ELECTRICAL SYSTEM

SECTION EL

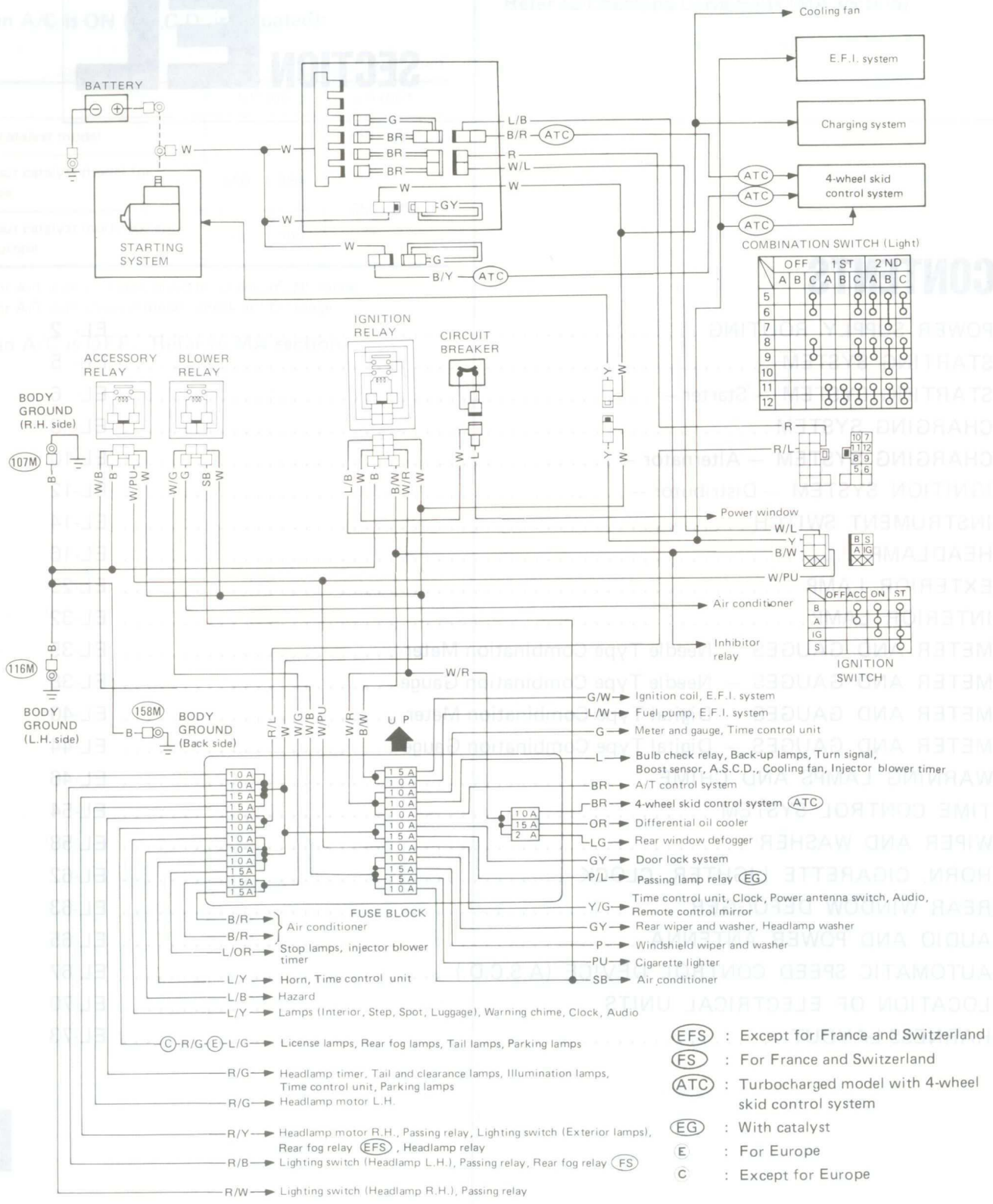
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POWER SUPPLY ROUTING

Wiring Diagram

L.H. drive model for Europe



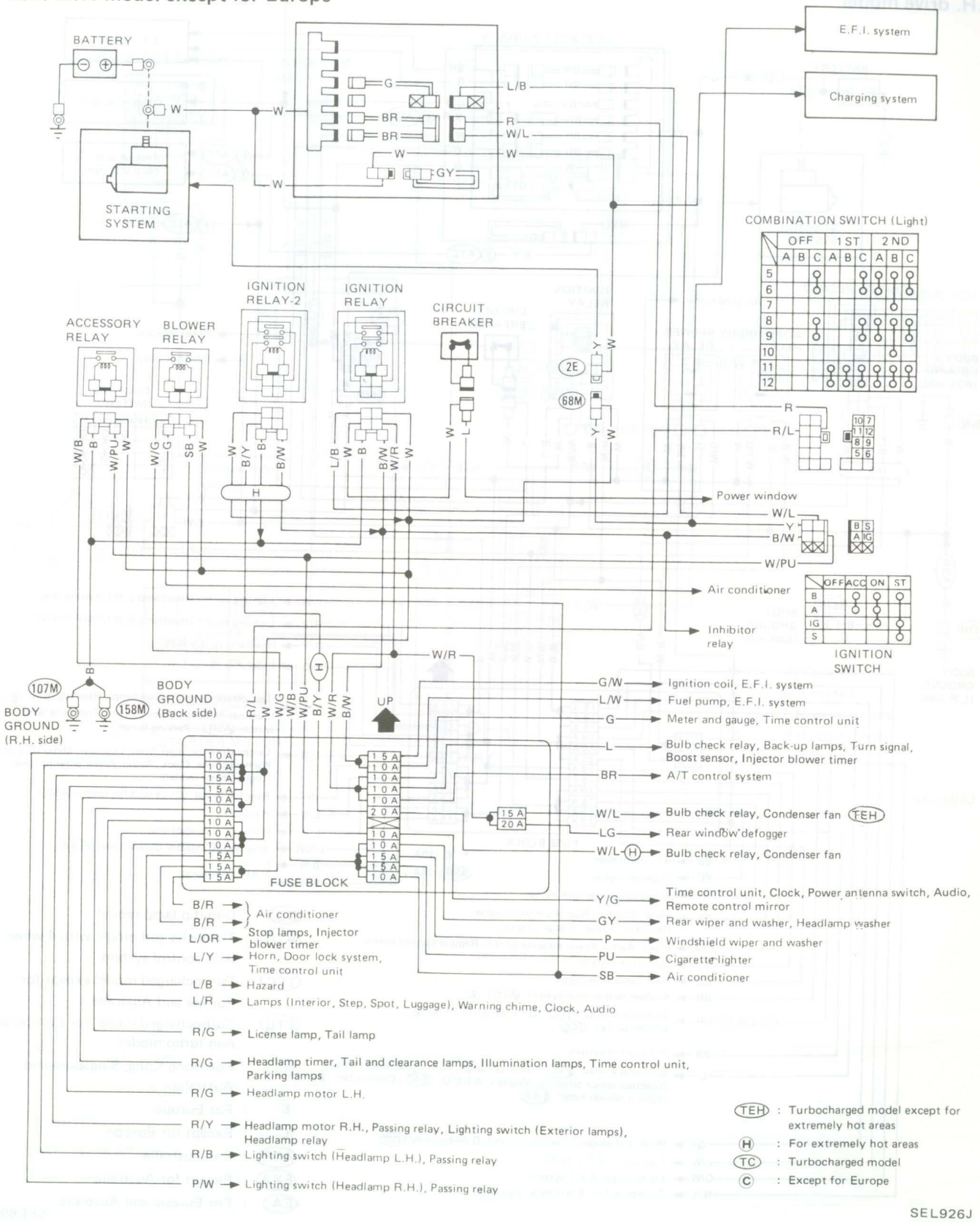
(EFS) : Except for France and Switzerland
(FS) : For France and Switzerland
(ATC) : Turbocharged model with 4-wheel skid control system
(EG) : With catalyst
E : For Europe
C : Except for Europe

SEL694J

POWER SUPPLY ROUTING

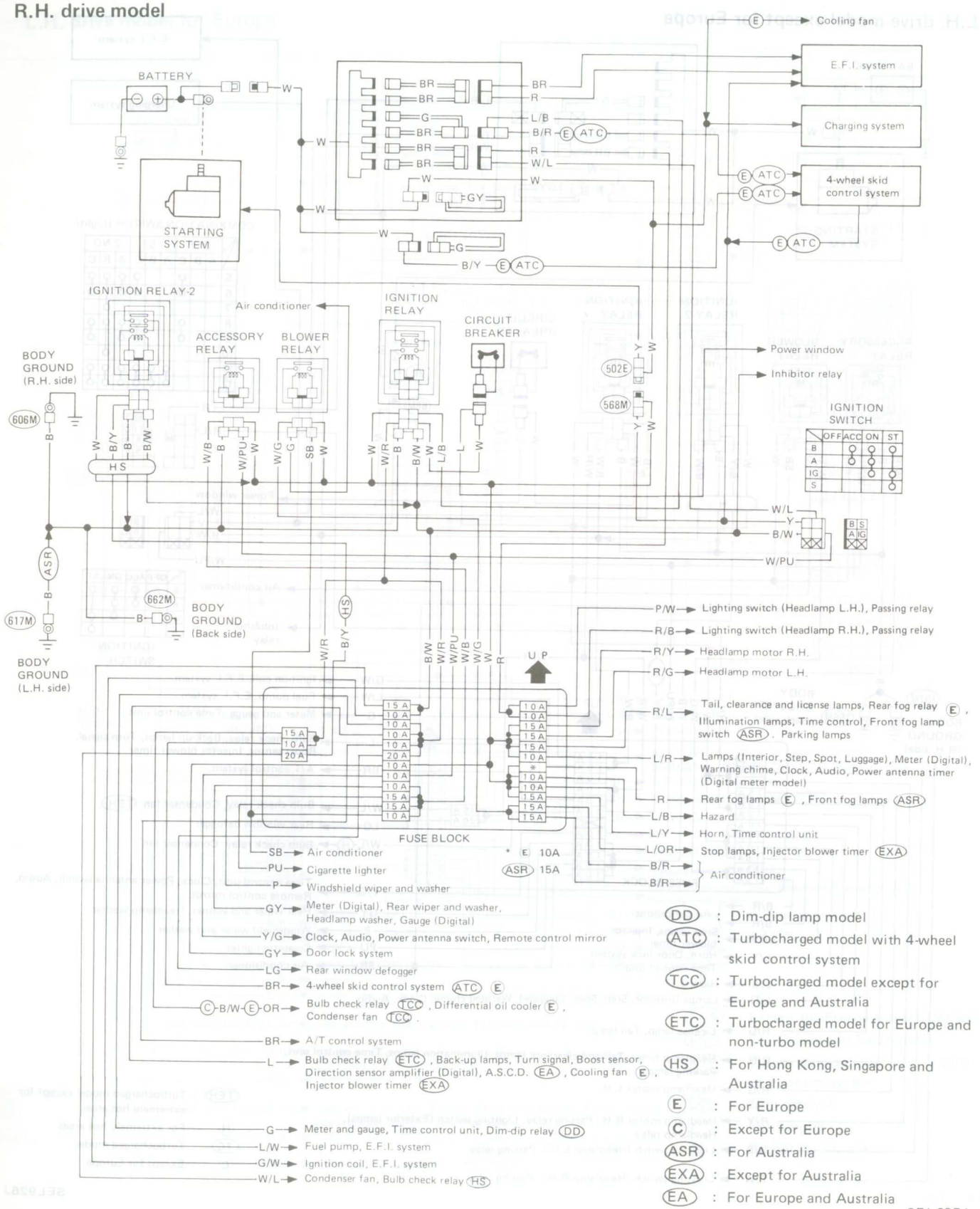
Wiring Diagram (Cont'd)

L.H. drive model except for Europe



Wiring Diagram (Cont'd)

R.H. drive model

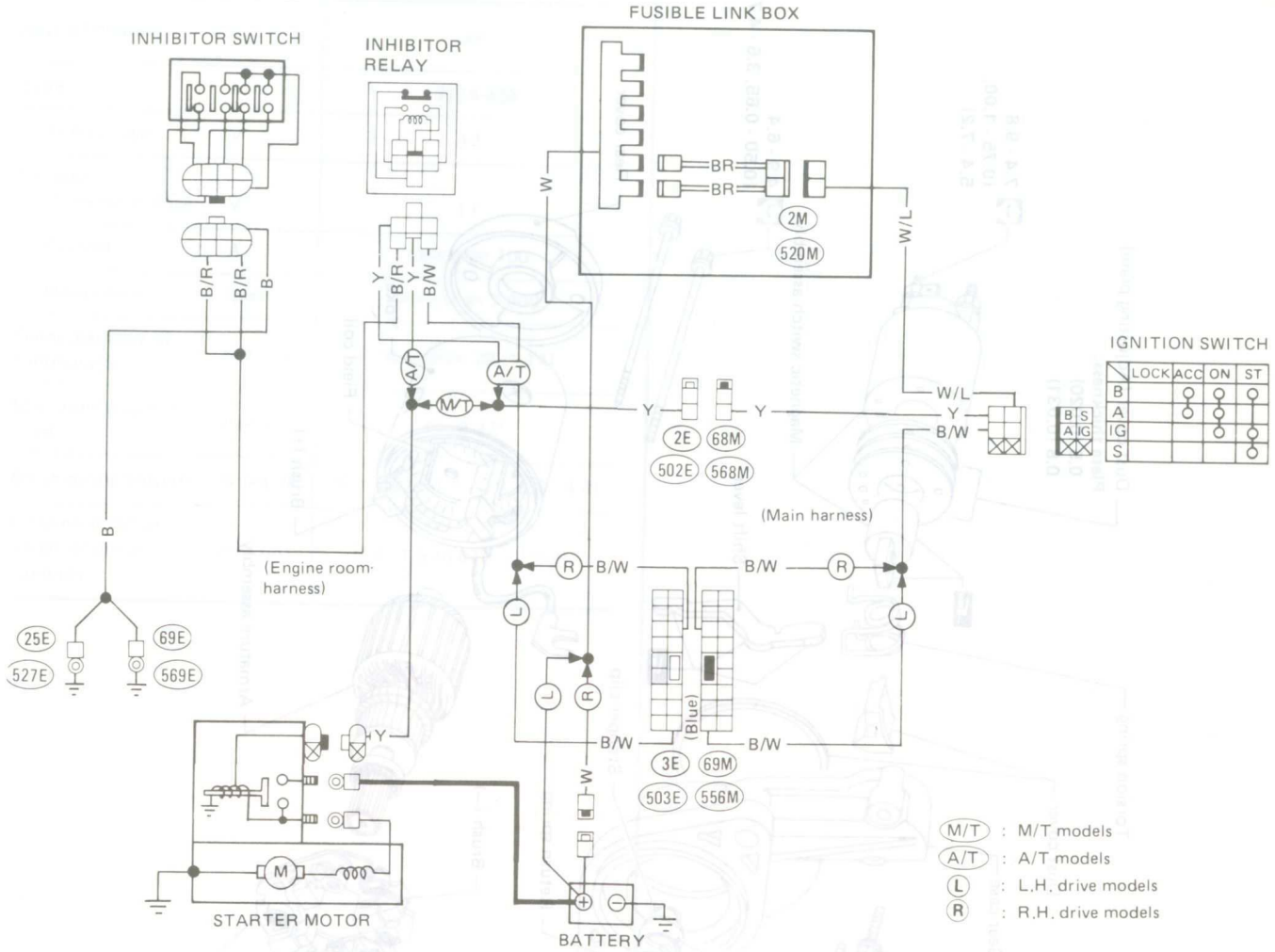


(DD) : Dim-dip lamp model
(ATC) : Turbocharged model with 4-wheel skid control system
(TCC) : Turbocharged model except for Europe and Australia
(ETC) : Turbocharged model for Europe and non-turbo model
(HS) : For Hong Kong, Singapore and Australia
(E) : For Europe
(C) : Except for Europe
(ASR) : For Australia
(EXA) : Except for Australia
(EA) : For Europe and Australia

SEL695J

STARTING SYSTEM

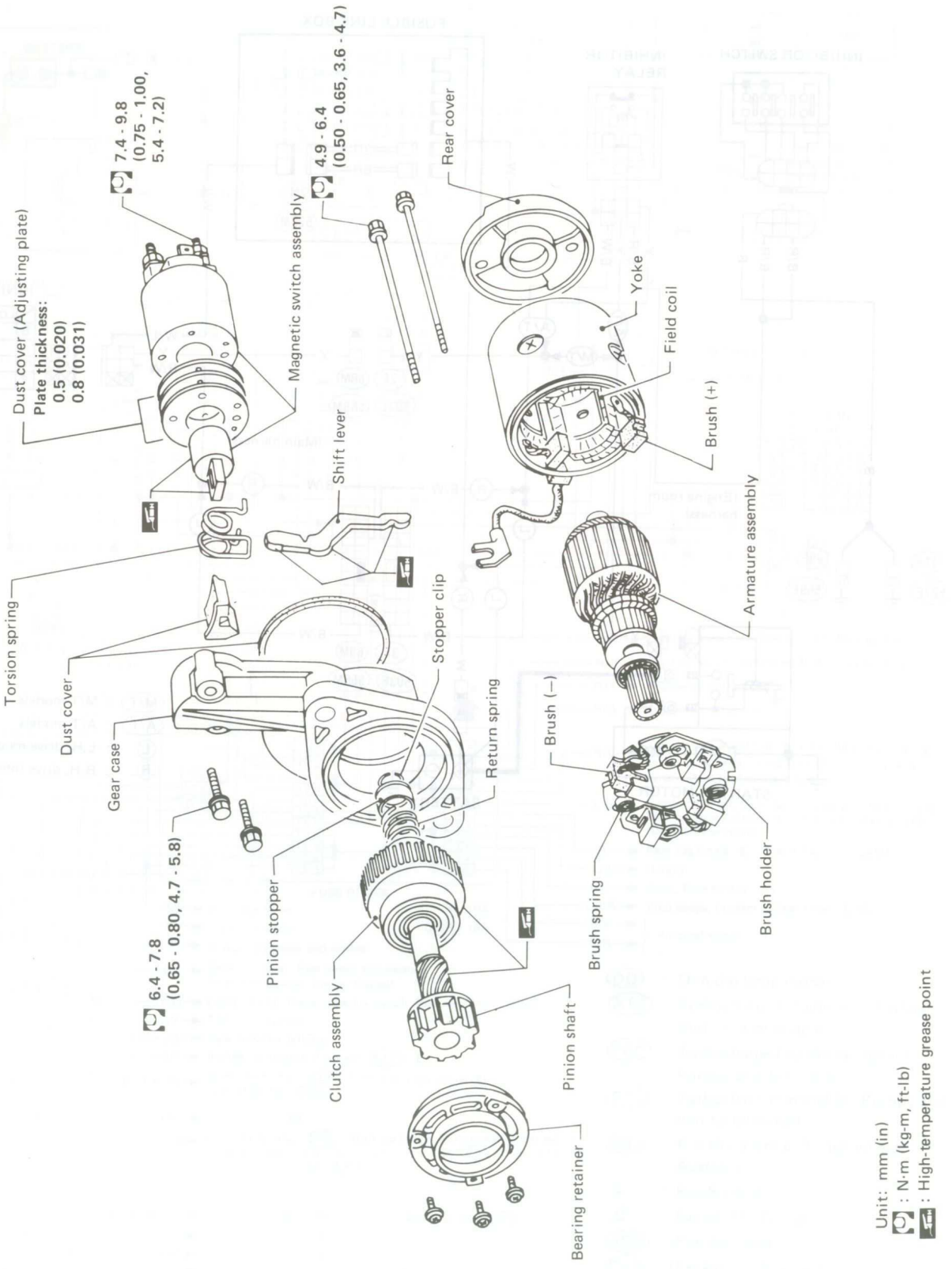
Wiring Diagram



SEL696J

Construction

S114-458

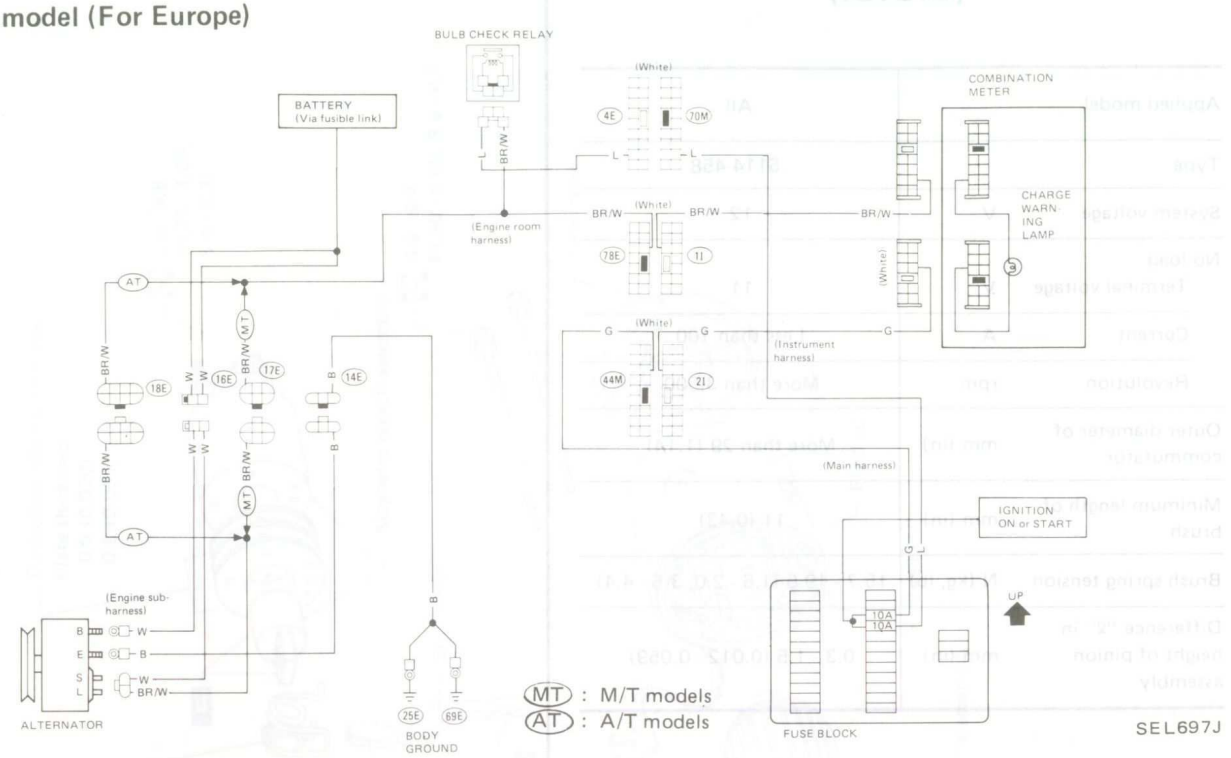


Service Data and Specifications (S.D.S.)

Applied model		All
Type		S114-458
System voltage	V	12
No-load		
Terminal voltage	V	11
Current	A	Less than 100
Revolution	rpm	More than 3,900
Outer diameter of commutator	mm (in)	More than 29 (1.14)
Minimum length of brush	mm (in)	11 (0.43)
Brush spring tension	N (kg, lb)	15.7 - 19.6 (1.6 - 2.0, 3.5 - 4.4)
Difference "ℓ" in height of pinion assembly	mm (in)	0.3 - 1.5 (0.012 - 0.059)

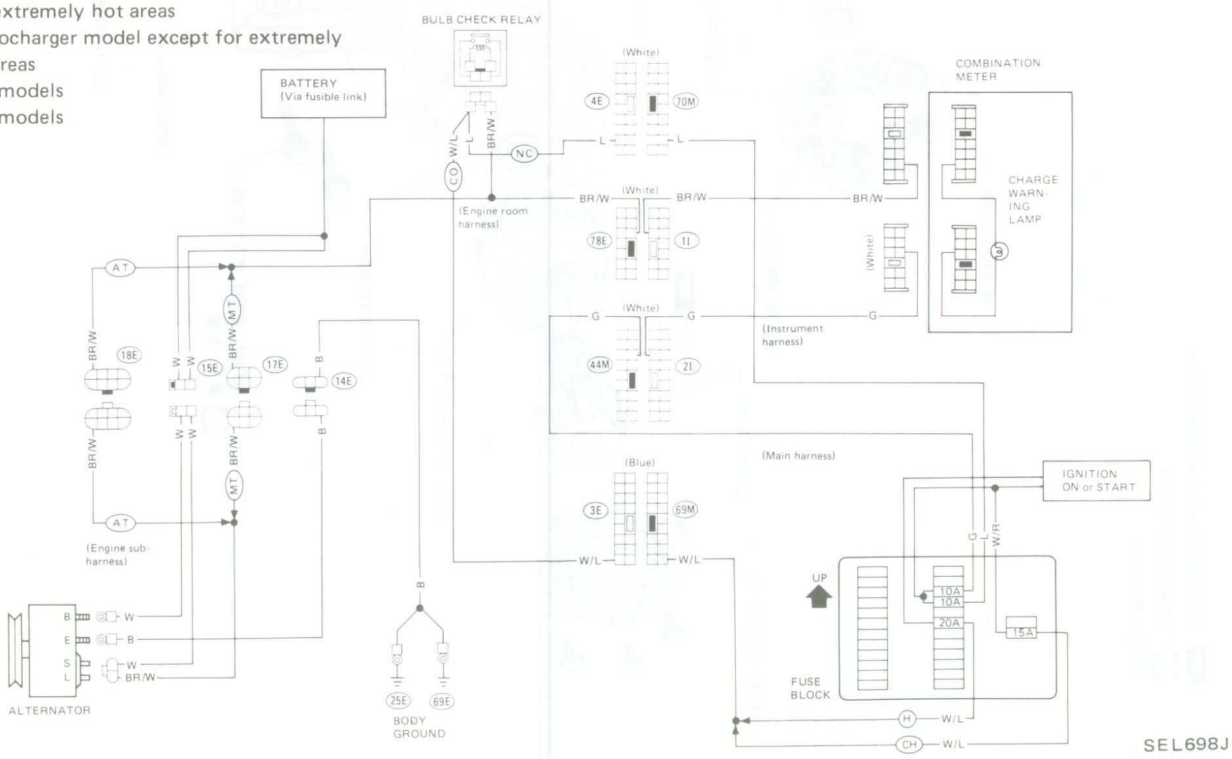
Wiring Diagram

L.H. drive model (For Europe)



L.H. drive model (Except for Europe)

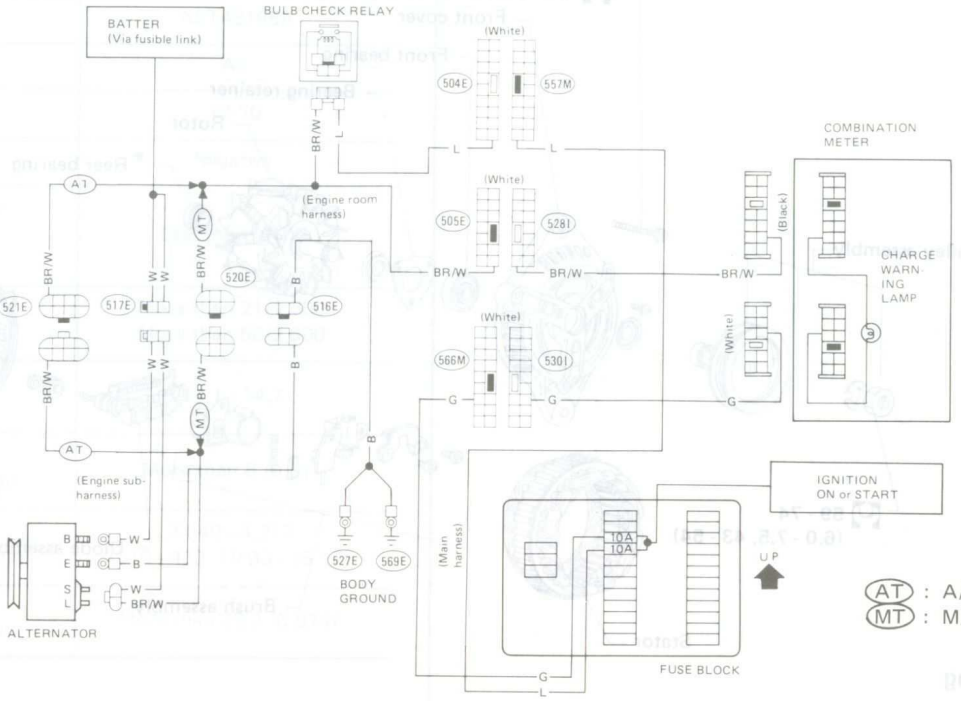
CO : Equipped with condenser fan
NC : Non-turbocharger model not equipped with condenser fan
H : For extremely hot areas
CH : Turbocharger model except for extremely hot areas
MT : M/T models
AT : M/T models



CHARGING SYSTEM

Wiring Diagram (Cont'd)

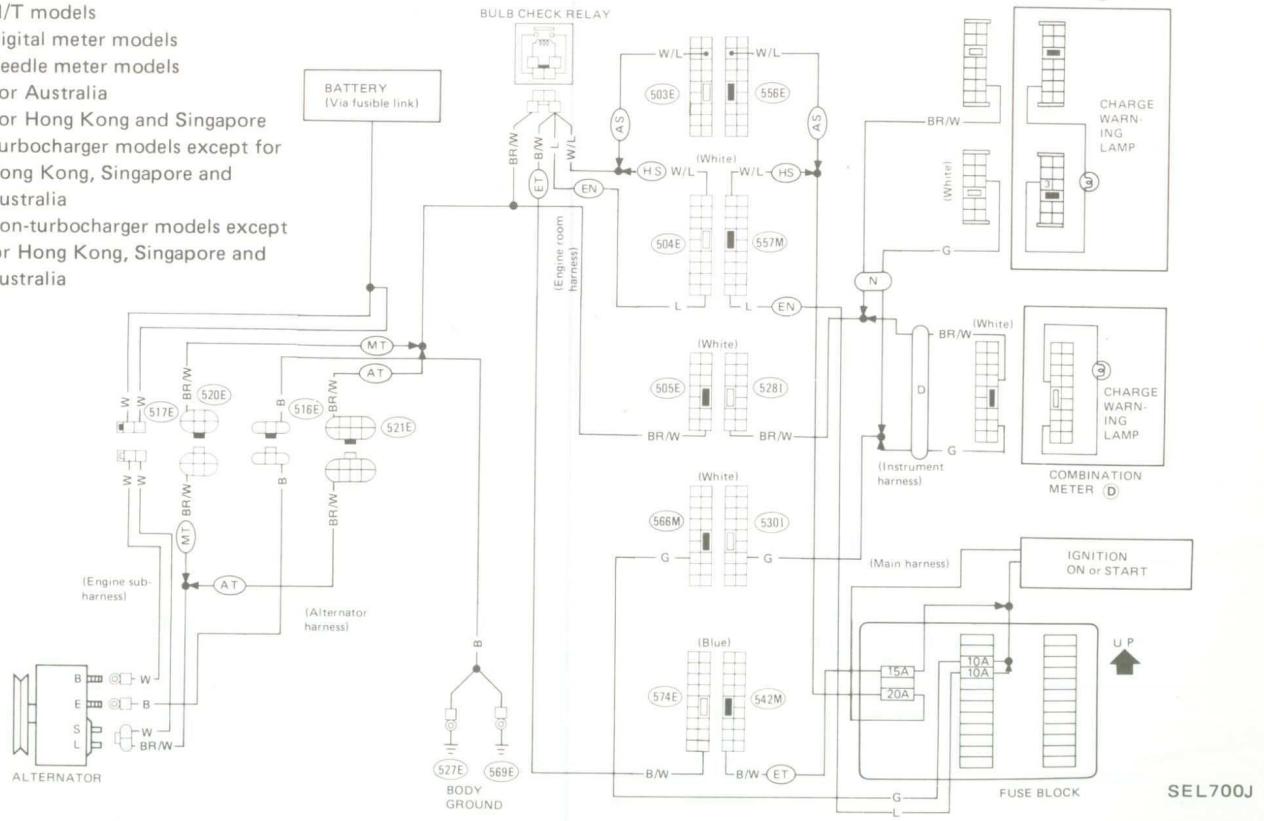
R.H. drive model (For Europe)



SEL699J

R.H. drive model (Except for Europe)

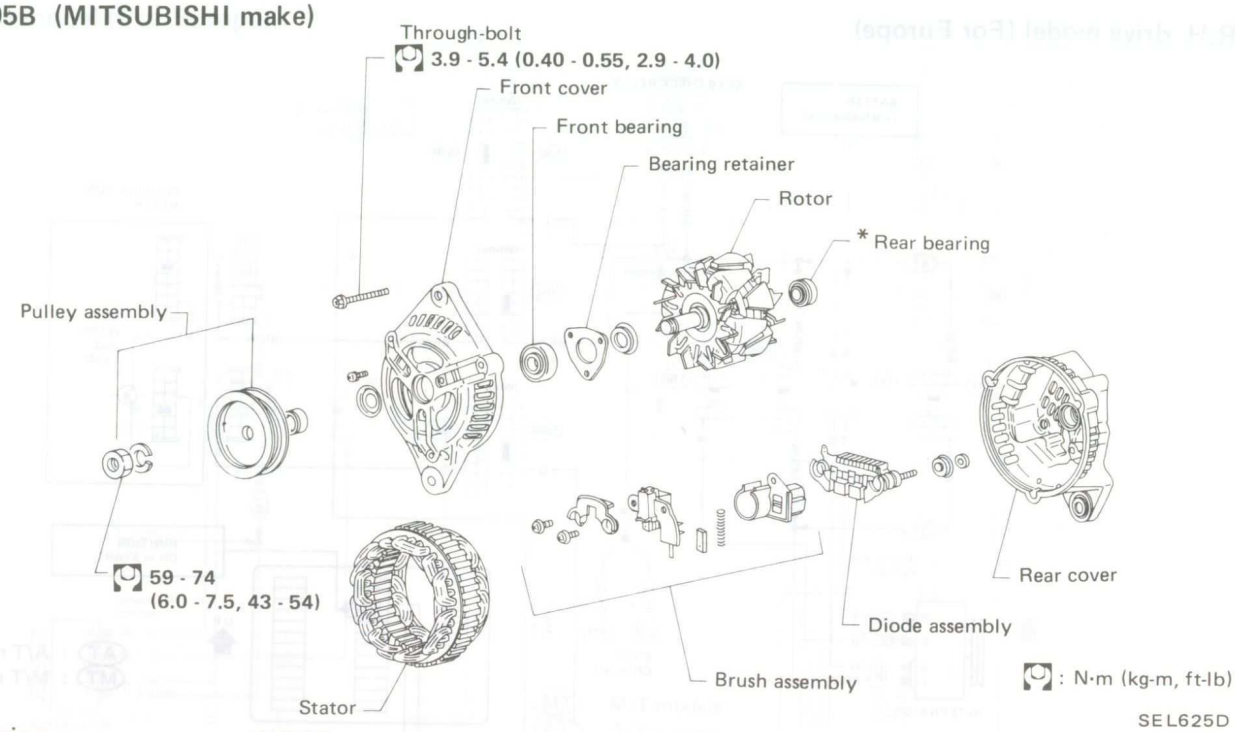
AT : A/T models
MT : M/T models
D : Digital meter models
N : Needle meter models
AS : For Australia
HS : For Hong Kong and Singapore
ET : Turbocharger models except for Hong Kong, Singapore and Australia
EN : Non-turbocharger models except for Hong Kong, Singapore and Australia



SEL700J

Construction

A2T48195B (MITSUBISHI make)



*Rear bearing

CAUTION:

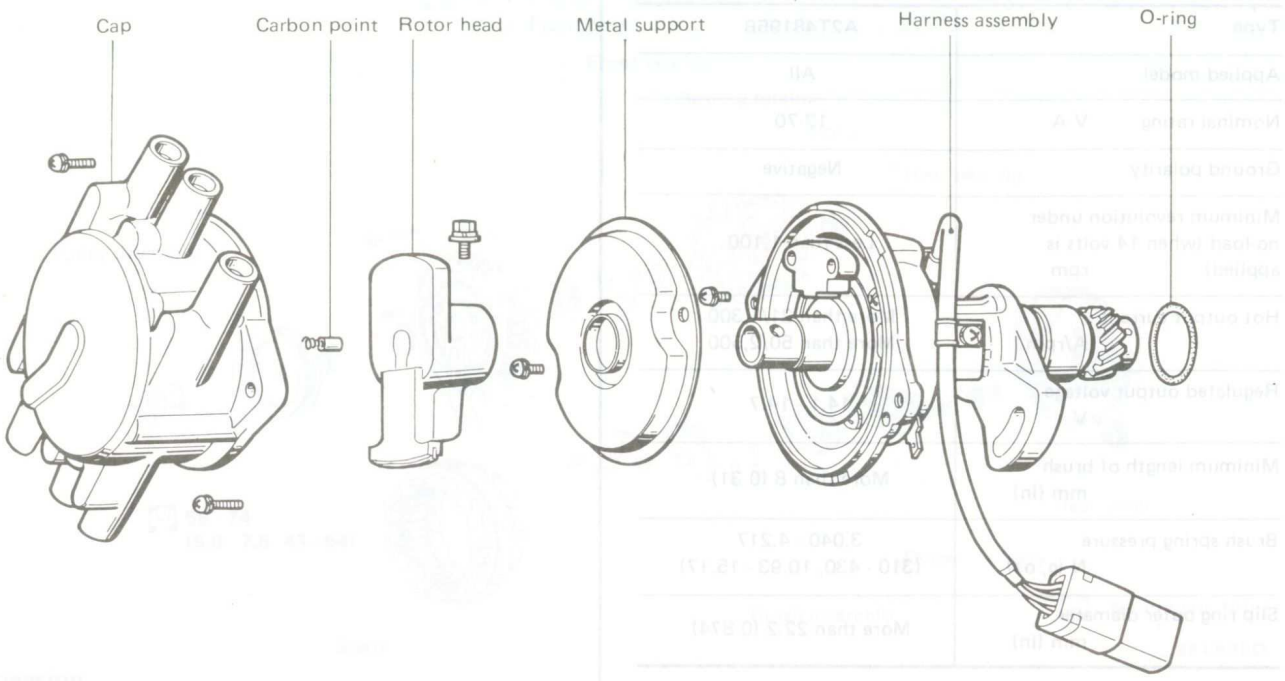
Rear cover may be hard to remove because a ring is used to lock outer race of rear bearing. Be careful not to lose this ring during removal.

— Service Data and Specifications (S.D.S.)

Type	A2T48195B
Applied model	All
Nominal rating V-A	12-70
Ground polarity	Negative
Minimum revolution under no-load (when 14 volts is applied) rpm	Less than 1,100
Hot output current A/rpm	More than 21/1,300 More than 50/2,500
Regulated output voltage V	14.1 - 14.7
Minimum length of brush mm (in)	More than 8 (0.31)
Brush spring pressure N (g, oz)	3.040 - 4.217 (310 - 430, 10.93 - 15.17)
Slip ring outer diameter mm (in)	More than 22.2 (0.874)

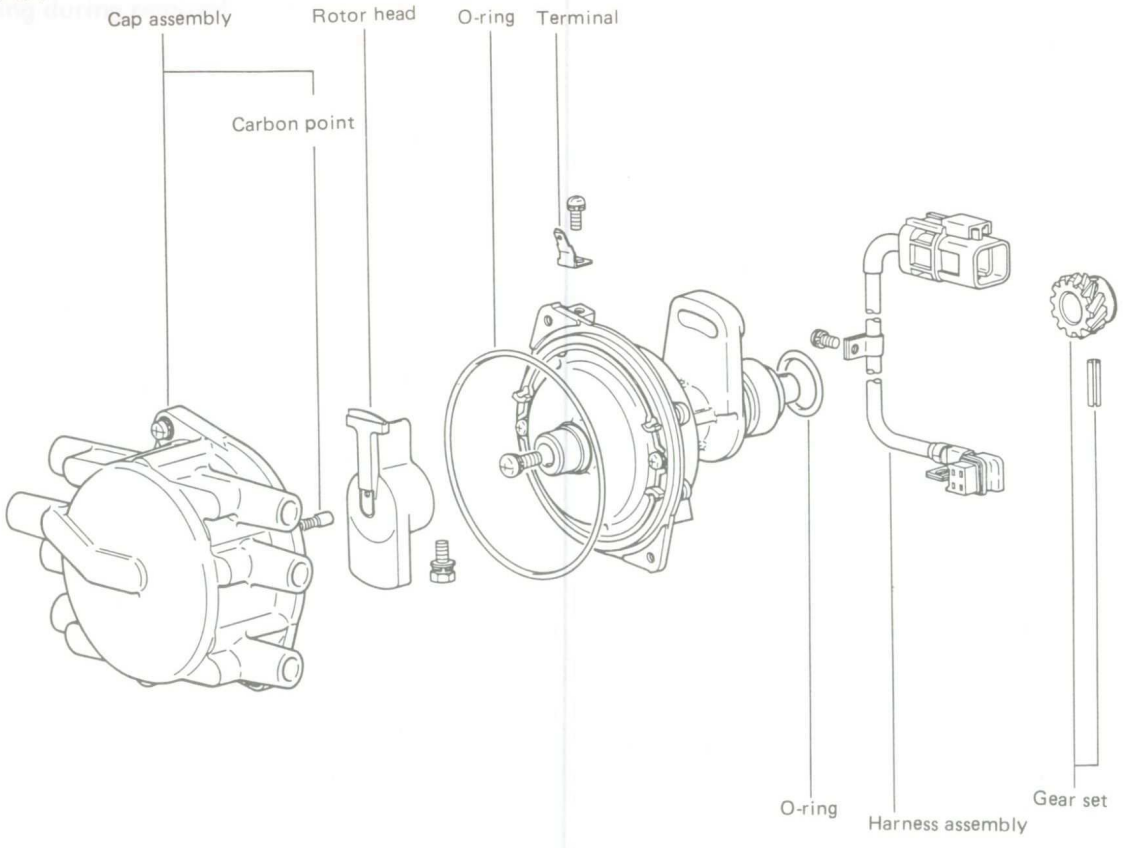
Construction

D6P82-03D



SEL303H

T5T61174A



SEL921J

Service Data and Specifications (S.D.S.)

DISTRIBUTOR

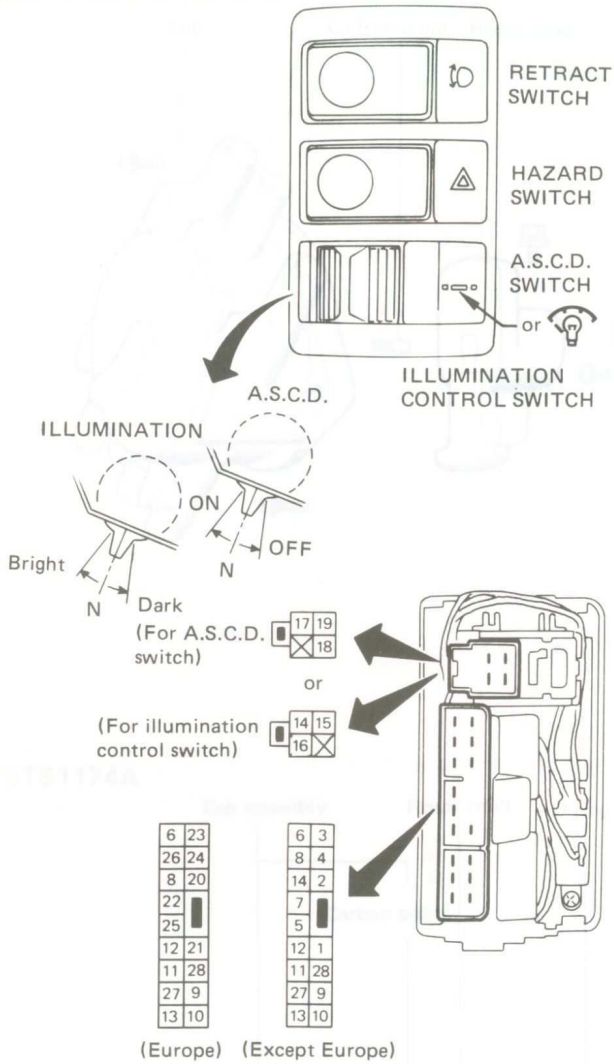
Type	D6P82-03D	T5T61174A
Firing order	1-2-3-4-5-6	
Rotating direction	Counterclockwise	
Cap insulation resistance MΩ	More than 50	
Rotor head insulation resistance MΩ	More than 50	
Cap carbon point length mm (in)	10 (0.39)	

INSTRUMENT SWITCH

Check

L.H. DRIVE MODEL

Instrument switch L.H.



