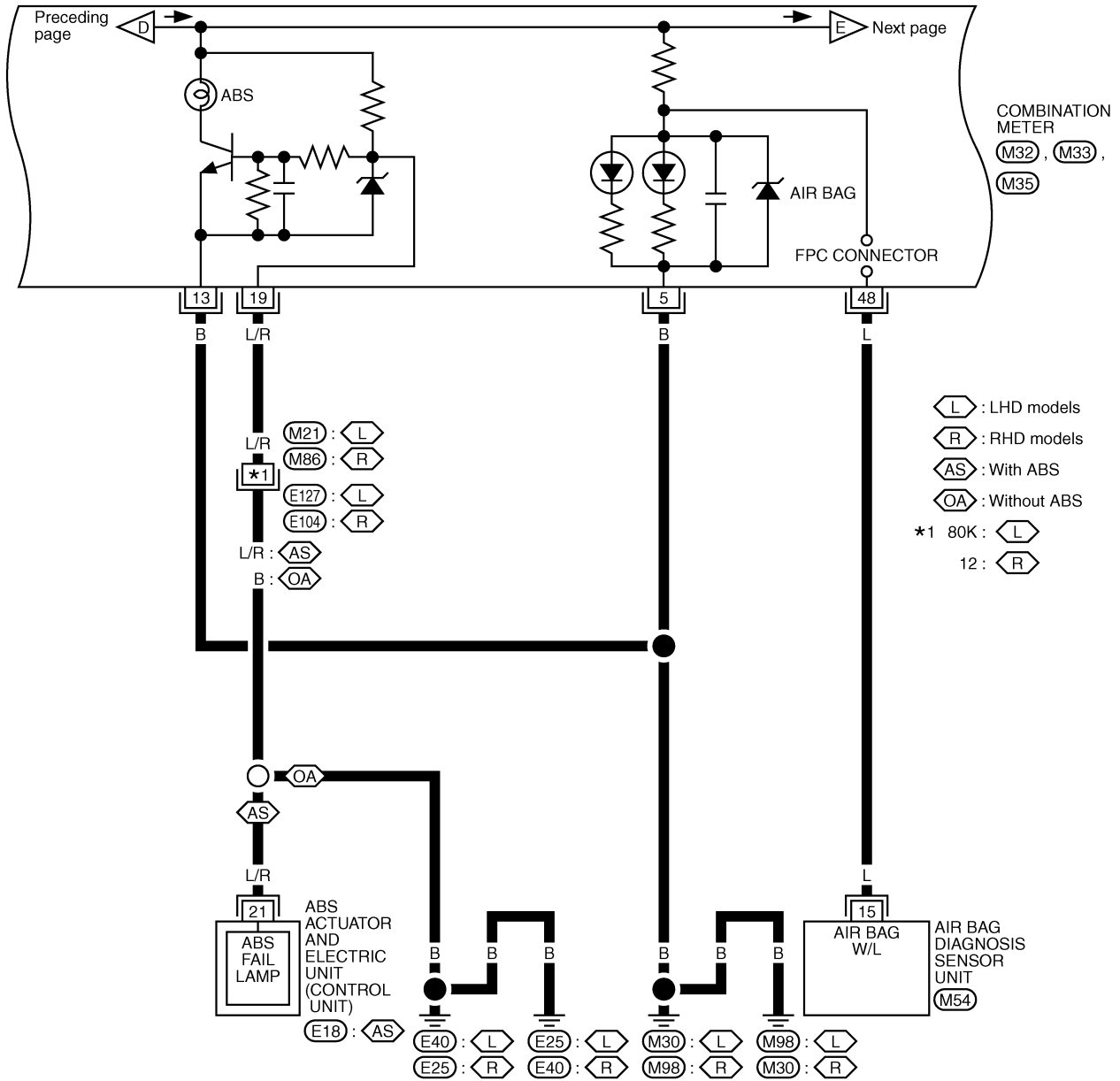
TEL427M

EL-2071

# WARNING LAMPS/WAGON AND HARDTOP MODELS

## Wiring Diagram — WARN — (Cont'd)

EL-WARN-04



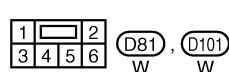
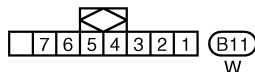
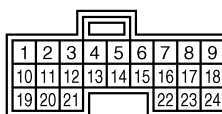
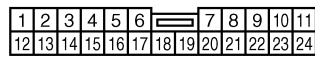
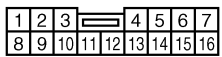
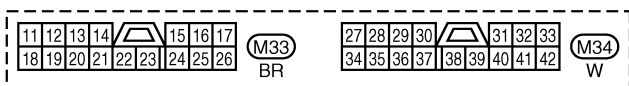
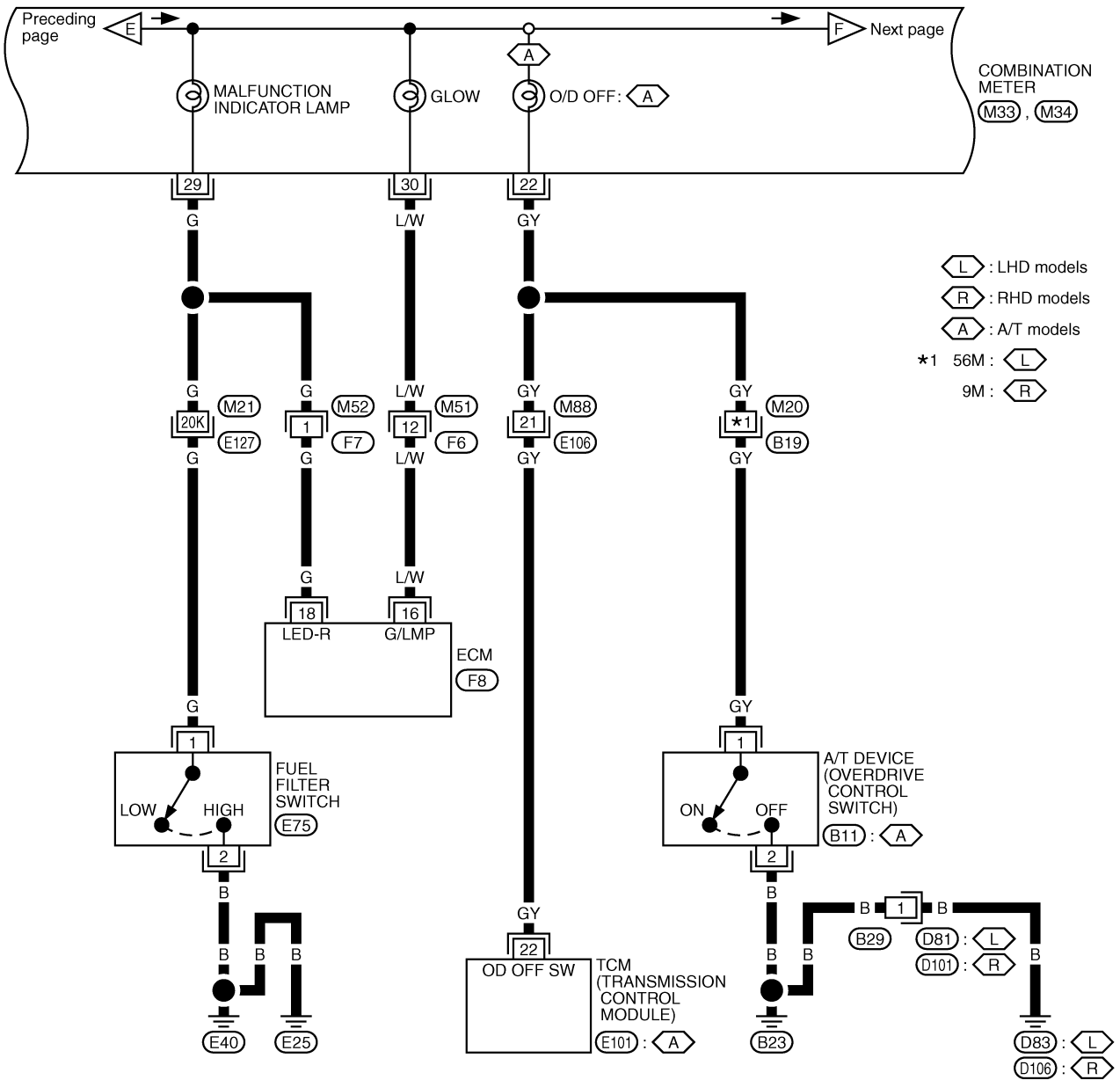
Refer to last page (Foldout page).

(M21), (E127)  
 (E18)



## Wiring Diagram — WARN — (Cont'd)

EL-WARN-05



Refer to last page (Foldout page).

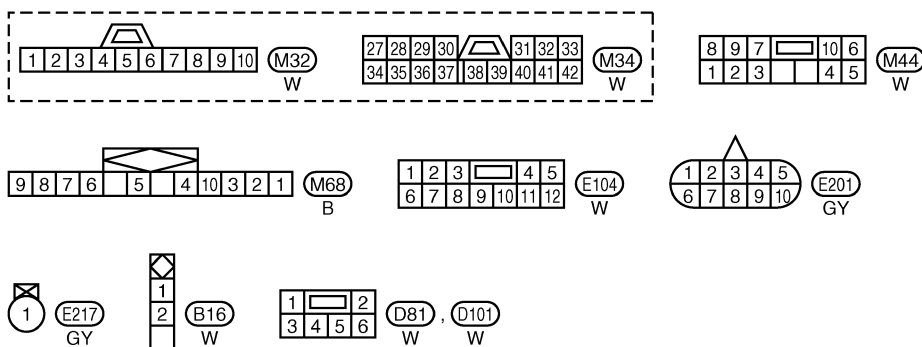
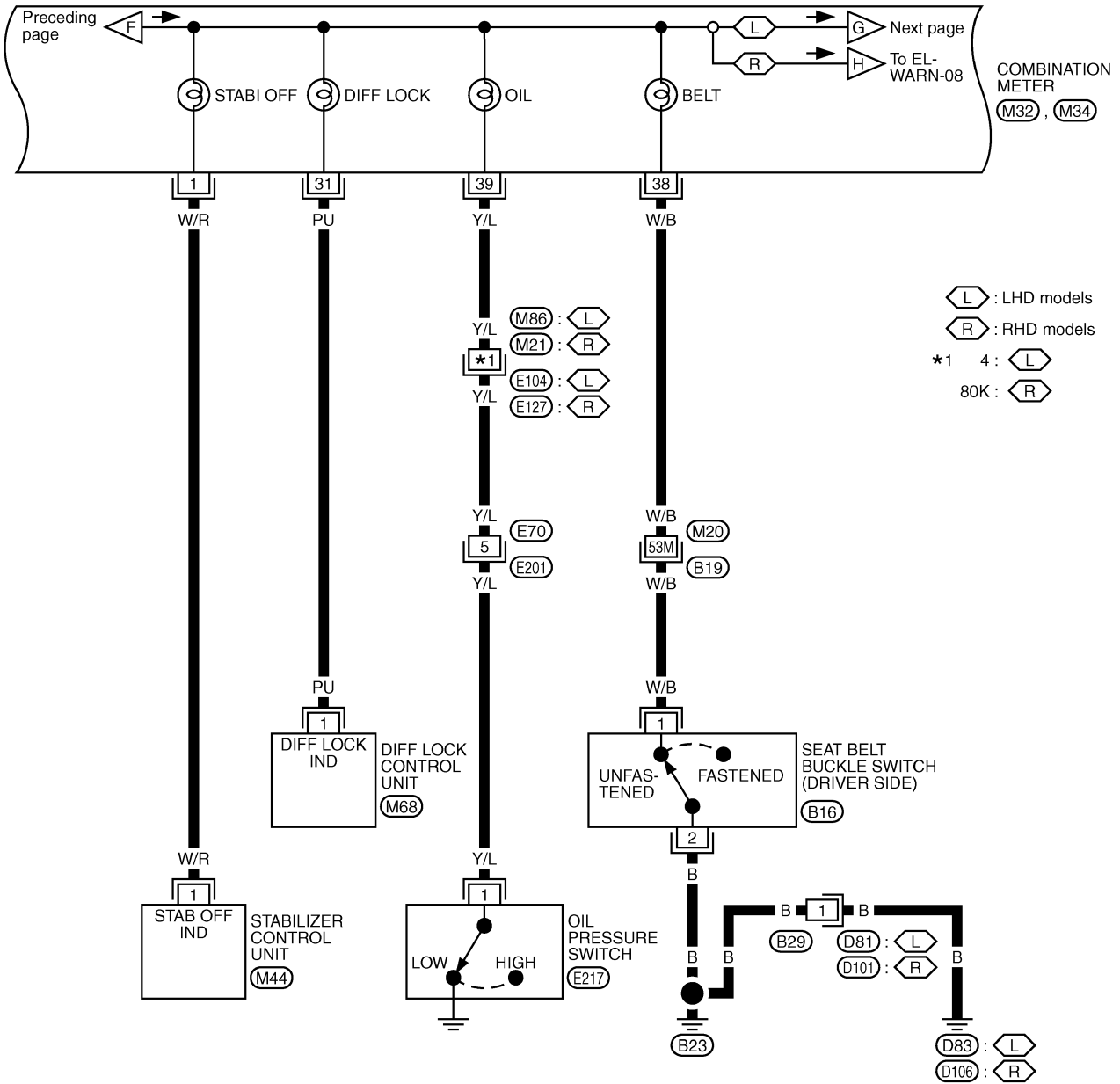
(M20), (B19)

M21, E127

F8

## Wiring Diagram — WARN — (Cont'd)

EL-WARN-06



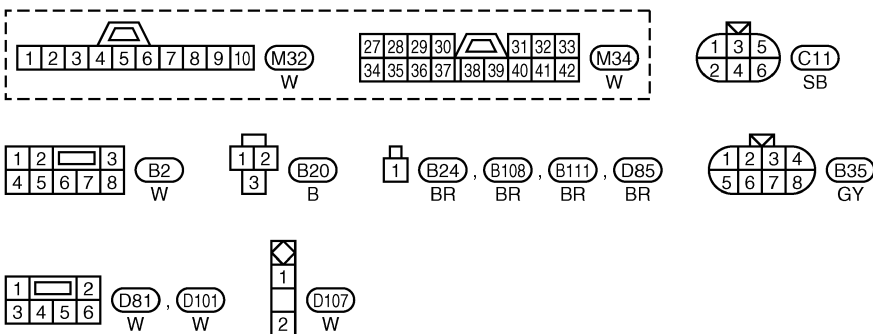
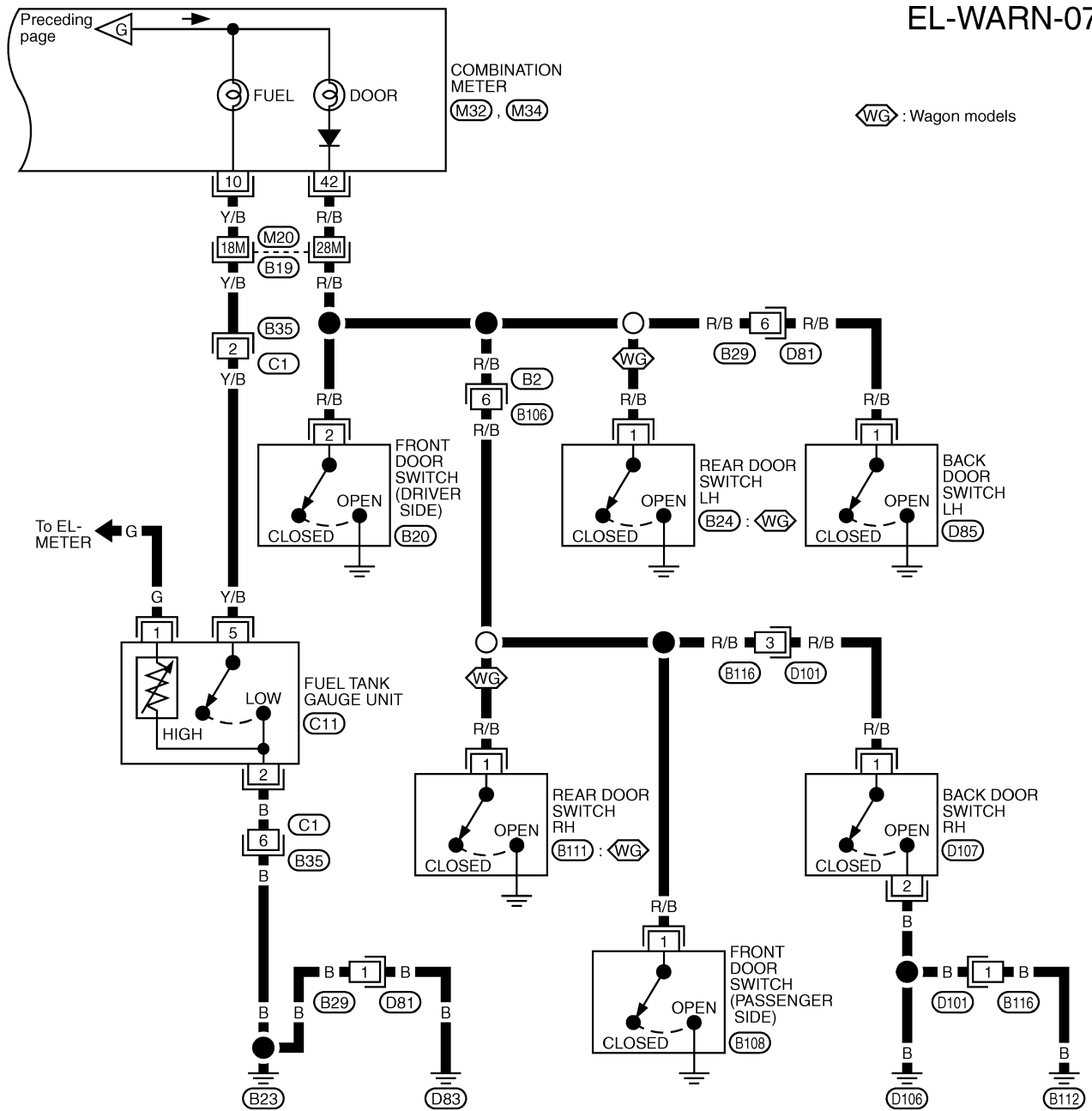
Refer to last page (Foldout page).

M20, B19

(M21), (E127)

## Wiring Diagram — WARN — (Cont'd)

EL-WARN-07



Refer to last page (Foldout page).

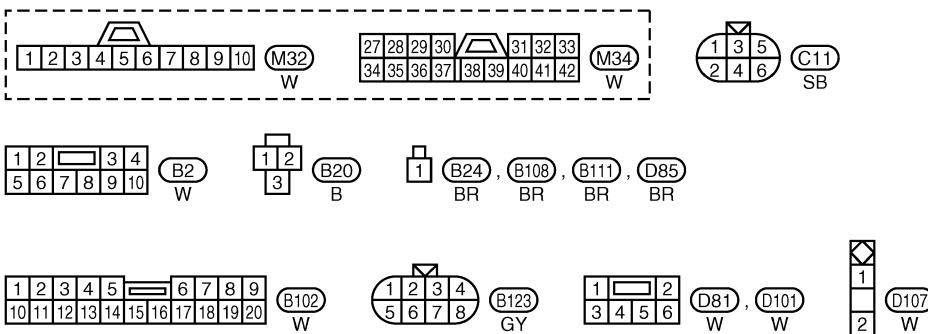
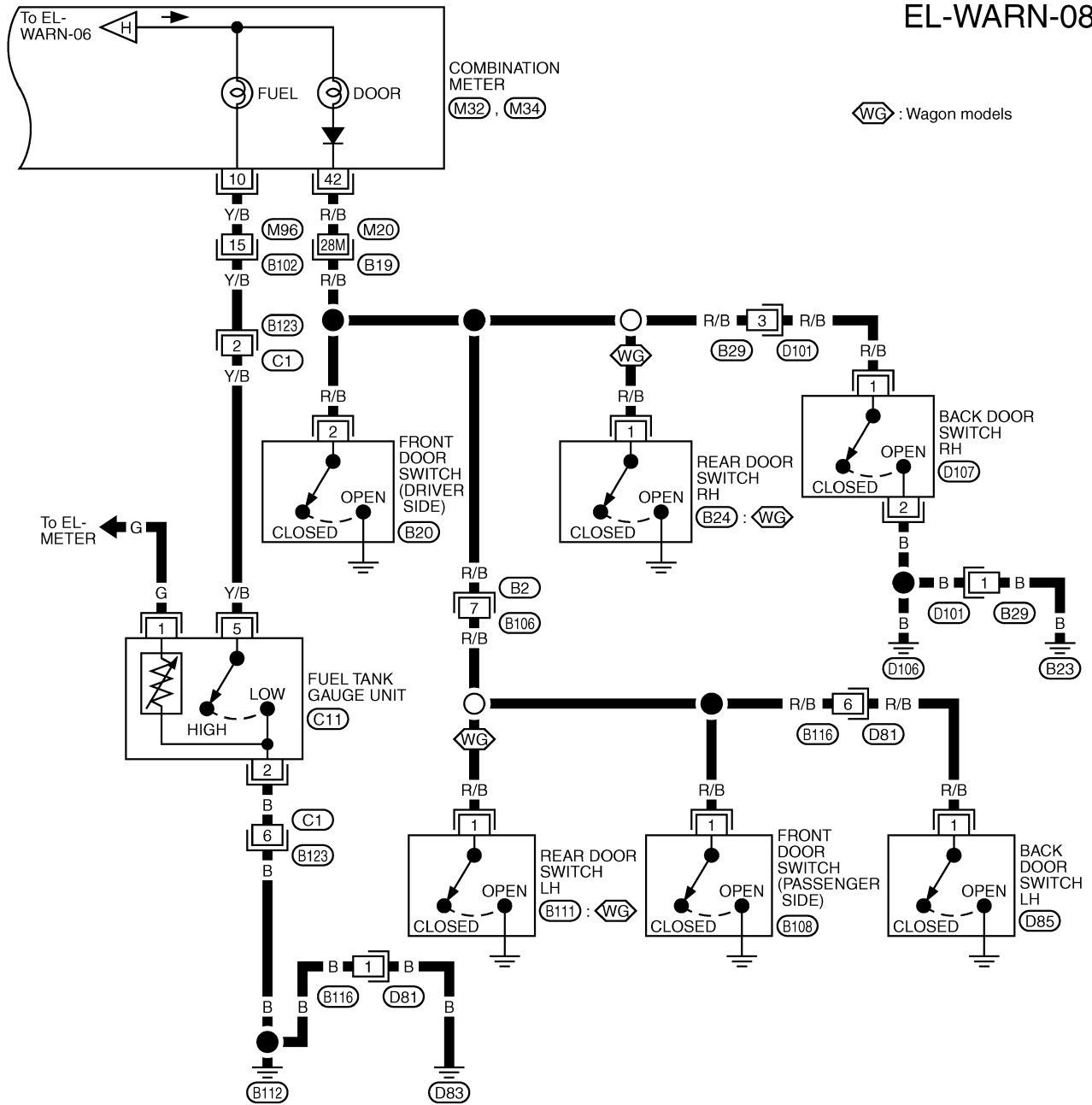
(M20), (B19)

# WARNING LAMPS/WAGON AND HARDTOP MODELS

## Wiring Diagram — WARN — (Cont'd)

EL-WARN-08

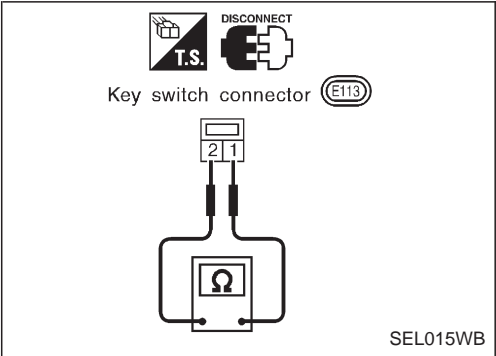
WG : Wagon models



Refer to last page (Foldout page).

M20, B19

WARNING CHIME/WAGON AND HARDTOP MODELS

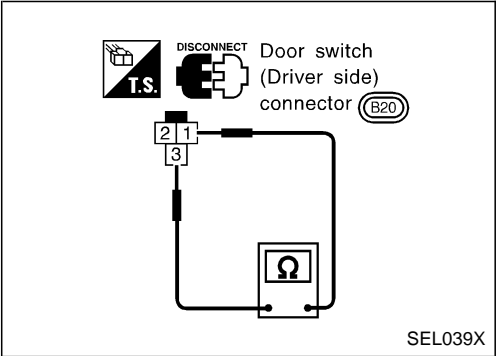


Electrical Components Inspection

KEY SWITCH (insert)

Check continuity between terminals when key is inserted in ignition key cylinder and key is removed from ignition key cylinder.

Terminal No.	Condition	Continuity
① - ②	Key is inserted.	Yes
	Key is removed.	No



DRIVER SIDE DOOR SWITCH

Check continuity between terminals when door switch is pushed and released.

Terminal No.	Condition	Continuity
① - ③	Door switch is pushed.	No
	Door switch is released.	Yes

## System Description

### WIPER OPERATION

The rear wiper switch is controlled by a ring built into the combination switch.

There are two wiper switch positions:

- ON (LO speed)
- INT (Intermittent)

With the ignition switch in the ON position, power is supplied

- through 10A fuse (No. 18, located in the fuse block)
- to rear wiper motor terminal ④, and
- to rear wiper amplifier terminal ⑤.

### Low speed wiper operation

Ground is supplied to rear wiper switch terminal ②④ through body grounds.

When the rear wiper is placed in the ON position, ground is supplied

- through rear wiper switch terminal ②②
- to rear wiper relay terminal ⑥.

Then ground is supplied

- to rear wiper motor terminal ①
- through rear wiper amplifier terminals ② and ③.

With power and ground supplied, the wiper motor operates.

### Auto stop operation

With the rear wiper switch turned OFF, rear wiper motor will continue to operate until wiper arm reaches rear window base.

When wiper arm is not located at base of rear window with rear wiper switch OFF, ground is supplied

- to rear wiper motor terminal ①
- through rear wiper amplifier terminals ②, ⑦ and
- through rear wiper motor terminal ③, in order to continue rear wiper motor operation at low speed.

Ground is also supplied

- to rear wiper motor terminal ②
- through body grounds.

When wiper arm reaches base of rear window, rear wiper motor terminals ③ and ④ are connected instead of terminals ② and ③. Rear wiper motor will then stop wiper arm at the PARK position.

### Intermittent operation

The rear wiper motor operates the wiper arm one time at low speed at an interval of approximately 7 seconds.

When the rear wiper switch is placed in the INT position, ground is supplied

- to rear wiper amplifier terminal ①
- through rear wiper switch terminal ②①.

Then the rear wiper motor operates intermittently in the same manner as the low speed wiper operation.

### WASHER OPERATION

With the ignition switch in the ACC or ON position, power is supplied

- through 10A fuse (No. 18, located in the fuse block)
- to rear washer motor terminal ②.

