P G SECTION POWER SUPPLY, GROUND & CIRCUIT ELEMENTS С

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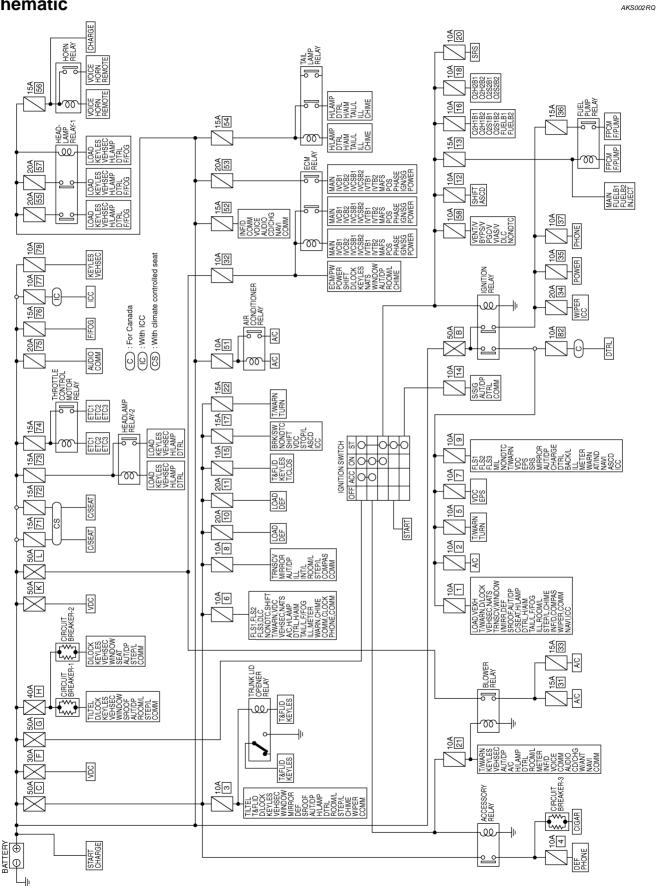
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POWER SUPPLY ROUTING

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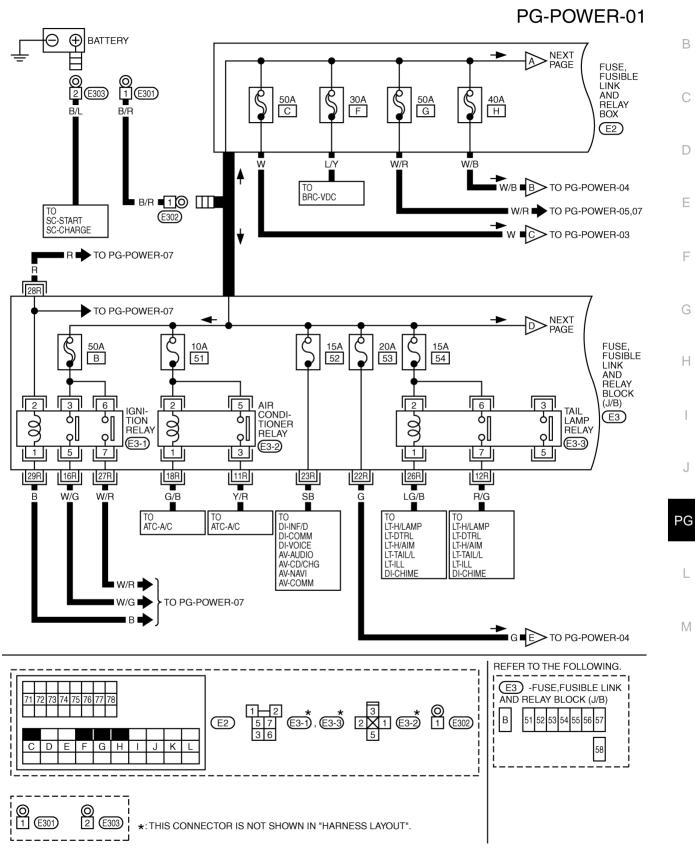
Schematic





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



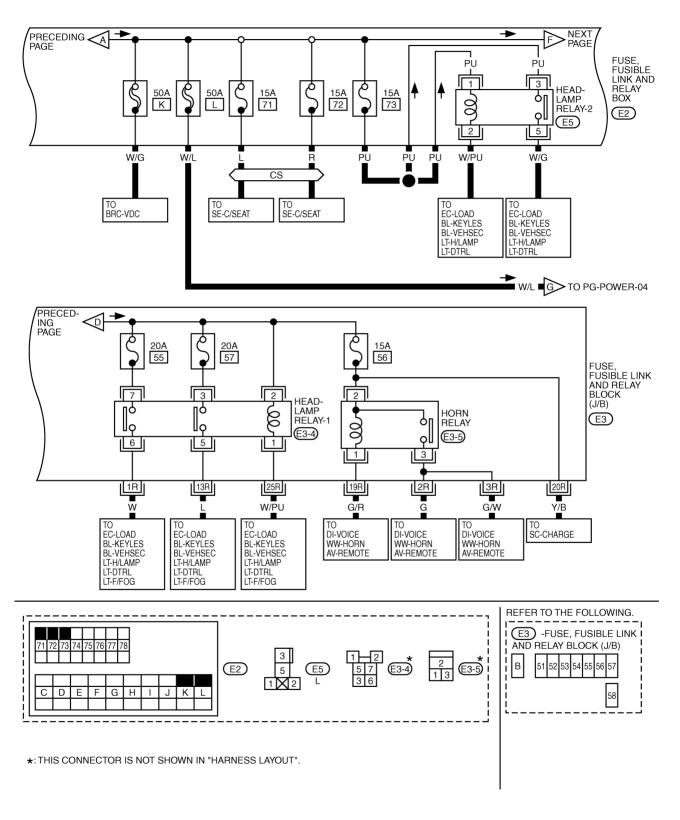
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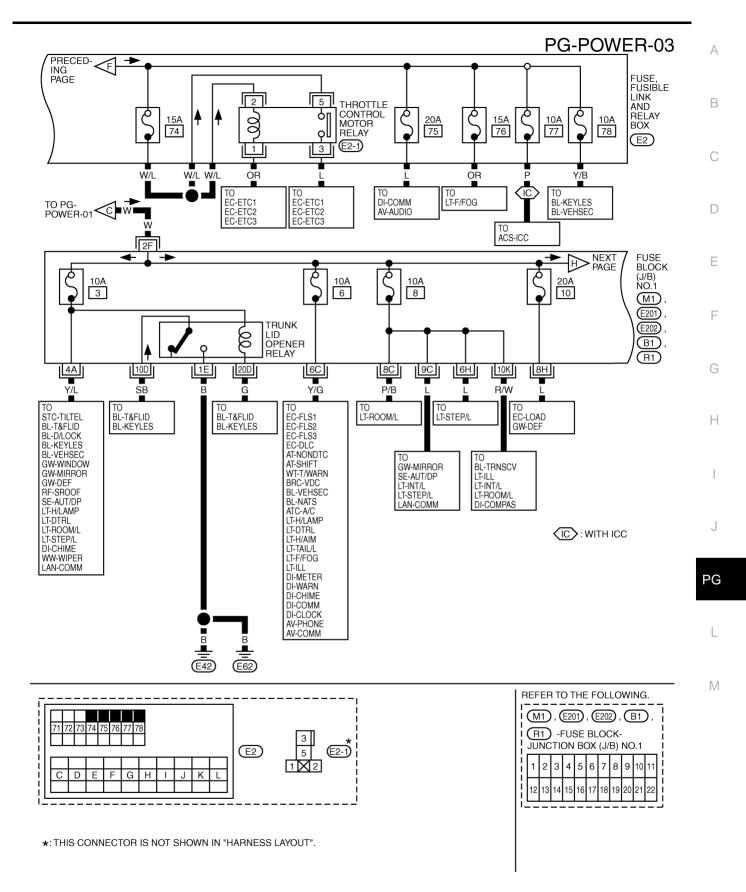
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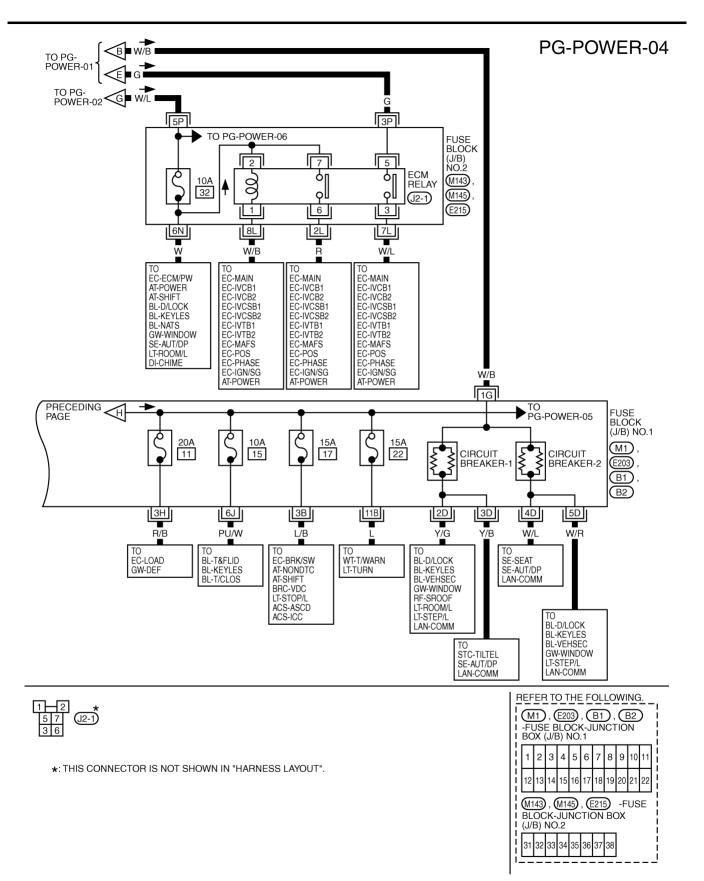
CS: WITH CLIMATE CONTROLLED SEAT



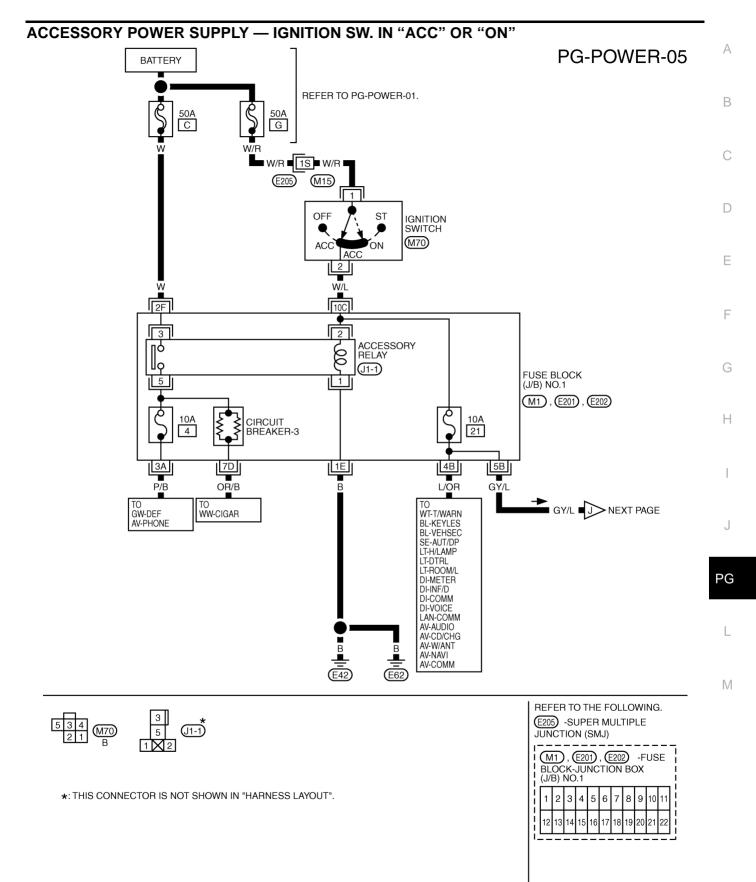
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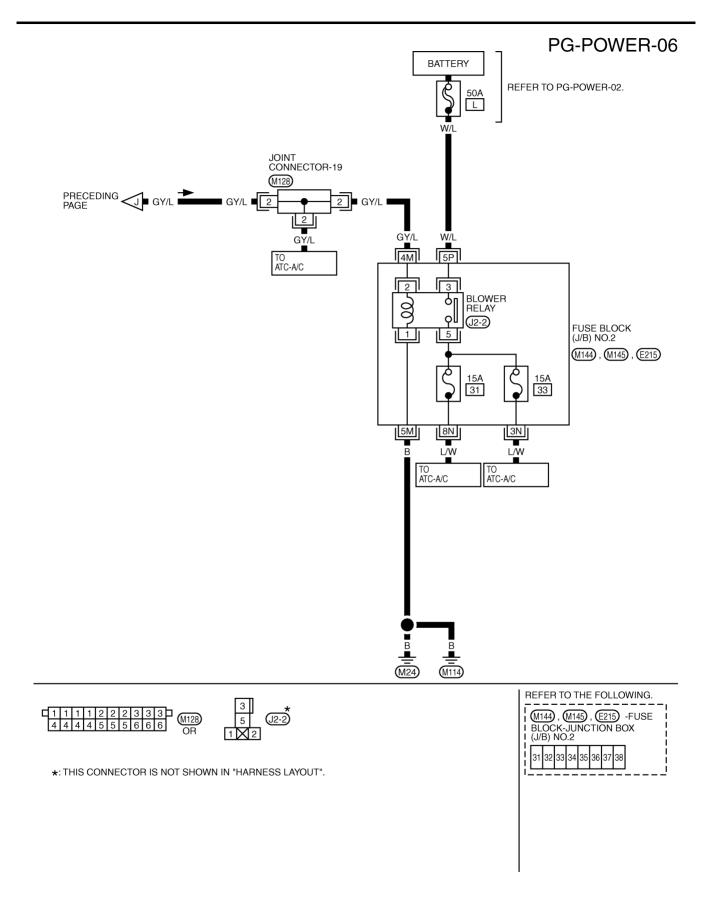
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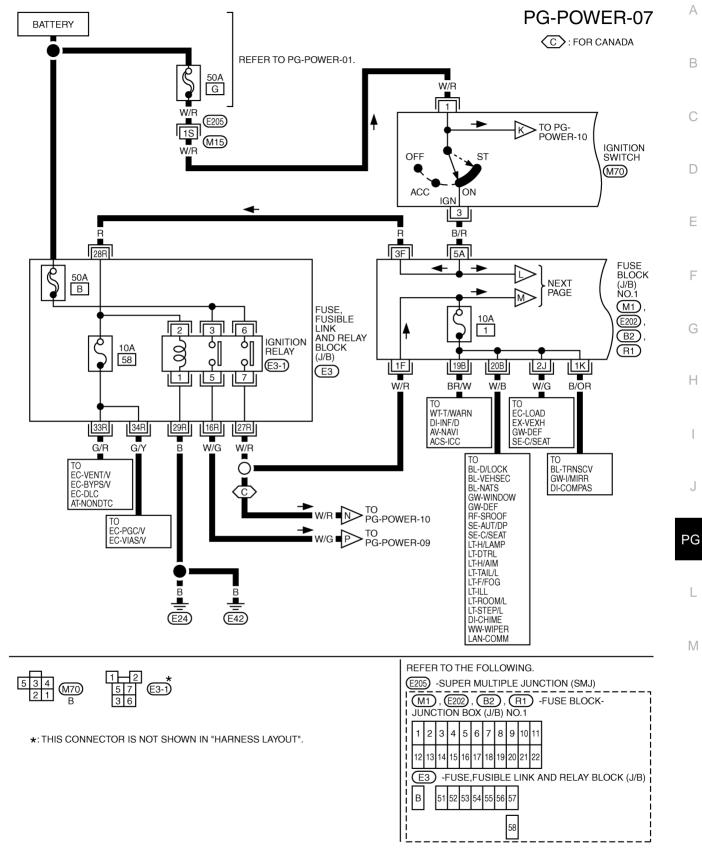