RETRACT SWITCH

	UP	DOWN
9	○	
10	○	
11		○
12	○	○
27		○
28	○	
13	○	
Indicator	⊖	
14	○	

HAZARD Ⓒ SWITCH

	OFF	ON
2	○	○
1	○	○
7		○
3		○
4		○
5		○

A.S.C.D. MAIN SWITCH

	OFF	N	ON
17		○	○
18		○	○
19			○

ILLUMINATION CONTROL SWITCH

	BRIGHT	DARK
15	○	
16		○
14	○	

Ⓔ

	OFF	ON
20	○	
21	○	
22		○
23		○
24		○
25		○
	⊖	
26		○

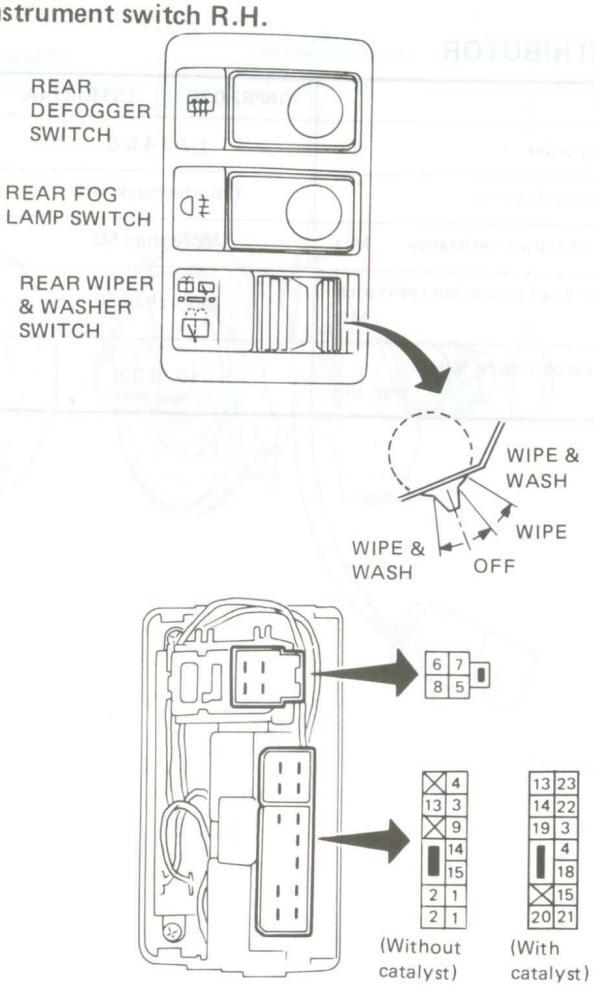
Indicator

6 — ⊖ — 8

Illumination

Ⓒ : Except Europe
Ⓔ : Europe

Instrument switch R.H.



REAR WINDOW DEFOGGER SWITCH (Without timer)

	OFF	ON
2	○	○
1	○	○
	⊖	
9	○	

Indicator

REAR FOG LAMP SWITCH Ⓔ

	OFF	ON
13	○	○
14	○	○
15	○	○
		⊖

Indicator

4 — ⊖ — 3

Illumination

REAR DEFOGGER SWITCH (With timer)

	OFF	TIME	N
18		○	
19		○	
20		○	○
21		○	○
22			○
			⊖
23			○

Indicator

REAR WIPER & WASHER SWITCH

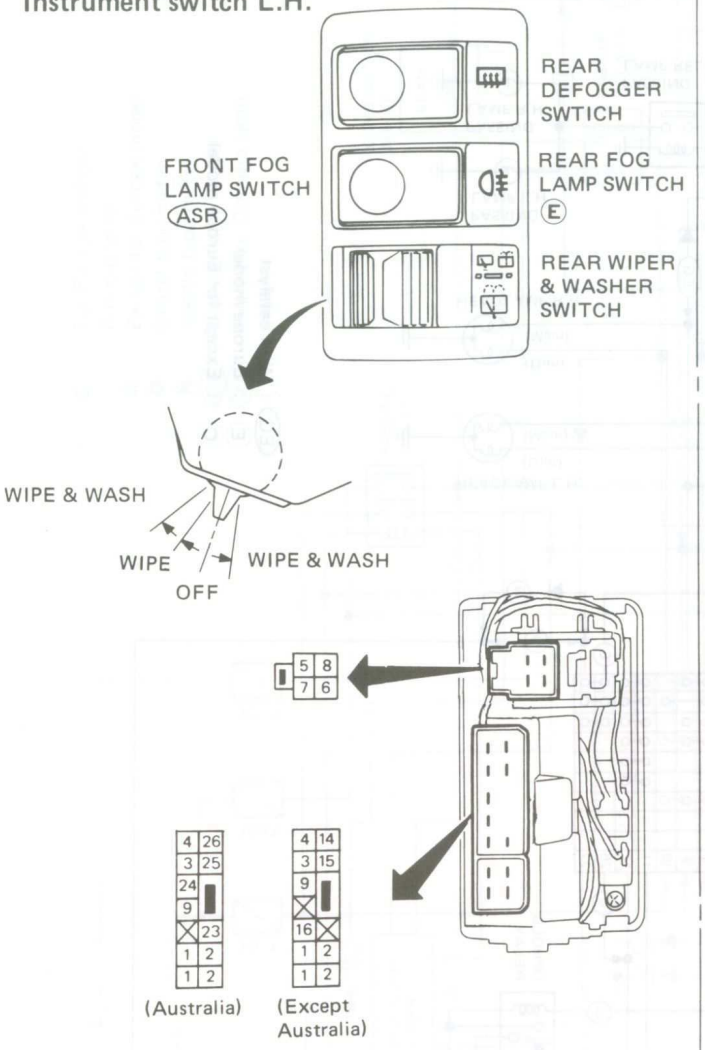
	WIPE WASH	OFF	WIPE	WIPE WASH
5	○	○	○	○
6		○		
7	○			
8	○		○	○

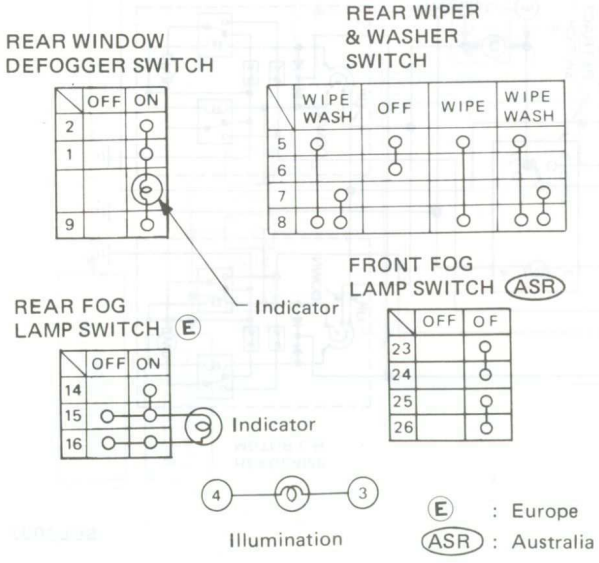
SEL701J

Check (Cont'd)

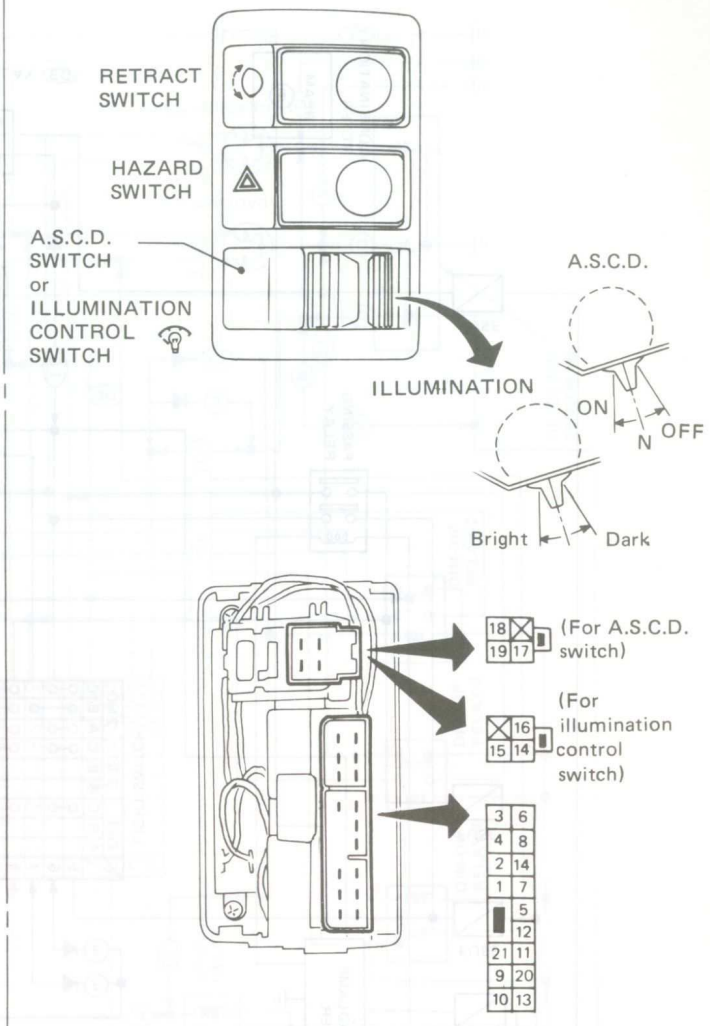
R.H. DRIVE MODEL

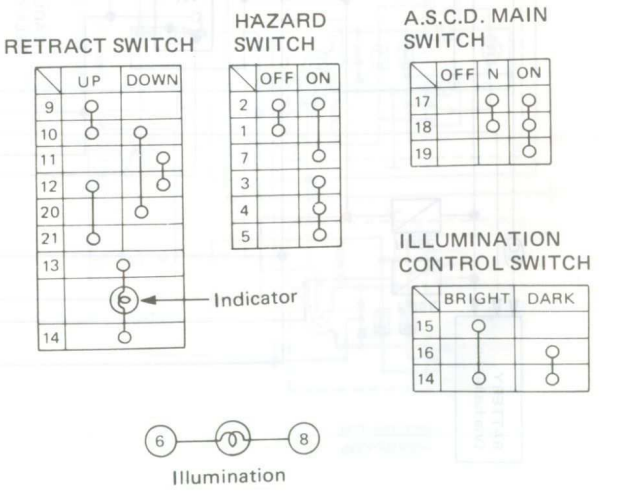
Instrument switch L.H.





Instrument switch R.H.

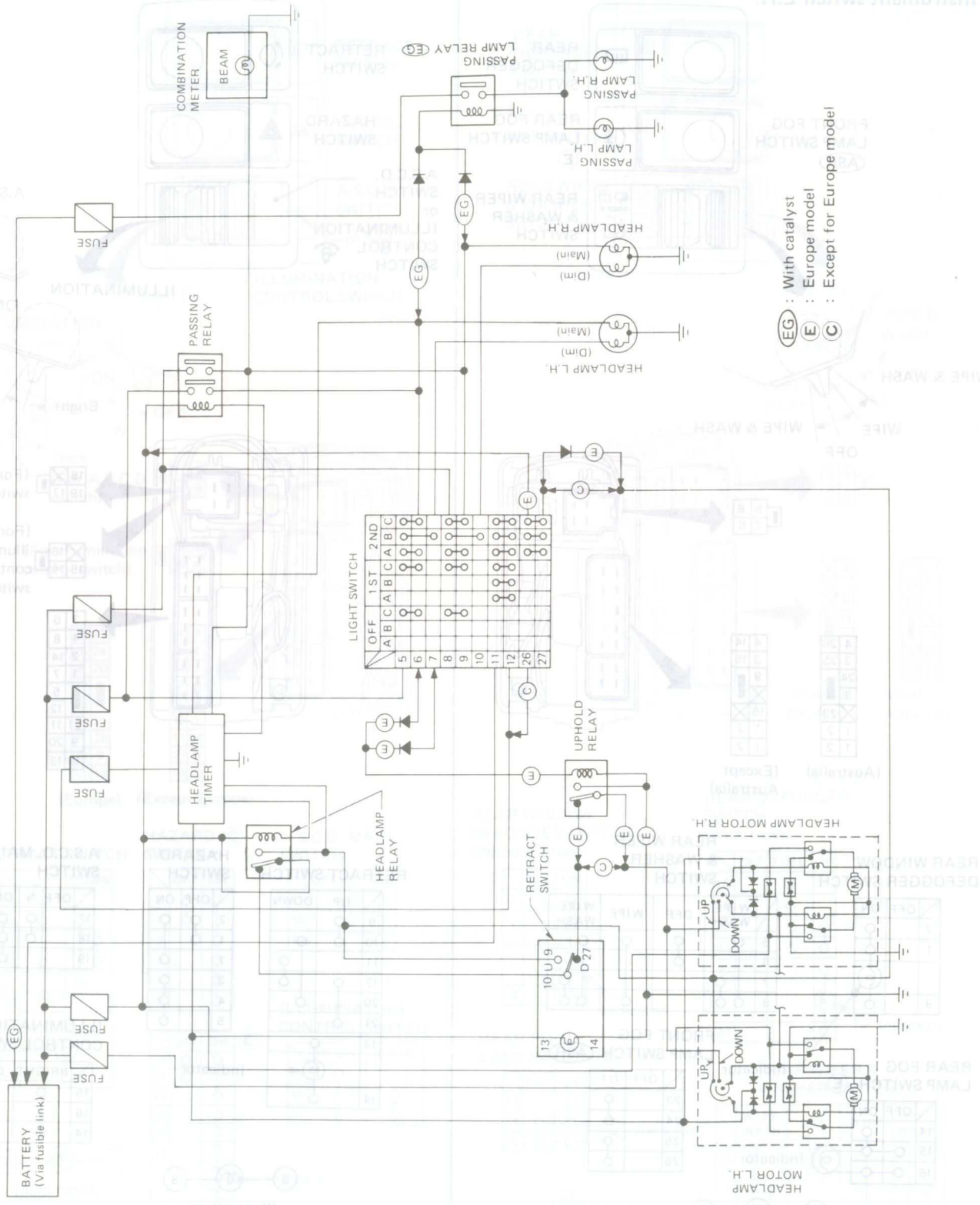




SEL702J

Schematic

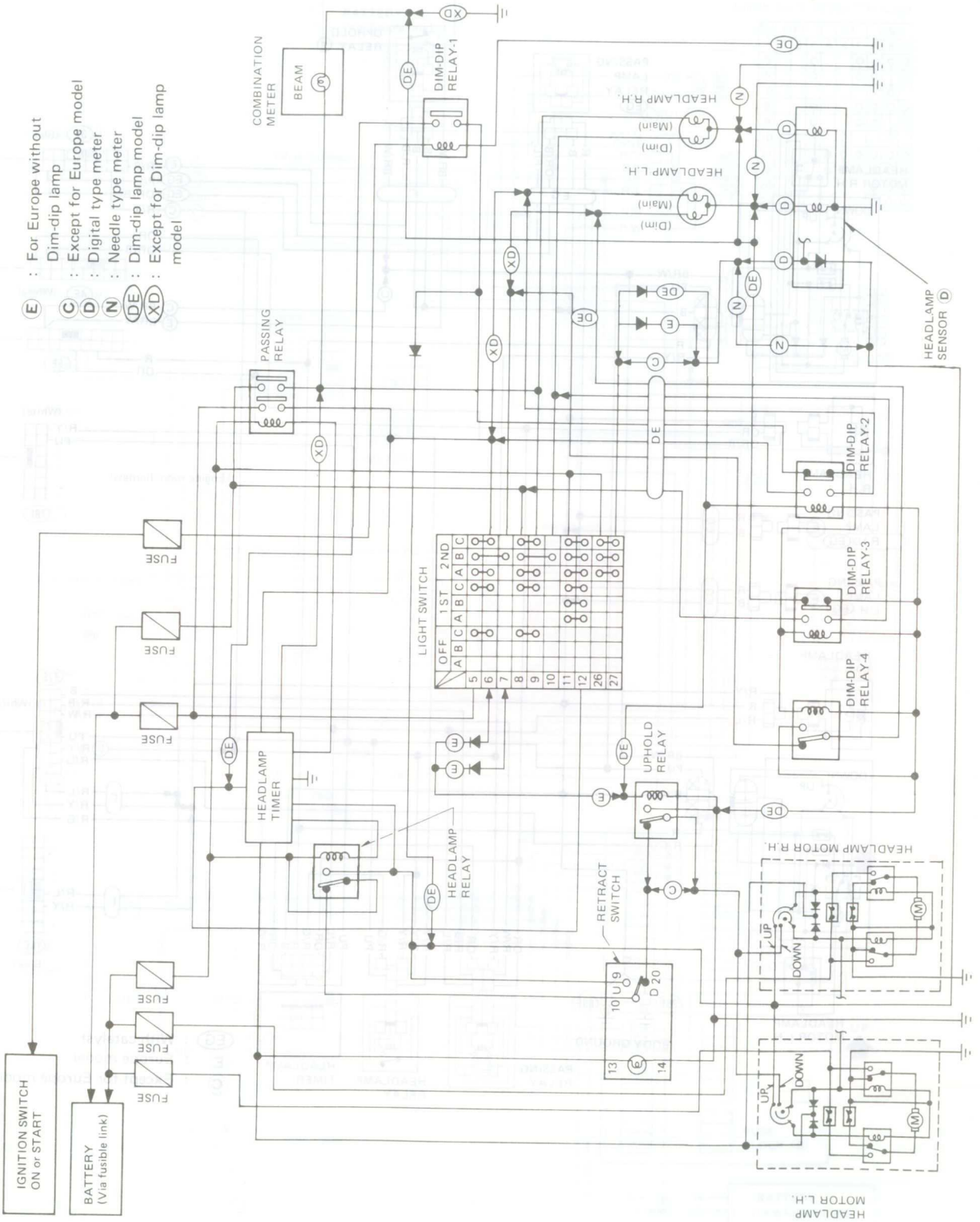
L.H. drive model



SEL703J

Schematic (Cont'd)

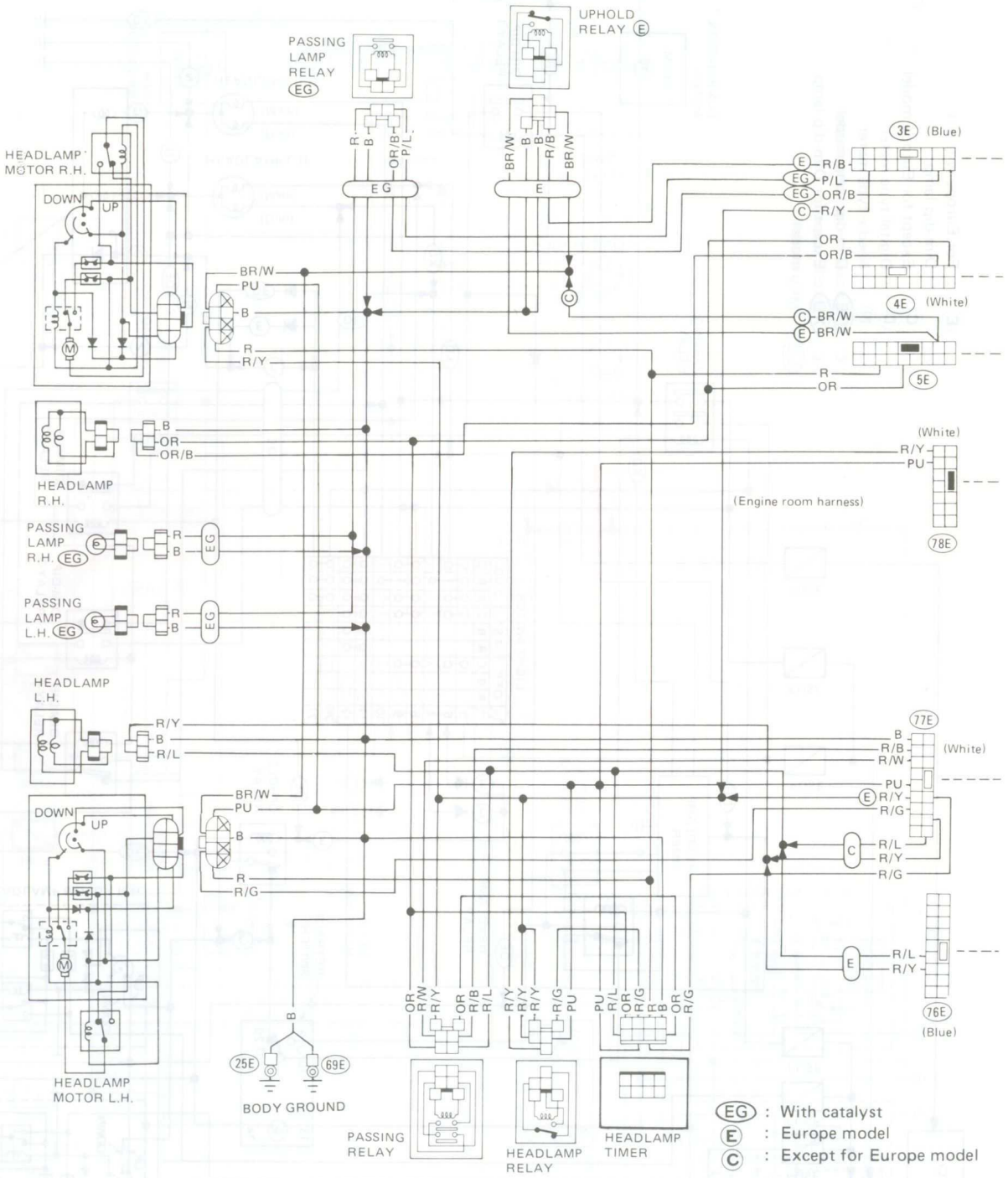
R.H. drive model



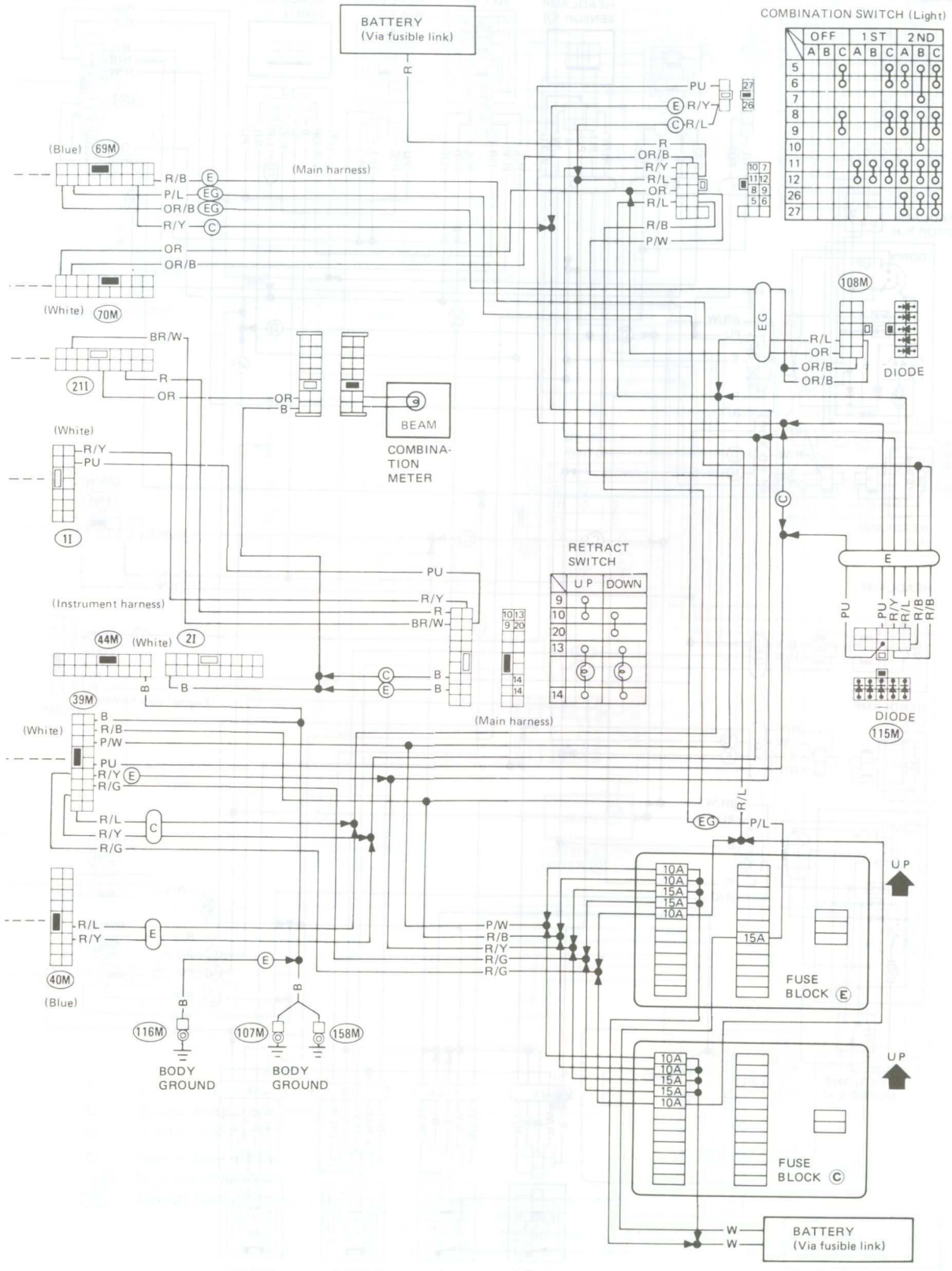
SEL704J

Wiring Diagram

L.H. drive model



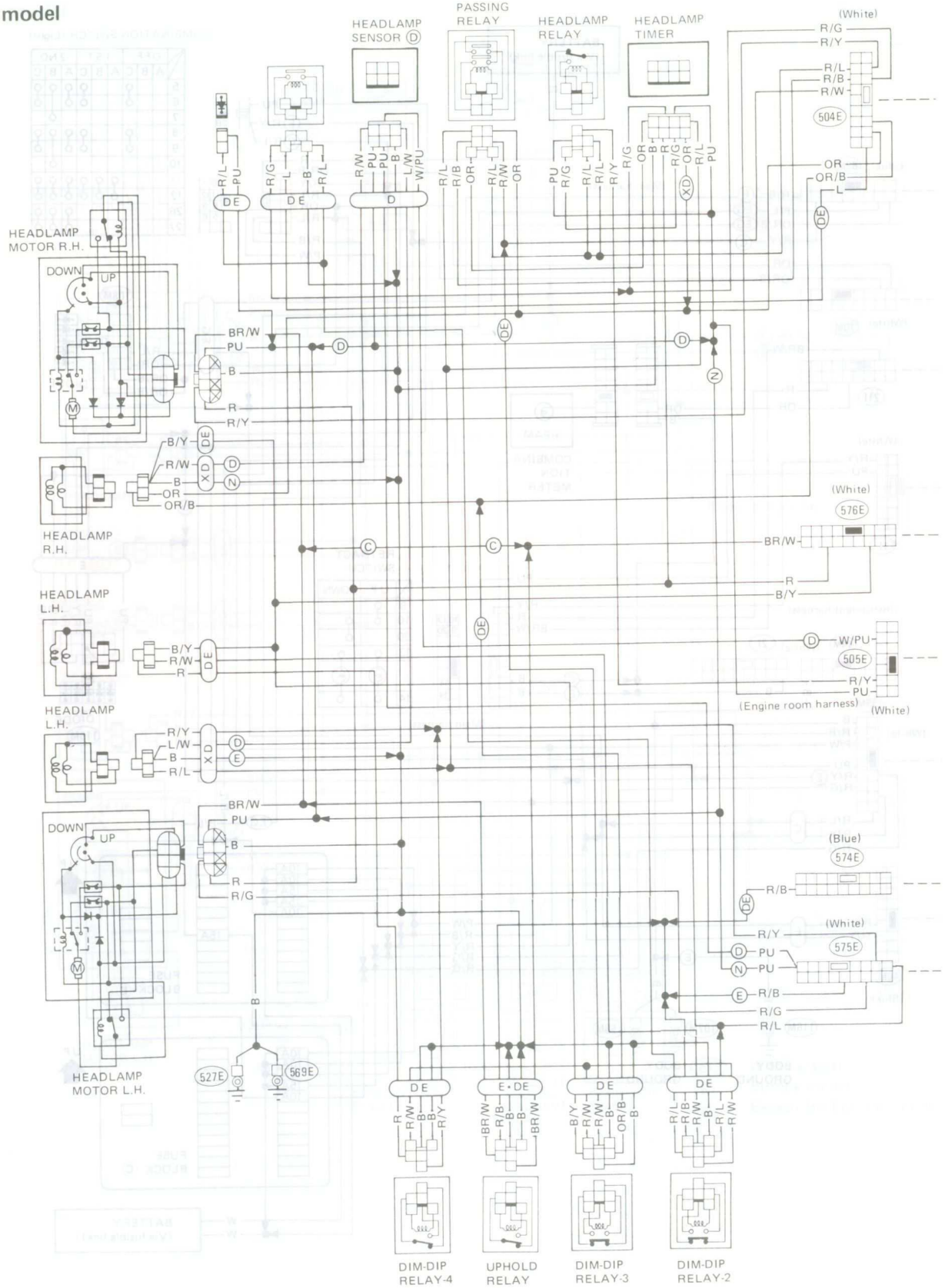
Wiring Diagram (Cont'd)



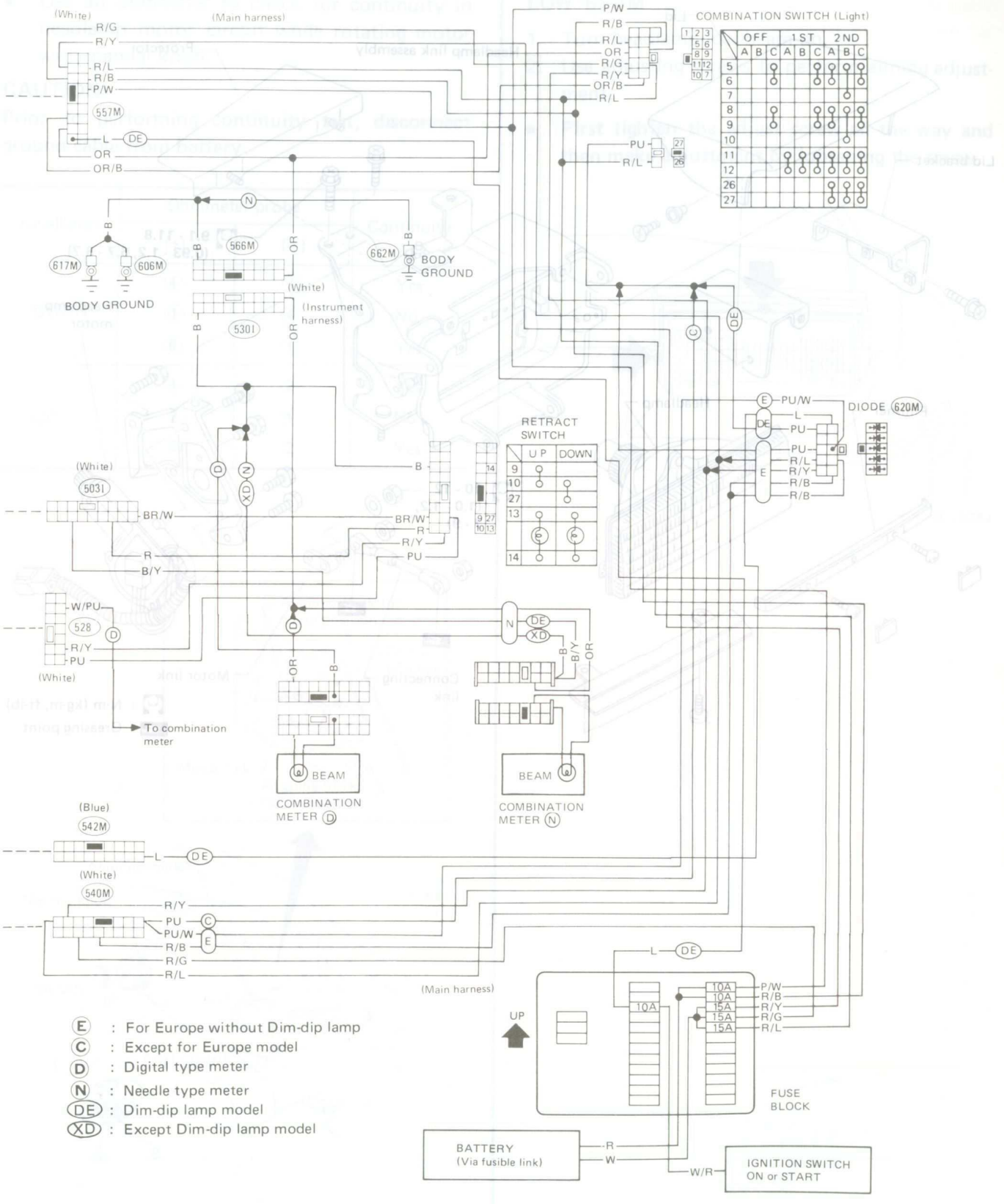
SEL705J

Wiring Diagram (Cont'd)

R.H. drive model



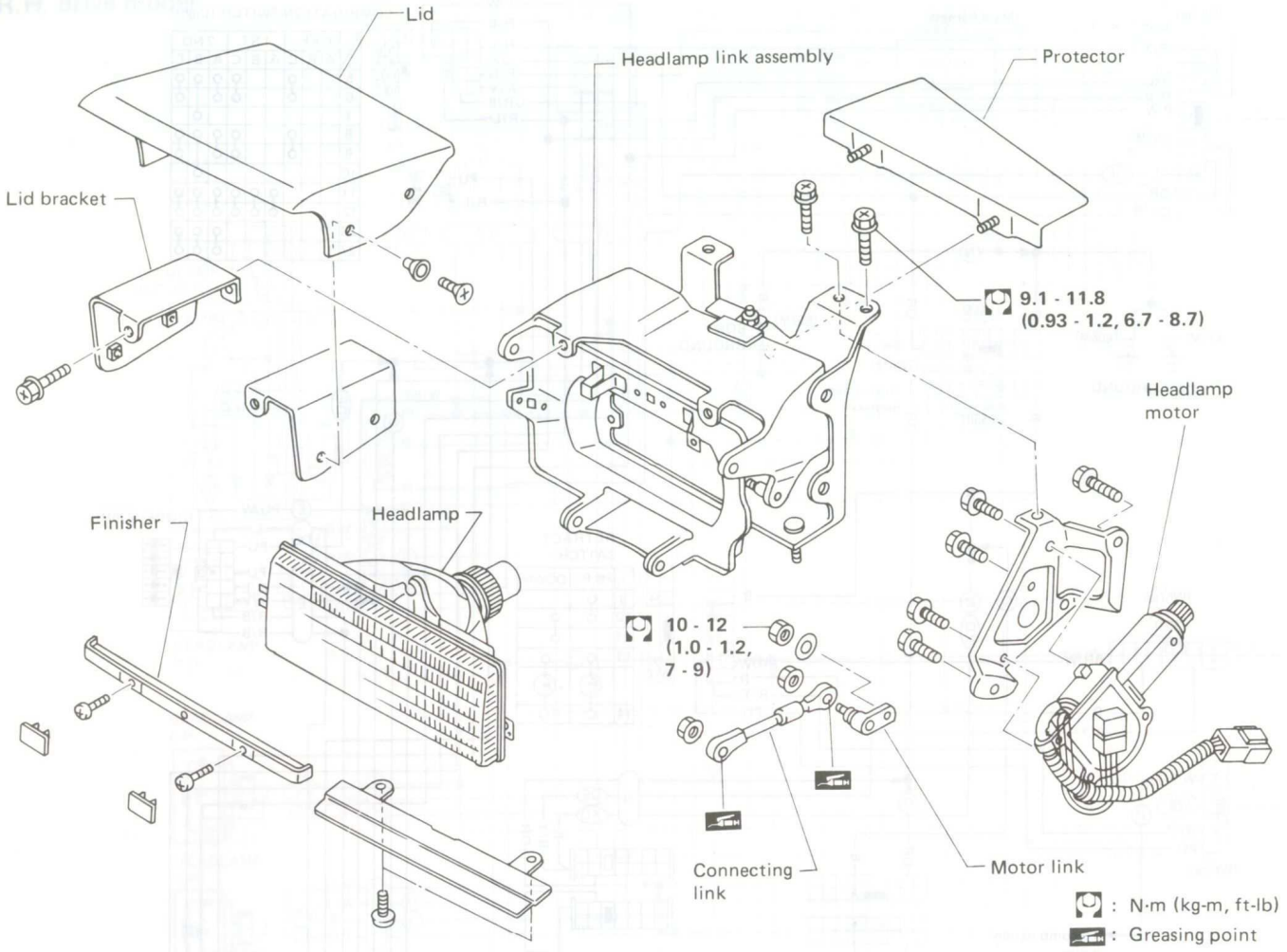
Wiring Diagram (Cont'd)



E : For Europe without Dim-dip lamp
C : Except for Europe model
D : Digital type meter
N : Needle type meter
DE : Dim-dip lamp model
XD : Except Dim-dip lamp model

SEL706J

Removal



SEL707J

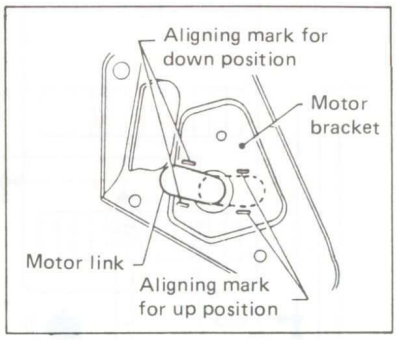
Headlamp Motor Check

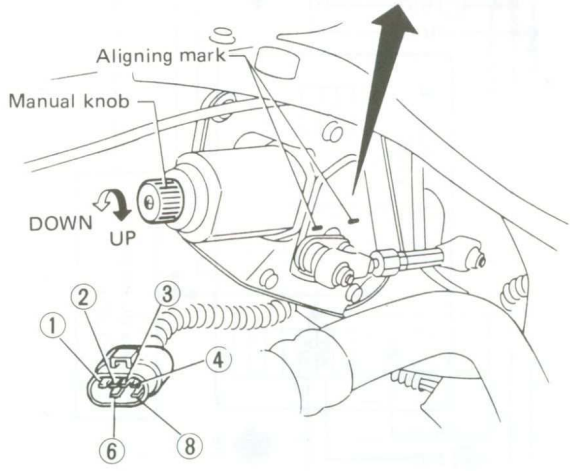
- Use an ohmmeter to check for continuity in headlamp motor circuit while rotating motor with manual knob.

CAUTION:

Prior to performing continuity test, disconnect ground cable from battery.

Headlamp	Ohmmeter probe		Continuity
	(+)	(−)	
DOWN	④	①	Yes
	①	④	No
	⑥	①	Yes
UP	④	②	Yes
	②	④	No
	⑥	②	Yes





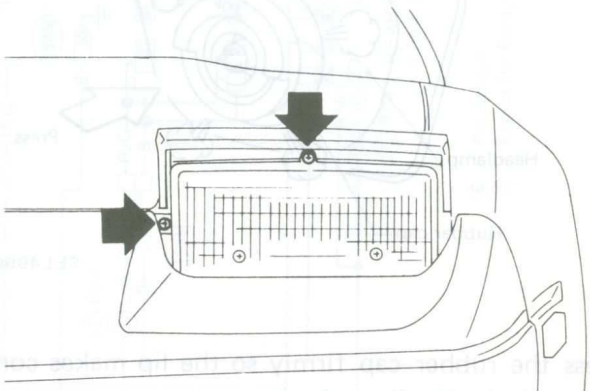
SEL938J

Aiming Adjustment

LOW BEAM

1. Turn headlamp low beam on.
2. Use adjusting screws to perform aiming adjustment.

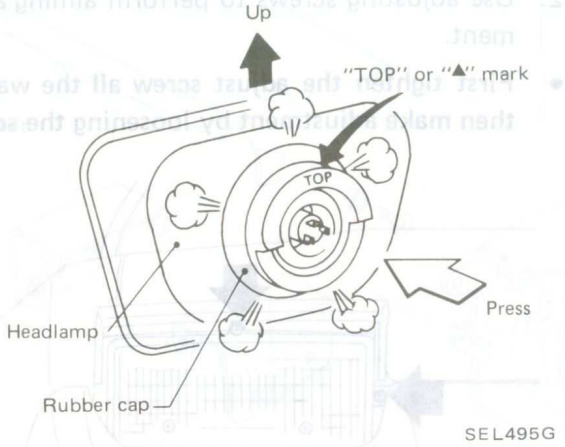
- **First tighten the adjust screw all the way and then make adjustment by loosening the screw.**



SEL138J

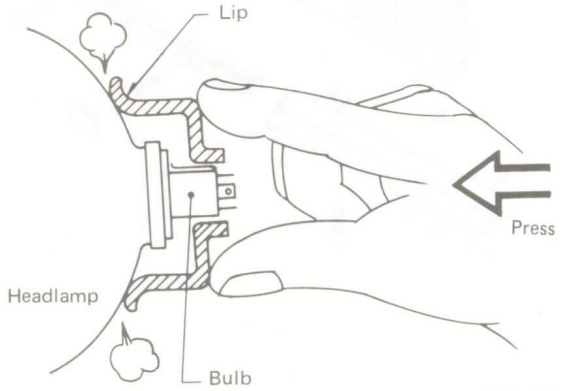
Installing Headlamp Rubber Cap

When installing the rubber cap, set the "TOP" or "▲" mark so it is facing up.



SEL495G

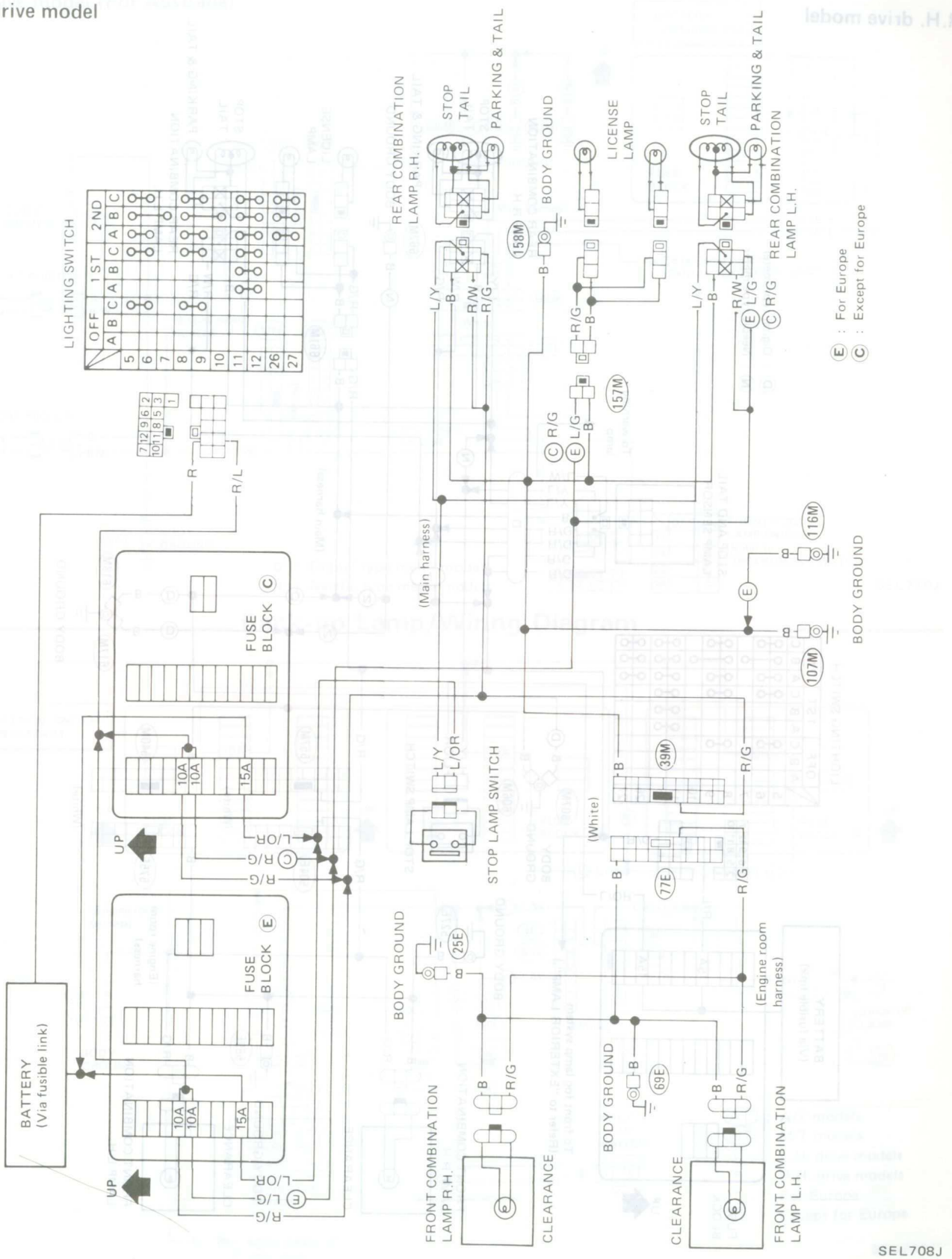
Press the rubber cap firmly so the lip makes contact with the headlamp body.