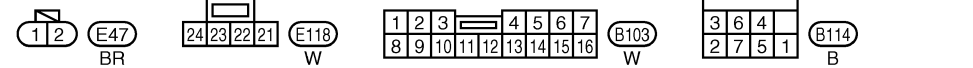
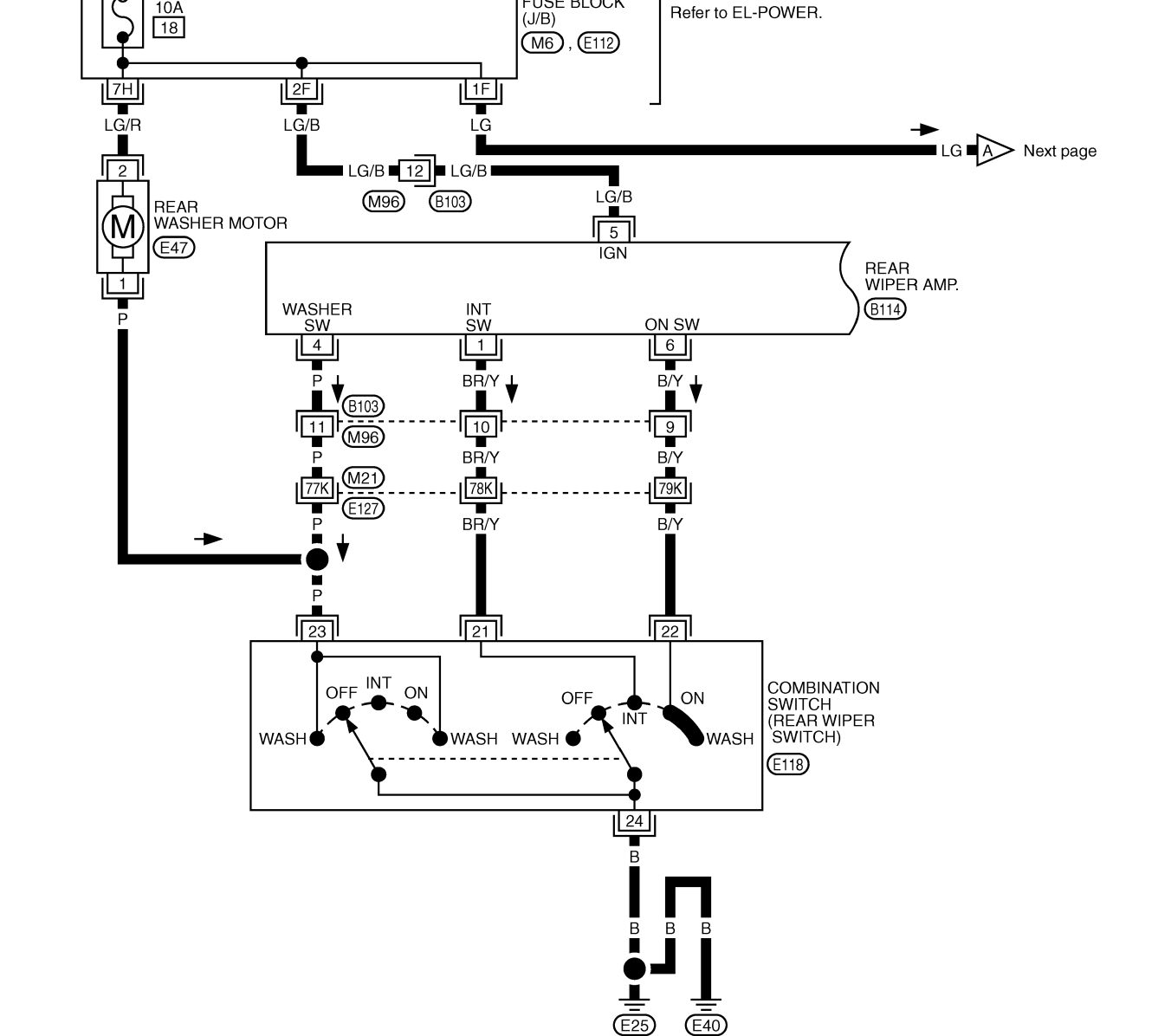
When the ring is turned WASH position, ground is supplied

- to rear washer motor terminal ①, and
- to rear wiper amplifier terminal ④
- through terminal ②③ of rear wiper switch.

With power and ground is supplied, the rear washer motor operates.

The rear wiper motor operates when the ring is turned to WASH position for one second or more and for approximately 3 seconds after the ring is released. This feature is controlled by the rear wiper amplifier in the same manner as the low speed wiper operation.

IGNITION SWITCH 7 EL-WIP/B-01



Refer to last page (Foldout page).

(M21), (E127)

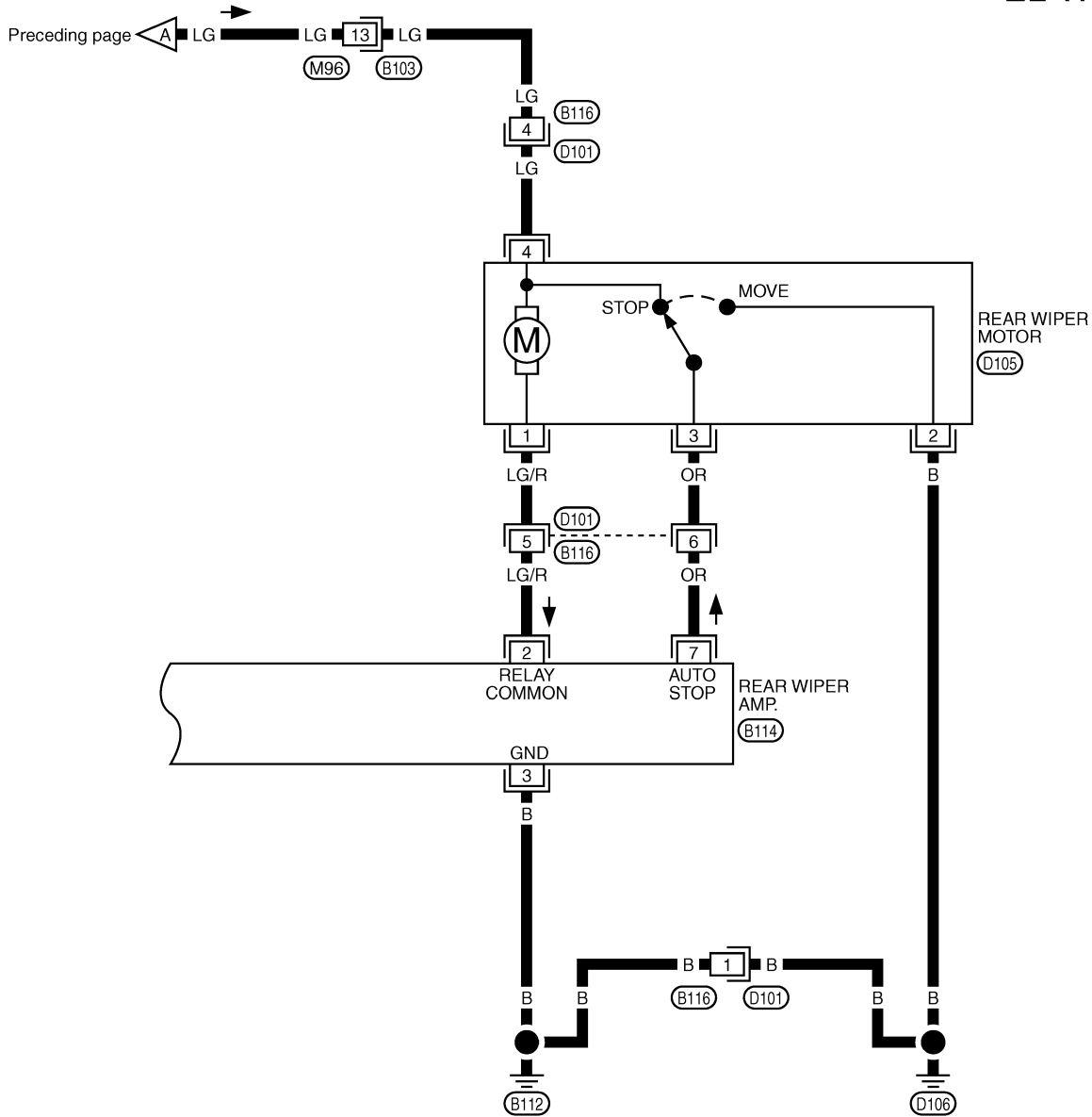
M6

E112

# REAR WIPER AND WASHER/WAGON AND HARDTOP MODELS

## Wiring Diagram — WIP/R —/LHD Models (Cont'd)

EL-WIP/R-02



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

B103

W

3	6	4	
2	7	5	1

(B114)  
B

1		2	
3	4	5	6

D101  
W

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

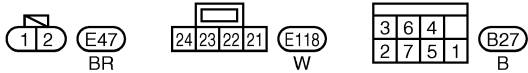
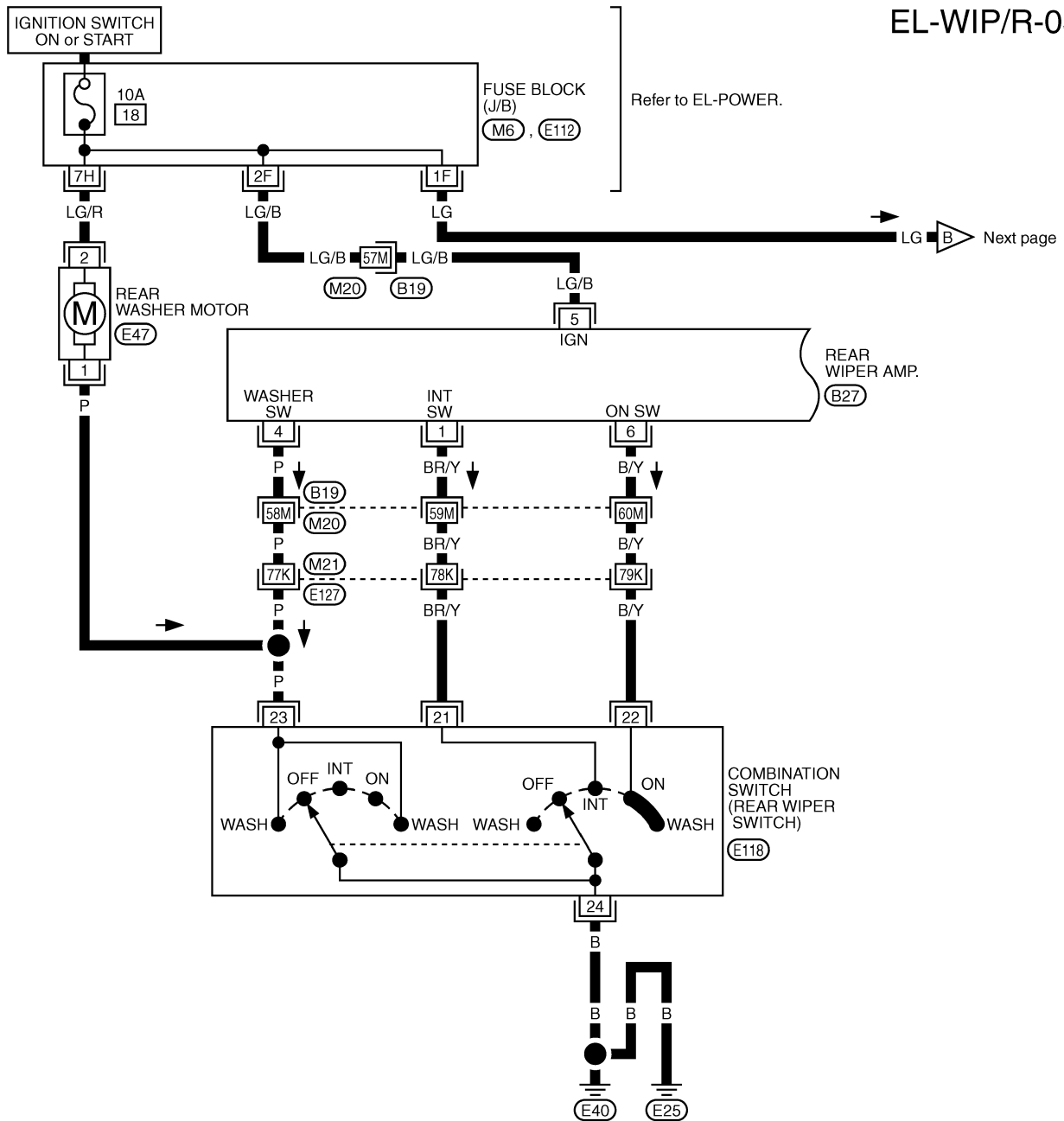
(D105)  
W



# REAR WIPER AND WASHER/WAGON AND HARDTOP MODELS

## Wiring Diagram — WIP/R —/RHD Models

EL-WIP/R-03



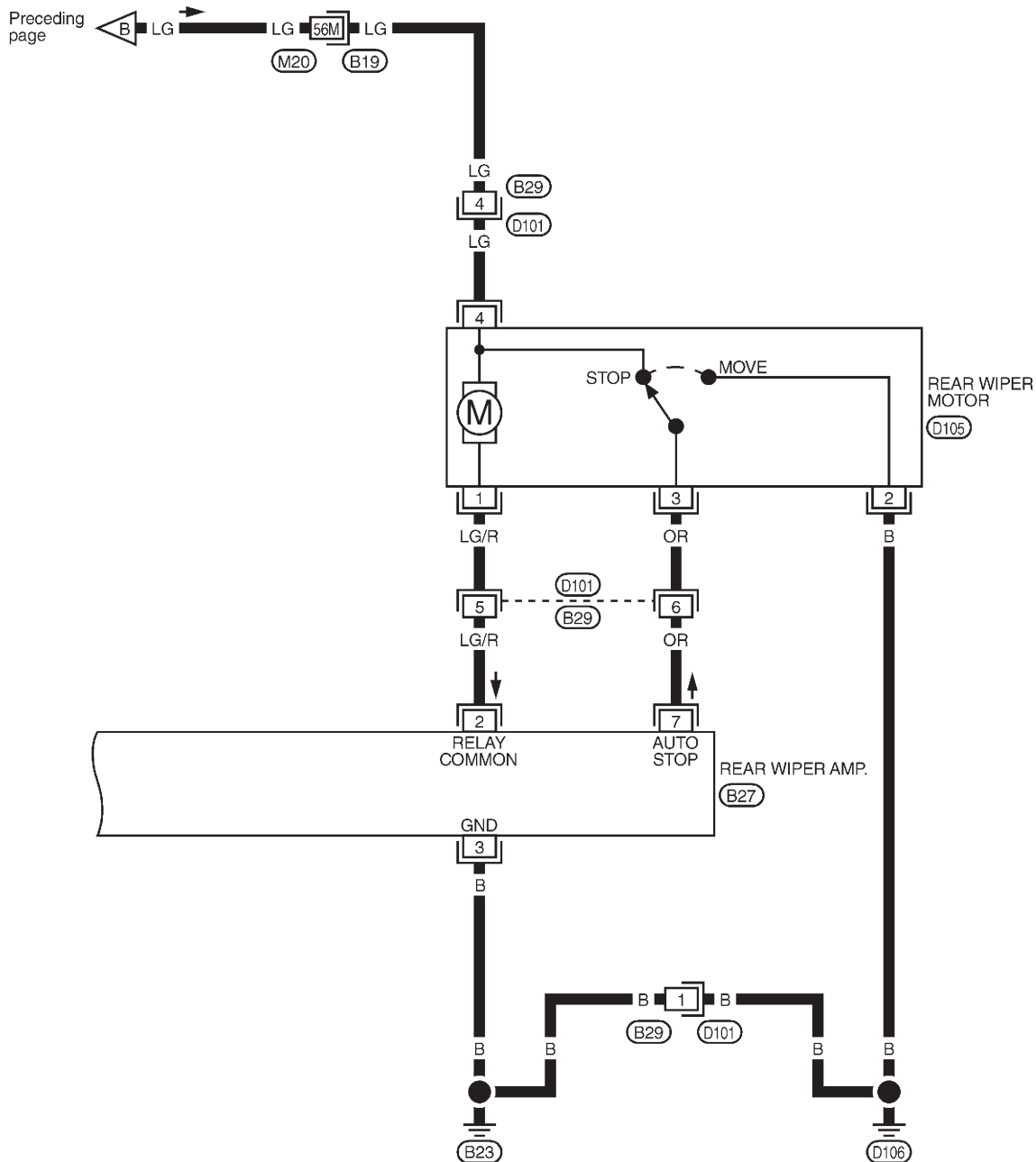
Refer to last page (Foldout page).

(M21, E127)  
(M20, B19)  
(M6)  
(E112)

# REAR WIPER AND WASHER/WAGON AND HARDTOP MODELS

## Wiring Diagram — WIP/R —/RHD Models (Cont'd)

EL-WIP/R-04



3	6	4	
2	7	5	1

(B27)  
B

1		2
3	4	5

(D101)  
W

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

(D105)  
W

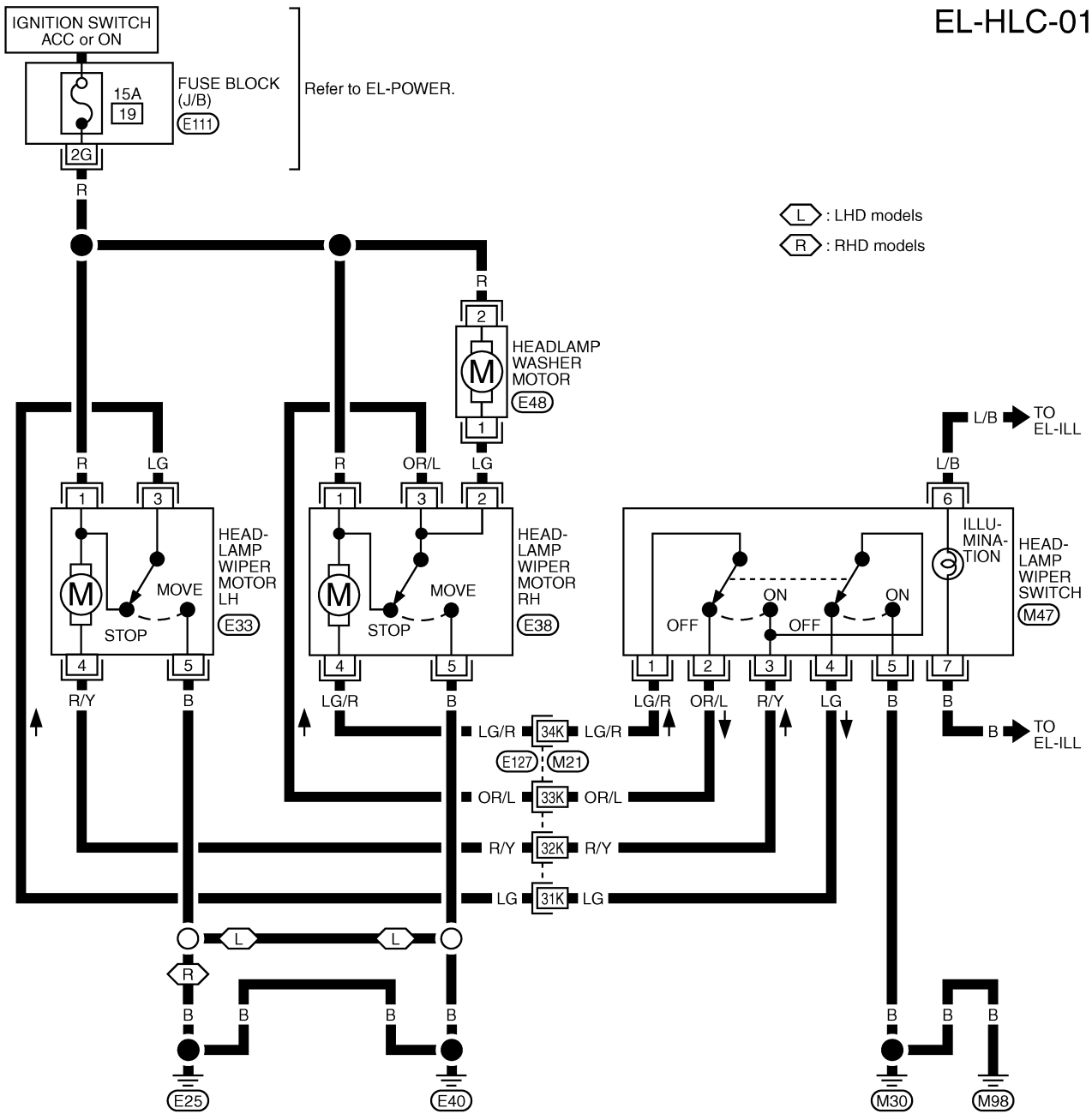
Refer to last page (Foldout page).

(M20) , (B19)

## HEADLAMP WIPER AND WASHER

## Wiring Diagram — HLC —

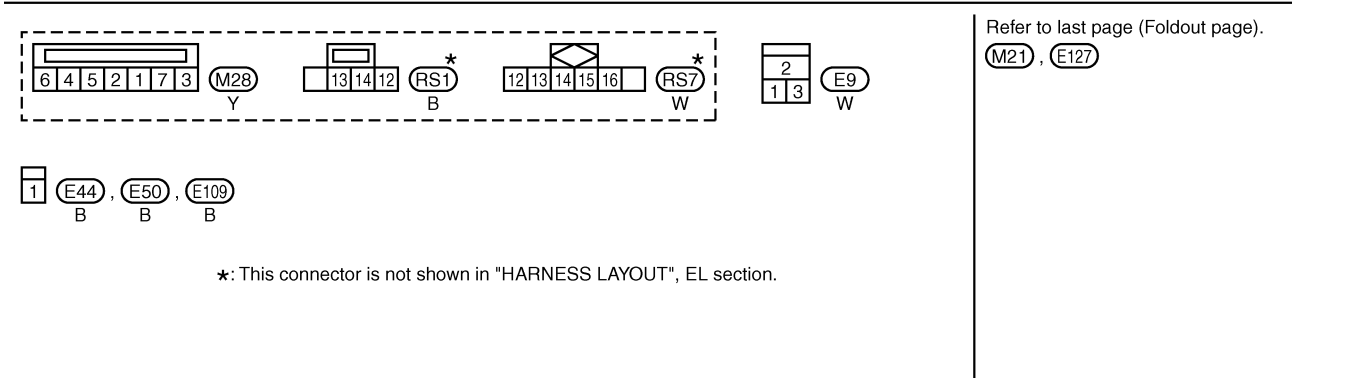
EL-HLC-01



Refer to last page (Foldout page).

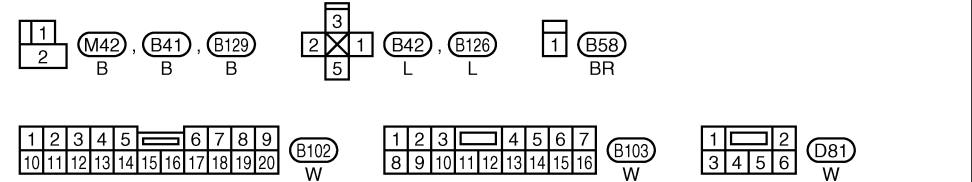
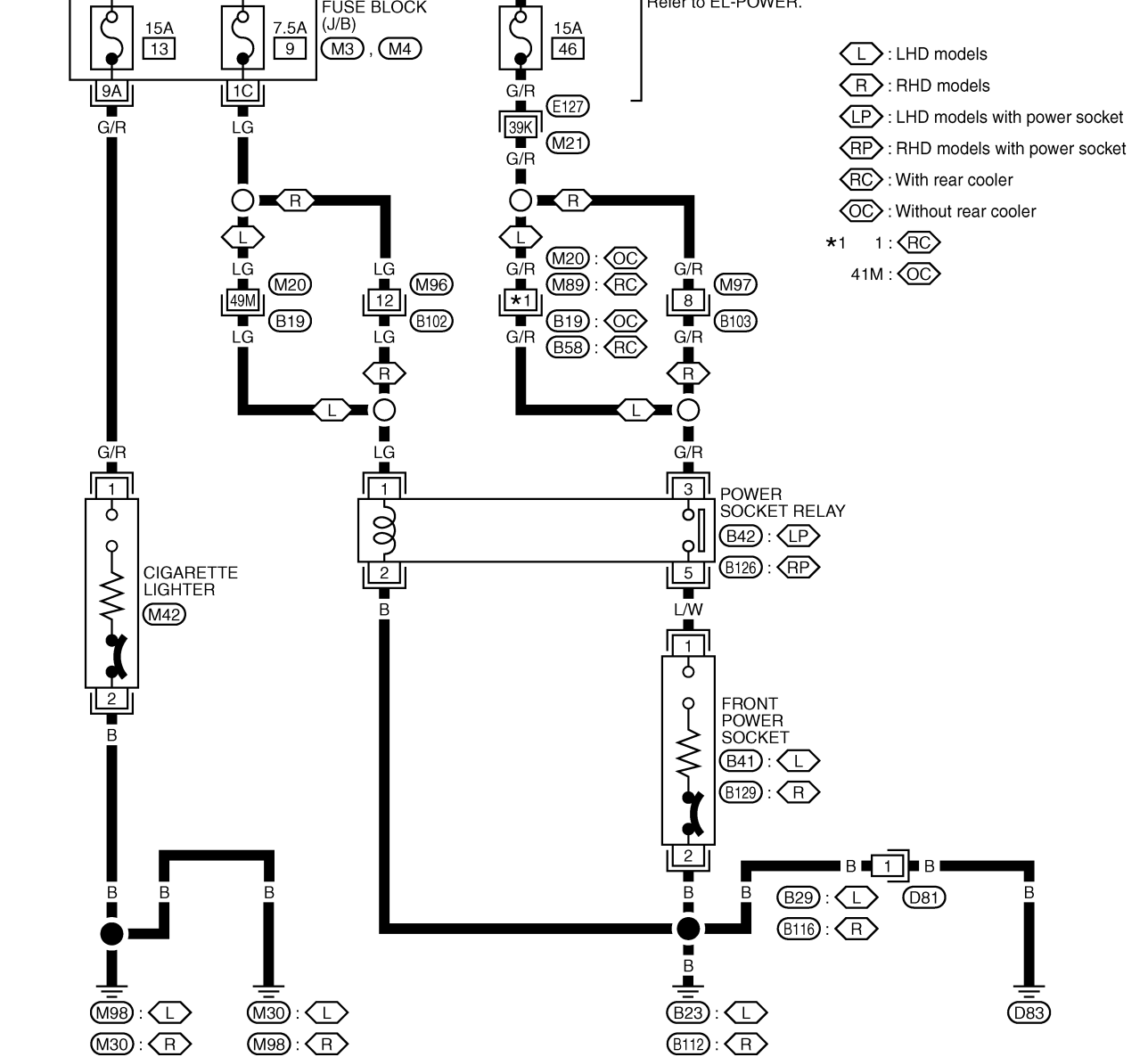
(M21), (E127)

E111



IGNITION SWITCH      BATTERY      EL-CIGAR-01

The schematic diagram illustrates the proposed system architecture. It features a central box labeled "Proposed System". To its left are three vertically stacked boxes: "Accession" at the top, "Inventory" in the middle, and "Reporting" at the bottom. To the right of the "Proposed System" box is another vertical stack of boxes, including "User Interface" and "Database". Arrows indicate the flow of data and processes between these components, showing how the system integrates accession management, inventory tracking, and reporting functions.



