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MODIFICATION NOTICE:

- Wiring diagrams have been changed.
- Harness layouts have been changed.

CONTENTS

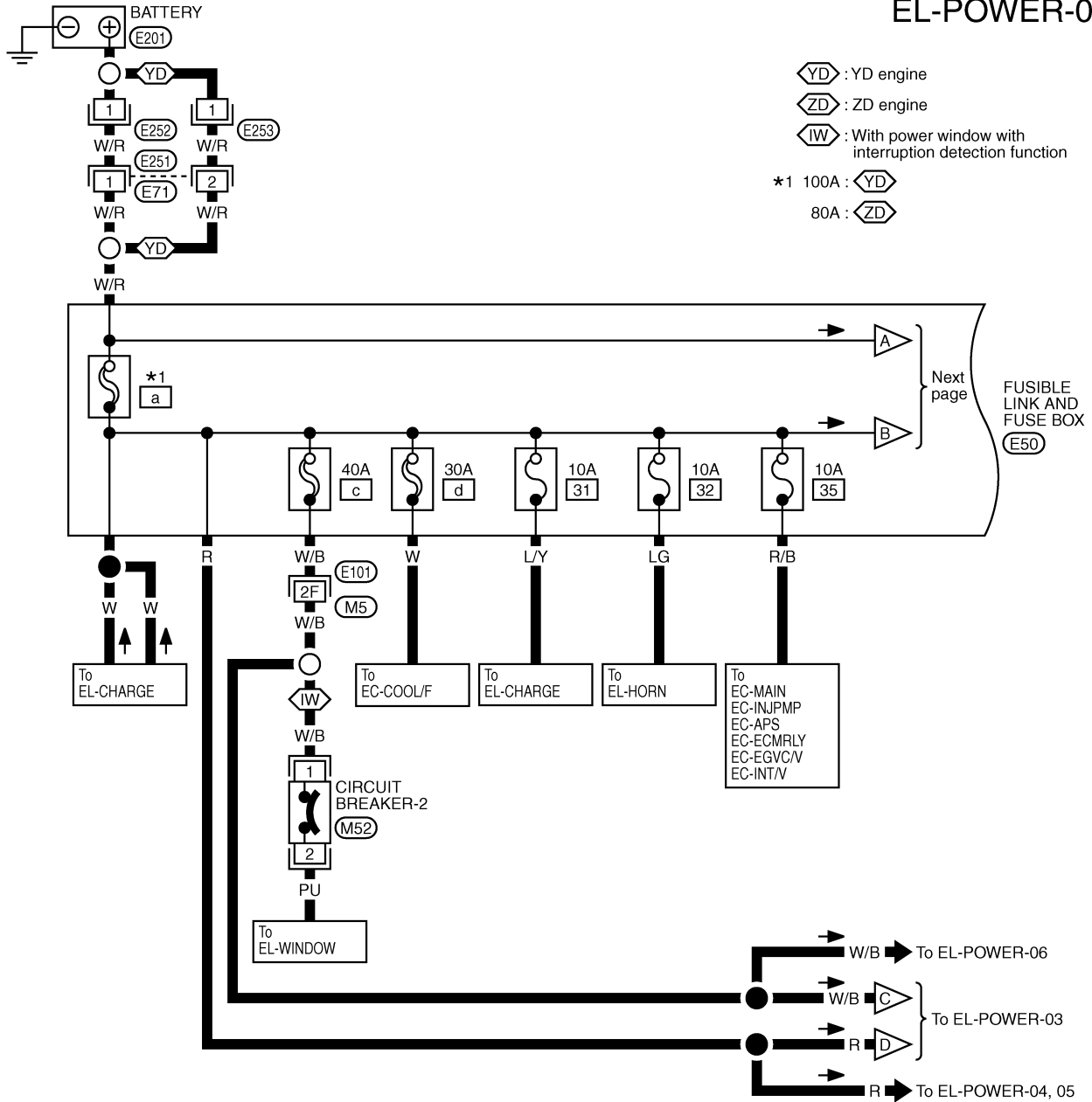
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POWER SUPPLY ROUTING

Wiring Diagram — POWER —

BATTERY POWER SUPPLY — IGNITION SWITCH IN ANY POSITION

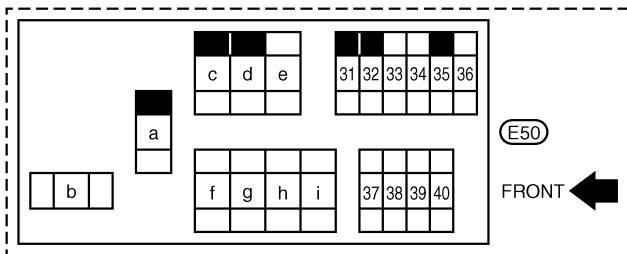
EL-POWER-01



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M5, E101



POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

EL-POWER-02

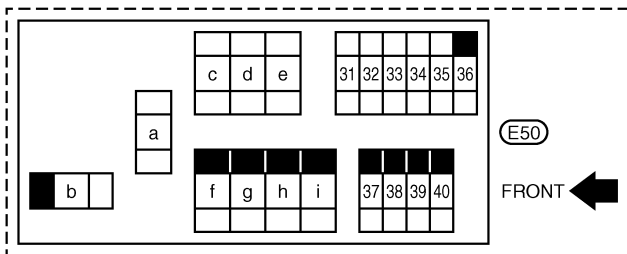
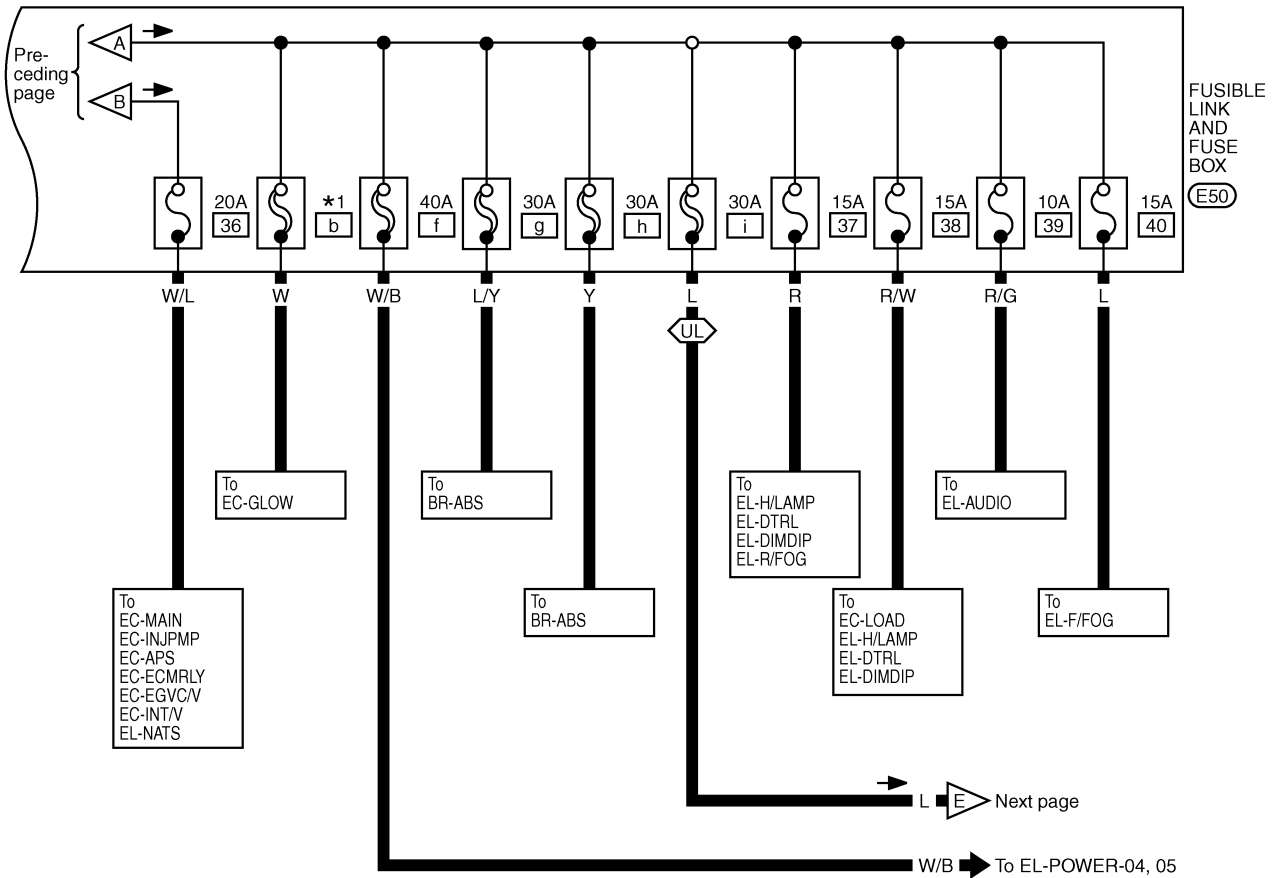
UL : LHD models for Europe

YD : YD engine

ZD : ZD engine

*1 60A : YD

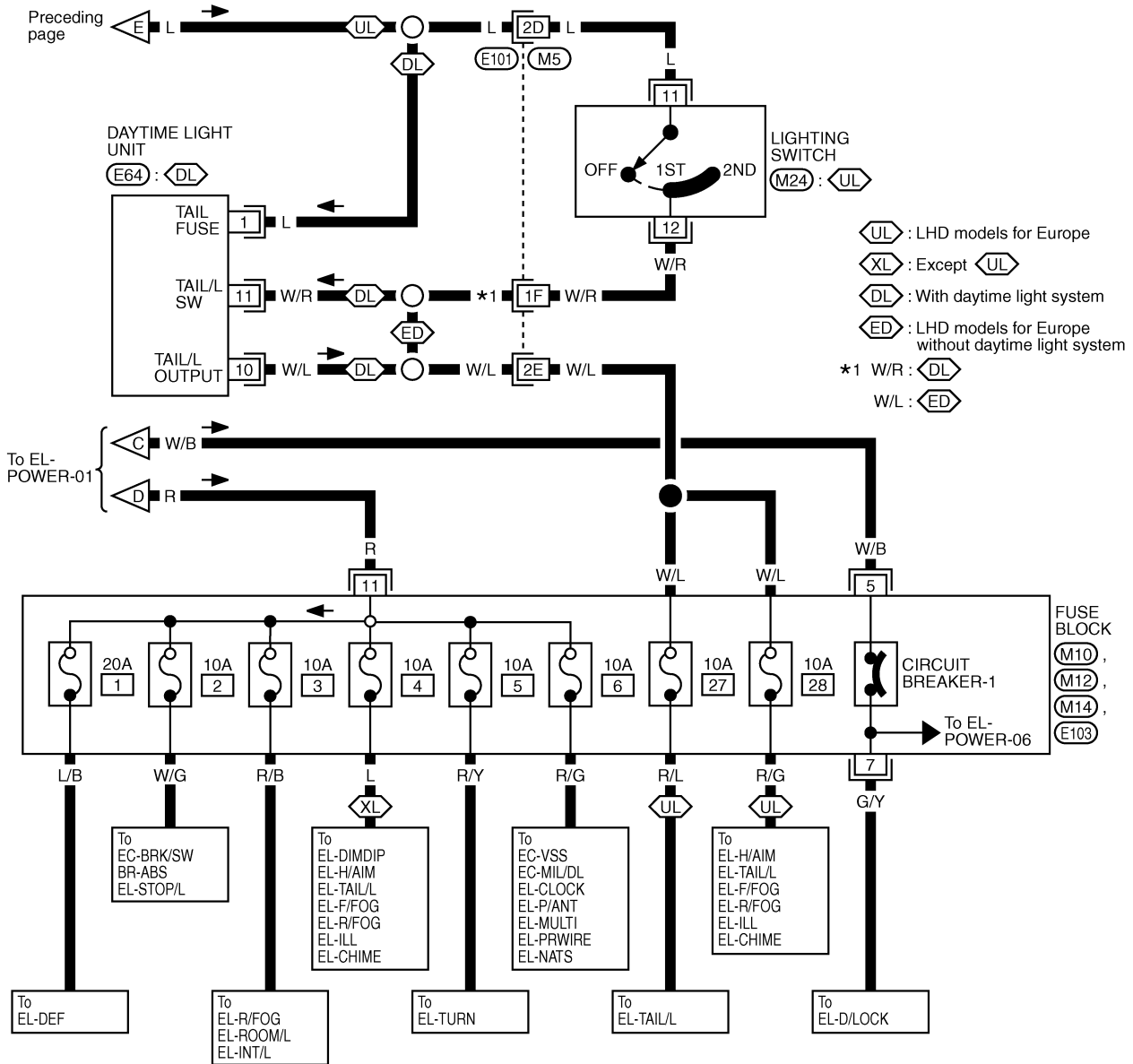
80A : ZD



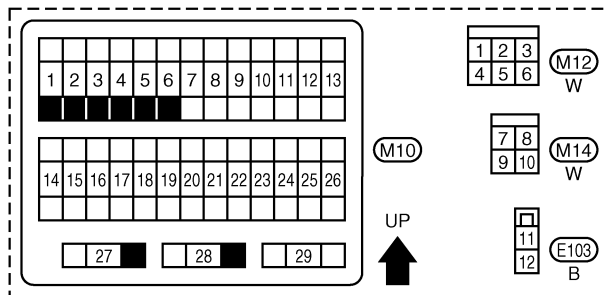
POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

EL-POWER-03



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 (M5), (E101)

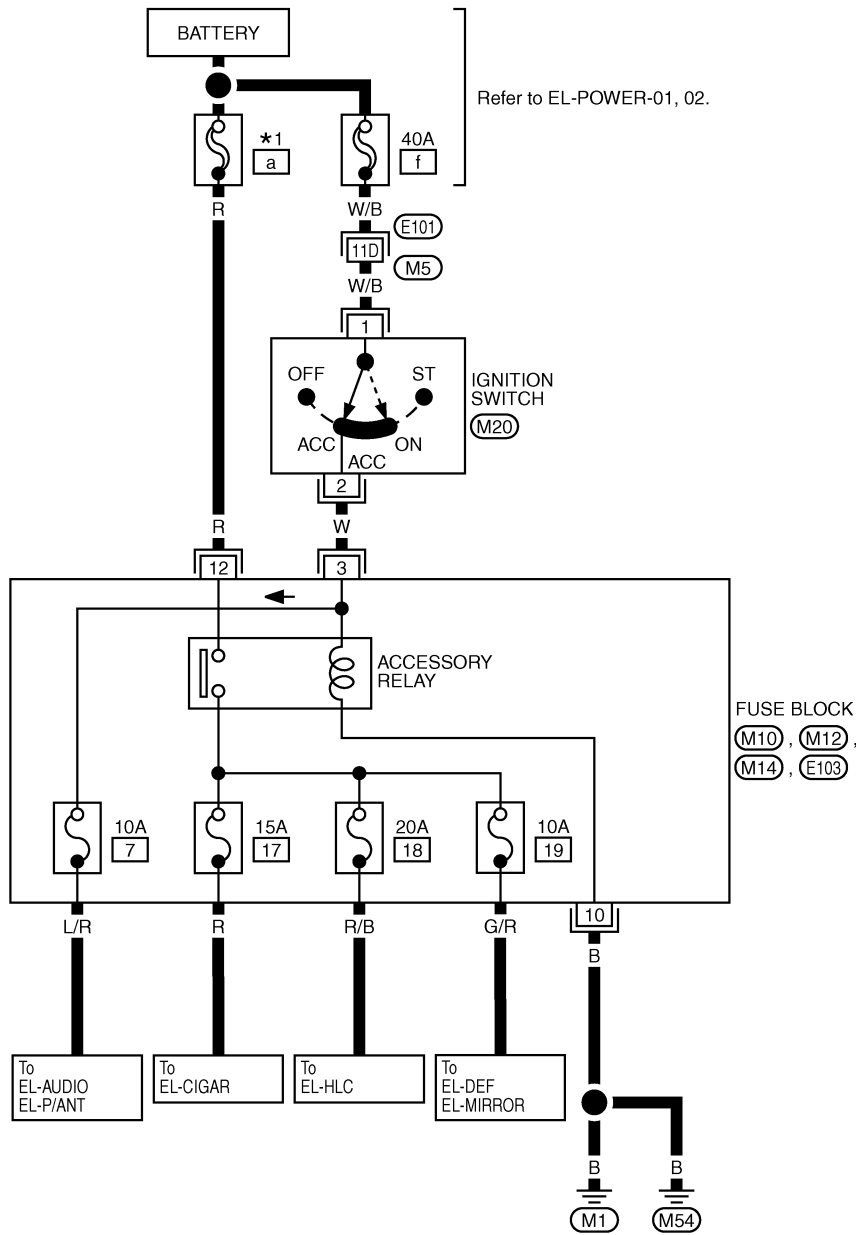
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POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