SEL841H

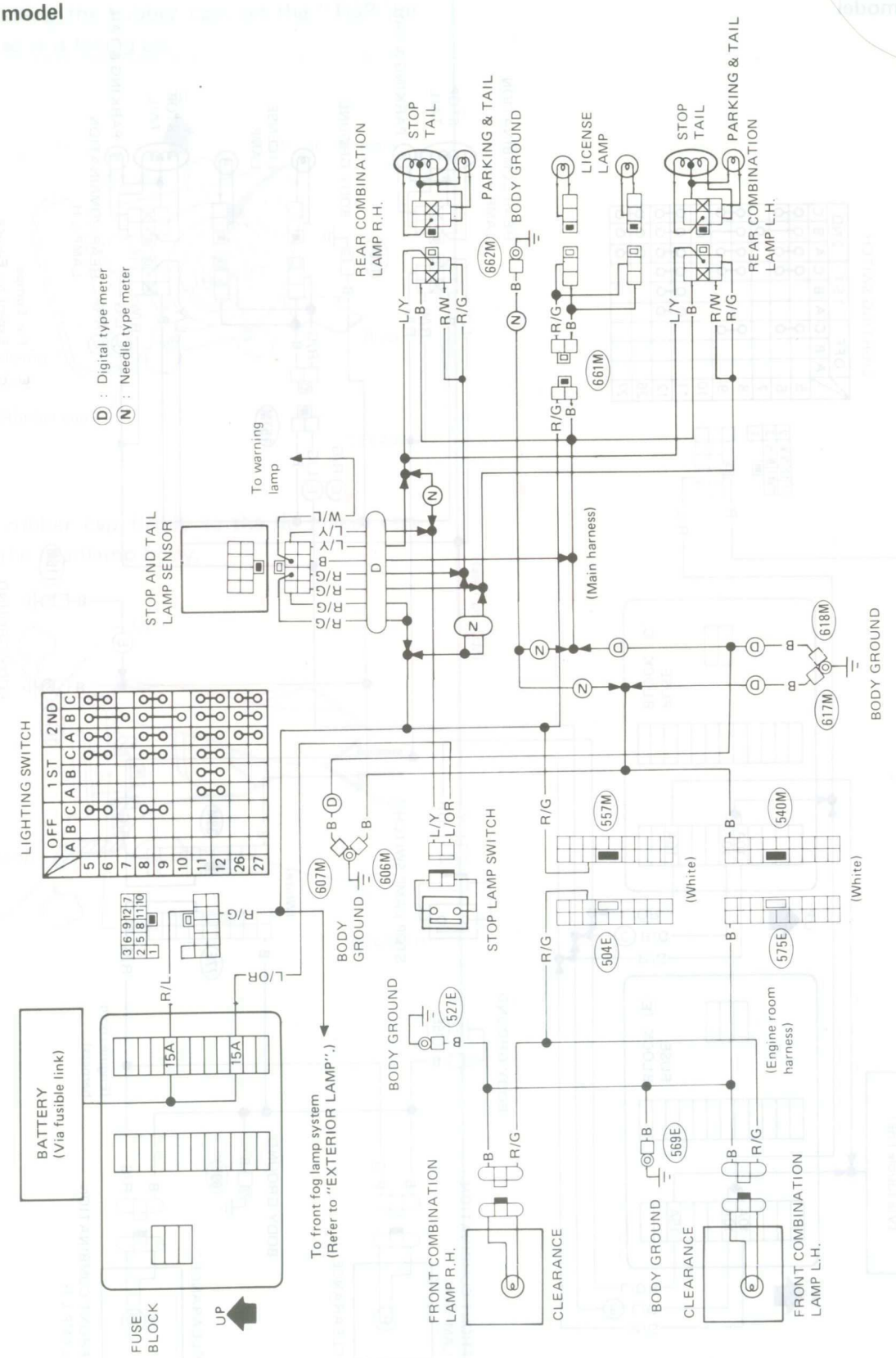
Clearance, License, Tail and Stop Lamps/Wiring Diagram

L.H. drive model



Clearance, License, Tail and Stop Lamps/Wiring Diagram (Cont'd)

R.H. drive model

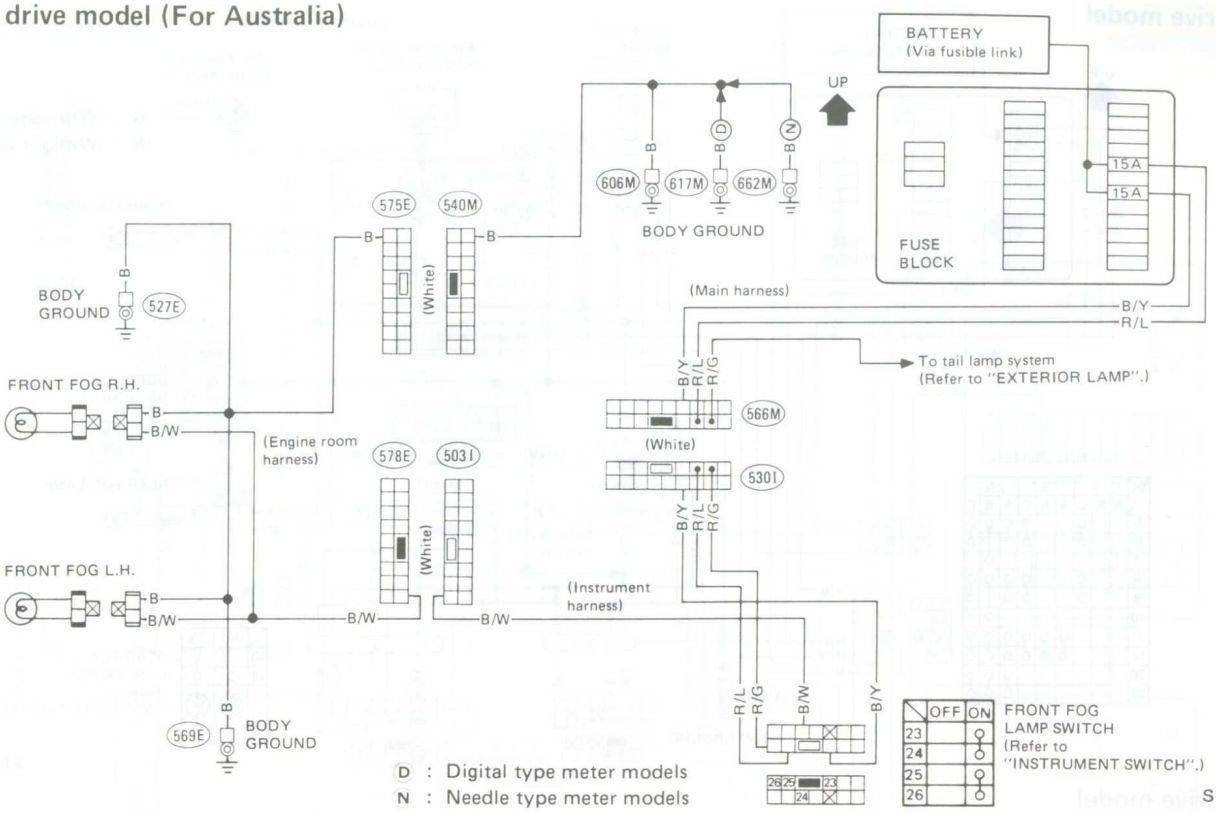


SEL709J

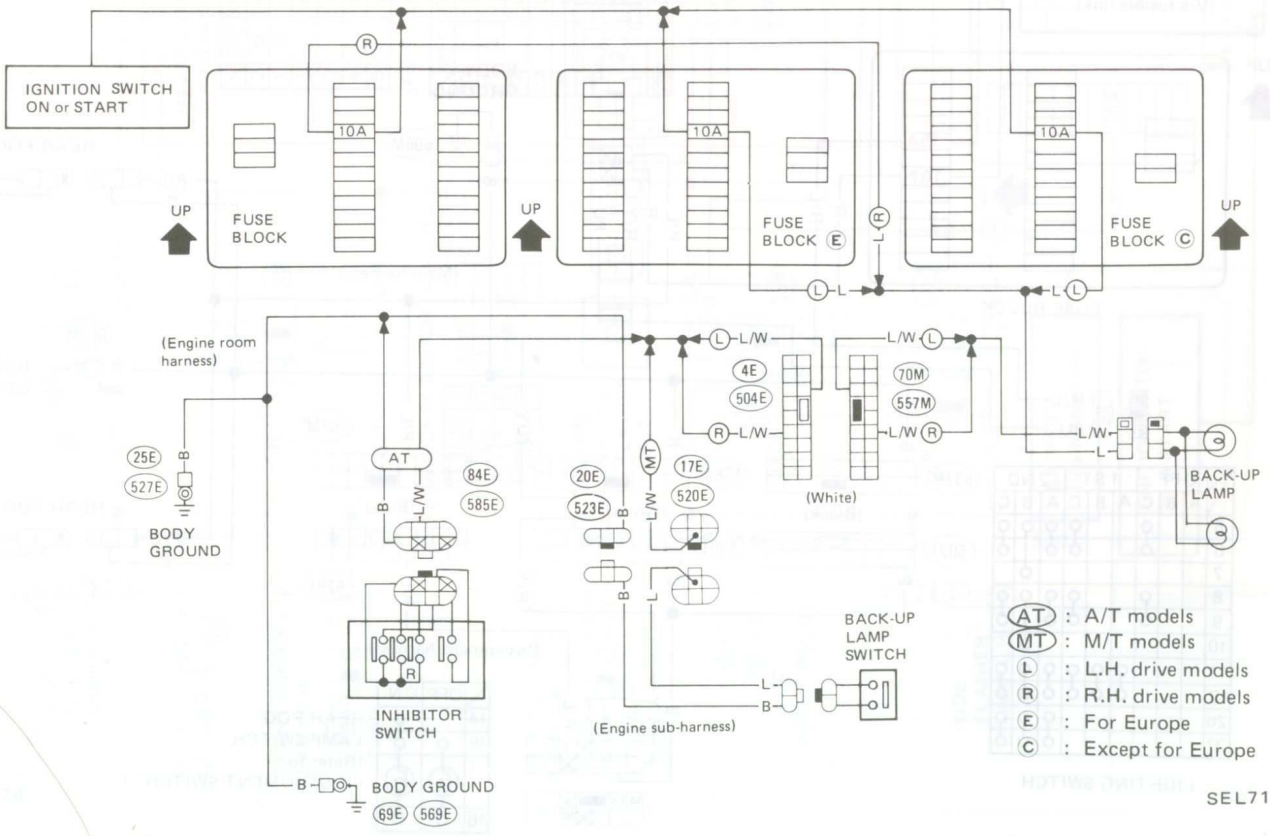
EXTERIOR LAMP

Front Fog Lamp/Wiring Diagram

R.H. drive model (For Australia)

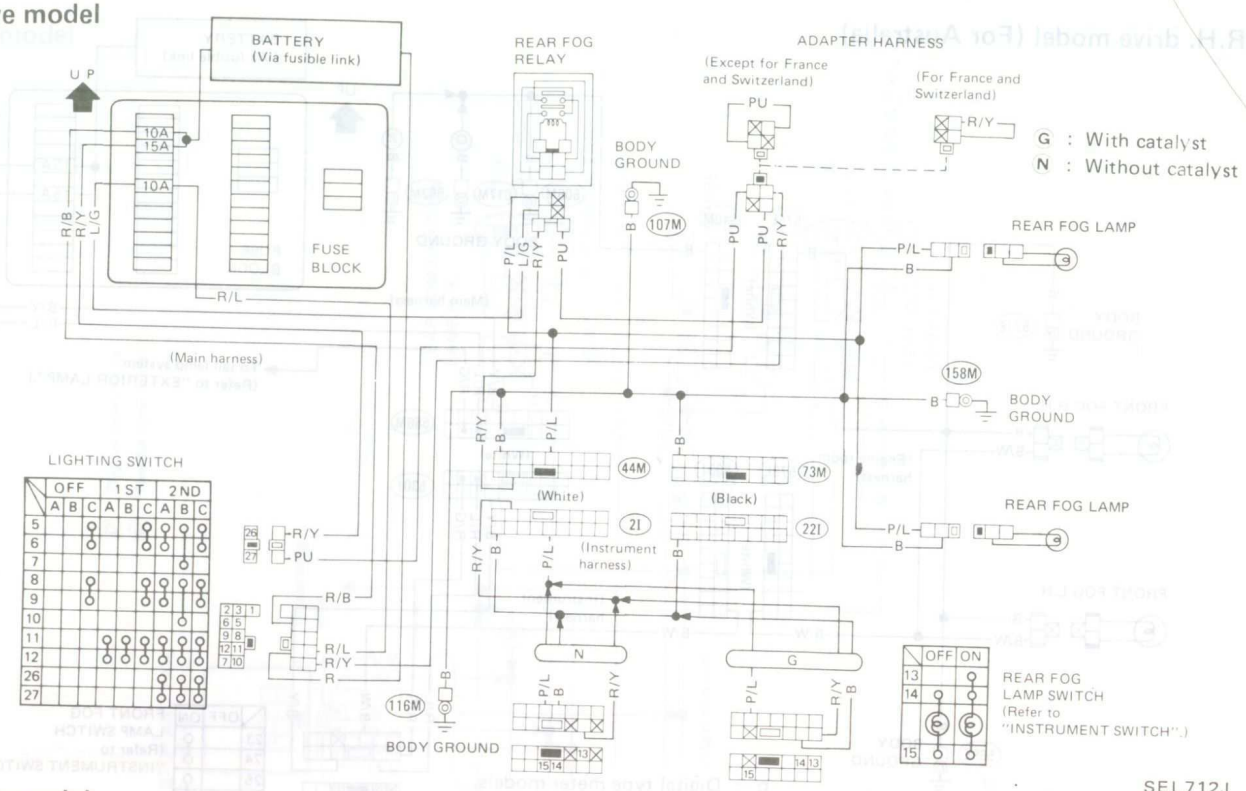


Back-up Lamp/Wiring Diagram

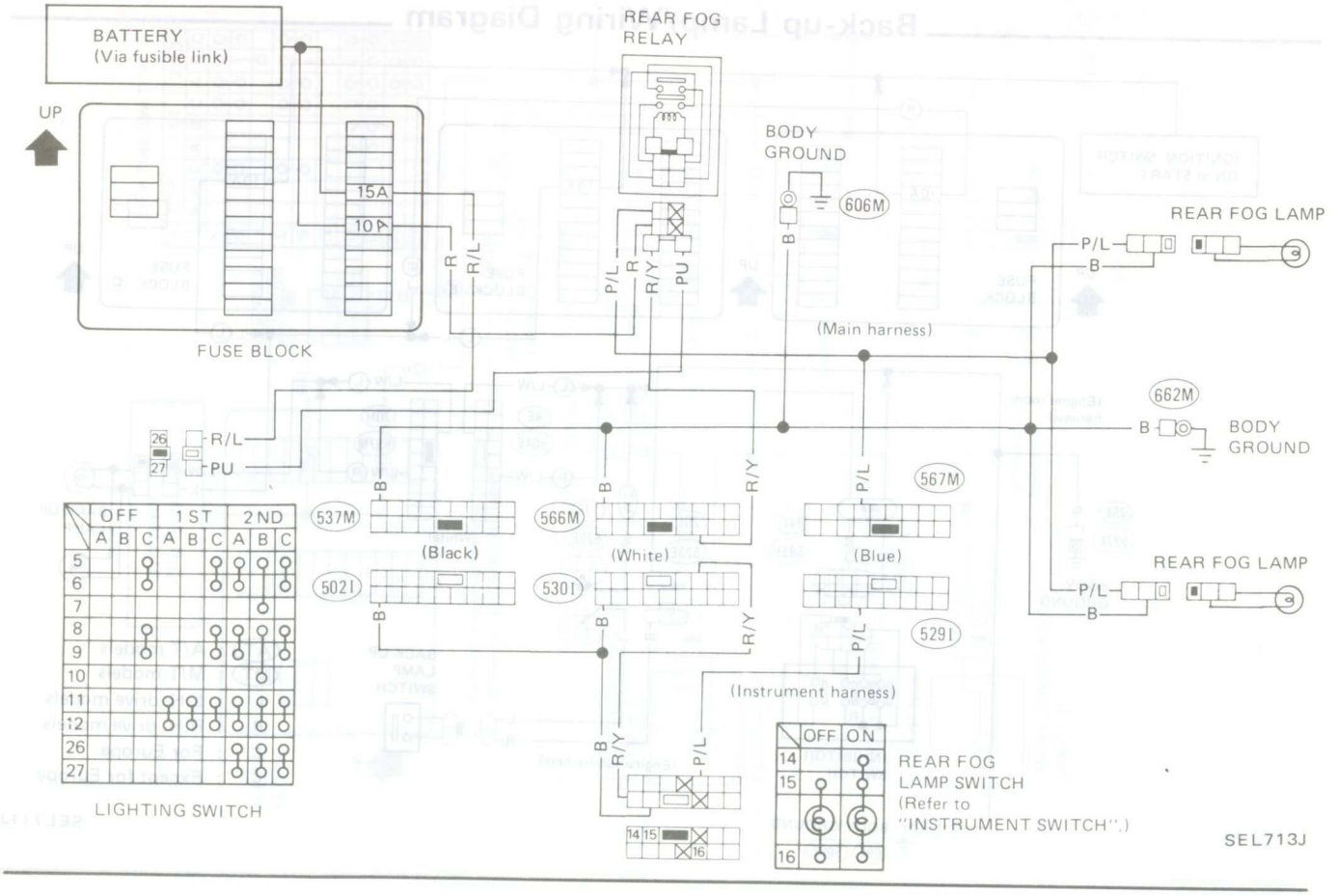


Rear Fog Lamp/Wiring Diagram

L.H. drive model

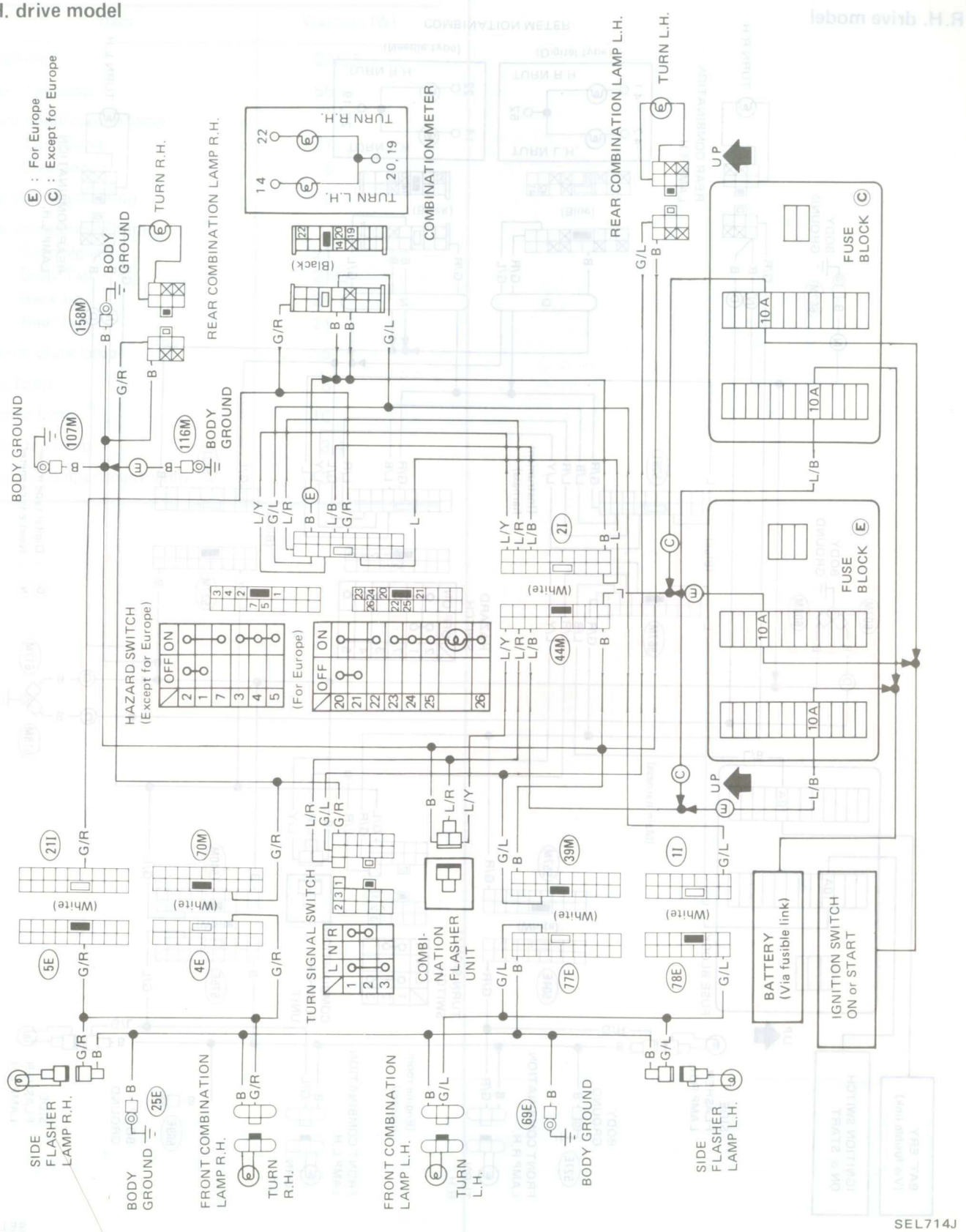


R.H. drive model



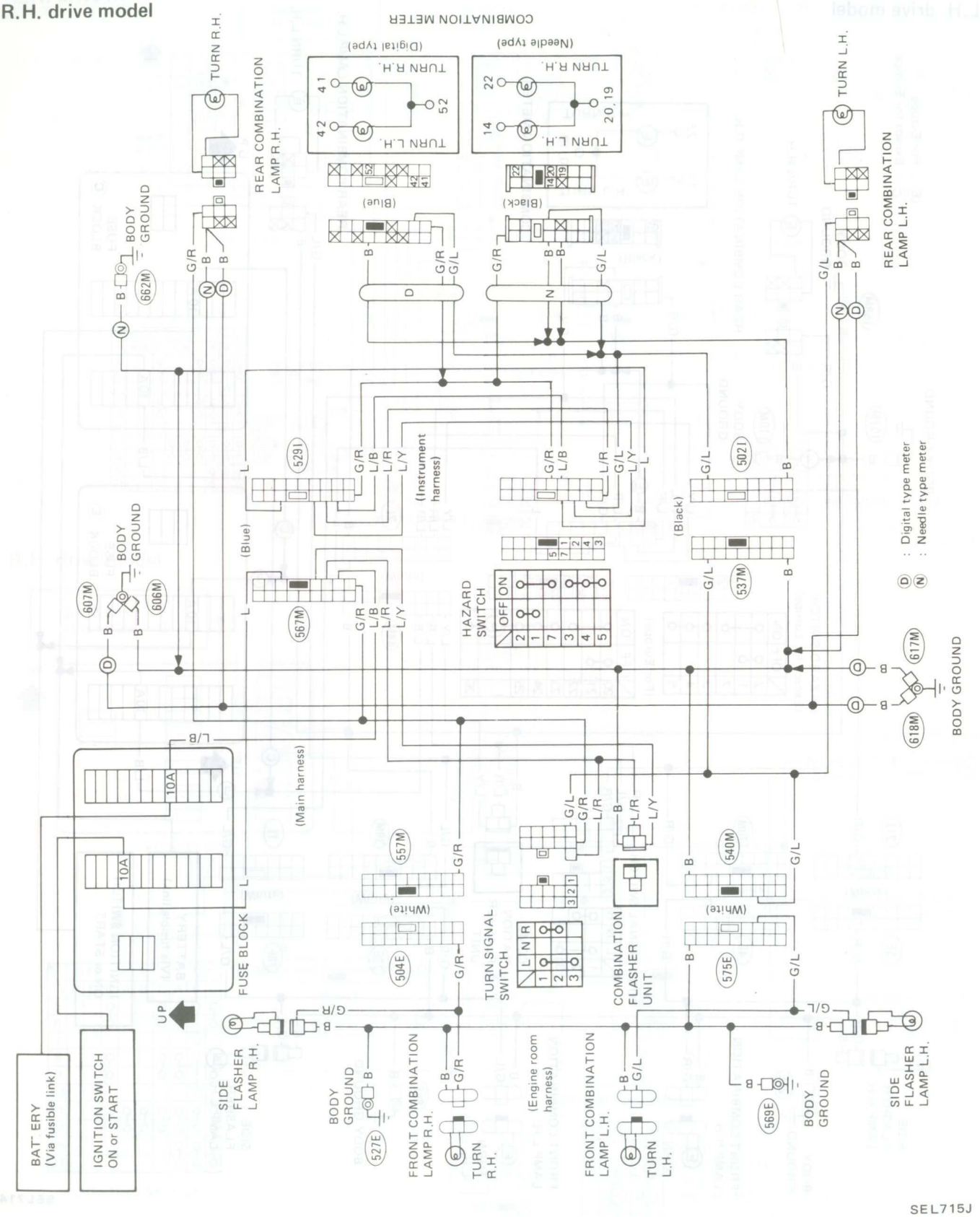
Turn Signal and Hazard Warning Lamp/Wiring Diagram

L.H. drive model



Turn Signal and Hazard Warning Lamp/Wiring Diagram (Cont'd)

R.H. drive model

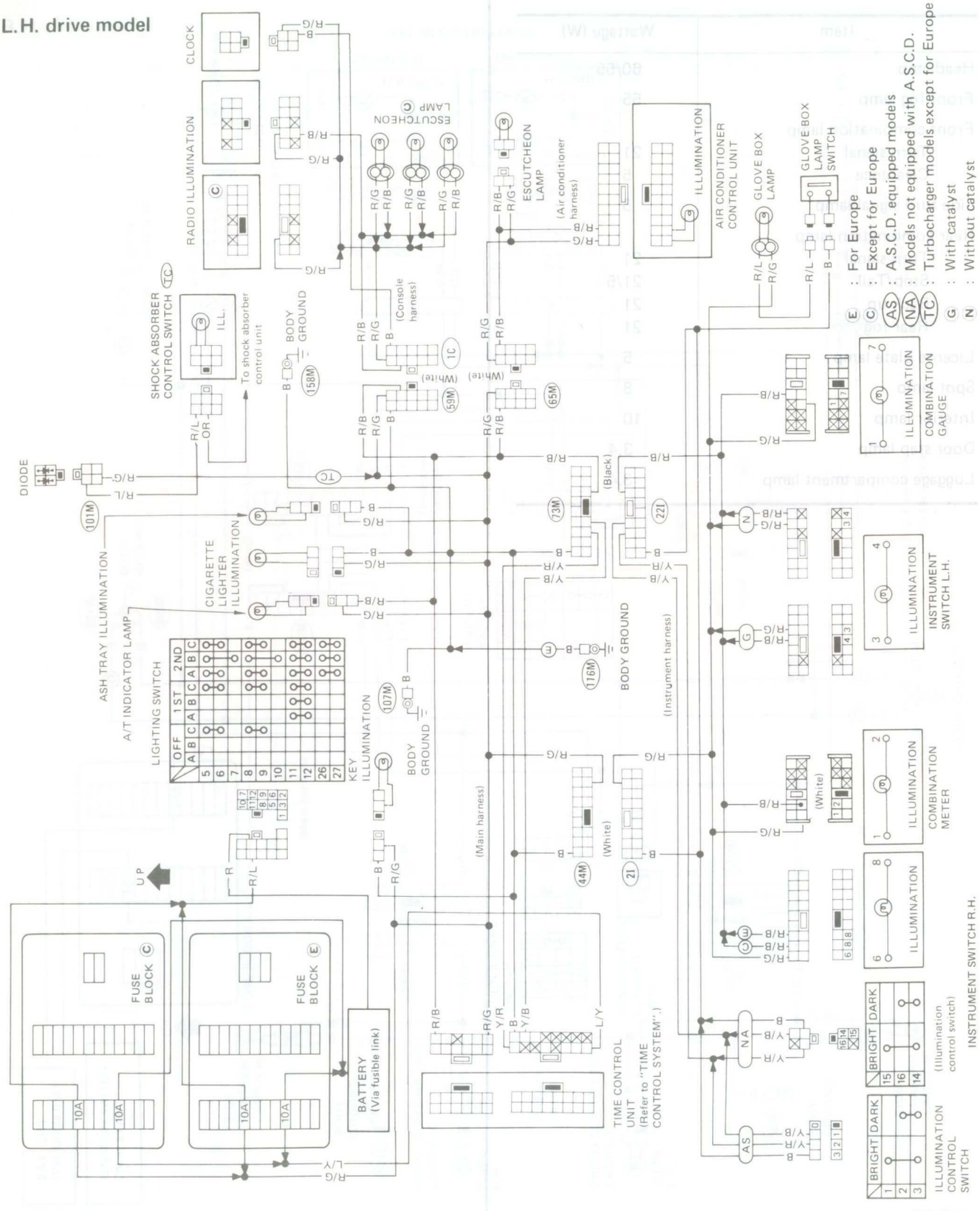


Bulb Specifications

Item	Wattage (W)
Headlamp	60/55
Front fog lamp	55
Front combination lamp	
Turn signal	21
Clearance	5
Side turn signal lamp	5
Rear combination lamp	
Turn signal	21
Stop/Tail	21/5
Back up	21
Rear fog	21
License plate lamp	5
Spot lamp	8
Interior lamp	10
Door step lamp	3.4
Luggage compartment lamp	3.4

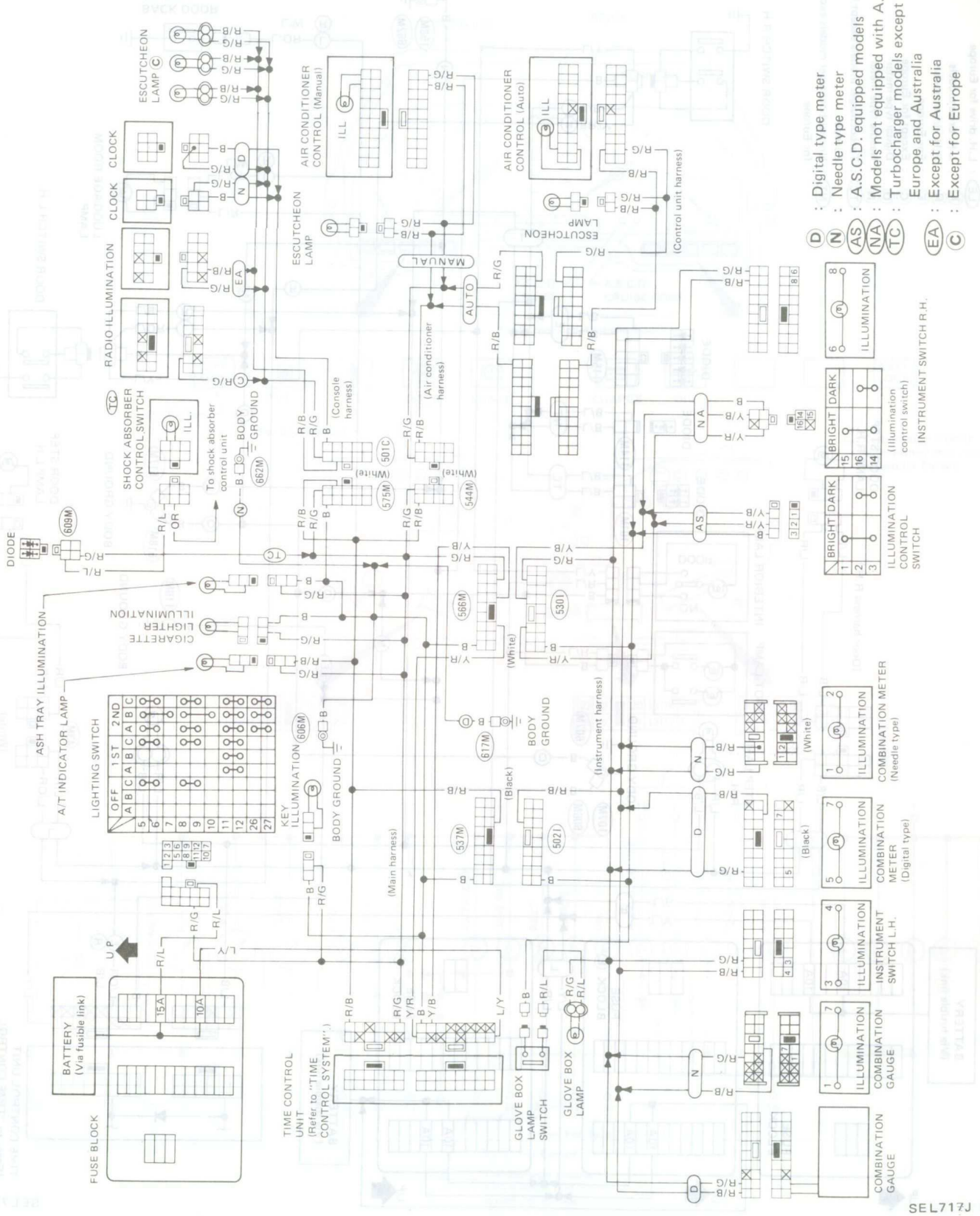
Illumination/Wiring Diagram

L.H. drive model



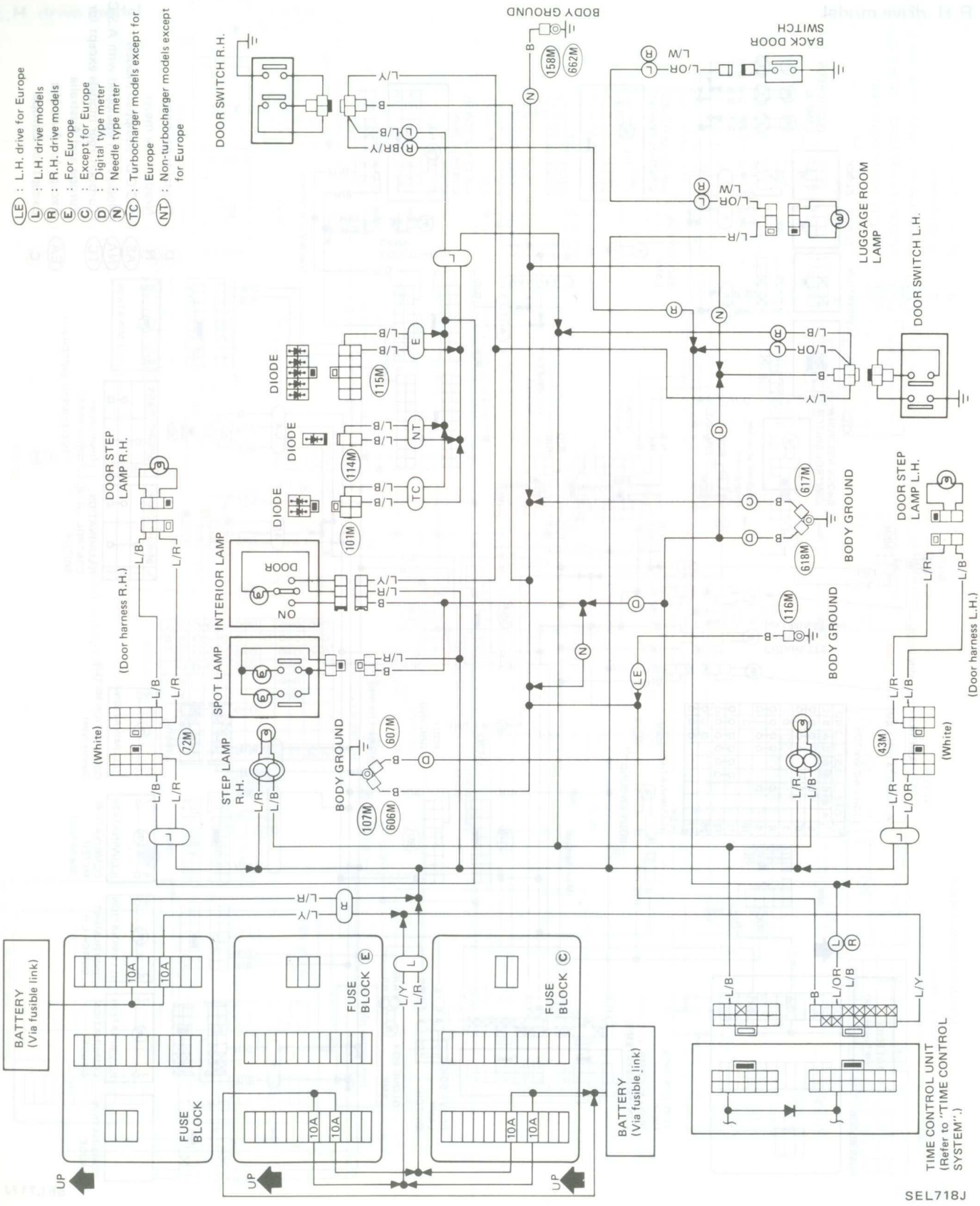
Illumination/Wiring Diagram (Cont'd)

R.H. drive model

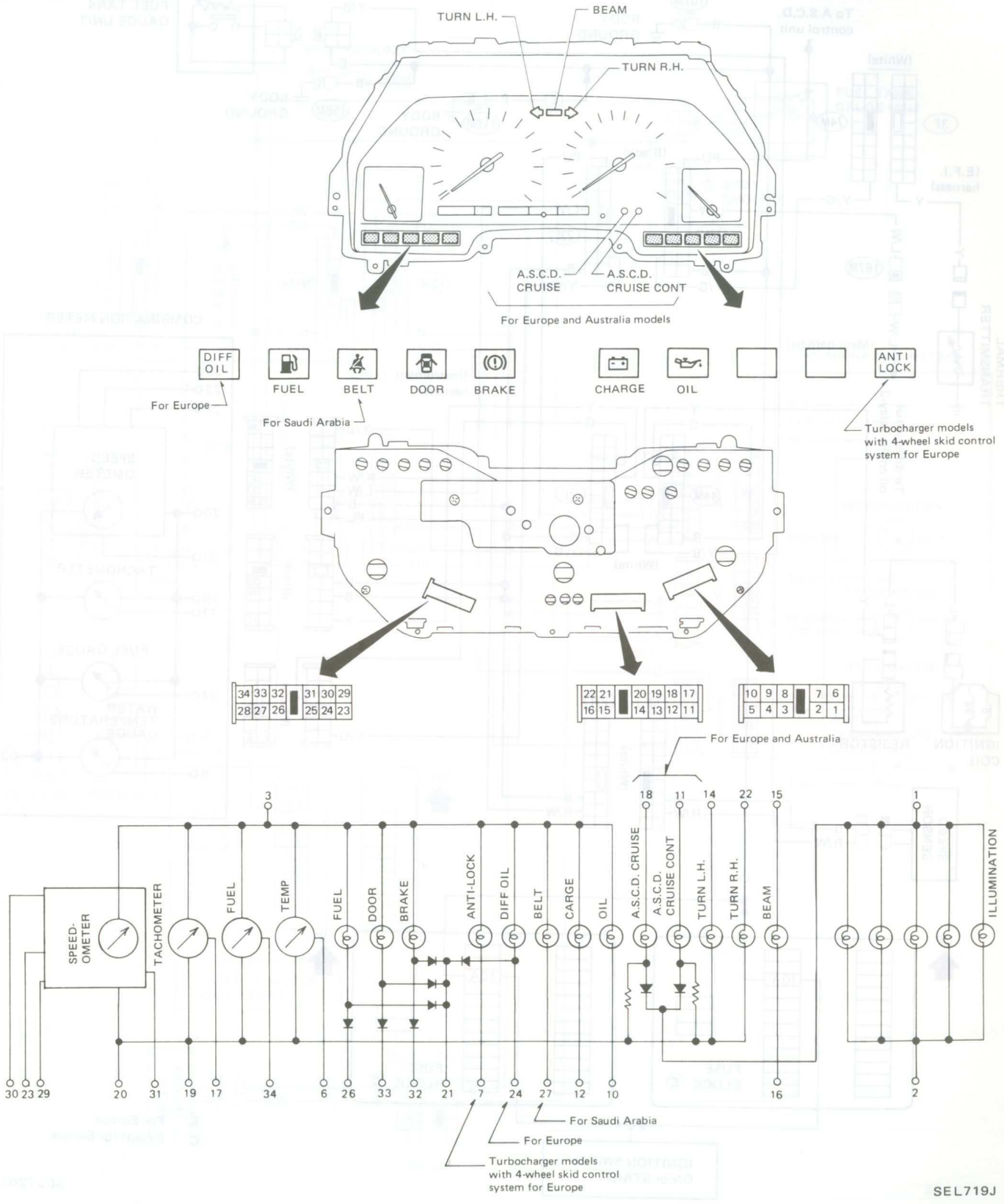


INTERIOR LAMP

Interior, Luggage and Step Lamps/Wiring Diagram

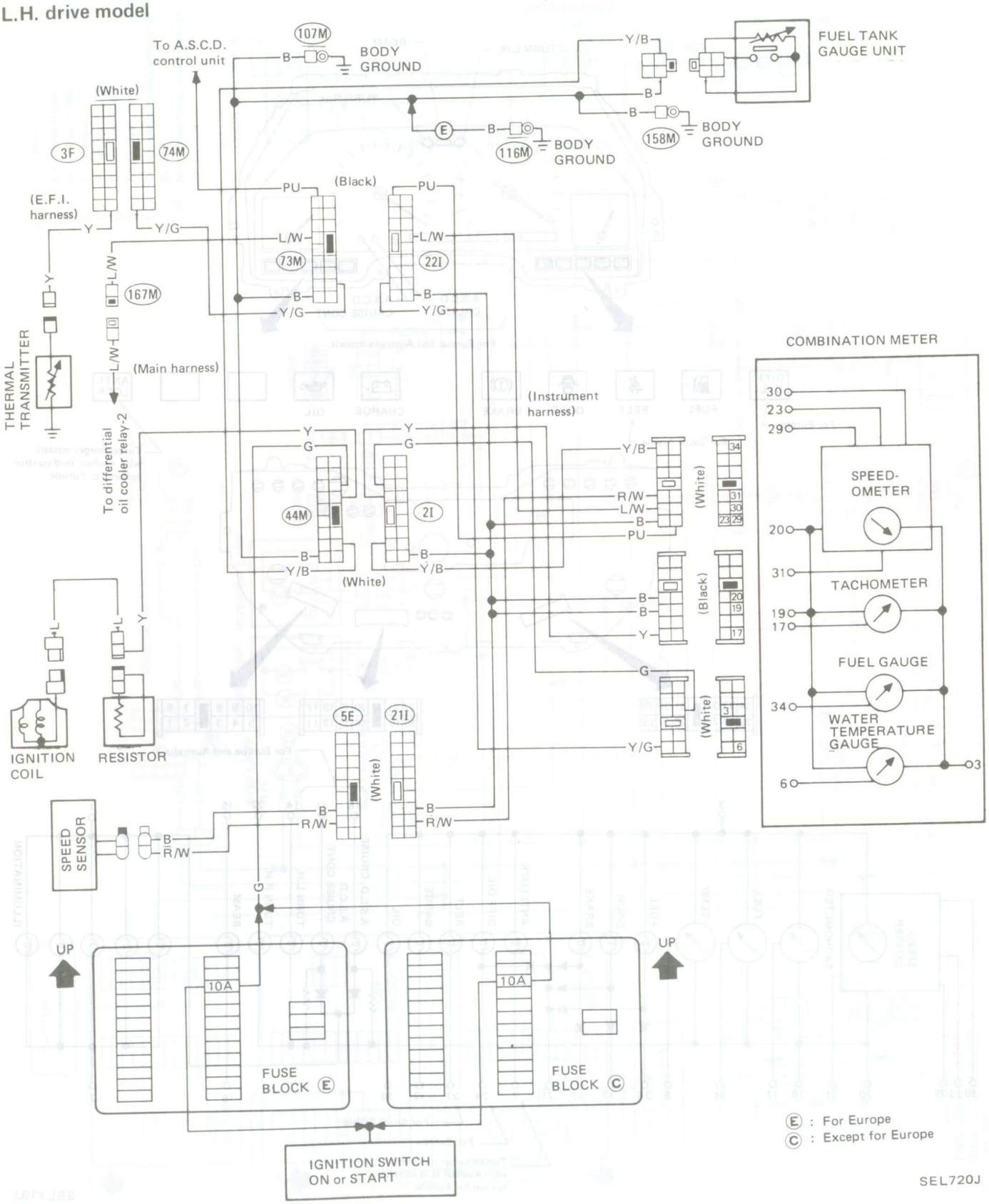


Combination Meter



Speed, Tacho, Fuel and Water Temperature Gauges/Wiring Diagram

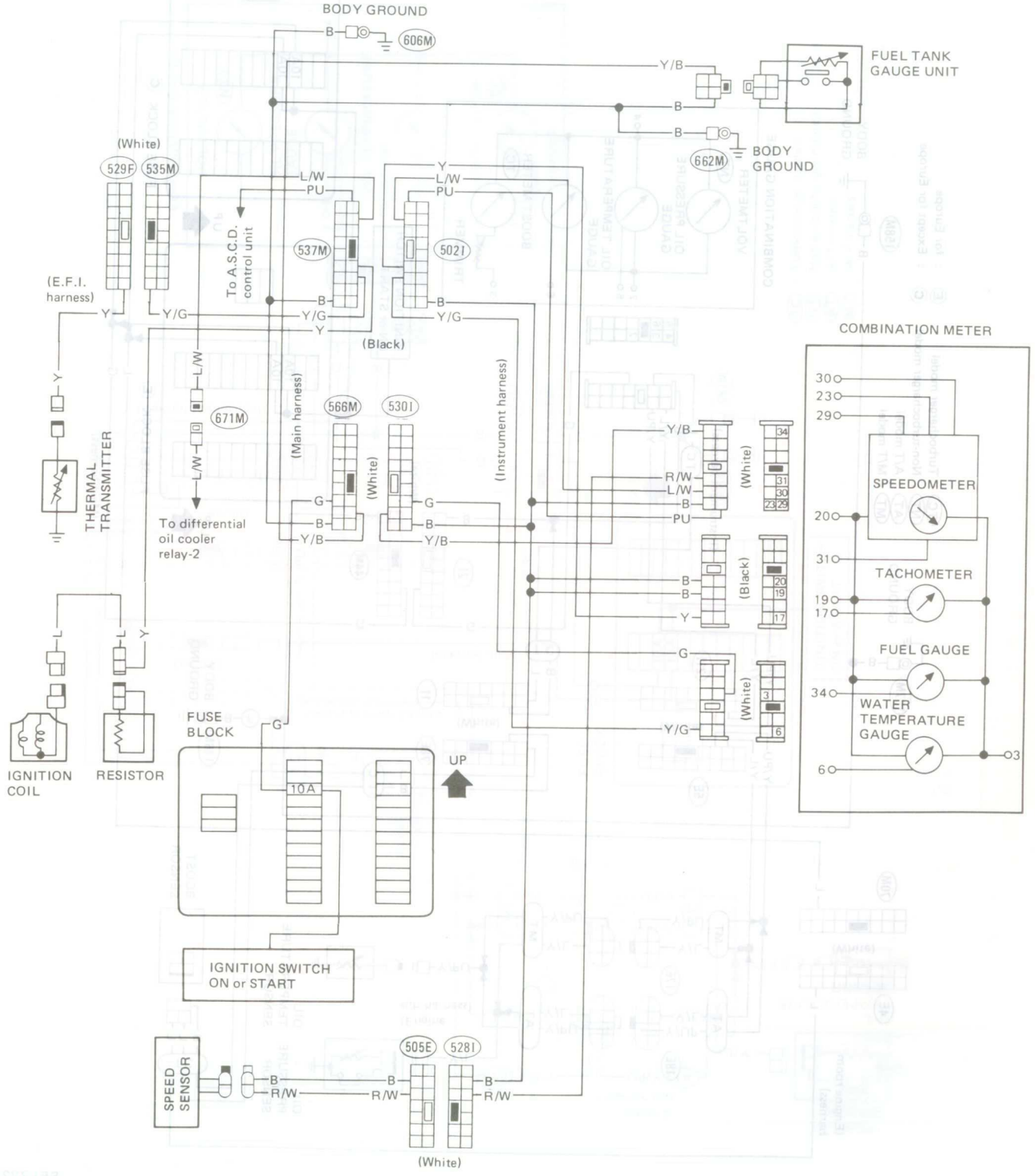
L.H. drive model



METER AND GAUGES —Needle Type Combination Meter

Speed, Tacho, Fuel and Water Temperature Gauges /Wiring Diagram (Cont'd)