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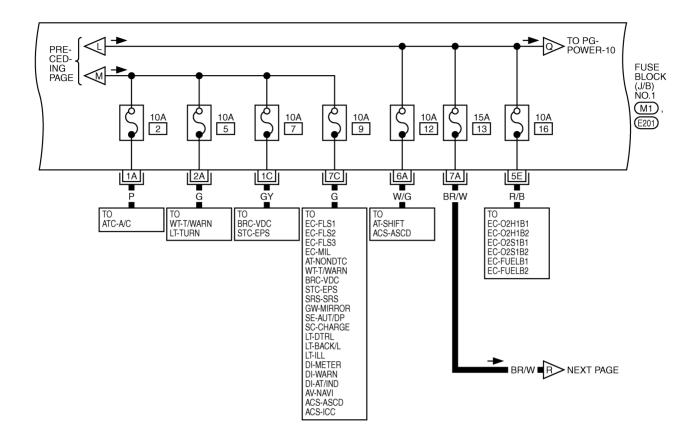
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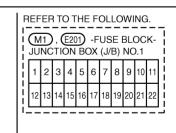
IGNITION POWER SUPPLY — IGNITION SW. IN "ON" AND/OR "START"



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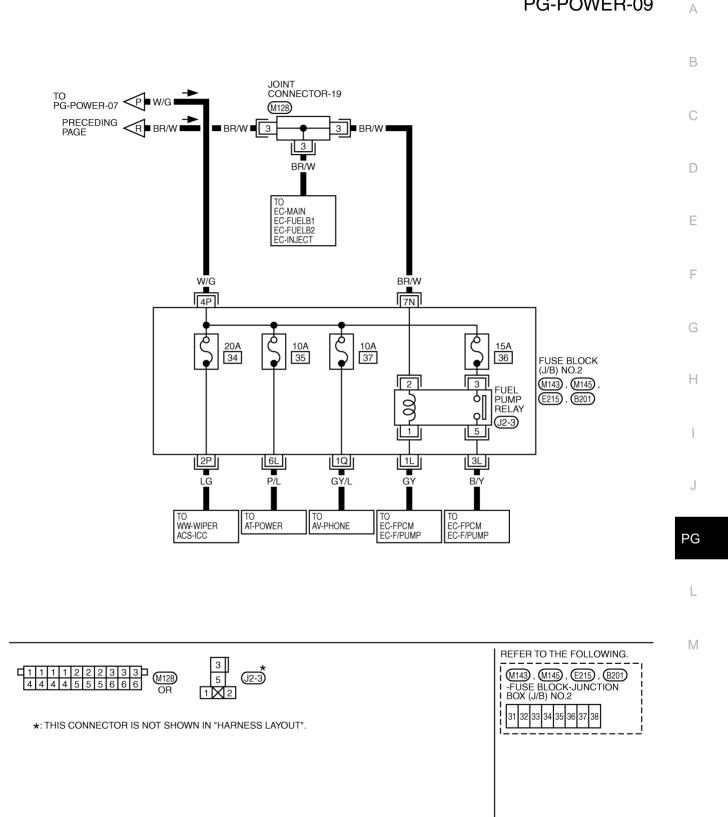
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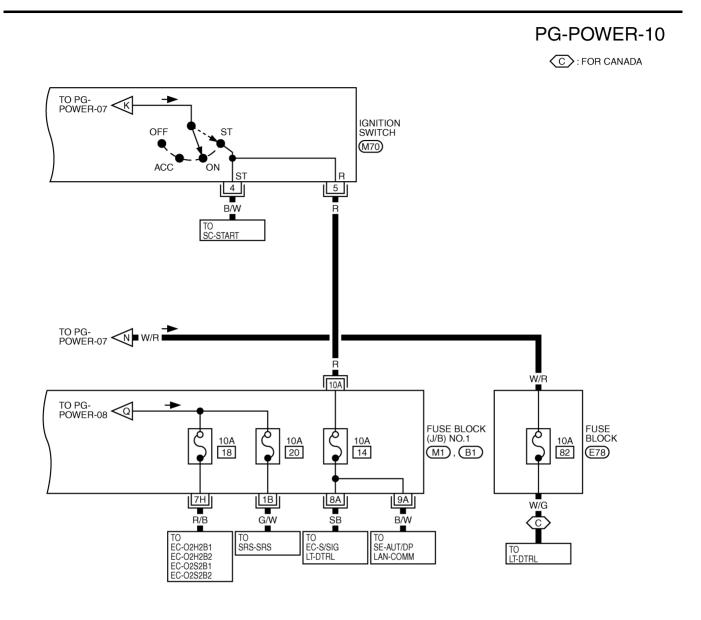


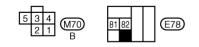
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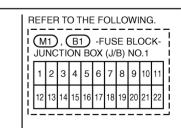
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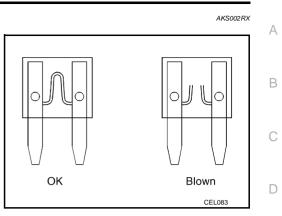




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Fuse

- If fuse is blown, be sure to eliminate cause of incident 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

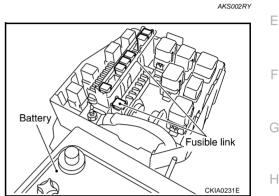
A melted fusible link can be detected either by visual inspection or by feeling with finger tip. If its condition is questionable, use circuit tester or test lamp.

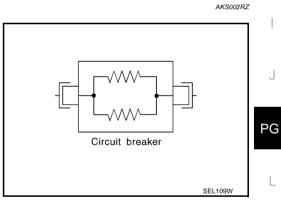
CAUTION:

- 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 incident.
- 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

The PTC thermistor generates heat in response to current flow. The temperature (and resistance) of the thermistor element varies with current flow. Excessive current flow will cause the element's temperature to rise. When the temperature reaches a specified level, the electrical resistance will rise sharply to control the circuit current. Reduced current flow will cause the element to cool. Resistance falls accordingly and normal circuit current flow is allowed to resume.





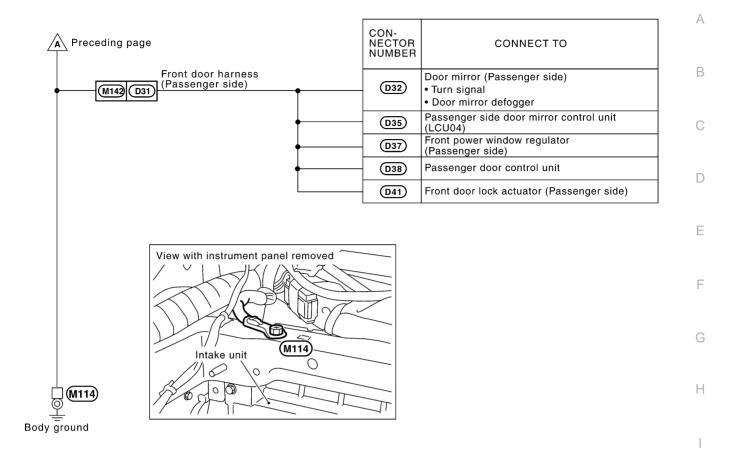
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GROUND **Ground Distribution** MAIN HARNESS

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Driver side view with instrument panel removed	CON-	
	NECTOR NUMBER	CONNECT TO
Body ground	M41	Combination meter (Terminal No. 33)
•	M4	BCM (Body control module) (Terminal No. 56)
•	M4	BCM (Body control module) (Terminal No. 113)
•	M4	BCM (Body control module) (Terminal No. 114)
•	M12	Shift lock control unit
	M41	Combination meter (Terminal No. 20)
•	M42	Combination meter (Terminal No. 45)
•	M71	Hazard switch
•	M75	Clock
•	M82	Display (Terminal No.22)
•	M82	Display (Terminal No.24)
•	M83	Multi function switch
•	M91	Combination flasher unit
•	M92	Front cigarette lighter socket
•	(M96)	Handset (Option)
•	M97	A/T device
•	M100	Front power socket
•	M103	Air bag diagnosis sensor unit
-	M106	Mode door motor (Passenger side)
•	M107	Air mix door motor (Passenger side)
•	M108	Power steering control unit
-	M109	CD auto changer
	M144	Fuse block (J/B) No.2 • Blower relay
Front door harness (Driver side)	D2	Door mirror (Driver side) • Turn signal • Door mirror defogger
•	D3	Seat memory switch
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	D5	Driver side door mirror control unit (LCU03)
•	D7	Front power window regulator (Driver side)
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	D8	Driver door control unit (LCU01)
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	D 9	Trunk lid and fuel lid opener switch
•	D11	Front door lock actuator (Driver side)
A Next page	D12	Front door key cylinder switch (Driver side)



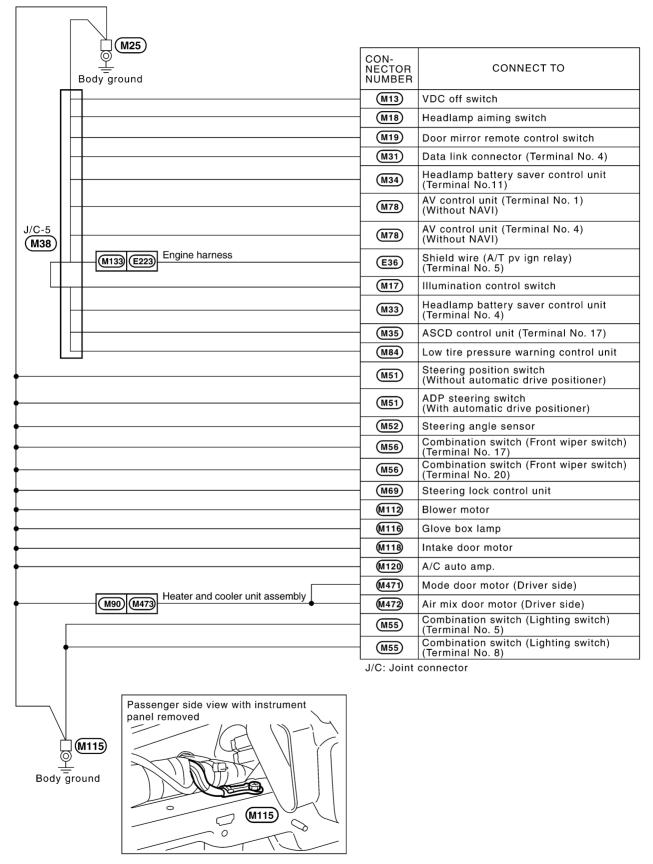
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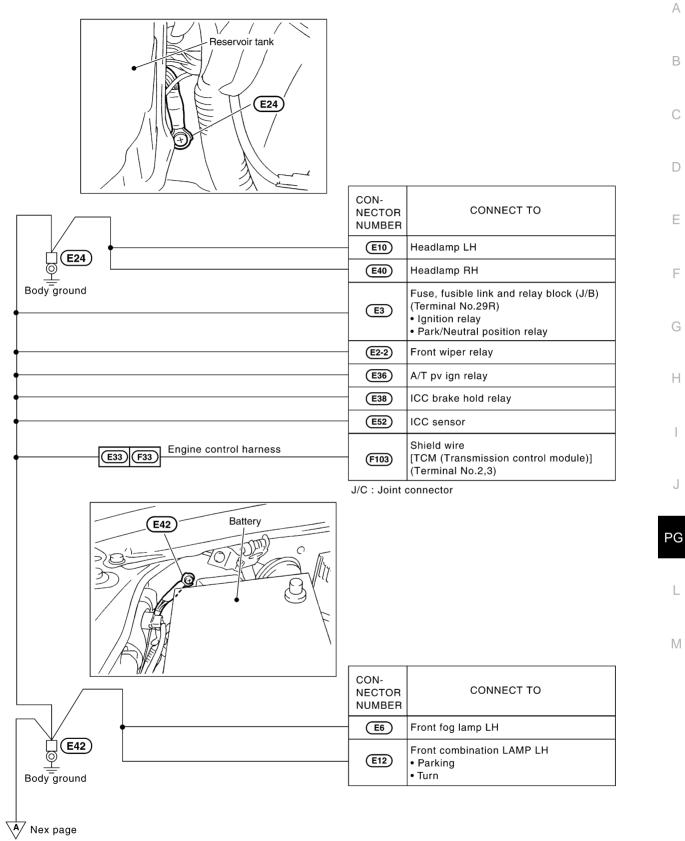
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ENGINE ROOM HARNESS

