

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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PRECAUTIONS

PRECAUTIONS

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Precautions for Supplemental Restraint System (SRS) “AIR BAG” and “SEAT BELT PRE-TENSIONER”

EKS0030B

The Supplemental Restraint System such as “AIR BAG” and “SEAT BELT PRE-TENSIONER”, used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system may include seat belt switch inputs and dual stage front air bag modules. If equipped with dual stage front air bag modules, the SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the SRS and SB section of this Service Manual.

The vehicle may be equipped with a passenger air bag deactivation switch. Because no rear seat exists where a rear-facing child restraint can be placed, the switch is designed to turn off the passenger air bag so that a rear-facing child restraint can be used in the front passenger seat. The switch is located in the center of the instrument panel, near the ashtray. When the switch is turned to the ON position, the passenger air bag is enabled and could inflate for certain types of collision. When the switch is turned to the OFF position, the passenger air bag is disabled and will not inflate. A passenger air bag OFF indicator on the instrument panel lights up when the passenger air bag is switched OFF. The driver air bag always remains enabled and is not affected by the passenger air bag deactivation switch.

WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the SRS section.
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.
- The vehicle may be equipped with a passenger air bag deactivation switch which can be operated by the customer. When the passenger air bag is switched OFF, the passenger air bag is disabled and will not inflate. When the passenger air bag is switched ON, the passenger air bag is enabled and could inflate for certain types of collision. After SRS maintenance or repair, make sure the passenger air bag deactivation switch is in the same position (ON or OFF) as when the vehicle arrived for service.

Wiring Diagrams and Trouble Diagnosis

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When you read wiring diagrams, refer to the following:

- [GI-13, "How to Read Wiring Diagrams"](#).
- [PG-9, "POWER SUPPLY ROUTING"](#) for power distribution circuit.

When you perform trouble diagnosis, refer to the following:

- [GI-9, "HOW TO FOLLOW TEST GROUPS IN TROUBLE DIAGNOSES"](#).
- [GI-25, "How to Perform Efficient Diagnosis for an Electrical Incident"](#).

Check for any Service bulletins before servicing the vehicle.

HARNESS CONNECTOR

PFP:24010

HARNESS CONNECTOR

Description

HARNESS CONNECTOR (TAB-LOCKING TYPE)

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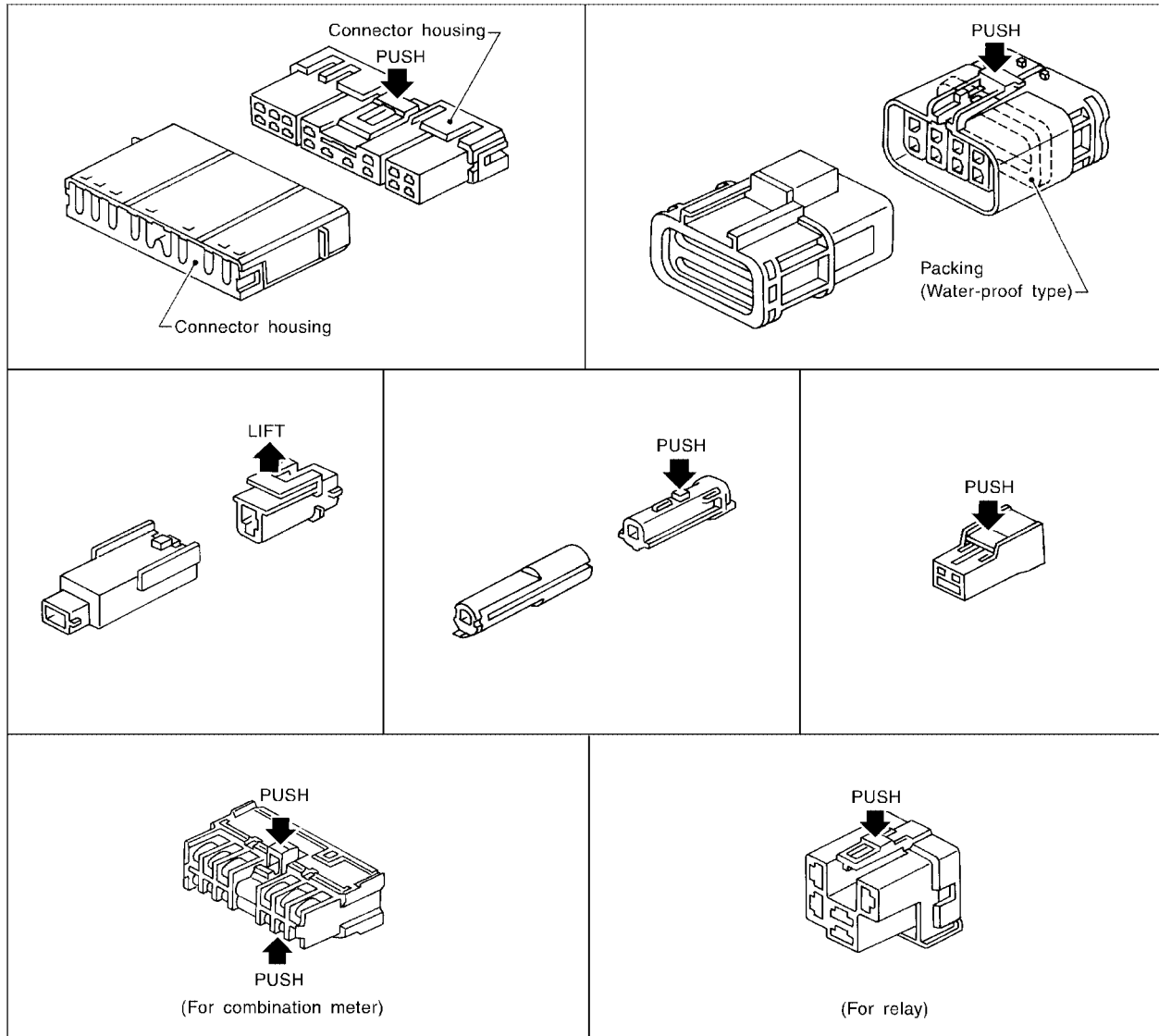
- The tab-locking type connectors help prevent accidental looseness or disconnection.
- The tab-locking type connectors are disconnected by pushing or lifting the locking tab(s). Refer to the illustration below.

Refer to the next page for description of the slide-locking type connector.

CAUTION:

Do not pull the harness or wires when disconnecting the connector.

[Example]



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HARNESS CONNECTOR

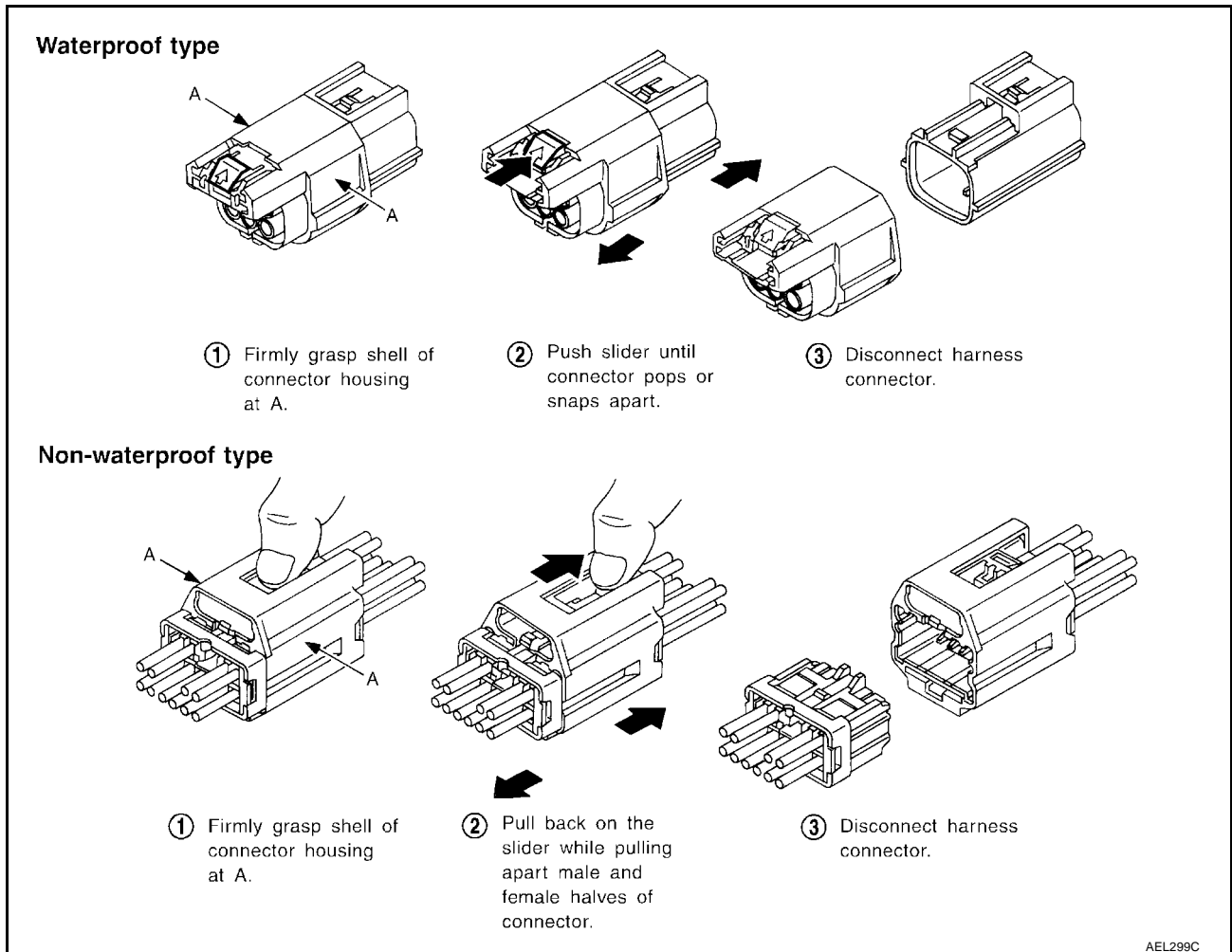
HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

- A new style slide-locking type connector is used on certain systems and components, especially those related to OBD.
- The slide-locking type connectors help prevent incomplete locking and accidental looseness or disconnection.
- The slide-locking type connectors are disconnected by pushing or pulling the slider. Refer to the illustration below.

CAUTION:

- Do not pull the harness or wires when disconnecting the connector.
- Be careful not to damage the connector support bracket when disconnecting the connector.

[Example]



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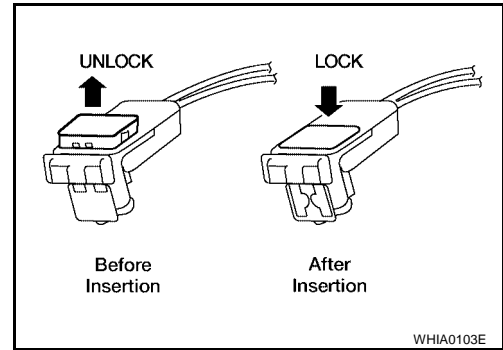
HARNES CONNECTOR

HARNES CONNECTOR (DIRECT-CONNECT SRS COMPONENT TYPE)

- SRS direct-connect type harness connectors are used on certain SRS components such as air bag modules and seat belt pre-tensioners.
- Always pull up to release black locking tab prior to removing connector from SRS component.
- Always push down to lock black locking tab after installing connector to SRS component. When locked, the black locking tab is level with the connector housing.

CAUTION:

- Do not pull the harness or wires when removing connectors from SRS components.



STANDARDIZED RELAY

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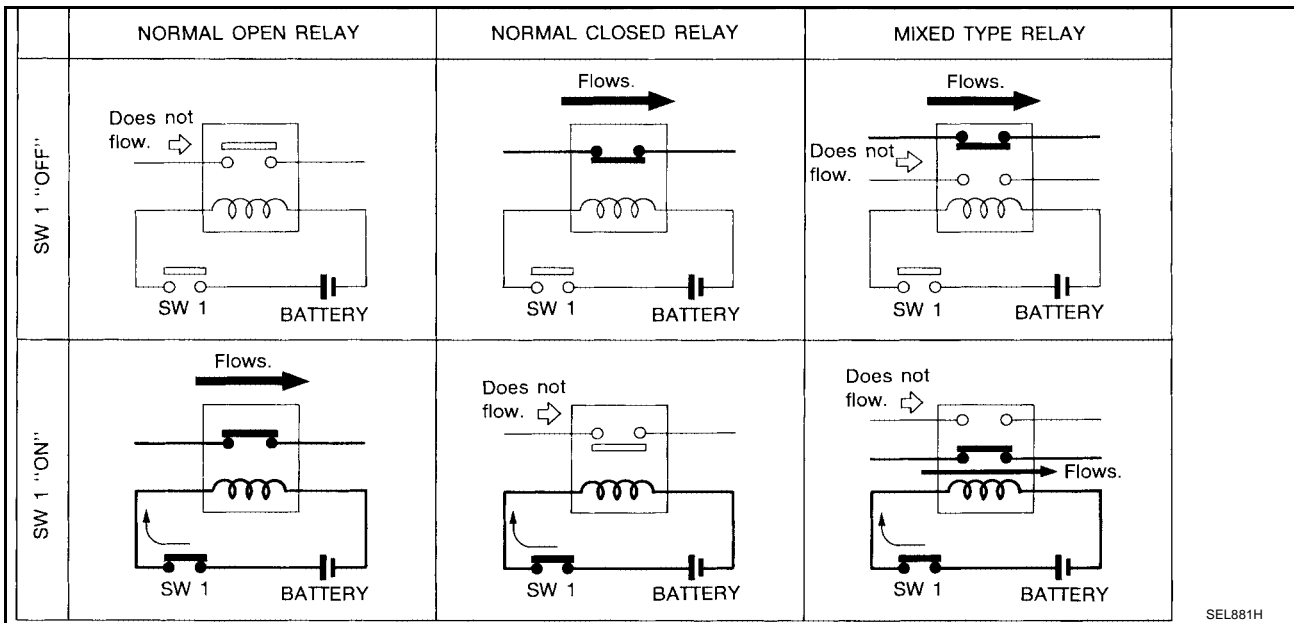
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STANDARDIZED RELAY

Description

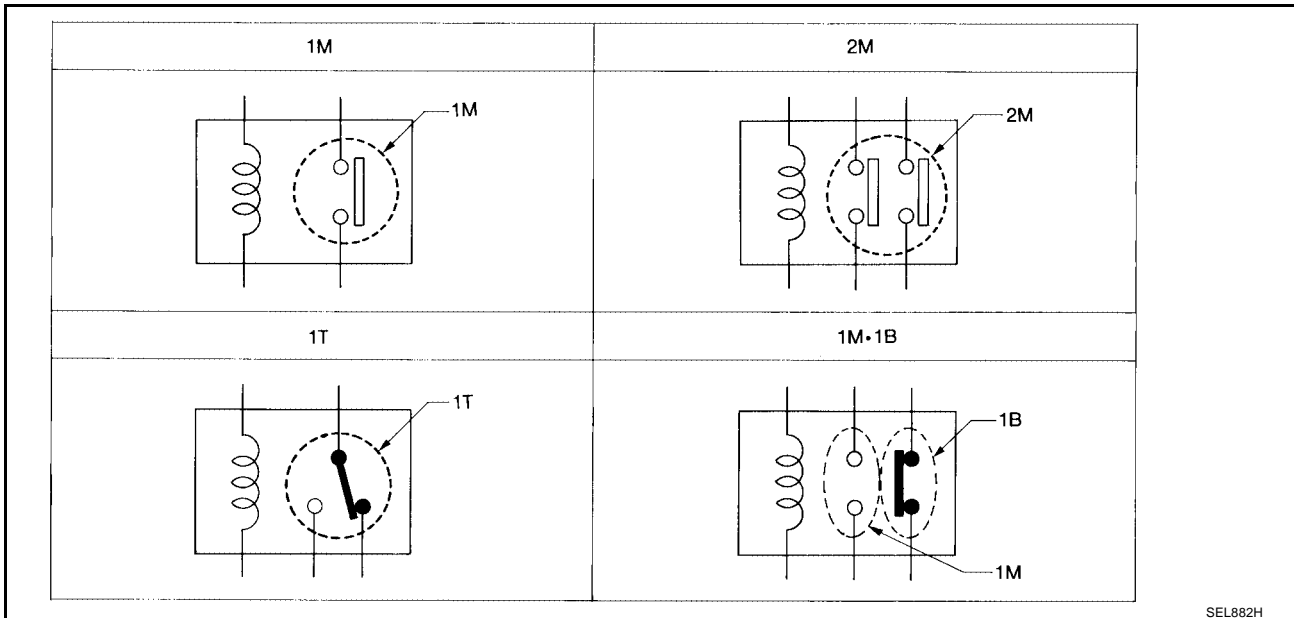
NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

Relays can mainly be divided into three types: normal open, normal closed and mixed type relays.



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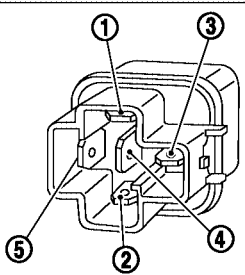
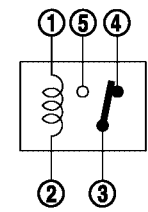
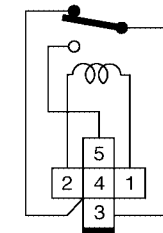
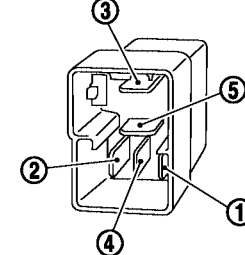
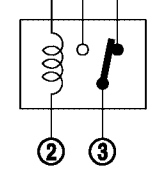
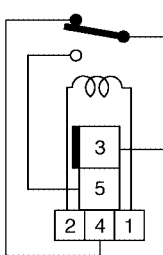
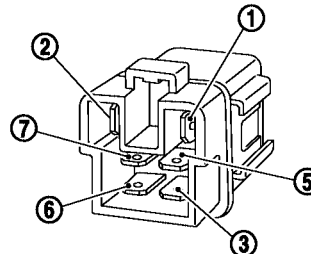
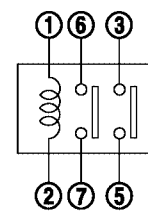
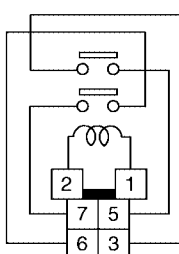
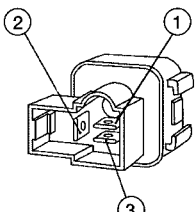
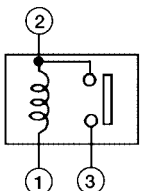
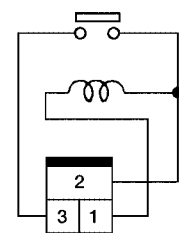
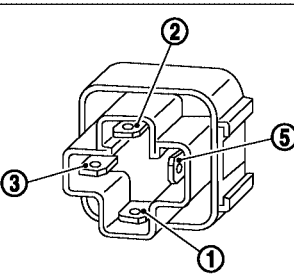
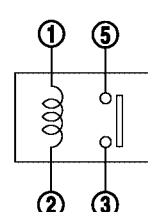
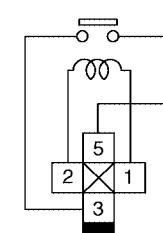
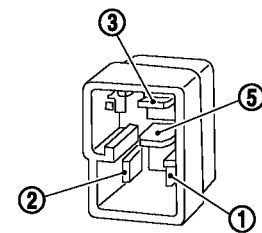
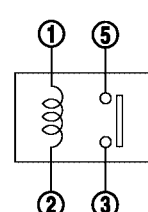
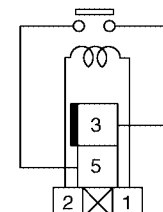
TYPE OF STANDARDIZED RELAYS



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1M	1 Make	2M	2 Make
1T	1 Transfer	1M·1B	1 Make 1 Break

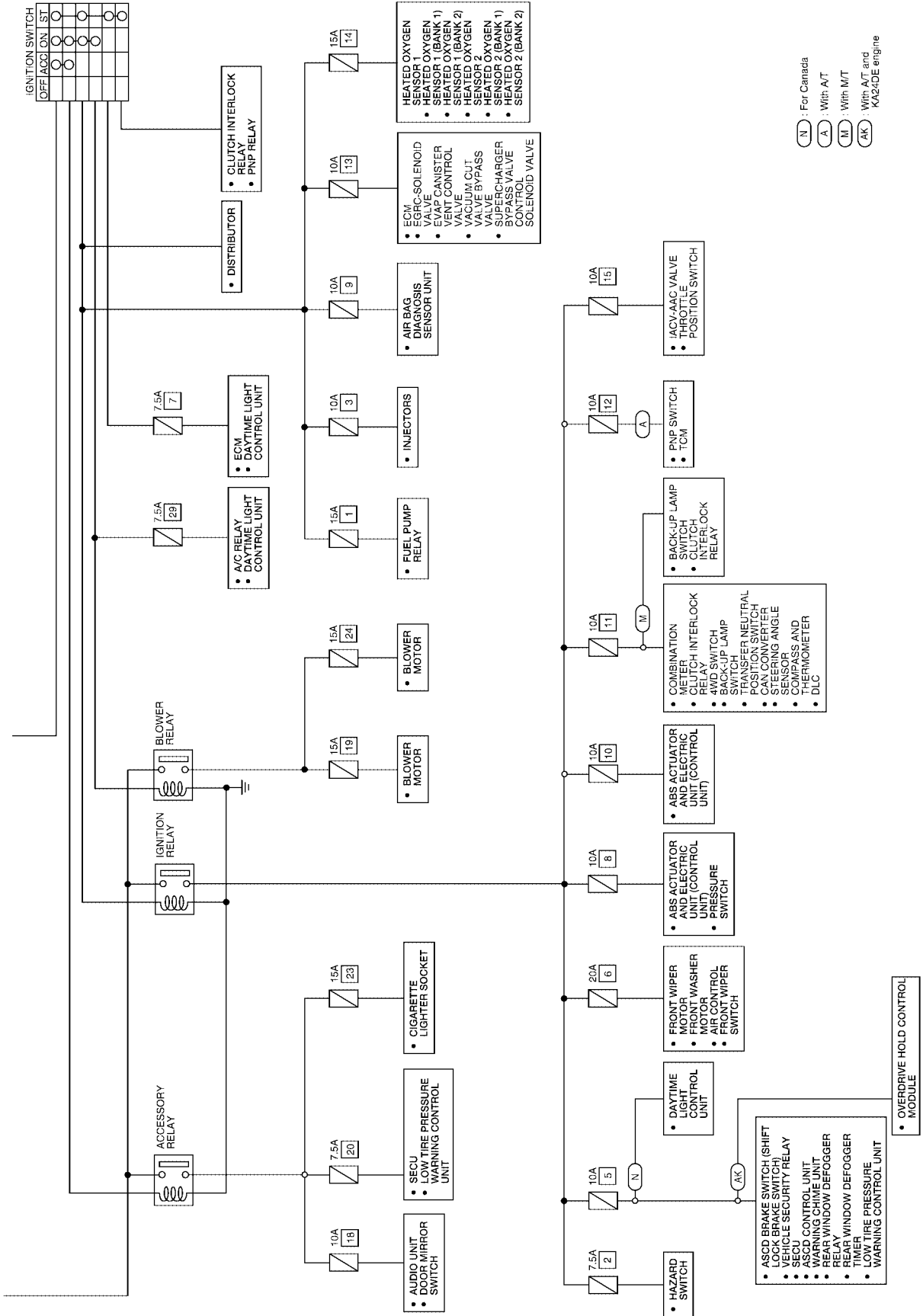
STANDARDIZED RELAY

Type	Outer view	Circuit	Connector symbol and connector	Case color
1T				BLACK
				
2M				BROWN
1M				BLACK
				BLUE
				

The arrangement of terminal numbers on the actual relays may differ from those shown above.