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

EL-POWER-04

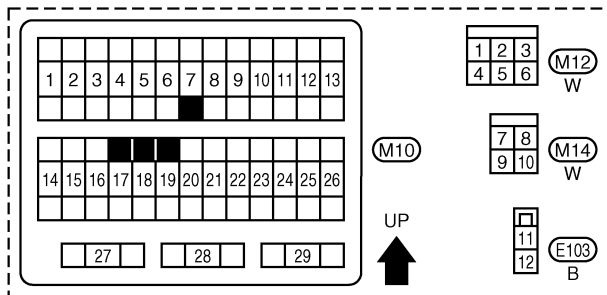


YD : YD engine

ZD : ZD engine

*1 100A : YD

80A : ZD



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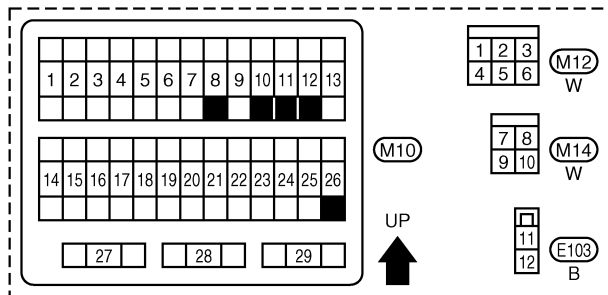
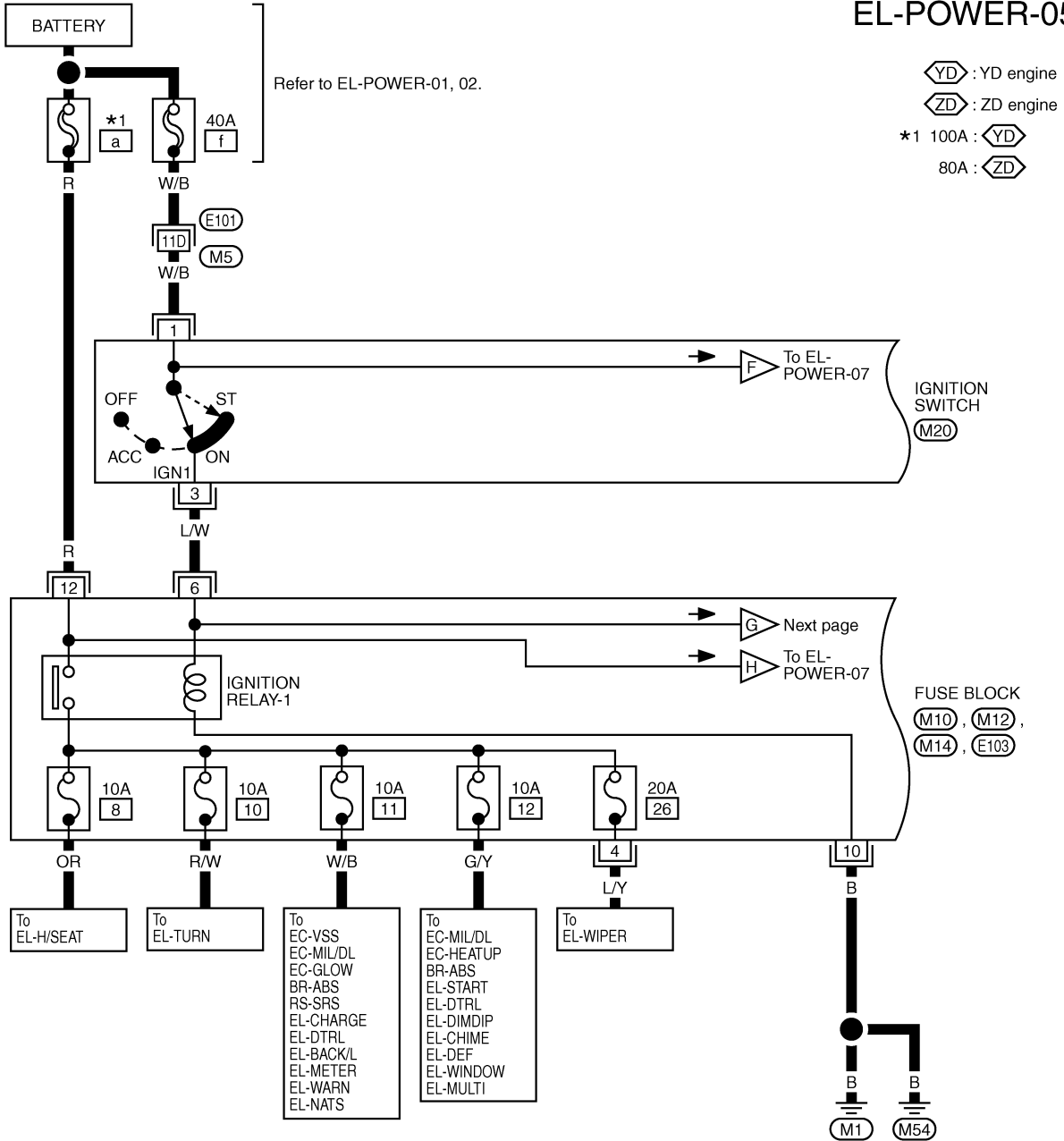
M5, E101

POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

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

EL-POWER-05



Refer to last page (Foldout page).

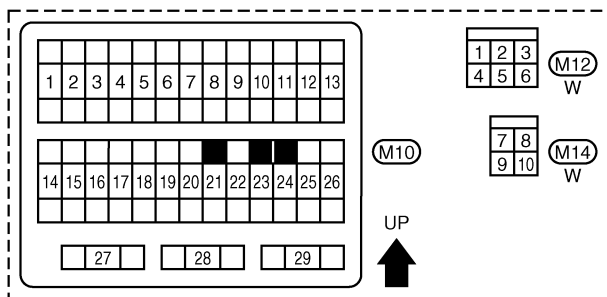
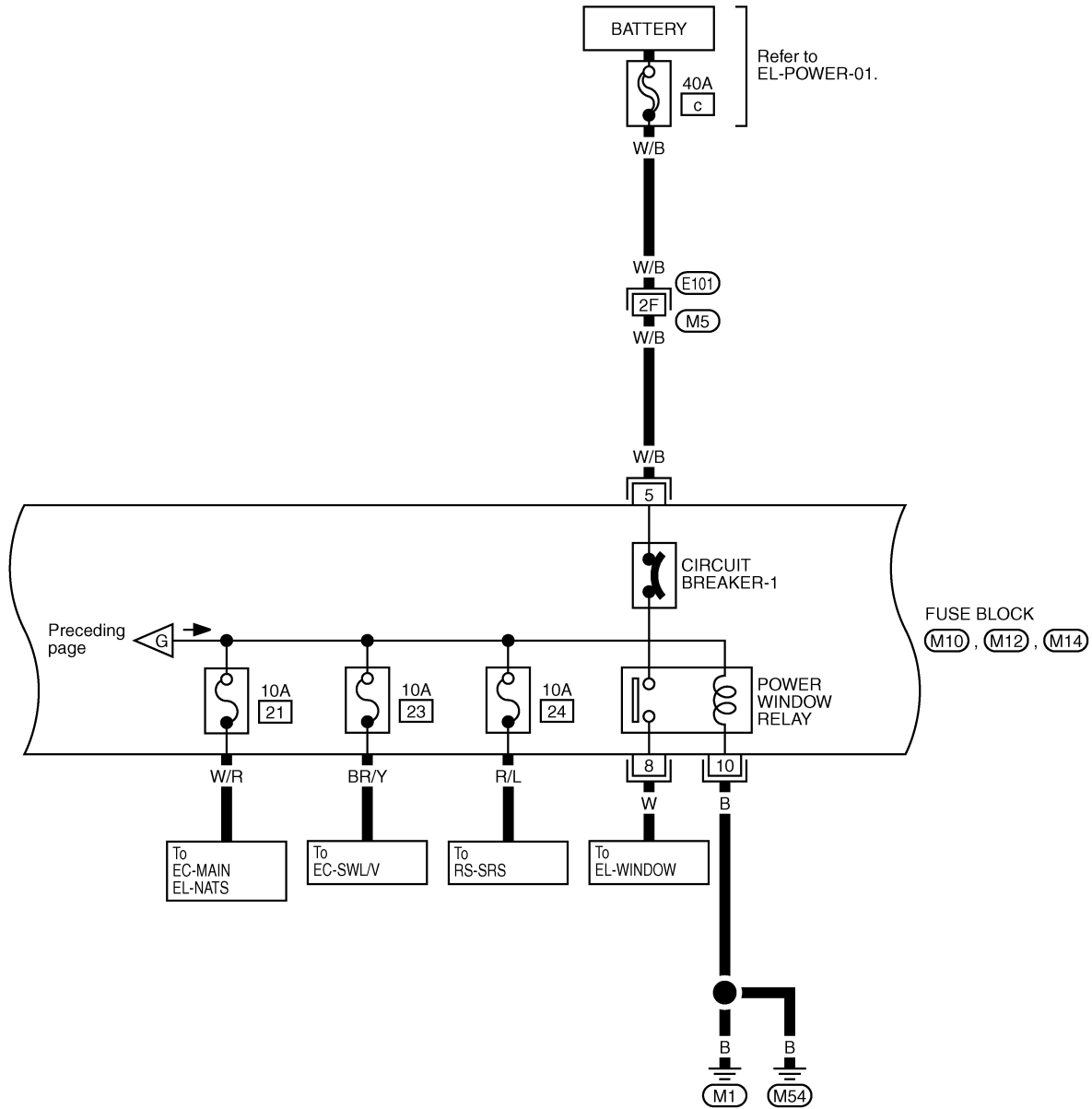
(M5), (E101)

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POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

EL-POWER-06



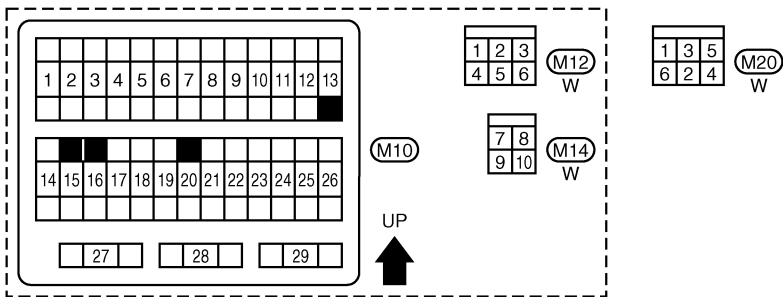
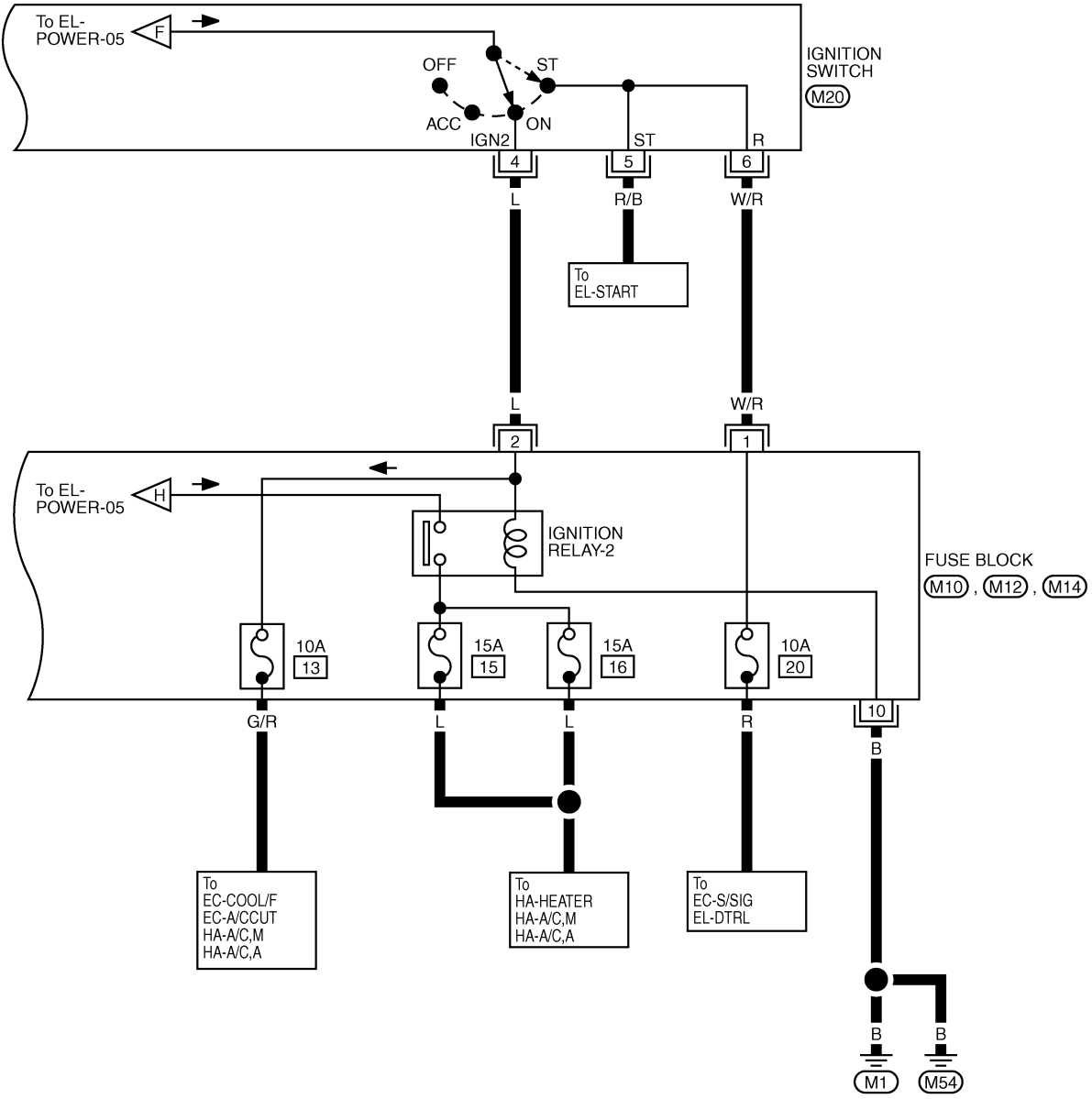
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(M5), (E101)