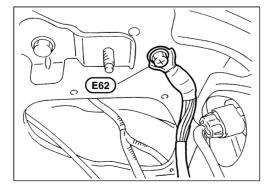


(E62)

Body ground

GROUND

A Preceding Page	CON- NECTOR NUMBER	CONNECT TO
•	(E11)	Headlamp aiming motor LH
•	(E26)	Daytime light control unit
•	(E41)	Headlamp aiming motor RH
•	(E46)	Front side marker lamp RH
•	(E47)	Washer level switch
•	(E54)	Hood switch
•	(E66)	Front side marker lamp LH
•	(E73)	Brake fluid level switch
•	(E75)	Front wiper motor
•	(E76)	Climate controlled seat relay
•	(E201)	Fuse block (J/B) No.1 (Terminal No.1E) • Accessory relay • Trunk lid opener relay
	R1	Fuse block (J/B) No.1 (Terminal No.5K)
• • • • • • • • • • • • • • • • • • •	R5	Vanity mirror lamp (Driver side)
	(R6)	Front interior lamp • Map lamp LH • Map lamp RH • Interior lamp ill switch
	R8	Sunroof motor assembly
• • • • • • • • • • • • • • • • • • •	(R9)	Auto anti-dazzling inside mirror
• • • • • • • • • • • • • • • • • • •	(R12)	Vanity mirror lamp (Passenger side)
	(R13)	Rear interior lamp • Personal lamp LH • Personal lamp RH
E34 F34 Engine control harness	F3	Power steering solenoid valve
	E7	Front fog lamp RH
	(E50)	Front combination lamp RH • Parking • Turn



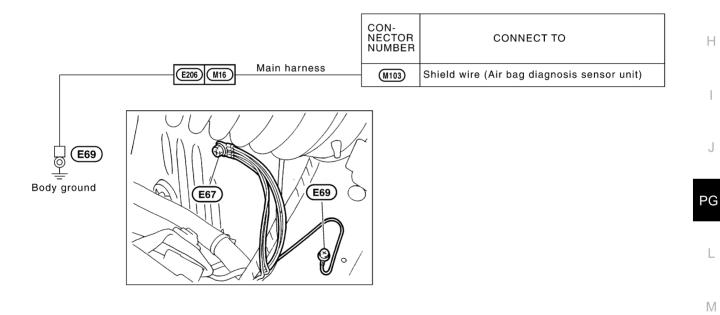
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CON- NECTOR NUMBER	CONNECT TO
 E218	VDC/TCS/ABS control unit (Terminal No. 27)
 E218	VDC/TCS/ABS control unit (Terminal No. 28)
(E218)	VDC/TCS/ABS control unit (Terminal No. 29)
(E218)	VDC/TCS/ABS control unit (Terminal No. 33)

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E67

Body ground



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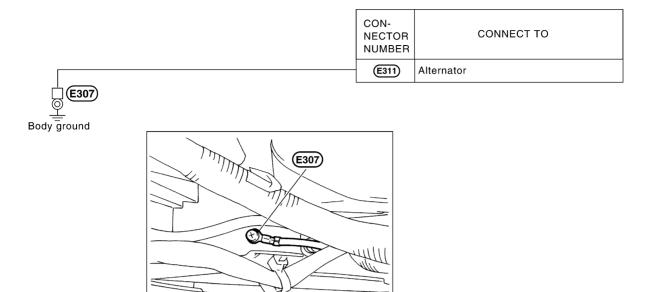
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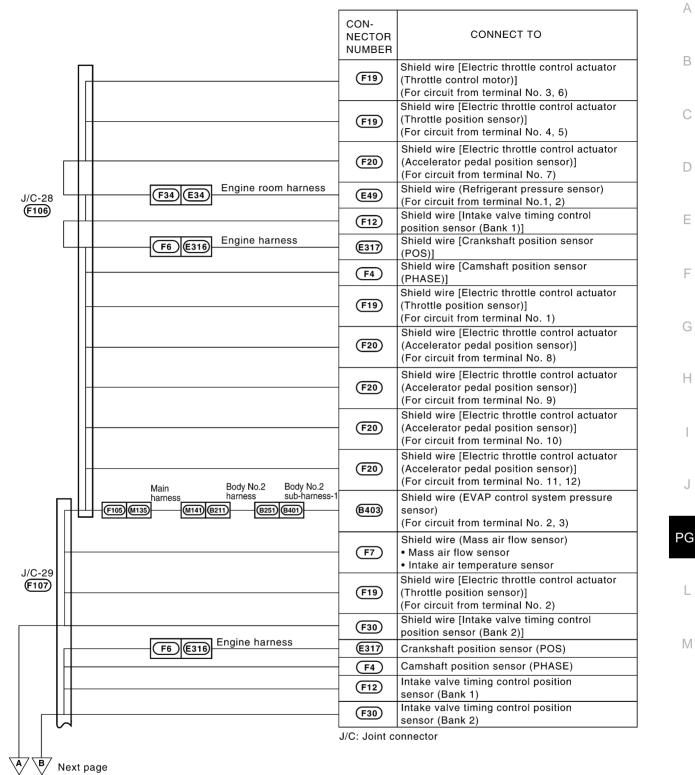
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ENGINE HARNESS



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ENGINE CONTROL HARNESS



A B Preceding Page	CON- NECTOR	CONNECT TO
(F105)(M135) Main harness	MUMBER	Data link connector (Terminal No.5)
(F105) Main harness	(M32)	NATS IMMU
J/C-29 (F107) F5 E315 Engine harness	E318	Heated oxygen sensor 2 (Bank 2)
F5 E315 Engine harness	E319	Heated oxygen sensor 2 (Bank 1)
	F102	ECM (Terminal No.165)
↓ <u>↓ </u>	F102	ECM (Terminal No.168)
F105 M135 Main harness	M35	ASCD control unit (Terminal No.4)
•	(F22)	Heated oxygen sensor 1 (Bank 1)
•	(F42)	Heated oxygen sensor 1 (Bank 2)
	(F103)	Shield wire [TCM (Transmission control module)] (For circuit from terminal No.5)
	(F103)	Shield wire [TCM (Transmission control module)] (For circuit from terminal No.14)
•	(F103)	TCM (Transmission control module) (Terminal No.5)
	F103	TCM (Transmission control module) (Terminal No.14)
•	(F103)	TCM (Transmission control module) (Terminal No.24)
Oil level gauge S-474/67	(F104)	TCM (Transmission control module) (Terminal No.46)
Engine ground	J/C : Joint c	onnector
······································	CON- NECTOR NUMBER	CONNECT TO
	(F15)	Ignition coil (With power transistor) No.1
	F16	Ignition coil (With power transistor) No.3
	(F17)	Ignition coil (With power transistor) No.5
•	F18	Ignition coil (With power transistor) No.7
	F23	Condenser
•	(F35)	Ignition coil (With power transistor) No.2
	F36	Ignition coil (With power transistor) No.4
↓ +	F37	Ignition coil (With power transistor) No.6
	F38	Ignition coil (With power transistor) No.8
	(F101)	ECM (Terminal No.153)
	(F101)	ECM (Terminal No.156)
	(F101)	ECM (Terminal No.159)

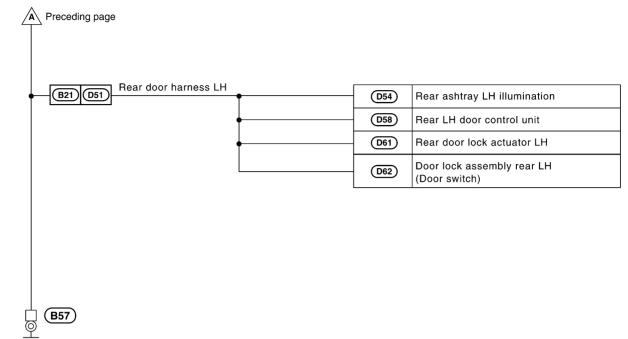
Engine ground

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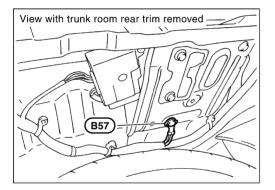
BODY HARNESS

	CON- NECTOR NUMBER	CONNECT TO
	B13	Shield wire (Air bag diagnosis sensor unit) (Terminal No. 44)
B16 ground		
B16 B17 Toward B15 harness connector		
B17 ground	CON- NECTOR NUMBER	CONNECT TO
	B10	Door mirror defogger relay
	B29	AV and NAVI control unit (Terminal No.30) (With NAVI)
	- B30	AV and NAVI control unit (Terminal No.1) (With NAVI)
	B 30	AV and NAVI control unit (Terminal No.4) (With NAVI)
	B45	Dropping resistor
	B 52	Rear side marker lamp LH
	- (B53)	Rear combination lamp LH • Stop/Tall • Back-up • Turn signal
	B55	Trunk closure control unit
	B56	Rear side marker lamp RH
	- (B58)	Rear combination lamp RH • Stop/Tall • Back-up • Turn signal
	B69	Voice activated control module
Front power seat (Driver side)	B72	Option connector-2 for voice activated system
B15 B141 sub-harness*	B142	Driver seat control unit (LCU02) (Terminal No.14A)
•	B144	Power seat switch (Driver side) (Terminal No.14) (With automatic drive positioner)
Front power seat (Driver side)	B150	Seat belt buckle switch (Driver side) (Without automatic drive positioner)
B15 B141 sub-harness*	D142	Driver seat control unit (LCU02) (Terminal No.15B)
	B150	Seat belt buckle switch (Driver side) (With automatic drive positioner)
+	B156	Climate controlled seat switch (Driver side)
	B192	Power seat switch (Driver side) (Terminal No.15) (Without automatic drive positioner)

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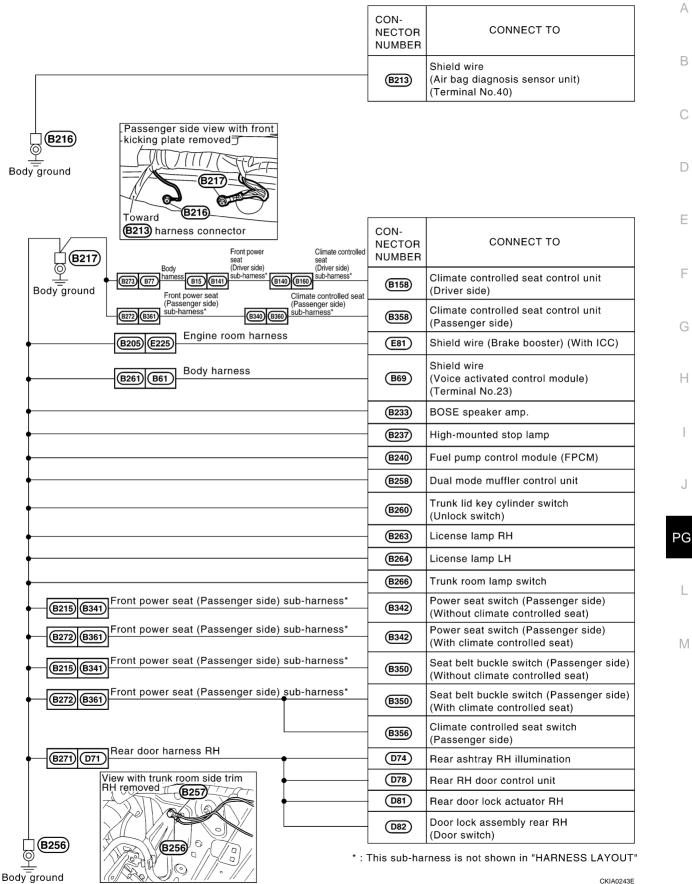


Body ground



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BODY NO.2 HARNESS



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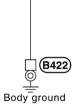
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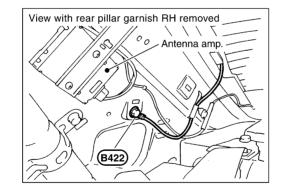
	CON- NECTOR NUMBER	CONNECT TO
	B243	ICC unit (Terminal No.19)
•	B243	ICC unit (Terminal No.20)
•	B244	ICC unit (Terminal No.46)



Body ground

CON- NECTOR NUMBER	CONNECT TO
(B421)	Rear window defogger (-)





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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
- Body Harness
- Body No.2 Harness

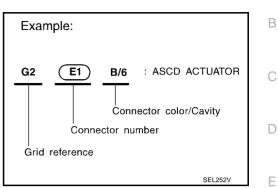
To use the grid reference

- 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 in the below.