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POWER SUPPLY ROUTING



POWER SUPPLY ROUTING

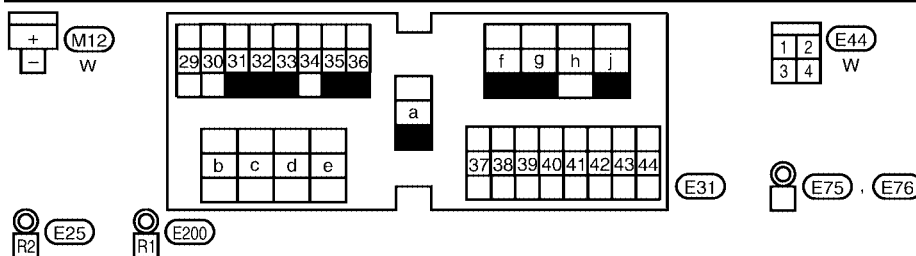
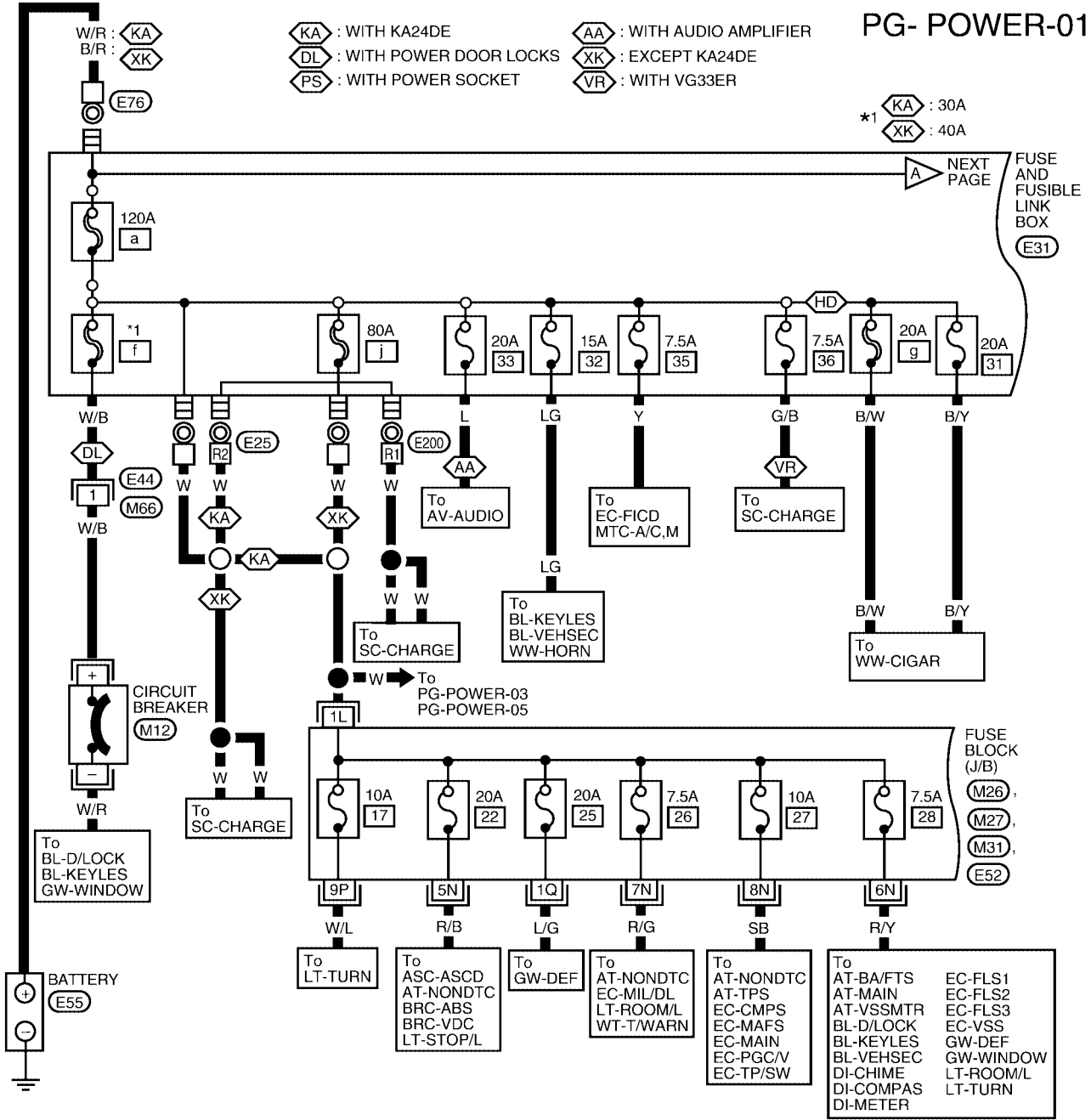
EKS003NP

Wiring Diagram — POWER — BATTERY POWER SUPPLY — IGNITION SW. IN ANY POSITION

NOTE:

For detailed ground distribution information, refer to **PG-17, "Ground Distribution"**.

PG- POWER-01



REFER TO THE FOLLOWING.







M26, M27, M31, E52					
1	6	11	16	21	25
2	7	12	17	22	26
3	8	13	18	23	27
4	9	14	19	24	
5	10	15	20	28	

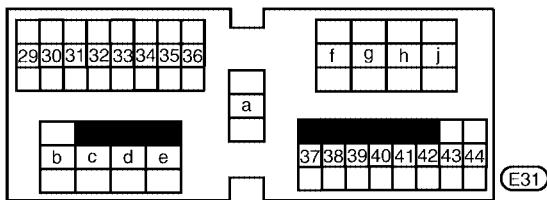
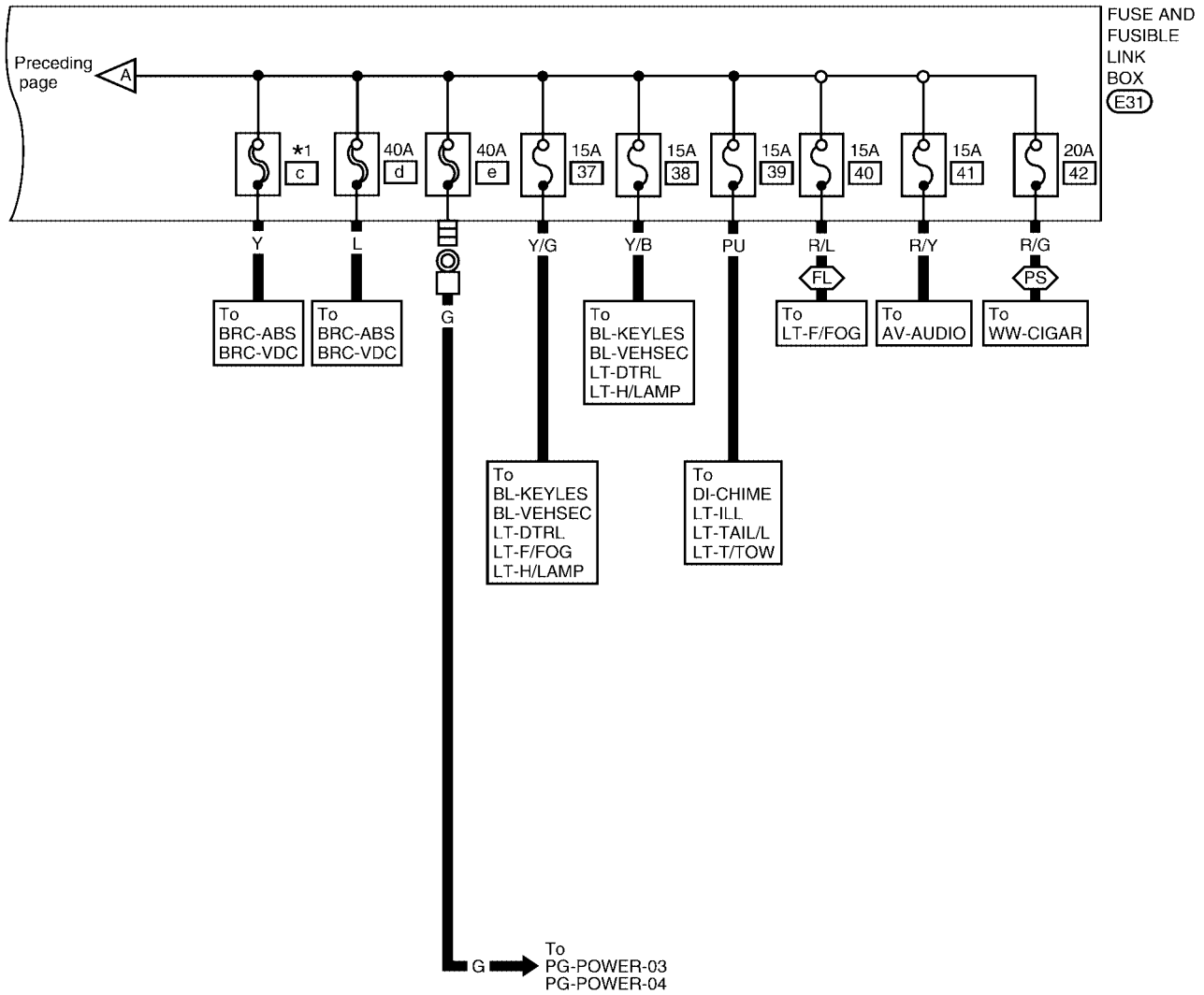
FUSE BLOCK - JUNCTION BOX (J/B)

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POWER SUPPLY ROUTING

PG-POWER-02

-  : With power socket
-  : With fog lamps
-  : With KA24DE engine
-  : Except with KA24DE engine
- *1  : 40A
-  : 30A



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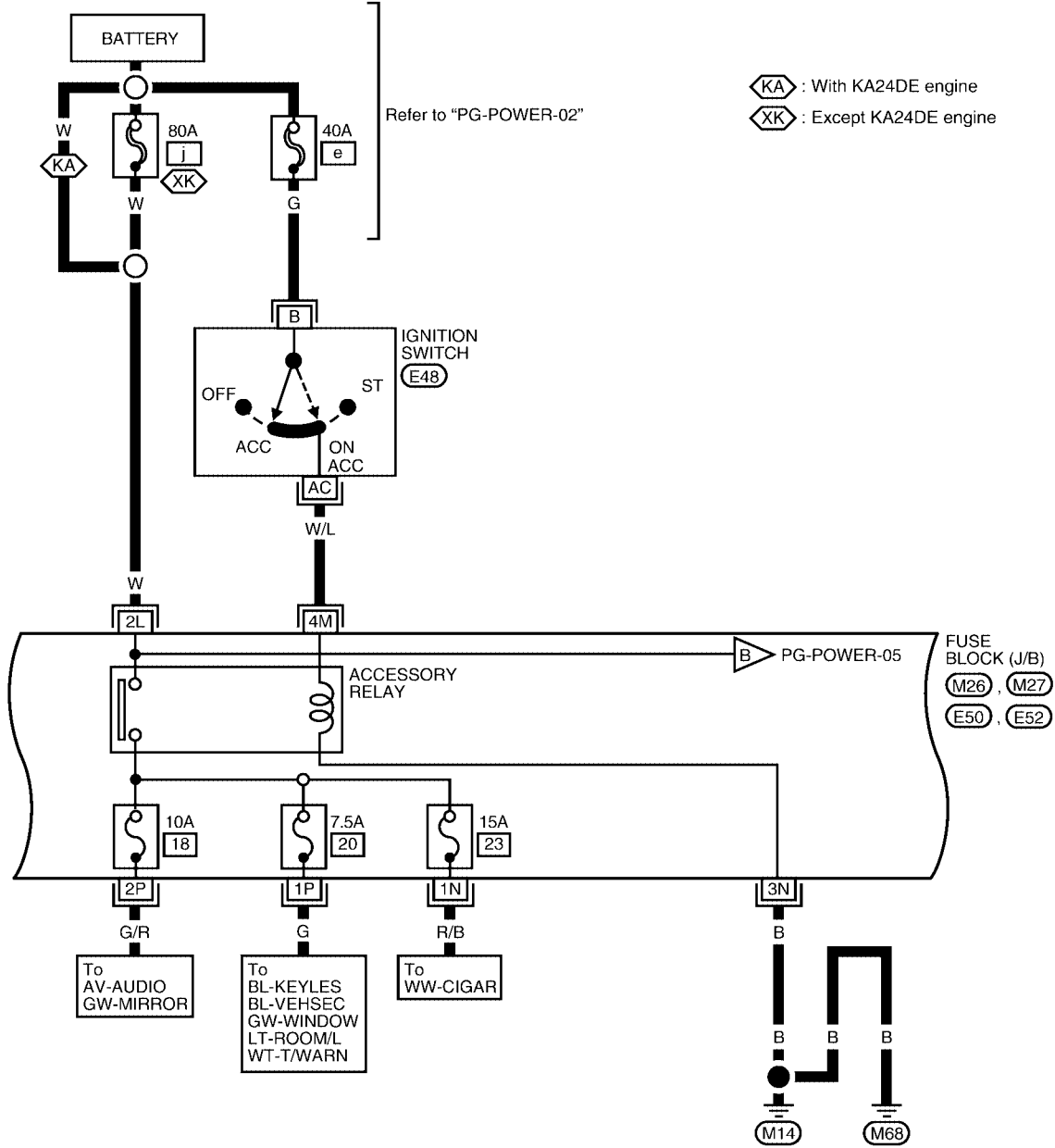
POWER SUPPLY ROUTING

ACCESSORY POWER SUPPLY — IGNITION SW. IN ACC OR ON

NOTE:

For detailed ground distribution information, refer to [PG-17, "Ground Distribution"](#).

PG-POWER-03



Refer to the following.

M26, M27, E50, E52

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

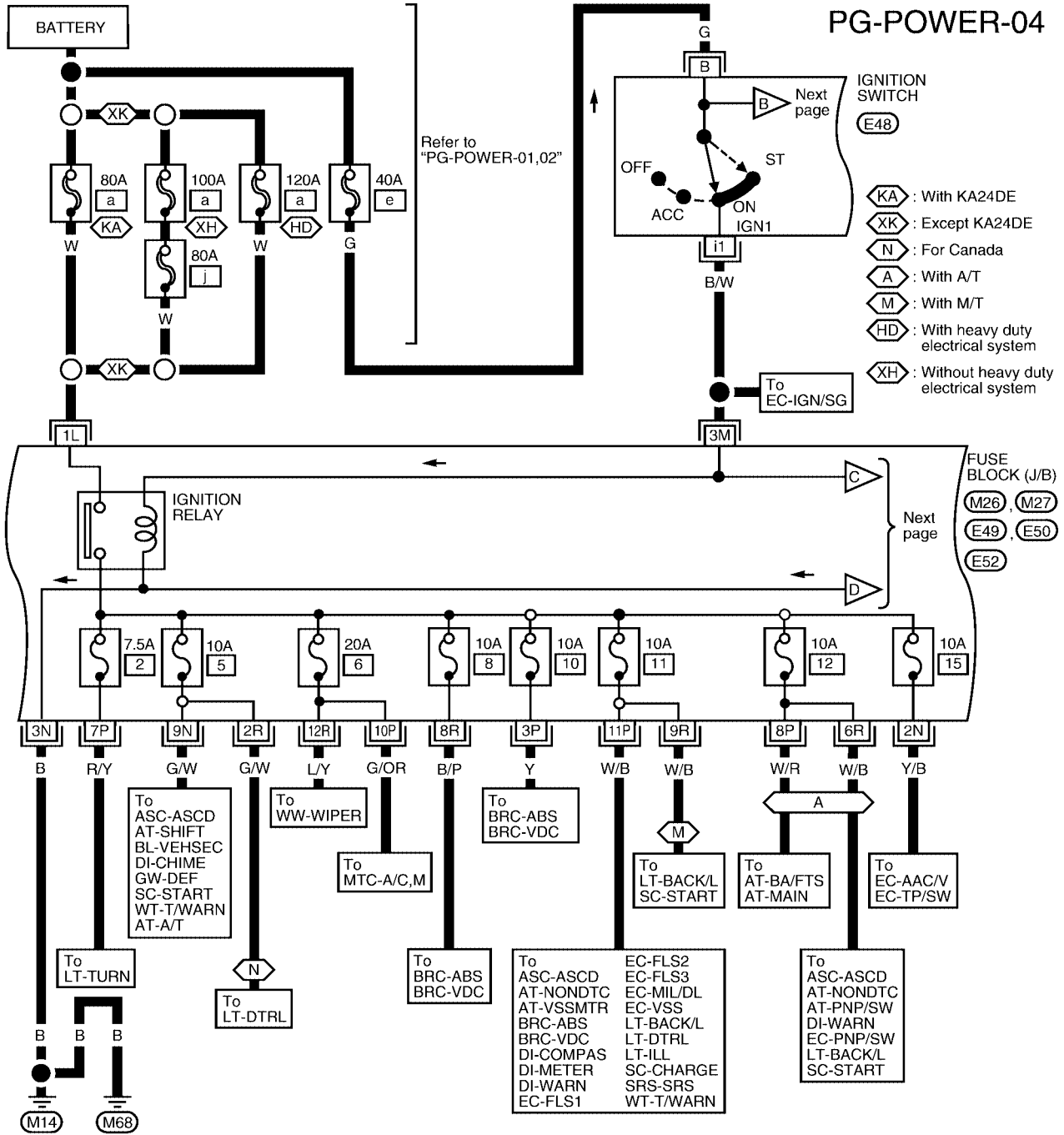
- FUSE BLOCK - JUNCTION BOX (J/B)

POWER SUPPLY ROUTING

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

NOTE:

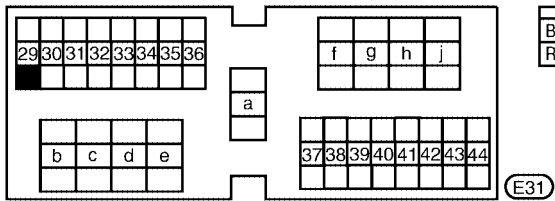
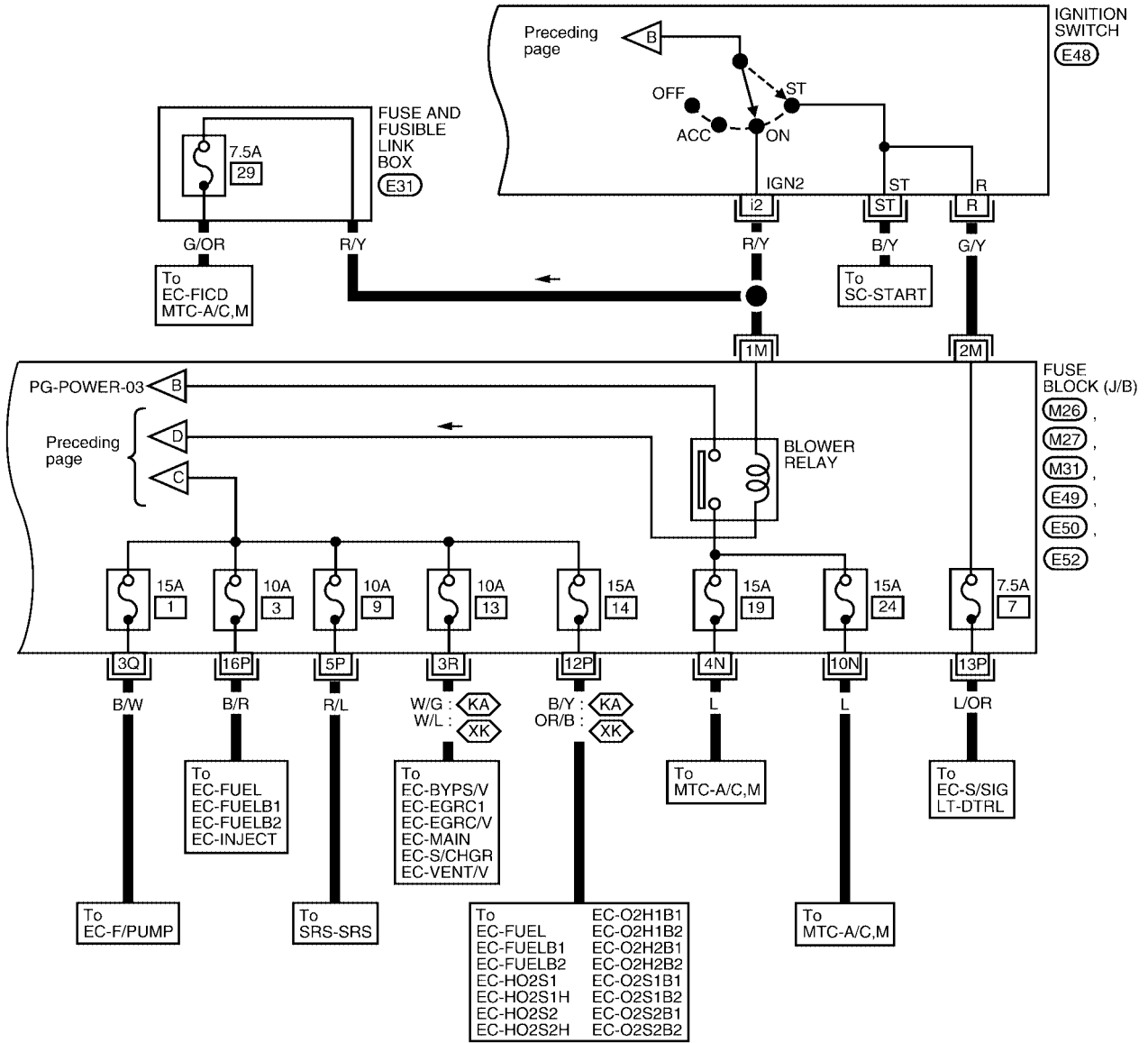
For detailed ground distribution information, refer to [PG-17, "Ground Distribution"](#).



POWER SUPPLY ROUTING

PG-POWER-05

KA : With KA24DE engine
XK : Except KA24DE engine



Refer to the following.

(M26)	(M27)	(M31)	(E49)
(E50)	(E52)		
1	6	11	16
2	7	12	17
3	8	13	18
4	9	14	19
5	10	15	20
			21
			22
			23
			24
			25
			26
			27
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-FUSE BLOCK - JUNCTION BOX (J/B)

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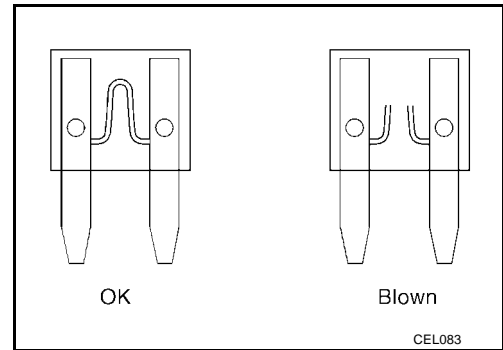
POWER SUPPLY ROUTING

Inspection

FUSE

EKS003N0

- If fuse is blown, be sure to eliminate cause of problem before installing new fuse.
- Use fuse of specified rating. Never use fuse of more than specified rating.
- Do not partially install fuse; always insert it into fuse holder properly.
- Remove fuse for “ELECTRICAL PARTS (BAT)” if vehicle is not used for a long period of time.

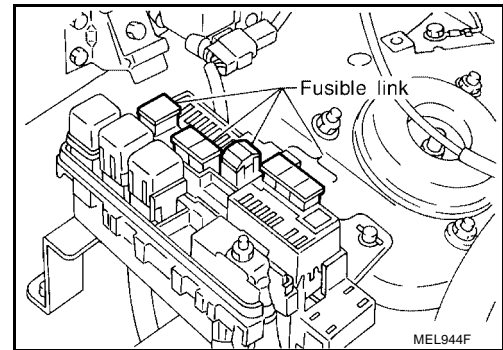


FUSIBLE LINK

A melted fusible link can be detected either by visual inspection or by feeling with fingertip. If its condition is questionable, use circuit tester or test lamp.

CAUTION:

- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of problem.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other wiring harness, vinyl or rubber parts.

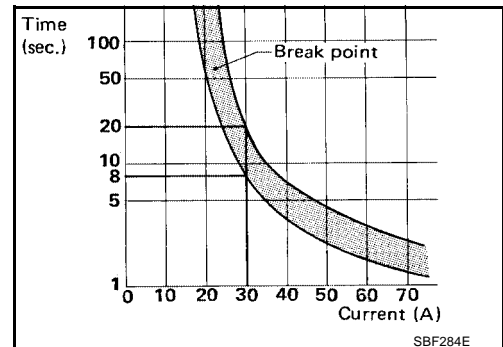


CIRCUIT BREAKER

For example, when current is 30A, the circuit is broken within 8 to 20 seconds.

Circuit breakers are used in the following systems.