M21 E127

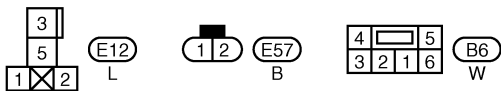
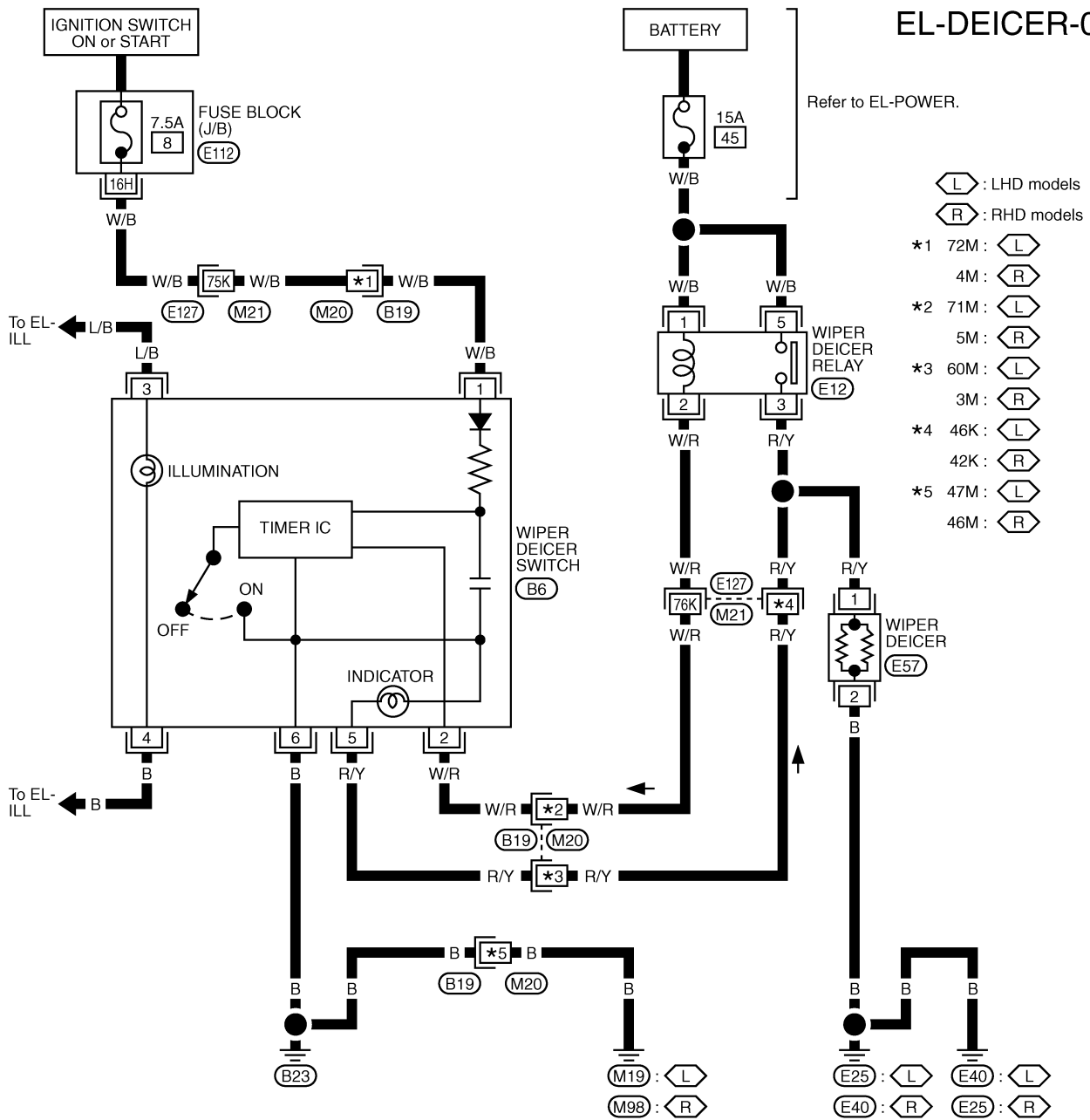
M3

1

# WIPER DEICER/WAGON AND HARDTOP MODELS

## Wiring Diagram — DEICER —

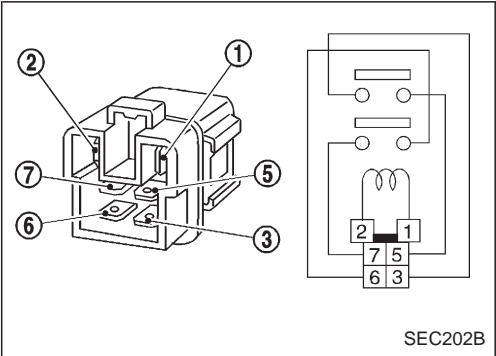
EL-DEICER-01



Refer to last page (Foldout page).

(M20), (B19)  
(M21), (E127)  
(E112)

# REAR WINDOW DEFOGGER/WAGON AND HARDTOP MODELS

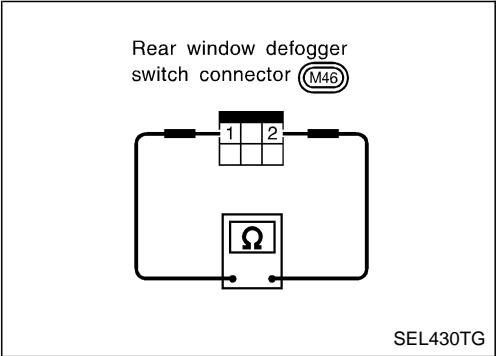


## Electrical Components Inspection

### REAR WINDOW DEFOGGER RELAY

Check continuity between terminals ③ and ⑤, ⑥ and ⑦.

Condition	Continuity
12V direct current supply between terminals ① and ②	Yes
No current supply	No



### REAR WINDOW DEFOGGER SWITCH

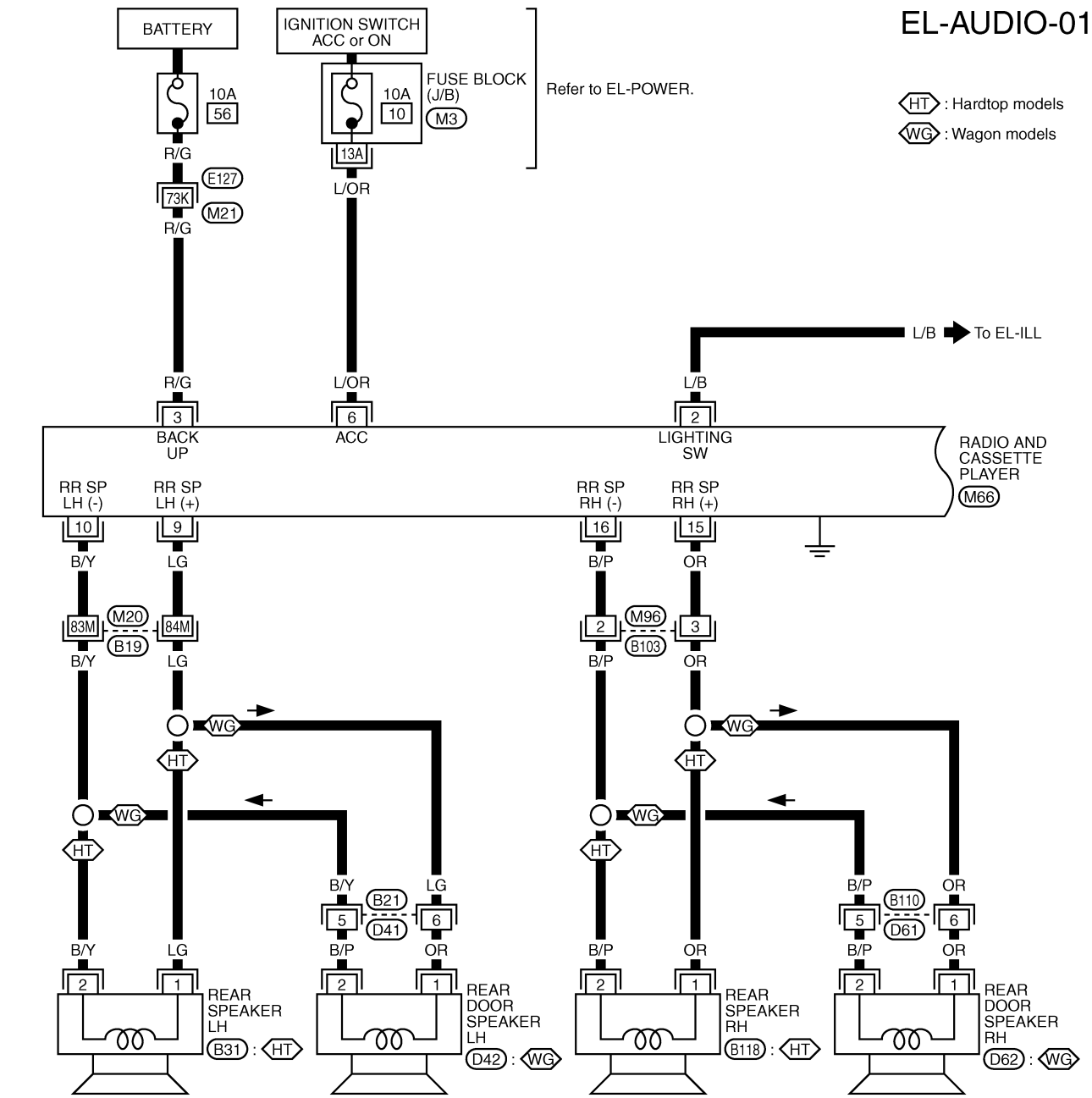
Check continuity between terminals when rear window defogger switch is pushed and released.

Terminals	Condition	Continuity
① - ②	Rear window defogger switch is pushed	Yes
	Rear window defogger switch is released	No

# AUDIO/WAGON AND HARDTOP MODELS

## Wiring Diagram — AUDIO —/LHD Models

EL-AUDIO-01



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

(M66)  
W

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

(B21), (B110)  
W

1	2
---	---

(B31), (B118), (D42), (D62)  
BR

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

(B103)  
W

Refer to last page (Foldout page).

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

TEL451M

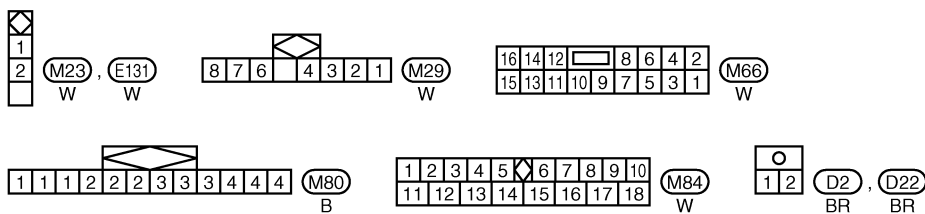
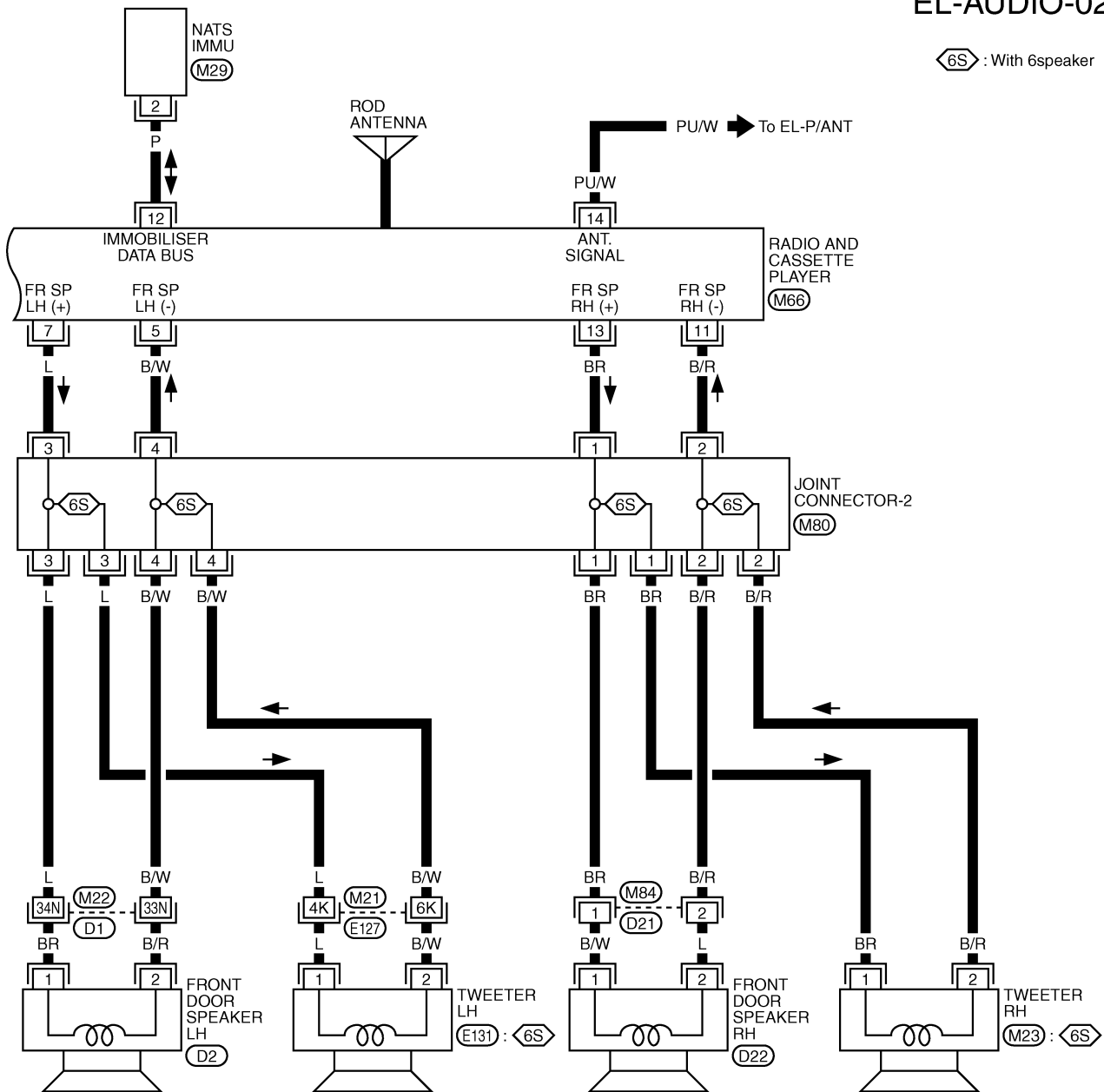


# AUDIO/WAGON AND HARDTOP MODELS

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

EL-AUDIO-02

⬡6S : With 6speaker



Refer to last page (Foldout page).

(M21), (E127)

(M22), (D1)

# AUDIO/WAGON AND HARDTOP MODELS

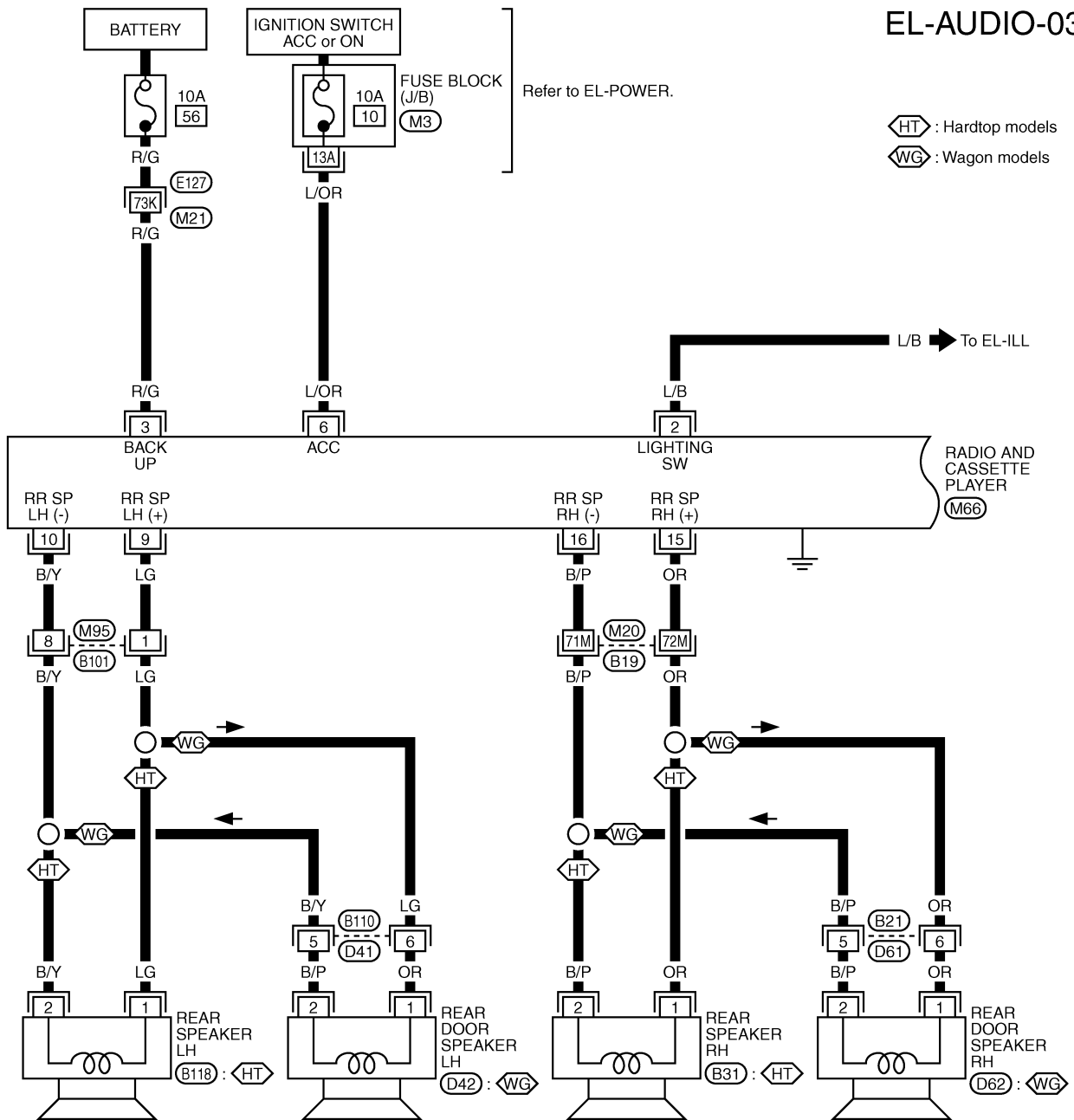
## Wiring Diagram — AUDIO —/RHD Models

EL-AUDIO-03

HT : Hardtop models

WG : Wagon models

Refer to EL-POWER.



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

(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					

(B101)  
W

Refer to last page (Foldout page).

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

TEL452M

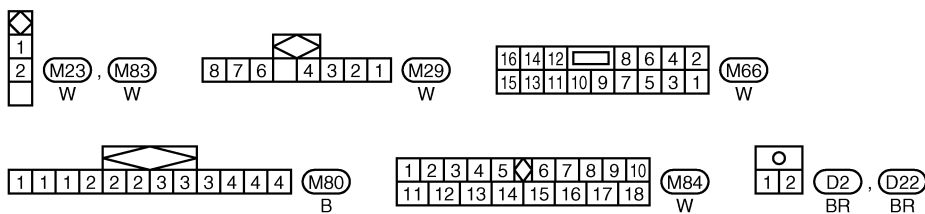
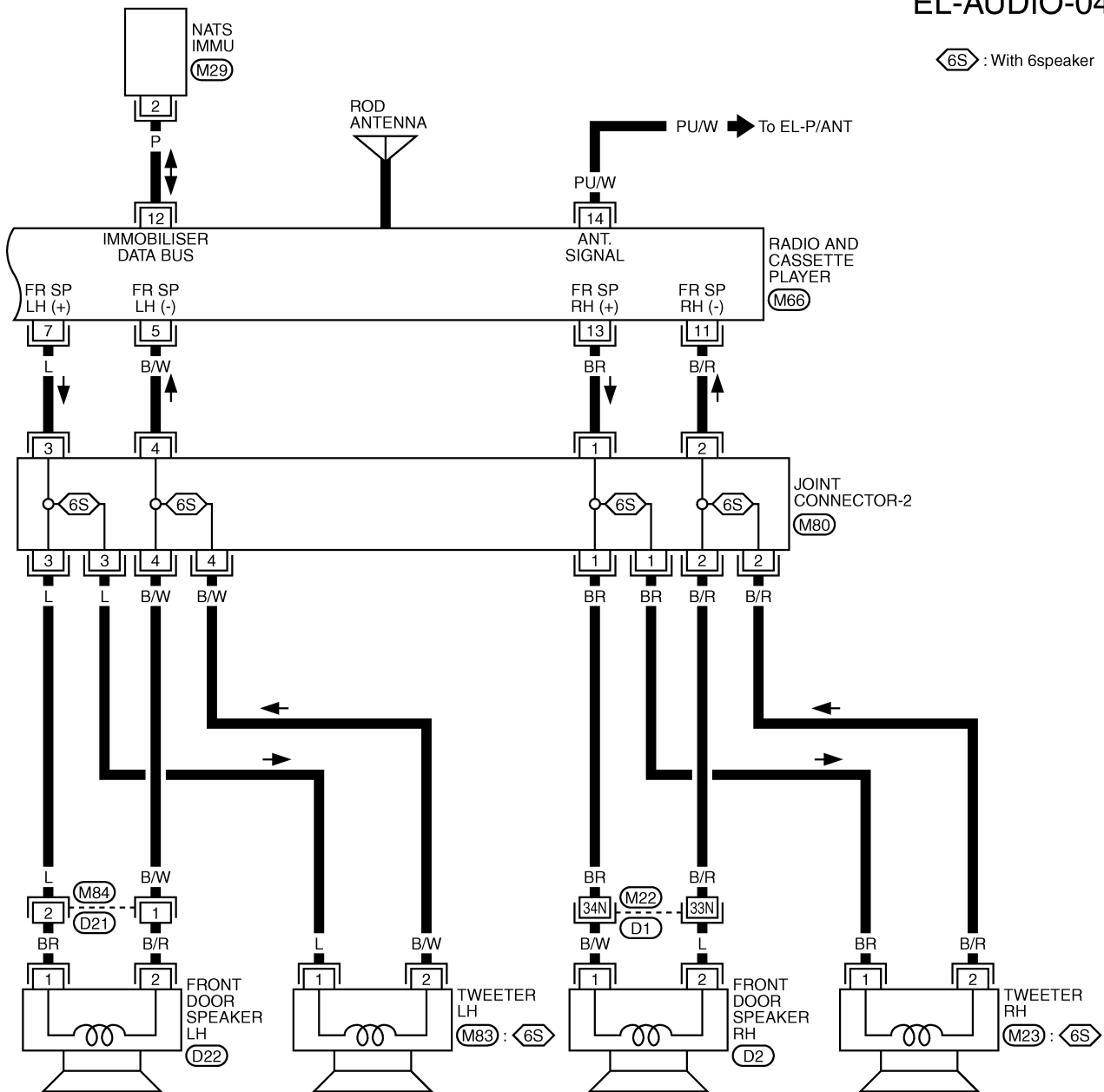
EL-2090

# AUDIO/WAGON AND HARDTOP MODELS

## Wiring Diagram — AUDIO —/RHD Models (Cont'd)

EL-AUDIO-04

6S : With 6speaker



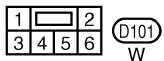
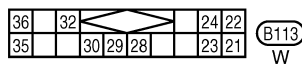
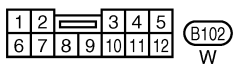
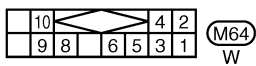
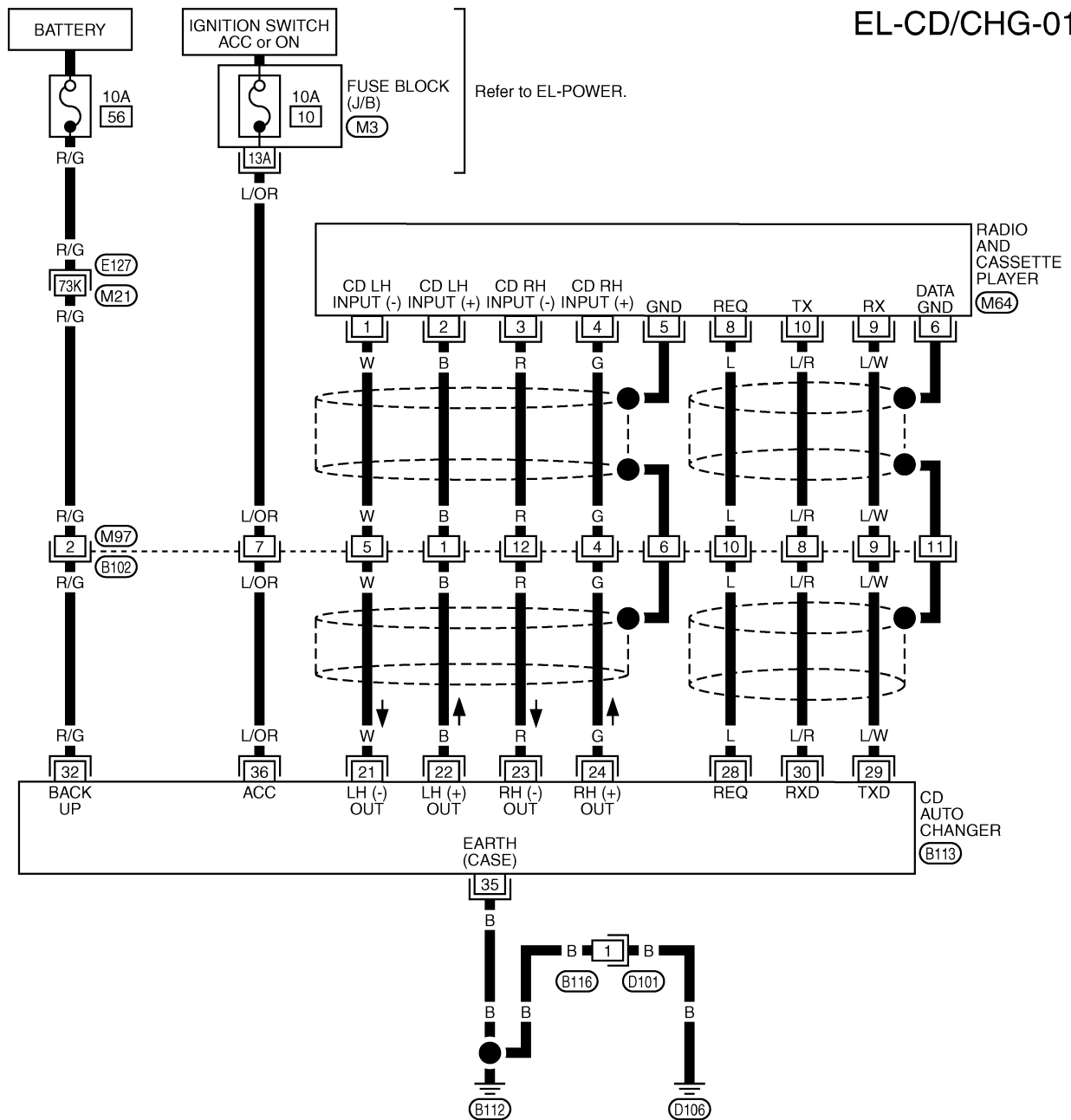
Refer to last page (Foldout page).

(M22), (D1)

# AUDIO/WAGON AND HARDTOP MODELS

## Wiring Diagram — CD/CHG —/LHD Wagon

EL-CD/CHG-01



Refer to last page (Foldout page).