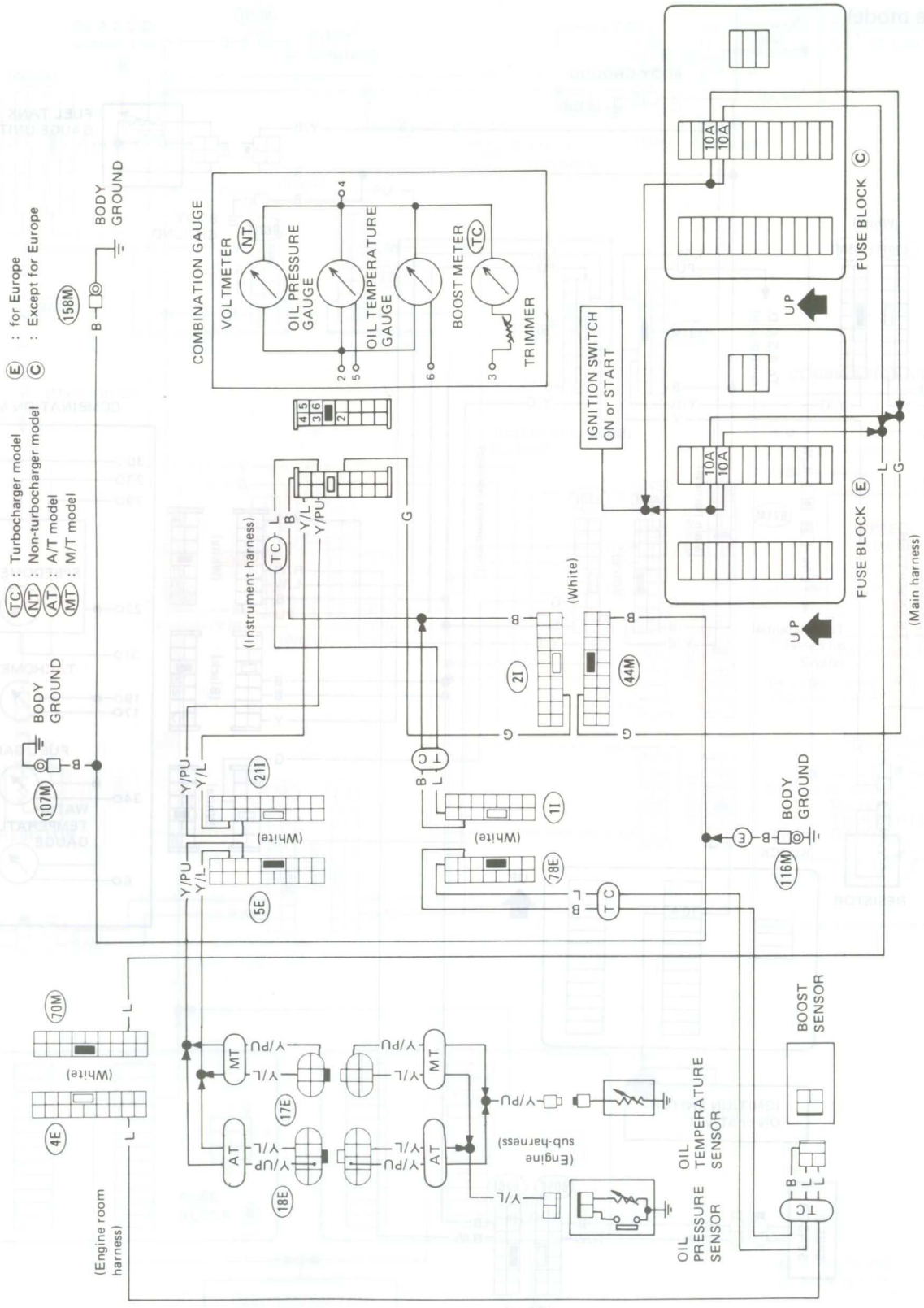
R.H. drive model



SEL721J

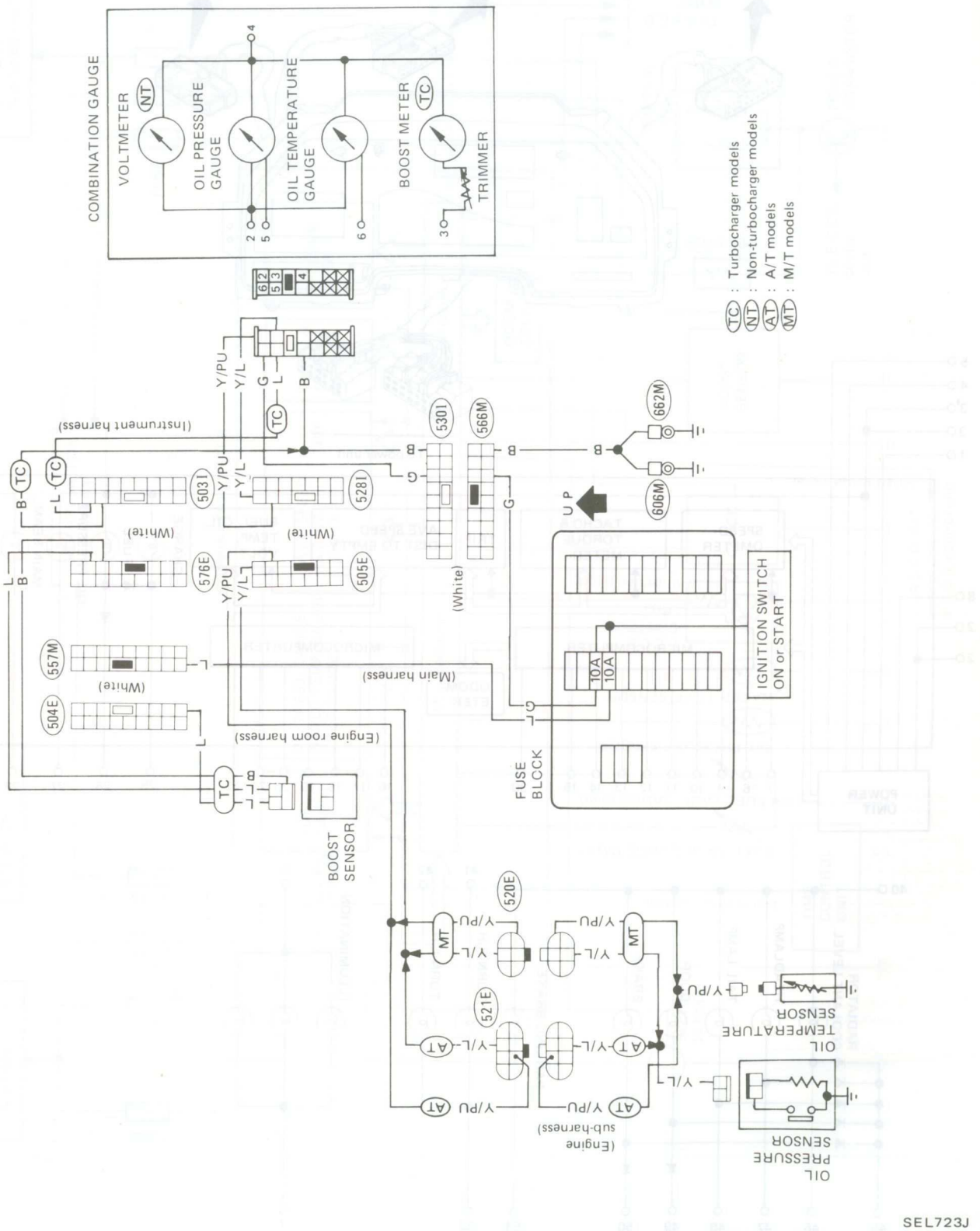
Oil Temp., Oil Pressure, Boost and Volt Gauges/Wiring Diagram

L.H. drive model

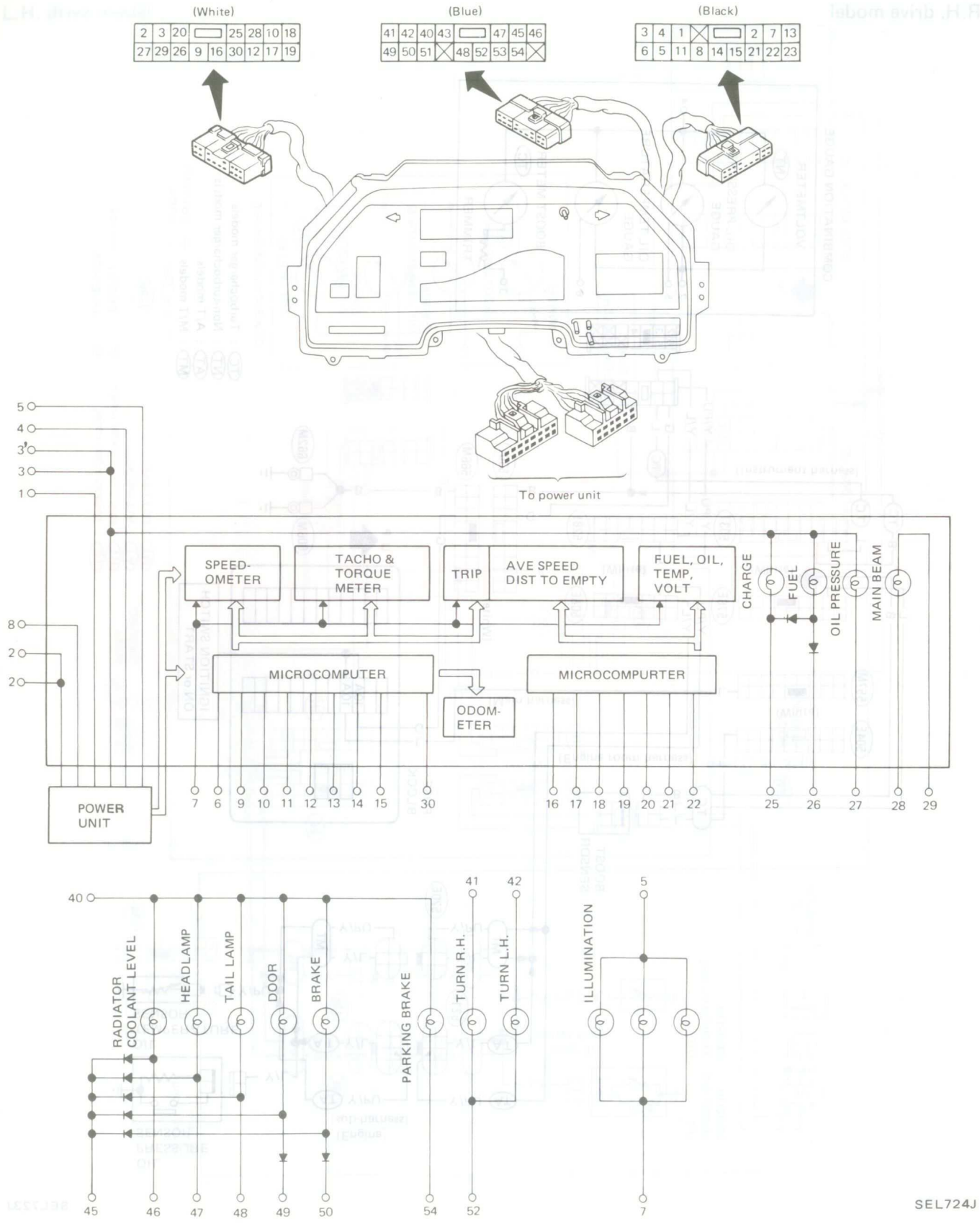


— Oil Temp., Oil Pressure, Boost and Volt Gauges/Wiring Diagram (Cont'd) —

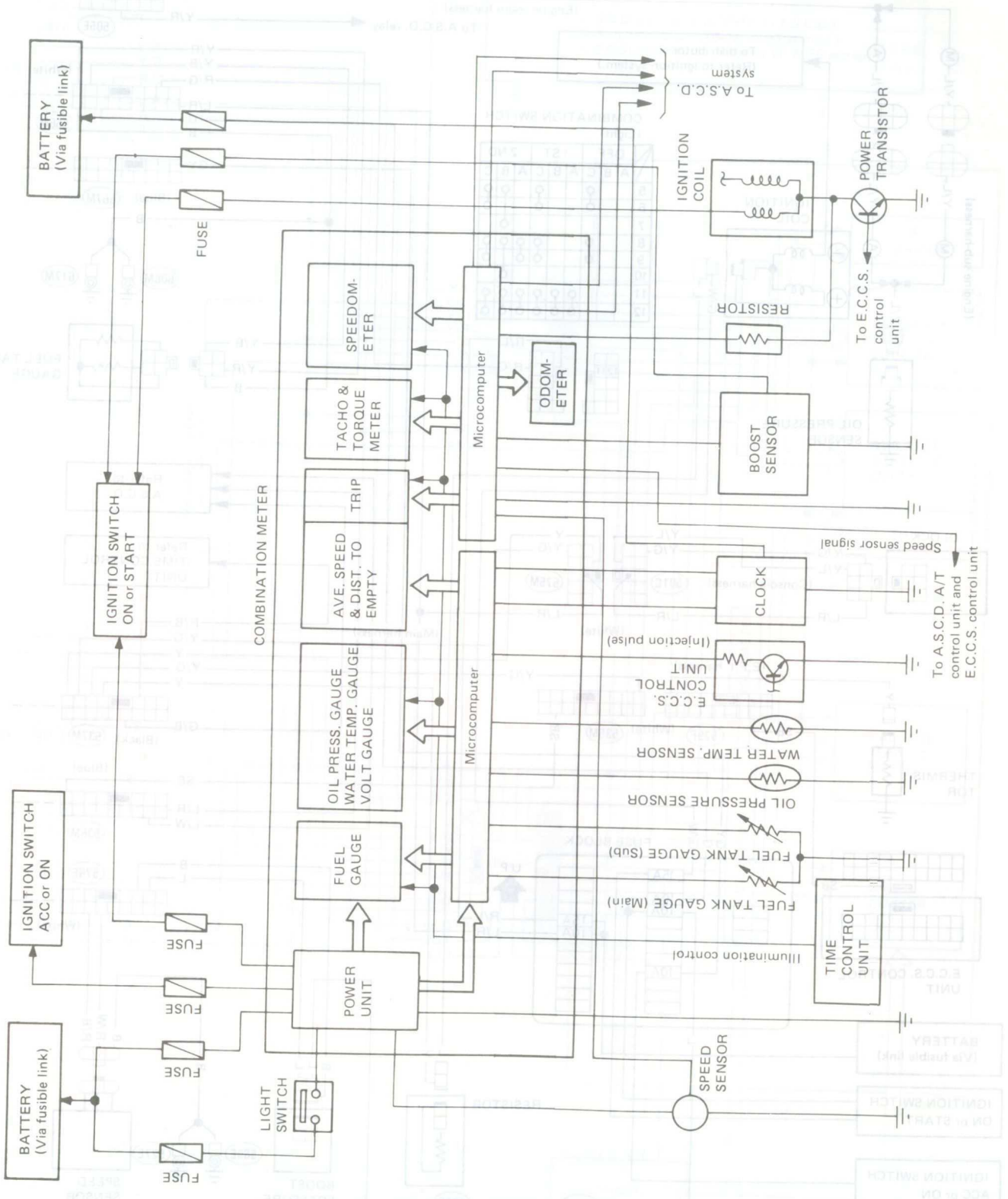
R.H. drive model



Combination Meter



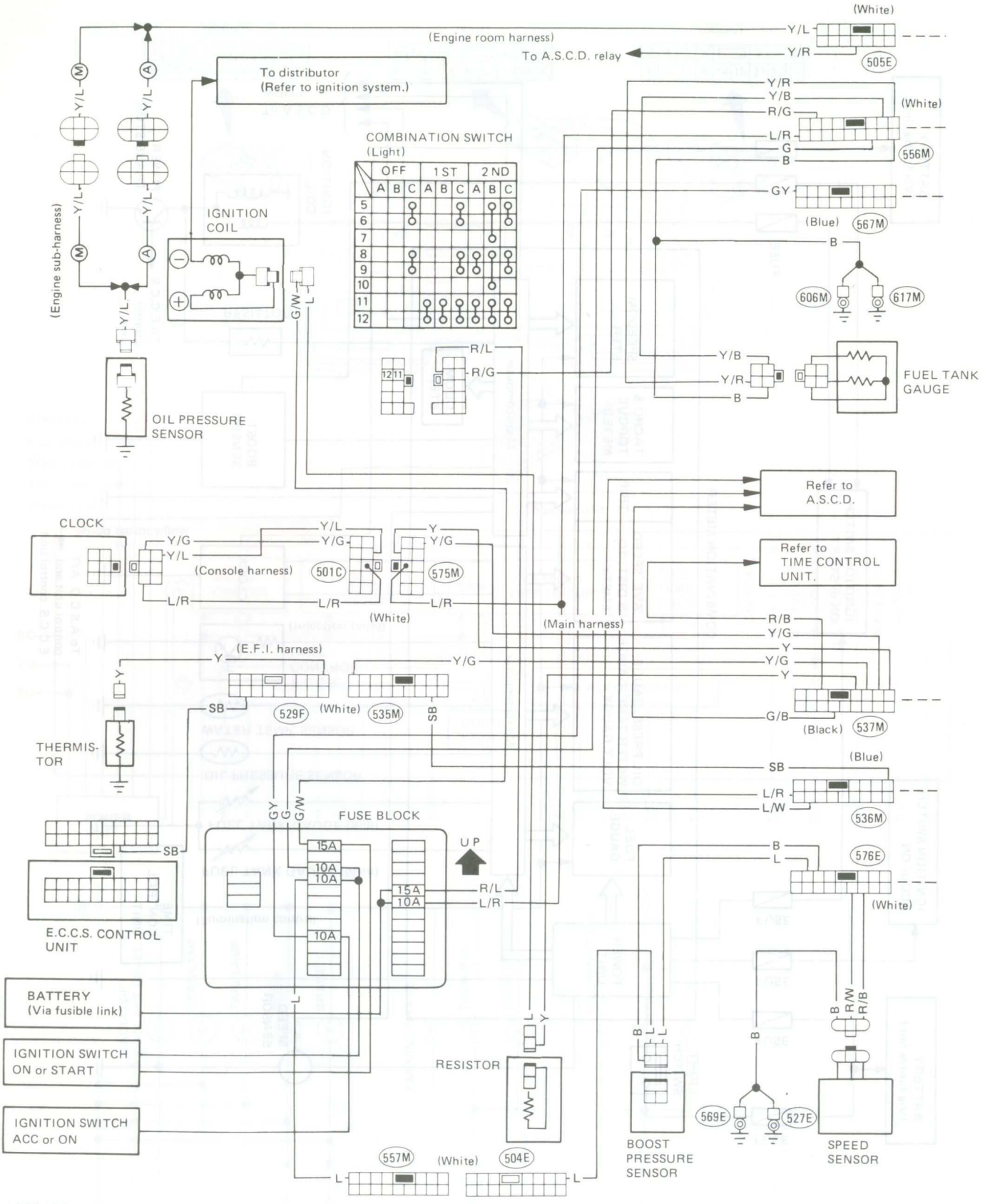
Schematic



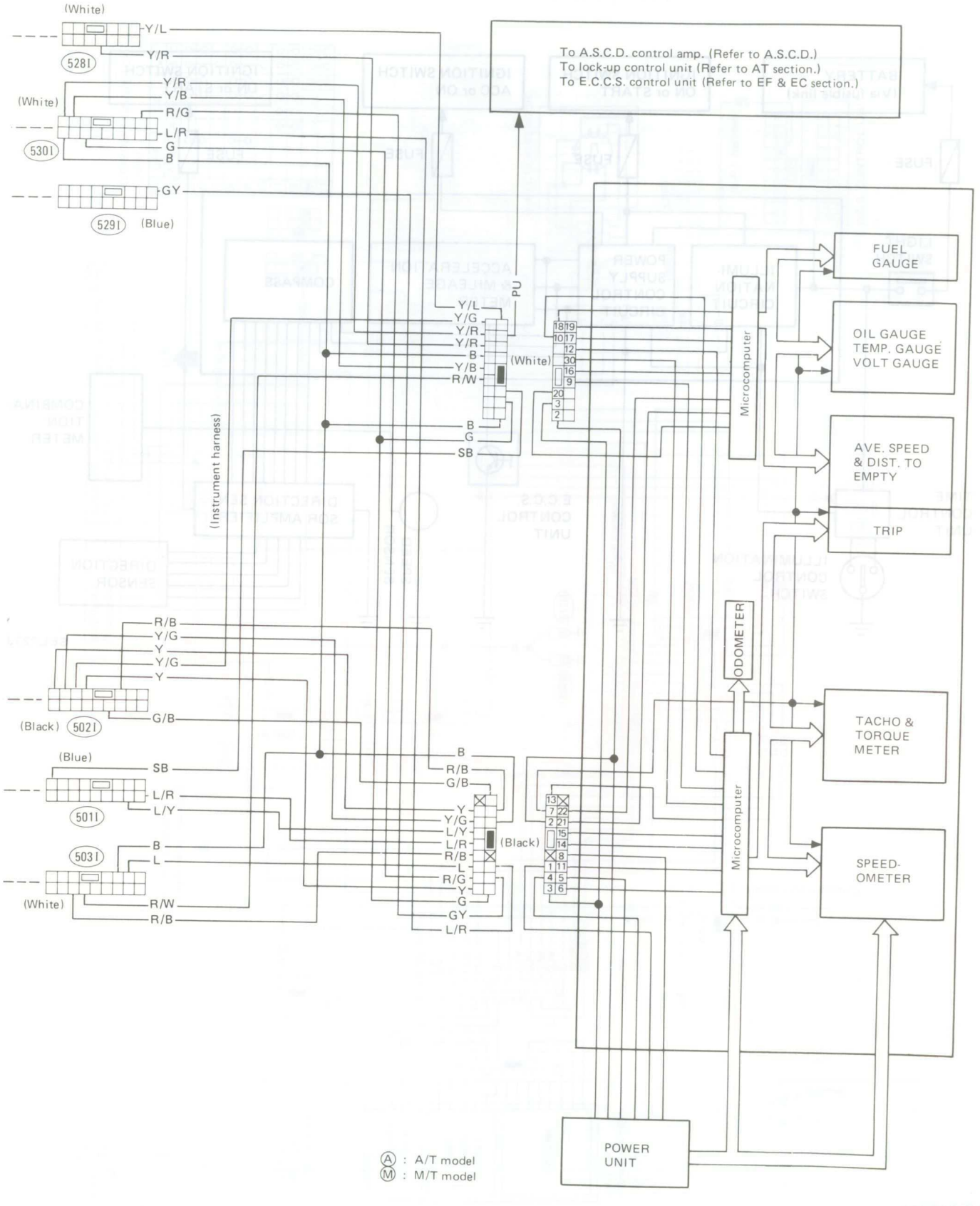
SEL725J

METER AND GAUGES — Digital Type Combination Meter

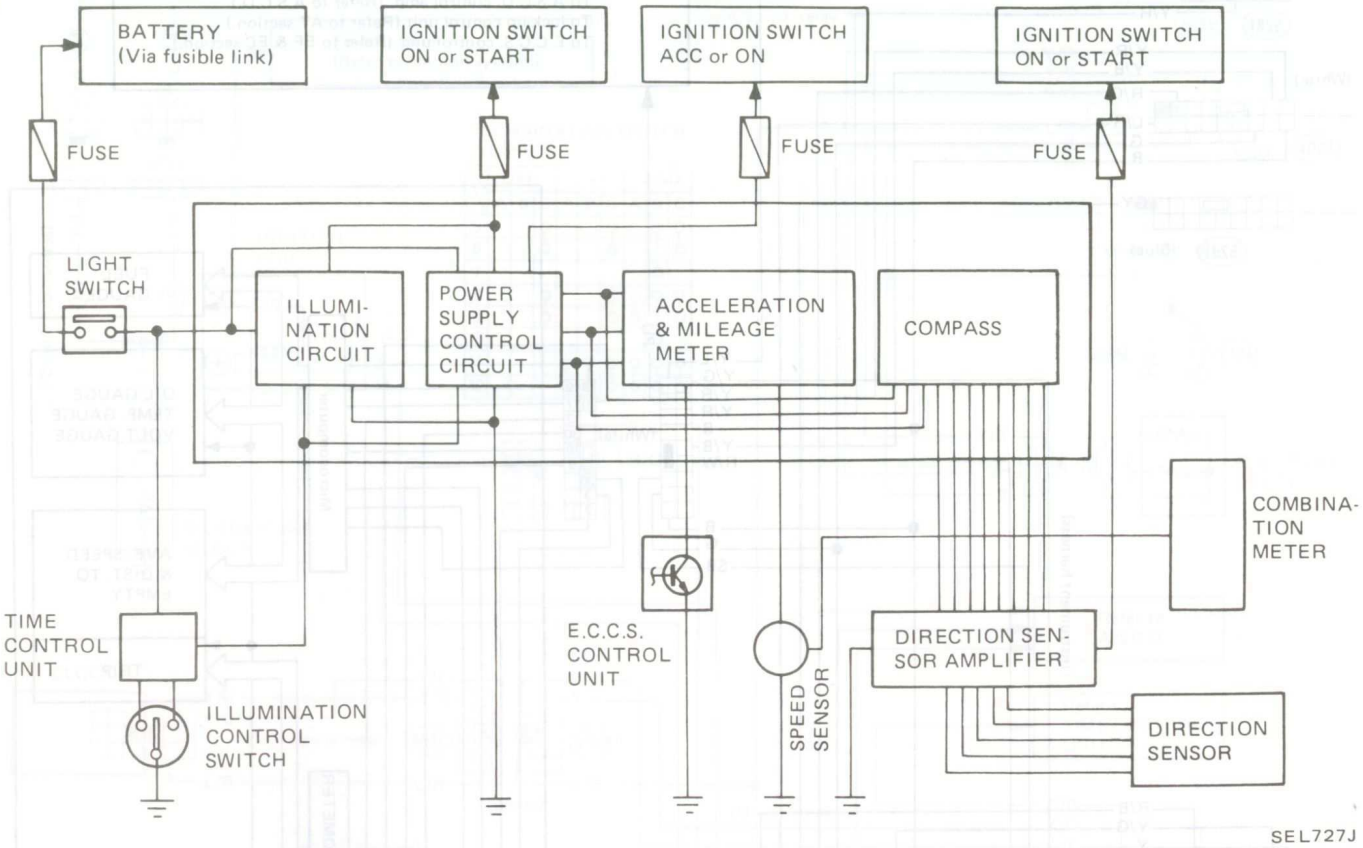
Wiring Diagram



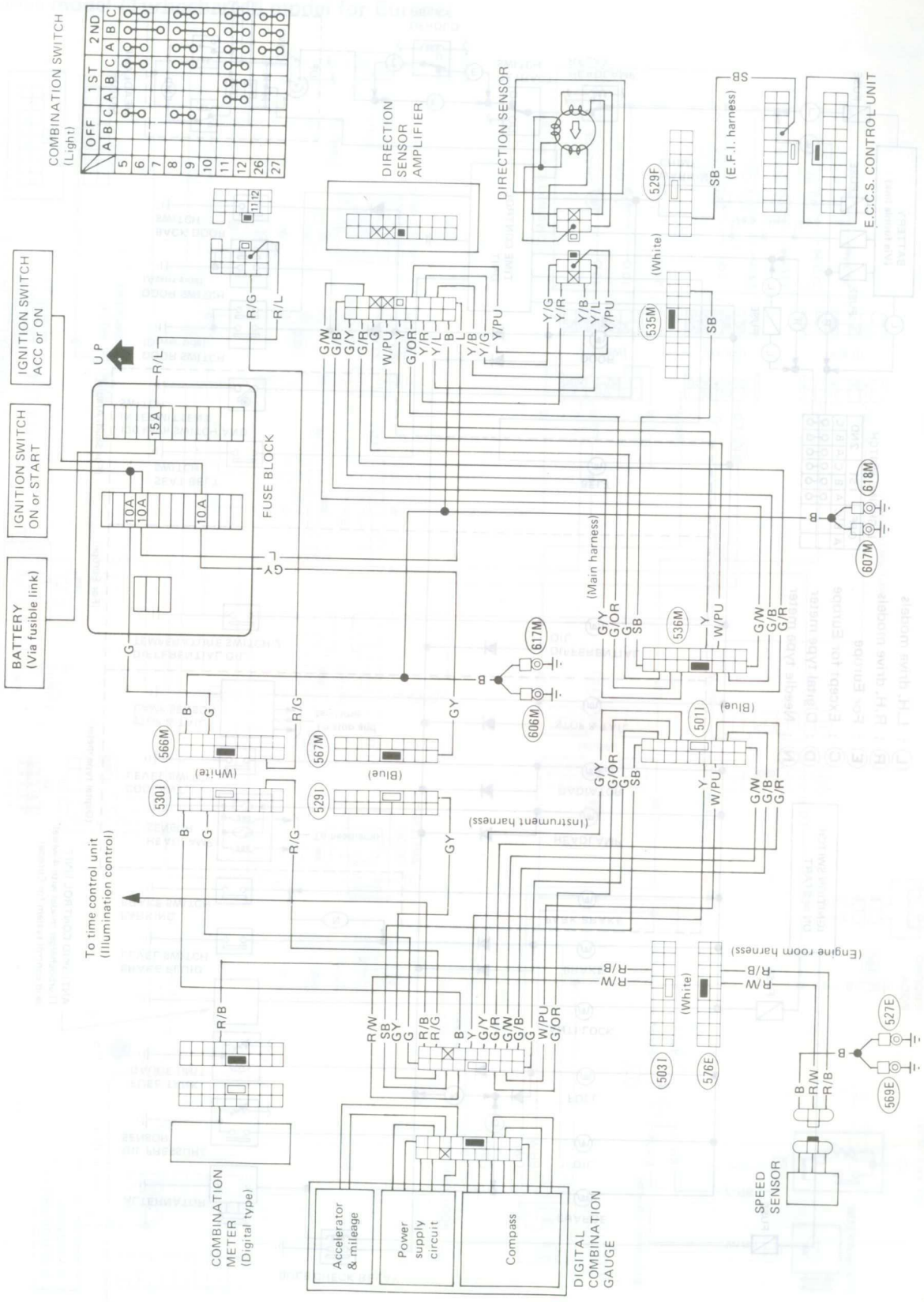
Wiring Diagram (Cont'd)



Schematic

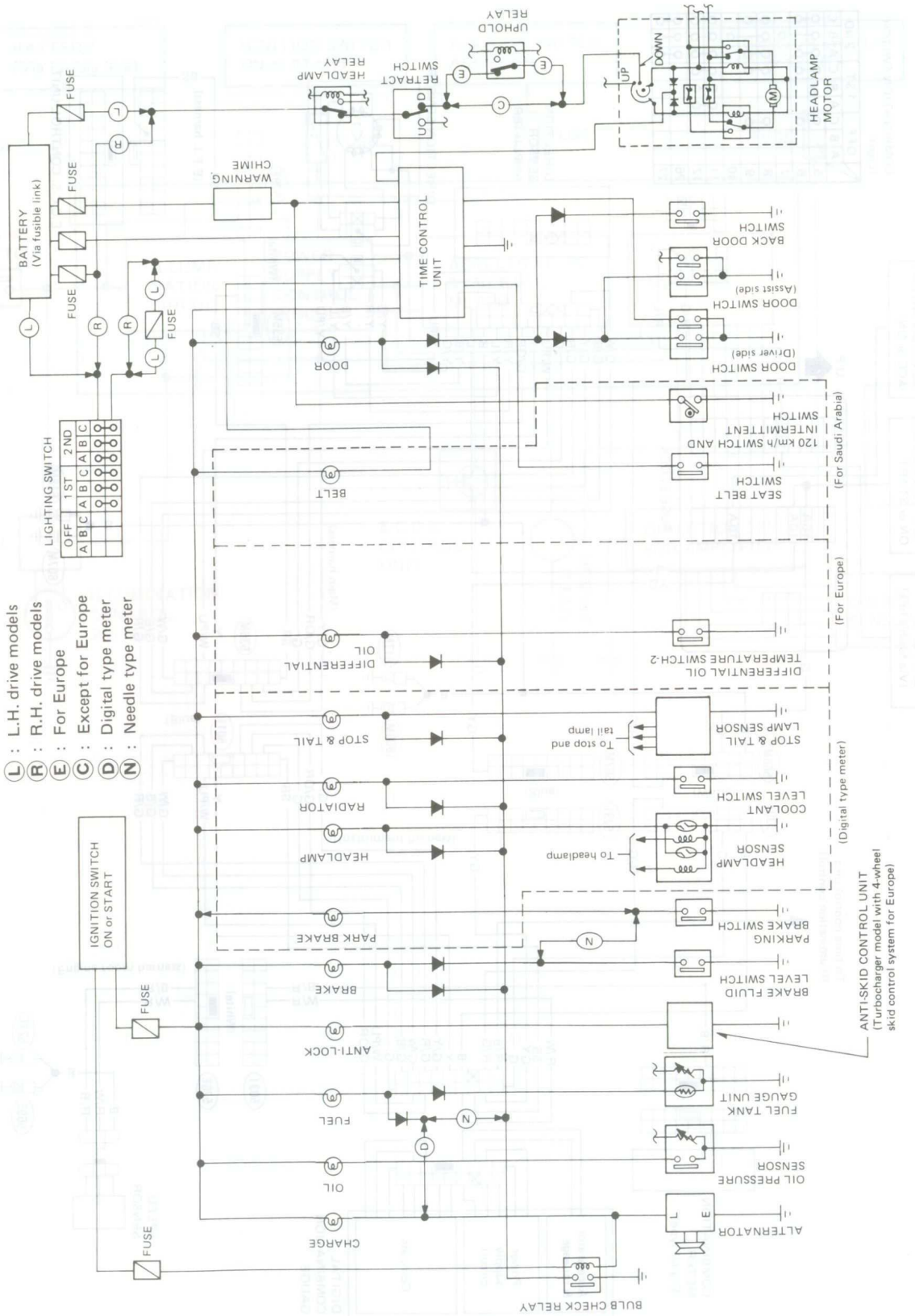

BATTERY
(Via fusible link)
IGNITION SWITCH
ON or START
IGNITION SWITCH
ACC or ON
IGNITION SWITCH
ON or START
FUSE
FUSE
FUSE
FUSE
LIGHT
SWITCH
ILLUMI-
NATION
CIRCUIT
POWER
SUPPLY
CONTROL
CIRCUIT
ACCELERATION
& MILEAGE
METER
COMPASS
COMBINA-
TION
METER
TIME
CONTROL
UNIT
ILLUMINATION
CONTROL
SWITCH
E.C.C.S.
CONTROL
UNIT
SPEED
SENSOR
DIRECTION SEN-
SOR AMPLIFIER
DIRECTION
SENSOR
SEL727J

Wiring Diagram



SEL728J

Schematic

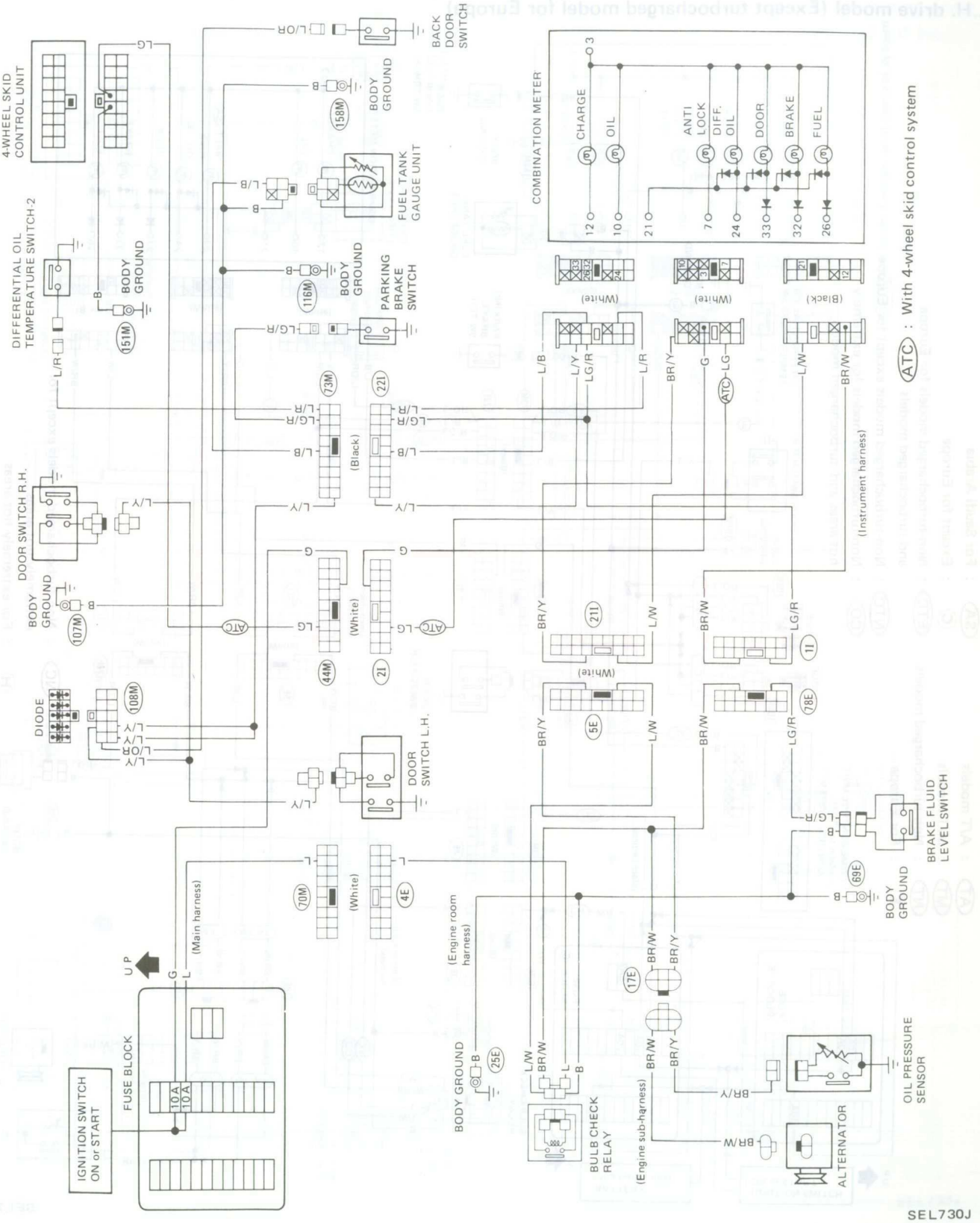


SEL729J

WARNING LAMPS AND CHIME

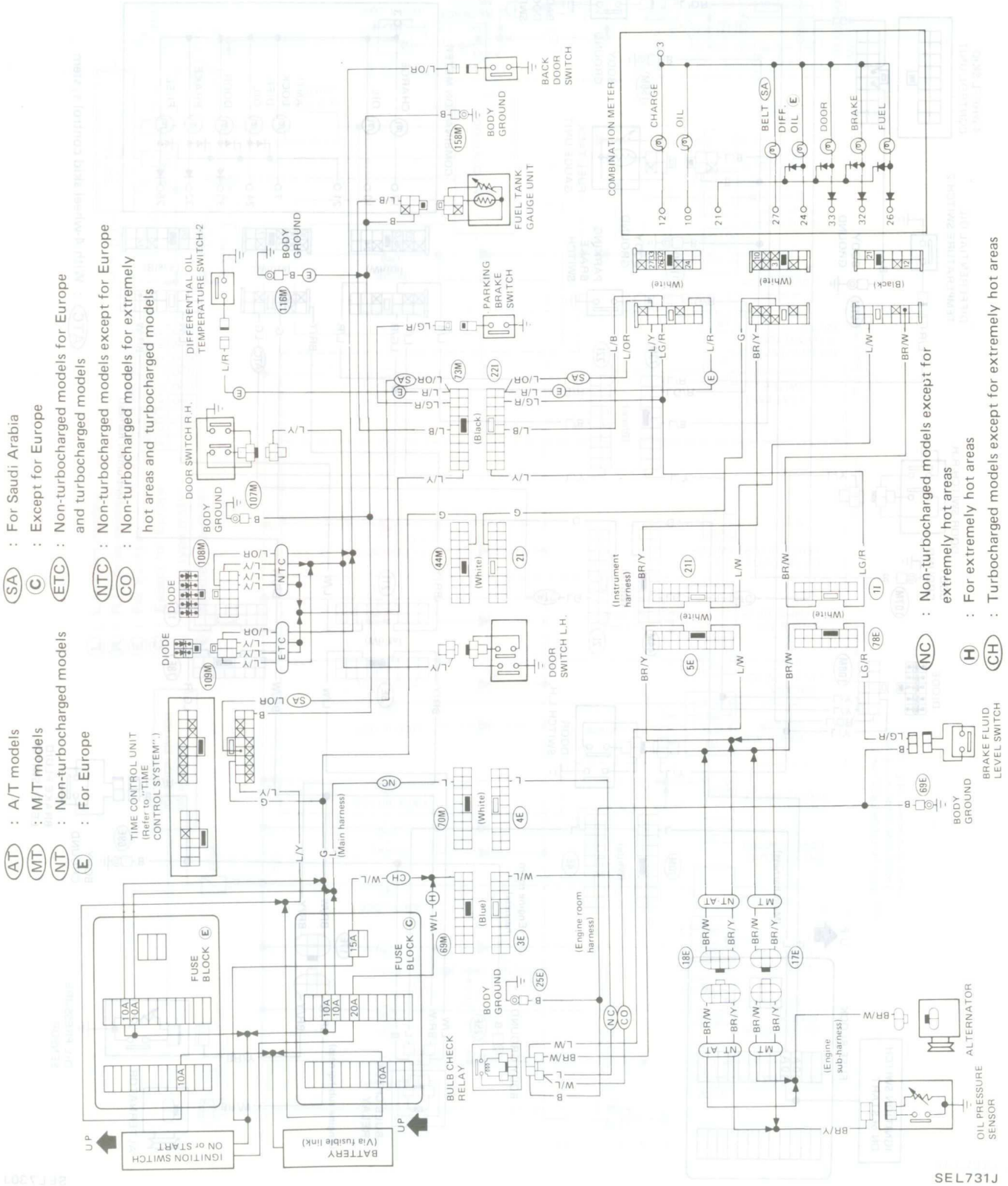
— Warning Lamps/Wiring Diagram — For Needle Type Combination Meter —