- power window
- power door lock
- remote keyless entry
- room lamp



GROUND

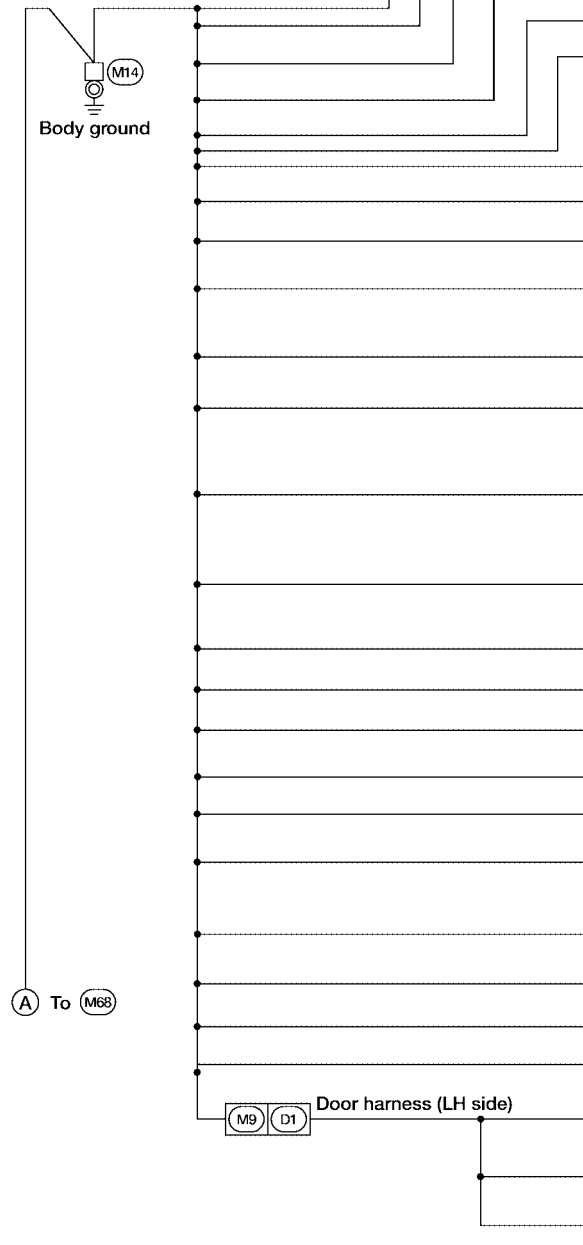
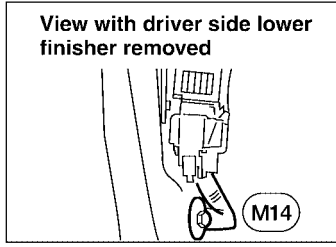
GROUND

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Ground Distribution MAIN HARNESS

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Body ground



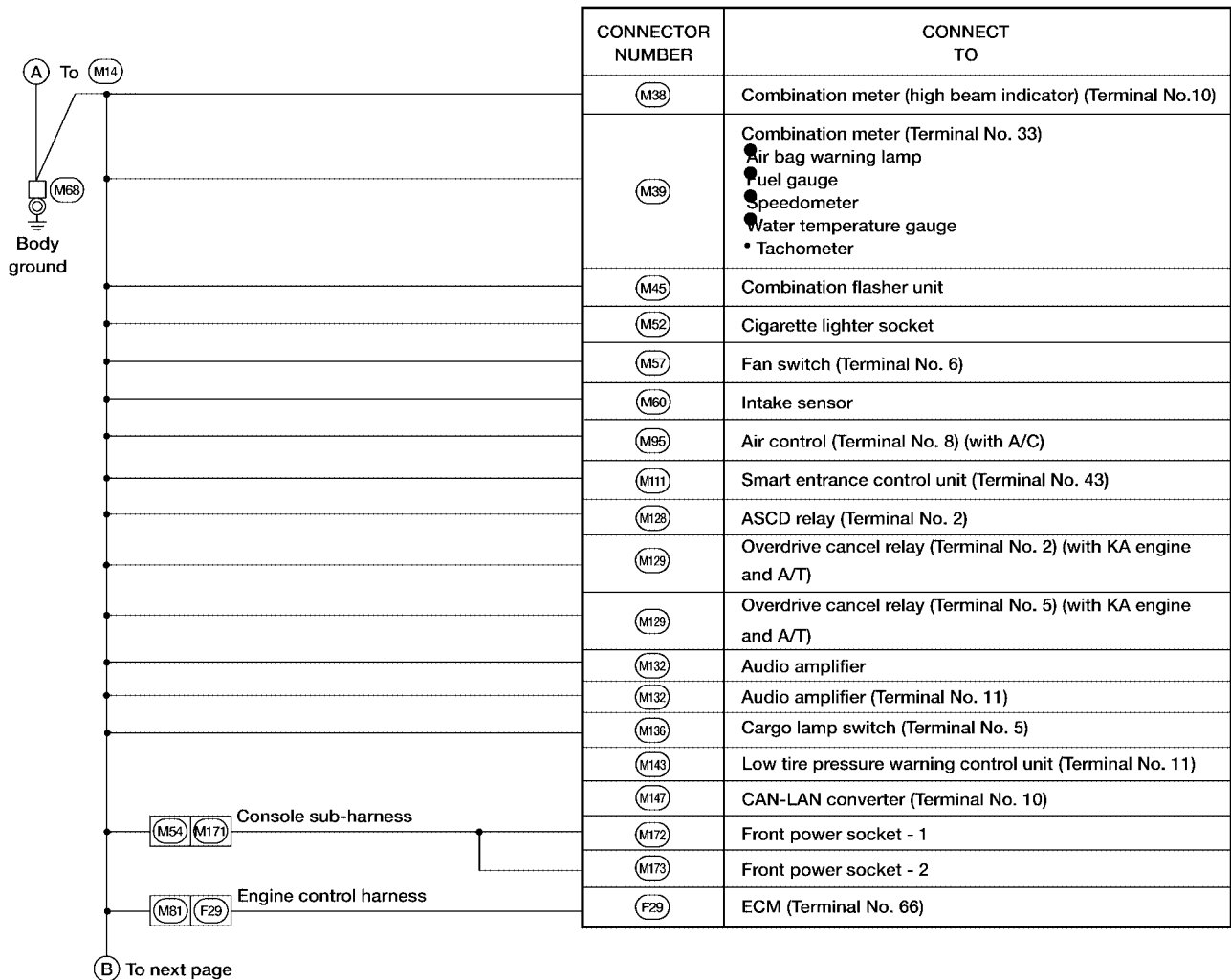
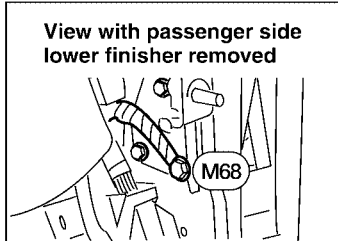
CONNECTOR NUMBER	CONNECT TO
M5	Clutch interlock switch (Terminal No. 2) (with M/T)
M6	Vehicle security relay (Terminal No. 3) (with power door locks) (with A/T except KA24DE)
M11	Warning chime unit (Terminal No. 8) (without power door locks)
M13	Power window relay (Terminal No. 1) (with power windows)
M19	Seat belt buckle switch LH (Terminal No. 2)
M20	Front door switch LH
M27	Fuse block (J/B) (Terminal No. 3N) <ul style="list-style-type: none"> Accessory relay Blower relay Ignition relay
M28	Illumination control switch (Terminal No. 5)
M32	Data link connector (Terminal No. 4)
M35	A/T device (shift lock) (Terminal No. 1) (with VG engine and A/T)
M35	A/T device (overdrive control switch) (Terminal No. 5) (with A/T)
M36	Overdrive control switch (with KA engine and A/T)
M38	Combination meter (Terminal No. 13) <ul style="list-style-type: none"> Four wheel drive indicator Turn signal indicators ABS warning lamp
M76	ATP relay (Terminal Nos. 2 and 4) (with 4-wheel drive and A/T)
M112	Smart entrance control unit (Terminal No. 64) (with power door locks)
M114	Air bag diagnosis sensor unit (Terminal No. 2)
M119	ASCD control unit (Terminal No. 17) (with ASCD)
M122	Rear window defogger timer (if equipped)
M124	Passenger air bag deactivation switch (King Cab models)
M126	Passenger air bag deactivation switch indicator (King Cab models)
M130	Overdrive hold control module (Terminal No. 4) (with KA engine and A/T)
M145	Steering angle sensor (Terminal No. 1)
M149	VDC off switch (Terminal No. 1)
M150	Seat belt buckle switch RH (Terminal No. 3)
D7	Main power window and door lock/unlock switch (with power door locks) (Terminal No. 10)
D9	Front door key cylinder switch LH (with power door locks) (Terminal No. 2)
D10	Door mirror switch (Terminal No. 3)

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GROUND

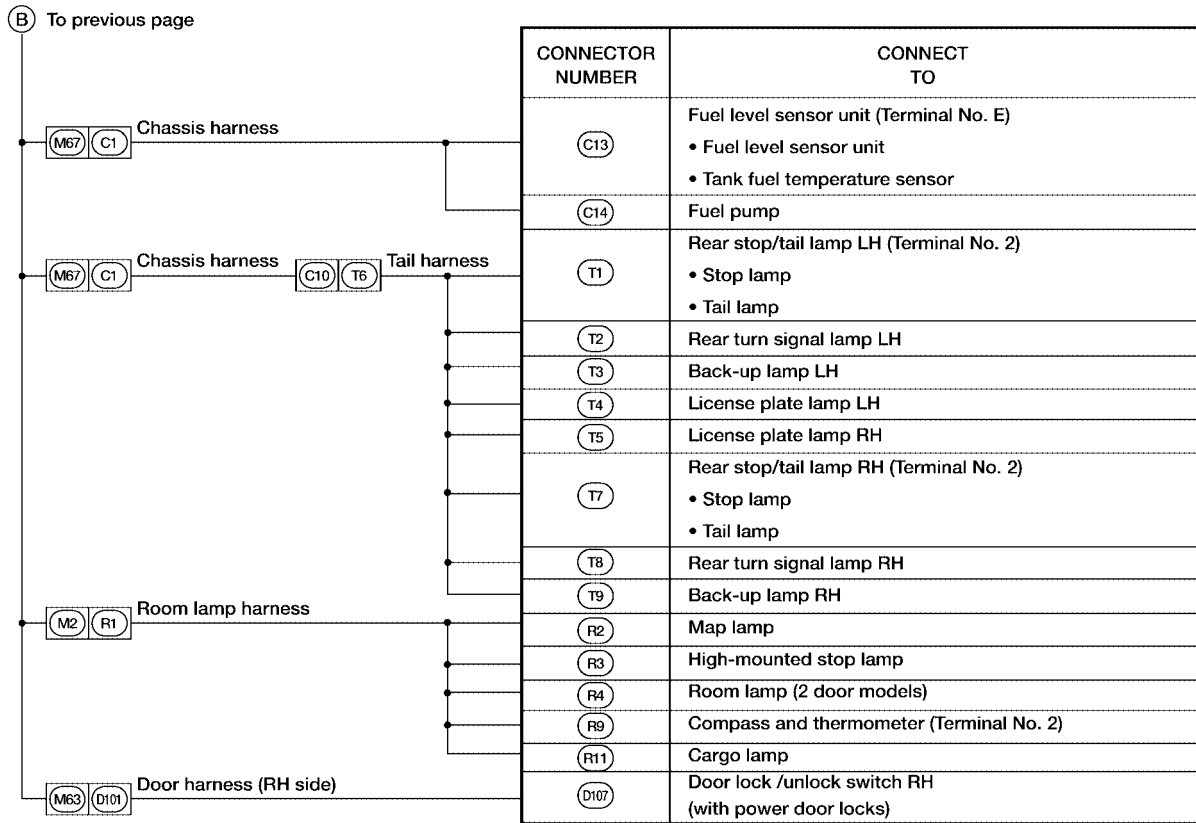
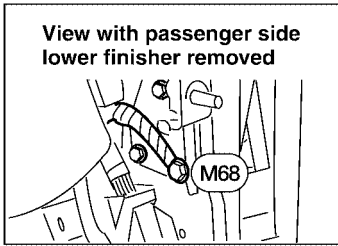
Body ground



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GROUND

Body ground



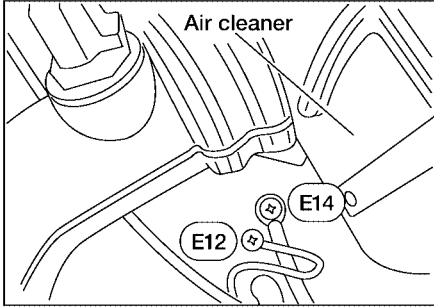
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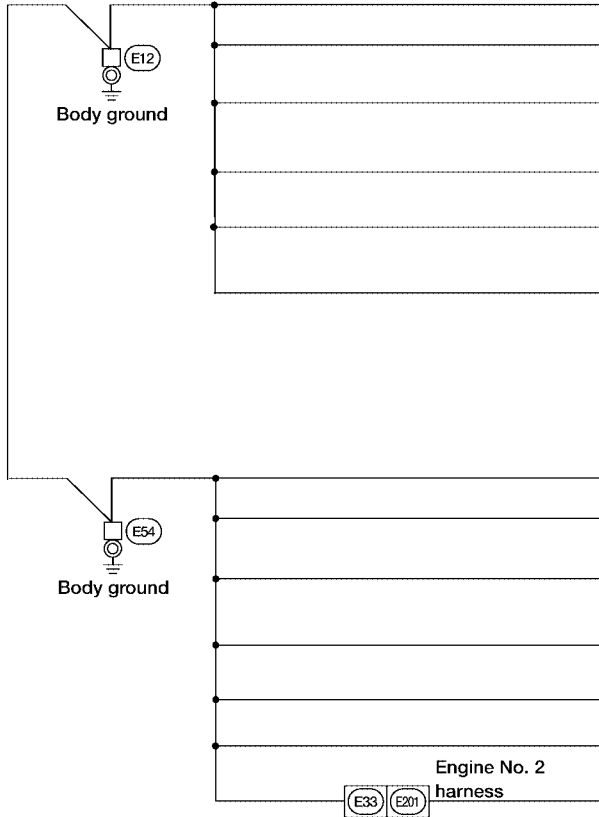
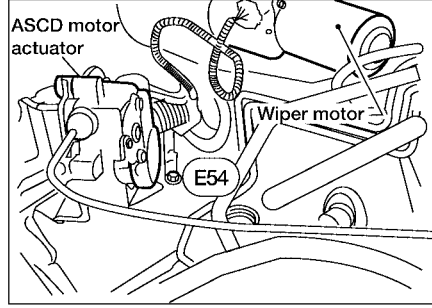
GROUND

ENGINE ROOM HARNESS KA24DE

Body ground



Body ground



CONNECTOR NUMBER	CONNECT TO
E5	Washer fluid level switch (for Canada)
E7	Headlamp LH
E13	Front combination lamp LH (Terminal No.2) • Parking lamp • Turn signal lamp
E37	Brake fluid level switch
E39	ABS actuator and electric unit (control unit) (Terminal No. 16)
E46	Front wiper switch (Terminal No. 17)

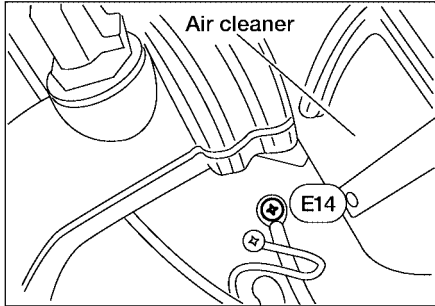
CONNECTOR NUMBER	CONNECT TO
E1	Headlamp RH
E17	Daytime light control unit (Terminal No. 9) (for Canada)
E19	Front combination lamp RH (Terminal No.2) • Parking lamp • Turn signal lamp
E27	Park neutral position (PNP) relay (Terminal No. 1)
E27	Park neutral position (PNP) relay (Terminal No. 6)
E42	Front wiper motor (Terminal No. E)
E218	Park neutral position (PNP) relay (Terminal No. 2)

WKIA0347E

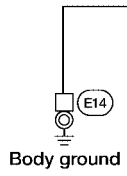
GROUND

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Body ground



CONNECTOR NUMBER	CONNECT TO
E39	ABS actuator and electric unit (control unit) (Terminal No. 47)

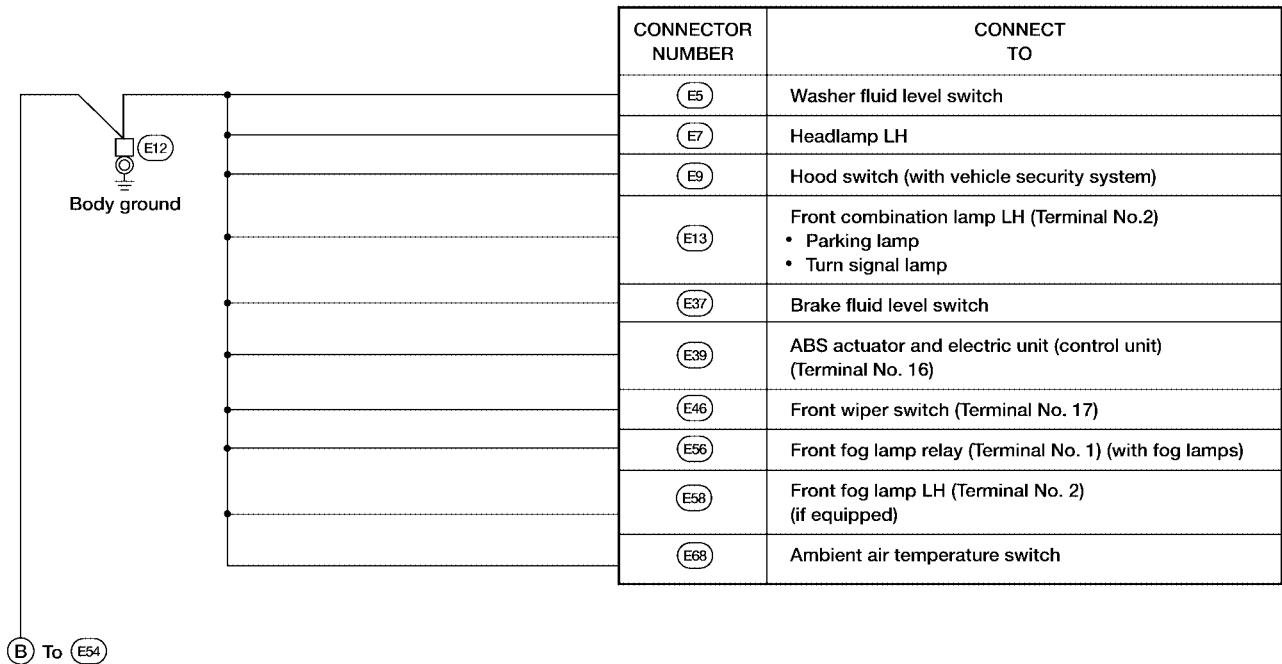
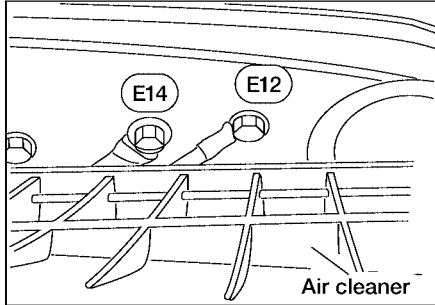


WKWA0331E

GROUND

VG33E and VG33ER

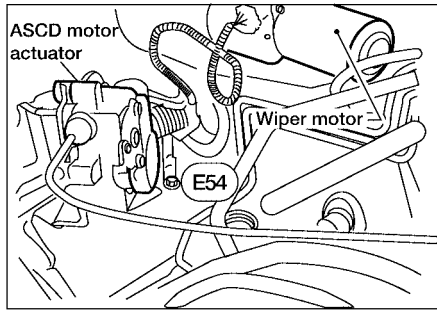
Body ground



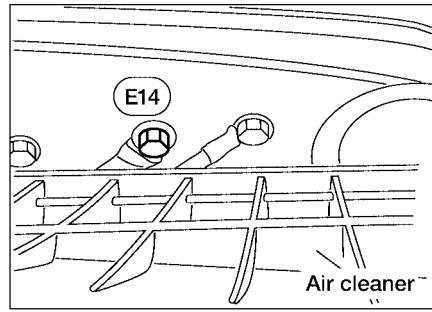
WKIA0348E

GROUND

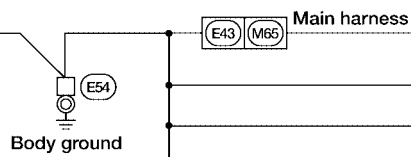
Body ground



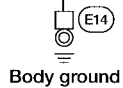
Body ground



(B) To (E12)



CONNECTOR NUMBER	CONNECT TO
(M6)	Vehicle security relay (Terminal No. 4) (with vehicle security system)
(E1)	Headlamp RH
(E17)	Daytime light control unit (Terminal No. 9) (for Canada)
(E19)	Front combination lamp RH (Terminal No. 2) • Parking lamp • Turn signal lamp
(E22)	Vehicle security lamp relay (Terminal No. 2)
(E27)	Park/neutral position (PNP) relay (Terminal No. 1) (with A/T)
(E27)	Park/neutral position (PNP) relay (Terminal No. 6) (with A/T)
(E42)	Front wiper motor (Terminal No. E)
(E57)	Front fog lamp RH (Terminal No. 2) (with fog lamps)



CONNECTOR NUMBER	CONNECT TO
(E39)	ABS actuator and electric unit (control unit) (Terminal No. 47)

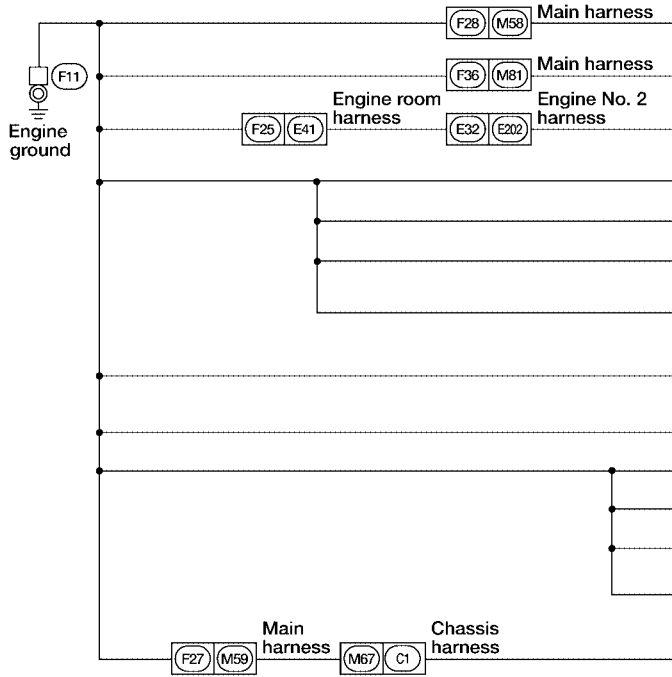
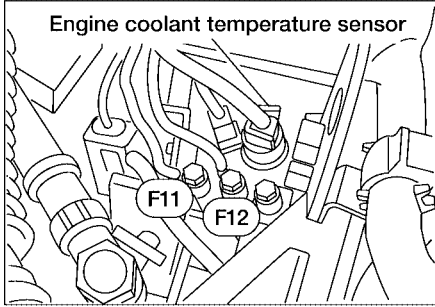
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WKIA0349E

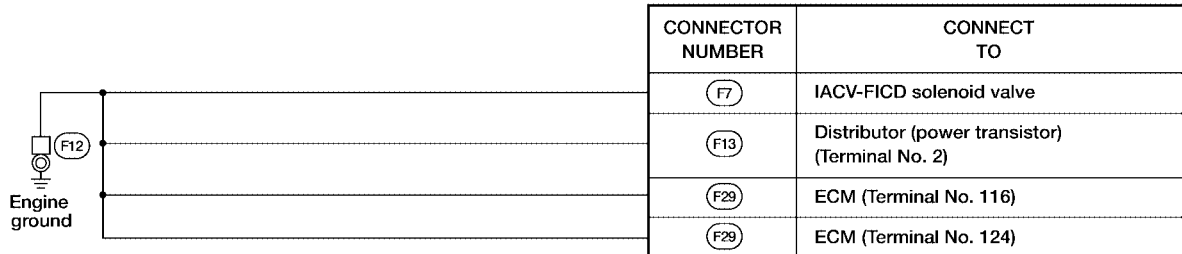
GROUND

ENGINE CONTROL HARNESS KA24DE

Engine ground



CONNECTOR NUMBER	CONNECT TO
(M21)	Heated oxygen sensor 2 (Terminal No. 4)
(M32)	Data link connector (Terminal No. 5)
(E21)	Crankshaft position sensor (OBD) (shield wire)
(F1)	Mass air flow sensor (shield wire)
(F2)	Knock sensor (shield wire)
(F3)	Throttle position sensor (shield wire)
(F13)	Distributor (camshaft position sensor) (shield wire)
(F13)	Distributor (camshaft position sensor) (Terminal No. 6)
(F14)	Resistor (ignition coil) (shield wire)
(F29)	ECM (Terminal No. 10)
(F29)	ECM (Terminal No. 19)
(F29)	ECM (Terminal No. 25)
(F29)	ECM (Terminal No. 32)
(C7)	Evap control system pressure sensor (shield wire)



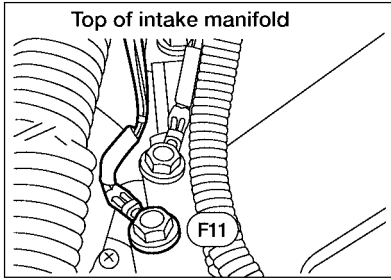
CONNECTOR NUMBER	CONNECT TO
(F7)	IACV-FICD solenoid valve
(F13)	Distributor (power transistor) (Terminal No. 2)
(F29)	ECM (Terminal No. 116)
(F29)	ECM (Terminal No. 124)