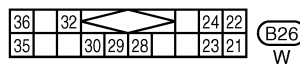
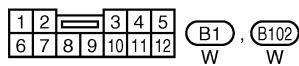
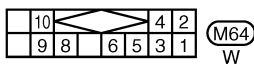
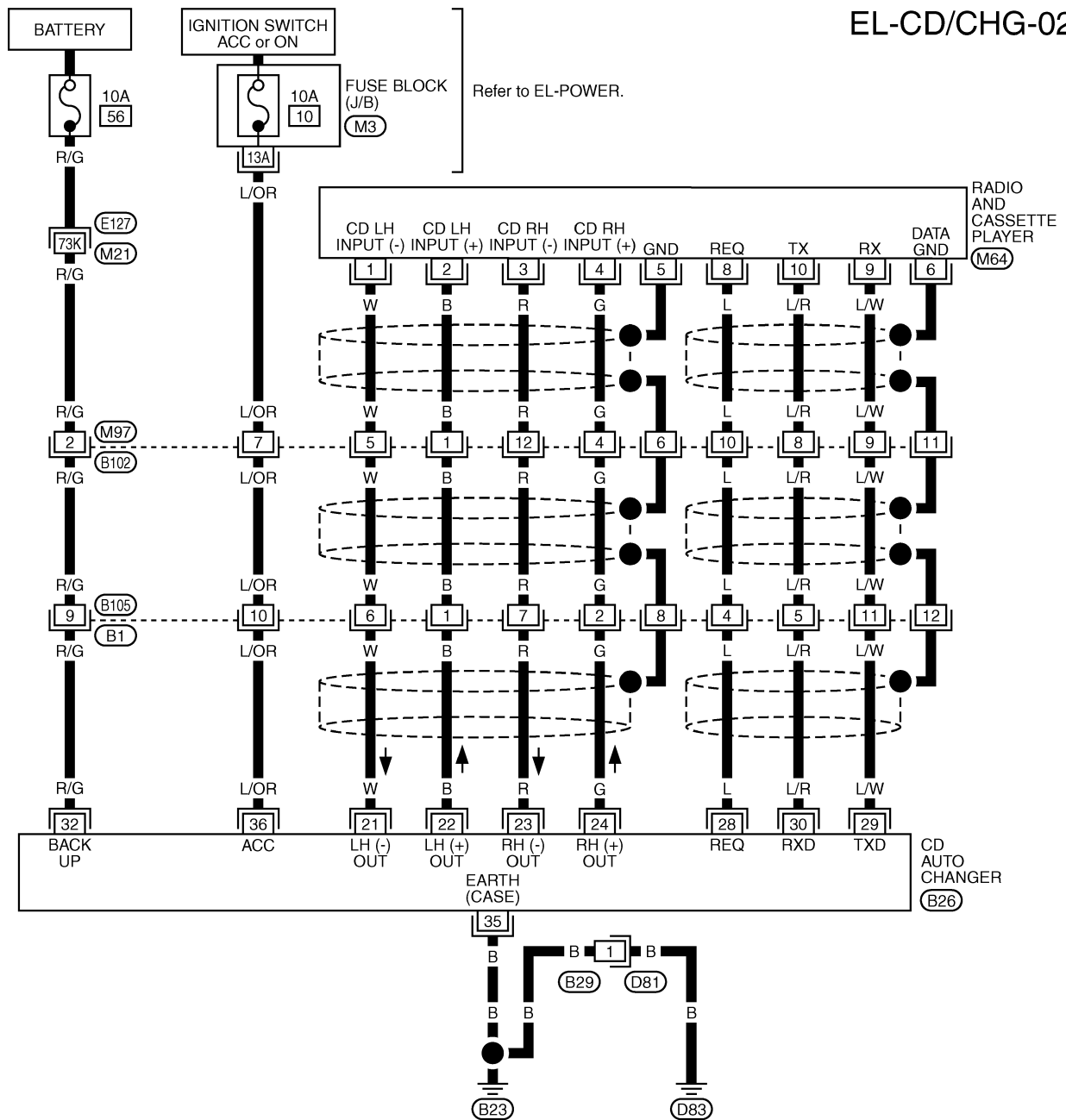
M21, E127

M3

# AUDIO/WAGON AND HARDTOP MODELS

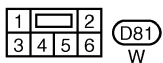
## Wiring Diagram — CD/CHG —/LHD Hardtop

EL-CD/CHG-02



Refer to last page (Foldout page).

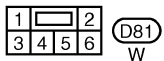
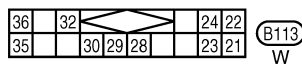
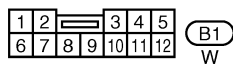
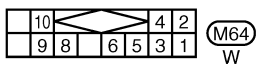
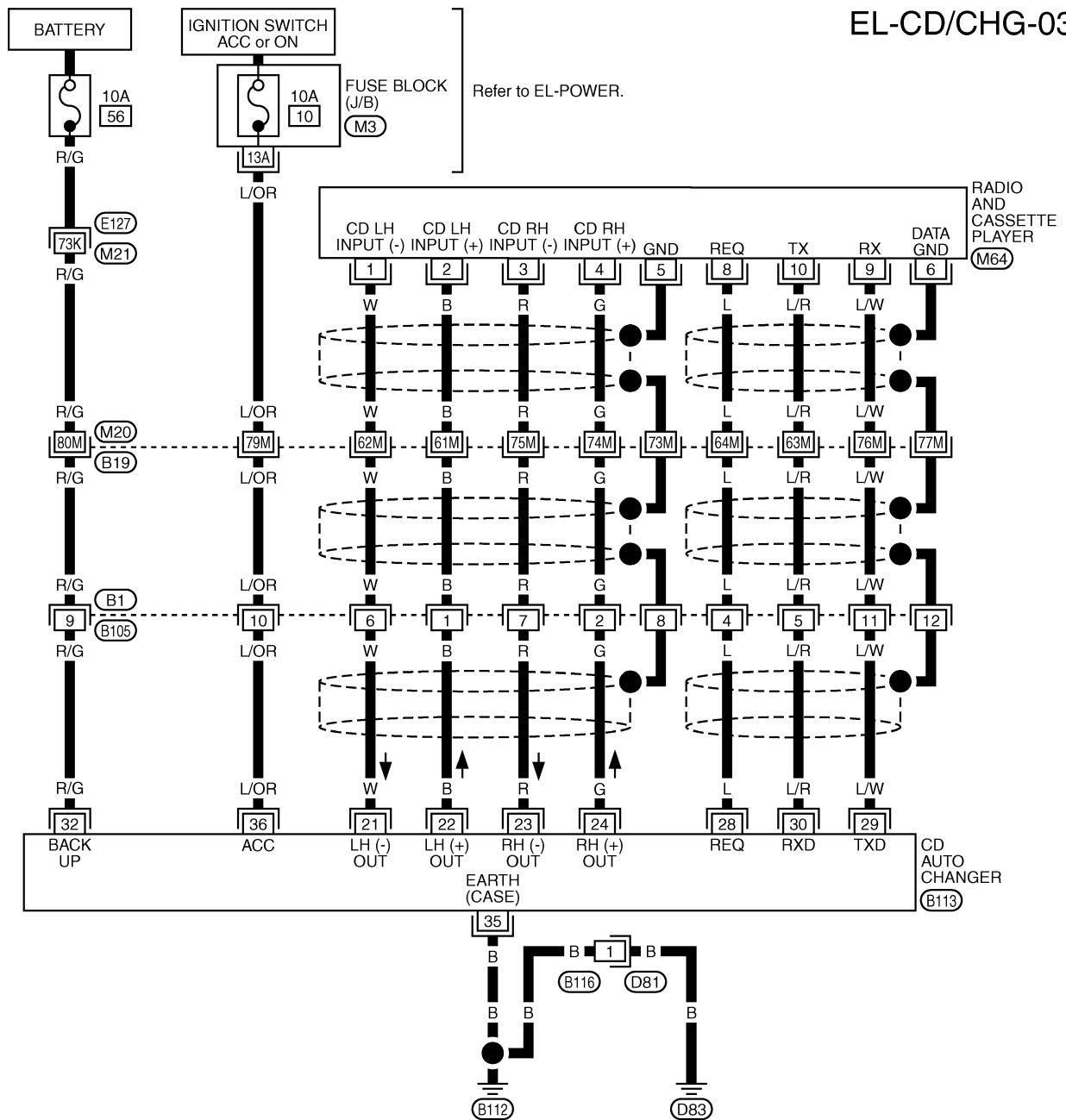
(M21), (E127)  
(M3)



# AUDIO/WAGON AND HARDTOP MODELS

## Wiring Diagram — CD/CHG —/RHD Hardtop

EL-CD/CHG-03



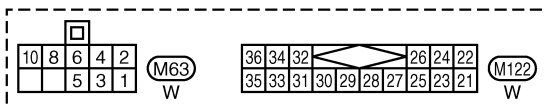
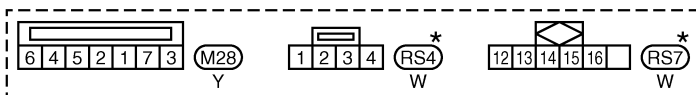
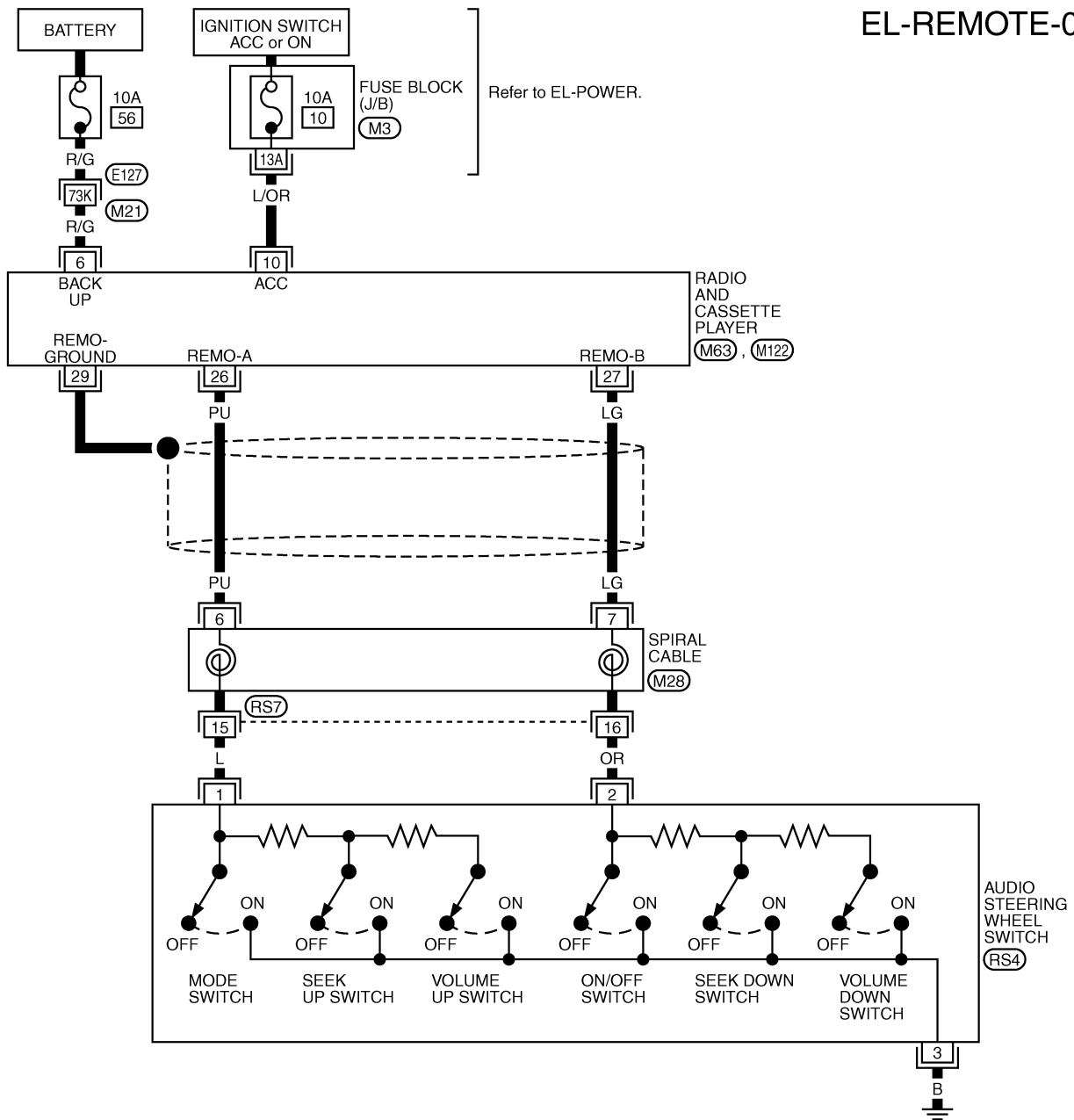
Refer to last page (Foldout page).

M20, B19  
M21, E127  
M3

# AUDIO/WAGON AND HARDTOP MODELS

## Wiring Diagram — REMOTE —

EL-REMOTE-01



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

Refer to last page (Foldout page).

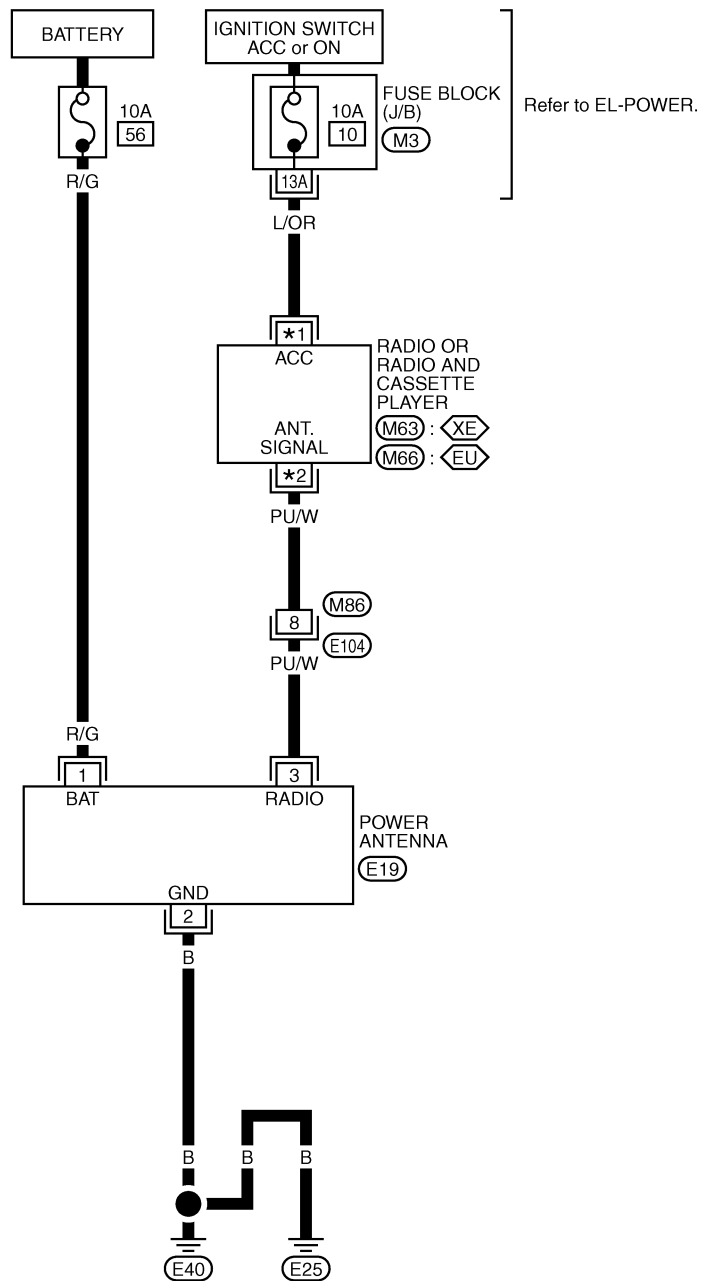
M21, E127

M3

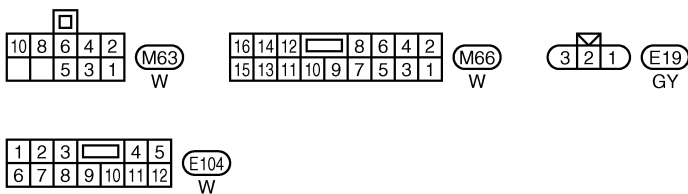
# AUDIO/WAGON AND HARDTOP MODELS

## Wiring Diagram — P/ANT —/LHD Models

EL-P/ANT-01



- EU : For Europe  
 XE : Except for Europe  
 \*1 6 : EU  
 10 : XE  
 \*2 14 : EU  
 5 : XE



Refer to last page (Foldout page).

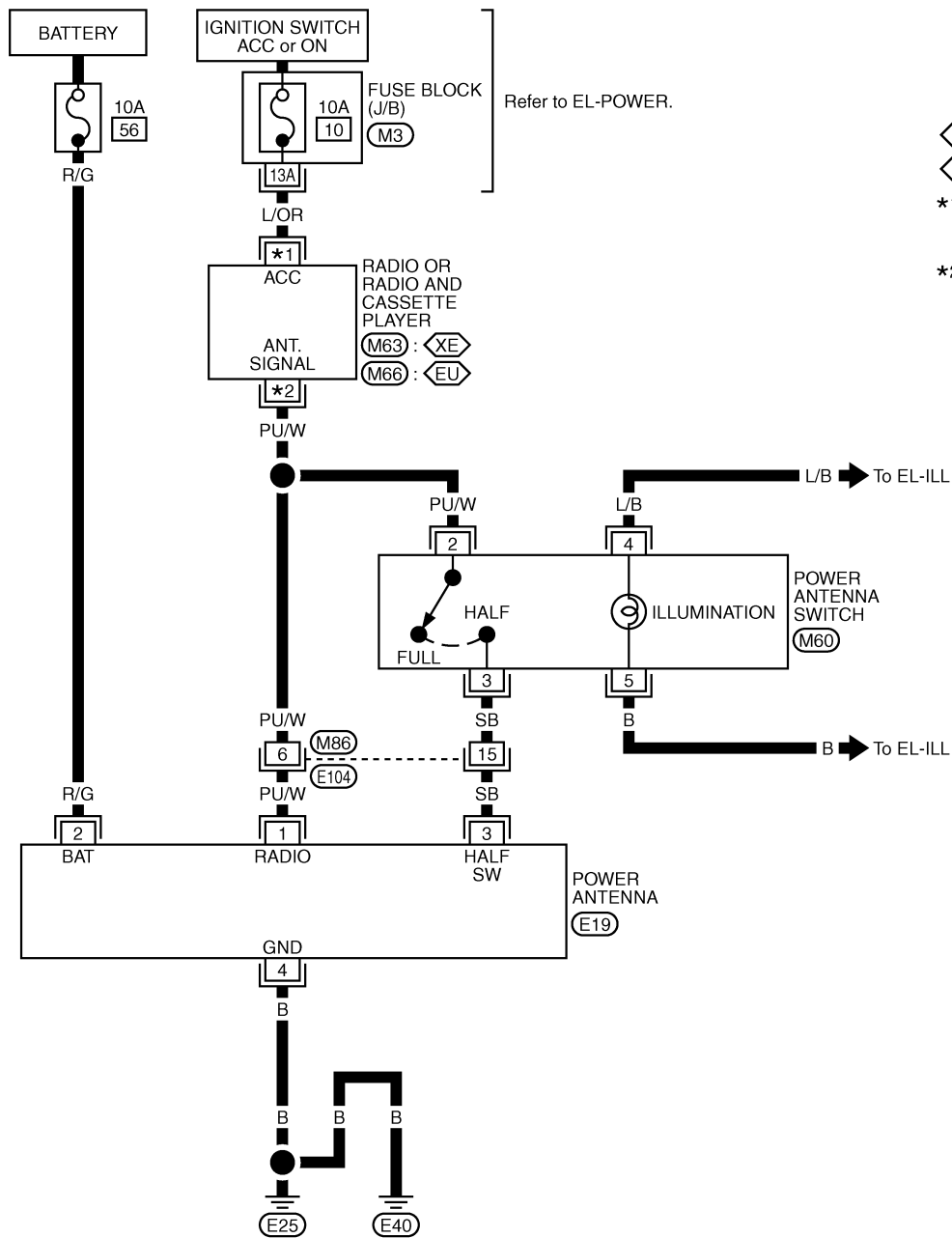
(M3)



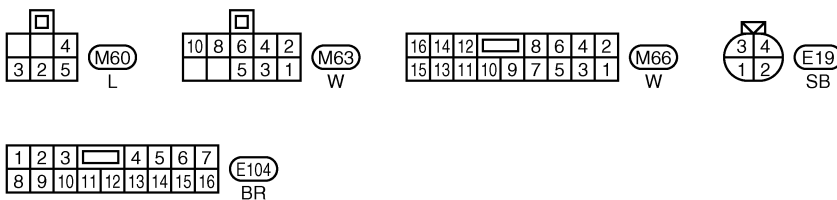
# AUDIO/WAGON AND HARDTOP MODELS

## Wiring Diagram — P/ANT —/RHD Models

EL-P/ANT-02



- (EU) : For Europe  
 (XE) : Except for Europe  
 \*1 6 : (EU)  
 10 : (XE)  
 \*2 14 : (EU)  
 5 : (XE)

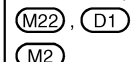


Refer to last page (Foldout page).

(M3)

## EL-MIRROR-01

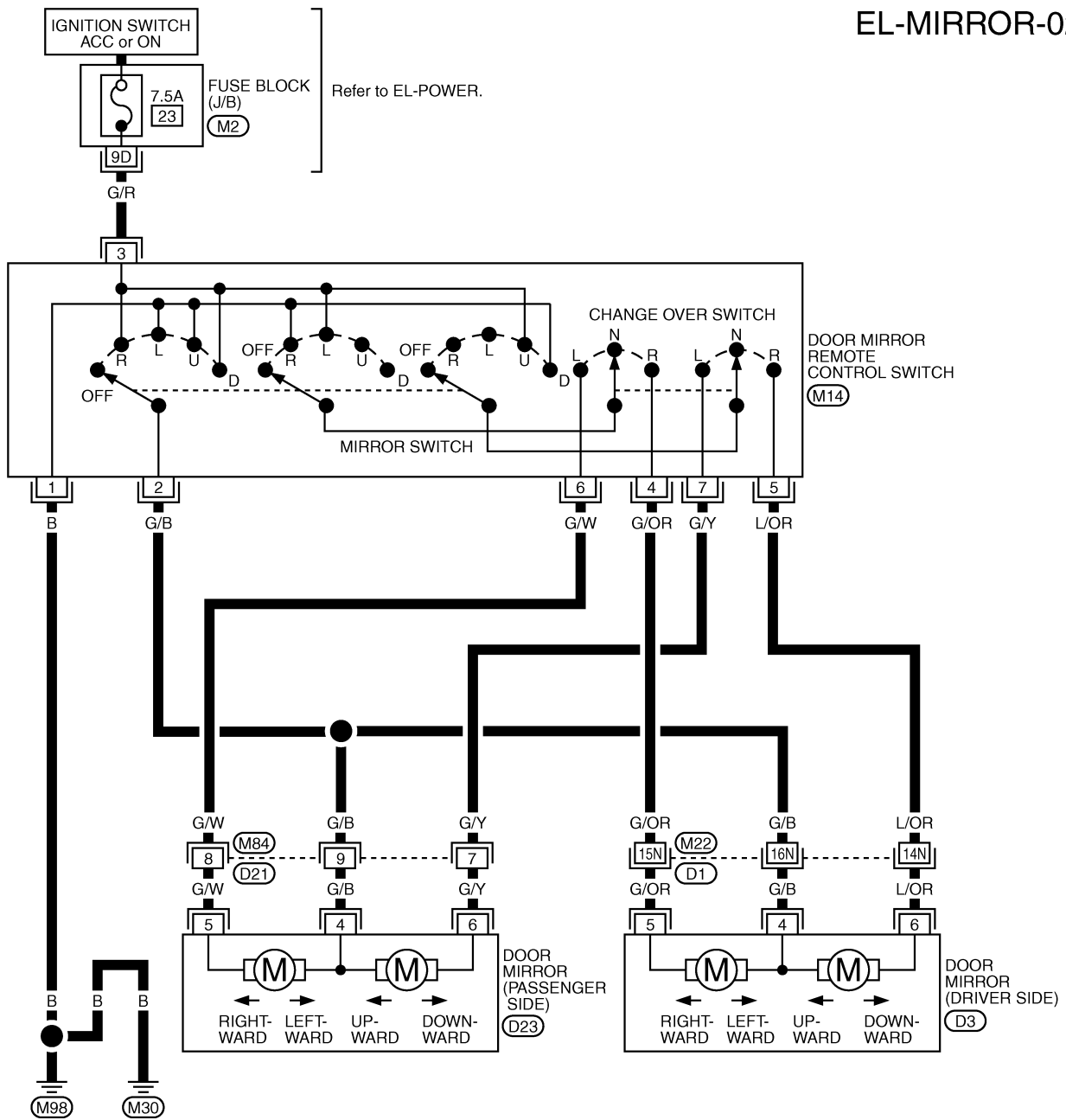
## EL-MIRROR-01



# POWER DOOR MIRROR/WAGON AND HARDTOP MODELS

## Wiring Diagram — MIRROR —/RHD Models

EL-MIRROR-02



7	6	5	4
3	2	1	

(M14)  
W

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

(M84)  
W

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

(D3), (D23)  
W, W

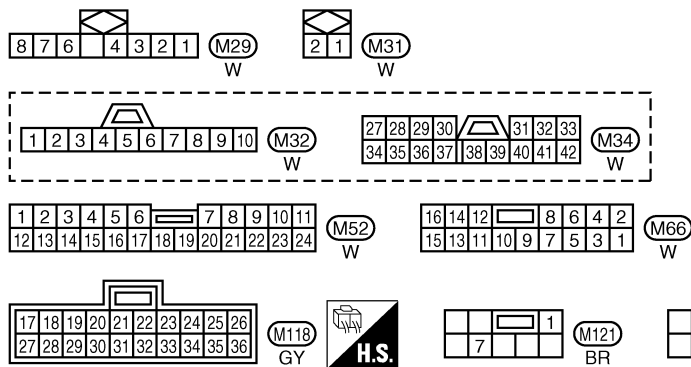
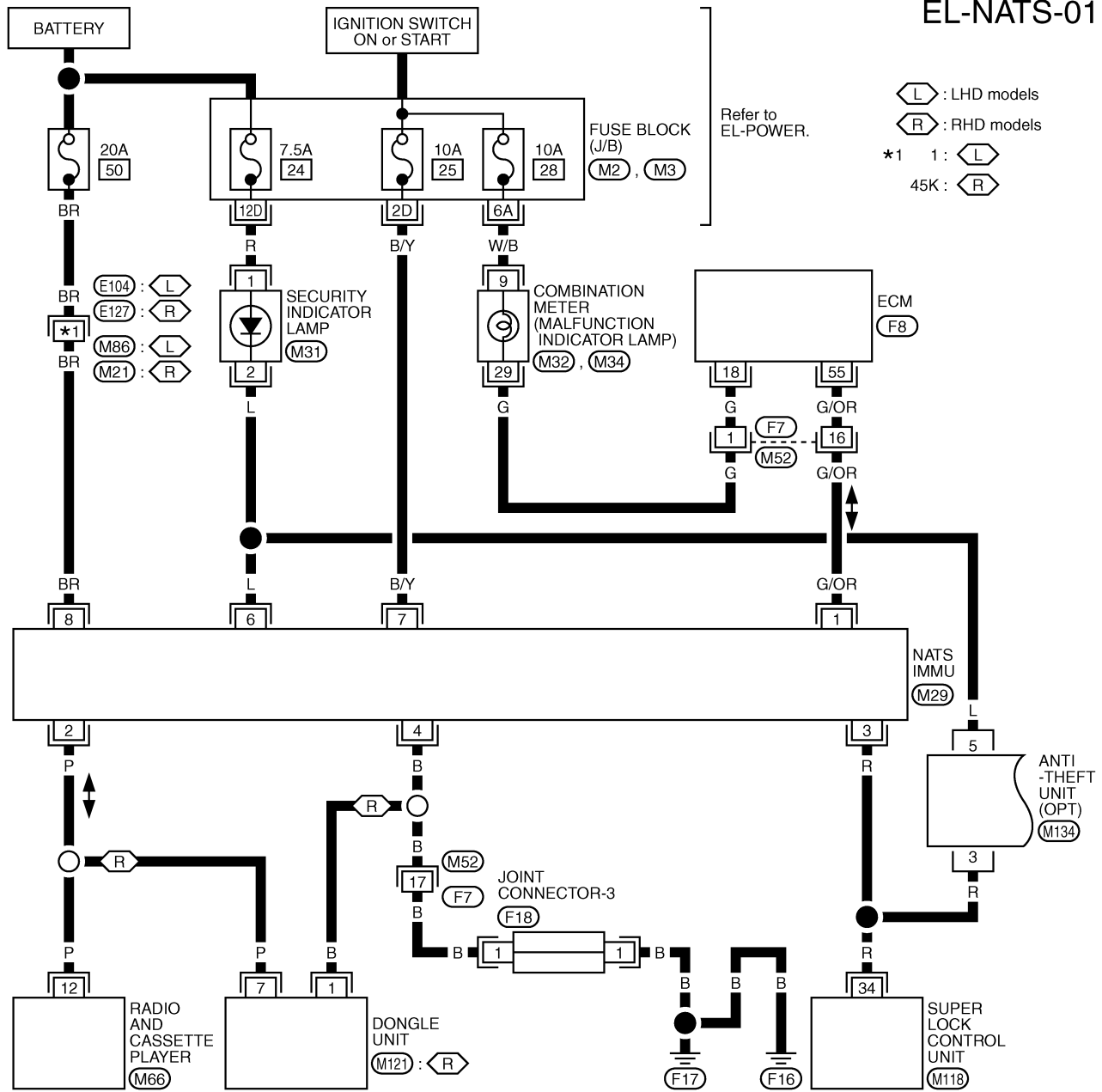
Refer to last page (Foldout page).