L.H. drive model (Turbocharged model for Europe)



Warning Lamps/Wiring Diagram — For Needle Type Combination Meter — (Cont'd)

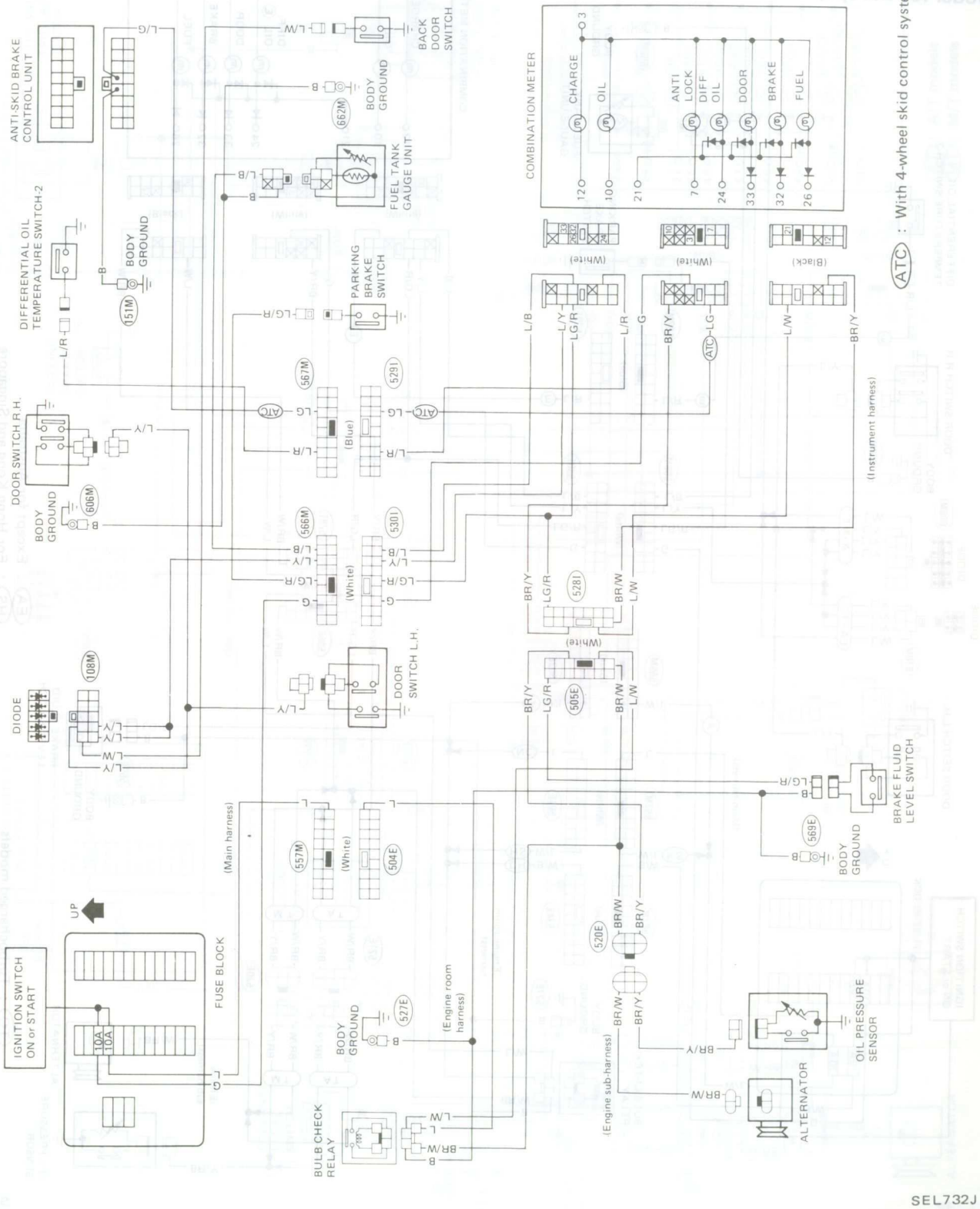
L.H. drive model (Except turbocharged model for Europe)



WARNING LAMPS AND CHIME

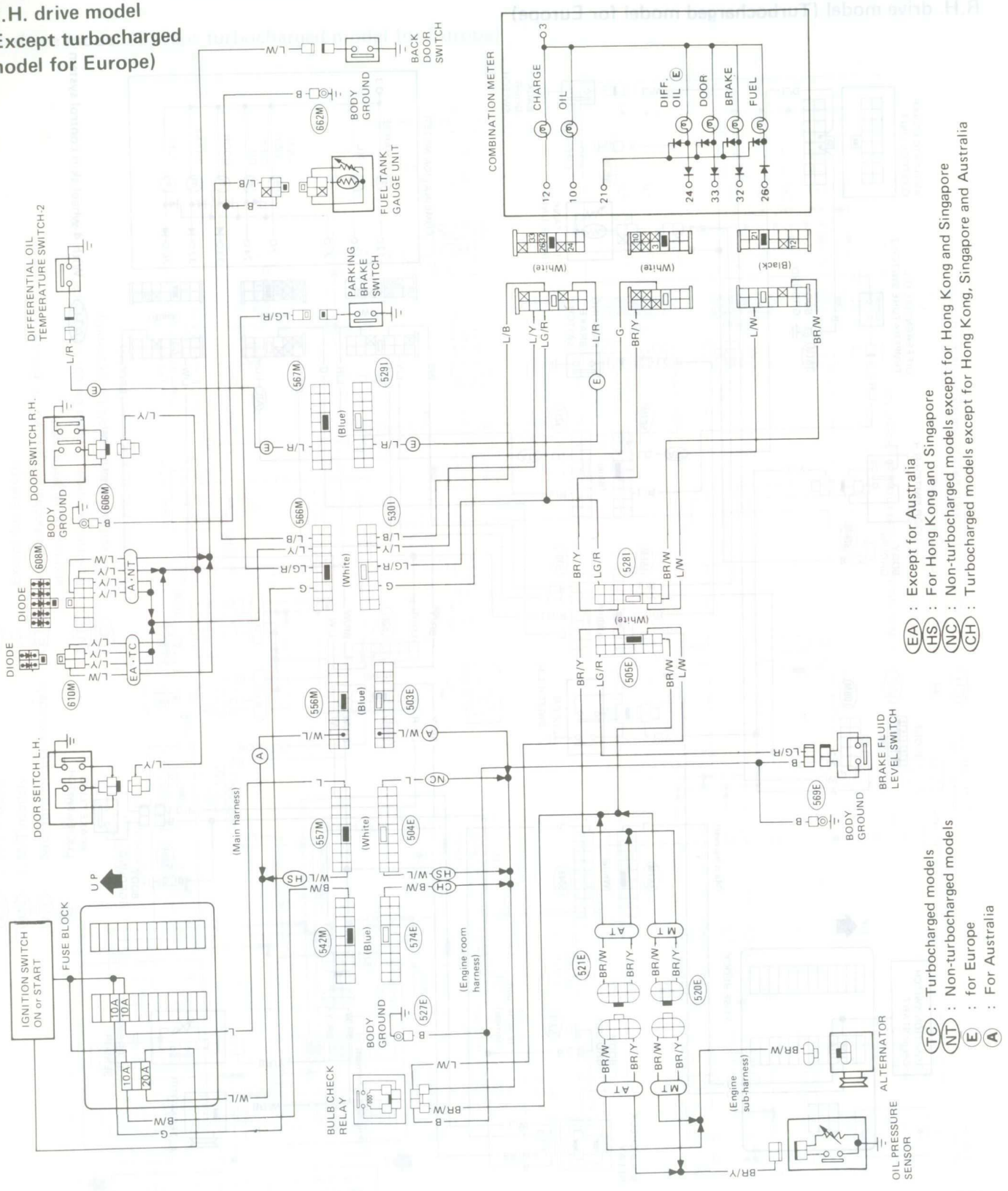
Warning Lamps/Wiring Diagram — For Needle Type Combination Meter — (Cont'd)

R.H. drive model (Turbocharged model for Europe)



Warning Lamps/Wiring Diagram — For Needle Type Combination Meter — (Cont'd)

R.H. drive model
(Except turbocharged model for Europe)



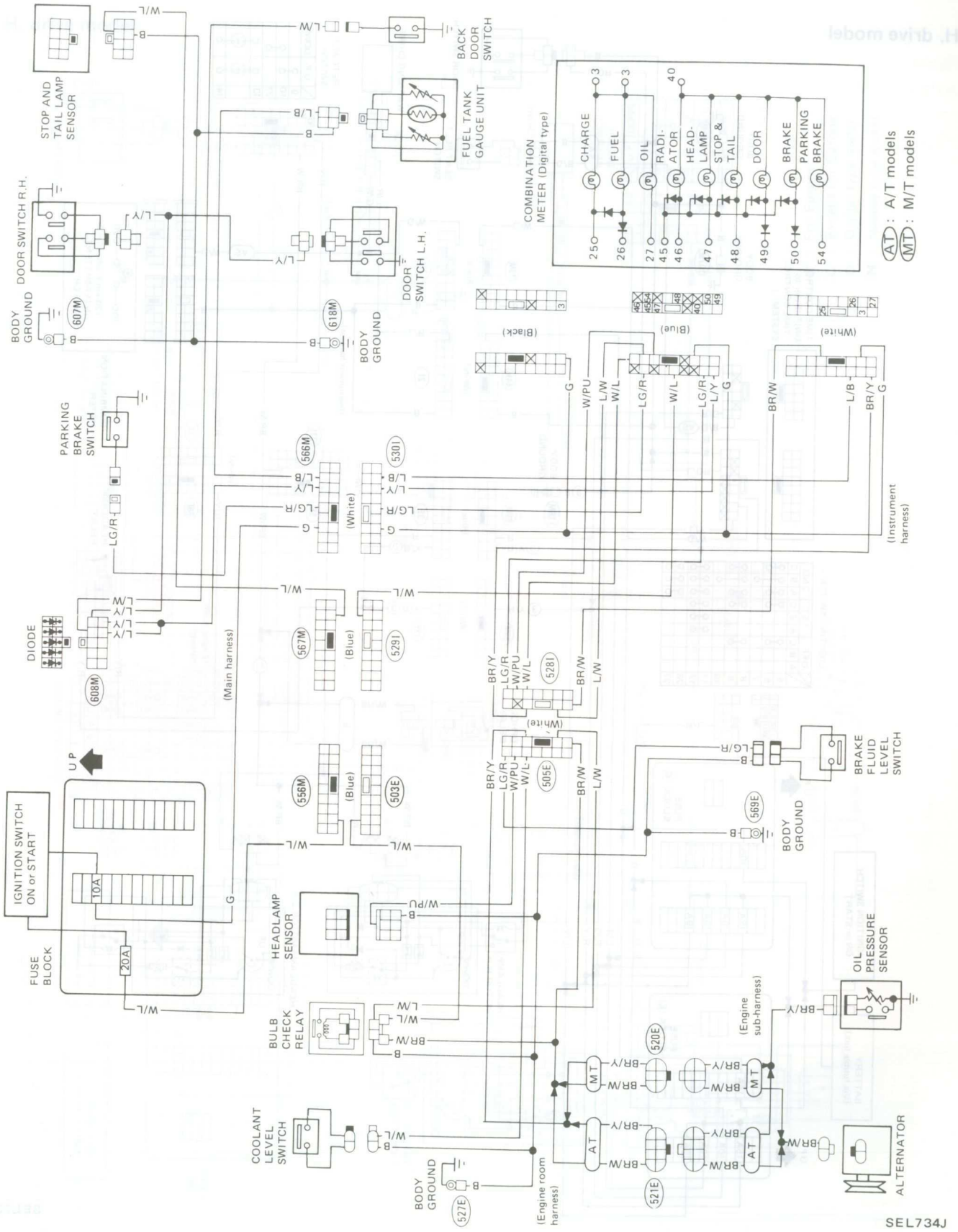
(EA) : Except for Australia
(HS) : For Hong Kong and Singapore
(NC) : Non-turbocharged models except for Hong Kong and Singapore
(CH) : Turbocharged models except for Hong Kong, Singapore and Australia

(TC) : Turbocharged models
(NT) : Non-turbocharged models
(E) : for Europe
(A) : For Australia

SEL733J

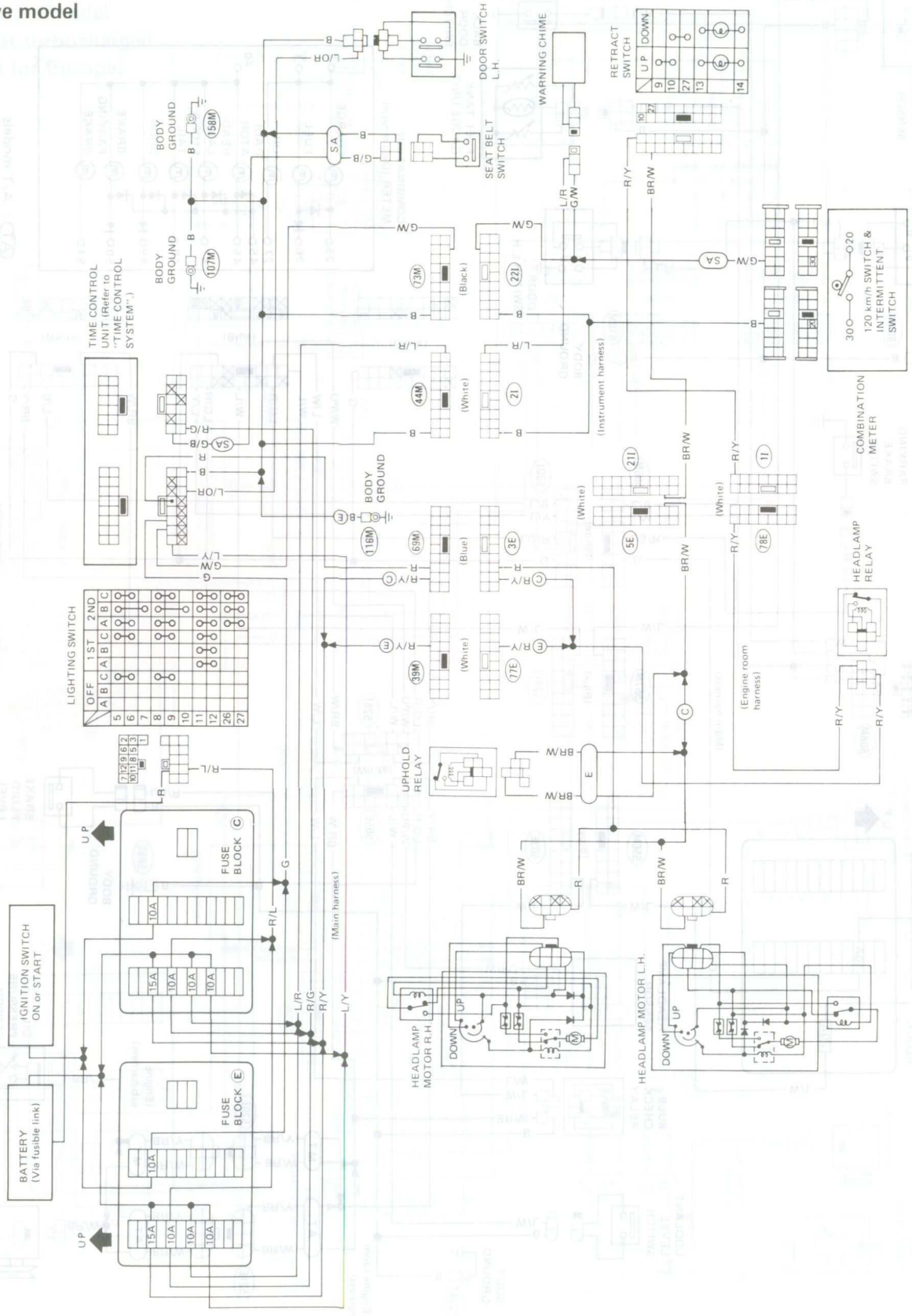
WARNING LAMPS AND CHIME

— Warning Lamps/Wiring Diagram — For Digital Type Combination Meter —



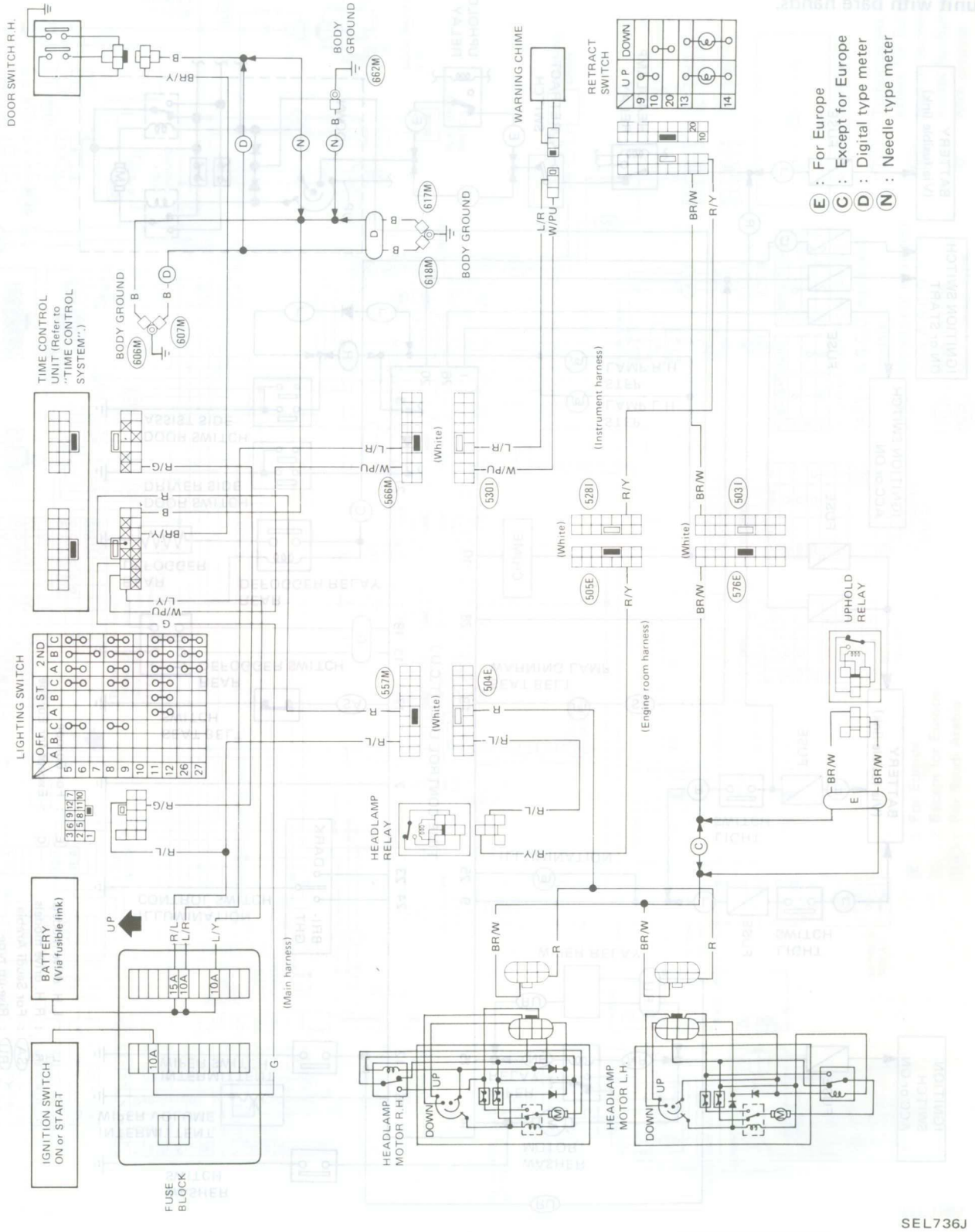
Warning Chime/Wiring Diagram

L.H. drive model



Warning Chime/Wiring Diagram (Cont'd)

R.H. drive model

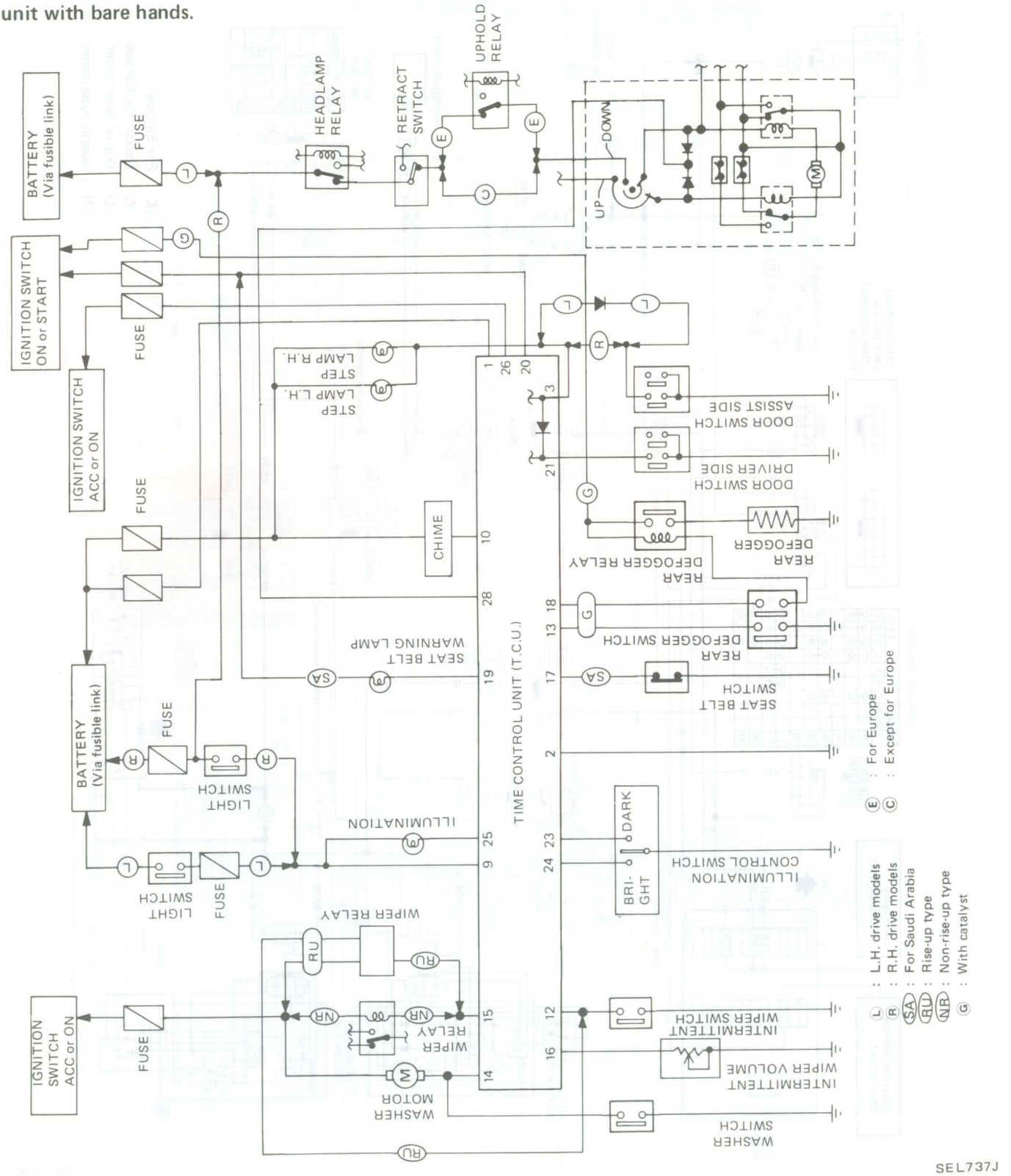


SEL736J

TIME CONTROL SYSTEM

Schematic

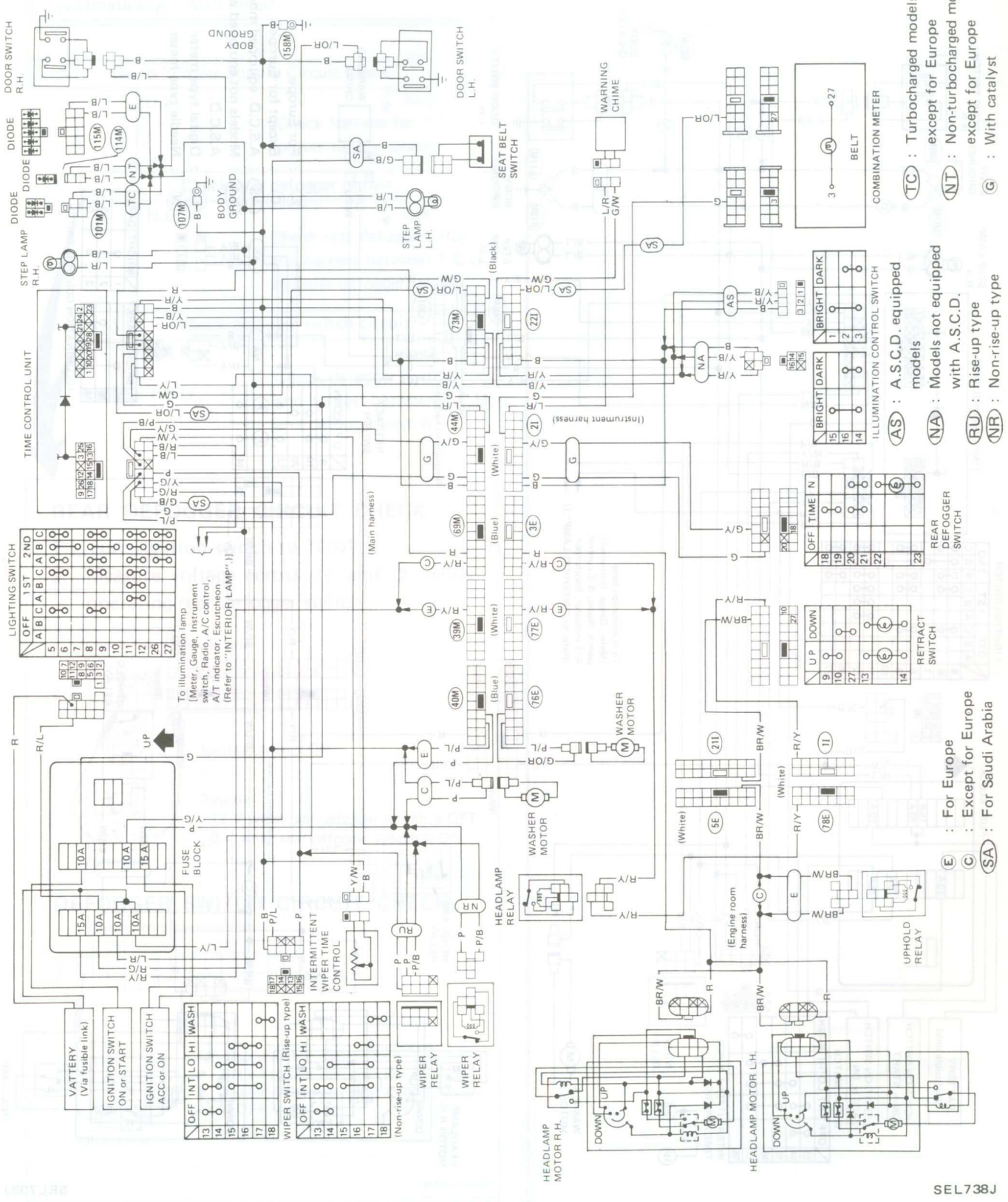
CAUTION:
Never touch the terminals of time control unit with bare hands.



SEL737J

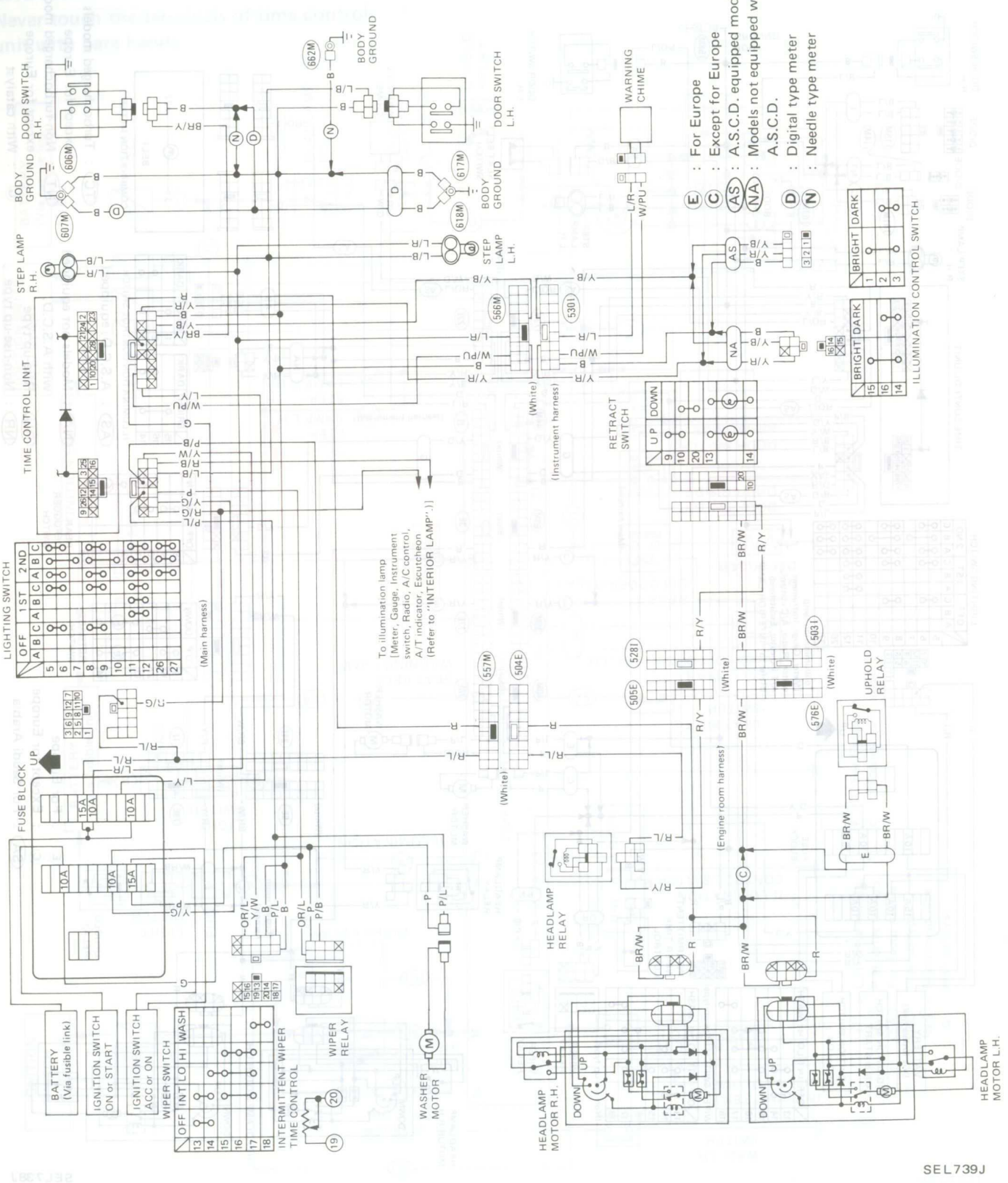
Wiring Diagram

L.H. drive model



Wiring Diagram (Cont'd)

R.H. drive model



Trouble-shooting

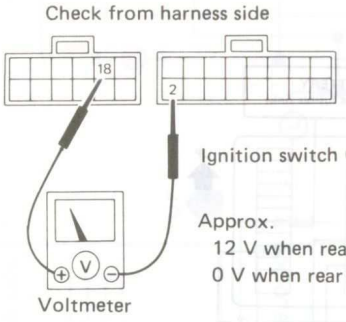
Rear defogger does not activate, or does not go off automatically. (With timer)

→ Go to "Power Supply Circuit Check".

- O.K. → Check rear defogger circuit.
  - N.G. → Check defogger switch circuit.
    - O.K. → Replace T.C.U.
    - N.G. → Check defogger switch, and harness between T.C.U. and defogger switch.
  - O.K. → Check rear defogger relay, and harness between T.C.U. and rear defogger relay.
- N.G. → Check harness for T.C.U. power supply circuit.

REAR DEFOGGER CIRCUIT CHECK

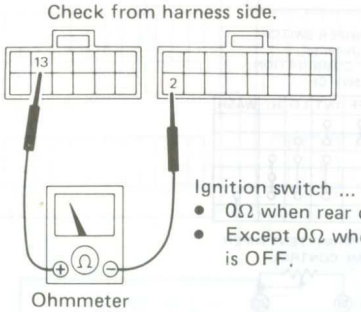
1. Turn ignition switch to "ON".
2. Measure voltage across ⑱ and ② while operating rear defogger switch.



Approx.
12 V when rear defogger switch is OFF
0 V when rear defogger switch is ON

SEL722D

DEFOGGER SWITCH CIRCUIT CHECK



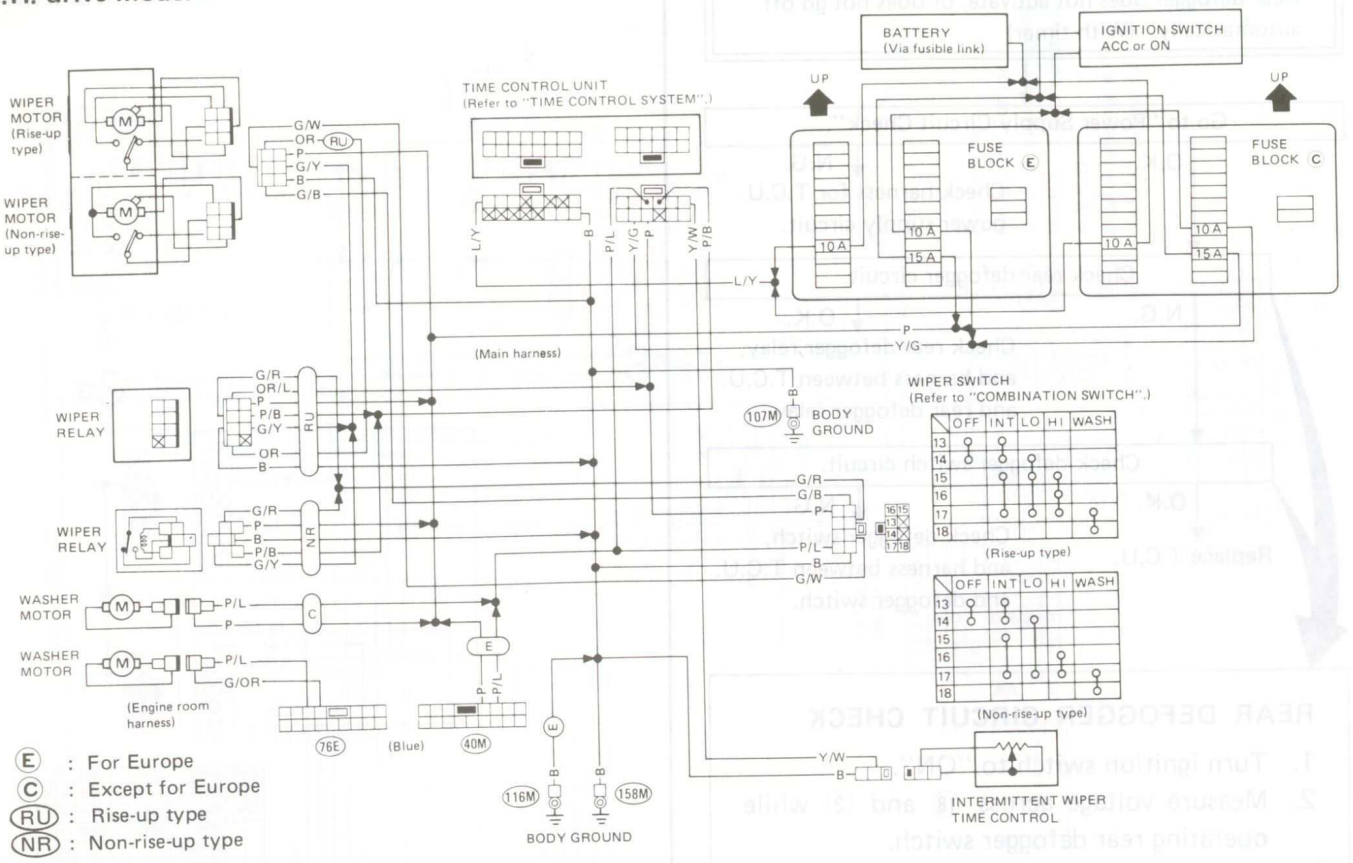
Ignition switch ... OFF

- 0Ω when rear defogger switch is ON.
- Except 0Ω when rear defogger switch is OFF.

