

ELECTRICAL SYSTEM

SECTION **EL**

When you read wiring diagrams:

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

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WIRING DIAGRAM REFERENCE CHART

ECCS	EF & EC SECTION
A/T CONTROL SYSTEM	AT SECTION
REAR WHEEL ANTI-LOCK BRAKE SYSTEM	BR SECTION
ADJUSTABLE SHOCK ABSORBER	FA SECTION
POWER WINDOW	BF SECTION
POWER DOOR LOCK	BF SECTION
BACK DOOR WINDOW OPENER	BF SECTION
DOOR MIRROR	BF SECTION
HEATER AND AIR CONDITIONER	HA SECTION

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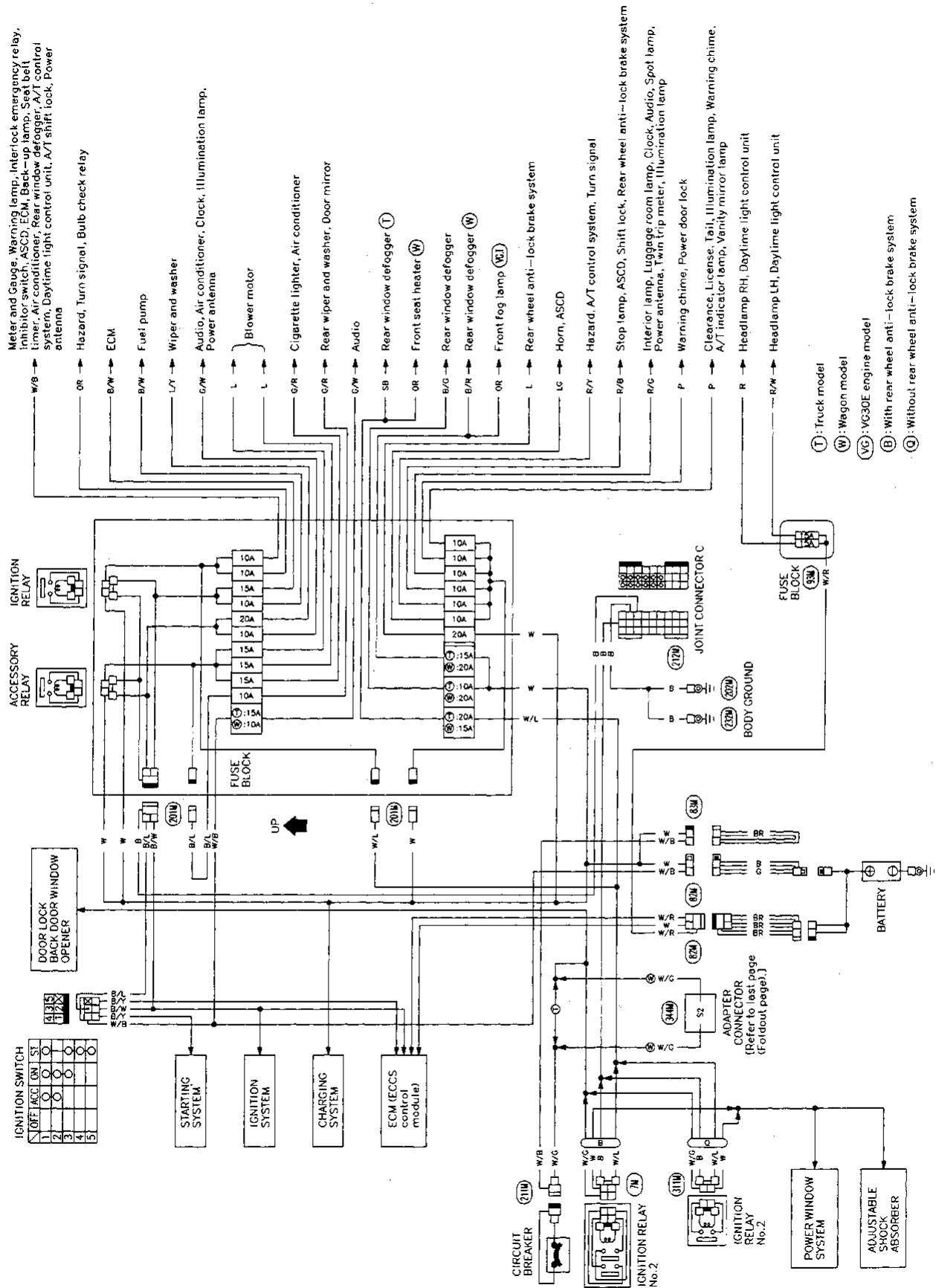
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POWER SUPPLY ROUTING

Wiring Diagram



STARTING SYSTEM

Wiring Diagram

VG30E ENGINE MODEL

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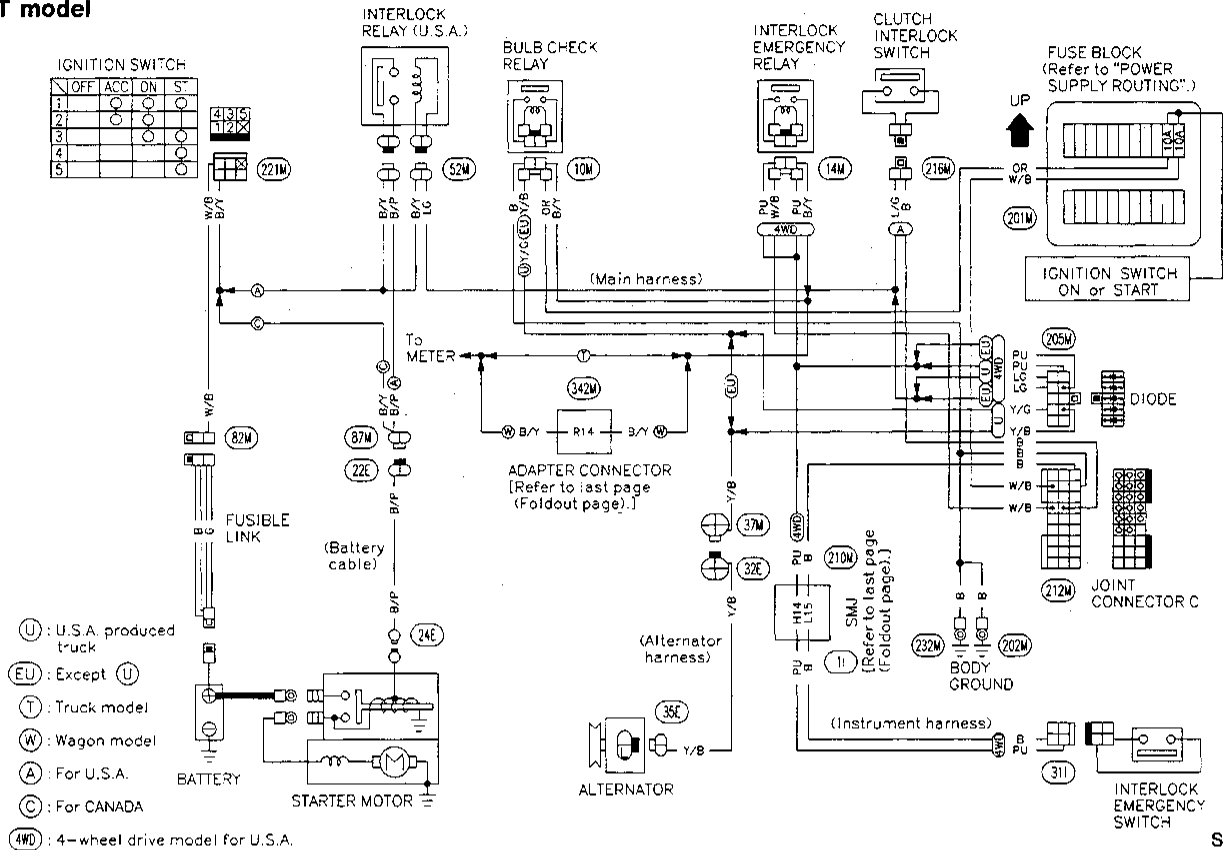
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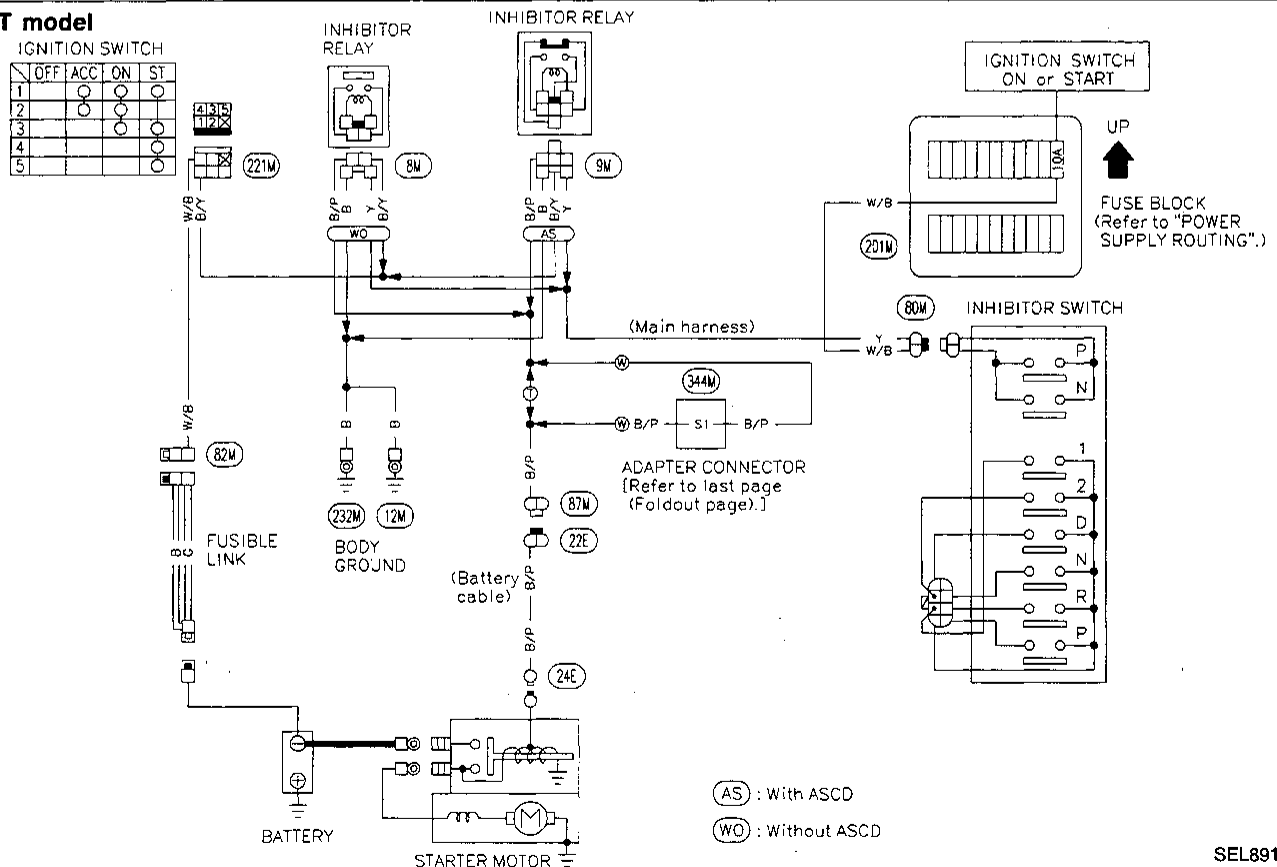
EL

M/T model



SEL791T

A/T model



SEL891S

KA24E ENGINE MODEL

Model

IGNITION SWITCH

3"	ON	ACC	OFF	
1	2	3	4	5

INTERLOCK RELAY (U.S.A.)

BULB CHECK RELAY

INTERLOCK EMERGENCY RELAY

CLUTCH INTERLOCK SWITCH

FUSE BLOCK (Refer to "POWER SUPPLY ROUTING")

IGNITION SWITCH ON or START

JOINT CONNECTOR C

CHODE

BODY GROUND

ALTERNATOR

STARTER MOTOR

BATTERY

FUSIBLE LINK

To METER

(Main harness)

(Engine harness)

(Instrument harness)

Legend:

- 4WD : 4-wheel drive model for U.S.A.
- A : For U.S.A.
- C : For Canada
- J : Japan produced truck
- U : U.S.A. produced truck

SEL792T

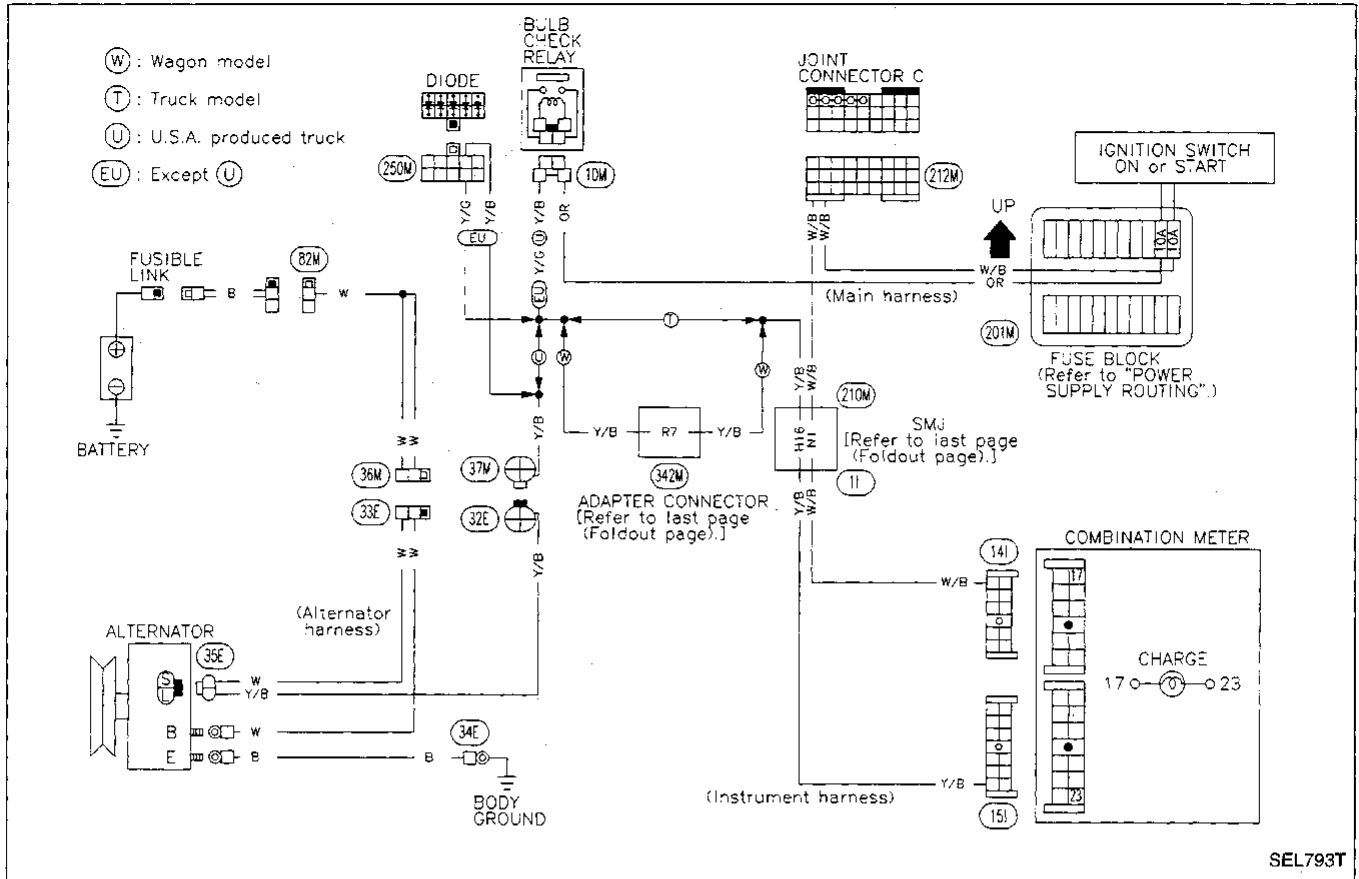
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SEL292RA

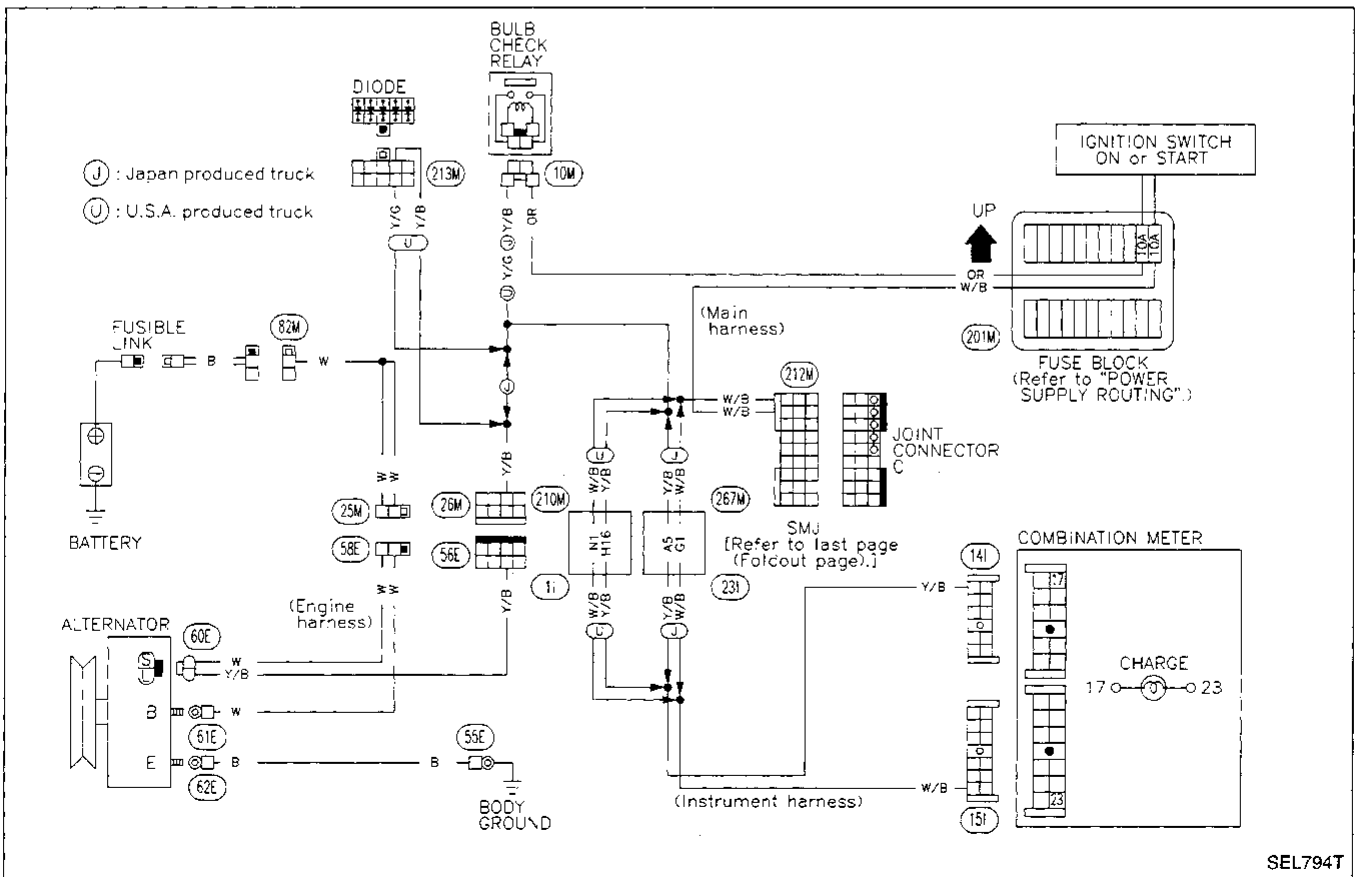
CHARGING SYSTEM

Wiring Diagram

VG30E ENGINE MODEL

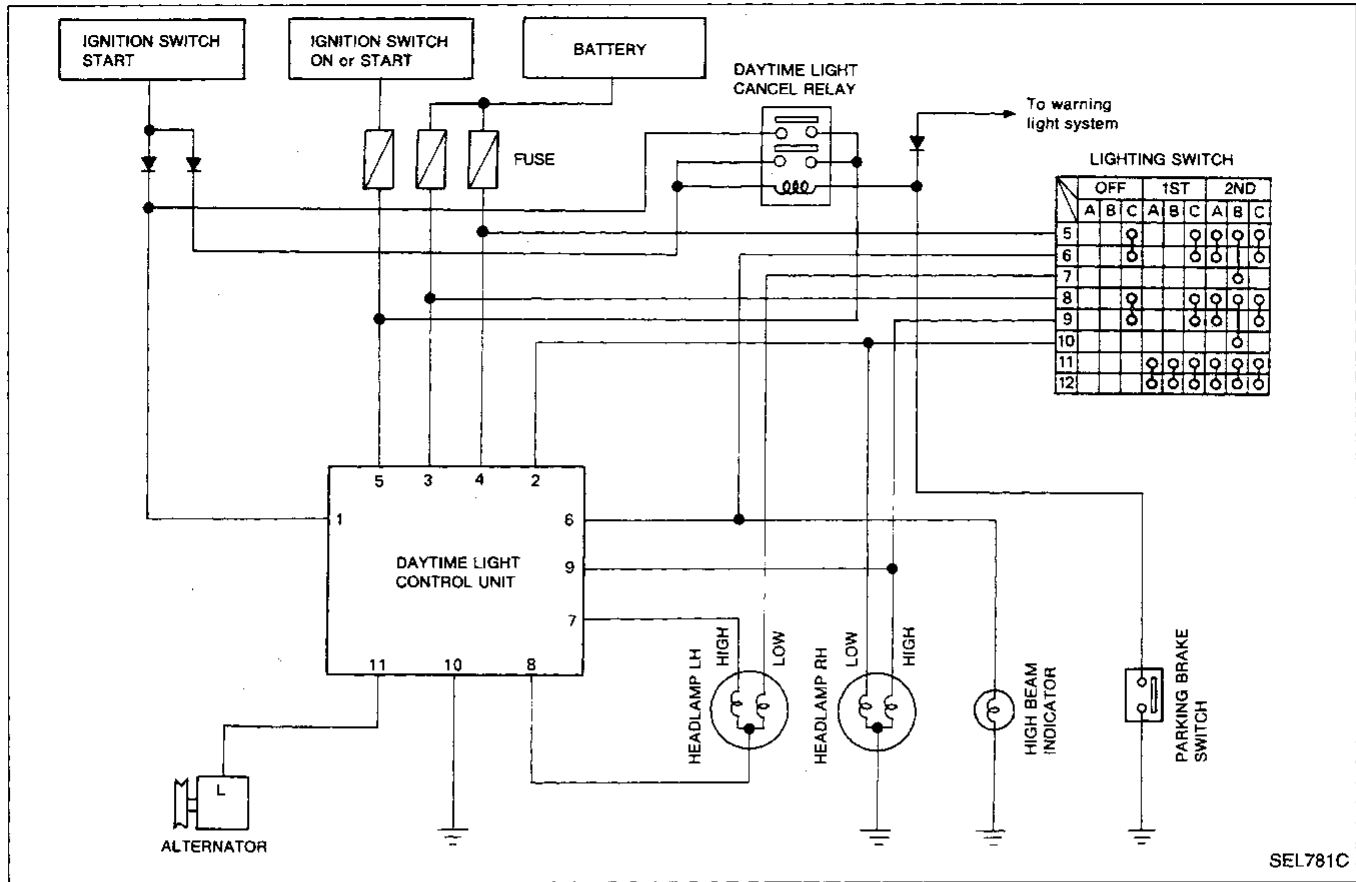


KA24E ENGINE MODEL



HEADLAMP

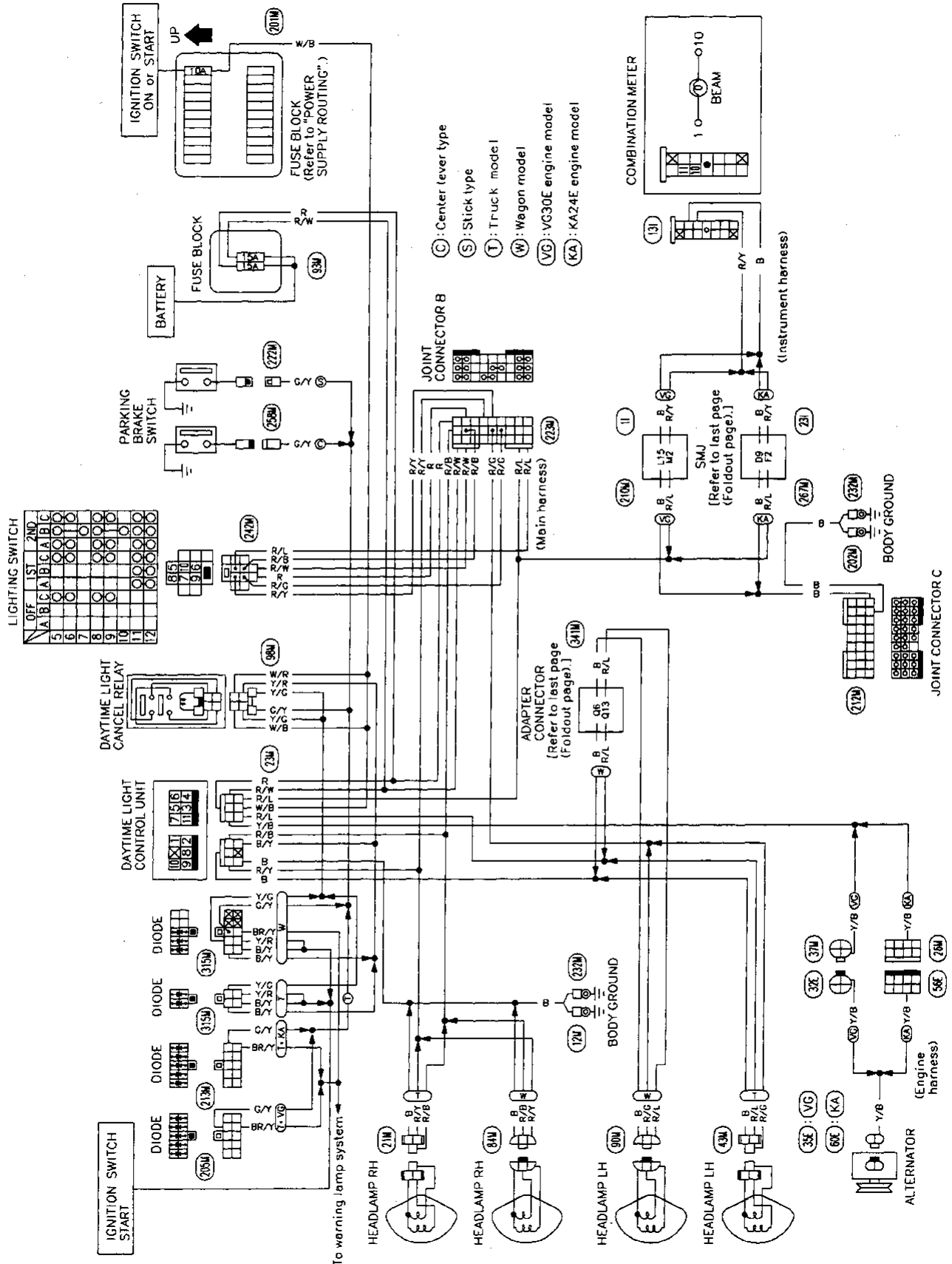
Schematic (Daytime light system for Canada)