	Water p	proof type	Stand	lard type
Connector type	Male	Female	Male	Female
 Cavity: Less than 4 Relay connector 	Ø	5	Ø	
• Cavity: From 5 to 8	\bigcirc		\diamond	
Cavity: More than 9	_	_	\bigcirc	\bigcirc
Ground terminal etc.		_		J.



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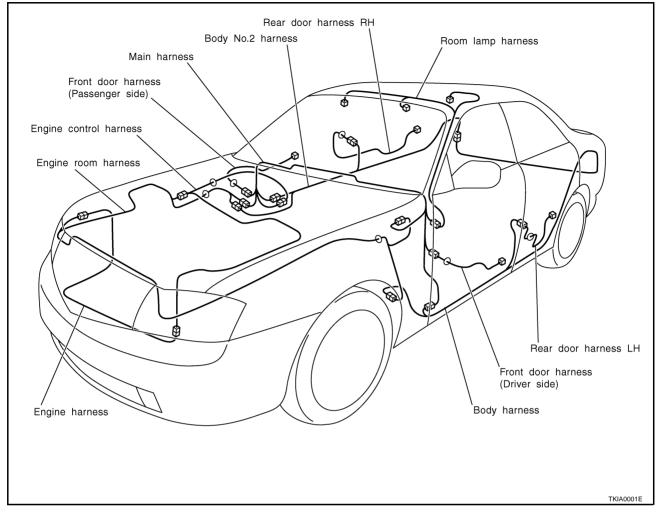
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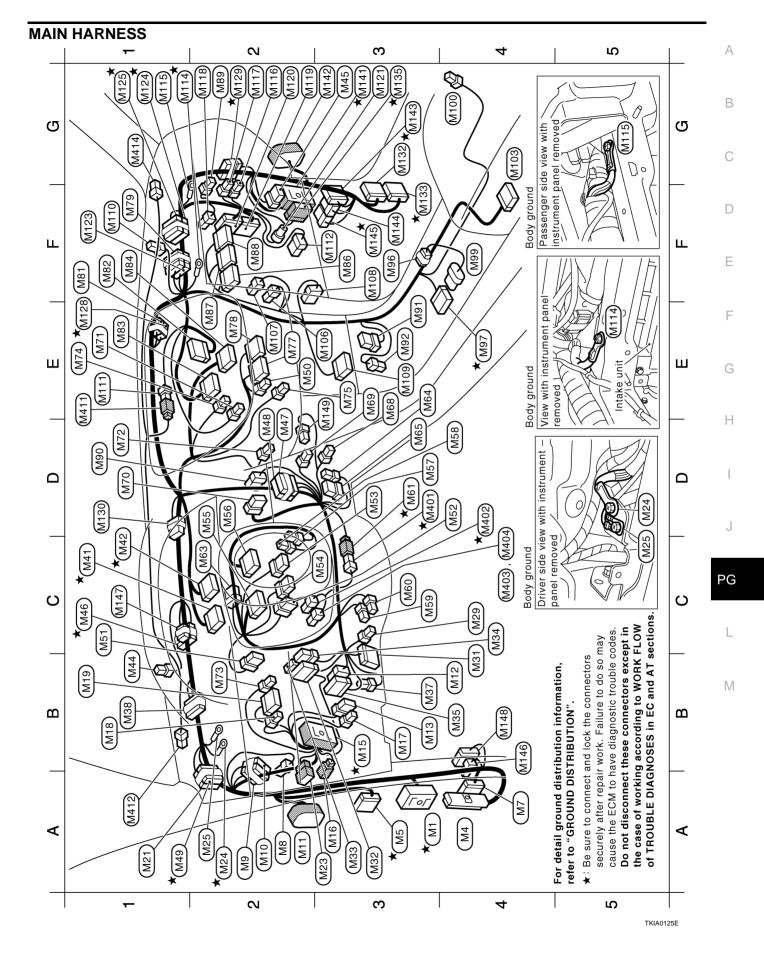
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OUTLINE

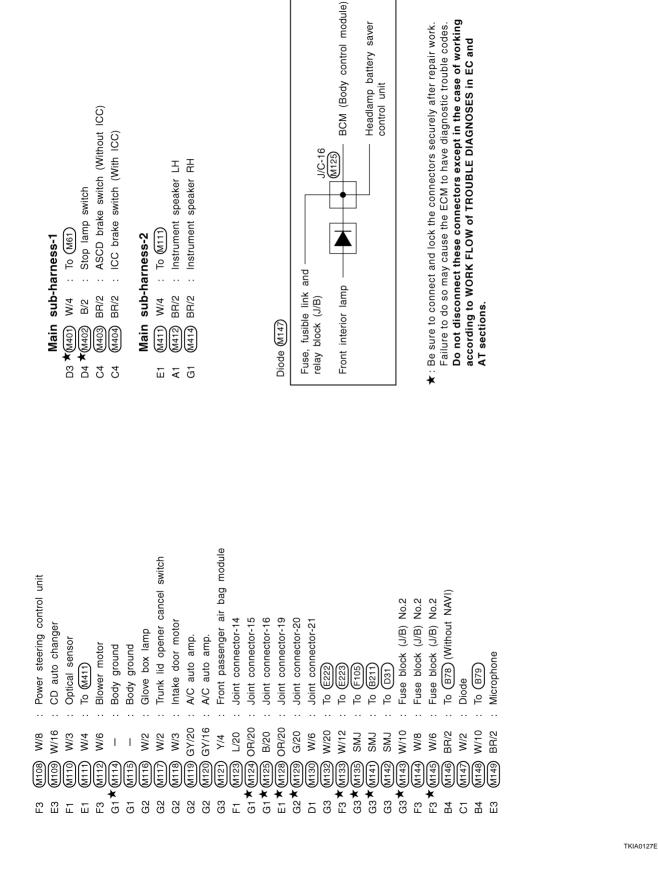




D2 (M56) GY/12 : Combination switch (Front wiper switch) D3 (M57) W/3 : Tilt sensor D4 (M58) W/2 : Tilt motor C3 (M50) W/2 : Telescopic sensor D3 ★ (M61) W/4 : To (M401) D4 (M51) W/4 : To (M401)		D1 (M70) B/5 : Ignition switch E1 (M71) W/4 : Hazard switch D1 (M72) W/2 : Ignition key hole illumination B2 (M73) W/2 : Security indicator lamp E1 (M74) W/3 : Warning chime E3 (M75) W/4 : Clock	 E2 (M77) GY/24 : AV control unit (Without NAVI) E2 (M78) W/24 : AV control unit (Without NAVI) F1 (M79) G/20 : Joint connector-11 F1 (M81) P/20 : Joint connector-13 F1 (M83) W/20 : Multifunction switch F1 (M84) W/16 : Low tire pressure warning control unit 	W/12 BB/2 W/8 W/8 W/8 W/3 W/3 W/3 W/3 W/3 W/3 W/4	Mile Mile Mile B/6 Mile B/6 Mile B/2 Mile V/28 Mile W/3 Mile W/3 Wile W/3 Wile W/3 Wile W/3 Wile W/3 Wile W/3 wile to connect and acconnect and acconnect cording to WORI sections. sections.
 Fuse block (J/B) No.1 BCM (Body control module) To (B5) To (B7) (With NAVI) Parking brake switch Joint connector-1 	. Joint connector-z To (D1) Shift lock control unit VDC off switch To (E205)	: To E209 : Illumination control switch : Headlamp aiming switch : Door mirror remote control switch : Joint connector-3 : To R3	 Body ground Body ground Tire pressure warning check connector Data link connector NATS IMMU Headlamp battery saver control unit 	 ASCD control unit (Without ICC) ICC warning chime (With ICC) Joint connector-5 Combination meter Combination meter Sunload sensor Joint connector-6 Joint connector-7 	 Joint connector-9 Joint connector-10 AV control unit (Without NAVI) ADP steering switch Steering angle sensor Combination switch (Spiral cable) Combination switch (Lighting switch)
SMJ SMJ SMJ SMJ SMJ SMJ SMJ SMJ SMJ SMJ	GY/10 SMJ GY/10 SMJ	Y/4 W/3 W/4 W/12 G/720 W/12	W/16 W/16 W/16 W/16 W/16 W/16 W/16 W/16	BR/24 W/3 W/40 W/40 B/2 B/2 B/2 B/20 B/20	

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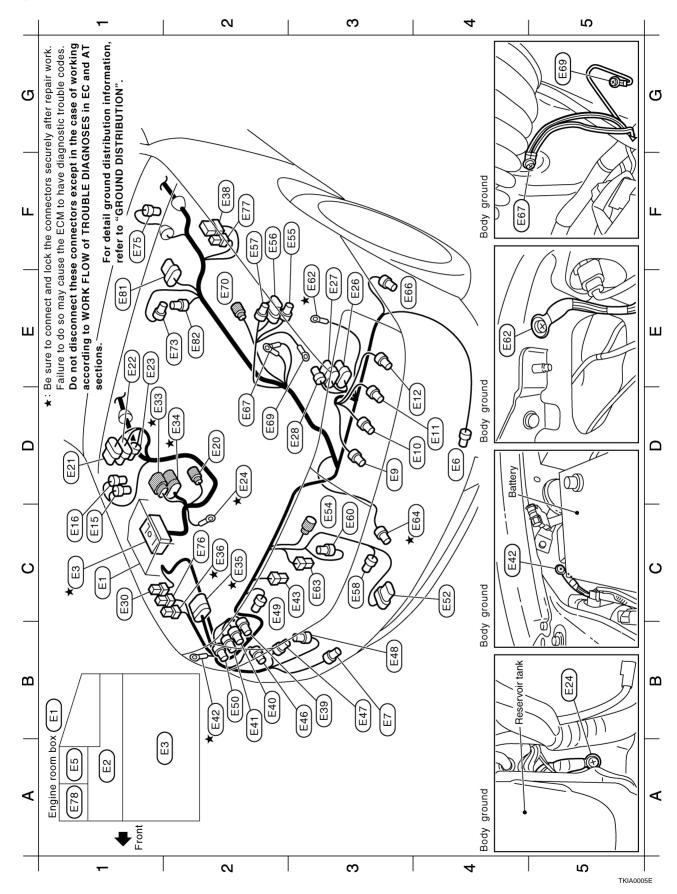
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ENGINE ROOM HARNESS Engine Compartment



 B3 (E46) GY/2 : Front side marker lamp RH B3 (E47) BR/2 : Washer level switch B3 (E48) GY/2 : Front washer motor C2 (E49) B/3 : Refrigerant pressure sensor B2 (E50) GY/3 : Front combination lamp RH 	 E52 -/6 E54 GY/2 	Baller 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	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.
C1 (E1) - : Engine room box A1 (E2) - : Fuse, fusible link and relay box C1★(E3) SMJ : Fuse, fusible link and relay block (J/B) A1 (E5) L/4 : Headlamp relay-2 D4 (E6) L/2 : Front fog lamp LH	E2010 57%	K ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★	B2 (E41) B/3 : Headlamp aiming motor RH B2 ★ (E42) - : Body ground C3 (E43) B/1 : Horn low