(M22), (D1)
(M2)

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

## Wiring Diagram — NATS —

EL-NATS-01



Refer to last page (Foldout page).

M21, E127

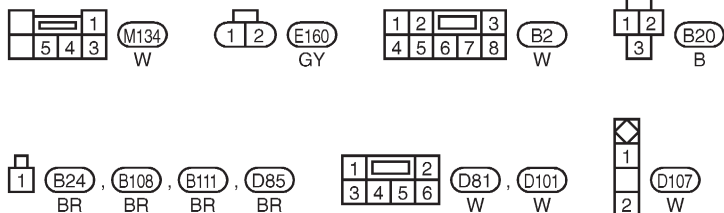
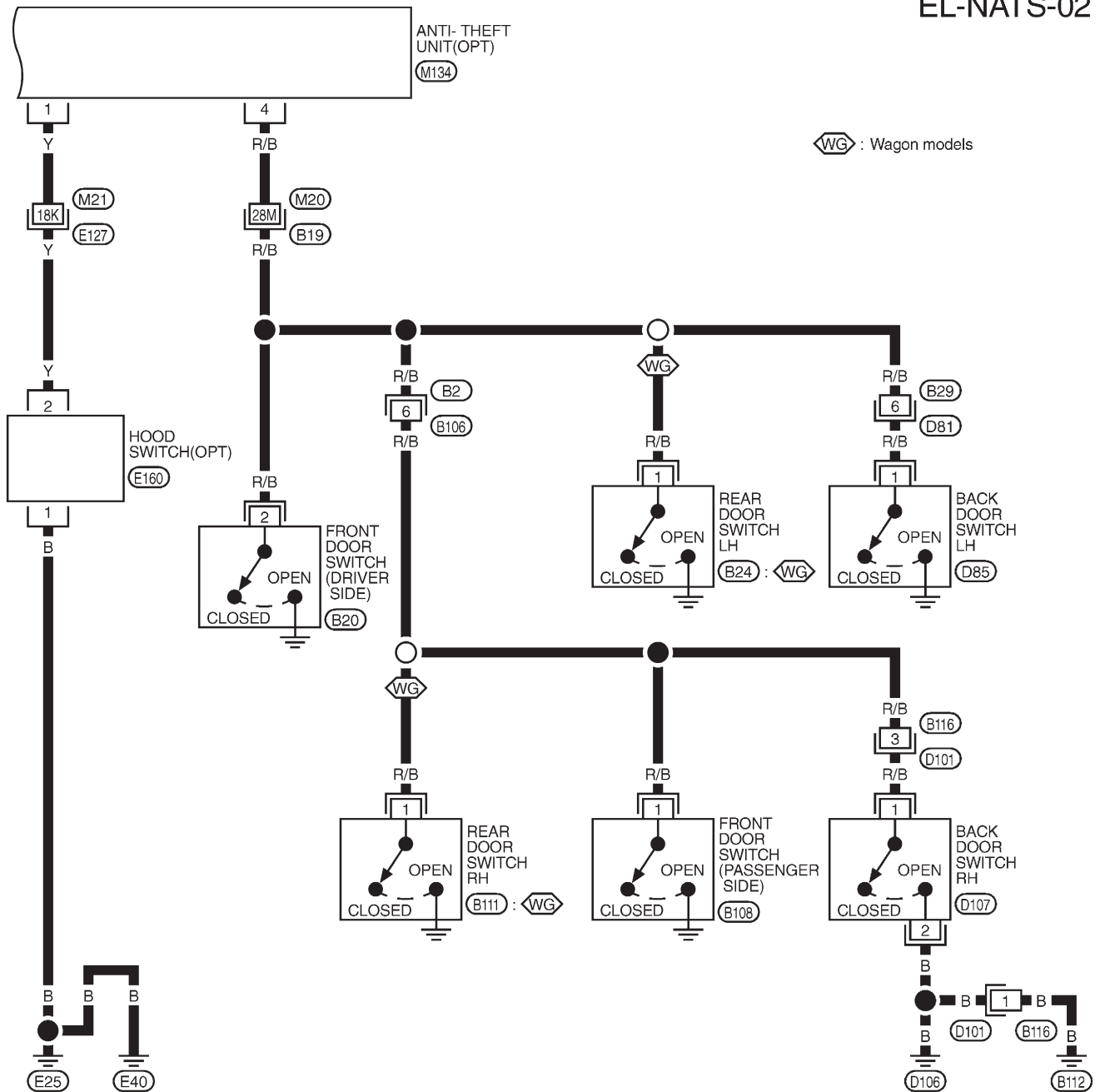
M2

M3

F8

## Wiring Diagram — NATS —/LHD Models

EL-NATS-02



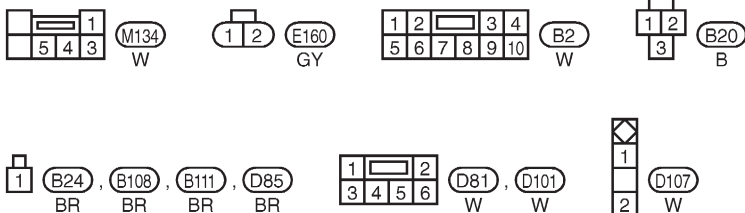
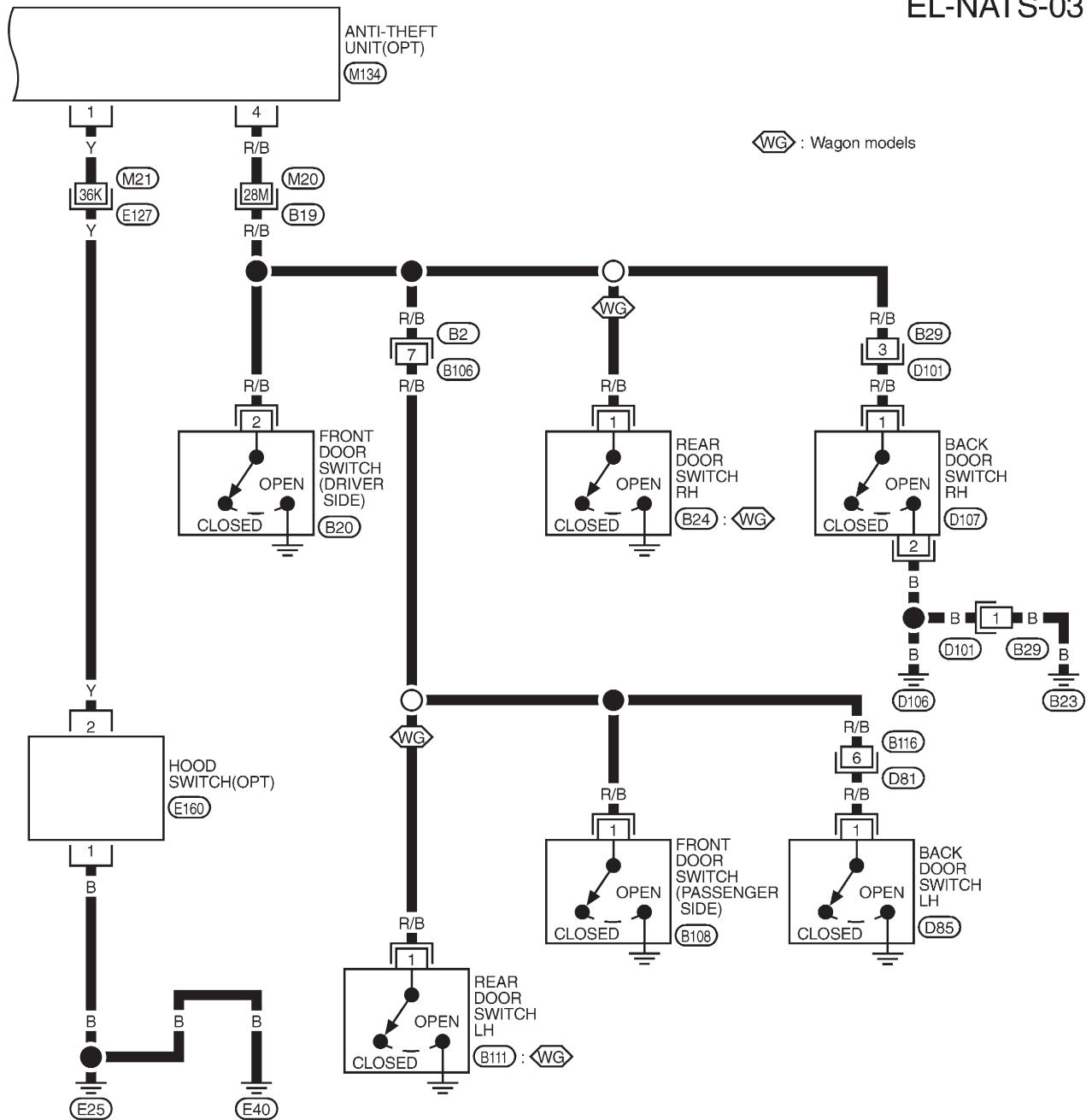
Refer to last page (Foldout page).

M20, B19  
M21, E127

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

## Wiring Diagram — NATS —/RHD Models

EL-NATS-03



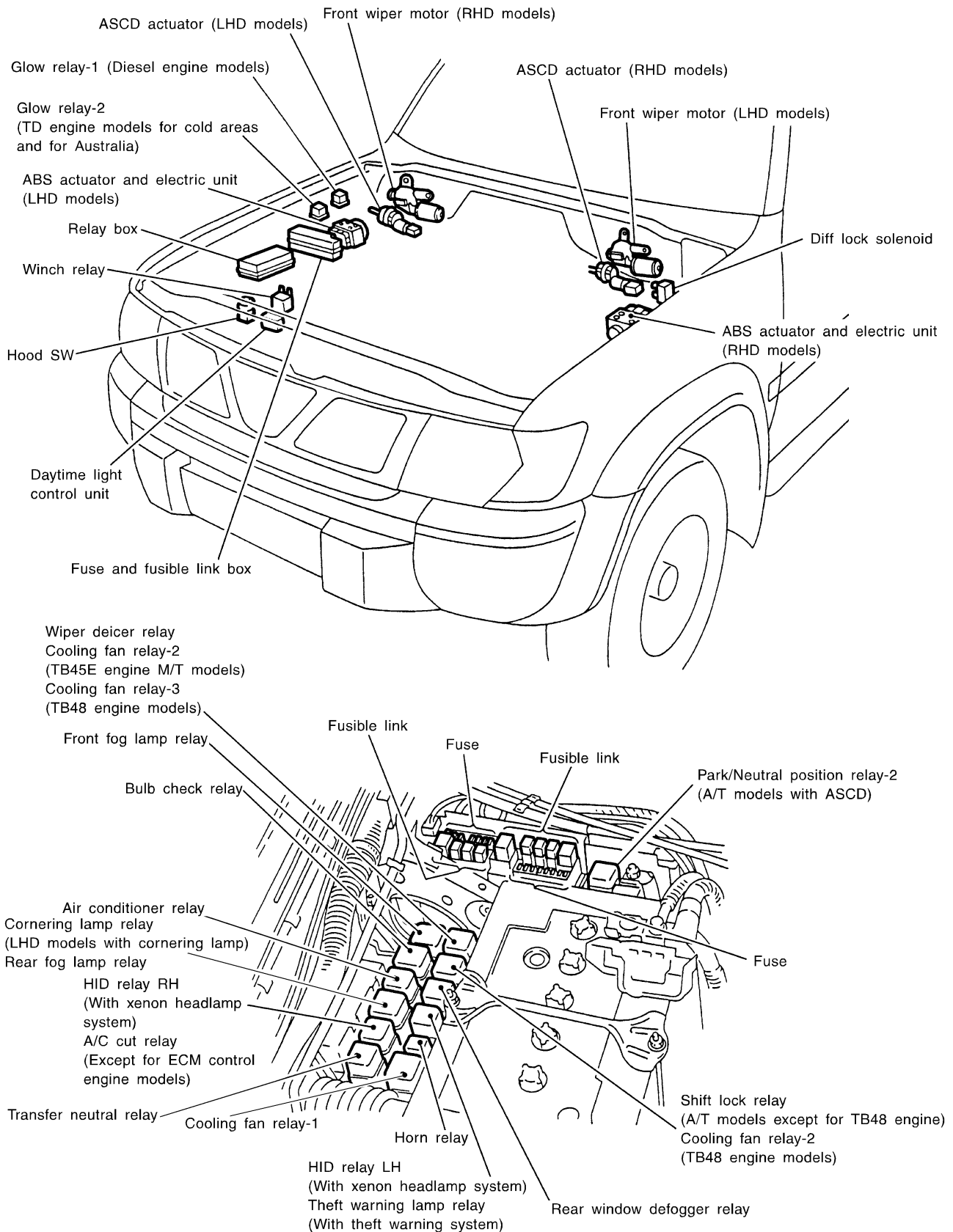
Refer to last page (Foldout page).

(M20), (B19)  
(M21), (E127)

TEL294M

# LOCATION OF ELECTRICAL UNITS/WAGON AND HARDTOP MODELS

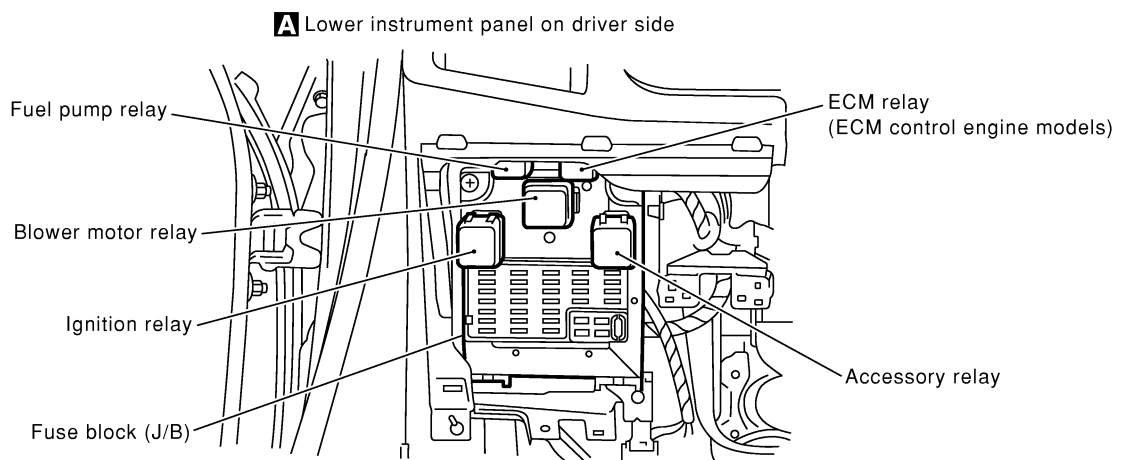
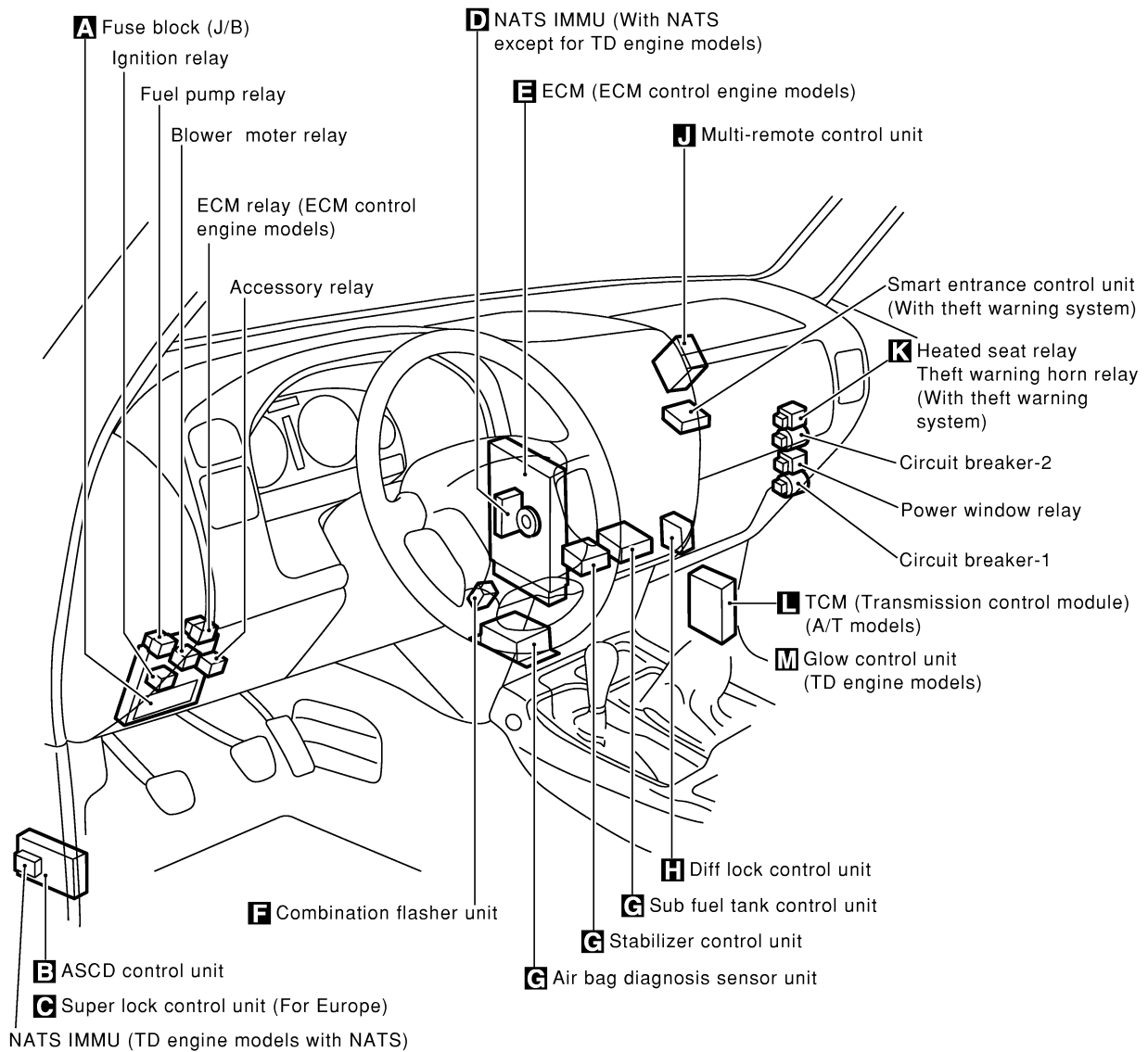
## Engine Compartment



CEL233M

# LOCATION OF ELECTRICAL UNITS/WAGON AND HARDTOP MODELS

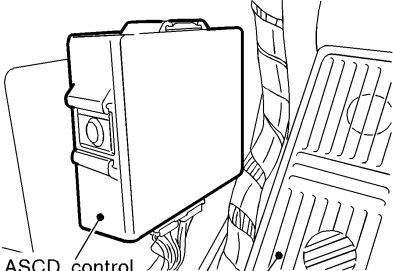
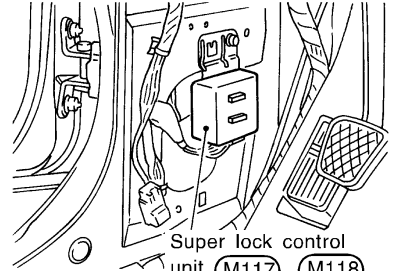
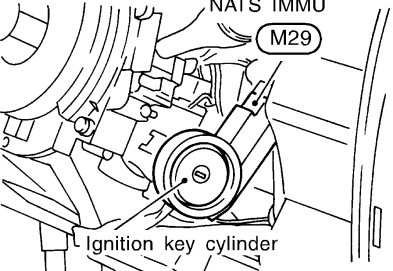
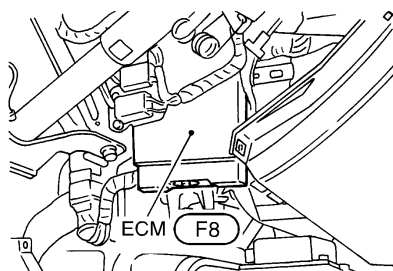
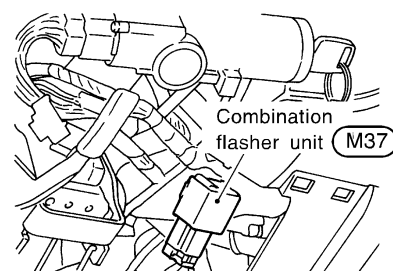
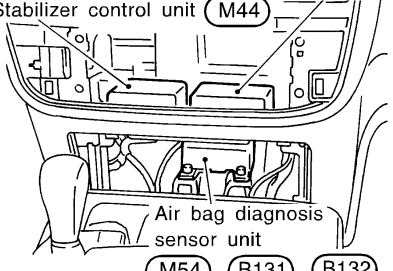
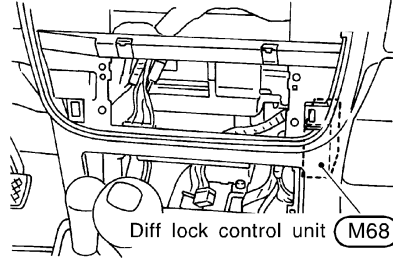
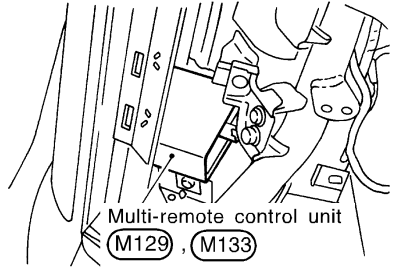
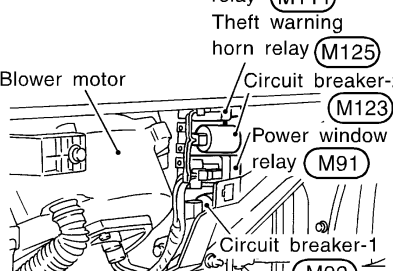
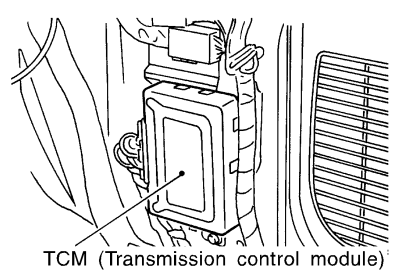
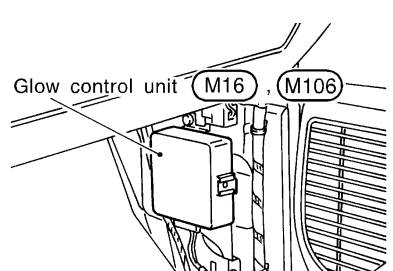
## Passenger Compartment — LHD Models





# LOCATION OF ELECTRICAL UNITS/WAGON AND HARDTOP MODELS

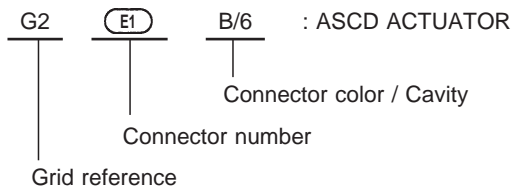
## Passenger Compartment — LHD Models (Cont'd)

<p><b>B</b> Driver side view with dash side lower finisher removed</p>  <p>ASCD control unit (M17)</p> <p>Footrest</p>	<p><b>C</b> Driver side view with dash side lower finisher removed</p>  <p>Super lock control unit (M117, M118)</p>	<p><b>D</b> With NATS except for TD engine models</p>  <p>NATS IMMU (M29)</p> <p>Ignition key cylinder</p>
<p><b>E</b> Driver side view with lower instrument panel removed</p>  <p>ECM (F8)</p>	<p><b>F</b> Driver side view lower instrument panel removed</p>  <p>Combination flasher unit (M37)</p>	<p><b>G</b></p>  <p>Sub fuel tank control unit (M69)</p> <p>Stabilizer control unit (M44)</p> <p>Air bag diagnosis sensor unit (M54, B131, B132)</p>
<p><b>H</b></p>  <p>Diff lock control unit (M68)</p>	<p><b>J</b> View with glove box assembly removed</p>  <p>Multi-remote control unit (M129, M133)</p>	<p><b>K</b> View with glove box assembly removed</p>  <p>Heated seat relay (M111)</p> <p>Theft warning horn relay (M125)</p> <p>Blower motor</p> <p>Circuit breaker-2 (M123)</p> <p>Power window relay (M91)</p> <p>Circuit breaker-1 (M92)</p>
<p><b>L</b> Passenger side view with dash side lower finisher removed</p>  <p>TCM (Transmission control module) (E101, E102)</p>	<p><b>M</b> Passenger side view with dash side lower finisher removed</p>  <p>Glow control unit (M16, M106)</p>	

# 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**

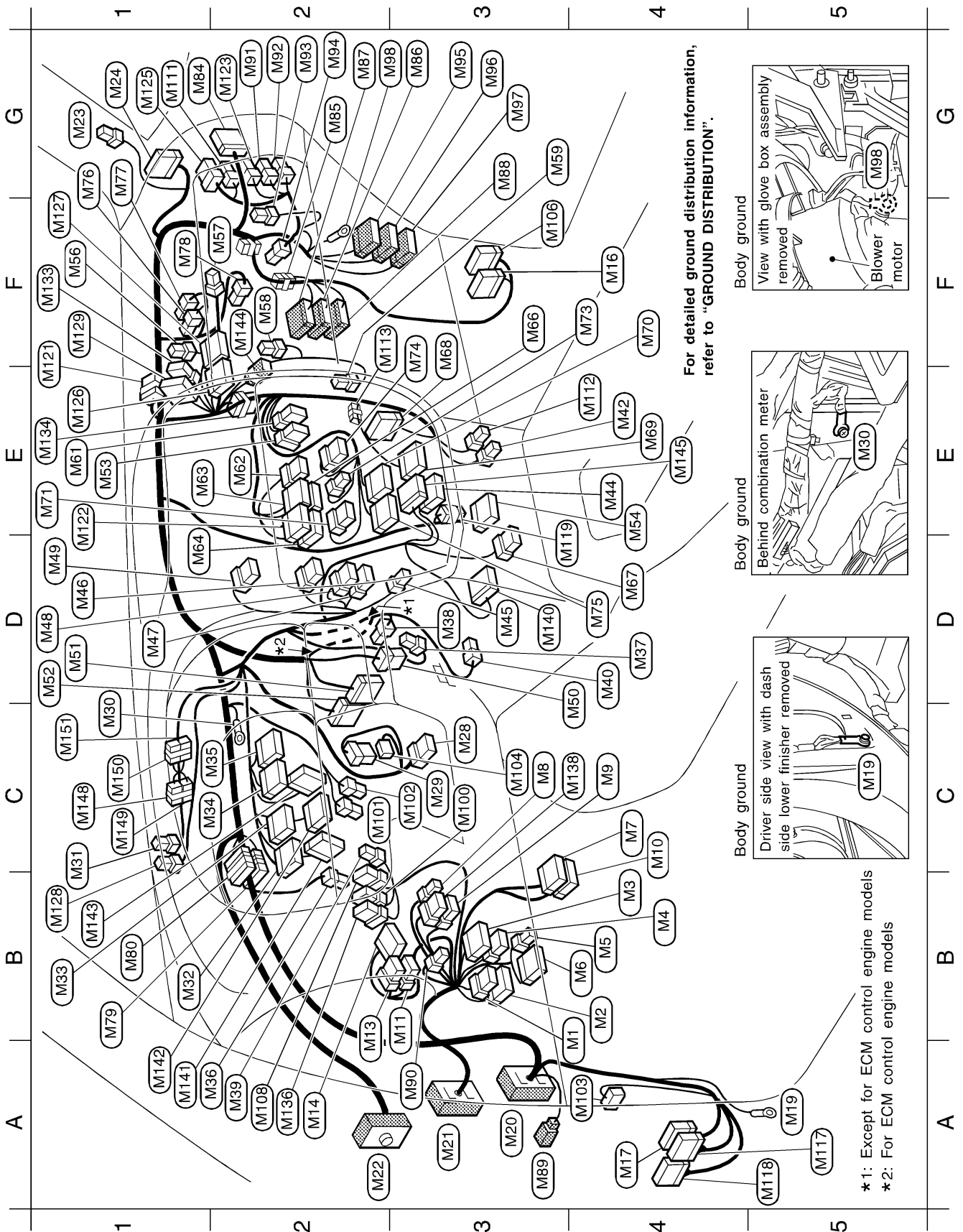
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### **How to Read Harness Layout (Cont'd)**