SEL781C

HEADLAMP

Wiring Diagram (Daytime light system for Canada)



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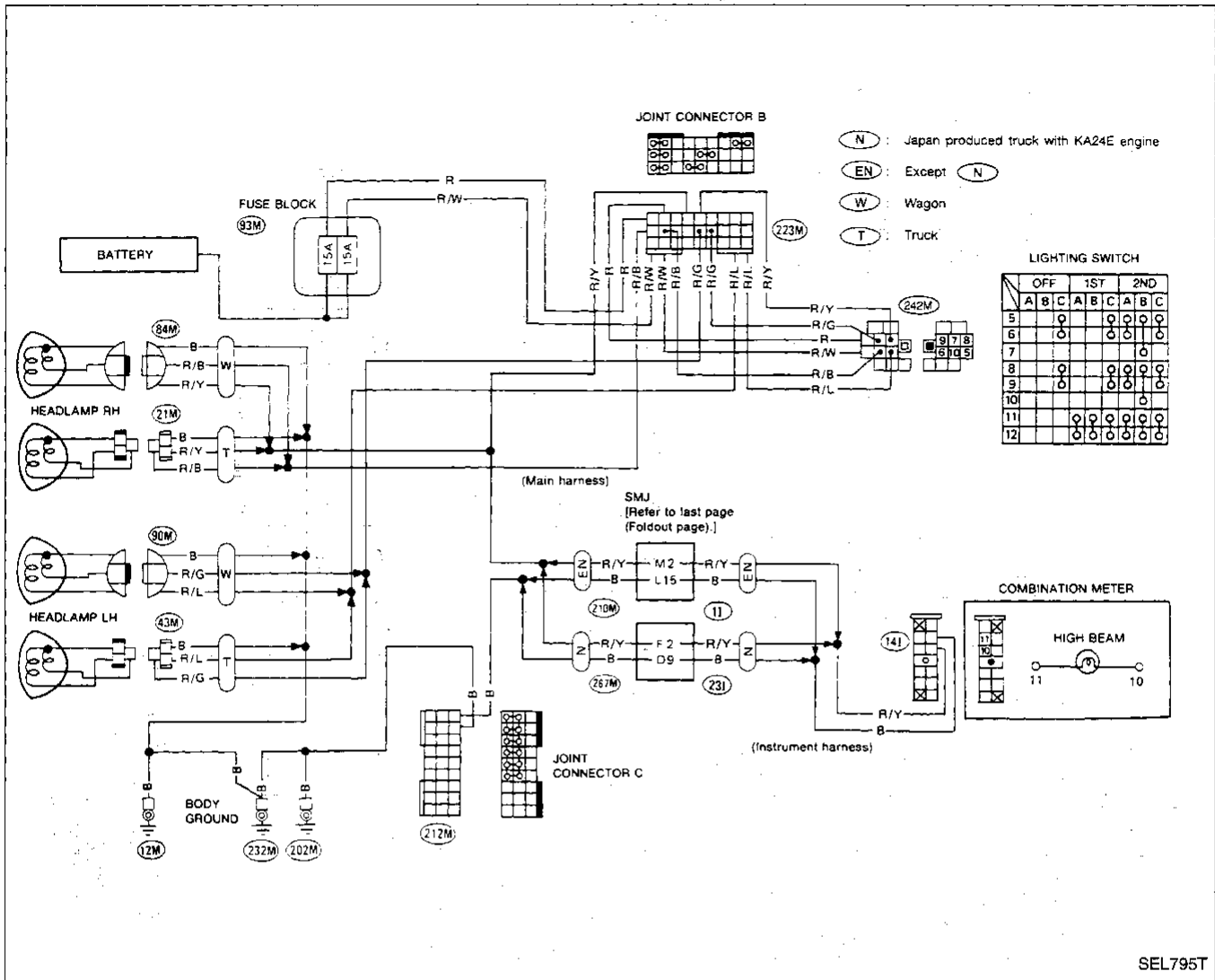
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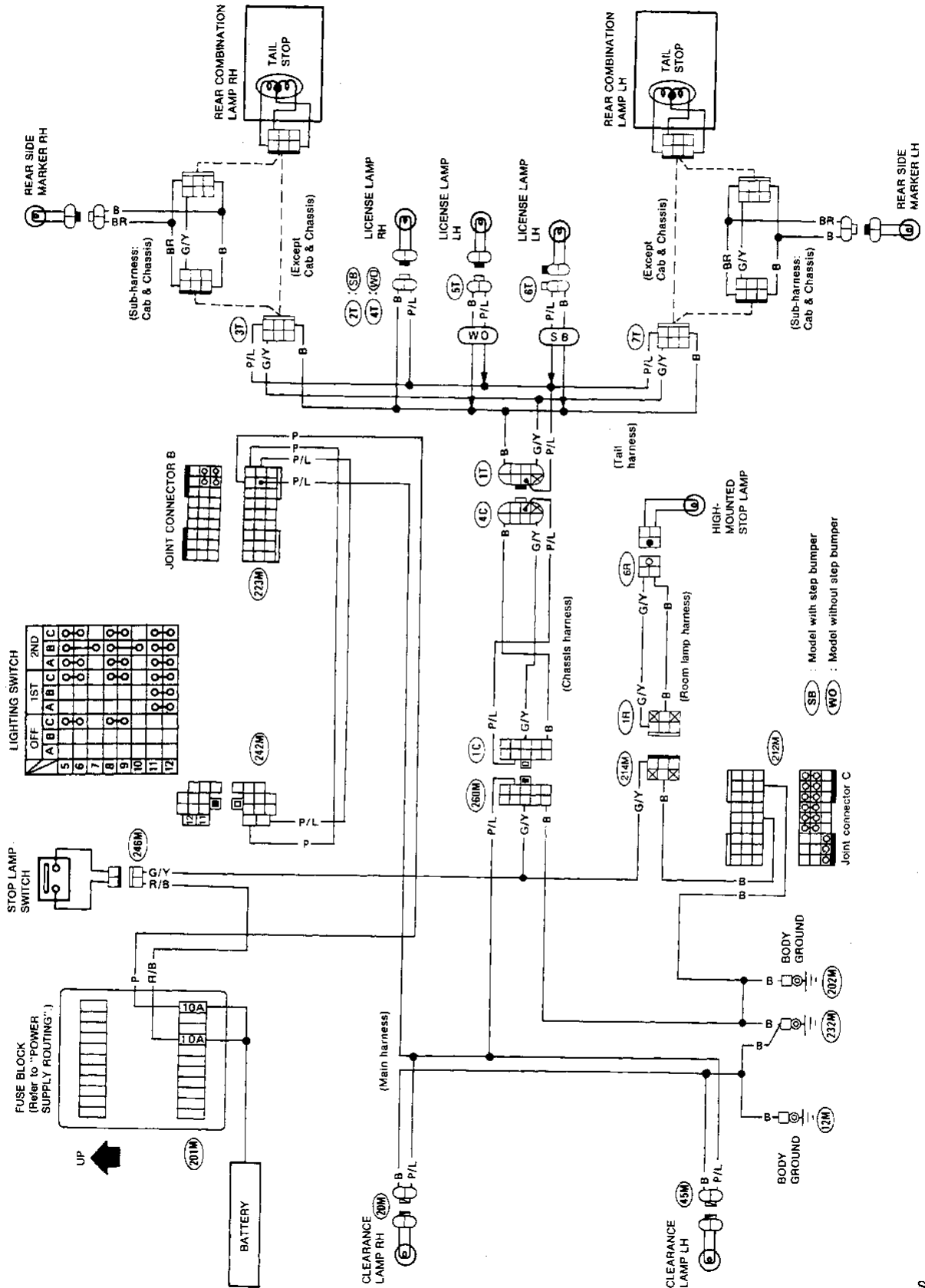
Wiring Diagram (Except for Canada)



EXTERIOR LAMP

Clearance, License, Tail and Stop Lamps/Wiring Diagram

TRUCK MODEL



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

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M/T MODEL

HA

A/T MODEL

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Turn Signal and Hazard Warning Lamps/Wiring Diagram

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

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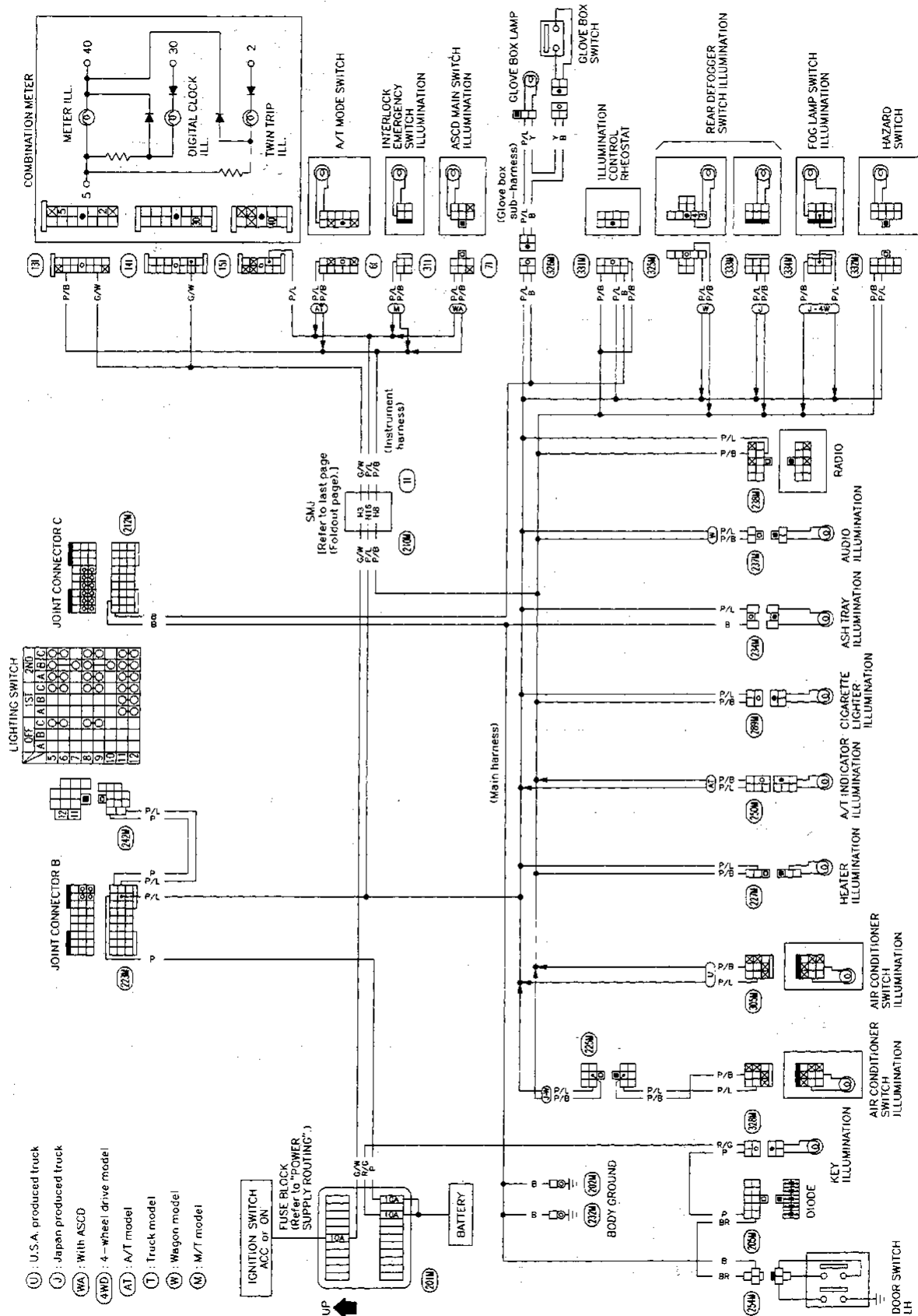
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INTERIOR LAMP

Illumination/Wiring Diagram

VG30E ENGINE MODEL

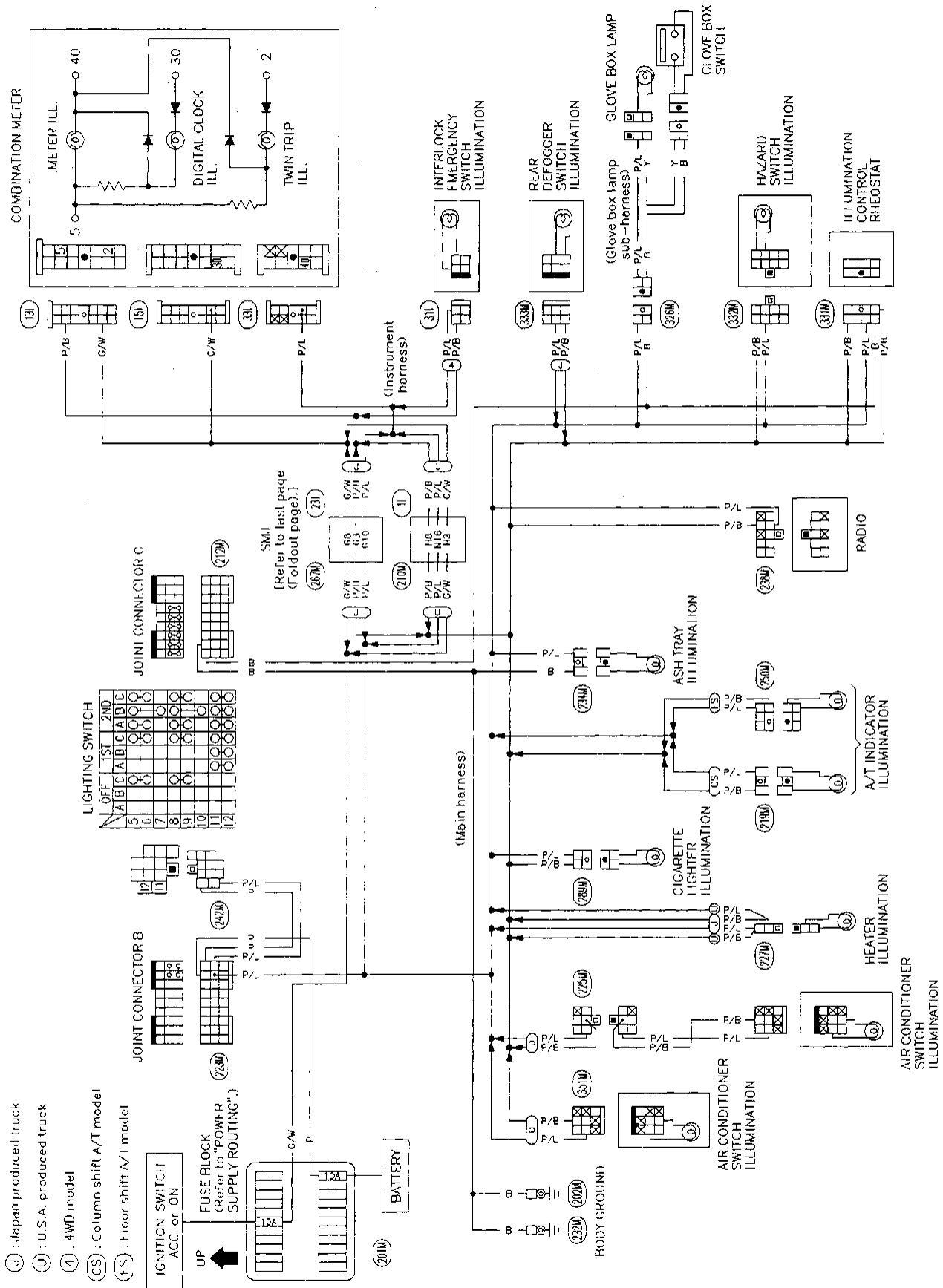


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INTERIOR LAMP

Illumination/Wiring Diagram (Cont'd)

KA24E ENGINE MODEL



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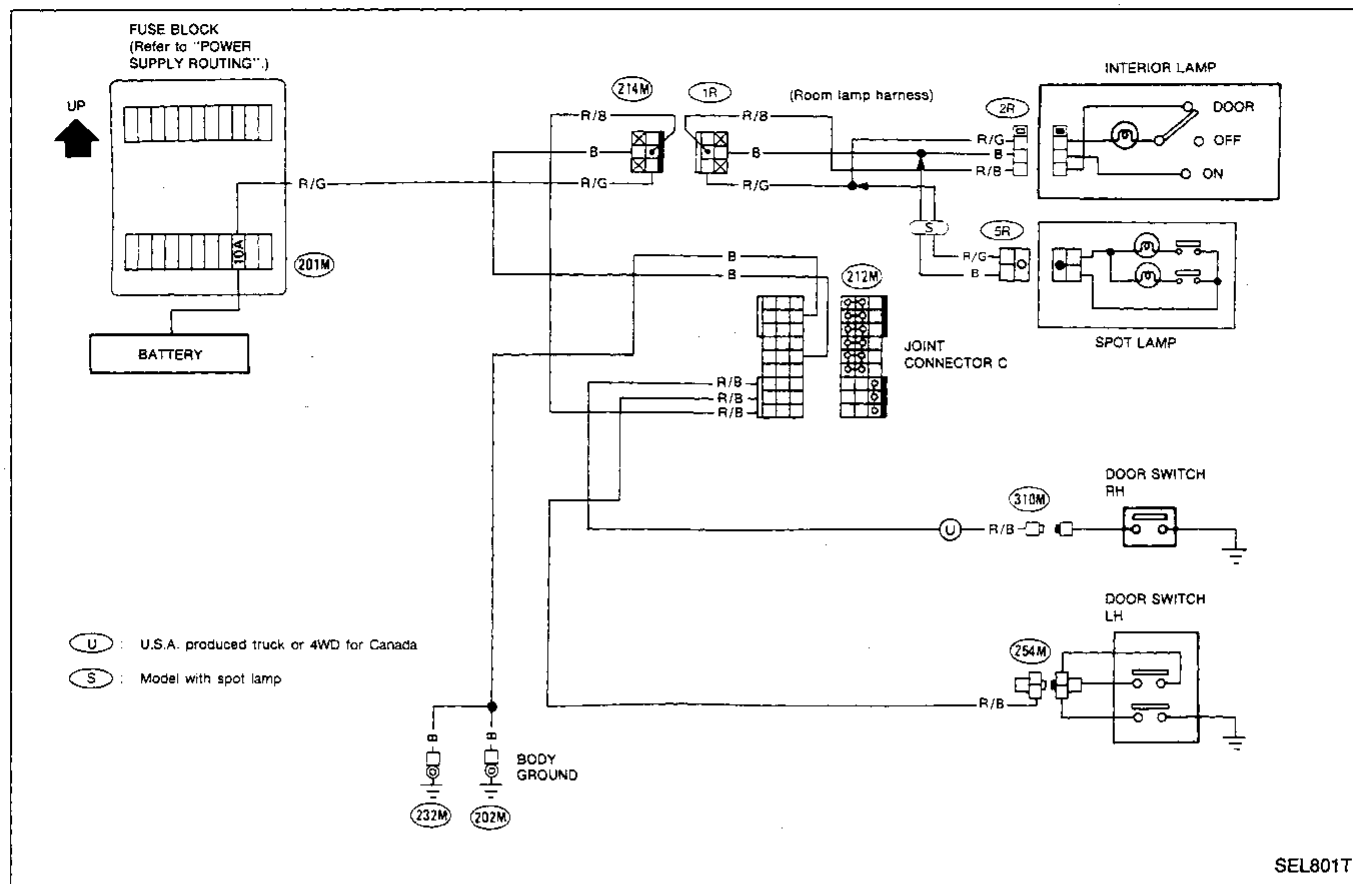
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INTERIOR LAMP

Interior Lamp/Wiring Diagram

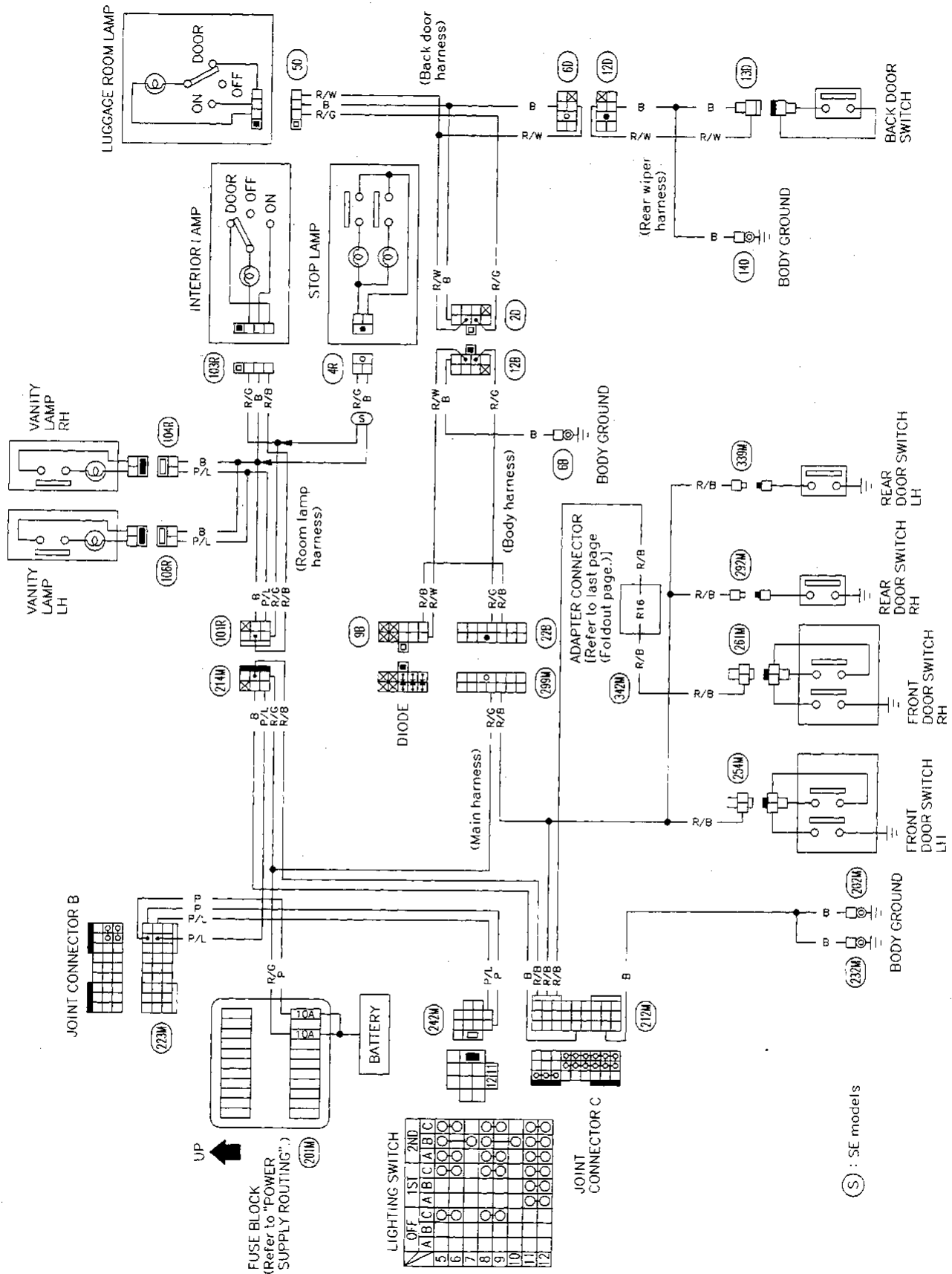
TRUCK MODEL



INTERIOR LAMP

Interior Lamp/Wiring Diagram (Cont'd)