POWER SUPPLY ROUTING

Wiring Diagram — POWER — (Cont'd)

EL-POWER-07



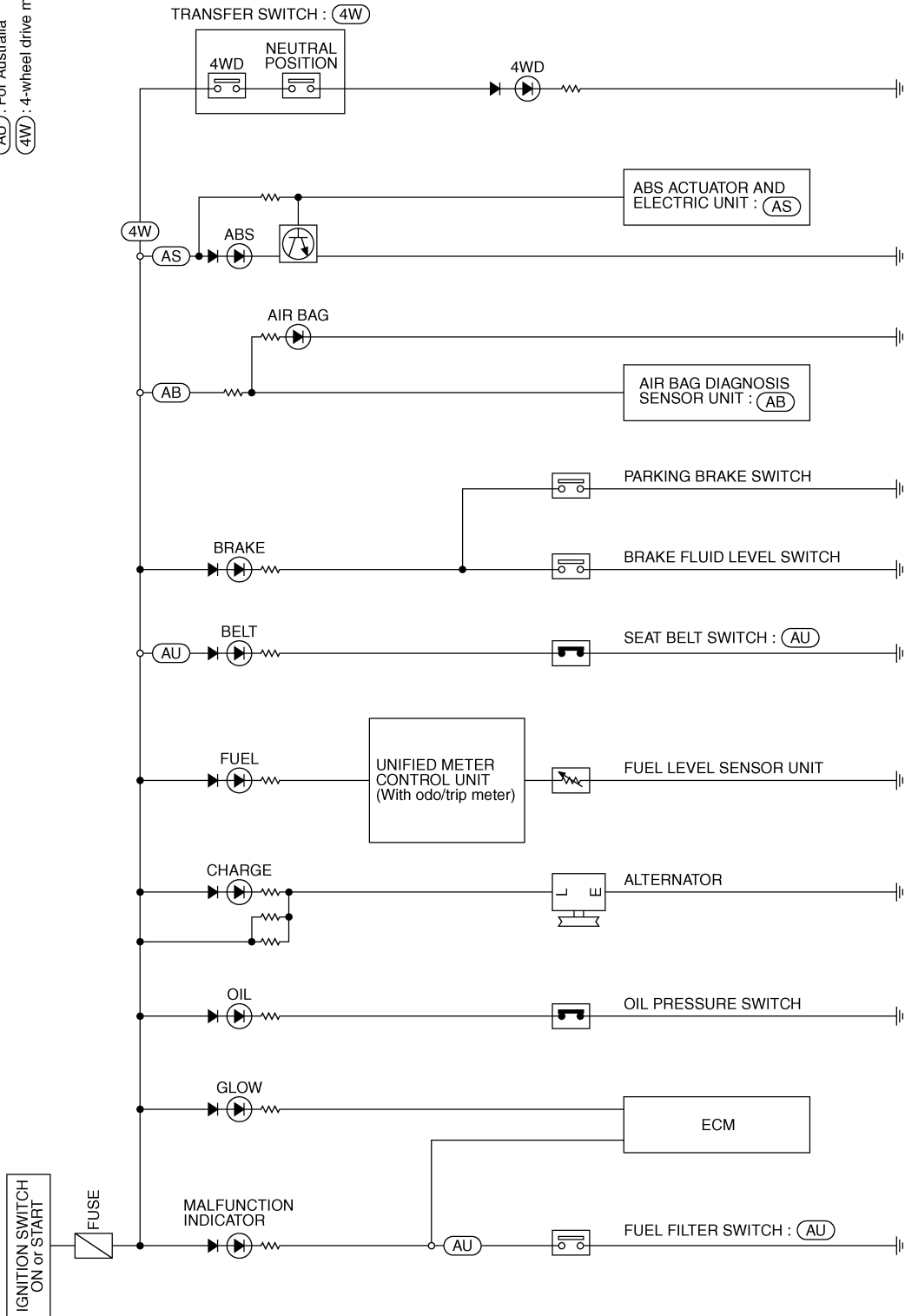
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WARNING LAMPS

Schematic/With Tachometer for Europe and Australia

- (AS) : With ABS
- (AB) : With air bag
- (AU) : For Australia
- (4W) : 4-wheel drive models



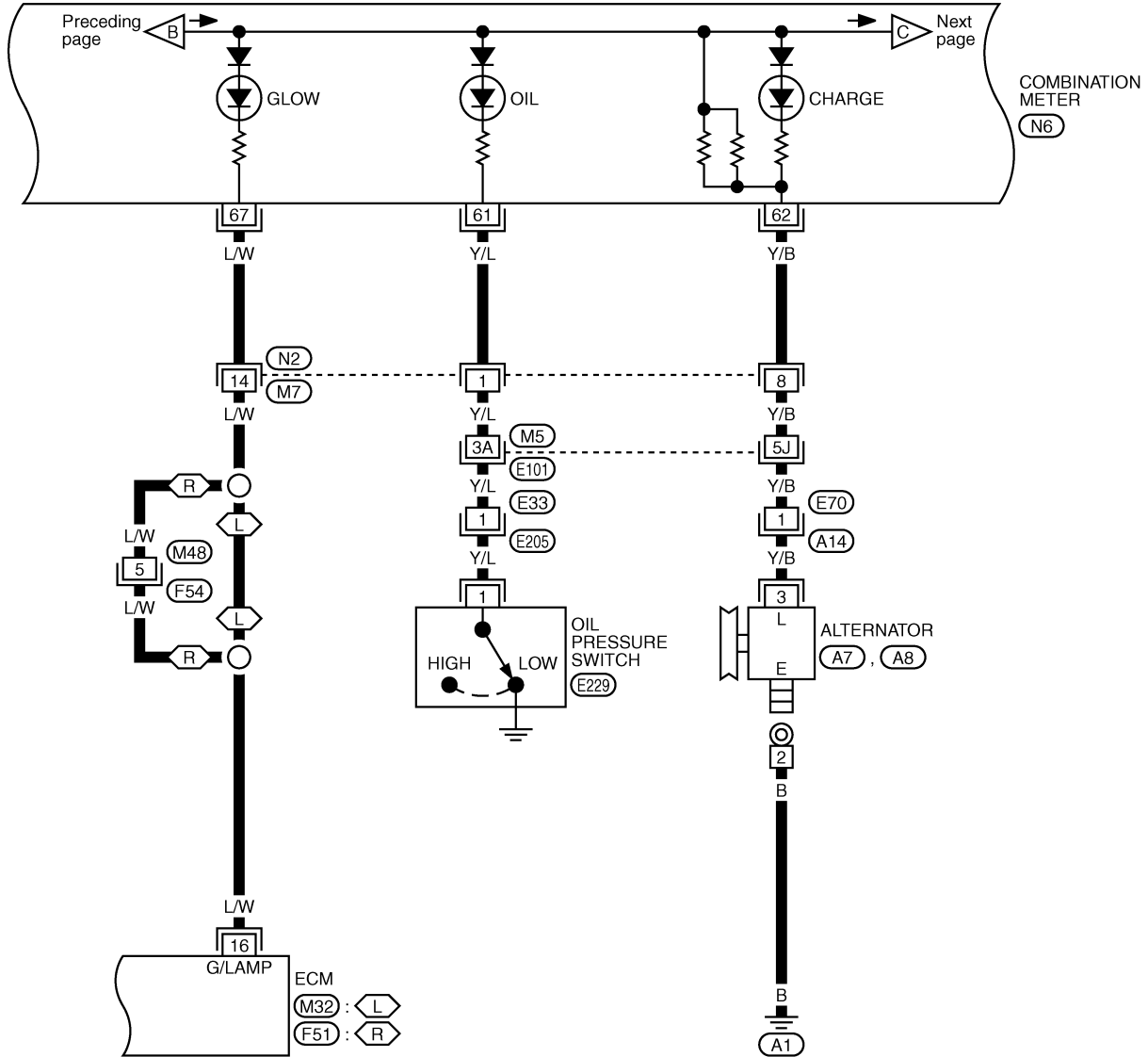
WARNING LAMPS

Wiring Diagram — WARN —/With Tachometer for Europe and Australia (Cont'd)

EL-WARN-02

: LHD models

: RHD models

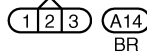
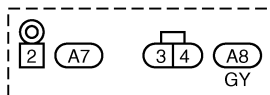
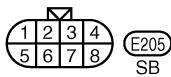


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(N2) BR
(F54) W

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

(N6) BR



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(M5), (E101)

(M32)

(F51)

WARNING LAMPS

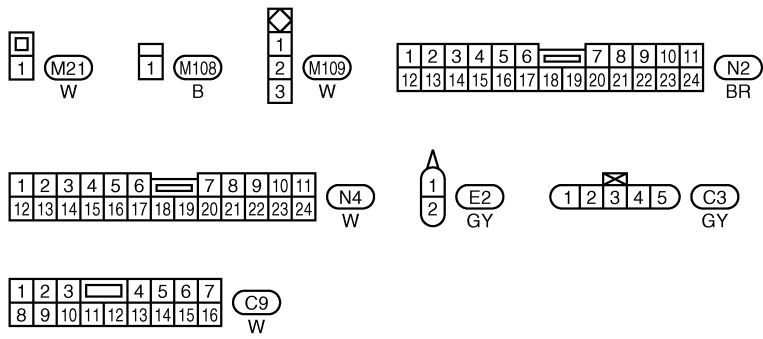
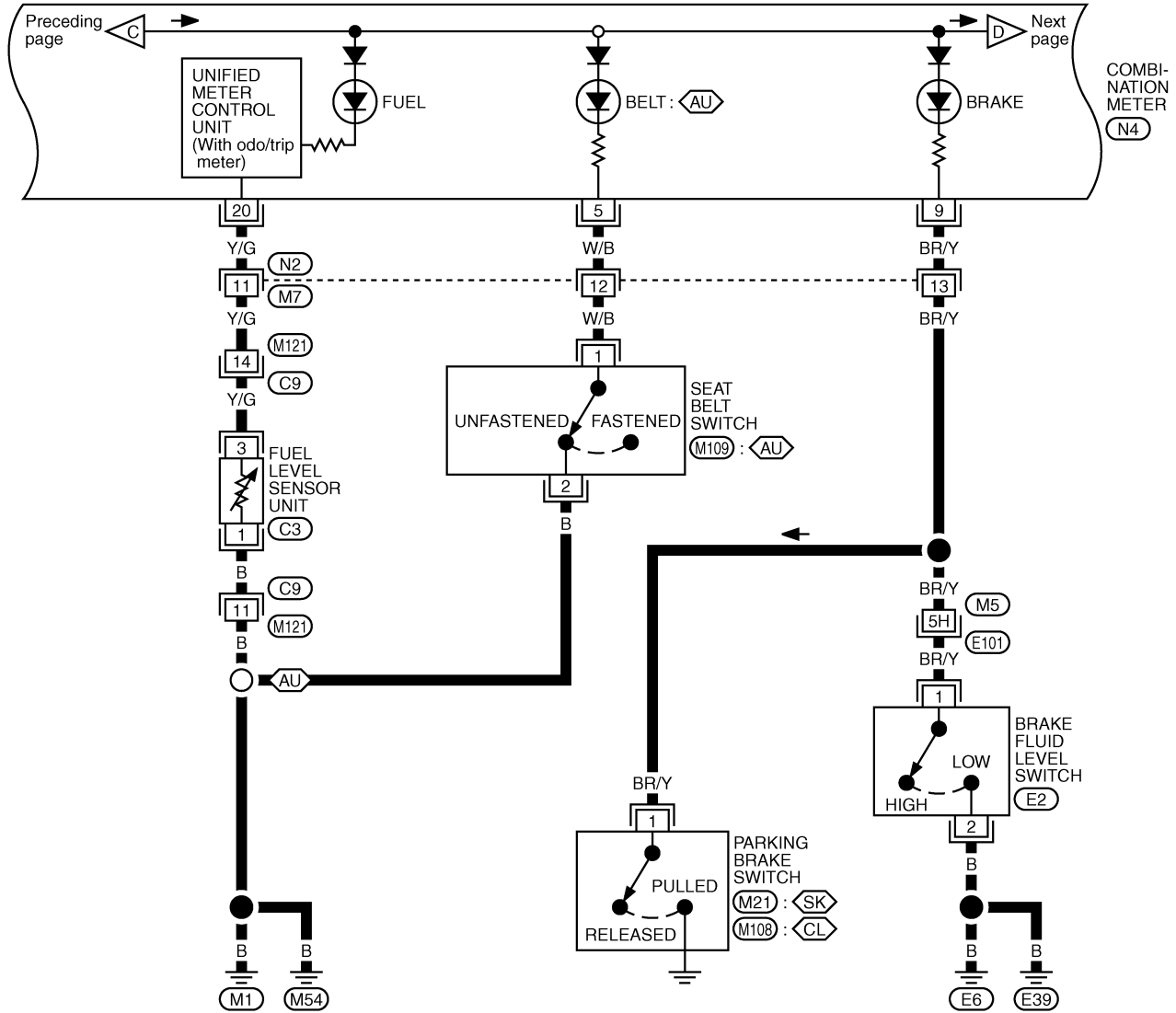
Wiring Diagram — WARN —/With Tachometer for Europe and Australia (Cont'd)

EL-WARN-03

: For Australia

: Stick type

: Center lever type



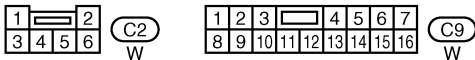
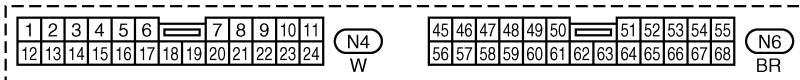
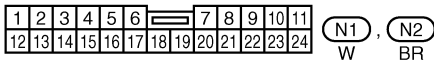
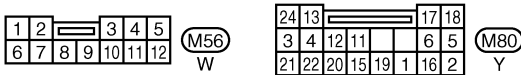
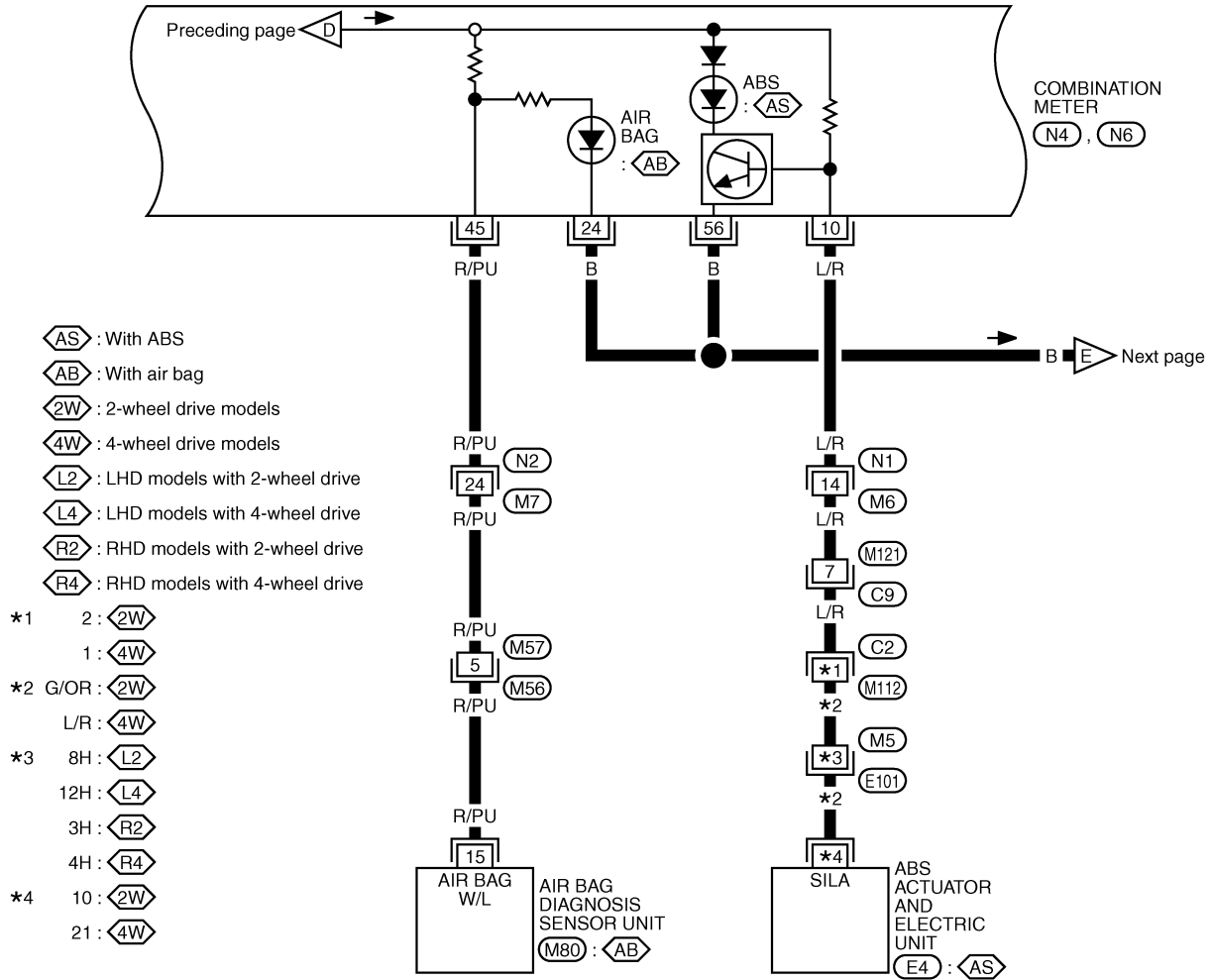
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M5, E101