**NOTE**

# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

## Main Harness/LHD Models



\*1: Except for ECM control engine models  
\*2: For ECM control engine models

# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

## Main Harness/LHD Models (Cont'd)

B4	(M1)	W/8	: Fuse block (J/B)	D1	(M46)	W/6	: Rear window defogger switch
A4	(M2)	BR/16	: Fuse block (J/B)	D1	(M47)	BR/8	: Headlamp wiper switch
B4	(M3)	GY/16	: Fuse block (J/B)	D1	(M48)	BR/8	: Sub fuel tank switch
B4	(M4)	GY/8	: Fuse block (J/B)	D1	(M49)	W/8	: Hazard switch
B4	(M5)	B/2	: Fuse block (J/B)	D1	(M50)	W/6	: To (F5)
B4	(M6)	W/12	: Fuse block (J/B)	D1	(M51)	W/16	: To (F6)
C4	(M7)	GY/14	: Data link connector (With CONSULT-II)	D1	(M52)	W/24	: To (F7)
C3	(M8)	L/4	: ECM relay (TB45E engine models)	E1	(M53)	W/8	: Rear heater front switch
C4	(M9)	BR/6	: ECM relay (ZD engine models)	E4	(M54)	Y/20	: Air bag diagnosis sensor unit
C4	(M10)	W/16	: Data link connector (With CONSULT-II)	F1	(M56)	B/2	: Sunload sensor (With front auto A/C)
B3	(M11)	W/8	: Headlamp aiming switch	F2	(M57)	Y/2	: Air bag module (Passenger side) (With dual air bag system)
B2	(M13)	W/6	: Heat up switch	F2	(M58)	W/2	: Intake sensor (With front auto A/C)
B2	(M14)	W/10	: Door mirror remote control switch	G3	(M59)	W/3	: Thermo control amp.
F4	(M16)	W/12	: Glow control unit (TD engine models except for cold areas)	E1	(M61)	W/8	: Rear cooler front switch
A4	(M17)	BR/24	: ASCD control unit	E2	(M62)	W/6	: Radio and cassette player
A5	(M19)	—	: Body ground	E1	(M63)	W/10	: Radio and cassette player } (Except for Europe)
A3	(M20)	SMJ	: To (B19)	D1	(M64)	W/12	: Radio and cassette player (With CD autochanger)
A3	(M21)	SMJ	: To (E127)	F3	(M66)	W/16	: Radio and cassette player (For Europe)
A2	(M22)	SMJ	: To (D1)	D4	(M67)	BR/8	: Diff lock switch
G1	(M23)	W/3	: Tweeter RH	F3	(M68)	B/12	: Diff lock control unit
G1	(M24)	W/10	: To (R1)	E4	(M69)	BR/16	: Sub fuel tank control unit
C3	(M28)	Y/7	: Spiral cable	F4	(M70)	GY/16	: A/C auto amp. (With front auto A/C)
C3	(M29)	W/8	: NATS IMMU (With NATS except for TD engine models)	E1	(M71)	W/6	: Fan switch
C1	(M30)	—	: Body ground	F4	(M73)	W/3	: Fan switch illumination } (With front manual A/C)
C1	(M31)	W/2	: Security indicator lamp (With NATS except for China)	F3	(M74)	W/8	: Recirculation switch
B1	(M32)	W/10	: Combination meter } (For Europe)	D4	(M75)	GY/20	: A/C auto amp. } (With front auto A/C)
B1	(M33)	BR/16	: Combination meter	G1	(M76)	W/4	: Intake door motor
C1	(M34)	W/16	: Combination meter	G1	(M77)	W/4	: Intake door motor (With front manual A/C)
C1	(M35)	W/10	: Combination meter	F1	(M78)	W/4	: Fan control amp. (With front auto A/C)
A1	(M36)	L/2	: ASCD clutch switch (M/T models with ASCD)	B1	(M79)	W/20	: Joint connector-1
D4	(M37)	B/3	: Combination flasher unit	B1	(M80)	B/12	: Joint connector-2
D3	(M38)	W/3	: Mode door motor (With front auto A/C)	G1	(M84)	W/18	: To (D21)
A1	(M39)	W/3	: Illumination control switch	G2	(M85)	W/2	: Diode (With front manual A/C)
D4	(M40)	W/3	: Air mix door motor (With front auto A/C)	G3	(M86)	W/12	: To (E104)
E4	(M42)	B/2	: Cigarette lighter	G2	(M87)	W/16	: To (E105)
E4	(M44)	W/12	: Stabilizer control unit	G3	(M88)	W/24	: To (E106)
D3	(M45)	W/2	: In-vehicle sensor (With front auto A/C)	A3	(M89)	BR/1	: To (B58) (For Europe with rear cooler)

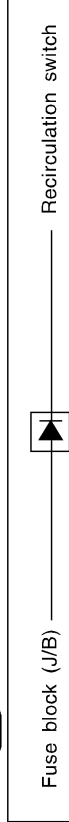
# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

## Main Harness/LHD Models (Cont'd)

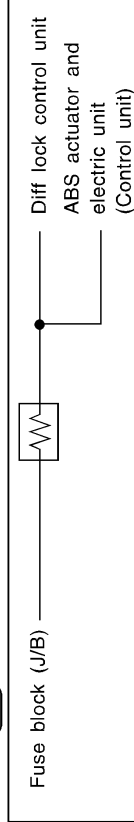
A3	(M90)	L/4	: Fuel pump relay (TB48 and TB45E engine models)
G2	(M91)	L/4	: Power window relay
G2	(M92)	W/2	: Circuit breaker-1
G2	(M93)	BR/4	: Blower resistor (With front manual A/C)
G2	(M94)	W/2	: Blower motor
G3	(M95)	W/10	: To (B104)
G3	(M96)	W/16	: To (B103)
G3	(M97)	W/12	: To (B102)
G3	(M98)	—	: Body ground
C3	(M100)	L/6	: Stabilizer switch
C2	(M101)	B/2	: Stop lamp switch
C3	(M102)	L/2	: ASCD brake switch
A1	(M103)	W/12	: NATS IMMU
C3	(M104)	W/4	: NATS antenna amp. } (TD engine models with NATS)
F3	(M106)	W/16	: Glow control unit (TD engine models for cold areas)
A2	(M108)	B/6	: Front fog lamp switch
G1	(M111)	L/4	: Heated seat relay
E4	(M112)	B/1	: Cigarette lighter illumination
F2	(M113)	W/2	: Resistor (With diff lock)
A5	(M117)	GY/16	: Super lock control unit
A5	(M118)	GY/20	: Super lock control unit
D3	(M119)	W/3	: Jumping connector
E1	(M121)	BR/8	: Not used
E1	(M122)	W/16	: Radio and cassette player
G2	(M123)	W/2	: Circuit breaker-2
G1	(M125)	BR/6	: Theft warning horn relay
E1	(M126)	W/18	: Smart entrance control unit
F1	(M127)	B/24	: Smart entrance control unit } (For China)
B1	(M128)	BR/2	: Security indicator lamp
F1	(M129)	W/16	: Multi-remote control unit (Except for Europe)
F1	(M133)	BR/8	: Multi-remote control unit } (For Europe)
E1	(M134)	W/6	: Anti-theft unit (Opt)
B2	(M136)	W/6	: Door lock and unlock switch (Without power window for Europe)
C4	(M138)	BR/6	: ECM Relay (TB48 engine models)
D3	(M140)	W/6	: Door lock relay (Except for Europe and China)

A1	(M141)	W/24	: Combination meter
A1	(M142)	BR/20	: Combination meter } (Except for Europe)
B1	(M143)	BR/24	: Combination meter
F2	(M144)	BR/2	: Not used
E4	(M145)	B/12	: Power steering control unit (TB48 engine models)
C1	(M148)	W/2	: Resistor
C1	(M149)	W/2	: Resistor } (TD engine models with theft warning system)
C1	(M150)	W/2	: Resistor
C1	(M151)	W/2	: Resistor

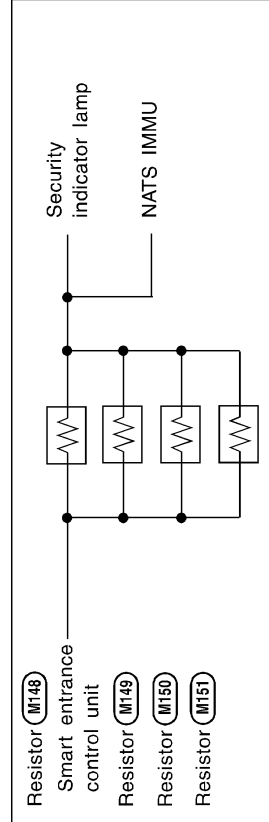
### Diode (M85)



### Resistor (M113)



### Resistor (M148), (M149), (M150), (M151)



## **HARNESS LAYOUT/WAGON AND HARDTOP MODELS**

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### **Main Harness/LHD Models (Cont'd)**

**NOTE**

## Main Harness/RHD Models





# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

## Main Harness/RHD Models (Cont'd)

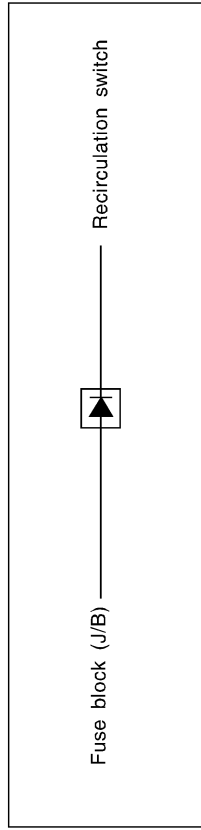
F4	(M1)	W/8	: Fuse block (J/B)	C4	(M44)	W/12	: Stabilizer control unit
E4	(M2)	BR/16	: Fuse block (J/B)	D4	(M45)	W/2	: In-vehicle sensor (With front auto A/C)
F4	(M3)	GY/16	: Fuse block (J/B)	D1	(M46)	W/6	: Rear window defogger switch
F4	(M4)	GY/8	: Fuse block (J/B)	E1	(M47)	BR/8	: Headlamp wiper switch
F4	(M5)	B/2	: Fuse block (J/B)	D1	(M48)	BR/6	: Sub fuel tank switch
E4	(M6)	W/12	: Fuse block (J/B)	D1	(M49)	W/8	: Hazard switch
E3	(M7)	GY/14	: Data link connector (TD engine models for Australia)	E2	(M50)	W/6	: To (F5)
F1	(M8)	L/4	: ECM relay (TB45E engine models)	D2	(M51)	W/16	: To (F6)
G2	(M9)	BR/6	: ECM relay (ZD engine models)	E2	(M52)	W/24	: To (F7)
E4	(M10)	W/16	: Data link connector (Except for TD engine models for Australia)	C1	(M53)	W/8	: Rear heater front switch
D4	(M11)	W/8	: Headlamp aiming switch	C3	(M54)	Y/20	: Air bag diagnosis sensor unit
G2	(M13)	W/6	: Heat up switch	B1	(M56)	B/2	: Sunload sensor (With front auto A/C)
F1	(M14)	W/10	: Door mirror remote control switch	A1	(M57)	Y/2	: Air bag module (Passenger side) (With dual air bag system)
G4	(M15)	L/4	: ASCD hold relay	B2	(M58)	W/2	: Intake sensor (With front auto A/C)
G4	(M16)	W/12	: Glow control unit (TD engine models except for Australia)	B2	(M59)	W/3	: Thermo control amp.
G4	(M17)	B/20	: ASCD control unit	C2	(M60)	L/6	: Power antenna switch
A2	(M19)	—	: Body ground	C1	(M61)	W/8	: Rear cooler front switch
G3	(M20)	SMJ	: To (B19)	D1	(M62)	W/6	: Radio and cassette player
G3	(M21)	SMJ	: To (E127)	C1	(M63)	W/10	: Radio or radio and cassette player } (Except for Europe)
G2	(M22)	SMJ	: To (D1)	C2	(M64)	W/12	: Radio and cassette player (With CD autochanger)
G1	(M23)	W/3	: Tweeter RH	D1	(M66)	W/16	: Radio and cassette player (For Europe)
G2	(M24)	W/10	: To (R1)	C4	(M67)	BR/8	: Diff lock switch
G3	(M25)	BR/3	: Accelerator position sensor	B3	(M68)	B/12	: Diff lock control unit
F5	(M26)	GY/3	: Accelerator position switch	C4	(M69)	BR/16	: Sub fuel tank control unit
G3	(M27)	W/3	: Accelerator switch (F/C)	C3	(M70)	GY/16	: A/C auto amp. (With front auto A/C)
E3	(M28)	Y/7	: Spiral cable	D1	(M71)	W/6	: Fan switch
E2	(M29)	W/8	: NATS IMMU (With NATS)	C3	(M73)	W/3	: Fan switch illumination } (With front manual A/C)
E2	(M30)	—	: Body ground	B3	(M74)	W/8	: Recirculation switch
E1	(M31)	W/2	: Security indicator lamp (With NATS)	D1	(M75)	GY/20	: A/C auto amp. } (With front auto A/C)
E1	(M32)	W/10	: Combination meter	B1	(M76)	W/4	: Intake door motor
E1	(M33)	BR/16	: Combination meter	B1	(M77)	W/4	: Intake door motor (With front manual A/C)
E2	(M34)	W/16	: Combination meter	A1	(M78)	W/4	: Fan control amp. (With front auto A/C)
E1	(M35)	W/10	: Combination meter	B1	(M79)	W/20	: Joint connector-1
D3	(M36)	L/2	: ASCD clutch switch (M/T models with ASCD)	B1	(M80)	B/12	: Joint connector-2
E3	(M37)	B/3	: Combination flasher unit	A1	(M83)	W/3	: Tweeter LH
D3	(M38)	W/3	: Mode door motor (With front auto A/C)	A2	(M84)	W/18	: To (D21)
E3	(M39)	W/3	: Illumination control switch	A1	(M85)	W/2	: Diode (With front manual A/C)
D4	(M40)	W/3	: Air mix door motor (With front auto A/C)	A3	(M86)	BR/16	: To (E104)
C4	(M41)	W/18	: Smart entrance control unit	A2	(M87)	W/16	: To (E105)
C4	(M42)	B/2	: Cigarette lighter	B3	(M88)	W/24	: To (E106)

# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

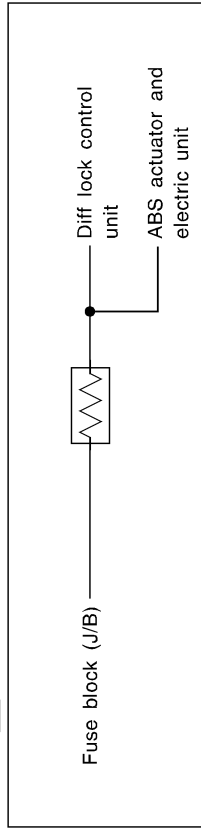
## Main Harness/RHD Models (Cont'd)

F3	(M90)	L/4	: Fuel pump relay (TB45E 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)
B3	(M94)	W/2	: Blower motor
A3	(M95)	W/16	: To (B101)
A3	(M96)	W/20	: To (B102)
A3	(M97)	W/16	: To (B103)
G5	(M98)	—	: Body ground
B3	(M99)	W/6	: To (B104)
E1	(M100)	L/6	: Stabilizer switch
E3	(M101)	B/2	: Stop lamp switch
E3	(M102)	L/2	: ASCD brake switch
C1	(M103)	W/12	: NATS IMMU
E2	(M104)	W/4	: NATS antenna amp. } (TD engine models for Australia)
G4	(M105)	W/16	: Grow control unit
F2	(M106)	B/6	: Front fog lamp switch
C3	(M107)	W/10	: Cornering lamp relay unit
A1	(M108)	L/4	: Heated seat relay
D4	(M109)	B/1	: Cigarette lighter illumination
B2	(M110)	W/2	: Resistor (With diff lock)
G4	(M111)	GY/16	: Super lock control unit
G4	(M112)	GY/20	: Super lock control unit
C2	(M113)	BR/8	: Dongle unit
A2	(M114)	W/2	: Circuit breaker-2
B2	(M115)	W/16	: Multi-remote control unit (Except for Europe and South Africa)
B1	(M116)	BR/8	: Multi-remote control unit (For Europe and South Africa)
C1	(M117)	W/6	: Anti-theft unit (Opt)
E1	(M118)	W/6	: Door lock and unlock switch (Without power window for Europe)

Diode (M85)



Resistor (M113)



## **HARNESS LAYOUT/WAGON AND HARDTOP MODELS**

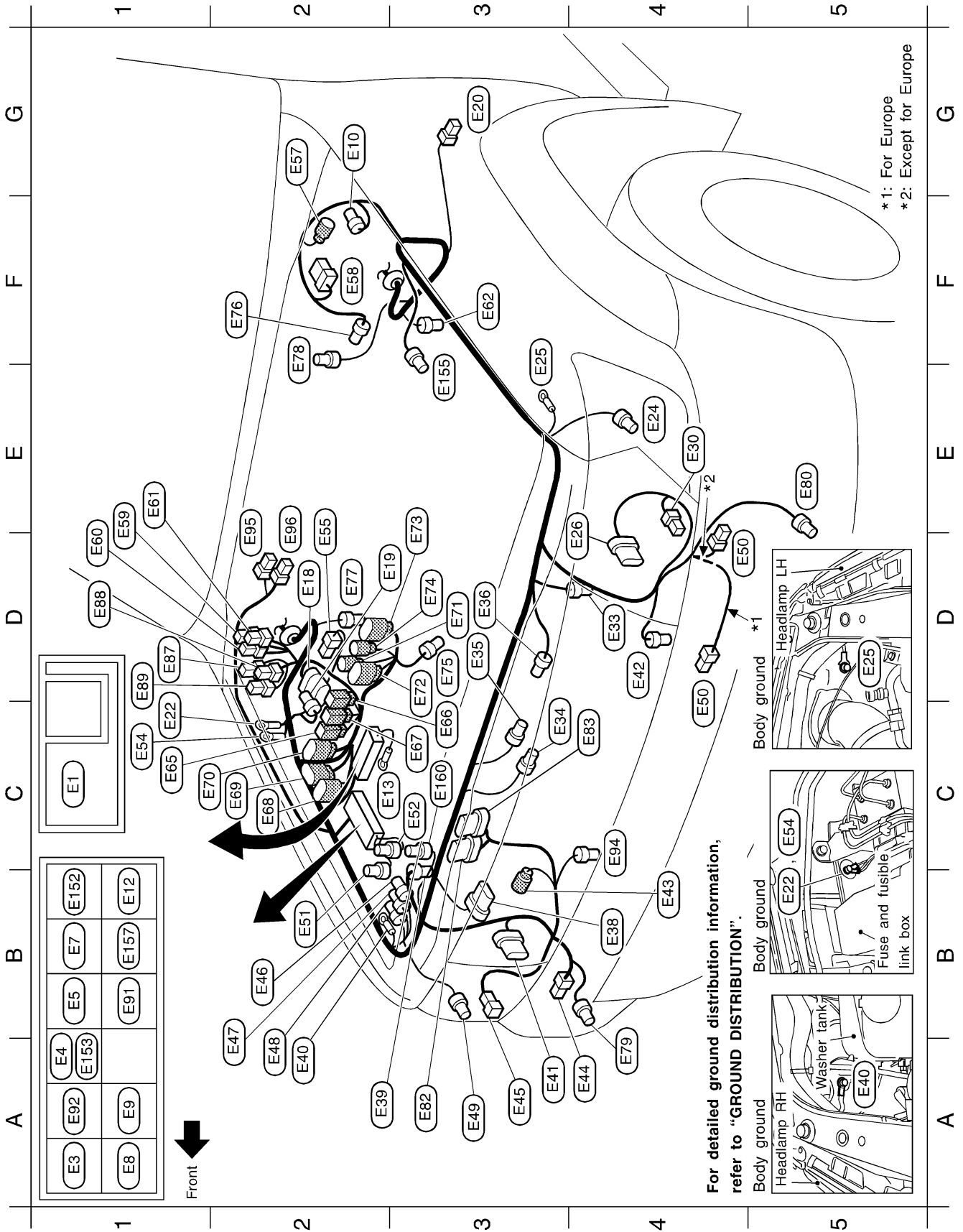
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### **Main Harness/RHD Models (Cont'd)**

**NOTE**

# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

## Engine Room Harness/LHD Models



# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

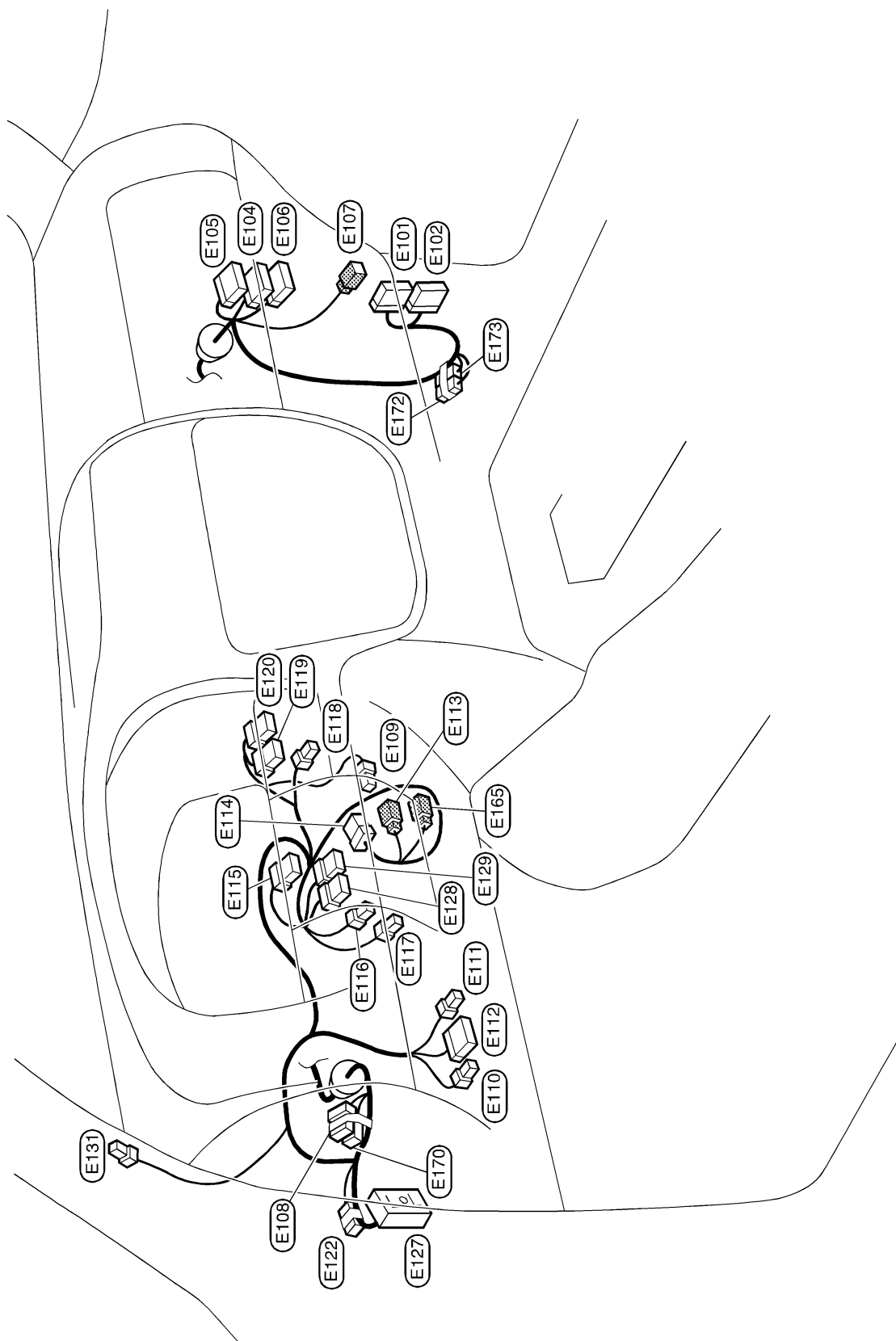
## Engine Room Harness/LHD Models (Cont'd)

C1	(E1)	—	: Fuse and fusible link box	E1	(E61)	W/1	: Grow 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)	L/4	: Bulb check relay	C3	(E67)	R/2	: To (E223)
A1	(E8)	L/4	: Cooling fan relay-1	C2	(E68)	SB	: To (E222) (TD engine models)
A1	(E9)	W/3	: Horn relay	C2	(E69)	GY	: To (E202)
G2	(E10)	SB	: Diff lock solenoid	C2	(E70)	GY/10	: To (E201)
B1	(E12)	L/4	: Wiper deicer relay	D3	(E71)	GY/3	: Revolution sensor
C2	(E13)	—	: Battery (+)	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
C1	(E22)	—	: Body ground (With ABS)	F2	(E76)	GY/2	: Brake fluid level switch
E4	(E24)	SB	: 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
D4	(E33)	GY/4	: Headlamp wiper motor LH	A3	(E82)	GY/8	: Daytime light control unit
C3	(E34)	B/2	: Ambient air temperature sensor (With compass and thermometer)	C4	(E83)	GY/6	: Daytime light control unit
D3	(E35)	B/2	: Ambient sensor (With front auto A/C)	D1	(E87)	G/2	: Grow relay-2
D3	(E36)	GY/4	: Cooling fan motor-1	D1	(E88)	W/1	: Grow relay-2
B4	(E38)	GY/6	: Headlamp wiper motor RH	D1	(E89)	W/1	: Grow relay-2
A2	(E39)	B/2	: Dual-pressure switch	B1	(E91)	BR/6	: Rear window defogger relay
A2	(E40)	—	: Body ground	A1	(E92)	B/5	: A/C cut relay
A4	(E41)	SB/6	: Headlamp aiming motor RH	C4	(E94)	GY/2	: Engine coolant temperature switch-1
D4	(E42)	GY/2	: Engine coolant temperature switch-2 (TD engine models with A/C)	D2	(E95)	B/1	: IACV-FICD solenoid valve
B4	(E43)	GY/2	: To (E181) (With electrical winch)	D2	(E96)	B/1	: IACV-FICD solenoid valve
B4	(E44)	B/1	: Horn low	B1	(E152)	L/4	: Front fog lamp relay
A3	(E45)	B/3	: Headlamp RH	A1	(E153)	L/4	: Rear fog lamp relay
B2	(E46)	GY/2	: Front washer motor	E3	(E155)	B/2	: Exhaust gas control valve control solenoid valve
A2	(E47)	BR/2	: Rear washer motor	B1	(E157)	B/5	: Shift lock relay (A/T models)
A2	(E48)	GY/2	: Headlamp washer motor	C3	(E160)	GY/2	: Hood switch (Opt) (For Europe)
A3	(E49)	SB	: Front combination lamp RH				
D4	(E50)	B/1	: Horn high				
B2	(E51)	BR/2	: Park/Neutral position relay-1				
C3	(E52)	BR/2	: Park/Neutral position relay-1				
C1	(E54)	—	: Body ground				
D2	(E55)	B/2	: Side turn signal lamp RH				
G2	(E57)	B/2	: Wiper deicer				
F2	(E58)	W/6	: Front wiper motor				
E1	(E59)	G/2	: Grow relay-1				
E1	(E60)	W/1	: Grow relay-1				