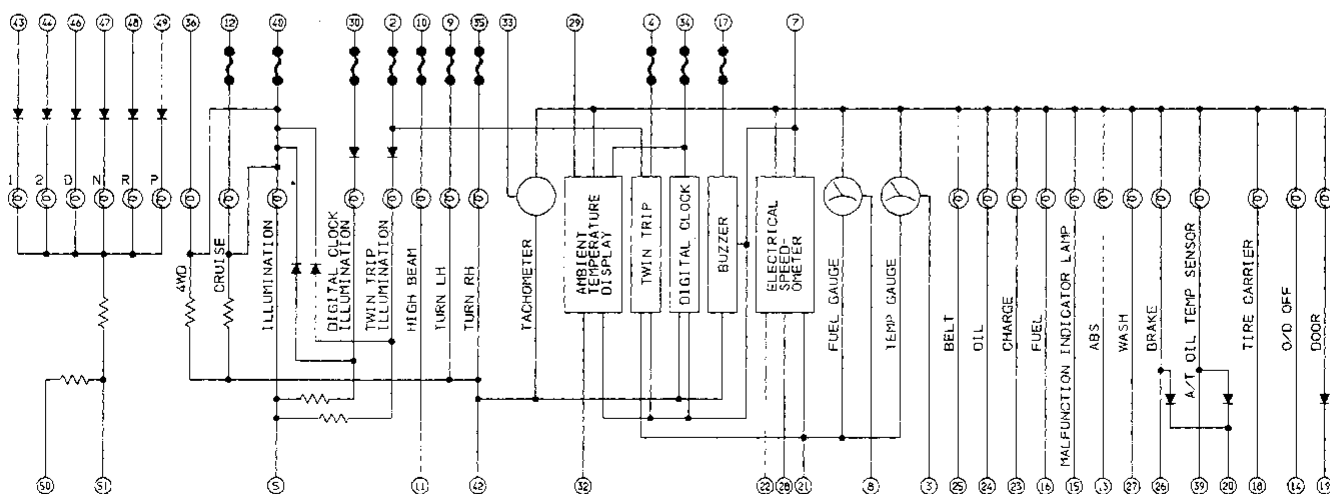
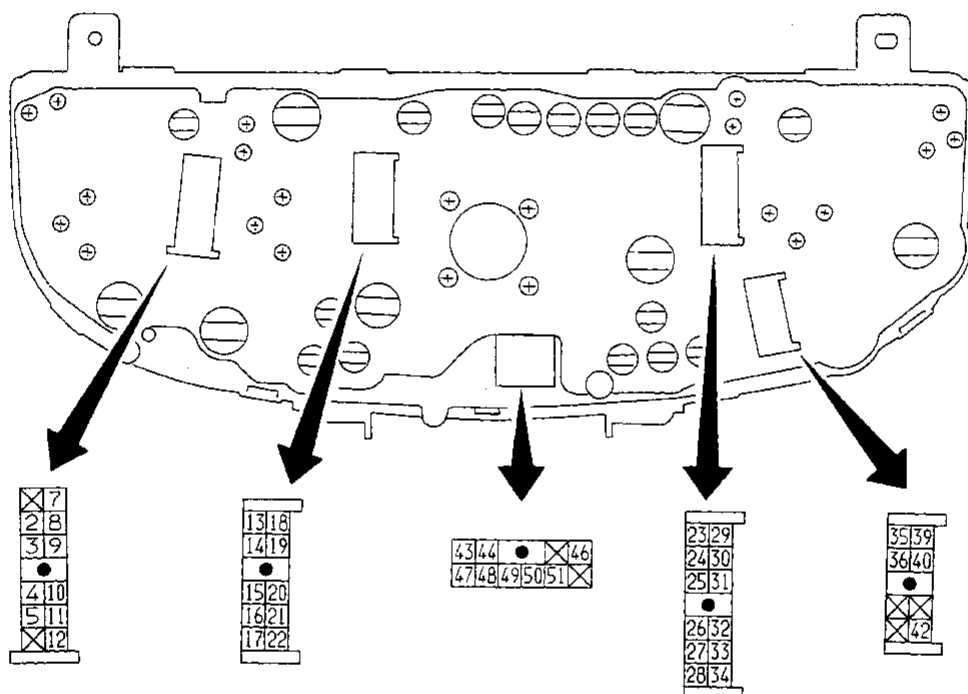
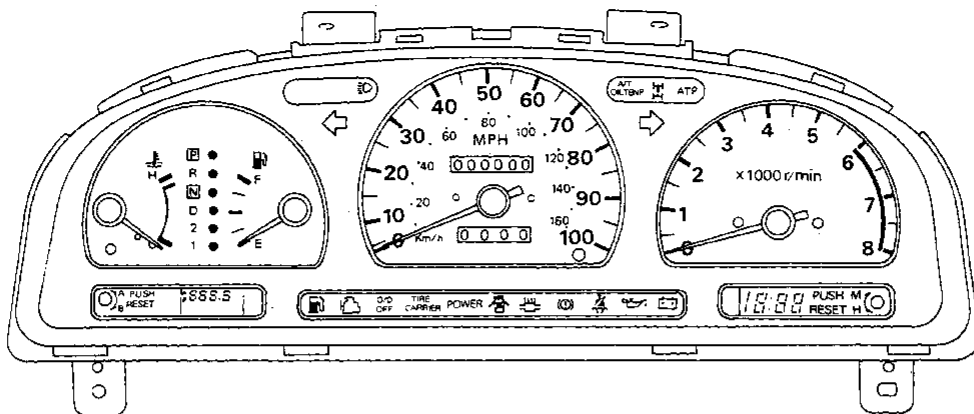
WAGON MODEL



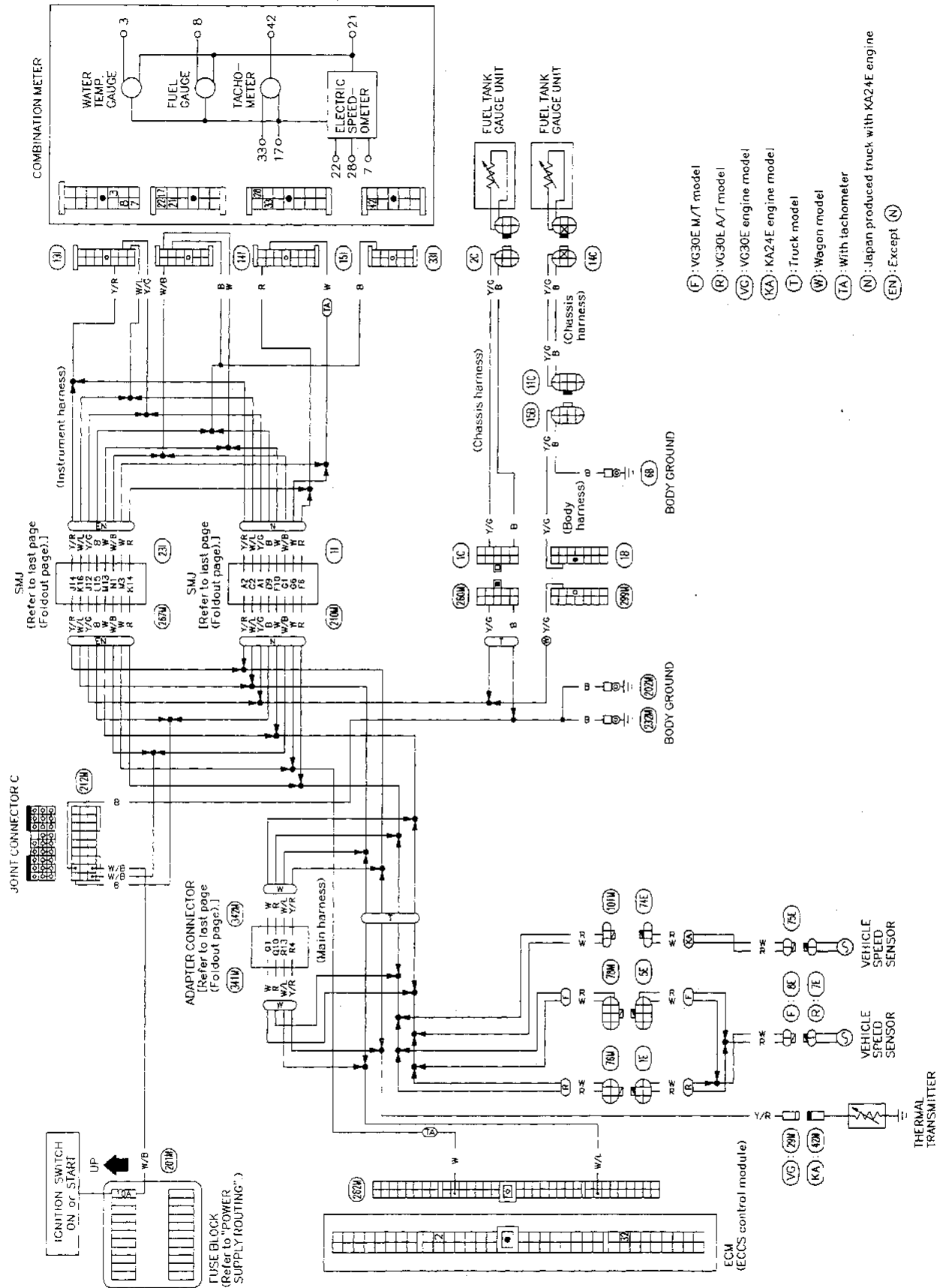
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METER AND GAUGES

Combination Meter



Wiring Diagram



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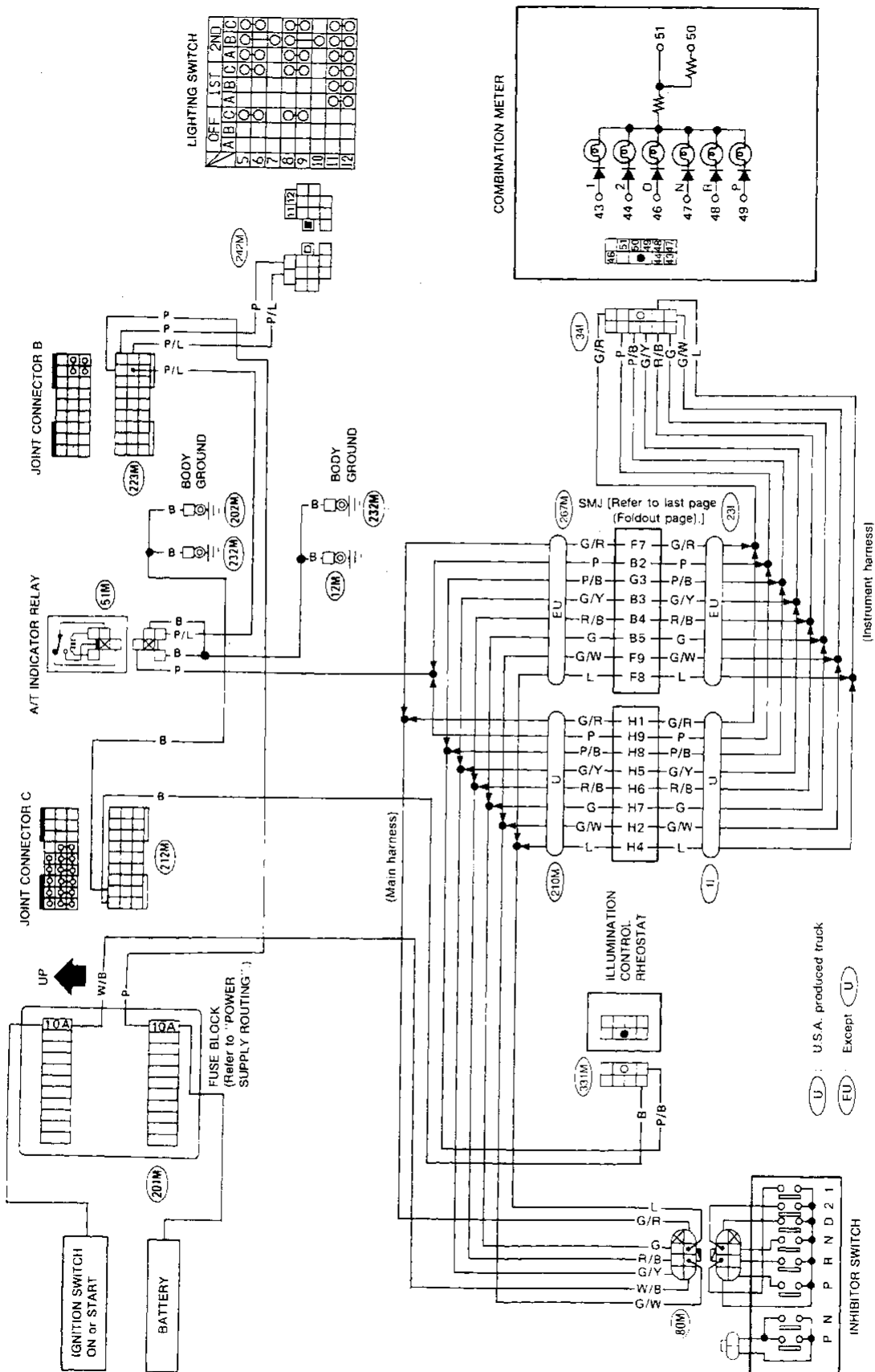
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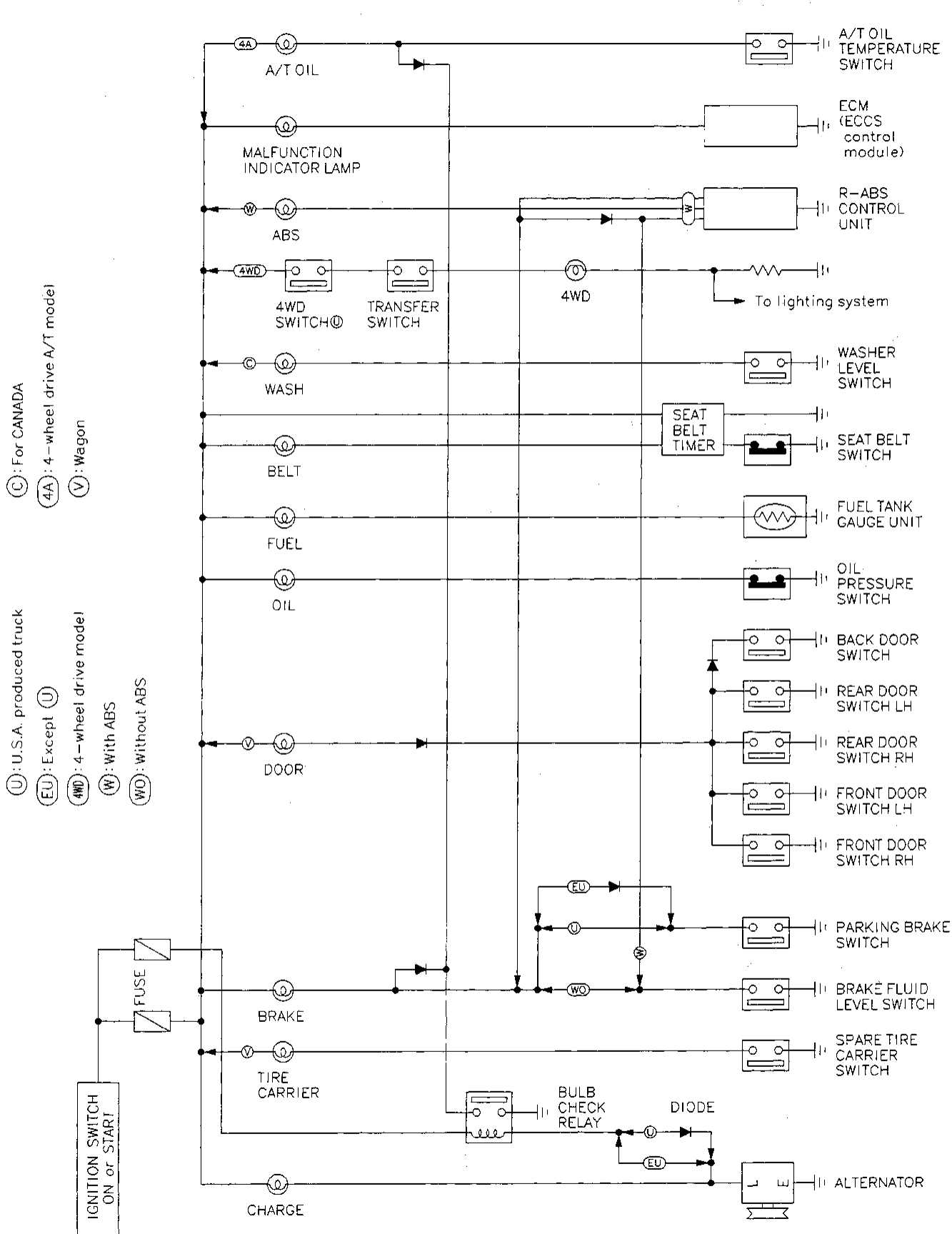
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A/T Indicator Lamp/Wiring Diagram



Warning Lamps/Schematic



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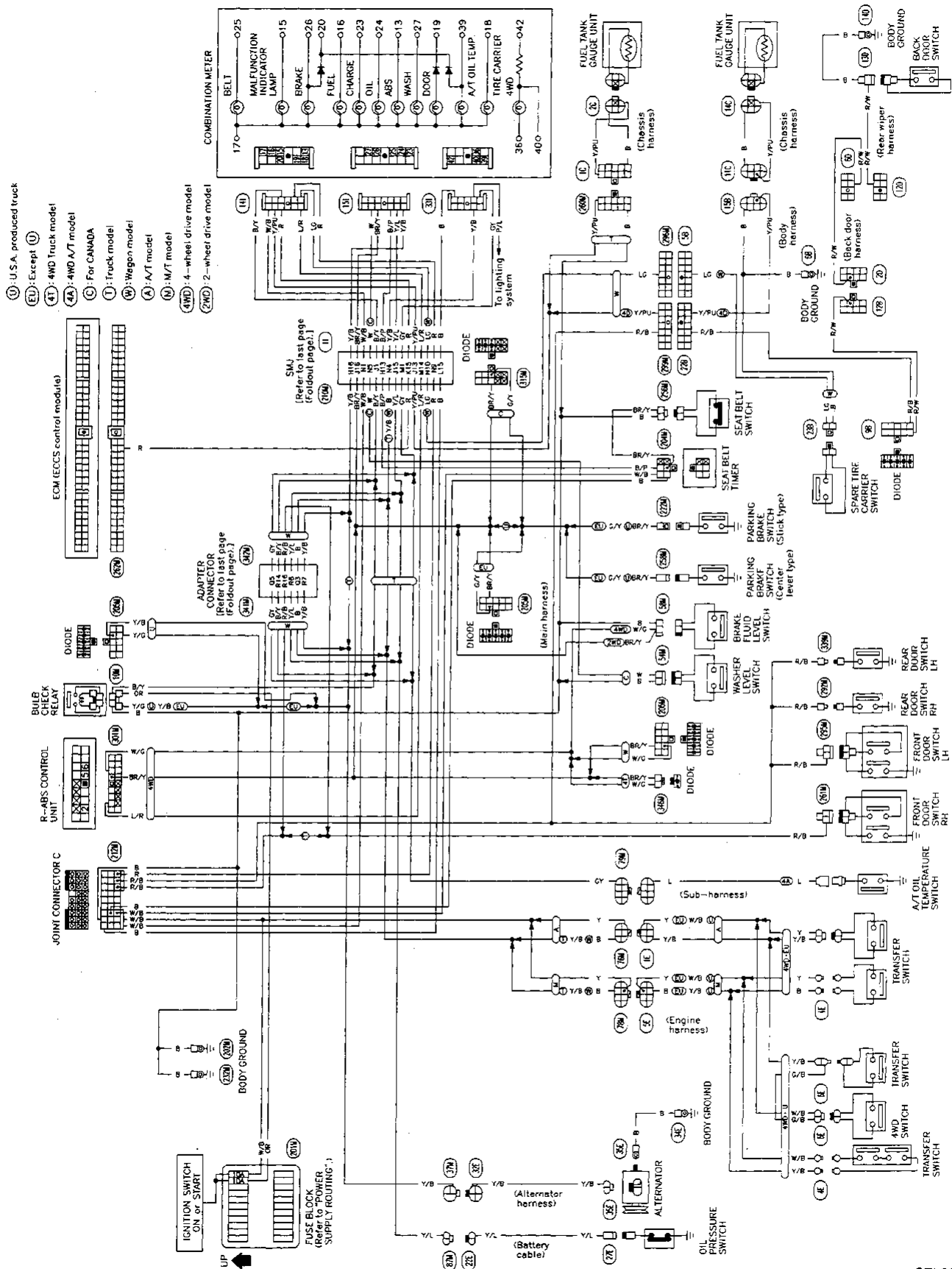
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Warning Lamps/Wiring Diagram

VG30E ENGINE MODEL

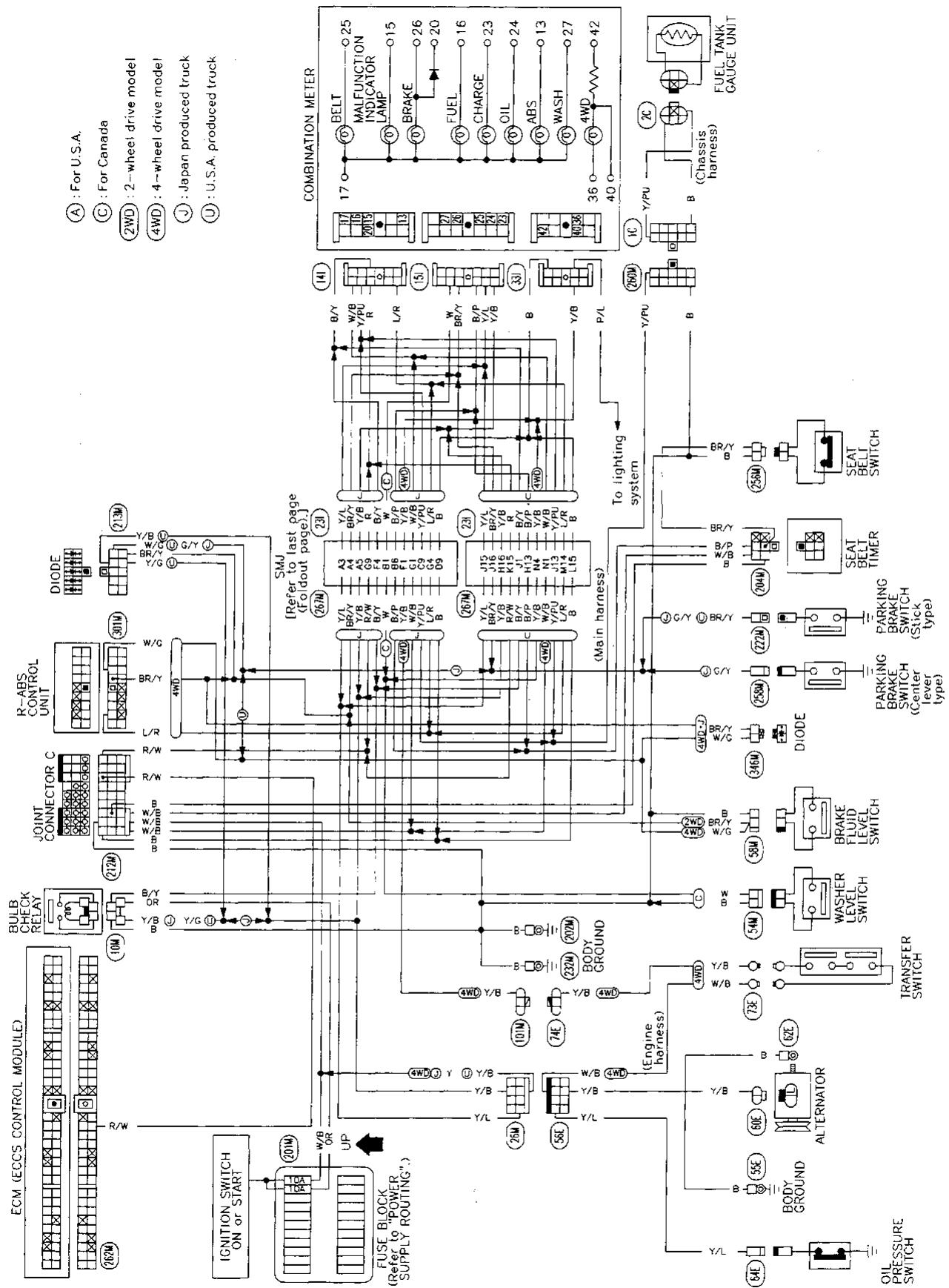


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WARNING LAMPS AND CHIME

Warning Lamps/Wiring Diagram (Cont'd)