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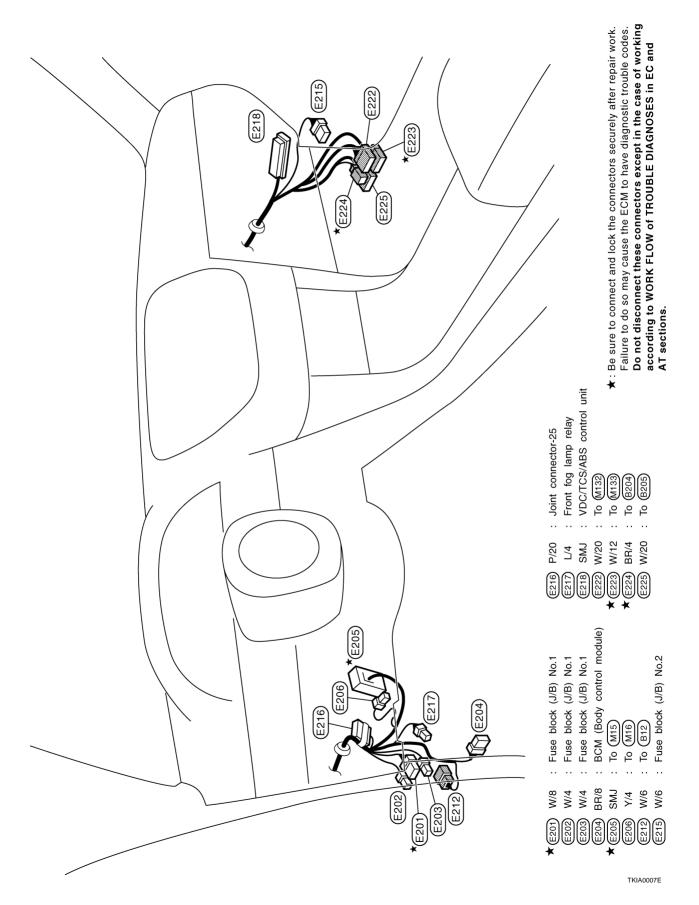
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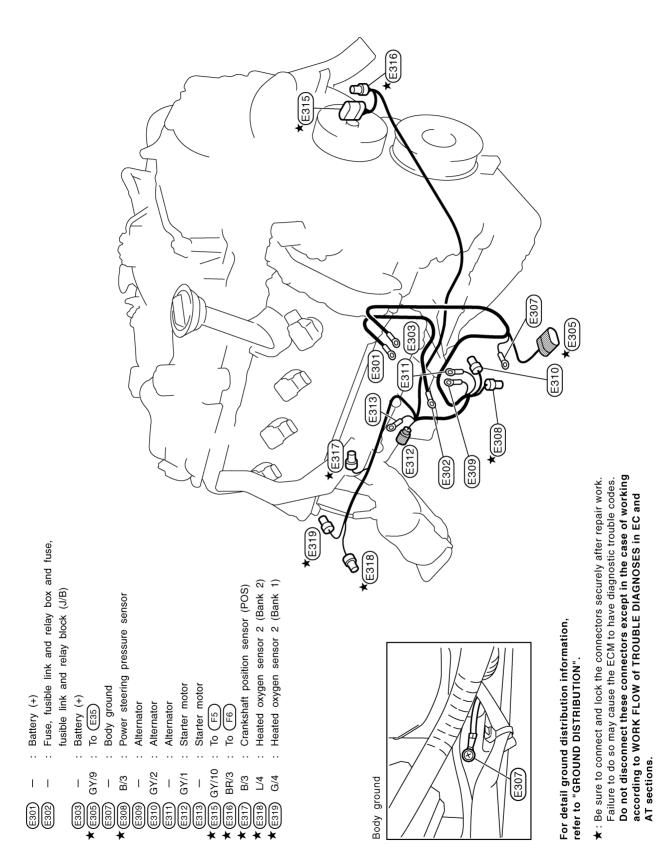
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Passenger Compartment



ENGINE HARNESS



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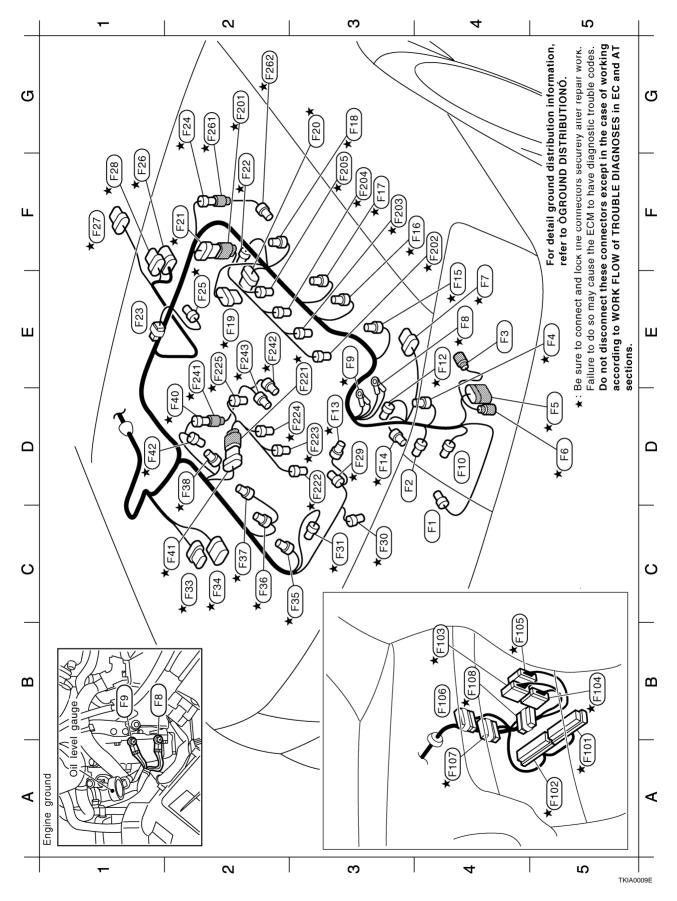
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ENGINE CONTROL HARNESS





Revision: 2004 October

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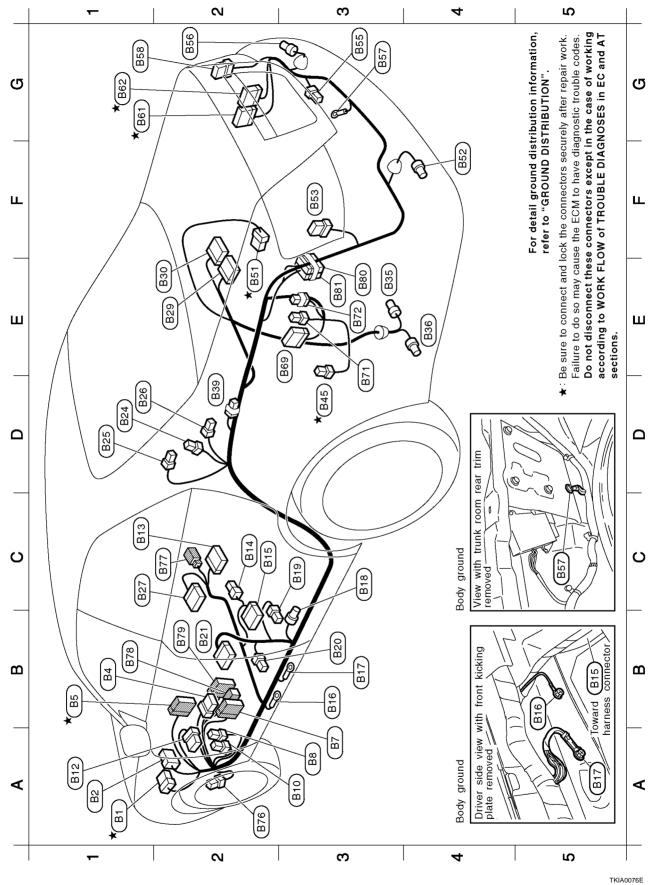
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BODY HARNESS



D2 B39 GY/2 : Condenser D3 ★ B45 W/2 : Dropping resistor E2 ★ B51 W/6 : Fuel level sensor unit and fuel pump F4 B52 GY/2 : Rear side marker lamp LH F3 B53 W/6 : Rear combination lamp LH G3 B55 W/4 : Trunk closure control unit	B56 GY/2 B55 GY/2 B55 B55 B55 B55 B56 GY/2 B57 B70 B77 U/10 B77 U/1 B77 U/1	 B1 (B78) BR/2 : To (M146) B2 (B79) W/10 : To (M148) E3 (B80) W/16 : Jumping connector (For Satellite radio receiver) E3 (B81) W/16 : Jumping connector (For Satellite radio receiver) E3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F3 (B81) W/16 : Jumping connector (For Satellite radio receiver) F4 (F3) (F3) (F3) (F3) (F3) (F3) (F3) (F3)	
W/8 : Fuse block (J/B) No.1 W/6 : Fuse block (J/B) No.1 W/8 : BCM (Body control module) SMJ : To MS W/24 : To MS W/24 : To MS BR/6 : Rear window defogger and door mirror defogger relay	: Door mirror defogger : To (212) Air bag diagnosis se Front LH side air ba Front power seat (D : Body ground : LH side air bag (sat : Front LH seat belt p : Front door switch (D	 W/18 : To (D51) Y/2 : LH side curtain air bag module W/1 : Condenser (Rear window defogger) W/4 : Remote keyless entry receiver W/16 : Option connector-1 for voice activated system GY/24 : AV and NAVI control unit W/24 : AV and NAVI control unit W/24 : AV and NAVI control unit SB/4 : Rear wheel sensor GY/2 : Dual mode muffler actuator 	

2004 M45

TKIA0077E

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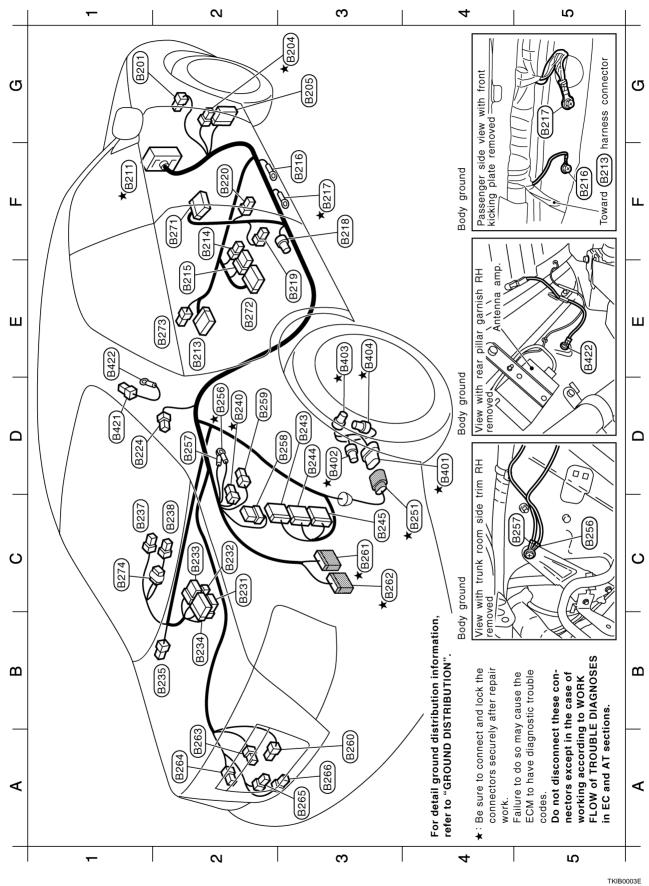
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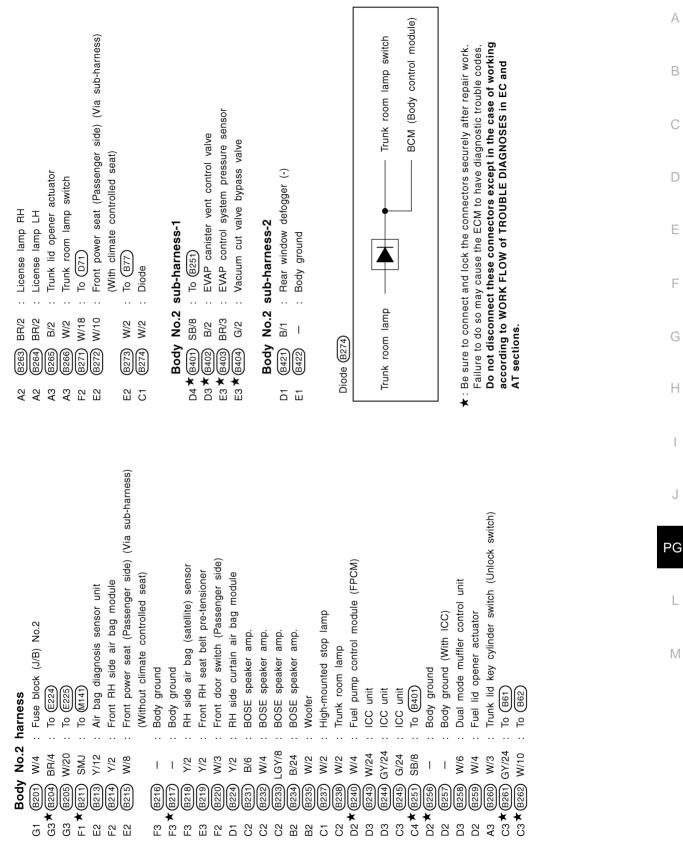
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Revision: 2004 October