## HARNESS LAYOUT/WAGON AND HARDTOP MODELS

### Engine Room Harness/LHD Models (Cont'd)

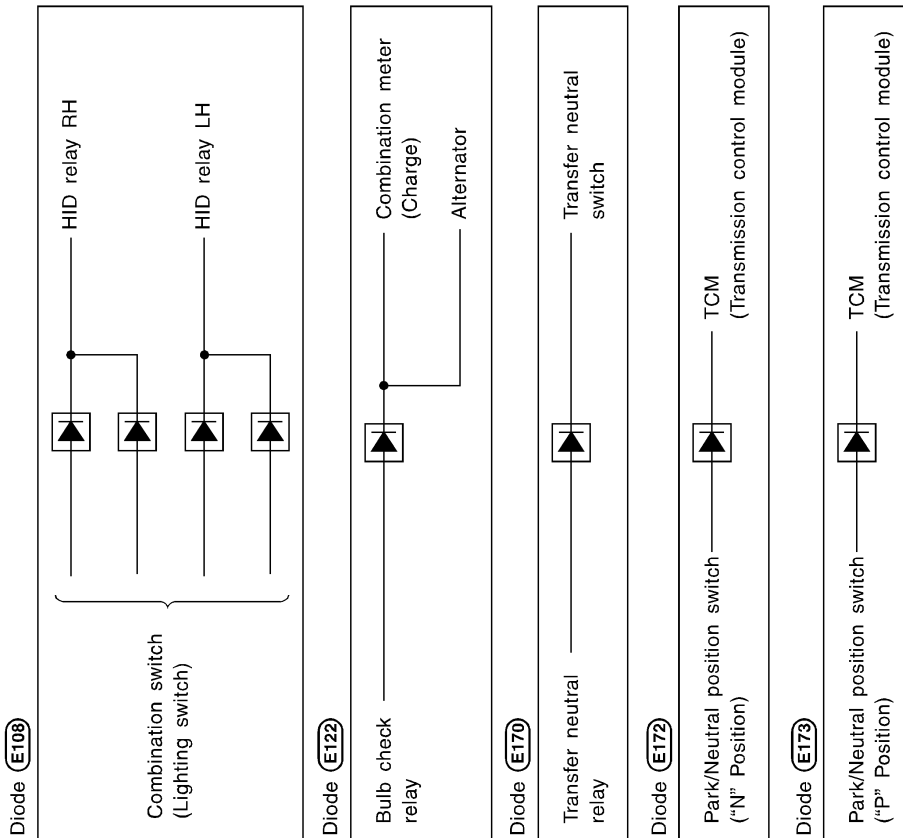
#### PASSENGER COMPARTMENT



CEL246M

# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

## Engine Room Harness/LHD Models (Cont'd)

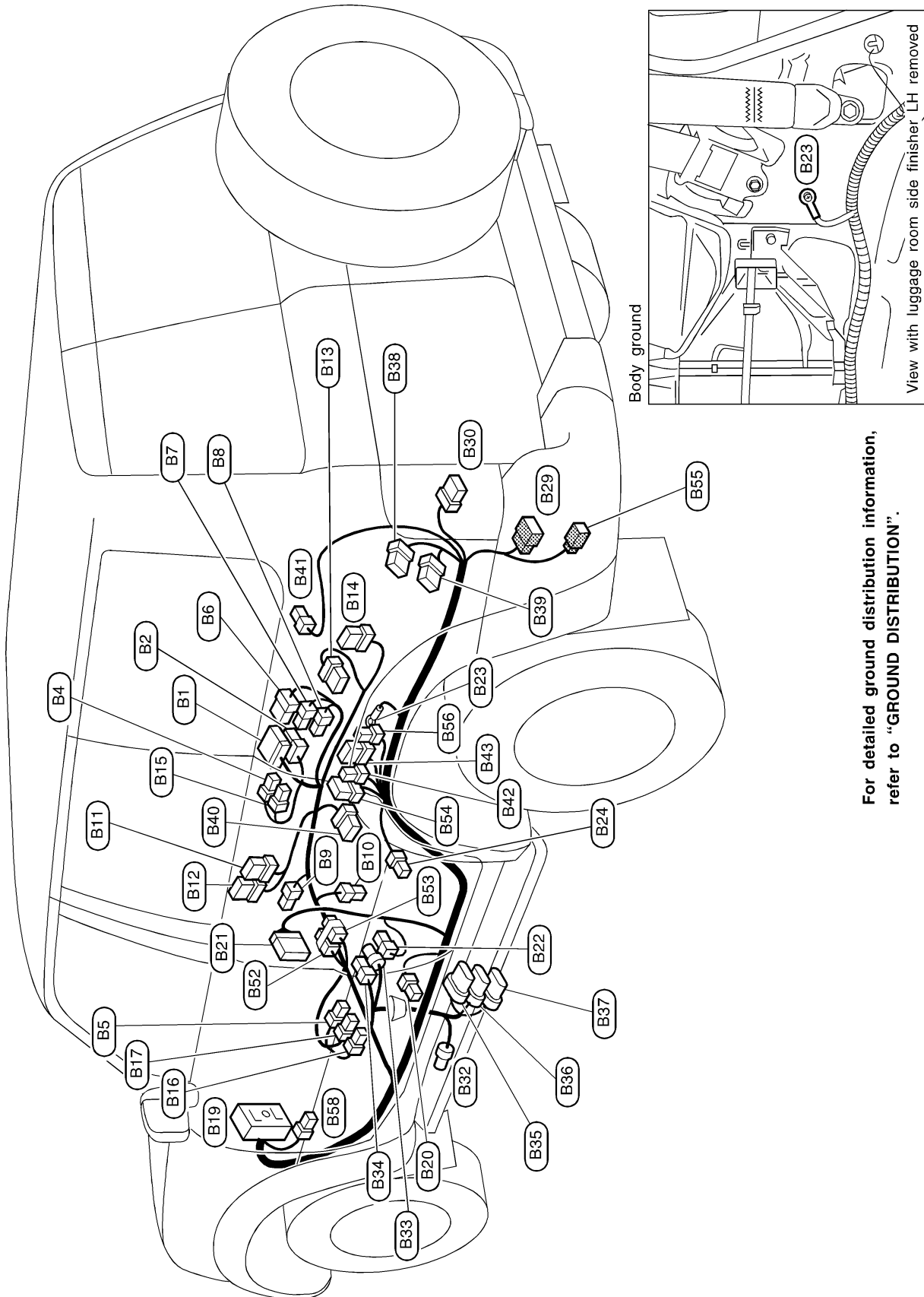


(E101)	W/24	: TCM (Transmission control module)
(E102)	GY/24	: TCM (Transmission control module)
(E104)	W/12	: To (M86)
(E105)	W/16	: To (M87)
(E106)	W/24	: To (M88)
(E107)	W/2	: To (B101)
(E108)	L/10	: Diode (With xenon headlamp system)
(E109)	B/1	: Horn switch (Without air bag)
(E110)	B/2	: Fuse block (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)
(E119)	GY/8	: Combination switch (Front wiper switch)
		(Without intermittent wiper)
(E120)	GY/8	: Combination switch (Front wiper switch)
		(With intermittent wiper)
(E122)	W/2	: Diode
(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
(E172)	W/2	: Diode } (A/T models)
(E173)	W/2	: Diode }

# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

## Body Harness/LHD Models

### WAGON

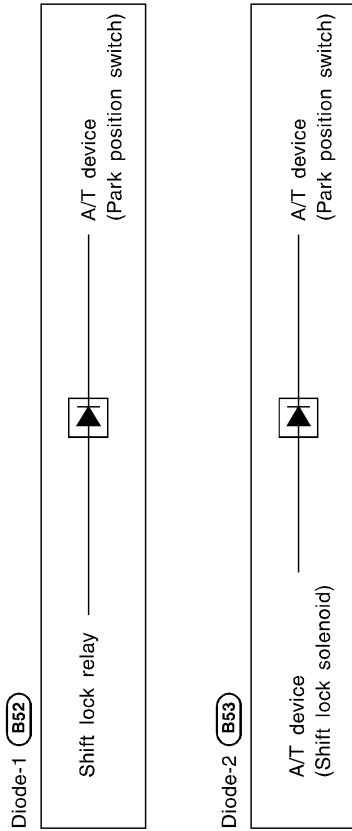




# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

## Body Harness/LHD Models (Cont'd)

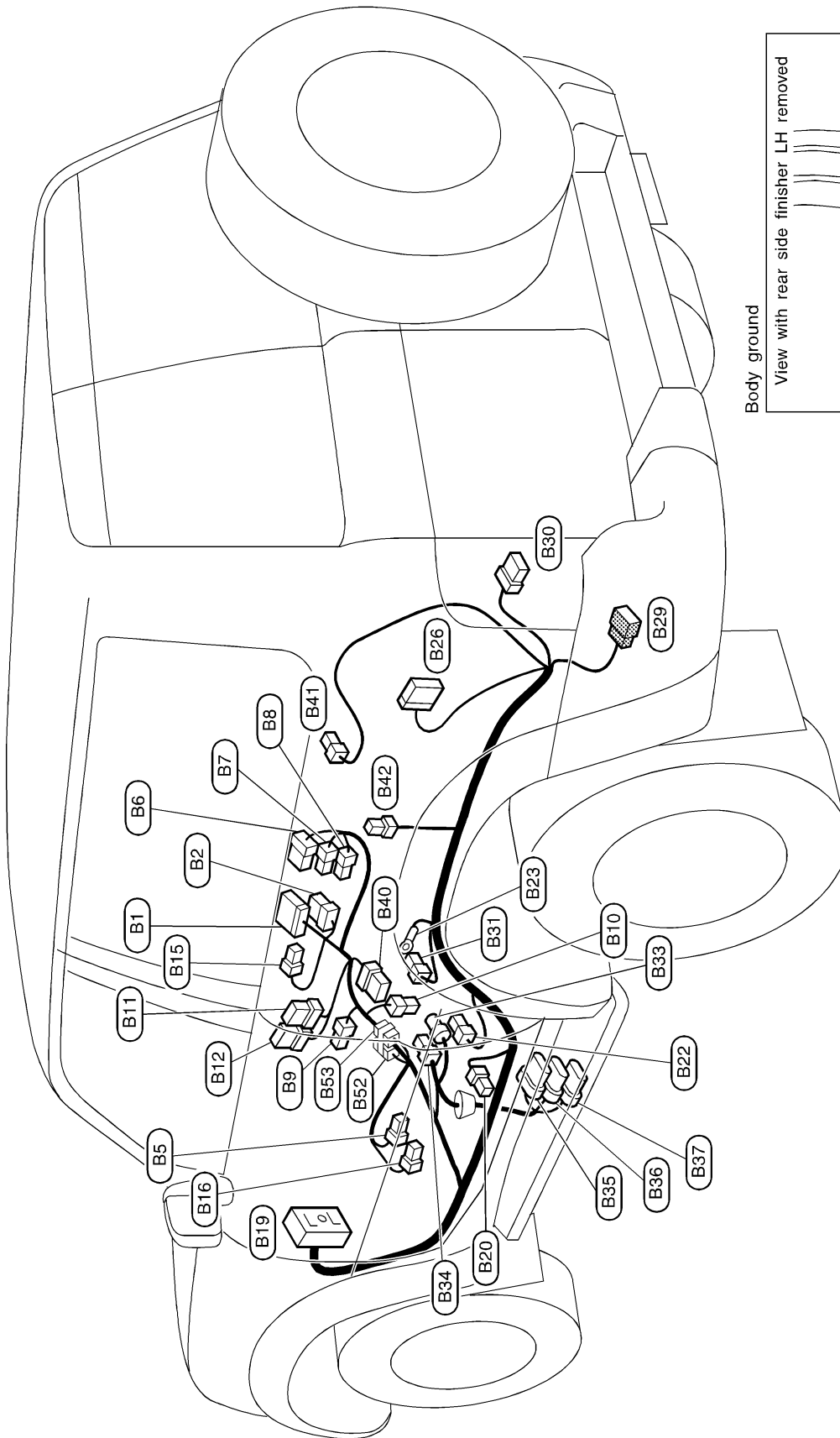
<b>B1</b>	W/12	: To <b>B105</b>
<b>B2</b>	W/8	: To <b>B106</b>
<b>B4</b>	W/2	: Power seat (Passenger side)
<b>B5</b>	W/3	: Heated seat LH
<b>B6</b>	W/6	: Wiper deicer switch
<b>B7</b>	W/4	: Heated seat switch LH
<b>B8</b>	L/4	: Heated seat switch RH
<b>B9</b>	W/3	: Ashtray illumination
<b>B10</b>	B/1	: Parking brake switch
<b>B11</b>	W/8	: A/T device
<b>B12</b>	W/8	: A/T mode switch
<b>B13</b>	W/6	: Rear cooler switch
<b>B14</b>	W/6	: Rear fan switch
<b>B15</b>	W/3	: Heated seat RH
<b>B16</b>	W/3	: Seat belt buckle switch
<b>B17</b>	W/2	: Power seat (Driver side)
<b>B19</b>	SMJ	: To <b>M20</b>
<b>B20</b>	B/3	: Front door switch (Driver side)
<b>B21</b>	W/18	: To <b>D41</b>
<b>B22</b>	Y/2	: Seat belt pre-tensioner (Driver side)
<b>B23</b>	—	: Body ground
<b>B24</b>	BR/1	: Rear door switch LH
<b>B29</b>	W/6	: To <b>D81</b>
<b>B30</b>	BR/6	: Rear combination lamp LH
<b>B32</b>	GY/2	: Rear cooler solenoid valve
<b>B33</b>	BR/2	: G sensor (For Europe with ABS)
<b>B34</b>	GY/2	: G sensor (With ABS)
<b>B35</b>	GY/8	: To <b>C1</b>
<b>B36</b>	SB/6	: To <b>C3</b>
<b>B37</b>	SB/8	: To <b>C2</b>
<b>B38</b>	W/8	: Rear cooler unit
<b>B39</b>	B/6	: Rear cooler unit
<b>B40</b>	W/6	: Cool box
<b>B41</b>	B/2	: Power socket
<b>B42</b>	L/4	: Power socket relay
<b>B43</b>	B/5	: Rear cooler cut relay (TB45E engine models with rear cooler)
<b>B52</b>	W/2	: Diode-1 } (A/T models)
<b>B53</b>	W/2	: Diode-2 }
<b>B54</b>	BR/6	: Multi-remote control relay (For China)
<b>B55</b>	W/4	: To <b>D87</b>
<b>B56</b>	L/4	: Rear cooler cut relay (TB48 engine models with rear cooler)
<b>B58</b>	BR/1	: To <b>M89</b>



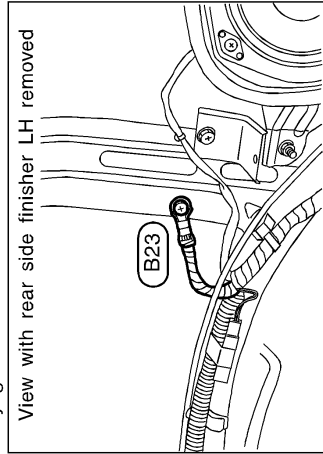
# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

## Body Harness/LHD Models (Cont'd)

### HARDTOP



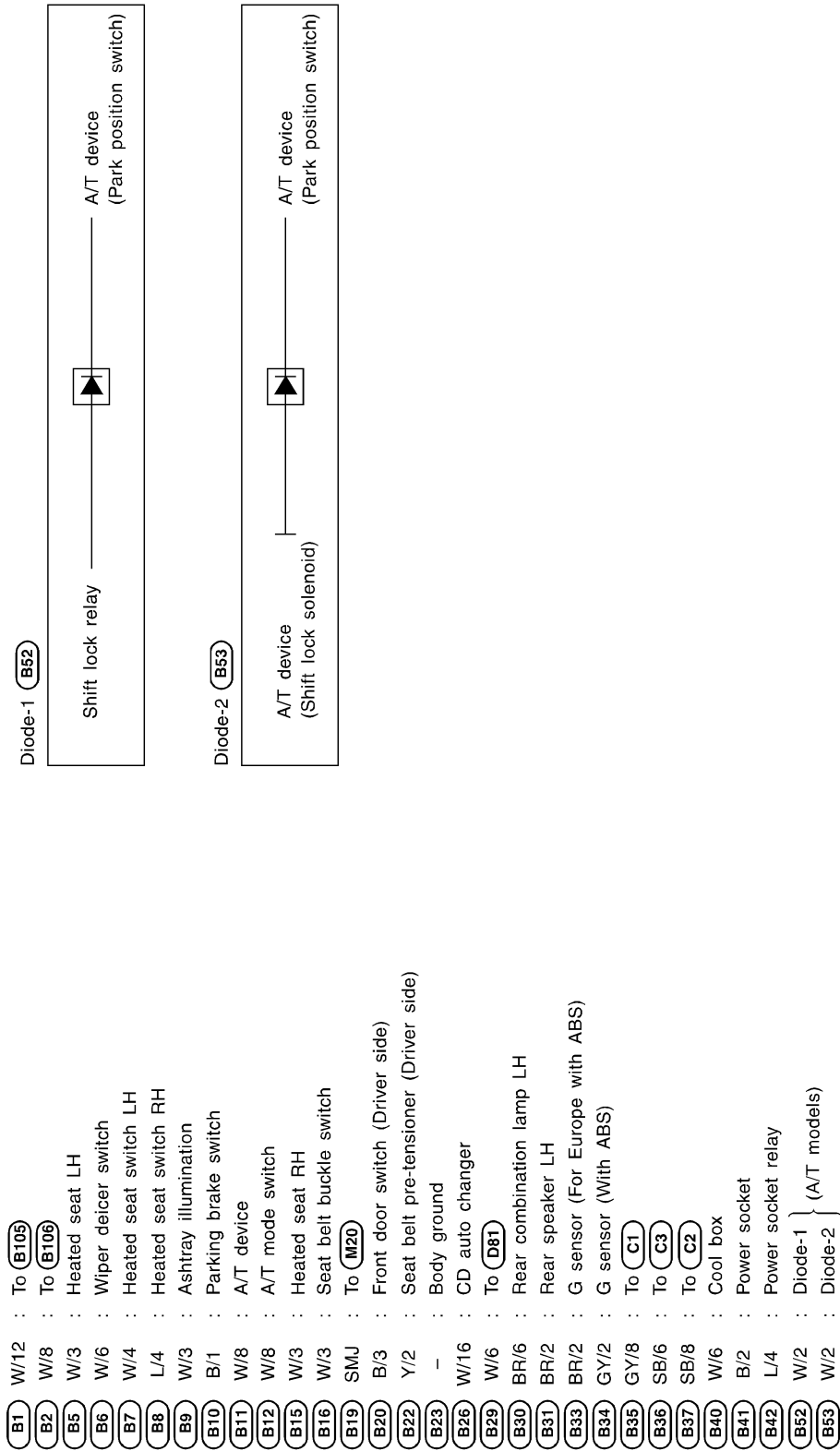
Body ground



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

# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

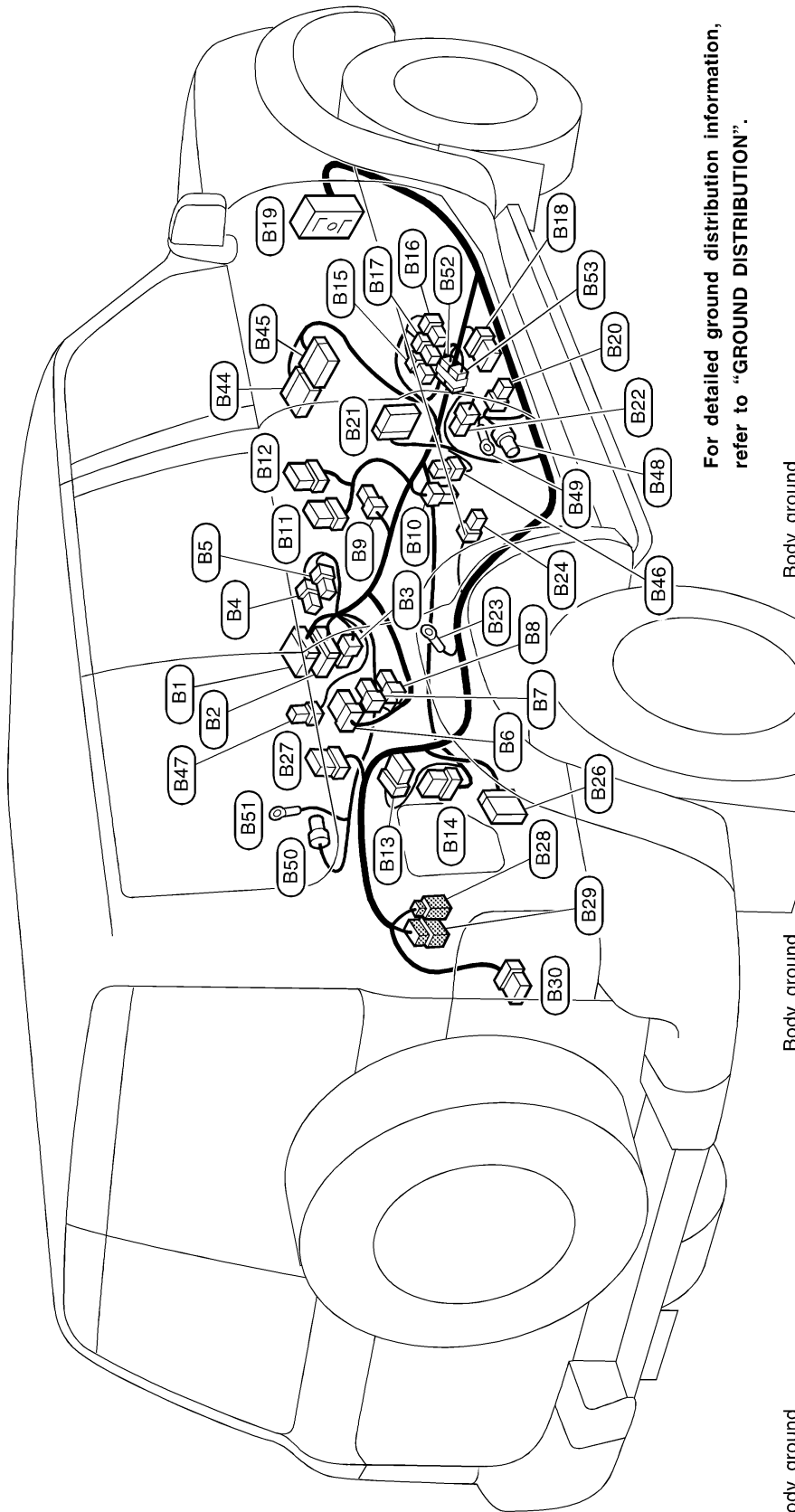
## Body Harness/LHD Models (Cont'd)



# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

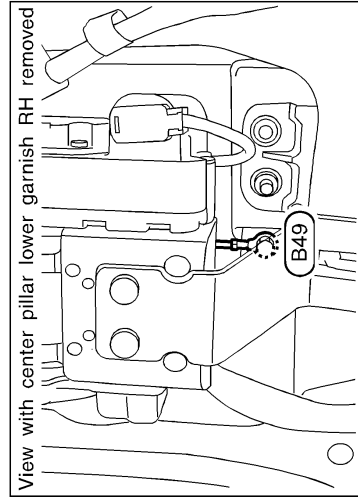
## Body Harness/RHD Models

### WAGON

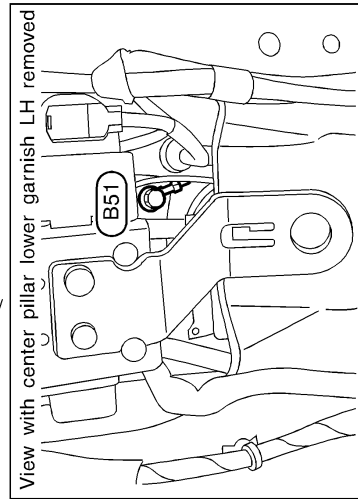


For detailed ground distribution information, refer to "GROUND DISTRIBUTION".