KA24E ENGINE MODEL



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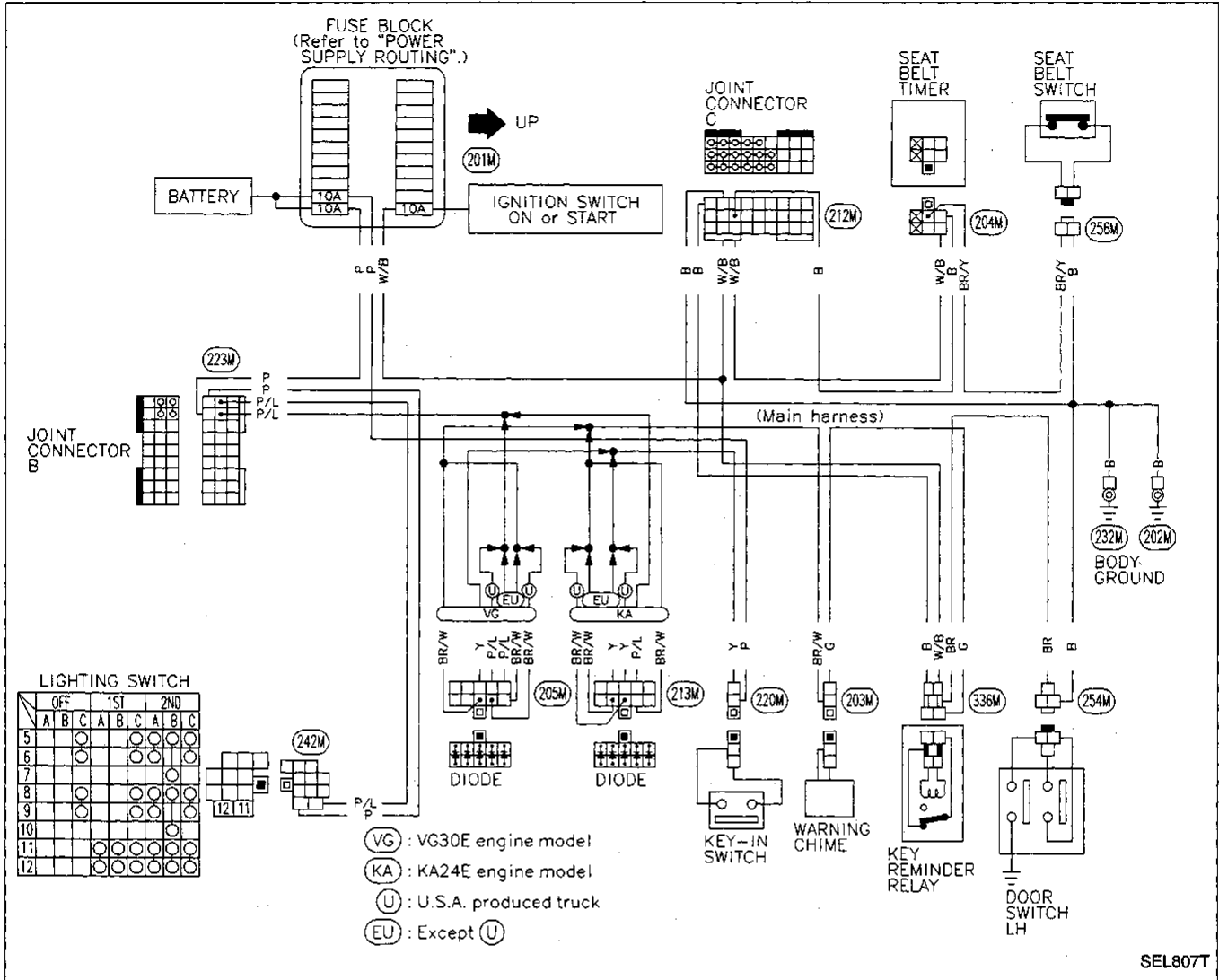
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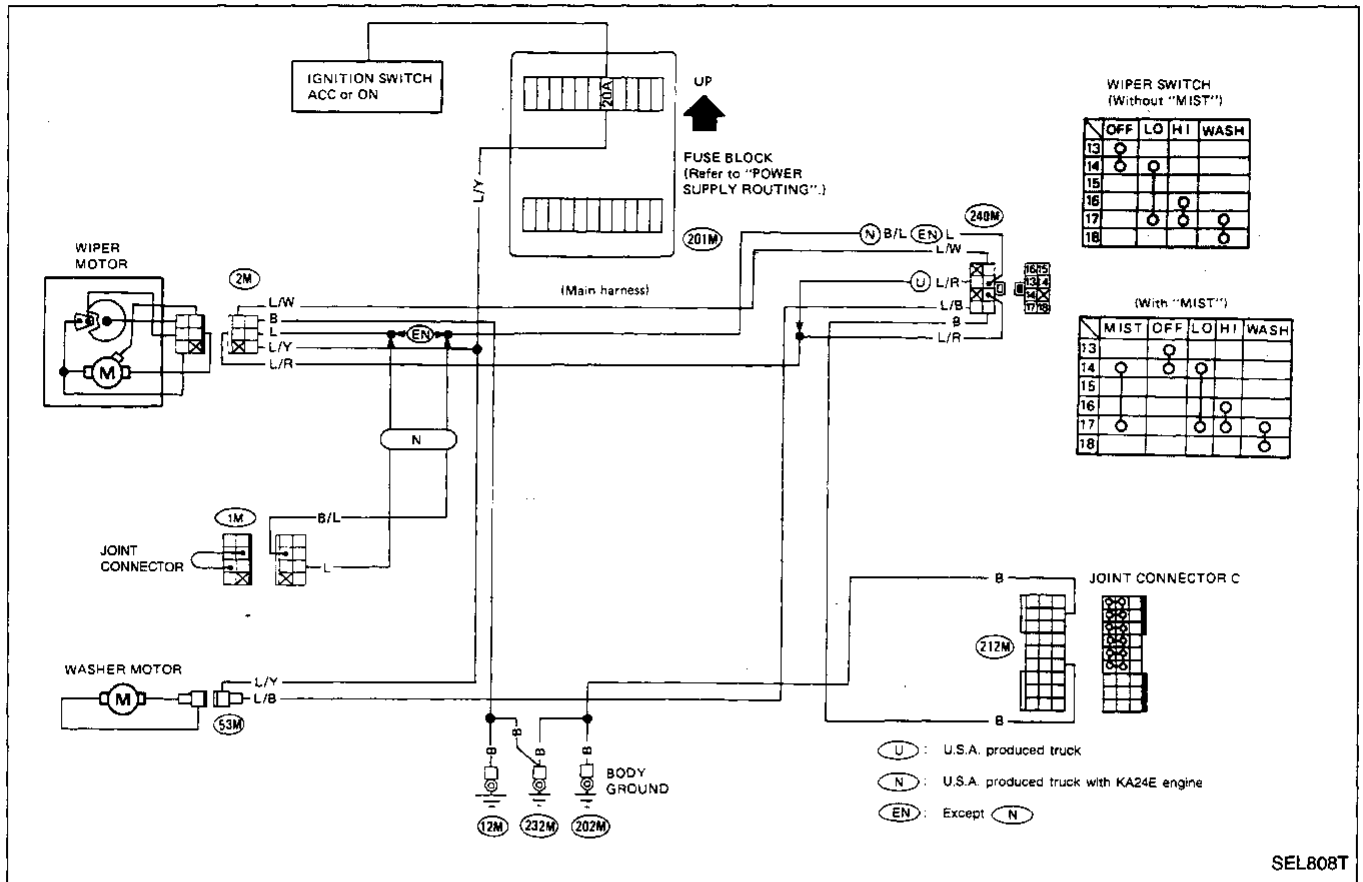
WARNING LAMPS AND CHIME

Warning Chime/Wiring Diagram

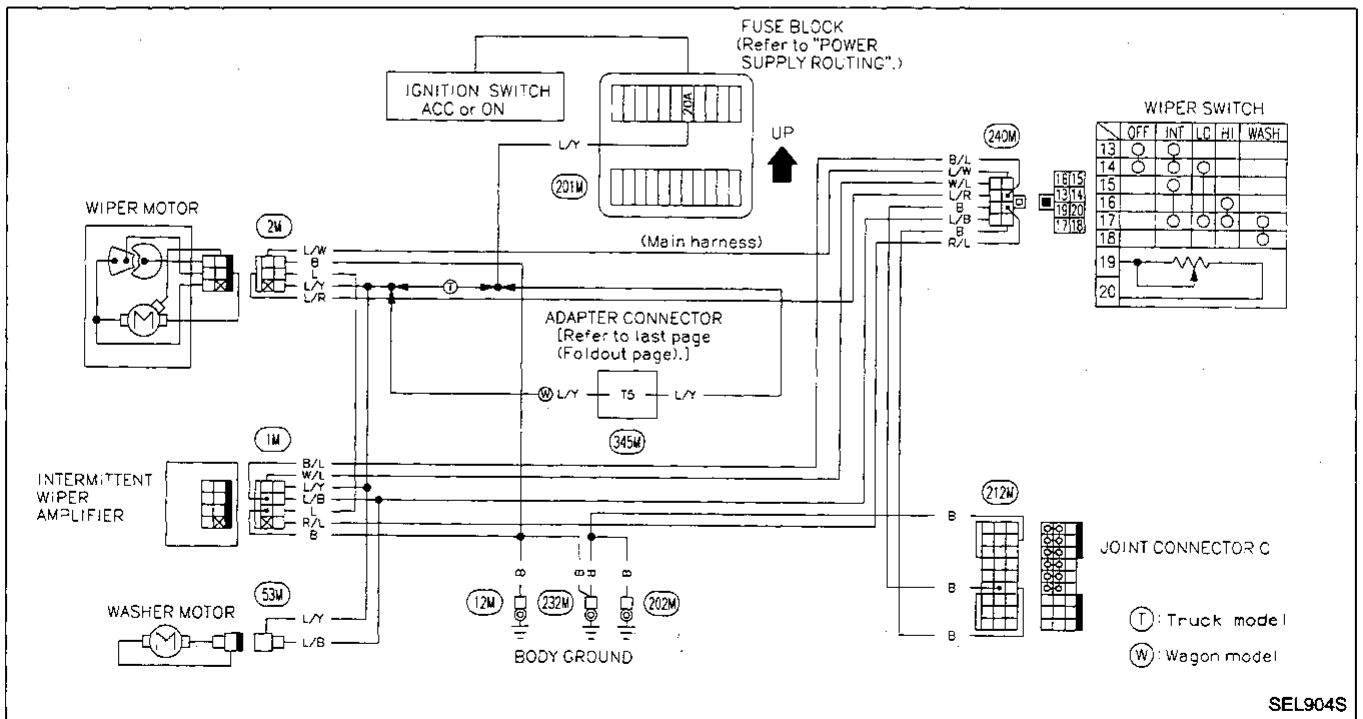


Front Wiper and Washer/Wiring Diagram

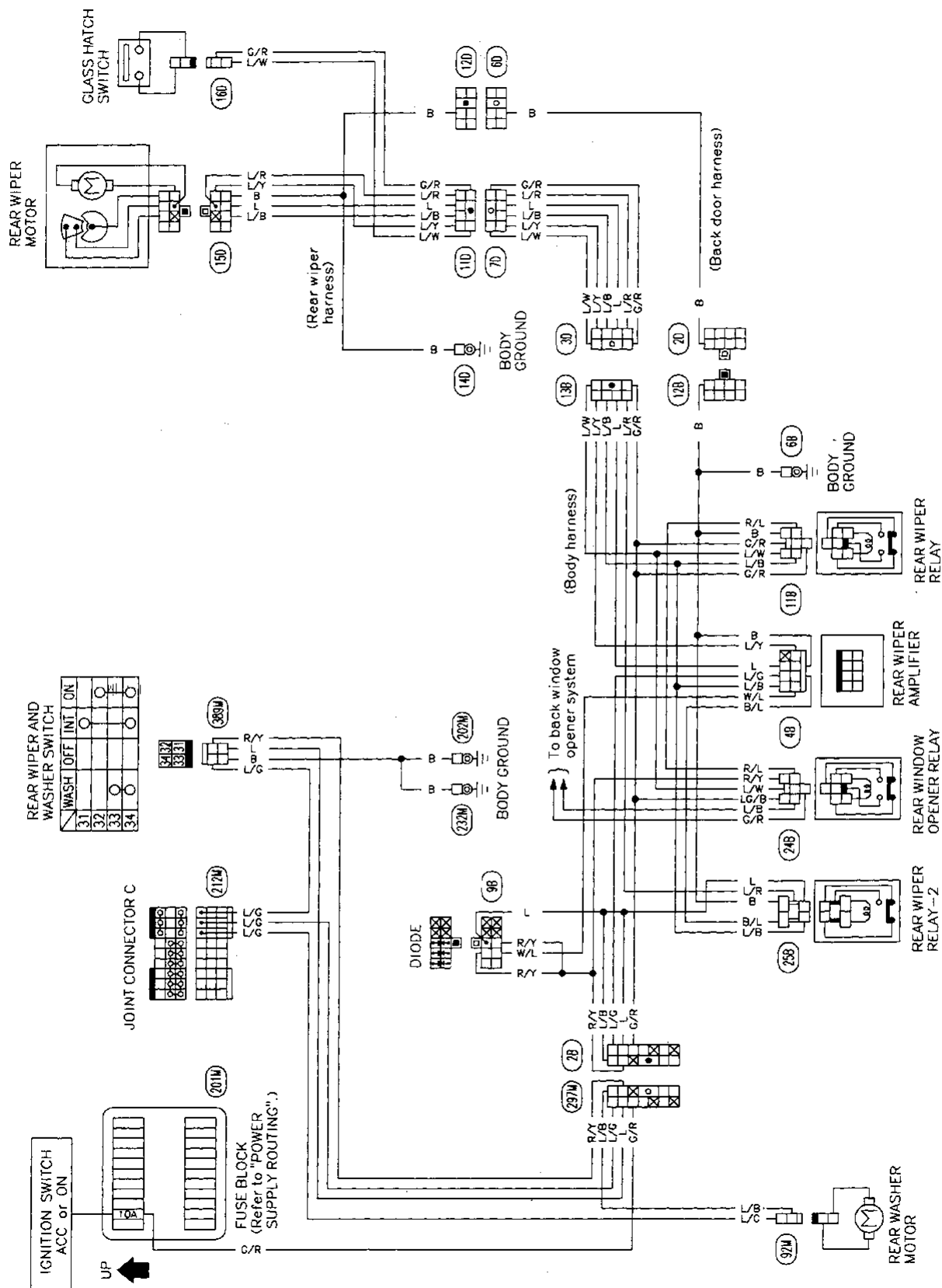
WITHOUT INTERMITTENT WIPER



WITH INTERMITTENT WIPER

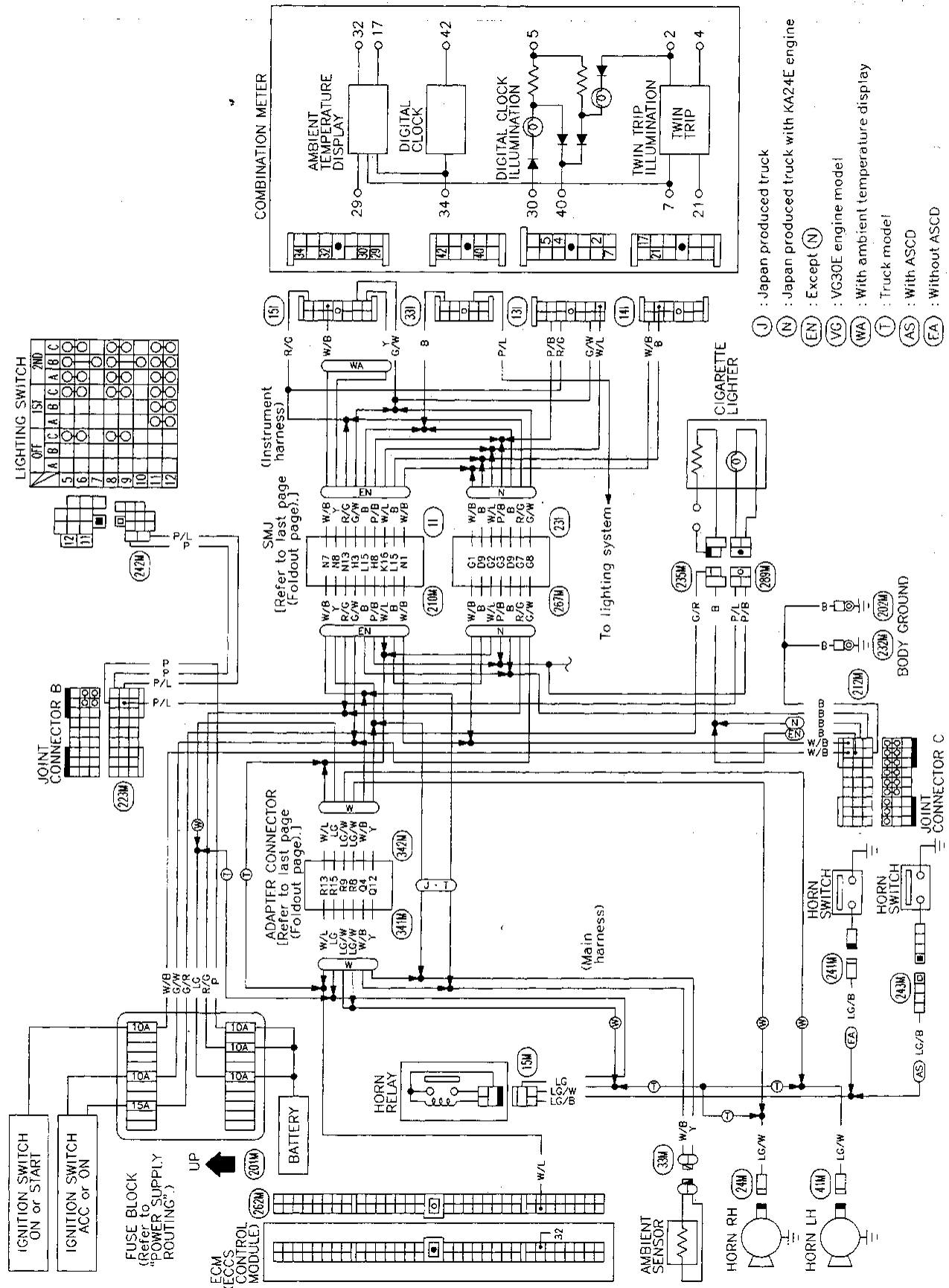


Rear Wiper and Washer/Wiring Diagram



HORN, CIGARETTE LIGHTER, CLOCK

Wiring Diagram

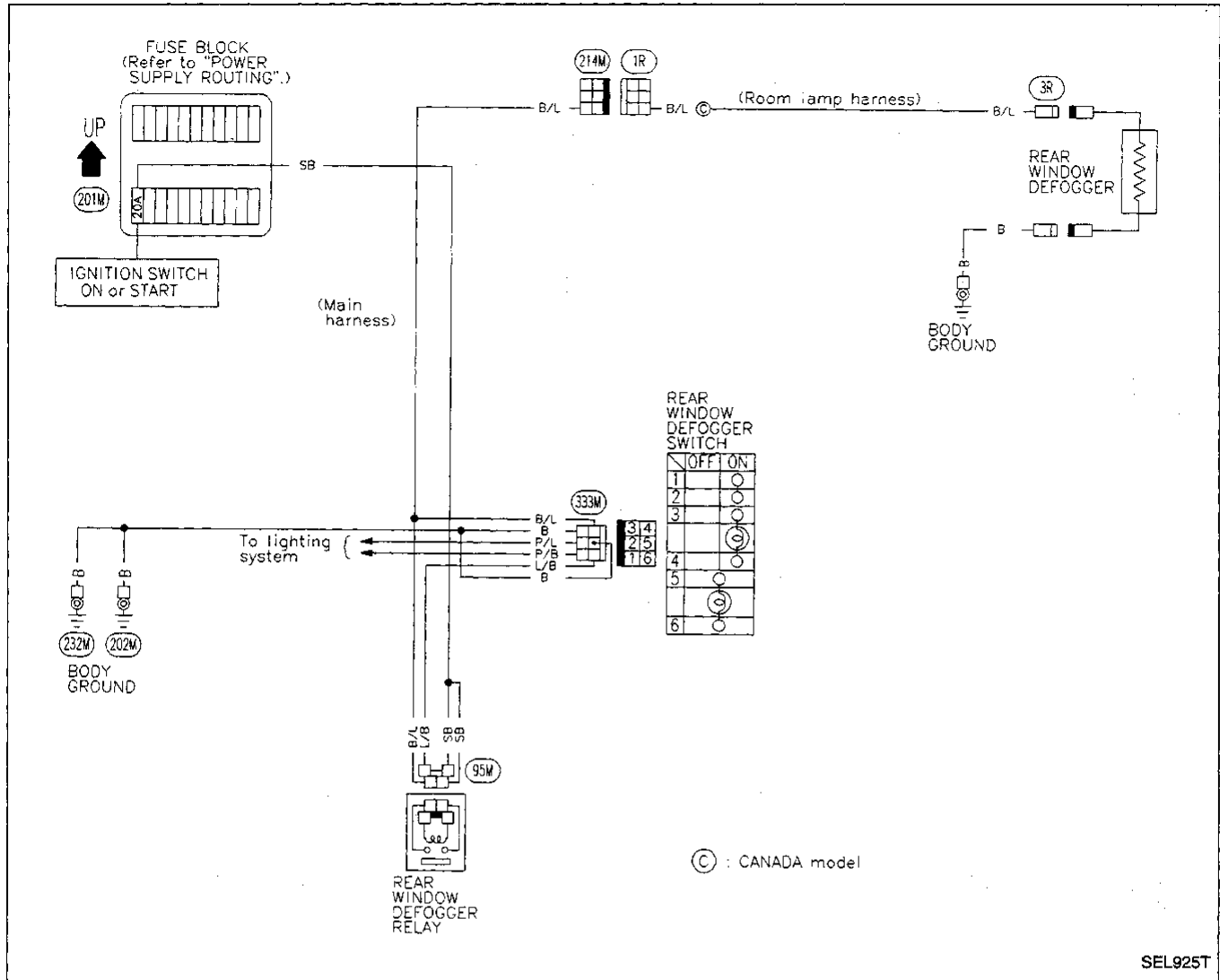


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REAR WINDOW DEFOGGER

Wiring Diagram

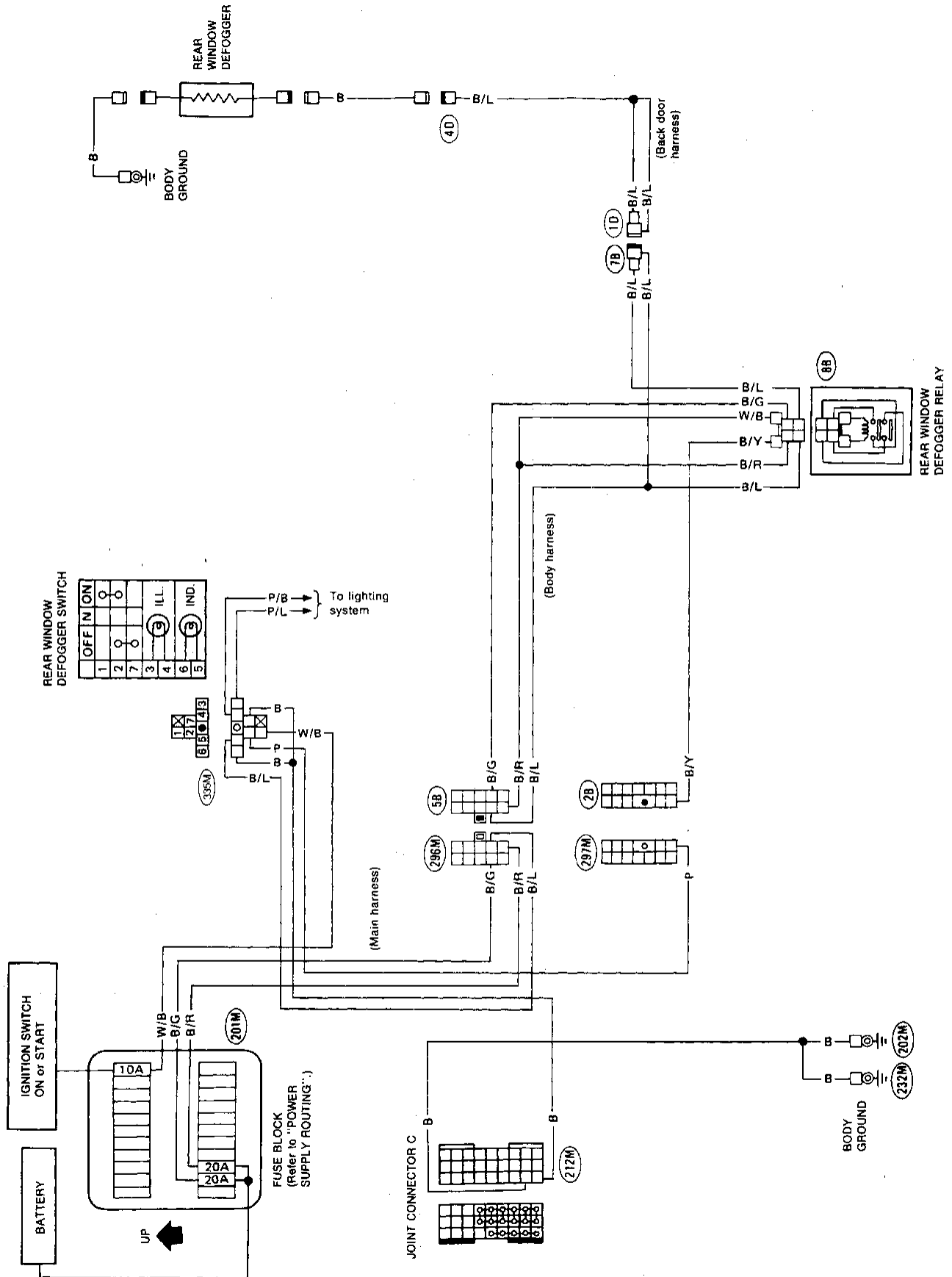
TRUCK MODEL



REAR WINDOW DEFOGGER

Wiring Diagram (Cont'd)