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WARNING LAMPS

Wiring Diagram — WARN —/With Tachometer for Europe and Australia (Cont'd)

EL-WARN-04



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(M5), (E101)

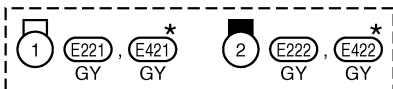
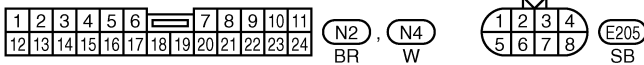
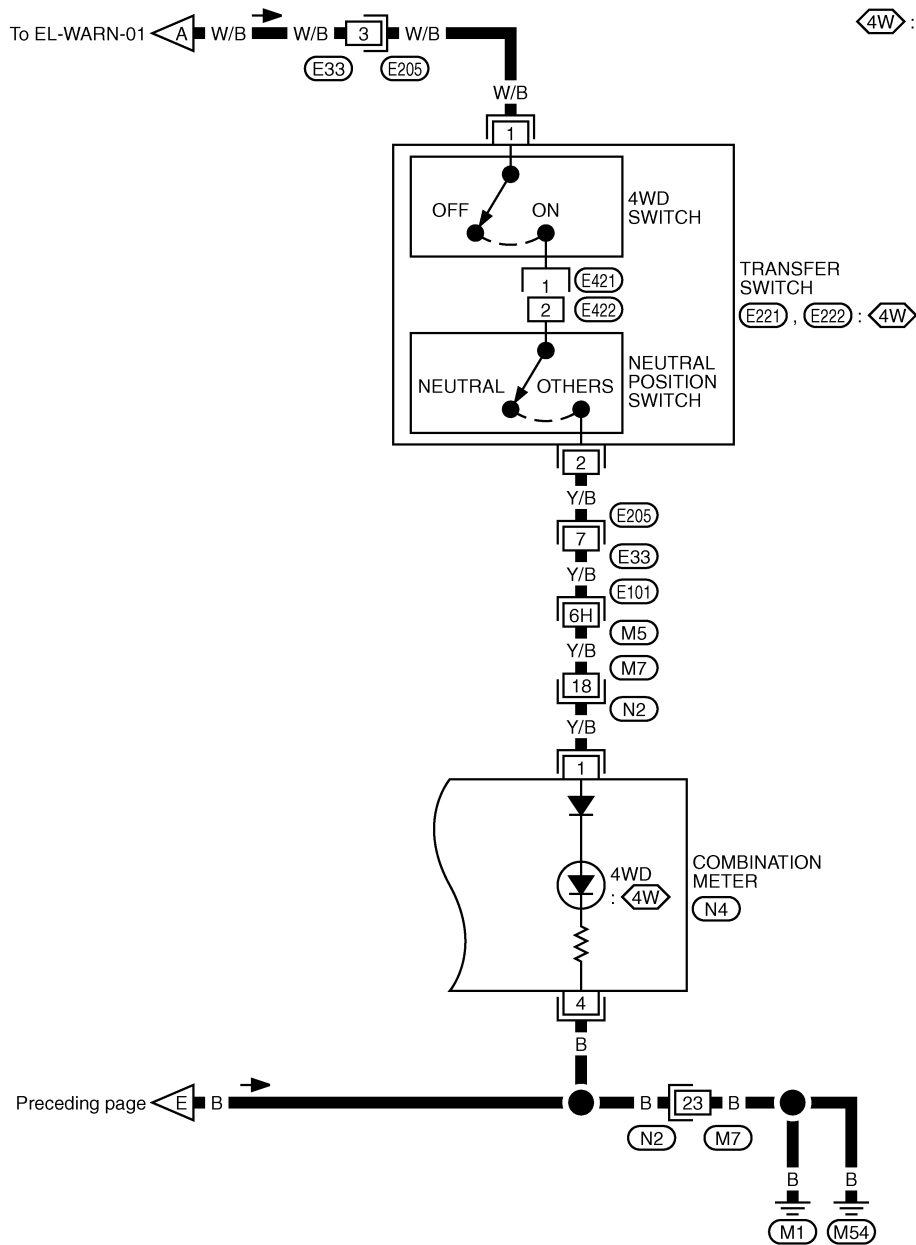
(E4)

WARNING LAMPS

Wiring Diagram — WARN —/With Tachometer for Europe and Australia (Cont'd)

EL-WARN-05

: 4-wheel drive models



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

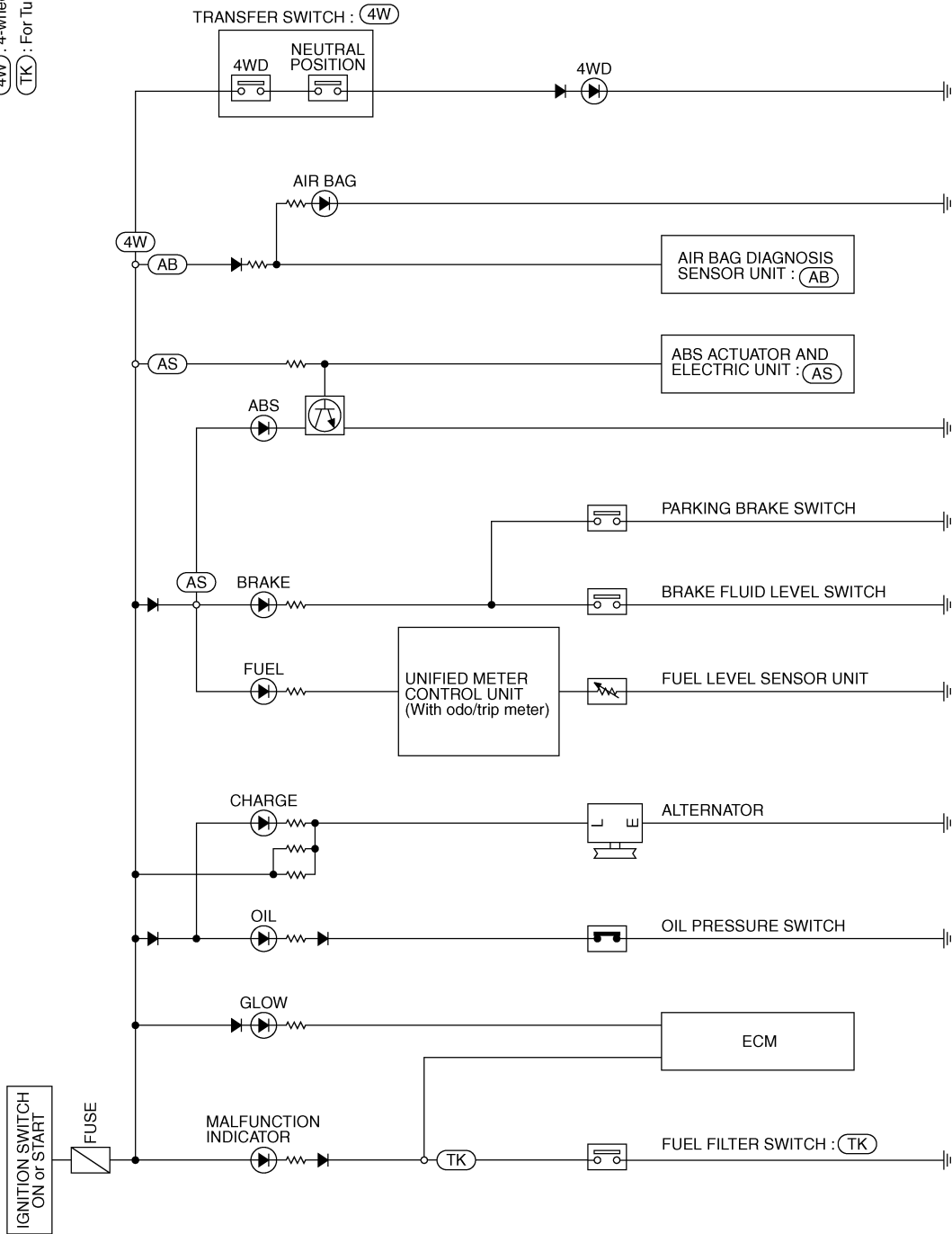
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M5, E101

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WARNING LAMPS

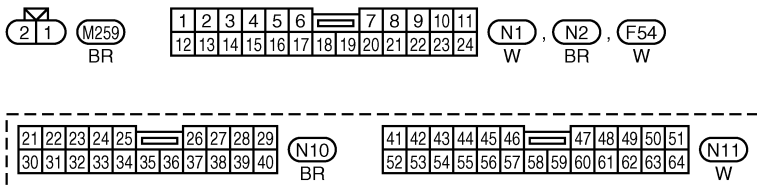
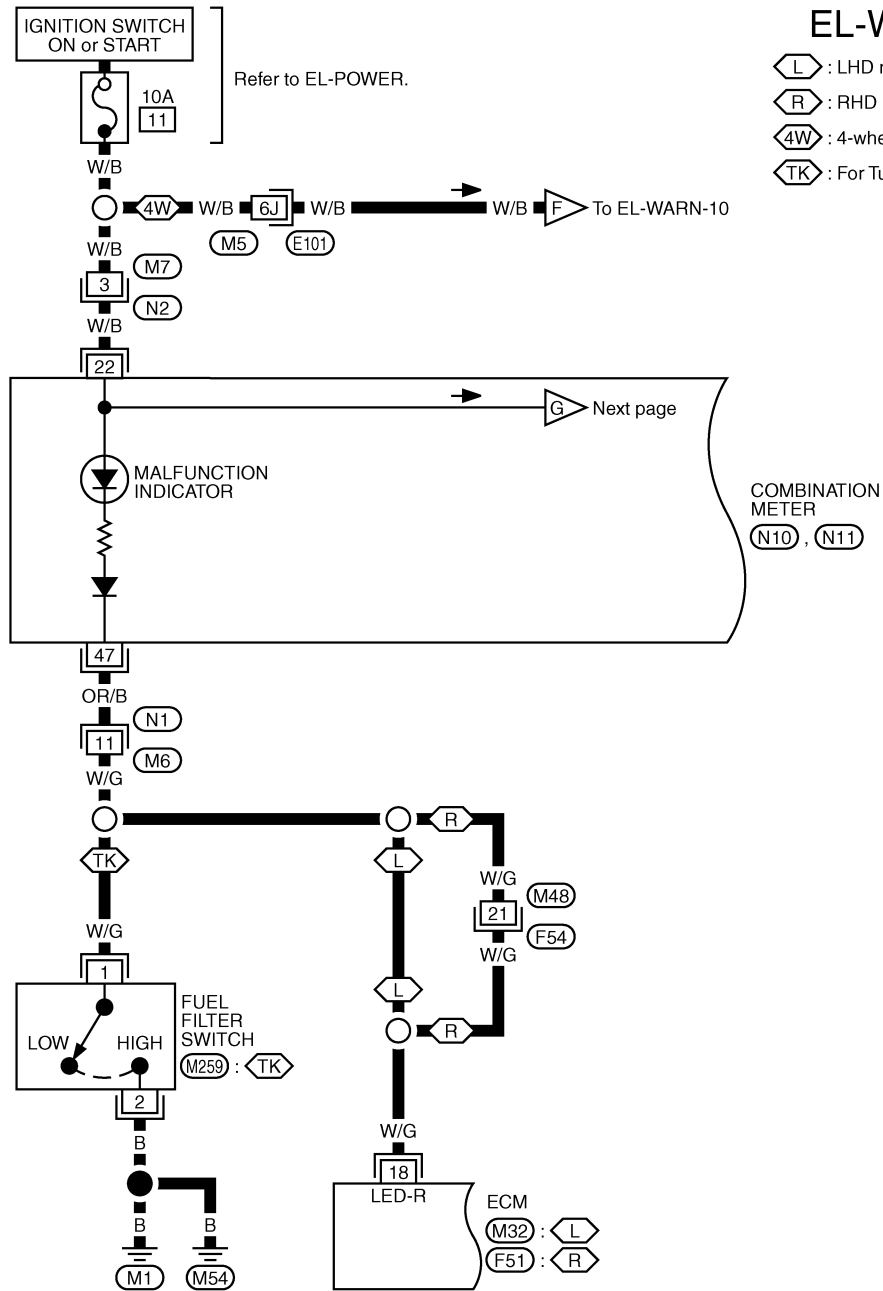
Schematic/Without Tachometer for Europe

(AS) : With ABS
 (AB) : With air bag
 (4W) : 4-wheel drive models
 (TK) : For Turkey



WARNING LAMPS

Wiring Diagram — WARN —/Diesel Engine without Tachometer



Refer to last page (Foldout page).