PG-41

2004 M45

TKIB0004E

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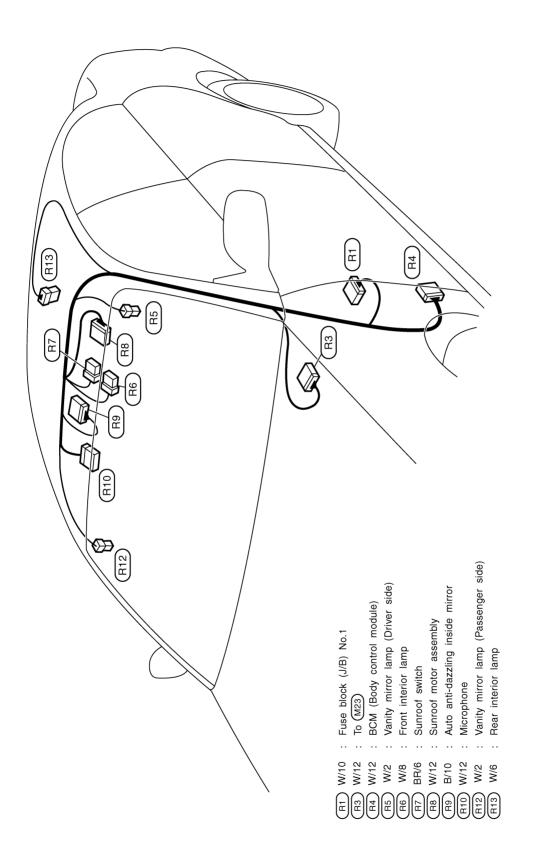
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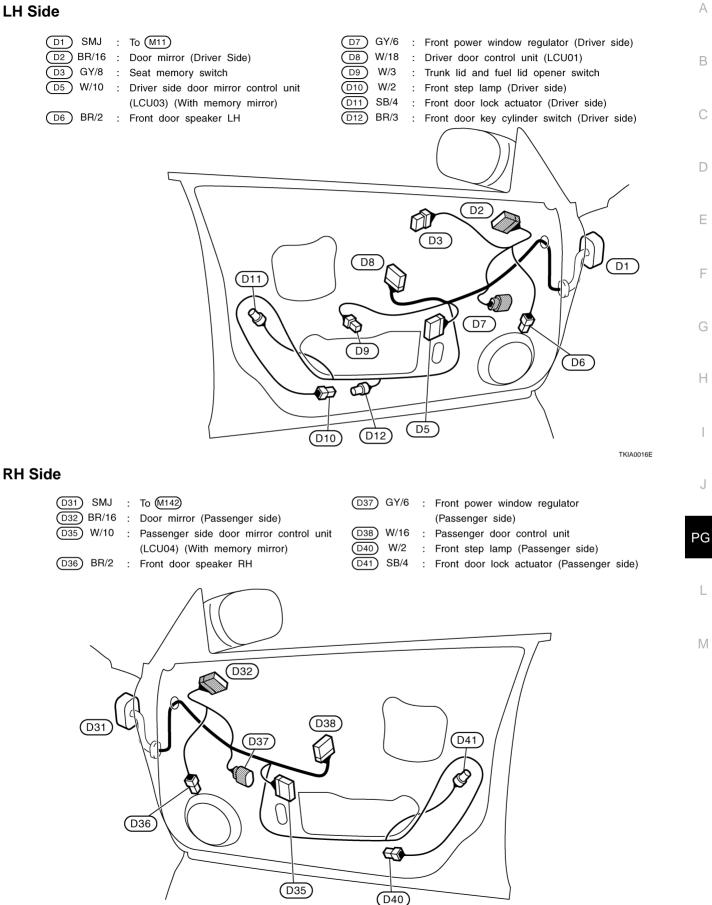
J

ROOM LAMP HARNESS



TKIA0015E

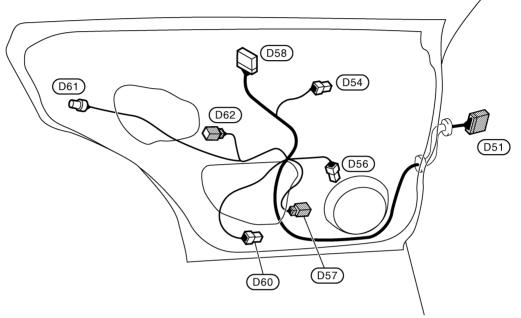
FRONT DOOR HARNESS LH Side



TKIA0017E

REAR DOOR HARNESS LH Side

D51) W/18	:	To (B21)	D60	W/2	:	Rear step lamp LH	
D54) W/3	:	Rear ashtray LH illumination	D61	SB/4	:	Rear door lock actuator LH	
D56 BR/2	:	Rear door speaker LH	D62	B/2	:	Door lock assembly rear LH	
D57 B/2	:	Rear power window regulator LH				(Door switch)	
D58) W/16	:	Rear LH door control unit					



TKIA0018E

RH Side

 D71 W/18 : To (B271) D74 W/3 : Rear ashtray RH illumination D76 BR/2 : Rear door speaker RH D77 B/2 : Rear power window regulator RH D78 W/16 : Rear RH door control unit 	D80W/2: Rear step lamp RHD81SB/4: Rear door lock actuator RHD82B/2: Door lock assembly rear RH (Door switch)

TKIA0019E

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	B
A/C	ATC	Air Conditioner	
APPS1	EC	Accelerator Pedal Position Sensor	C
APPS2	EC	Accelerator Pedal Position Sensor	
APPS3	EC	Accelerator Pedal Position Sensor	
ASCD	ACS	Automatic Speed Control Device	D
AT/IND	DI	A/T Indicator	
AUDIO	AV	Audio	E
AUT/DP	SE	Automatic Drive Positioner - IVMS	
BACK/L	LT	Back-up Lamp	
BRK/SW	EC	Brake Switch	F
BYPS/V	EC	Vacuum Cut Valve Bypass Valve	
CAN	AT	CAN Communication Line	G
CAN	EC	CAN Communication Line	
CAN	LAN	CAN System	
CD/CHG	AV	CD Auto Changer	H
CHARGE	SC	Charging System	
CHIME	DI	Warning Chime	
CIGAR	WW	Cigarette Lighter	
CLOCK	DI	Clock	
СОММ	AV	Audio Visual Communication Line	J
СОММ	DI	Audio Visual Communication Line	
СОММ	LAN	IVMS - Communication Check, Power Supply & Ground	
COMPAS	DI	Auto Anti - Dazzling Inside Mirror (COMPASS)	PO
COOL/V	EC	Cooling Fan Speed Control Solenoid Valve	
C/SEAT	SE	Climate Controlled Seat	L
D/C	AT	Direct Clutch Solenoid Valve	
D/CF	AT	Direct Clutch Solenoid Valve Function	
D/LOCK	BL	Power Door Lock - IVMS	N
DEF	GW	Rear Window Defogger	
DLC	EC	Data Link Connectors	
DTRL	LT	Headlamp - With Daytime Light System	
E/BRE	AT	A/T 1st Engine Braking	
ECM/PW	EC	ECM Power Supply (Back - up)	
ECTS	EC	Engine Coolant Temperature Sensor	
EPS	STC	Electronic Controlled Power Steering System	
ETC1	EC	Electrical Throttle Function	
ETC2	EC	Electrical Throttle Control Motor Relay	
ETC3	EC	Electrical Throttle Control Motor	
F/FOG	LT	Front Fog Lamp	
F/PUMP	EC	Fuel Pump	
FR/B	AT	Front Brake Solenoid Valve	



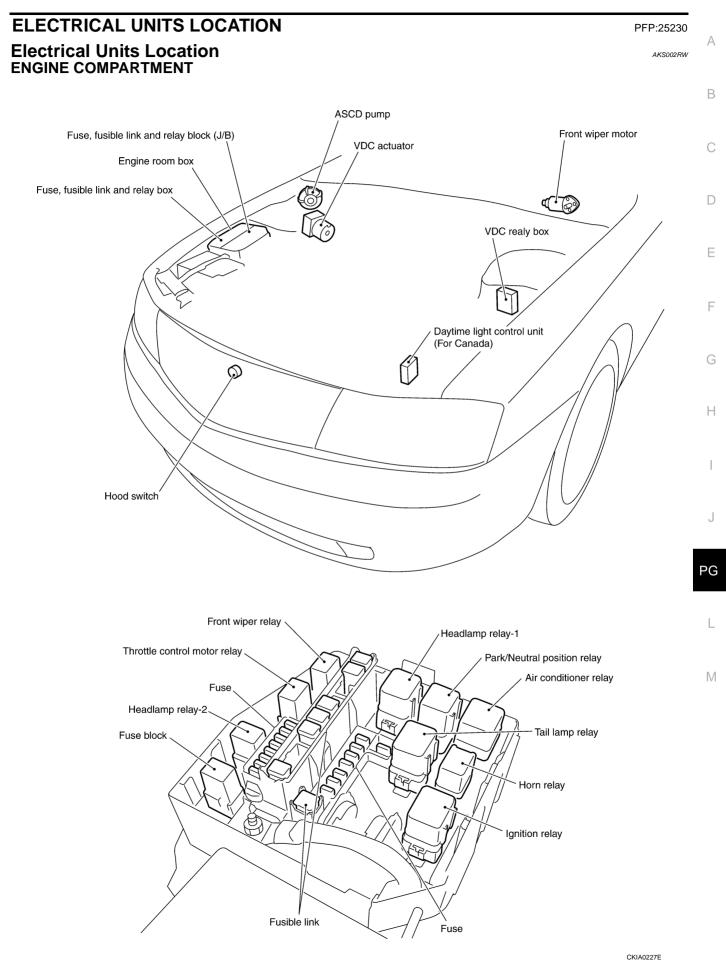
AKS002RV

А

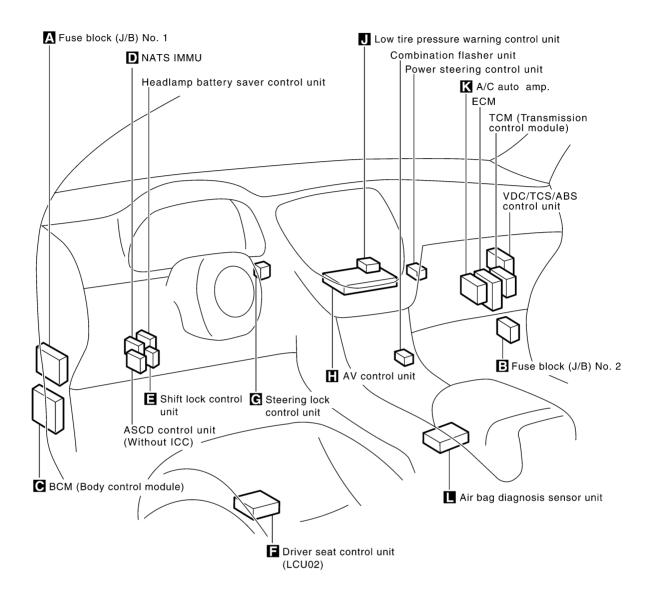
Code	Section	Wiring Diagram Name
FR/BF	AT	Front Brake Solenoid Valve Function
FLS1	EC	Fuel Level Sensor Function (SLOSH)
FLS2	EC	Fuel Level Sensor Circuit
FLS3	EC	Fuel Level Sensor Circuit (Ground Signal)
FPCM	EC	Fuel Pump Control Module
FPSW1	AT	Pressure Switch 1 (FR/B)
FPSW3	AT	Pressure Switch 3 (I/C)
FPSW5	AT	Pressure Switch 5 (D/C)
FPSW6	AT	Pressure Switch 6 (HLR/C)
FTS	AT	A/T Fluid Temperature Sensor
FTTS	EC	Fuel tank Temperature Sensor
FUELB1	EC	Fuel Injection System Function (Bank 1)
FUELB2	EC	Fuel Injection System Function (Bank 2)
H/AIM	LT	Headlamp Aiming Control System
H/LAMP	LT	Headlamp
HLR/C	AT	High and Low Reverse Clutch Solenoid Valve
HLR/CF	AT	High and Low Reverse Clutch Solenoid Valve Function
HORN	WW	Horn
I/C	AT	Input Clutch Solenoid Valve
I/CF	AT	Input Clutch Solenoid Valve Function
I/LOCK	AT	A/T Interlock
I/MIRR	GW	Inside Mirror (Auto-anti dazzling mirror)
IATS	EC	Intake Air Temperature Sensor
ICC	ACS	Intelligent Cruise Control System
IGN/SG	EC	Ignition Signal
ILL	LT	Illumination
INF/D	DI	Information Display
INJECT	EC	Injector
INT/L	LT	Vanity Mirror and Trunk Room Lamps
IVCB1	EC	Intake Valve Timing Control Solenoid Valve Bank 1
IVCB2	EC	Intake Valve Timing Control Solenoid Valve Bank 2
IVCSB1	EC	Intake Valve Timing Control Position Sensor Bank 1
IVCSB2	EC	Intake Valve Timing Control Position Sensor Bank 2
IVTB1	EC	Intake Valve Timing Control System (Bank 1)
IVTB2	EC	Intake Valve Timing Control System (Bank 2)
KEYLES	BL	Remote Keyless Entry System - IVMS
KS	EC	Knock Sensor
LC/B	AT	Low Coast Break Solenoid Valve
LC/BF	AT	Low Coast Break Solenoid Valve Function
LOAD	EC	Electrical Load Signal
LPSV	AT	Line Pressure Solenoid Valve
MAFS	EC	Mass Air Flow Sensor
MAIN	EC	Main Power Supply and Ground Circuit
METER	DI	Speedometer, Tachometer, Temp., Oil and Fuel Gauges
		-,