WAGON MODEL



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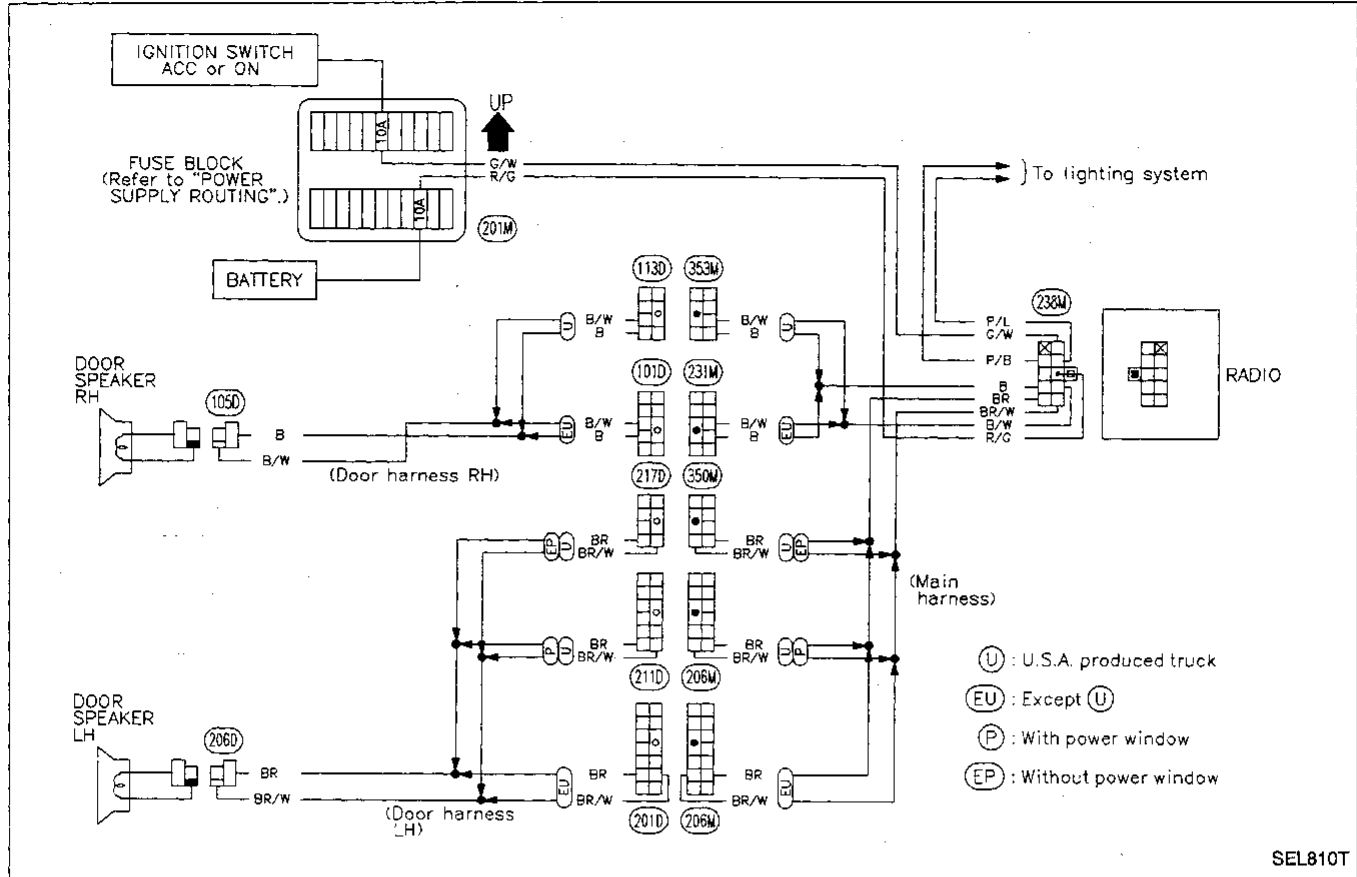
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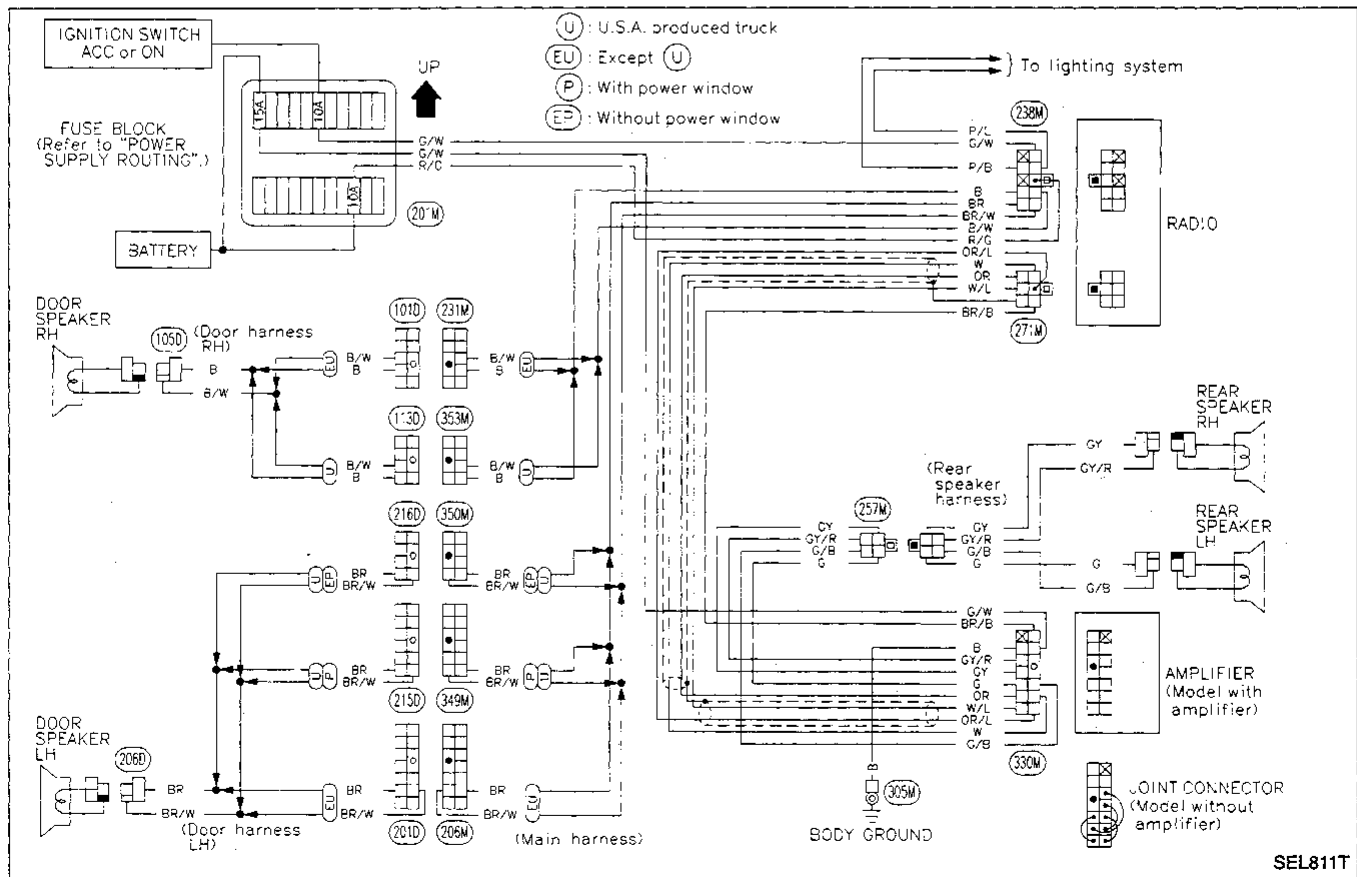
Audio/Wiring Diagram

2 SPEAKER TYPE



SEL810T

4 SPEAKER TYPE (VG30E engine model)

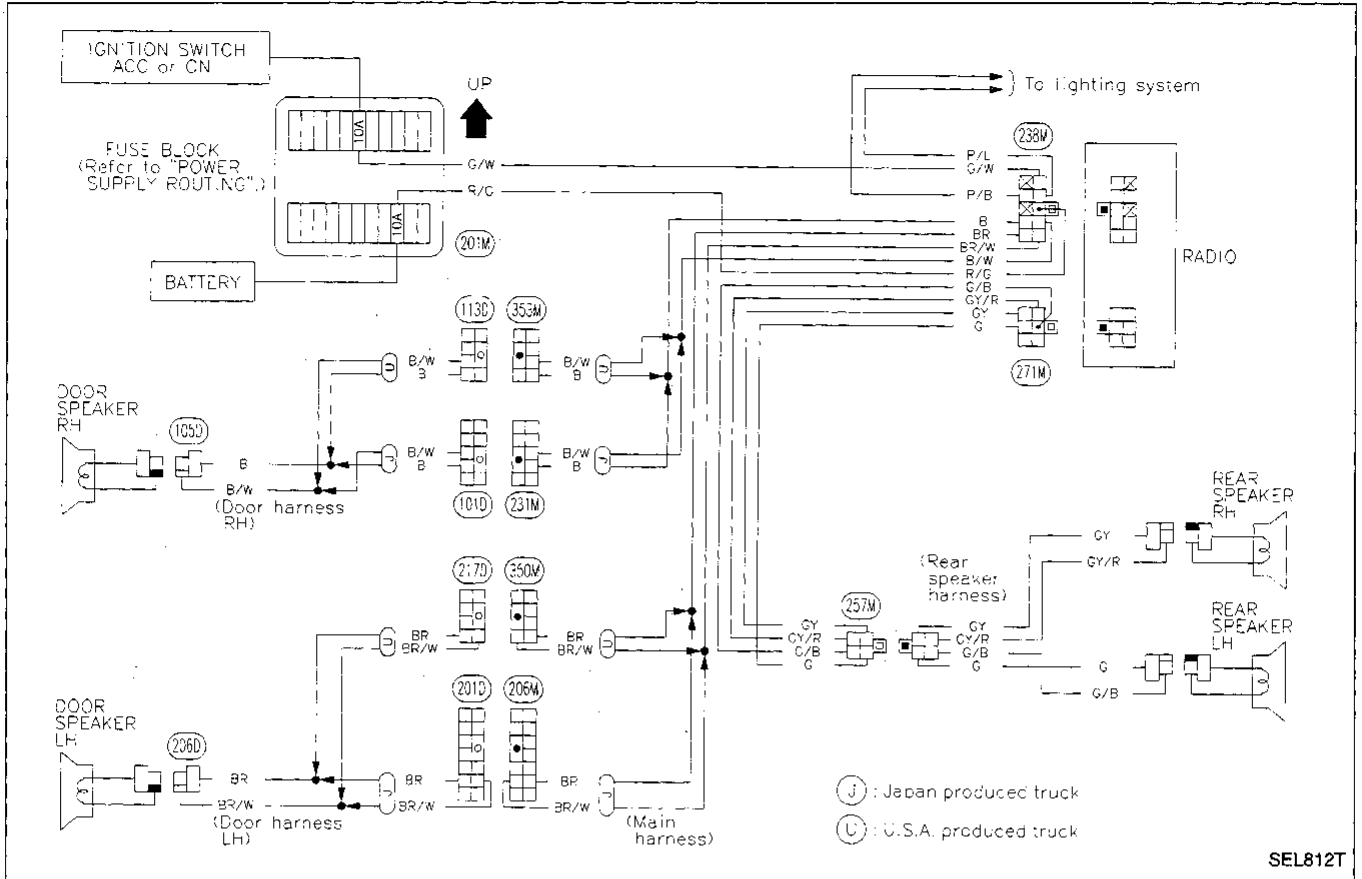


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AUDIO

Audio/Wiring Diagram (Cont'd)

4 SPEAKER TYPE (KA24E engine model)



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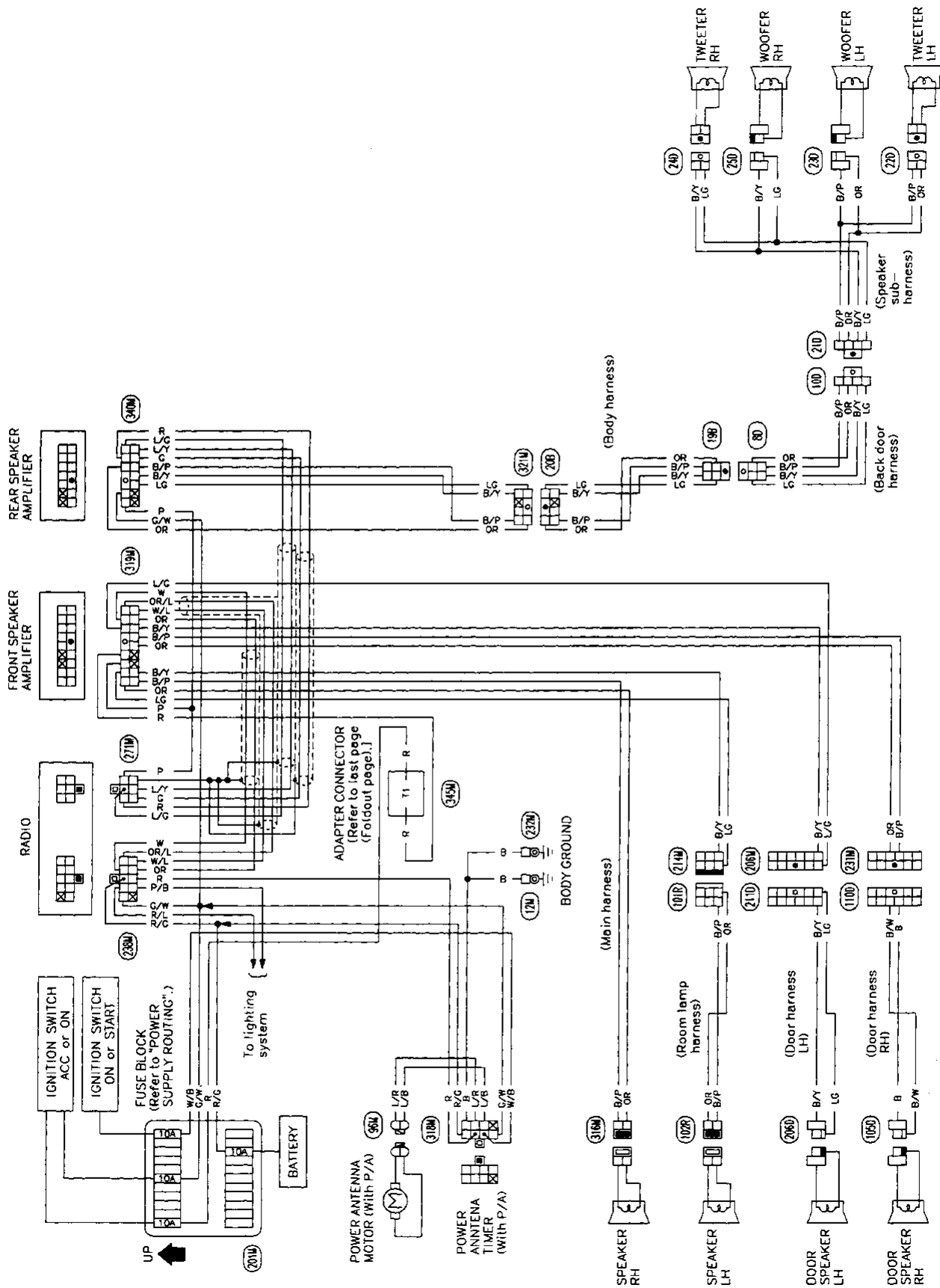
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AUDIO

Audio/Wiring Diagram (Cont'd)

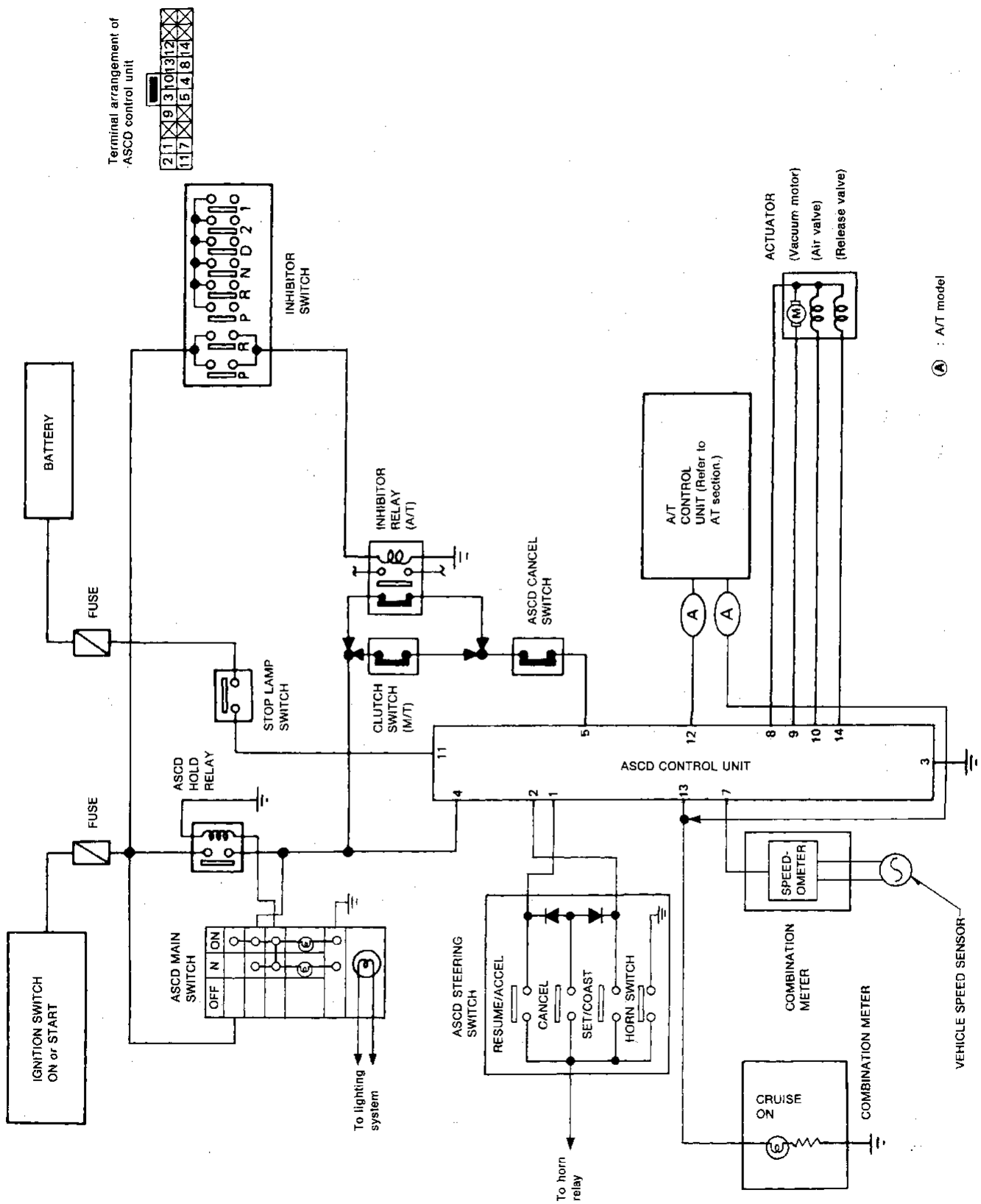
6 OR 8 SPEAKER TYPE



SEL908S

AUTOMATIC SPEED CONTROL DEVICE (ASCD)

Schematic



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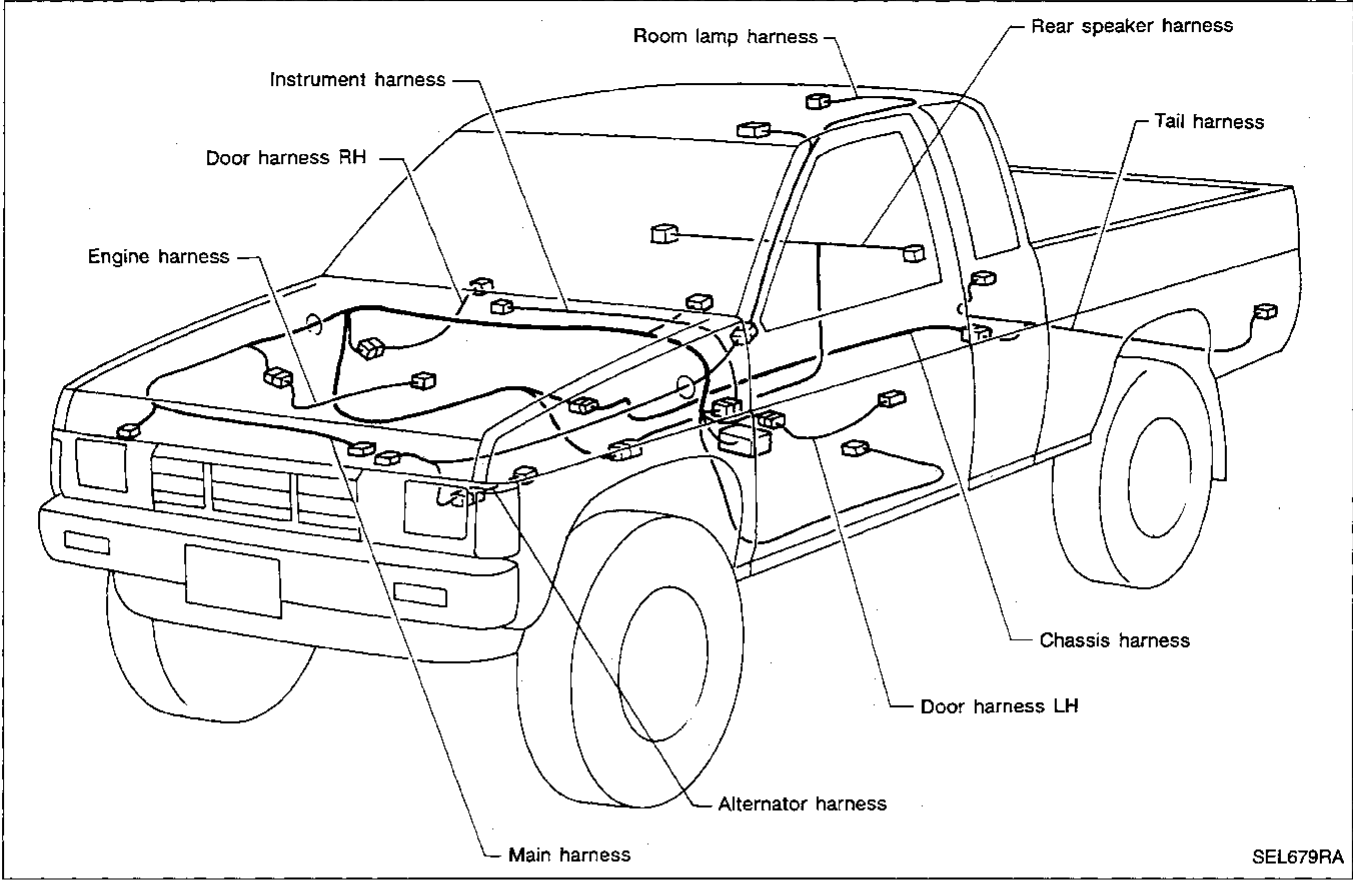
Wiring Diagram



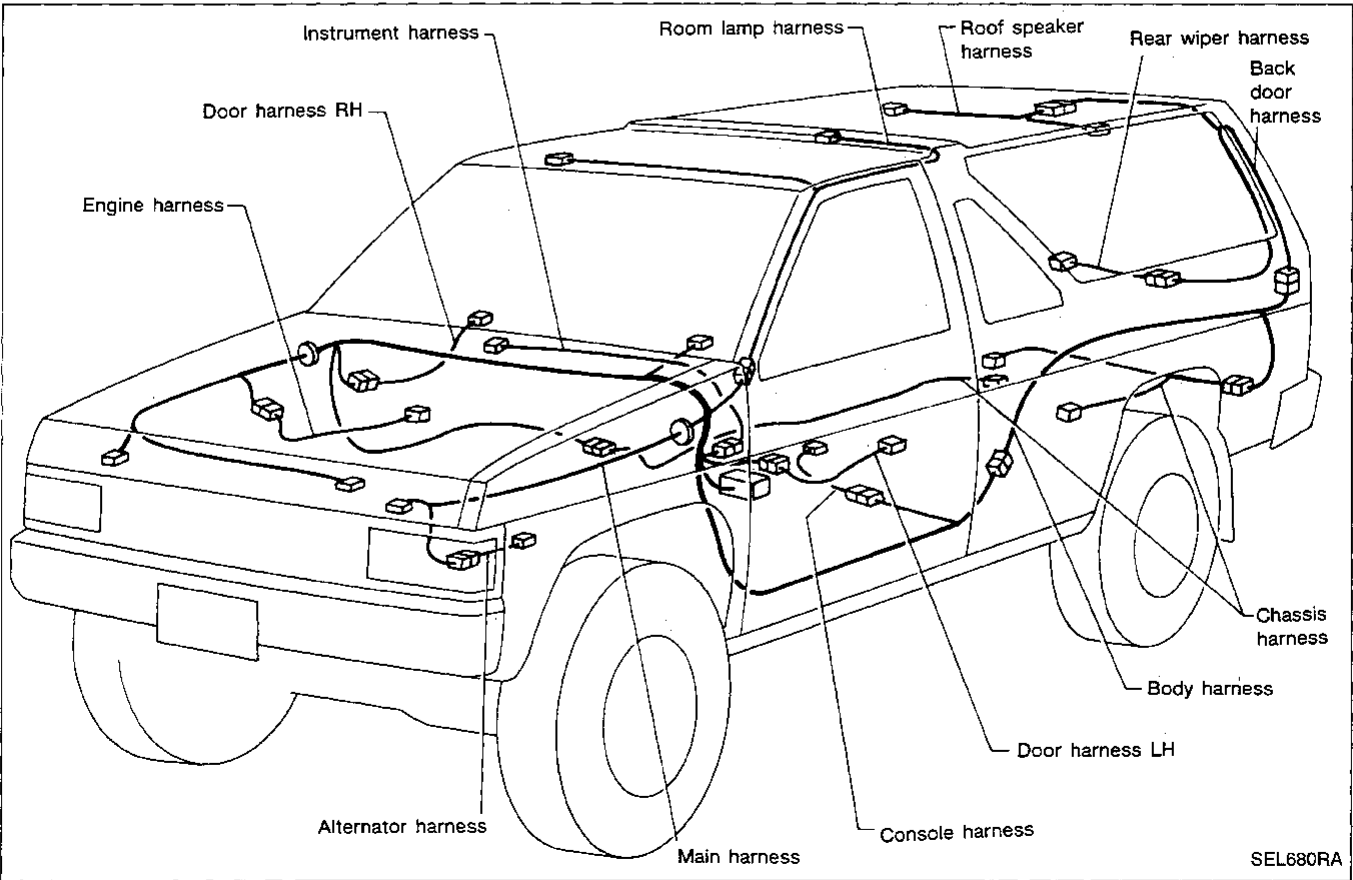
HARNESS LAYOUT

Outline

TRUCK MODEL



WAGON MODEL



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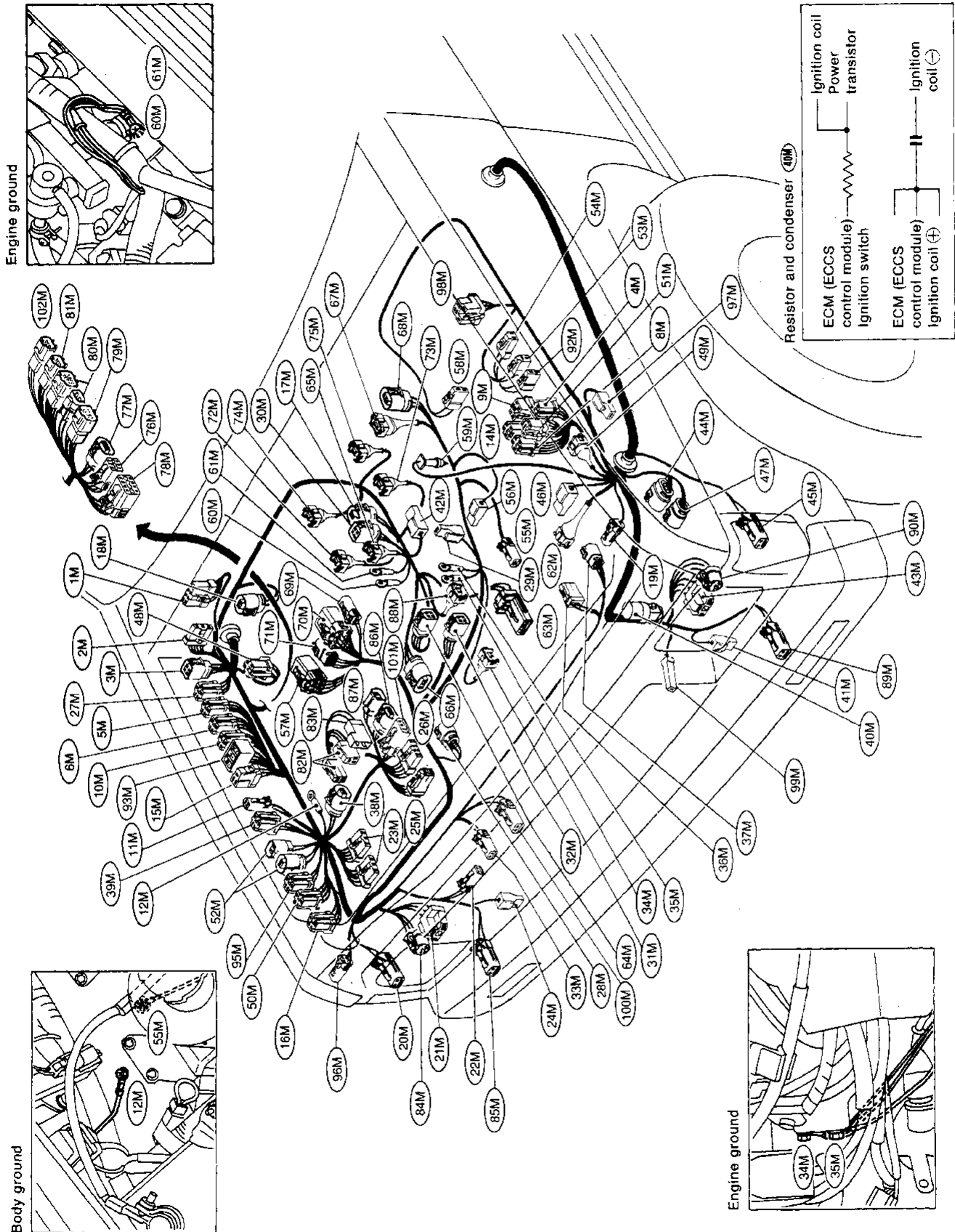
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HARNESS LAYOUT