SEL723D

Windshield Wiper and Washer/Wiring Diagram

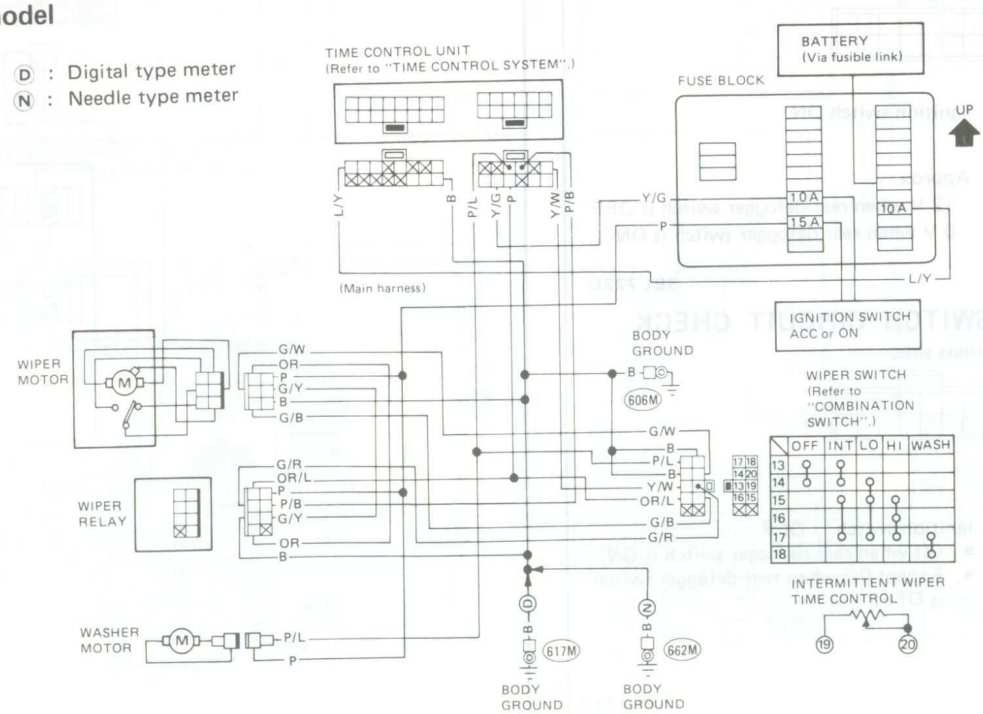
L.H. drive model



SEL740J

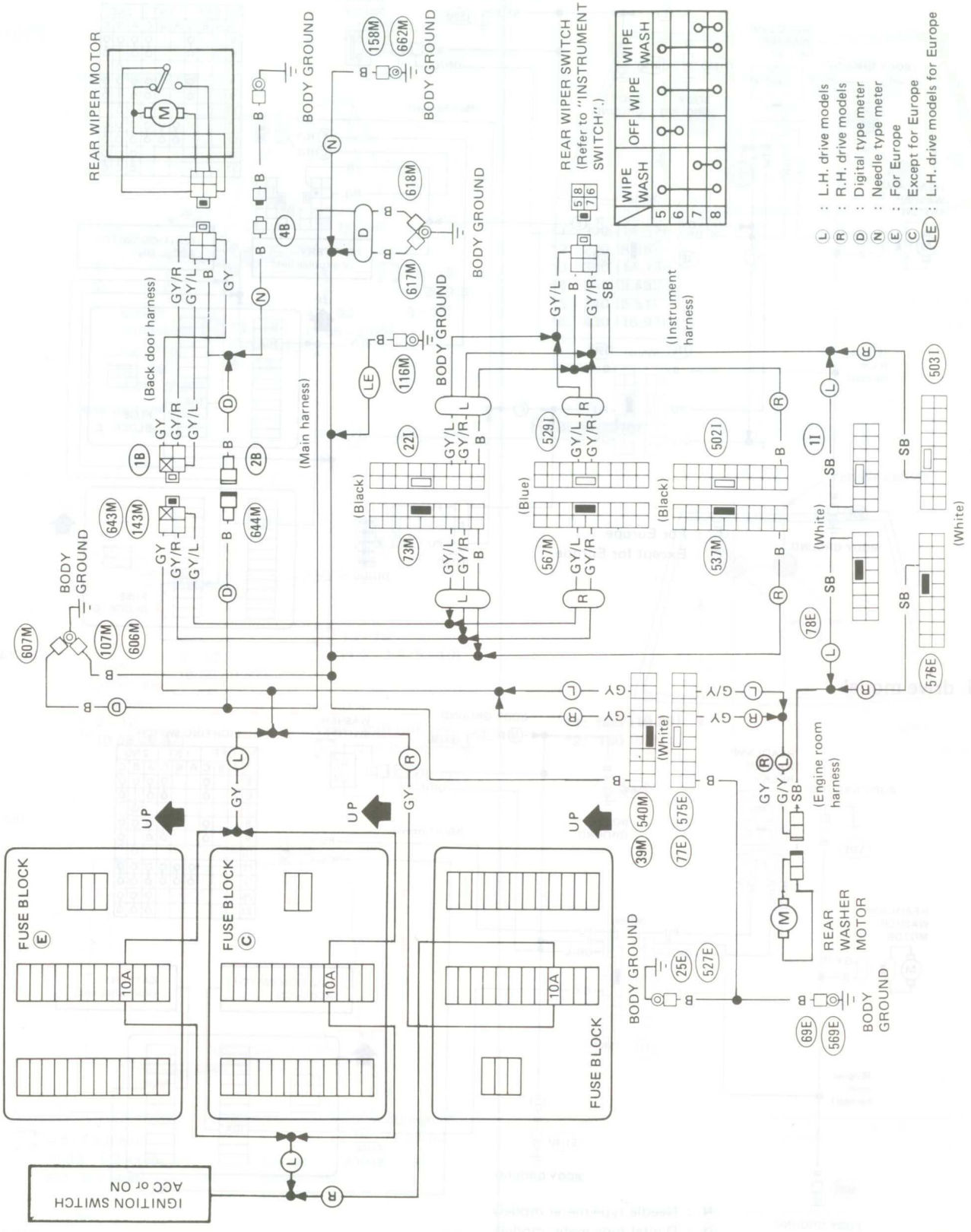
R.H. drive model

(D) : Digital type meter
(N) : Needle type meter



SEL741J

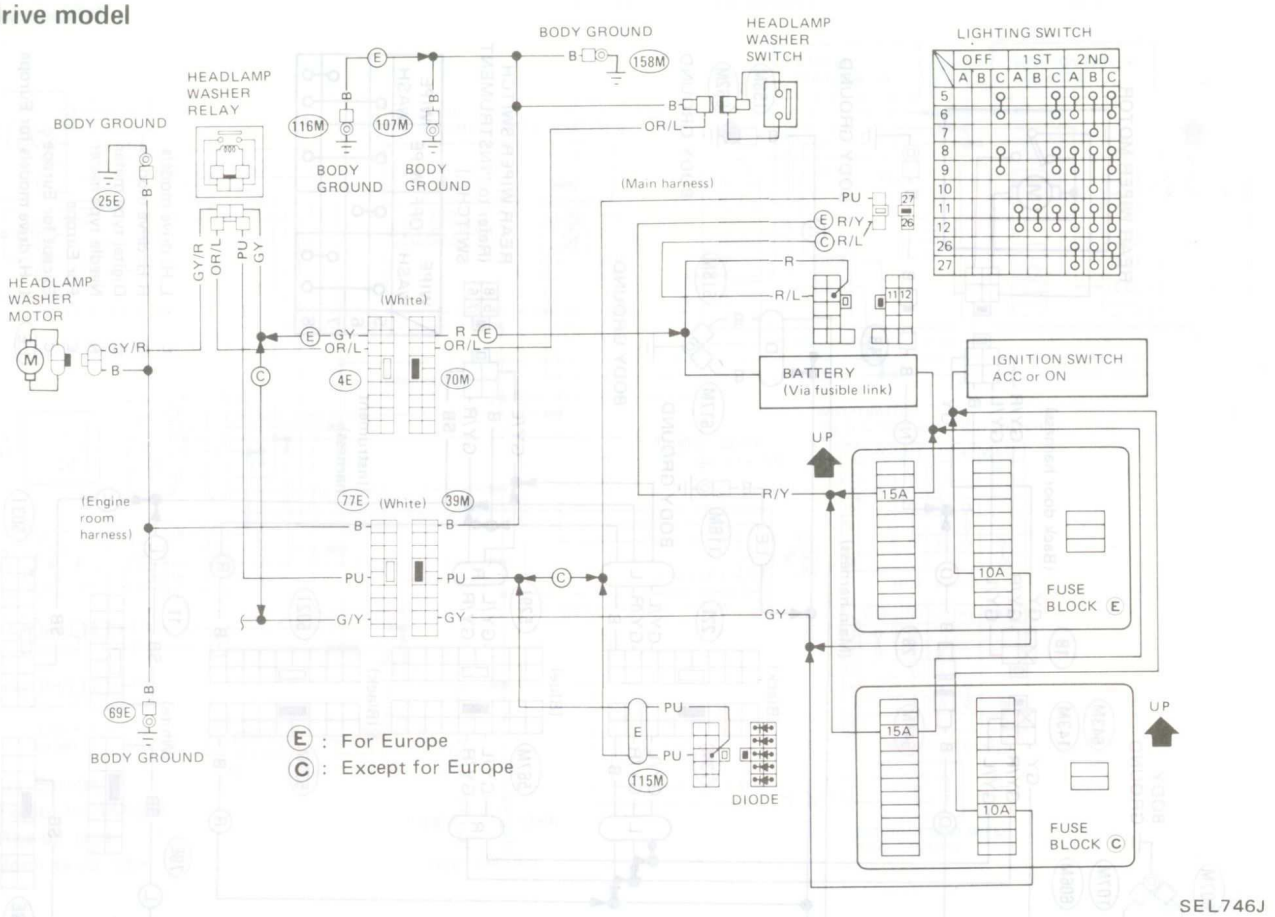
Rear Wiper and Washer/Wiring Diagram



SEL745J

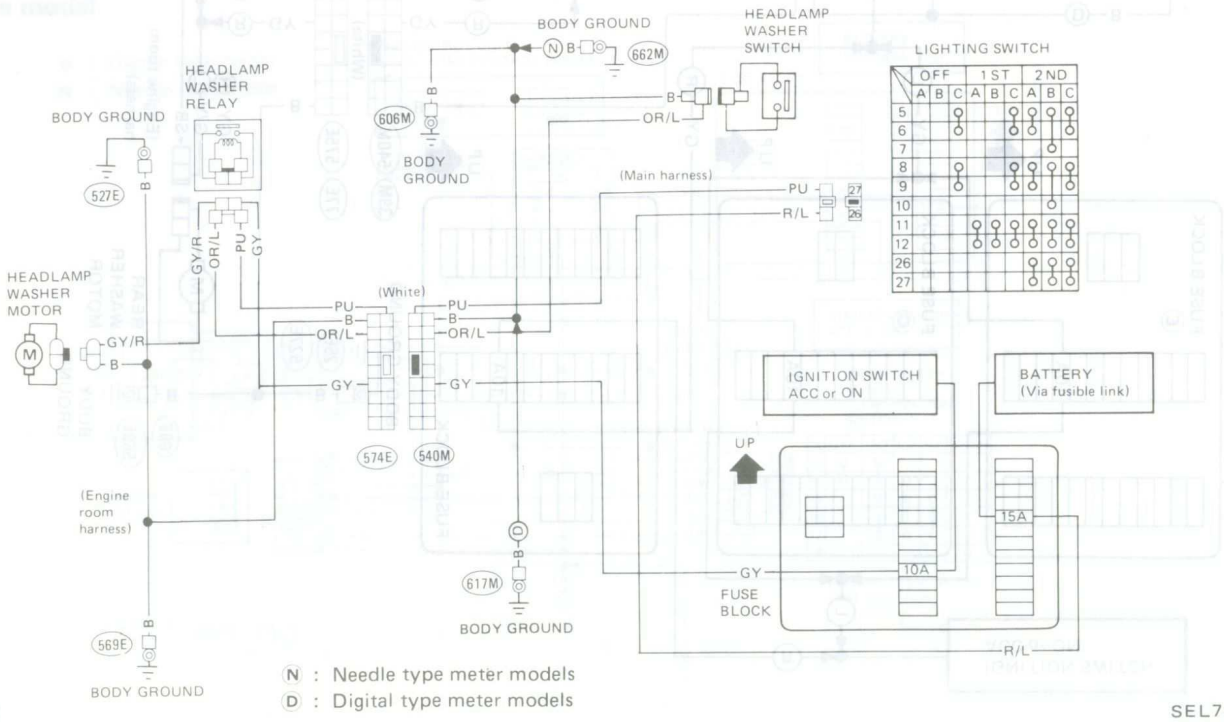
Headlamp Washer/Wiring Diagram

L.H. drive model



SEL746J

R.H. drive model

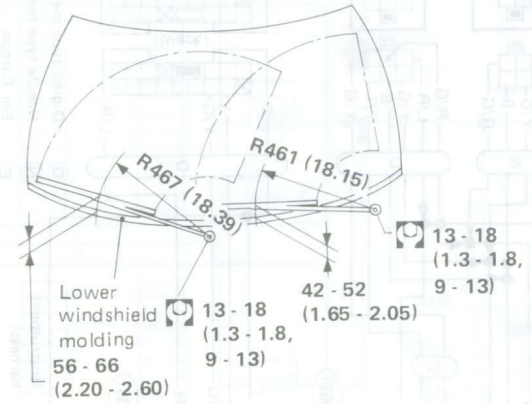


SEL747J

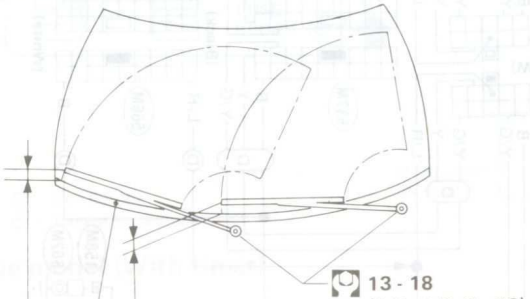
Wiper Arm Installation

Front

Non rise-up type



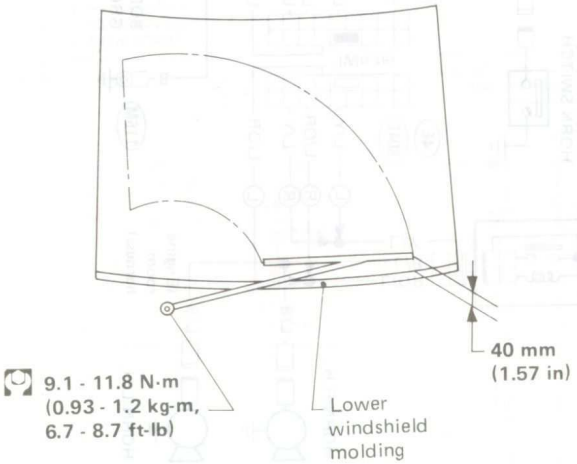
Rise-up type



Unit: mm (in)
: N·m (kg-m, ft-lb)

SEL742J

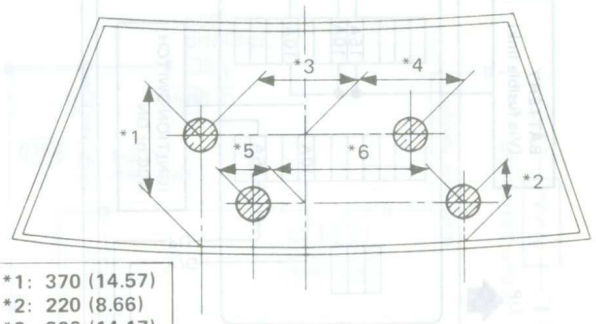
Rear



SEL743J

Washer Nozzle Adjustment

Front washer

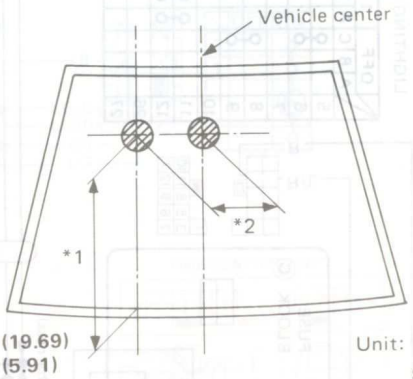


*1: 370 (14.57)
*2: 220 (8.66)
*3: 360 (14.17)
*4: 240 (9.45)
*5: 140 (5.51)
*6: 430 (16.93)

Unit: mm (in)

SEL152J

Rear washer



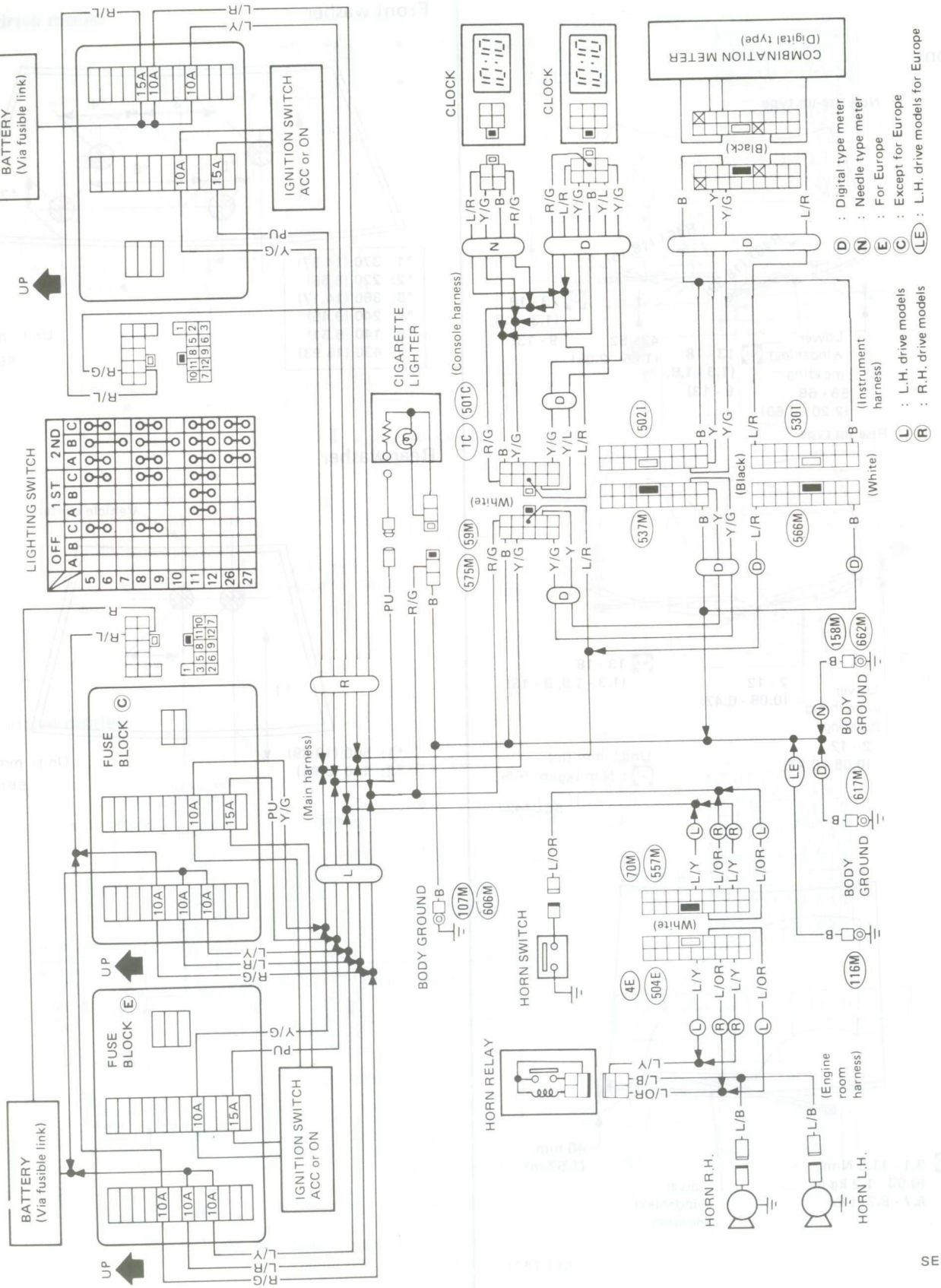
*1: 500 (19.69)
*2: 150 (5.91)

Unit: mm (in)

SEL744J

HORN, CIGARETTE LIGHTER, CLOCK

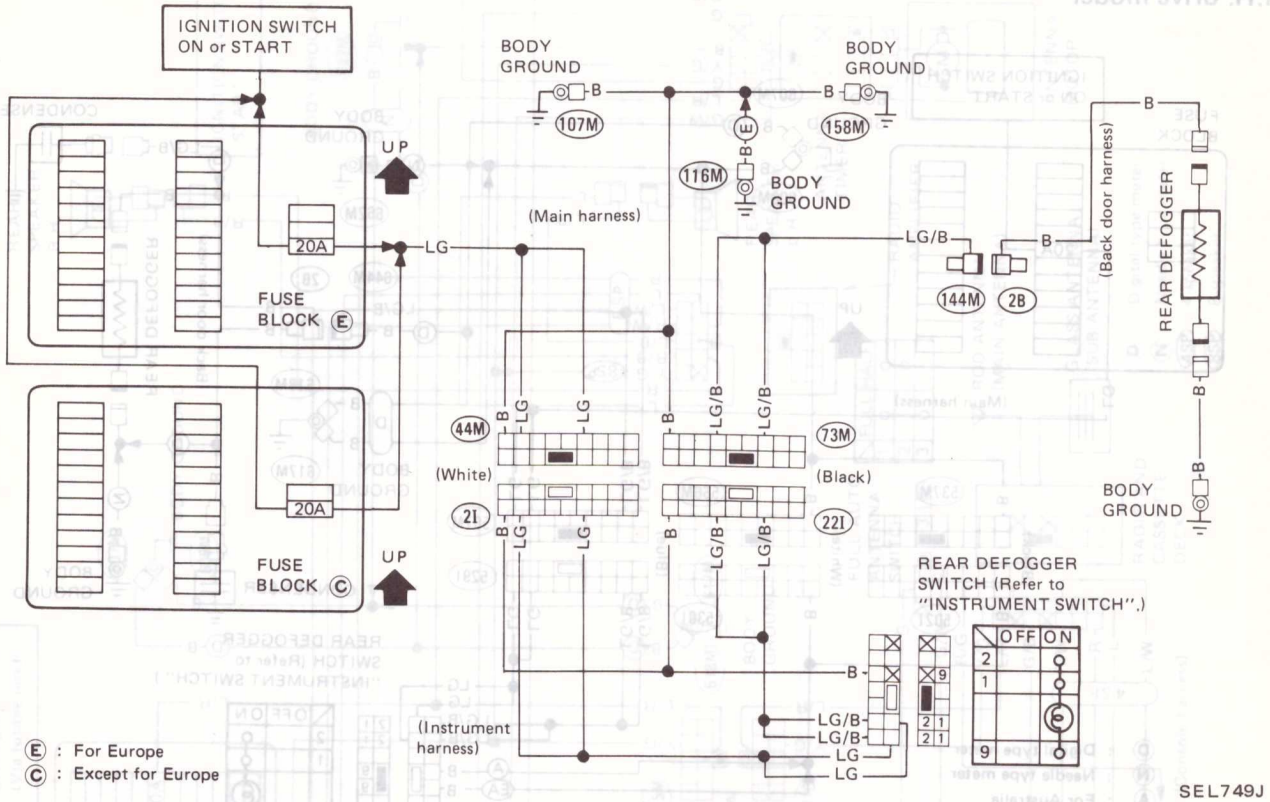
Wiring Diagram



REAR WINDOW DEFOGGER

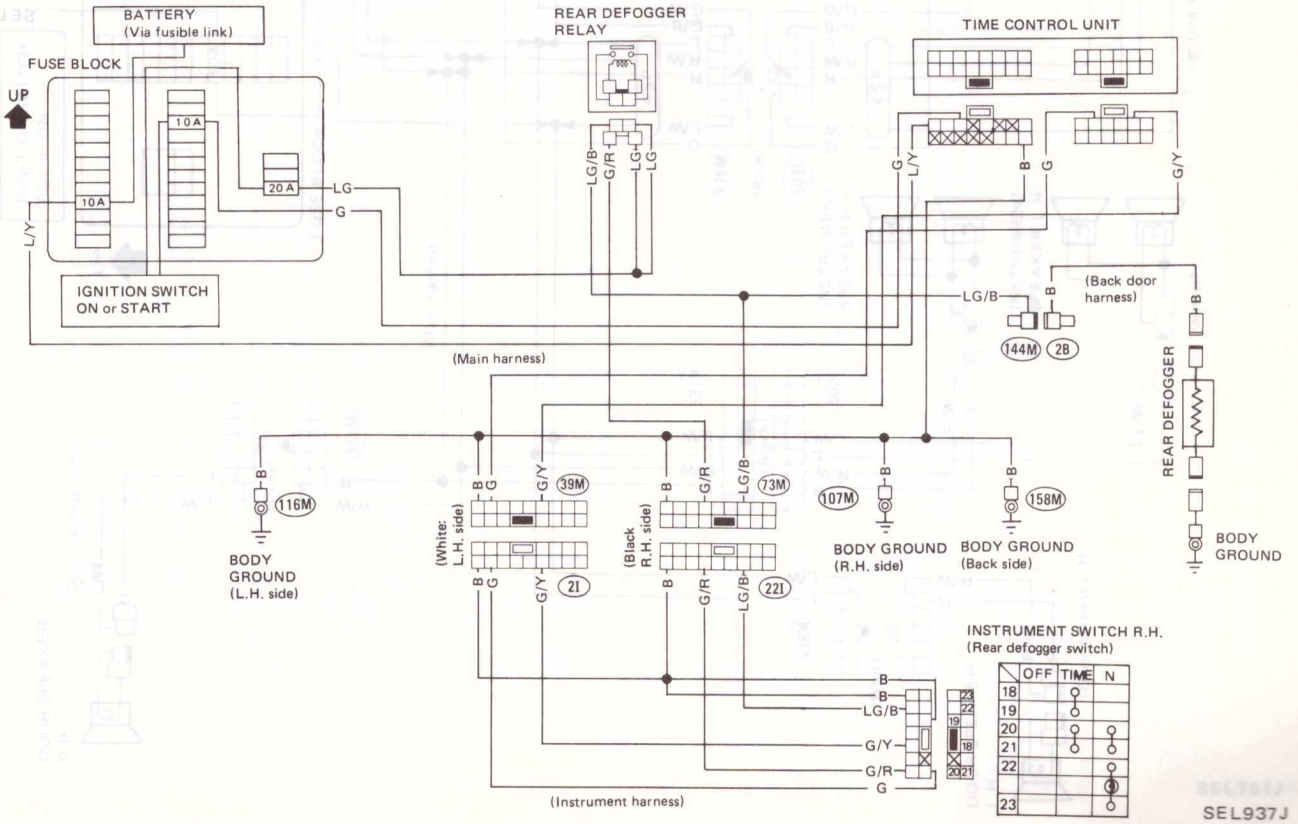
Wiring Diagram

L.H. drive model (Without timer)



SEL749J

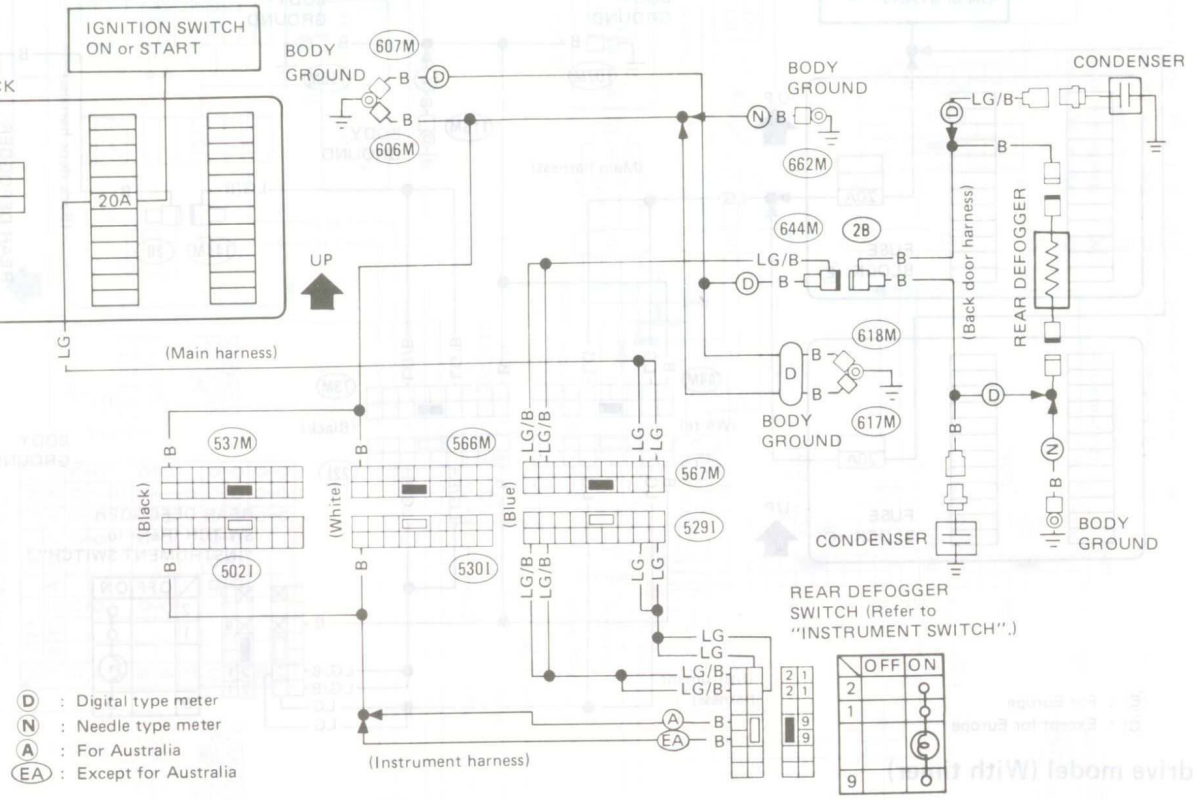
L.H. drive model (With timer)



SEL937J

Wiring Diagram (Cont'd)

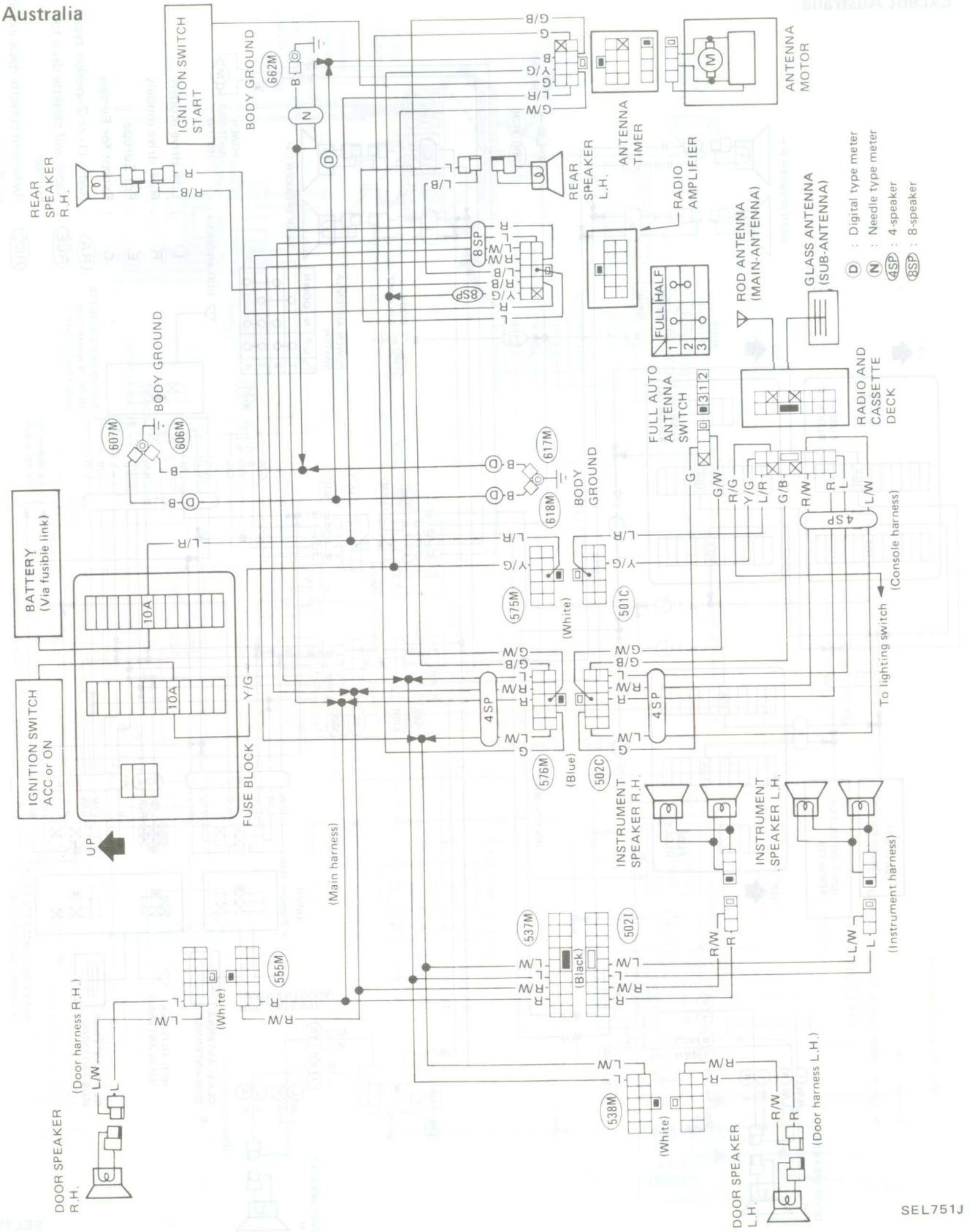
R.H. drive model



SEL750J

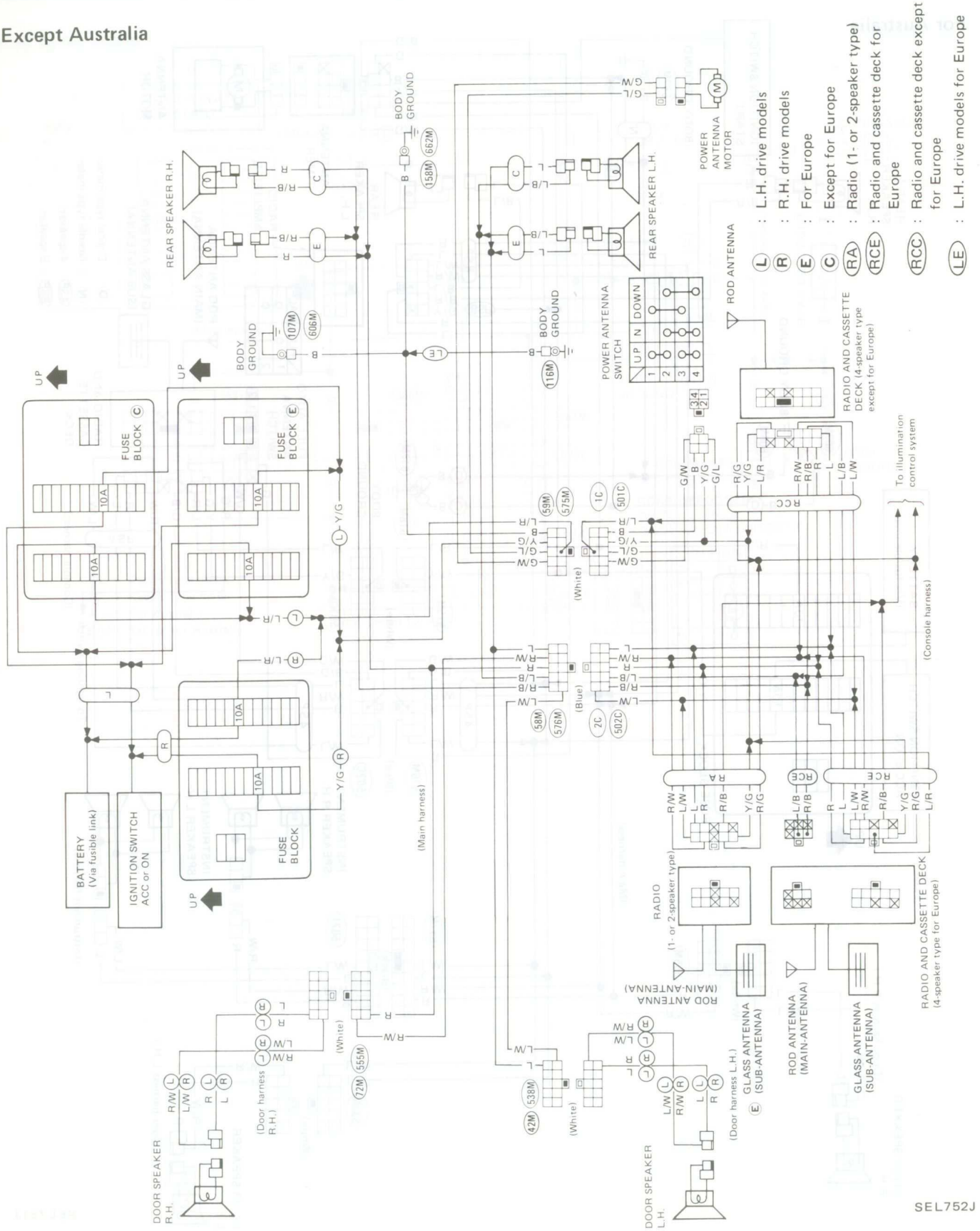
Wiring Diagram

For Australia

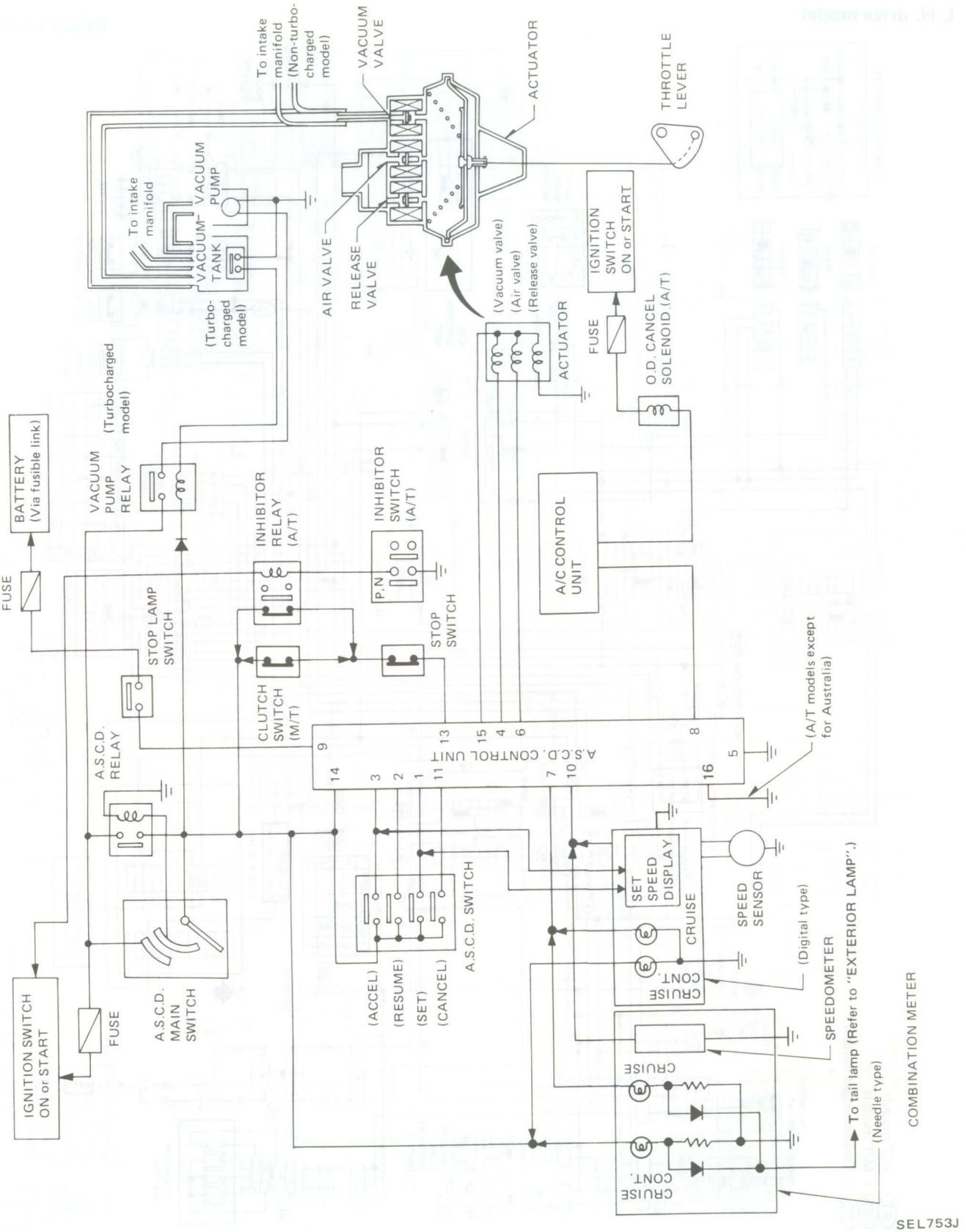


Wiring Diagram (Cont'd)

Except Australia

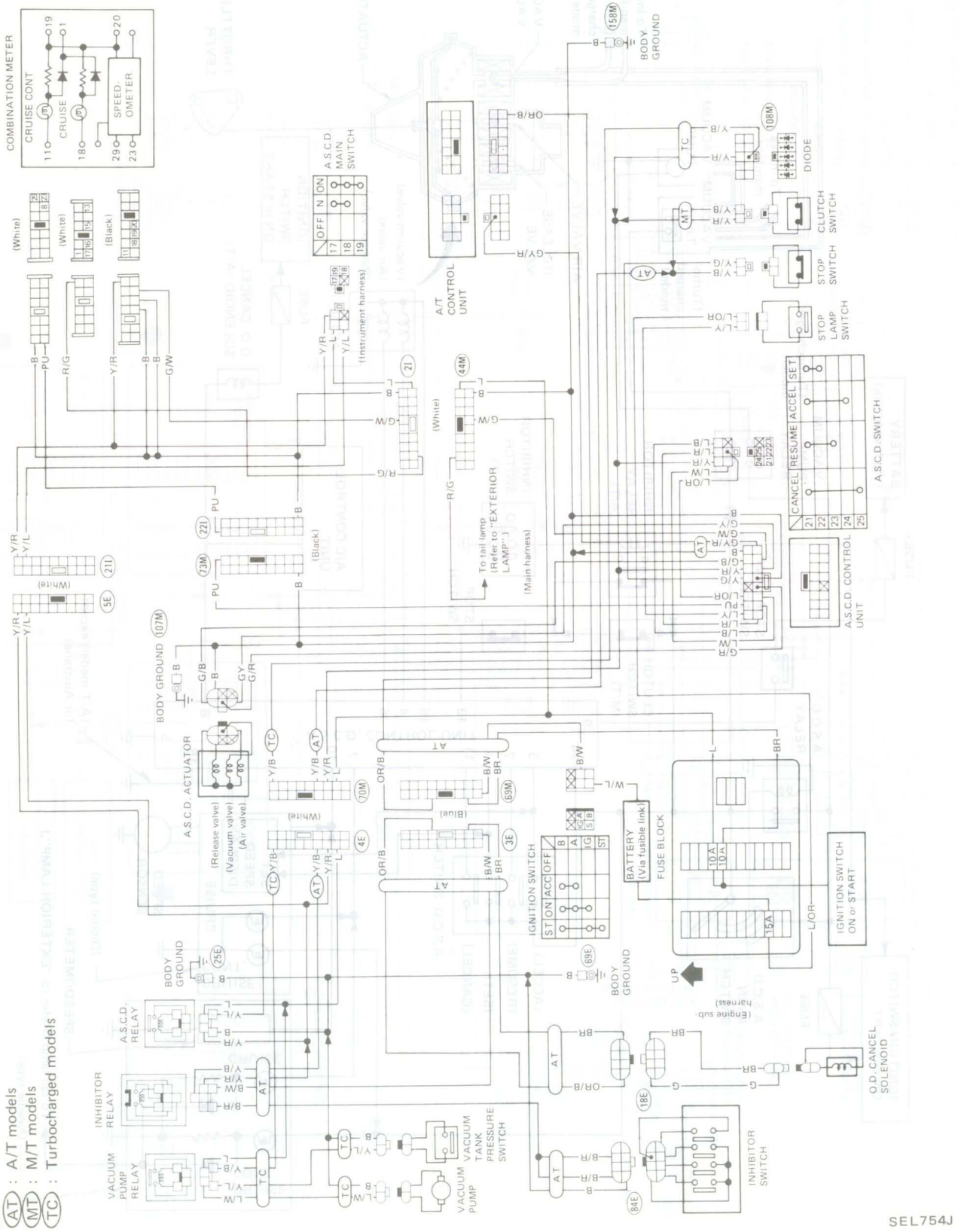


Schematic


To intake manifold (Non-turbo-charged model)
VACUUM VALVE
ACTUATOR
THROTTLE LEVER
To intake manifold
VACUUM PUMP
VACUUM TANK
(Turbo-charged model)
AIR VALVE
RELEASE VALVE
(Vacuum valve)
(Air valve)
(Release valve)
IGNITION SWITCH ON or START
FUSE
O.D. CANCEL SOLENOID (A/T)
ACTUATOR
BATTERY (Via fusible link)
VACUUM PUMP RELAY
(Turbocharged model)
INHIBITOR RELAY (A/T)
INHIBITOR SWITCH (A/T)
P.N
A/C CONTROL UNIT
FUSE
STOP LAMP SWITCH
STOP SWITCH
CLUTCH SWITCH (M/T)
A.S.C.D. RELAY
A.S.C.D. CONTROL UNIT
9
13
15
4
6
8
14
3
2
1
11
7
10
16
5
(A/T models except for Australia)
SET SPEED DISPLAY
CRUISE CONT.
SPEED SENSOR
(Digital type)
A.S.C.D. SWITCH
(ACCEL)
(RESUME)
(SET)
(CANCEL)
A.S.C.D. MAIN SWITCH
FUSE
IGNITION SWITCH ON or START
CRUISE
SPEEDOMETER
To tail lamp (Refer to "EXTERIOR LAMP".)
(Needle type)
COMBINATION METER
CRUISE CONT.
SEL753J

Wiring Diagram

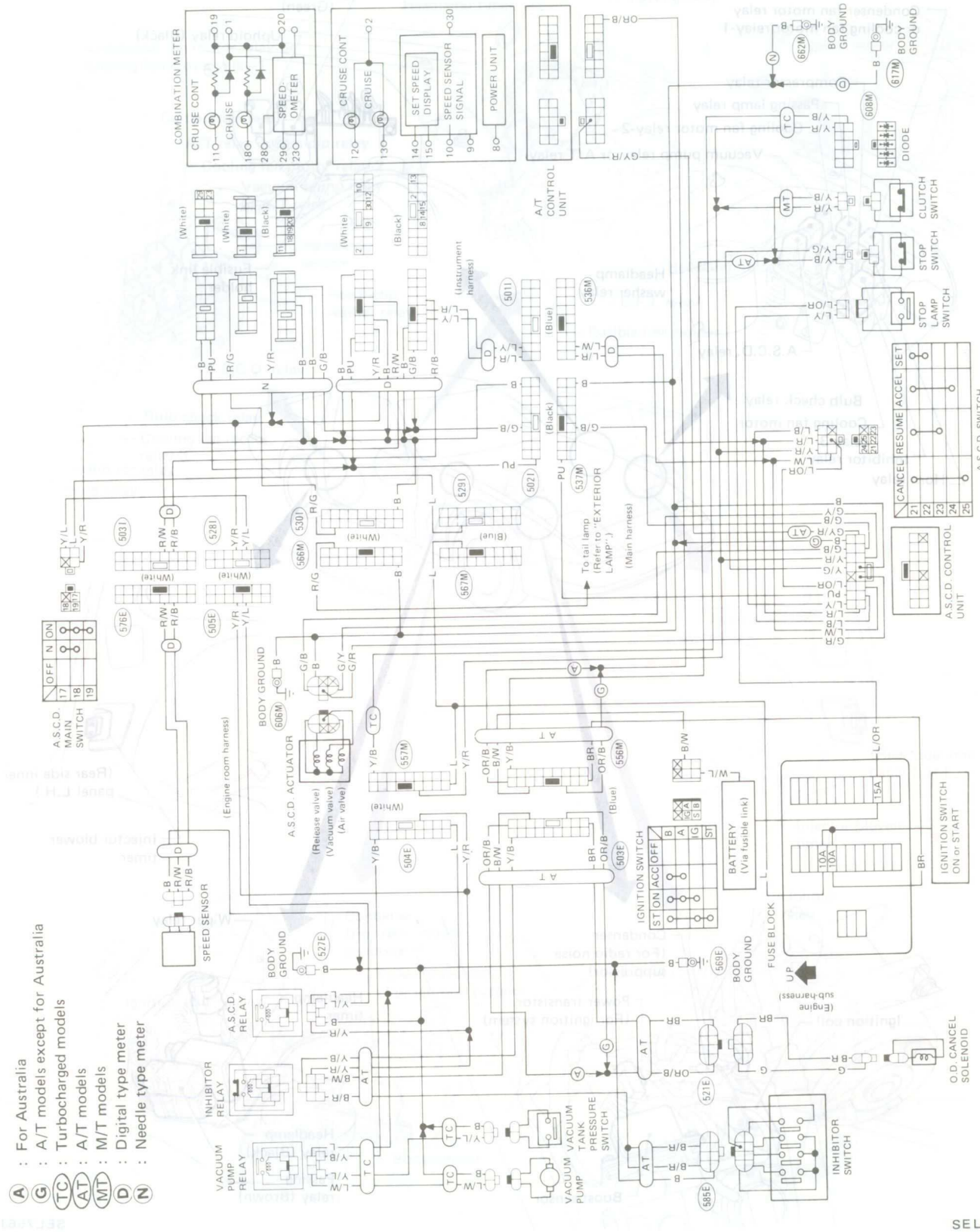
L.H. drive model



SEL754J

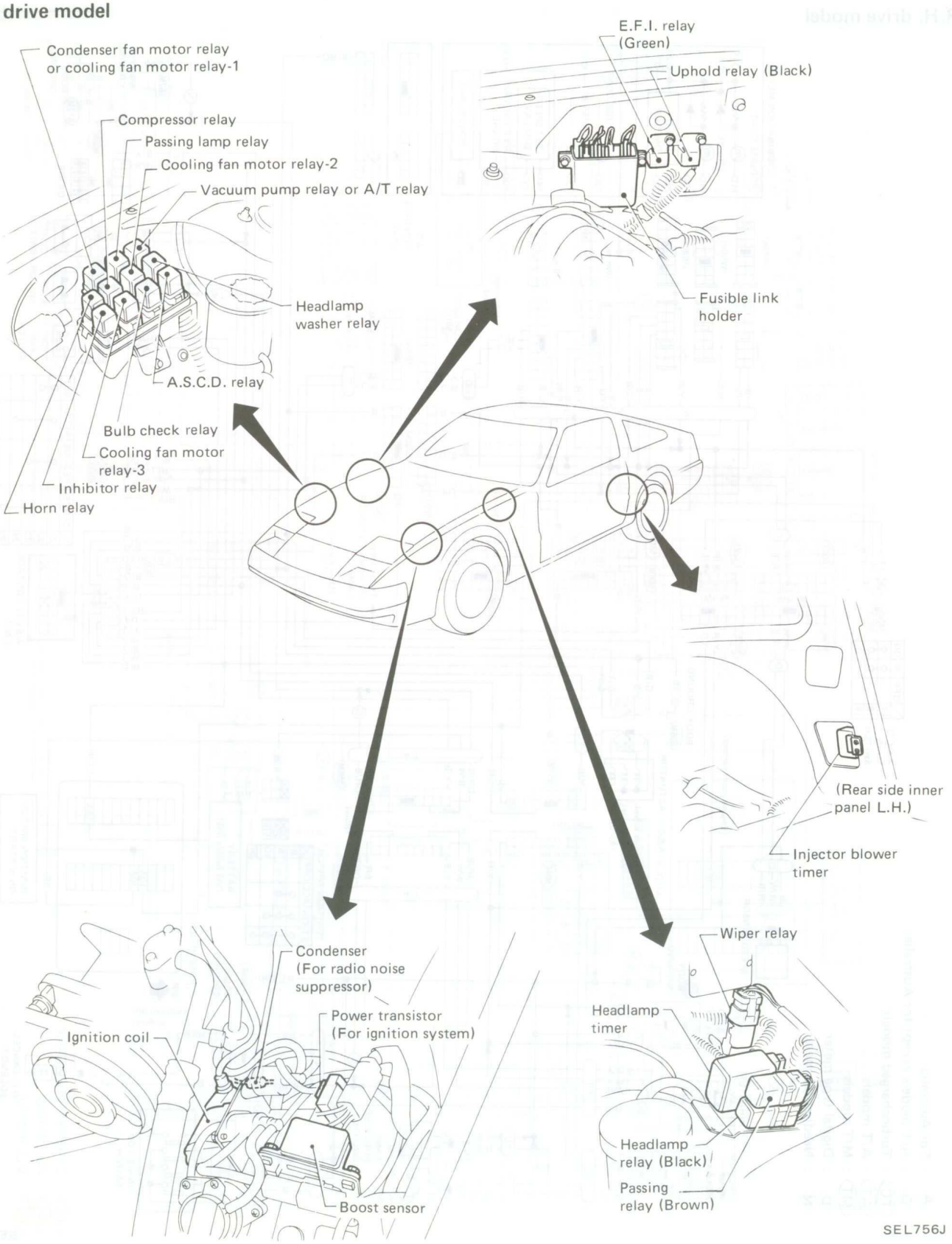
Wiring Diagram (Cont'd)