Code	Section	Wiring Diagram Name	
MIL	EC	Malfunction Indicator Lamp	_
MIRROR	GW	Door Mirror	
MMSW	AT	Manual Mode Switch	
NATS	BL	IVIS (Infiniti Vehicle Immobilizer System - NATS)	
NAVI	AV	Navigation System	
NONDTC	AT	Non-detective Items	
O2H1B1	EC	Heated Oxygen Sensor 1 Heater Bank 1	
O2H1B2	EC	Heated Oxygen Sensor 1 Heater Bank 2	
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	
O2S1B2	EC	Heated Oxygen Sensor 1 Bank 2	
O2S2B1	EC	Rear Heated Oxygen Sensor 2 Bank 1	
O2S2B2	EC	Rear Heated Oxygen Sensor 2 Bank 2	
PGC/V	EC	EVAP Canister Purge Volume Control Solenoid Valve	
PHASE	EC	Camshaft Position Sensor (PHASE)	
PHONE	AV	Telephone	
PNP/SW	AT	Park/Neutral Position Switch	
PNP/SW	EC	Park/Neutral Position Switch	
POS	EC	Crankshaft Position Sensor (CKPS) (POS)	
POWER	AT	Transmission Control Module Power Supply	
POWER	PG	Power Supply Routing	
PRE/SE	EC	EVAP Control System Pressure Sensor	
PS/SEN	EC	Power Steering Pressure Sensor	
RCTS	EC	Radiator Coolant Temperature Sensor	
REMOTE	AV	Audio (Remote Control Switch)	
ROOM/L	LT	Interior Room Lamp - IVMS	
RP/SEN	EC	Refrigerant Pressure Sensor	
S/SIG	EC	Start Signal	
SEAT	SE	Power Seat	
SEN/PW	EC	Sensor Power Supply	
SHIFT	AT	A/T Shift Lock System	
SROOF	BL	Sunroof	
SRS	SRS	Supplemental Restraint System	
START	SC	Starting System	
STEP/L	LT	Step Lamp - IVMS	
STOP/L	LT	Stop Lamp	
STSIG	AT	Start Signal	
T&FLID	BL	Trunk Lid and Fuel Lid Opener	
T/CLOS	BL	Trunk Closure System	
T/WARN	WT	Low Tire Pressure Warning System	
TAIL/L	LT	Parking, License and Tail Lamps	
TCCSIG	AT	A/T TCC S/V Function (Lock Up)	
TCV	AT	Torque Converter Clutch Solenoid Valve	

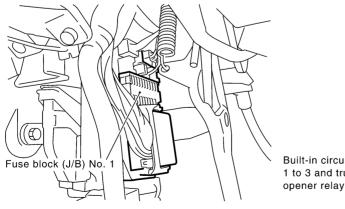
Code	Section	Wiring Diagram Name
TILTEL	STC	Electric Tilt, Telescopic Steering Position System
TPS1	EC	Throttle Position Sensor (Sensor 1)
TPS2	EC	Throttle Position Sensor (Sensor 2)
TPS3	EC	Throttle Position Sensor
TRNSCV	BL	Homelink Universal Transceiver
TRSA/T	AT	Turbine Revolution Sensor
TURN	LT	Turn Signal and Hazard Warning Lamps
VDC	BRC	Vehicle Dynamics Control System
VEHSEC	BL	Vehicle Security System - IVMS
VENT/V	EC	EVAP Canister Vent Control Valve
VEXH	EX	Variable Exhaust Muffler Control System
VIAS/V	EC	Variable Air Induction Control System
VOICE	DI	Voice Activated Control System
VSSAT	AT	Vehicle Speed Sensor A/T (Revolution Sensor)
W/ANT	AV	Audio Antenna
WARN	DI	Warning Lamps
WINDOW	GW	Power Window - IVMS
WIPER	WW	Wiper and Washer



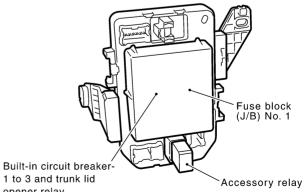
PASSENGER COMPARTMENT



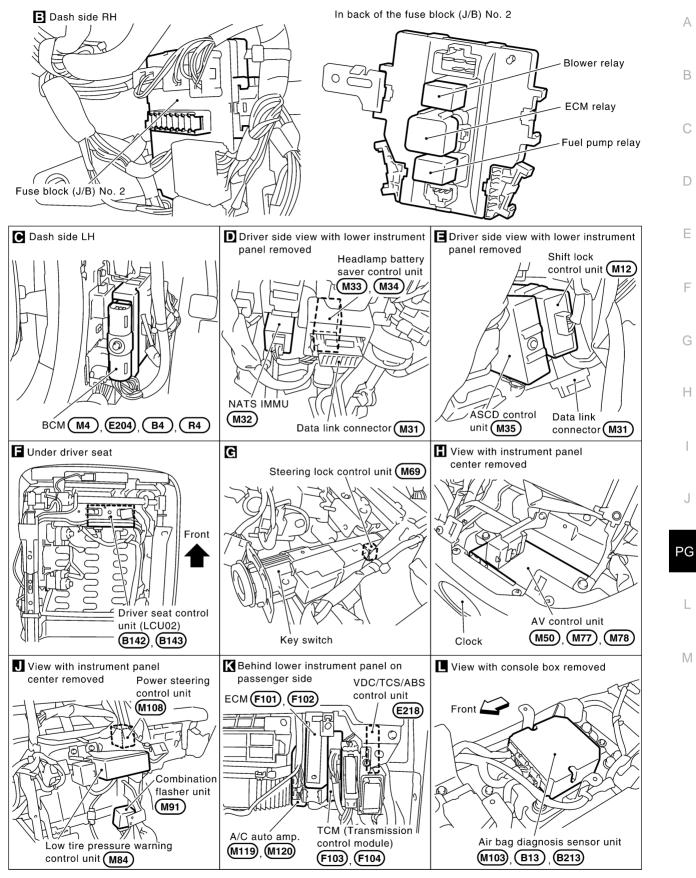
A Dash side LH



In back of the fuse block (J/B) No. 1

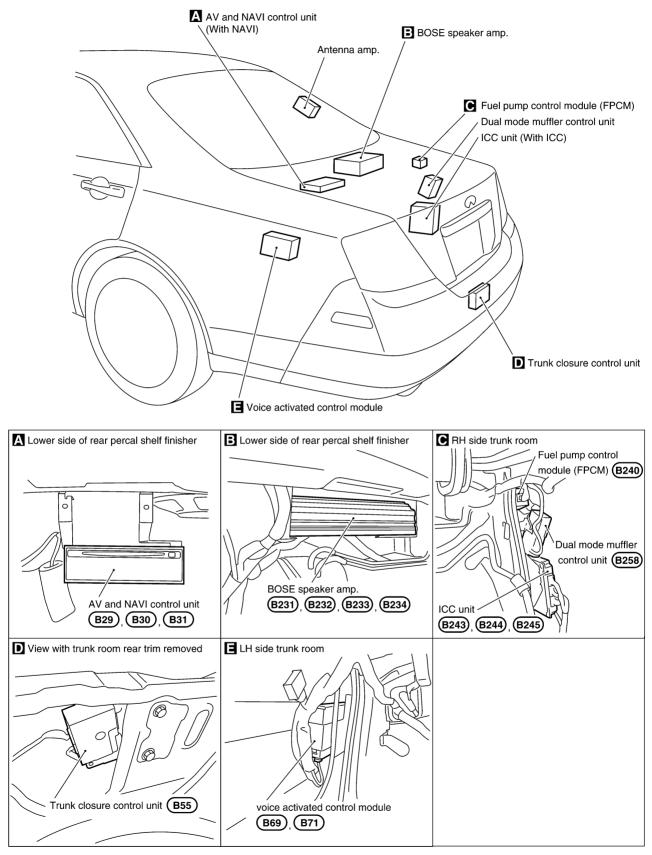


CKIA0228E



CKIA0229E

LUGGAGE COMPARTMENT



CKIA0230E

HARNESS CONNECTOR

HA	RNESS CONNECTOR			PFP:0001 ²	-
De:	SCRIPTION RNESS CONNECTOR (TAB-L			AKS002S	0 0
•	The tab-locking type connectors	help prevent accid	dental looseness or	disconnection. ting the locking tab(s). Refer to the	B
	er to the next page for descript JTION:	ion of the slide-lo	ocking type conne	ector.	С
Do	not pull the harness or wires w	hen disconnectir	ng the connector.		D
		ctor housing PUSH		PUSH	Е
					F
				Packing (Water-proof type)	G
	← Connector housing			· · · · · · · · · · · · · · · · · · ·	Н
	LIFT		PUSH	PUSH	I
			Q. 33b		J
					PG
	PUSH			PUSH	L
		J			Μ

(For relay)

PUSH (For combination meter)

HARNESS CONNECTOR

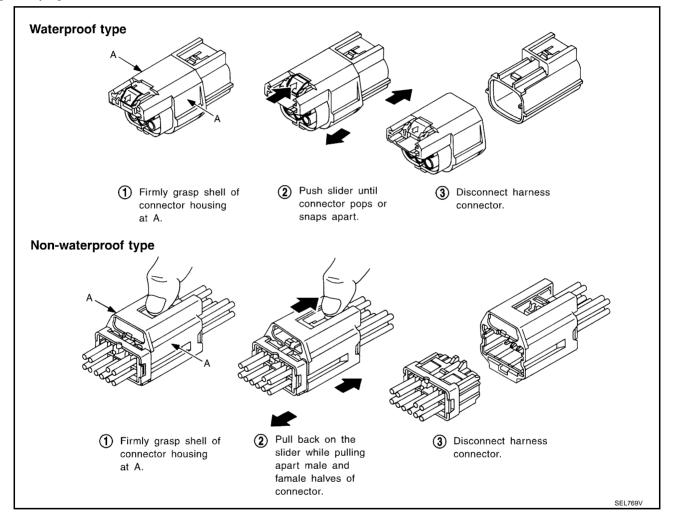
HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

- 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.

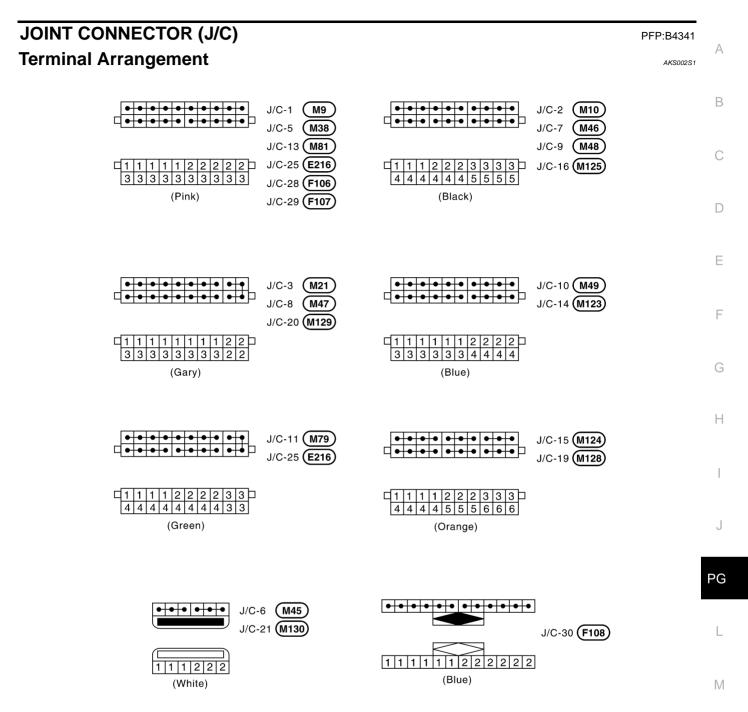
CAUTION:

- 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]



JOINT CONNECTOR (J/C)

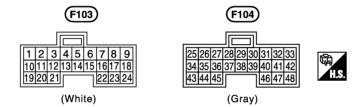


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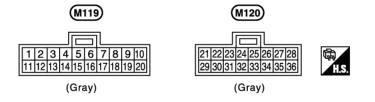
ELECTRICAL UNITS

ELECTRICAL UNITS Terminal Arrangement ECM (F101) 152 153 1 2 3 4 5 6 7 8 9 10 11 43 44 45 46 47 48 49 50 51 52 53 151 154 155 156 12 13 14 15 16 17 18 19 20 21 54 55 56 57 58 59 60 61 62 63 157 158 159 22 23 24 25 26 27 28 29 30 31 32 64 65 66 67 68 69 70 71 72 73 74 160 161 162 33 34 35 36 37 38 39 40 41 42 75 76 77 78 79 80 81 82 83 84 (White)

TCM (TRANSMISSION CONTROL MODULE)

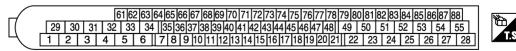


A/C AUTO AMP.



VDC/TCS/ABS CONTROL UNIT

(E218)



(Black)

PFP:23710

HS.