Main Harness



HARNESS LAYOUT

Main Harness (Cont'd)

(1N)	Intermittent wiper amplifier or Joint connector	(48N)	Air conditioner relay	(93N)	Fuse block
(2N)	Wiper motor	(49N)	PAIRC-solenoid valve (KA24E engine model)	(94N)	Rear defogger relay (Truck)
(3N)	ASCD actuator (VG30E engine model)	(50N)	ASCD hold relay (VG30E engine model)	(95N)	Power antenna motor (Wagon)
(4N)	Park/Neutral position relay (VG30E engine A/T model)	(51N)	A/T indicator relay	(97N)	Ignition coil (KA24E engine model)
(5N)	Fuel pump relay	(52N)	(Truck A/T model with KA24E engine)	(98N)	Daytime light cancel relay (For Canada)
(6N)	ECCS relay	(53N)	Interlock relay (M/T model for U.S.A.)	(99N)	To fog lamp (VG30E engine Truck model)
(7N)	Inhibitor relay (VG30E engine A/T model without ASCD)	(54N)	Washer motor	(100N)	Ambient sensor (VG30E engine model)
(8N)	Inhibitor relay (VG30E engine A/T model with ASCD)	(55N)	Washer level switch (For Canada)	(101N)	To (74E) (KA24E engine)
(9N)	Bulb check relay	(56N)	Compressor (VG30E engine model)	(102N)	Truck 2-door model
(10N)	Dropping resistor (VG30E engine A/T model)	(57N)	Distributor (VG30E engine model)		Revolution sensor (VG30E A/T model)
(11N)	Body ground	(58N)	To (104E) (VG30E engine model)		
(12N)	Interlock emergency relay (4WD M/T model for U.S.A.)	(59N)	Brake fluid level switch		
(13N)	Horn relay	(60N)	Heated oxygen sensor (KA24E engine model)		
(14N)	Park/Neutral position relay (KA24E engine A/T model)	(61N)	Engine ground (KA24E engine model)		
(15N)	EGR temperature sensor (KA24E engine model)	(62N)	Engine ground (KA24E engine model)		
(16N)	Intake air temperature sensor (KA24E engine model)	(63N)	Mass air flow sensor (VG30E engine model)		
(17N)	Compressor (KA24E engine model)	(64N)	Mass air flow sensor (KA24E engine model)		
(18N)	Clearance lamp RH	(65N)	IACV-AAC, FICD valve (KA24E engine model)		
(19N)	Headlamp RH (Truck)	(66N)	Engine coolant temperature sensor (KA24E engine model)		
(20N)	Low-pressure switch	(67N)	Throttle position sensor (KA24E engine model)		
(21N)	Daytime light control unit (For Canada)	(68N)	Closed throttle position switch (VG30E engine model)		
(22N)	Horn RH	(69N)	Throttle position sensor (VG30E engine model)		
(23N)	To (38E) (KA24E engine A/T model)	(70N)	To (103E) (VG30E engine model)		
(24N)	To (38E) (KA24E engine model)	(71N)	To (101E) (VG30E engine model)		
(25N)	Blower relay	(72N)	To (102E) (VG30E engine model)		
(26N)	Power steering oil pressure switch (VG30E engine model)	(73N)	Injector solenoid (KA24E engine model)		
(27N)	Thermal transmitter (VG30E engine model)	(74N)	Injector solenoid (KA24E engine model)		
(28N)	Camshaft position sensor (KA24E engine model)	(75N)	Injector solenoid (KA24E engine model)		
(29N)	Camshaft position sensor (VG30E engine model)	(76N)	Injector solenoid (KA24E engine model)		
(30N)	Cylinder head temperature sensor (VG30E engine model)	(77N)	To (1E) (VG30E engine A/T model)		
(31N)	Ambient sensor (Wagon)	(78N)	Heated oxygen sensor (Truck VG30E engine model)		
(32N)	Engine ground (VG30E engine model)	(79N)	To (5E) (VG30E engine M/T model)		
(33N)	Engine ground (VG30E engine model)	(80N)	To sub-harness (VG30E engine A/T model)		
(34N)	To (33E) (VG30E engine model)	(81N)	Inhibitor switch (A/T model)		
(35N)	To (32E) (VG30E engine model)	(82N)	Solenoid unit (KA24E engine A/T model)		
(36N)	To (37E) (KA24E engine model)	(83N)	Fusible link		
(37N)	Auto amplifier relay (Wagon)	(84N)	Fusible link (VG30E engine model)		
(38N)	Resistor & condenser (KA24E engine model)	(85N)	Headlamp RH (Wagon)		
(39N)	Horn LH	(86N)	Front turn signal lamp RH		
(40N)	Thermal transmitter (KA24E engine model)	(87N)	To (23E) (Wagon)		
(41N)	Headlamp LH (Truck)	(88N)	To (22E) (VG30E engine model)		
(42N)	Power transistor (KA24E engine model)	(89N)	EGRC-solenoid valve (KA24E engine model)		
(43N)	Clearance lamp LH	(90N)	Front turn signal lamp LH		
(44N)	Distributor (KA24E engine model)	(91N)	Headlamp LH (Wagon)		
(45N)	Ignition coil (KA24E engine model)	(92N)	Rear washer motor (Wagon)		

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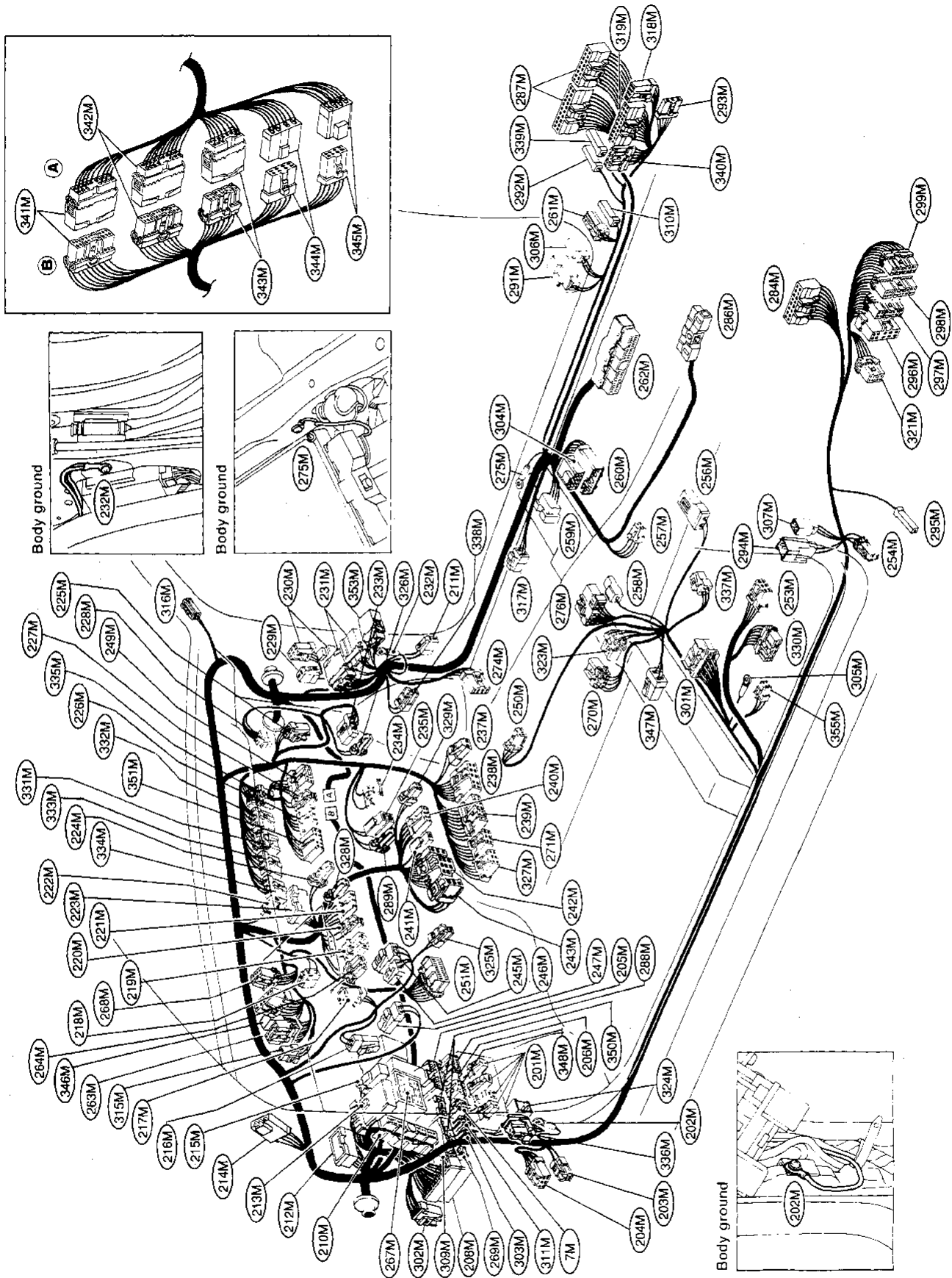
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HARNESS LAYOUT

Main Harness (Cont'd)



HARNESS LAYOUT

Main Harness (Cont'd)

201M	Fuse block	240M	ASCD steering switch (VG30E engine model)	304M	To 17E (4WD model)
202M	Body ground	245M	ASCD cancel switch (VG30E engine model)	305M	Body ground
203M	Warning chime	246M	Stop lamp switch	306M	To 301D (Wagon)
204M	Seat belt timer	247M	ASCD clutch switch (VG30E engine M/T model)	307M	To 401D (Wagon)
205M	Diode (VG30E engine model)	248M	Air conditioner sub-harness (Wagon)	308M	To 212D (Wagon)
206M	To 201D (Japan produced truck)	249M	Overdrive control switch and A/T indicator lamp (Floor shift A/T model)	309M	Door switch RH
207M	To 211D (Wagon)	250M	ASCD control unit (VG30E engine Truck model)	310M	(Truck 4WD model for Canada)
208M	Check connector	251M	Door lock timer (VG30E engine Truck model)	311M	Ignition relay No. 2
209M	To 11 (SMJ) (VG30E engine model, U.S.A. produced truck with KA24E engine)	252M	Door switch LH	312M	(Truck 2WD model with power windows)
210M	Circuit breaker (VG30E engine model)	253M	Seat belt switch	313M	Ignition relay No. 2
211M	Joint connector C	254M	To rear speaker harness (VG30E engine Truck model)	314M	(With power window)
212M	Diode (KA24E engine model)	255M	Parking brake switch (Center lever type)	315M	Diode (For Canada)
213M	To 1R (Truck)	256M	Joint connector A	316M	Speaker RH (Wagon with 6-speaker or 8-speaker)
214M	To 191R (Wagon)	257M	To 1E (Truck)	317M	Seat heater (Wagon)
215M	Diode (VG30E engine A/T model)	258M	Door switch RH (Wagon)	318M	Power antenna timer (Wagon)
216M	Clutch interlock switch (M/T model for U.S.A.)	259M	ECM (ECCS control module)	319M	Front speaker amplifier (Wagon)
217M	Combination flasher unit	260M	Shift lock unit (A/T model)	320M	To 28B (Wagon)
218M	Kickdown switch (VG30E engine A/T model)	261M	Key solenoid (VG30E engine Truck A/T model)	321M	Heated seat
219M	A/T indicator illumination (KA24E engine column shift model)	262M	To 23 (Japan produced truck with KA24E engine)		
220M	Key-in switch	263M	Shift lock solenoid (Column shift A/T truck)		
221M	Ignition switch	264M	To 213D (Wagon)		
222M	Parking brake switch (Stick type)(Truck)	265M	Shift lock solenoid (Floor shift A/T truck)		
223M	Joint connector B	266M	Radio (with 4-speakers)		
224M	Overdrive control switch (KA24E engine model)	267M	Power window amplifier (VG30E engine model)		
225M	Air conditioner switch (Japan produced truck)	268M	Body ground		
226M	Fan switch	269M	To console harness (VG30E engine Wagon model)		
227M	Heater illumination	270M	Heating seat (VG30E engine Wagon model)		
228M	Thermo control amplifier	271M	ASCD control unit (VG30E engine Wagon model)		
229M	Blower motor	272M	A/T control unit (VG30E engine Truck A/T model)		
230M	To 102D (VG30E engine Truck model)	273M	A/T control unit (VG30E engine A/T model)		
231M	To 111D (Wagon)	274M	To 202D (Japan produced truck with VG30E engine)		
232M	To 101D (Japan produced truck)	275M	Cigarette lighter illumination		
233M	To 110D (Wagon)	276M	To 302D (Wagon)		
234M	Body ground	277M	Door switch (Wagon)		
235M	Resistor	278M	Rear combination lamp (Wagon)		
236M	Ash tray illumination	279M	To 402D (Wagon)		
237M	Cigarette lighter	280M	Door switch (Wagon)		
238M	Audio illumination (Wagon)	281M	To 5B (Wagon)		
239M	Radio	282M	To 7B (Wagon)		
240M	Amplifier (Wagon)	283M	To 3B (Wagon)		
241M	Wiper switch	284M	To 22D (Wagon)		
242M	Horn switch	285M	R-ABS control unit		
243M	Lighting switch	286M	Check connector (For R-ABS)		
		287M	Ignition relay No. 2 (Without power window)		

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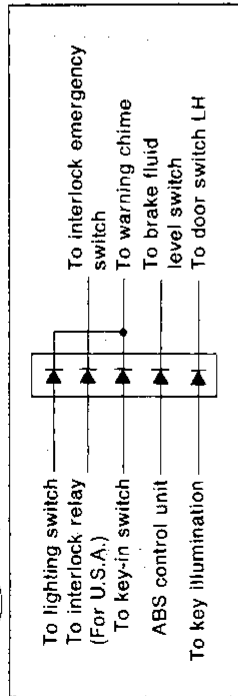
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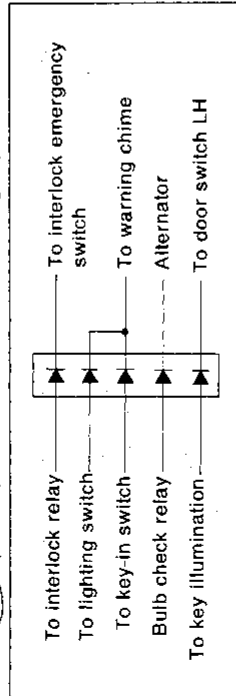
HARNESS LAYOUT

Main Harness (Cont'd)

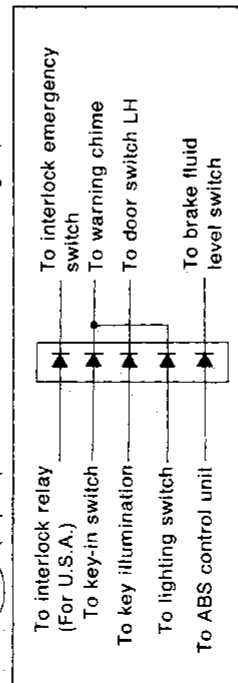
Diode (205M) (Japan produced truck with VG30E engine)



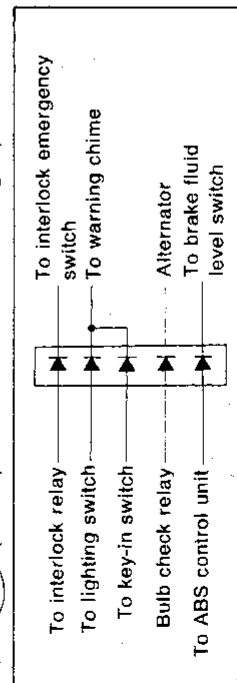
Diode (205M) (U.S.A. produced truck with VG30E engine)



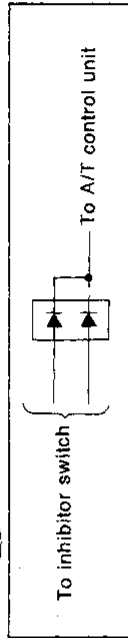
Diode (213M) (Japan produced truck with KA24E engine)



Diode (213M) (U.S.A. produced truck with KA24E engine)

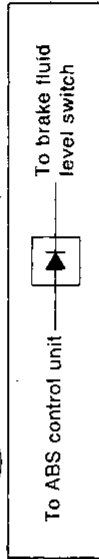


Diode (215M) (VG30E engine model)



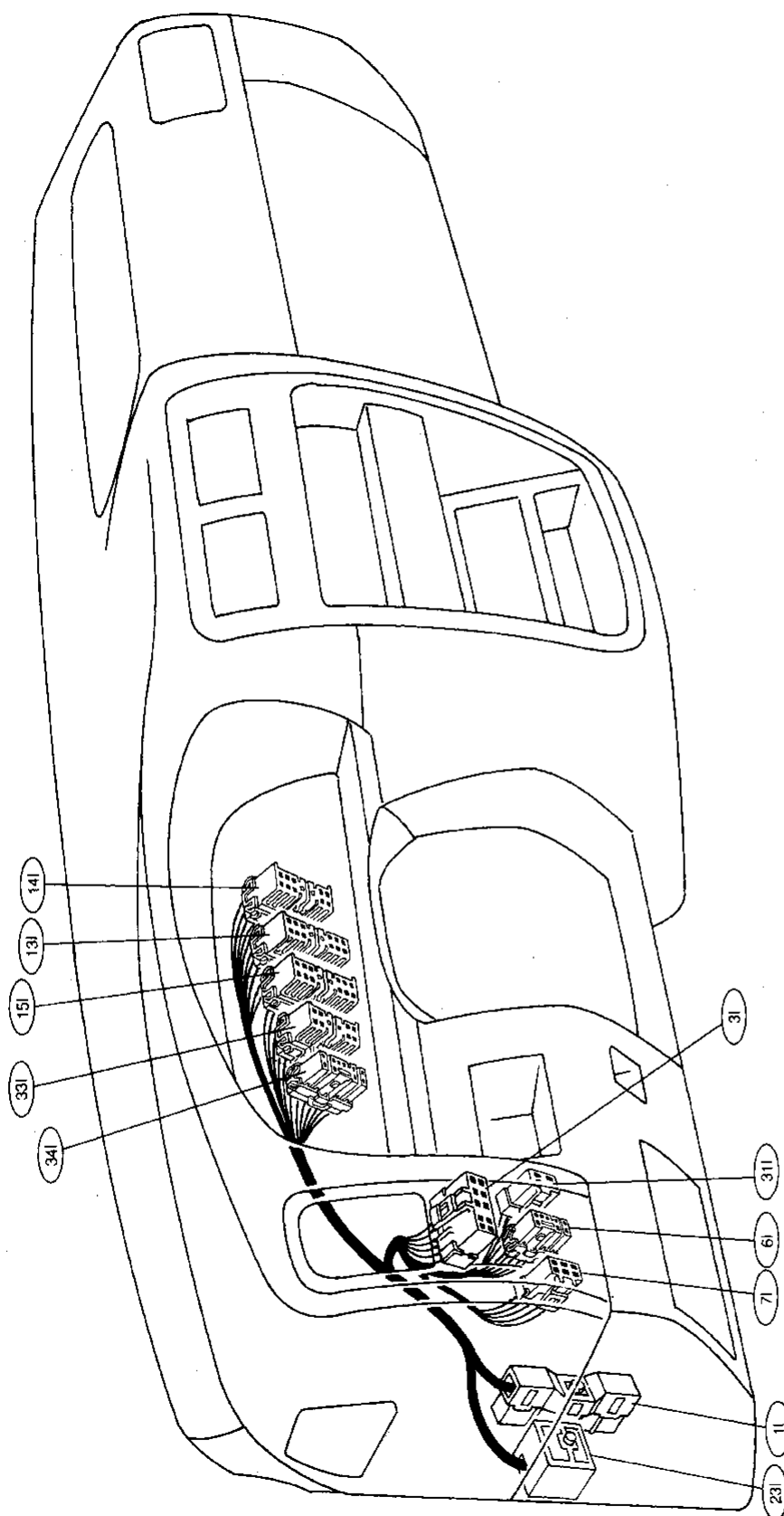
(For A/T control system)

Diode (346M) (Truck model with ABS)



- 323M : To console harness (Wagon)
- 324M : To 203D (Japan produced truck with VG30E engine)
- 325M : Foot lamp LH (Wagon)
- 326M : Glove box lamp
- 327M : Audio amplifier (Wagon)
- 328M : Key illumination
- 329M : Rear wiper switch (Wagon)
- 330M : Audio amplifier or Joint connector (VG30E engine Truck model)
- 331M : Illumination control rheostat
- 332M : Hazard switch
- 333M : Rear defogger switch (Truck)
- 334M : Front fog lamp switch (VG30E engine Truck 4WD model)
- 335M : Rear defogger switch (Wagon)
- 336M : Key reminder relay
- 337M : To console harness (VG30E engine Truck model)
- 338M : Foot lamp RH (Wagon)
- 339M : Rear door switch RH (Wagon)
- 340M : Rear speaker amplifier (Wagon)
- 341M : Adapter connector-1
- 342M : Adapter connector-2
- 343M : Adapter connector-3
- 344M : Adapter connector-4
- 345M : Adapter connector-5
- 346M : Diode (Truck model with ABS)
- 347M : Fog lamp relay
- 348M : To 215D (U.S.A. produced truck)
- 349M : To 217D (U.S.A. produced truck with VG30E engine)
- 350M : Air conditioner switch (U.S.A. produced truck)
- 351M : To 113D (U.S.A. produced truck)
- 353M :

Instrument Harness



- | | | | | | |
|------|---|--|------|---|--|
| (11) | : | To (210M) (SMJ) (VG30E engine model and U.S.A. produced truck with KA24E engine) | (14) | : | Combination meter |
| (12) | : | Remote control mirror switch | (15) | : | Combination meter |
| (13) | : | A/T mode switch (VG30E engine A/T model) | (23) | : | To (287M) (SMJ) (Japan produced truck with KA24E engine) |
| (14) | : | ASCD switch (Wagon and VG30E engine Truck SE model) | (31) | : | Interlock emergency switch (Wagon M/T model and 4WD Truck M/T model) |
| (15) | : | Combination meter | (33) | : | Combination meter |
| | | | (34) | : | Combination meter |

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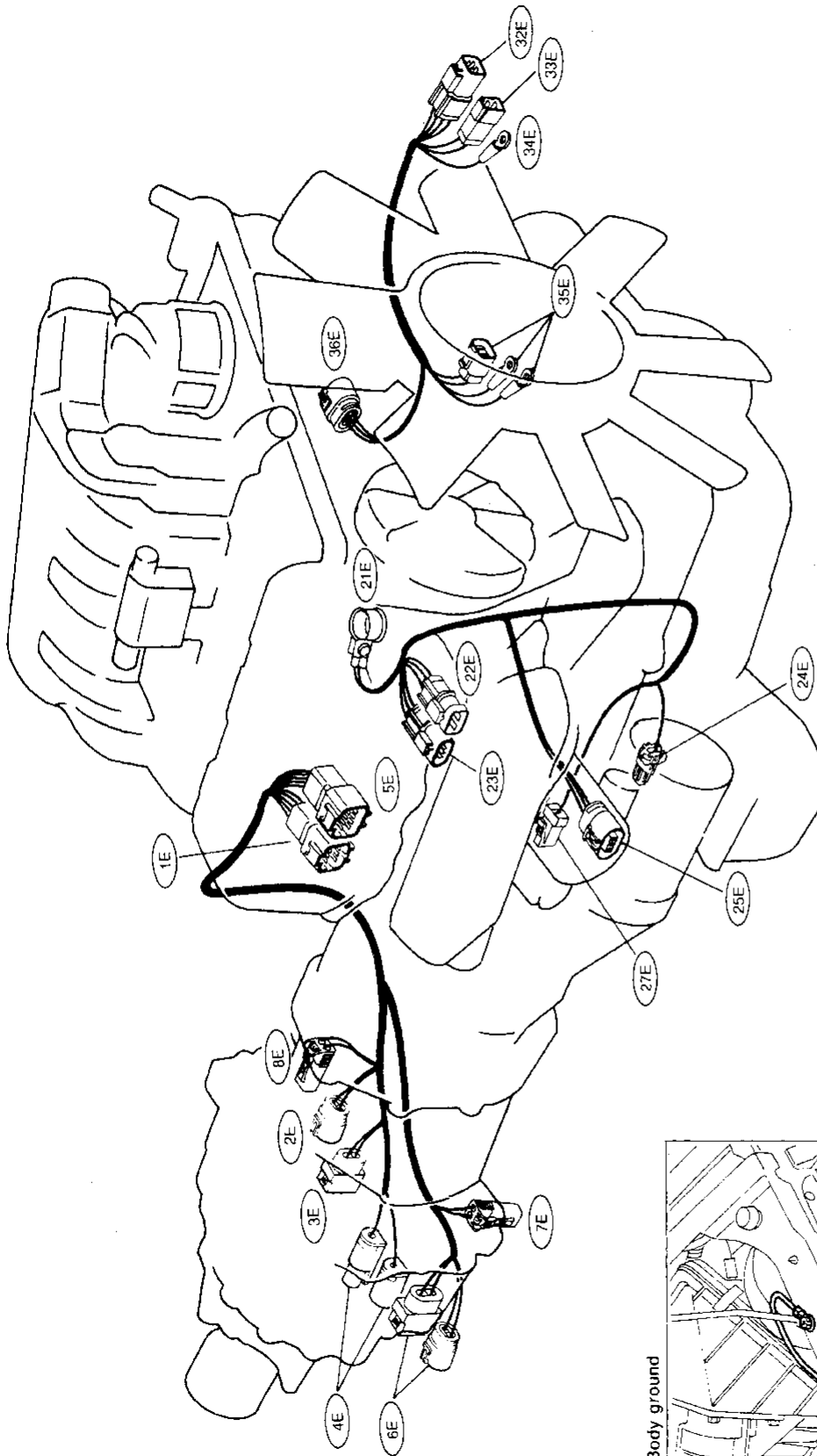
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HARNESS LAYOUT