WKIA0350E

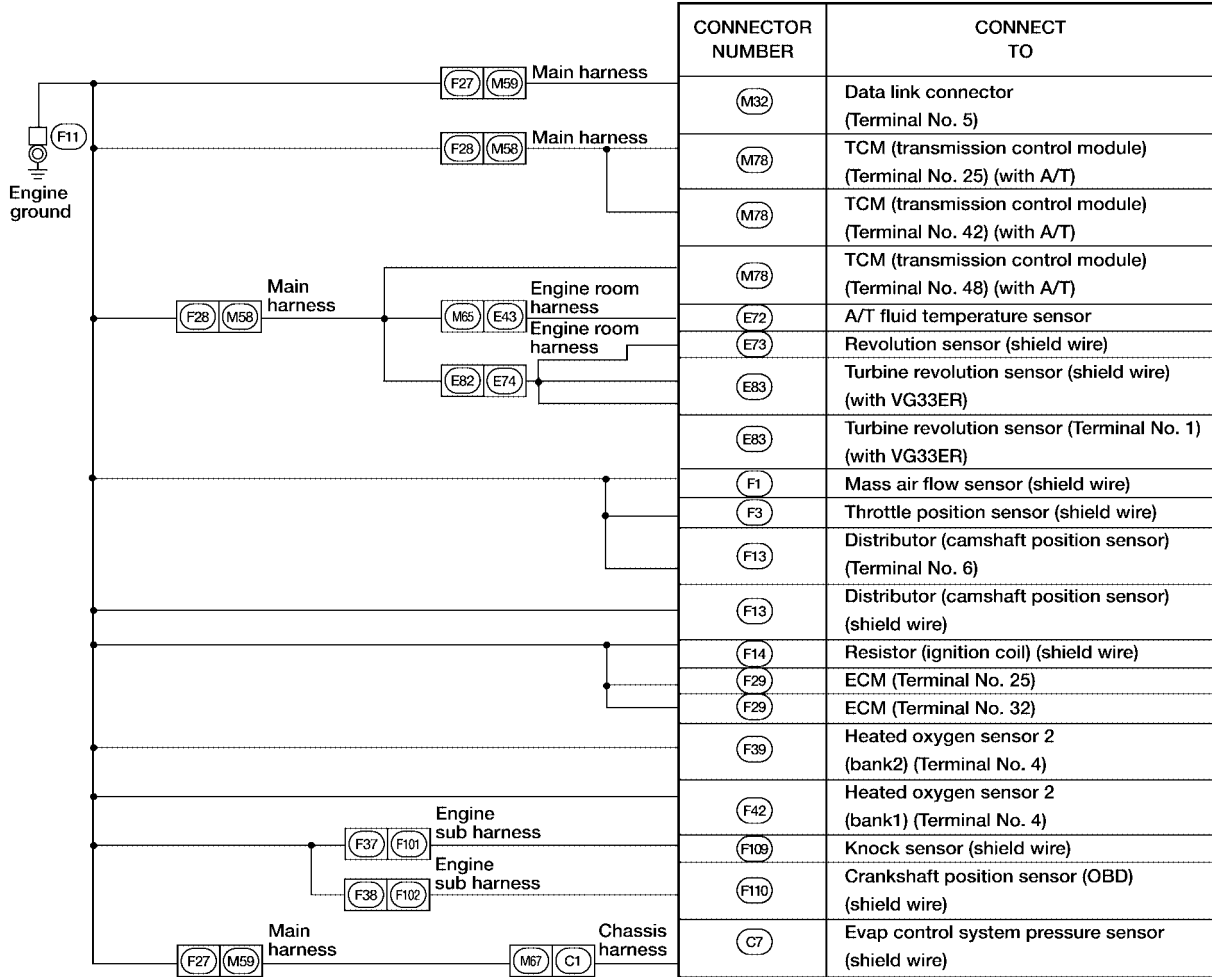
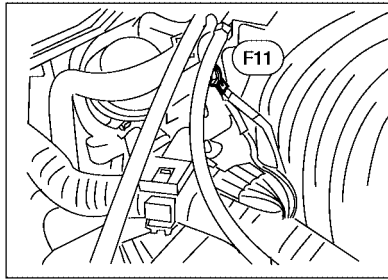
GROUND

VG33E and VG33ER

Engine ground (VG33E)



Engine ground (VG33ER)

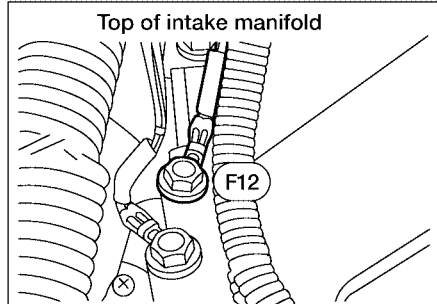


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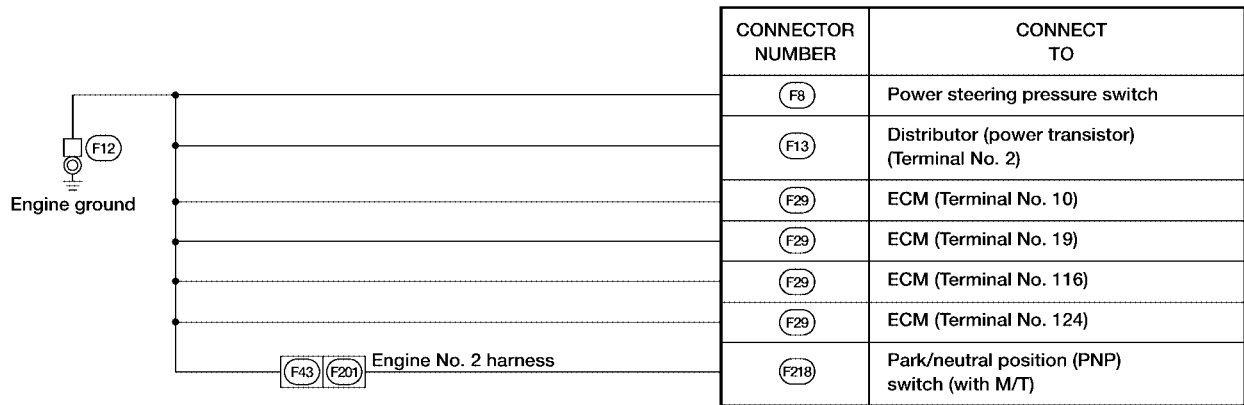
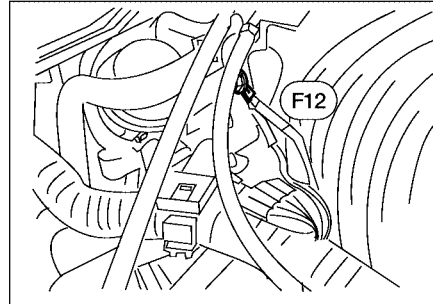
PG

GROUND

Engine ground (VG33E)



Engine ground (VG33ER)

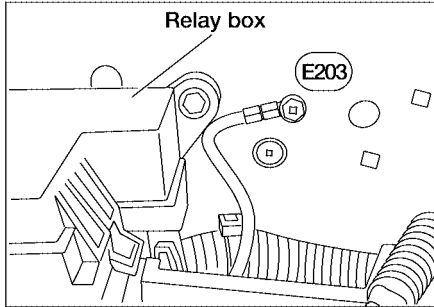


WKIA0352E

GROUND

ENGINE NO. 2 HARNESS KA24DE

Body ground



CONNECTOR NUMBER	CONNECT TO
E206	Generator

AEL710C

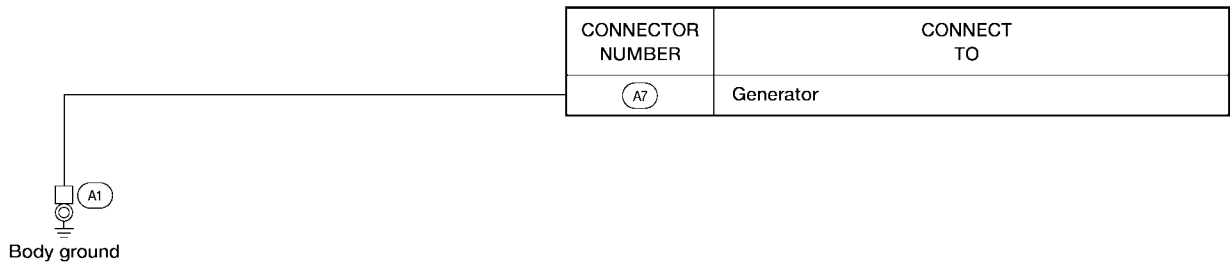
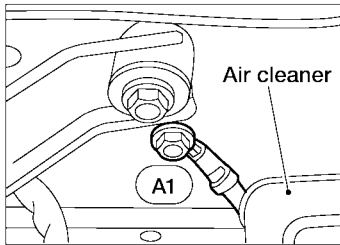
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PG

GROUND

GENERATOR HARNESS VG33E and VG33ER

Body ground



CONNECTOR NUMBER	CONNECT TO
A7	Generator

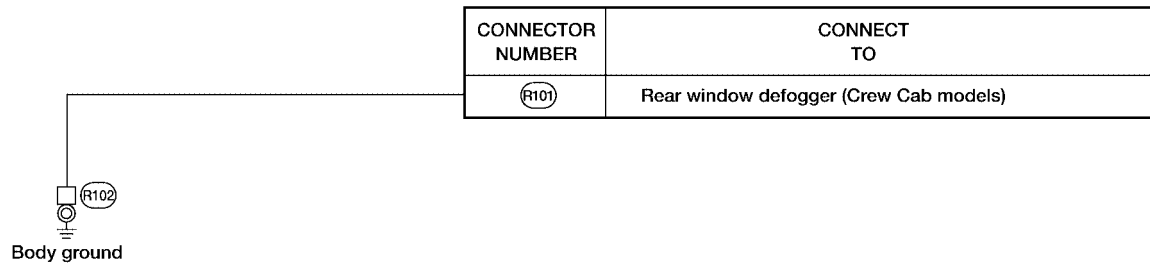
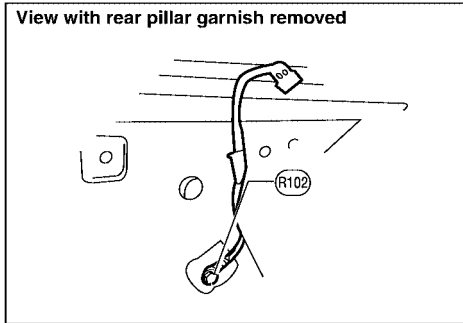
AEL697C

GROUND

ROOM LAMP HARNESS

Crew Cab models

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WEL453A

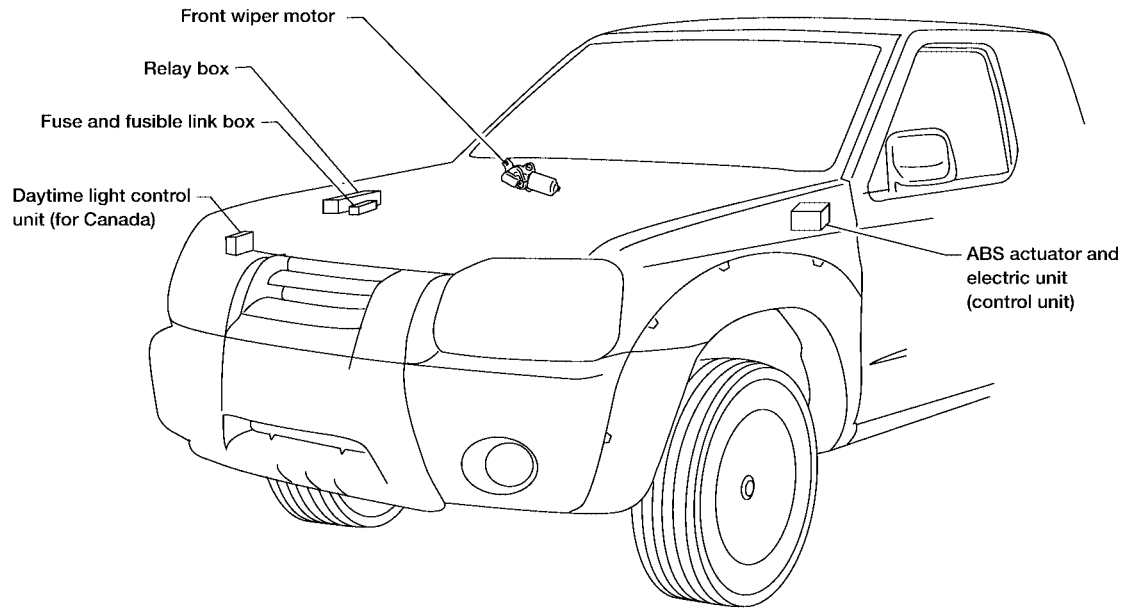
ELECTRICAL UNITS LOCATION

ELECTRICAL UNITS LOCATION

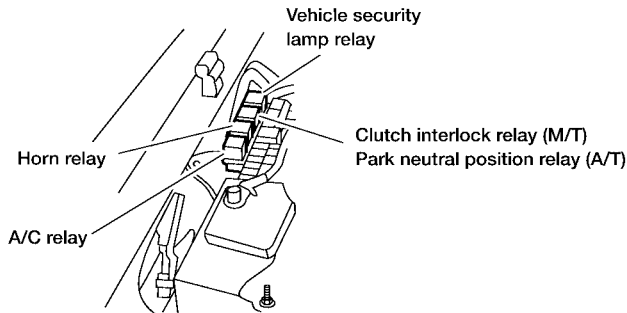
PFP:25230

Engine Compartment

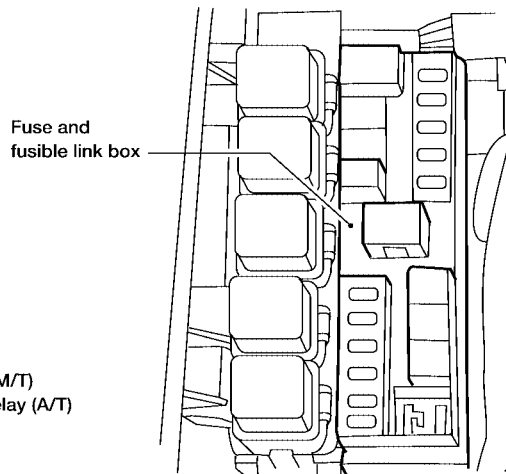
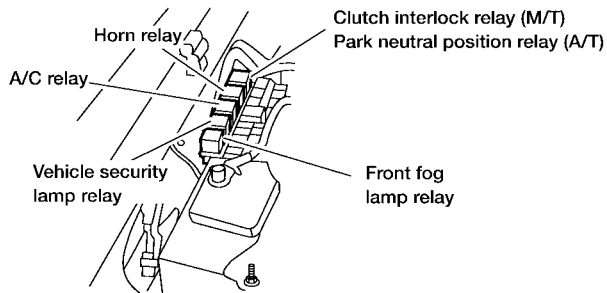
EKS0027A



KA24DE



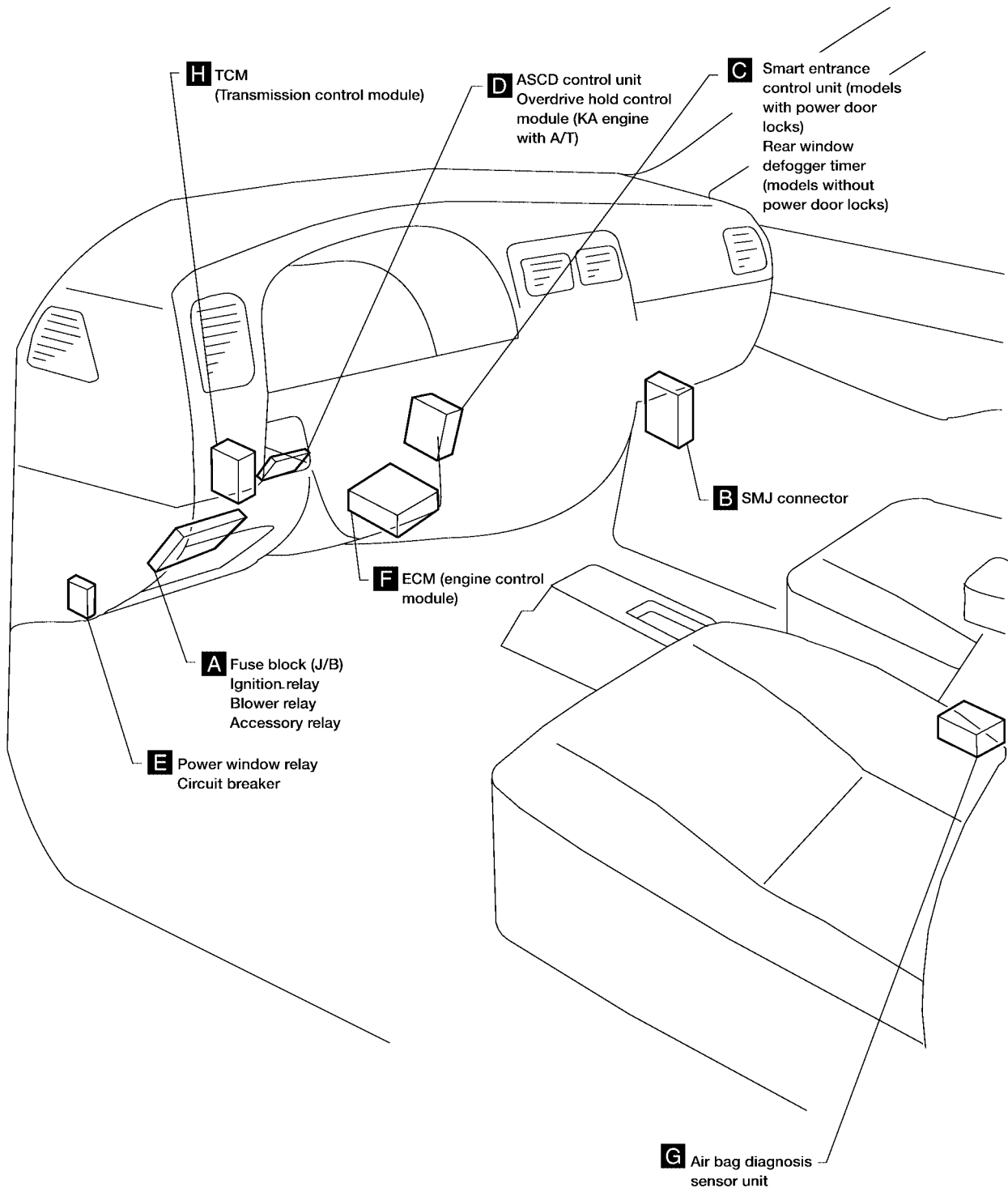
VG33E and VG33ER



ELECTRICAL UNITS LOCATION

Passenger Compartment

EKS002TB



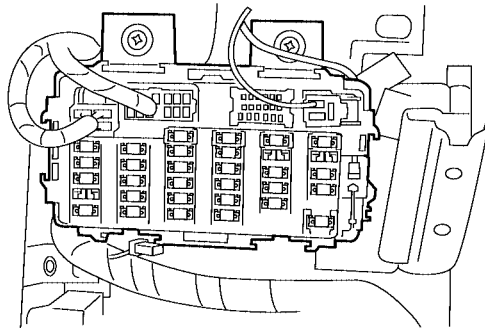
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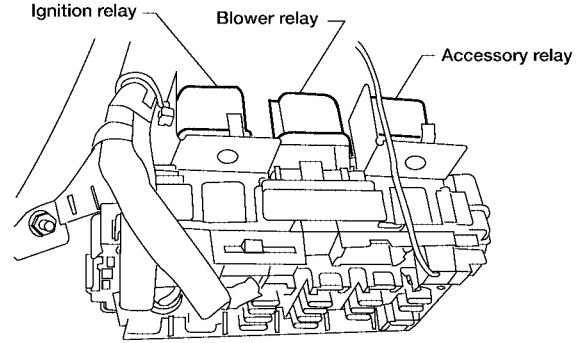
WKIA0325E

ELECTRICAL UNITS LOCATION

A



Rear view of fuse block (J/B)



B View with dash side finisher right hand removed

SMJ

3 - 5 N·m
(0.3 - 0.5 kg-m
26 - 43 in-lb)

C Smart entrance control unit → Parking brake release

M110 M111 M112

D View with instrument lower panel driver's side removed

ASCD control unit (M33)

Overdrive hold control module (KA engine) (if equipped)

E

Power window relay
Circuit breaker

F View with instrument stay cover removed

ECM (F29)

G Air bag diagnosis sensor unit

Front

H View with instrument lower panel LH removed

TCM (Transmission control module)

HARNESS LAYOUT

PF24:24010

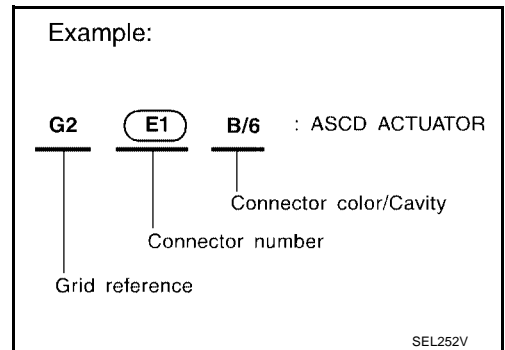
EKS003NY

HARNESS LAYOUT

How to Read Harness Layout

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

- Main Harness
- Engine Room Harness (Engine Compartment)
- Engine Control Harness



TO USE THE GRID REFERENCE

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

CONNECTOR SYMBOL

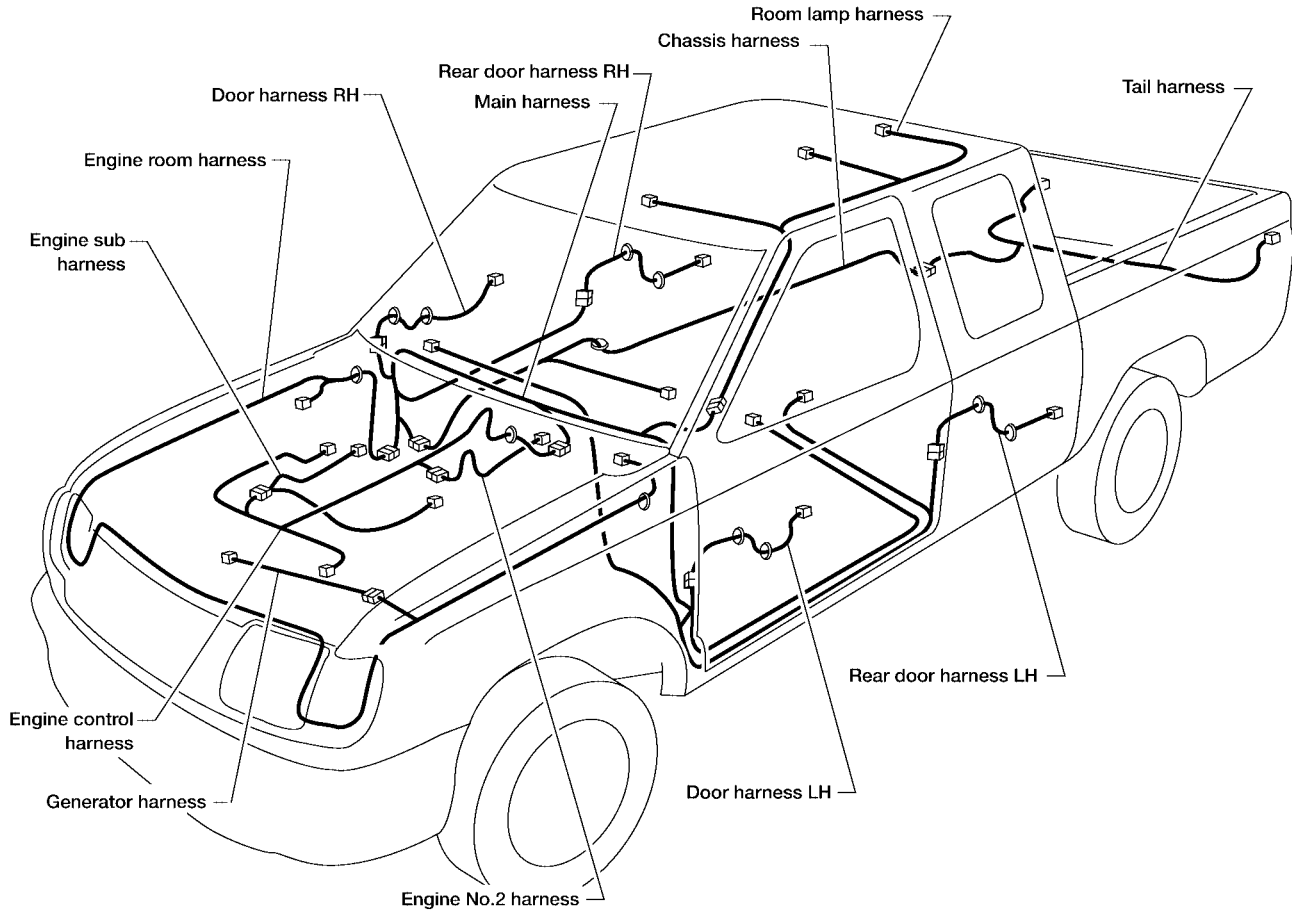
Main symbols of connector (in Harness Layout) are indicated below.