M5, E101

M32

F51

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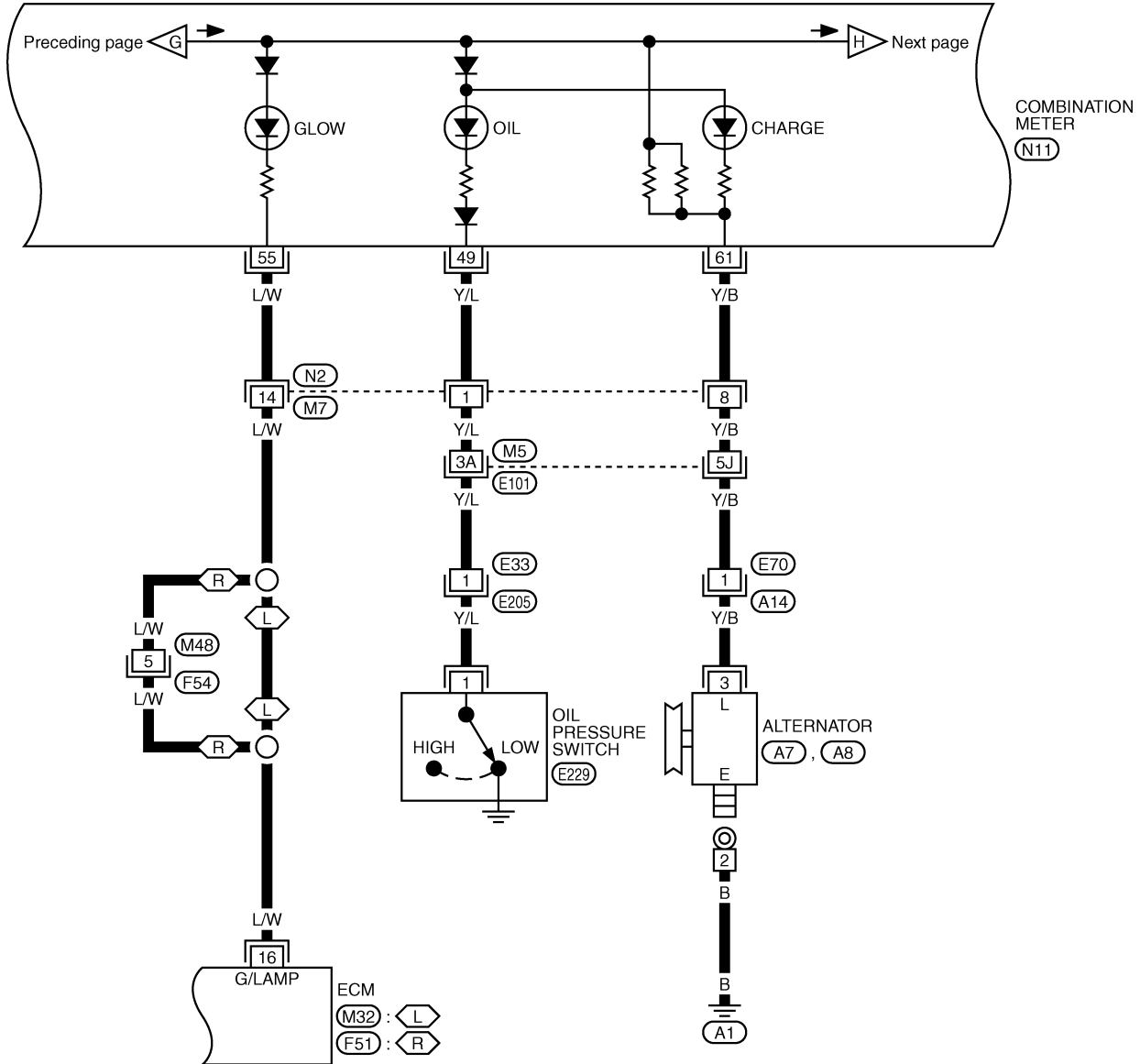
WARNING LAMPS

Wiring Diagram — WARN —/Diesel Engine without Tachometer (Cont'd)

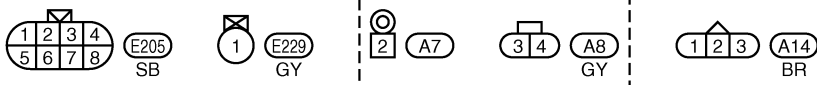
EL-WARN-07

: LHD models

: RHD models



1	2	3	4	5	6	7	8	9	10	11	N2	F54	41	42	43	44	45	46	47	48	49	50	51	N11				
12	13	14	15	16	17	18	19	20	21	22	23	24	BR	W	52	53	54	55	56	57	58	59	60	61	62	63	64	W



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M5, E101

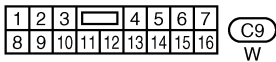
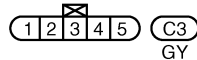
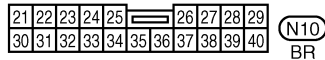
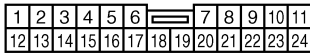
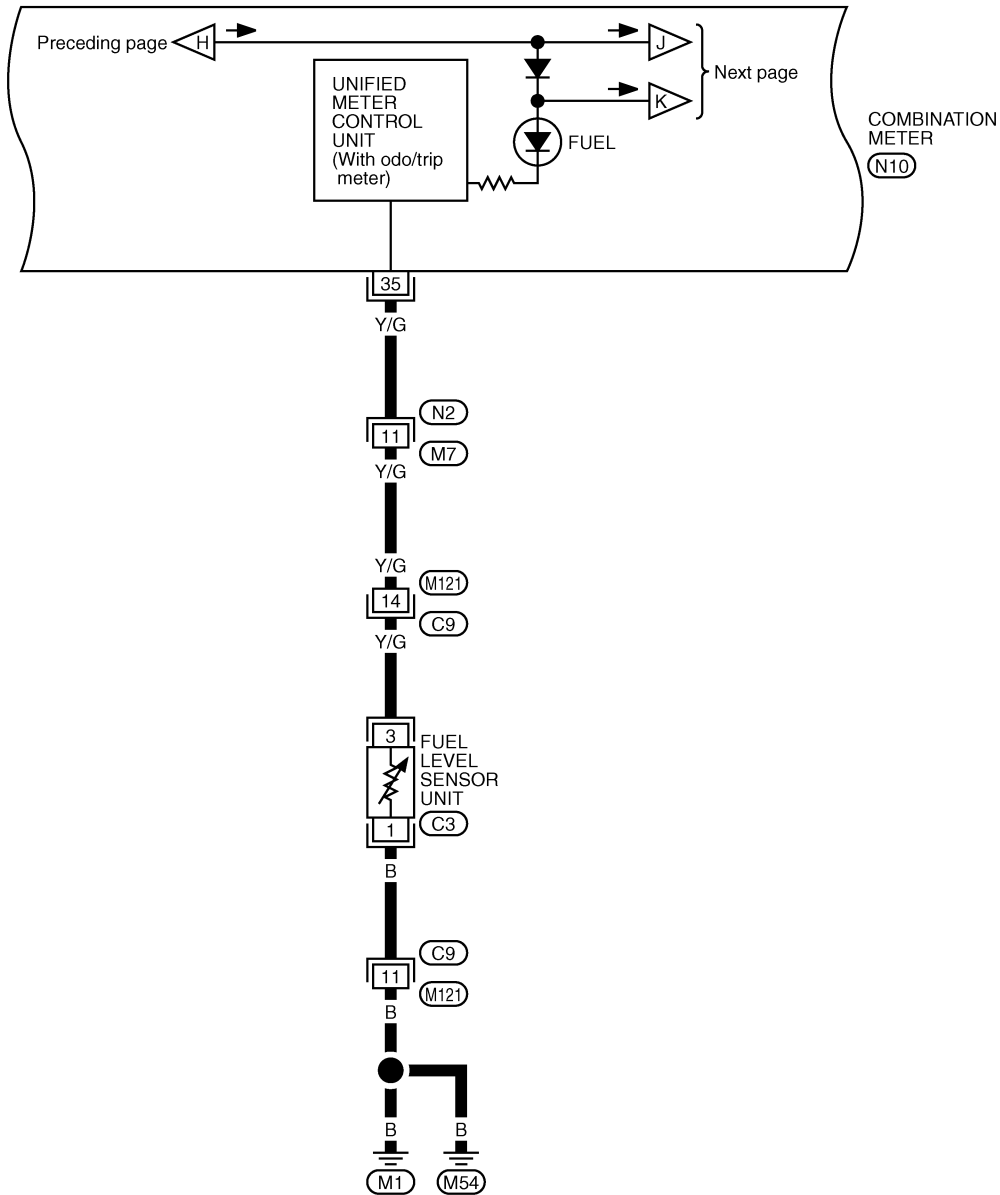
M32

F51

WARNING LAMPS

Wiring Diagram — WARN —/Diesel Engine without Tachometer (Cont'd)

EL-WARN-08



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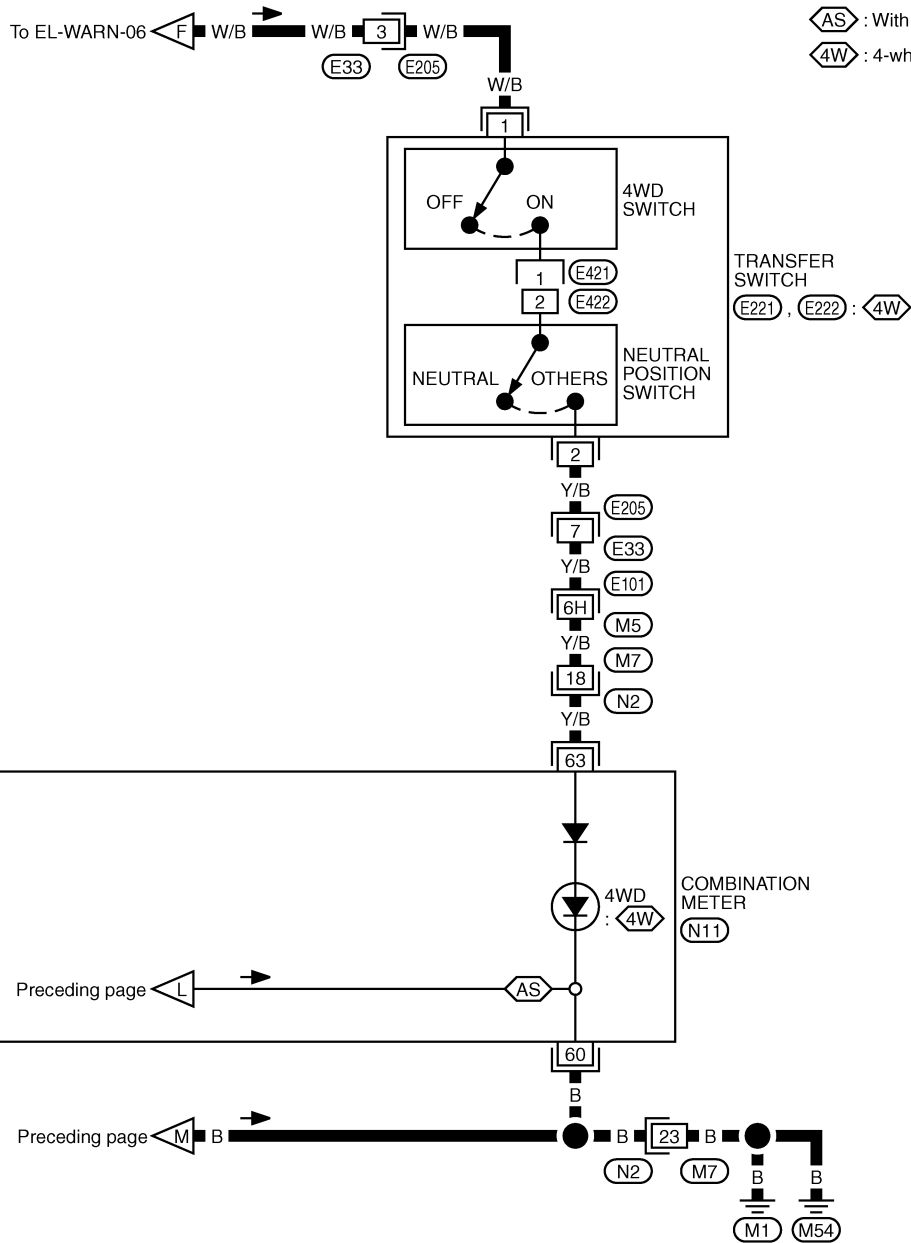
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GEL202B

WARNING LAMPS

Wiring Diagram — WARN —/Diesel Engine without Tachometer (Cont'd)

EL-WARN-10



AS : With ABS

4W : 4-wheel drive models

TRANSFER SWITCH
E221, E222 : 4W

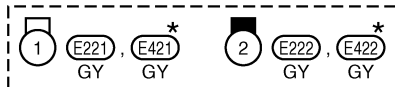
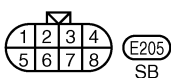
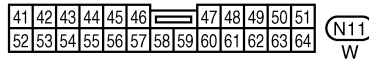
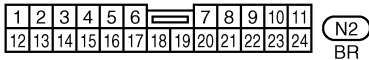
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COMBINATION METER
N11

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M5, E101

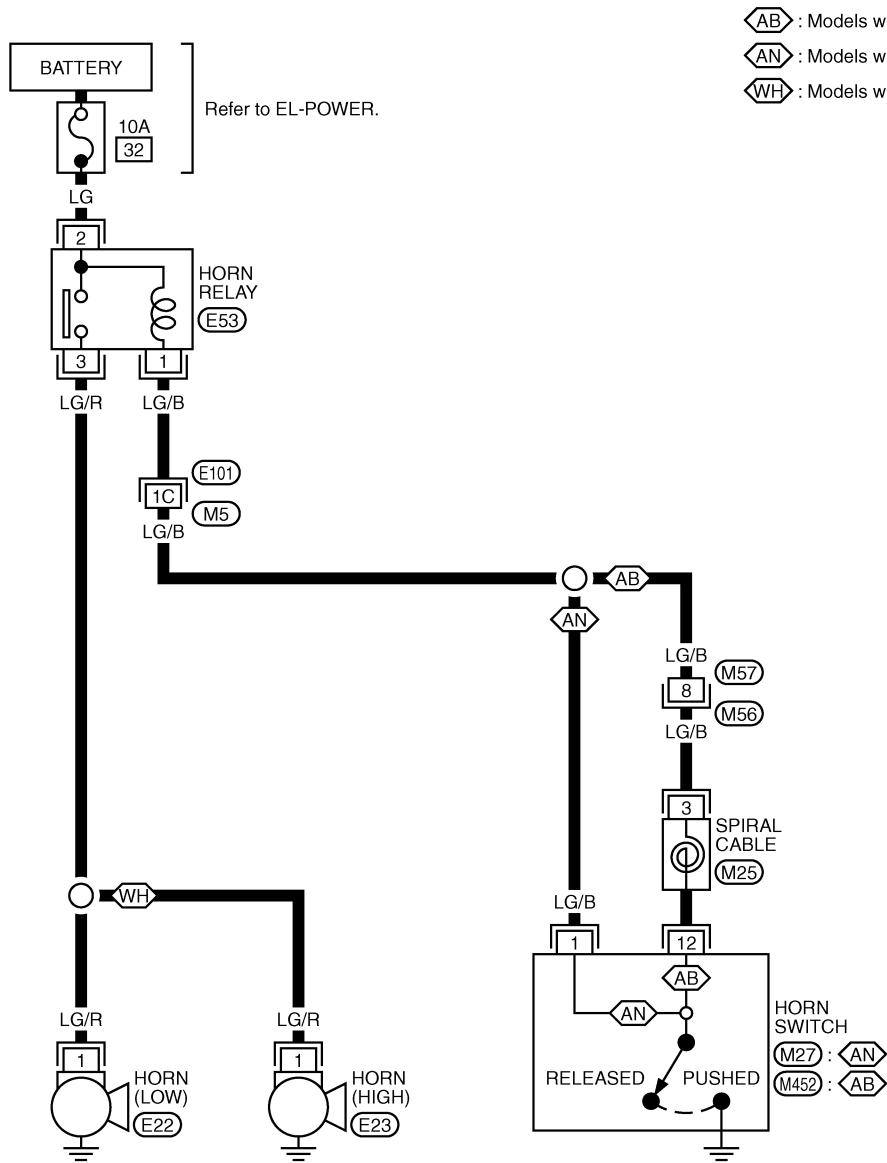


*: This connector is not shown in "HARNESS LAYOUT".