Engine Harness

VG30E ENGINE



Alternator harness

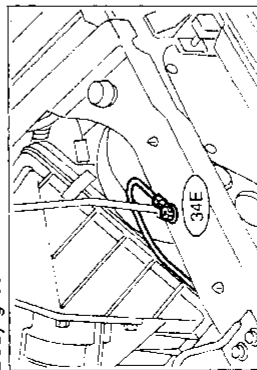
32E : To 37M
 33E : To 36M
 34E : Body ground
 35E : Alternator
 36E : Front shock absorber LH (Wagon)

Battery cable

21E : Battery
 22E : To 37M
 23E : To 36M (Wagon SE model)
 24E : Starter motor
 25E : Front shock absorber RH (Wagon SE model)
 27E : Oil pressure switch

1E : To 76M (M/T model)
 2E : Back-up lamp switch (M/T model)
 3E : Neutral position switch (M/T model)
 4E : Transfer switch (4WD M/T model)
 5E : To 76M (4WD A/T model)
 6E : Transfer switch (4WD A/T model)
 7E : Vehicle speed sensor (A/T model)
 8E : Vehicle speed sensor (M/T model)

Body ground

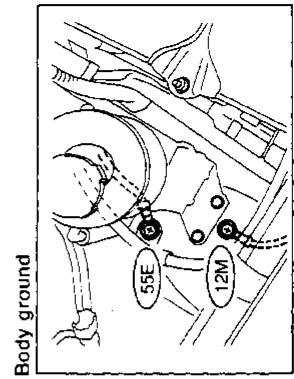
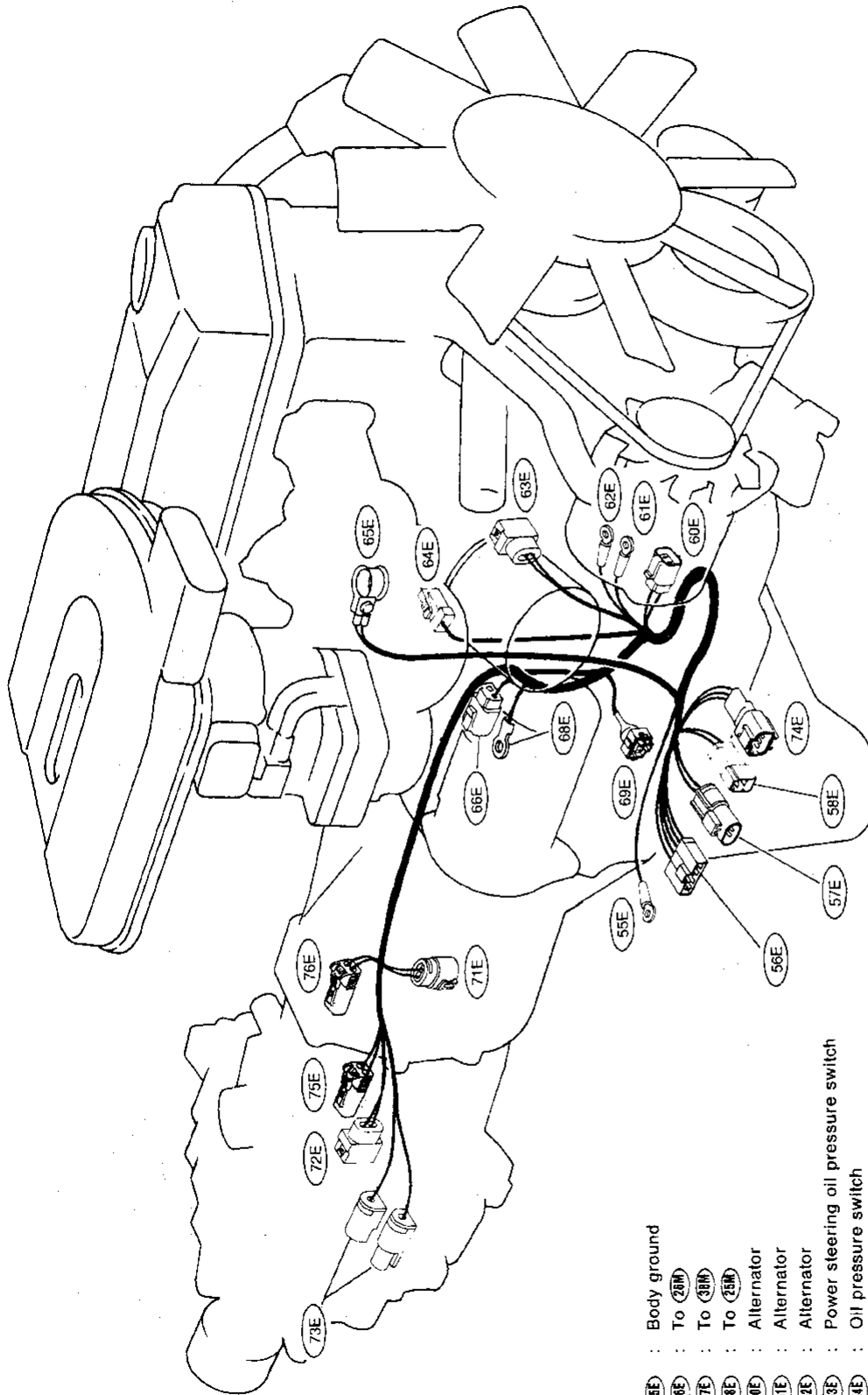


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HARNESS LAYOUT

Engine Harness (Cont'd)

KA24E ENGINE



- 55E : Body ground
- 56E : To 26M
- 57E : To 38M
- 58E : To 25M
- 60E : Alternator
- 61E : Alternator
- 62E : Alternator
- 63E : Power steering oil pressure switch
- 64E : Oil pressure switch
- 65E : Battery
- 66E : Starter motor
- 68E : Starter motor
- 69E : SCV control solenoid valve
- 70E : Back-up lamp switch (M/T model)
- 71E : Neutral position switch (M/T model)
- 72E : Transfer switch (4WD M/T model)
- 73E : To 101M
- 74E : Vehicle speed sensor (M/T model)
- 75E : Vehicle speed sensor (2WD A/T model)
- 76E : Vehicle speed sensor (2WD A/T model)

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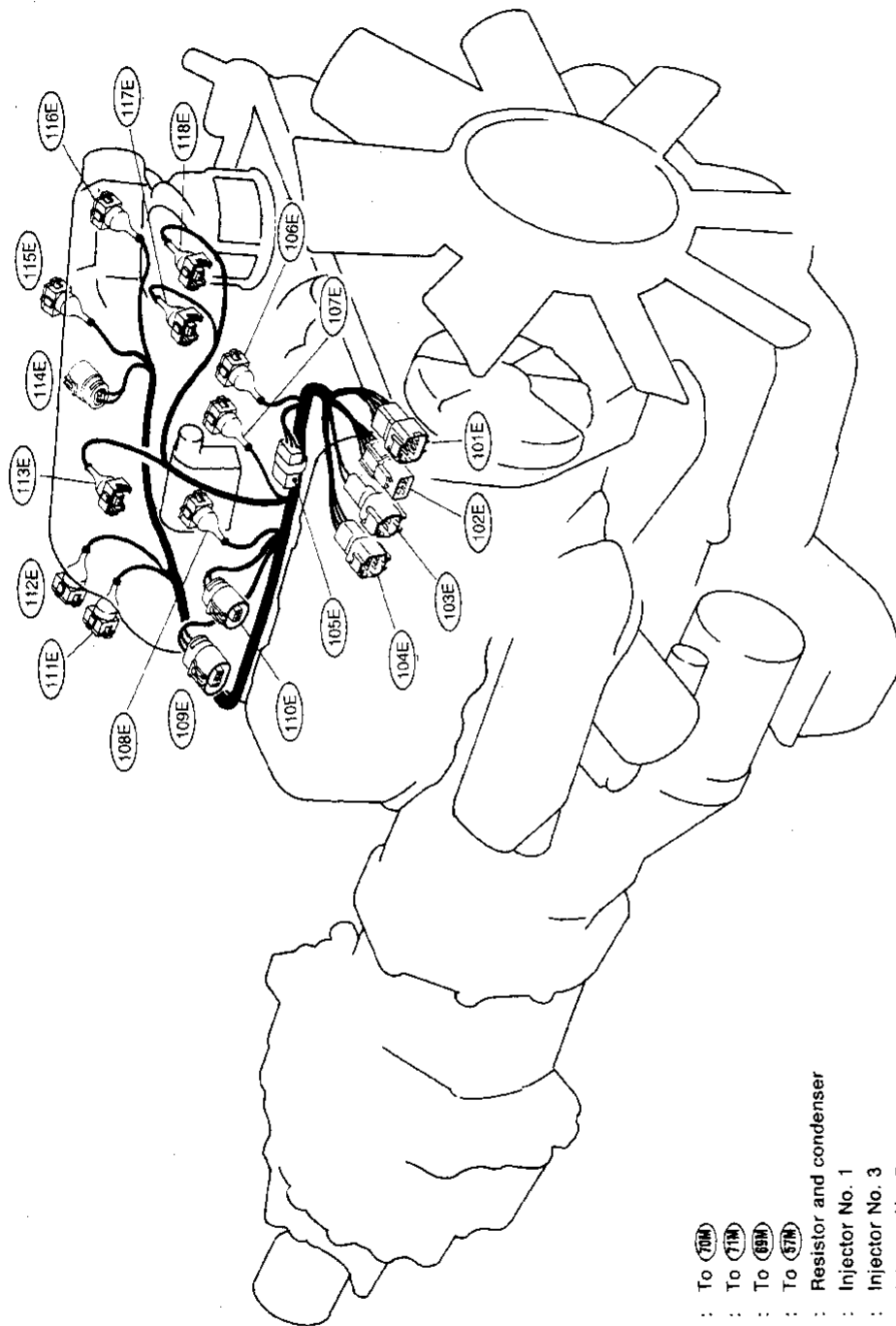
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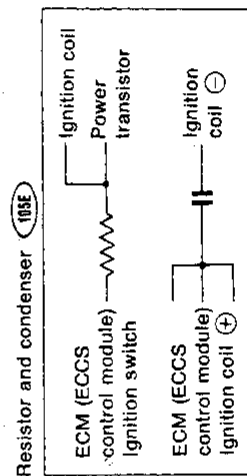
HARNESS LAYOUT

Engine Control Harness

VG30E ENGINE



101E	: To 70M
102E	: To 71M
103E	: To 69M
104E	: To 67M
105E	: Resistor and condenser
106E	: Injector No. 1
107E	: Injector No. 3
108E	: Injector No. 5
109E	: Power transistor
110E	: Ignition coil
111E	: Knock sensor
112E	: IACV-AAC valve
113E	: Injector No. 6
114E	: EGR temperature sensor (For California)
115E	: IACV-air regulator
116E	: EGRC-solenoid valve
117E	: Injector No. 4
118E	: Injector No. 2



HARNESS LAYOUT

Engine Control Harness (Cont'd)

WAGON MODEL

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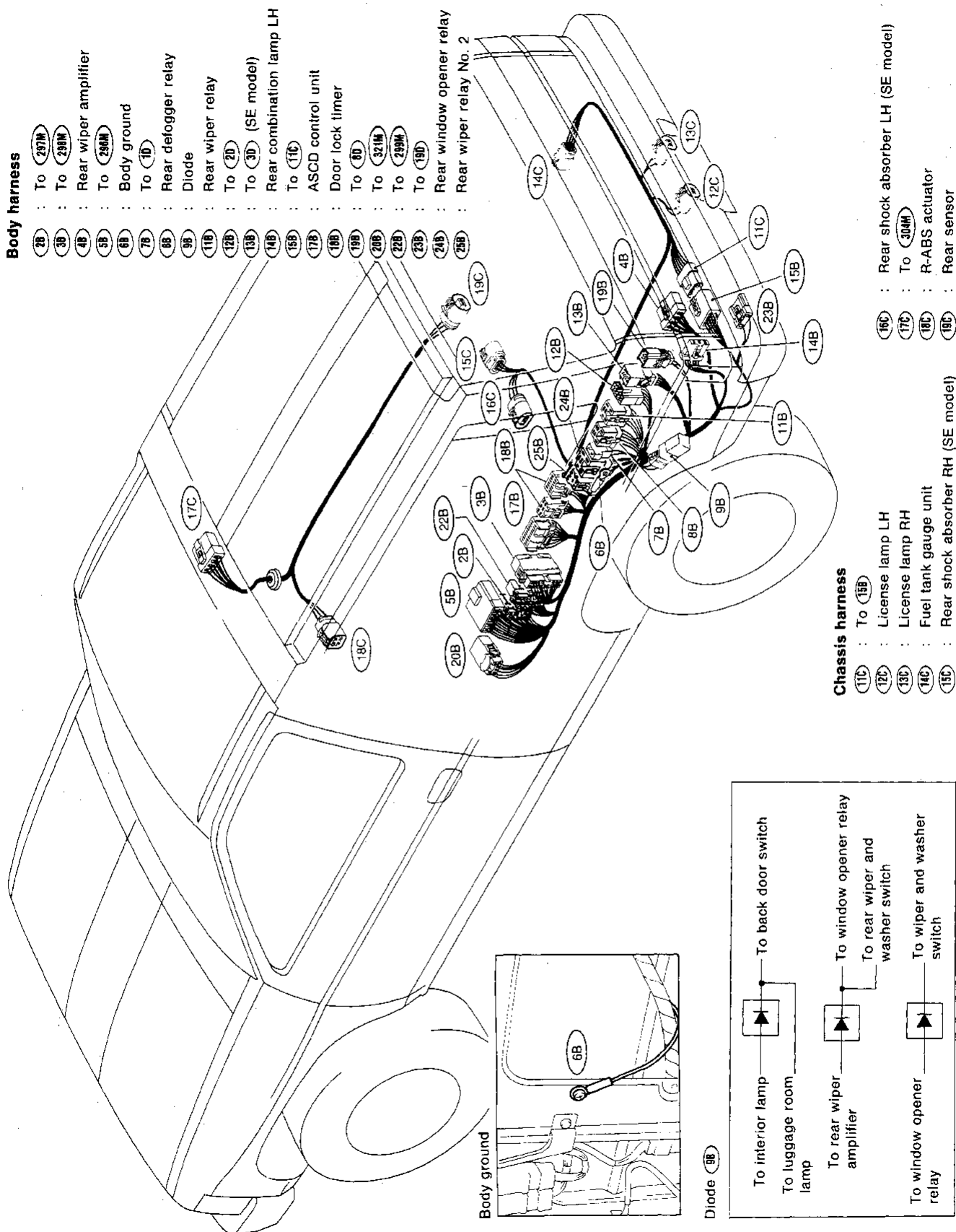
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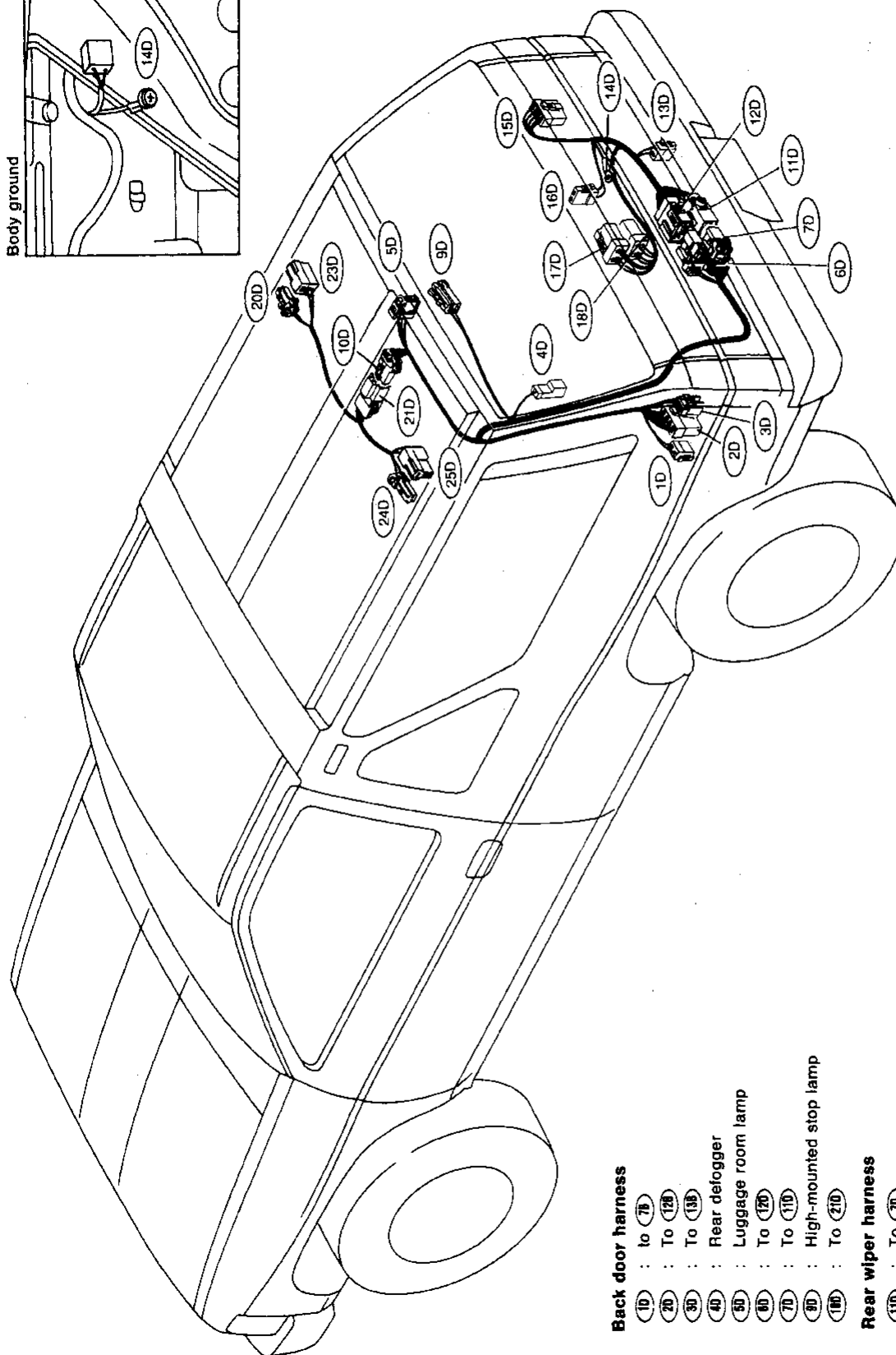
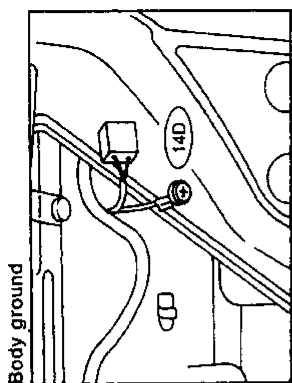
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HARNESS LAYOUT

Back Door and Rear Wiper Harness



Back door harness

- (10) : To (78)
- (20) : To (128)
- (30) : To (138)
- (40) : Rear defogger
- (50) : Luggage room lamp
- (60) : To (120)
- (70) : To (110)
- (80) : High-mounted stop lamp
- (100) : To (210)

Rear wiper harness

- (110) : To (70)
- (120) : To (60)
- (130) : Back door switch
- (140) : Body ground
- (150) : Rear wiper motor
- (160) : Glass hatch switch
- (170) : Glass hatch opener solenoid
- (180) : Door lock actuator
- (190) : To (230)

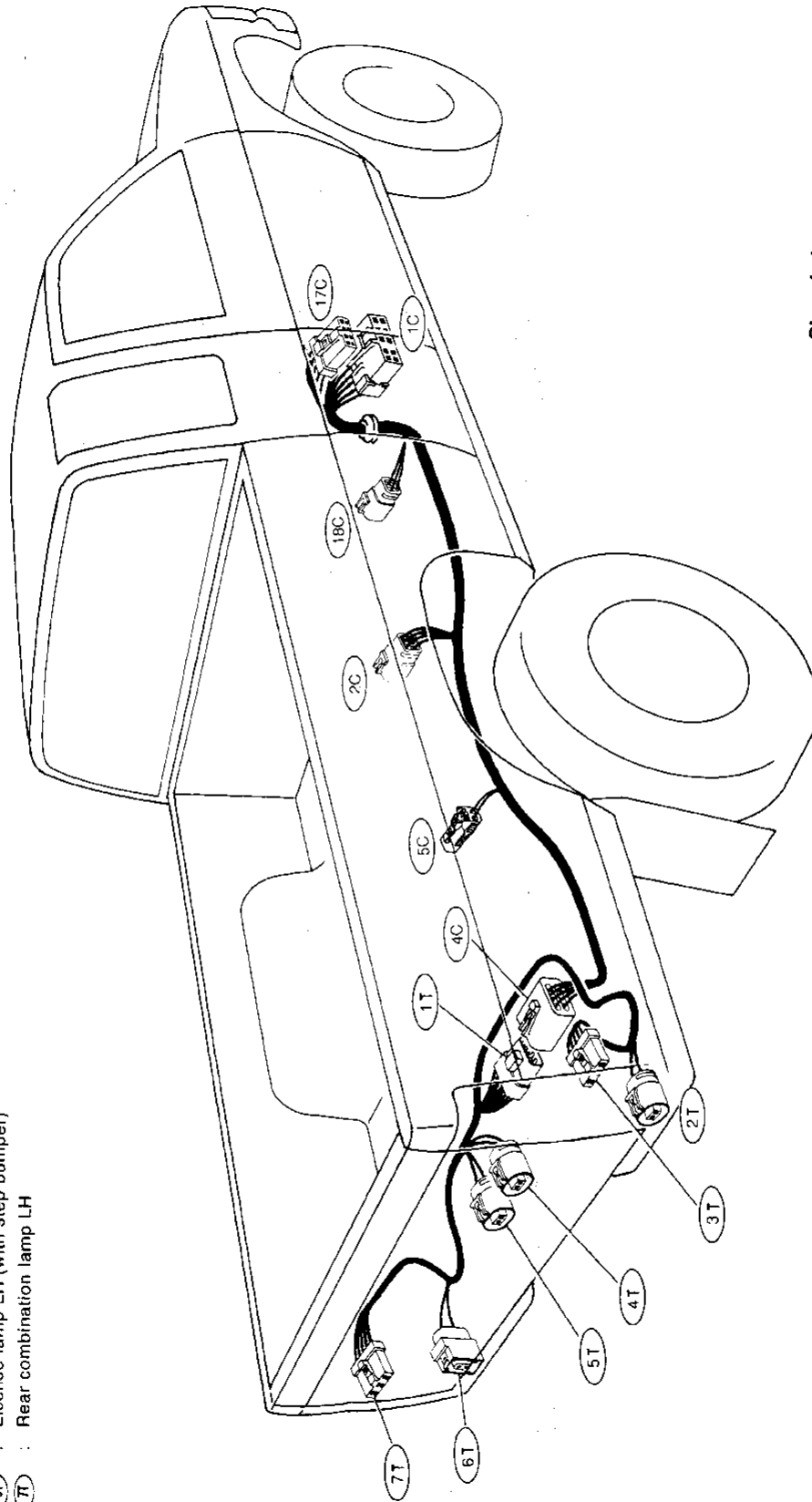
Roof speaker harness

- (210) : To (100) (4-door model with 8 speakers)
- (220) : Tweeter RH (4-door model with 8 speakers)
- (230) : Woofer speaker RH (4-door model with 8 speakers)
- (240) : Tweeter LH (4-door model with 8 speakers)
- (250) : Woofer speaker LH (4-door model with 8 speakers)

Chassis and Tail Harness

Tail harness

- 1T : To 4C
- 2T : License lamp RH (With step bumper)
- 3T : Rear combination lamp RH
- 4T : License lamp RH (Without step bumper)
- 5T : License lamp LH (Without step bumper)
- 6T : License lamp LH (with step bumper)
- 7T : Rear combination lamp LH



Chassis harness

- 1C : To 28M
- 2C : Fuel tank gauge unit
- 3C : To 1T
- 4C : Rear sensor (4WD model)
- 5C : To 34M (4WD model)
- 6C : R-ABS actuator (4WD model)