R.H. drive model



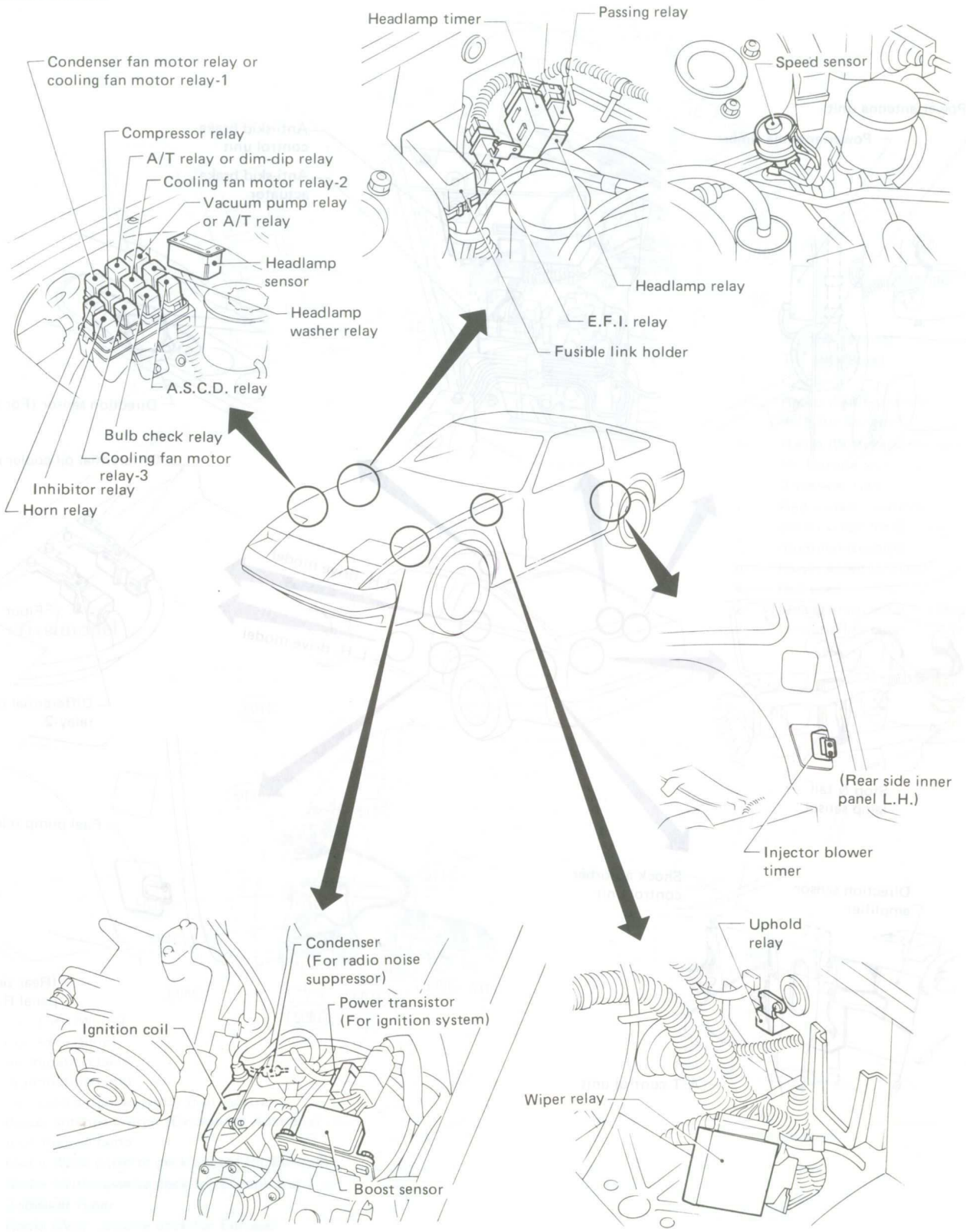
LOCATION OF ELECTRICAL UNITS

L.H. drive model



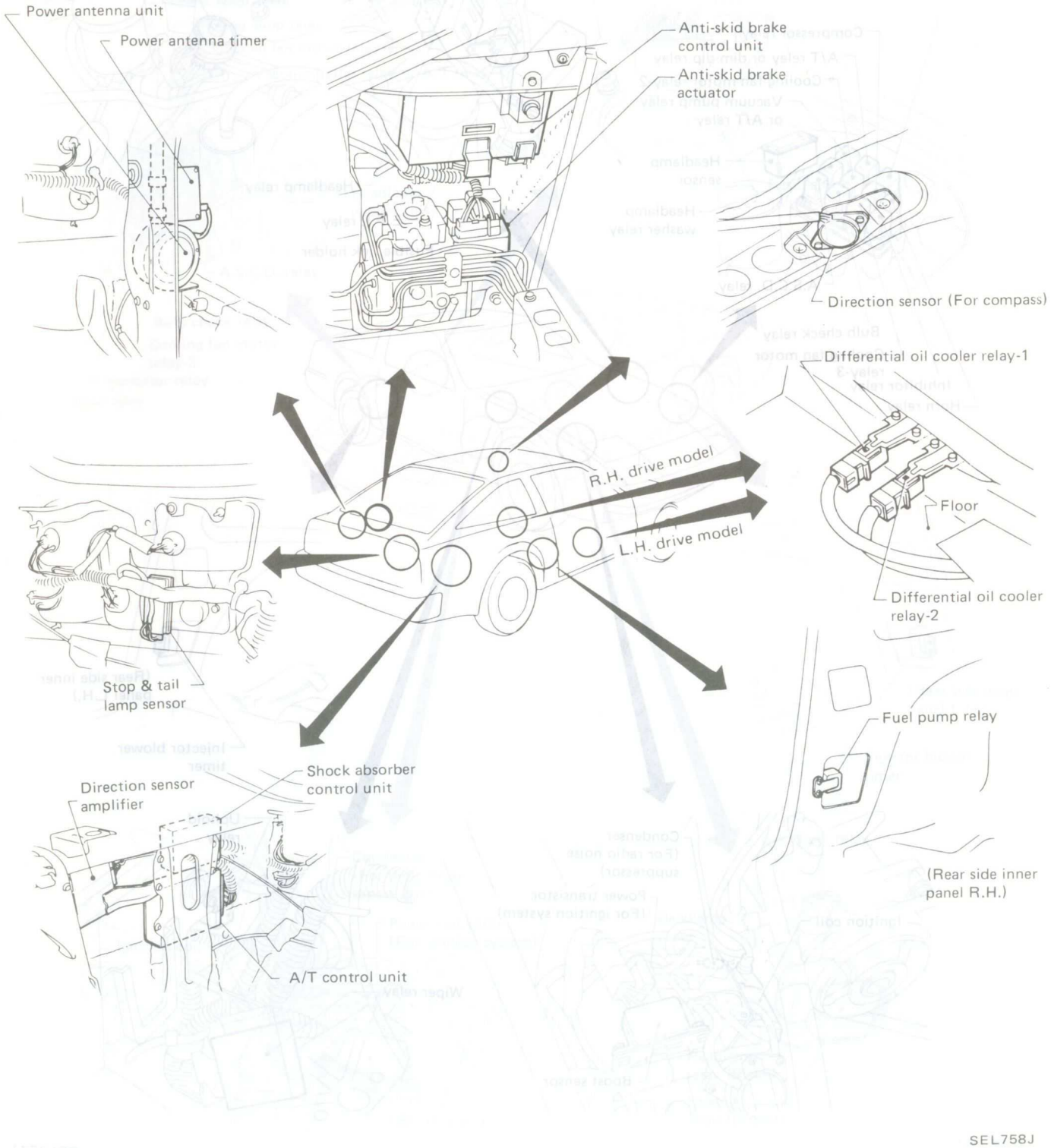
SEL756J

R.H. drive model



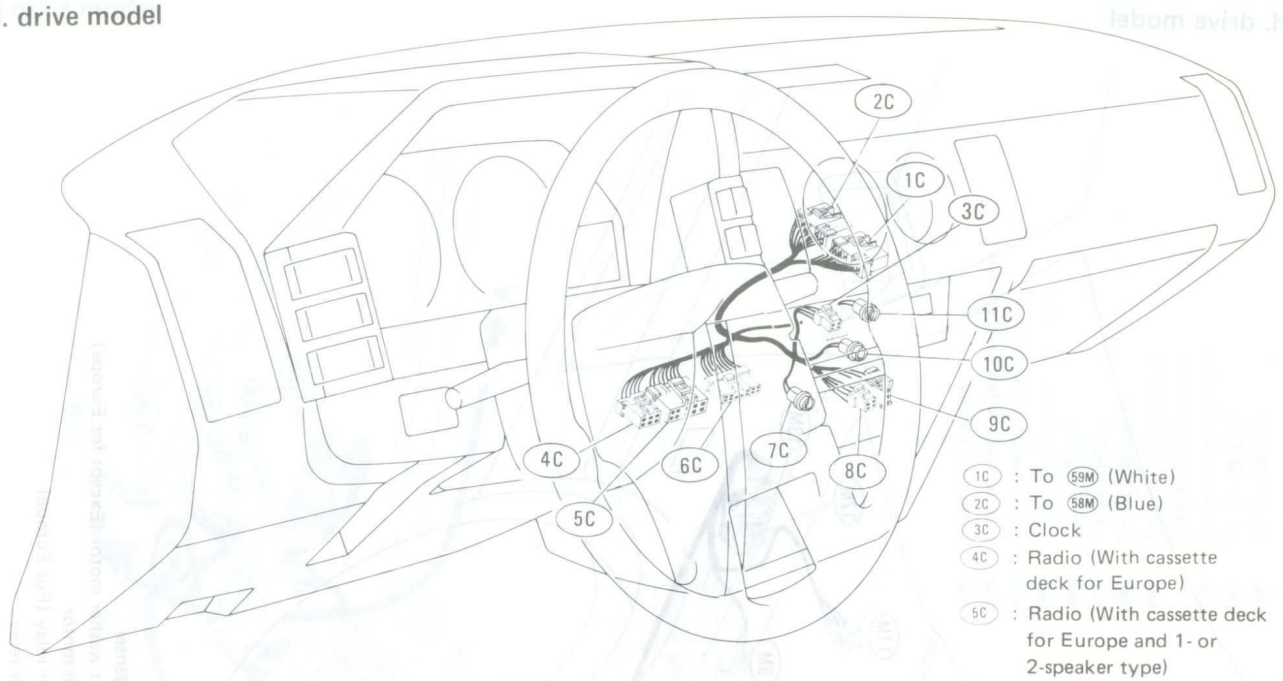
SEL757J

LOCATION OF ELECTRICAL UNITS



Console Harness

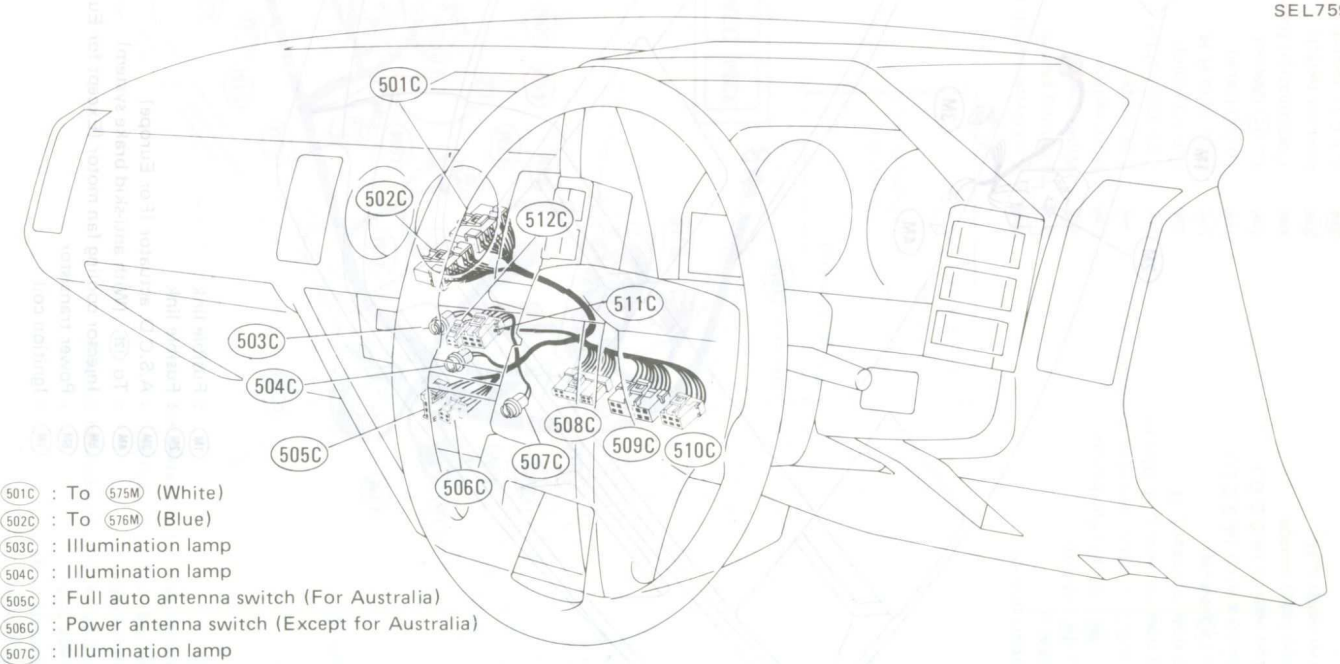
L.H. drive model



1C : To 59M (White)
2C : To 58M (Blue)
3C : Clock
4C : Radio (With cassette deck for Europe)
5C : Radio (With cassette deck for Europe and 1- or 2-speaker type)
6C : Radio (With cassette deck except for Europe)
7C : Illumination lamp
8C : Power antenna switch
9C : Not used
10C : Illumination lamp
11C : Illumination lamp

SEL759J

R.H. drive model

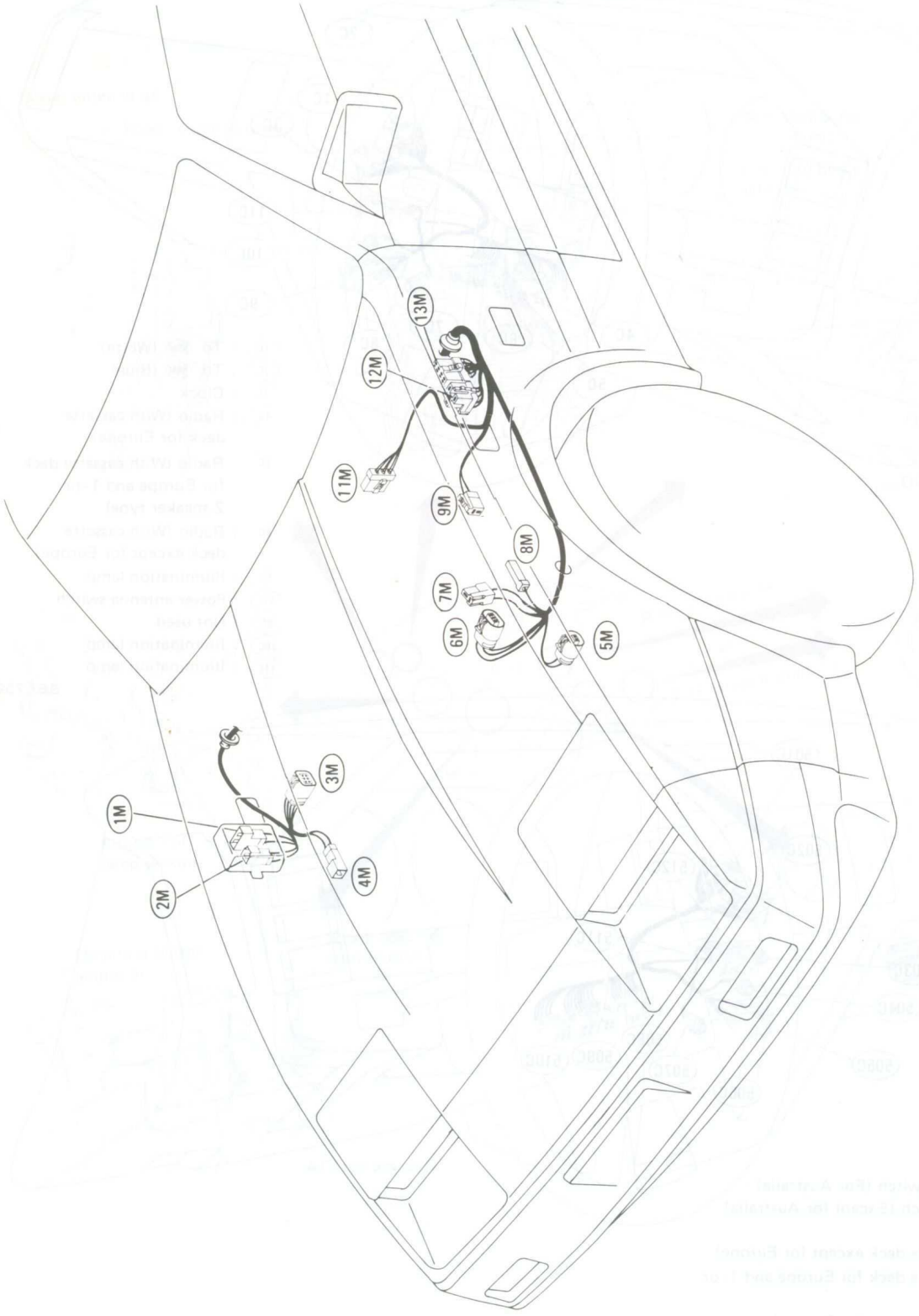


501C : To 575M (White)
502C : To 576M (Blue)
503C : Illumination lamp
504C : Illumination lamp
505C : Full auto antenna switch (For Australia)
506C : Power antenna switch (Except for Australia)
507C : Illumination lamp
508C : Radio (With cassette deck except for Europe)
509C : Radio (With cassette deck for Europe and 1- or 2-speaker type)
510C : Radio (With cassette deck for Europe)
511C : Clock (Digital type meter model)
512C : Clock (Needle type meter model)

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Main Harness

L.H. drive model

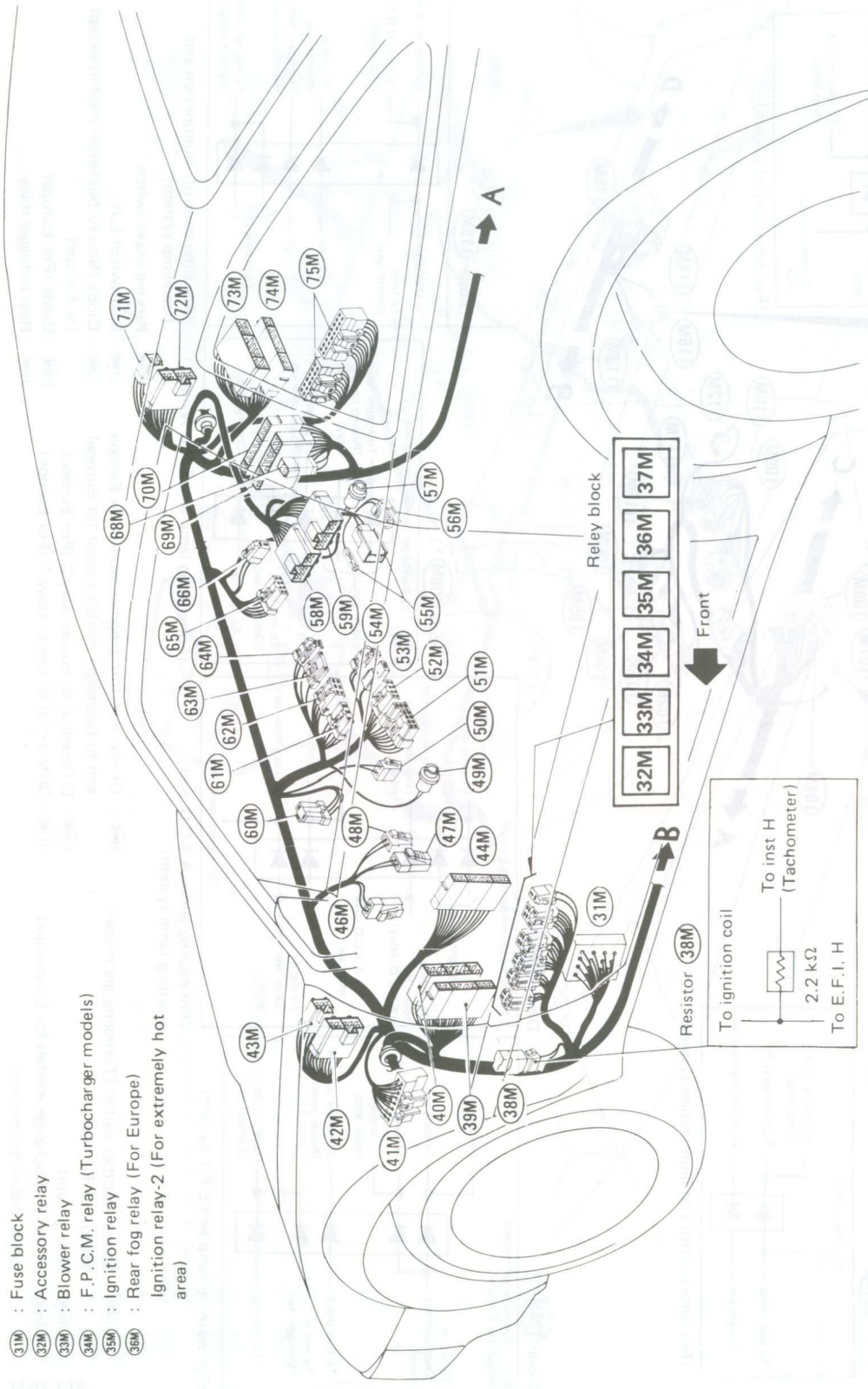


(1M) : Fusible link
(2M) : Fusible link
(3M) : A.S.C.D. actuator (For Europe)
(4M) : To (12E) (With anti-skid brake system)
(5M) : Injector cooling fan motor (Except for Europe)
(6M) : Power transistor
(7M) : Ignition coil
(8M) : Condenser
(9M) : Front washer motor (Except for Europe)
(11M) : Wiper motor
(12M) : Wiper relay (For Europe)
(13M) : Wiper relay

SEL761J

Main Harness (Cont'd)

L.H. drive model



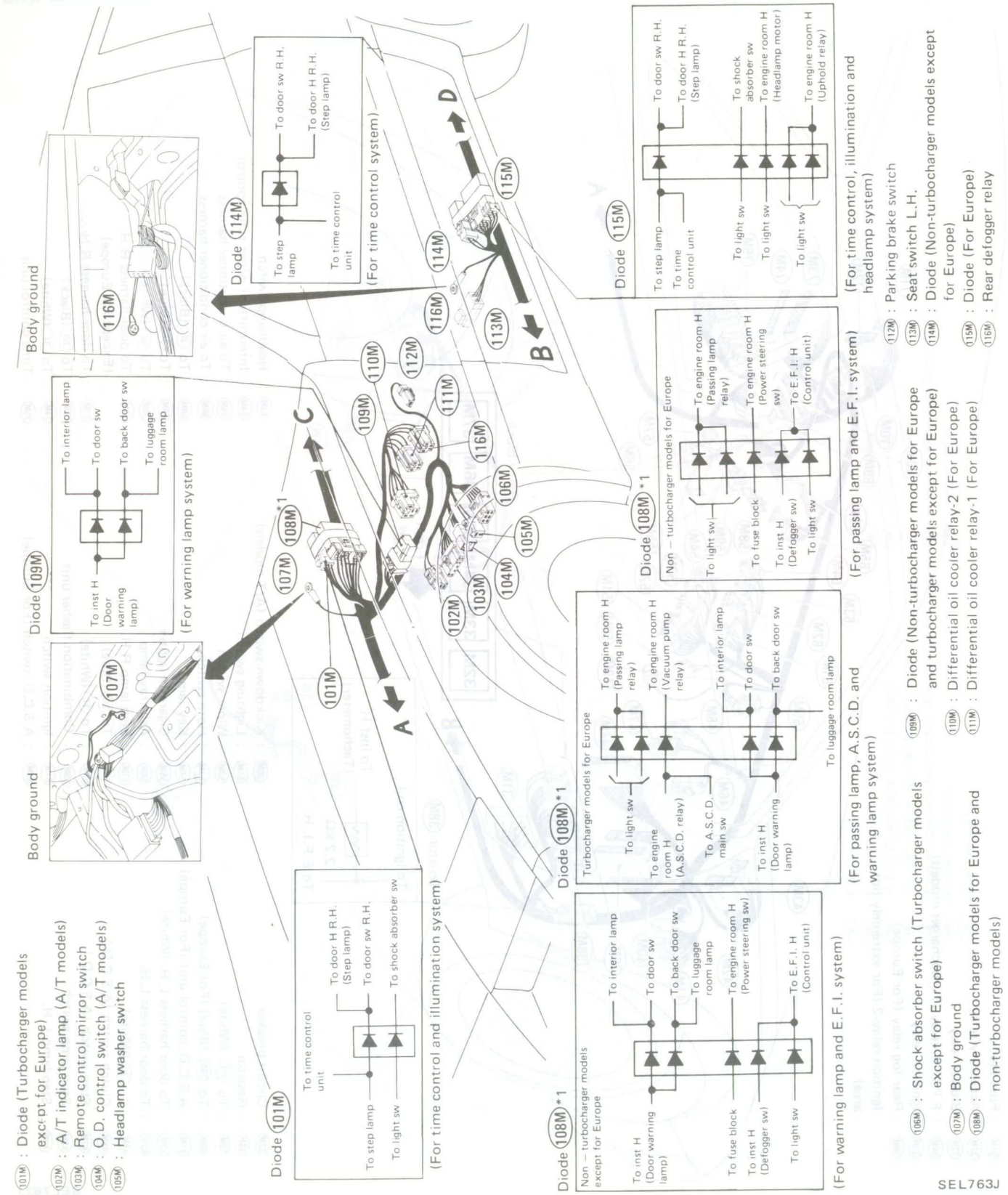
(31M) : Fuse block
(32M) : Accessory relay
(33M) : Blower relay
(34M) : F.P.C.M. relay (Turbocharger models)
(35M) : Ignition relay
(36M) : Rear fog relay (For Europe)
Ignition relay-2 (For extremely hot area)

(37M) : Circuit breaker
(38M) : Resistor
(39M) : To (77E) (White)
(40M) : To (76E) (Blue) (For Europe)
(41M) : A.S.C.D. control unit (For Europe)
(42M) : To door harness L.H. (White)
(43M) : To door harness L.H.
(44M) : To (21) (White)
(46M) : Clutch switch (A.S.C.D.)
(47M) : Stop switch (A.S.C.D.)
(48M) : Stop lamp switch
(49M) : Step lamp L.H.
(50M) : Kickdown switch (A/T models)
(51M) : Lighting switch
(52M) : Wiper switch
(53M) : Horn switch
(54M) : Key lamp
(55M) : Cigarette lighter
(56M) : Ash tray lamp
(57M) : Step lamp R.H.
(58M) : To (2C) (Blue)
(59M) : To (1C) (White)
(60M) : Combination flasher unit
(61M) : Ignition switch
(62M) : A.S.C.D. switch (For Europe)
(63M) : Headlamp switch
(64M) : Intermittent wiper time control
(65M) : To air conditioner harness
(66M) : To air conditioner harness
(68M) : To (2E) (Black)
(69M) : To (3E) (Blue)
(70M) : To (4E) (White)
(71M) : To door harness R.H. (Except for Europe)
(72M) : To door harness R.H.
(73M) : To (22) (Black)
(74M) : To (3F) (White)
(75M) : Time control unit

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Main Harness (Cont'd)

L.H. drive model

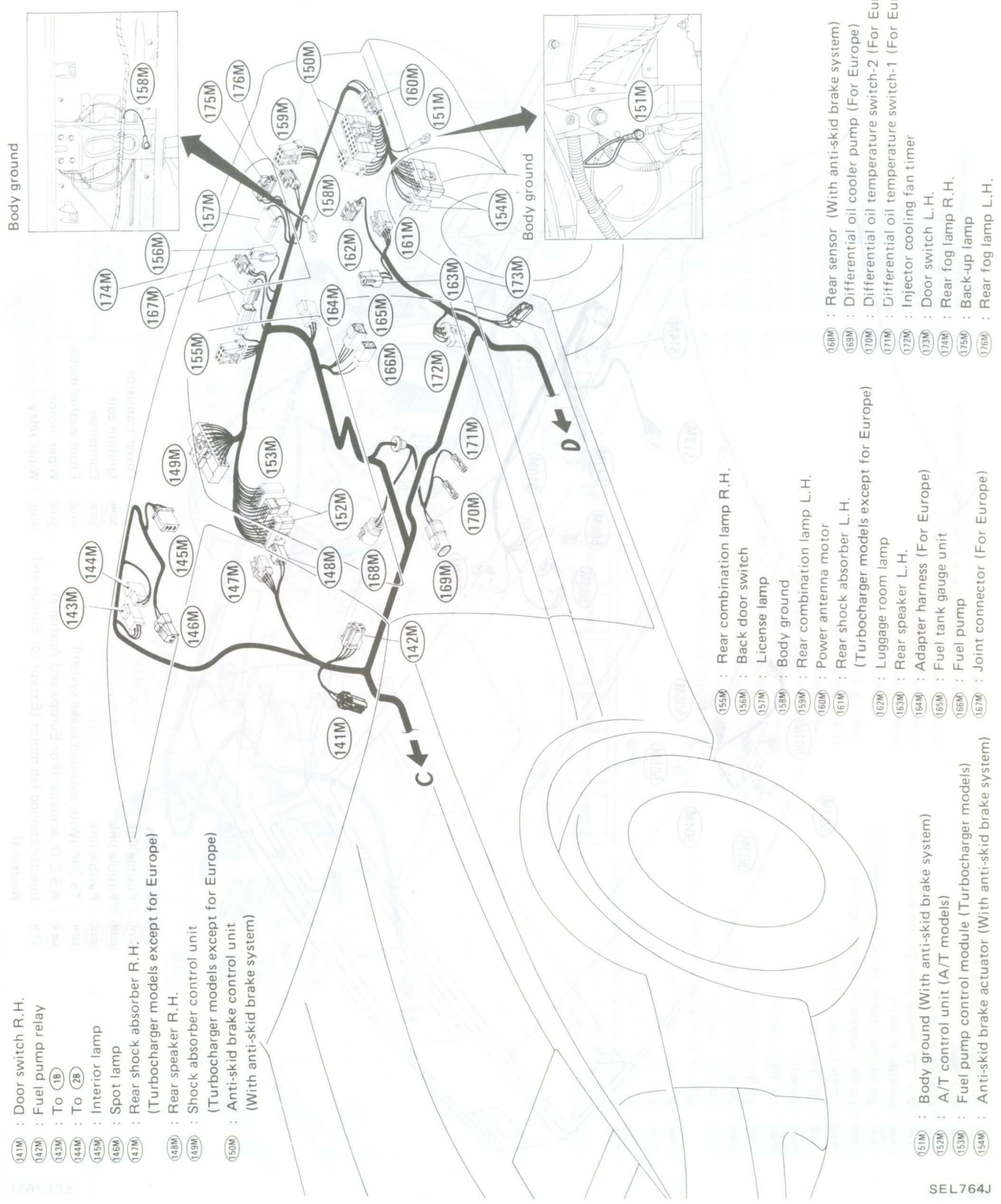


101M : Diode (Turbocharger models except for Europe)
102M : A/T indicator lamp (A/T models)
103M : Remote control mirror switch
104M : O.D. control switch (A/T models)
105M : Headlamp washer switch
106M : Shock absorber switch (Turbocharger models except for Europe)
107M : Body ground
108M : Diode (Turbocharger models for Europe and non-turbocharger models)
109M : Diode (Non-turbocharger models for Europe and turbocharger models except for Europe)
110M : Differential oil cooler relay-2 (For Europe)
111M : Differential oil cooler relay-1 (For Europe)
112M : Parking brake switch
113M : Seat switch L.H.
114M : Diode (Non-turbocharger models except for Europe)
115M : Diode (For Europe)
116M : Rear defogger relay

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Main Harness (Cont'd)

L.H. drive model



141M : Door switch R.H.
142M : Fuel pump relay
143M : To (1B)
144M : To (2B)
145M : Interior lamp
146M : Spot lamp
147M : Rear shock absorber R.H. (Turbocharger models except for Europe)
148M : Rear speaker R.H.
149M : Shock absorber control unit (Turbocharger models except for Europe)
150M : Anti-skid brake control unit (With anti-skid brake system)

151M : Body ground (With anti-skid brake system)
152M : A/T control unit (A/T models)
153M : Fuel pump control module (Turbocharger models)
154M : Anti-skid brake actuator (With anti-skid brake system)

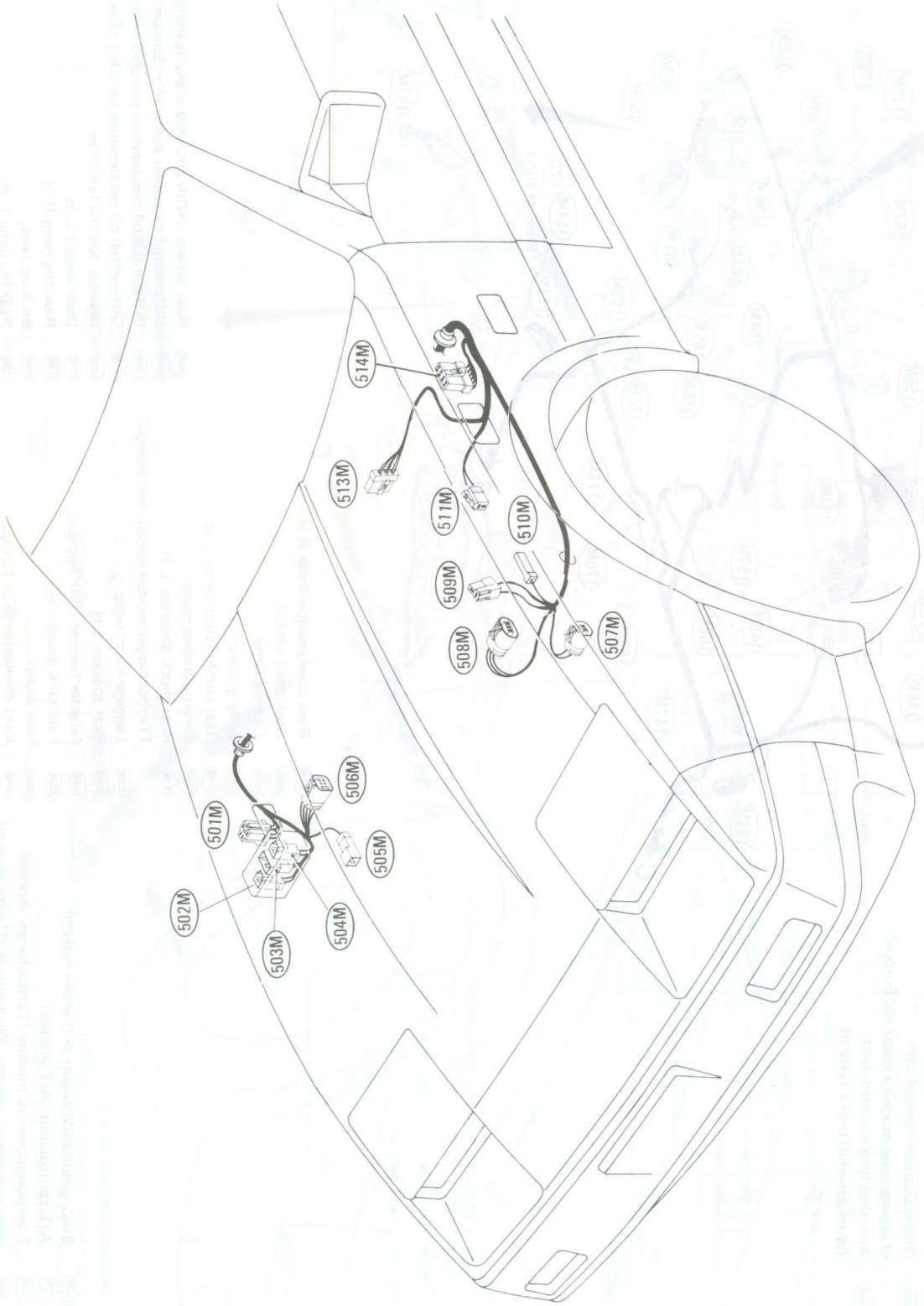
155M : Rear combination lamp R.H.
156M : Back door switch
157M : License lamp
158M : Body ground
159M : Rear combination lamp L.H.
160M : Power antenna motor
161M : Rear shock absorber L.H. (Turbocharger models except for Europe)
162M : Luggage room lamp
163M : Rear speaker L.H.
164M : Adapter harness (For Europe)
165M : Fuel tank gauge unit
166M : Fuel pump
167M : Joint connector (For Europe)

168M : Rear sensor (With anti-skid brake system)
169M : Differential oil cooler pump (For Europe)
170M : Differential oil temperature switch-2 (For Europe)
171M : Differential oil temperature switch-1 (For Europe)
172M : Injector cooling fan timer
173M : Door switch L.H.
174M : Rear fog lamp R.H.
175M : Back-up lamp
176M : Rear fog lamp L.H.

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Main Harness (Cont'd)

R.H. drive model

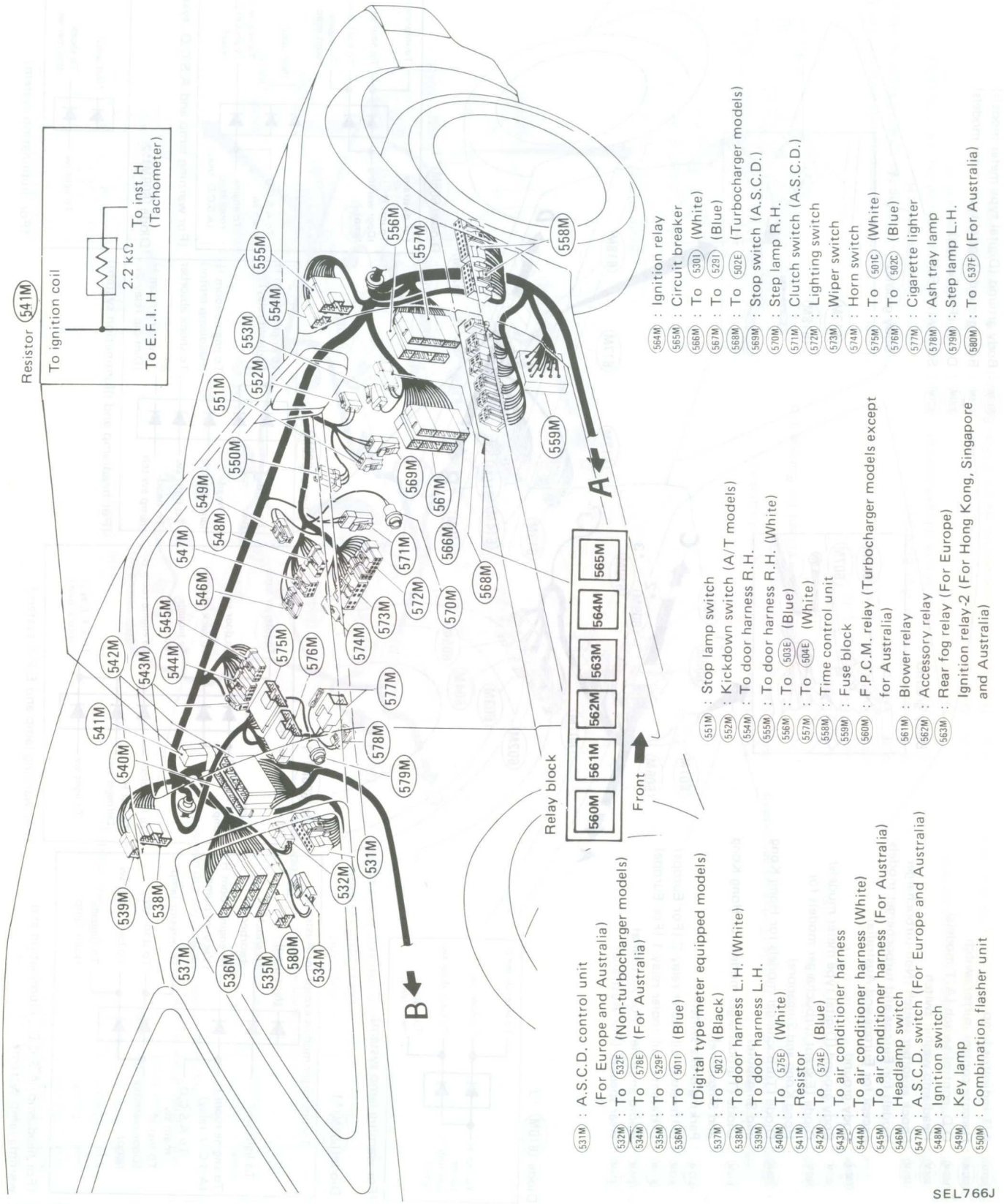


(501M) : E.F.I. relay
(502M) : Fusible link
(503M) : Fusible link
(504M) : Fusible link
(505M) : To (514E) (With anti-skid brake system)
(506M) : A.S.C.D. actuator (For Europe and Australia)
(507M) : Injector cooling fan motor (Except for Europe and Australia)
(508M) : Power transistor
(509M) : Ignition coil
(510M) : Condenser
(511M) : Front washer motor
(513M) : Wiper motor
(514M) : Wiper relay

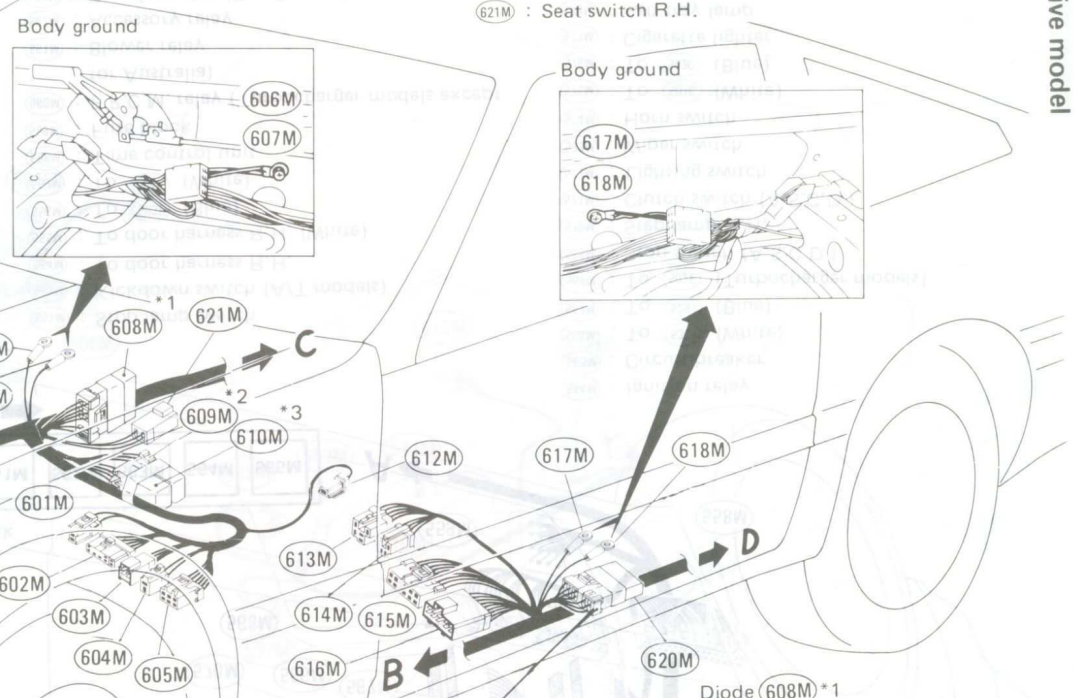
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Main Harness (Cont'd)

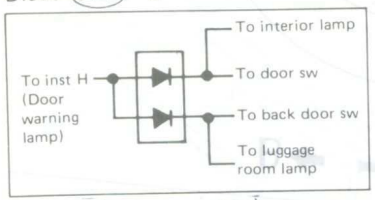
R.H. drive model



(601M) : A/T indicator lamp
(602M) : Remote control mirror switch
(603M) : O.D. control switch (A/T models)
(604M) : Headlamp washer switch
(605M) : Shock absorber switch (Non-turbocharger models for Europe and turbocharger models except for Europe and Australia)
(606M) : Body ground
(607M) : Body ground (Digital type meter models)
(608M) : Diode (Except turbocharger models for Hong Kong and Singapore)
(609M) : Diode (Turbocharger models for Hong Kong and Singapore)
(610M) : Diode (Turbocharger models for Hong Kong and Singapore)
(612M) : Parking brake switch
(613M) : Differential oil cooler relay-2 (For Europe)
(614M) : Differential oil cooler relay-1 (For Europe)
(615M) : Radio amplifier (For Australia)
(616M) : Rear speaker (For Australia)
(617M) : Body ground (Digital type meter models)
(618M) : Body ground (Digital type meter models)
(620M) : Diode (For Europe)
(621M) : Seat switch R.H.