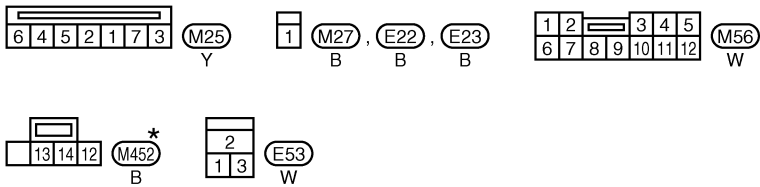
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Wiring Diagram — HORN —

EL-HORN-01



- ⬡AB⬢ : Models with air bag system
- ⬡AN⬢ : Models without air bag system
- ⬡WH⬢ : Models with double horn



Refer to last page (Foldout page).
 (M5), (E101)

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

NOTE:

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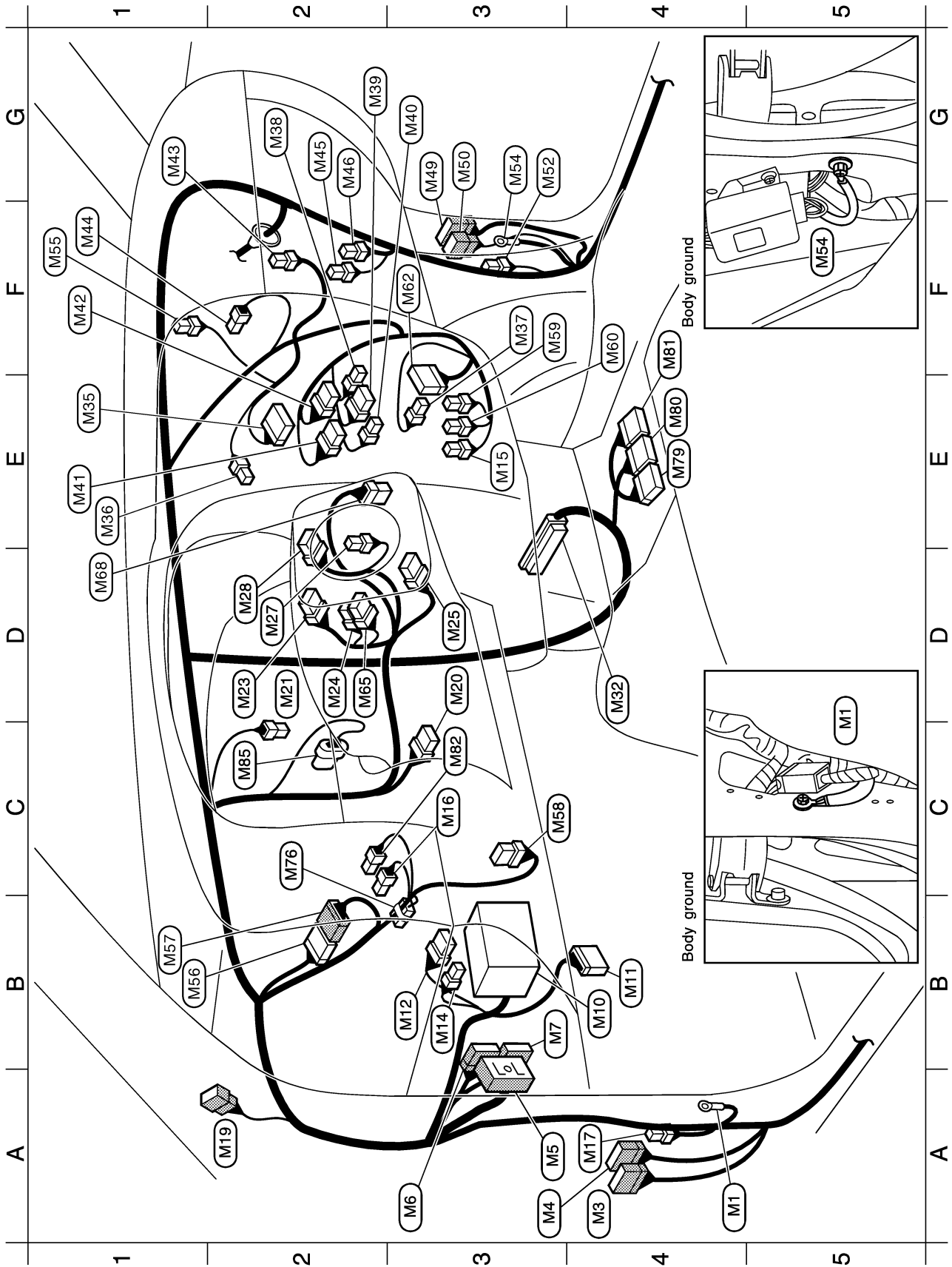
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HARNESS LAYOUT

Main Harness

INSTRUMENT PANEL — LHD MODELS



HARNES LAYOUT

Main Harness (Cont'd)

A4 (M1)	—	: Body ground	G3 (M40)	W/2	: Fan switch illumination
A4 (M3)	W/20	: To (D1)	E1 (M41)	W/8	: Hazard switch
A3 (M4)	W/12	: To (D2) (For power window)	F1 (M42)	W/6	: Defogger switch
A3 (M5)	SMJ	: To (E101)	G1 (M43)	Y/2	: Front passenger air bag module
A3 (M6)	W/24	: To (N1)	F1 (M44)	BR/4	: Thermo control amplifier
B3 (M7)	BR/24	: To (N2)	G2 (M45)	BR/4	: Fan resistor
B4 (M10)	—	: Fuse block	G2 (M46)	W/2	: Blower motor
B4 (M11)	W/16	: Data link connector	G3 (M49)	W/20	: To (D31)
B3 (M12)	W/6	: Fuse block	G3 (M50)	W/6	: To (D32) (For power window)
B3 (M14)	W/4	: Fuse block	G3 (M52)	W/2	: Circuit breaker-2
E3 (M15)	B/3	: Combination flasher unit	G3 (M54)	—	: Body ground
C3 (M16)	B/2	: Stop lamp switch	F1 (M55)	W/2	: Security indicator
A4 (M17)	L/4	: Front fog lamp relay	B1 (M56)	W/12	: To (M57) (With air bag)
A2 (M19)	W/6	: To (R1)	B1 (M57)	W/12	: To (M56) (With air bag)
D3 (M20)	W/6	: Ignition switch	C3 (M58)	BR/8	: Not used
D2 (M21)	W/1	: Parking brake switch (Stick type)	F3 (M59)	BR/6	: Defogger relay
D2 (M23)	BR/8	: Lighting switch, Turn signal lamp switch	F4 (M60)	L/4	: Rear fog lamp relay
D2 (M24)	BR/4	: Lighting switch	F3 (M82)	W/18	: Smart entrance control unit
D3 (M25)	Y/7	: Spiral cable (With air bag)	D2 (M65)	W/6	: Front and rear fog lamp switch
D2 (M27)	B/1	: Horn switch (Without air bag)	D1 (M68)	W/8	: NATS IMMU
D2 (M28)	GY/8	: Wiper and washer switch	C2 (M76)	W/6	: Option connector for theft warning system
D4 (M32)	SMJ	: ECM	E4 (M79)	Y/12	: Air bag diagnosis sensor unit (With air bag)
E1 (M35)	W/16	: Audio unit	E4 (M80)	Y/20	: Air bag diagnosis sensor unit (With air bag)
E1 (M36)	W/4	: Not used	F4 (M81)	Y/12	: Air bag diagnosis sensor unit (With air bag)
F3 (M37)	B/2	: Cigarette lighter	C3 (M82)	B/2	: Brake pedal position switch
G2 (M38)	W/3	: A/C switch	C2 (M85)	GY/6	: Accelerator work unit
G2 (M39)	W/6	: Fan switch			

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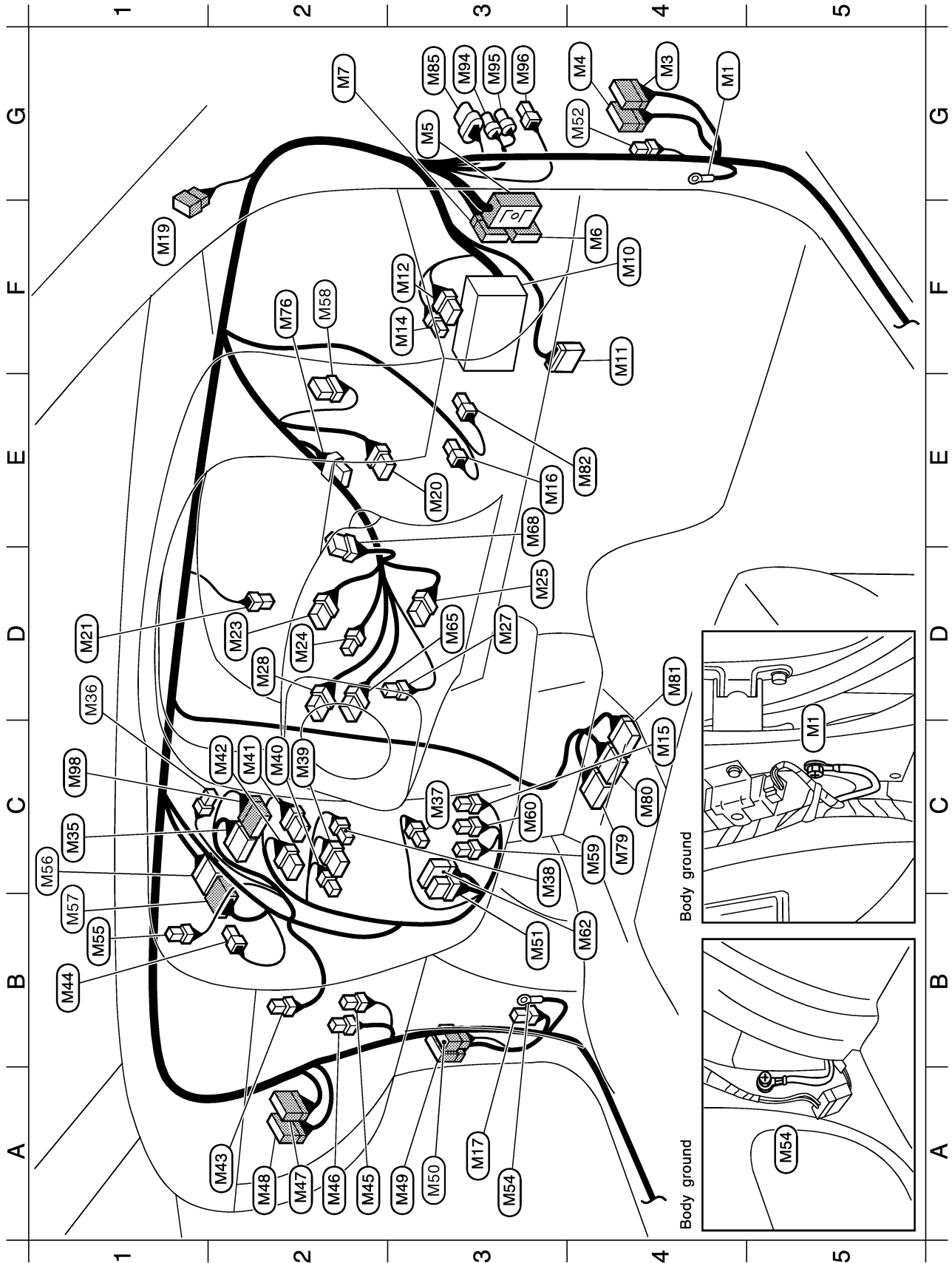
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HARNESS LAYOUT

Main Harness (Cont'd)

INSTRUMENT PANEL — RHD MODELS



HARNES LAYOUT

Main Harness (Cont'd)

G4 (M1)	—	: Body ground	A2 (M46)	W/2	: Blower motor
G4 (M3)	W/20	: To (D1)	A2 (M47)	W/16	: To (F55)
G4 (M4)	W/12	: To (D2) (For power window)	A2 (M48)	W/24	: To (F54)
G3 (M5)	SMJ	: To (E101)	A3 (M49)	W/20	: To (D31)
F4 (M6)	W/24	: To (N1)	A3 (M50)	W/6	: To (D32) (For power window)
G2 (M7)	BR/24	: To (N2)	B3 (M51)	W/8	: Door lock timer (Except for Europe)
F4 (M10)	—	: Fuse block	G4 (M52)	W/2	: Circuit breaker-2 (For Europe)
F4 (M11)	W/16	: Data link connector	A3 (M54)	—	: Body ground
F3 (M12)	W/6	: Fuse block	B1 (M55)	W/2	: Security indicator (For Europe)
F3 (M14)	W/4	: Fuse block	C1 (M56)	W/12	: To (M57) (With air bag)
C4 (M15)	B/3	: Combination flasher unit	B1 (M57)	W/12	: To (M56) (With air bag)
E3 (M16)	B/2	: Stop lamp switch	F2 (M58)	BR/8	: Not used (For Europe)
A3 (M17)	L/4	: Front fog lamp relay (For Europe)	C4 (M59)	BR/6	: Defogger relay
F1 (M19)	W/6	: To (R1)	C3 (M60)	L/4	: Rear fog lamp relay (For Europe)
E3 (M20)	W/6	: Ignition switch	B4 (M62)	W/18	: Smart entrance control unit (For Europe)
D1 (M21)	W/1	: Parking brake switch (Stick type)	D3 (M65)	W/6	: Front and rear fog lamp switch (For Europe)
D2 (M23)	BR/8	: Lighting switch, Turn signal lamp switch	E3 (M68)	W/8	: NATS IMMU (For Europe)
D2 (M24)	BR/4	: Lighting switch	F2 (M76)	W/6	: Option connector for theft warning system (For Europe)
D3 (M25)	Y/7	: Spiral cable (With air bag)	C4 (M79)	Y/12	: Air bag diagnosis sensor unit (With air bag)
D3 (M27)	B/1	: Horn switch (Without air bag)	C4 (M80)	Y/20	: Air bag diagnosis sensor unit (With air bag)
D2 (M28)	GY/8	: Wiper and washer switch	D4 (M81)	Y/12	: Air bag diagnosis sensor unit (With air bag)
C1 (M35)	W/16	: Audio unit (For Europe)	E4 (M82)	B/2	: Brake pedal position switch (YD engine)
D1 (M36)	W/4	: Not used (For Europe)	G3 (M85)	GY/6	: Accelerator work unit (YD engine)
C3 (M37)	B/2	: Cigarette lighter	G3 (M84)	BR/3	: Accelerator position sensor (ZD engine)
C3 (M38)	W/3	: A/C switch	G3 (M95)	GY/3	: Accelerator position switch (ZD engine)
C2 (M39)	W/6	: Fan switch	G3 (M96)	W/3	: Accelerator switch (F/C) (ZD engine)
C2 (M40)	W/2	: Fan switch illumination	C1 (M98)	W/12	: Audio unit (Via sub-harness) (For Australia)
C2 (M41)	W/8	: Hazard switch			
C2 (M42)	W/6	: Defogger switch			
A2 (M43)	Y/2	: Front passenger air bag module			
B1 (M44)	BR/4	: Thermo control amplifier			
A2 (M45)	BR/4	: Fan resistor			