Connector type	Waterproof type		Standard type	
	Male	Female	Male	Female
<ul style="list-style-type: none"> ● Cavity: Less than 4 ● Relay connector 				
<ul style="list-style-type: none"> ● Cavity: From 5 to 8 				
<ul style="list-style-type: none"> ● Cavity: More than 9 				
<ul style="list-style-type: none"> ● Ground terminal etc. 	—			

HARNESSES LAYOUT

Outline

EKS003NZ



LEL425A

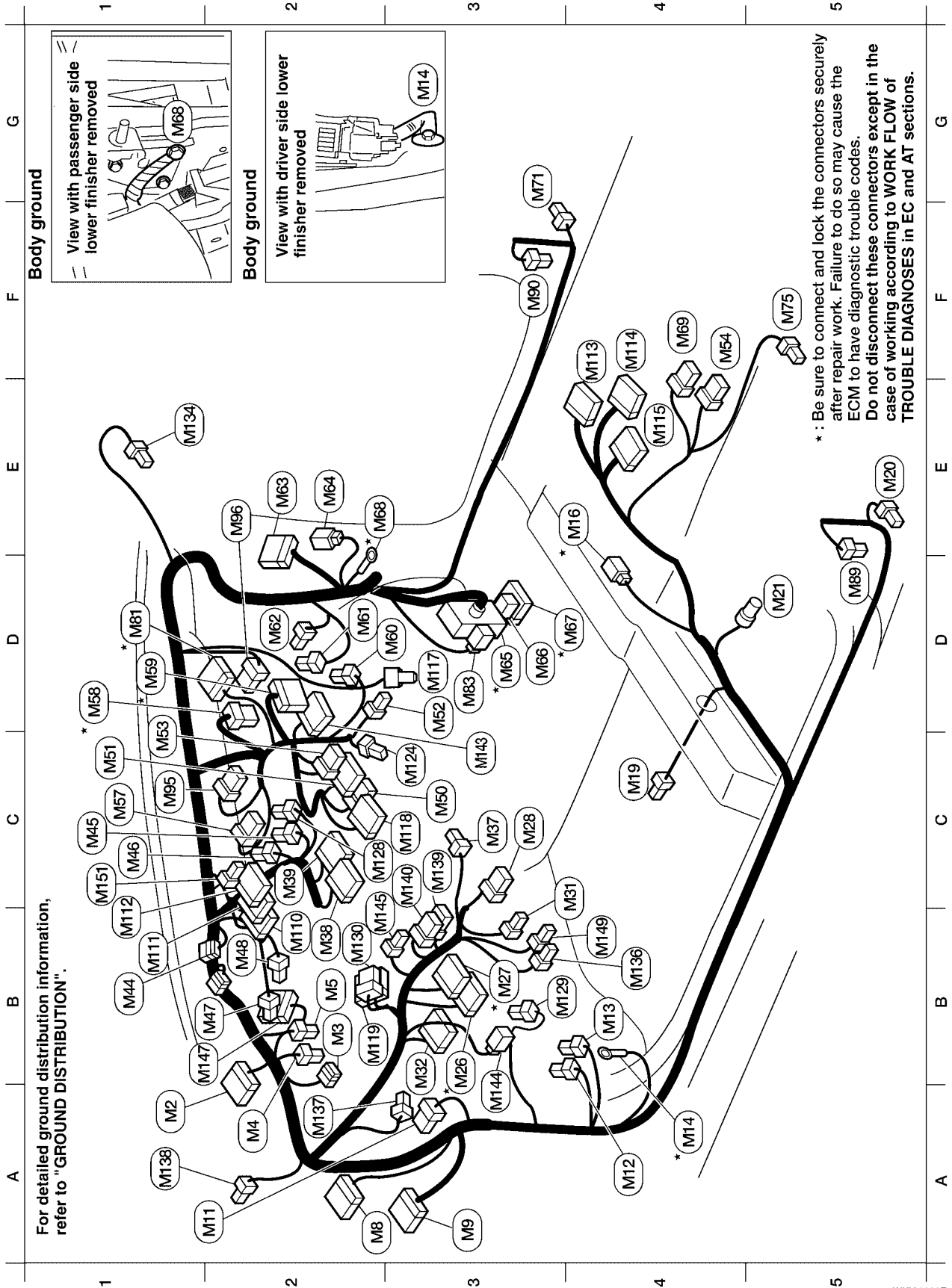
NOTE:

For detailed ground distribution information, refer to [PG-17, "Ground Distribution"](#) .

HARNESS LAYOUT

Main Harness (King Cab Models)

EKS00300



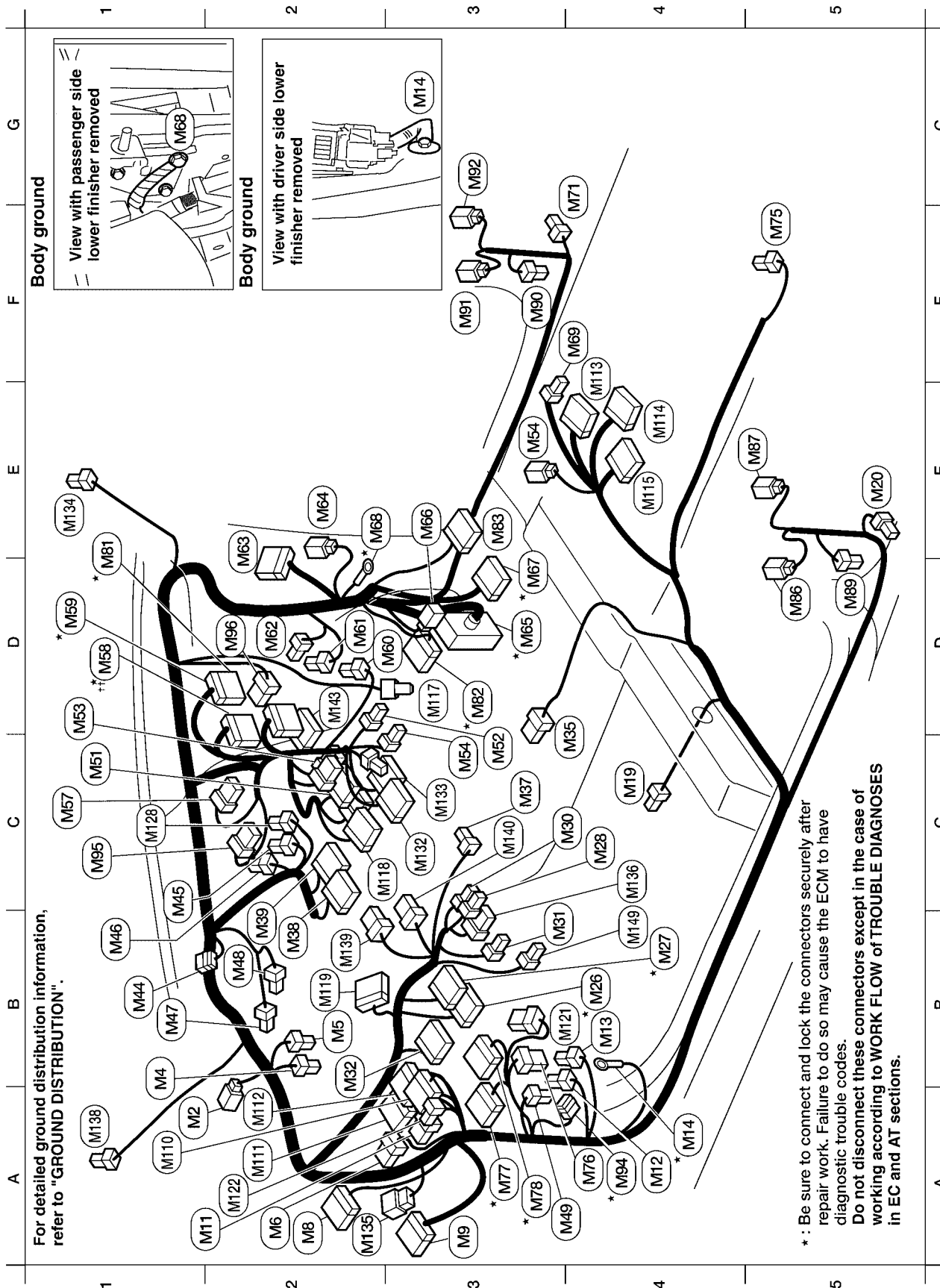
For detailed ground distribution information, refer to "GROUND DISTRIBUTION".

PG

HARNESS LAYOUT

Main Harness (Crew Cab Models)

EKS0030D



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

* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

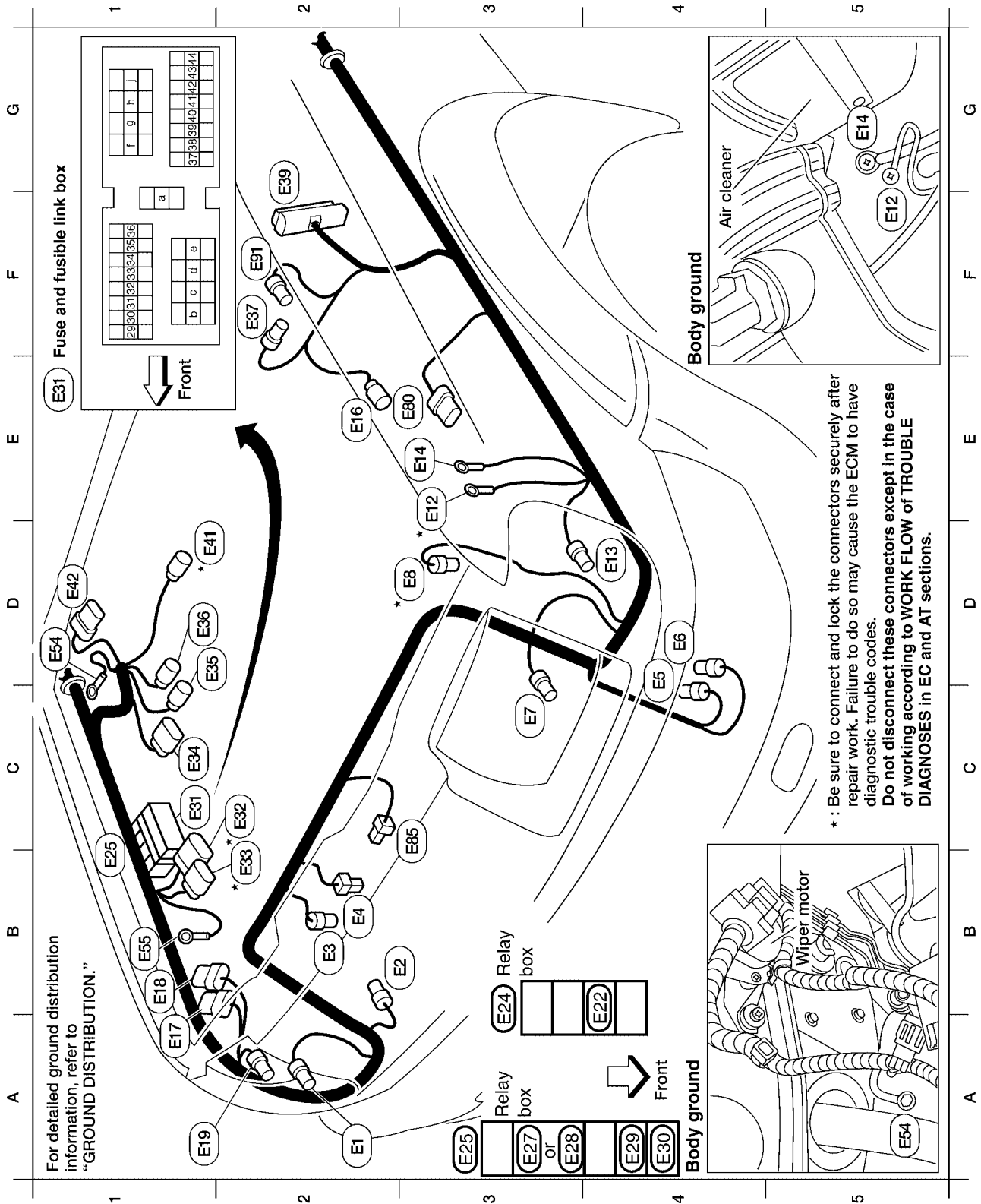
PG

WKIA0331E

HARNESS LAYOUT

Engine Room Harness (KA24DE Models) ENGINE COMPARTMENT

EKS00301



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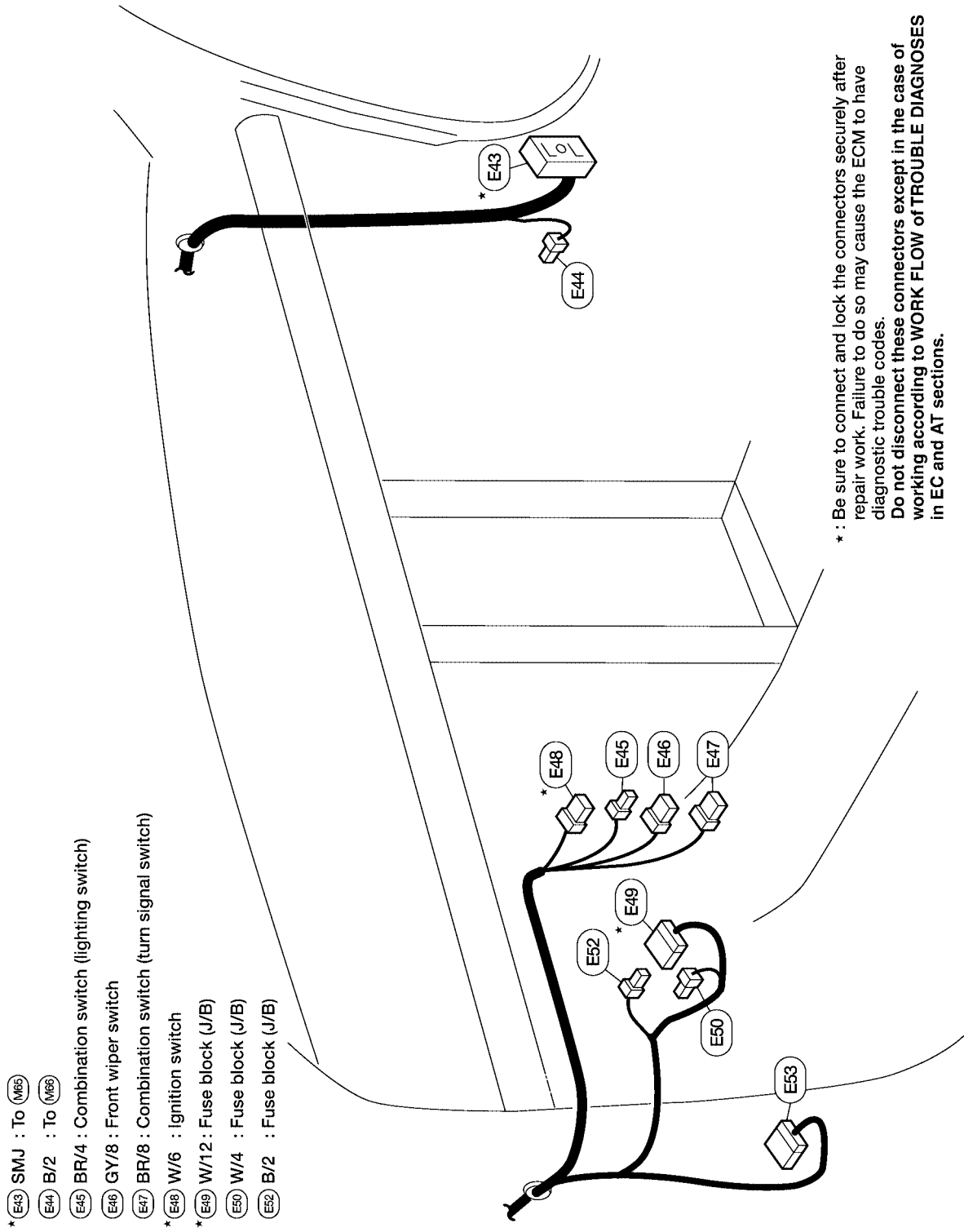
HARNES LAYOUT

A2	(E1)	B/3	: Headlamp RH	A1	(E19)	GY/3	: Front combination lamp RH	F2	(E37)	GY/2	: Brake fluid level switch
B2	(E2)	GY/2	: Front wheel sensor RH	B4	(E22)	BR/6	: Vehicle security lamp relay (with remote keyless entry)	F2	(E39)	B/31	: ABS actuator and electric unit (control unit)
B2	(E3)	B/2	: Refrigerant pressure sensor	B1	(E25)	-	: Relay box	D1	(E41)	GY/3	: To (E25)
B2	(E4)	B/1	: Horn	A3	(E27)	BR/6	: Park/neutral position (PNP) relay (with A/T)	D1	(E42)	GY/6	: Front wiper motor
C4	(E5)	BR/2	: Washer fluid level switch	A3	(E28)	L/4	: Clutch interlock relay (with M/T)	C1	(E54)	-	: Body ground
D4	(E6)	GY/2	: Front washer motor	A4	(E29)	W/3	: Horn relay	B1	(E56)	-	: Battery
C3	(E7)	B/3	: Headlamp LH	A4	(E30)	L/4	: Air conditioner relay (with A/C)		(E74)	W/24	: To (M82)
D3	(E8)	B/2	: Intake air temperature sensor	A4	(E31)	-	: Fuse and fusible link box	E3	(E80)	GY/6	: ASCD motor actuator (with ASCD)
D3	(E9)	GY/2	: Hood switch (with remote keyless entry)	C1	(E32)	GY/9	: To (E202)	C2	(E86)	Y/2	: Crash zone sensor
D3	(E12)	-	: Body ground	C2	(E33)	GY/6	: To (E201)	F2	(E91)	B/2	: Pressure switch (2WD with ABS)
D4	(E13)	GY/3	: Front combination lamp LH	B2	(E34)	GY/8	: Park/neutral position (PNP) switch (with A/T)				
E3	(E14)	-	: Body ground (with ABS)	C1	(E35)	W/2	: Park/neutral position (PNP) switch (with A/T)				
E2	(E16)	BR/2	: Front wheel sensor LH	D1	(E36)	GY/3	: Solenoid valve unit				
A1	(E17)	SB/8	: Daytime light control unit (with DTRL)								
B1	(E18)	GY/6	: Daytime light control unit (with DTRL)								

* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES

HARNESS LAYOUT

PASSENGER COMPARTMENT

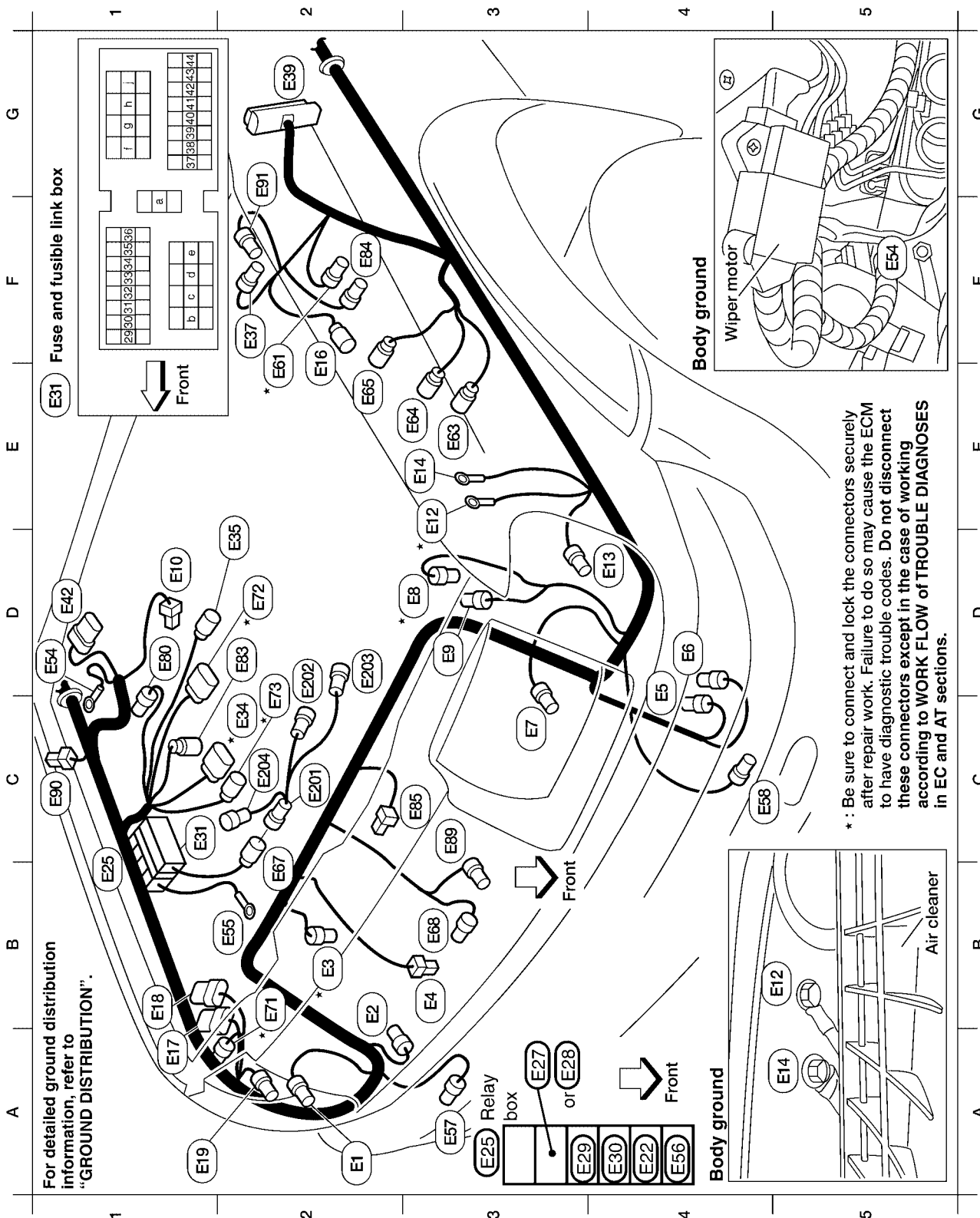


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HARNESS LAYOUT

Engine Room Harness (VG33E and VG33ER Models) ENGINE COMPARTMENT

EKS0030E



WKIA0335E

HARNESS LAYOUT

A2	(E1)	B/3	: Headlamp RH	A4	(E28)	L/4	: Clutch interlock relay (with M/T)	E2	(E65)	GY/4	: To (A5)	
B2	(E2)	GY/2	: Front wheel sensor RH	A4	(E29)	W/3	: Horn relay	C2	(E67)	GY/1	: To (E201)	
B2	*	(E3)	: Refrigerant pressure sensor	A4	(E30)	L/4	: A/C relay	B3	(E68)	GY/2	: Ambient air temperature switch	
B3	(E4)	B/1	: Horn	C1	(E31)	-	: Fuse and fusible link box	B2	*	(E71)	GY/2	: Dropping resistor
C4	(E5)	BR/2	: Washer fluid level switch	C2	*	(E34)	GY/8	D2	(E72)	BR/8	: Terminal cord assembly	
D4	(E6)	GY/2	: Front washer motor	E2	(E35)	GY/2	: Park/neutral position (PNP) switch (with A/T)	C2	*	(E73)	GY/3	: Revolution sensor
C3	(E7)	B/3	: Headlamp LH	G2	(E37)	GY/2	: Brake fluid level switch	D1	(E80)	GY/6	: ASCD motor actuator	
D3	*	(E8)	: Intake air temperature sensor	G2	(E39)	B/31	: ABS actuator and electric unit (control unit)	D2	(E83)	BR/4	: Turbine revolution sensor (with VG33ER and A/T)	
D3	(E9)	GY/2	: Hood switch (with vehicle security system)	D1	(E42)	SB/6	: Front wiper motor	F3	(E84)	B/2	: Supercharger bypass valve control solenoid valve (VG33ER models)	
D3	*	(E12)	: Body ground	D1	*	(E54)	-	C2	(E85)	Y/2	: Crash zone sensor	
D4	(E13)	GY/3	: Front combination lamp LH	D1	(E54)	-	: Body ground	B3	(E89)	B/2	: Ambient air temperature sensor	
E3	(E14)	-	: Body ground (with ABS)	B2	(E55)	-	: Battery	C1	(E90)	W/2	: Auxiliary power supply	
E2	(E16)	BR/2	: Front wheel sensor LH	A3	(E56)	L/4	: Front fog lamp relay (relay box)	F2	(E91)	B/3	: Pressure sensor (with VDC)	
A1	(E17)	SB/8	: Daytime light control unit (with DTRL)	A3	(E57)	GY/2	: Front fog lamp RH	F2	(E91)	B/2	: Pressure sensor (with VDC)	
B1	(E18)	SB/6	: Daytime light control unit (with DTRL)	C4	(E58)	GY/2	: Front fog lamp LH	C2	(E201)	GY/1	: To (E67)	
A1	(E19)	GY/3	: Front combination lamp RH	E2	*	(E61)	L/2	D2	(E202)	GY/1	: Starter motor	
A3	(E22)	BR/6	: Vehicle security lamp relay (with power door locks)	E3	(E66)	GY/1	: EVAP canister purge volume control solenoid valve	D2	(E203)	-	: Starter motor	
C1	(E26)	-	: Relay box	E3	(E64)	GY/1	: To (A4)	C2	(E204)	-	: Battery	
A3	*	(E27)	: Park/neutral position (PNP) relay (with A/T)									

* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes.

Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

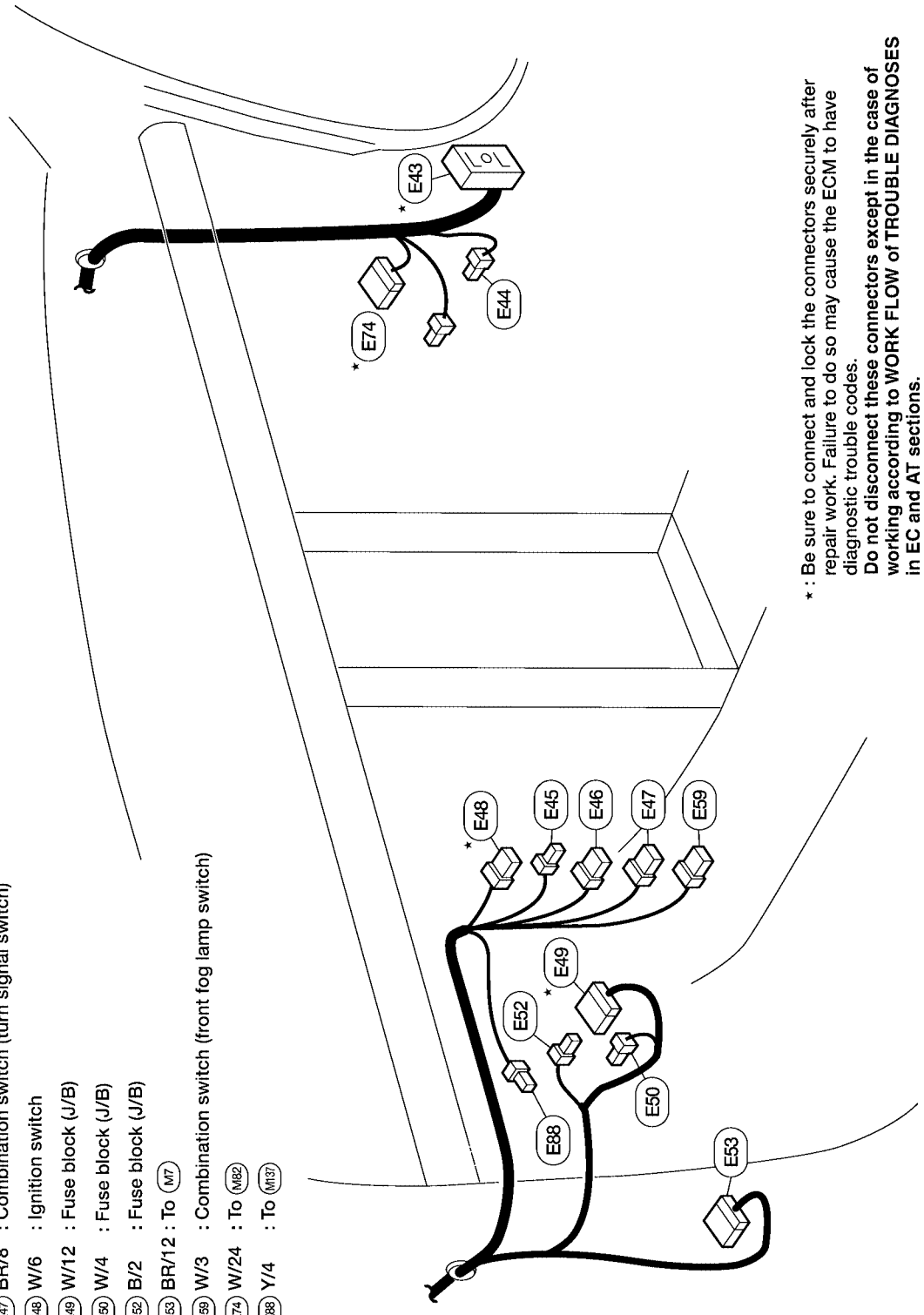
PG

L M

HARNES LAYOUT

PASSENGER COMPARTMENT

- * E43 SMJ : To (M65)
- E44 W/4 : To (M66)
- E45 BR/4 : Combination switch (lighting switch)
- E46 GY/8 : Front wiper switch
- E47 BR/8 : Combination switch (turn signal switch)
- * E48 W/6 : Ignition switch
- * E49 W/12 : Fuse block (J/B)
- E50 W/4 : Fuse block (J/B)
- E52 B/2 : Fuse block (J/B)
- E53 BR/12 : To (M7)
- E59 W/3 : Combination switch (front fog lamp switch)
- * E74 W/24 : To (M82)
- E88 Y/4 : To (M137)

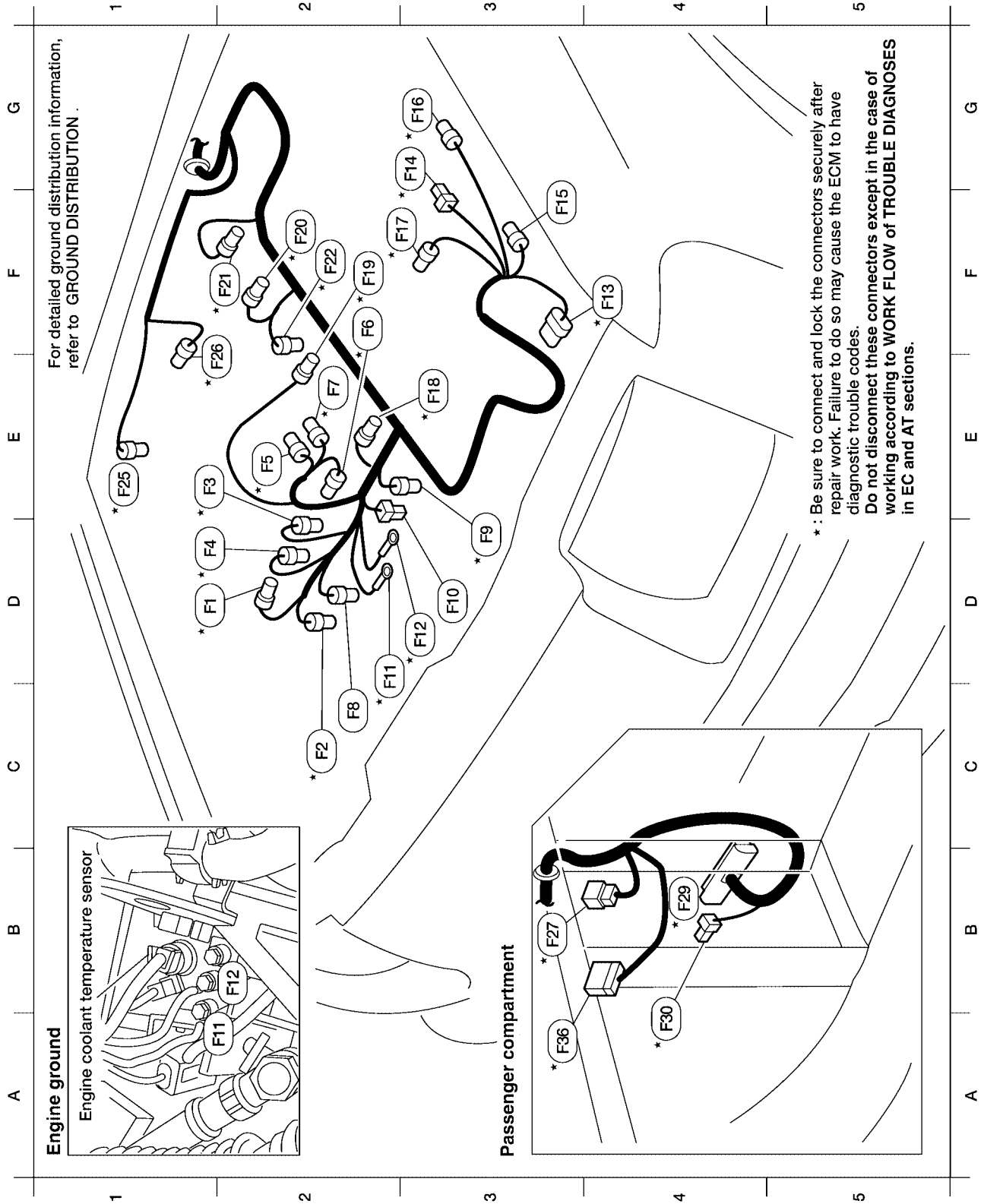


* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes.
 Do not disconnect these connectors except in the case of working according to **WORK FLOW of TROUBLE DIAGNOSES** in EC and AT sections.

HARNES LAYOUT

Engine Control Harness (KA24DE Models)

EKS00302



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WKIA0305E

HARNESS LAYOUT

D2	*	F1	BR/4	: Mass air flow sensor	F3	*	F17	GY/2	: Distributor (ignition coil)
C2	*	F2	GY/2	: To F101	E3	*	F18	B/2	: Injector No. 1
D2	*	F3	BR/3	: Throttle position sensor	F2	*	F19	B/2	: Injector No. 2
D2	*	F4	GY/3	: Throttle position switch (closed throttle position switch and wide open throttle position switch)	F2	*	F20	B/2	: Injector No. 3
E2	*	F5	GY/2	: EGR temperature sensor	F2	*	F21	B/2	: Injector No. 4
F2	*	F6	BR/2	: IACV-AAC valve	F2	*	F22	G/2	: EGRC-solenoid valve
E2	*	F7	PU/2	: IACV-FICD solenoid valve	E1	*	F25	GY/3	: To E41
C2		F8	B/1	: Power steering pressure switch	E2	*	F26	L/2	: EVAP canister purge volume control solenoid valve
D3	*	F9	GY/2	: Engine coolant temperature sensor	B3	*	F27	W/16	: To M59
D3		F10	B/1	: Thermal transmitter	B4	*	F29	GY/124	: ECM
D2	*	F11	-	: Engine ground	A4	*	F30	L/4	: ECM relay
D3	*	F12	-	: Engine ground	A3	*	F36	W/20	: To M81
F4	*	F13	GY/6	: Distributor (camshaft position sensor)					
G3	*	F14	GY/2	: Resistor					
F3		F15	B/1	: A/C compressor					
G3	*	F16	SB/3	: Heated oxygen sensor 1					

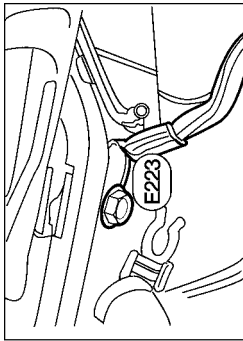
* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

HARNESS LAYOUT

Engine No. 2 Harness (KA24DE Models)

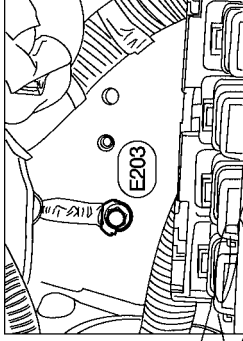
EKS0030F

Engine ground

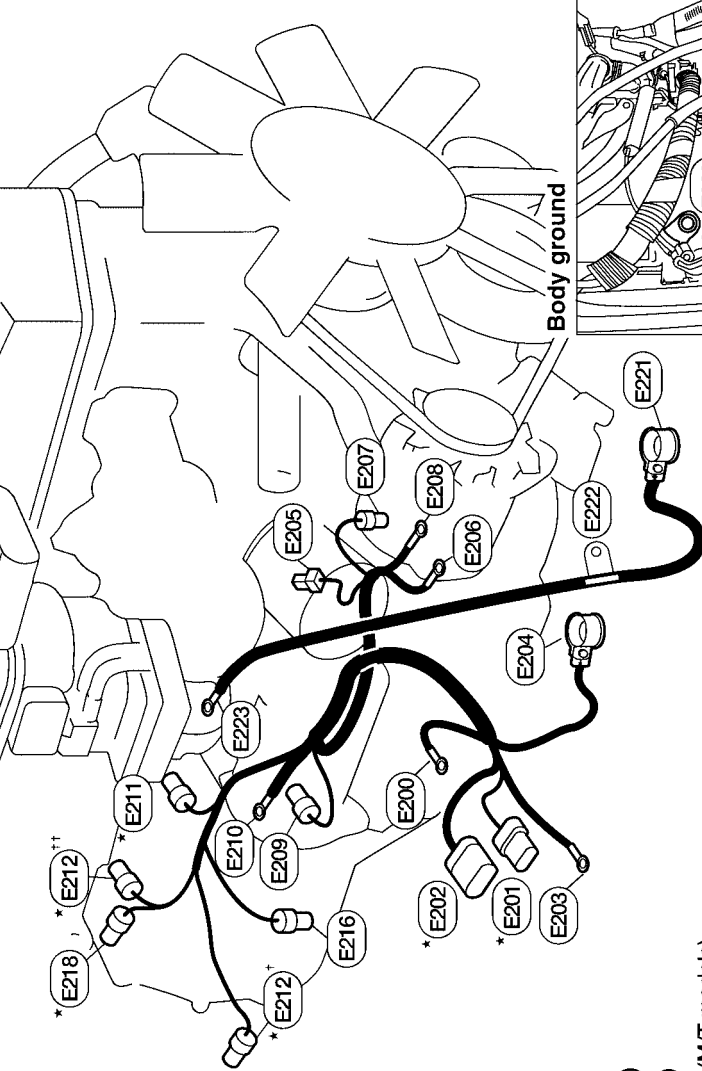


For detailed ground distribution information, refer to "GROUND DISTRIBUTION".

Body ground



- ⓔ200 - : Relay box
- * ⓔ201 SB/6 : To ⓔ33
- * ⓔ202 GY/9 : To ⓔ32
- ⓔ203 - : Body ground
- ⓔ204 - : Battery positive terminal
- ⓔ205 GY/1 : Oil pressure switch
- ⓔ206 - : Generator
- ⓔ207 GY/2 : Generator
- ⓔ208 - : Generator
- ⓔ209 GY/1 : Starter motor
- ⓔ210 - : Starter motor
- * ⓔ211 GY/2 : Crankshaft position sensor (OBD)
- * ⓔ212+ GY/2 : Vehicle speed sensor (A/T models)
- * ⓔ212++ GY/2 : Vehicle speed sensor (M/T models)
- ⓔ216 GY/2 : Back-up lamp switch (M/T models)
- * ⓔ218 B/2 : Park/neutral position (PNP) switch (M/T models)



- ⓔ221 - : Battery negative terminal
- ⓔ222 - : Body ground
- ⓔ223 - : Engine ground

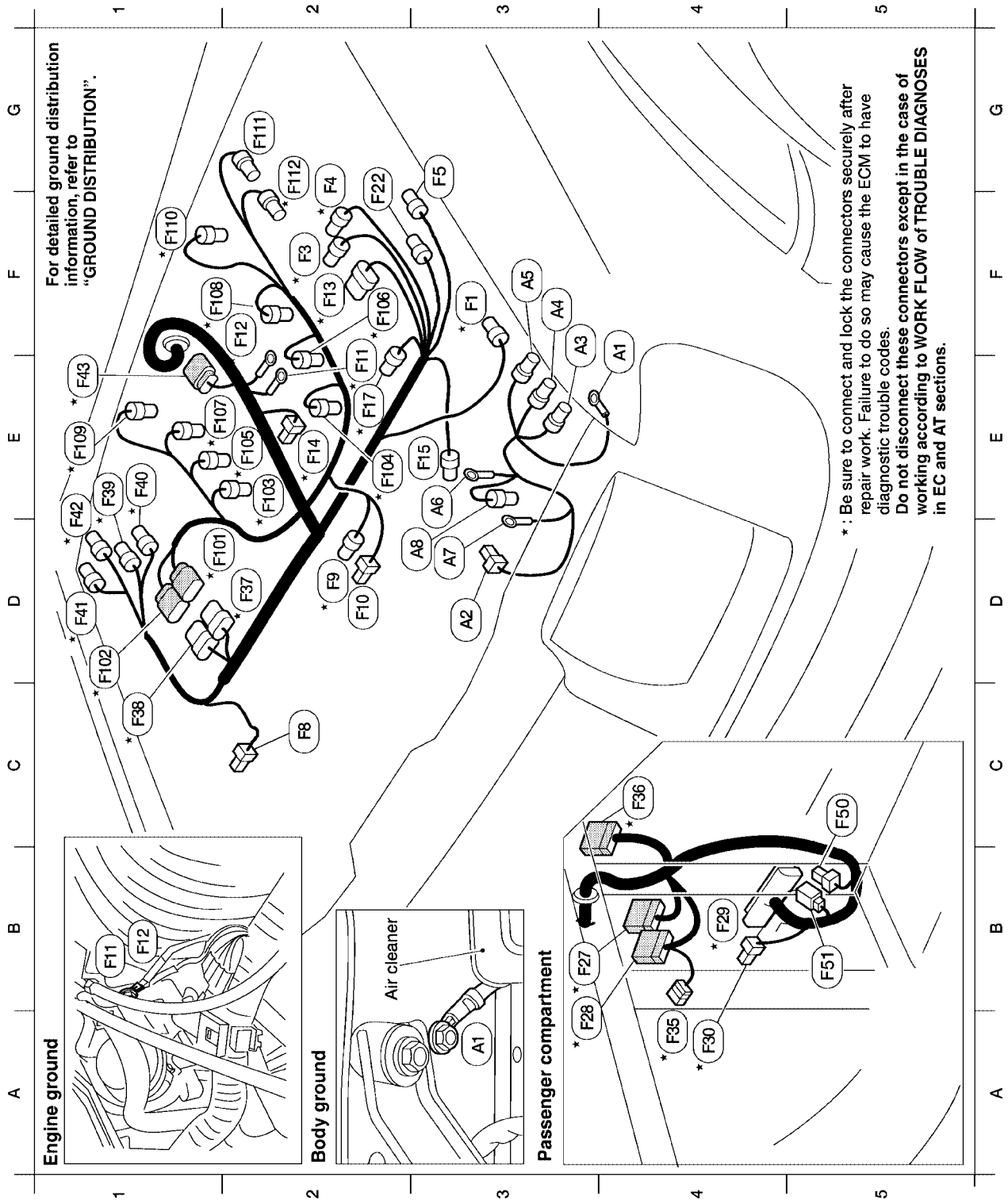
* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except to the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

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HARNES LAYOUT

Engine Control Harness (VG33E Models)

EKS0030G

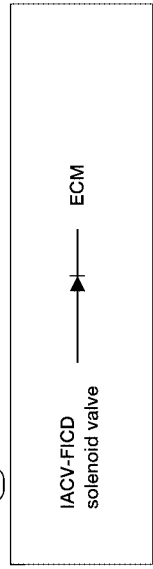


WKIA0307E

ENGINE CONTROL HARNESS

- F3 * F1 BR/4 : Mass air flow sensor
- F2 * F3 BR/3 : Throttle position sensor
- F2 F4 GY/3 : Throttle position switch (closed throttle position switch and wide open throttle position switch)
- G3 F5 GY/2 : EGR temperature sensor
- C2 F8 B/2 : Power steering oil pressure switch
- D2 * F9 GY/2 : Engine coolant temperature sensor
- D2 F10 B/1 : Thermal transmitter
- E2 * F11 - : Engine ground
- F2 * F12 - : Engine ground
- F2 * F13 GY/6 : Distributor (camshaft position sensor)
- E2 * F14 GY/2 : Resistor
- E3 F15 B/1 : A/C compressor
- E2 * F17 GY/2 : Distributor (ignition coil)
- G2 F22 B/2 : EGRC solenoid valve
- B3 * F27 W/16 : To N459
- A3 * F28 W/16 : To N458
- B4 * F29 GY/124 : ECM
- A4 * F30 L/4 : ECM relay
- A4 * F35 B/2 : Diode-5
- C4 * F36 W/24 : To N481
- D2 * F37 B/8 : To F101
- C1 * F38 GY/8 : To F102
- E1 * F39 GY/4 : Heated oxygen sensor 2 (bank 2)
- E1 * F40 GY/3 : Heated oxygen sensor 1 (bank 2)
- D1 * F41 GY/3 : Heated oxygen sensor 1 (bank 1)
- D1 * F42 GY/4 : Heated oxygen sensor 2 (bank 1)
- E1 * F43 GY/8 : To F201

Diode F35



ENGINE CONTROL HARNESS (CONTINUED)

- C5 F50 W/1 : To F51
- B5 F51 W/1 : To F50

ENGINE SUB HARNESS

- D2 * F101 B/8 : To F37
- D1 * F102 GY/8 : To F38
- E2 * F103 B/2 : Injector No. 1
- E2 * F104 B/2 : Injector No. 2
- E2 * F105 B/2 : Injector No. 3
- F2 * F106 B/2 : Injector No. 4
- E2 * F107 B/2 : Injector No. 5
- F1 * F108 B/2 : Injector No. 6
- E1 * F109 GY/2 : Knock sensor
- F1 * F110 GY/3 : Crankshaft position sensor (OBD)
- G2 * F111 GY/2 : IACV-FICD solenoid valve
- G2 * F112 BR/2 : IACV-AAC valve

GENERATOR HARNESS

- F4 A1 - : Body ground
- D3 A2 GY/1 : Oil pressure switch
- F3 A3 GY/1 : To E63
- F3 A4 GY/1 : To E64
- F3 A5 GY/3 : To E65
- E3 A6 - : Generator
- D3 A7 - : Generator
- D3 A8 GY/2 : Generator

* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

ENGINE CONTROL HARNESS

- F3 * (F1) BR/4 : Mass air flow sensor
- F2 * (F3) BR/3 : Throttle position sensor
- F2 (F4) GY/3 : Throttle position switch (closed throttle position switch and wide open throttle position switch)
- C2 (F8) B/2 : Power steering oil pressure switch
- E2 * (F11) - : Engine ground
- F2 * (F12) - : Engine ground
- F2 * (F13) GY/6 : Distributor (camshaft position sensor)
- E2 * (F14) GY/2 : Resistor
- E3 (F15) B/1 : A/C compressor
- E2 * (F17) GY/2 : Distributor (ignition coil)
- B3 * (F27) W/16 : To (M59)
- A3 * (F28) W/16 : To (M58)
- B4 * (F29) GY/124 : ECM
- A4 * (F30) L/4 : ECM relay
- A4 * (F35) SB/2 : Diode
- C4 * (F36) W/24 : To (M81)
- D2 * (F37) G/10 : To (F101)
- C1 * (F38) GY/10 : To (F102)
- E1 * (F39) GY/4 : Heated oxygen sensor 2 (bank 2)
- E1 * (F40) GY/3 : Heated oxygen sensor 1 (bank 2)
- D1 * (F41) GY/3 : Heated oxygen sensor 1 (bank 1)
- D1 * (F42) GY/4 : Heated oxygen sensor 2 (bank 1)
- E1 * (F43) B/8 : To (F201)
- C5 (F50) W/1 : To (F51)
- B5 (F51) W/1 : To (F50)

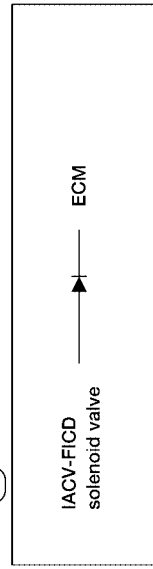
ENGINE SUB HARNESS

- D2 * (F101) G/10 : To (F37)
- D1 * (F102) GY/10 : To (F38)
- E2 * (F103) B/2 : Injector No. 1
- E2 * (F104) B/2 : Injector No. 2
- E2 * (F105) B/2 : Injector No. 3
- F2 * (F106) B/2 : Injector No. 4
- E2 * (F107) B/2 : Injector No. 5
- F1 * (F108) B/2 : Injector No. 6
- E1 * (F109) GY/2 : Knock sensor
- F1 * (F110) GY/2 : Crankshaft position sensor (OBD)
- G2 (F111) GY/2 : IACV-FICD solenoid valve
- G2 * (F112) BR/2 : IACV-AAC valve
- D2 * (F113) GY/2 : Engine coolant temperature sensor
- D2 * (F114) B/1 : Thermal transmitter