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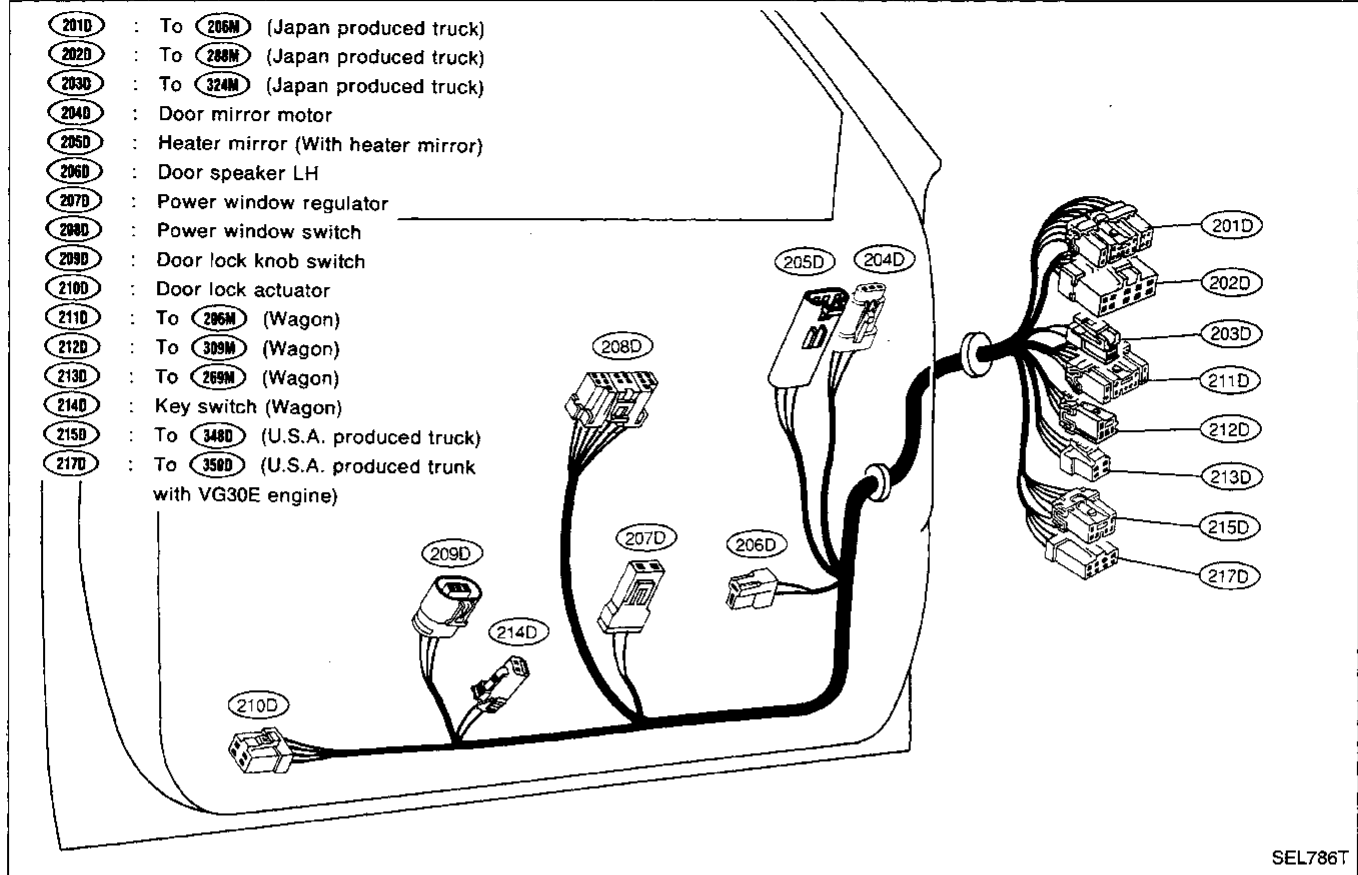
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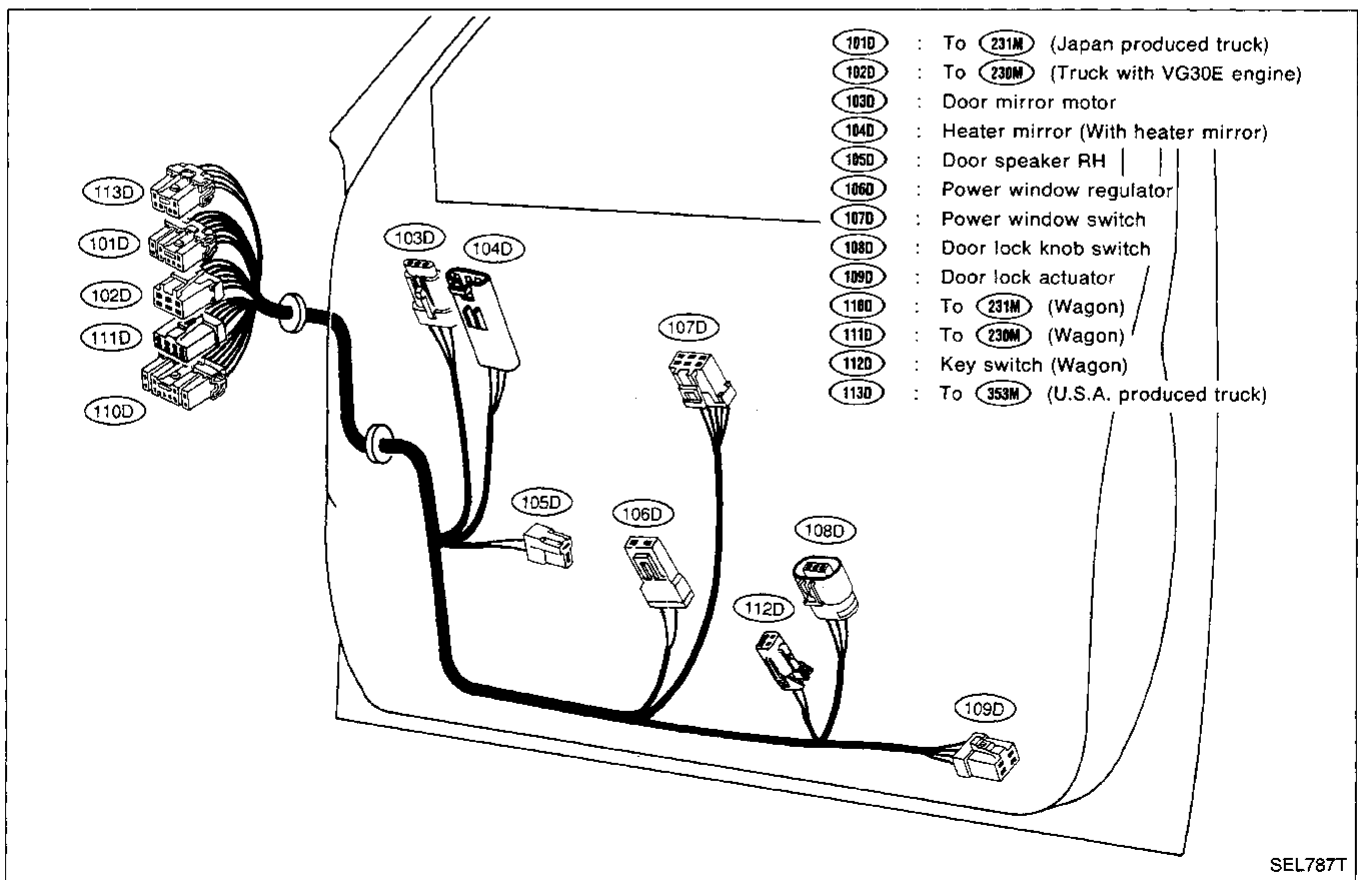
HARNESS LAYOUT

Door harness LH

Front Door Harness



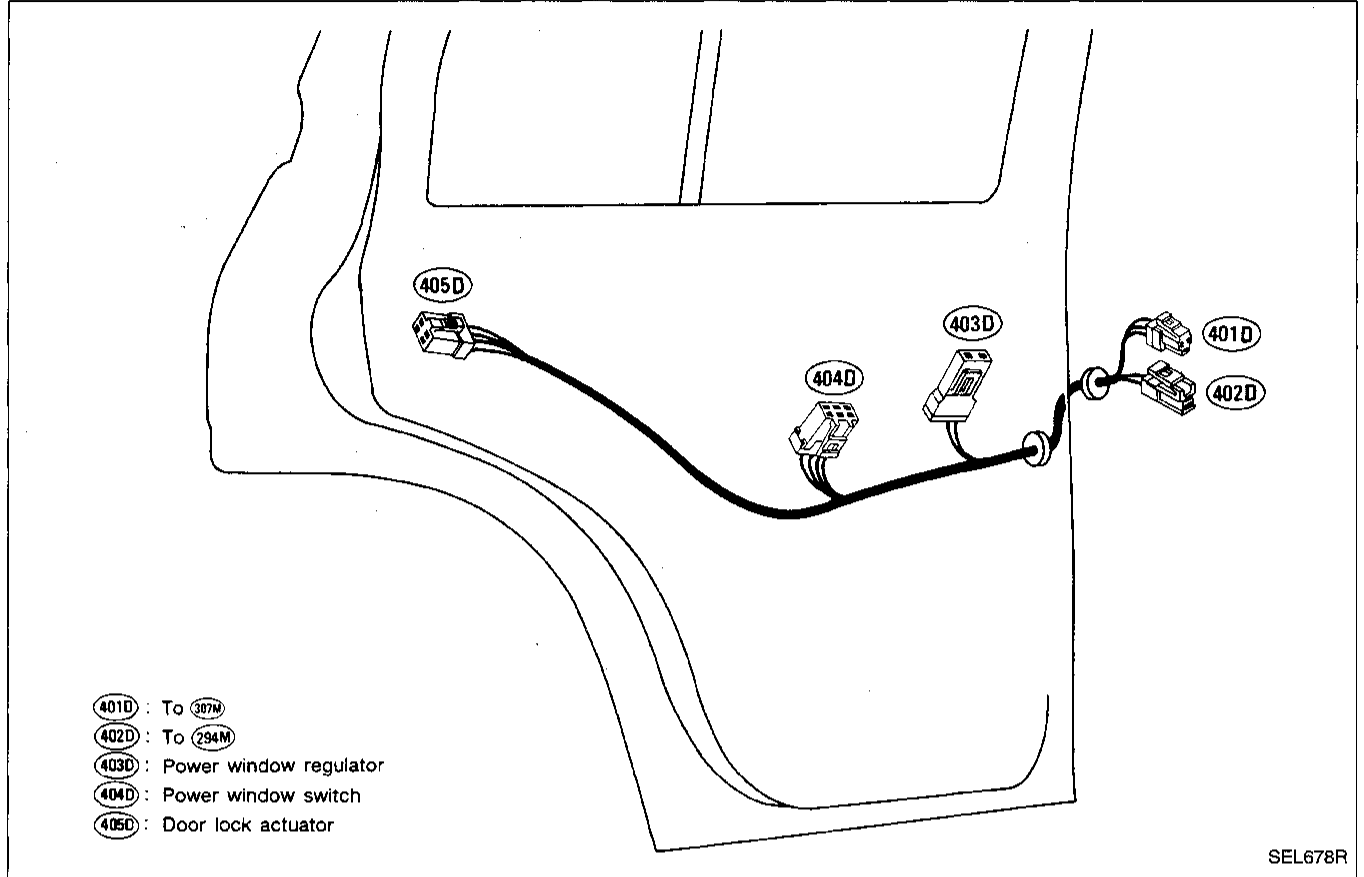
Door harness RH



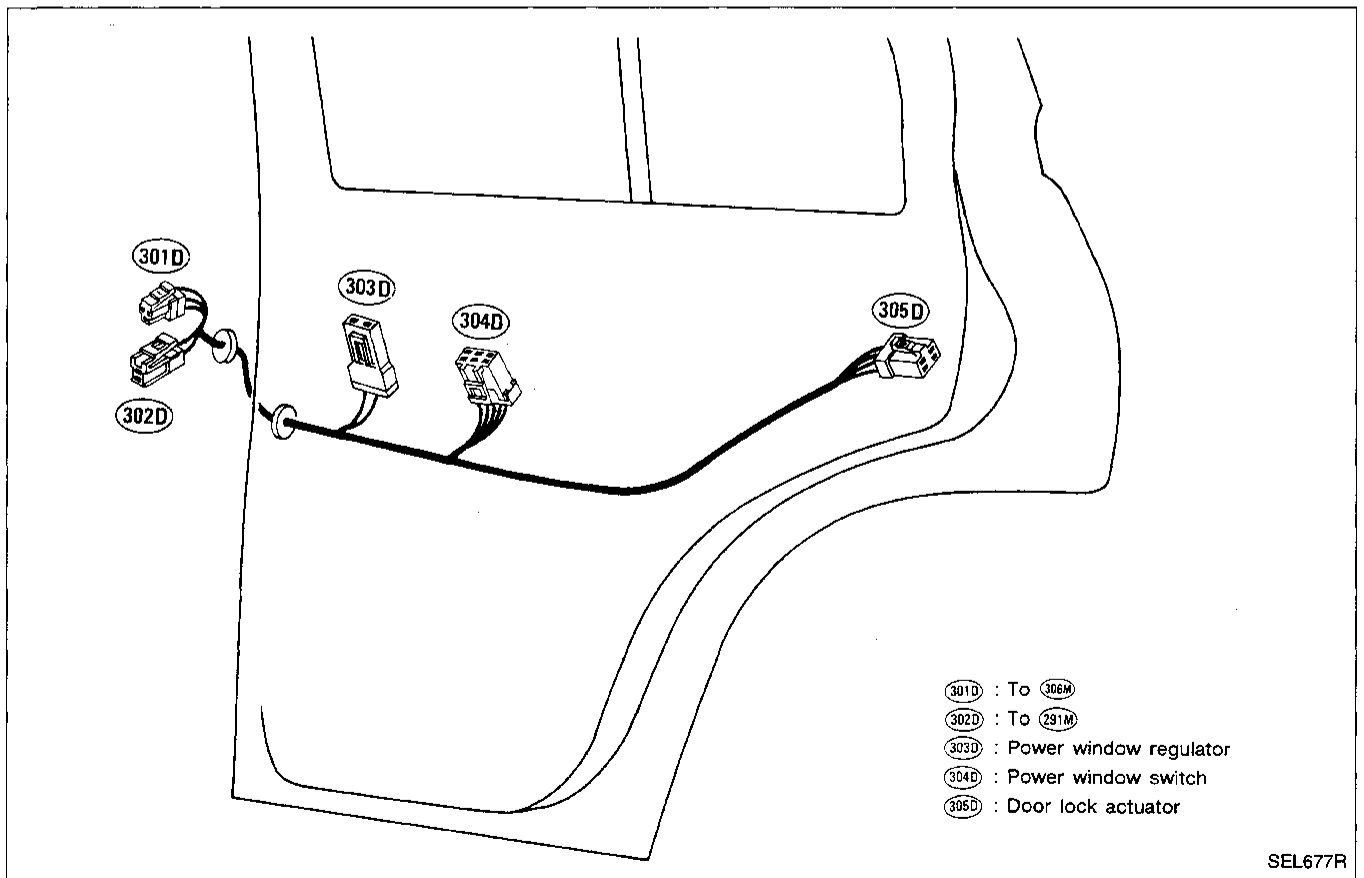
HARNESS LAYOUT

Door harness LH

Rear Door Harness



Door harness RH



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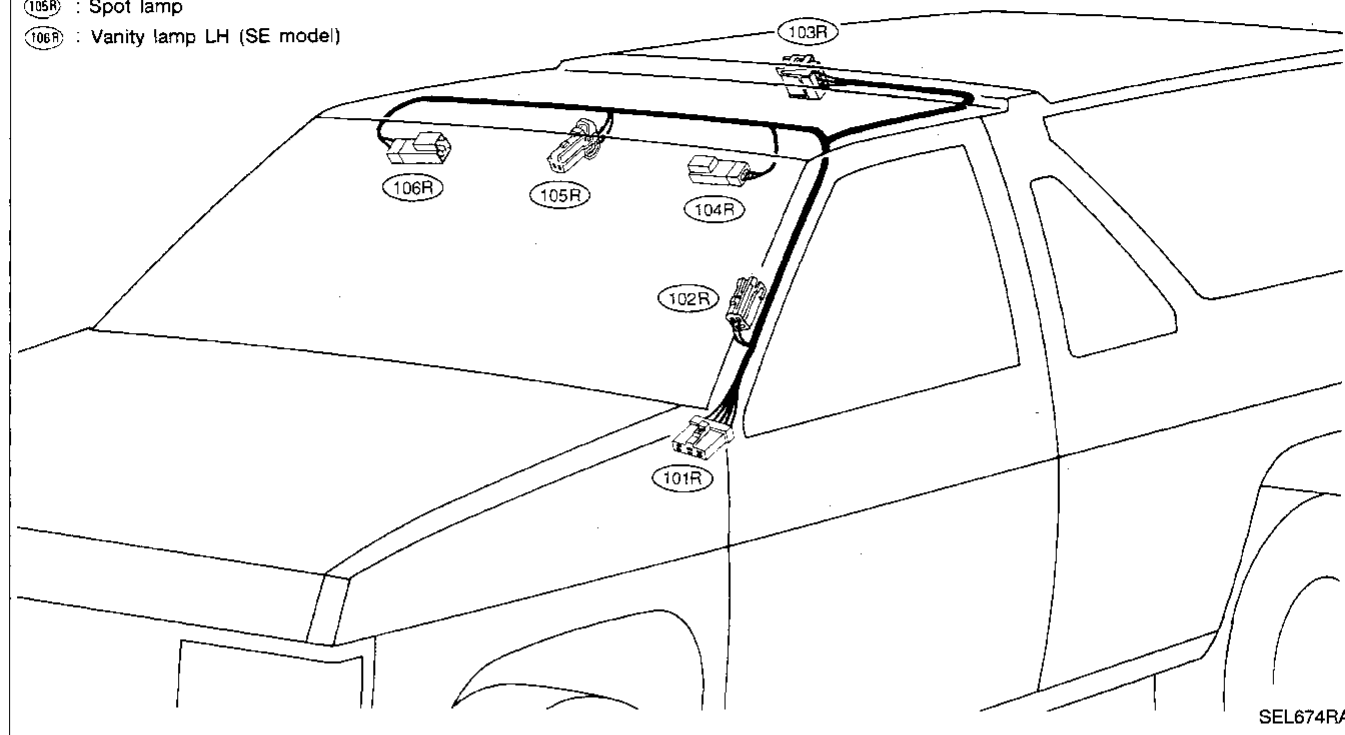
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HARNESS LAYOUT

WAGON MODEL

Room Lamp Harness

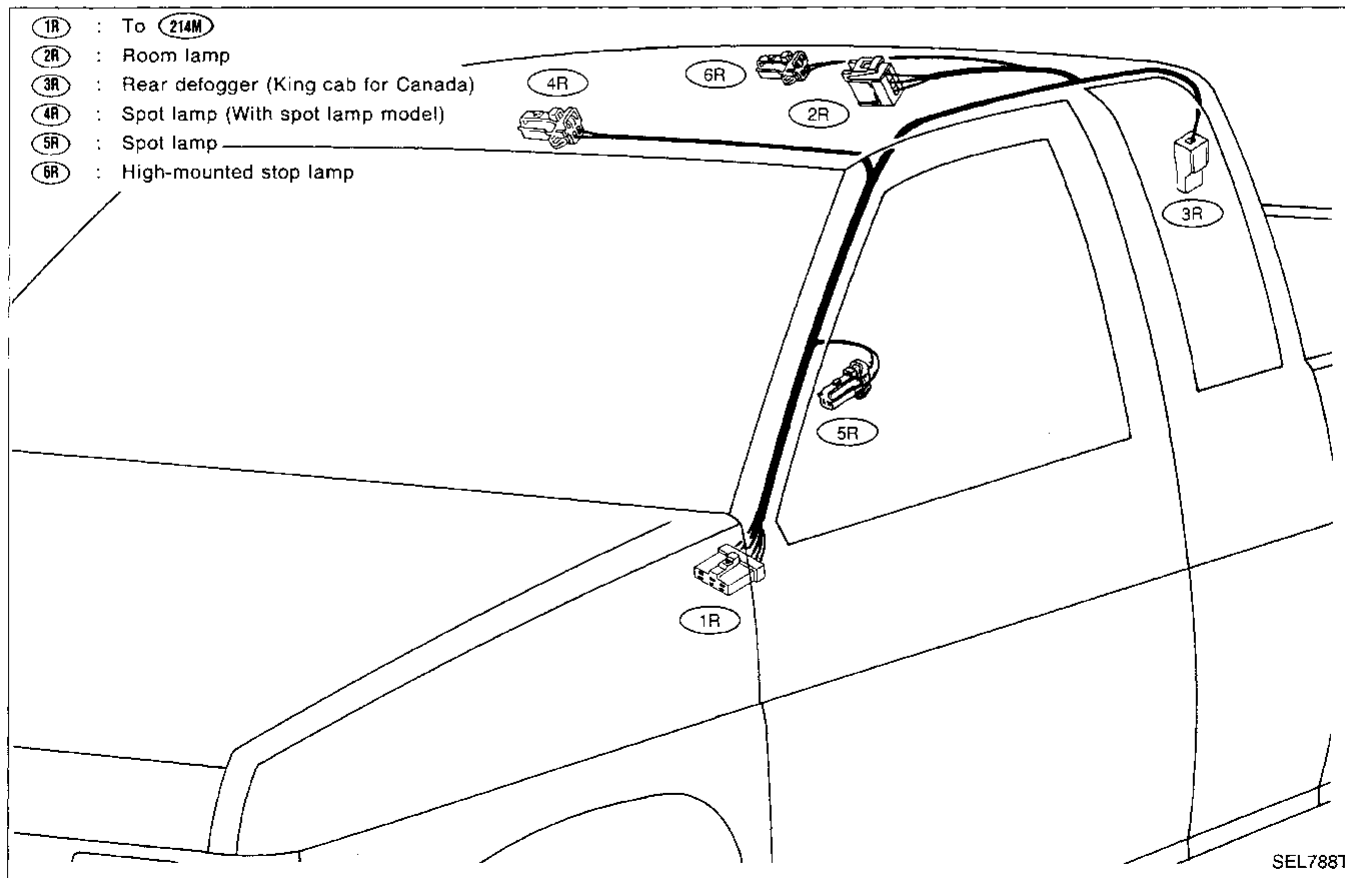
- (101R) : To (214M)
- (102R) : Speaker LH (With 6 speakers or 8 speakers)
- (103R) : Room lamp
- (104R) : Vanity lamp RH (SE model)
- (105R) : Spot lamp
- (106R) : Vanity lamp LH (SE model)



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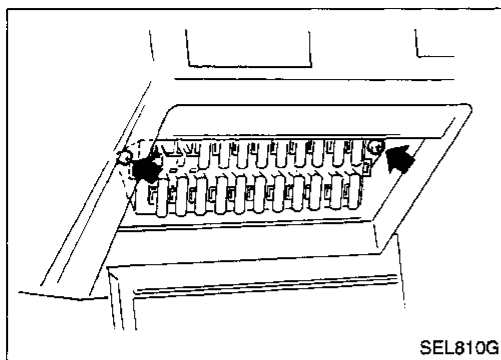
TRUCK MODEL

- (1R) : To (214M)
- (2R) : Room lamp
- (3R) : Rear defogger (King cab for Canada)
- (4R) : Spot lamp (With spot lamp model)
- (5R) : Spot lamp
- (6R) : High-mounted stop lamp



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SUPER MULTIPLE JUNCTION (SMJ)



REMOVAL

- Remove fuse block retaining screws to gain access to SMJ.
- Slide fuse block to the side, and remove SMJ retaining bolts to detach SMJ.

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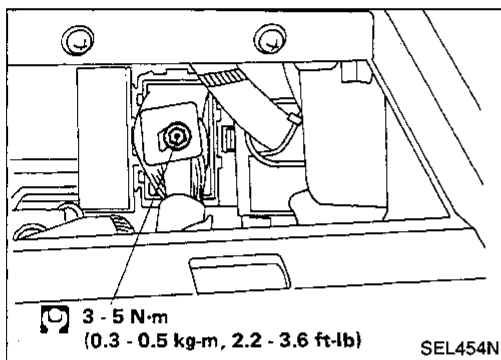
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INSTALLATION

To install SMJ, tighten bolts until orange “fulltight” mark appears and then retighten to specified torque as required.

: 3 - 5 N·m (0.3 - 0.5 kg-m, 2.2 - 3.6 ft-lb)

CAUTION:

Do not overtighten bolts, otherwise, bolts may be damaged.

SUPER MULTIPLE JUNCTION (SMJ)

Terminal Arrangement

MAIN HARNESS

VG30E engine model

H1	J1	K1	L1	M1	N1
H2	J2	K2	L2	M2	N2
H3	J3	K3	L3	M3	
H4	J4	K4		M4	N4
H5	J5	K5		M5	N5
H6					N6
H7					N7
H8					N8
H9					N9
H10					N10
H11					N11
H12	J12	K12		M12	N12
H13	J13	K13	L14	M13	N13
H14	J14	K14			N14
H15	J15	K15	L15	M15	N15
H16	J16	K16	L16	M16	N16

KA24E engine model

A1	B1	C1	D1	E1	F1	G1
A2	B2	C2		E2	F2	G2
A3	B3	C3	D2	E3	F3	G3
A4	B4				F4	G4
A5	B5				F5	G5
A6	B6				F6	G6
A7	B7				F7	G7
A8	B8	C8		E8	F8	G8
A9	B9	C9	D9	E9	F9	G9
A10	B10	C10	D10	E10	F10	G10



N1	M1	L1	K1	J1	H1
N2	M2	L2	K2	J2	H2
	M3	L3	K3	J3	H3
N4	M4		K4	J4	H4
N5	M5		K5	J5	H5
N6					H6
N7					H7
N8					H8
N9					H9
N10					H10
N11					H11
N12	M12		K12	J12	H12
N13	M13	L14	K13	J13	H13
	M14		K14	J14	H14
N15	M15	L15	K15	J15	H15
N16	M16	L16	K16	J16	H16

A10	B10	C10	D10	E10	F10	G10
A9	B9	C9		E9	F9	G9
A8	B8	C8	D9	E8	F8	G8
A7	B7				F7	G7
A6	B6				F6	G6
A5	B5				F5	G5
A4	B4				F4	G4
A3	B3	C3		E3	F3	G3
A2	B2	C2	D2	E2	F2	G2
A1	B1	C1	D1	E1	F1	G1

INSTRUMENT HARNESS

ECM (ECGS CONTROL MODULE)

101	102	103	104	105	106	107	108	1	2	3	4	5	6	7	15	16	17	18	19	20	21	22	31	32	33	34	35	36	37	38	39
109	110	111	112	113	114	115	116	8	9	10	11	12	13	14	23	24	25	26	27	28	29	30	40	41	42	43	44	45	46	47	48

View from harness side



SUPER MULTIPLE JUNCTION (SMJ)

Terminal Arrangement (Cont'd)

MAIN HARNESS ADAPTER CONNECTORS

Wagon model (VG30E engine)



P1	P2	P3	P4	P5	P6	P7
P8	P9	●	P10	P11	P12	

P8	P9	○	P10	P11	P12	
P1	P2	P3	P4	P5	P6	P7

(343M)

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9
Q10	Q11	Q12	●	Q13	Q14	Q15	Q16	

Q10	Q11	Q12	○	Q13	Q14	Q15	Q16	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9

(341M)

R1	R2	R3	R4	R5	R6	R7	R8	R9
R10	R11	R12	R13	●	R14	R15	R16	

R10	R11	R12	R13	○	R14	R15	R16	
R1	R2	R3	R4	R5	R6	R7	R8	R9

(342M)

S1	S2	S3	S4
S5	S6	S7	S8

S5	S6	S7	S8
S1	S2	S3	S4

(344M)

T1	T2	T3	T4
T5	T6	T7	T8

T5	T6	T7	T8
T1	T2	T3	T4

(345M)

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