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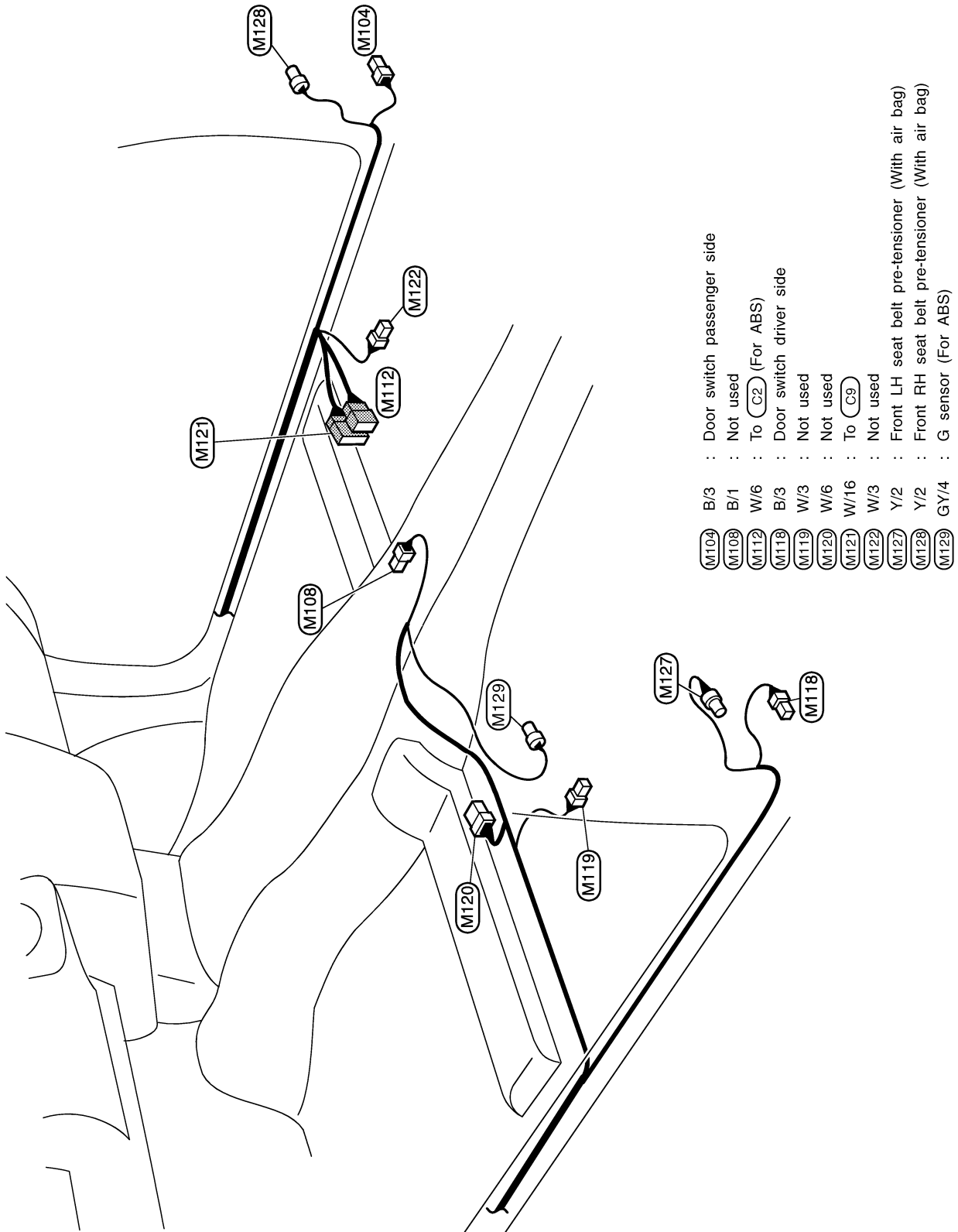
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HARNESS LAYOUT

Main Harness (Cont'd)

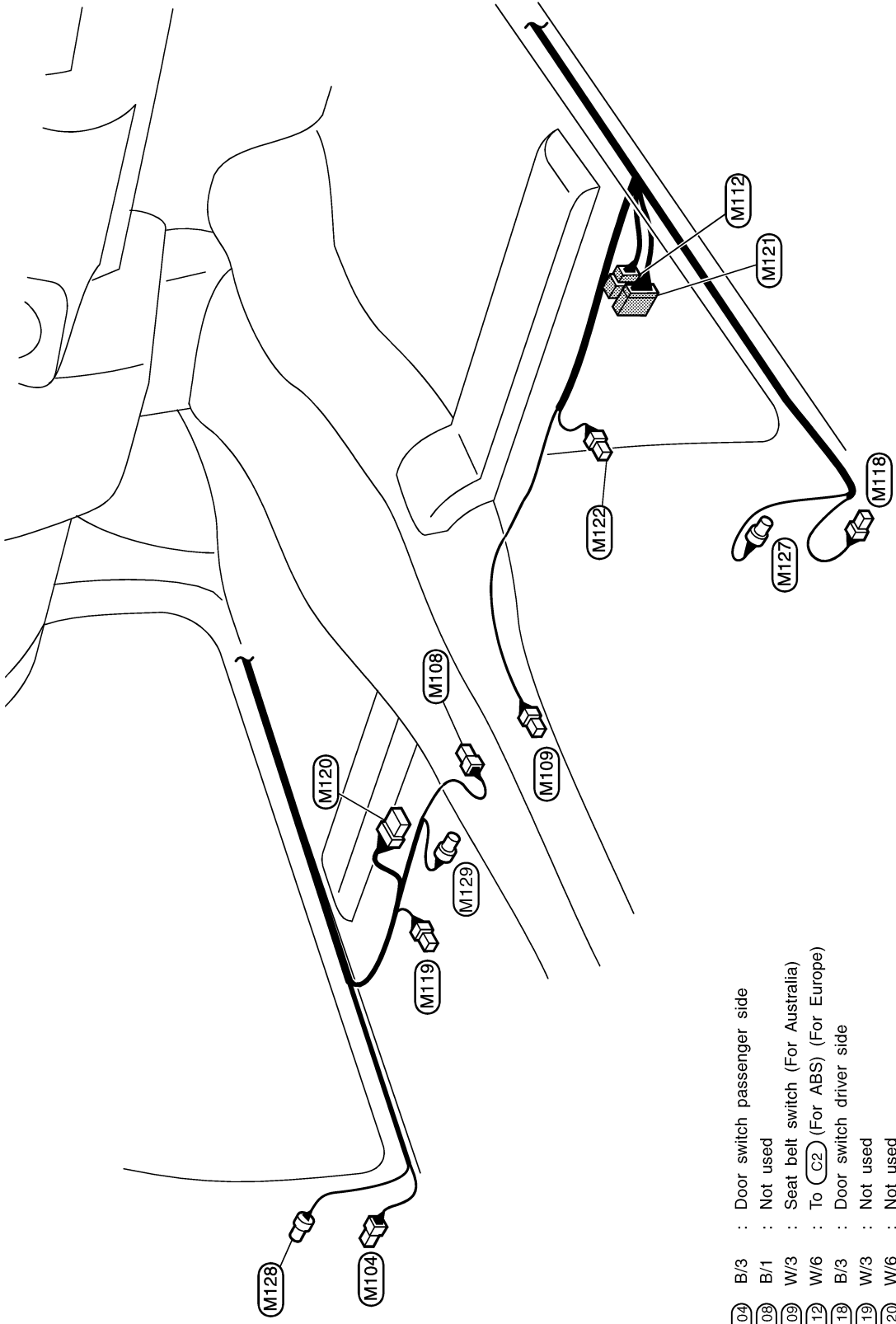
BODY SIDE — LHD MODELS



HARNESS LAYOUT

Main Harness (Cont'd)

BODY SIDE — RHD MODELS



- M104 : Door switch passenger side
- M108 : Not used
- M109 : Seat belt switch (For Australia)
- M112 : To C2 (For Europe)
- M118 : Door switch driver side
- M119 : Not used
- M120 : Not used
- M121 : To C9
- M122 : Not used
- M127 : Front RH seat belt pre-tensioner (With air bag)
- M128 : Front LH seat belt pre-tensioner (With air bag)
- M129 : G sensor (For ABS) (For Europe)

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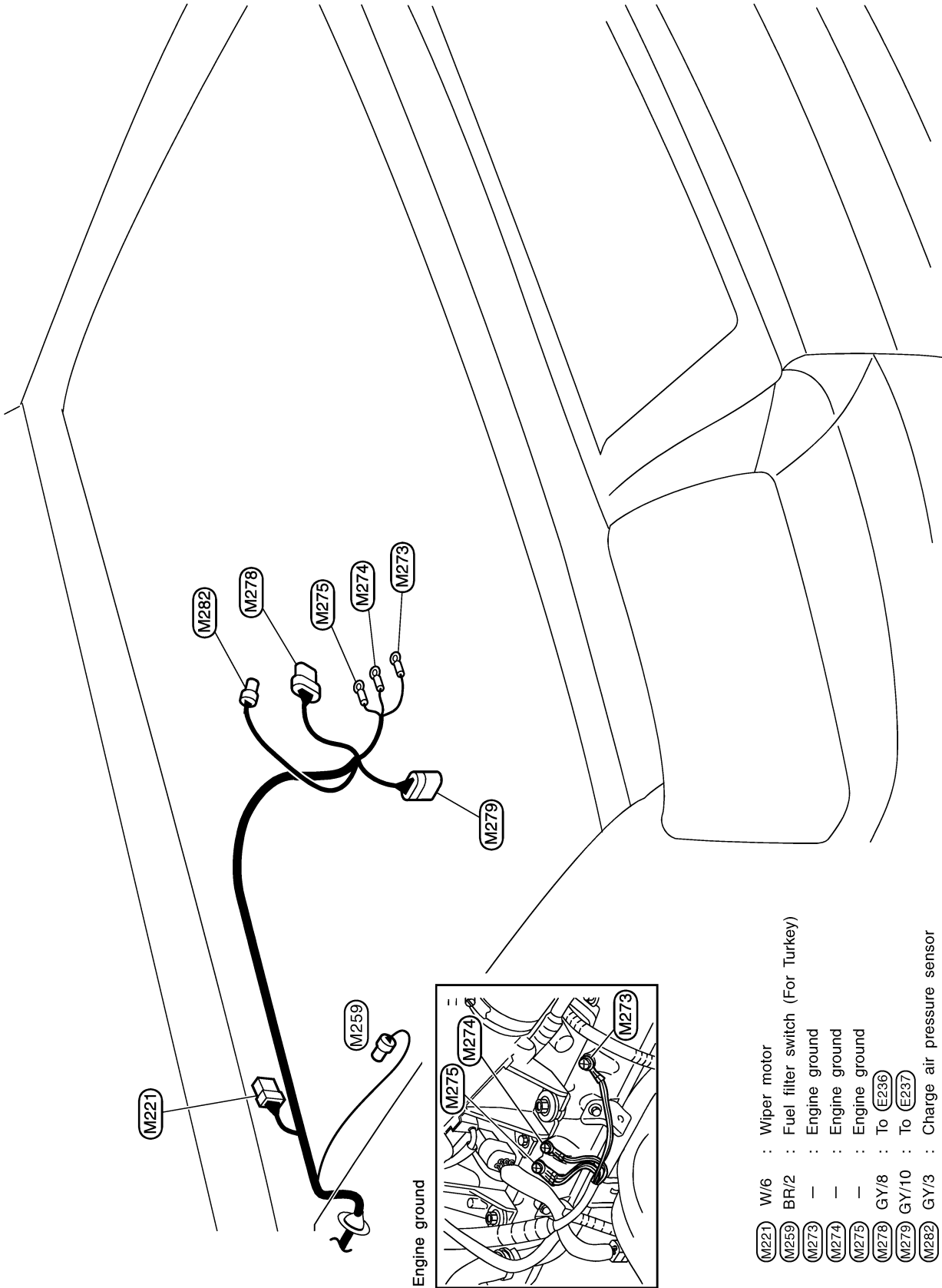
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HARNESS LAYOUT

Main Harness (Cont'd)

ENGINE COMPARTMENT — YD ENGINE (LHD models)