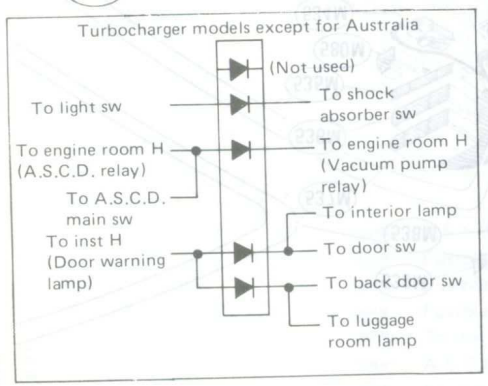


Diode (610M) *3



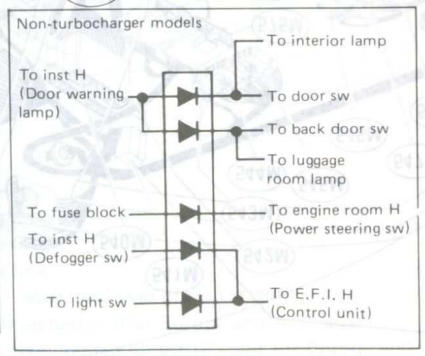
(For warning lamp system)

Diode (608M) *1



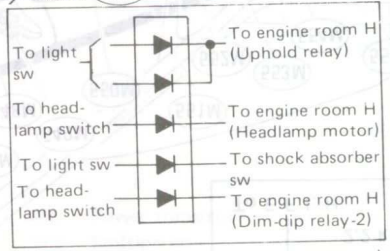
(For headlamp, A.S.C.D., illumination and warning lamp system)

Diode (608M) *1



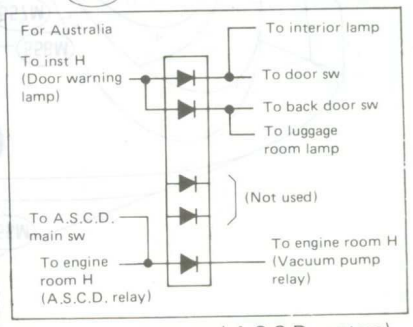
(For warning lamp and E.F.I. system)

Diode (620M)



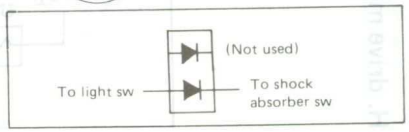
(For headlamp and illumination system)

Diode (608M) *1



(For warning lamp and A.S.C.D. system)

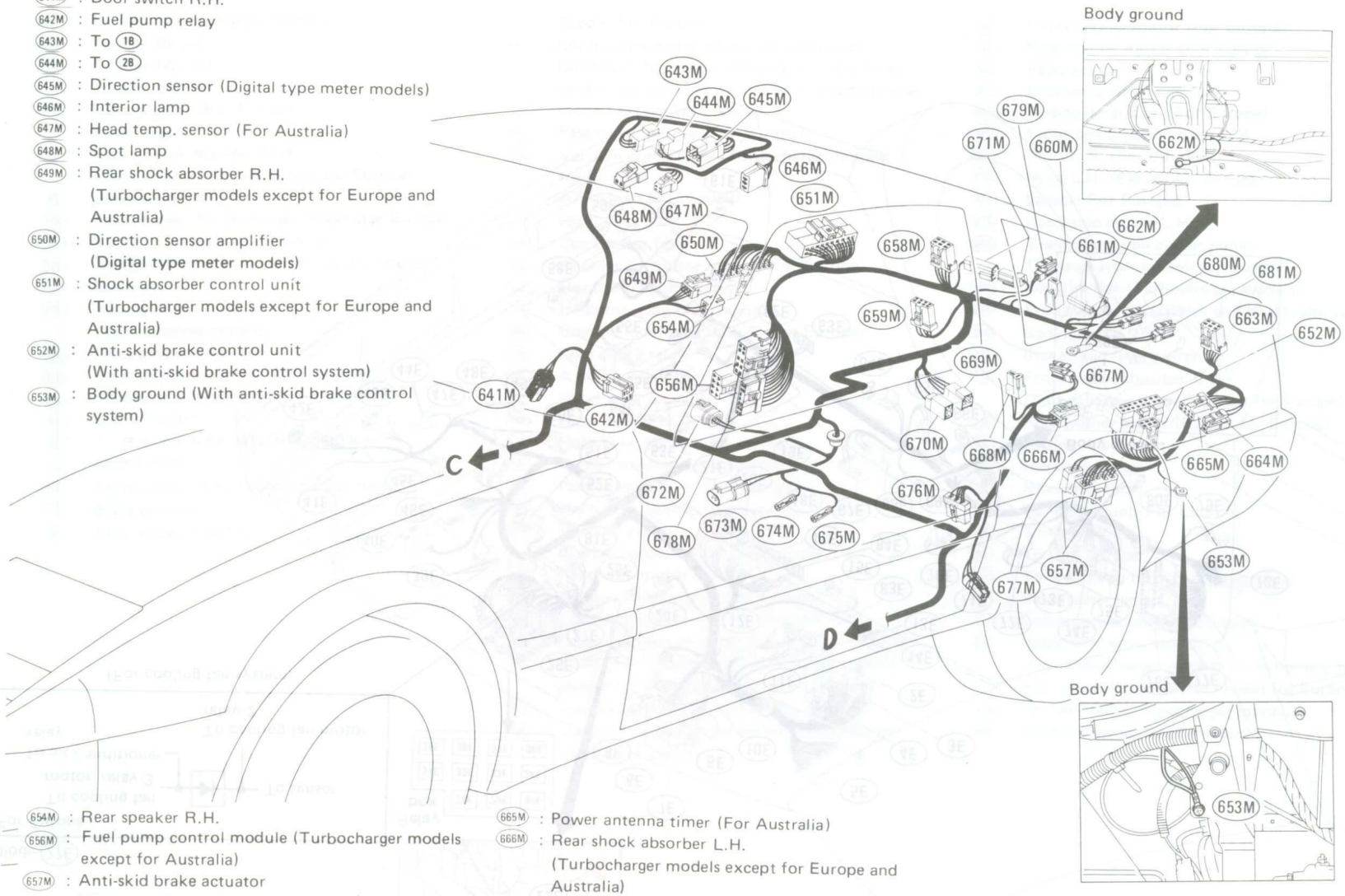
Diode (609M) *2



(For illumination system)

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(641M) : Door switch R.H.
(642M) : Fuel pump relay
(643M) : To (1B)
(644M) : To (2B)
(645M) : Direction sensor (Digital type meter models)
(646M) : Interior lamp
(647M) : Head temp. sensor (For Australia)
(648M) : Spot lamp
(649M) : Rear shock absorber R.H. (Turbocharger models except for Europe and Australia)
(650M) : Direction sensor amplifier (Digital type meter models)
(651M) : Shock absorber control unit (Turbocharger models except for Europe and Australia)
(652M) : Anti-skid brake control unit (With anti-skid brake control system)
(653M) : Body ground (With anti-skid brake control system)



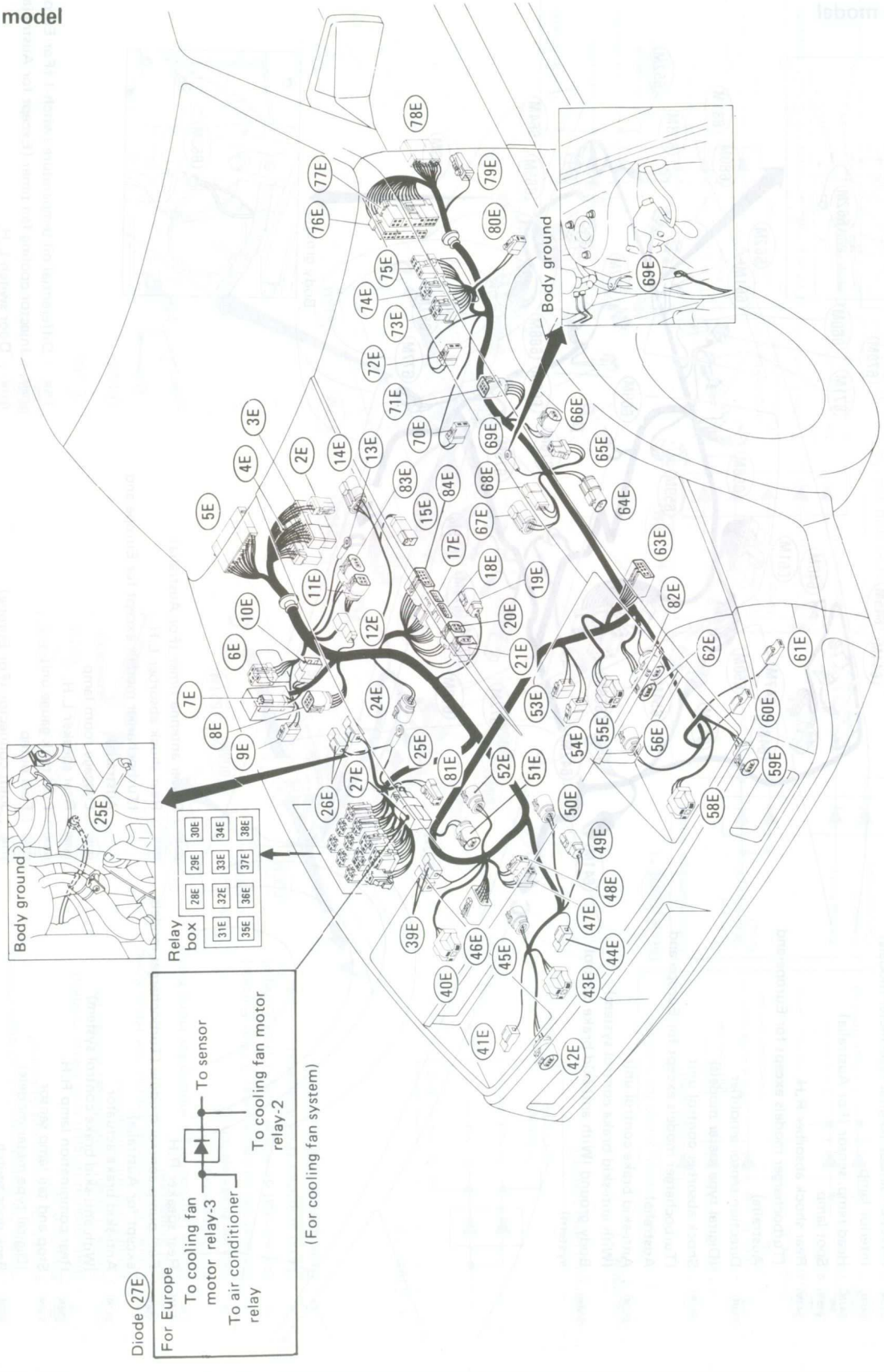
(654M) : Rear speaker R.H.
(656M) : Fuel pump control module (Turbocharger models except for Australia)
(657M) : Anti-skid brake actuator (With anti-skid brake control system)
(658M) : Rear combination lamp R.H.
(659M) : Stop and tail lamp sensor (Digital type meter models)
(660M) : Back door switch
(661M) : License lamp
(662M) : Body ground (Needle type meter models)
(663M) : Rear combination lamp L.H.
(664M) : Power antenna motor (Except for Australia)
(665M) : Power antenna timer (For Australia)
(666M) : Rear shock absorber L.H. (Turbocharger models except for Europe and Australia)
(667M) : Luggage room lamp
(668M) : Rear speaker L.H.
(669M) : Fuel tank gauge unit
(670M) : Fuel pump
(671M) : Joint connector (For Europe)
(672M) : Rear sensor (With anti-skid brake control system)
(673M) : Differential oil cooler pump (For Europe)
(674M) : Differential oil temperature switch-2 (For Europe)
(675M) : Differential oil temperature switch-1 (For Europe)
(676M) : Injector cooling fan timer (Except for Australia)
(677M) : Door switch L.H.
(678M) : Lock-up control unit (A/T models)
(679M) : Rear fog lamp R.H.
(680M) : Back-up lamp
(681M) : Rear fog lamp L.H.

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HARNESS LAYOUT

Engine Room Harness

L.H. drive model

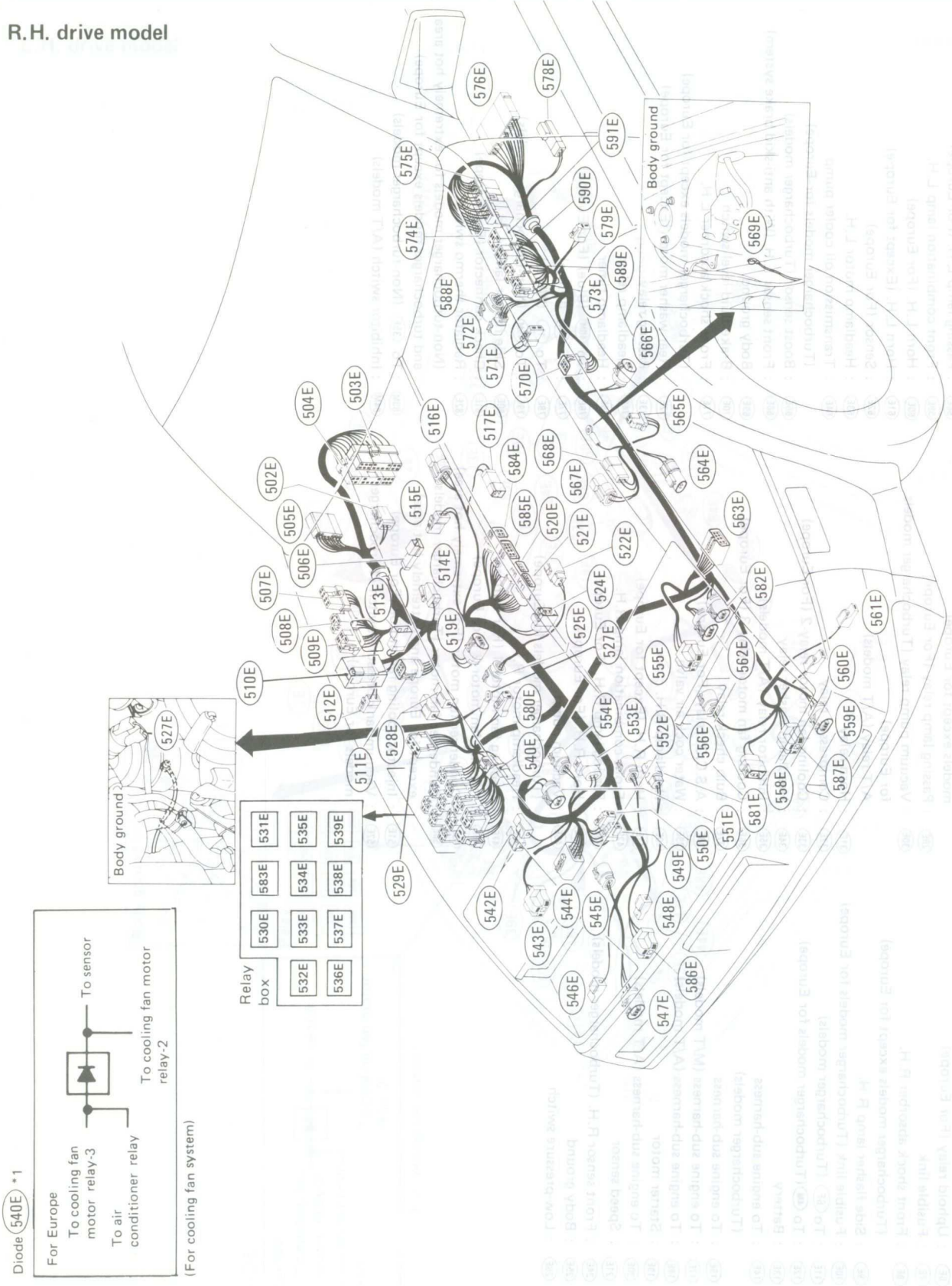


(2E) : To (68M) (Turbocharger models)
(3E) : To (69M) (Blue)
(4E) : To (70M) (White)
(5E) : To (21I) (White)
(6E) : Uphold relay (For Europe)
(7E) : Fusible link
(8E) : Front shock absorber R.H. (Turbocharger models except for Europe)
(9E) : Side flasher lamp R.H.
(10E) : Fusible link (Turbocharger models for Europe)
(11E) : To (6F) (Turbocharger models)
(12E) : To (4M) (Turbocharger models for Europe)
(13E) : Battery
(14E) : To engine sub-harness (Turbocharger models)
(15E) : To engine sub-harness
(17E) : To engine sub-harness (M/T models)
(18E) : To engine sub-harness (A/T models)
(19E) : Starter motor
(20E) : To engine sub-harness (A/T models)
(21E) : Speed sensor
(24E) : Front sensor R.H. (Turbocharger models)
(25E) : Body ground
(26E) : Low-pressure switch
(27E) : Diode (For Europe)
(28E) : Cooling fan motor relay-1 (For Europe)
Condenser fan motor relay (Non-turbocharger models for extremely hot area and turbocharger models except for Europe)
(29E) : Passing lamp relay (For Europe)
(30E) : Vacuum pump relay (Turbocharger models for Europe)
A/T relay (A/T models)
(31E) : Horn relay
(32E) : Compressor relay
(33E) : Cooling fan motor relay-2 (For Europe)
(34E) : Headlamp washer relay
(35E) : Inhibitor relay (A/T models)
(36E) : Cooling fan motor relay-3 (For Europe)
(37E) : Bulb check relay
(38E) : A.S.C.D. relay (For Europe)
(39E) : Water cock air valve
(40E) : Headlamp R.H.
(41E) : Horn R.H. (Except for Europe)
(42E) : Front combination lamp R.H.
(43E) : Passing lamp R.H. (For Europe)
(44E) : Horn R.H. (For Europe)
(45E) : Vacuum pump (Turbocharger models for Europe)
(46E) : Headlamp motor R.H.
(47E) : Cooling fan motor-1 (For Europe)
(48E) : Cooling fan motor-2 (For Europe)
(49E) : Condenser fan motor (For extremely hot area)
(50E) : Condenser fan motor (Turbocharger models except for Europe and extremely hot area)
(51E) : Injector cooling fan motor (For Europe)
(52E) : Vacuum tank pressure switch (Turbocharger models for Europe)
(53E) : Front washer motor (For Europe)
(54E) : Rear washer motor (For Europe)
(55E) : Headlamp L.H.
(56E) : Headlamp washer motor
(58E) : Passing lamp L.H. (For Europe)
(59E) : Front combination lamp L.H.
(60E) : Horn L.H. (For Europe)
(61E) : Horn L.H. (Except for Europe)
(62E) : Sensor (For Europe)
(63E) : Headlamp motor L.H.
(64E) : Transmission oil cooler pump (Turbocharger models for Europe)
(65E) : Boost sensor (Turbocharger models)
(66E) : Front sensor L.H. (With anti-skid brake system)
(69E) : Body ground
(70E) : Brake fluid level switch
(71E) : Front shock absorber L.H. (Turbocharger models except for Europe)
(72E) : Rear washer motor (Except for Europe)
(73E) : Passing relay
(74E) : Headlamp relay
(75E) : Headlamp timer
(76E) : To (40M) (Blue) (For Europe)
(77E) : To (39M) (White)
(78E) : To (1I) (White)
(79E) : To (45M) (Non-turbocharger models)
(80E) : Side flasher lamp L.H.
(81E) : Check connector (For Europe)
(82E) : Radiator thermo switch (Non-turbocharger models for extremely hot area and turbocharger models except for Europe)
(83M) : To (35F) (Non-turbocharger models)
(84M) : Inhibitor switch (A/T models)

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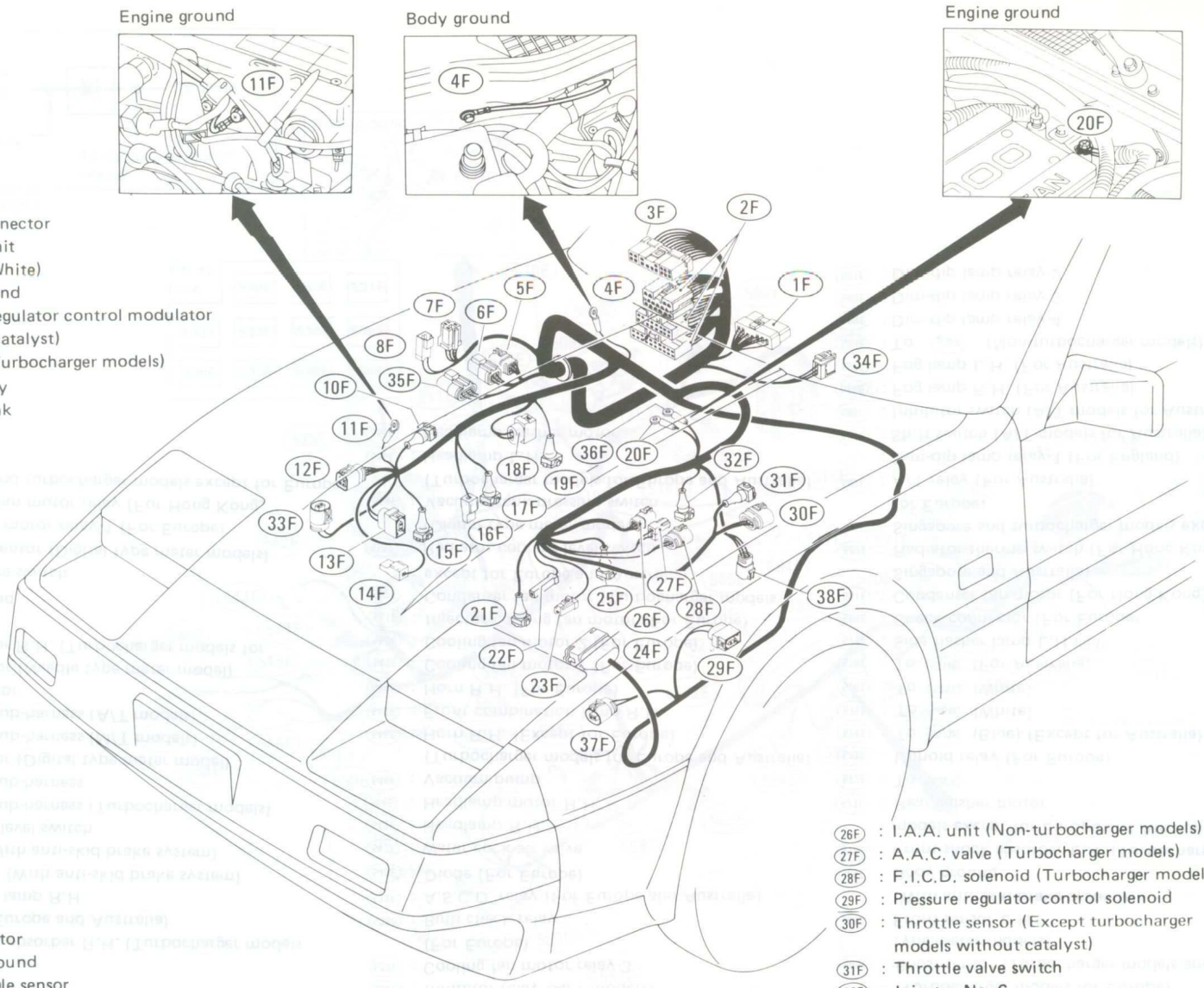
Engine Room Harness (Cont'd)

R.H. drive model



(502E) : To (568M) (A/T models)
(503E) : To (556M) (Blue)
(504E) : To (557M) (White)
(505E) : To (528I) (White)
(506E) : Battery
(507E) : Headlamp timer
(508E) : Headlamp relay
(509E) : Passing relay
(510E) : Fusible link
(511E) : Front shock absorber R.H. (Turbocharger models except for Europe and Australia)
(512E) : Side flasher lamp R.H.
(513E) : Fusible link (With anti-skid brake system)
(514E) : To (505M) (With anti-skid brake system)
(515E) : Brake fluid level switch
(516E) : To engine sub-harness (Turbocharger models)
(517E) : To engine sub-harness
(519E) : Speed sensor (Digital type meter model)
(520E) : To engine sub-harness (M/T models)
(521E) : To engine sub-harness (A/T models)
(522E) : Starter motor
(524E) : Speed sensor (Needle type meter model)
(525E) : Front sensor R.H. (Turbocharger models for Europe)
(527E) : Body ground
(528E) : Low-pressure switch
(529E) : Headlamp sensor (Digital type meter models)
(530E) : Cooling fan motor relay-1 (For Europe)
Condenser fan motor relay (For Hong Kong, Singapore and turbocharger models except for Europe)
(531E) : Vacuum pump relay (Turbocharger models for Europe and Australia)
(532E) : Horn relay
(533E) : Compressor relay
(534E) : Cooling fan motor relay-2 (For Europe)
(535E) : Headlamp washer relay
(536E) : Inhibitor relay (A/T models)
(537E) : Cooling fan motor relay-3 (For Europe)
(538E) : Bulb check relay
(539E) : A.S.C.D. relay (For Europe and Australia)
(540E) : Diode (For Europe)
(542E) : Water cock air valve
(543E) : Headlamp R.H.
(544E) : Headlamp motor R.H.
(545E) : Vacuum pump (Turbocharger models for Europe and Australia)
(546E) : Horn R.H. (Except for Europe)
(547E) : Front combination lamp R.H.
(548E) : Horn R.H. (For Europe)
(549E) : Cooling fan motor-1 (For Europe)
(550E) : Cooling fan motor-2 (For Europe)
(551E) : Injector cooling fan motor (For Europe)
(552E) : Condenser fan motor (Turbocharger models except for Europe and Australia)
(553E) : Radiator coolant level switch (Digital type meter models)
(554E) : Vacuum tank pressure switch (Turbocharger models for Europe and Australia)
(555E) : Headlamp L.H.
(556E) : Headlamp washer motor
(558E) : Ambient temperature sensor (For Australia)
(559E) : Front combination lamp L.H.
(560E) : Horn L.H. (For Europe)
(561E) : Horn L.H. (Except for Europe)
(562E) : Sensor (For Europe)
(563E) : Headlamp motor L.H.
(564E) : Transmission oil cooler pump (Turbocharger models for Europe)
(565E) : Boost sensor (Turbocharger models and digital type meter models)
(566E) : Front sensor L.H. (With anti-skid brake system)
(569E) : Body ground
(570E) : Front shock absorber L.H. (Turbocharger models except for Europe and Australia)
(571E) : Rear washer motor
(572E) : To (526F)
(573E) : Uphold relay (For Europe)
(574E) : To (542M) (Blue) (Except for Australia)
(575E) : To (540M) (White)
(576E) : To (503I) (White)
(578E) : To (534M) (For Australia)
(579E) : Side flasher lamp L.H.
(580E) : Check connector (For Europe)
(581E) : Condenser fan motor (For Hong Kong, Singapore and Australia)
(582E) : Radiator thermo switch (For Hong Kong, Singapore and turbocharger models except for Europe)
(583E) : A/T relay (For Australia)
: Dim-dip lamp relay-1 (For England)
(584E) : Shift switch (A/T models for Australia)
(585E) : Inhibitor switch (A/T models for Australia)
(586E) : Fog lamp R.H. (For Australia)
(587E) : Fog lamp L.H. (For Australia)
(588E) : To (538F) (Non-turbocharger models)
(589E) : Dim-dip lamp relay-4
(590E) : Dim-dip lamp relay-3
(591E) : Dim-dip lamp relay-2

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(1F) : Check connector
(2F) : Control unit
(3F) : To (74M) (White)
(4F) : Body ground
(5F) : Pressure regulator control modulator (Without catalyst)
(6F) : To (11E) (Turbocharger models)
(7F) : E.F.I. relay
(8F) : Fusible link

(10F) : Air regulator
(11F) : Engine ground
(12F) : Crank angle sensor
(13F) : To cylinder head temperature sensor sub-harness
(14F) : Fuel temperature sensor
(15F) : Injector No. 1
(16F) : Thermal transmitter
(17F) : Injector No. 3
(18F) : E.G.R. solenoid (With catalyst)
(19F) : Injector No. 5

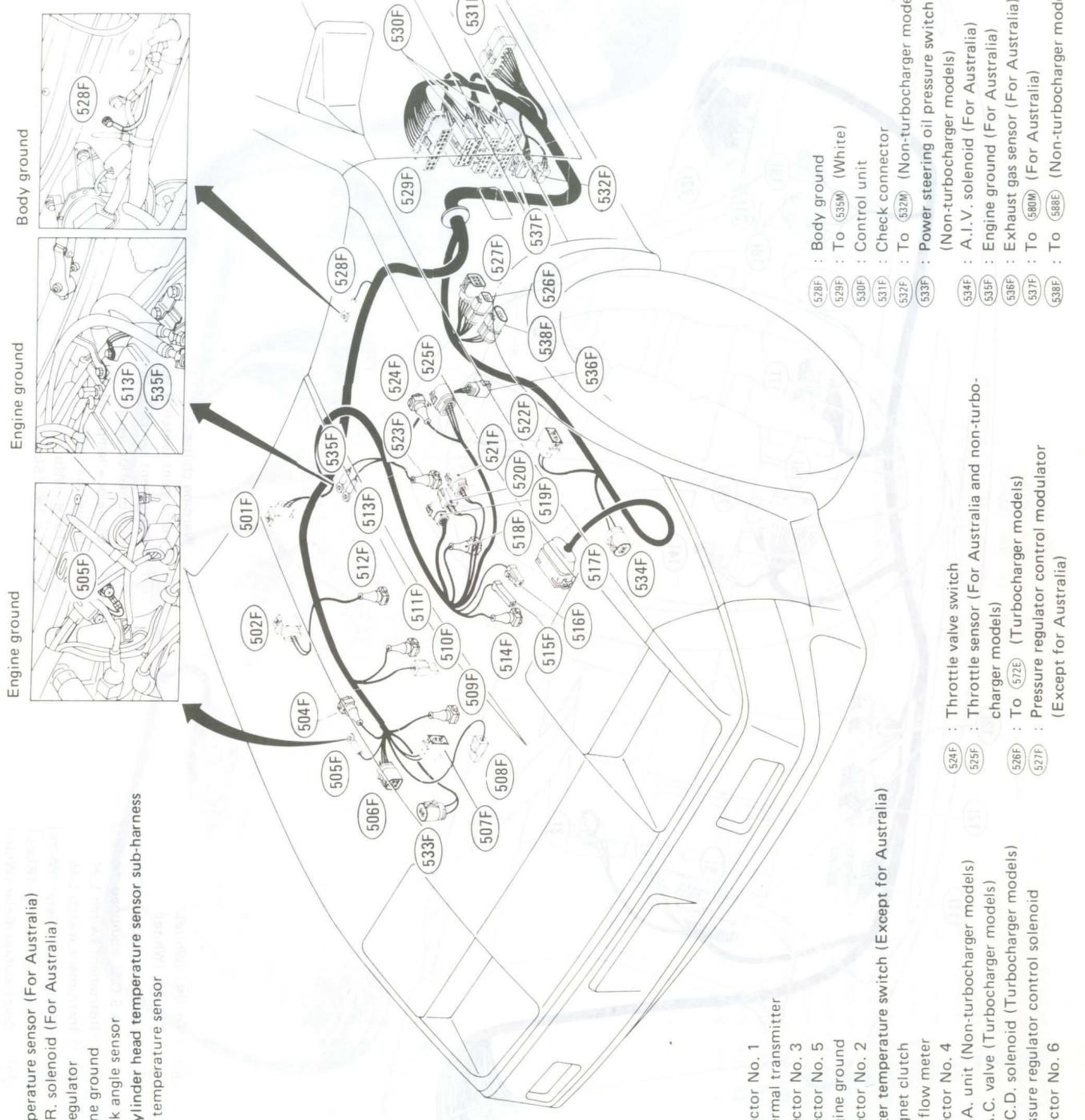
(20F) : Engine ground
(21F) : Injector No. 2
(22F) : Water temperature switch (Without catalyst)
(23F) : Magnet clutch
(24F) : Air flow meter
(25F) : Injector No. 4

(26F) : I.A.A. unit (Non-turbocharger models)
(27F) : A.A.C. valve (Turbocharger models)
(28F) : F.I.C.D. solenoid (Turbocharger models)
(29F) : Pressure regulator control solenoid
(30F) : Throttle sensor (Except turbocharger models without catalyst)
(31F) : Throttle valve switch
(32F) : Injector No. 6
(33F) : Power steering oil pressure switch (Non-turbochargermodels)
(34F) : Not used (With catalyst)
(35F) : To (83E) (Non-turbocharger models)
(36F) : Body ground (With catalyst)
(37F) : E.A.I. solenoid (With catalyst)
(38F) : Exhaust gas sensor (With catalyst)

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E.F.I. Harness (Cont'd)

R.H. drive model



501F : Temperature sensor (For Australia)
502F : E.G.R. solenoid (For Australia)
504F : Air regulator
505F : Engine ground
506F : Crank angle sensor
507F : To cylinder head temperature sensor sub-harness
508F : Fuel temperature sensor

509F : Injector No. 1
510F : Thermal transmitter
511F : Injector No. 3
512F : Injector No. 5
513F : Engine ground
514F : Injector No. 2
515F : Water temperature switch (Except for Australia)
516F : Magnet clutch
517F : Air flow meter
518F : Injector No. 4
519F : I.A.A. unit (Non-turbocharger models)
520F : A.A.C. valve (Turbocharger models)
521F : F.I.C.D. solenoid (Turbocharger models)
522F : Pressure regulator control solenoid
523F : Injector No. 6

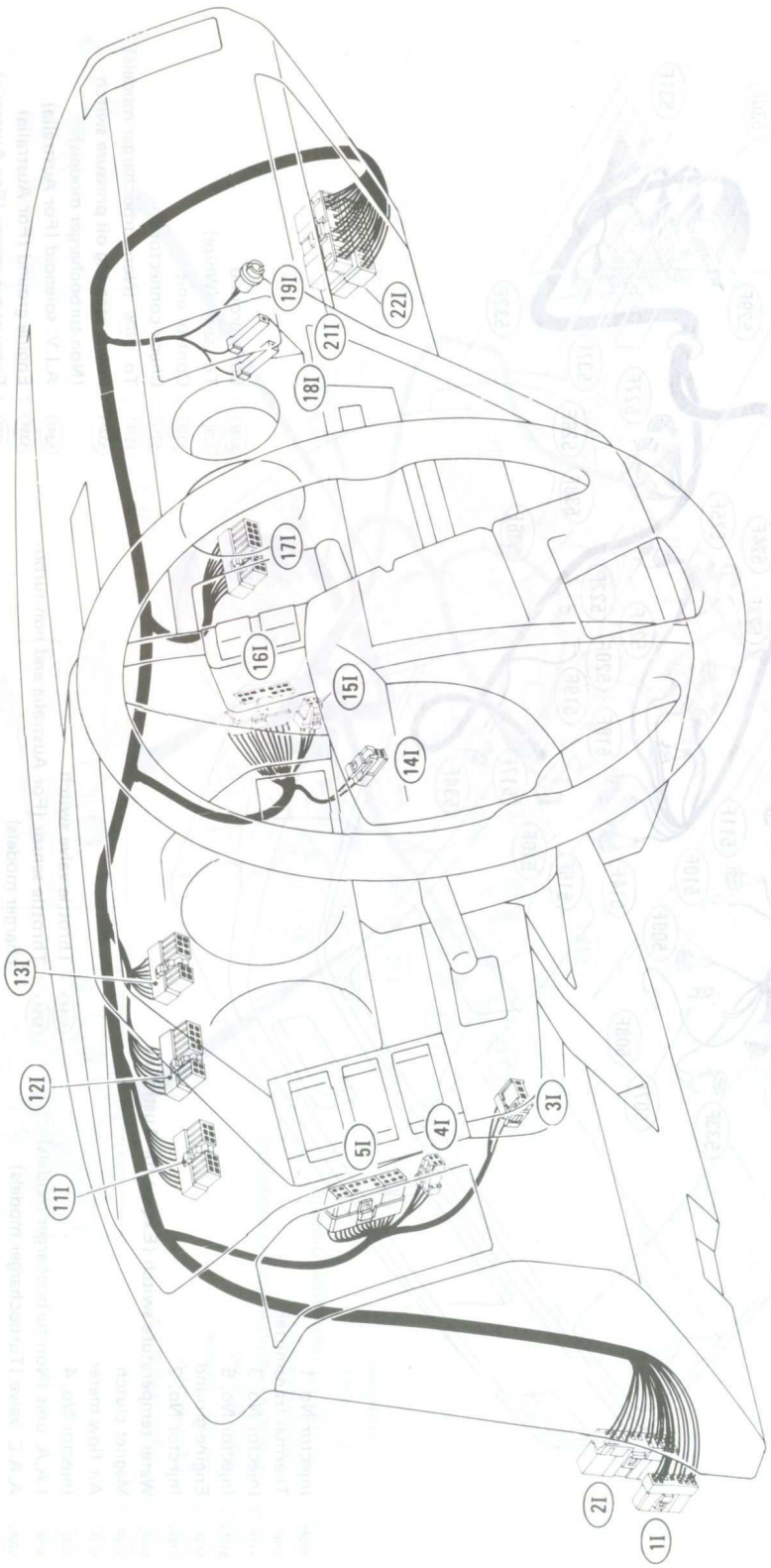
524F : Throttle valve switch
525F : Throttle sensor (For Australia and non-turbocharger models)
526F : To (572E) (Turbocharger models)
527F : Pressure regulator control modulator (Except for Australia)

528F : Body ground
529F : To (535M) (White)
530F : Control unit
531F : Check connector
532F : To (532M) (Non-turbocharger models)
533F : Power steering oil pressure switch (Non-turbocharger models)
534F : A.I.V. solenoid (For Australia)
535F : Engine ground (For Australia)
536F : Exhaust gas sensor (For Australia)
537F : To (580M) (For Australia)
538F : To (588E) (Non-turbocharger models)

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Instrument Harness

L.H. drive model

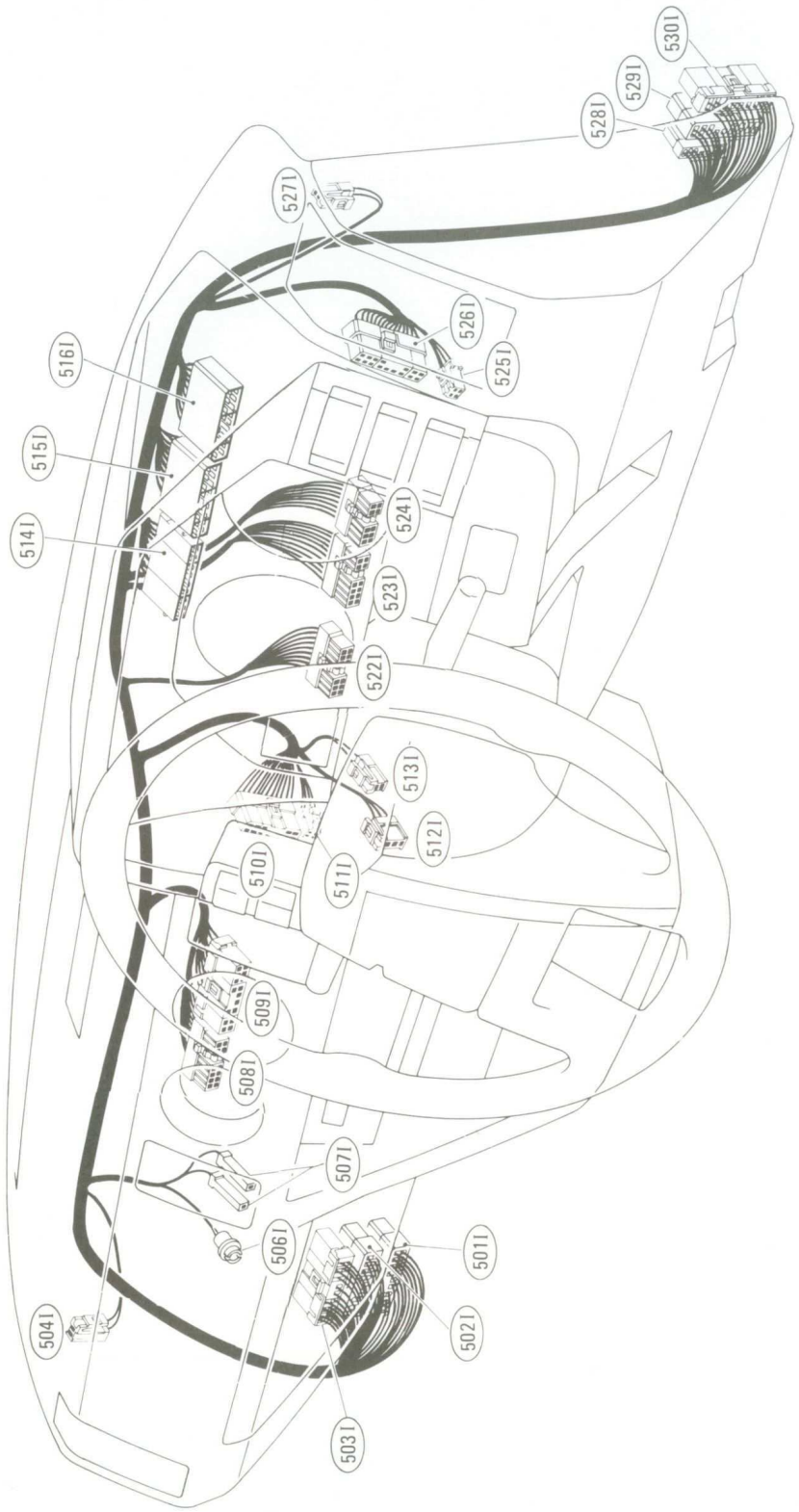


(1I) : To (78E) (White)
(2I) : To (44M) (White)
(3I) : Illumination control switch (A.S.C.D. equipped models)
(4I) : Instrument switch L.H.
(5I) : Instrument switch L.H.
(11I) : Combination meter (White)
(12I) : Combination meter (Black)
(13I) : Combination meter (White)
(14I) : Warning chime
(15I) : Instrument switch R.H.
(16I) : Instrument switch R.H.
(17I) : Combination gauge
(18I) : Glove box lamp switch
(19I) : Glove box lamp
(21I) : To (5E) (White)
(22I) : To (73M) (Black)

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Instrument Harness (Cont'd)

R.H. drive model



(501) : To (536M) (Blue) (Digital type meter models)
(502) : To (537M) (Black)
(503) : To (576E) (White)
(504) : Speaker L.H. (For Australia)
(506) : Glove box lamp
(507) : Glove box lamp switch
(508) : Combination gauge (Needle type meter models)
(509) : Combination gauge (Digital type meter models)
(510) : Instrument switch L.H.
(511) : Instrument switch L.H.
(512) : Illumination control switch (A.S.C.D. equipped models)
(513) : Warning chime
(514) : Combination meter (White) } (Digital type meter models)
(515) : Combination meter (Blue) } (Digital type meter models)
(516) : Combination meter (Black) } (Digital type meter models)

(522) : Combination meter (White)
(523) : Combination meter (Black)
(524) : Combination meter (White)
(525) : Instrument switch R.H.
(526) : Instrument switch R.H.
(527) : Speaker R.H. (For Australia)
(528) : To (505E) (White)
(529) : To (567M) (Blue)
(530) : To (566M) (White)

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