(F102)

(White)

85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105

106 107 108 109 110 111 112 113 114 115 116

117 118 119 120 121 122 123 124 125 126

163 164 165

166 167

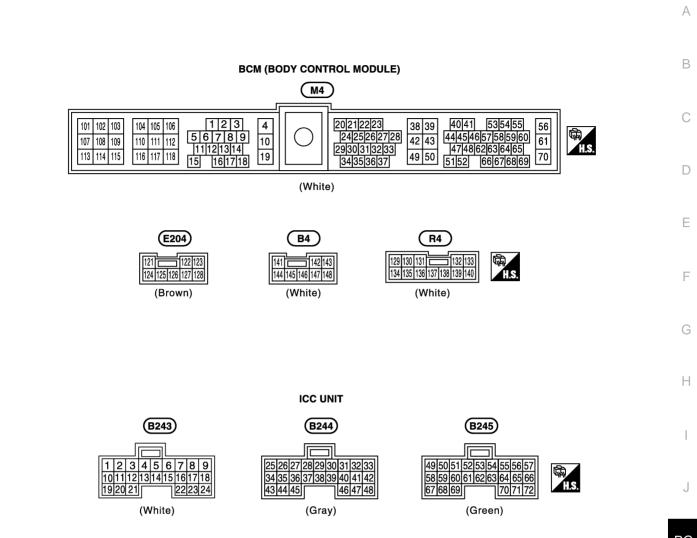
169 170 171

172 173 174

168

AK\$002\$2

ELECTRICAL UNITS



PG

L

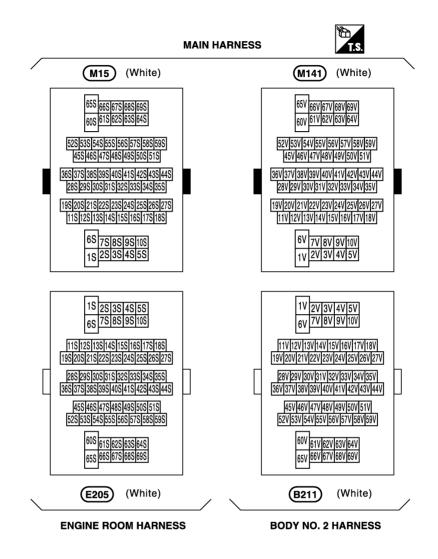
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CKIM0115E

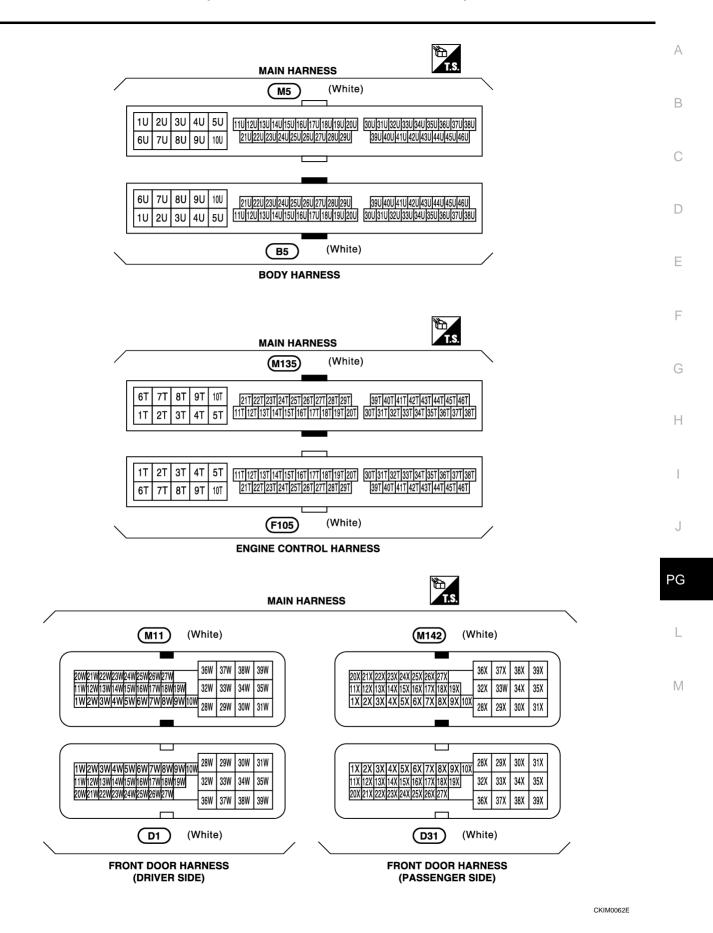
SMJ (SUPER MULTIPLE JUNCTION) Terminal Arrangement

PFP:B4341

AKS002S3



CKIM0061E



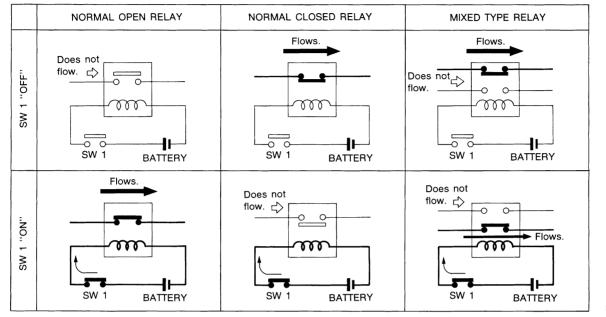
STANDARDIZED RELAY

PFP:00011

AKS002S4

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.



SEL881H

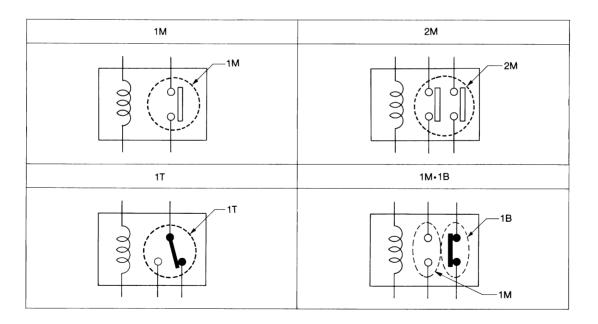
TYPE OF STANDARDIZED RELAYS

1M 1 Make

1T 1 Transfer

2M

..... 2 Make 1M-1B 1 Make 1 Break



SEL882H

STANDARDIZED RELAY

Туре	Outer view	Circuit	Connector symbol and connection	Case color	
1T				BLACK	
2M				BROWN	
1M•1B				GRAY	
1M	a contraction of terminal numbers on the			BLUE	

SEL188W

А

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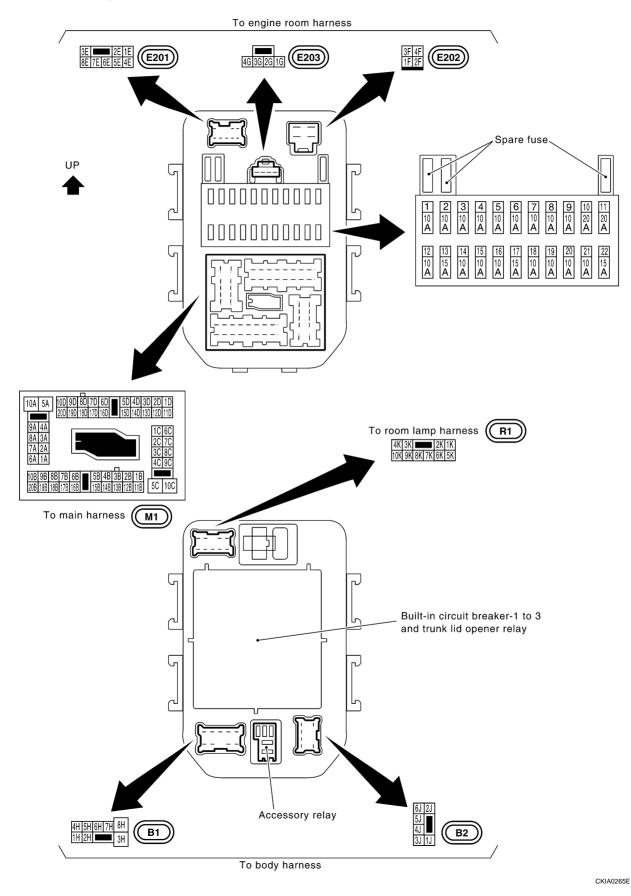
Μ

FUSE BLOCK - JUNCTION BOX (J/B) NO.1

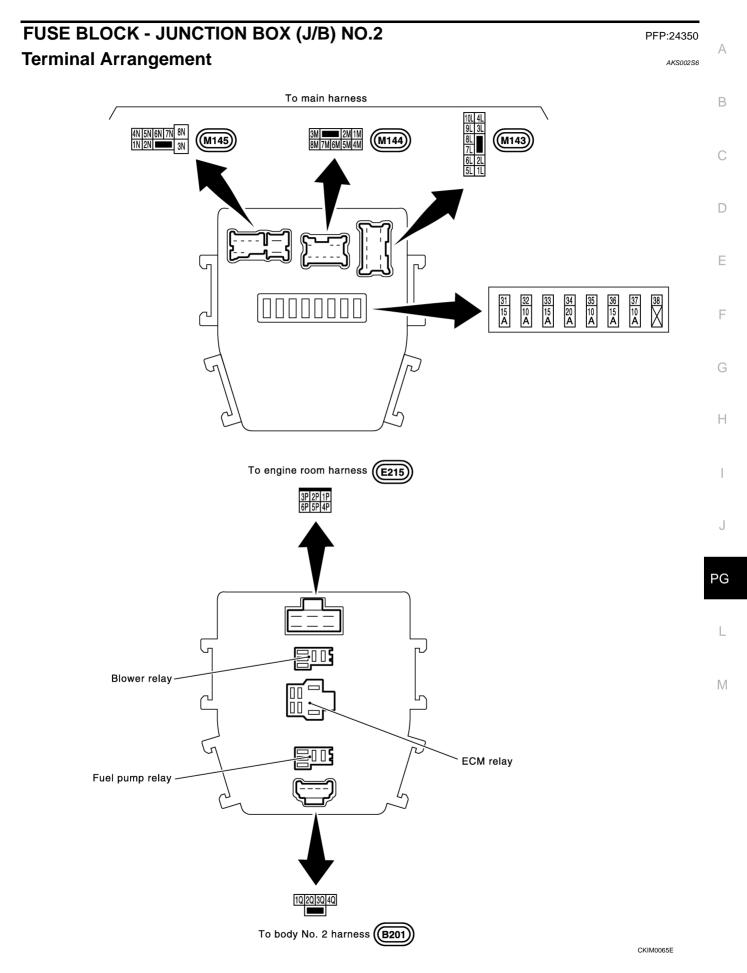
Terminal Arrangement

PFP:24350

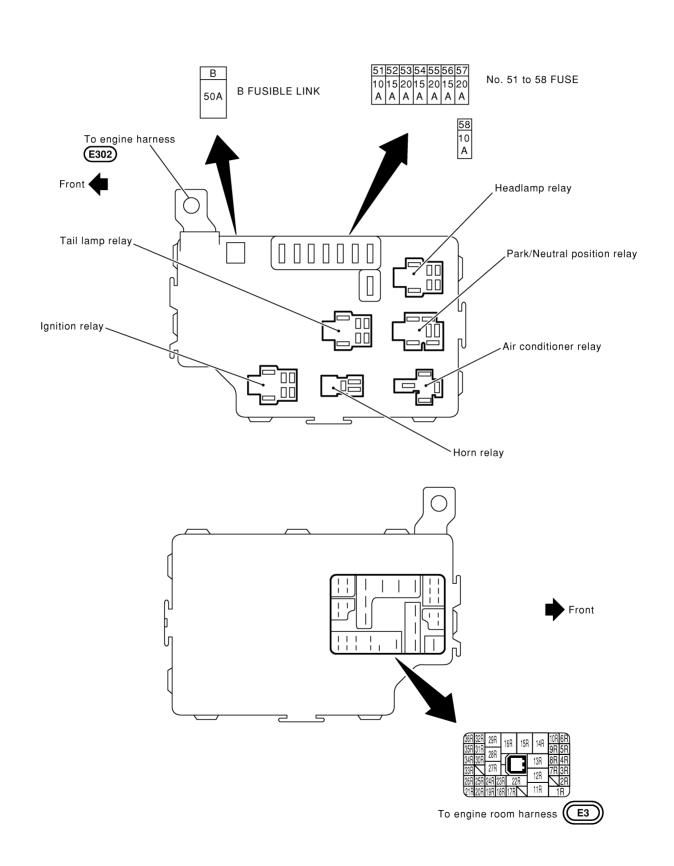
AKS002S5



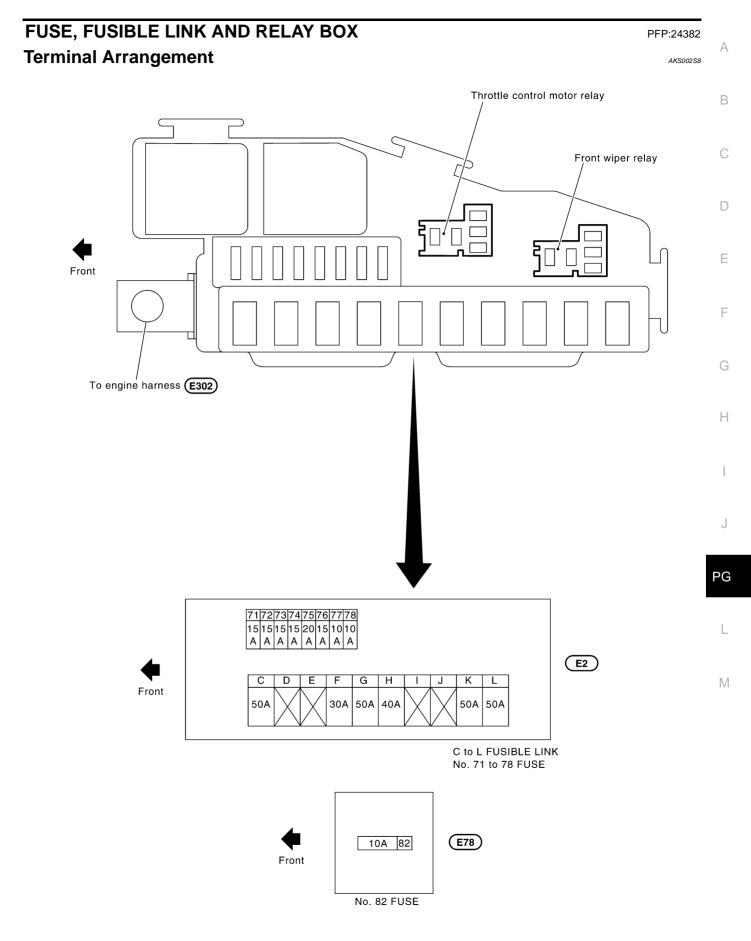




FUSE, FUSIBLE LINK AND RELAY BLOCK (J/B) Terminal Arrangement



FUSE, FUSIBLE LINK AND RELAY BOX



CKIA0266E