GENERATOR HARNESS

- F4 (A1) - : Body ground
- D3 (A2) GY/1 : Oil pressure switch
- F3 (A3) GY/1 : To (E63)
- F3 (A4) GY/1 : To (E64)
- F3 (A5) GY/3 : To (E65)
- E3 (A6) - : Generator
- D3 (A7) - : Generator
- D3 (A8) GY/2 : Generator

Diode (F35)

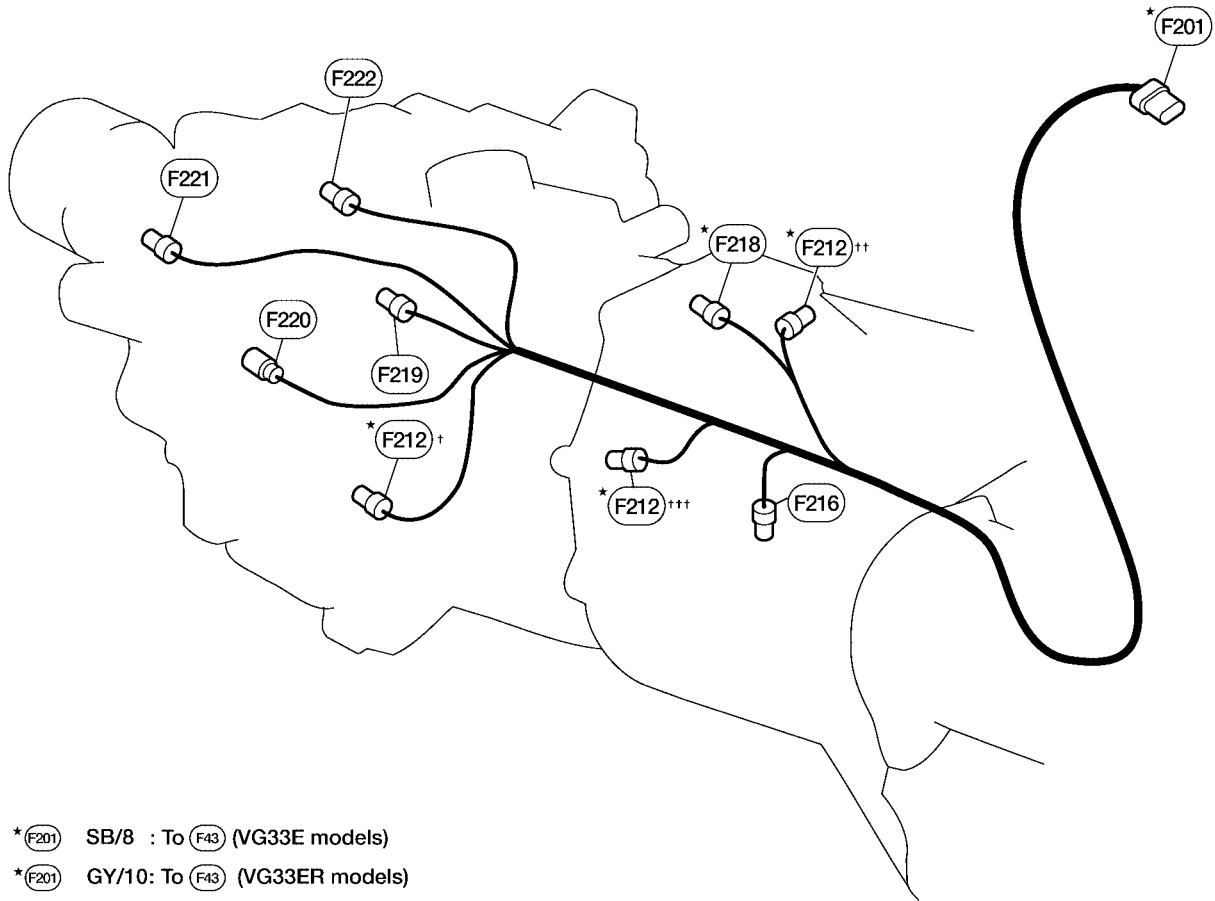


* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

HARNESS LAYOUT

Engine No. 2 Harness (VG33E and VG33ER Models)

EKS00303



- * F201 SB/8 : To F43 (VG33E models)
- * F201 GY/10: To F43 (VG33ER models)
- * F212+ GY/2 : Vehicle speed sensor (with 4WD)
- * F212++ GY/2 : Vehicle speed sensor (with 2WD M/T)
- * F212+++ GY/2 : Vehicle speed sensor (with 2WD A/T)
- F216 GY/2 : Back-up lamp switch (with M/T)
- * F218 B/2 : Park/neutral position (PNP) switch (with M/T)
- F219 GY/1 : 4WD switch (with M/T)
- F220 GY/1 : 4WD switch (with M/T)
- F221 GY/2 : 4WD switch (with A/T)
- F222 B/2 : Transfer neutral position switch (with A/T)

* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

WEL964A

HARNESS LAYOUT

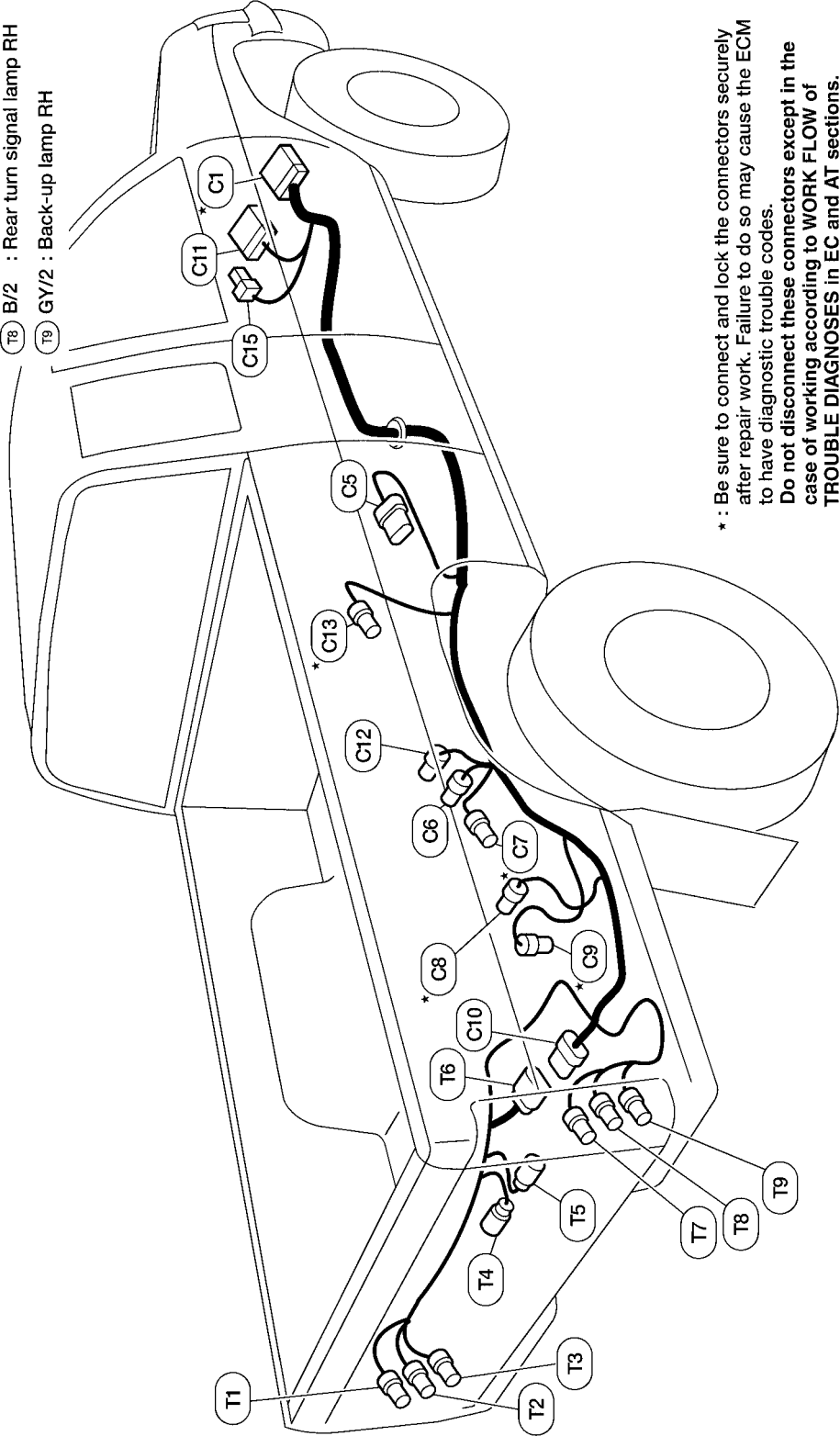
Chassis and Tail Harness (KA24DE Models)

EKS00304

- Tail harness**
- (T1) B/3 : Rear stop/tail lamp LH
 - (T2) B/2 : Turn signal lamp LH
 - (T3) GY/2 : Back-up lamp LH
 - (T4) GY/2 : License plate lamp LH
 - (T5) GY/2 : License plate lamp RH
 - (T6) GY/6 : To (C10)
 - (T7) B/3 : Rear stop/tail lamp RH
 - (T8) B/2 : Rear turn signal lamp RH
 - (T9) GY/2 : Back-up lamp RH

- Chassis harness**
- (C12) GY/4 : Rear wheel sensor
 - (C15) W/2 : To (M16)

- Chassis harness**
- * (C1) W/16 : To (M17)
 - (C5) GY/6 : Fuel level sensor unit and fuel pump
 - (C6) GY/2 : Rear wheel sensor
 - * (C7) BR/3 : EVAP control system pressure sensor
 - * (C8) B/2 : EVAP canister vent control valve
 - * (C9) G/2 : Vacuum cut valve bypass valve
 - (C10) GY/6 : To (T6)



* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes.
 Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

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HARNES LAYOUT

Chassis and Tail Harness (VG33E and VG33ER Models)

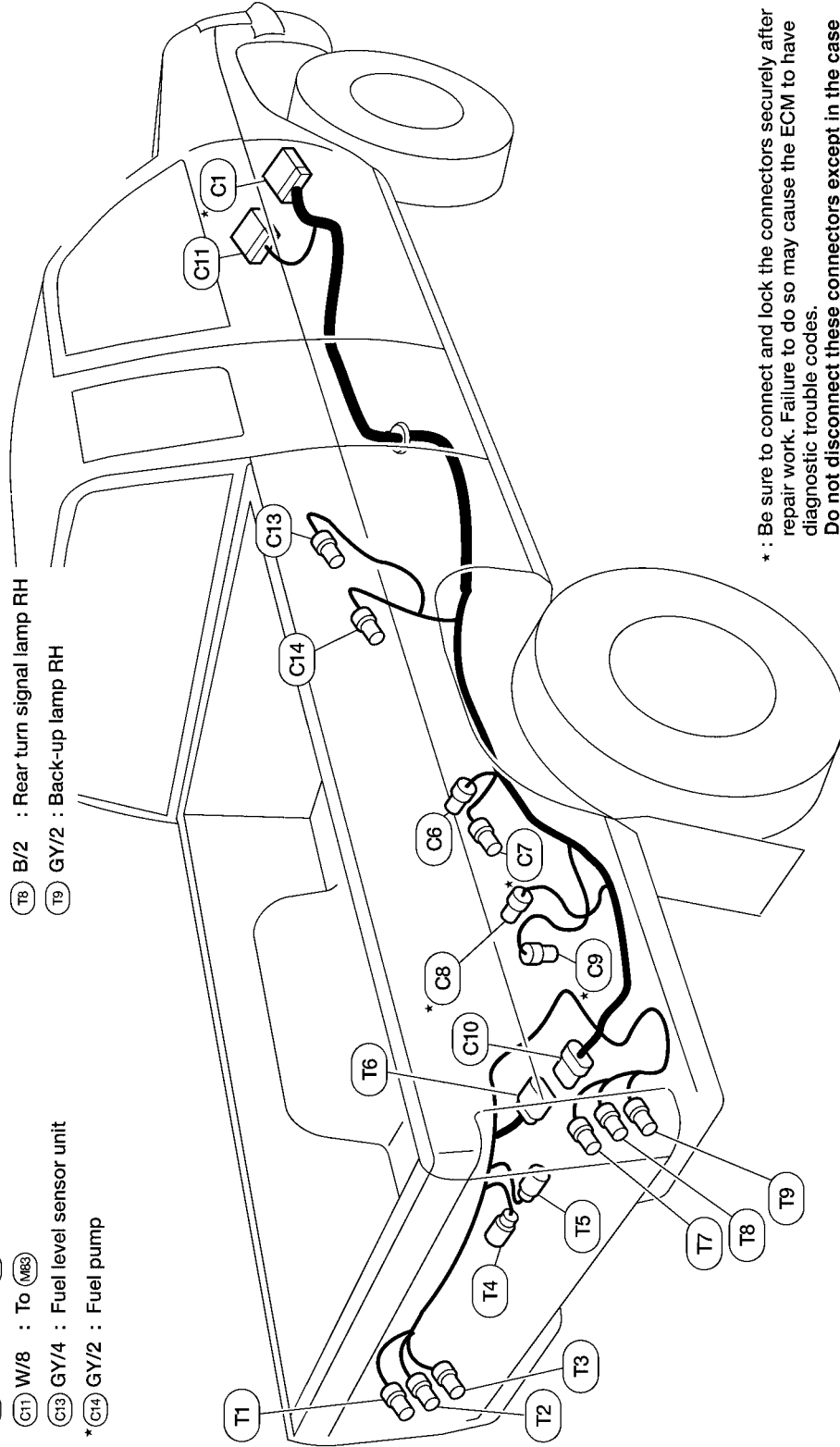
EKS00301

Chassis harness

- * C1 W/16 : To (M67)
- C6 GY/2 : Rear wheel sensor (2WD)
- C8 GY/4 : Rear wheel sensor (4WD)
- C7 BR/3 : EVAP control system pressure sensor
- * C8 GY/2 : EVAP canister vent control valve
- * C9 G/2 : Vacuum cut valve bypass valve
- C10 GY/6 : To T6
- C11 W/8 : To (M68)
- C13 GY/4 : Fuel level sensor unit
- * C14 GY/2 : Fuel pump

Tail harness

- T1 B/3 : Rear stop/tail lamp LH
- T2 B/2 : Turn signal lamp LH
- T3 GY/2 : Back-up lamp LH
- T4 GY/2 : License plate lamp LH
- T5 GY/2 : License plate lamp RH
- T6 GY/6 : To C10
- T7 B/3 : Rear stop/tail lamp RH
- T8 B/2 : Rear turn signal lamp RH
- T9 GY/2 : Back-up lamp RH



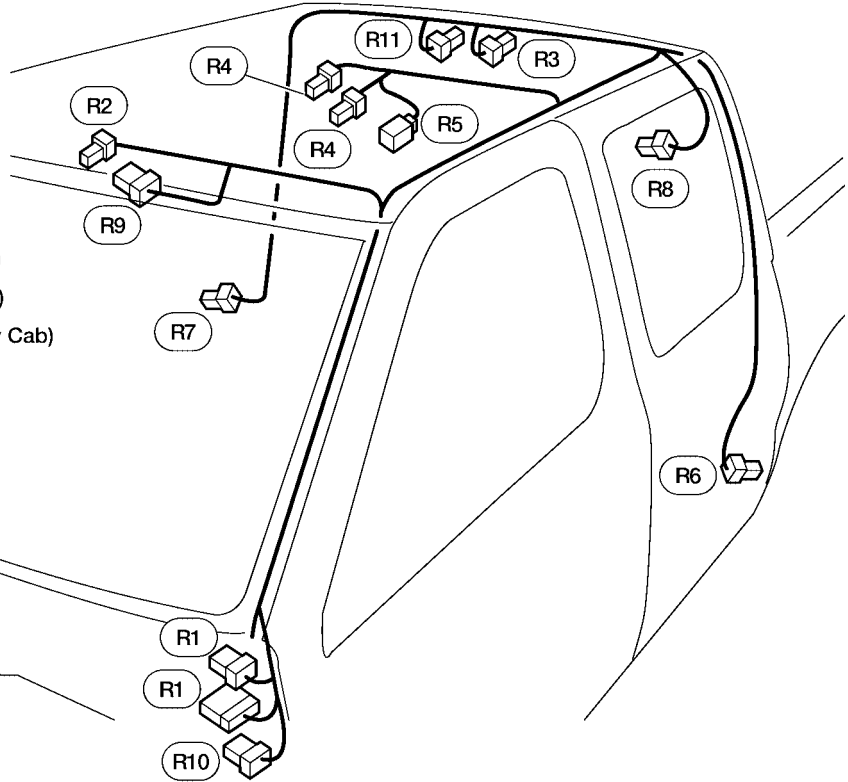
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HARNES LAYOUT

Room Lamp Harness

EKS00306

- (R1) W/12 : To (M2) (King Cab)
- (R1) BR/8 : To (M2) (Crew Cab)
- (R2) W/2 : Map lamp (with map lamp)
- (R3) B/2 : High mounted stop lamp
- (R4) W/1 : Room lamp (Crew Cab)
- (R4) W/3 : Room lamp (King Cab)
- (R5) BR/1 : Room lamp (Crew Cab)
- (R6) BR/1 : Rear door switch LH (Crew Cab)
- (R7) BR/1 : Rear door switch RH (Crew Cab)
- (R8) B/1 : Rear window defogger (+) (Crew Cab)
- (R9) W/8 : Compass and thermometer
- (R10) W/8 : To (M135) (Crew Cab)
- (R11) BR/2 : Cargo lamp (King Cab)

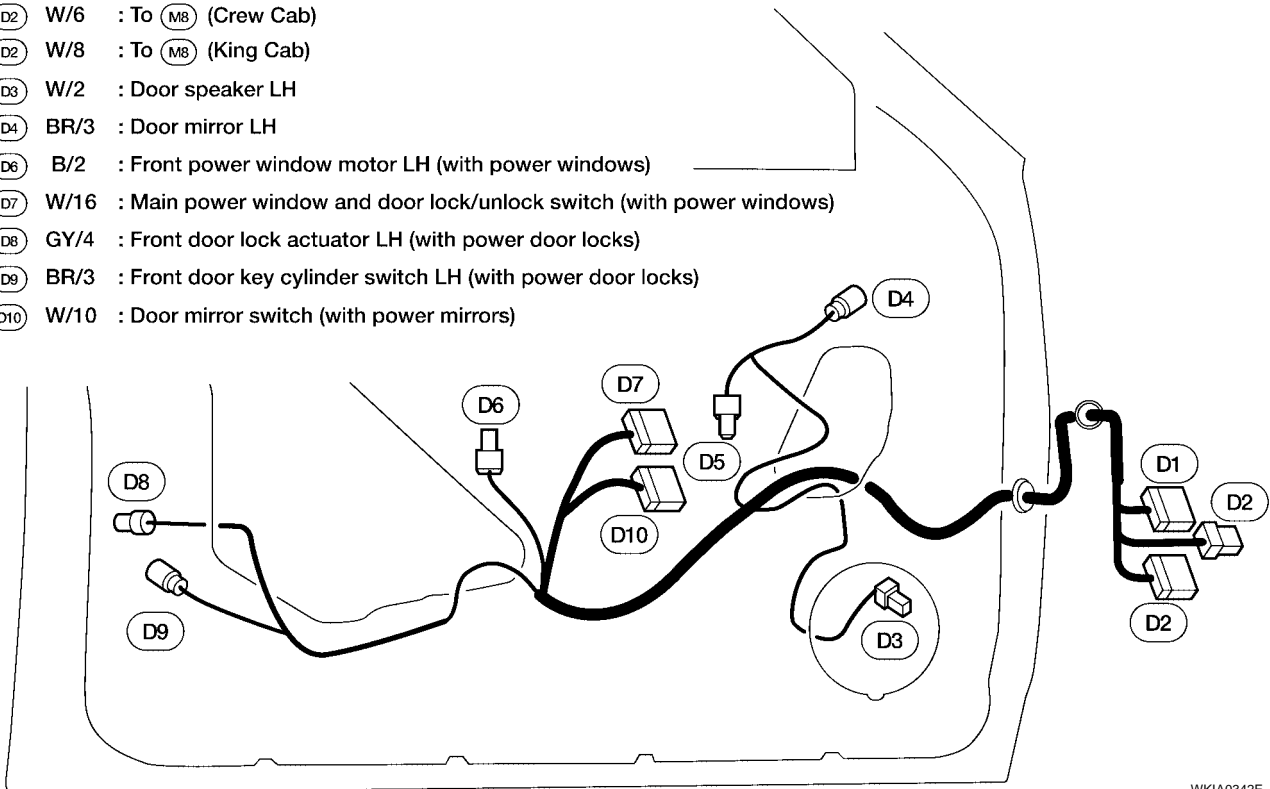


WKIA0341E

Front Door Harness LH SIDE

EKS00307

- (D1) W/12 : To (M9)
- (D2) W/6 : To (M8) (Crew Cab)
- (D2) W/8 : To (M8) (King Cab)
- (D3) W/2 : Door speaker LH
- (D4) BR/3 : Door mirror LH
- (D6) B/2 : Front power window motor LH (with power windows)
- (D7) W/16 : Main power window and door lock/unlock switch (with power windows)
- (D8) GY/4 : Front door lock actuator LH (with power door locks)
- (D9) BR/3 : Front door key cylinder switch LH (with power door locks)
- (D10) W/10 : Door mirror switch (with power mirrors)