HARNESS LAYOUT

Engine Harness

YD ENGINE

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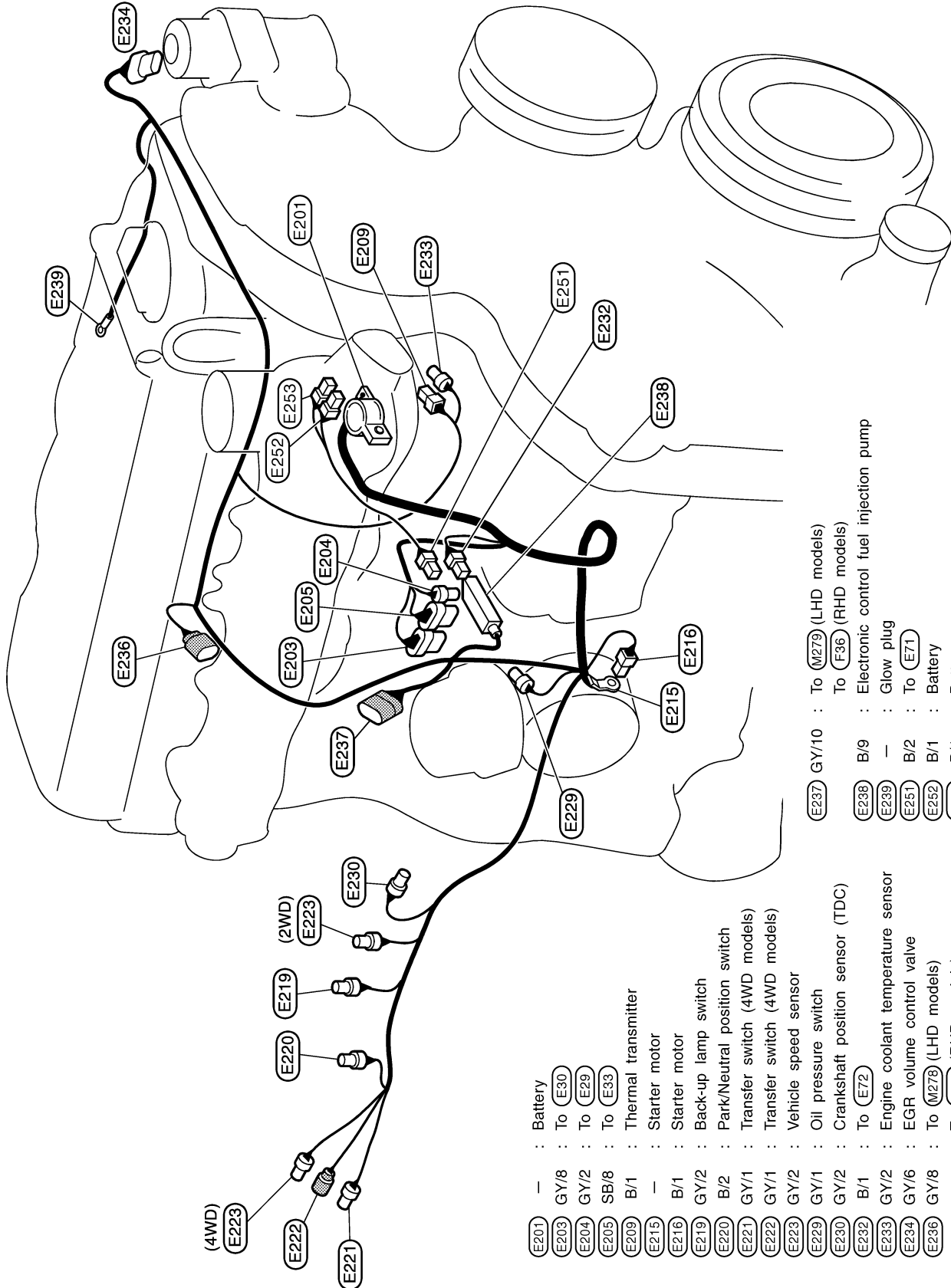
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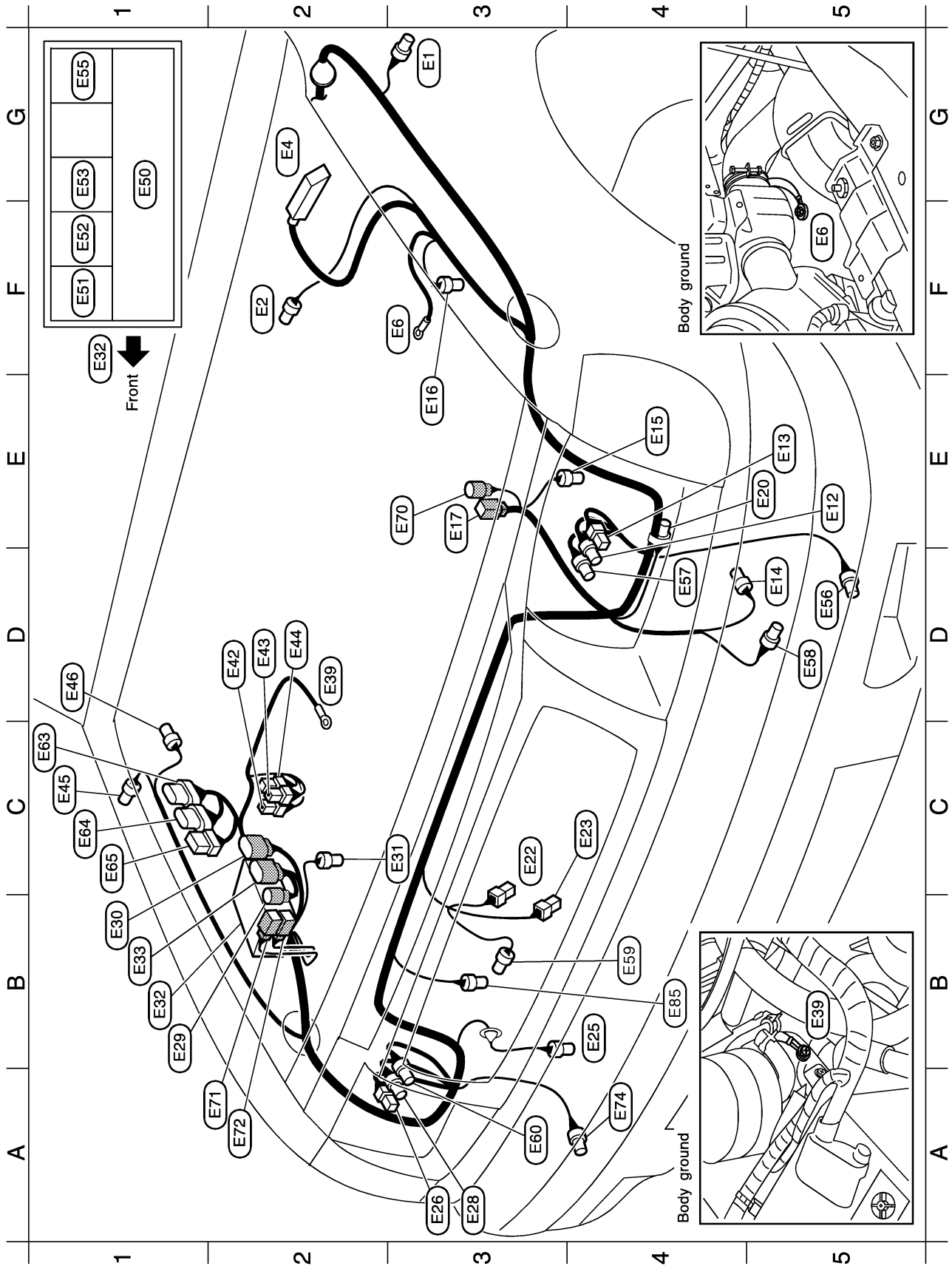
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HARNESS LAYOUT

Engine Room Harness

LHD MODELS



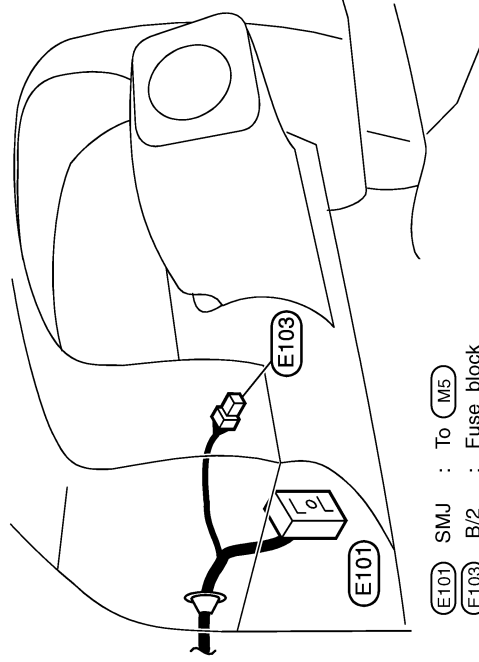
HARNESS LAYOUT

Engine Room Harness (Cont'd)

G1 (E55)	BR/6	: ECM relay
D5 (E56)	B/2	: Front fog lamp LH
D4 (E57)	-/3	: Headlamp aiming motor LH (Except for Turkey)
D5 (E58)	GY/2	: Headlamp washer pump (Except for Turkey)
B4 (E59)	B/2	: Not used
A3 (E60)	-/3	: Headlamp aiming motor RH (Except for Turkey)
C1 (E63)	SB/6	: Daytime light unit (With daytime light system)
C1 (E64)	SB/8	: Daytime light unit (With daytime light system)
C1 (E65)	W/6	: Headlamp washer amplifier (Except for Turkey)
E3 (E70)	BR/3	: To (A14)
A2 (E71)	B/2	: To (E251)
A2 (E72)	B/2	: To (E232)
A4 (E74)	B/2	: Front fog lamp RH
B4 (E85)	GY/2	: Cooling fan motor

G3 (E1)	GY/2	: Side turn signal lamp LH
F2 (E2)	GY/2	: Brake fluid level switch (For Europe)
G2 (E4)	B/31	: ABS actuator and electric unit (For ABS)
F3 (E6)	-	: Body ground
E5 (E12)	GY/3	: Front combination lamp LH
E5 (E13)	B/3	: Headlamp LH
D5 (E14)	BR/2	: Washer pump
E4 (E15)	BR/2	: Front wheel sensor LH (For ABS)
E3 (E16)	GY/2	: Intake air temperature sensor
E3 (E17)	B/2	: To (A2)
E5 (E20)	GY/2	: Option connector for hood switch
C3 (E22)	B/1	: Horn low
C4 (E23)	B/1	: Horn high
B4 (E25)	GY/4	: Triple-pressure switch
A3 (E26)	B/3	: Headlamp RH
A3 (E28)	GY/3	: Front combination lamp RH
B1 (E29)	GY/2	: To (E204)
B1 (E30)	GY/8	: To (E203)
C3 (E31)	GY/2	: Front wheel sensor RH (For ABS)
B1 (E32)	-	: Relay box (Fusible link and fuse box)
B1 (E33)	SB/8	: To (E205)
D2 (E39)	-	: Body ground
D2 (E42)	W/1	: Glow relay-1
D2 (E43)	W/1	: Glow relay-1
D2 (E44)	G/2	: Glow relay-1
C1 (E45)	GY/2	: Side turn signal lamp RH
D1 (E46)	GY/3	: Not used
G1 (E50)	-	: Fusible link and fuse box
F1 (E51)	L/4	: Cooling fan relay
F1 (E52)	L/4	: Air conditioner relay
G1 (E53)	W/3	: Horn relay

PASSENGER COMPARTMENT



(E101)	SMJ	: To (M5)
(E103)	B/2	: Fuse block

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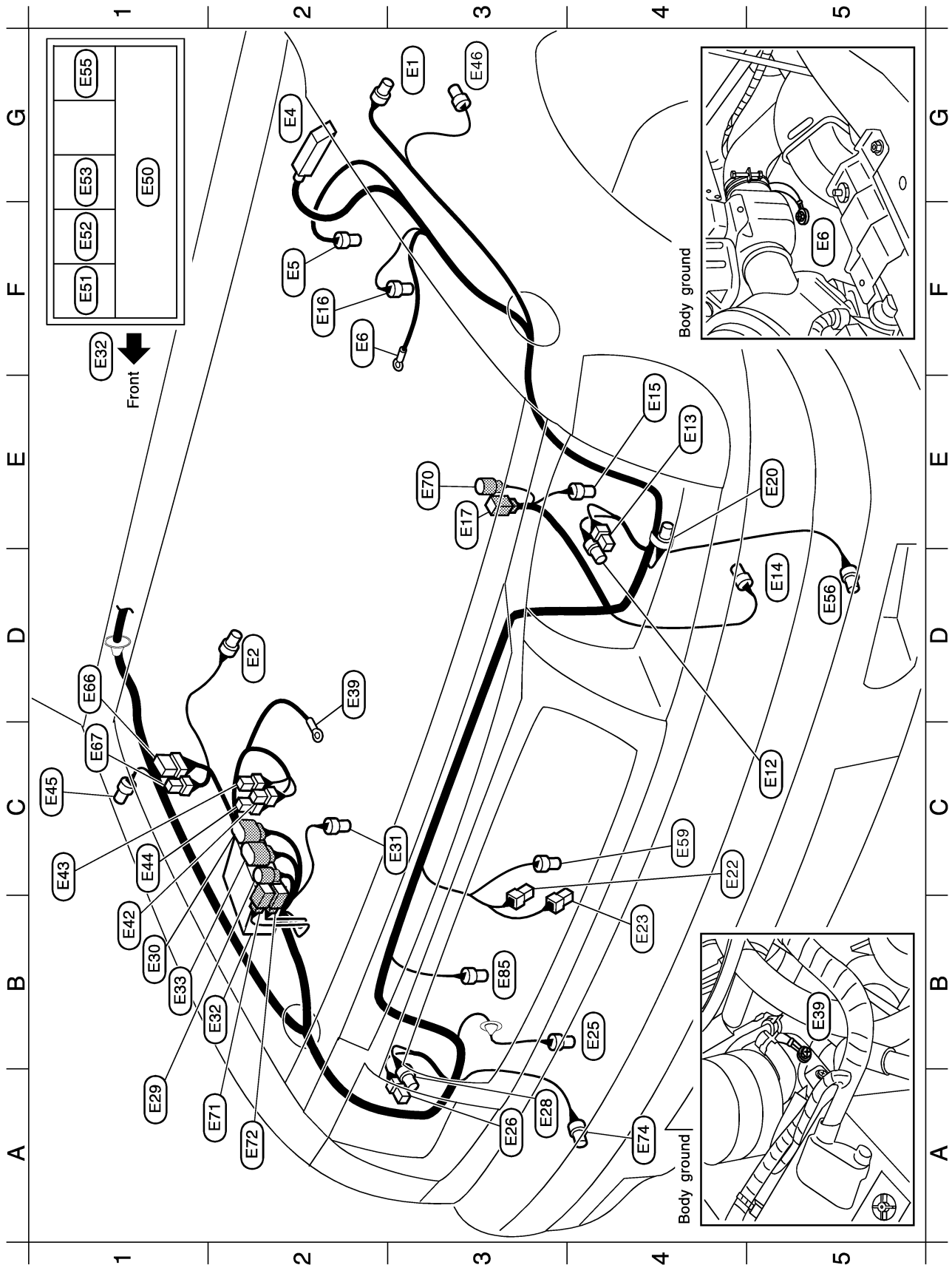
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HARNESS LAYOUT

Engine Room Harness (Cont'd)

RHD MODELS



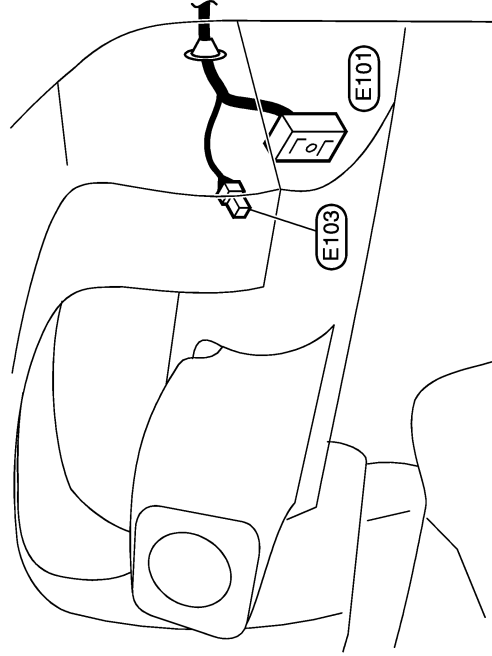
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HARNESS LAYOUT

Engine Room Harness (Cont'd)

- D1 (E66) GY/6 : Dim-dip lamp unit (For Europe)
- C1 (E67) GY/4 : Dim-dip lamp unit (For Europe)
- E3 (E70) BR/3 : To (A14)
- A2 (E71) B/2 : To (E251)
- A2 (E72) B/1 : To (E232)
- A4 (E74) B/2 : Front fog lamp RH
- B3 (E85) GY/2 : Cooling fan motor

PASSENGER COMPARTMENT



- (E101) SMJ : To (M5)
- (E103) B/2 : Fuse block

- G3 (E1) GY/2 : Side turn signal lamp LH
- D2 (E2) GY/2 : Brake fluid level switch
- G2 (E4) B/31 : ABS actuator and electric unit (For ABS)
- F2 (E5) BR/2 : Fuel filter switch (For Australia)
- F2 (E6) — : Body ground
- C5 (E12) GY/3 : Front combination lamp LH
- E4 (E13) B/3 : Headlamp LH
- D5 (E14) GY/2 : Washer pump
- E4 (E15) BR/2 : Front wheel sensor LH (For ABS)
- F2 (E16) GY/2 : Intake air temperature sensor
- E3 (E17) B/2 : To (A2)
- E5 (E20) GY/2 : Option connector for hood switch (For Europe)
- C4 (E22) B/1 : Horn low
- B4 (E23) B/1 : Horn high (For Europe)
- B4 (E25) GY/4 : Triple-pressure switch
- A3 (E26) B/3 : Headlamp RH
- A3 (E28) GY/3 : Front combination lamp RH
- A1 (E29) GY/2 : To (E204)
- B1 (E30) GY/8 : To (E203)
- C3 (E31) GY/2 : Front wheel sensor RH (For ABS)
- B2 (E32) — : Relay box (Fusible link and fuse box)
- B1 (E33) SB/8 : To (E205)
- D2 (E39) — : Body ground
- B1 (E42) W/1 : Glow relay-1
- C1 (E43) W/1 : Glow relay-1
- C1 (E44) G/2 : Glow relay-1
- C1 (E45) GY/2 : Side turn signal lamp RH
- G3 (E46) GY/3 : Not used (For Europe)
- G1 (E50) — : Fusible link and fuse box
- F1 (E51) L/4 : Cooling fan relay
- F1 (E52) L/4 : Air conditioner relay
- G1 (E53) W/3 : Horn relay
- G1 (E55) BR/6 : ECM relay
- D5 (E56) B/2 : Front fog lamp LH
- C4 (E59) B/2 : Not used

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