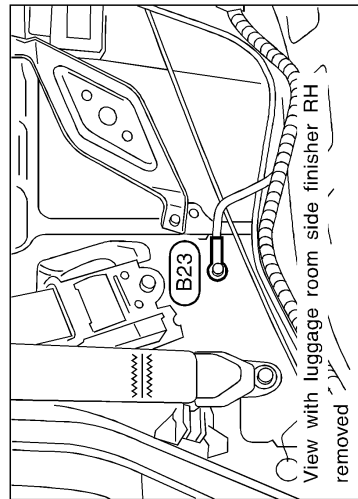
Body ground



Body ground

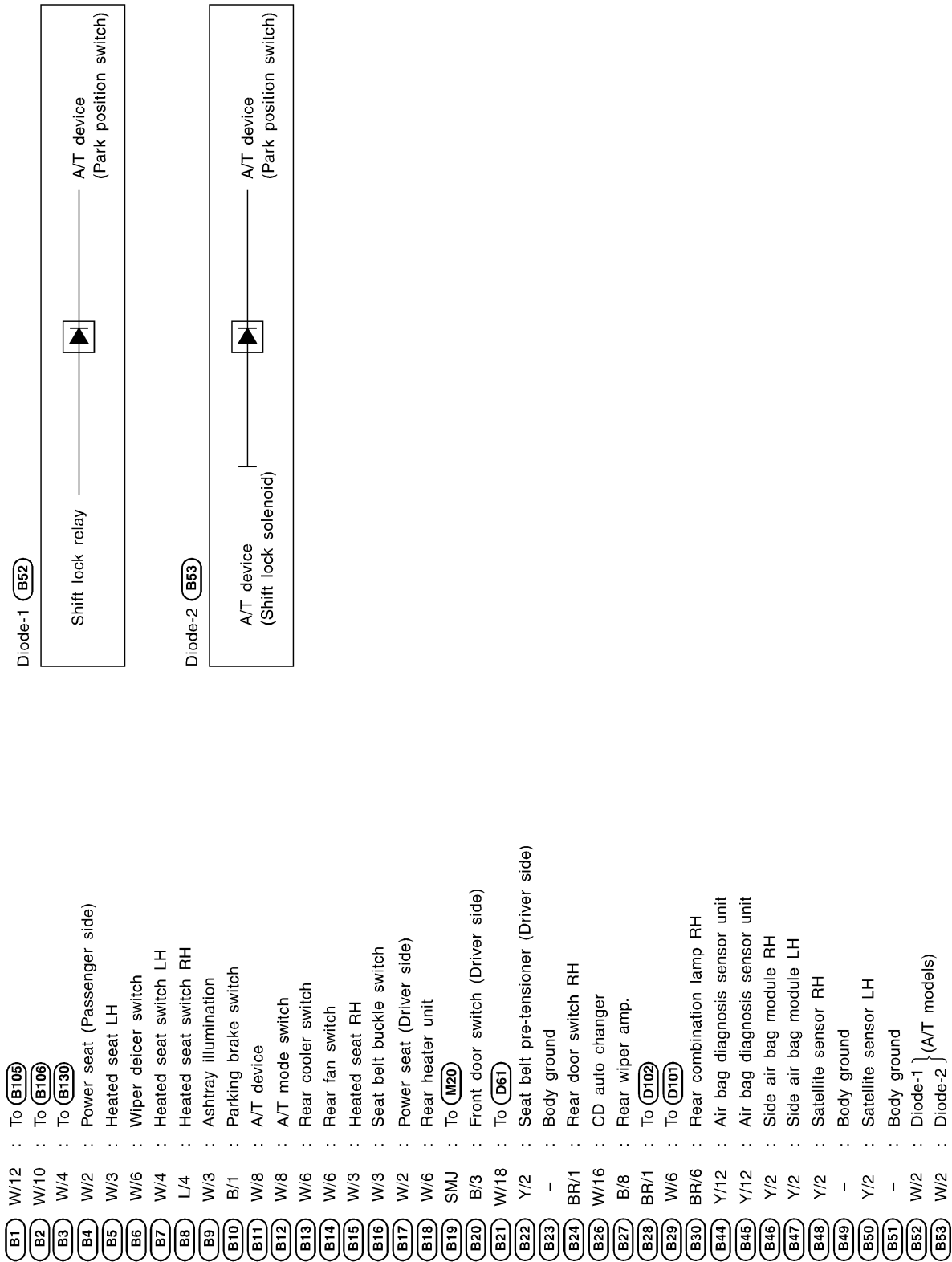


Body ground



# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

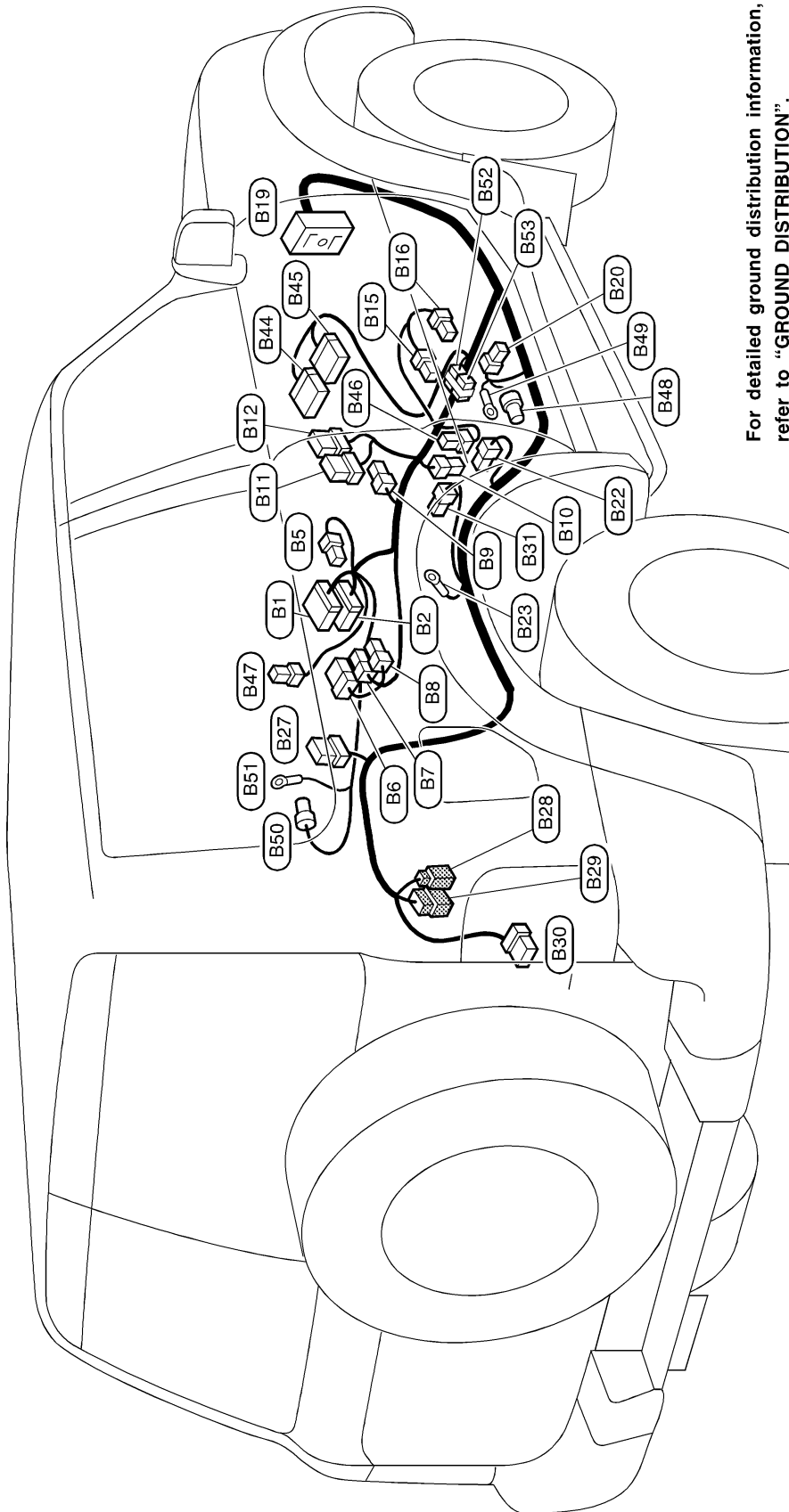
## Body Harness/RHD Models (Cont'd)



# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

## Body Harness/RHD Models (Cont'd)

### HARDTOP

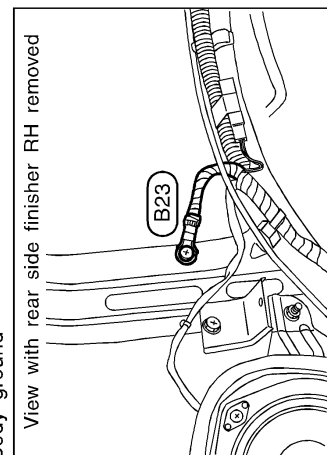
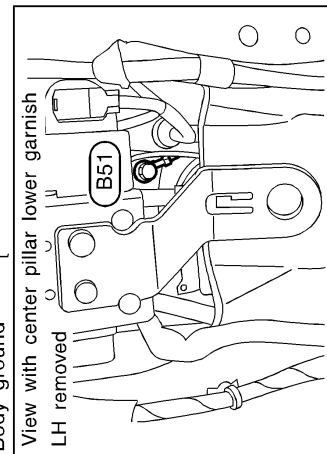
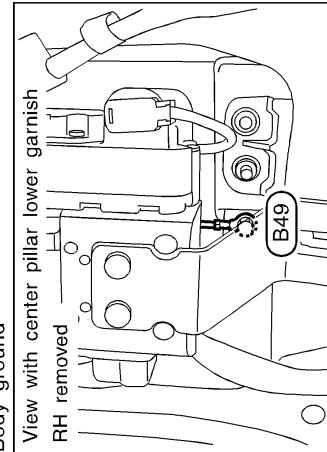


For detailed ground distribution information, refer to "GROUND DISTRIBUTION".

Body ground

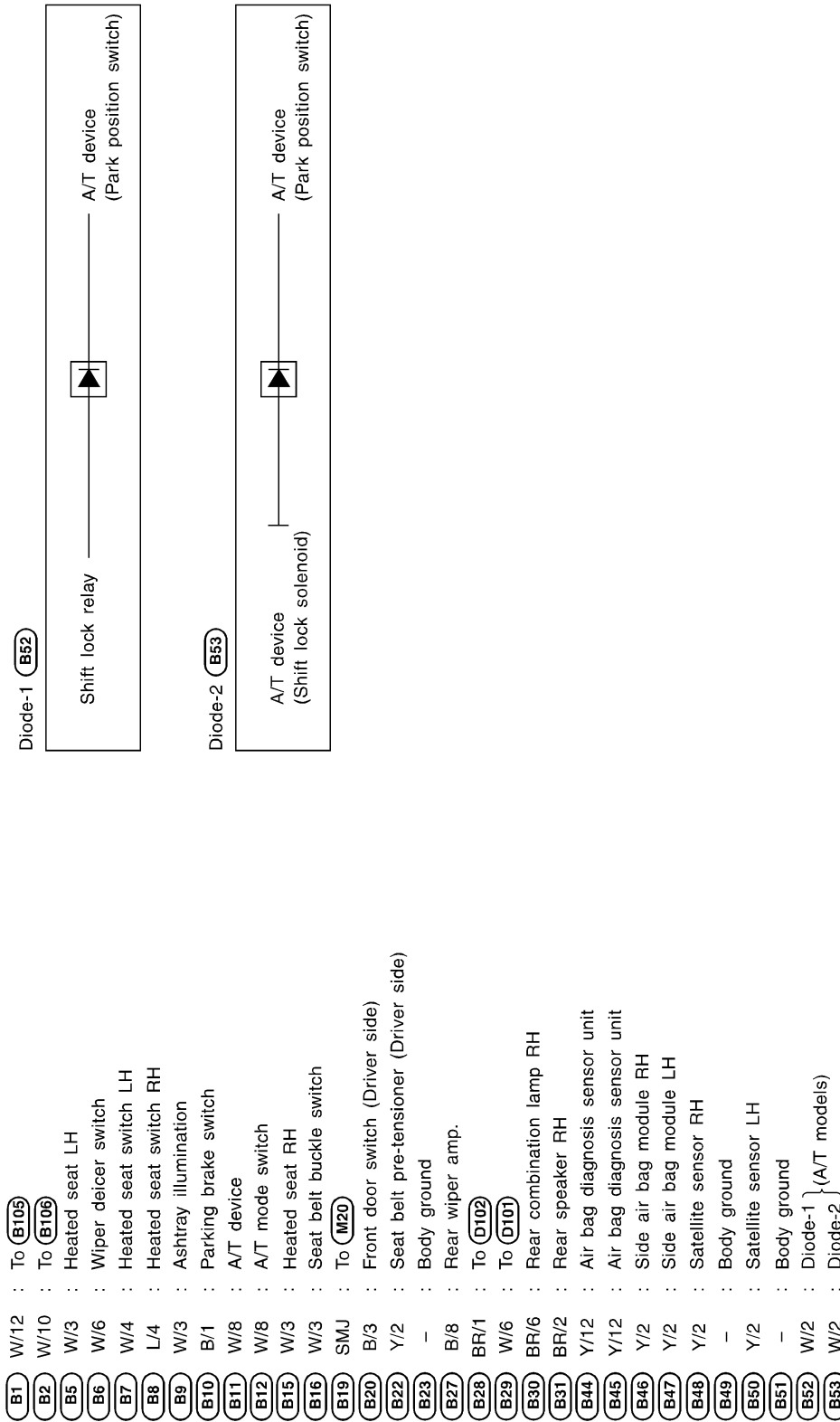
Body ground

Body ground



# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

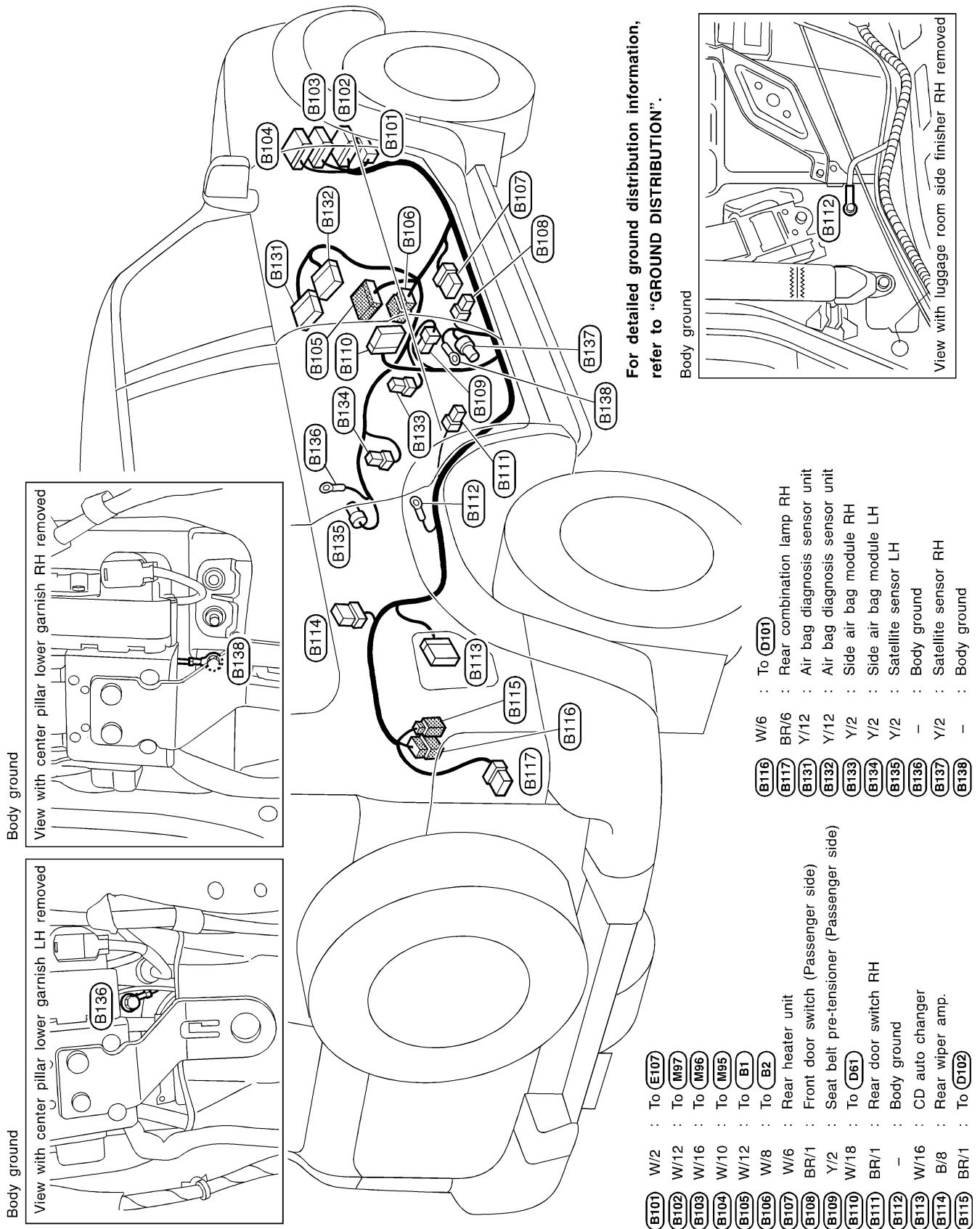
## Body Harness/RHD Models (Cont'd)



# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

## Body No. 2 Harness/LHD Models

### WAGON

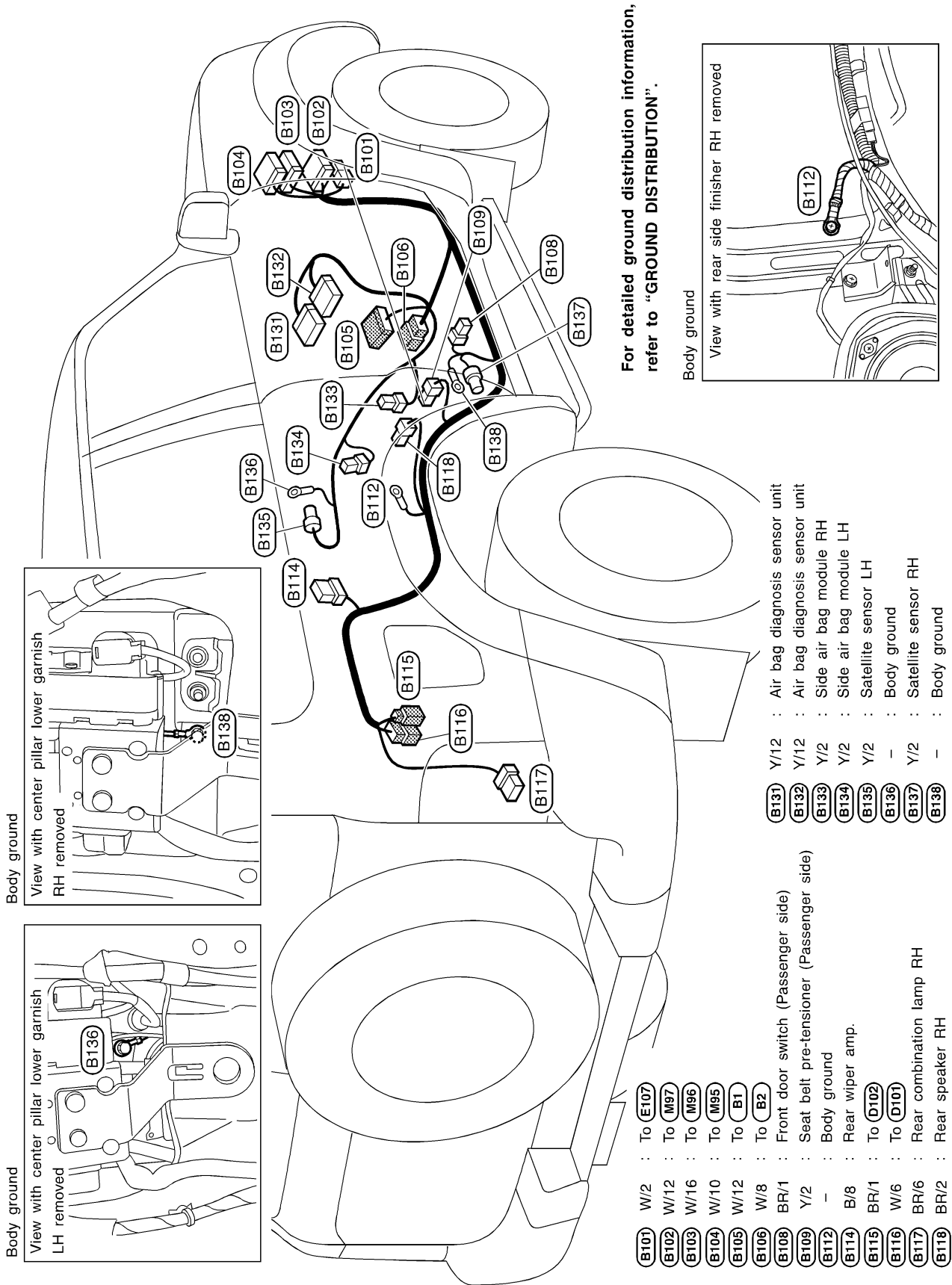




# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

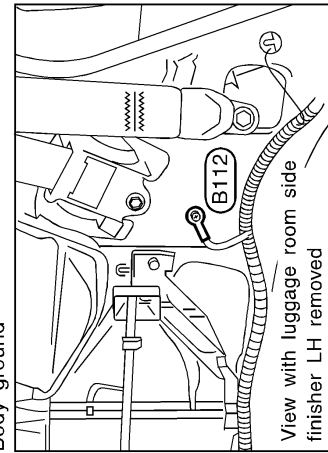
## Body No. 2 Harness/LHD Models (Cont'd)

### HARDTOP



## WAGON

## WAGON



Body ground

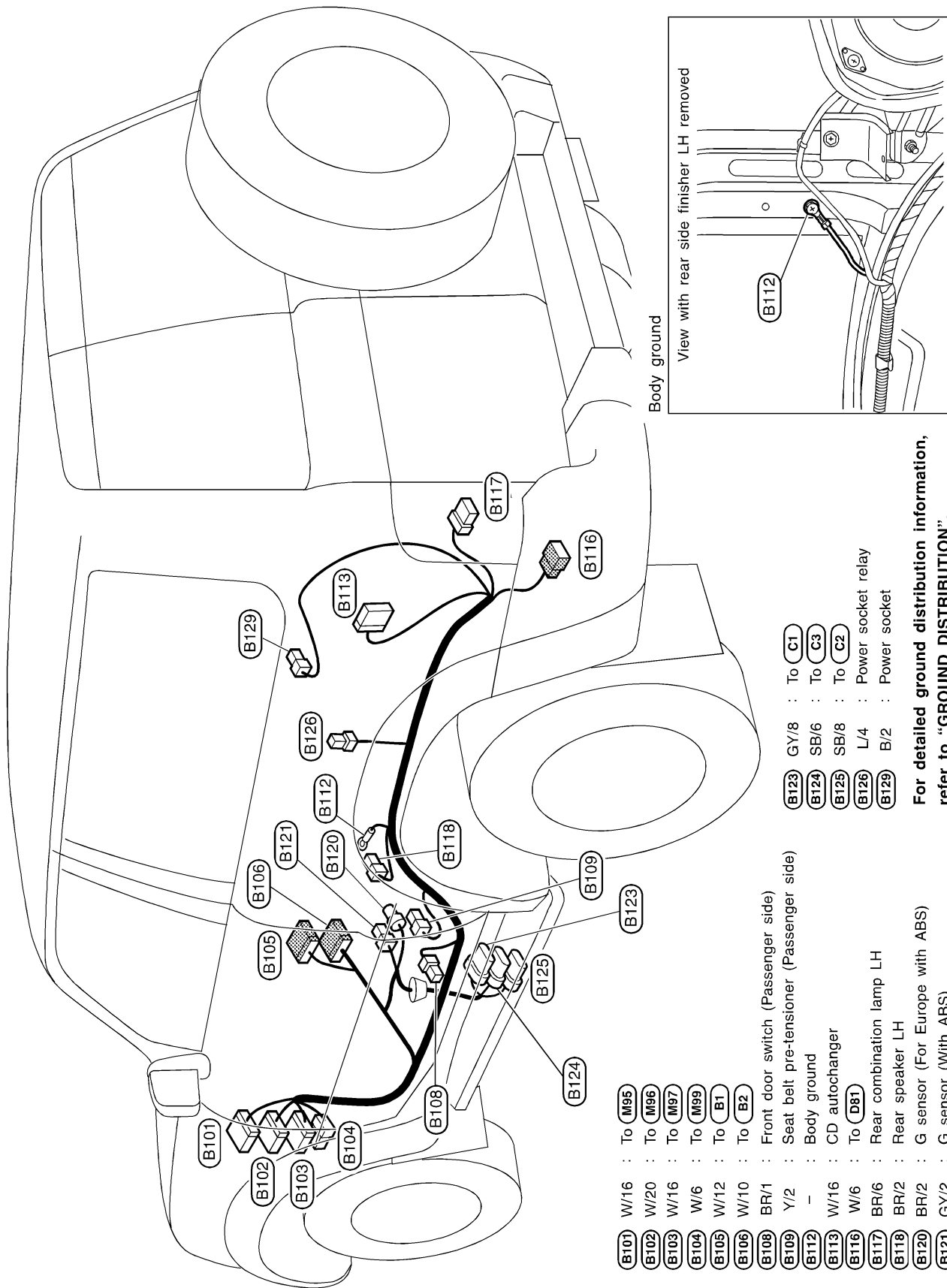
View with luggage room side  
finisher LH removed

(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)	BR/1	:	Front door switch (Passenger side)
(B109)	Y/2	:	Seat belt pre-tensioner (Passenger side)
(B110)	W/18	:	To (D41)
(B111)	BR/1	:	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)
(B122)	GY/2	:	Rear cooler solenoid valve
(B123)	GY/8	:	To (C1)
(B124)	SB/6	:	To (C3)
(B125)	SB/8	:	To (C2)
(B126)	L/4	:	Power socket relay
(B127)	W/8	:	Rear cooler unit
(B128)	B/6	:	Rear cooler unit
(B129)	B/2	:	Power socket
(B130)	W/4	:	To (B3)

# HARNESS LAYOUT/WAGON AND HARDTOP MODELS

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

### HARDTOP



## 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/CCUT	EC	Air Conditioner Control
A/T	AT	A/T
AAC/V	EC	IACV-AAC Valve
ABS	BR	Anti-lock Brake System
ACC/SW	EC	Accelerator Switch (F/C)
APS	EC	Accelerator Position Sensor
ASCD	EL	Automatic Speed Control Device
AT/C	EC	A/T Control
AUDIO	EL	Audio
BACK/L	EL	Back-up Lamp
BCDD	EC	BCDD System
BOOST	EC	Turbo Charger Boost Sensor
BRK/SW	EC	Brake Switch Signal
CD/CHG	EL	CD Auto Changer
CHARGE	EL	Charging System
CHIME	EL	Warning Chime
CHOKE	EC	Automatic Choke
CIGAR	EL	Cigarette Lighter
CMPS	EC	Camshaft Position Sensor
COMPAS	EL	Compass and Thermometer
COOL/B	HA	Cool Box
COOL/F	EC	Cooling Fan Control
CORNER	EL	Cornering Lamp
D/LOCK	EL	Power Door Lock
DEICER	EL	Wiper Deicer
DEF	EL	Rear Window Defogger
DIFF/L	PD	Differential Lock Control System
DTRL	EL	Headlamp — With Daytime Light System
ECMRLY	EC	ECM Relay
ECTS	EC	Engine Coolant Temperature Sensor
EGVC/V	EC	EGR Volume Control Valve
EPS	ST	Electric Controlled Power Steering system
F/FOG	EL	Front Fog Lamp
F/PUMP	EC	Fuel Pump
FCUT	EC	Fuel Cut System

Code	Section	Wiring Diagram Name
FICD	EC	IACV-FICD Solenoid Valve
FPCM	EC	Fuel Pump Control Module
GLOW	EC	Quick Glow System
H/AIM	EL	Headlamp Aiming Control System
H/LAMP	EL	Headlamp
HEATUP	EC	Heat up Switch
HLC	EL	Headlamp Cleaner
HORN	EL	Horn
IGN	EC	Ignition System
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
IVC	EC	Intake Valve Timing Control Solenoid Valve
KS	EC	Knock Sensor
LOAD	EC	Load Signal
MAFS	EC	Mass Air Flow Sensor
MAIN	EC	Main Power Supply and Ground Circuit
METER	EL	Speedometer, Tachometer, Temp., Oil and Fuel Gauges
MIL/DL	EC	Mil and Data Link Connectors
MIRROR	EL	Door Mirror
MULTI	EL	Multi-remote Control System
NATS	EL	Nissan Anti-Theft System
P/ANT	EL	Power Antenna
PGC/V	EC	EVAP Canister Purge Volume Control Solenoid Valve
PNP/SW	EC	Park/Neutral Position Switch
POWER	EL	Power Supply Routing
PST/SW	EC	Power Steering Oil Pressure Switch
R/COOL	HA	Rear Cooler System
R/FOG	EL	Rear Fog Lamp
R/HEAT	HA	Rear Heater System
REMOTE	EL	Audio (Remote Control Switch)
ROOM/L	EL	Interior Room Lamp

## WIRING DIAGRAM CODES (CELL CODES)

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

Code	Section	Wiring Diagram Name
S/SIG	EC	Start Signal
S/TANK	FE	Sub Fuel Tank Control System
SHIFT	AT	A/T Shift Lock System
SRS	RS	Supplemental Restraint System
STAB	RA	Rear Stabilizer Release Device Control System
START	EL	Starting System
SWL/V	EC	Swirl Control Valve Control Solenoid Valve
TAIL/L	EL	Parking, License and Tail Lamps
TP/SW	EC	Throttle Position Switch
TPS	EC	Throttle Position Sensor
TRQ/SG	EC	Engine Torque Control Signal
TURN	EL	Turn Signal and Hazard Warning Lamps
VIAS/V	EC	Variable Air Induction Control System
VSS	EC	Vehicle Speed Sensor
WARN	EL	Warning Lamps
WIP/R	EL	Rear Wiper and Washer