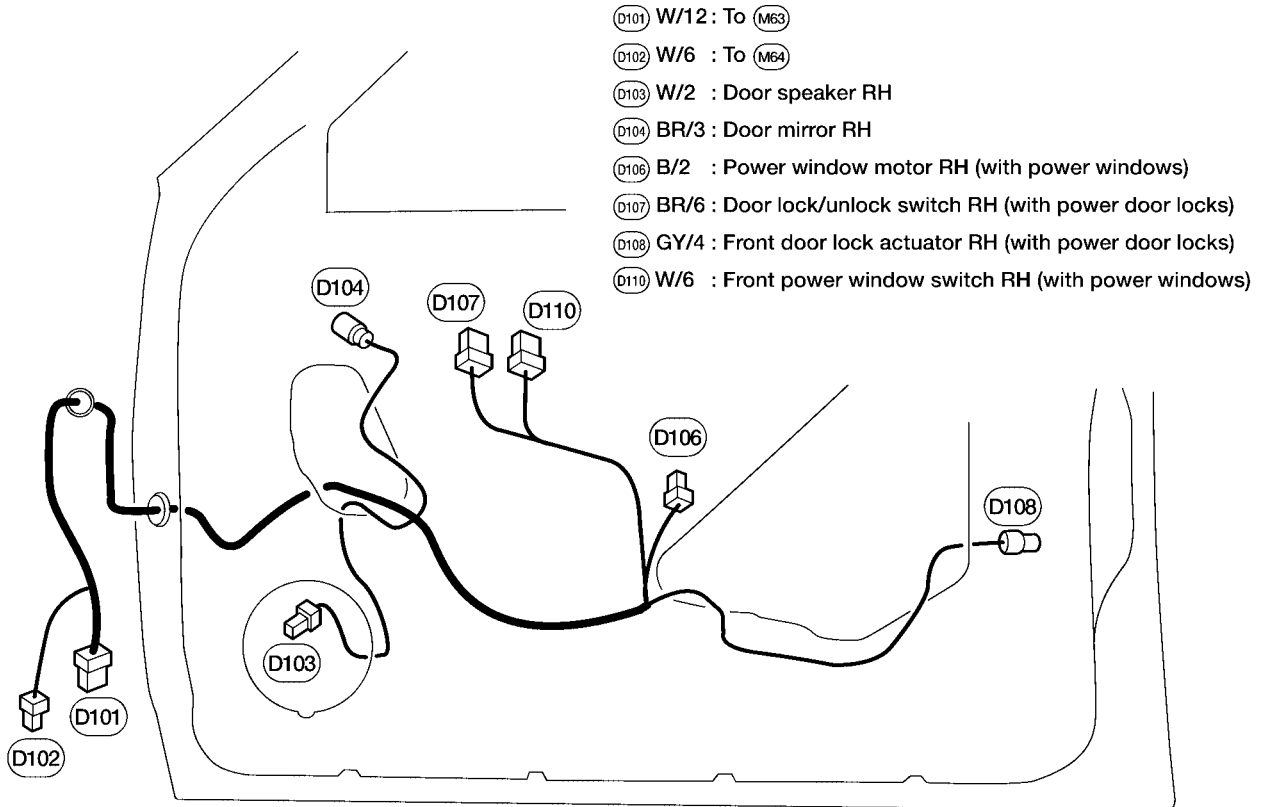


WKIA0342E

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HARNES LAYOUT

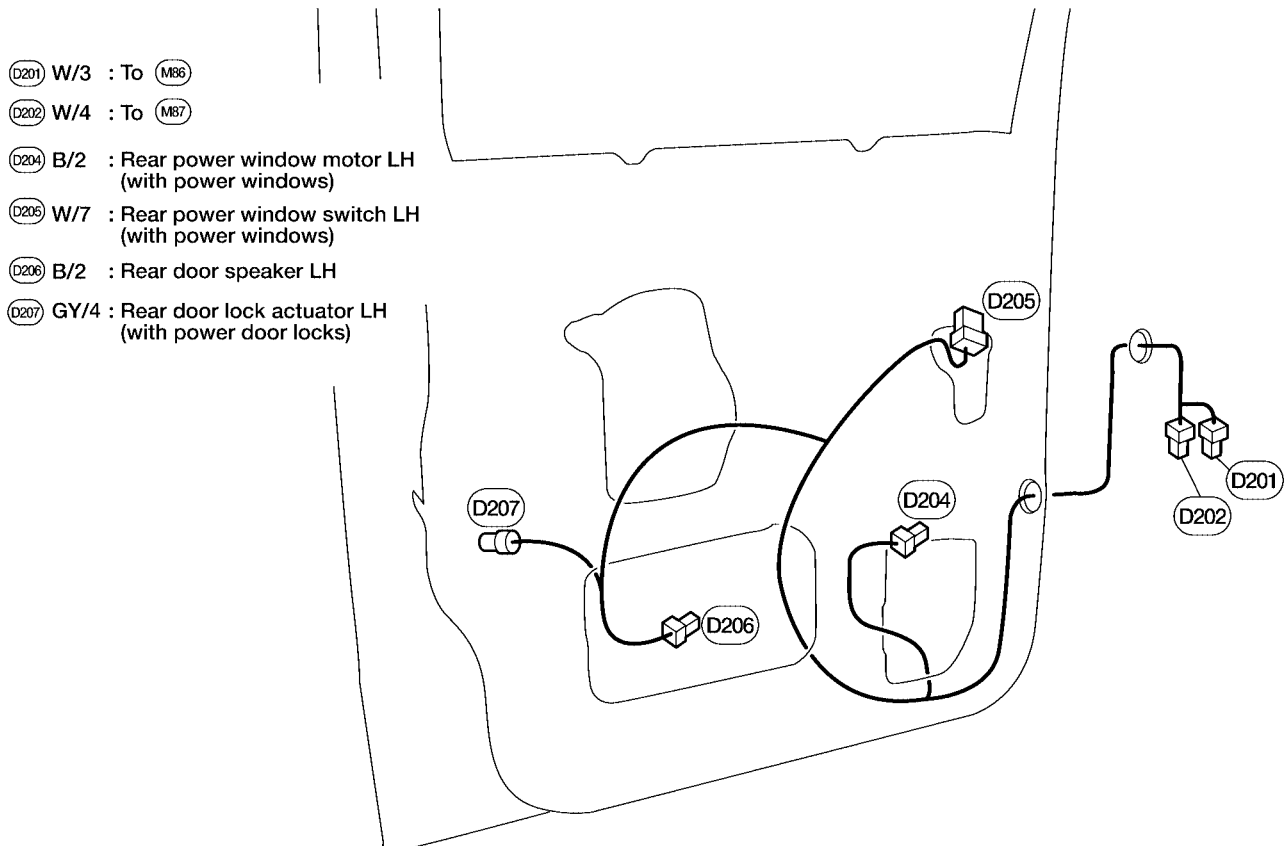
RH SIDE



WKIA0343E

Rear Door Harness LH SIDE

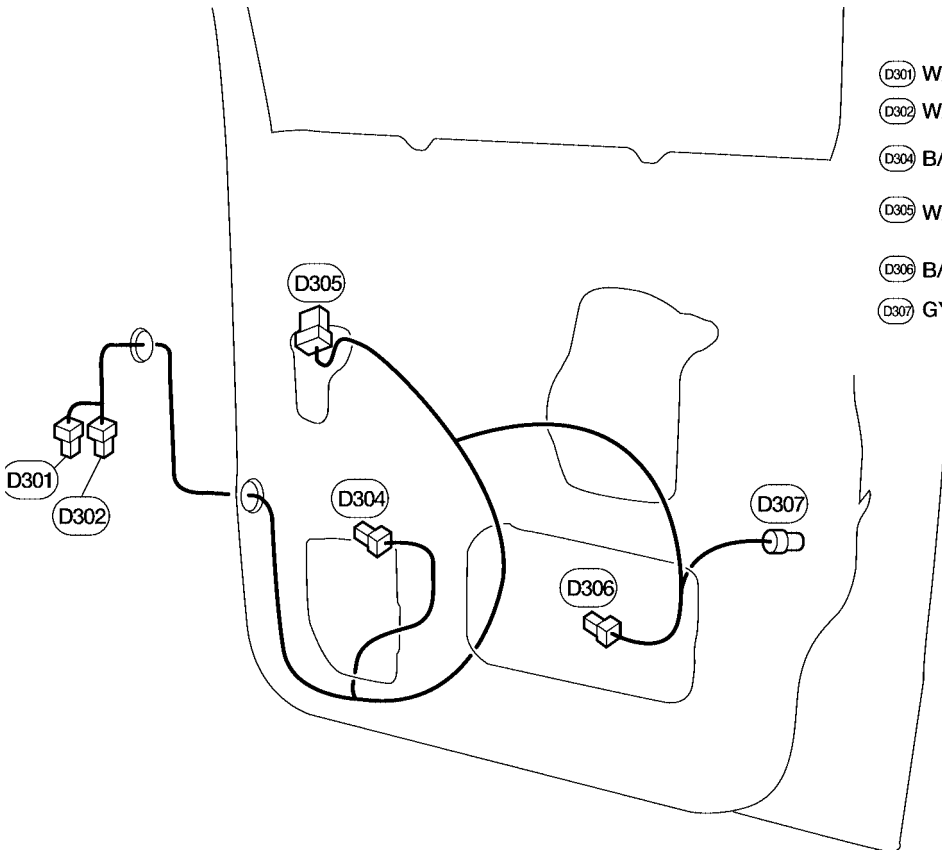
EKS00308



WEL970A

HARNES LAYOUT

RH SIDE



D301 W/3 : To M91

D302 W/4 : To M92

D304 B/2 : Rear power window motor RH
(with power windows)

D305 W/7 : Rear power window switch RH
(with power windows)

D306 B/2 : Rear door speaker RH

D307 GY/4 : Rear door lock actuator RH
(with power door locks)

WEL971A

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HARNES LAYOUT

EKS0030A

Wiring Diagram Codes (Cell Codes)

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

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

Code	Section	Wiring Diagram Name
1STSIG	AT	A/T 1st Signal
2NDSIG	AT	A/T 2nd Signal
3RDSIG	AT	A/T 3rd Signal
4THSIG	AT	A/T 4th Signal
AAC/V	EC	IACV-AAC Valve
ABS	BRC	Anti-Lock Brake System
A/C,M	MTC	Manual Air Conditioner
ASCD	ASC	Automatic Speed Control Device
A/T	AT	A/T
AT/C	EC	A/T Control
ATDIAG	EC	A/T Diagnosis Communication Line
AUDIO	AV	Audio
BACK/L	LT	Back-up Lamp
BA/FTS	AT	A/T Fluid Temperature Sensor and TCM Power Supply
BYPS/V	EC	Vacuum Cut Valve Bypass Valve
CAN	EC	CAN Communication Line
CHARGE	SC	Charging System
CHIME	DI	Warning Chime
CIGAR	WW	Cigarette Lighter
CKPS	EC	Crank Shaft Position Sensor (OBD)
CMPS	EC	Camshaft Position Sensor (OBD)
COMPAS	DI	Compass and Thermometer
DEF	GW	Rear Window Defogger
D/LOCK	BL	Power Door Lock
DTRL	LT	Headlamp - With Daytime Light System
ECTS	EC	Engine Coolant Temperature Sensor
EGRC/V	EC	EGRC - Solenoid Valve
EGRC1	EC	EGR Function
EGR/TS	EC	EGR Temperature Sensor
ENGSS	AT	Engine Speed Signal
F/FOG	LT	Front Fog Lamp
FICD	EC	IACV-FICD Solenoid Valve
FLS1	EC	Fuel Level Sensor Function (SLOSH)
FLS2	EC	Fuel Level Sensor Circuit
FLS3	EC	Fuel Level Sensor Circuit (Ground Signal)
F/PUMP	EC	Fuel Pump
FTS	AT	A/T Fluid Temperature Sensor
FTTS	EC	Fuel Tank Temperature Sensor
FUEL	EC	Fuel Injection System Function
FUELB1	EC	Fuel Injection System Function (Bank 1)
FUELB2	EC	Fuel Injection System Function (Bank 2)
H/LAMP	LT	Headlamp
HO2S1	EC	Heated Oxygen Sensor 1
HO2S1H	EC	Heated Oxygen Sensor 1 Heater
HO2S2	EC	Heated Oxygen Sensor 2
HO2S2H	EC	Heated Oxygen Sensor 2 Heater
HORN	WW	Horn

HARNES LAYOUT

IATS	EC	Intake Air Temperature Sensor	A
IGN/SG	EC	Ignition Signal	
ILL	LT	Illumination	
INJECT	EC	Injector	B
KEYLES	BL	Remote Keyless Entry System	
KS	EC	Knock Sensor	
LPSV	AT	Line Pressure Solenoid Valve	C
MAFS	EC	Mass Air Flow Sensor	
MAIN	AT	Main Power Supply and Ground Circuit	
MAIN	EC	Main Power Supply and Ground Circuit	D
METER	DI	Speedometer, Tachometer, Temp., and Fuel Gauges	
MIL/DL	EC	MIL and Data Link Connectors	
MIRROR	GW	Door Mirror	E
NONDTC	AT	Non-detectable Items	
O2H1B1	EC	Heated Oxygen Sensor 1 Heater Bank 1	
O2H1B2	EC	Heated Oxygen Sensor 1 Heater Bank 2	F
O2H2B1	EC	Rear Heated Oxygen Sensor 2 Heater Bank 1	
O2H2B2	EC	Rear Heated Oxygen Sensor 2 Heater Bank 2	
O2S1B1	EC	Heated Oxygen Sensor 1 Bank 1	G
O2S1B2	EC	Heated Oxygen Sensor 1 Bank 2	
O2S2B1	EC	Heated Oxygen Sensor 2 Bank 1	
O2S2B2	EC	Heated Oxygen Sensor 2 Bank 2	H
OVRCSV	AT	Over Run Clutch Solenoid Valve	
PGC/V	EC	EVAP Canister Purge Volume Control Solenoid Valve	
PNP/SW	AT	Park/Neutral Position Switch	I
PNP/SW	EC	Park/Neutral Position Switch	
POWER	PG	Power Supply Routing	
PRE/SE	EC	EVAP Control System Pressure Sensor	J
PST/SW	EC	Power Steering Oil Pressure Switch	
ROOM/L	LT	Interior Room Lamp	
S/CHGR	EC	Supercharger Bypass Valve Control	PG
SHIFT	AT	A/T Shift Lock System	
SRS	SRS	Supplemental Restraint System	
S/SIG	EC	Start Signal	L
SSV/A	AT	Shift Solenoid Valve A	
SSV/B	AT	Shift Solenoid Valve B	
START	SC	Starting System	M
STOP/L	LT	Stop Lamp	
TAIL/L	LT	Parking, License and Tail Lamps	
TCCSIG	AT	A/T TCC Signal (Lock Up)	
TCV	AT	Torque Converter Clutch Solenoid Valve	
TPS	AT	Throttle Position Sensor	
TPS	EC	Throttle Position Sensor	
TP/SW	EC	Throttle Position Switch	
TRSA/T	AT	Turbine Revolution Sensor	
TURN	LT	Turn Signal and Hazard Warning Lamps	
T/WARN	WT	Low Tire Pressure Warning System	
VDC	BRC	Vehicle Dynamics Control System	
VEHSEC	BL	Vehicle Security System	
VENT/V	EC	EVAP Canister Vent Control Valve	
VSS	EC	Vehicle Speed Sensor	
VSSA/T	AT	Vehicle Speed Sensor A/T (Revolution Sensor)	

HARNES LAYOUT

VSSMTR	AT	Vehicle Speed Sensor Meter
WARN	DI	Warning Lamps
WINDOW	GW	Power Window
WIPER	WW	Front Wiper and Washer

SUPER MULTIPLE JUNCTION (SMJ)

SUPER MULTIPLE JUNCTION (SMJ)

PFP:84341

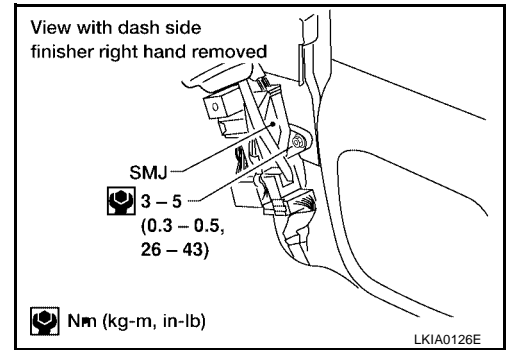
Installation

EKS003NS

Securely fit and lock SMJ connectors. Tighten harness bracket bolt to the specified torque.



**: 3 - 5 N·m (0.3 - 0.5 kg-m,
26 - 43 in-lb)**



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SUPER MULTIPLE JUNCTION (SMJ)

Terminal Arrangement

EKS003NT

MAIN HARNESS

(M65)

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



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

(E43)

ENGINE ROOM HARNESS

AEL646B

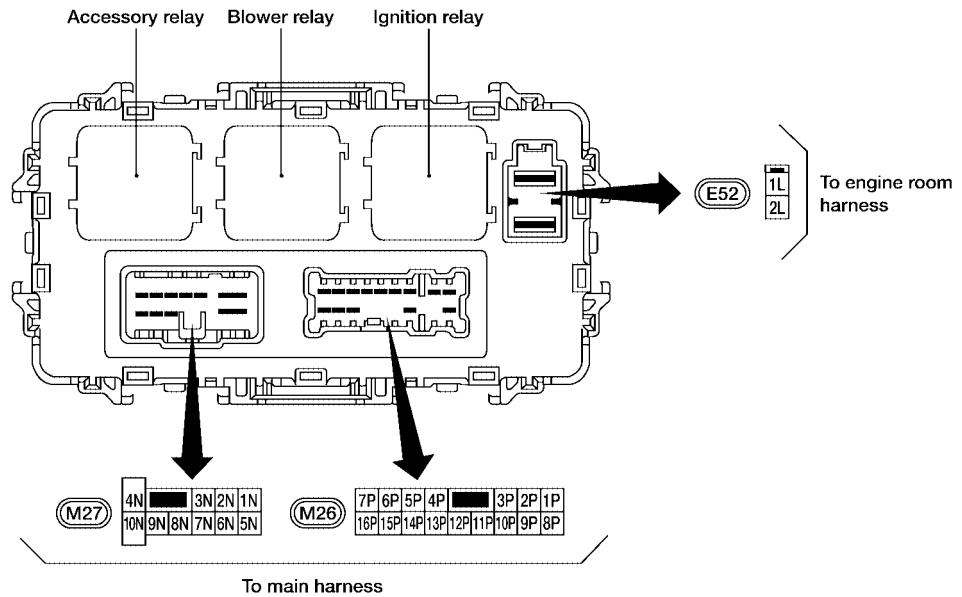
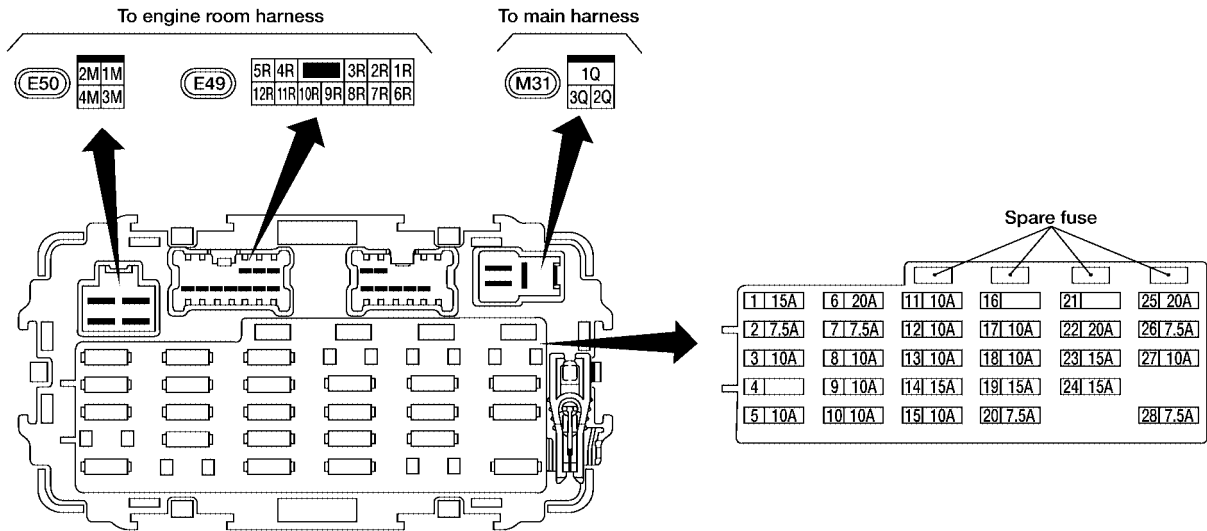
FUSE BLOCK — JUNCTION BOX (J/B)

FUSE BLOCK — JUNCTION BOX (J/B)

Terminal Arrangement

PFP:24350

EKS003NU



WEL913A

FUSE AND FUSIBLE LINK BOX

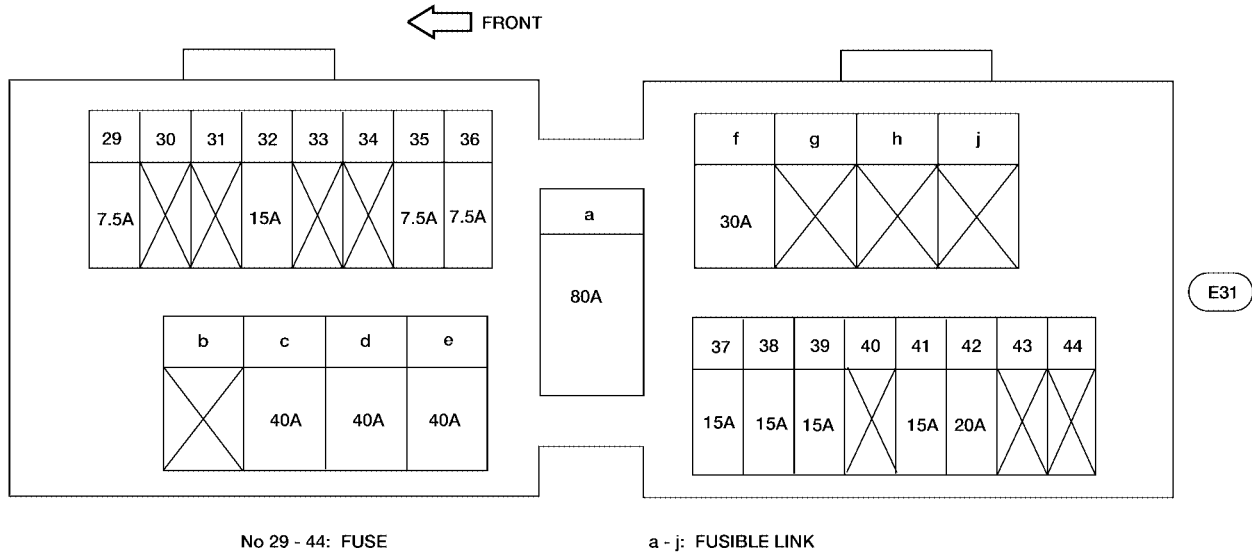
FUSE AND FUSIBLE LINK BOX

PF2:24381

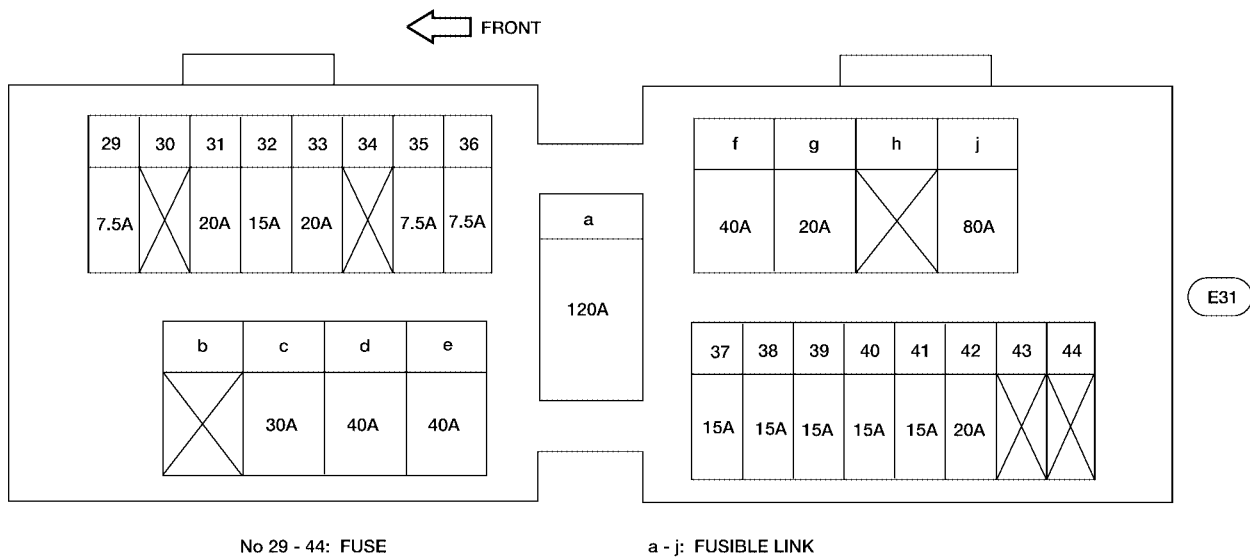
Terminal Arrangement

EKS002TH

For KA24DE ENGINE



For VG33E and VG33ER ENGINES



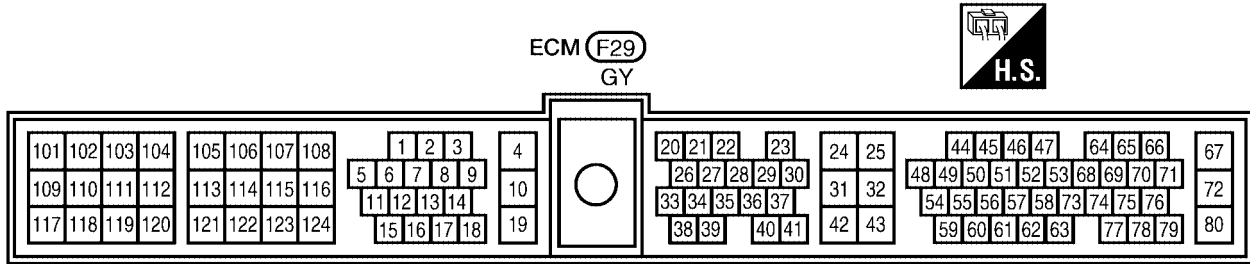
ELECTRICAL UNITS

ELECTRICAL UNITS Terminal Arrangement

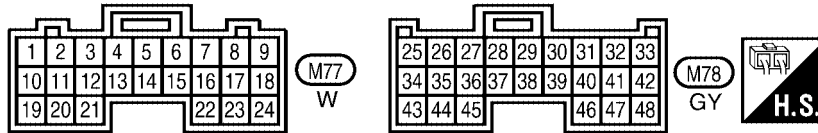
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EKS002TD

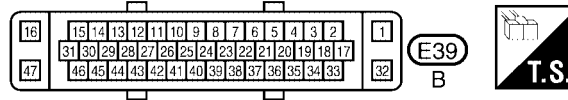
A
B
C
D
E
F
G
H
I
J
PG
L
M



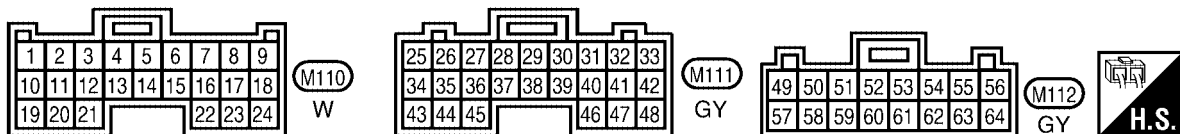
TCM (TRANSMISSION CONTROL MODULE)



ABS ACTUATOR AND ELECTRIC UNIT
(CONTROL UNIT)



SMART ENTRANCE CONTROL UNIT



ELECTRICAL UNITS
